

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117449.D
 Acq On : 21 Oct 2019 15:54
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:52:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44809	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	186191	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	93885	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	154472	20.00	ng	0.00
76) Chrysene-d12	13.90	240	113410	20.00	ng	0.00
87) Perylene-d12	15.33	264	103818	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	252968	83.99	ng	0.00
7) Phenol-d6	6.38	99	337243	83.36	ng	0.00
23) Nitrobenzene-d5	7.30	82	313848	83.22	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	67539	83.14	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	558734	83.85	ng	0.00
79) Terphenyl-d14	12.83	244	533202	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	52636	41.566	ng	99
3) Pyridine	3.12	79	133566	43.086	ng	98
4) n-Nitrosodimethylamine	3.07	42	46754	41.573	ng	100
6) Aniline	6.40	93	198235	41.740	ng	# 71
8) 2-Chlorophenol	6.52	128	130860	41.174	ng	98
9) Benzaldehyde	6.29	77	86656	45.653	ng	96
10) Phenol	6.39	94	174713	42.315	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	128449	42.060	ng	99
12) 1,3-Dichlorobenzene	6.67	146	144803	40.827	ng	99
13) 1,4-Dichlorobenzene	6.75	146	148955	41.400	ng	100
14) 1,2-Dichlorobenzene	6.90	146	140993	41.572	ng	97
15) Benzyl Alcohol	6.89	79	120799	41.796	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	135222	41.045	ng	87
17) 2-Methylphenol	7.00	107	112152	42.896	ng	99
18) Hexachloroethane	7.24	117	57876	41.212	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	100420	40.646	ng	96
20) 3+4-Methylphenols	7.16	107	142550	41.585	ng	94
22) Acetophenone	7.15	105	207356	41.940	ng	99
24) Nitrobenzene	7.32	77	152704	42.273	ng	100
25) Isophorone	7.56	82	271914	41.676	ng	97
26) 2-Nitrophenol	7.64	139	66136	41.050	ng	98
27) 2,4-Dimethylphenol	7.68	122	100712	41.828	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	168552	41.867	ng	99
29) 2,4-Dichlorophenol	7.89	162	105500	41.775	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	113599	41.916	ng	99
31) Naphthalene	8.04	128	384041	41.613	ng	99
32) Benzoic acid	7.84	122	66834	40.526	ng	97
33) 4-Chloroaniline	8.09	127	161812	41.545	ng	98
34) Hexachlorobutadiene	8.16	225	63556	40.517	ng	94
35) Caprolactam	8.47	113	35602	43.884	ng	93
36) 4-Chloro-3-methylphenol	8.58	107	120756	41.926	ng	98
37) 2-Methylnaphthalene	8.73	142	254963	41.000	ng	99
38) 1-Methylnaphthalene	8.83	142	245372	41.990	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	108871	43.054	ng	100

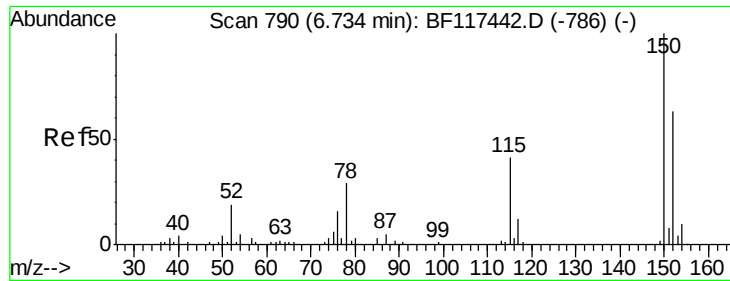
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117449.D
 Acq On : 21 Oct 2019 15:54
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: Oct 22 01:52:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	19251	39.739	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	66104	41.745	ng	93
44) 2,4,5-Trichlorophenol	9.06	196	67527	42.083	ng	96
46) 1,1'-Biphenyl	9.19	154	323880	41.670	ng	99
47) 2-Chloronaphthalene	9.22	162	250114	42.680	ng	99
48) 2-Nitroaniline	9.32	65	81439	42.332	ng	97
49) Acenaphthylene	9.63	152	365886	42.507	ng	98
50) Dimethylphthalate	9.49	163	282170	42.159	ng	99
51) 2,6-Dinitrotoluene	9.56	165	59376	42.513	ng	99
52) Acenaphthene	9.80	154	224324	42.477	ng	96
53) 3-Nitroaniline	9.73	138	71353	42.106	ng	98
54) 2,4-Dinitrophenol	9.86	184	16944	32.178	ng	96
55) Dibenzofuran	9.97	168	322401	42.137	ng	99
56) 4-Nitrophenol	9.92	139	28812	39.159	ng	99
57) 2,4-Dinitrotoluene	9.97	165	80434	43.316	ng	98
58) Fluorene	10.32	166	270845	42.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	48379	38.360	ng	91
60) Diethylphthalate	10.19	149	285673	42.199	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	121429	42.775	ng	97
62) 4-Nitroaniline	10.35	138	70425	44.091	ng	99
63) Azobenzene	10.47	77	294583	42.508	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	29209	37.191	ng	94
66) n-Nitrosodiphenylamine	10.43	169	227241	40.240	ng	97
67) 4-Bromophenyl-phenylether	10.79	248	68437	41.132	ng	94
68) Hexachlorobenzene	10.87	284	72118	40.473	ng	94
69) Atrazine	10.95	200	54788	38.133	ng	98
70) Pentachlorophenol	11.07	266	19048	35.659	ng	99
71) Phenanthrene	11.27	178	370484	41.304	ng	99
72) Anthracene	11.33	178	381167	41.416	ng	100
73) Carbazole	11.49	167	352853	41.953	ng	99
74) Di-n-butylphthalate	11.81	149	449693	40.015	ng	99
75) Fluoranthene	12.46	202	374744	41.734	ng	100
77) Benzidine	12.59	184	148683	49.353	ng	98
78) Pyrene	12.69	202	383816	39.401	ng	99
80) Butylbenzylphthalate	13.30	149	187928	38.768	ng	100
81) Benzo(a)anthracene	13.89	228	316247	41.340	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	103317	43.040	ng	98
83) Chrysene	13.92	228	309230	41.245	ng	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	262752	38.695	ng	97
85) Di-n-octyl phthalate	14.49	149	418786	40.112	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	221393	39.551	ng	99
88) Benzo(b)fluoranthene	14.93	252	254822	41.566	ng	97
89) Benzo(k)fluoranthene	14.96	252	256754	40.862	ng	96
90) Benzo(a)pyrene	15.27	252	228964	41.078	ng	95
91) Dibenzo(a,h)anthracene	16.74	278	186651	38.727	ng	100
92) Benzo(g,h,i)perylene	17.16	276	166019	36.406	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

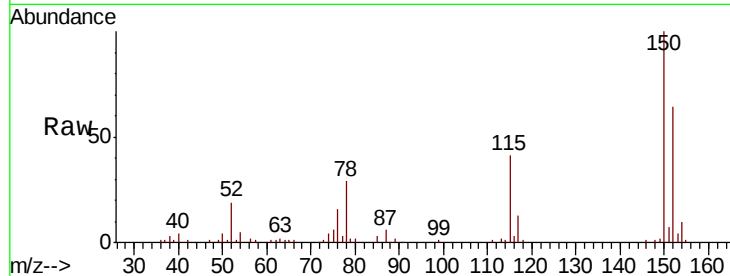


#1

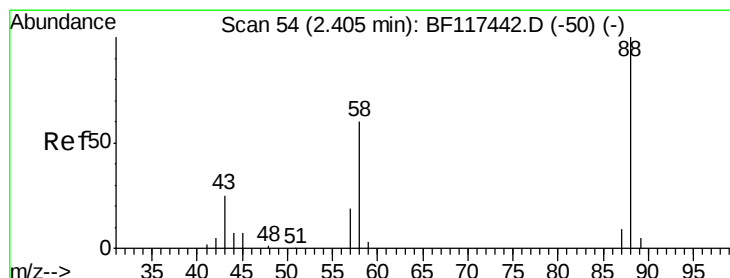
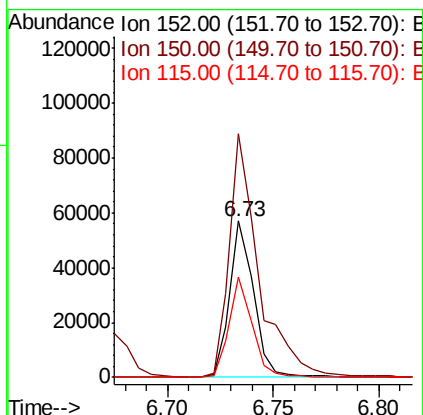
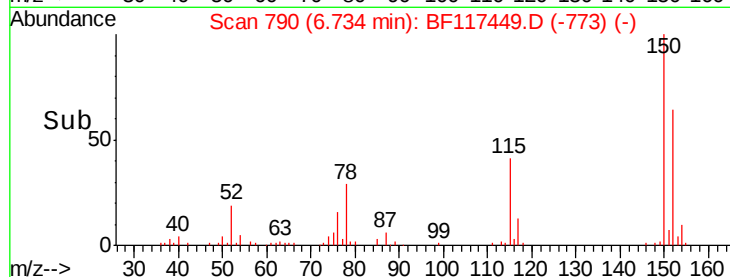
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 44809
Ion Ratio Lower Upper
152 100
150 156.0 126.8 190.2
115 64.1 51.6 77.4



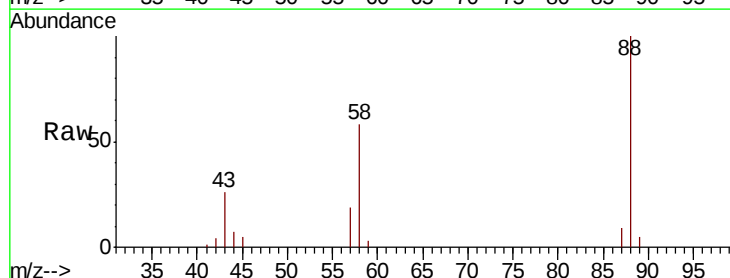
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



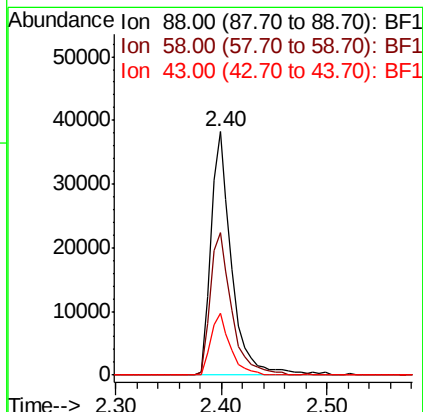
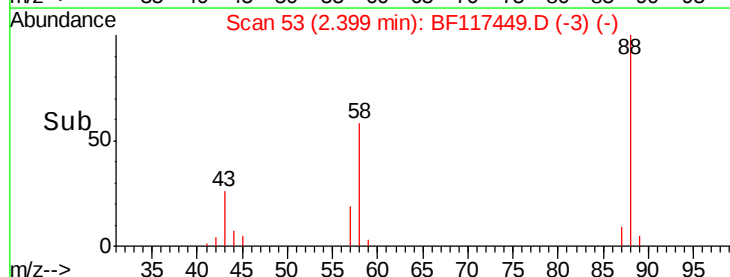
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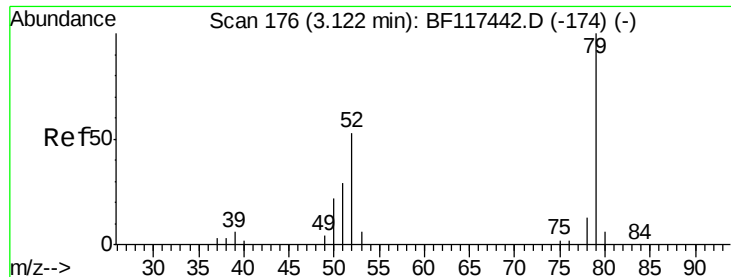
1,4-Dioxane
Concen: 41.566 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion: 88 Resp: 52636
Ion Ratio Lower Upper
88 100
58 60.1 48.8 73.2
43 23.7 18.5 27.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.086 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampled :

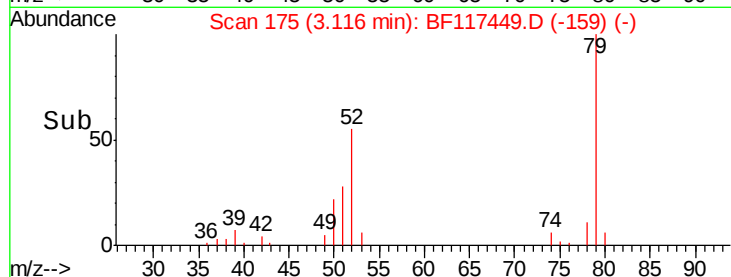
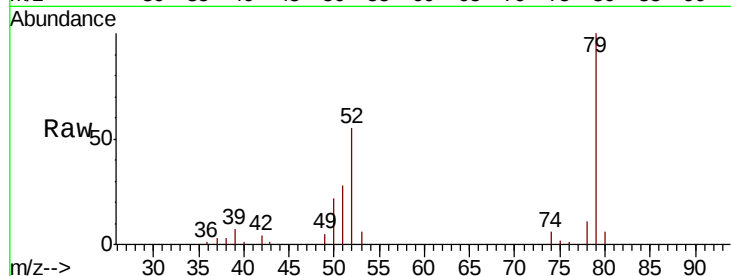
Tot Ion: 79 Resp: 133566

Ion Ratio Lower Upper

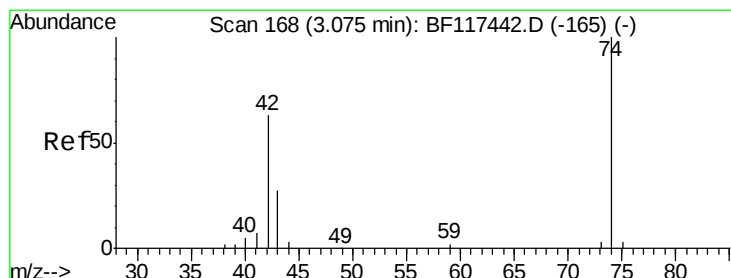
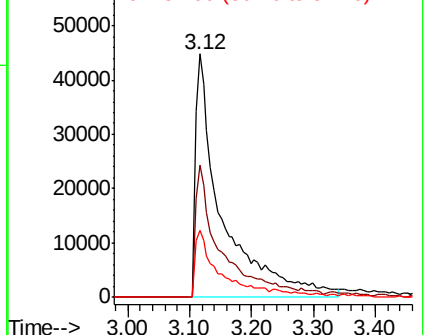
79 100

52 54.5 42.4 63.6

51 27.7 23.3 34.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.573 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

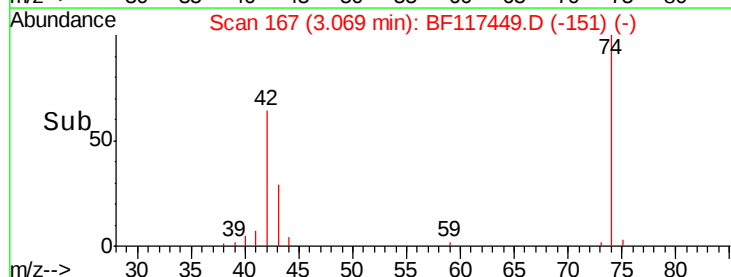
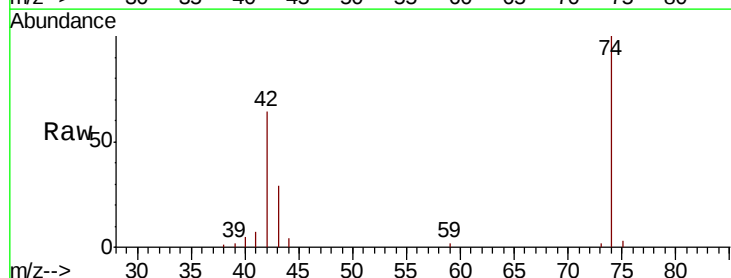
Tgt Ion: 42 Resp: 46754

Ion Ratio Lower Upper

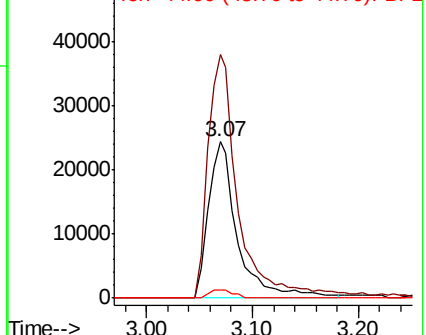
42 100

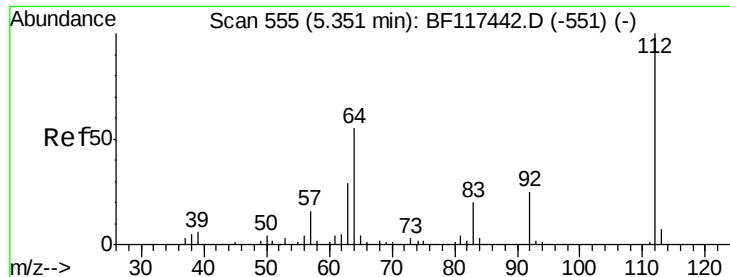
74 155.8 124.2 186.4

44 5.5 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.988 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampled :

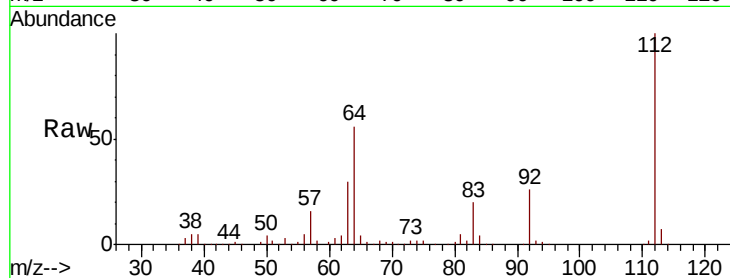
Tot Ion:112 Resp: 252968

Ion Ratio Lower Upper

112 100

64 56.4 44.1 66.1

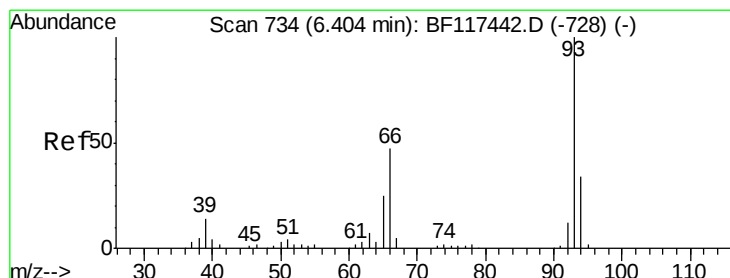
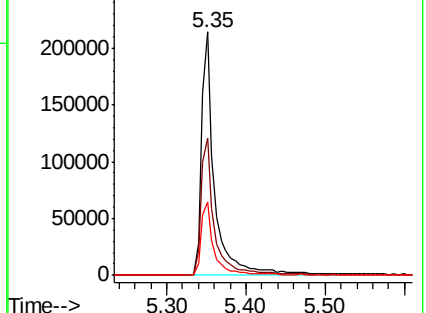
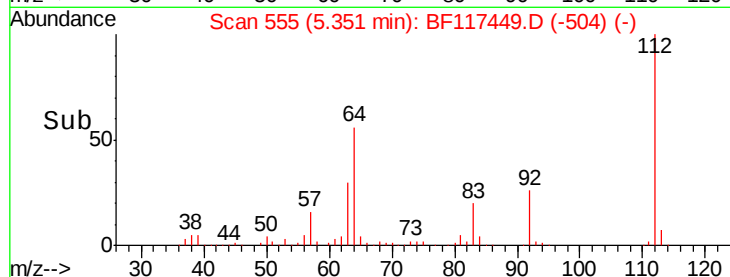
63 30.1 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.740 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

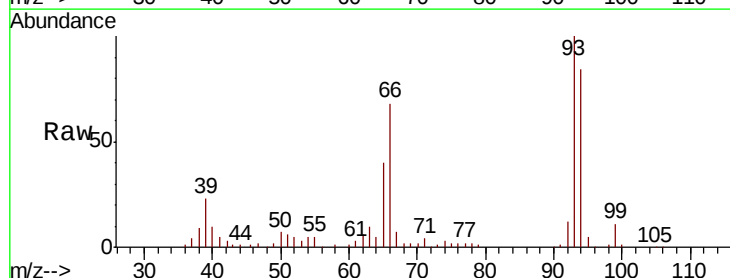
Tgt Ion: 93 Resp: 198235

Ion Ratio Lower Upper

93 100

66 68.3 38.7 58.1#

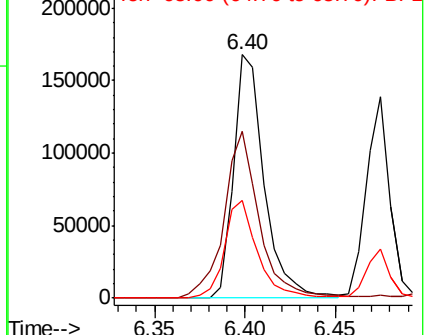
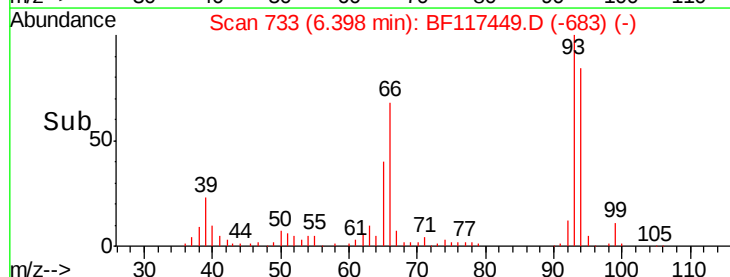
65 39.9 20.1 30.1#

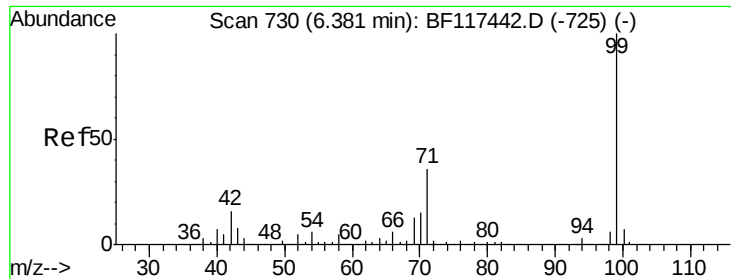


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.365 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

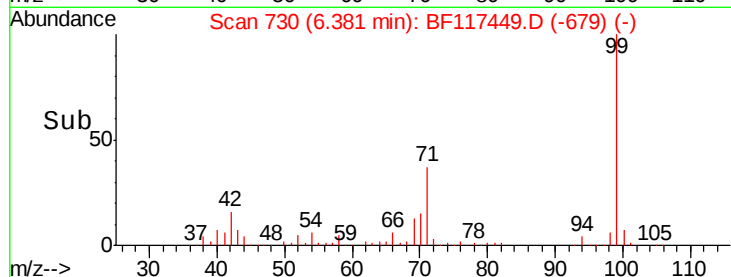
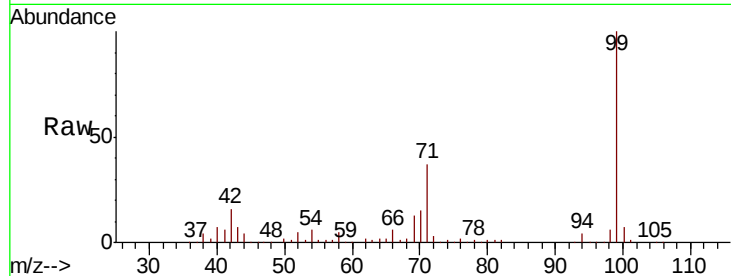
Tot Ion: 99 Resp: 337243

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

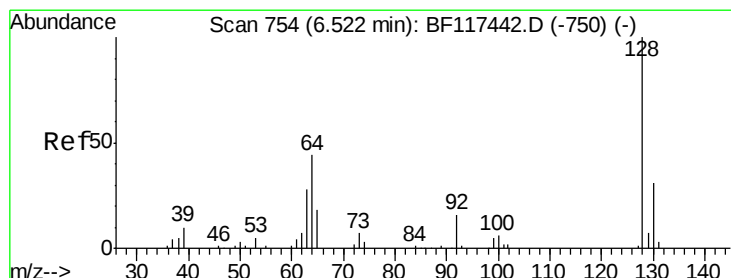
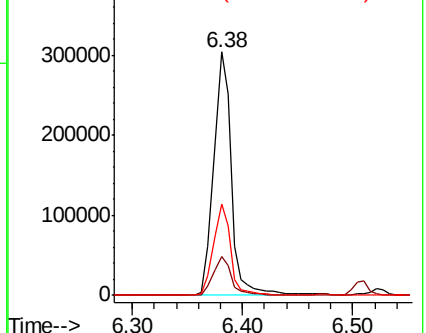
71 37.3 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.174 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

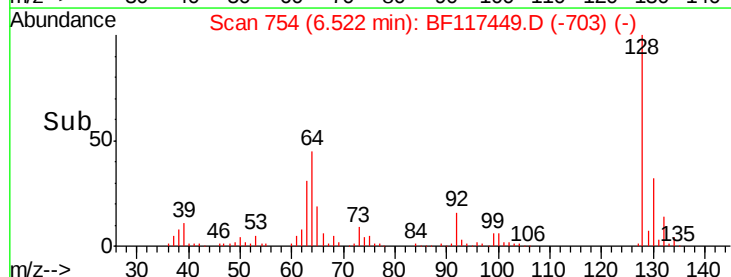
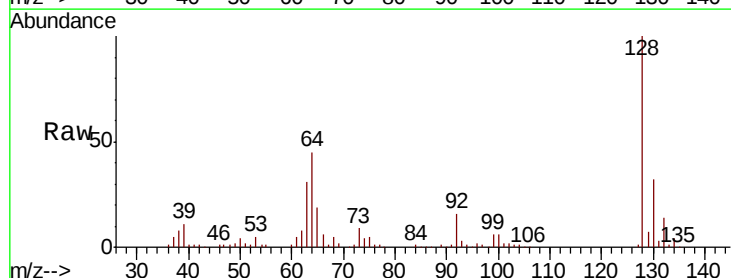
Tgt Ion:128 Resp: 130860

Ion Ratio Lower Upper

128 100

130 32.0 11.1 51.1

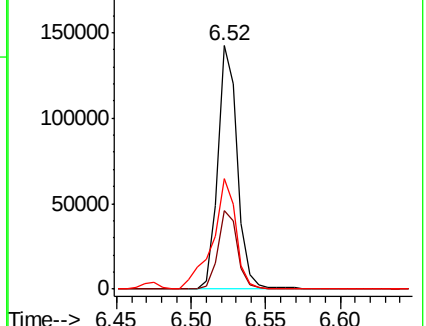
64 45.3 27.1 67.1

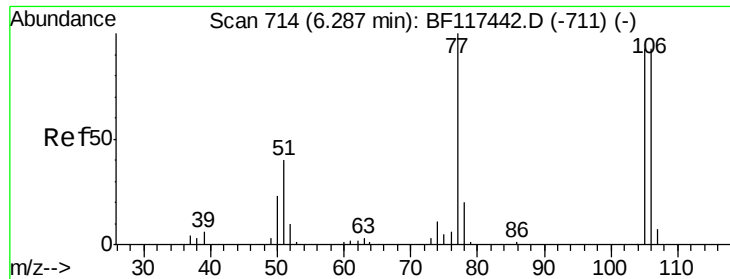


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

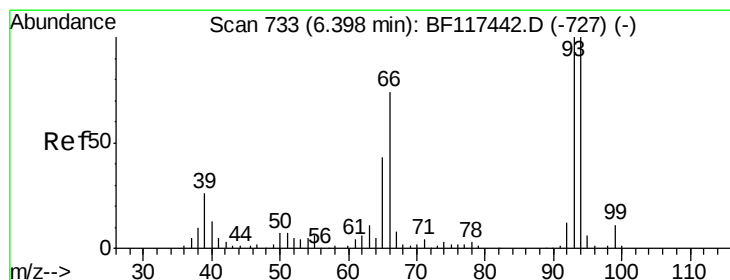
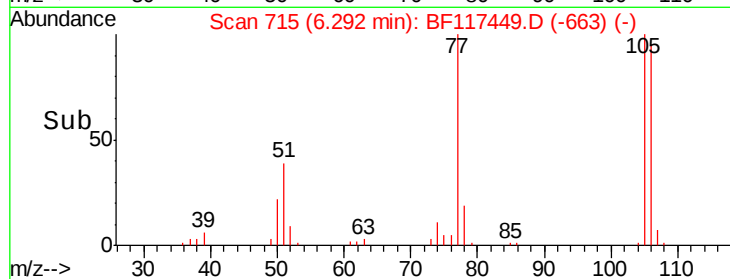
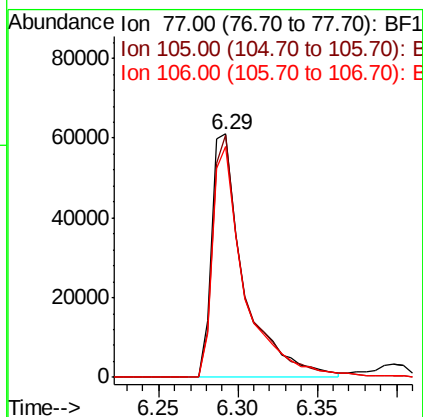
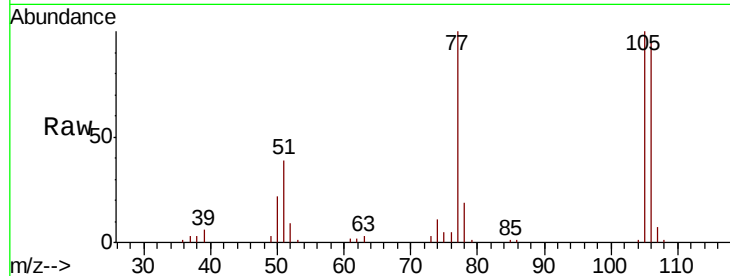




#9
Benzaldehyde
Concen: 45.653 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

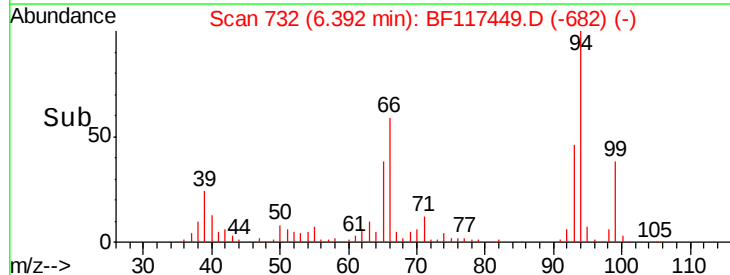
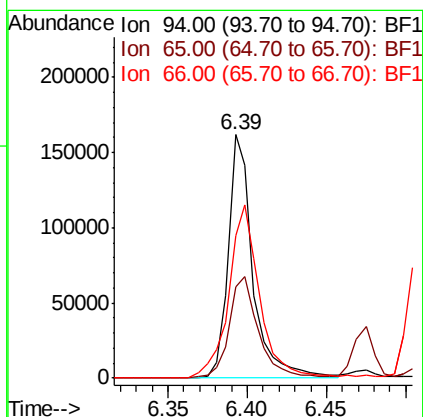
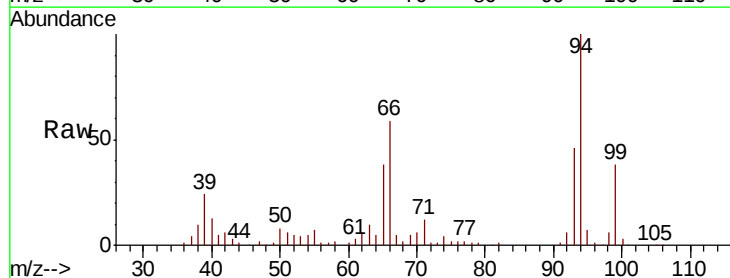
Instrument :
BNA_F
ClientSampleId :

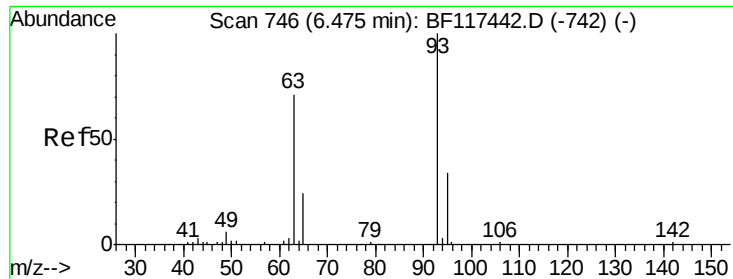
Tot Ion: 77 Resp: 86656
Ion Ratio Lower Upper
77 100
105 99.7 73.4 113.4
106 94.8 73.0 113.0



#10
Phenol
Concen: 42.315 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion: 94 Resp: 174713
Ion Ratio Lower Upper
94 100
65 37.6 23.4 63.4
66 58.6 54.7 94.7

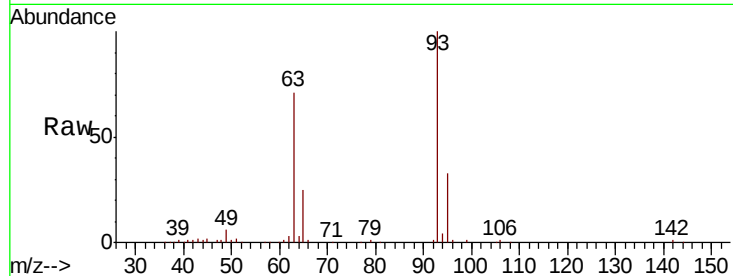




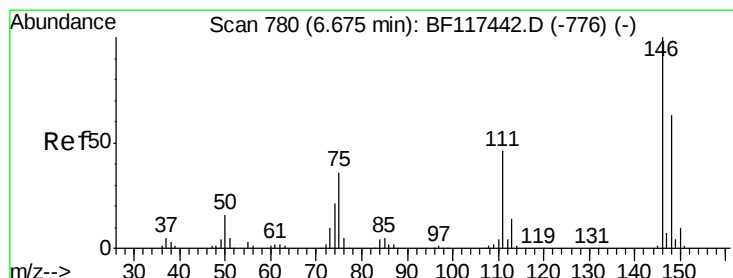
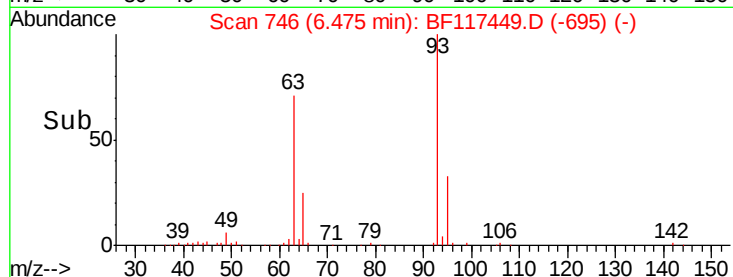
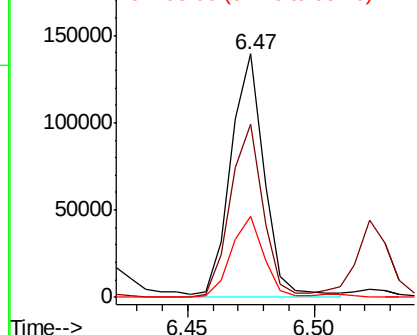
#11
bis(2-Chloroethyl)ether
Concen: 42.060 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 128449
Ion Ratio Lower Upper
93 100
63 71.3 50.2 90.2
95 33.0 13.9 53.9

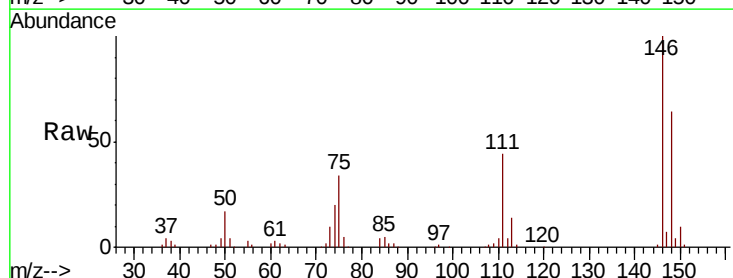


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

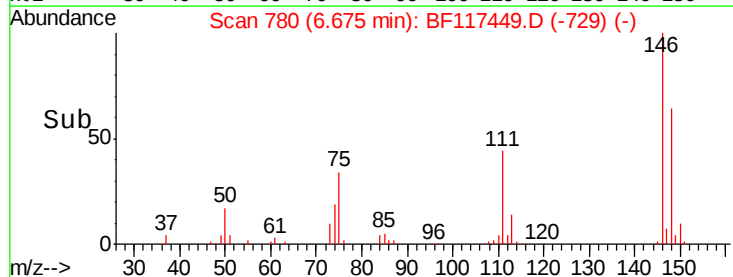
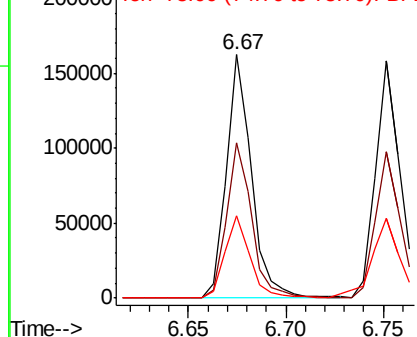


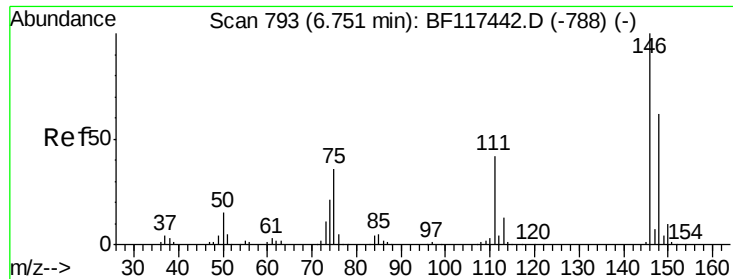
#12
1,3-Dichlorobenzene
Concen: 40.827 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion: 146 Resp: 144803
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 34.0 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

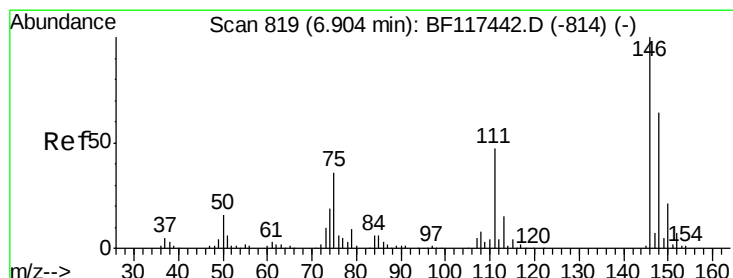
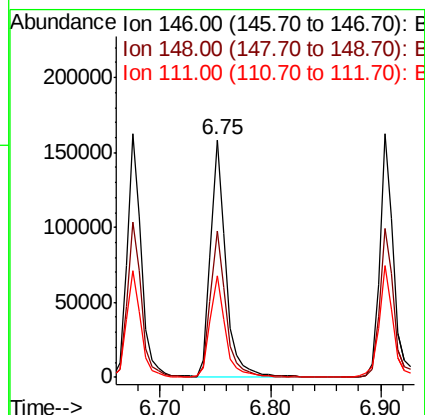
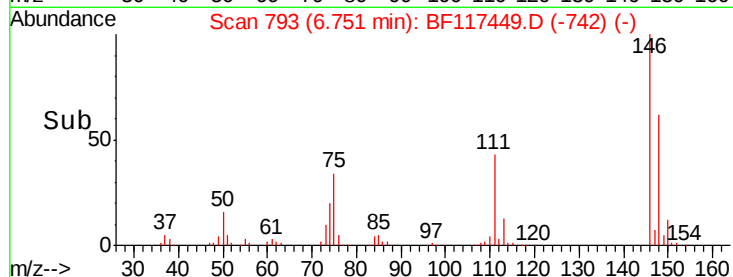
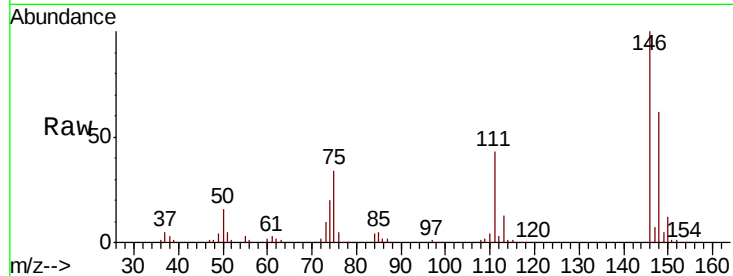




#13
 1,4-Dichlorobenzene
 Concen: 41.400 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

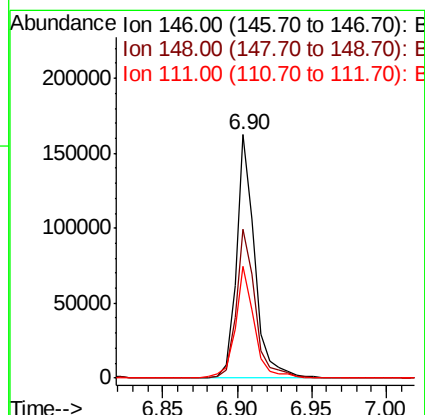
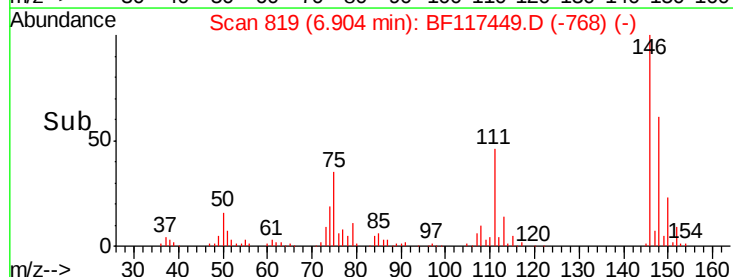
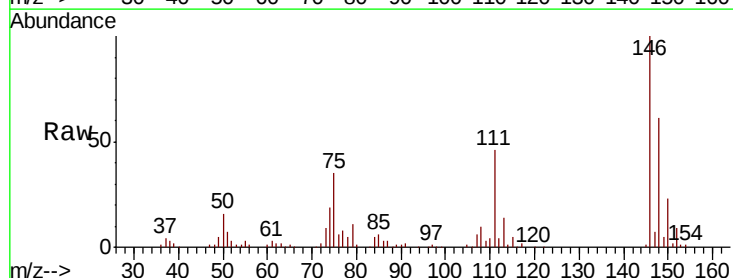
Instrument :
 BNA_F
 ClientSampleId :

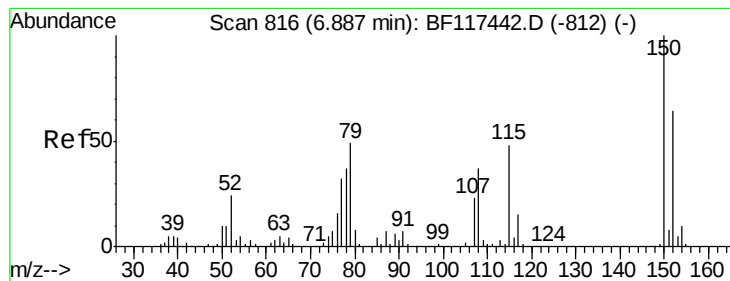
Tot Ion:146 Resp: 148955
 Ion Ratio Lower Upper
 146 100
 148 61.7 49.3 73.9
 111 42.5 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 41.572 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion:146 Resp: 140993
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.4 77.0
 111 45.9 37.7 56.5





#15

Benzyl Alcohol

Concen: 41.796 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampled :

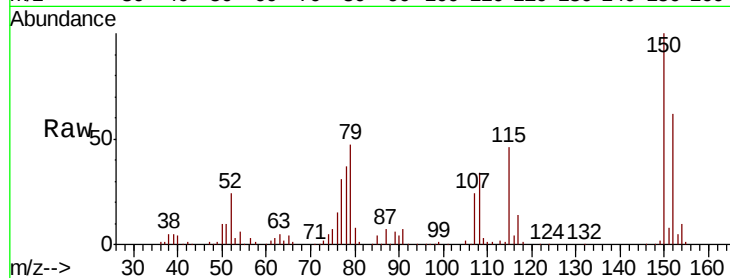
Tot Ion: 79 Resp: 120799

Ion Ratio Lower Upper

79 100

108 72.7 59.8 89.8

77 65.5 51.4 77.0

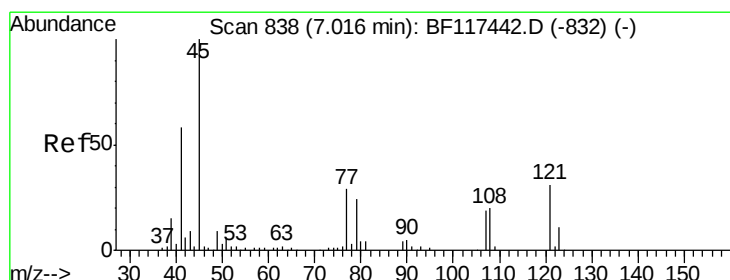
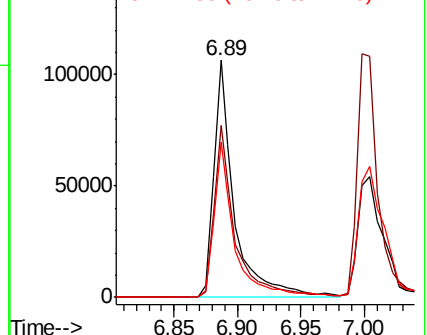
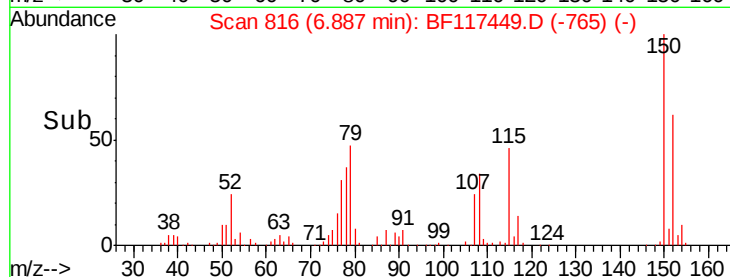


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.045 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

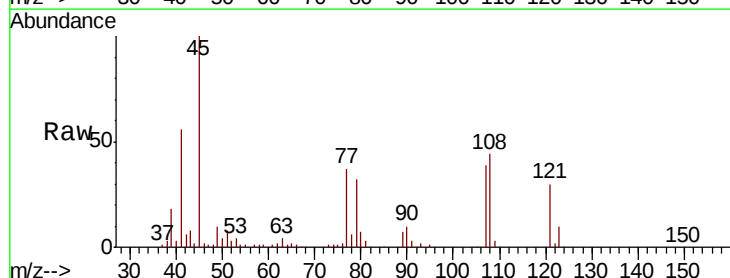
Tgt Ion: 45 Resp: 135222

Ion Ratio Lower Upper

45 100

77 37.3 9.9 49.9

79 31.8 5.5 45.5

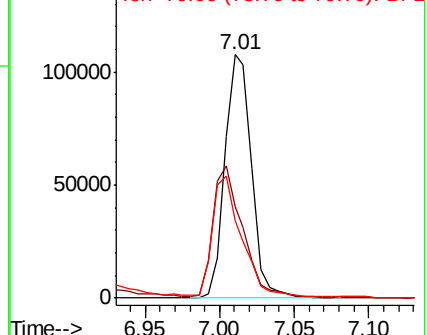
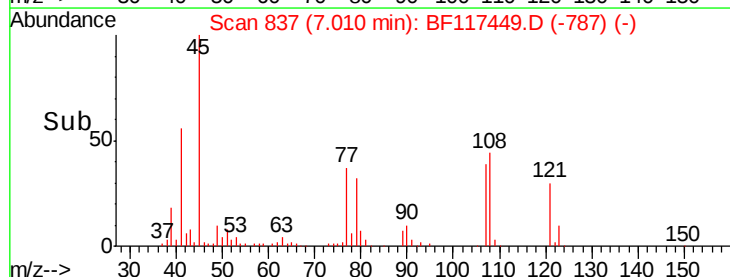


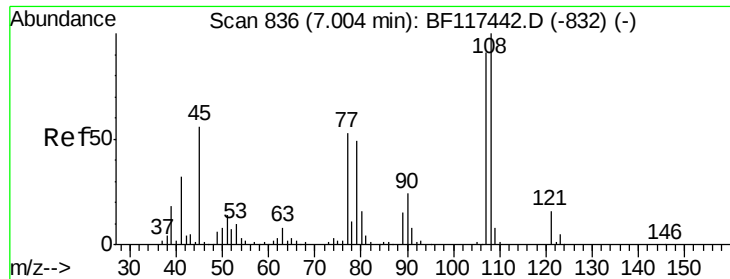
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.896 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 112152

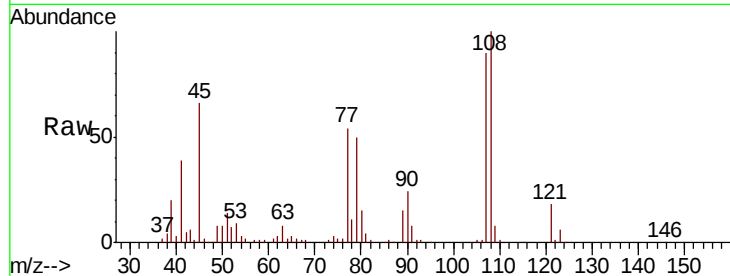
Ion Ratio Lower Upper

107 100

108 111.4 88.0 132.0

77 60.2 47.2 70.8

79 55.5 44.1 66.1

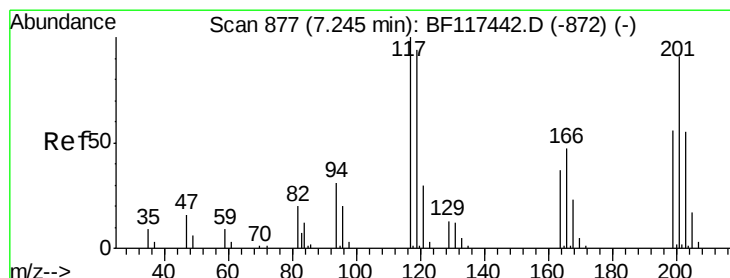
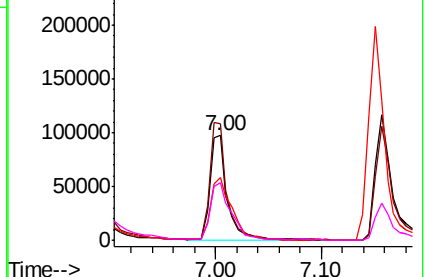
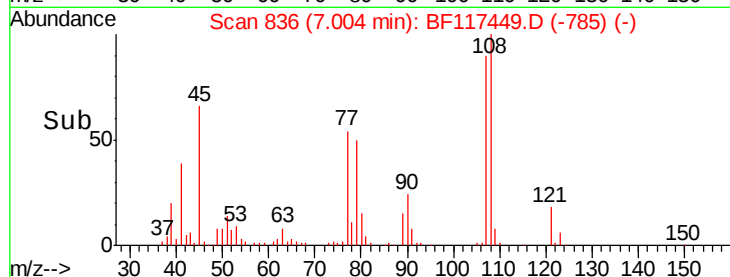


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.212 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

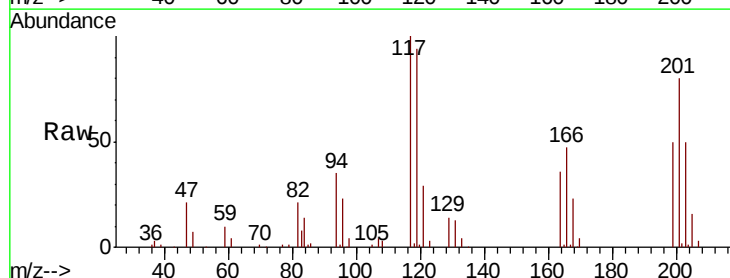
Tgt Ion:117 Resp: 57876

Ion Ratio Lower Upper

117 100

119 94.0 75.4 113.0

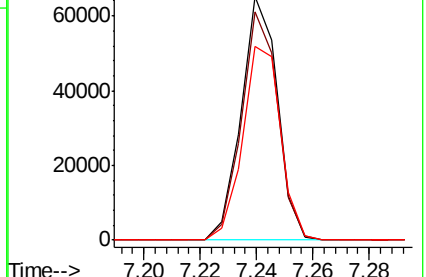
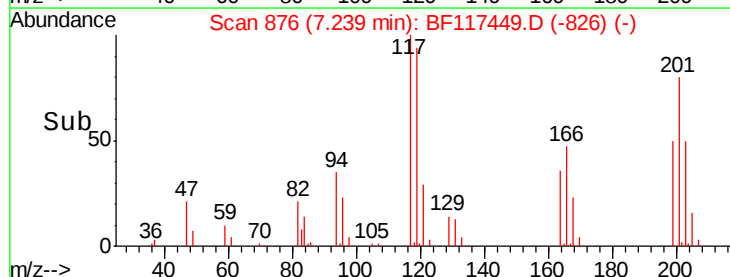
201 79.6 72.5 108.7

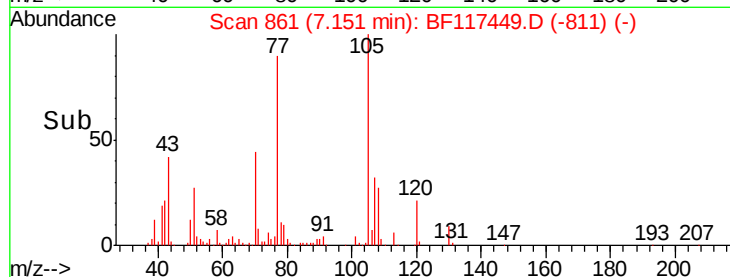
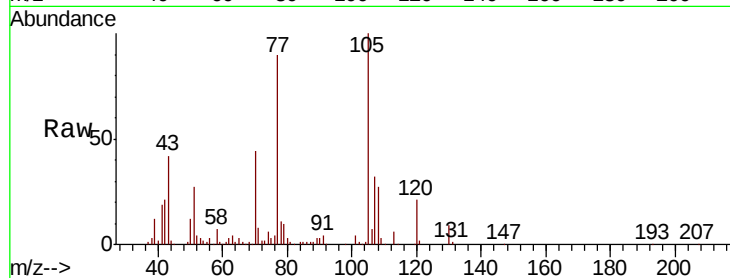
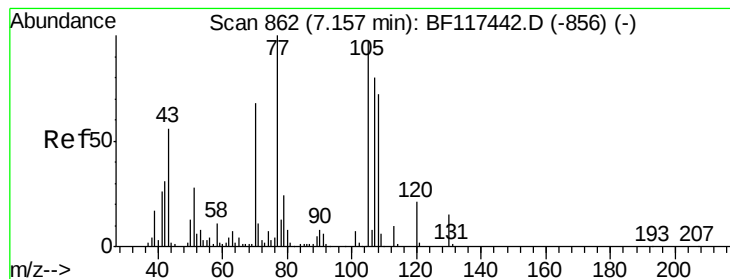


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.646 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 100420

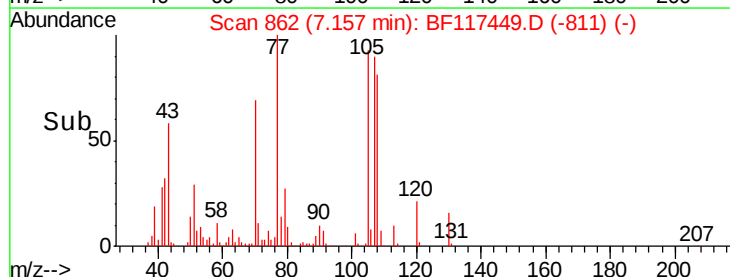
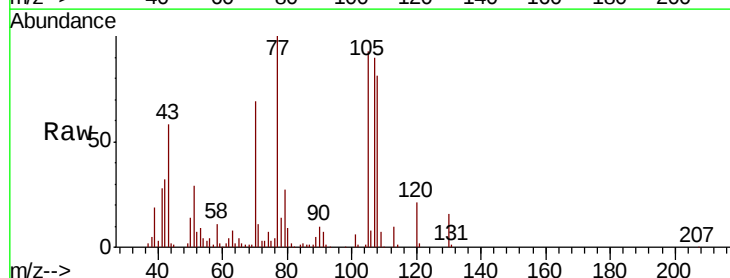
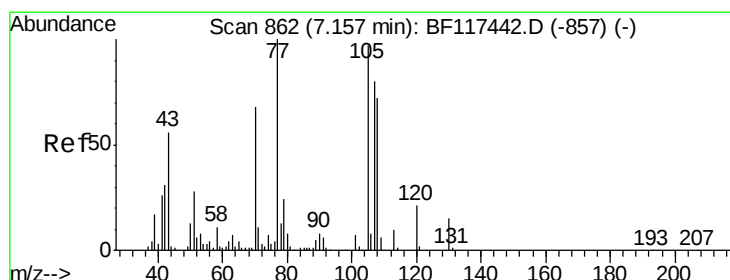
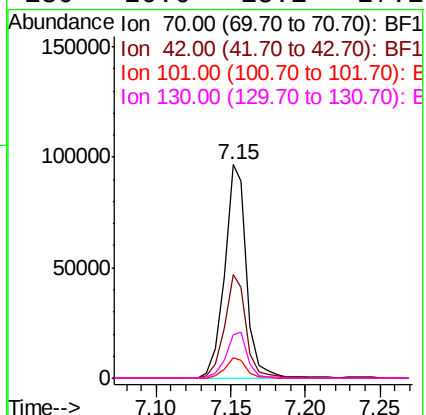
Ion Ratio Lower Upper

70 100

42 48.8 36.7 55.1

101 9.4 8.3 12.5

130 20.6 18.1 27.1



#20

3+4-Methylphenols

Concen: 41.585 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Tgt Ion:107 Resp: 142550

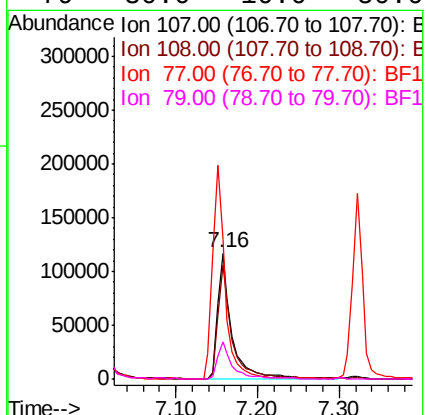
Ion Ratio Lower Upper

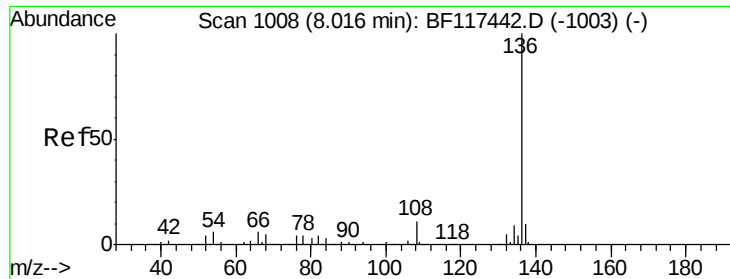
107 100

108 90.2 70.3 110.3

77 111.0 104.8 144.8

79 30.0 10.0 50.0

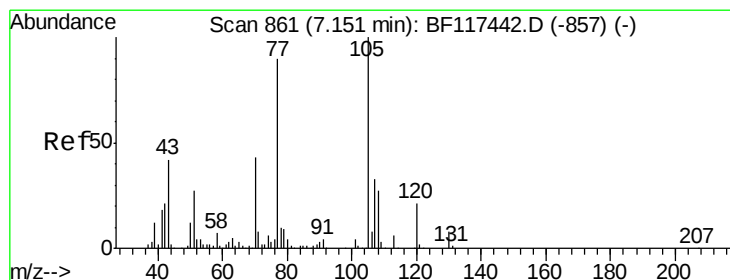
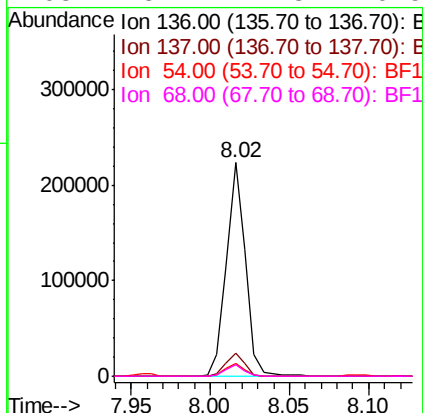
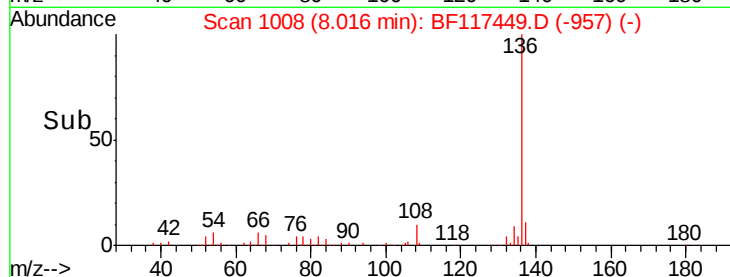
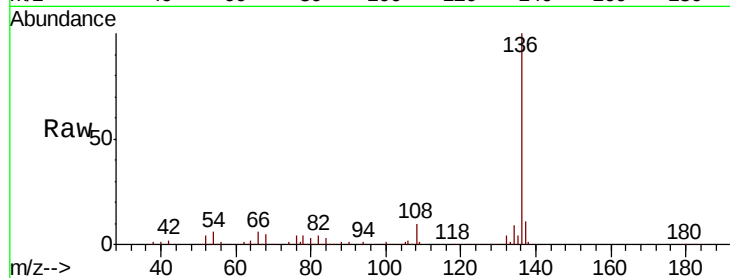




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

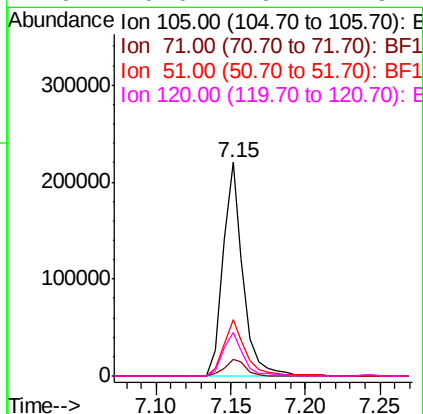
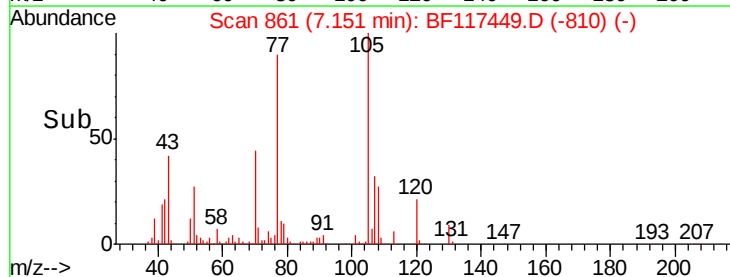
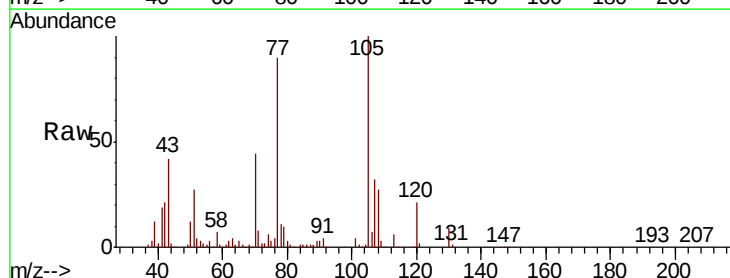
Instrument :
BNA_F
ClientSampleId :

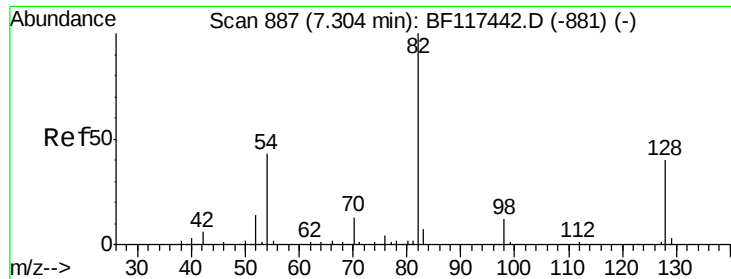
Tot Ion:136	Resp:	186191
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.2 12.4
54	6.1	4.5 6.7
68	5.4	4.3 6.5



#22
Acetophenone
Concen: 41.940 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:105	Resp:	207356
Ion Ratio	Lower	Upper
105	100	
71	7.6	6.2 9.2
51	26.5	21.8 32.6
120	20.6	16.7 25.1

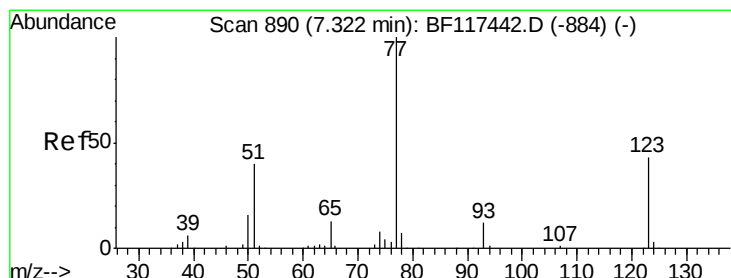
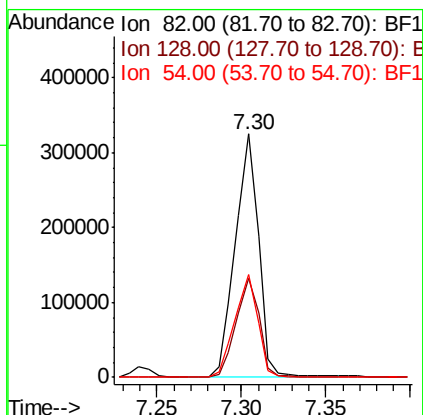
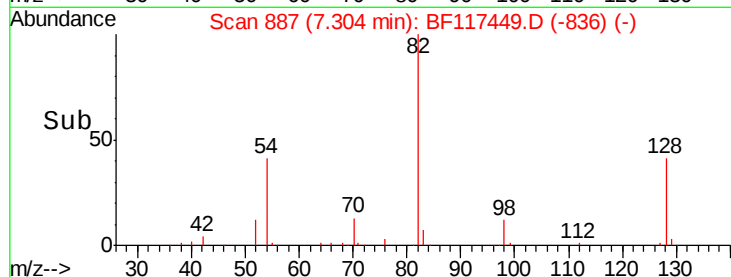
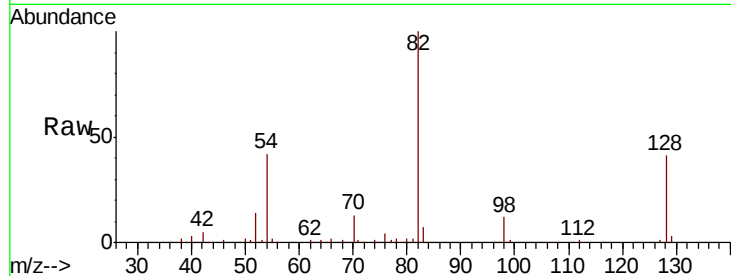




#23
Nitrobenzene-d5
Concen: 83.216 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

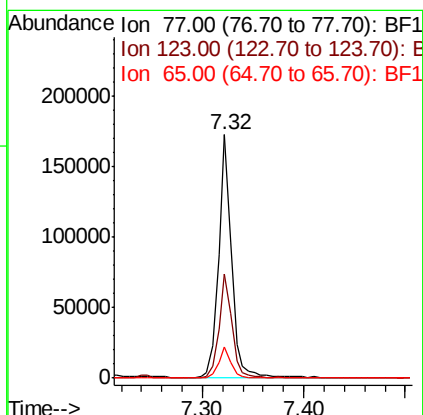
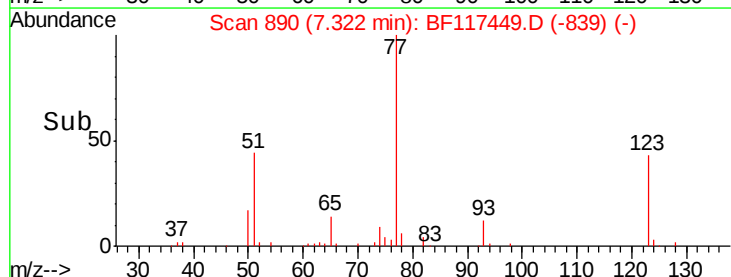
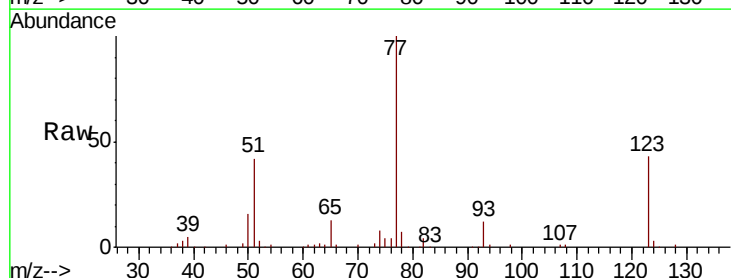
Instrument :
BNA_F
ClientSampleId :

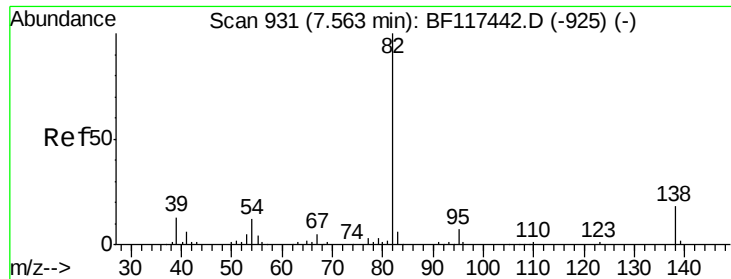
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.2
54	42.2	34.2	51.2



#24
Nitrobenzene
Concen: 42.273 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	34.2	51.2
65	12.9	10.3	15.5





#25

Isophorone

Concen: 41.676 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

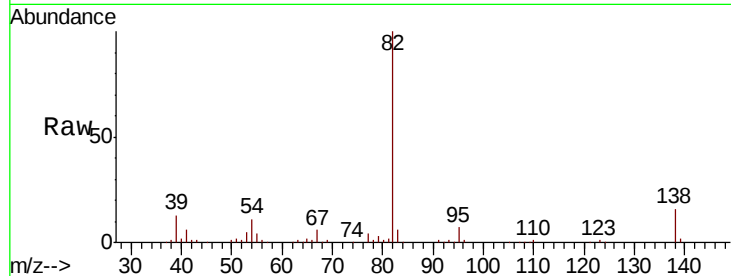
Tot Ion: 82 Resp: 271914

Ion Ratio Lower Upper

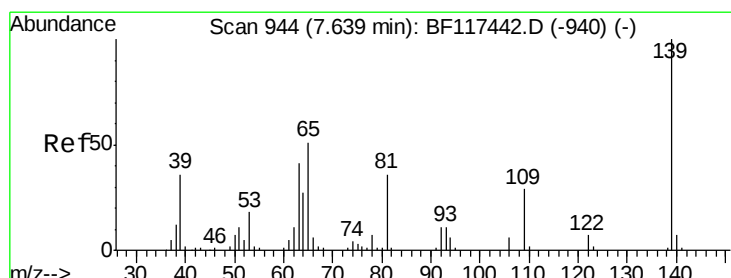
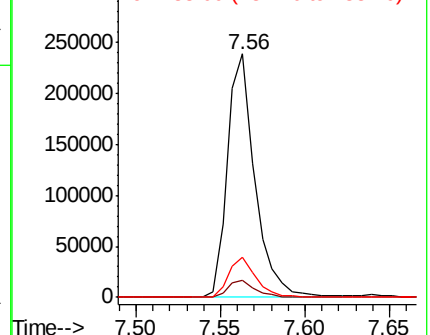
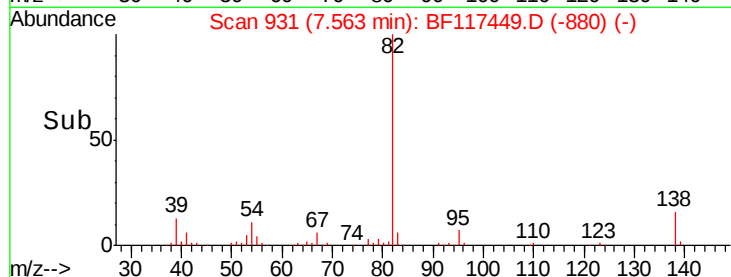
82 100

95 7.3 5.4 8.0

138 16.4 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.050 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

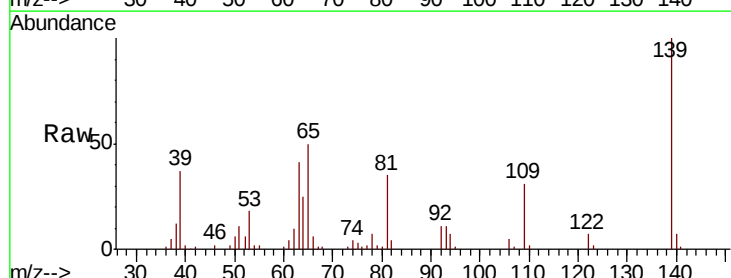
Tgt Ion: 139 Resp: 66136

Ion Ratio Lower Upper

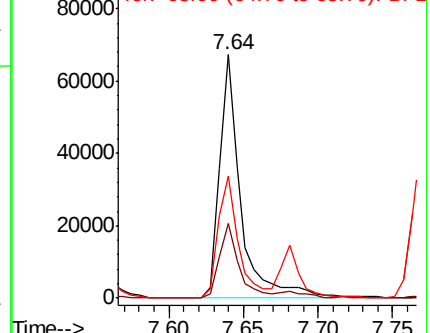
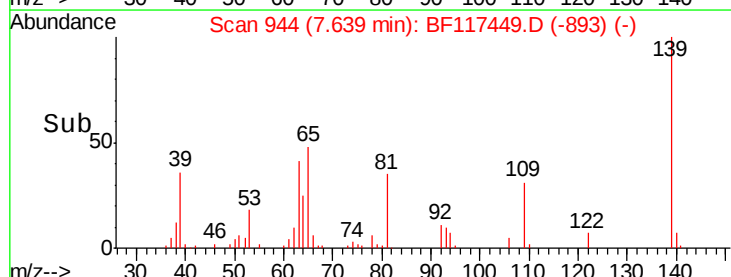
139 100

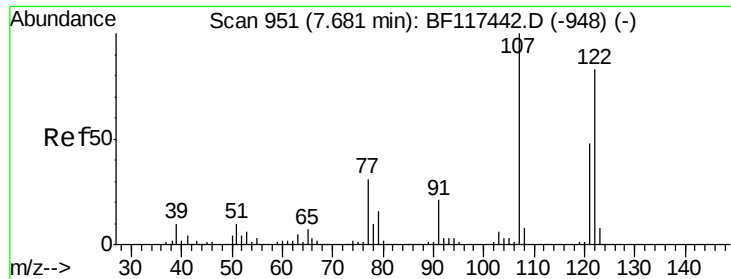
109 30.5 23.2 34.8

65 50.3 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

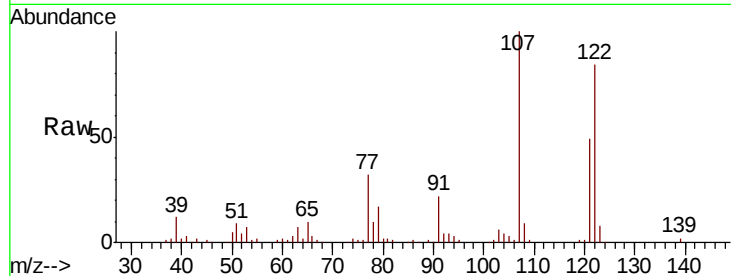




#27
 2,4-Dimethylphenol
 Concen: 41.828 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	96.8	145.2
121	58.4	46.4	69.6

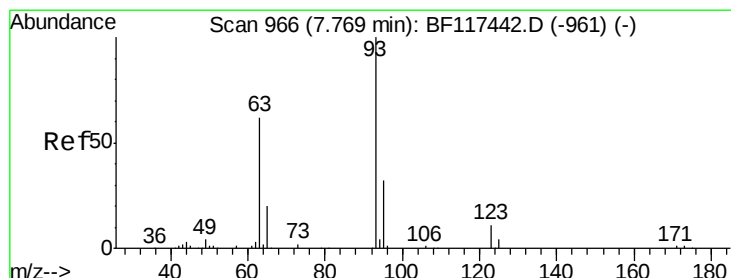
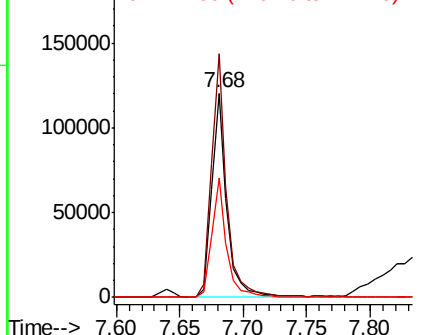
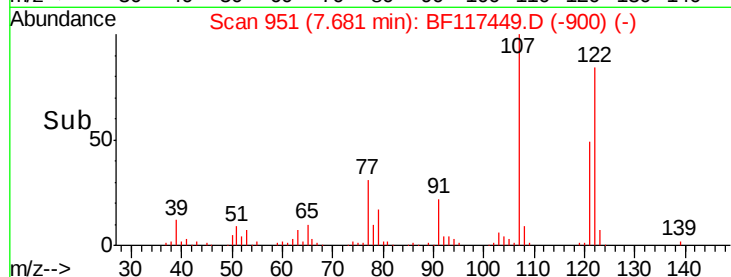


Abundance

Ion 122.00 (121.70 to 122.70): E

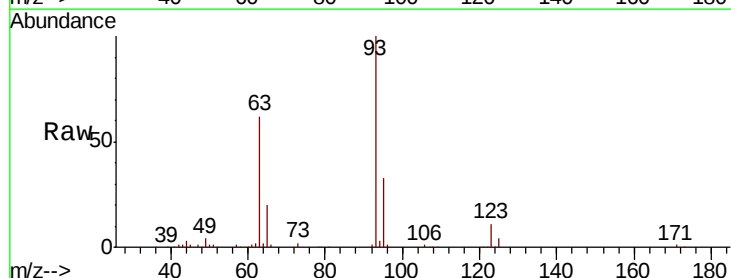
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.867 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.5	38.3
123	11.0	9.0	13.6

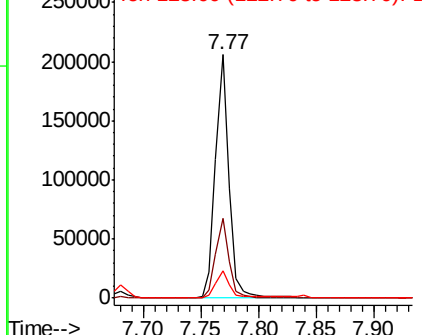
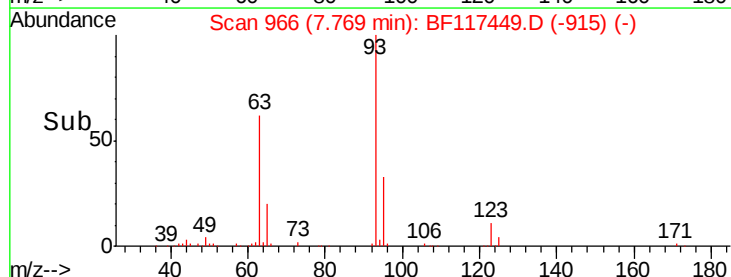


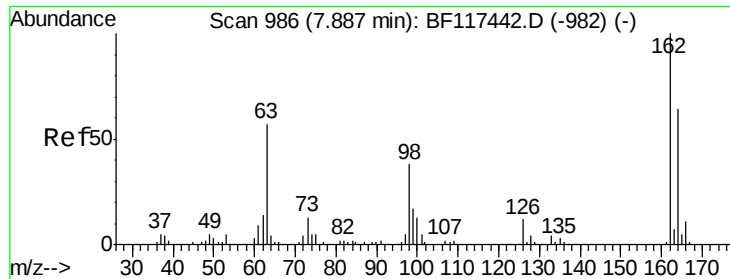
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

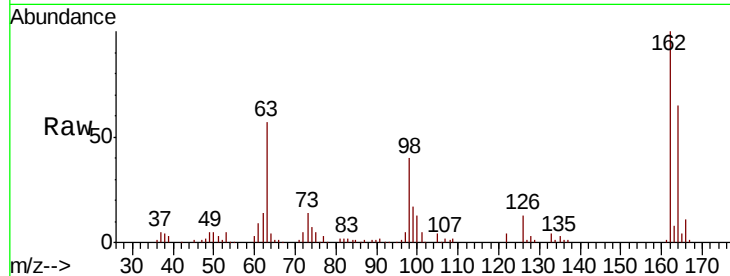




#29
2,4-Dichlorophenol
Concen: 41.775 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.4	84.4
98	39.7	18.2	58.2

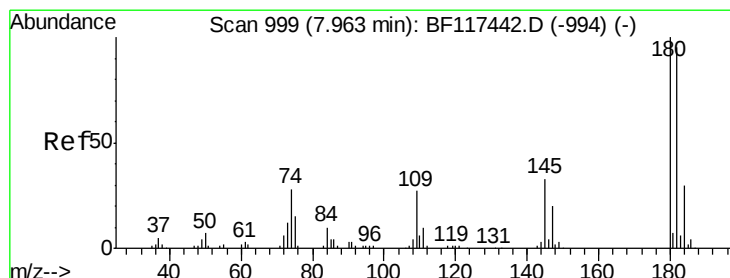
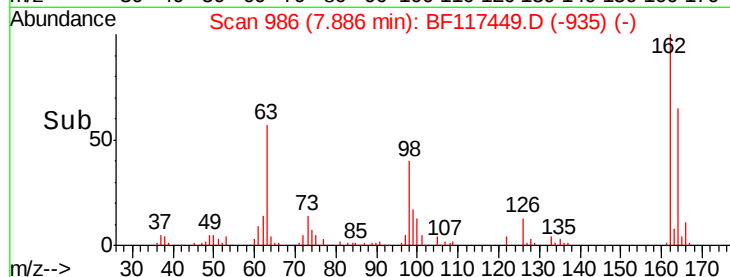
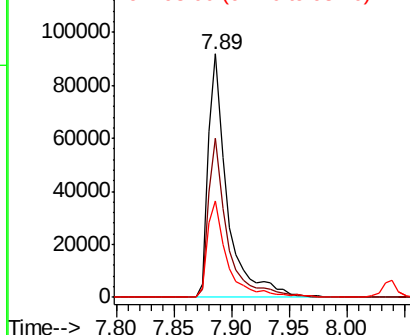


Abundance

Ion 162.00 (161.70 to 162.70): E

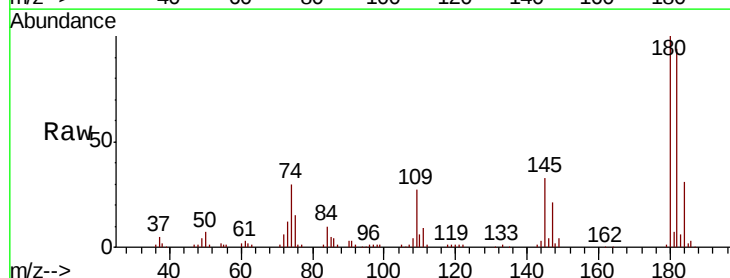
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.916 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.8
145	32.7	26.5	39.7

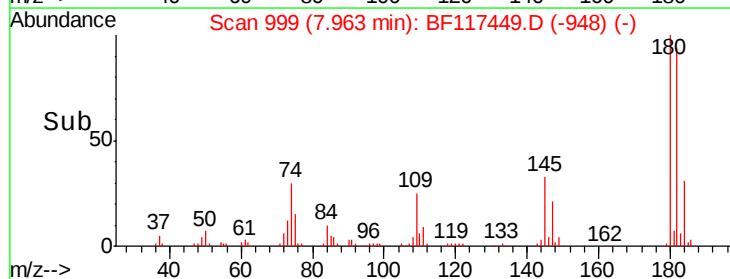
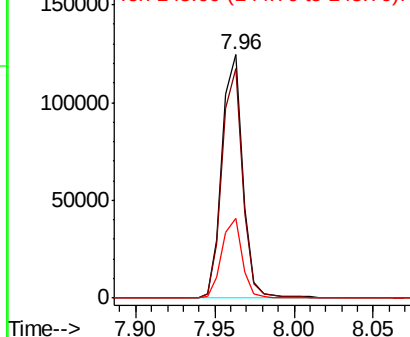


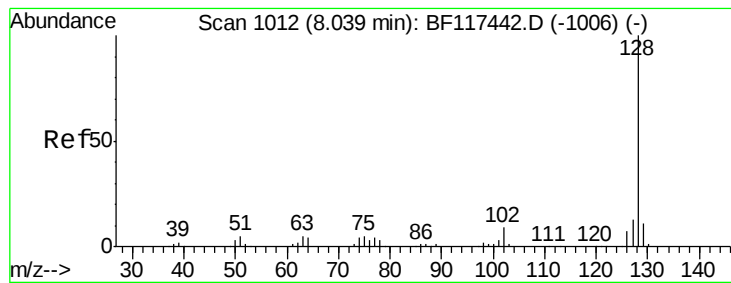
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.613 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

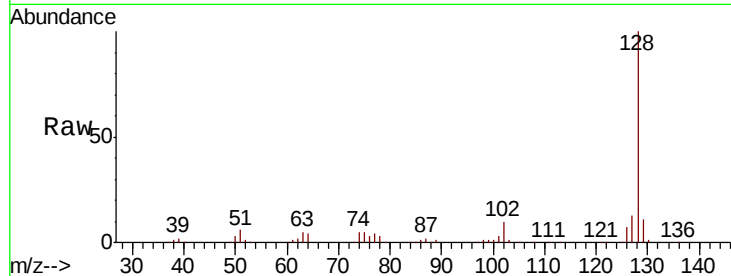
Tot Ion:128 Resp: 384041

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

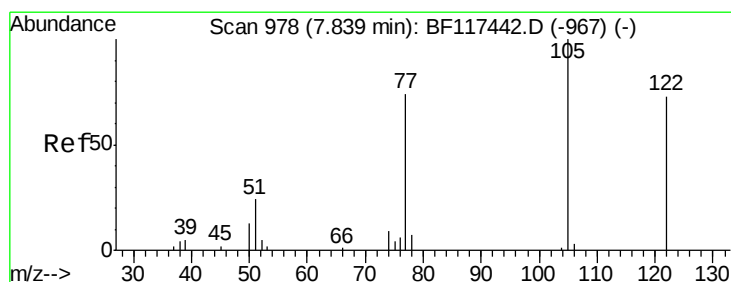
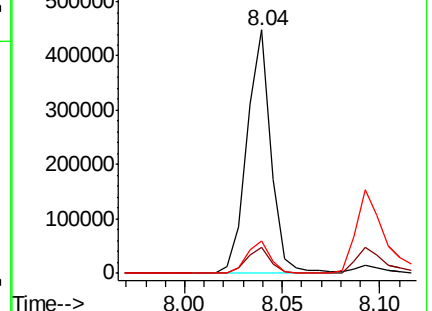
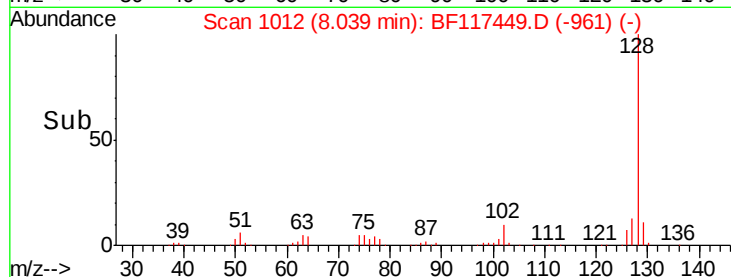
127 13.2 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.526 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

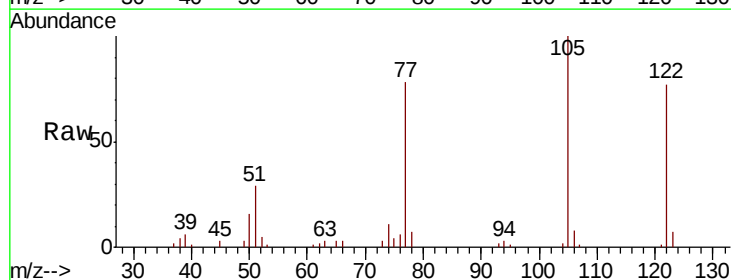
Tgt Ion:122 Resp: 66834

Ion Ratio Lower Upper

122 100

105 129.8 115.0 155.0

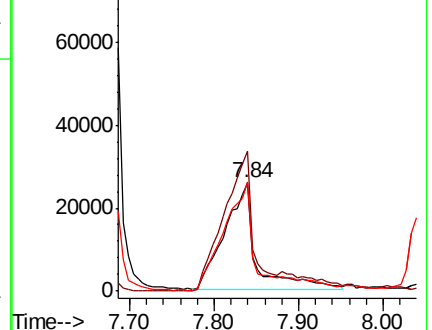
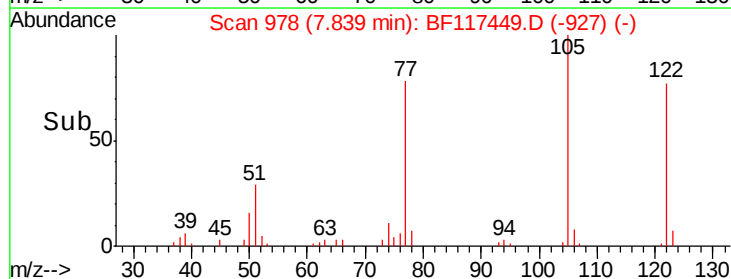
77 100.7 79.7 119.7

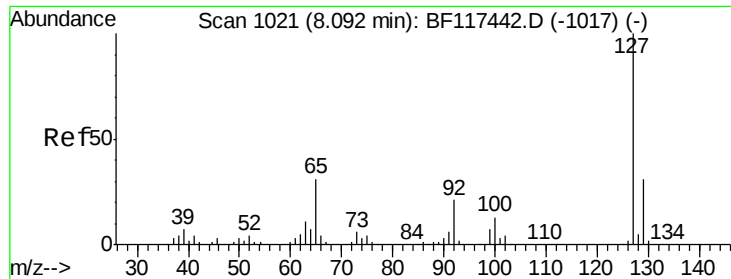


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

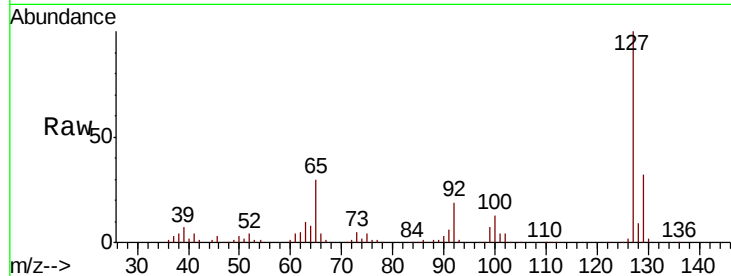




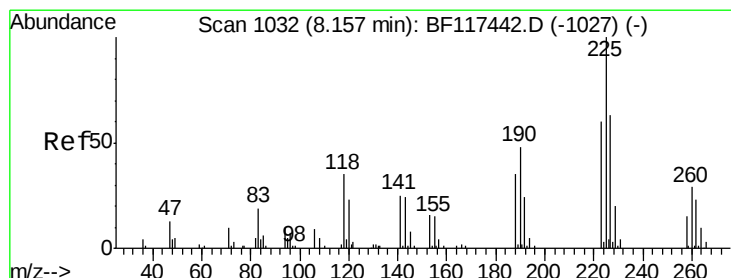
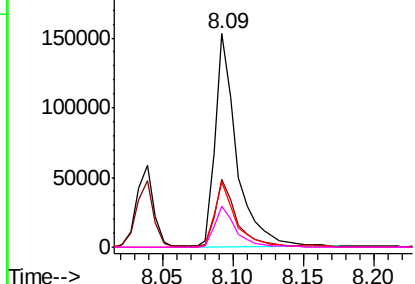
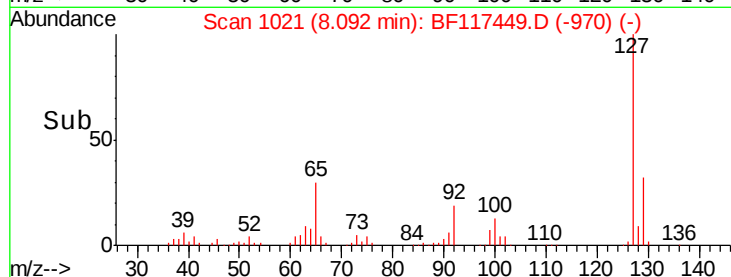
#33
4-Chloroaniline
Concen: 41.545 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	161812
Ion Ratio	Lower	Upper
127	100	
129	31.9	24.8 37.2
65	30.3	24.6 37.0
92	19.2	16.5 24.7

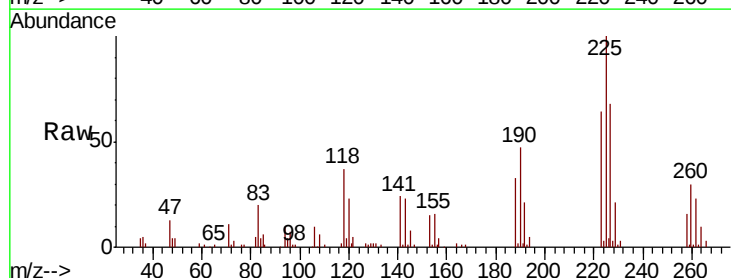


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

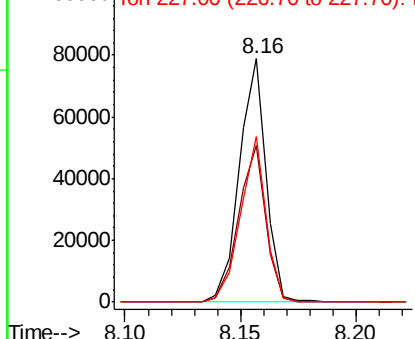
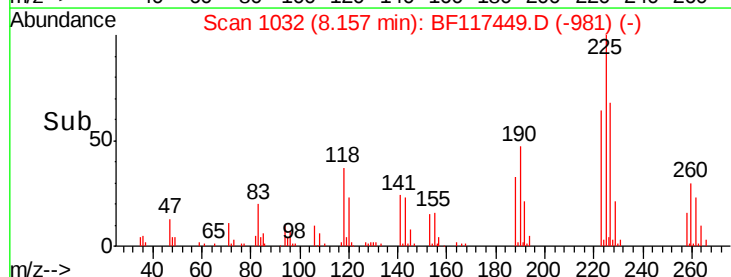


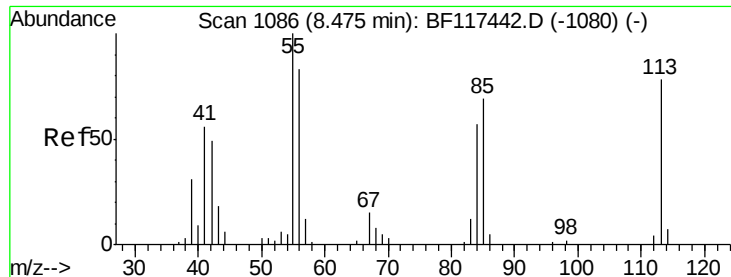
#34
Hexachlorobutadiene
Concen: 40.517 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:225	Resp:	63556
Ion Ratio	Lower	Upper
225	100	
223	64.3	48.2 72.4
227	67.8	50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

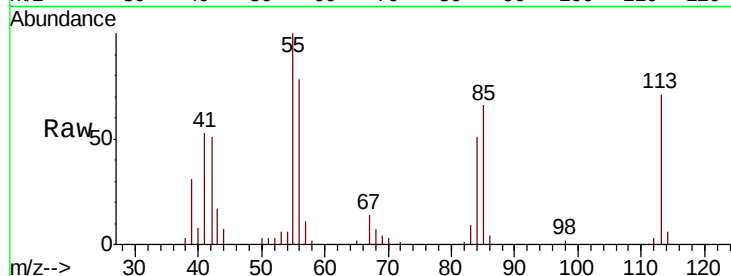




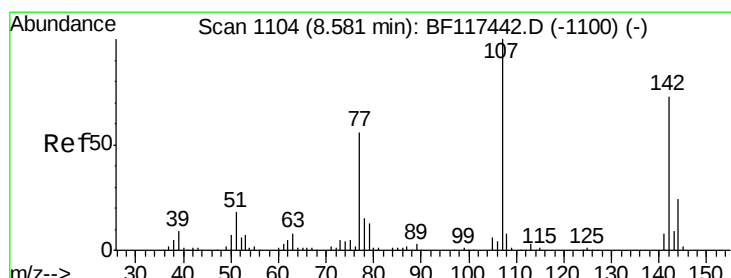
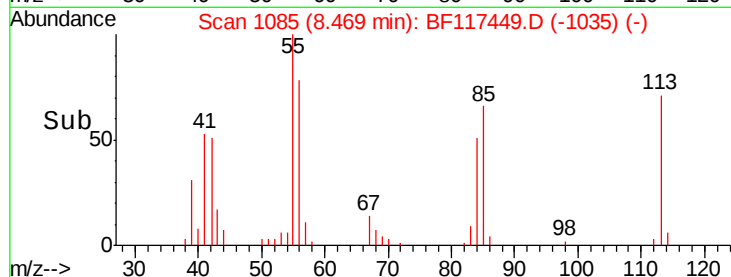
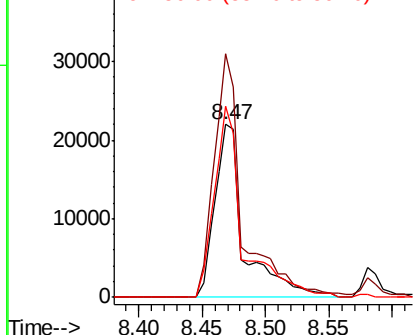
#35
Caprolactam
Concen: 43.884 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 35602
Ion Ratio Lower Upper
113 100
55 140.7 108.8 148.8
56 110.4 87.2 127.2

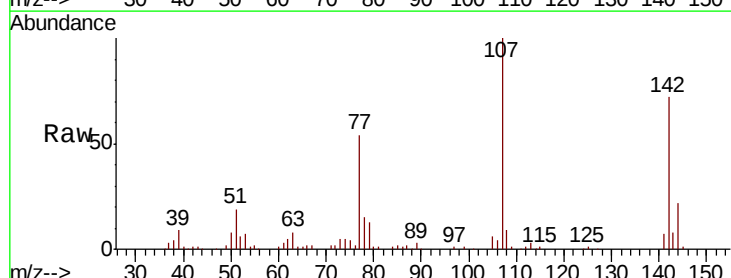


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

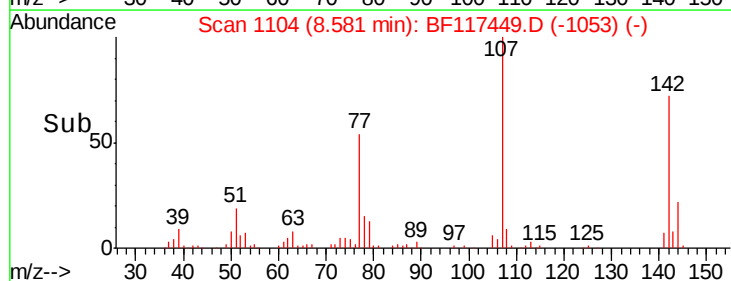
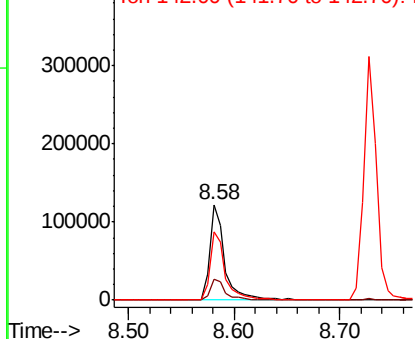


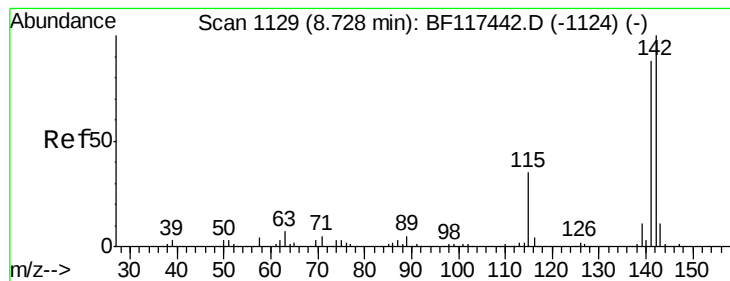
#36
4-Chloro-3-methylphenol
Concen: 41.926 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:107 Resp: 120756
Ion Ratio Lower Upper
107 100
144 22.4 18.9 28.3
142 71.7 58.6 88.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.000 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

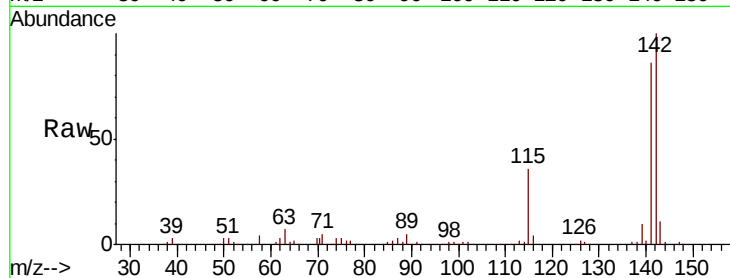
Tot Ion:142 Resp: 254963

Ion Ratio Lower Upper

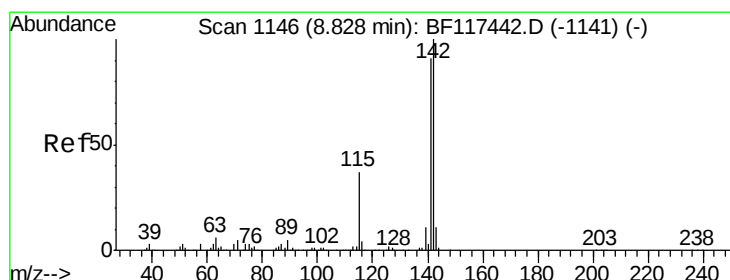
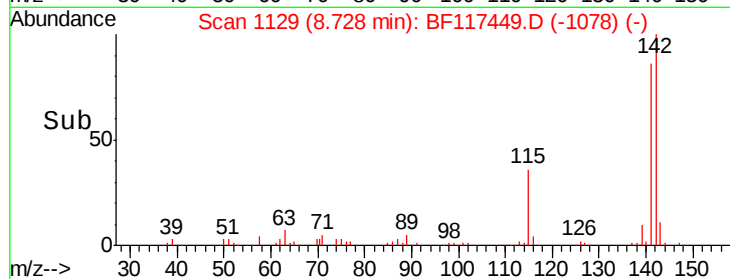
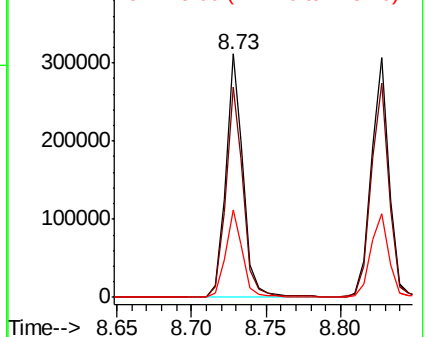
142 100

141 86.3 70.3 105.5

115 35.7 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.990 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

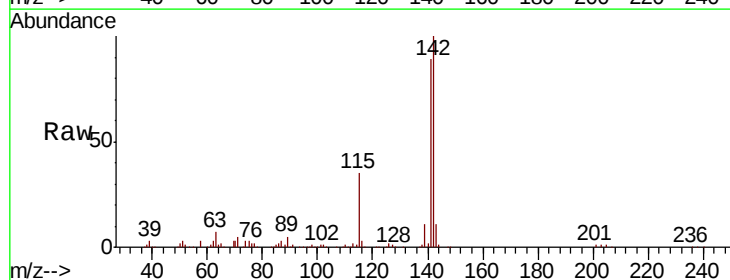
Tgt Ion:142 Resp: 245372

Ion Ratio Lower Upper

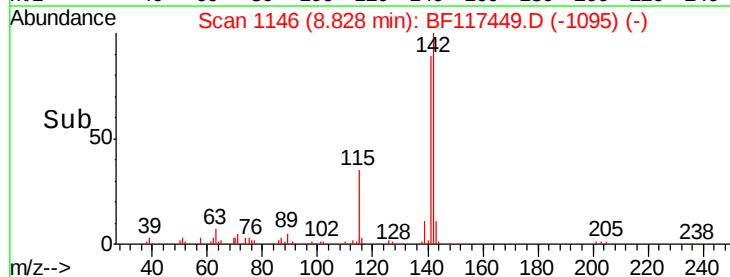
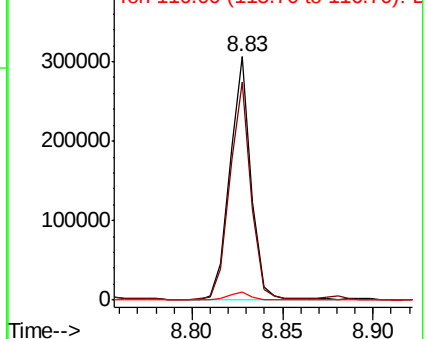
142 100

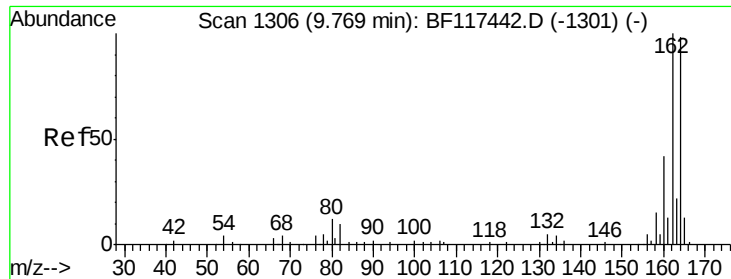
141 89.4 73.3 109.9

116 3.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

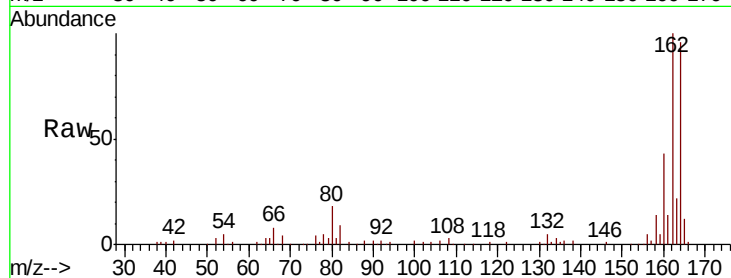
Tot Ion:164 Resp: 93885

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.6

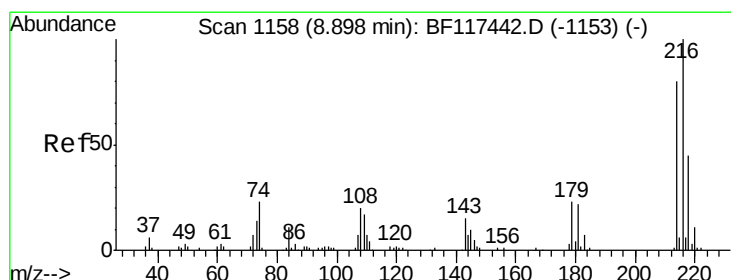
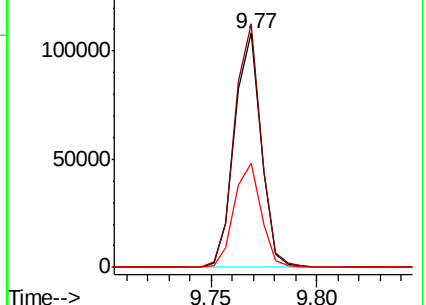
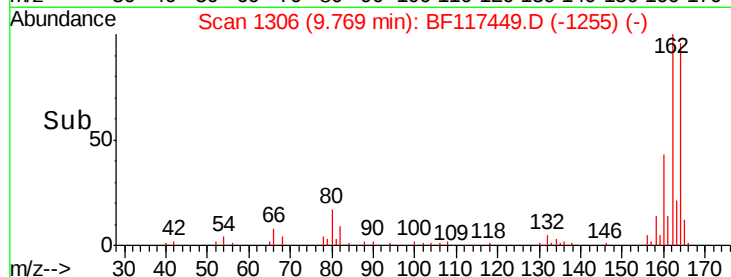
160 44.6 34.4 51.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.054 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Tgt Ion:216 Resp: 108871

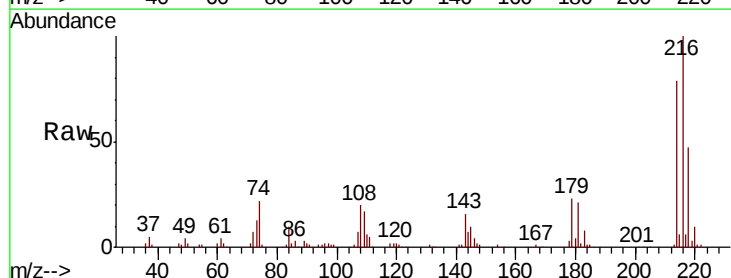
Ion Ratio Lower Upper

216 100

214 78.3 62.4 93.6

179 22.7 18.1 27.1

108 21.2 16.6 24.8

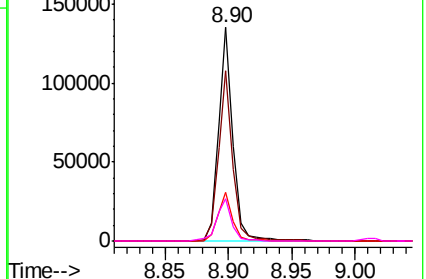
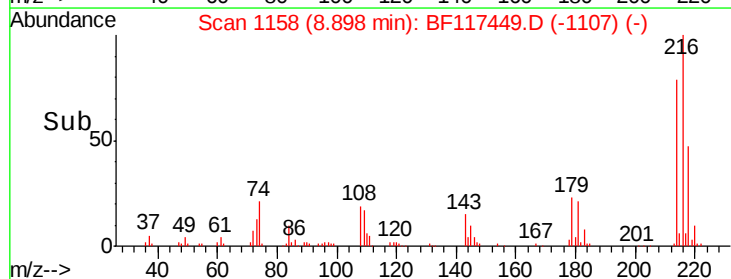


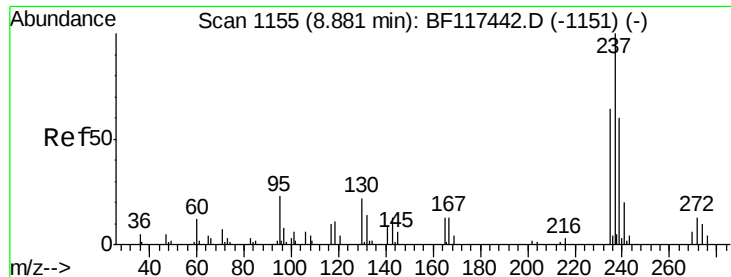
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.739 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

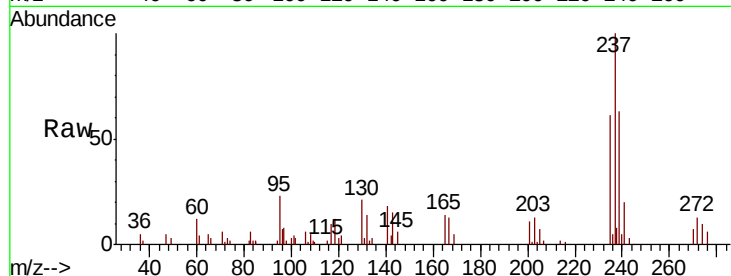
Tot Ion:237 Resp: 19251

Ion Ratio Lower Upper

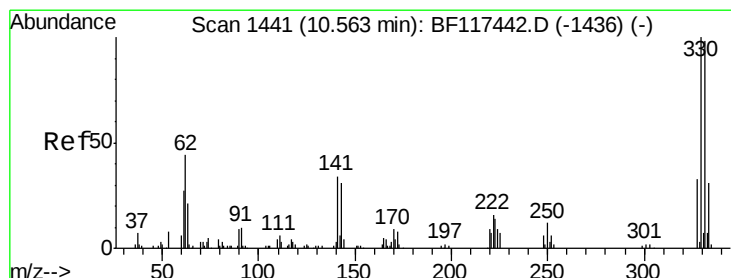
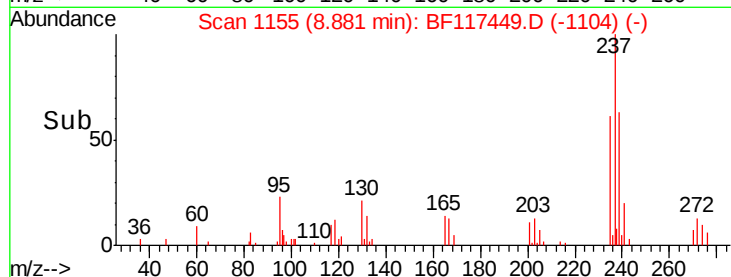
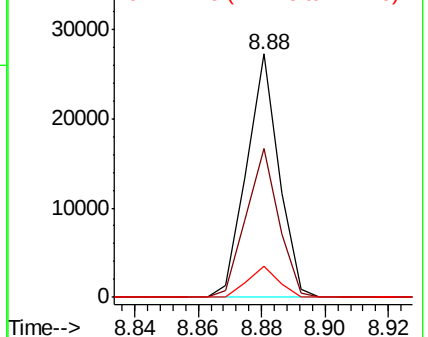
237 100

235 61.3 44.3 84.3

272 12.8 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.141 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

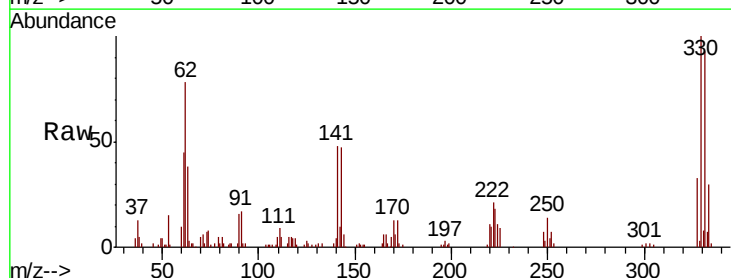
Tgt Ion:330 Resp: 67539

Ion Ratio Lower Upper

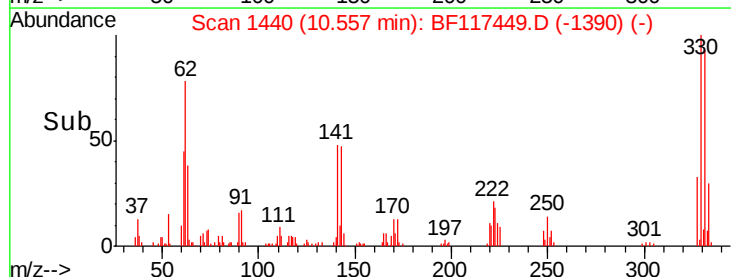
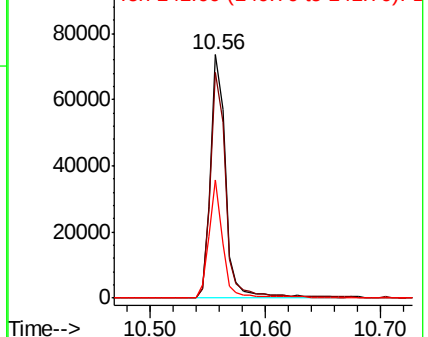
330 100

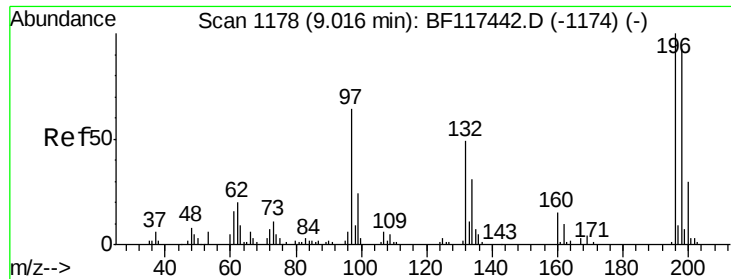
332 94.0 78.5 117.7

141 45.1 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

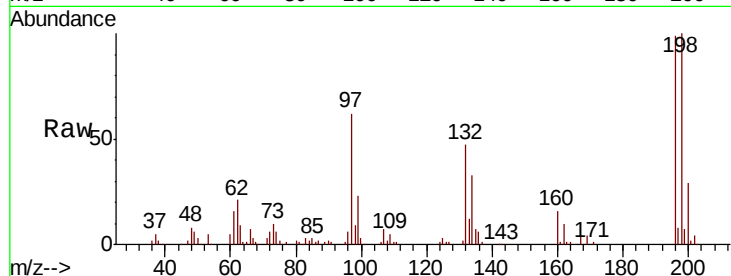




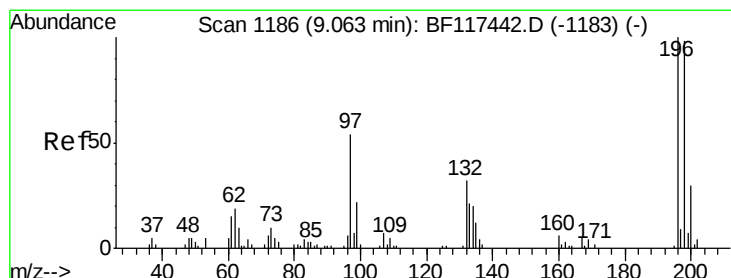
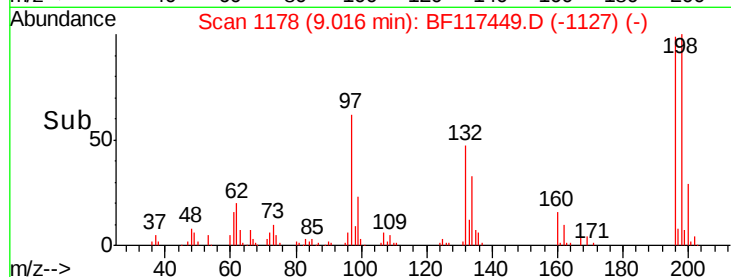
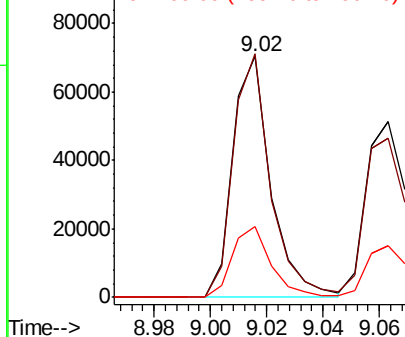
#43
 2,4,6-Trichlorophenol
 Concen: 41.745 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 66104
 Ion Ratio Lower Upper
 196 100
 198 101.1 74.1 111.1
 200 29.4 23.9 35.9



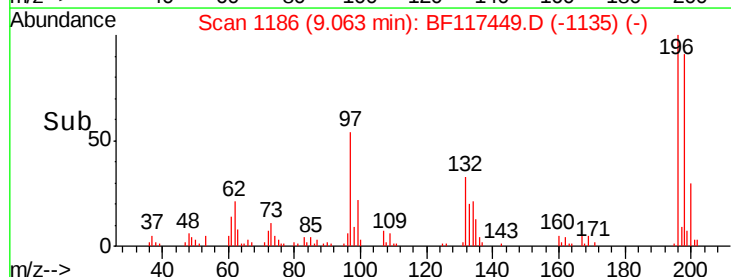
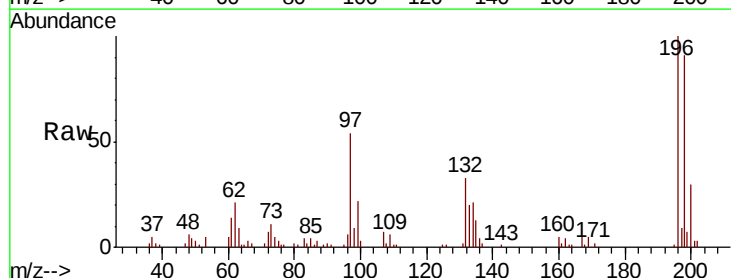
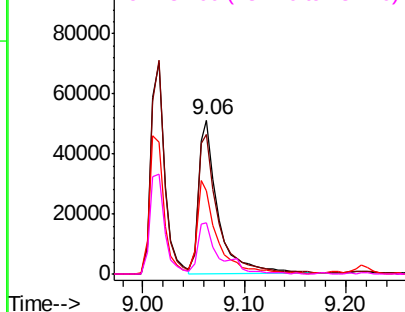
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

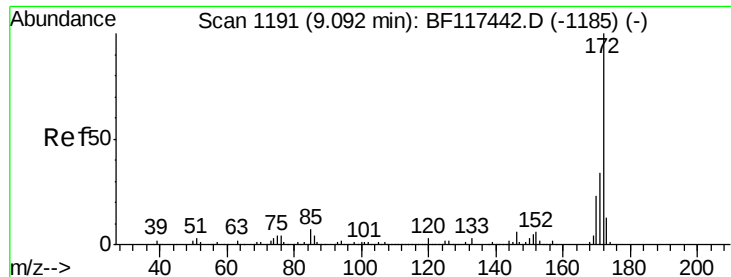


#44
 2,4,5-Trichlorophenol
 Concen: 42.083 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion:196 Resp: 67527
 Ion Ratio Lower Upper
 196 100
 198 91.0 78.6 117.8
 97 53.7 43.4 65.2
 132 33.1 26.0 39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

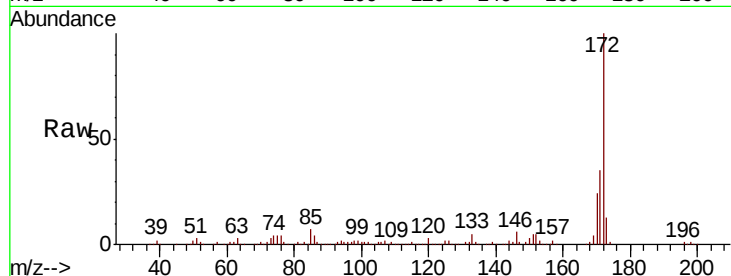




#45
2-Fluorobiphenyl
Concen: 83.853 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.5	41.3
170	23.6	18.6	27.8

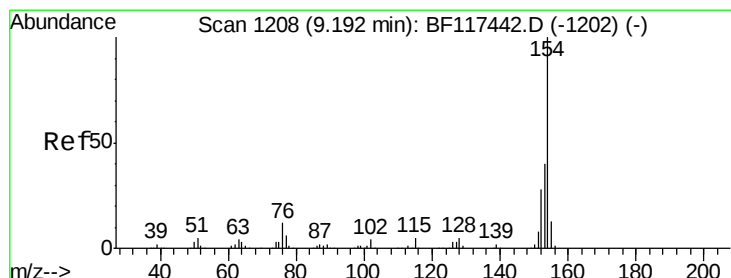
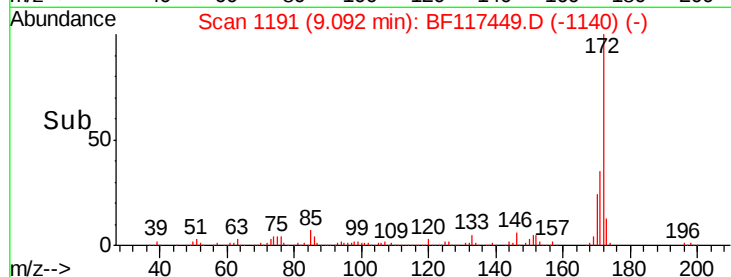
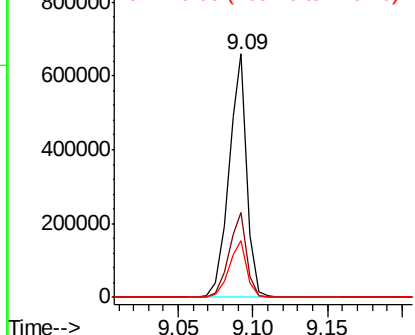


Abundance

Ion 172.00 (171.70 to 172.70): E

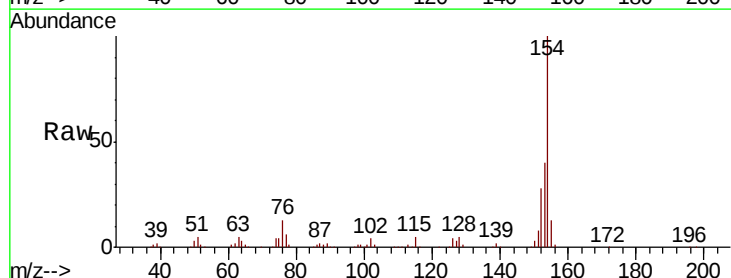
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.670 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	12.6	0.0	32.1

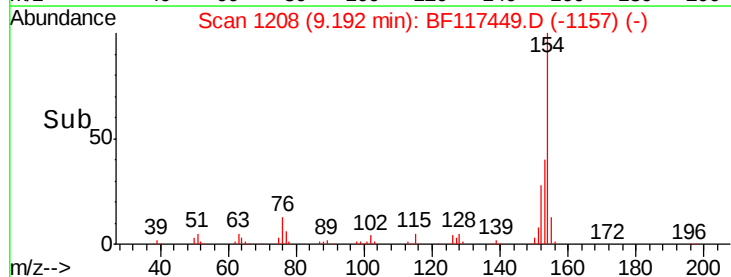
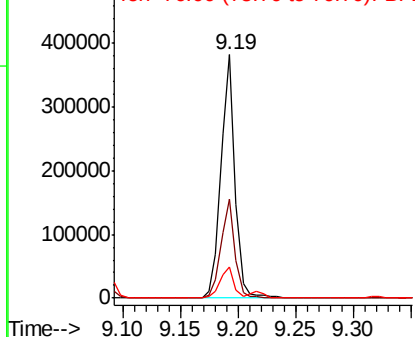


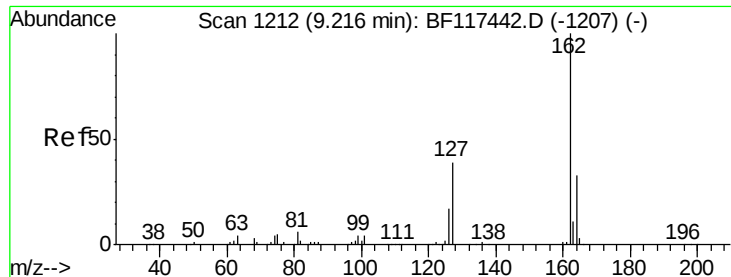
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

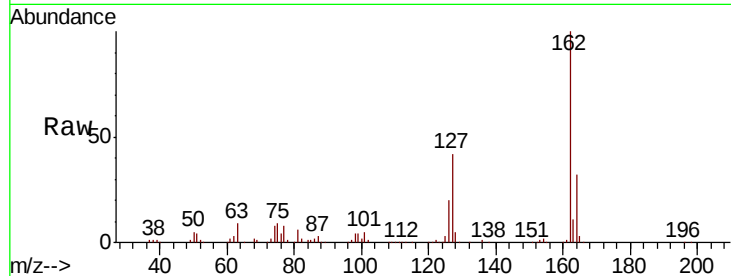




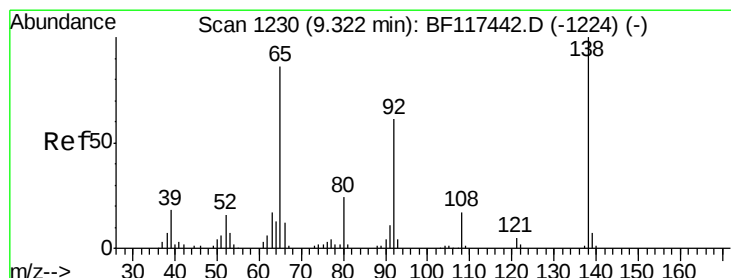
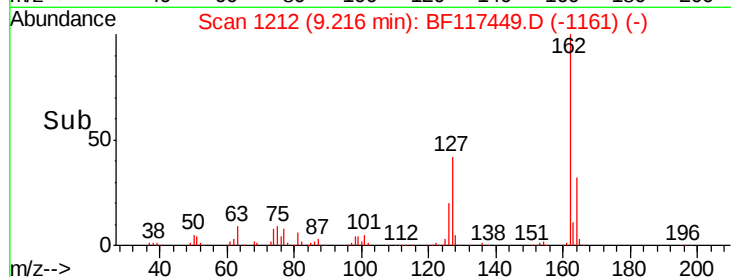
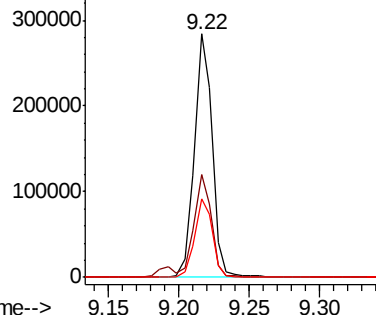
#47
 2-Chloronaphthalene
 Concen: 42.680 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	34.2	51.4
164	32.2	26.4	39.6

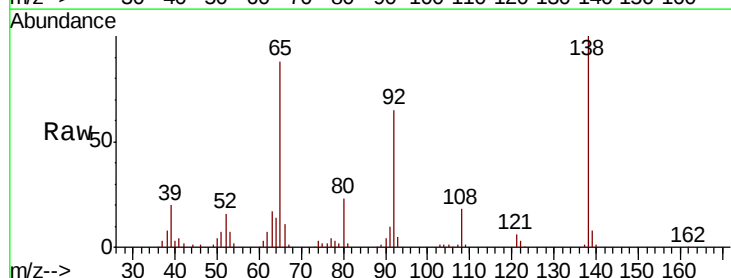


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

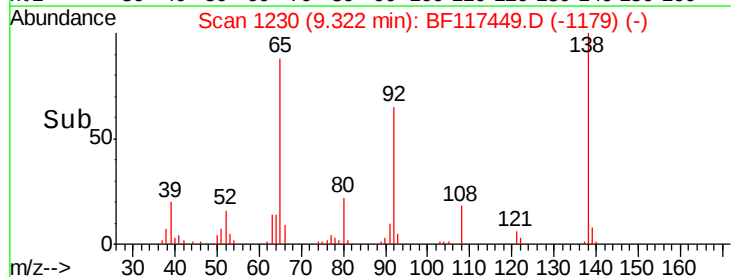
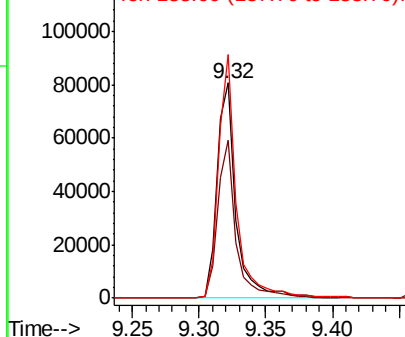


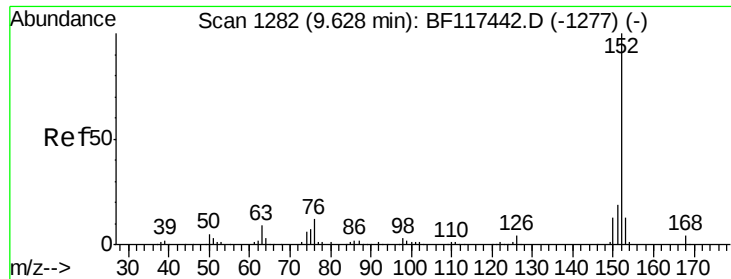
#48
 2-Nitroaniline
 Concen: 42.332 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.3	85.9
138	113.2	93.3	139.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.507 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

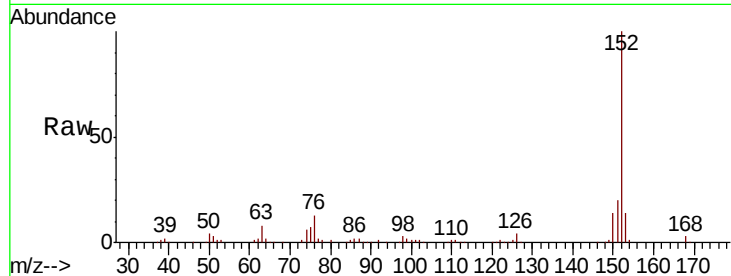
Tot Ion:152 Resp: 365886

Ion Ratio Lower Upper

152 100

151 20.4 15.4 23.0

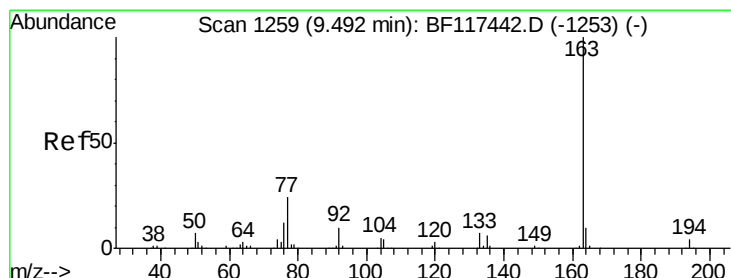
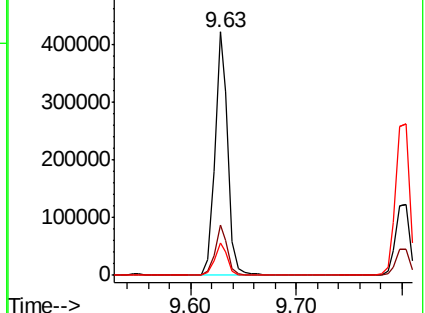
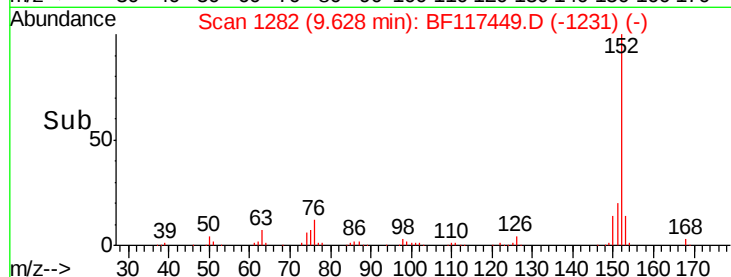
153 13.5 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.159 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

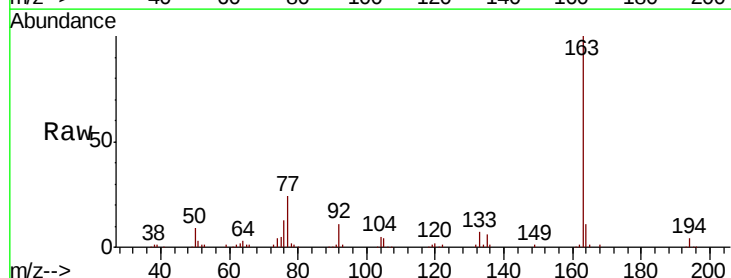
Tgt Ion:163 Resp: 282170

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

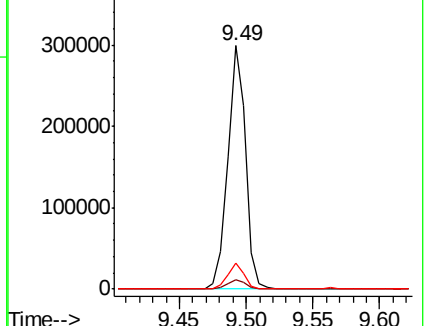
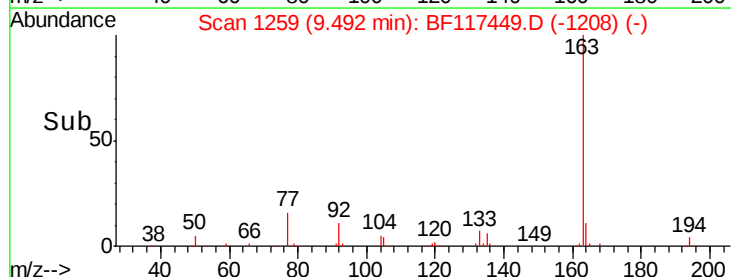
164 10.5 8.2 12.2

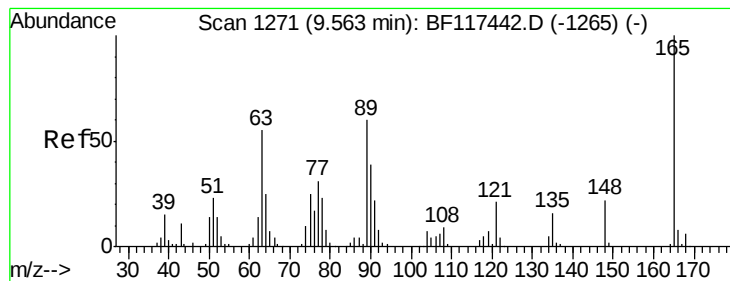


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.513 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

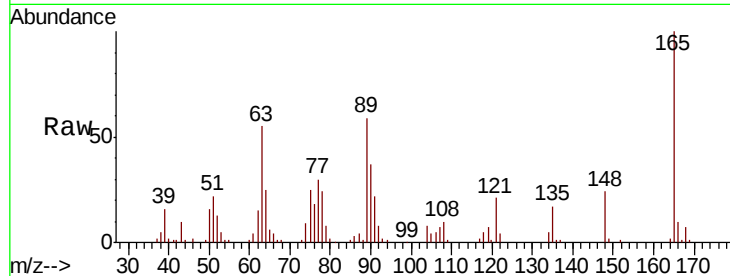
Tot Ion:165 Resp: 59376

Ion Ratio Lower Upper

165 100

63 55.3 43.8 65.8

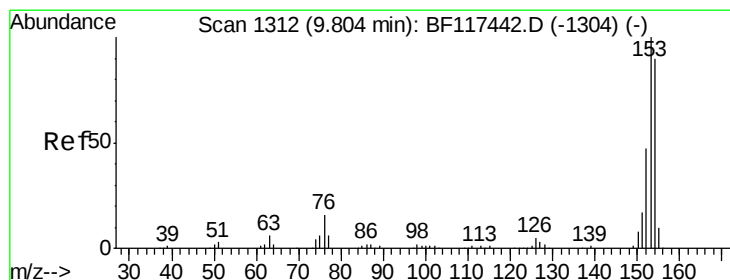
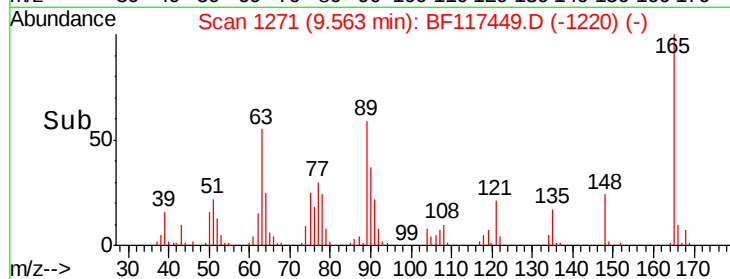
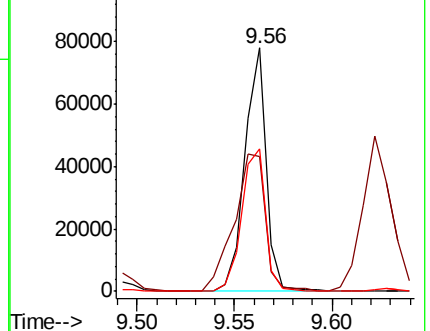
89 58.7 47.6 71.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.477 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

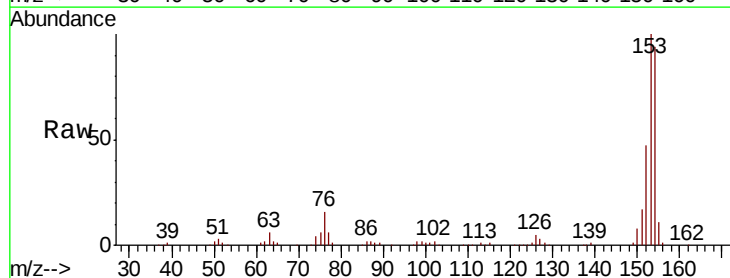
Tgt Ion:154 Resp: 224324

Ion Ratio Lower Upper

154 100

153 106.4 89.2 133.8

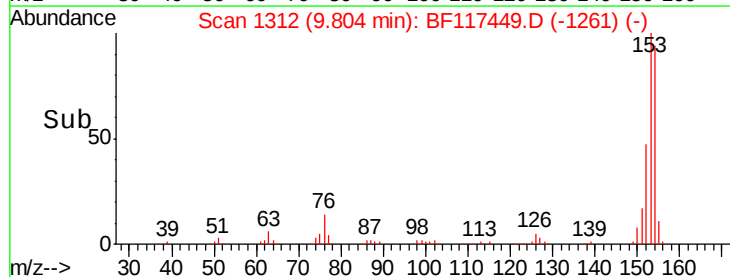
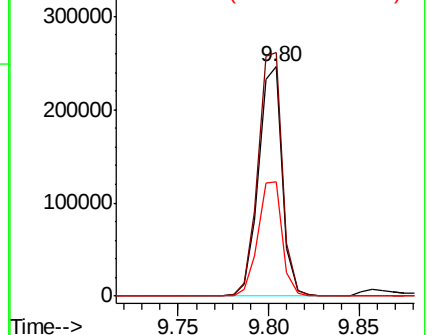
152 49.9 41.8 62.6

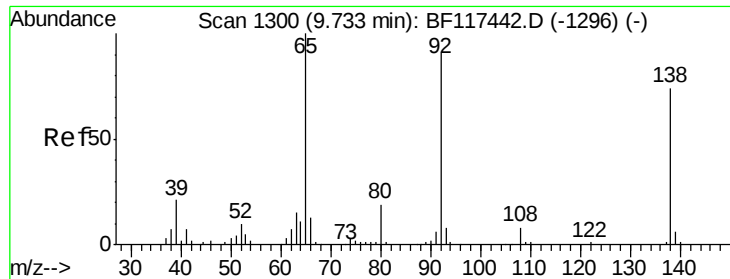


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

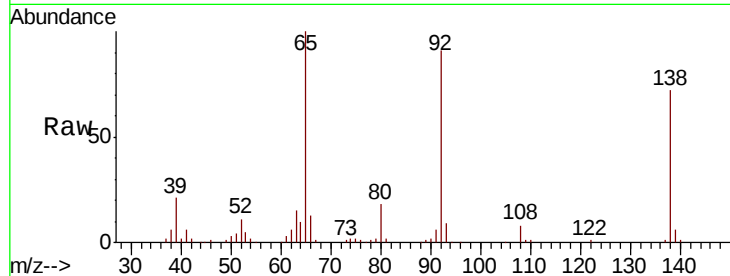




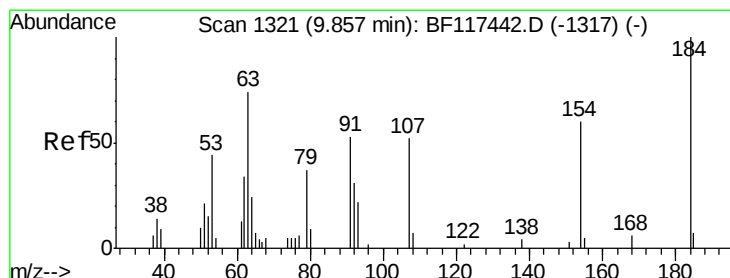
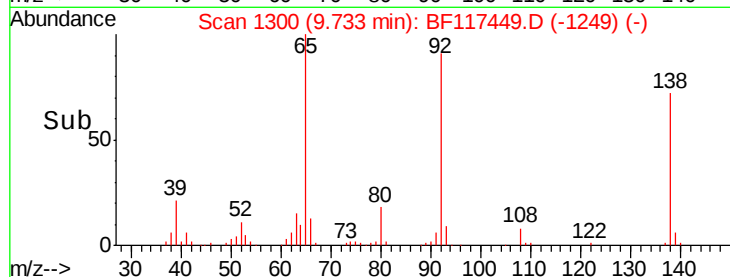
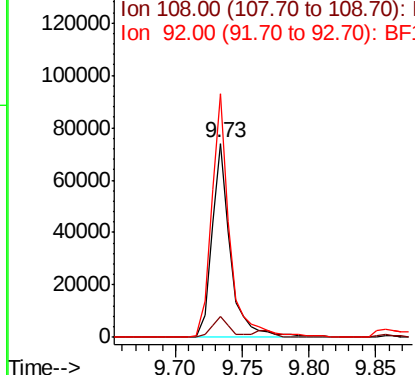
#53
 3-Nitroaniline
 Concen: 42.106 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 71353
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.7 13.1
 92 125.6 98.4 147.6

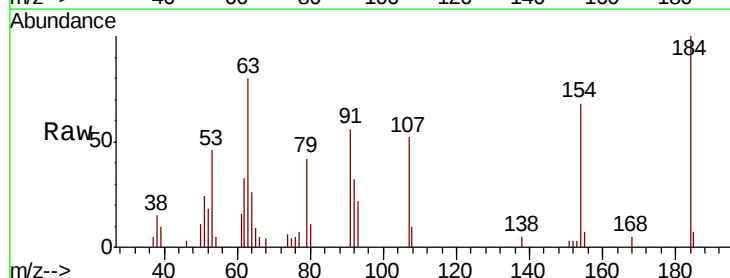


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

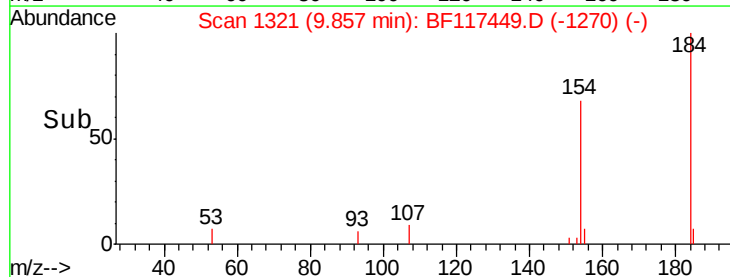
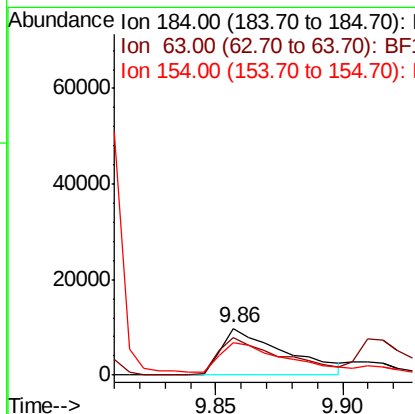


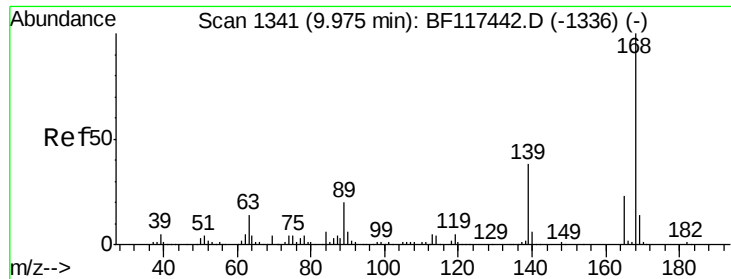
#54
 2,4-Dinitrophenol
 Concen: 32.178 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion:184 Resp: 16944
 Ion Ratio Lower Upper
 184 100
 63 79.6 59.2 88.8
 154 68.2 53.4 80.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

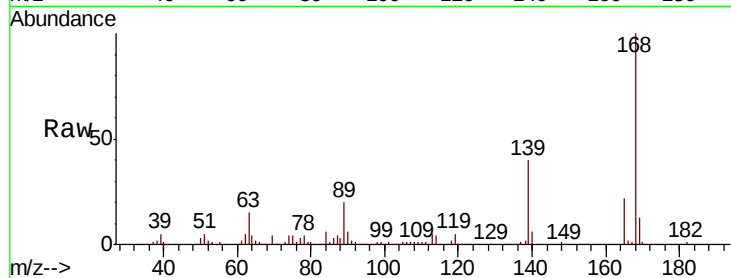




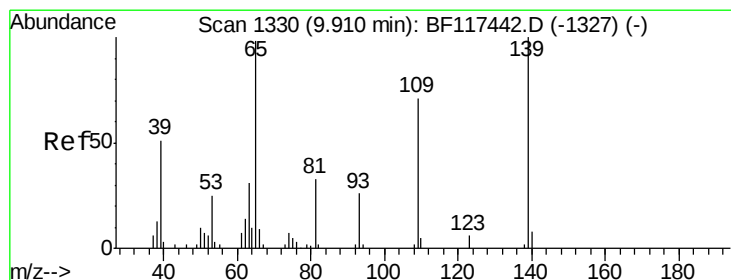
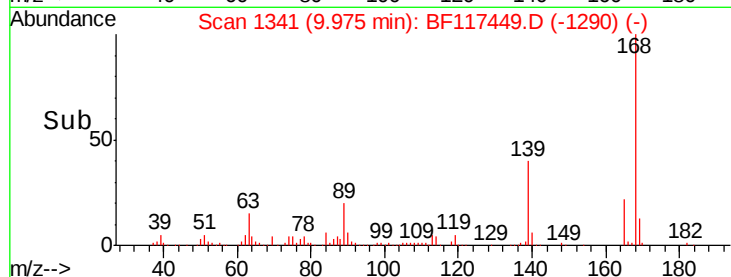
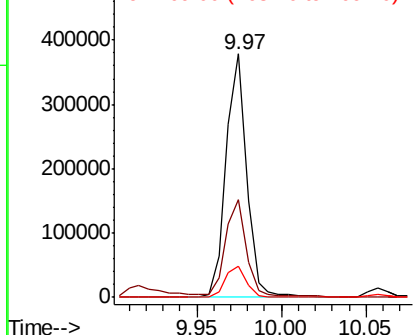
#55
Dibenzenofuran
Concen: 42.137 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 322401
Ion Ratio Lower Upper
168 100
139 40.1 31.8 47.6
169 13.0 11.2 16.8

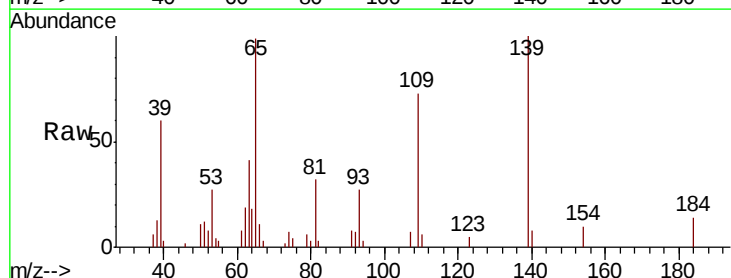


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

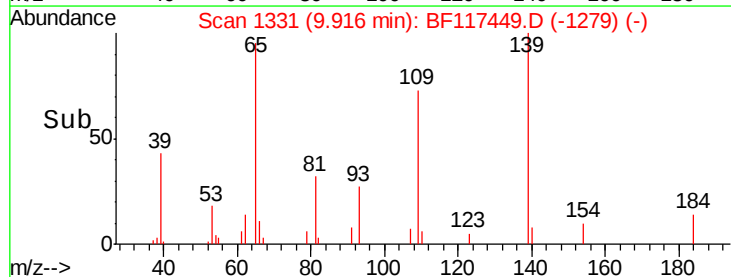
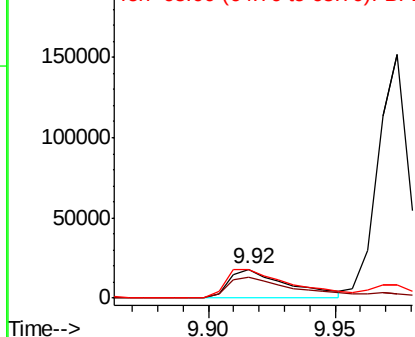


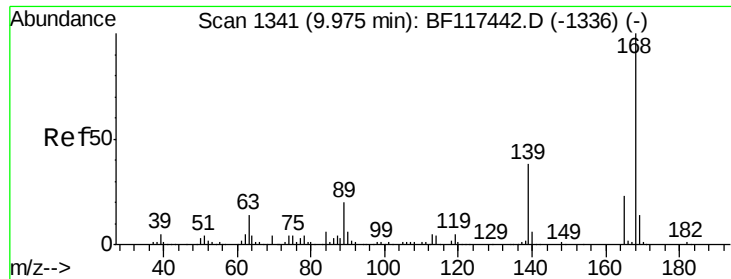
#56
4-Nitrophenol
Concen: 39.159 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:139 Resp: 28812
Ion Ratio Lower Upper
139 100
109 73.2 51.4 91.4
65 98.7 79.4 119.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

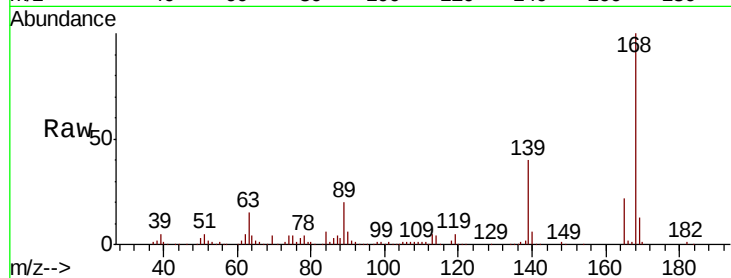




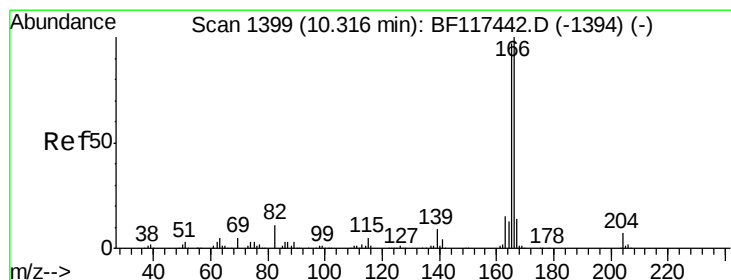
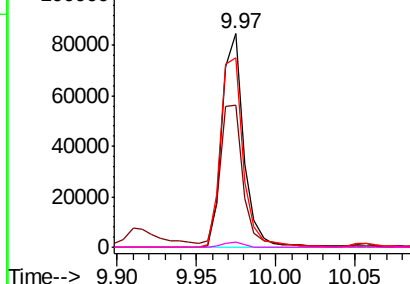
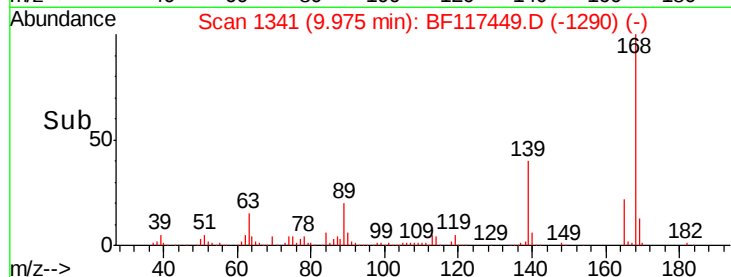
#57
2,4-Dinitrotoluene
Concen: 43.316 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 80434
Ion Ratio Lower Upper
165 100
63 66.5 51.4 77.0
89 88.8 69.9 104.9
182 2.6 1.9 2.9

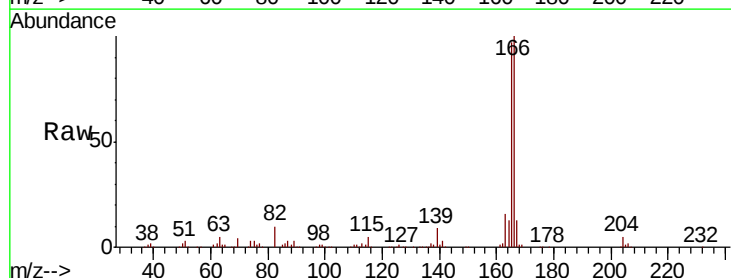


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

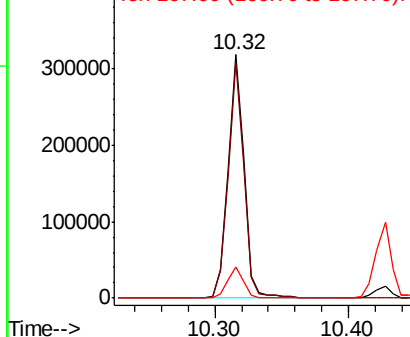
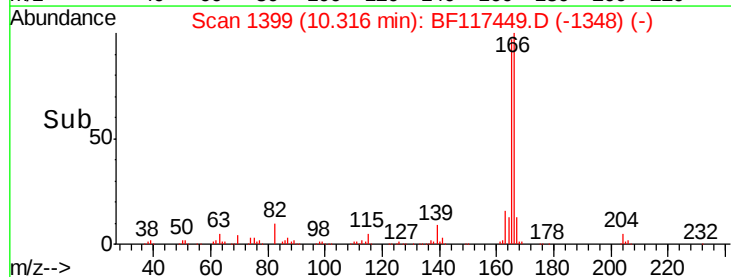


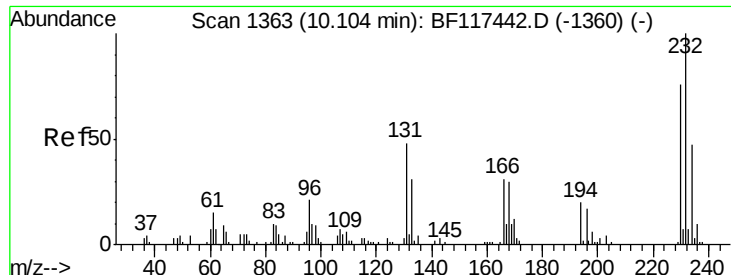
#58
Fluorene
Concen: 42.806 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:166 Resp: 270845
Ion Ratio Lower Upper
166 100
165 96.8 77.6 116.4
167 12.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

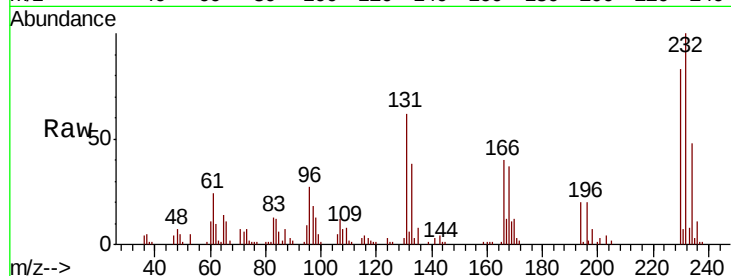




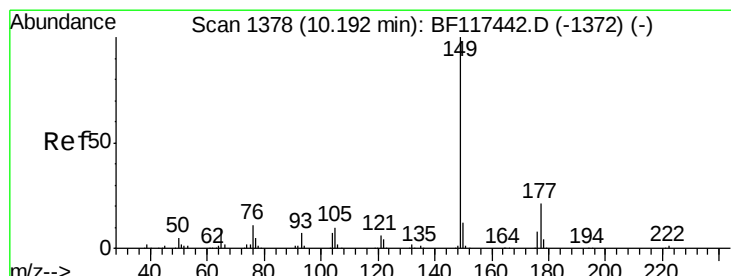
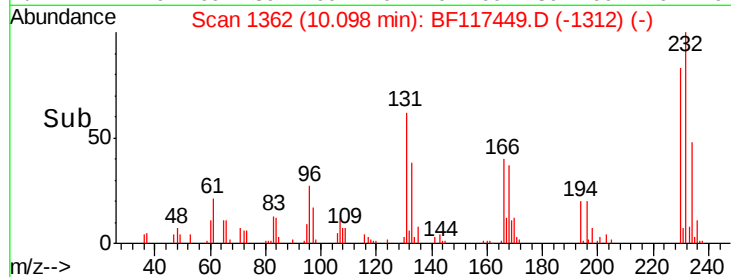
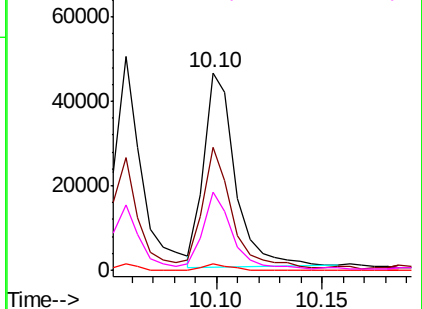
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.360 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 48379
 Ion Ratio Lower Upper
 232 100
 131 62.2 42.6 63.8
 130 2.5 2.2 3.4
 166 36.7 27.5 41.3

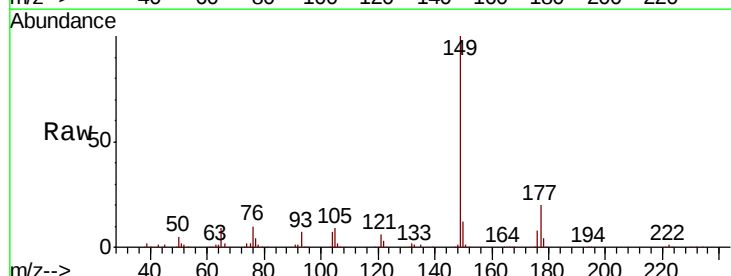


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

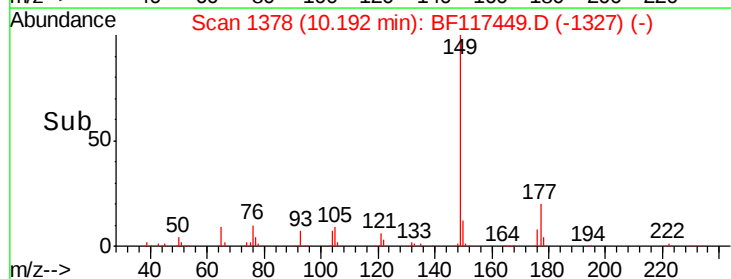
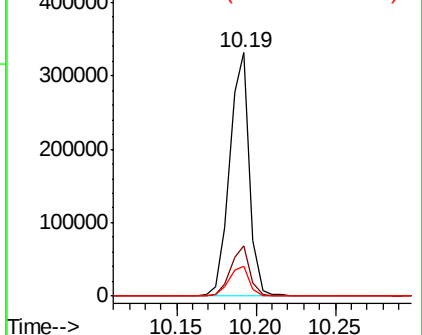


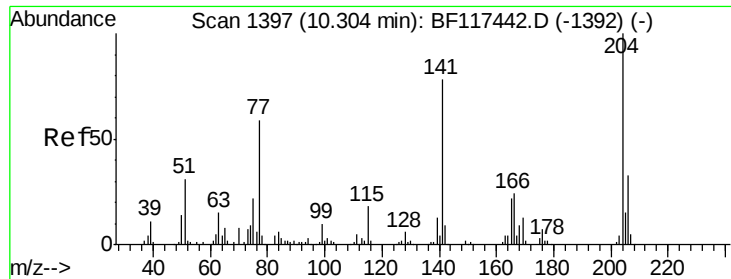
#60
 Diethylphthalate
 Concen: 42.199 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion:149 Resp: 285673
 Ion Ratio Lower Upper
 149 100
 177 20.4 17.0 25.4
 150 12.4 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

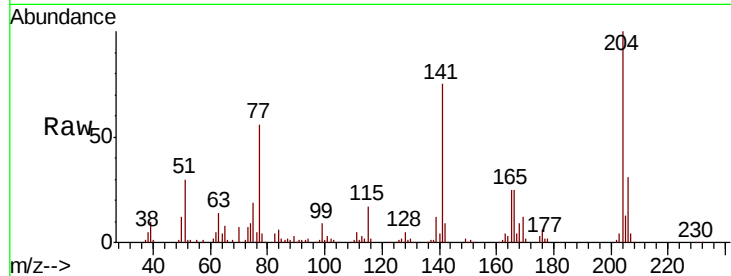




#61
4-Chlorophenyl-phenylether
Concen: 42.775 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.3	39.5
141	75.1	62.2	93.4

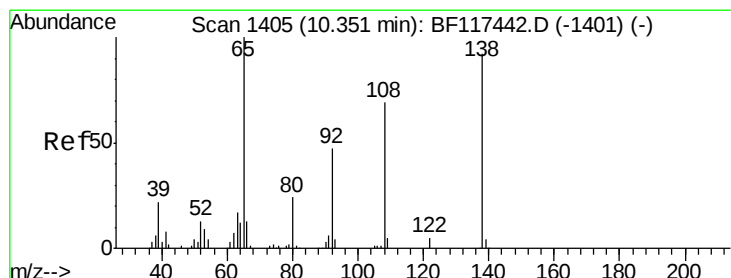
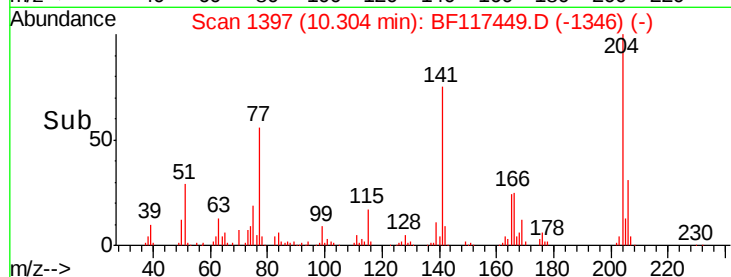
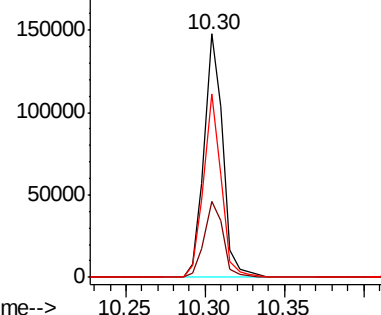


Abundance

Ion 204.00 (203.70 to 204.70): E

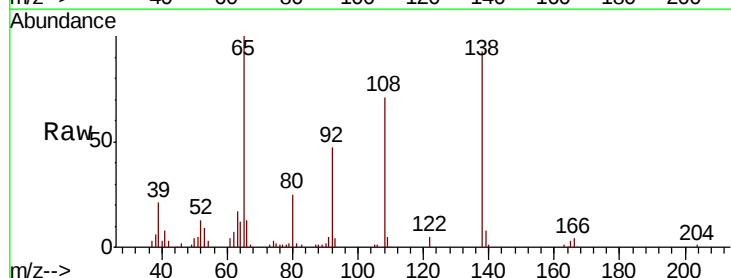
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.091 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.3	70.3
108	76.6	54.9	94.9

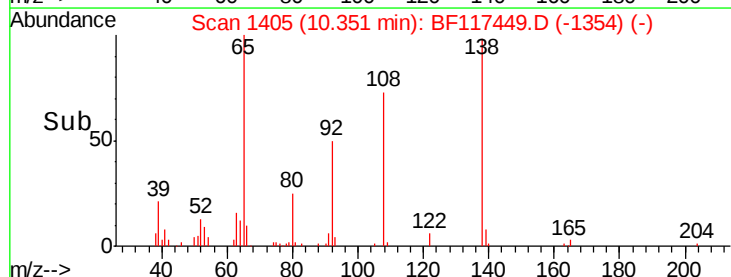
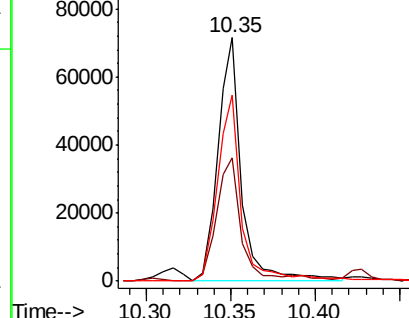


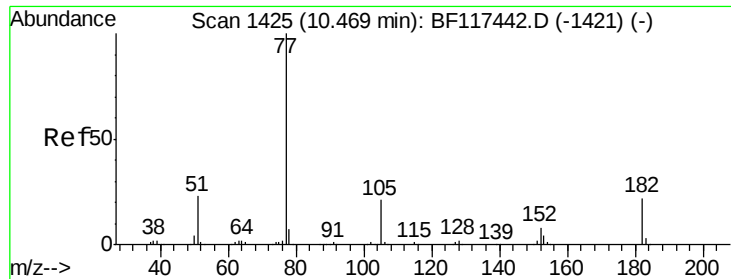
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.508 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 294583

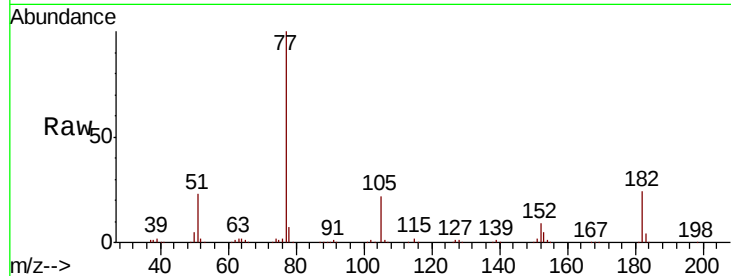
Ion Ratio Lower Upper

77 100

182 24.2 2.3 42.3

105 22.0 1.3 41.3

51 23.5 3.5 43.5

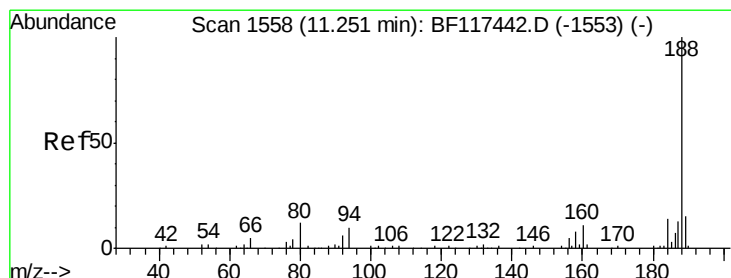
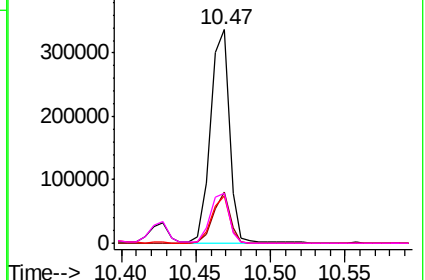
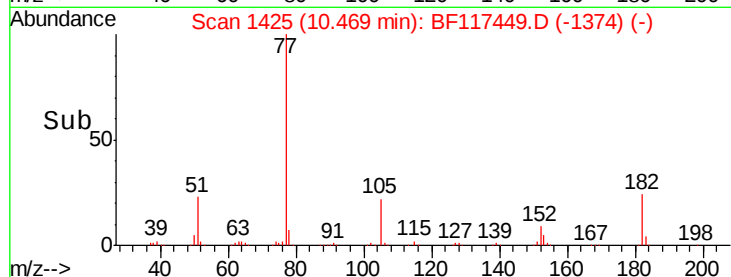


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

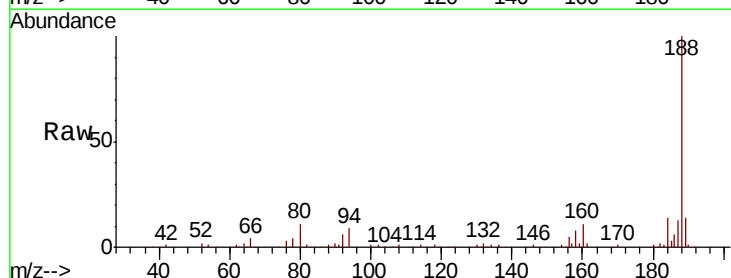
Tgt Ion: 188 Resp: 154472

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

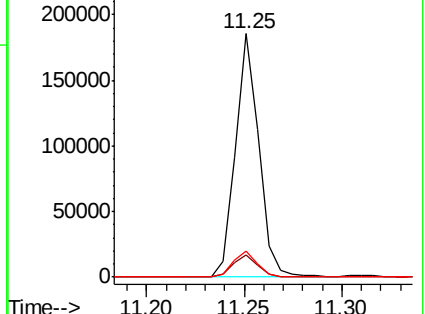
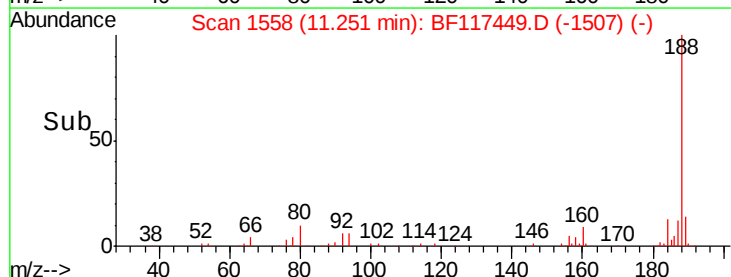
80 10.8 9.5 14.3

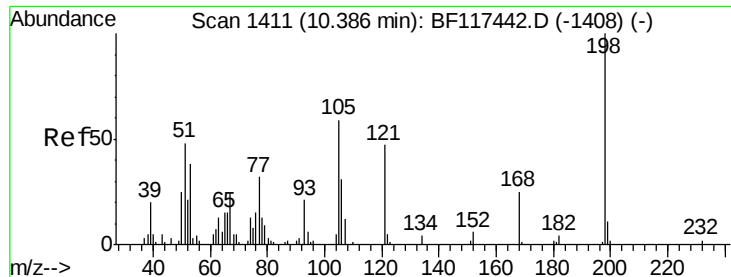


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.191 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

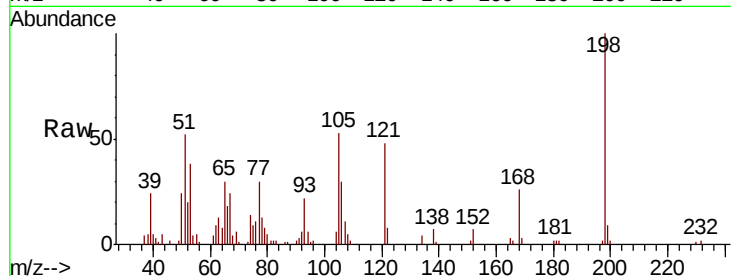
Tot Ion:198 Resp: 29209

Ion Ratio Lower Upper

198 100

51 51.8 29.1 69.1

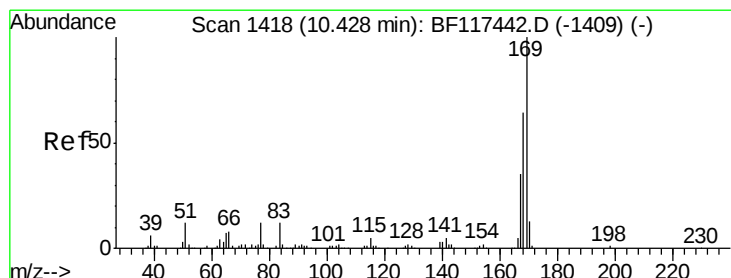
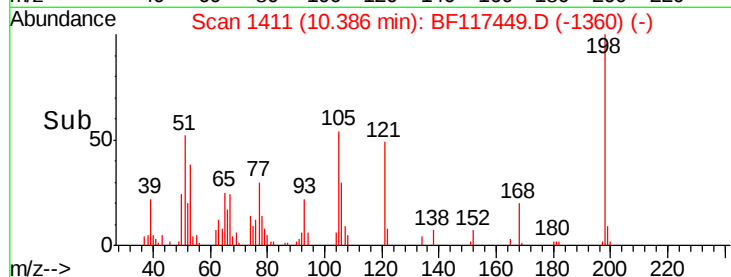
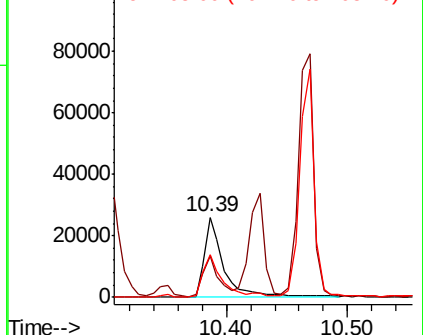
105 53.3 39.4 79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.240 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

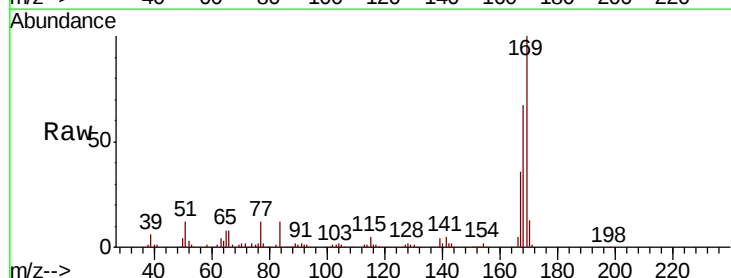
Tgt Ion:169 Resp: 227241

Ion Ratio Lower Upper

169 100

168 67.3 51.3 76.9

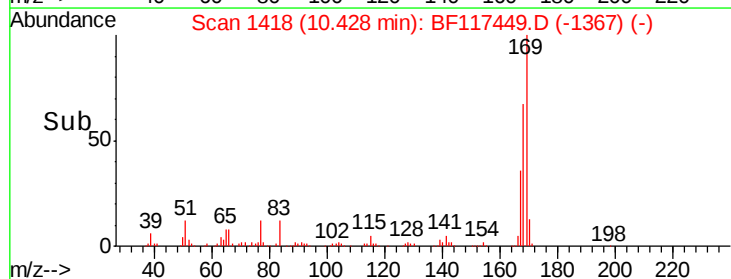
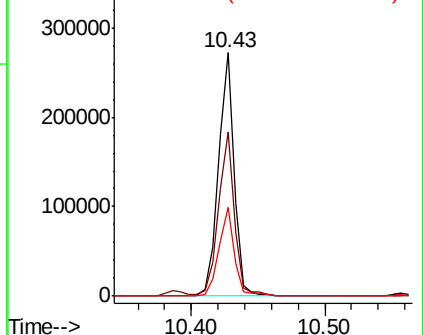
167 36.3 28.2 42.4

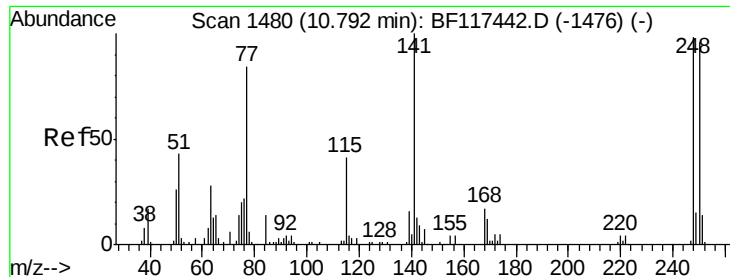


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.132 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

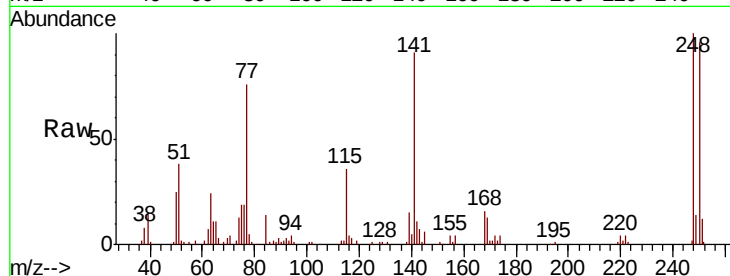
Instrument :

BNA_F

ClientSampleId :

Tot Ion:248 Resp: 68437

Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.0	117.0
141	91.4	81.7	122.5

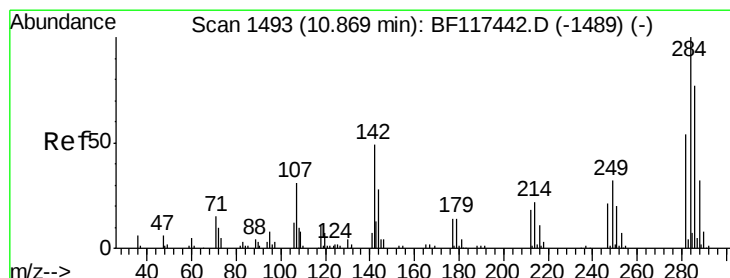
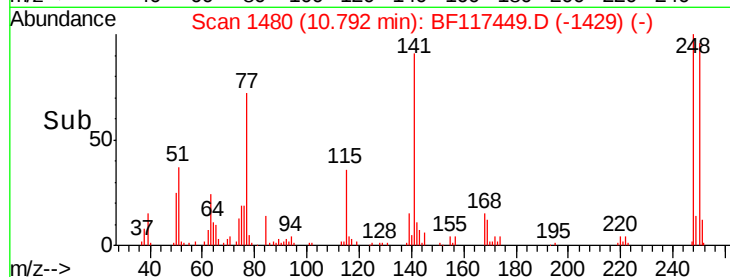
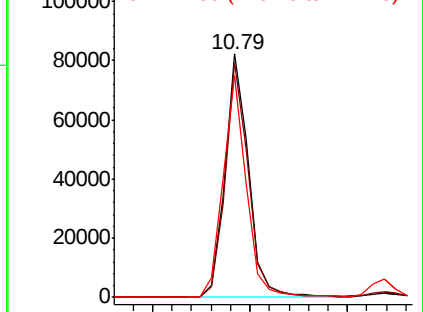


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.473 ng

RT: 10.87 min Scan# 1493

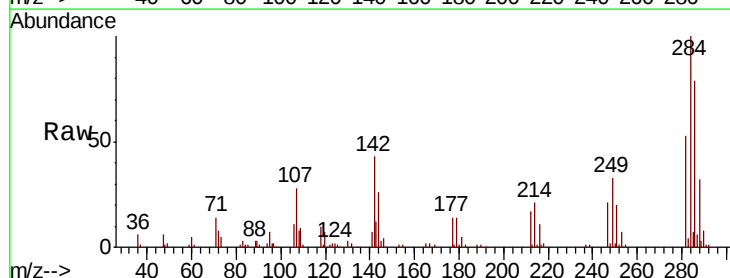
Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Tgt Ion:284 Resp: 72118

Ion	Ratio	Lower	Upper
284	100		
142	42.5	39.0	58.6
249	32.8	25.7	38.5

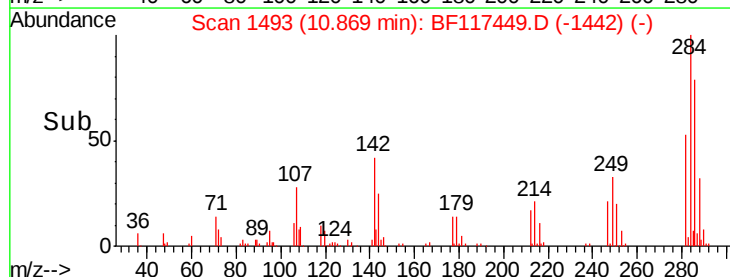
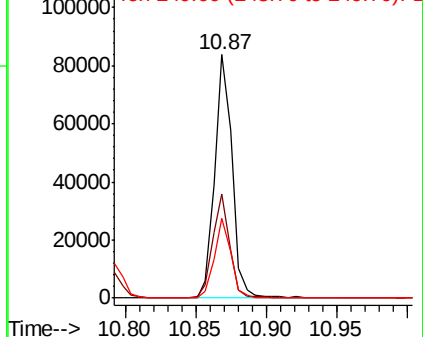


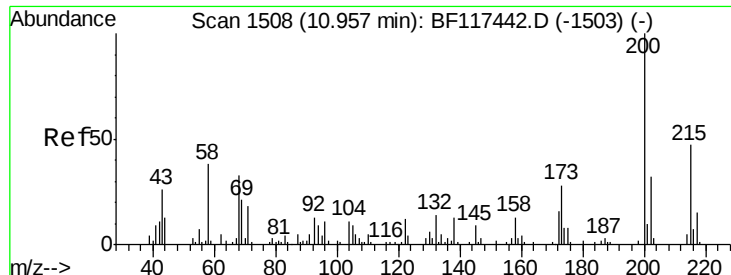
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

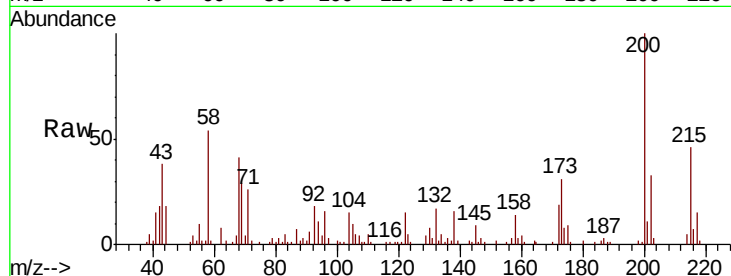




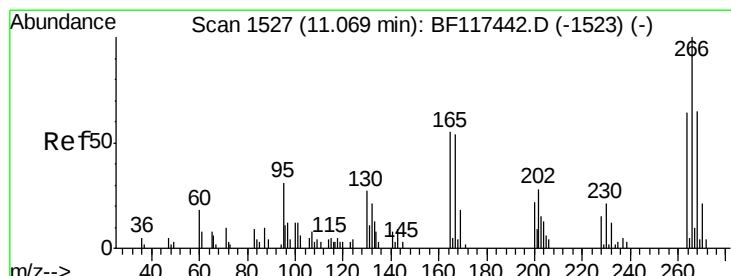
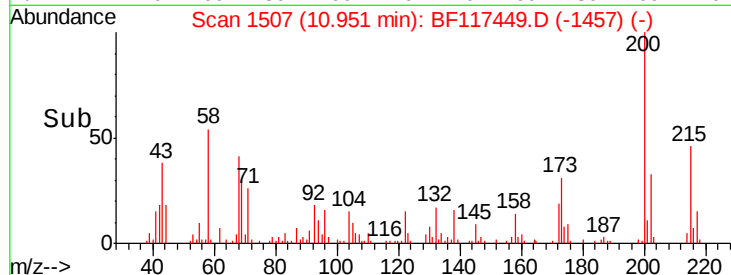
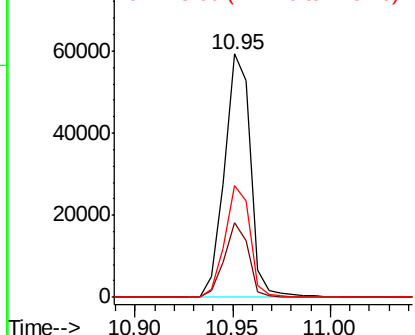
#69
 Atrazine
 Concen: 38.133 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.6	8.2	48.2
215	46.0	26.8	66.8

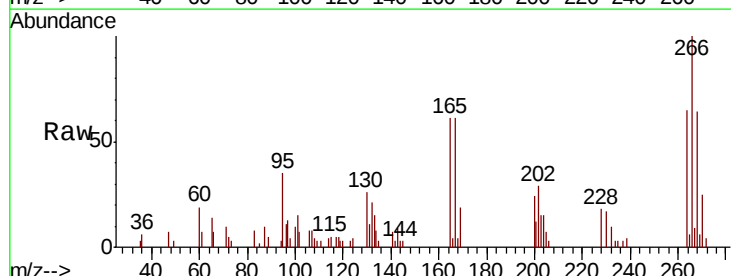


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

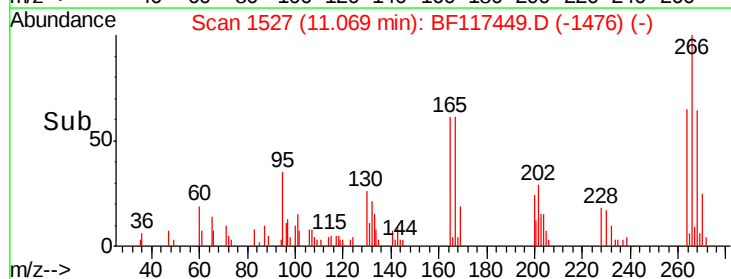
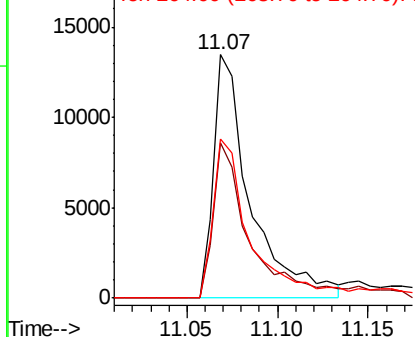


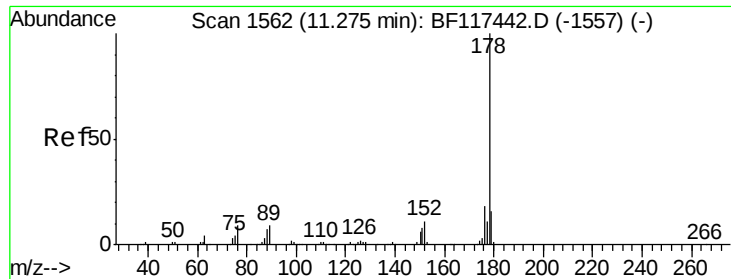
#70
 Pentachlorophenol
 Concen: 35.659 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.6	77.4
264	65.4	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.304 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampled :

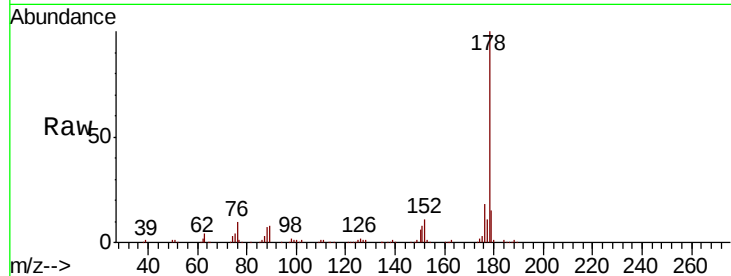
Tot Ion:178 Resp: 370484

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

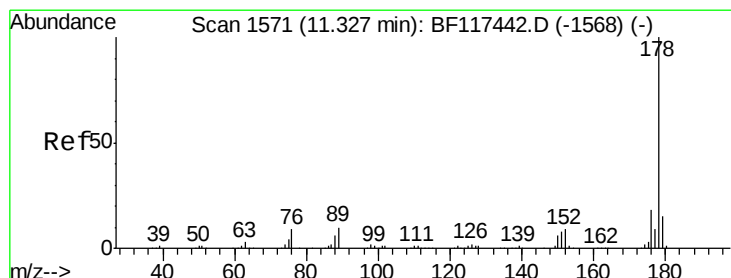
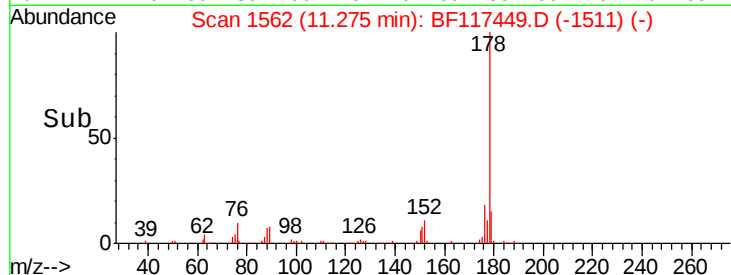
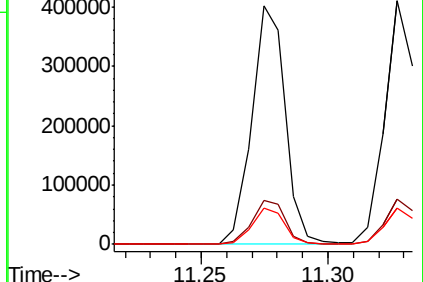
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.416 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

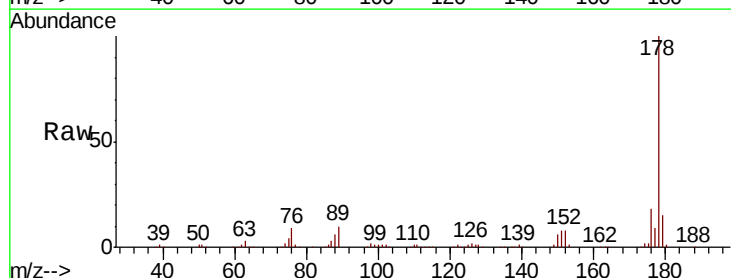
Tgt Ion:178 Resp: 381167

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

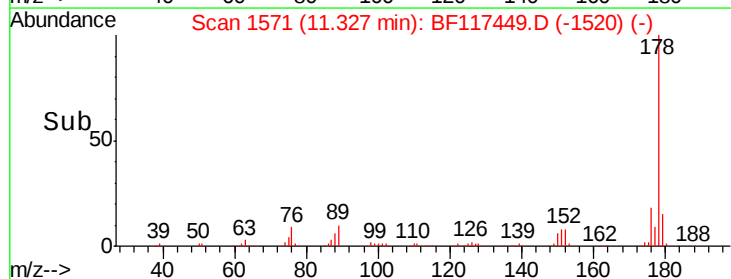
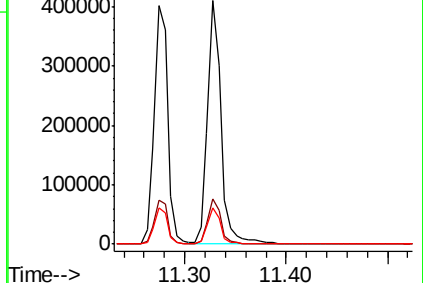
179 15.1 12.2 18.2

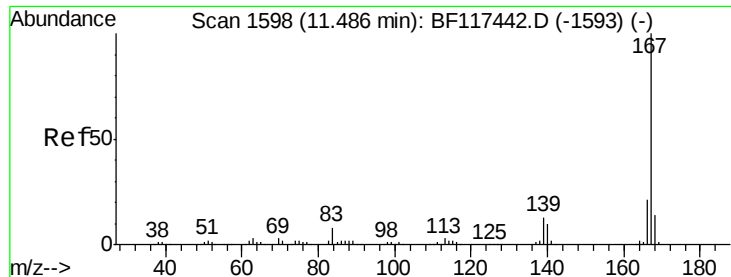


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

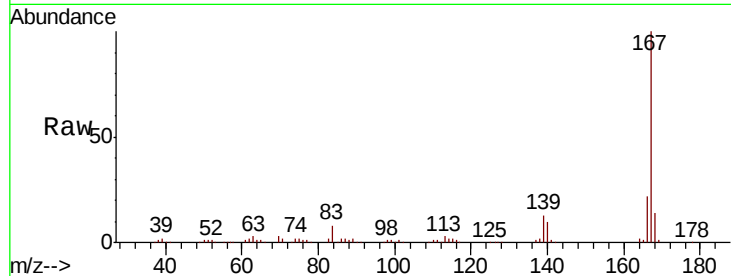




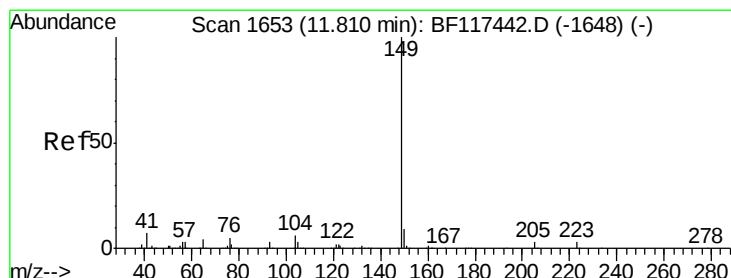
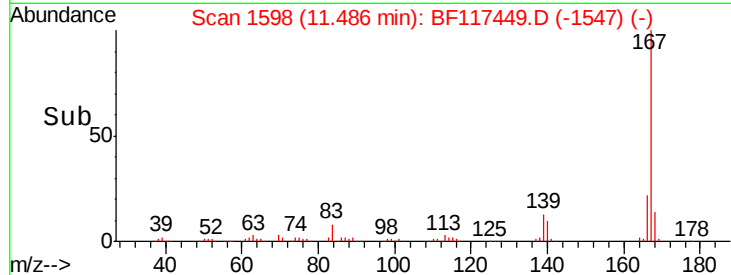
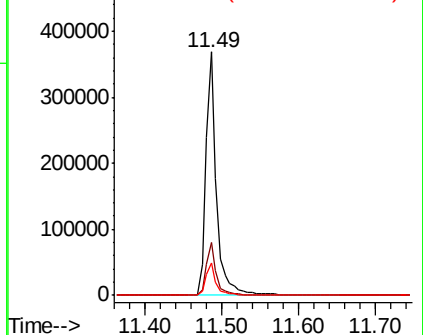
#73
 Carbazole
 Concen: 41.953 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 352853
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.5 10.6 16.0

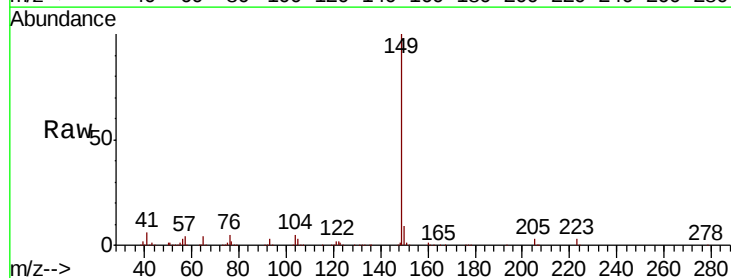


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

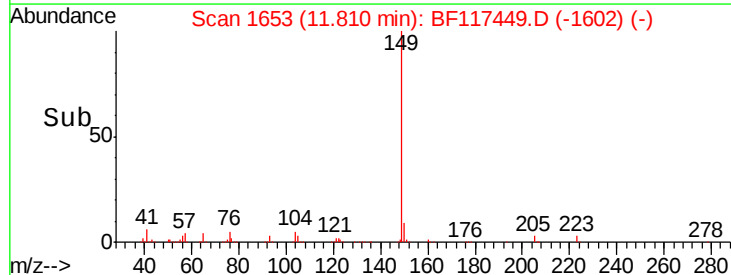
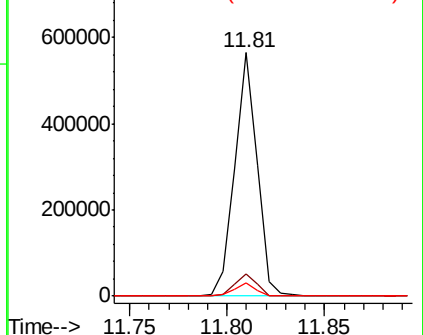


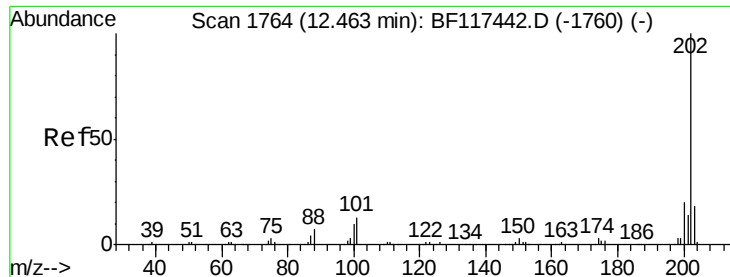
#74
 Di-n-butylphthalate
 Concen: 40.015 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion:149 Resp: 449693
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.734 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

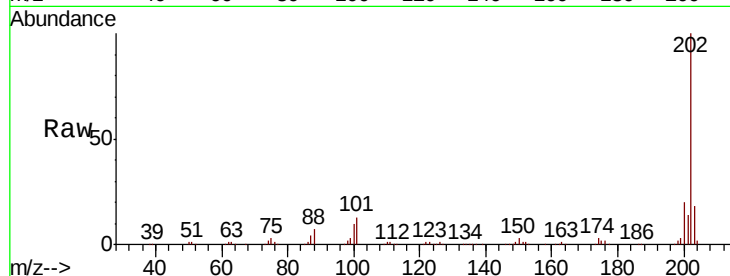
Tot Ion:202 Resp: 374744

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.7

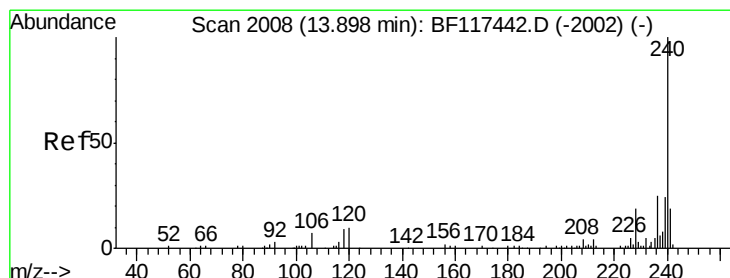
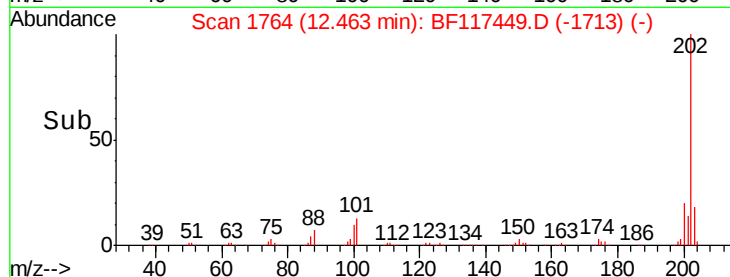
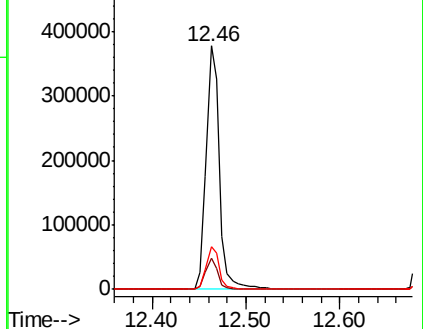
203 17.5 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

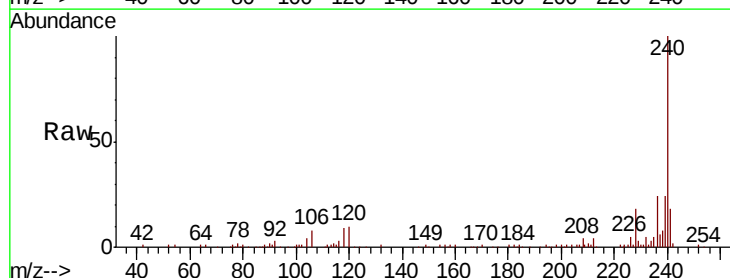
Tgt Ion:240 Resp: 113410

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

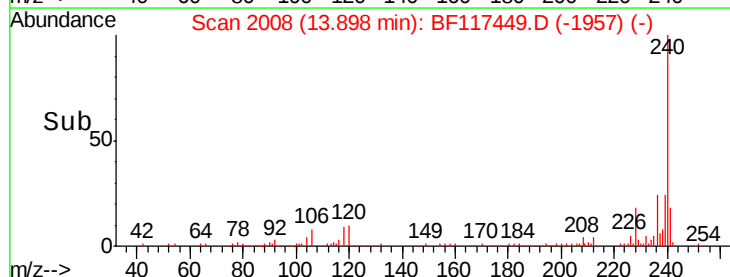
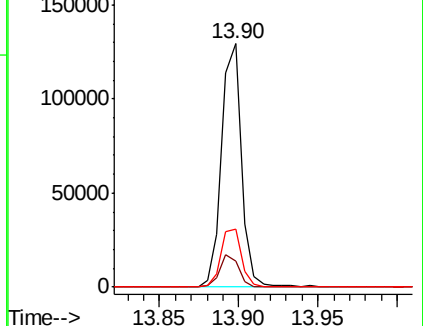
236 24.0 20.0 30.0

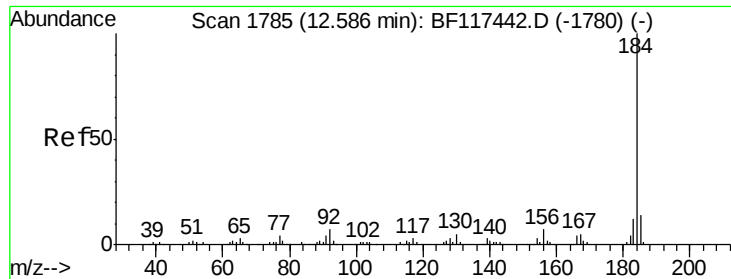


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.353 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

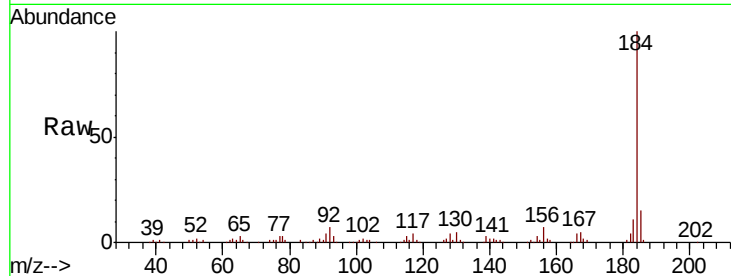
Tot Ion:184 Resp: 148683

Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.0

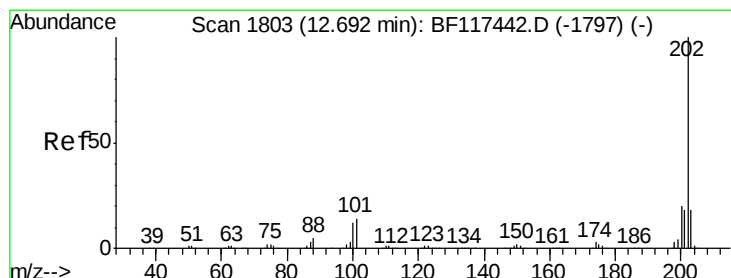
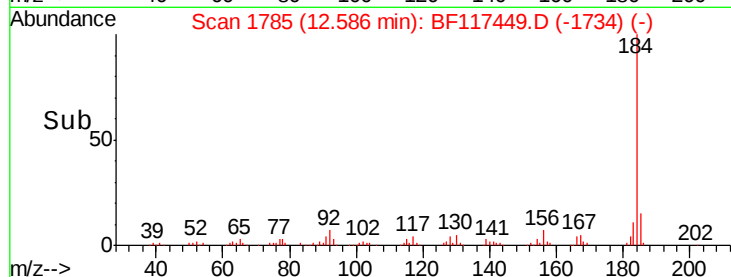
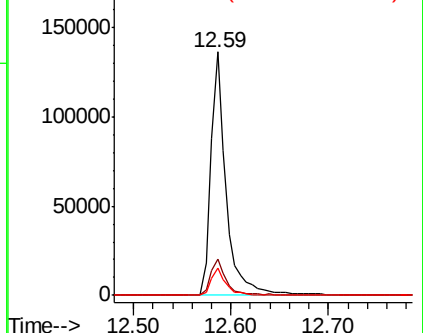
183 11.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.401 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

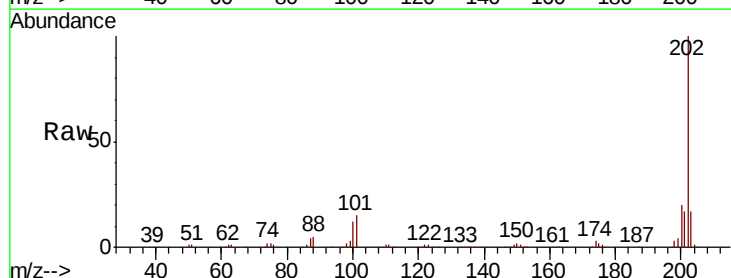
Tgt Ion:202 Resp: 383816

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

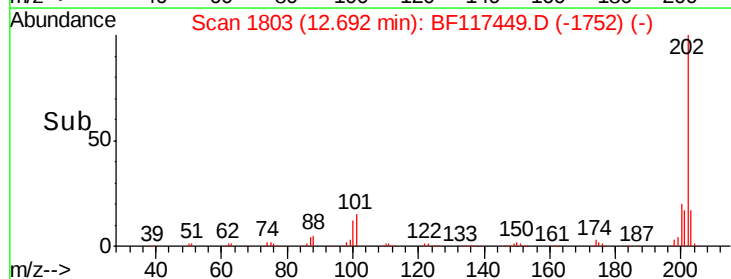
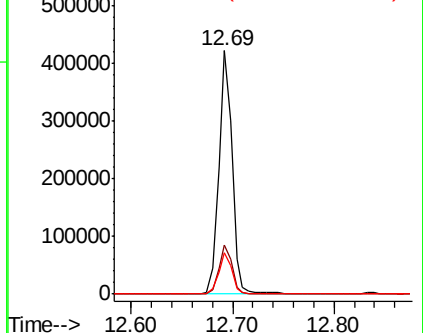
203 17.0 14.0 21.0

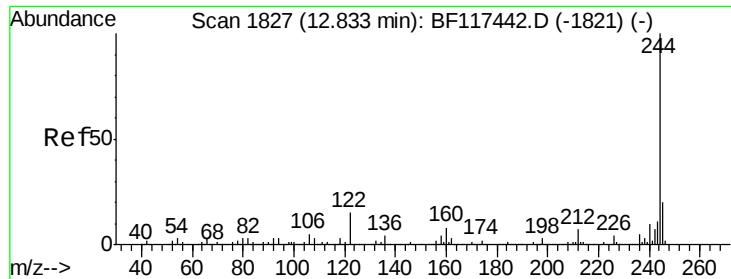


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

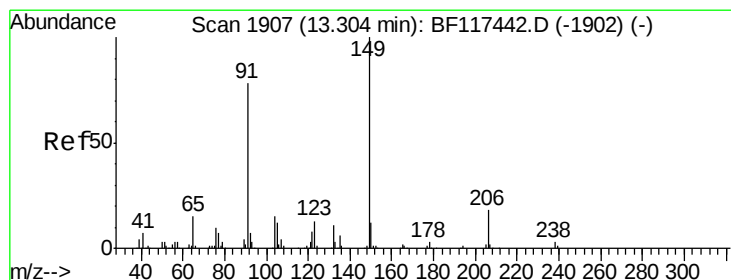
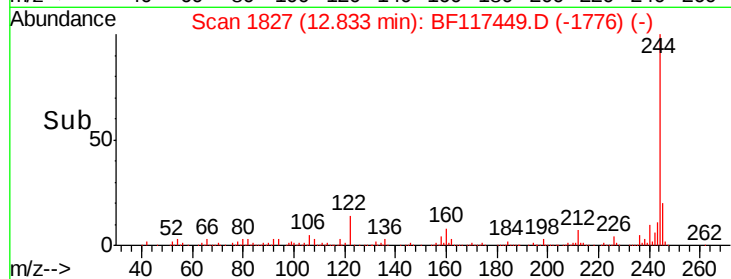
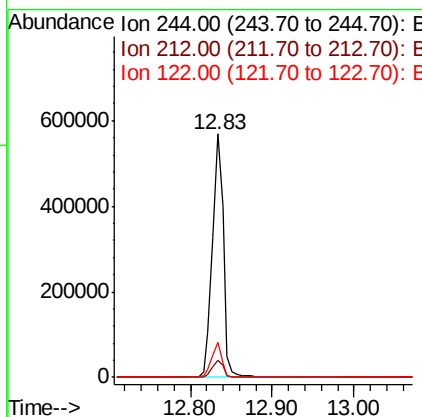
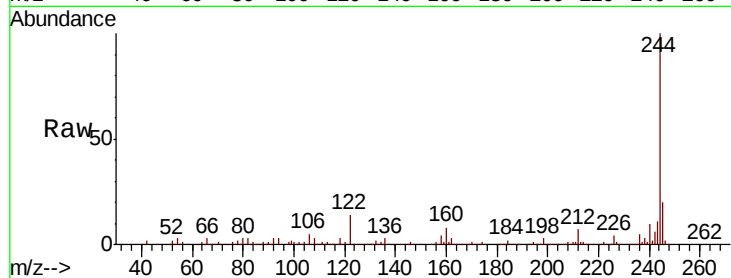




#79
 Terphenyl-d14
 Concen: 76.688 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

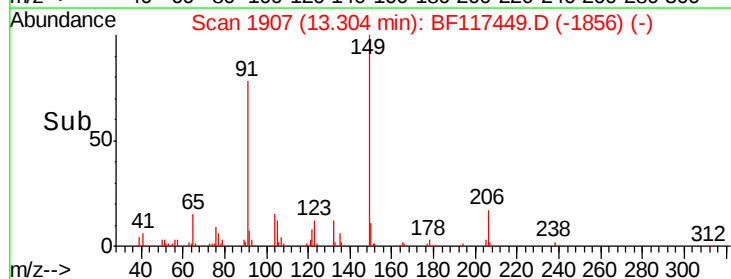
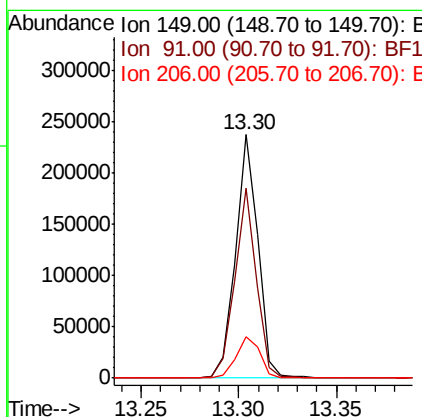
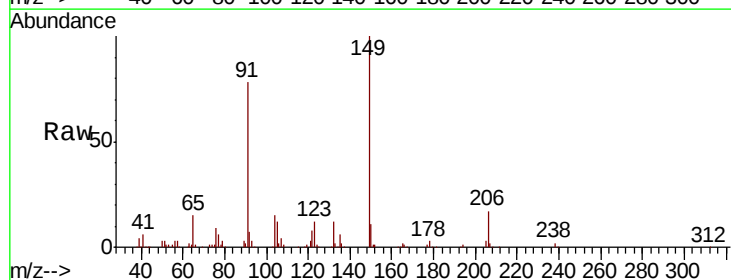
Instrument :
 BNA_F
 ClientSampleId :

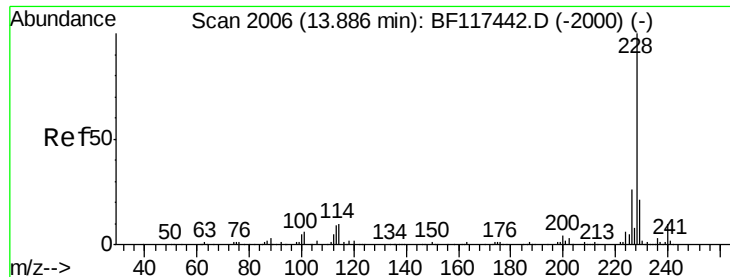
Tot Ion:244 Resp: 533202
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 14.4 11.8 17.8



#80
 Butylbenzylphthalate
 Concen: 38.768 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion:149 Resp: 187928
 Ion Ratio Lower Upper
 149 100
 91 77.7 62.1 93.1
 206 17.1 14.3 21.5

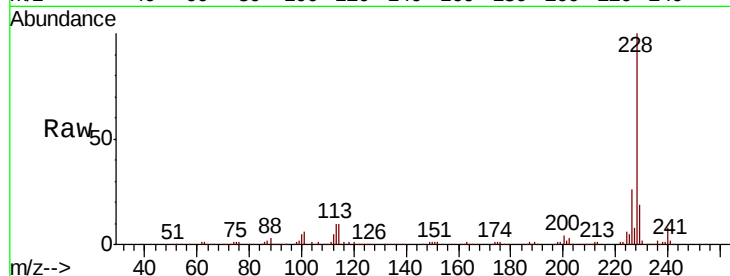




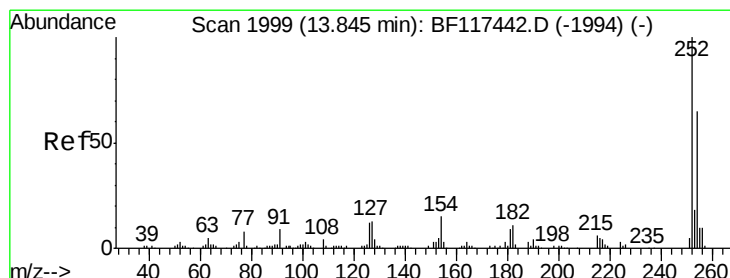
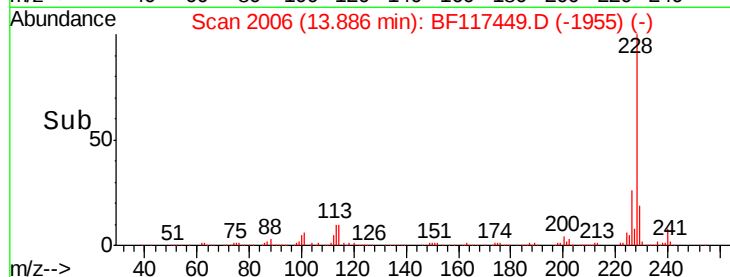
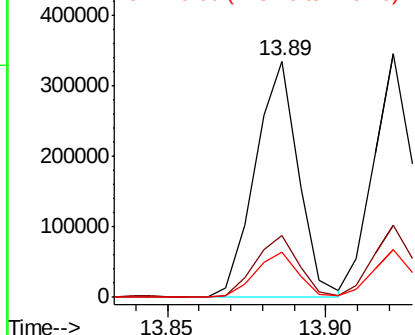
#81
Benzo(a)anthracene
Concen: 41.340 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 316247
Ion Ratio Lower Upper
228 100
226 26.1 21.0 31.4
229 19.3 16.4 24.6

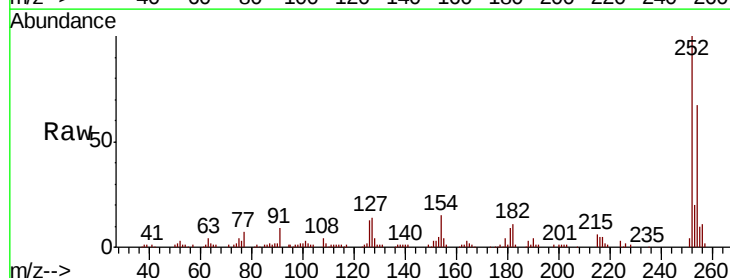


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

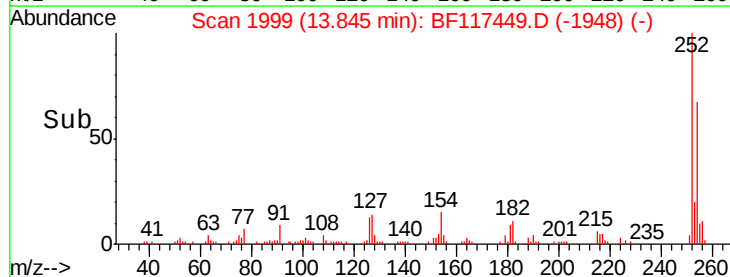
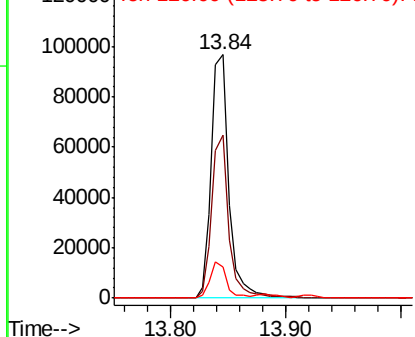


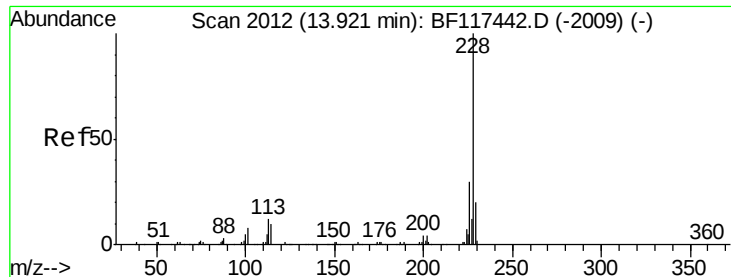
#82
3,3'-Dichlorobenzidine
Concen: 43.040 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:252 Resp: 103317
Ion Ratio Lower Upper
252 100
254 67.0 52.2 78.4
126 12.8 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

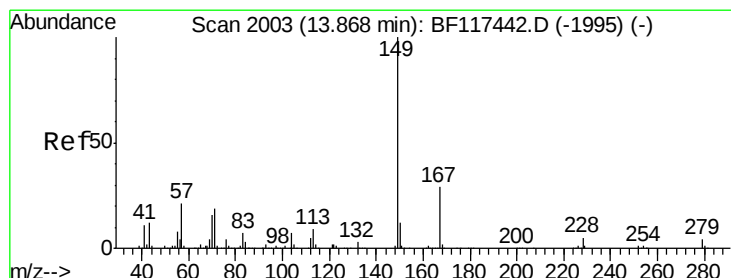
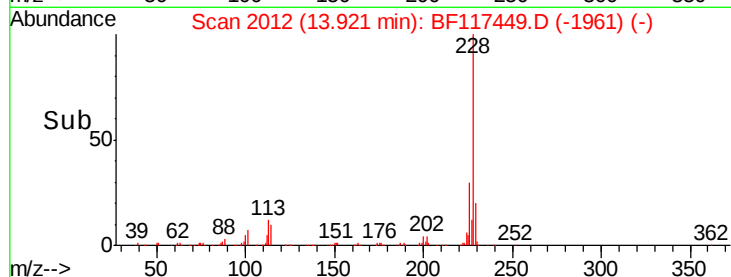
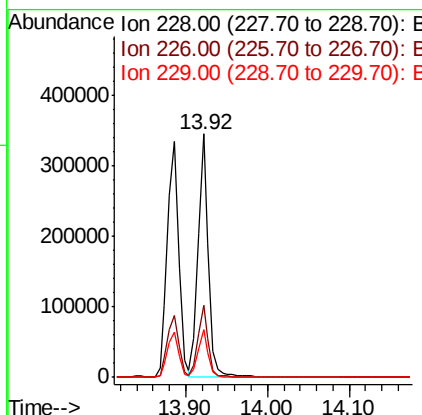
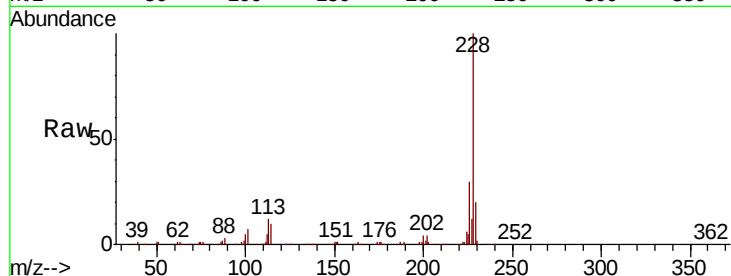




#83
 Chrvsene
 Concen: 41.245 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

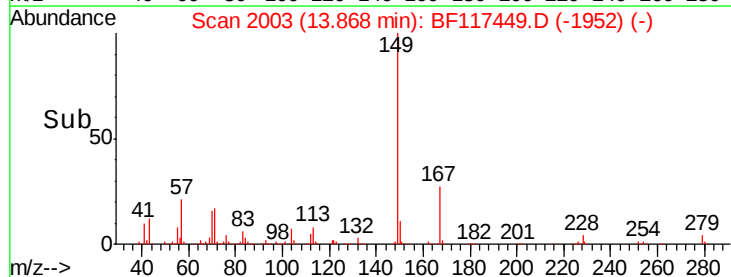
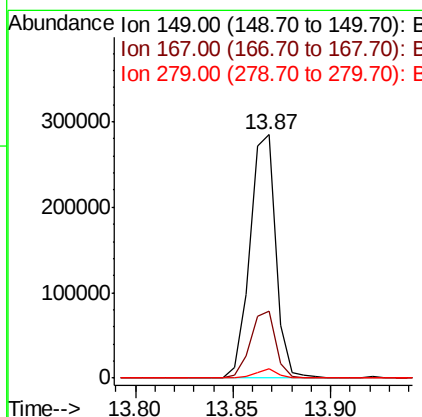
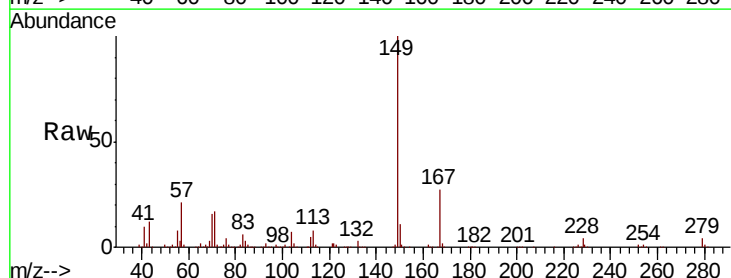
Instrument :
 BNA_F
 ClientSampleId :

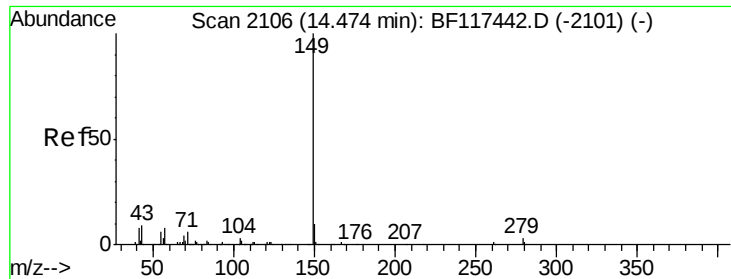
Tot Ion:228 Resp: 309230
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.9 35.9
 229 19.5 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.695 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF117449.D
 Acq: 21 Oct 2019 15:54

Tgt Ion:149 Resp: 262752
 Ion Ratio Lower Upper
 149 100
 167 27.4 23.3 34.9
 279 3.9 3.2 4.8

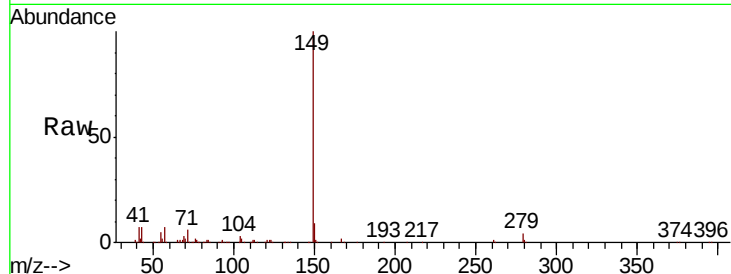




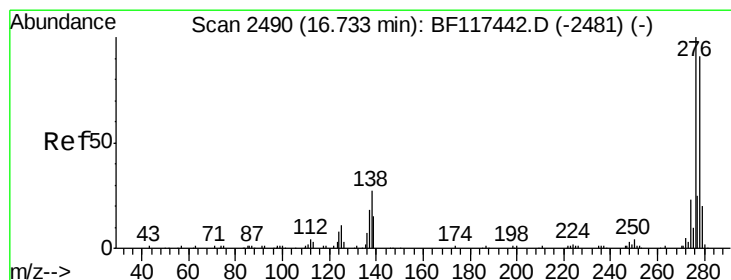
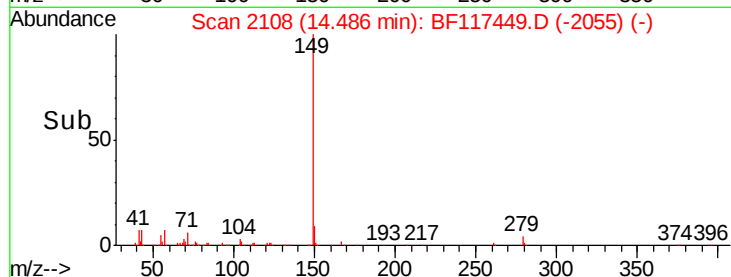
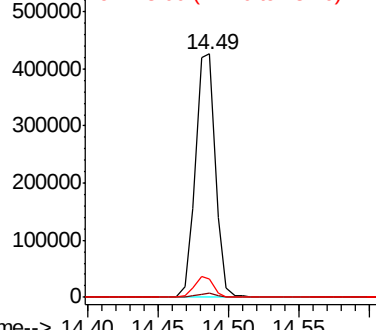
#85
Di-n-octyl phthalate
Concen: 40.112 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.3	6.8	10.2

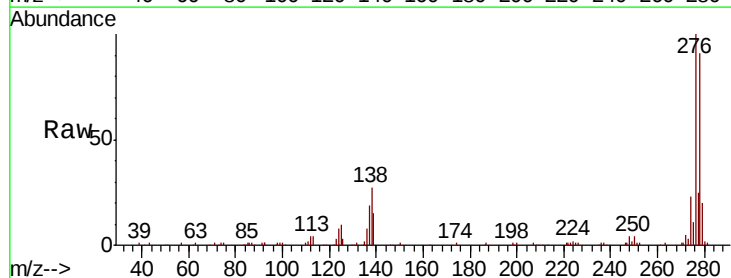


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

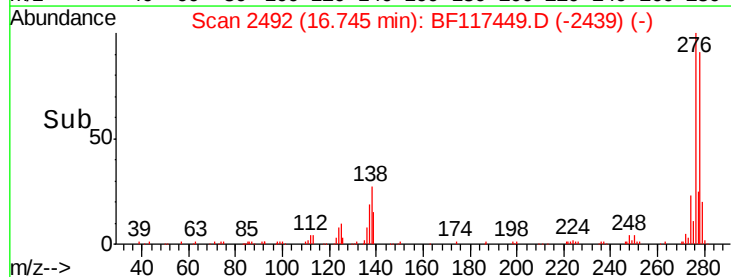
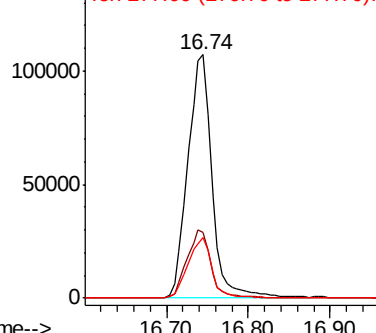


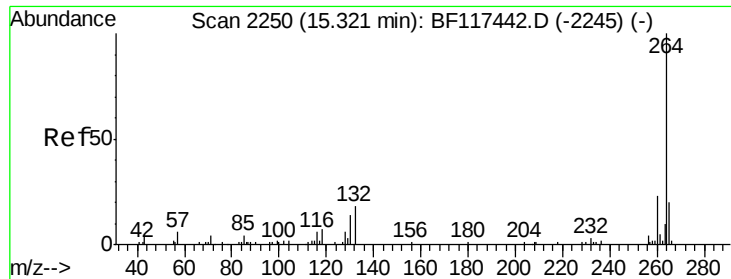
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.551 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.8	32.8
277	24.4	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

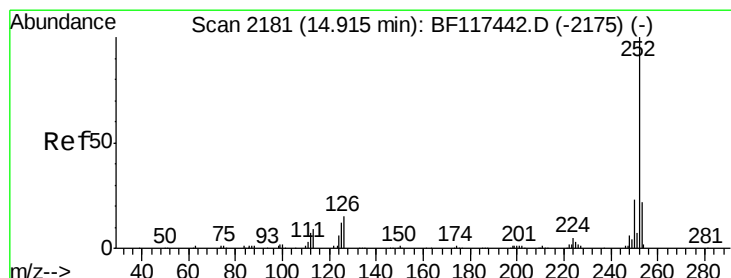
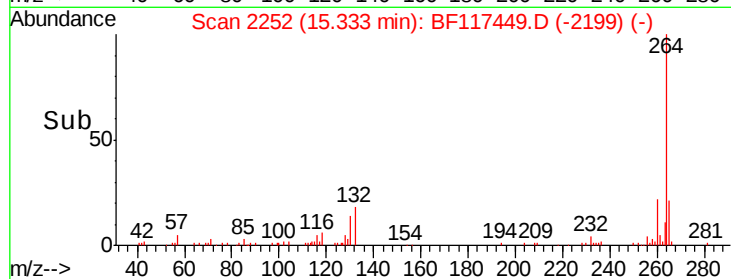
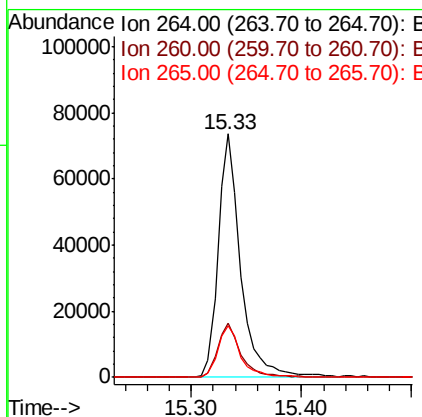
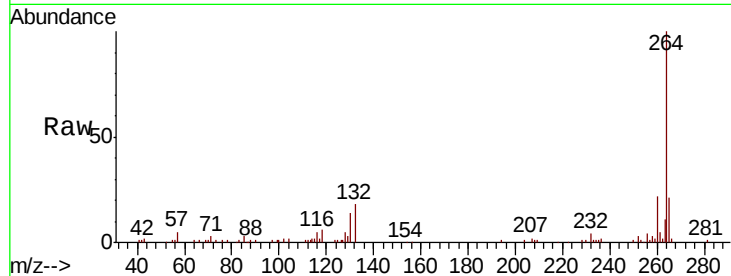




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

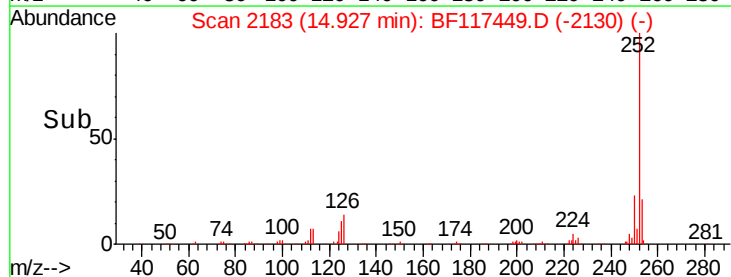
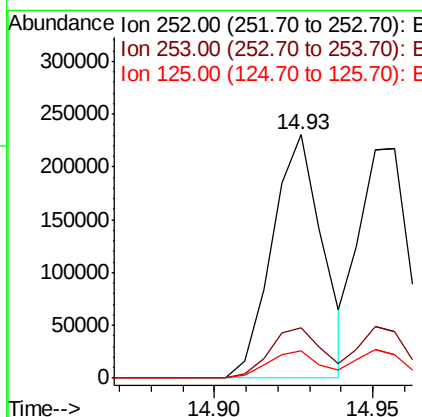
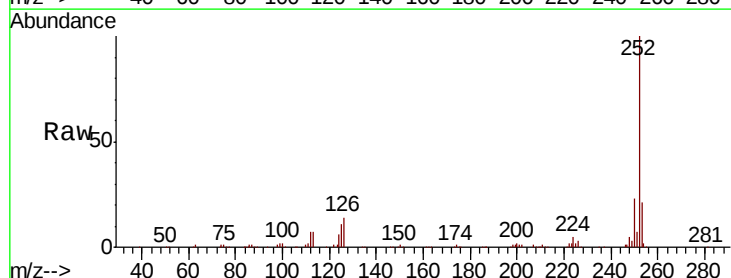
Instrument :
BNA_F
ClientSampleId :

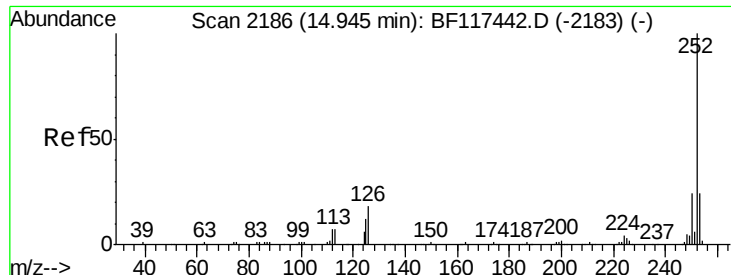
Tot Ion:264 Resp: 103818
Ion Ratio Lower Upper
264 100
260 22.1 18.4 27.6
265 21.0 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 41.566 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:252 Resp: 254822
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.6
125 11.5 9.9 14.9

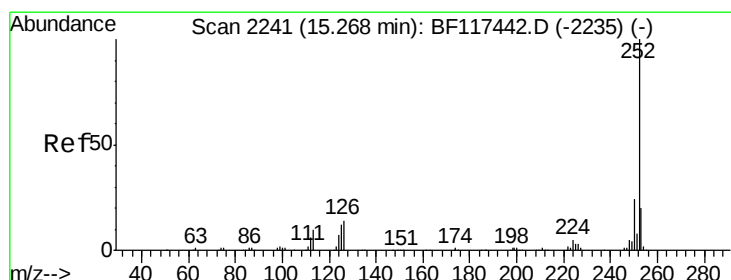
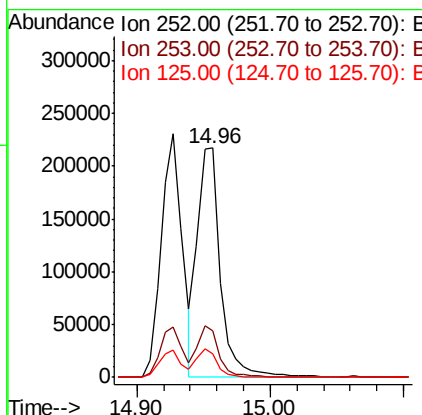
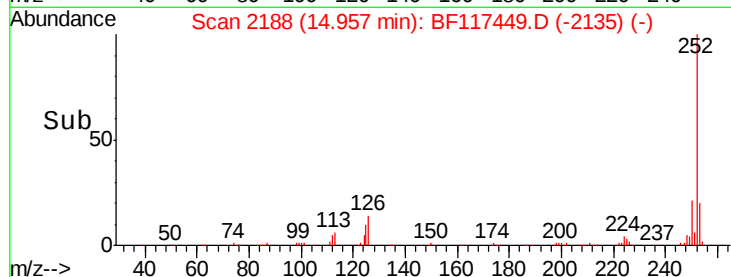
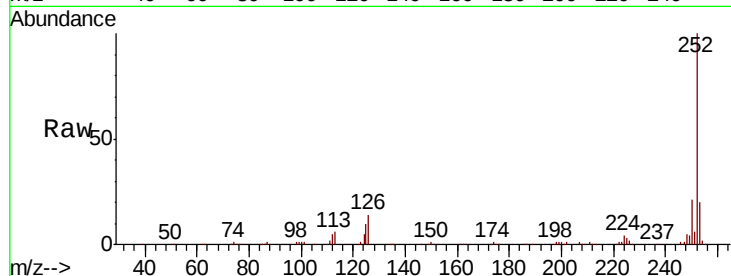




#89
Benzo(k)fluoranthene
Concen: 40.862 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

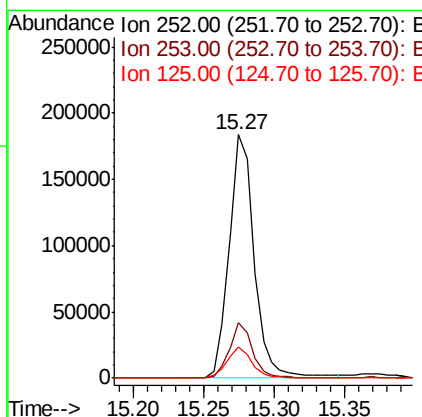
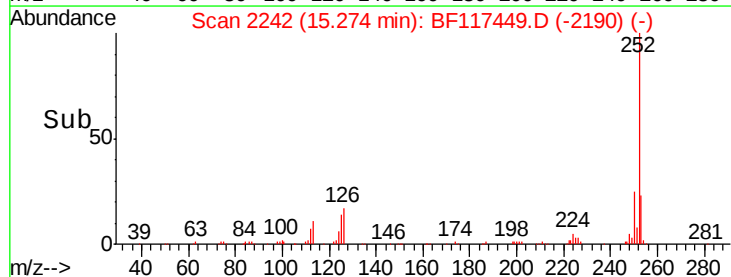
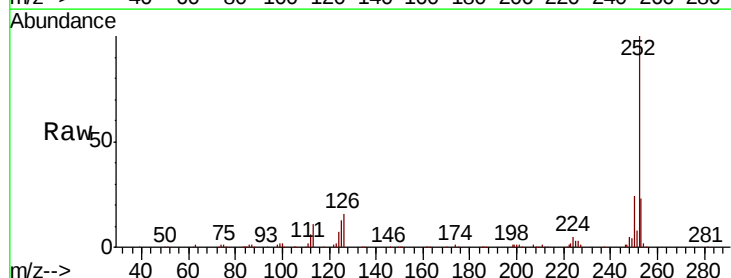
Instrument :
BNA_F
ClientSampleId :

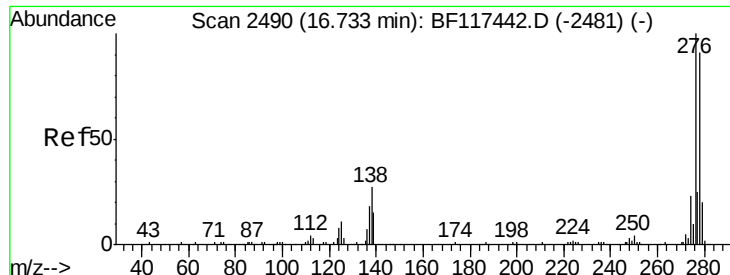
Tot Ion:252 Resp: 256754
Ion Ratio Lower Upper
252 100
253 20.1 18.0 27.0
125 10.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 41.078 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117449.D
Acq: 21 Oct 2019 15:54

Tgt Ion:252 Resp: 228964
Ion Ratio Lower Upper
252 100
253 22.9 16.3 24.5
125 13.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.727 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

Instrument :

BNA_F

ClientSampleId :

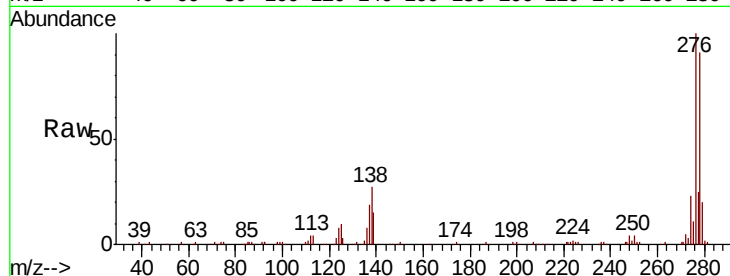
Tot Ion:278 Resp: 186651

Ion Ratio Lower Upper

278 100

139 17.0 13.4 20.0

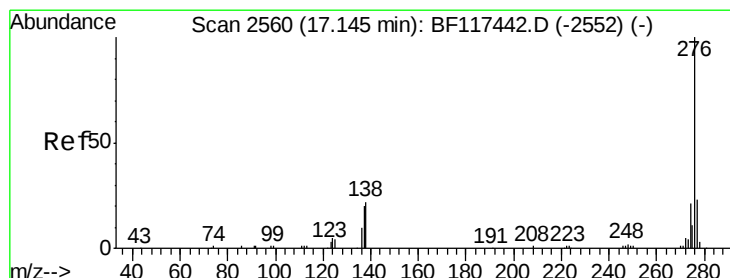
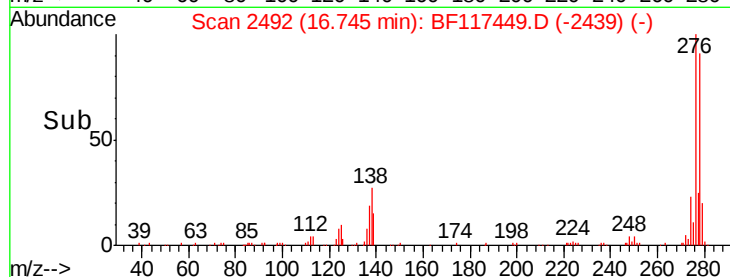
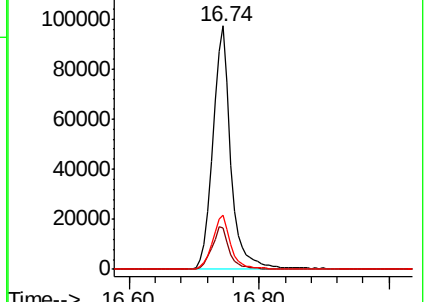
279 22.0 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.406 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.01 min

Lab File: BF117449.D

Acq: 21 Oct 2019 15:54

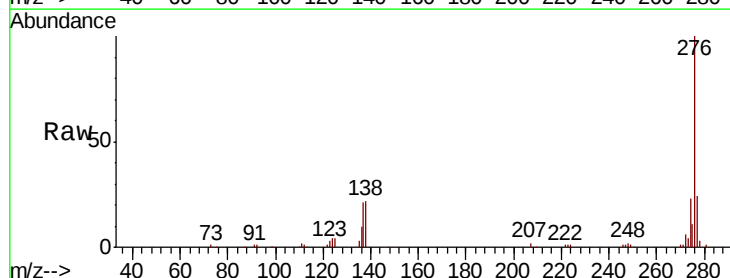
Tgt Ion:276 Resp: 166019

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 22.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

