

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117452.D
 Acq On : 21 Oct 2019 17:29
 Operator : JU
 Sample : PB124157BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:53:43 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	40286	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	170470	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	88660	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	145711	20.00	ng	0.00
76) Chrysene-d12	13.89	240	109969	20.00	ng	0.00
87) Perylene-d12	15.33	264	103303	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	317647	117.30	ng	0.01
7) Phenol-d6	6.38	99	422822	116.25	ng	0.00
23) Nitrobenzene-d5	7.30	82	218839	63.38	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	88994	116.01	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	397327	63.14	ng	0.00
79) Terphenyl-d14	12.83	244	402177	59.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	47903	42.075	ng	# 96
3) Pyridine	3.23	79	102853	36.903	ng	99
4) n-Nitrosodimethylamine	3.17	42	45694	45.192	ng	96
6) Aniline	6.40	93	141194	33.067	ng	# 59
8) 2-Chlorophenol	6.52	128	127975	44.787	ng	99
9) Benzaldehyde	6.29	77	82479	49.445	ng	98
10) Phenol	6.39	94	162602	43.803	ng	83
11) bis(2-Chloroethyl)ether	6.47	93	123176	44.861	ng	98
12) 1,3-Dichlorobenzene	6.67	146	132603	41.585	ng	98
13) 1,4-Dichlorobenzene	6.75	146	137335	42.455	ng	98
14) 1,2-Dichlorobenzene	6.90	146	128150	42.028	ng	97
15) Benzyl Alcohol	6.89	79	115672	44.515	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	119482	40.339	ng	87
17) 2-Methylphenol	7.00	107	110287	46.918	ng	98
18) Hexachloroethane	7.24	117	52156	41.308	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	97349	43.827	ng	98
20) 3+4-Methylphenols	7.16	107	139064	45.122	ng	# 81
22) Acetophenone	7.15	105	189602	41.886	ng	95
24) Nitrobenzene	7.32	77	144274	43.623	ng	99
25) Isophorone	7.56	82	265849	44.505	ng	99
26) 2-Nitrophenol	7.64	139	65387	44.328	ng	99
27) 2,4-Dimethylphenol	7.68	122	112561	51.061	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	154078	41.801	ng	99
29) 2,4-Dichlorophenol	7.88	162	102507	44.333	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	103552	41.733	ng	100
31) Naphthalene	8.03	128	370723	43.874	ng	98
32) Benzoic acid	7.83	122	58728	38.895	ng	98
33) 4-Chloroaniline	8.09	127	84441	23.679	ng	99
34) Hexachlorobutadiene	8.15	225	56530	39.361	ng	98
35) Caprolactam	8.46	113	16387	22.062	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	120805	45.811	ng	98
37) 2-Methylnaphthalene	8.73	142	255353	44.849	ng	99
38) 1-Methylnaphthalene	8.83	142	240194	44.895	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	97754	40.936	ng	99

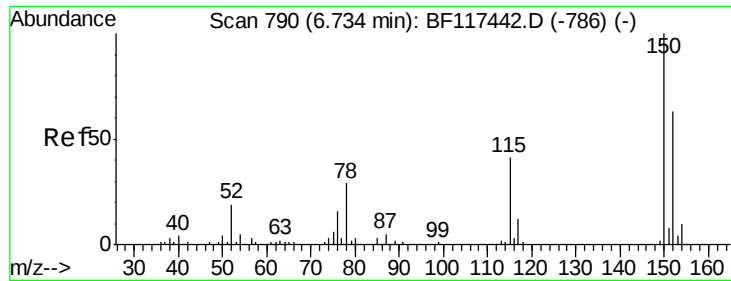
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	57403	85.543	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	62404	41.730	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	64971	42.876	nq	92
46) 1,1'-Biphenyl	9.19	154	300174	40.896	nq	99
47) 2-Chloronaphthalene	9.22	162	230649	41.678	nq	98
48) 2-Nitroaniline	9.32	65	75071	41.322	nq	89
49) Acenaphthylene	9.63	152	364950	44.896	nq	99
50) Dimethylphthalate	9.49	163	263180	41.639	nq	100
51) 2,6-Dinitrotoluene	9.56	165	57847	43.859	nq	# 84
52) Acenaphthene	9.80	154	211682	42.445	nq	100
53) 3-Nitroaniline	9.73	138	42262	26.409	nq	95
54) 2,4-Dinitrophenol	9.85	184	36632	67.860	nq	99
55) Dibenzofuran	9.97	168	318788	44.120	nq	99
56) 4-Nitrophenol	9.91	139	63515	85.901	nq	93
57) 2,4-Dinitrotoluene	9.97	165	77154	43.999	nq	89
58) Fluorene	10.32	166	262423	43.919	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	53228	44.692	nq	98
60) Diethylphthalate	10.19	149	270923	42.378	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	115126	42.945	nq	95
62) 4-Nitroaniline	10.35	138	59108	39.186	nq	98
63) Azobenzene	10.46	77	288610	44.100	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	32356	43.675	nq	96
66) n-Nitrosodiphenylamine	10.43	169	228619	42.918	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	62850	40.045	nq	97
68) Hexachlorobenzene	10.87	284	67095	39.918	nq	94
69) Atrazine	10.96	200	70606	52.097	nq	97
70) Pentachlorophenol	11.07	266	48156	95.570	nq	98
71) Phenanthrene	11.27	178	365815	43.236	nq	99
72) Anthracene	11.33	178	384639	44.306	nq	99
73) Carbazole	11.49	167	353315	44.533	nq	99
74) Di-n-butylphthalate	11.81	149	444734	41.953	nq	99
75) Fluoranthene	12.46	202	374809	44.251	nq	99
77) Benzidine	12.59	184	217287	Below Cal		98
78) Pyrene	12.69	202	381729	40.413	nq	100
80) Butylbenzylphthalate	13.30	149	182717	38.873	nq	98
81) Benzo(a)anthracene	13.89	228	313053	42.203	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	63052	27.088	nq	98
83) Chrysene	13.92	228	305669	42.046	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	263646	40.041	nq	# 96
85) Di-n-octyl phthalate	14.48	149	437629	43.229	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	218718	40.296	nq	98
88) Benzo(b)fluoranthene	14.92	252	266183	43.635	nq	97
89) Benzo(k)fluoranthene	14.94	252	247467	39.580	nq	99
90) Benzo(a)pyrene	15.27	252	230610	41.579	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	189901	39.598	nq	98
92) Benzo(g,h,i)perylene	17.15	276	178994	39.447	nq	99

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

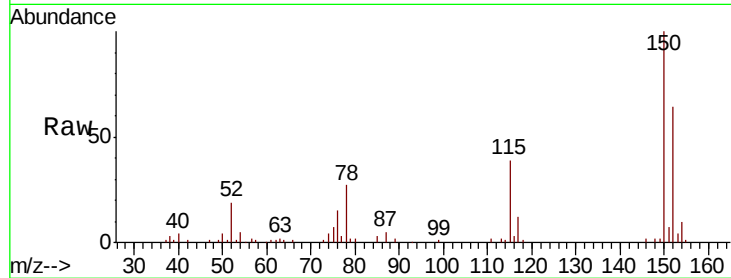


#1

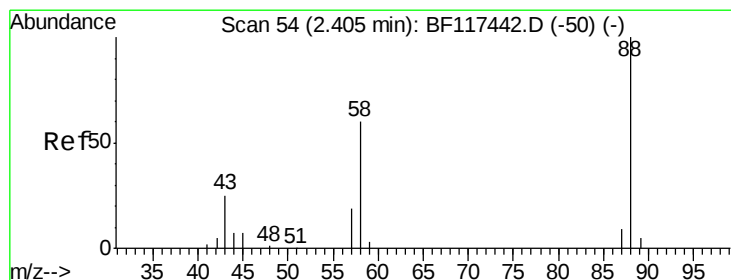
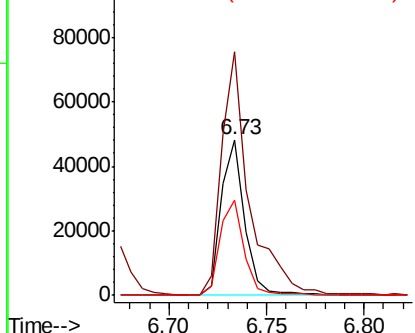
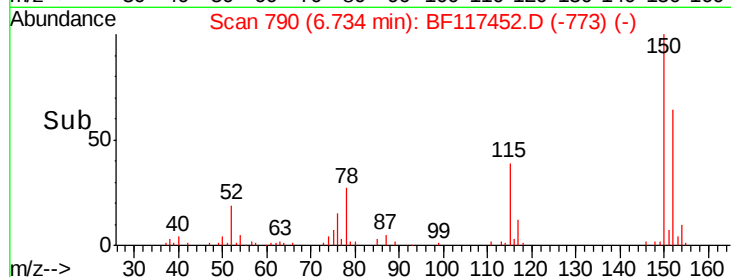
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 40286
Ion Ratio Lower Upper
152 100
150 156.6 126.8 190.2
115 61.0 51.6 77.4



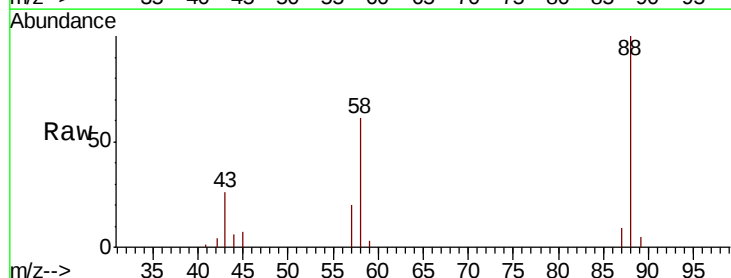
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



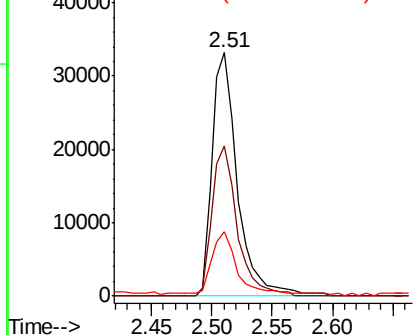
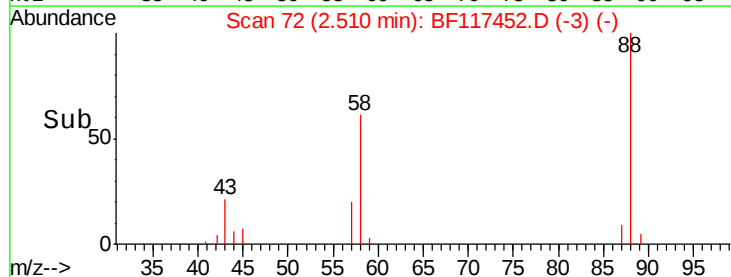
#2

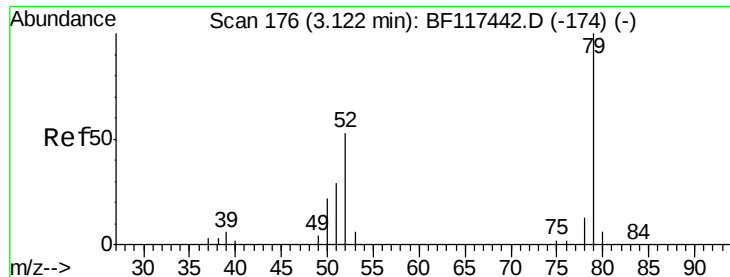
1,4-Dioxane
Concen: 42.075 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.11 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion: 88 Resp: 47903
Ion Ratio Lower Upper
88 100
58 61.1 48.8 73.2
43 29.3 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: 36.903 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.11 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

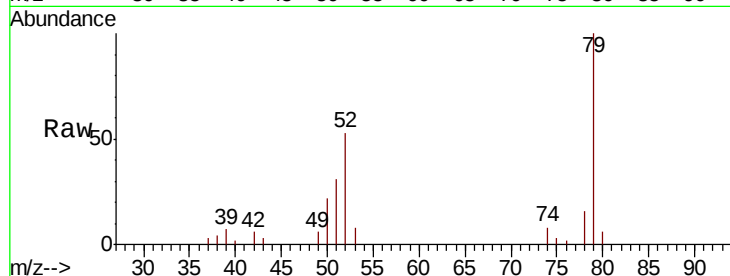
Tot Ion: 79 Resp: 102853

Ion Ratio Lower Upper

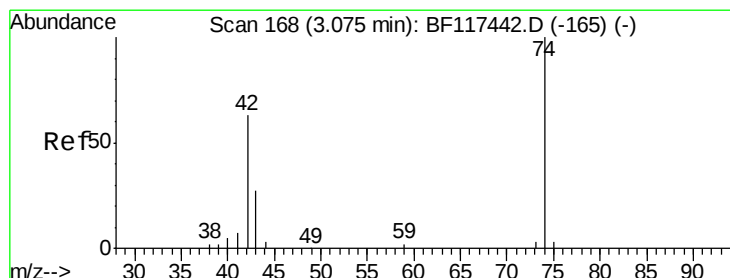
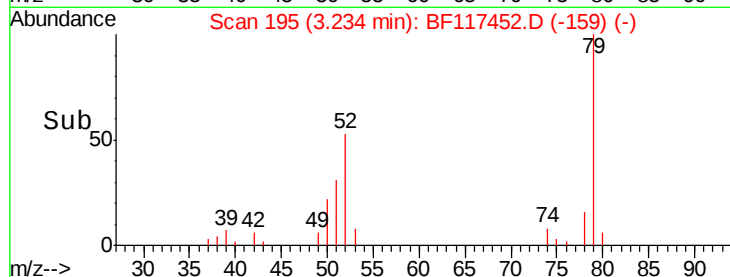
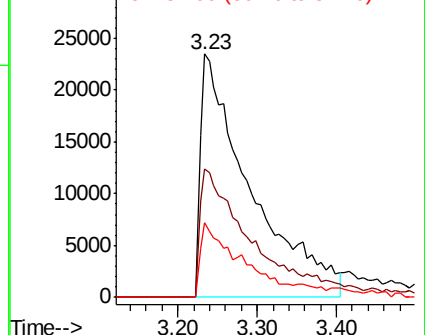
79 100

52 52.8 42.4 63.6

51 30.9 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: 45.192 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.09 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

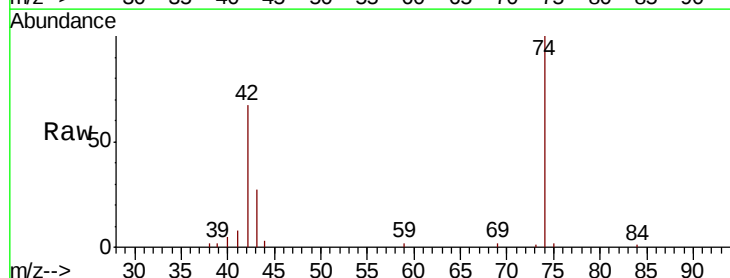
Tgt Ion: 42 Resp: 45694

Ion Ratio Lower Upper

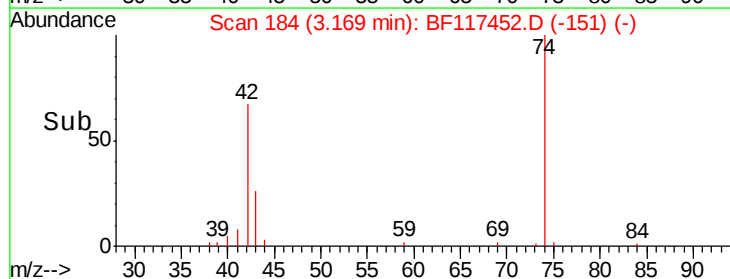
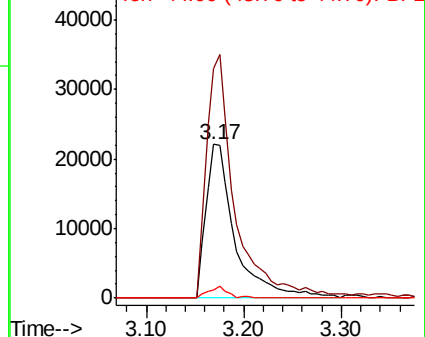
42 100

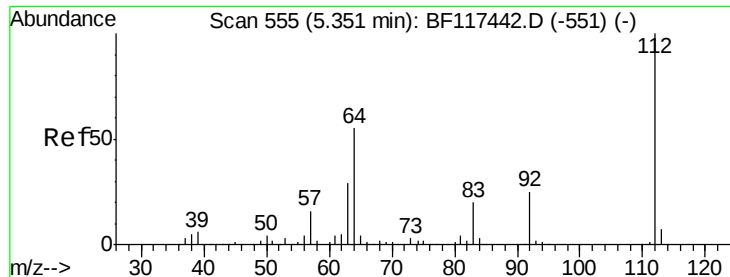
74 149.8 124.2 186.4

44 5.2 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: 117.302 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF117452.D

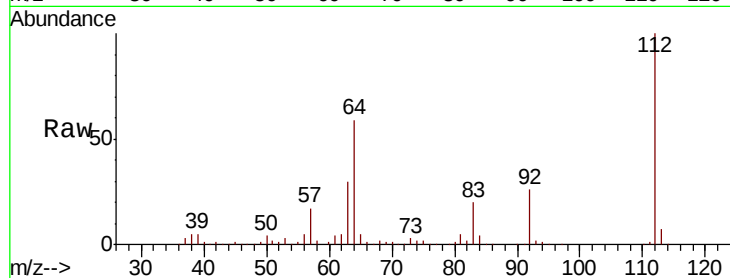
Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

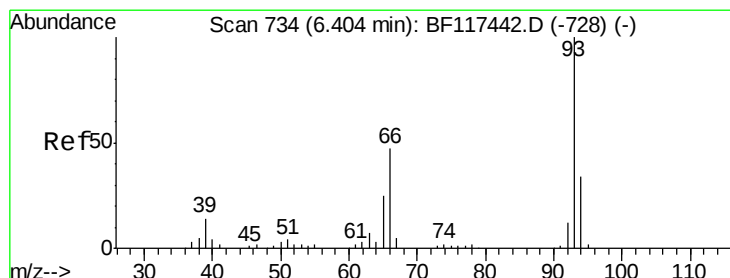
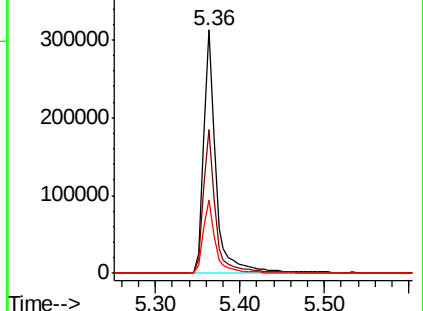
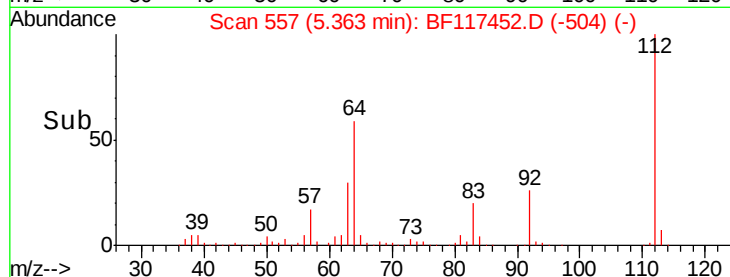
Tot Ion:	112	Resp:	317647
Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	30.0	23.4	35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.067 ng

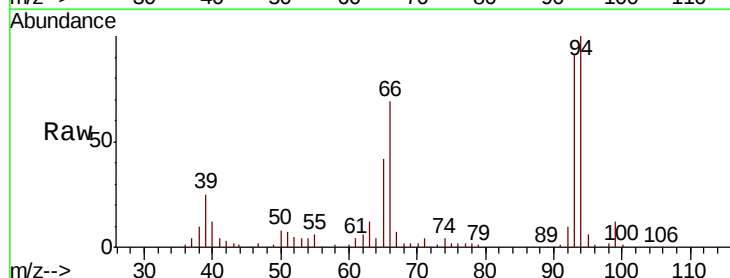
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

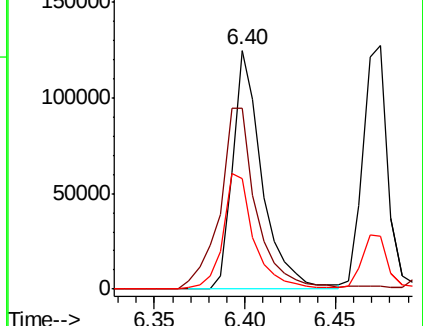
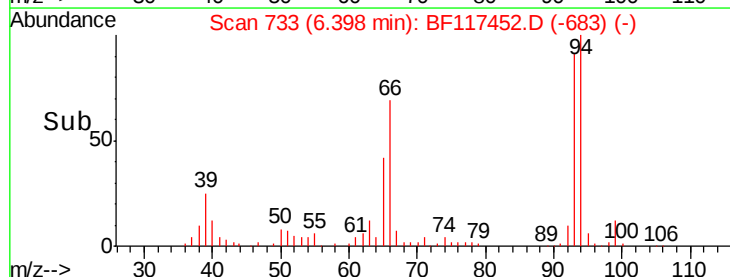
Tgt Ion:	93	Resp:	141194
Ion	Ratio	Lower	Upper
93	100		
66	75.9	38.7	58.1#
65	46.3	20.1	30.1#

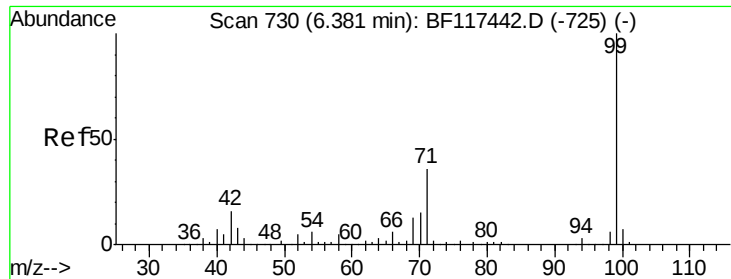


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.254 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampled :

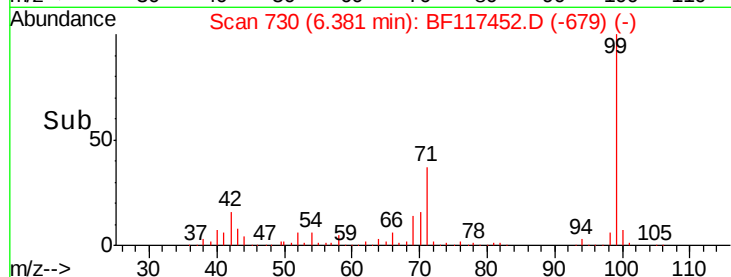
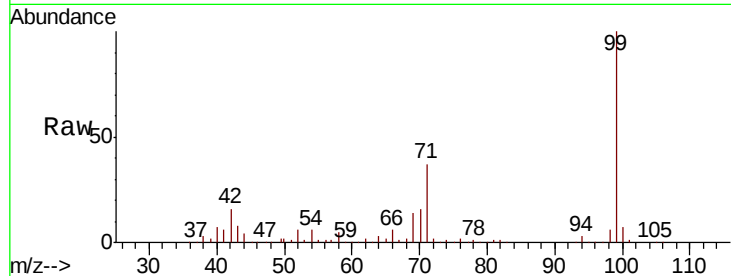
Tot Ion: 99 Resp: 422822

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

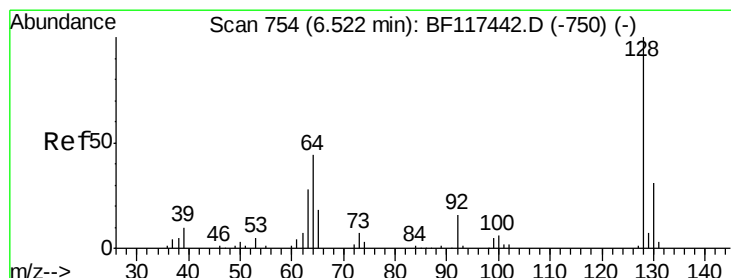
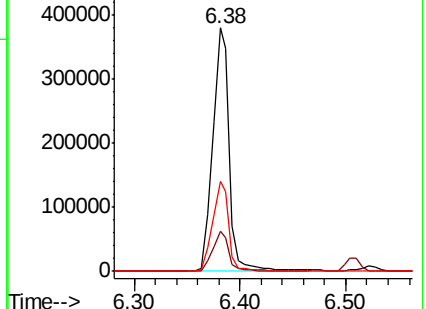
71 36.8 28.6 43.0



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: 44.787 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

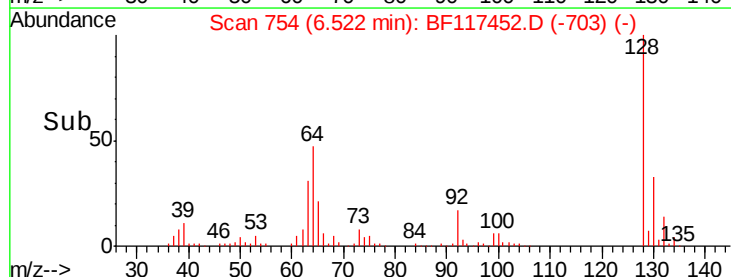
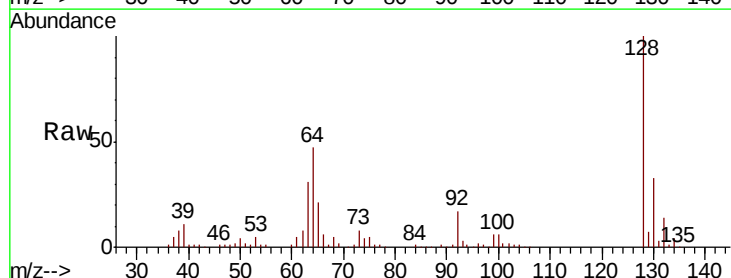
Tgt Ion:128 Resp: 127975

Ion Ratio Lower Upper

128 100

130 32.7 11.1 51.1

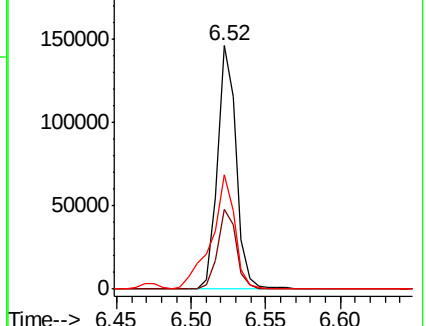
64 46.9 27.1 67.1



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: 49.445 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

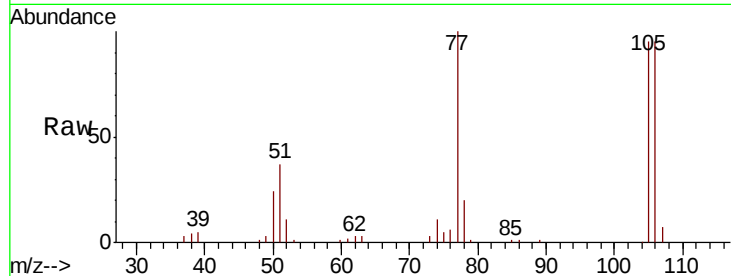
Tot Ion: 77 Resp: 82479

Ion Ratio Lower Upper

77 100

105 95.4 73.4 113.4

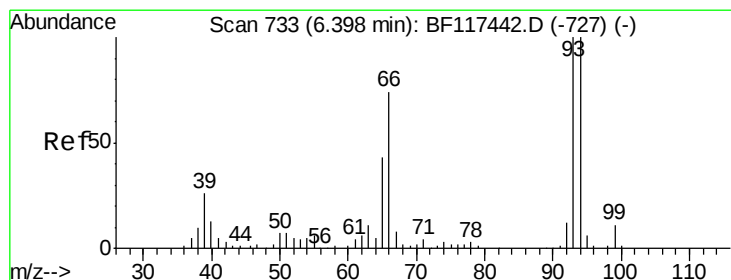
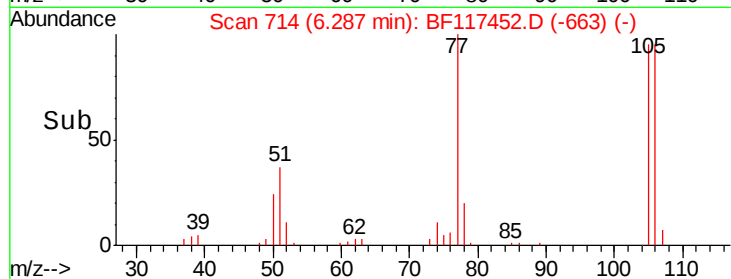
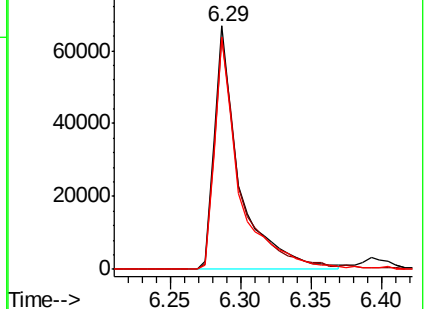
106 95.1 73.0 113.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.803 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

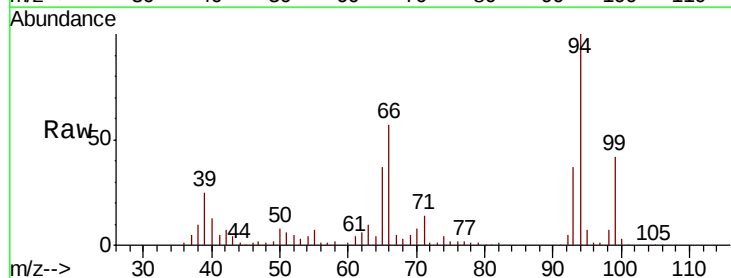
Tgt Ion: 94 Resp: 162602

Ion Ratio Lower Upper

94 100

65 36.7 23.4 63.4

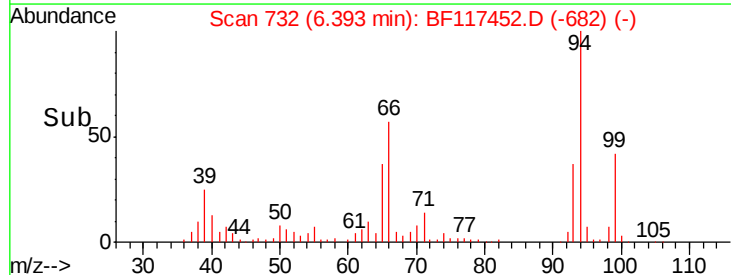
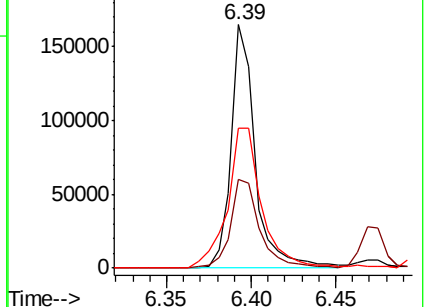
66 57.5 54.7 94.7

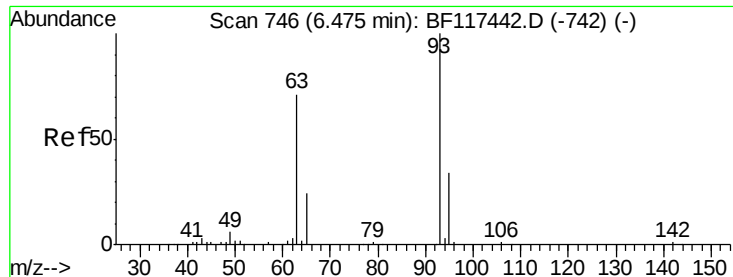


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

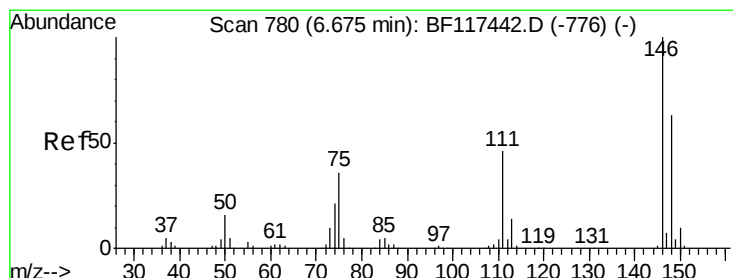
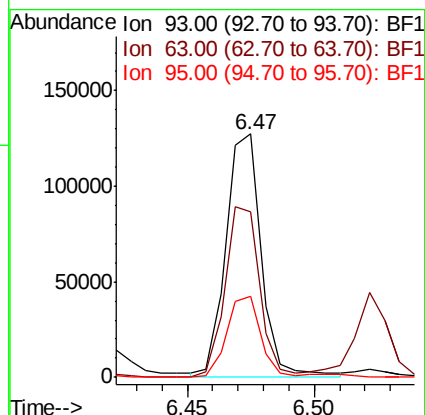
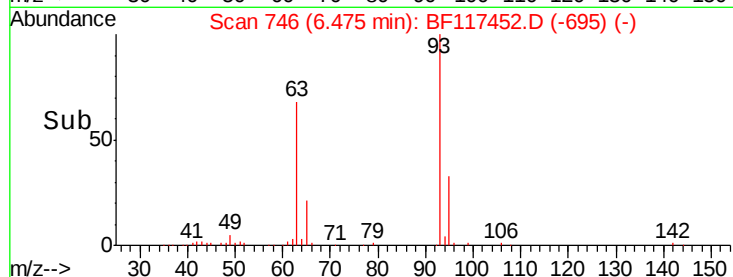
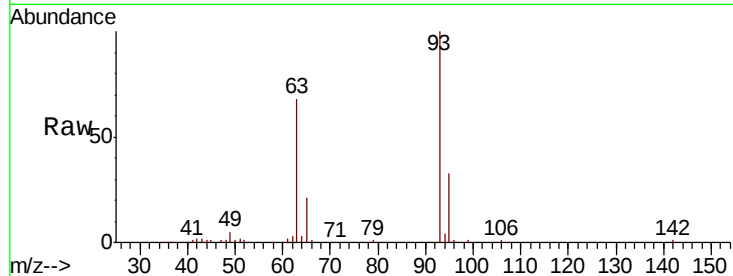




#11
bis(2-Chloroethyl)ether
Concen: 44.861 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

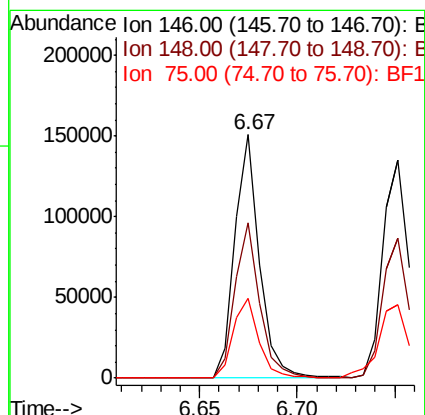
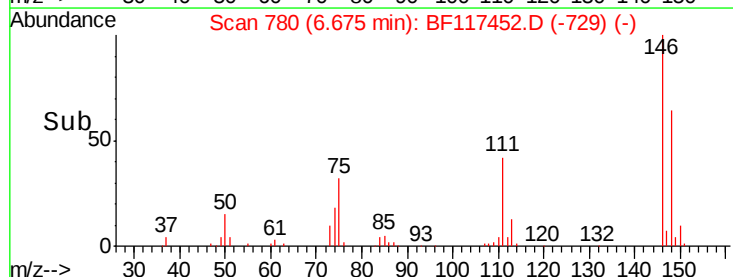
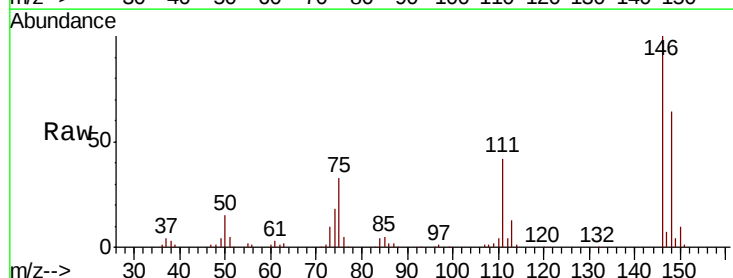
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	50.2	90.2
95	33.1	13.9	53.9



#12
1,3-Dichlorobenzene
Concen: 41.585 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	32.6	28.6	43.0

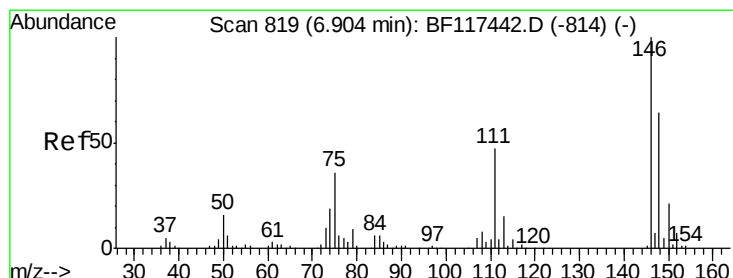
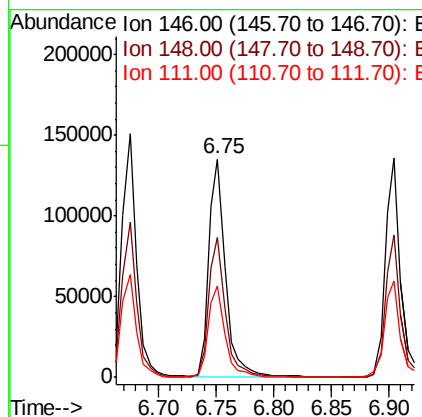
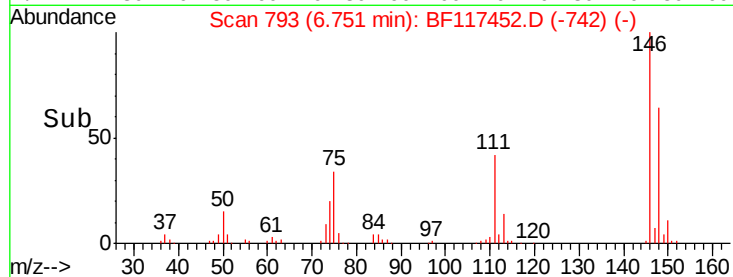
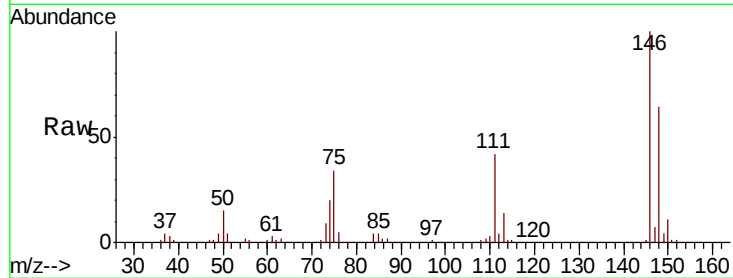




#13
 1,4-Dichlorobenzene
 Concen: 42.455 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

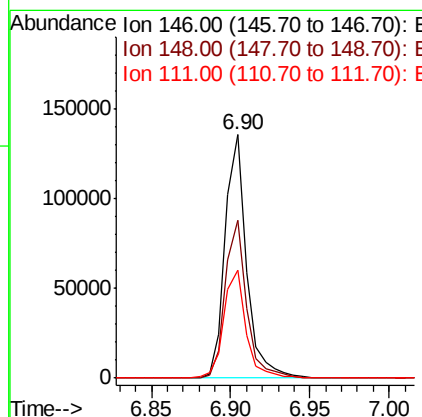
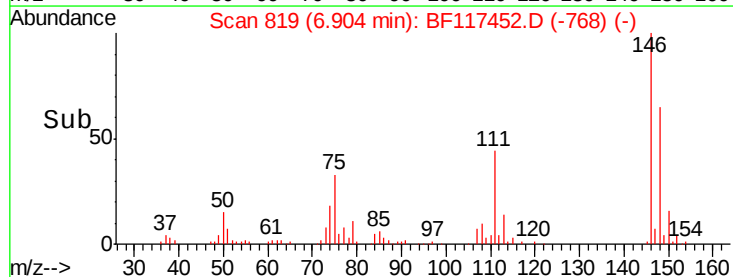
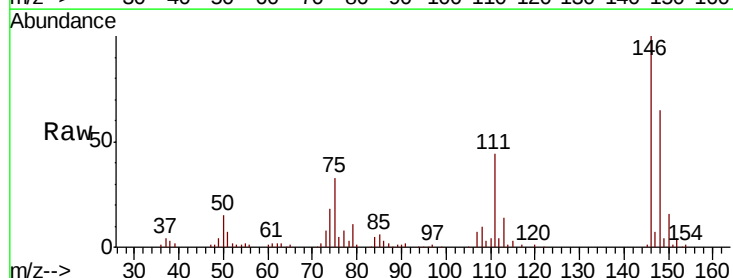
Instrument :
 BNA_F
 ClientSampleId :

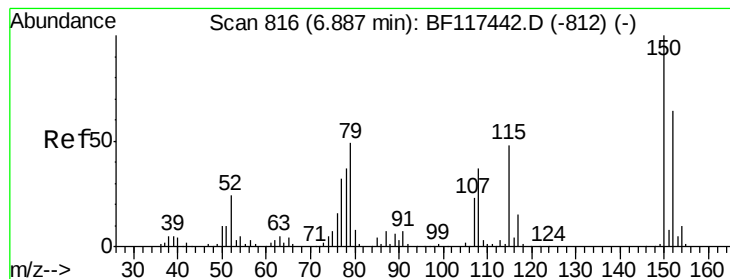
Tot Ion:146 Resp: 137335
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.3 73.9
 111 42.0 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 42.028 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:146 Resp: 128150
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 111 44.1 37.7 56.5





#15

Benzyl Alcohol

Concen: 44.515 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

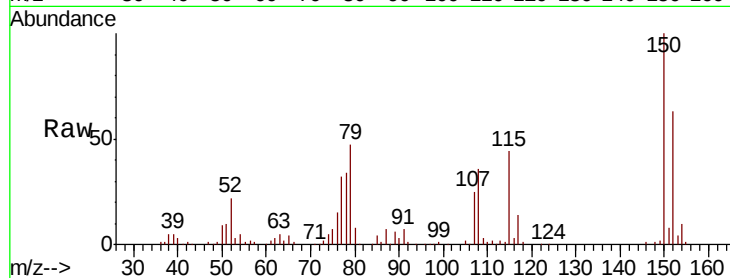
Tot Ion: 79 Resp: 115672

Ion Ratio Lower Upper

79 100

108 75.9 59.8 89.8

77 66.9 51.4 77.0

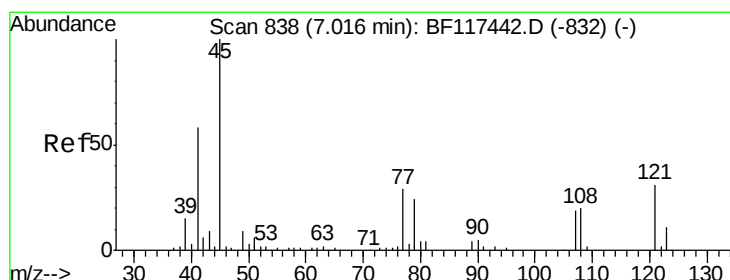
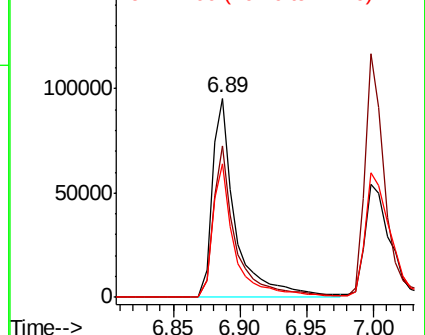
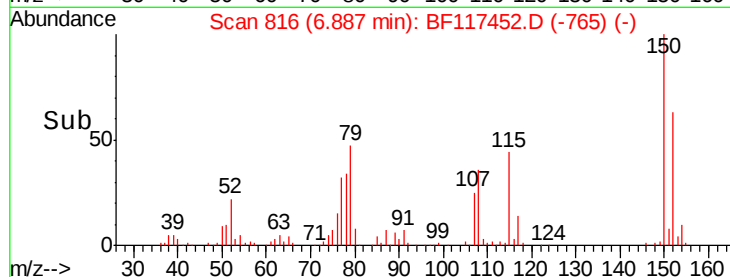


Abundance

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: 40.339 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

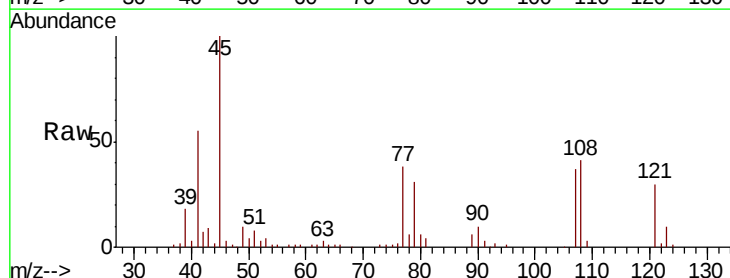
Tgt Ion: 45 Resp: 119482

Ion Ratio Lower Upper

45 100

77 38.1 9.9 49.9

79 31.0 5.5 45.5

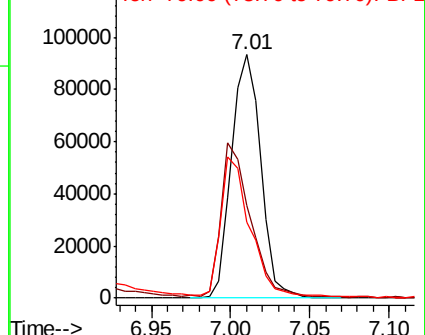
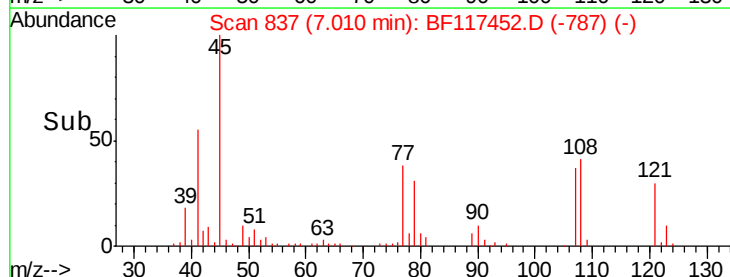


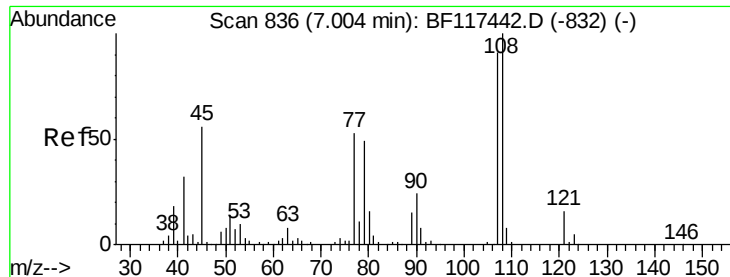
Abundance

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

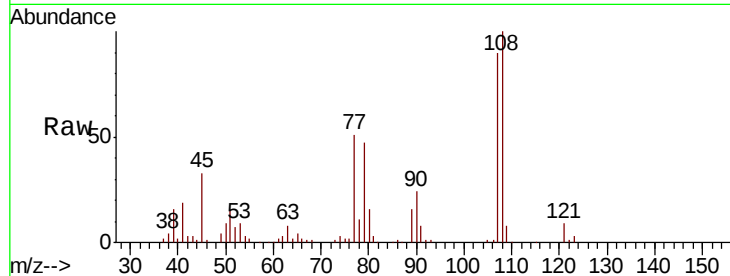




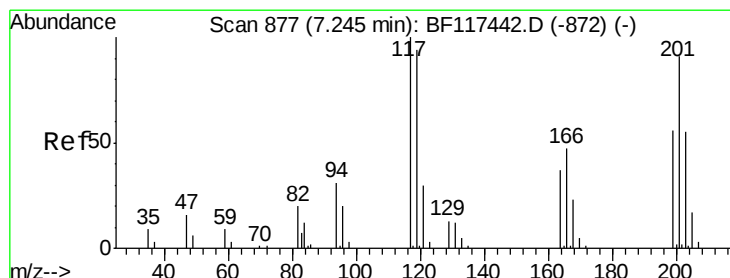
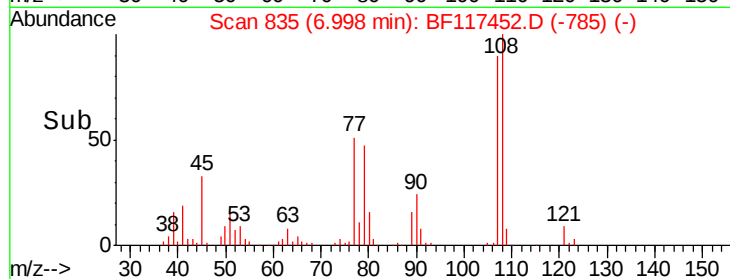
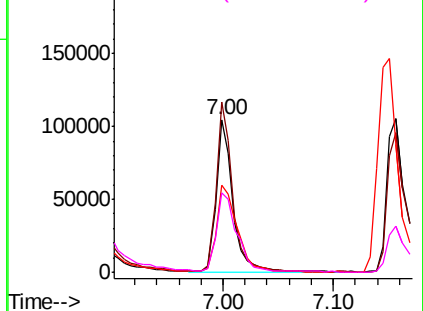
#17
2-Methylphenol
Concen: 46.918 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 110287
Ion Ratio Lower Upper
107 100
108 111.3 88.0 132.0
77 57.0 47.2 70.8
79 51.9 44.1 66.1

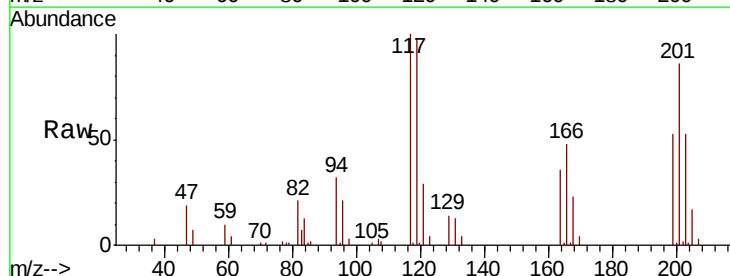


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

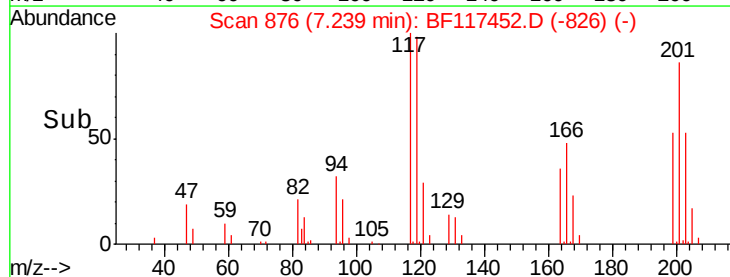
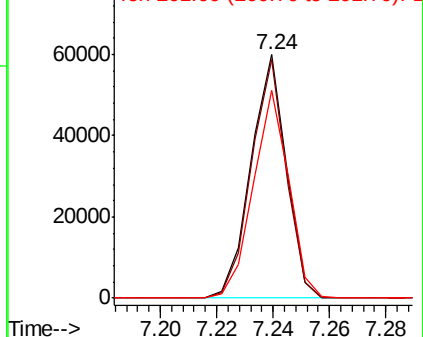


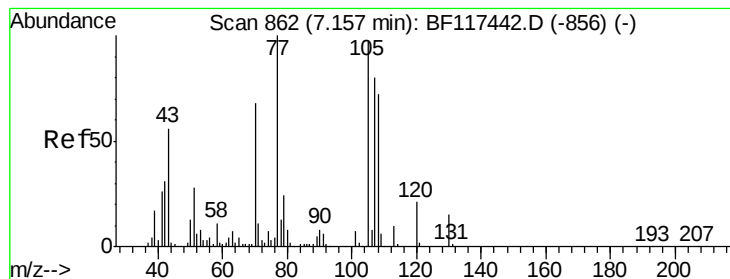
#18
Hexachloroethane
Concen: 41.308 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:117 Resp: 52156
Ion Ratio Lower Upper
117 100
119 97.9 75.4 113.0
201 85.5 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: 43.827 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 97349

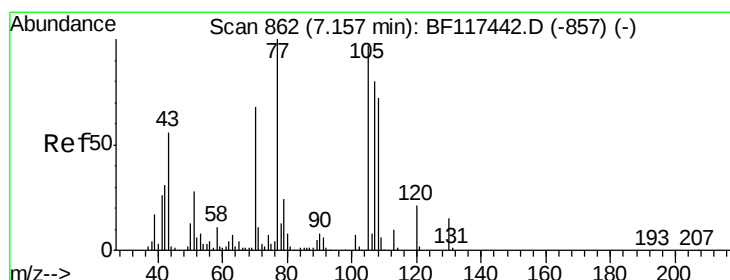
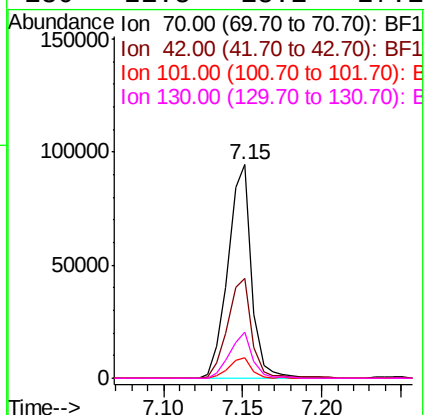
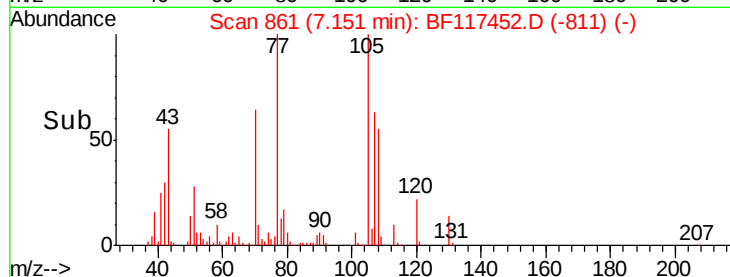
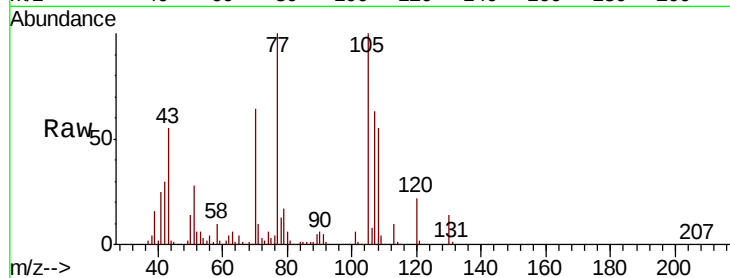
Ion Ratio Lower Upper

70 100

42 46.8 36.7 55.1

101 9.7 8.3 12.5

130 21.8 18.1 27.1



#20

3+4-Methylphenols

Concen: 45.122 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:107 Resp: 139064

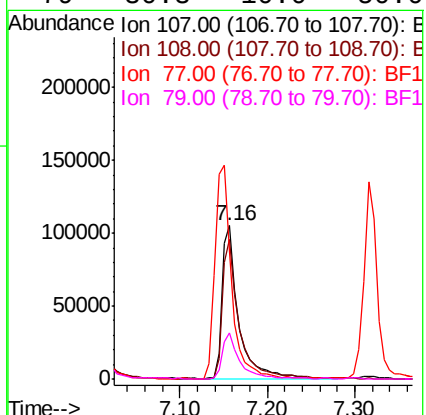
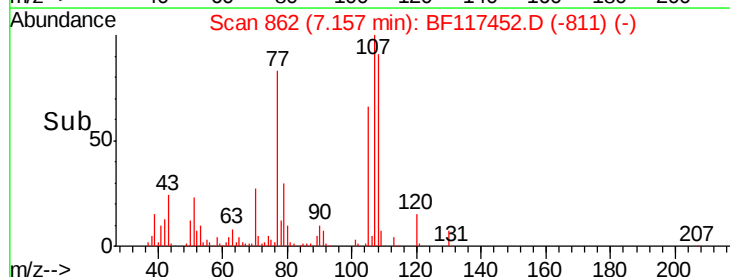
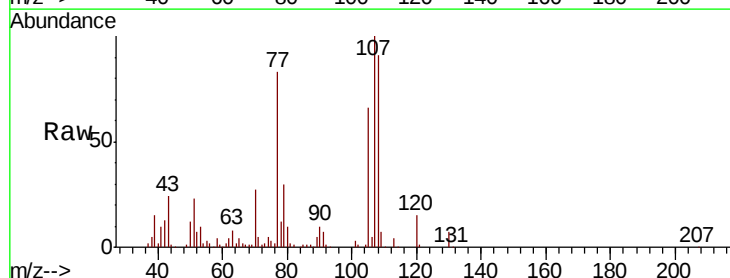
Ion Ratio Lower Upper

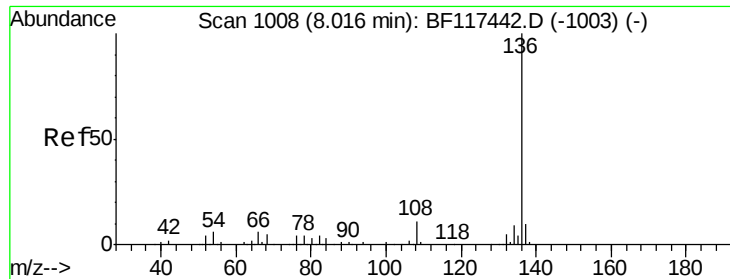
107 100

108 90.7 70.3 110.3

77 83.3 104.8 144.8#

79 30.3 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: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 170470

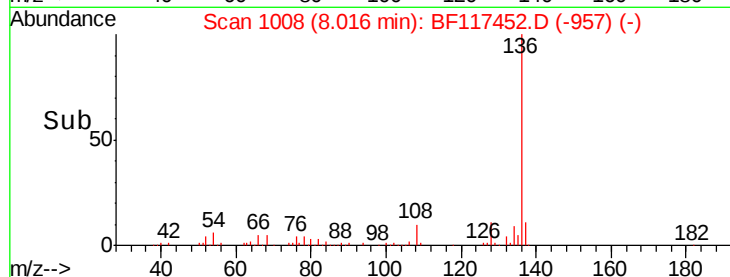
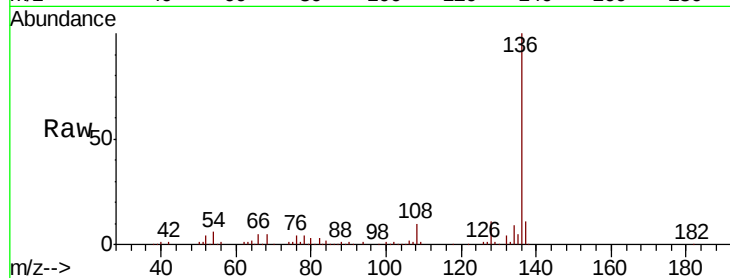
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 5.6 4.5 6.7

68 4.6 4.3 6.5

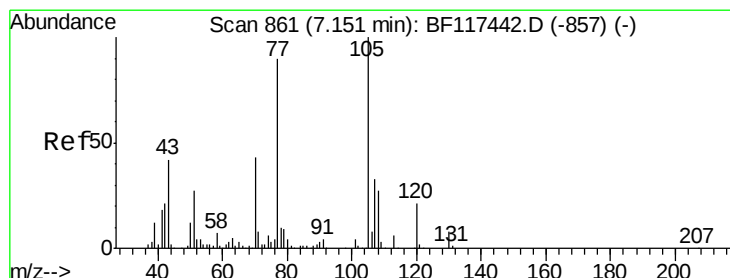
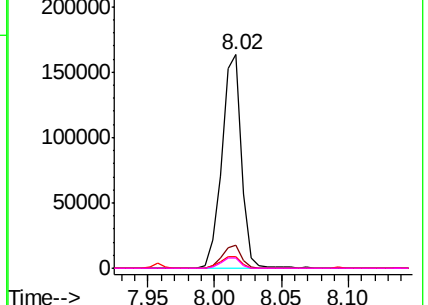


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.886 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:105 Resp: 189602

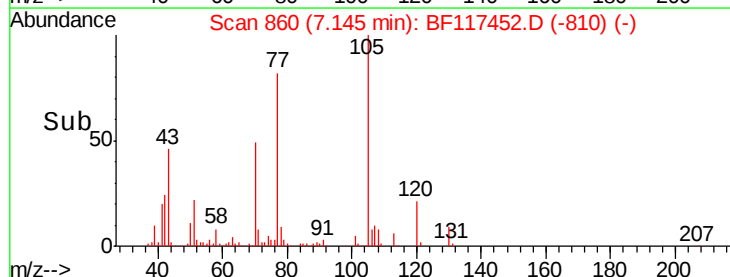
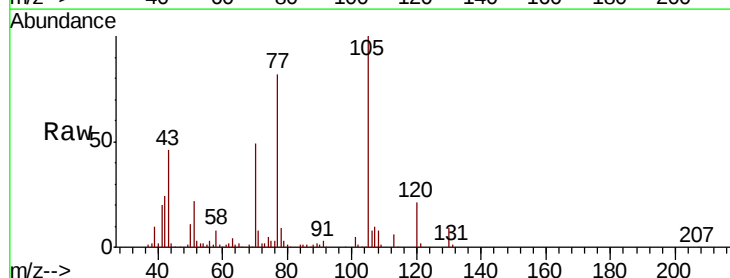
Ion Ratio Lower Upper

105 100

71 7.9 6.2 9.2

51 22.2 21.8 32.6

120 21.1 16.7 25.1

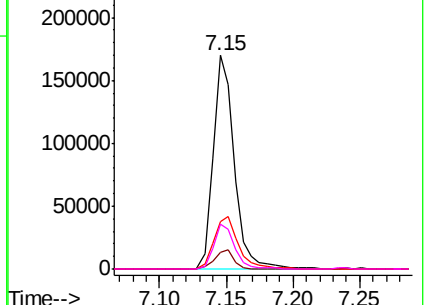


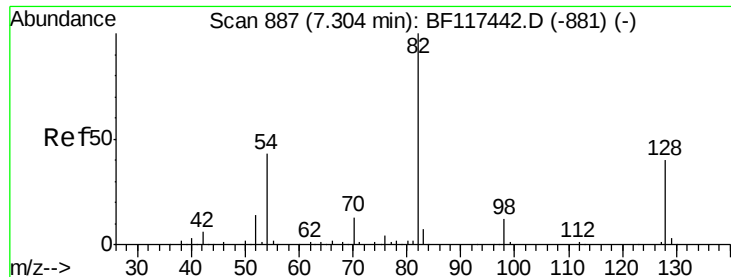
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

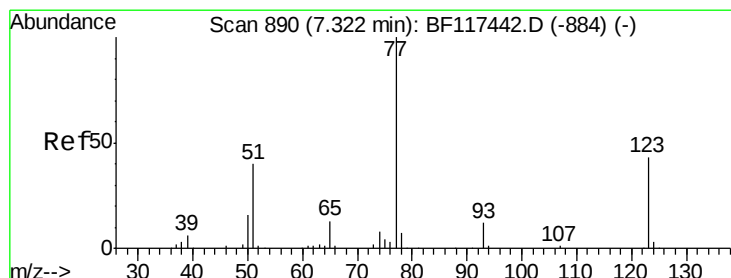
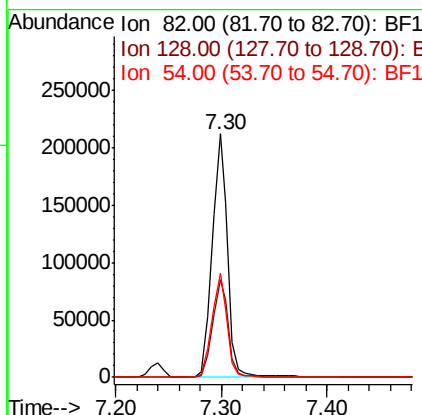
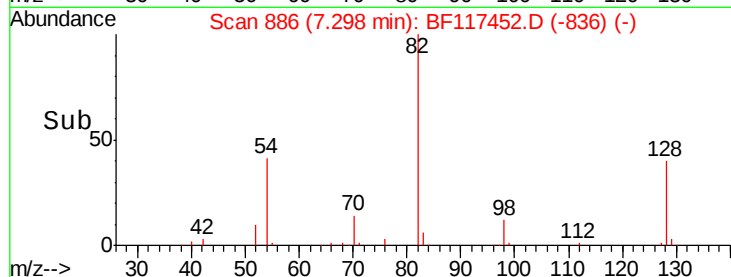
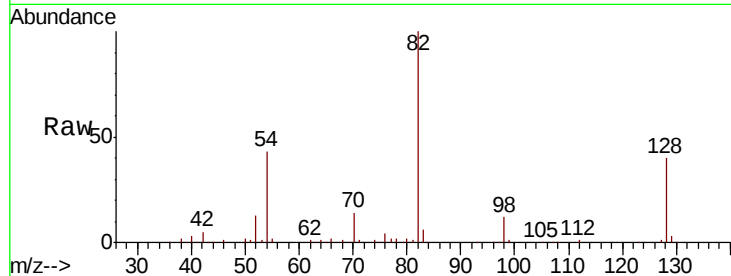




#23
Nitrobenzene-d5
Concen: 63.375 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

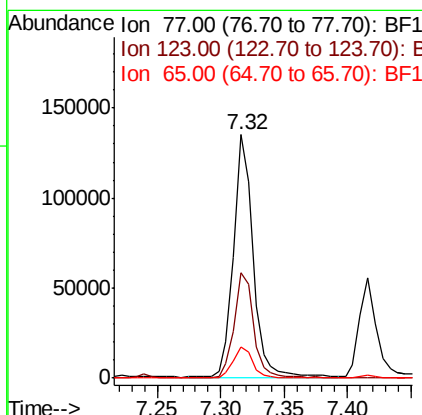
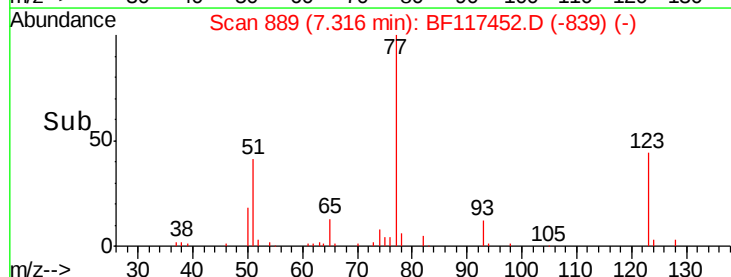
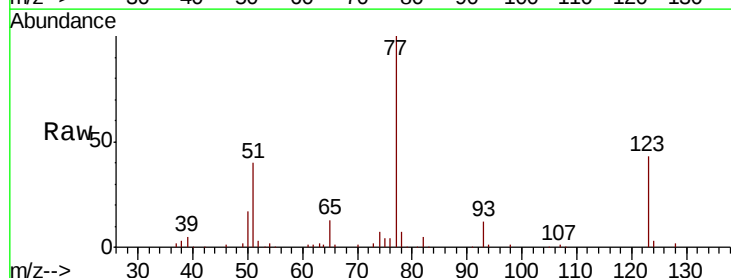
Instrument :
BNA_F
ClientSampleId :

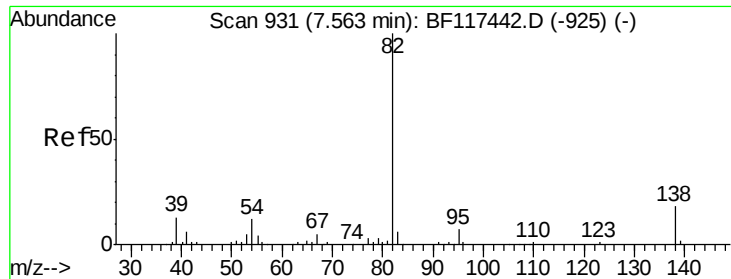
Tot Ion: 82 Resp: 218839
Ion Ratio Lower Upper
82 100
128 39.9 32.2 48.2
54 42.5 34.2 51.2



#24
Nitrobenzene
Concen: 43.623 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion: 77 Resp: 144274
Ion Ratio Lower Upper
77 100
123 43.0 34.2 51.2
65 12.5 10.3 15.5





#25

Isophorone

Concen: 44.505 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

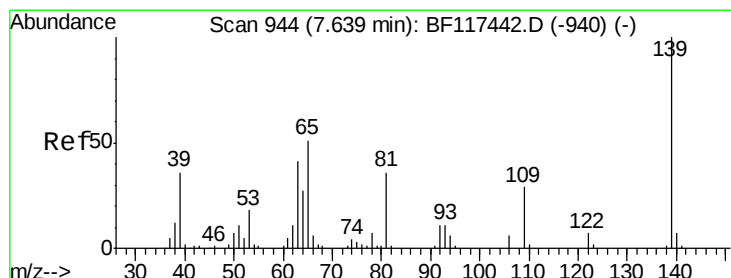
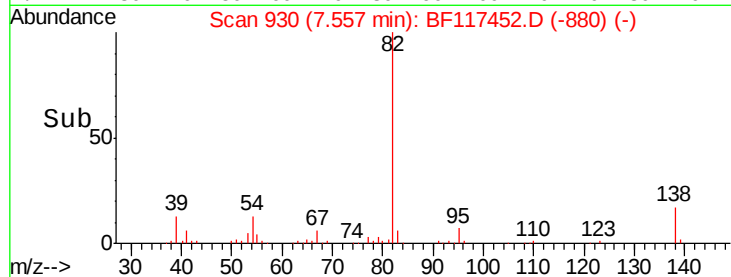
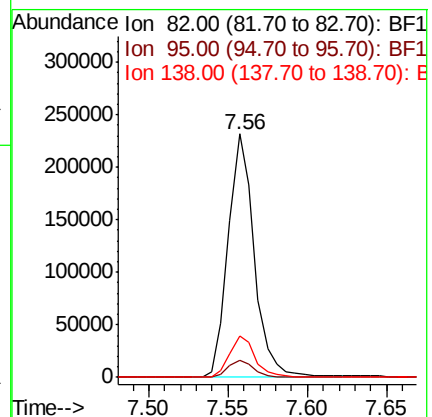
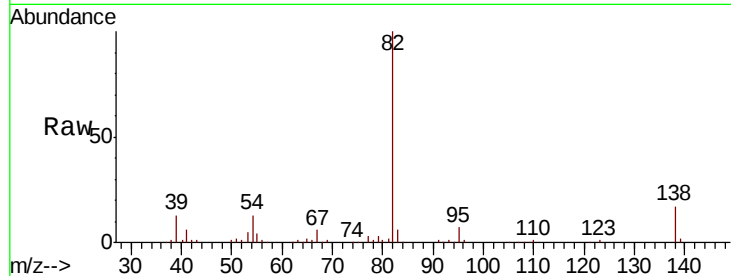
Tot Ion: 82 Resp: 265849

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 17.0 14.2 21.2



#26

2-Nitrophenol

Concen: 44.328 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

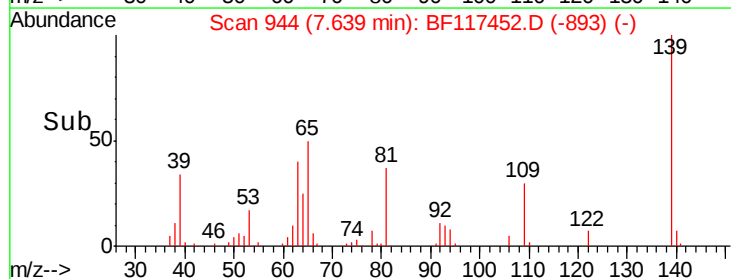
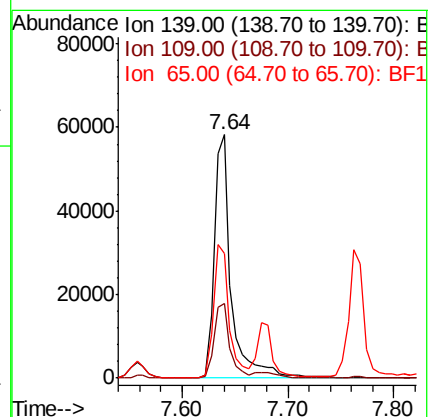
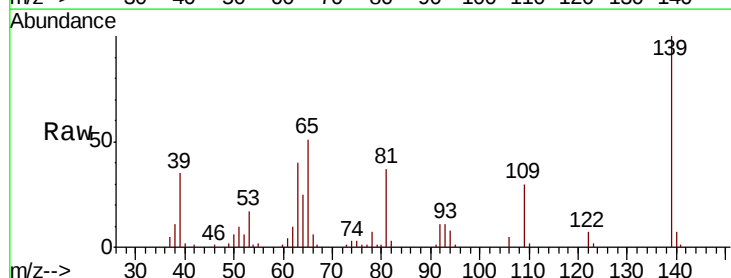
Tgt Ion: 139 Resp: 65387

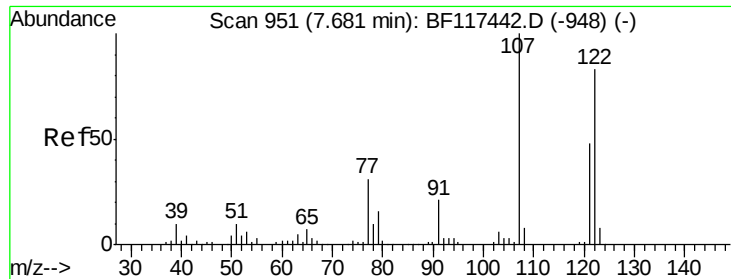
Ion Ratio Lower Upper

139 100

109 30.5 23.2 34.8

65 51.4 41.1 61.7

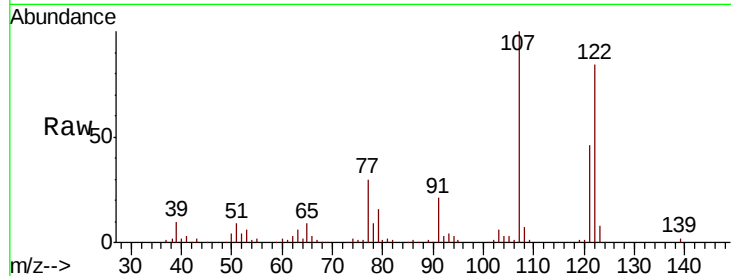




#27
 2,4-Dimethylphenol
 Concen: 51.061 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.5	96.8	145.2
121	54.8	46.4	69.6

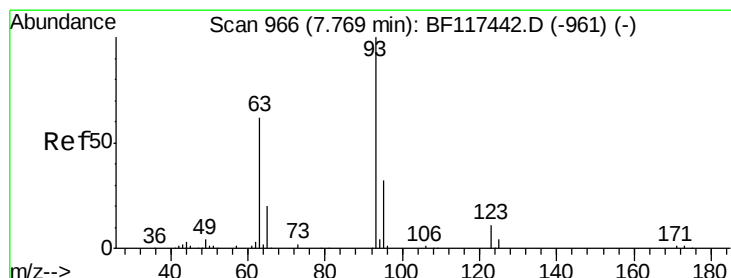
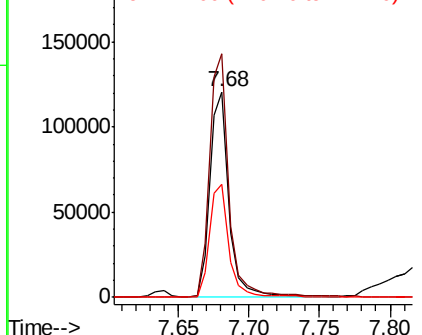
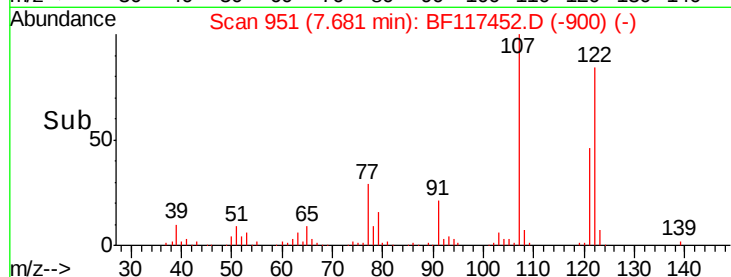


Abundance

Ion 122.00 (121.70 to 122.70): E

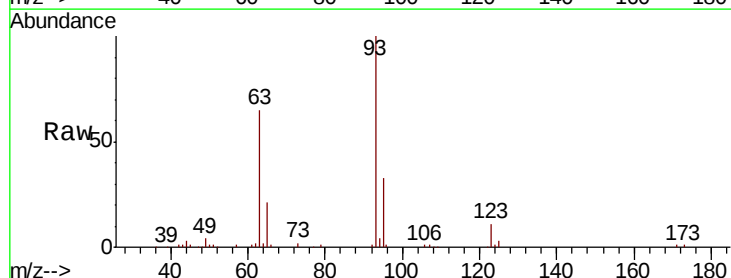
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.801 ng
 RT: 7.76 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	11.5	9.0	13.6

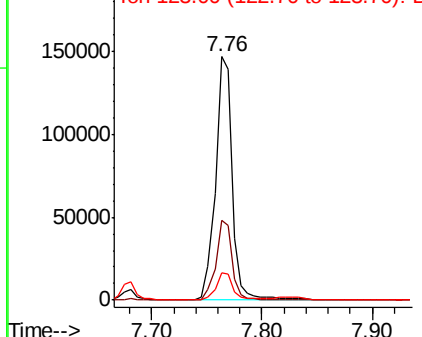
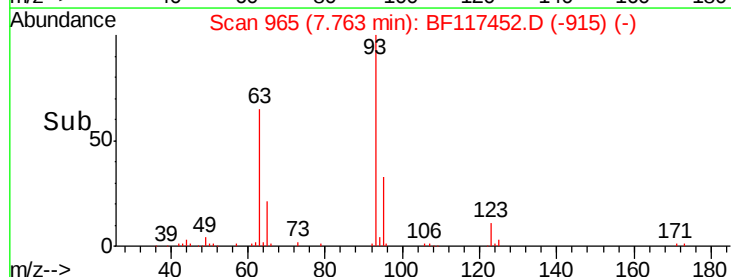


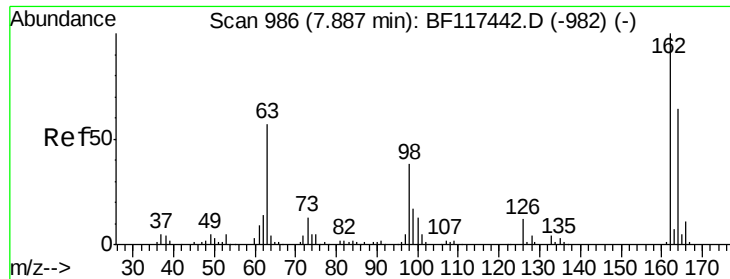
Abundance

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

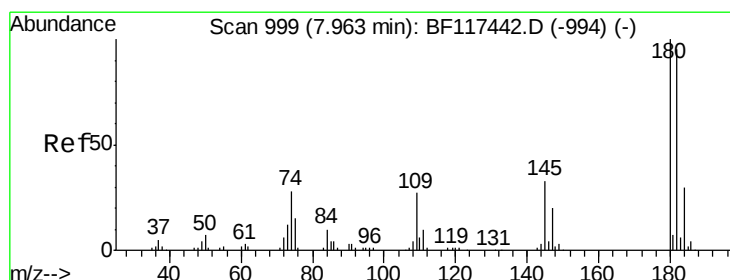
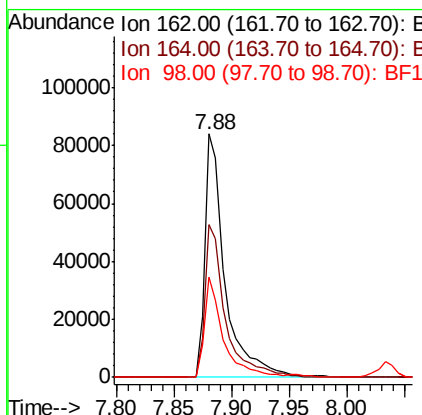
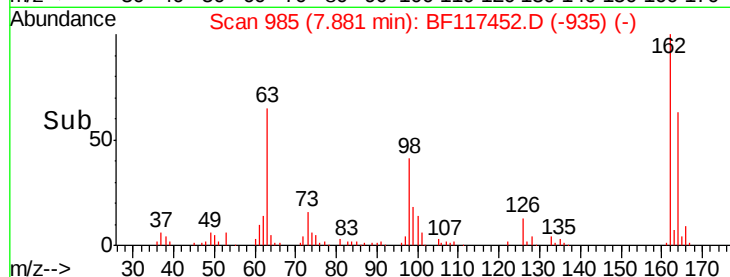
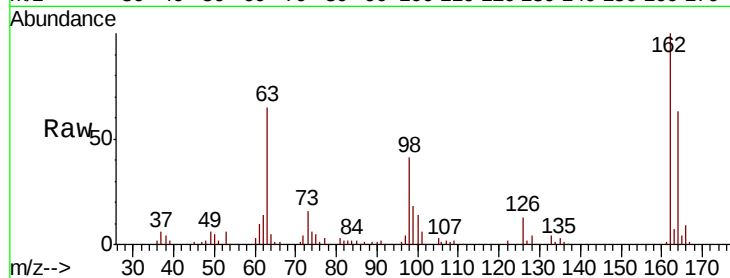




#29
 2,4-Dichlorophenol
 Concen: 44.333 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

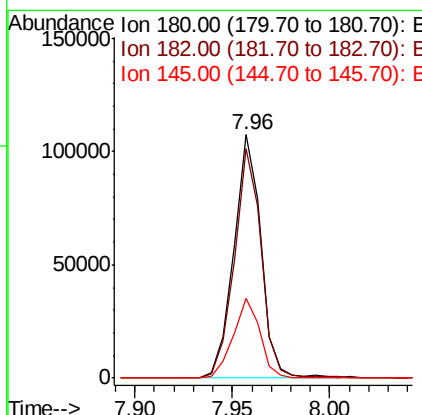
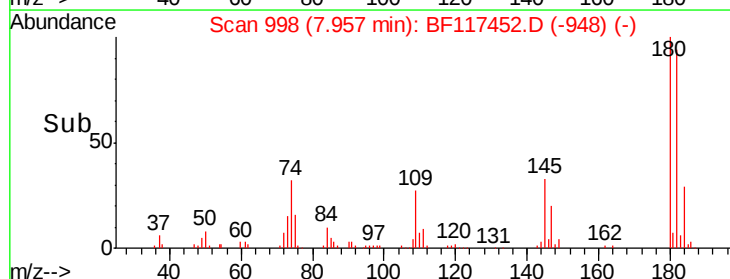
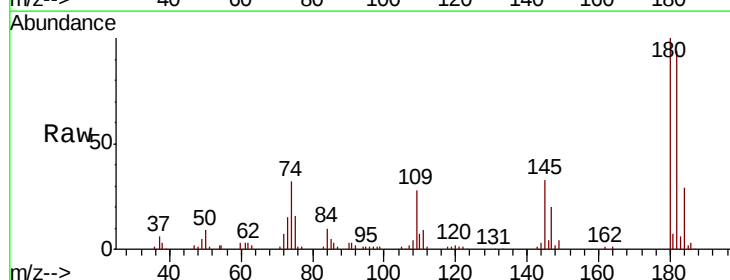
Instrument :
 BNA_F
 ClientSampleId :

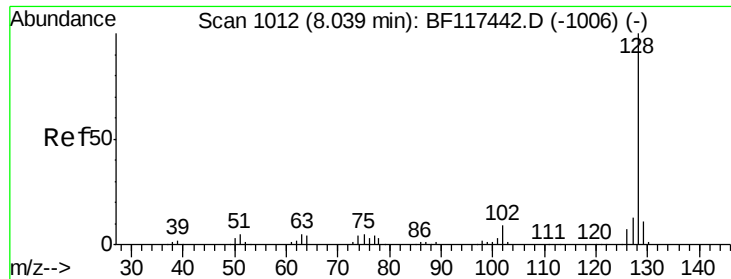
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.4	84.4
98	41.3	18.2	58.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.733 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.8
145	33.0	26.5	39.7

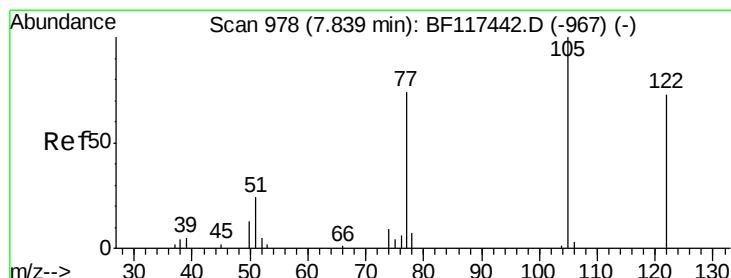
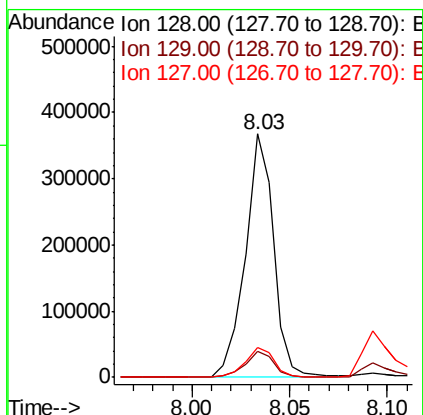
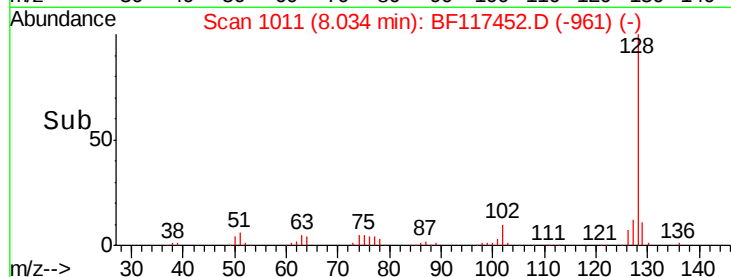
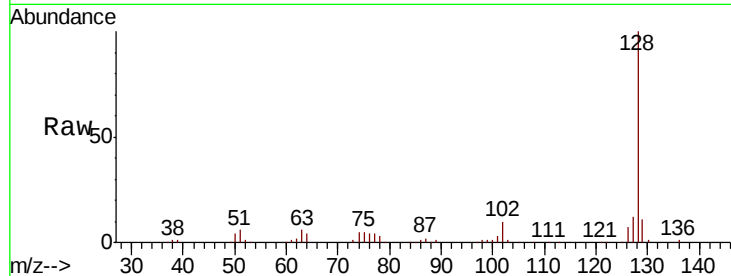




#31
Naphthalene
Concen: 43.874 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

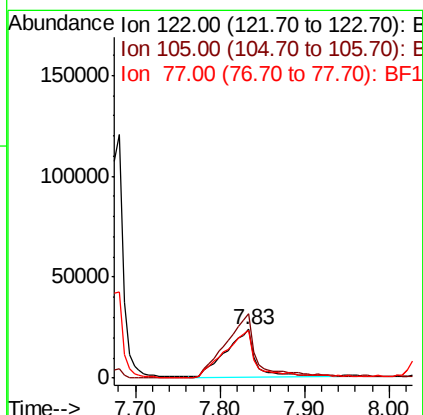
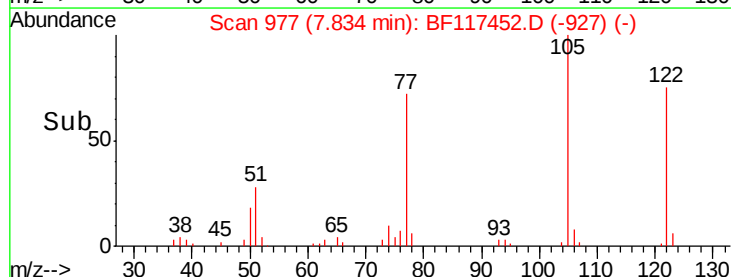
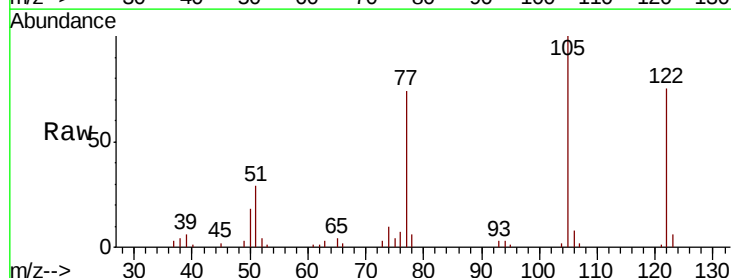
Instrument :
BNA_F
ClientSampleId :

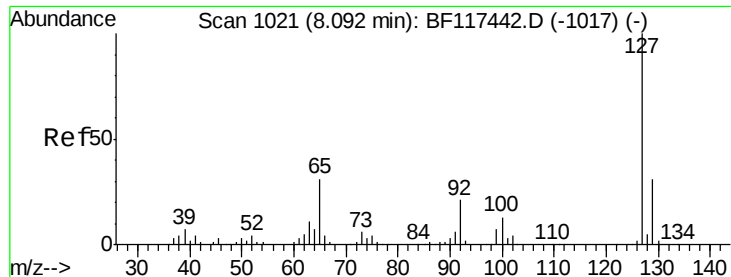
Tot Ion:128 Resp: 370723
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.1 10.2 15.2



#32
Benzoic acid
Concen: 38.895 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:122 Resp: 58728
Ion Ratio Lower Upper
122 100
105 132.6 115.0 155.0
77 97.8 79.7 119.7

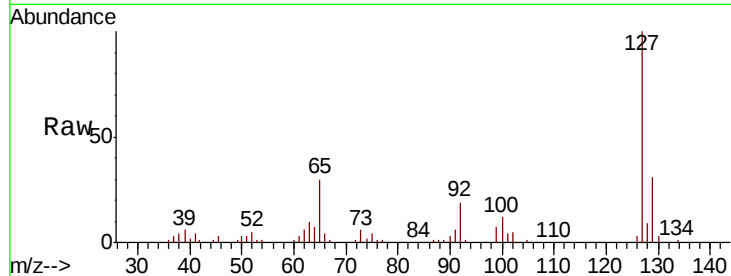




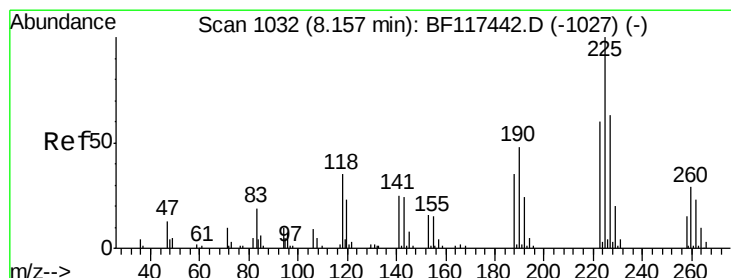
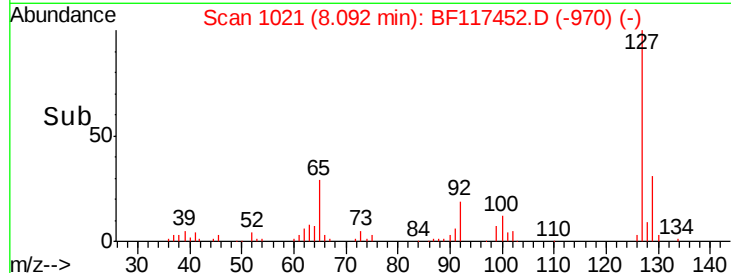
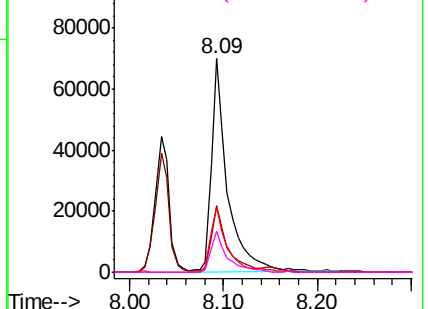
#33
4-Chloroaniline
Concen: 23.679 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	84441
Ion Ratio	Lower	Upper
127	100	
129	31.4	24.8 37.2
65	30.4	24.6 37.0
92	19.2	16.5 24.7

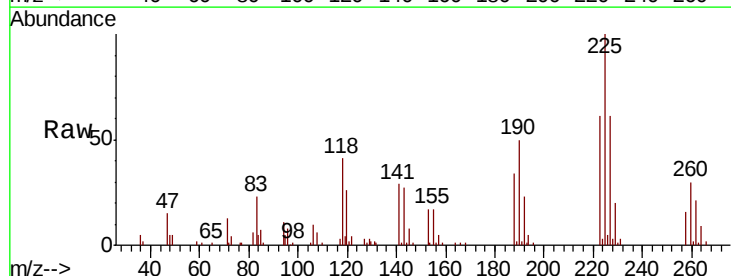


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

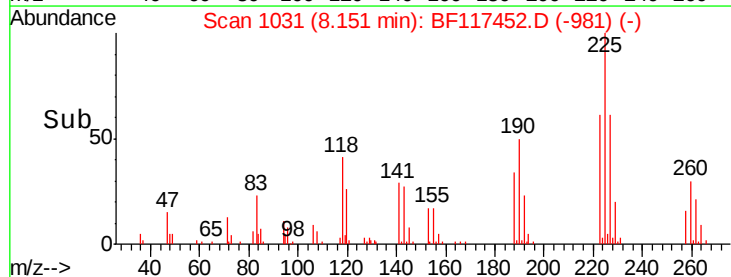
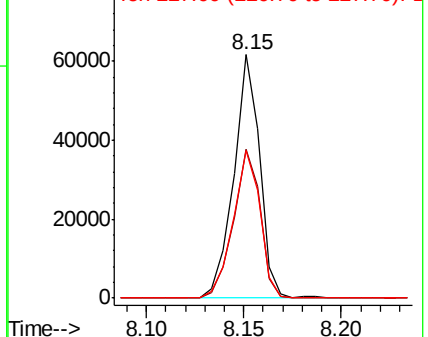


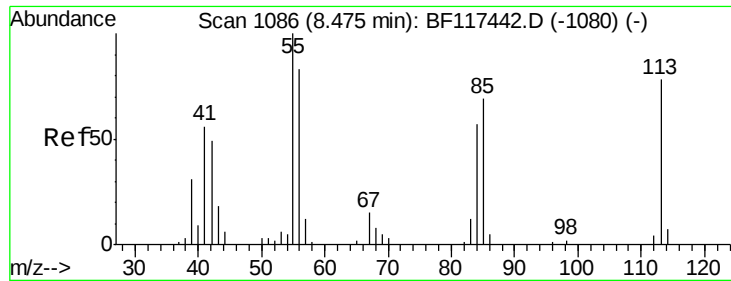
#34
Hexachlorobutadiene
Concen: 39.361 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:225	Resp:	56530
Ion Ratio	Lower	Upper
225	100	
223	61.1	48.2 72.4
227	60.8	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

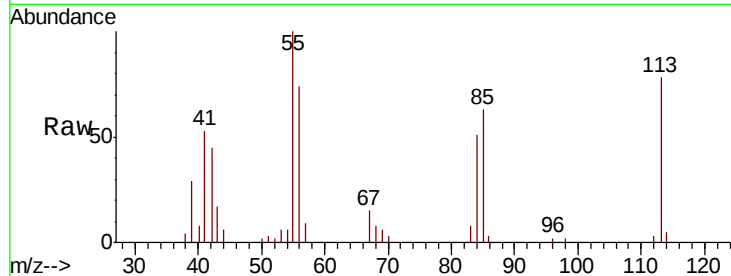




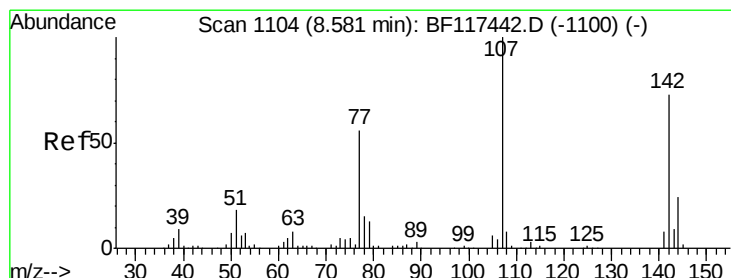
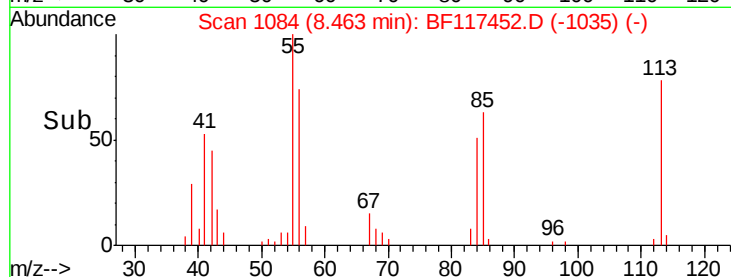
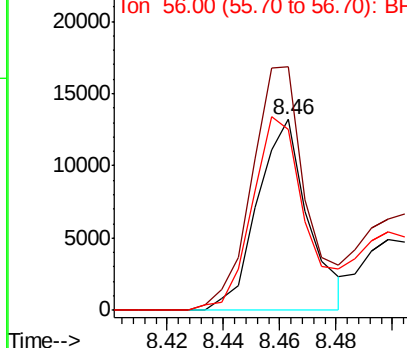
#35
Caprolactam
Concen: 22.062 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 16387
Ion Ratio Lower Upper
113 100
55 127.5 108.8 148.8
56 94.7 87.2 127.2

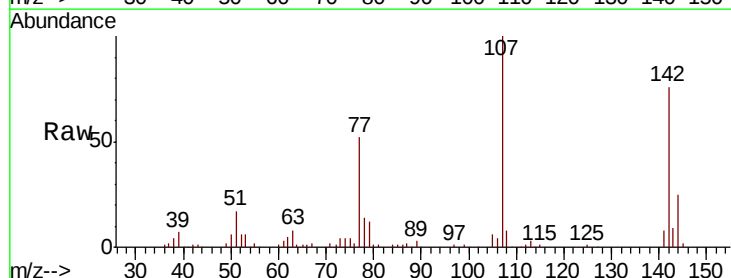


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

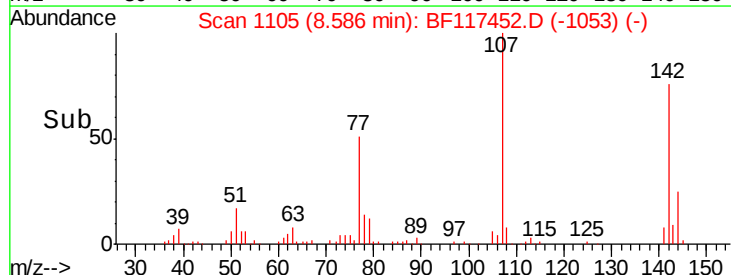
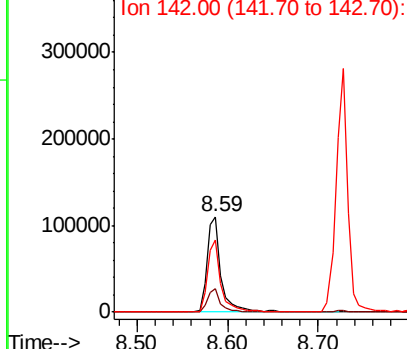


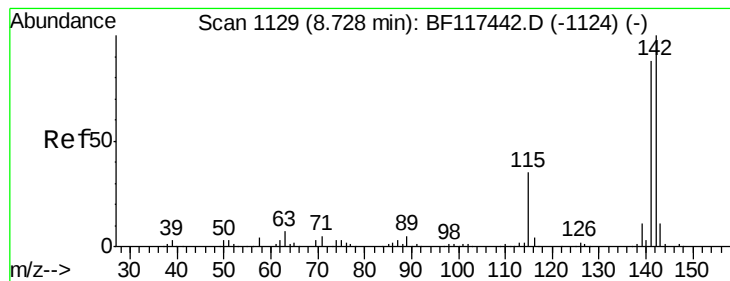
#36
4-Chloro-3-methylphenol
Concen: 45.811 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:107 Resp: 120805
Ion Ratio Lower Upper
107 100
144 24.6 18.9 28.3
142 75.5 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

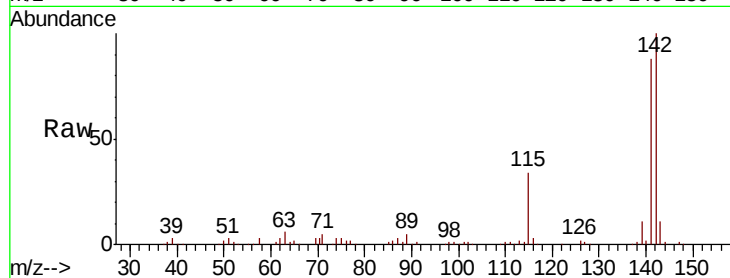




#37
 2-Methylnaphthalene
 Concen: 44.849 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	33.7	28.2	42.2

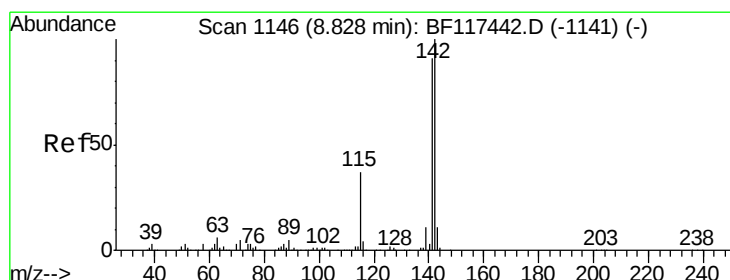
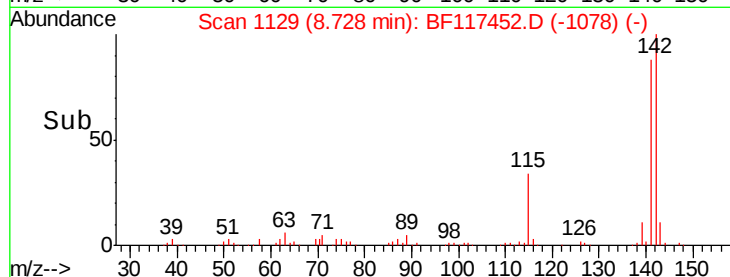
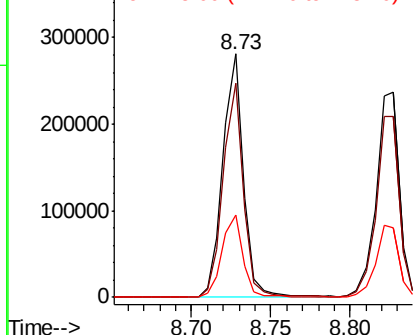


Abundance

Ion 142.00 (141.70 to 142.70): E

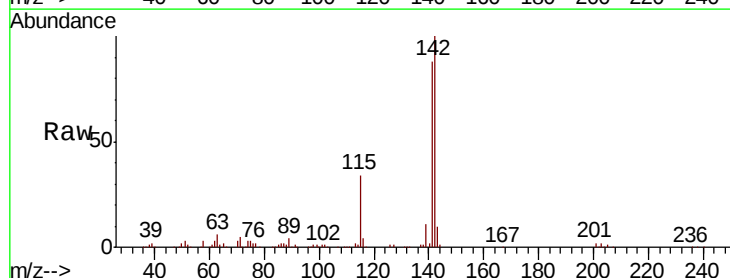
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.895 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.3	109.9
116	3.6	3.1	4.7

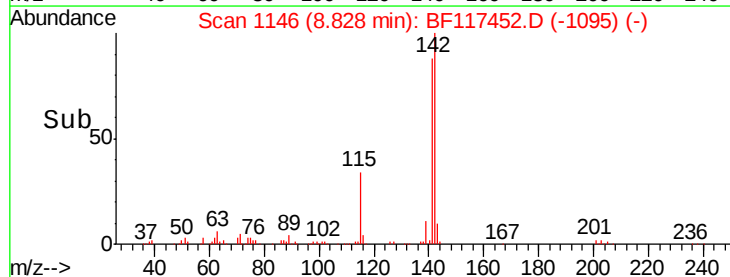
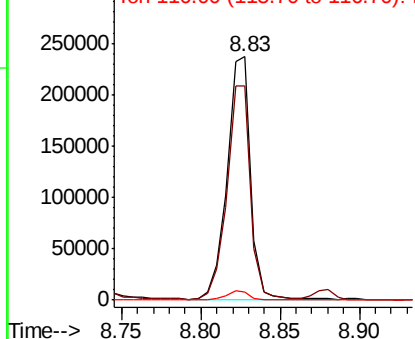


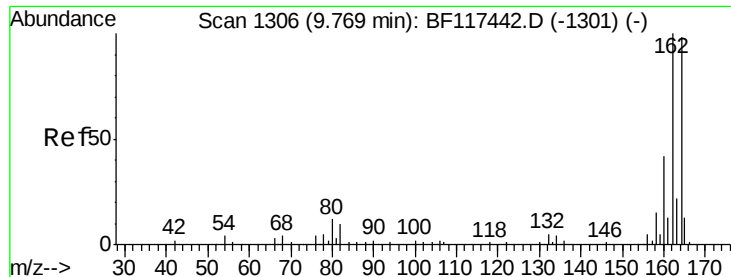
Abundance

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

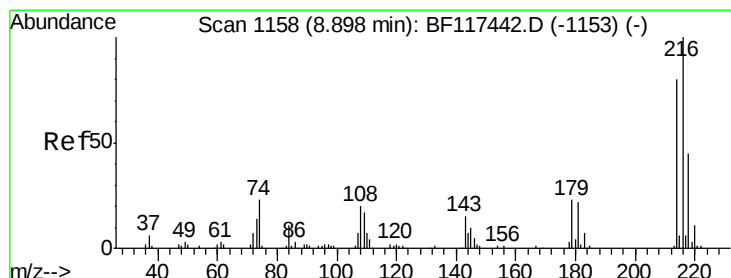
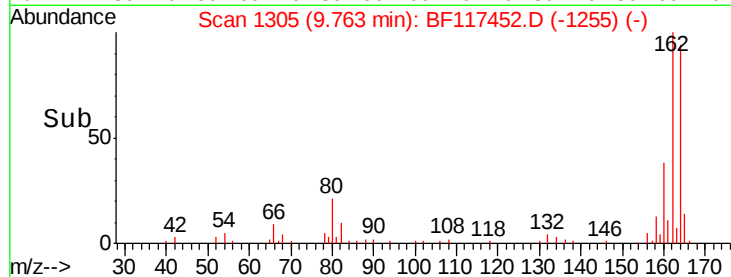
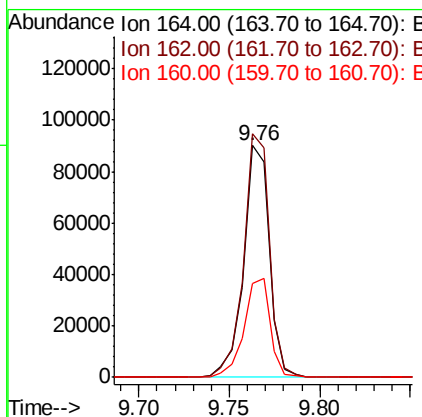
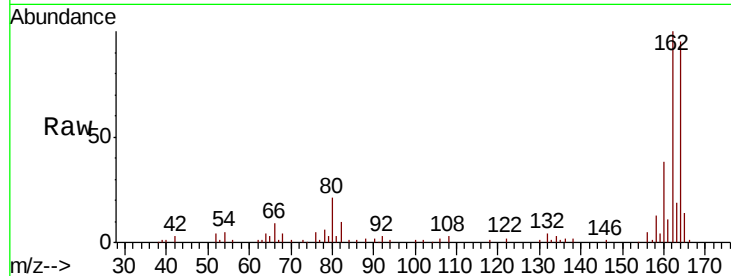




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

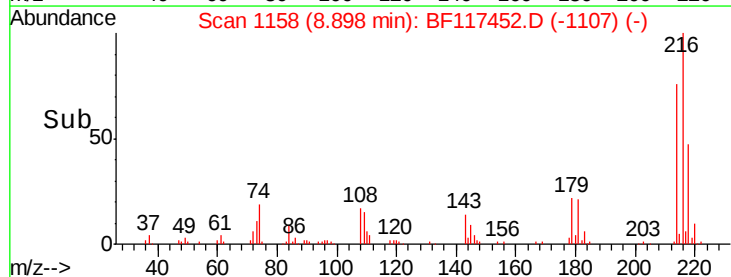
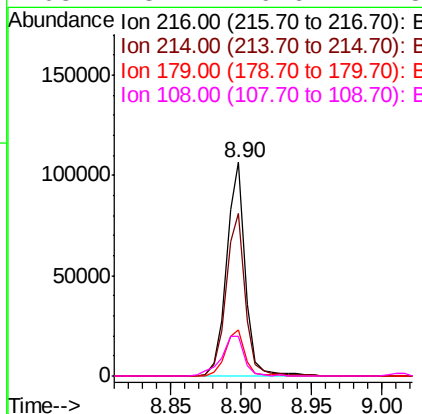
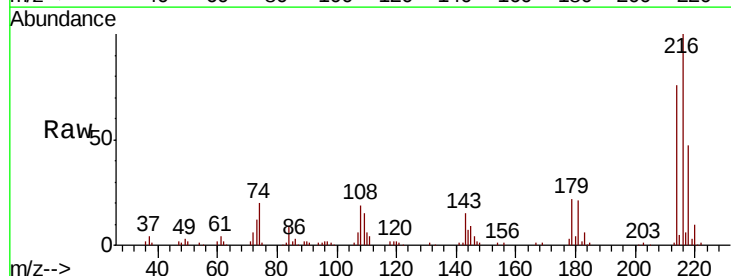
Instrument :
 BNA_F
 ClientSampleId :

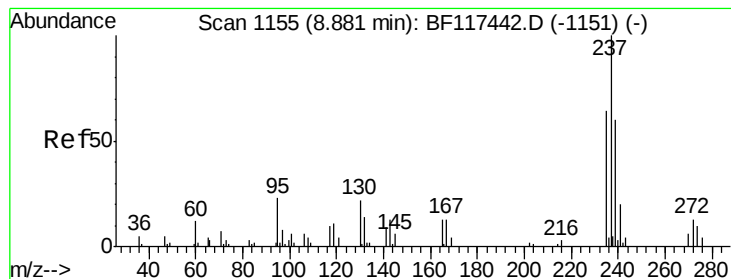
Tot Ion:164 Resp: 88660
 Ion Ratio Lower Upper
 164 100
 162 105.0 81.8 122.6
 160 40.3 34.4 51.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.936 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:216 Resp: 97754
 Ion Ratio Lower Upper
 216 100
 214 78.7 62.4 93.6
 179 22.4 18.1 27.1
 108 23.1 16.6 24.8





#41

Hexachlorocyclopentadiene

Concen: 85.543 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampled :

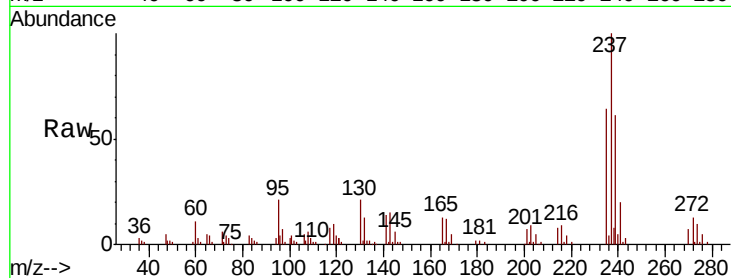
Tot Ion:237 Resp: 57403

Ion Ratio Lower Upper

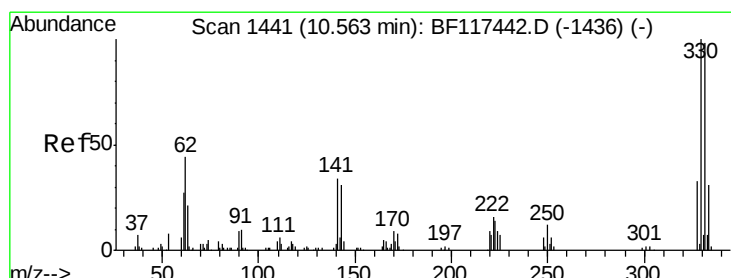
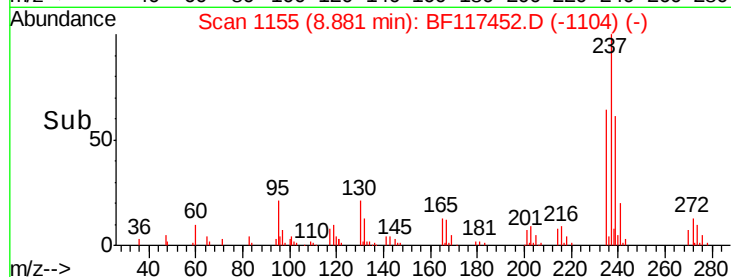
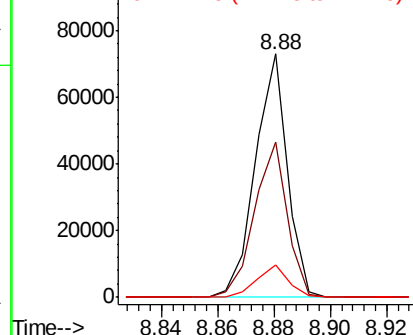
237 100

235 63.6 44.3 84.3

272 13.2 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: 116.008 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

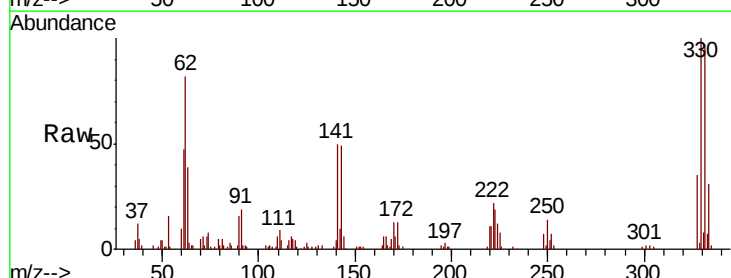
Tgt Ion:330 Resp: 88994

Ion Ratio Lower Upper

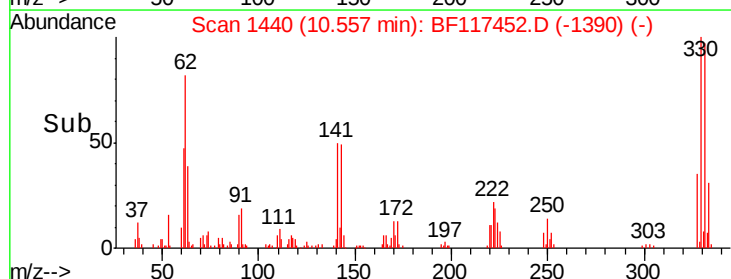
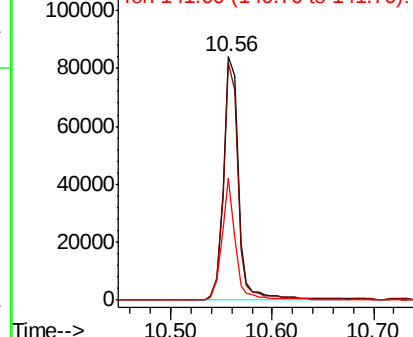
330 100

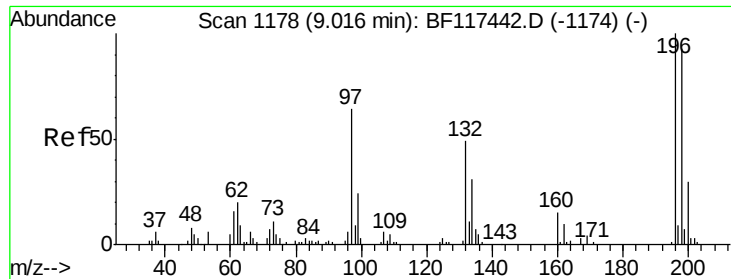
332 94.9 78.5 117.7

141 43.7 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

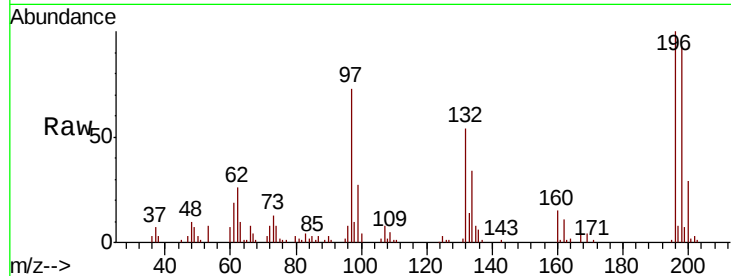




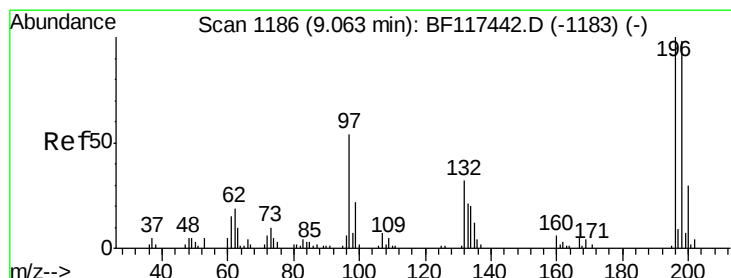
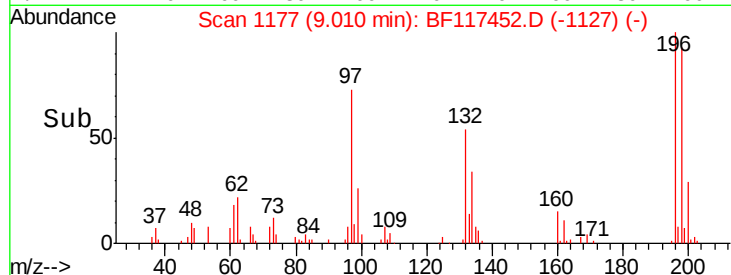
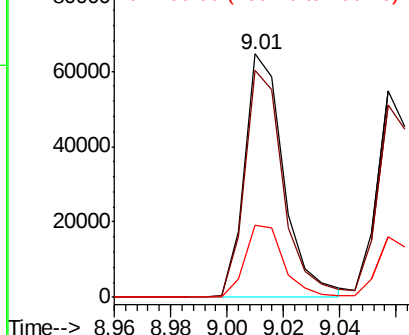
#43
 2,4,6-Trichlorophenol
 Concen: 41.730 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 62404
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.1 111.1
 200 29.4 23.9 35.9



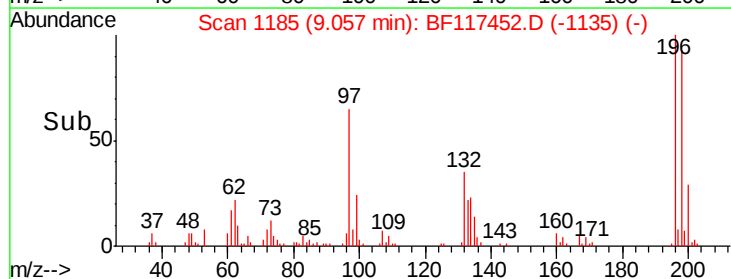
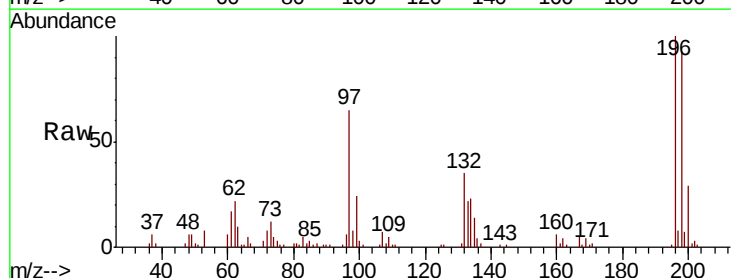
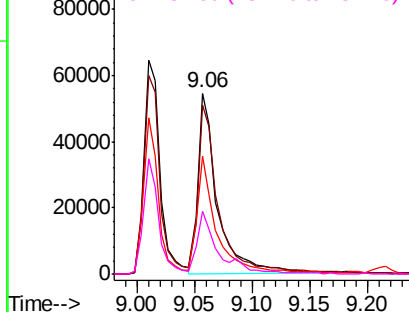
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

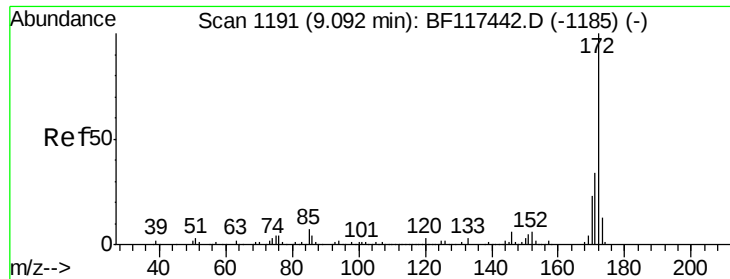


#44
 2,4,5-Trichlorophenol
 Concen: 42.876 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:196 Resp: 64971
 Ion Ratio Lower Upper
 196 100
 198 93.4 78.6 117.8
 97 64.9 43.4 65.2
 132 34.7 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

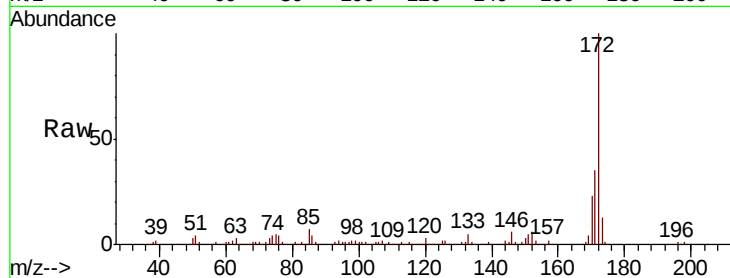




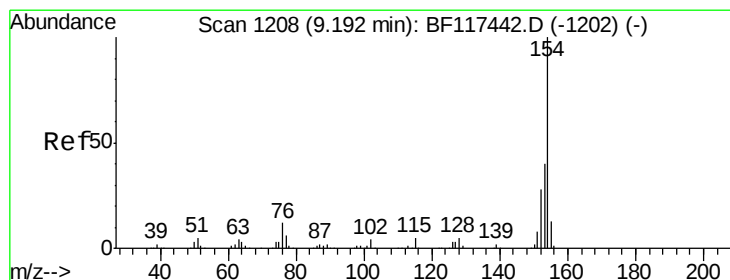
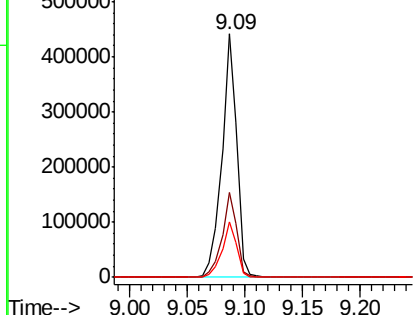
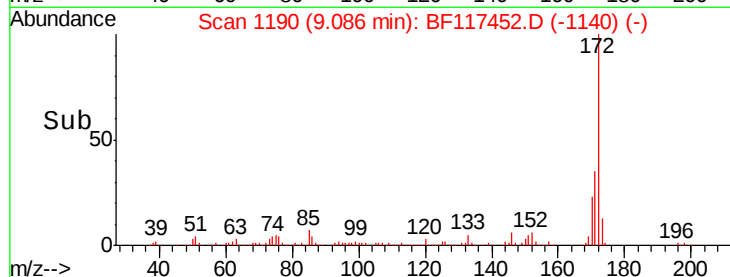
#45
2-Fluorobiphenyl
Concen: 63.143 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	22.8	18.6	27.8

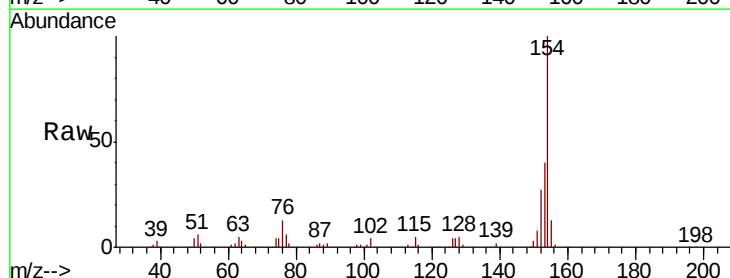


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

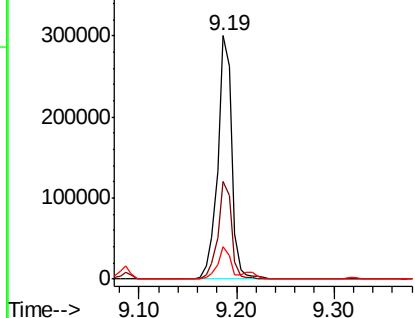
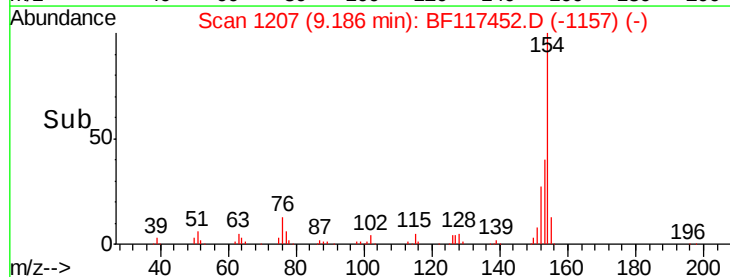


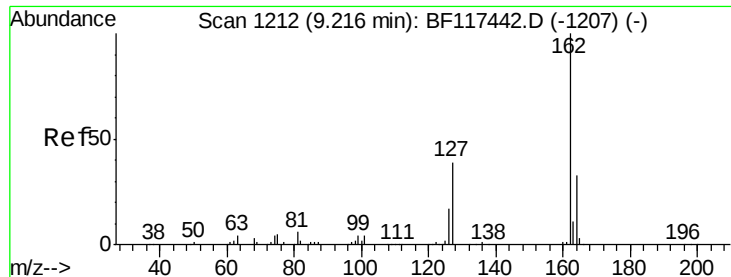
#46
1,1'-Biphenyl
Concen: 40.896 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.2	60.2
76	13.1	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

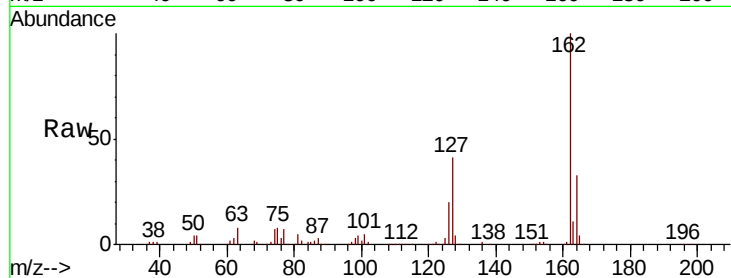




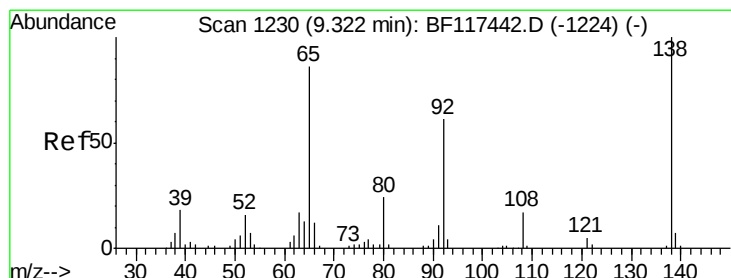
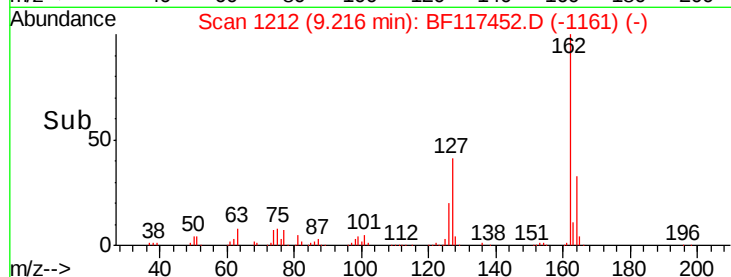
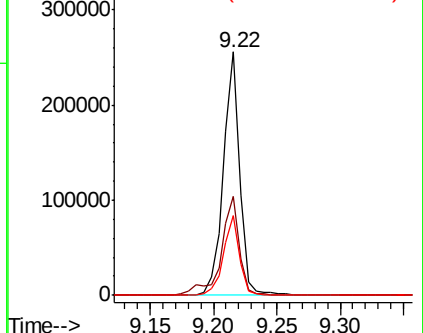
#47
 2-Chloronaphthalene
 Concen: 41.678 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	34.2	51.4
164	32.6	26.4	39.6

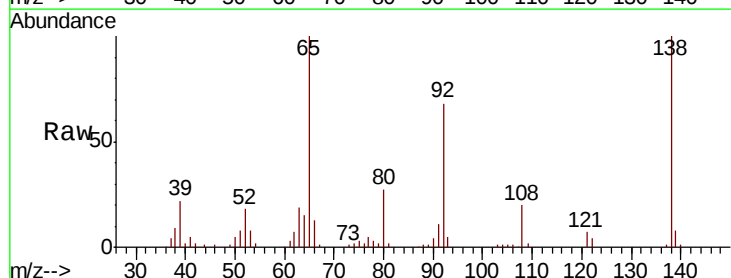


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

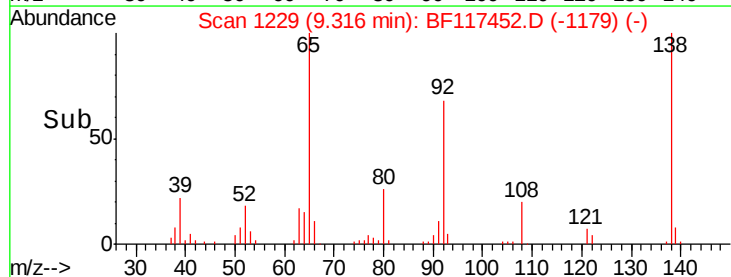
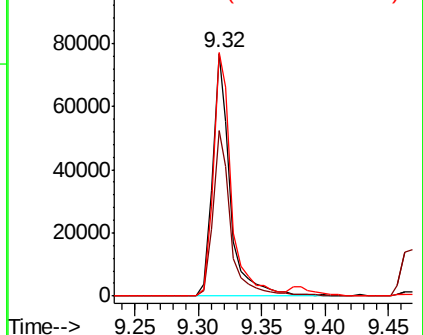


#48
 2-Nitroaniline
 Concen: 41.322 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	57.3	85.9
138	100.4	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: 44.896 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampled :

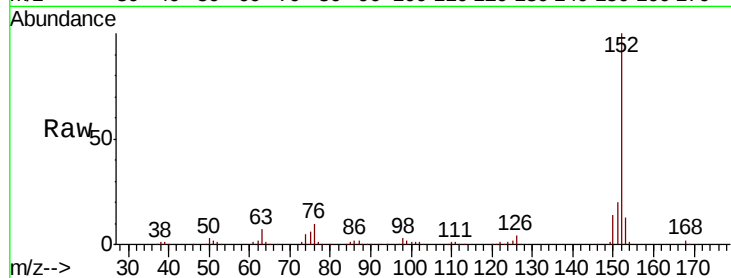
Tot Ion:152 Resp: 364950

Ion Ratio Lower Upper

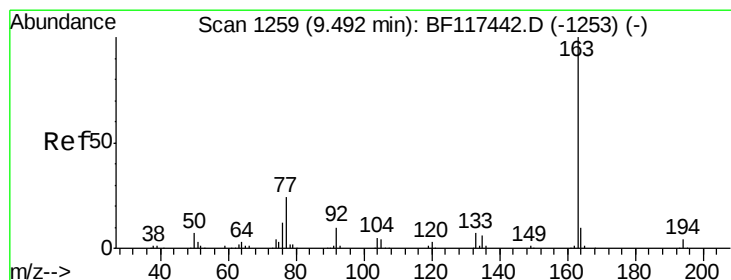
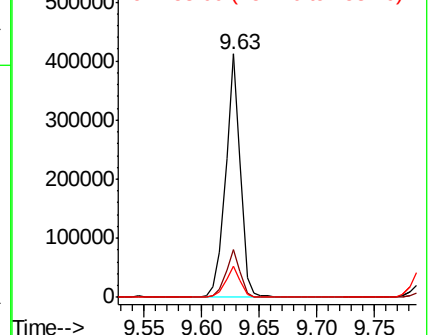
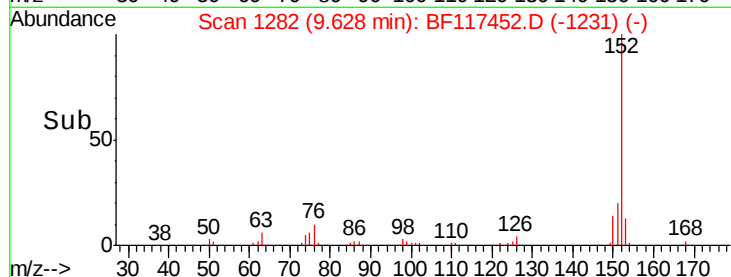
152 100

151 19.9 15.4 23.0

153 13.0 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: 41.639 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

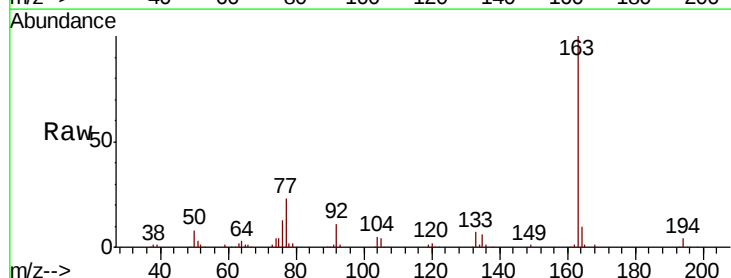
Tgt Ion:163 Resp: 263180

Ion Ratio Lower Upper

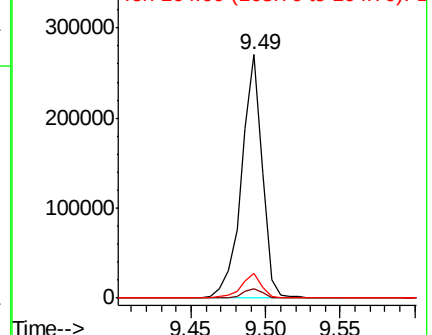
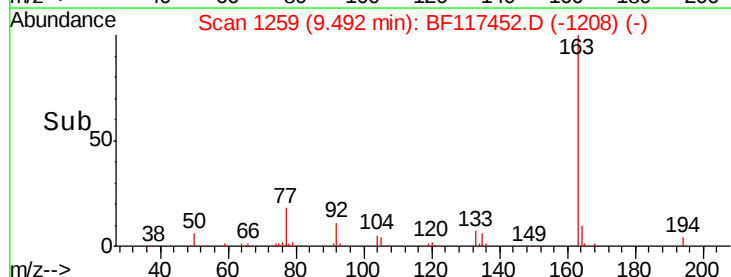
163 100

194 3.8 2.9 4.3

164 10.3 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

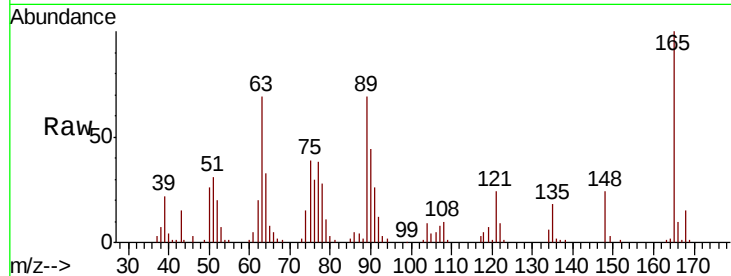




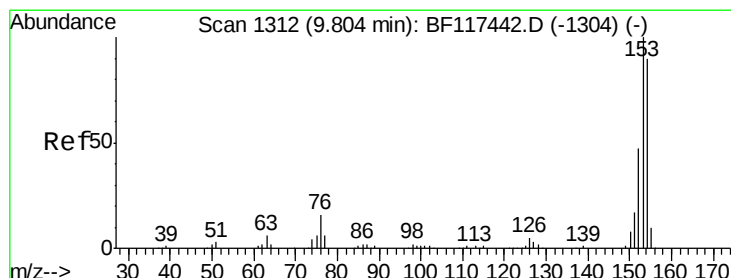
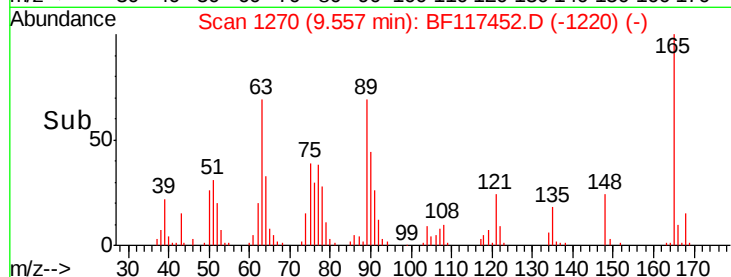
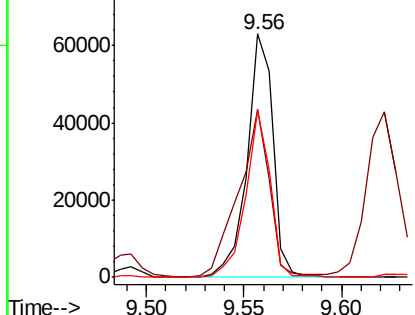
#51
 2,6-Dinitrotoluene
 Concen: 43.859 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 57847
 Ion Ratio Lower Upper
 165 100
 63 69.1 43.8 65.8#
 89 68.6 47.6 71.4

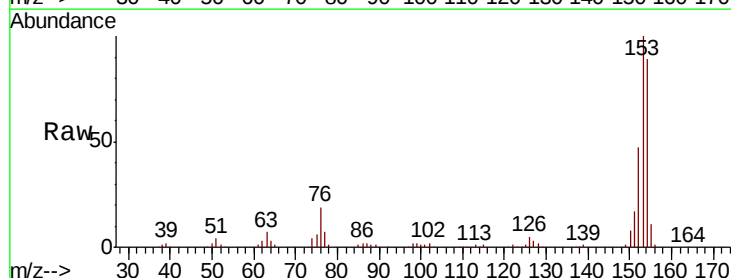


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

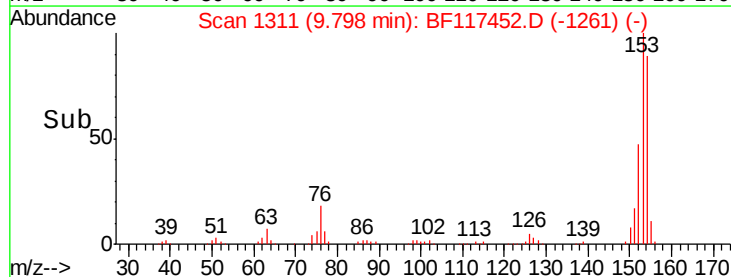
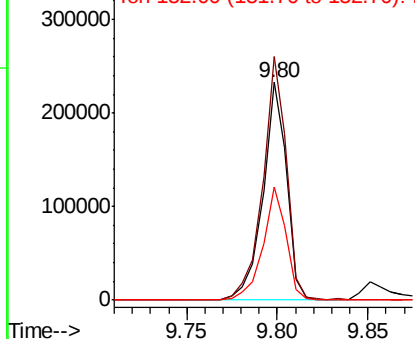


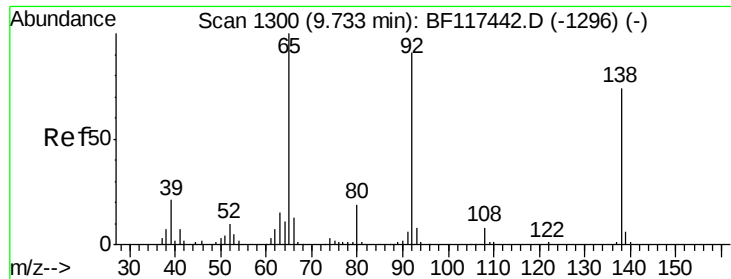
#52
 Acenaphthene
 Concen: 42.445 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:154 Resp: 211682
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.2 133.8
 152 52.1 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

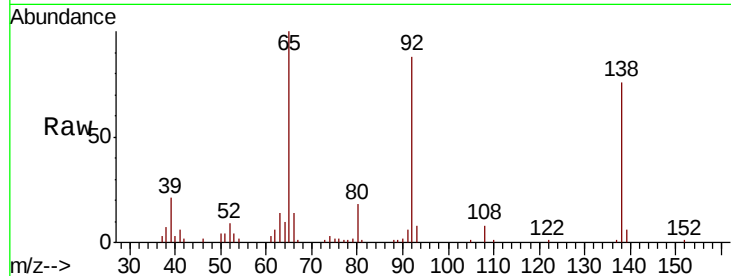




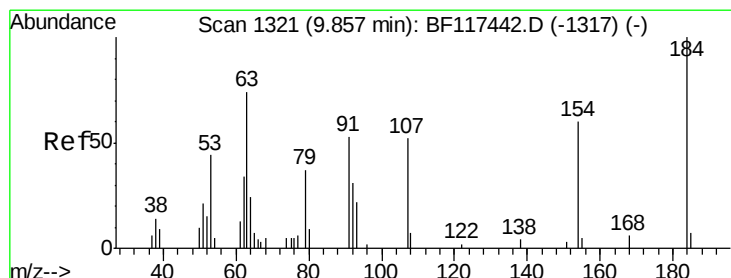
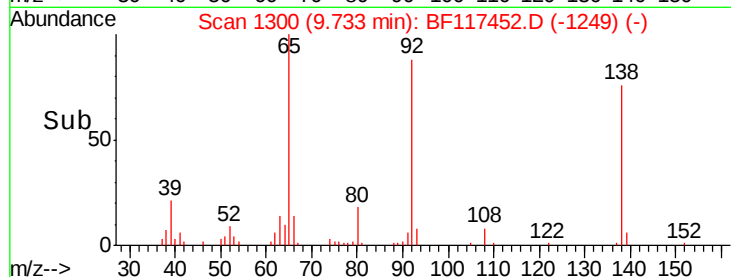
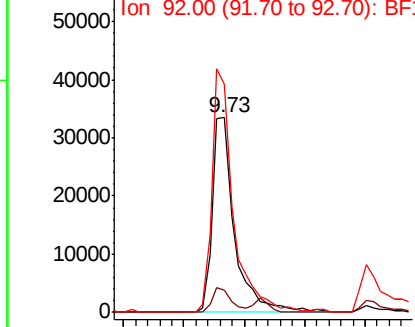
#53
3-Nitroaniline
Concen: 26.409 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 42262
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 117.1 98.4 147.6

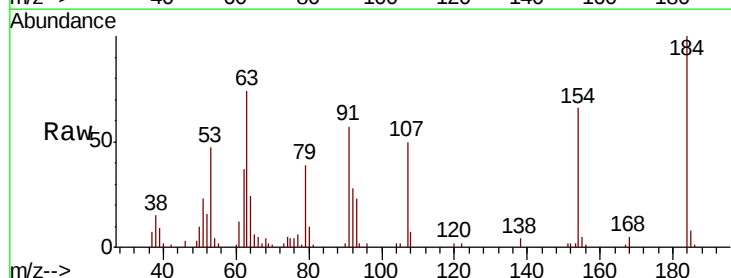


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

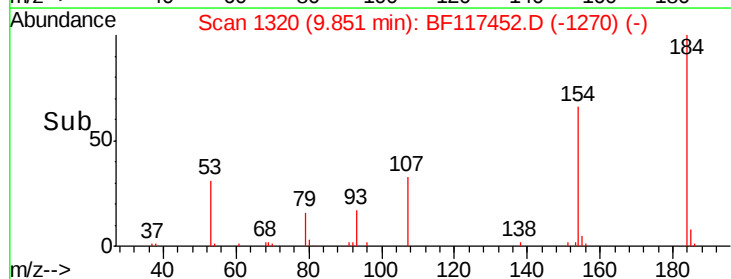
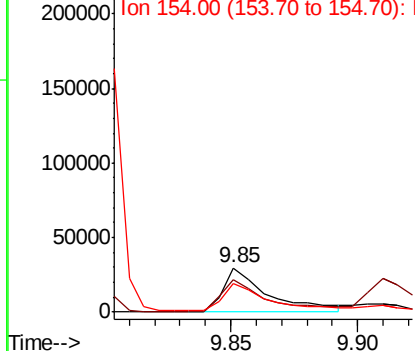


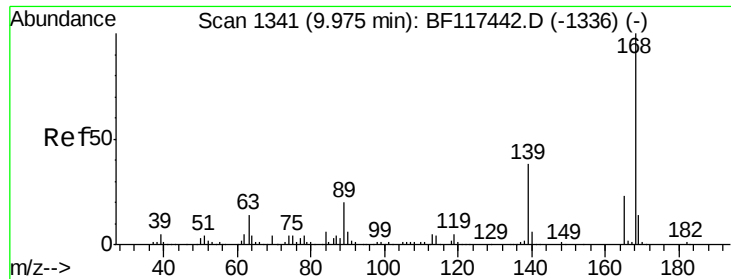
#54
2,4-Dinitrophenol
Concen: 67.860 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:184 Resp: 36632
Ion Ratio Lower Upper
184 100
63 74.4 59.2 88.8
154 65.6 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

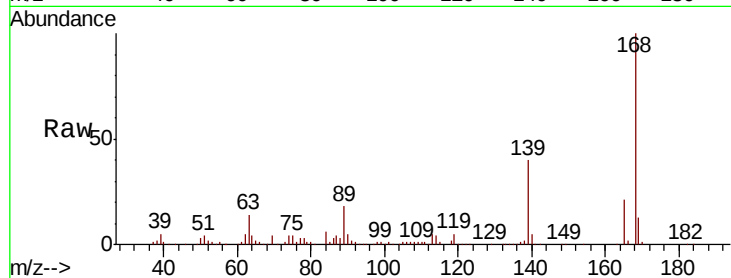




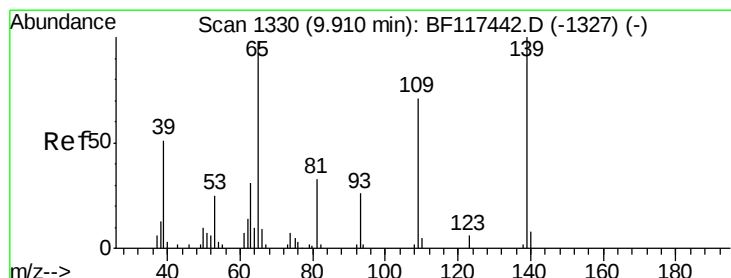
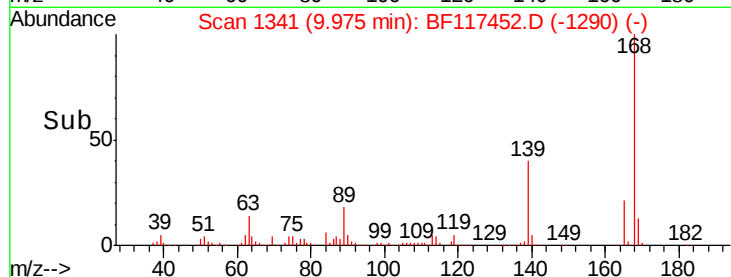
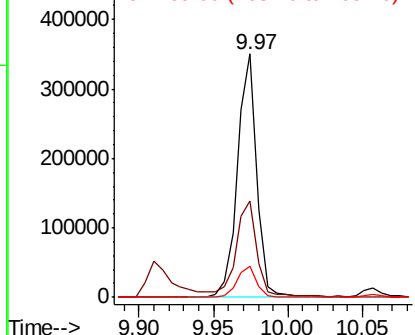
#55
Dibenzofuran
Concen: 44.120 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.8	47.6
169	12.6	11.2	16.8

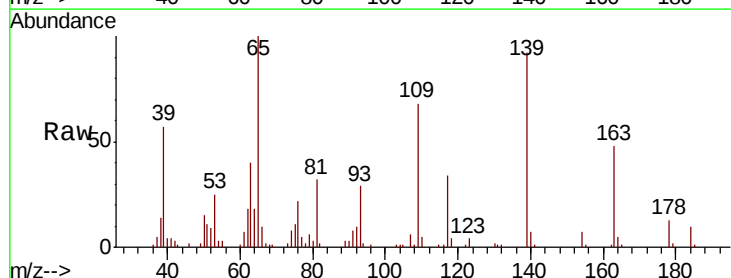


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

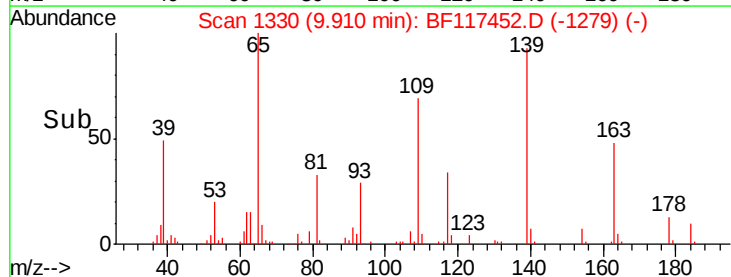
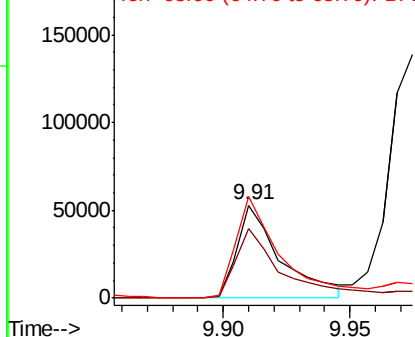


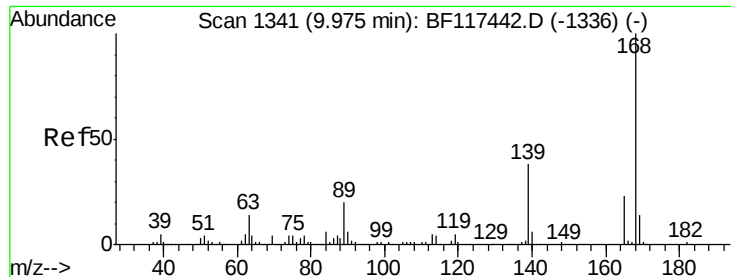
#56
4-Nitrophenol
Concen: 85.901 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	51.4	91.4
65	109.0	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

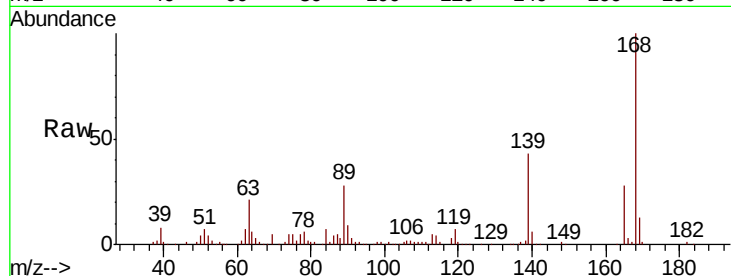




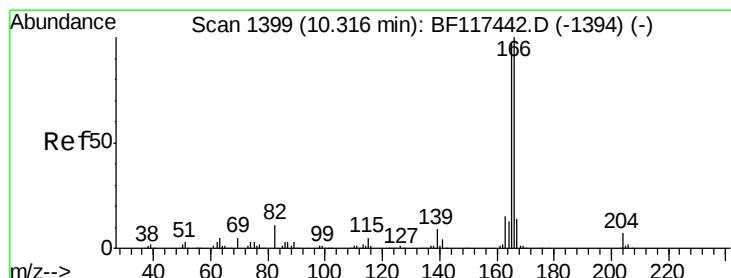
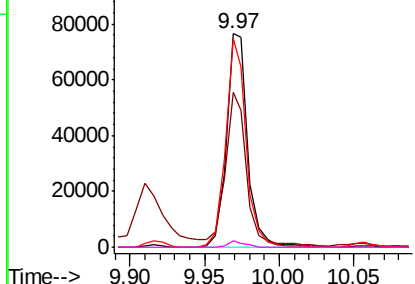
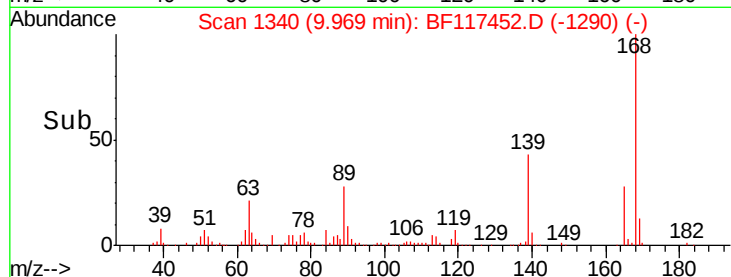
#57
2,4-Dinitrotoluene
Concen: 43.999 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 77154
Ion Ratio Lower Upper
165 100
63 72.4 51.4 77.0
89 98.0 69.9 104.9
182 2.9 1.9 2.9

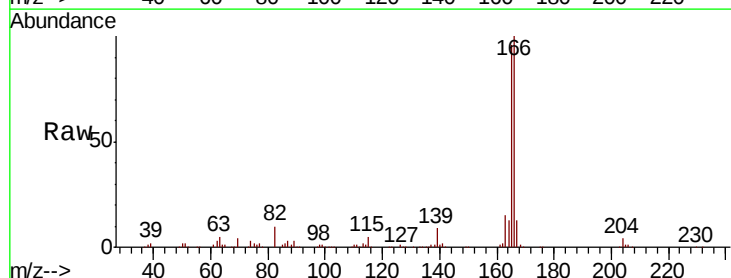


Abundance Ion 165.00 (164.70 to 165.70): E
120000
Ion 63.00 (62.70 to 63.70): BF1
100000
Ion 89.00 (88.70 to 89.70): BF1
80000
Ion 182.00 (181.70 to 182.70): E
60000
40000
20000
0

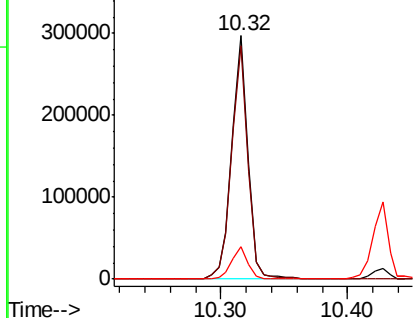
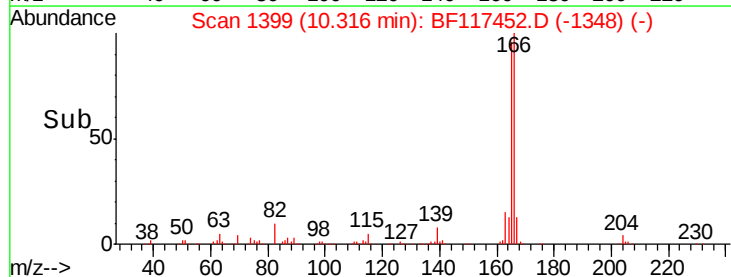


#58
Fluorene
Concen: 43.919 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:166 Resp: 262423
Ion Ratio Lower Upper
166 100
165 95.8 77.6 116.4
167 13.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
400000
Ion 165.00 (164.70 to 165.70): E
300000
Ion 167.00 (166.70 to 167.70): E
200000
100000
0

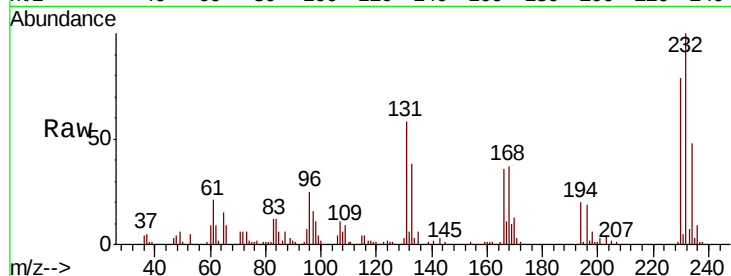




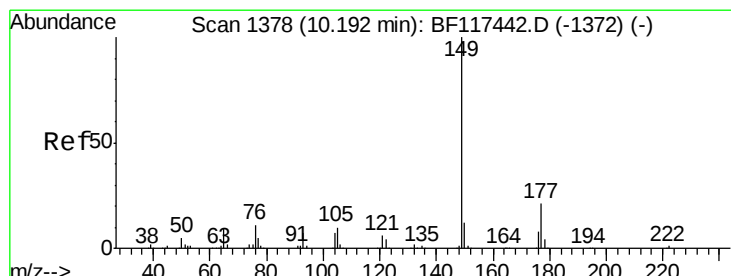
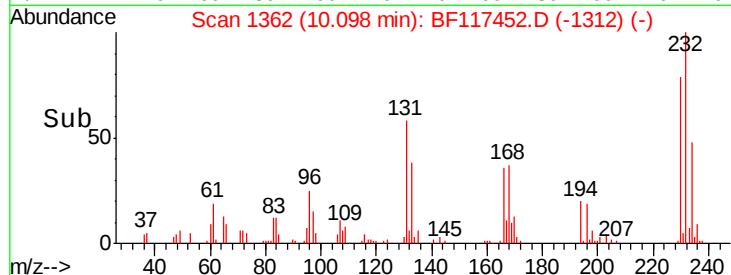
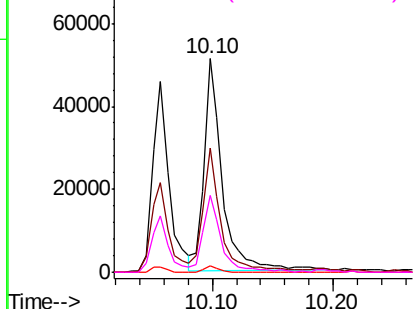
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.692 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 53228
Ion Ratio Lower Upper
232 100
131 53.5 42.6 63.8
130 2.3 2.2 3.4
166 36.7 27.5 41.3

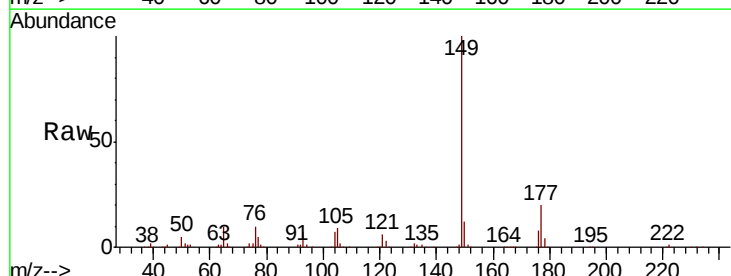


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

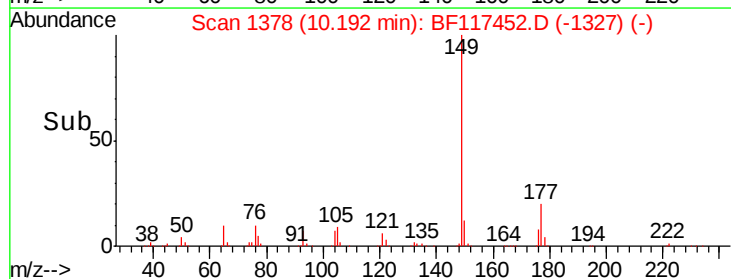
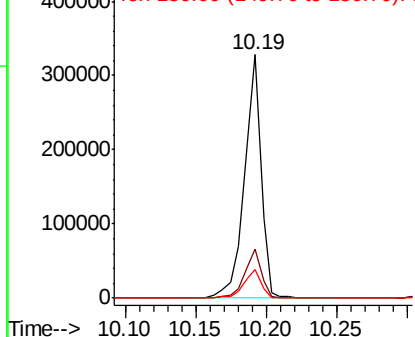


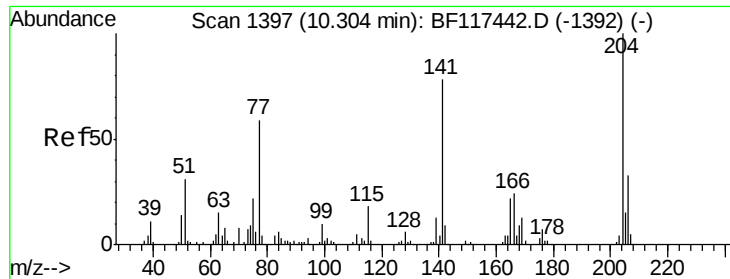
#60
Diethylphthalate
Concen: 42.378 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:149 Resp: 270923
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.4
150 11.8 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

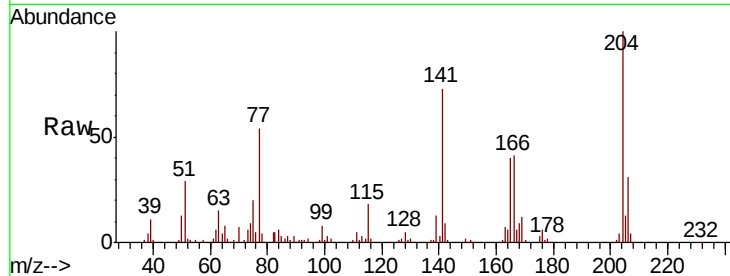




#61
4-Chlorophenyl-phenylether
Concen: 42.945 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.3	39.5
141	73.0	62.2	93.4

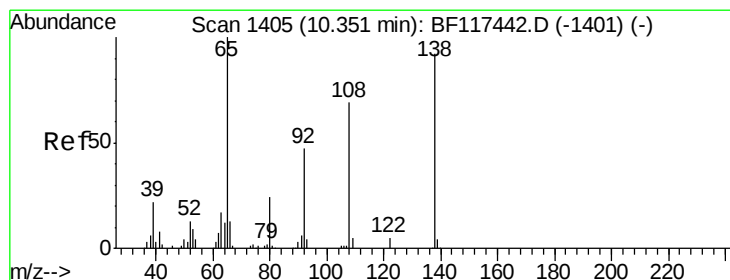
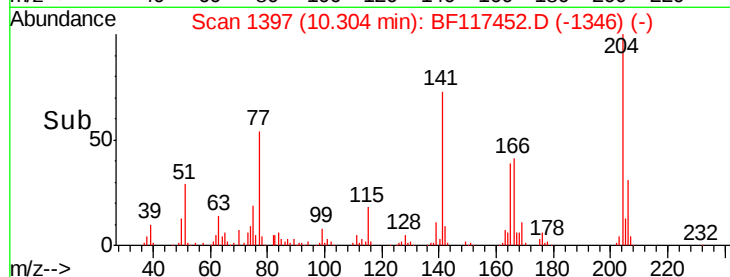
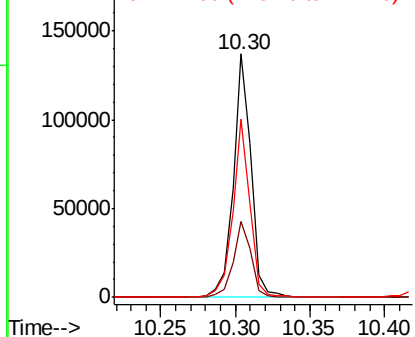


Abundance

Ion 204.00 (203.70 to 204.70): E

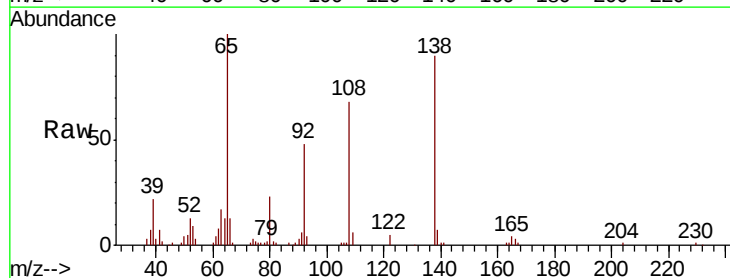
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.186 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	30.3	70.3
108	74.6	54.9	94.9

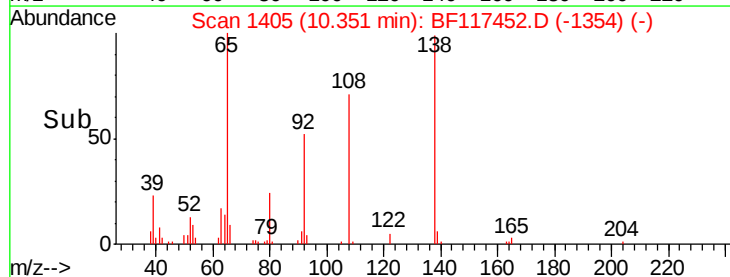
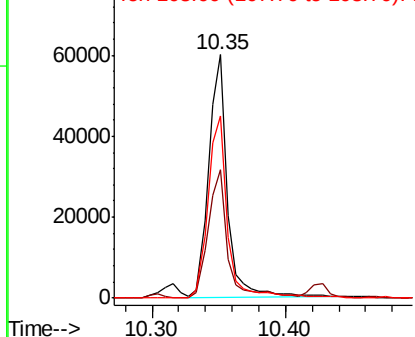


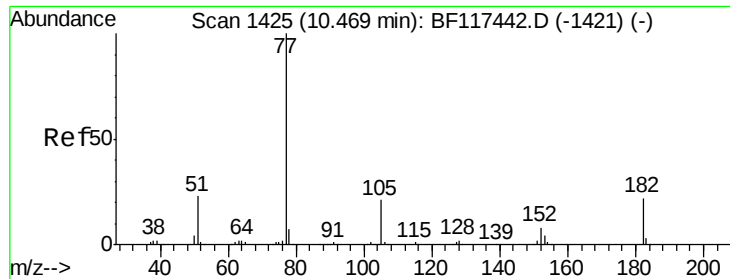
Abundance

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

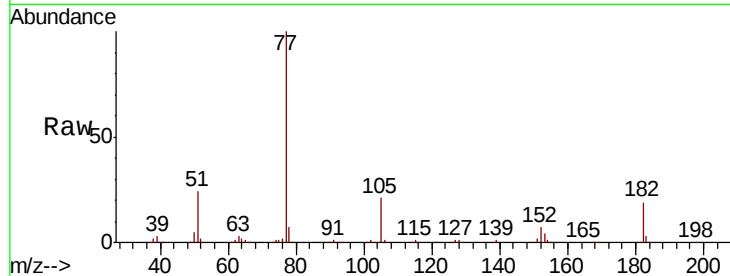




#63
Azobenzene
Concen: 44.100 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.3	2.3	42.3	
105	20.5	1.3	41.3	
51	24.0	3.5	43.5	

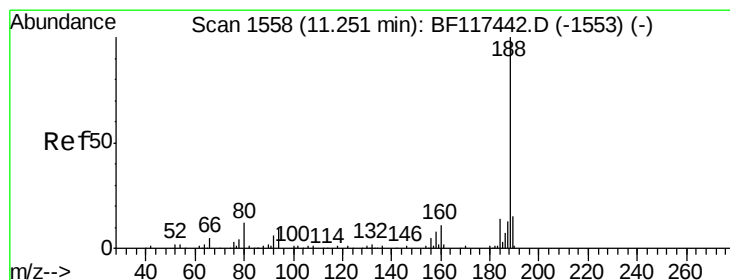
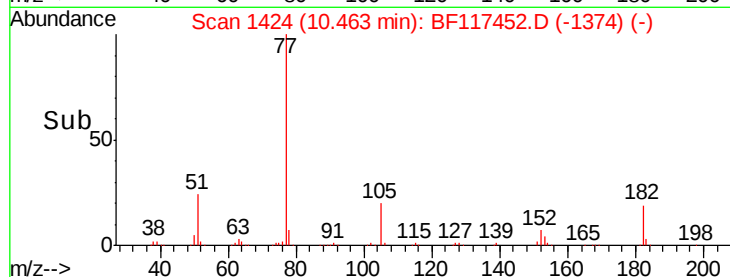
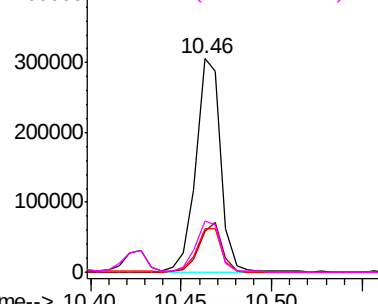


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

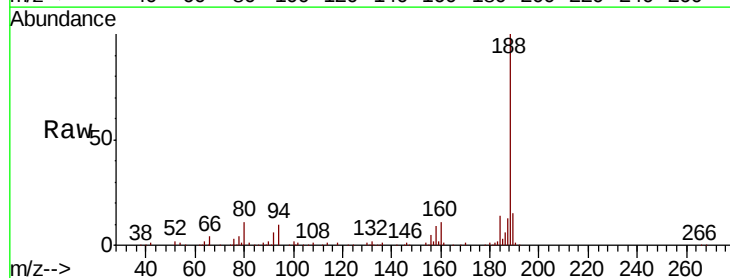
Ion 105.00 (104.70 to 105.70): BF1

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: BF117452.D
Acq: 21 Oct 2019 17:29

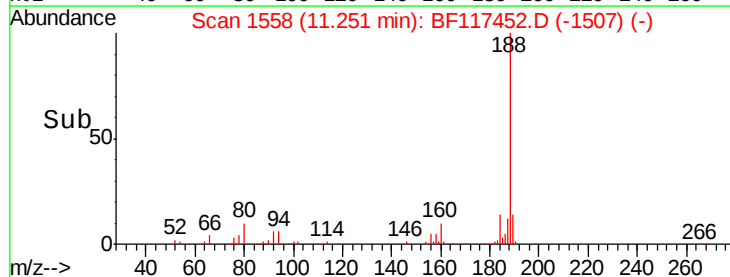
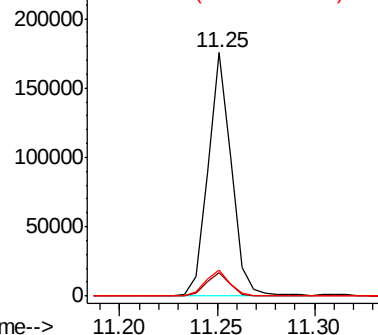
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	8.0	12.0	
80	10.8	9.5	14.3	

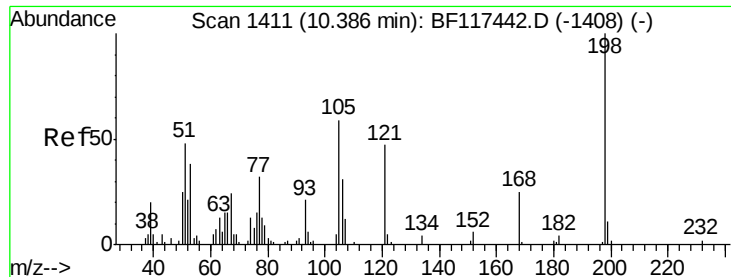


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

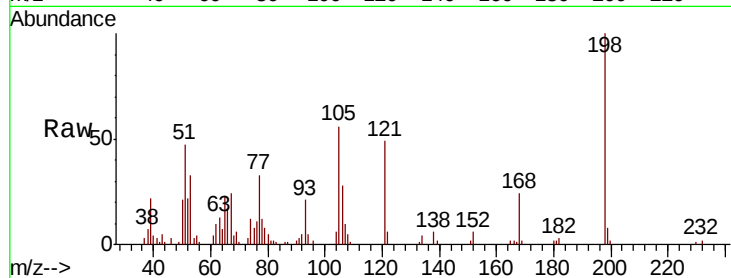




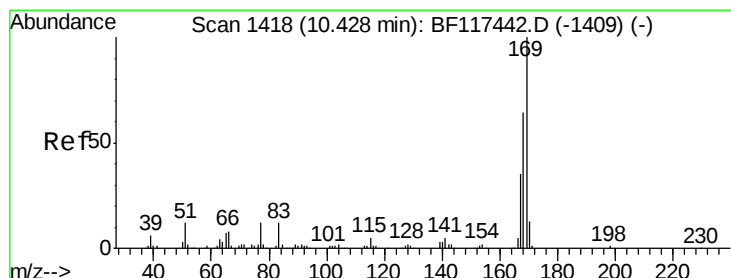
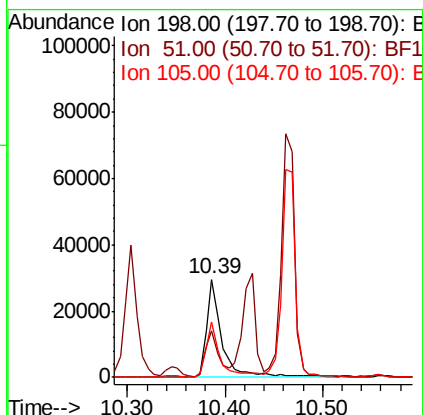
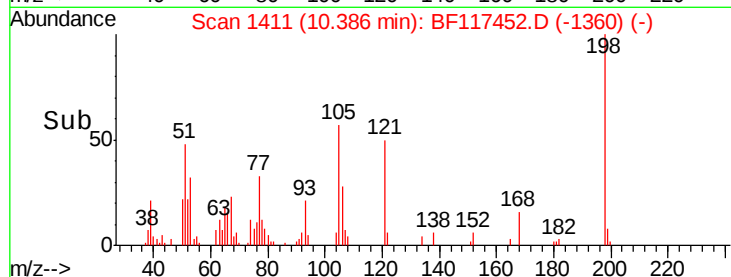
#65
4,6-Dinitro-2-methylphenol
Concen: 43.675 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 32356
Ion Ratio Lower Upper
198 100
51 47.3 29.1 69.1
105 56.1 39.4 79.4

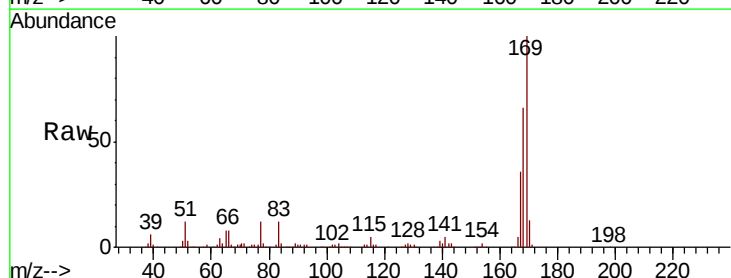


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

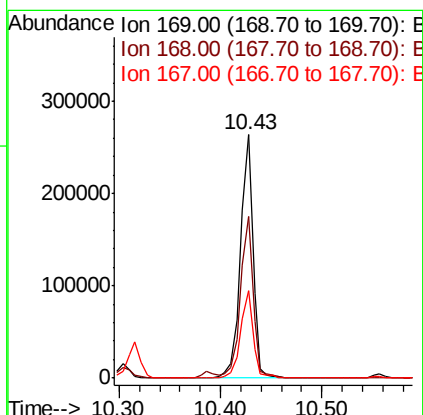
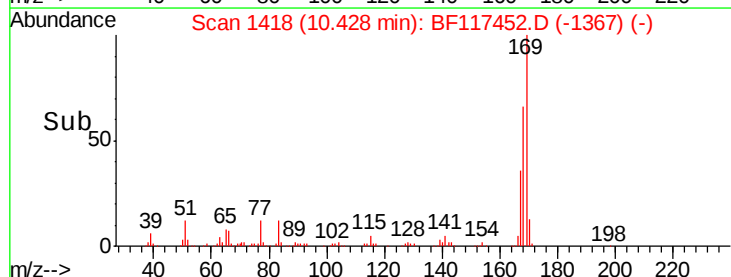


#66
n-Nitrosodiphenylamine
Concen: 42.918 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:169 Resp: 228619
Ion Ratio Lower Upper
169 100
168 66.4 51.3 76.9
167 35.8 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

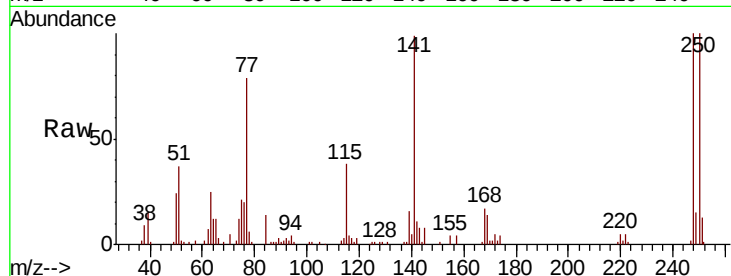




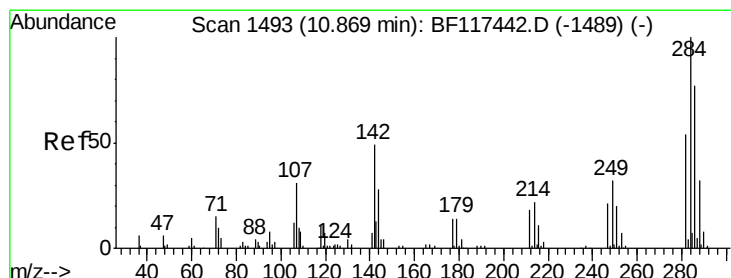
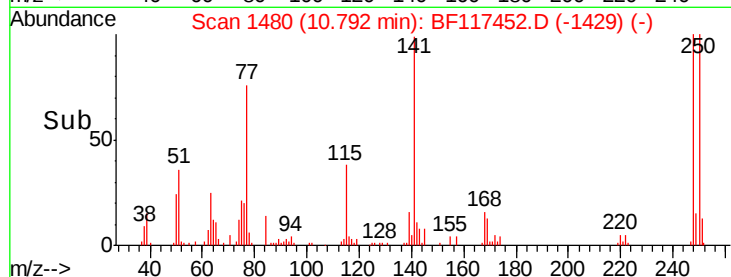
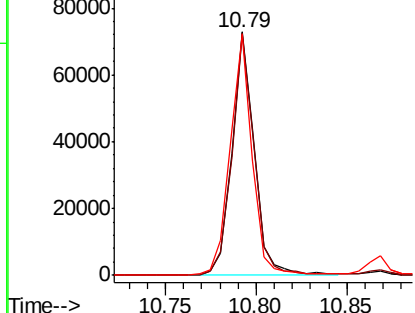
#67
 4-Bromophenyl-phenylether
 Concen: 40.045 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 62850
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.0 117.0
 141 99.1 81.7 122.5

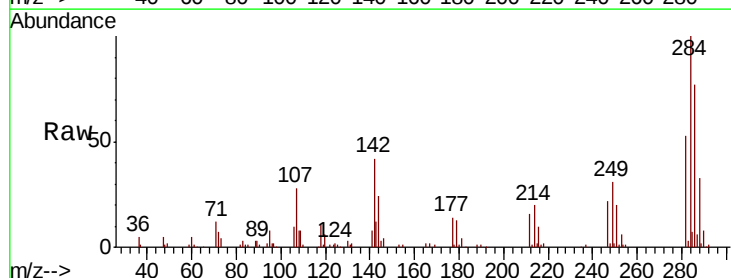


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

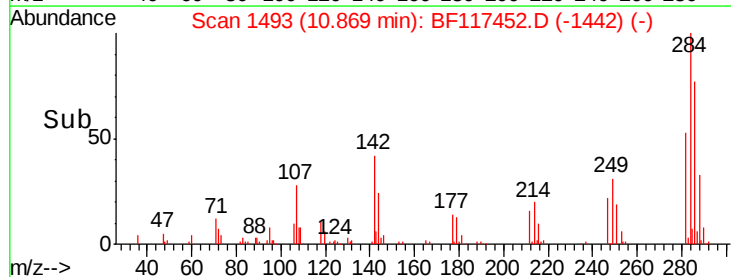
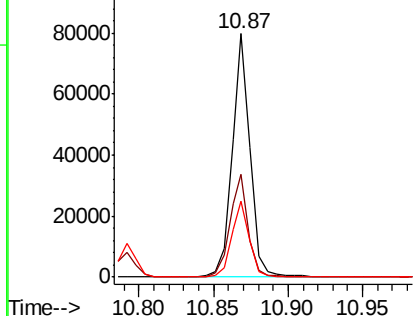


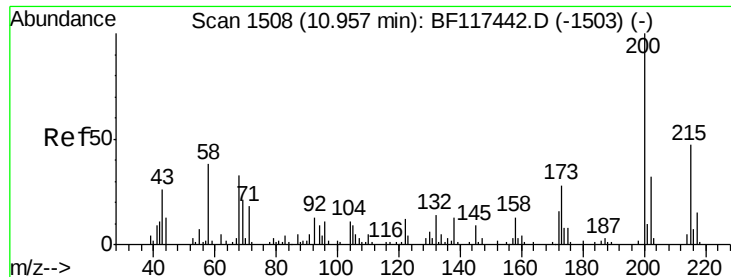
#68
 Hexachlorobenzene
 Concen: 39.918 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:284 Resp: 67095
 Ion Ratio Lower Upper
 284 100
 142 42.4 39.0 58.6
 249 31.1 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

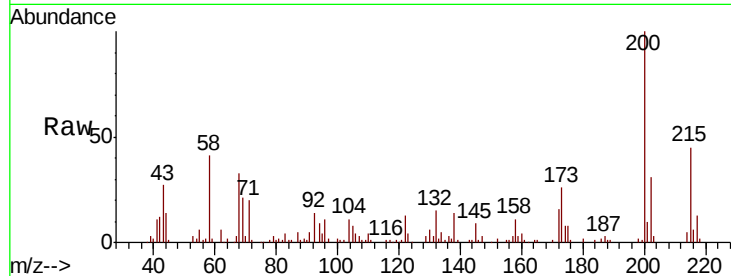




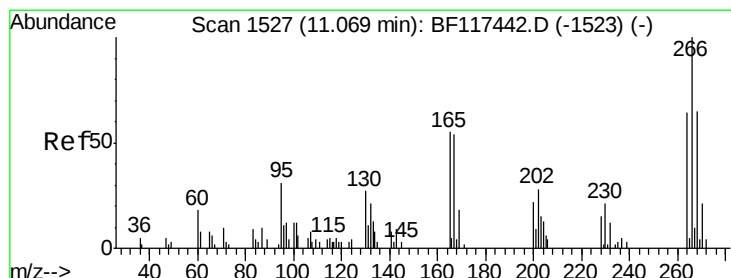
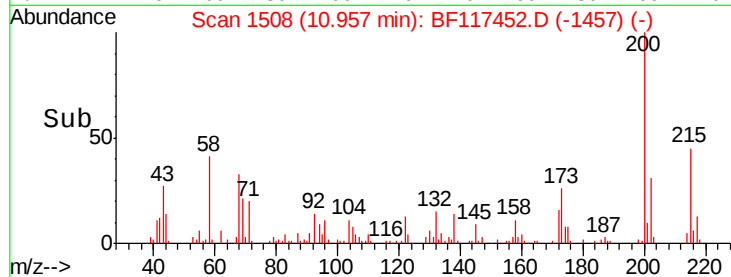
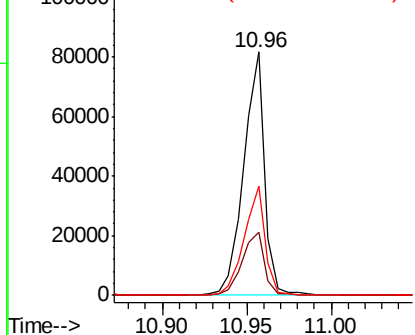
#69
 Atrazine
 Concen: 52.097 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 70606
 Ion Ratio Lower Upper
 200 100
 173 25.9 8.2 48.2
 215 45.1 26.8 66.8

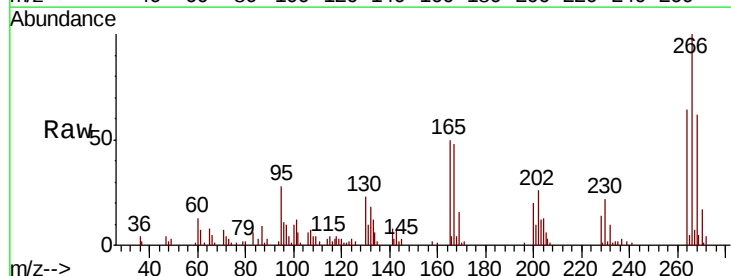


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

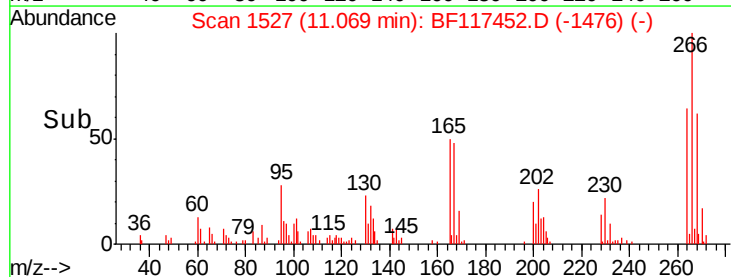
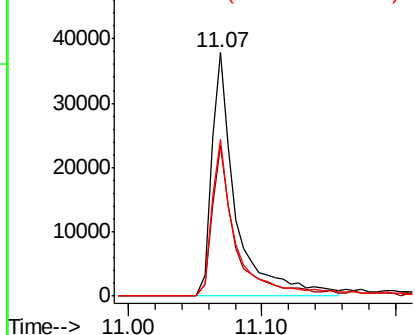


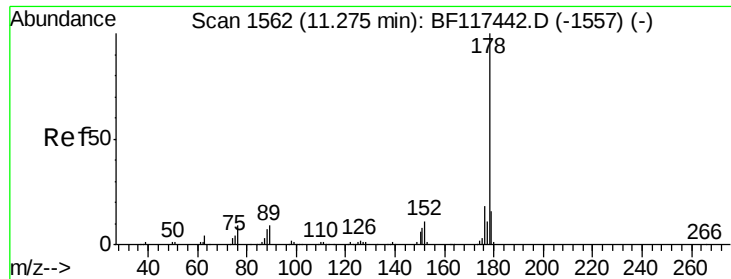
#70
 Pentachlorophenol
 Concen: 95.570 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:266 Resp: 48156
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.6 77.4
 264 64.2 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: 43.236 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

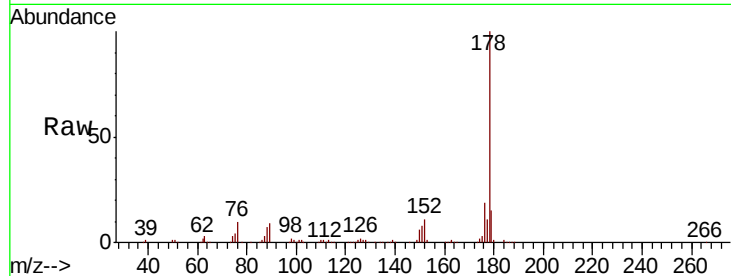
Tot Ion:178 Resp: 365815

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

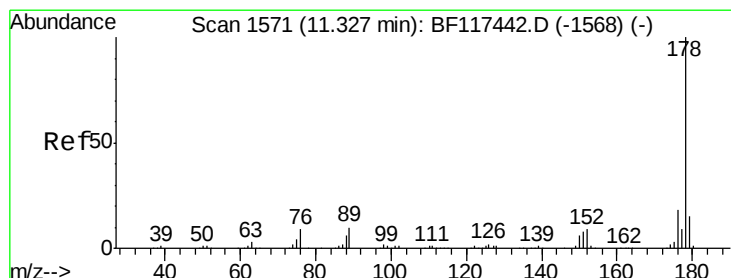
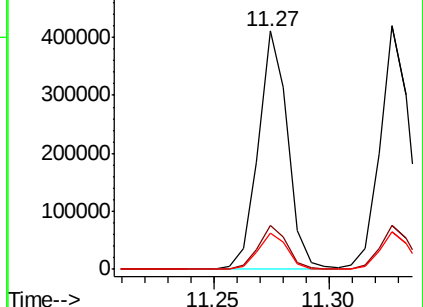
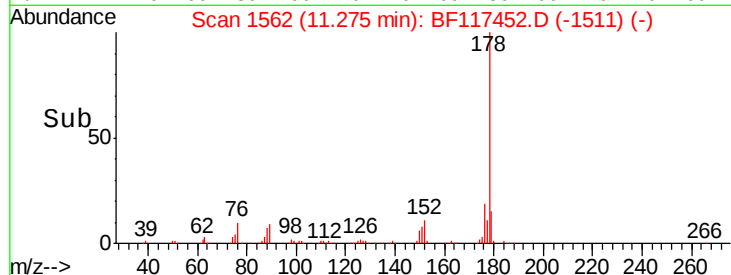
179 15.2 12.6 19.0



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: 44.306 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

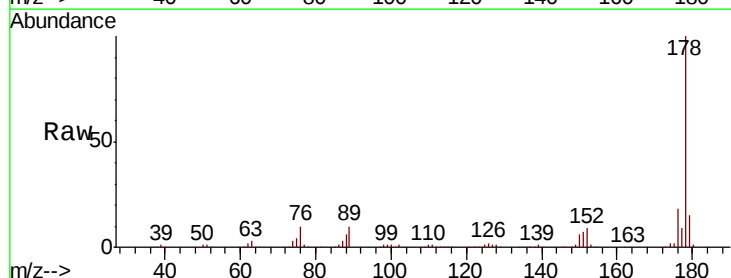
Tgt Ion:178 Resp: 384639

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

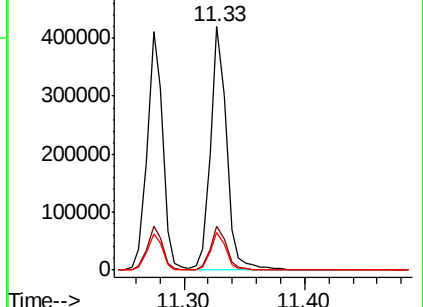
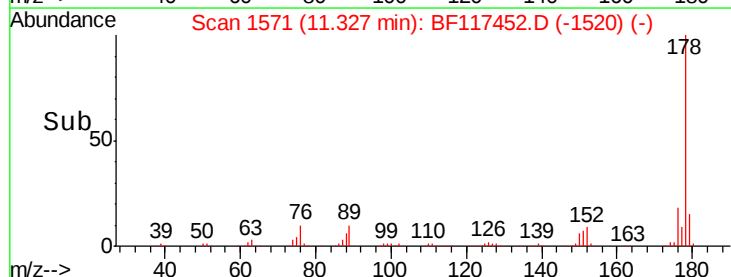
179 15.3 12.2 18.2

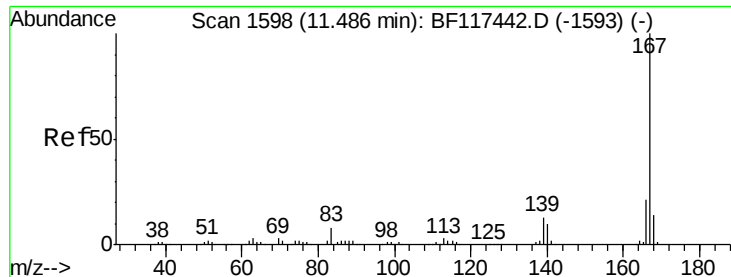


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

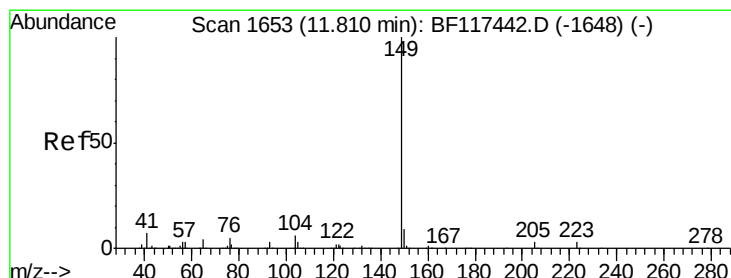
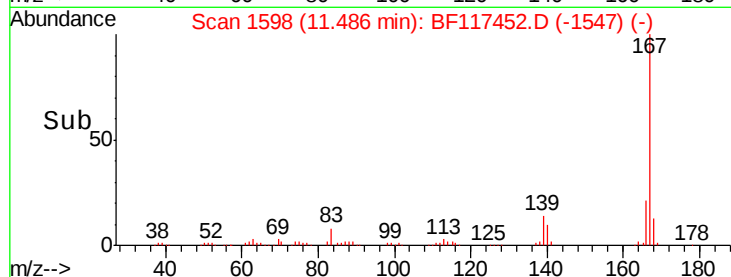
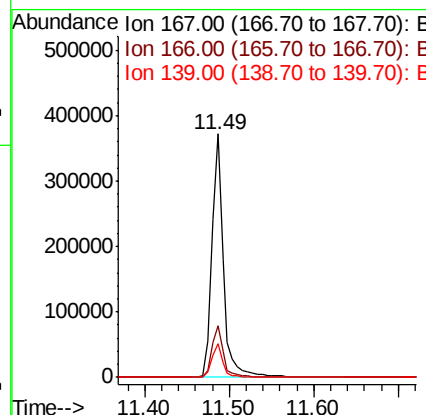
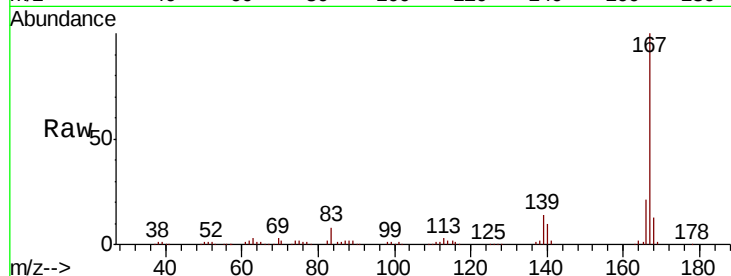




#73
 Carbazole
 Concen: 44.533 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

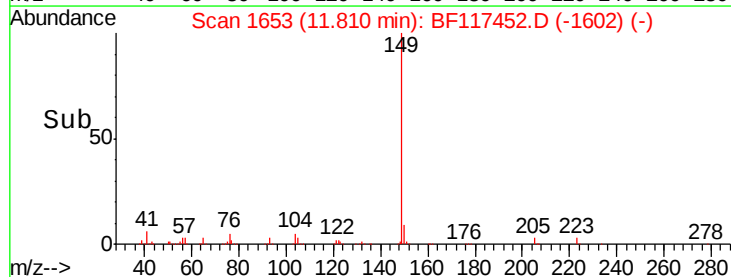
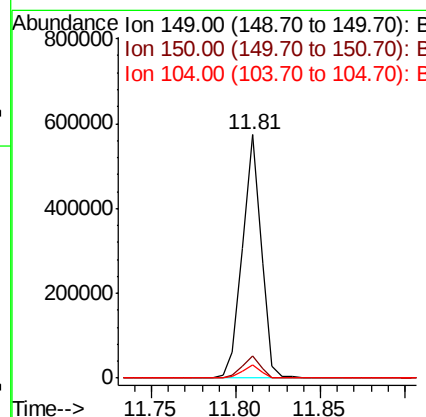
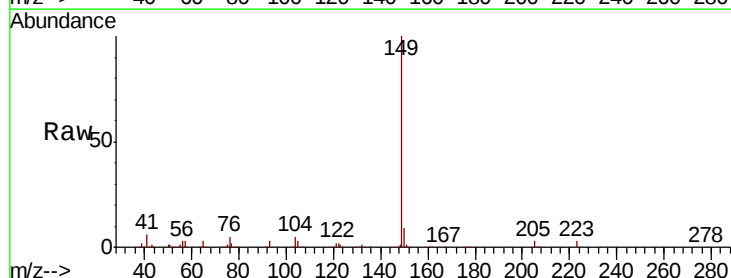
Instrument :
 BNA_F
 ClientSampleId :

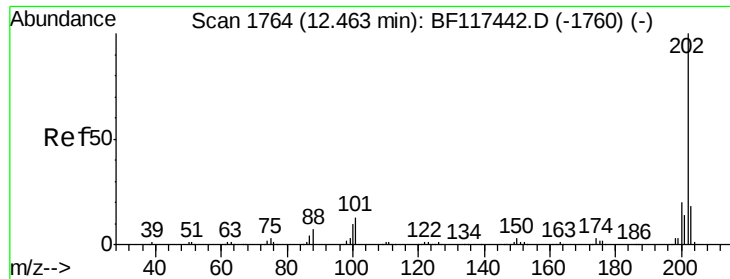
Tot Ion:167 Resp: 353315
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.953 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:149 Resp: 444734
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.3 4.6 6.8

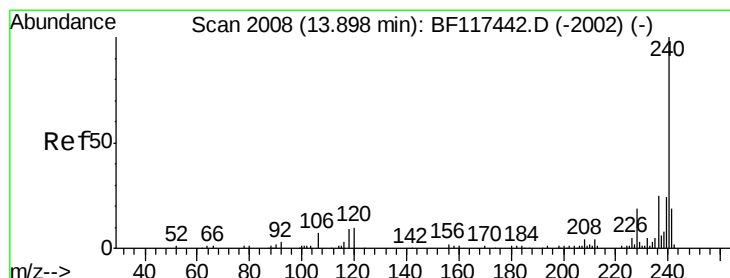
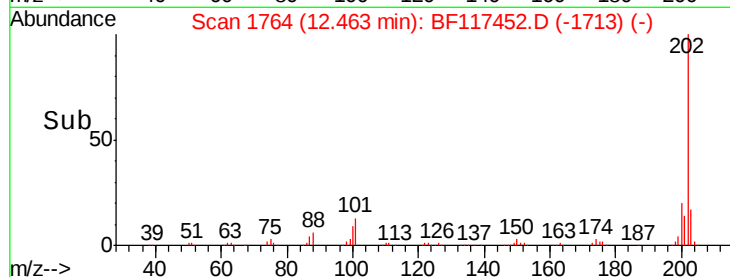
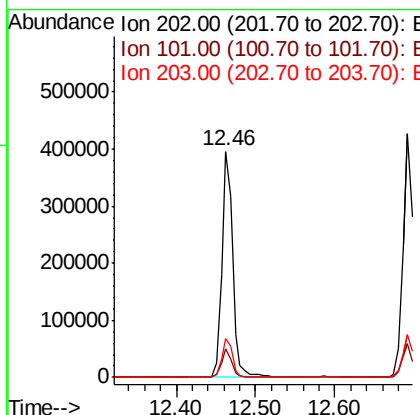
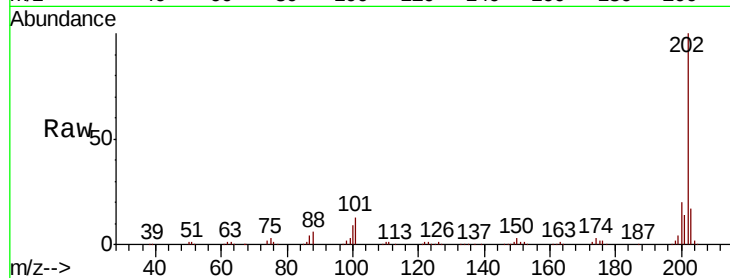




#75
 Fluoranthene
 Concen: 44.251 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

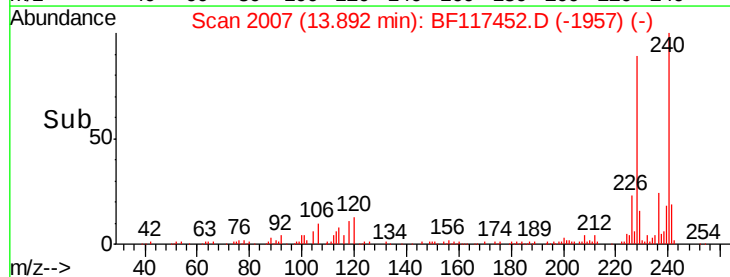
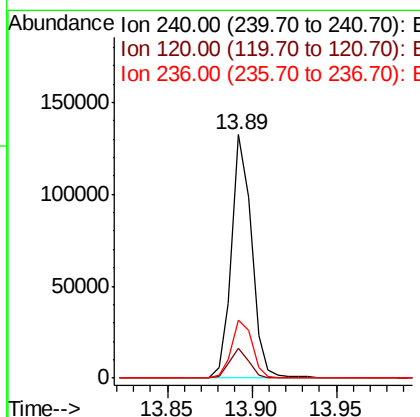
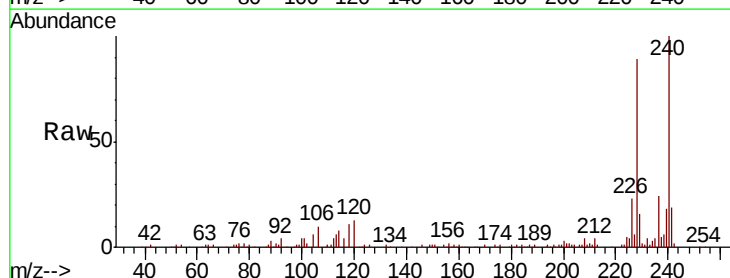
Instrument :
 BNA_F
 ClientSampled :

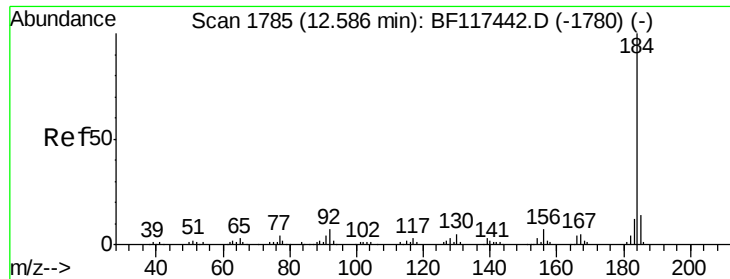
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.7
203	17.0	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.4	12.6
236	24.0	20.0	30.0

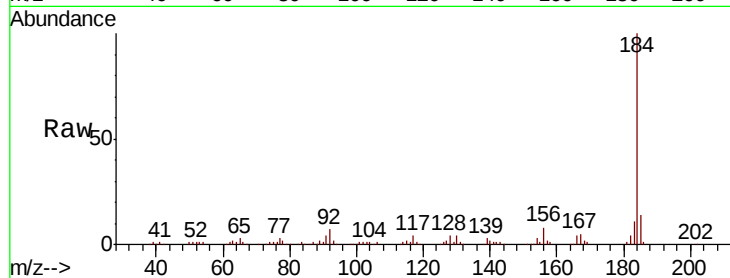




#77
Benzidine
Concen: Below Cal
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.4	17.0
183	10.8	9.6	14.4

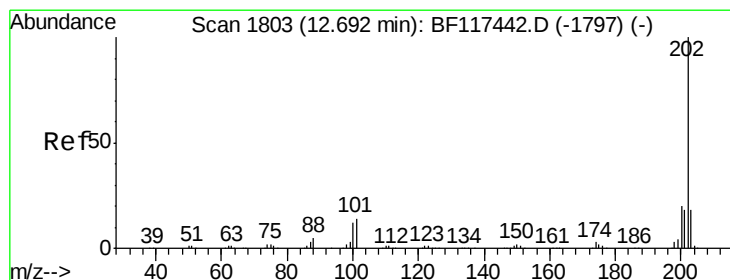
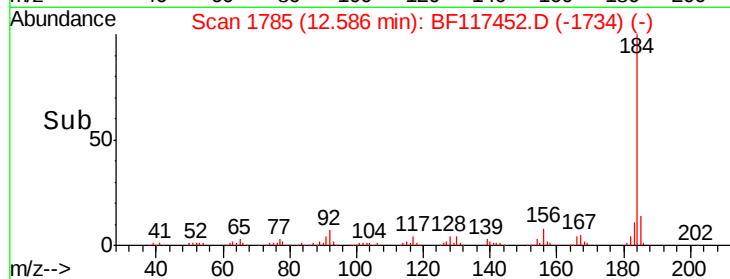
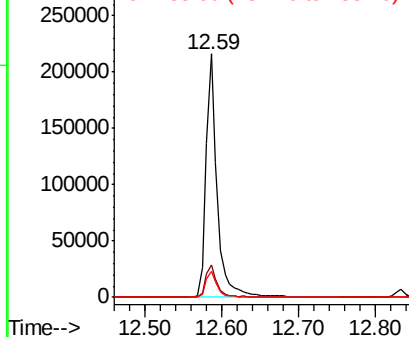


Abundance

Ion 184.00 (183.70 to 184.70): E

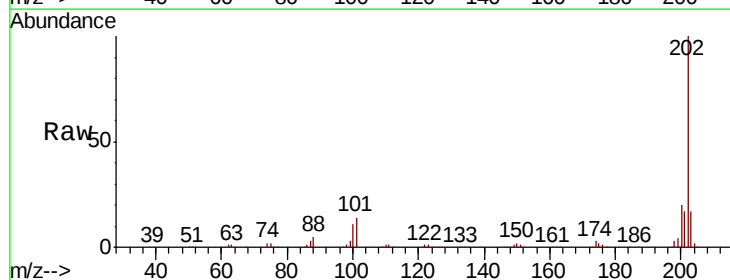
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 40.413 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.3	14.0	21.0

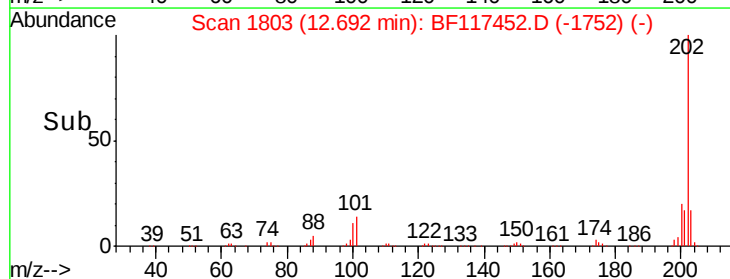
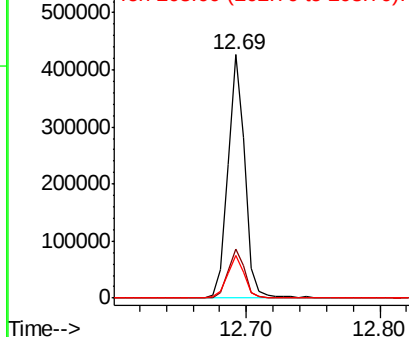


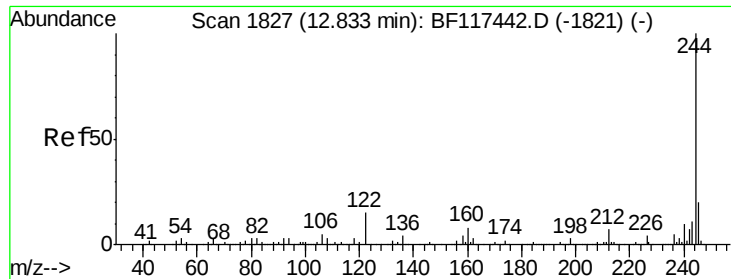
Abundance

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: 59.653 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

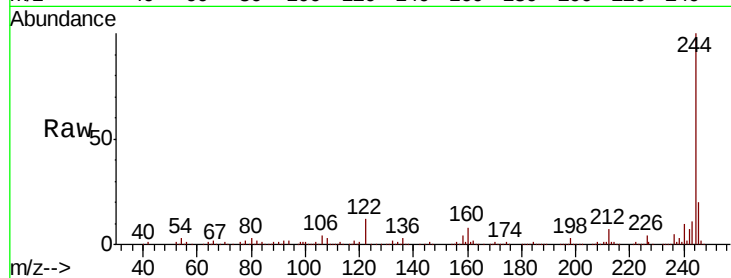
Tot Ion:244 Resp: 402177

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

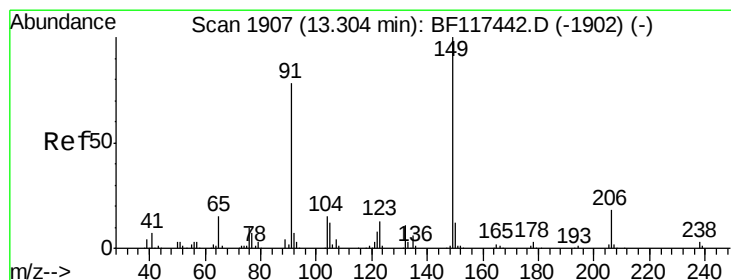
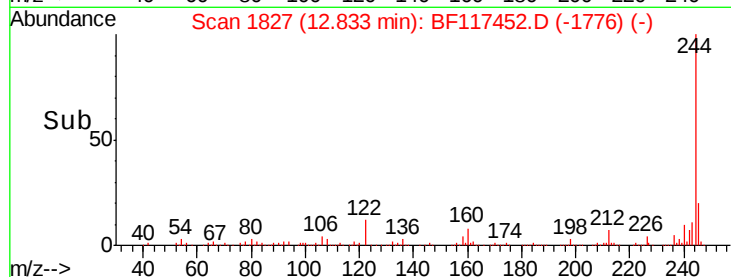
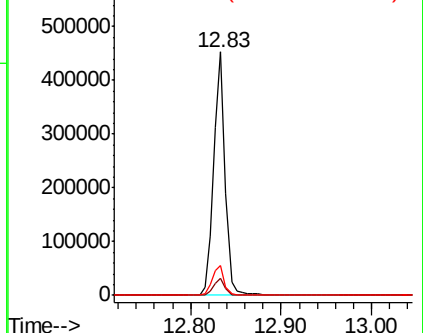
122 12.3 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.873 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

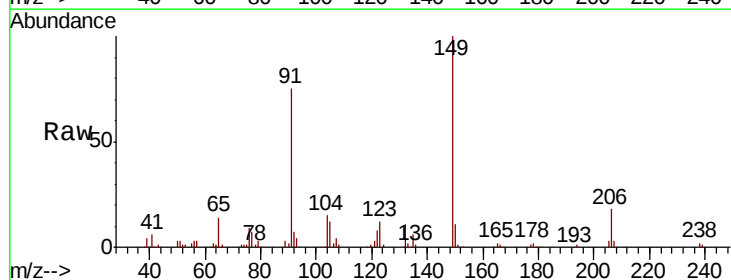
Tgt Ion:149 Resp: 182717

Ion Ratio Lower Upper

149 100

91 75.1 62.1 93.1

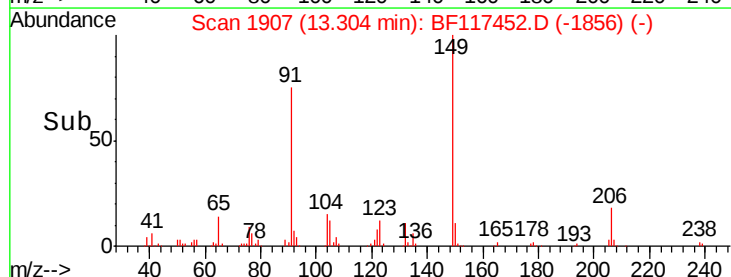
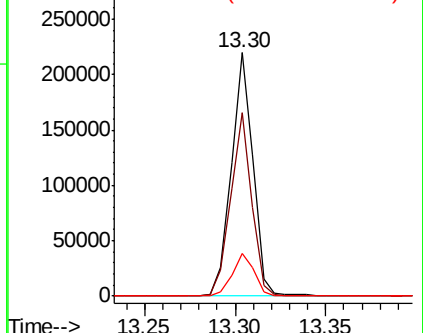
206 17.6 14.3 21.5

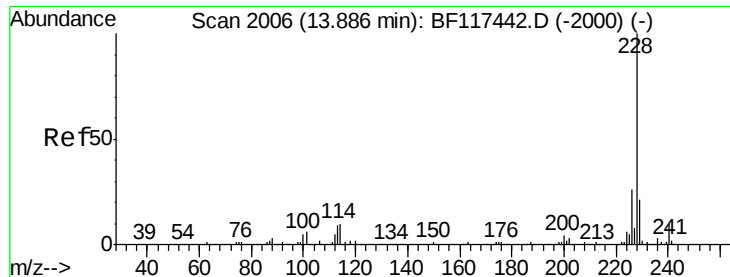


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

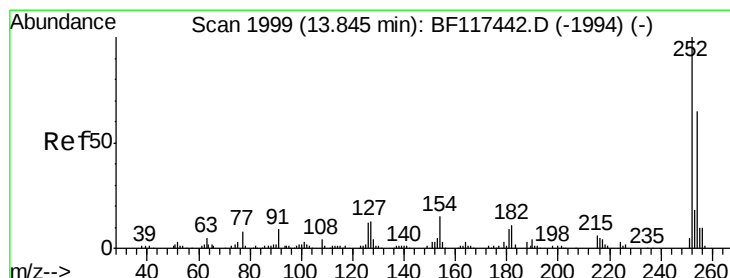
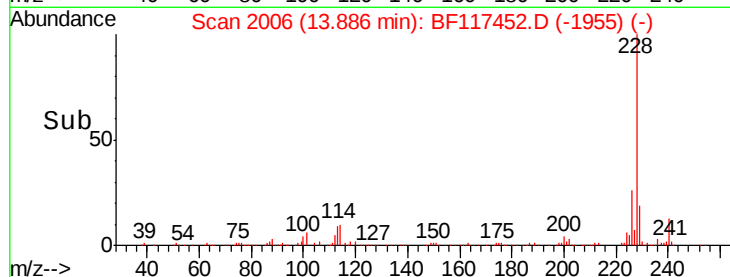
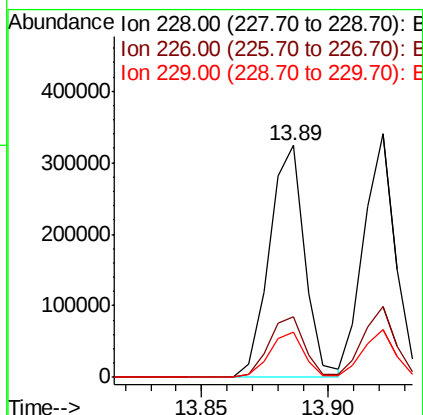
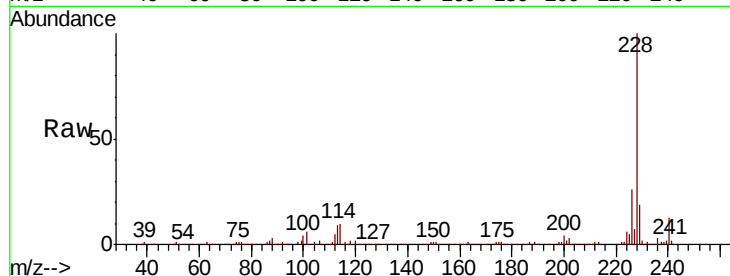




#81
Benzo(a)anthracene
Concen: 42.203 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

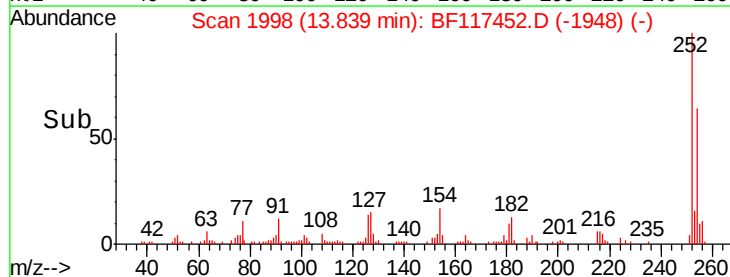
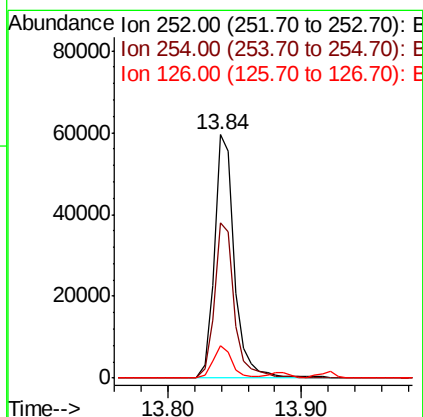
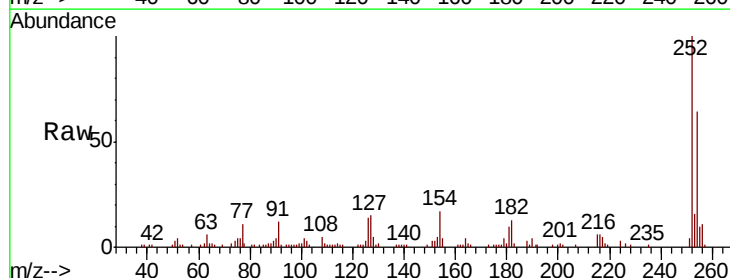
Instrument :
BNA_F
ClientSampleId :

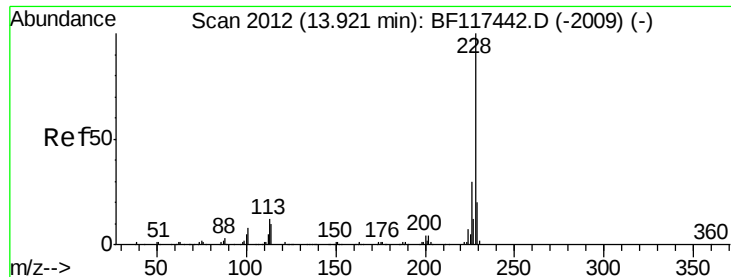
Tot Ion:228 Resp: 313053
Ion Ratio Lower Upper
228 100
226 25.9 21.0 31.4
229 19.5 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 27.088 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:252 Resp: 63052
Ion Ratio Lower Upper
252 100
254 63.8 52.2 78.4
126 13.6 9.2 13.8

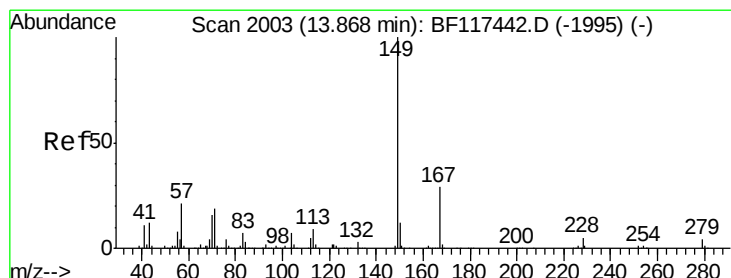
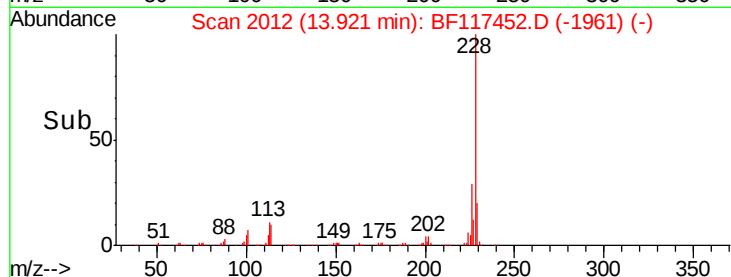
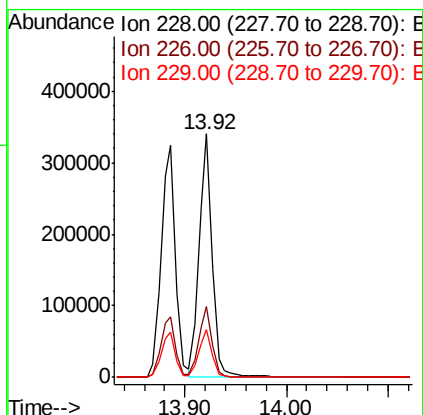
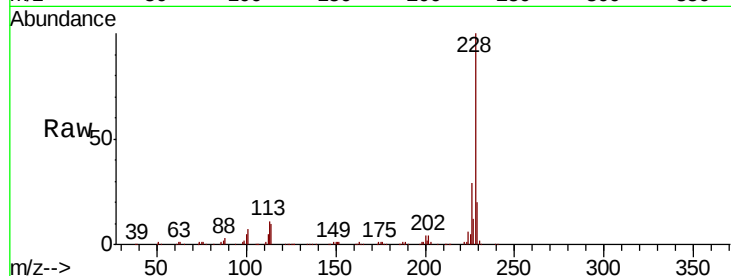




#83
Chrysene
Concen: 42.046 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

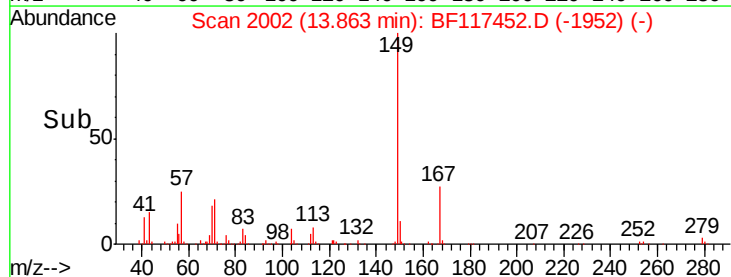
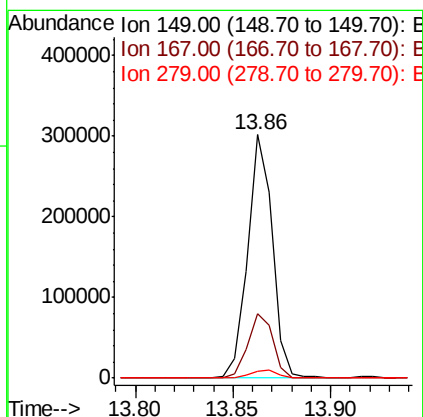
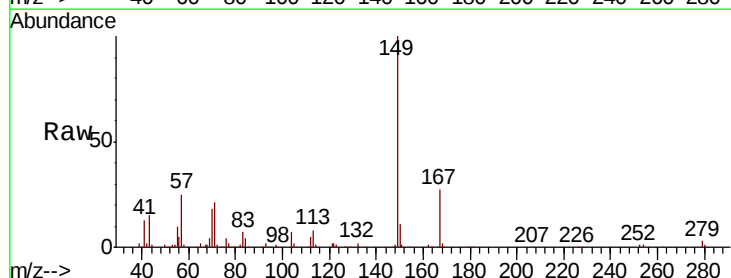
Instrument :
BNA_F
ClientSampleId :

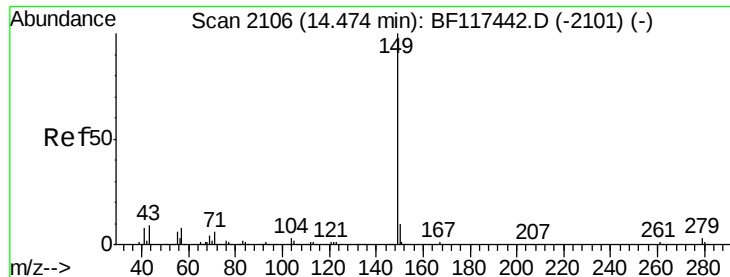
Tot Ion:228 Resp: 305669
Ion Ratio Lower Upper
228 100
226 29.2 23.9 35.9
229 19.5 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.041 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:149 Resp: 263646
Ion Ratio Lower Upper
149 100
167 26.6 23.3 34.9
279 2.8 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 43.229 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

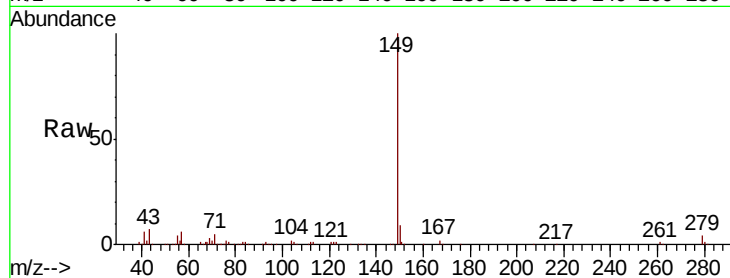
Tot Ion:149 Resp: 437629

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

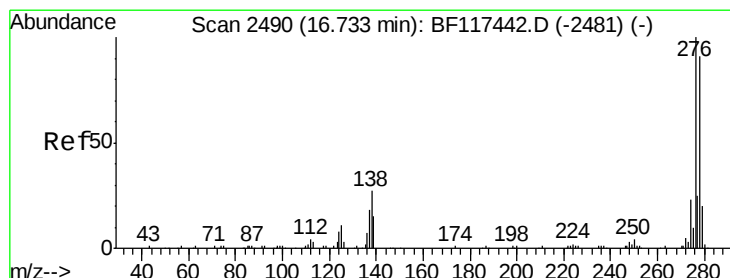
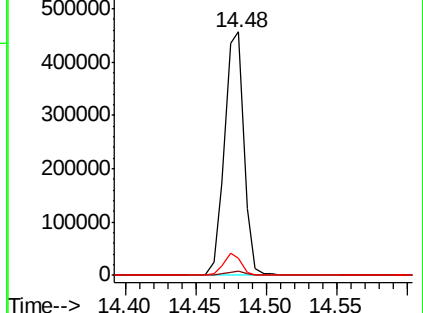
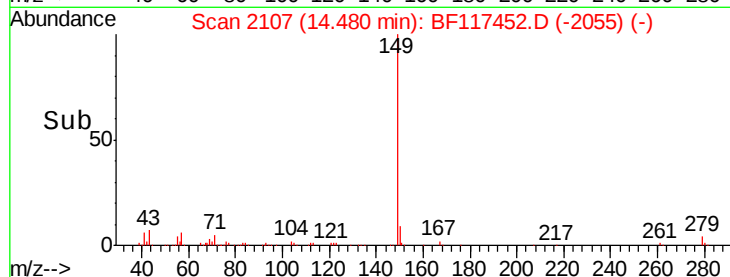
43 8.2 6.8 10.2



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: 40.296 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

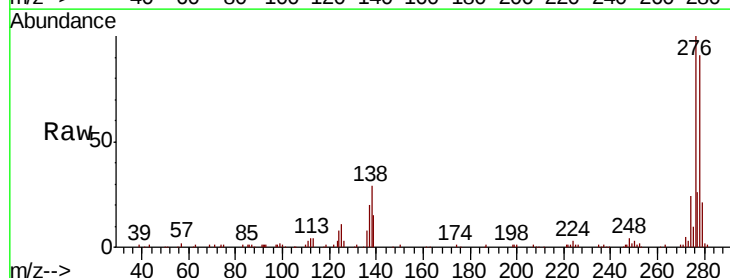
Tgt Ion:276 Resp: 218718

Ion Ratio Lower Upper

276 100

138 28.8 21.8 32.8

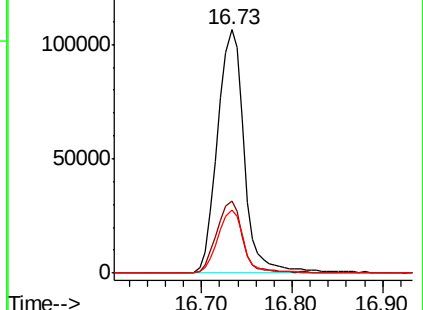
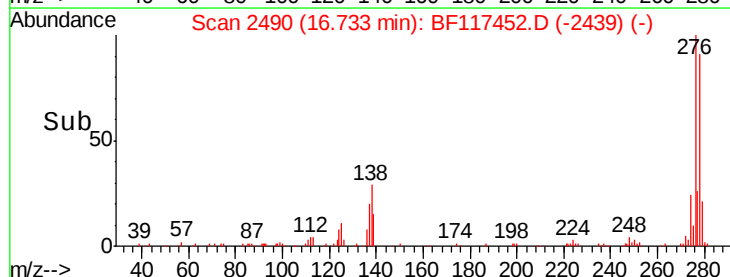
277 25.0 20.0 30.0

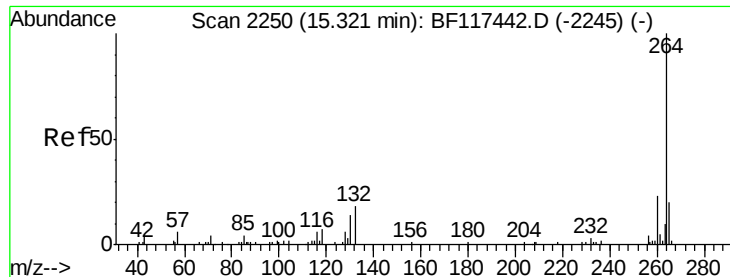


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

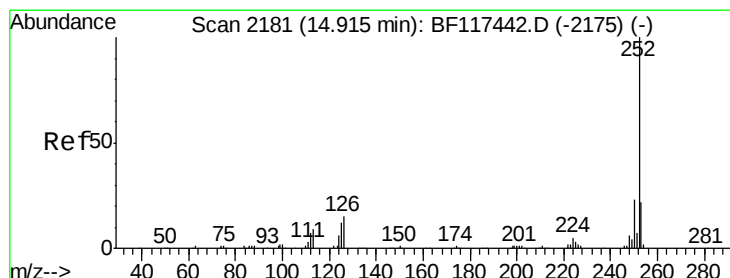
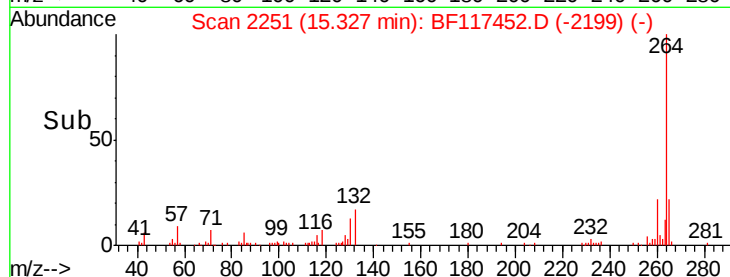
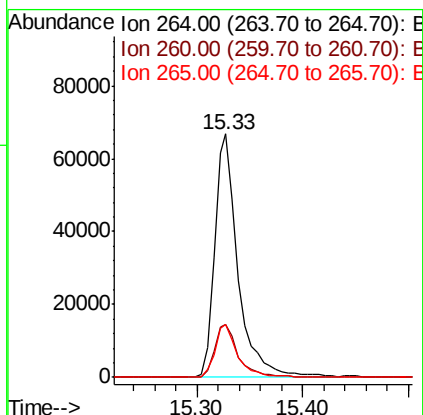
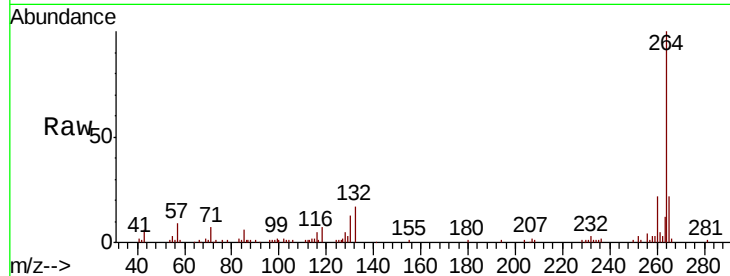




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

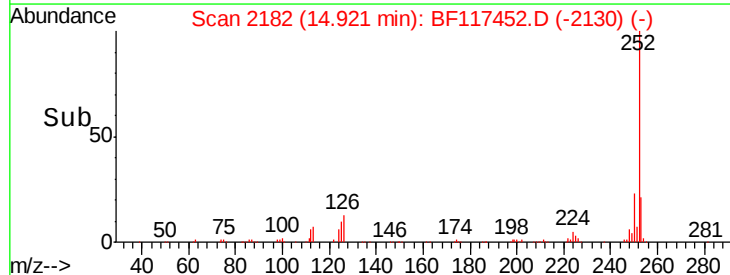
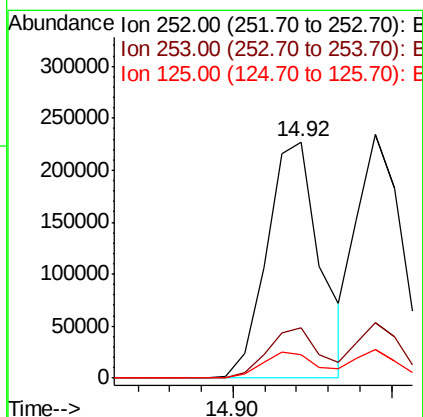
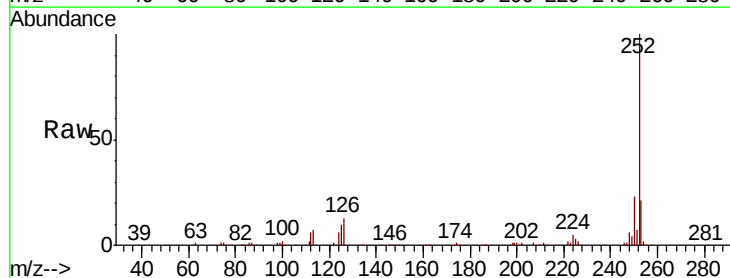
Instrument :
BNA_F
ClientSampleId :

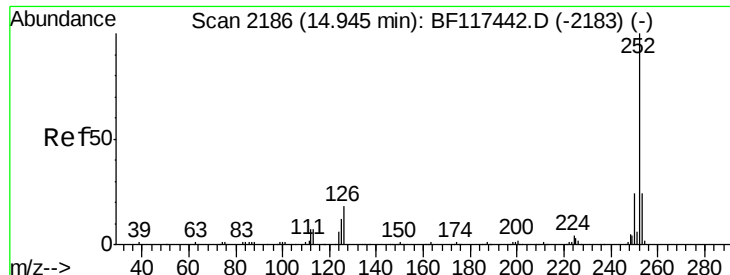
Tot Ion:264 Resp: 103303
Ion Ratio Lower Upper
264 100
260 21.9 18.4 27.6
265 21.8 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 43.635 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:252 Resp: 266183
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 10.2 9.9 14.9

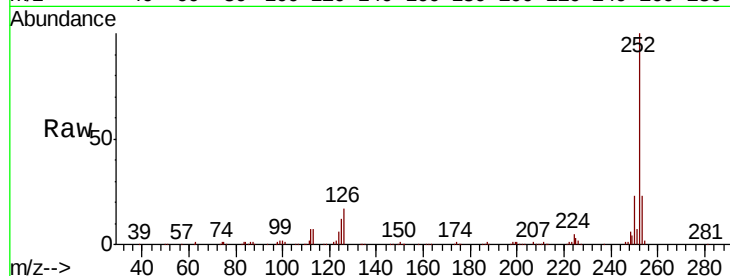




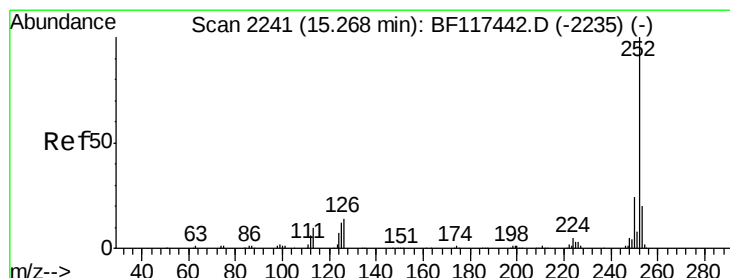
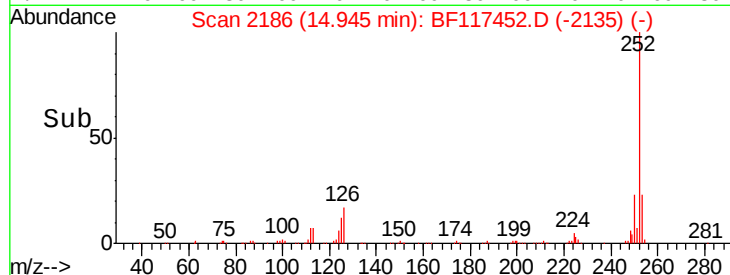
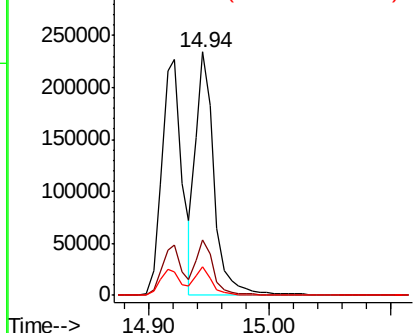
#89
Benzo(k)fluoranthene
Concen: 39.580 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 247467
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.8 8.9 13.3

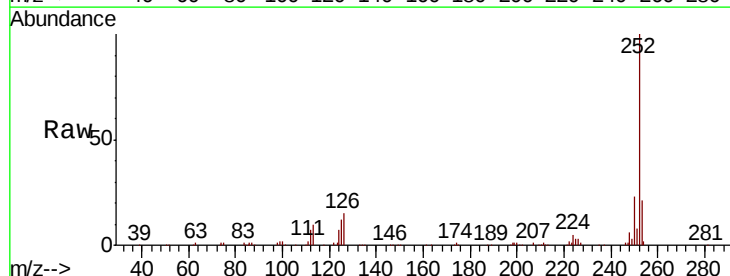


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

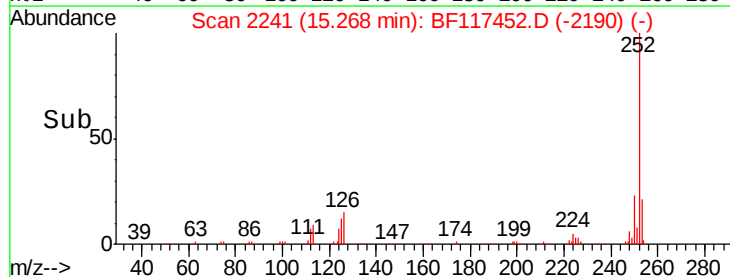
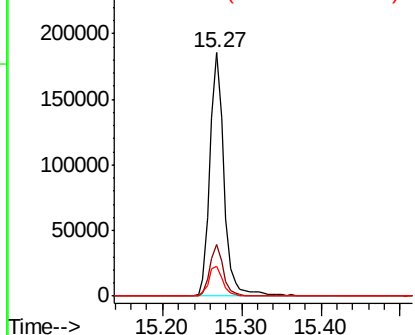


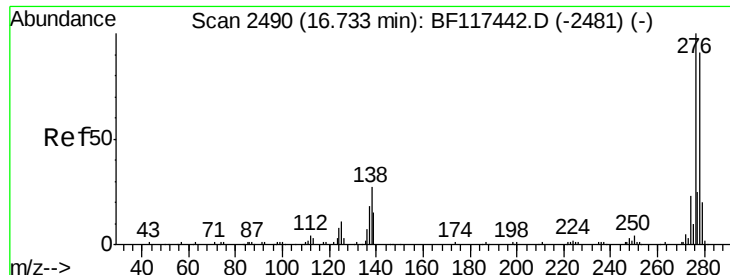
#90
Benzo(a)pyrene
Concen: 41.579 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion:252 Resp: 230610
Ion Ratio Lower Upper
252 100
253 21.1 16.3 24.5
125 12.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

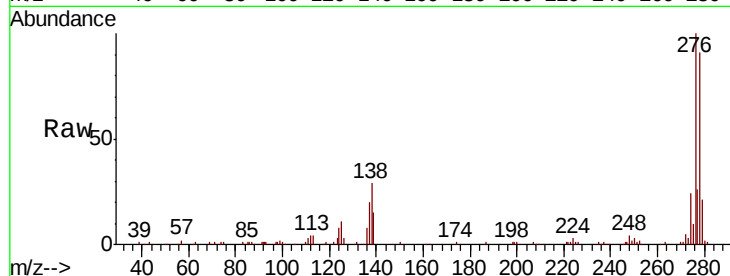




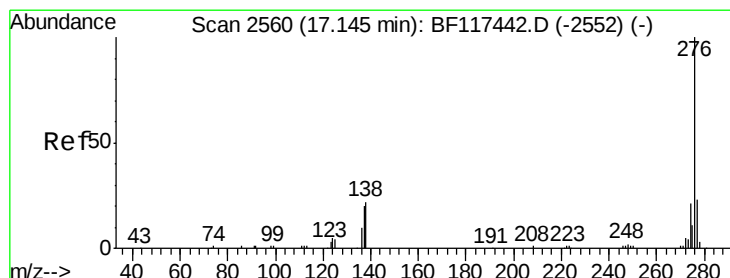
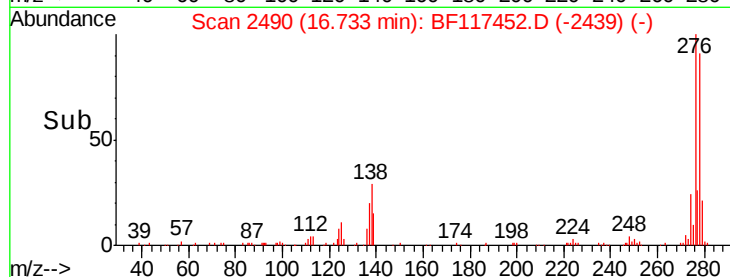
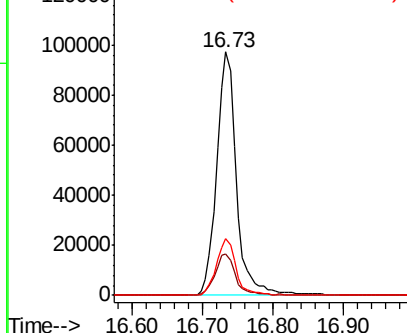
#91
Dibenzo(a,h)anthracene
Concen: 39.598 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.4	20.0
279	23.4	17.8	26.6

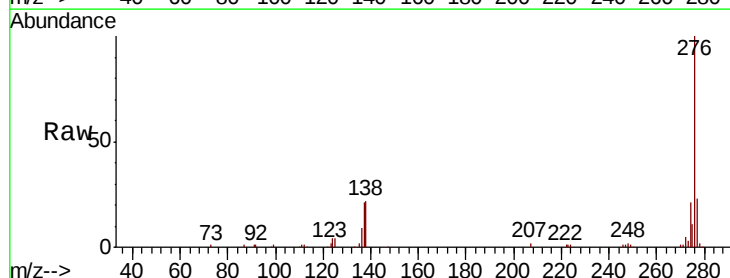


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.447 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.4	27.6
138	22.0	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

