

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117457.D
 Acq On : 21 Oct 2019 19:48
 Operator : JU
 Sample : K5146-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 01:55:10 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	66360	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	281462	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	150379	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	251709	20.00	ng	0.00
76) Chrysene-d12	13.90	240	201379	20.00	ng	0.00
87) Perylene-d12	15.33	264	184250	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	334202	74.92	ng	0.01
7) Phenol-d6	6.39	99	435845	72.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	284882	49.97	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	101046	77.66	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	529140	49.58	ng	0.00
79) Terphenyl-d14	12.83	244	579642	46.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	43136	23.001	ng	# 83
3) Pyridine	3.27	79	81580	17.770	ng	96
4) n-Nitrosodimethylamine	3.16	42	45840	27.523	ng	95
6) Aniline	6.41	93	32739	4.655	ng	# 40
8) 2-Chlorophenol	6.53	128	131116	27.857	ng	96
9) Benzaldehyde	6.29	77	79448	24.413	ng	95
10) Phenol	6.40	94	154431	25.256	ng	# 66
11) bis(2-Chloroethyl)ether	6.47	93	122569	27.100	ng	99
12) 1,3-Dichlorobenzene	6.67	146	133115	25.343	ng	98
13) 1,4-Dichlorobenzene	6.75	146	135720	25.471	ng	98
14) 1,2-Dichlorobenzene	6.90	146	128268	25.538	ng	98
15) Benzyl Alcohol	6.89	79	121270	28.332	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	126954	26.020	ng	76
17) 2-Methylphenol	7.00	107	110623	28.570	ng	96
18) Hexachloroethane	7.24	117	52773	25.374	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	102235	27.942	ng	97
20) 3+4-Methylphenols	7.16	107	147214	28.998	ng	# 85
22) Acetophenone	7.15	105	198918	26.615	ng	95
24) Nitrobenzene	7.32	77	150820	27.619	ng	99
25) Isophorone	7.56	82	279124	28.301	ng	98
26) 2-Nitrophenol	7.63	139	68455	28.107	ng	93
27) 2,4-Dimethylphenol	7.68	122	113439	31.167	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	165918	27.263	ng	98
29) 2,4-Dichlorophenol	7.89	162	109918	28.792	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	107955	26.351	ng	98
31) Naphthalene	8.03	128	389724	27.935	ng	100
32) Benzoic acid	7.84	122	73961	29.667	ng	99
33) 4-Chloroaniline	8.10	127	20472	3.477	ng	98
34) Hexachlorobutadiene	8.15	225	60112	25.350	ng	98
35) Caprolactam	8.46	113	18920	15.427	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	128249	29.456	ng	100
37) 2-Methylnaphthalene	8.73	142	267721	28.479	ng	99
38) 1-Methylnaphthalene	8.82	142	248450	28.126	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	102354	25.271	ng	99

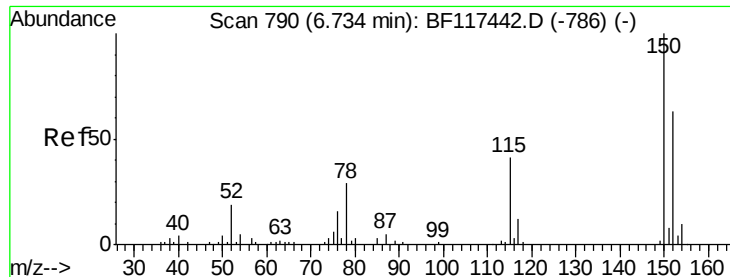
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	59055	61.094	nq	97
43) 2,4,6-Trichlorophenol	9.01	196	70613	27.840	nq	95
44) 2,4,5-Trichlorophenol	9.06	196	75595	29.412	nq	99
46) 1,1'-Biphenyl	9.19	154	315082	25.309	nq	98
47) 2-Chloronaphthalene	9.22	162	244044	25.999	nq	99
48) 2-Nitroaniline	9.32	65	78624	25.515	nq	90
49) Acenaphthylene	9.63	152	386370	28.023	nq	100
50) Dimethylphthalate	9.49	163	301768	28.149	nq	99
51) 2,6-Dinitrotoluene	9.56	165	63158	28.232	nq #	80
52) Acenaphthene	9.80	154	225928	26.709	nq	99
53) 3-Nitroaniline	9.73	138	20368	7.504	nq #	96
54) 2,4-Dinitrophenol	9.85	184	50645	56.146	nq	98
55) Dibenzofuran	9.97	168	344768	28.132	nq	99
56) 4-Nitrophenol	9.92	139	79478	64.457	nq	96
57) 2,4-Dinitrotoluene	9.97	165	85625	28.789	nq	85
58) Fluorene	10.32	166	284021	28.025	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	50718	25.107	nq	96
60) Diethylphthalate	10.19	149	306437	28.260	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	123481	27.157	nq	96
62) 4-Nitroaniline	10.35	138	61241	23.937	nq	96
63) Azobenzene	10.46	77	319231	28.759	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	38037	29.722	nq	95
66) n-Nitrosodiphenylamine	10.43	169	252148	27.402	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	71501	26.373	nq	93
68) Hexachlorobenzene	10.87	284	75788	26.102	nq	90
69) Atrazine	10.96	200	80194	34.253	nq	97
70) Pentachlorophenol	11.07	266	67177	77.177	nq	96
71) Phenanthrene	11.27	178	402950	27.569	nq	99
72) Anthracene	11.33	178	429353	28.630	nq	98
73) Carbazole	11.49	167	396699	28.945	nq	99
74) Di-n-butylphthalate	11.81	149	522473	28.531	nq	99
75) Fluoranthene	12.46	202	435628	29.773	nq	99
77) Benzidine	12.59	184	45888	4.901	nq	97
78) Pyrene	12.69	202	436104	25.212	nq	99
80) Butylbenzylphthalate	13.30	149	228278	26.521	nq	97
81) Benzo(a)anthracene	13.89	228	367755	27.073	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	40899	9.595	nq #	97
83) Chrysene	13.92	228	359505	27.004	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	340573	28.246	nq #	96
85) Di-n-octyl phthalate	14.48	149	573189	30.919	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	289068	29.083	nq	99
88) Benzo(b)fluoranthene	14.92	252	317440	29.176	nq	97
89) Benzo(k)fluoranthene	14.94	252	297540	26.682	nq	97
90) Benzo(a)pyrene	15.27	252	268883	27.181	nq	96
91) Dibenzo(a,h)anthracene	16.74	278	247061	28.884	nq	97
92) Benzo(g,h,i)perylene	17.15	276	238405	29.457	nq	97

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

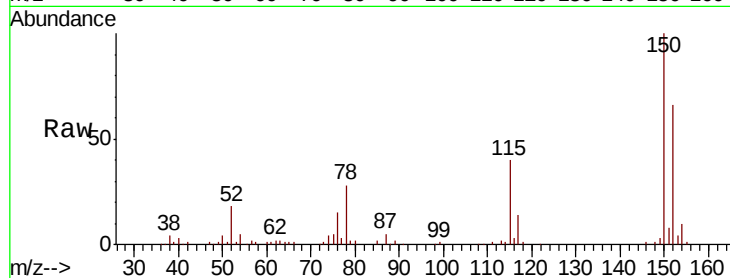


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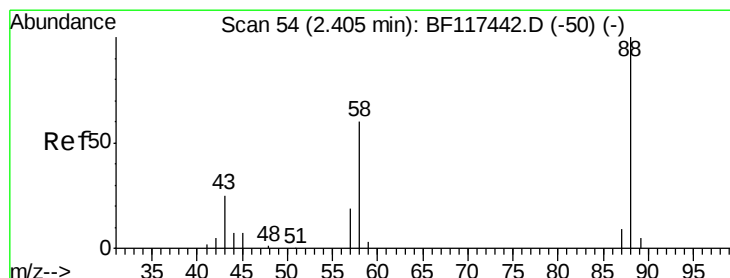
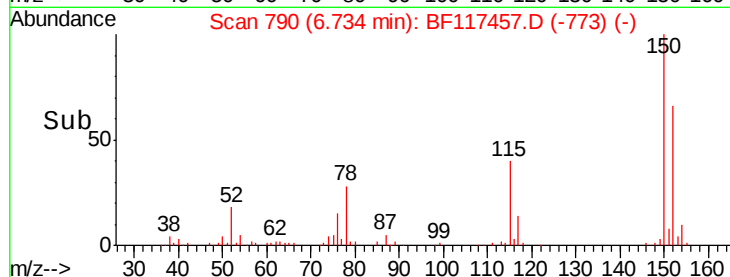
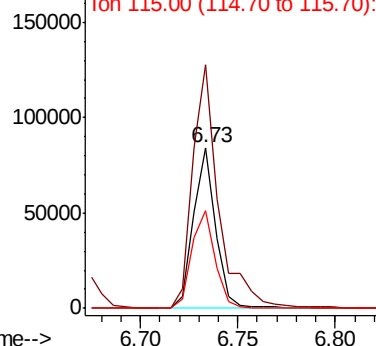
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66360
Ion Ratio Lower Upper
152 100
150 151.7 126.8 190.2
115 61.1 51.6 77.4



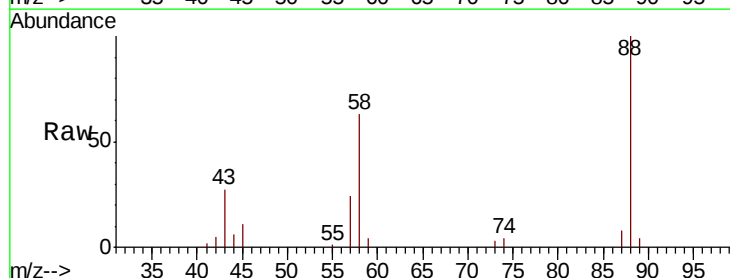
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



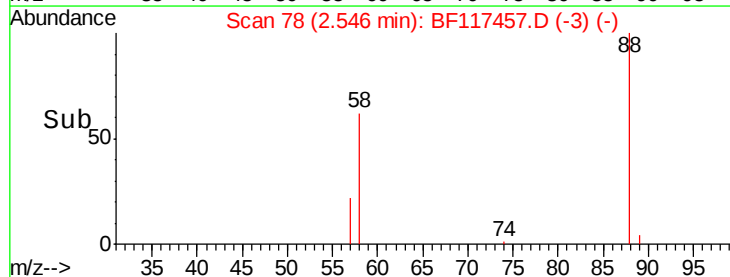
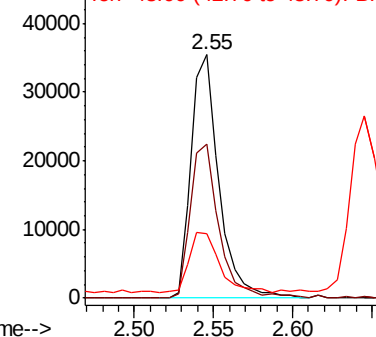
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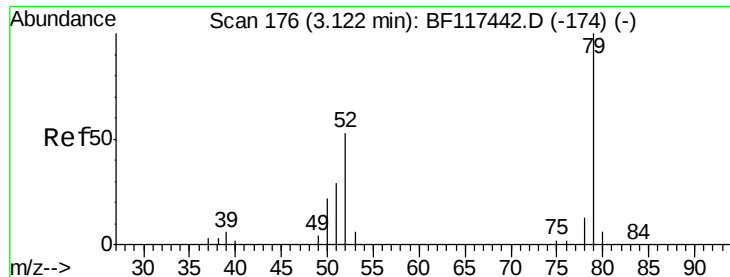
1,4-Dioxane
Concen: 23.001 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.14 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion: 88 Resp: 43136
Ion Ratio Lower Upper
88 100
58 65.2 48.8 73.2
43 0.0 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

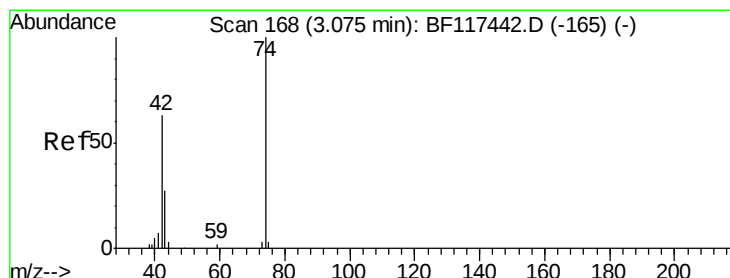
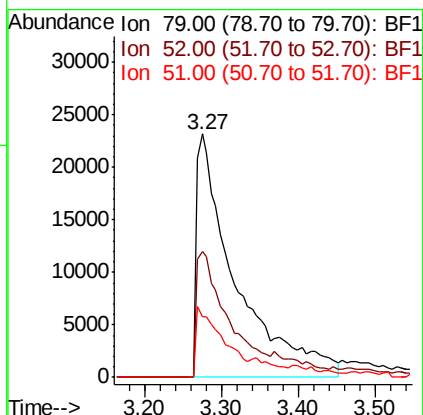
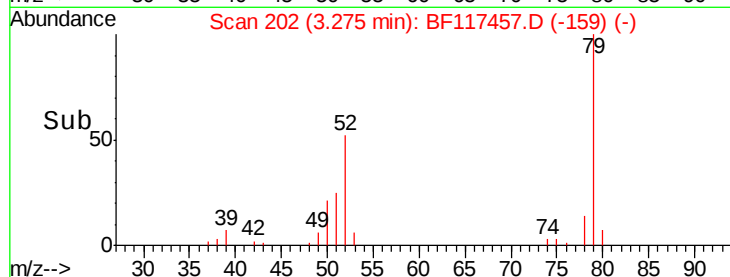
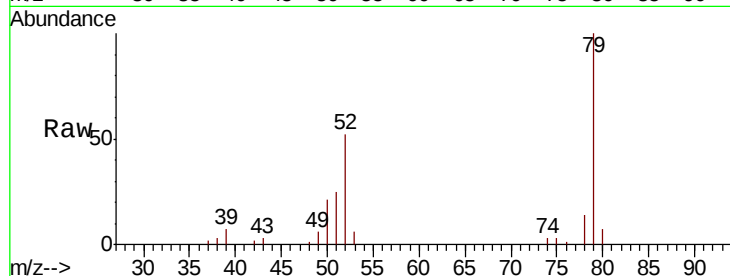




#3
 Pvridine
 Concen: 17.770 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.15 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

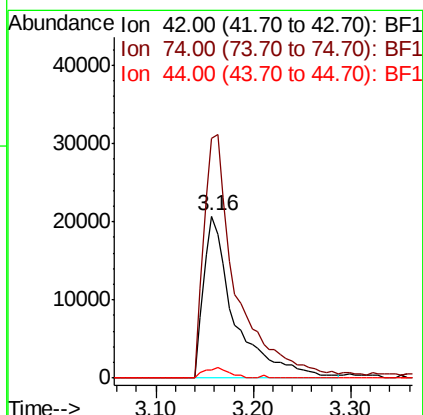
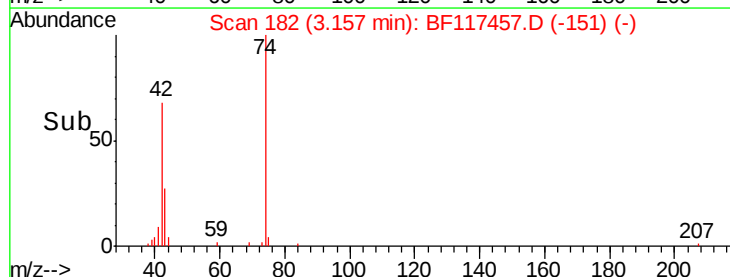
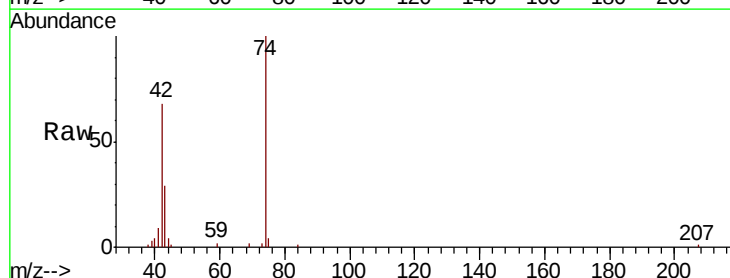
Instrument :
 BNA_F
 ClientSampleId :

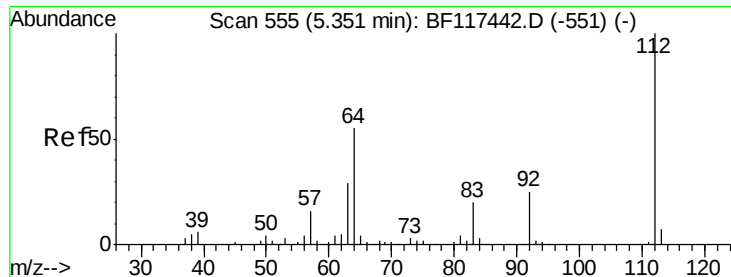
Tot Ion: 79 Resp: 81580
 Ion Ratio Lower Upper
 79 100
 52 51.9 42.4 63.6
 51 25.0 23.3 34.9



#4
 n-Nitrosodimethylamine
 Concen: 27.523 ng
 RT: 3.16 min Scan# 182
 Delta R.T. 0.08 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion: 42 Resp: 45840
 Ion Ratio Lower Upper
 42 100
 74 148.1 124.2 186.4
 44 5.3 4.2 6.4





#5

2-Fluorophenol

Concen: 74.924 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

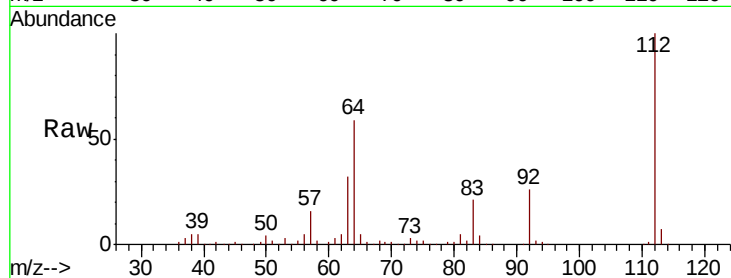
Tot Ion:112 Resp: 334202

Ion Ratio Lower Upper

112 100

64 58.9 44.1 66.1

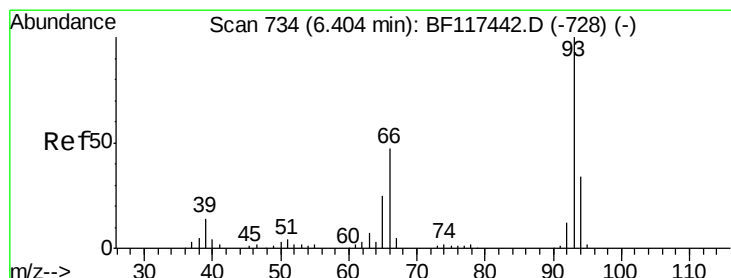
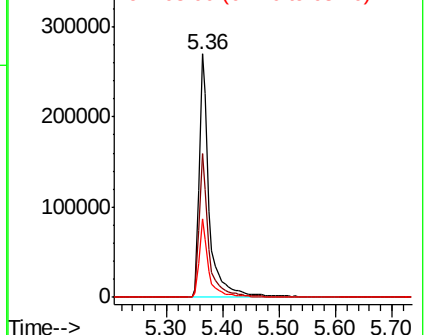
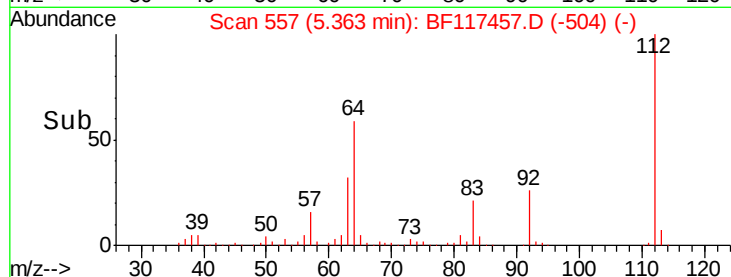
63 32.0 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.655 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

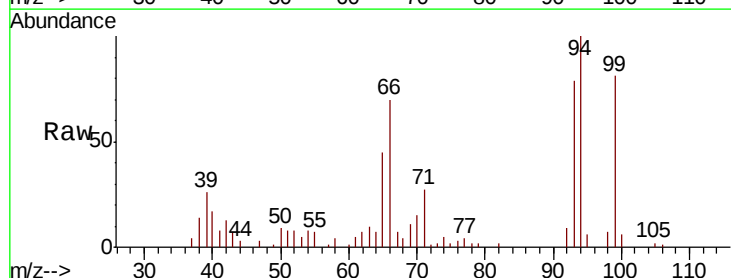
Tgt Ion: 93 Resp: 32739

Ion Ratio Lower Upper

93 100

66 87.8 38.7 58.1#

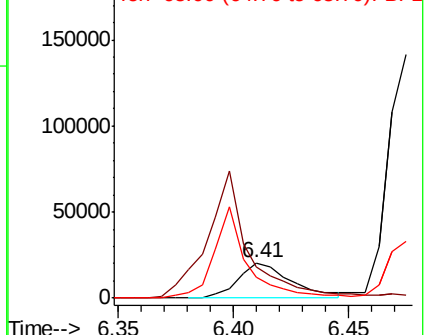
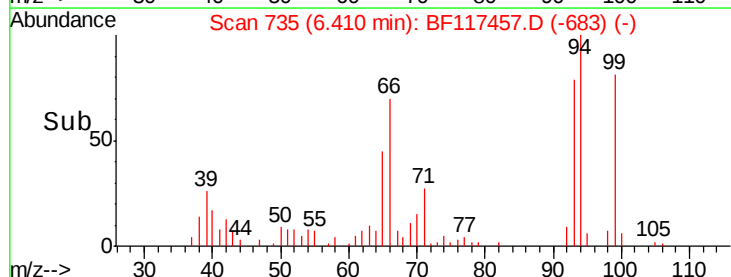
65 57.1 20.1 30.1#

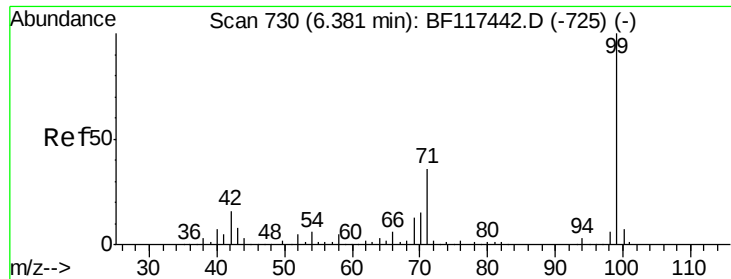


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.749 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

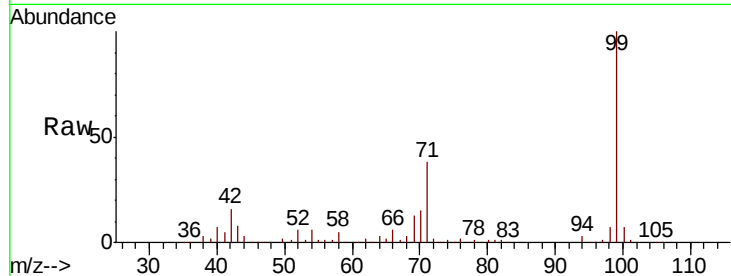
Tot Ion: 99 Resp: 435845

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

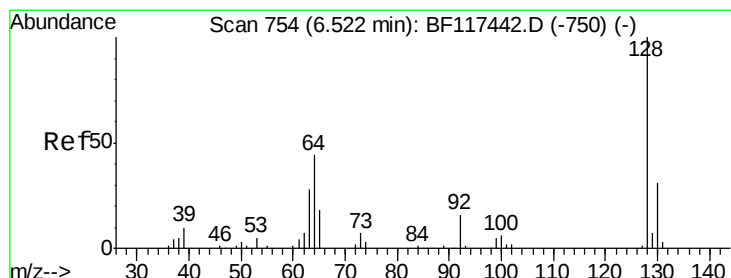
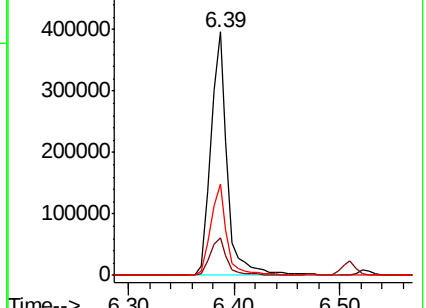
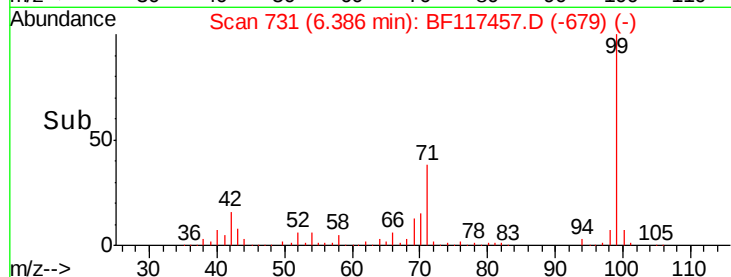
71 37.5 28.6 43.0



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: 27.857 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

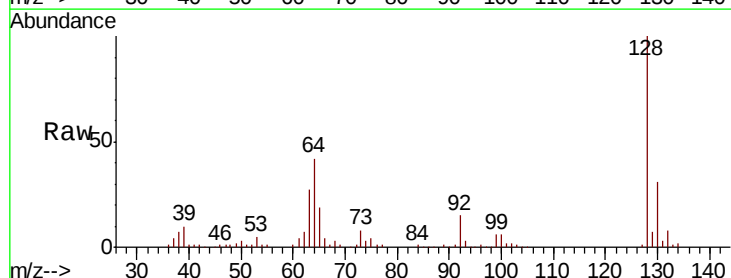
Tgt Ion: 128 Resp: 131116

Ion Ratio Lower Upper

128 100

130 31.2 11.1 51.1

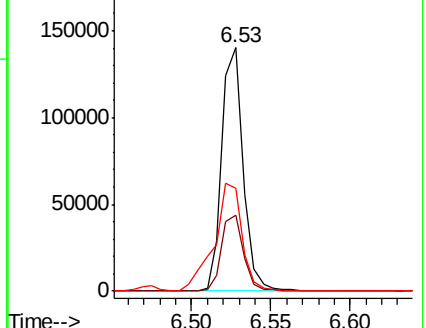
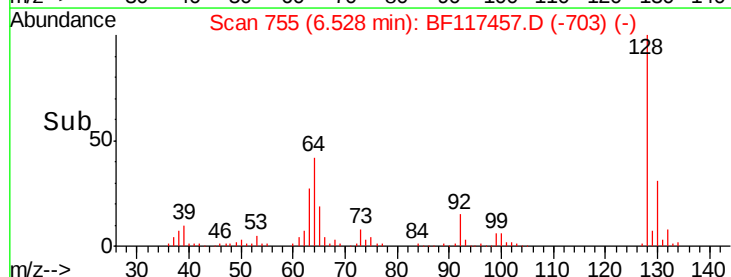
64 42.5 27.1 67.1



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: 24.413 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

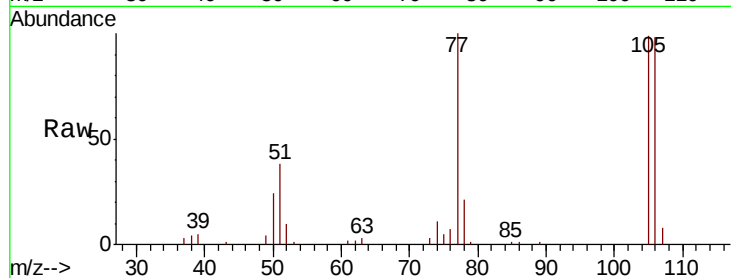
Tot Ion: 77 Resp: 79448

Ion Ratio Lower Upper

77 100

105 98.9 73.4 113.4

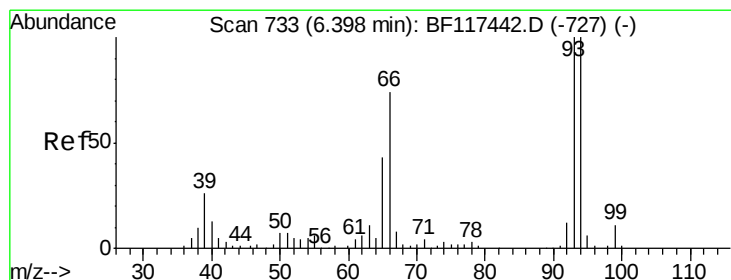
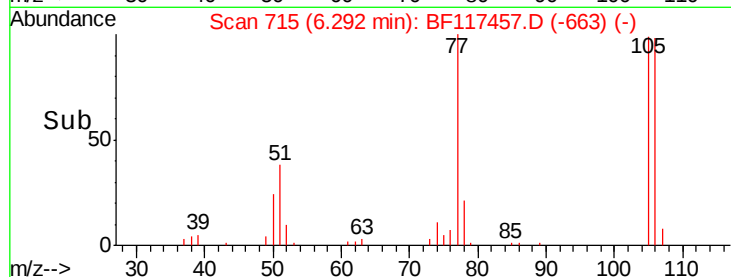
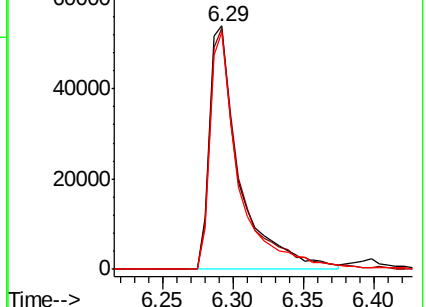
106 97.5 73.0 113.0



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: 25.256 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

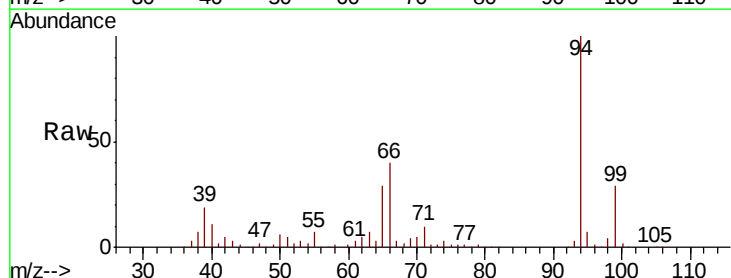
Tgt Ion: 94 Resp: 154431

Ion Ratio Lower Upper

94 100

65 28.6 23.4 63.4

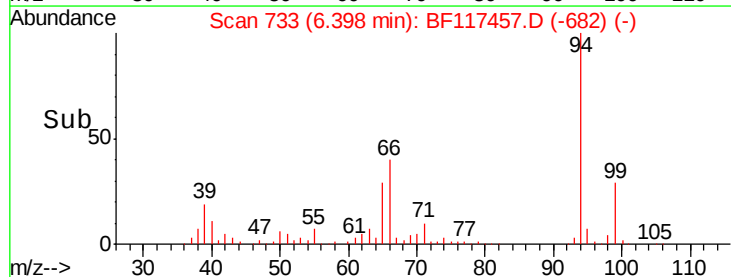
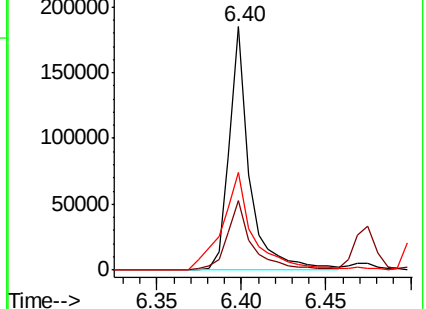
66 39.9 54.7 94.7#

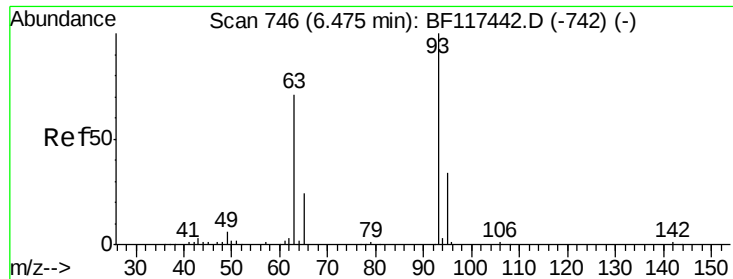


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

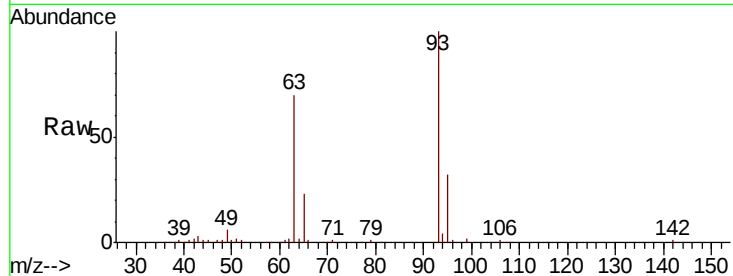




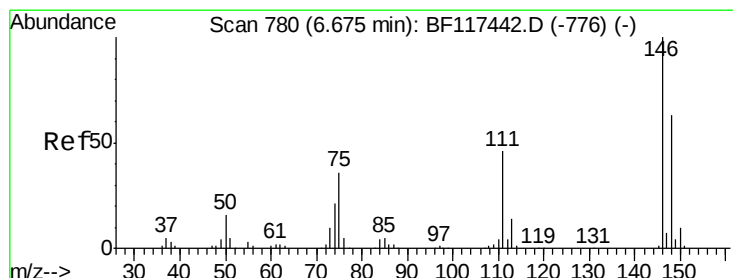
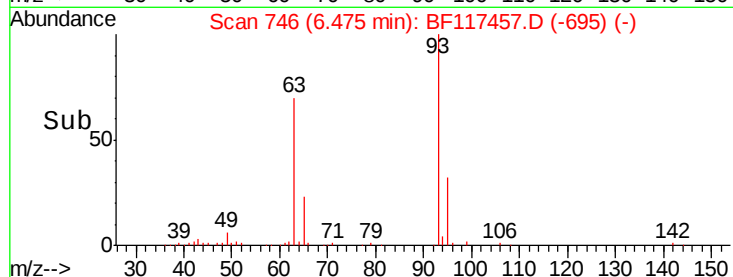
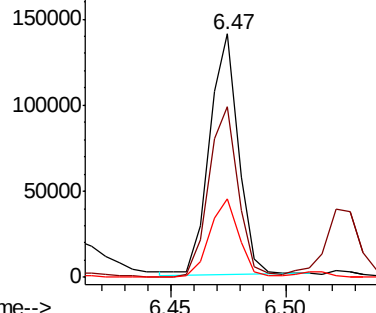
#11
bis(2-Chloroethyl)ether
Concen: 27.100 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 122569
Ion Ratio Lower Upper
93 100
63 70.2 50.2 90.2
95 32.5 13.9 53.9

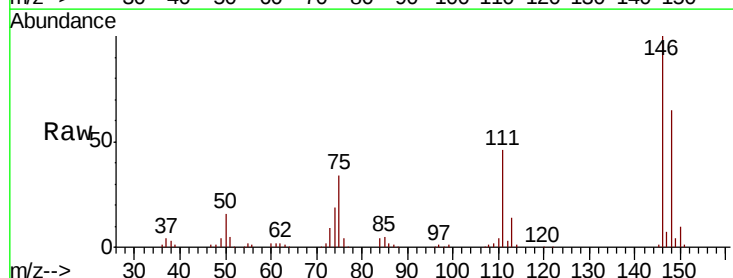


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

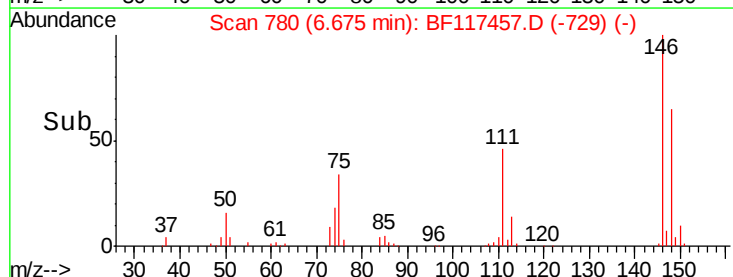
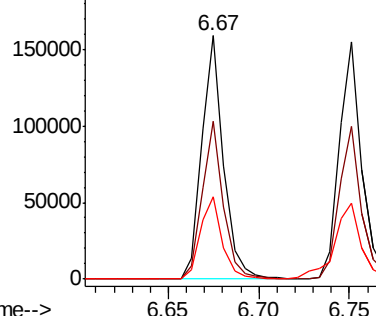


#12
1,3-Dichlorobenzene
Concen: 25.343 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion: 146 Resp: 133115
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 33.6 28.6 43.0



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

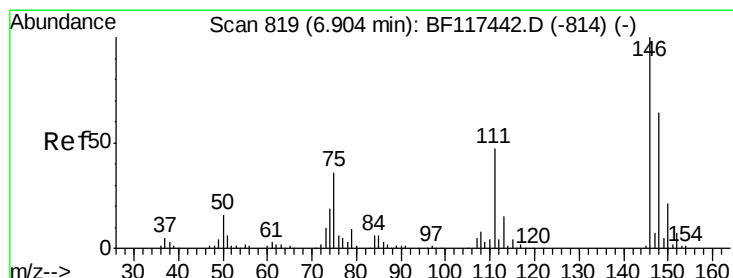
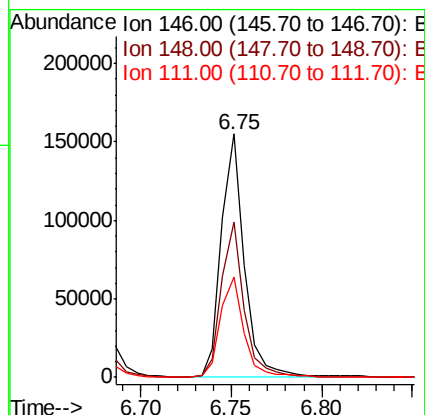
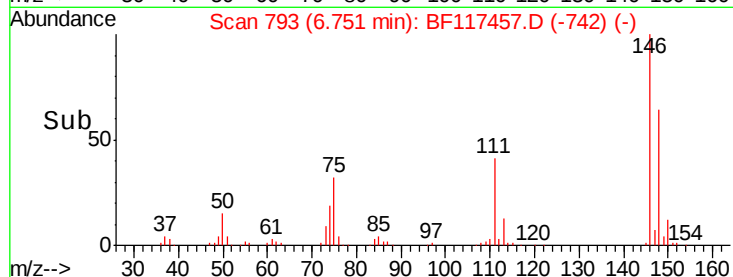
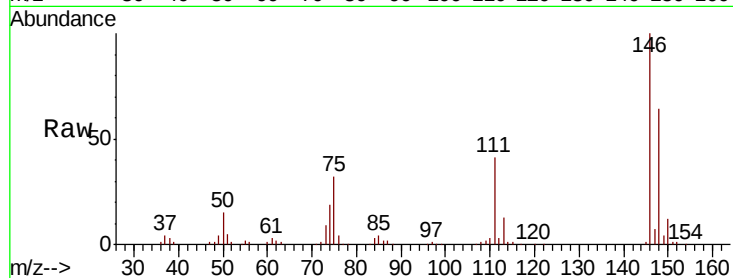




#13
 1,4-Dichlorobenzene
 Concen: 25.471 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

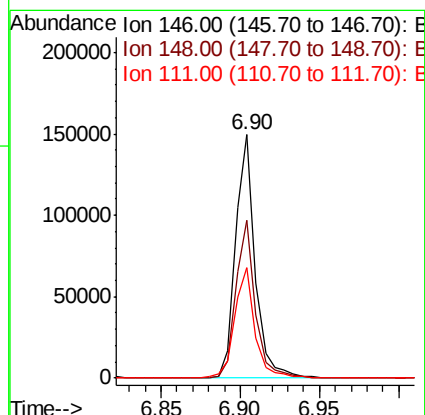
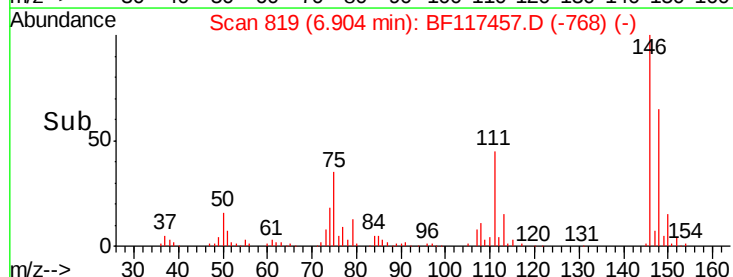
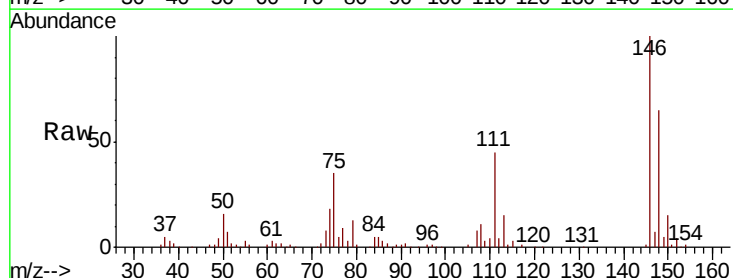
Instrument :
 BNA_F
 ClientSampleId :

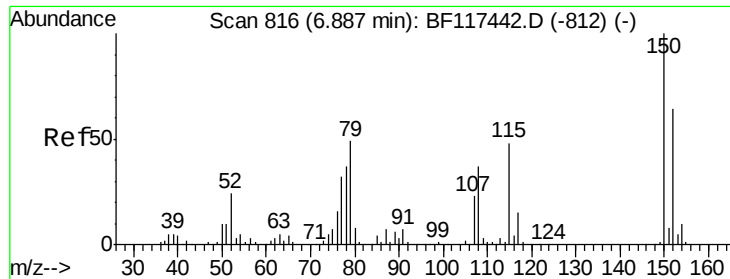
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.3	73.9
111	41.1	33.6	50.4



#14
 1,2-Dichlorobenzene
 Concen: 25.538 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	45.2	37.7	56.5

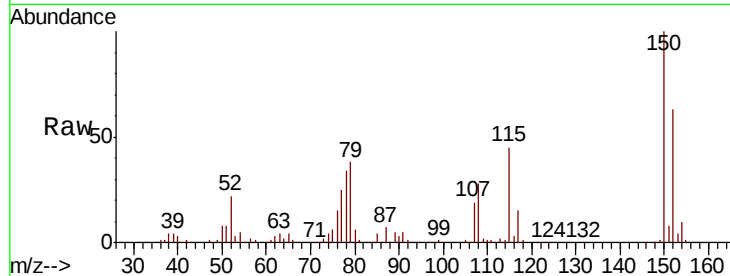




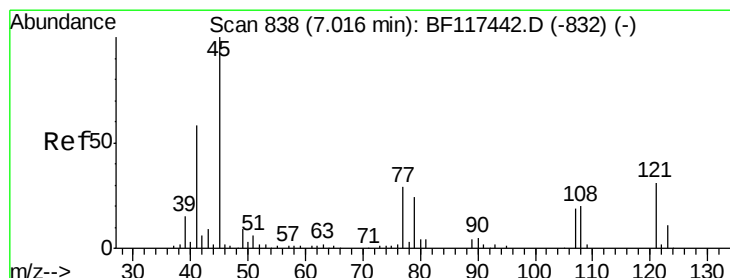
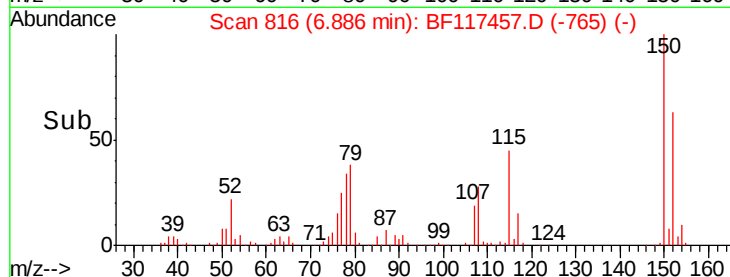
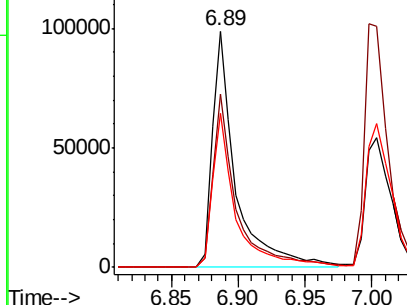
#15
Benzyl Alcohol
Concen: 28.332 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 121270
Ion Ratio Lower Upper
79 100
108 73.7 59.8 89.8
77 65.2 51.4 77.0

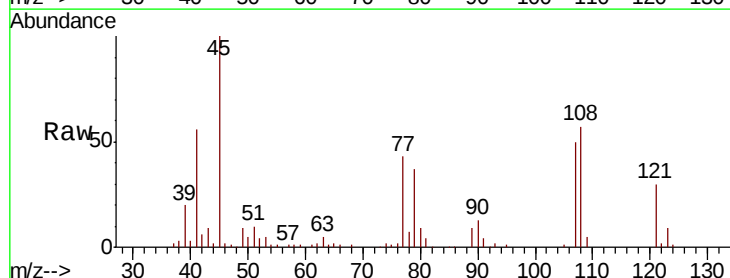


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

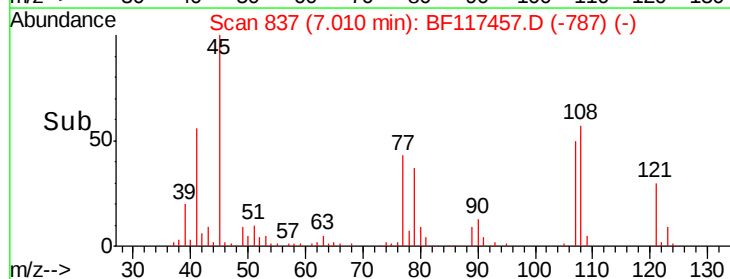
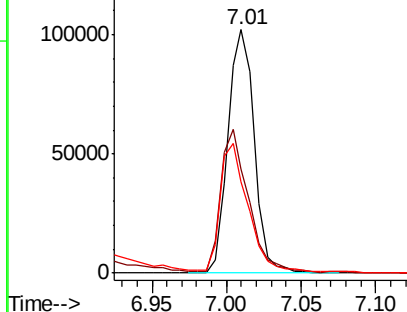


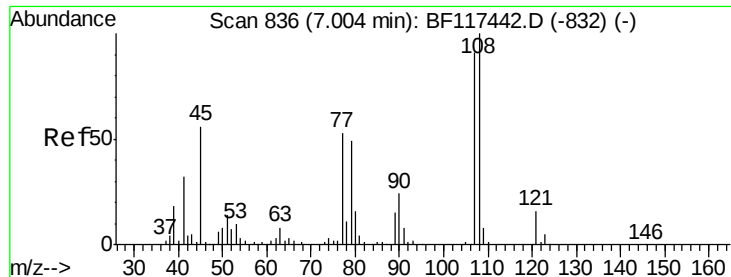
#16
2,2'-oxybis(1-chloropropane)
Concen: 26.020 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion: 45 Resp: 126954
Ion Ratio Lower Upper
45 100
77 42.7 9.9 49.9
79 37.4 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

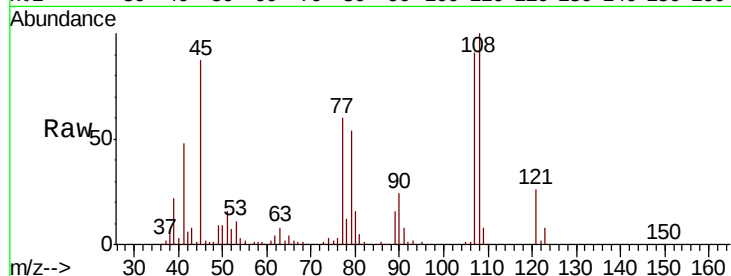




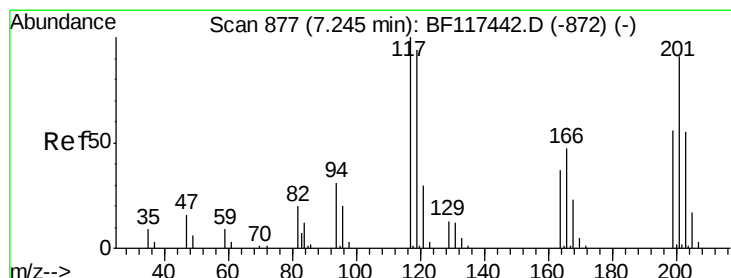
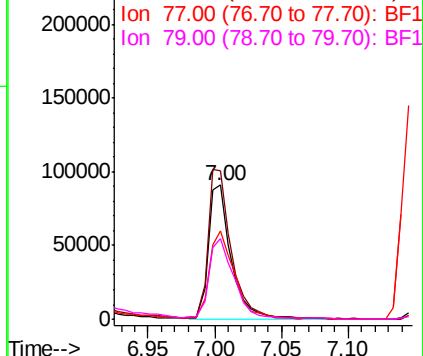
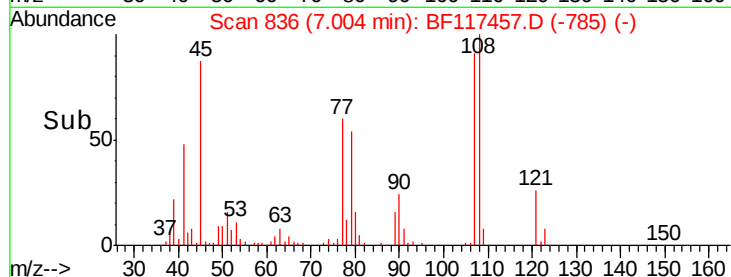
#17
2-Methylphenol
Concen: 28.570 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 110623
Ion Ratio Lower Upper
107 100
108 110.5 88.0 132.0
77 66.3 47.2 70.8
79 59.7 44.1 66.1

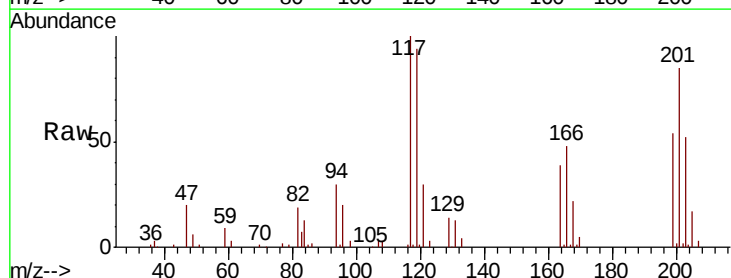


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

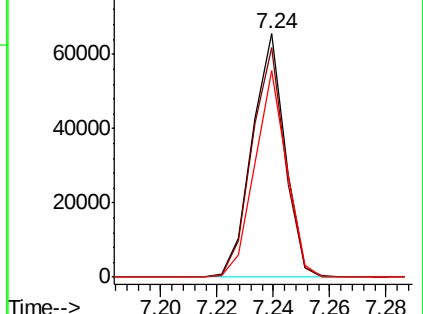
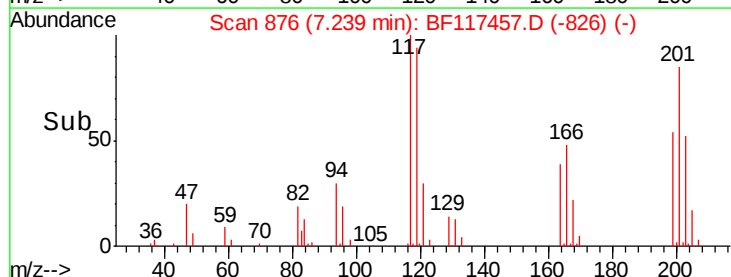


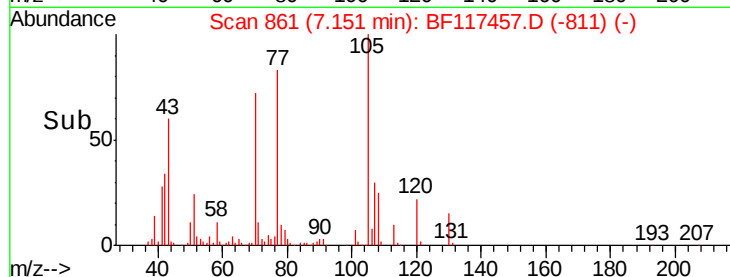
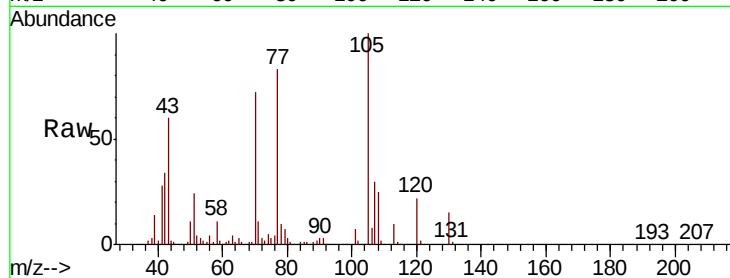
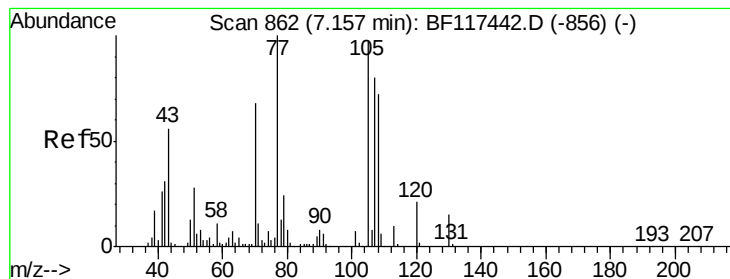
#18
Hexachloroethane
Concen: 25.374 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:117 Resp: 52773
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
201 85.1 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: 27.942 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 102235

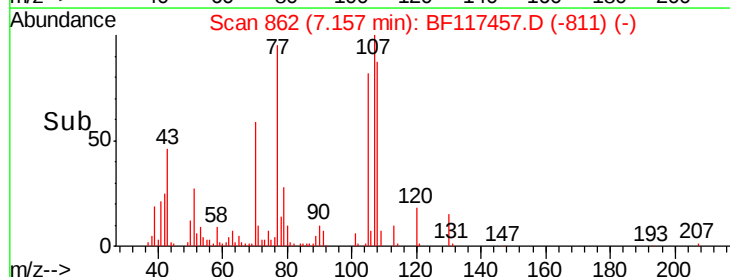
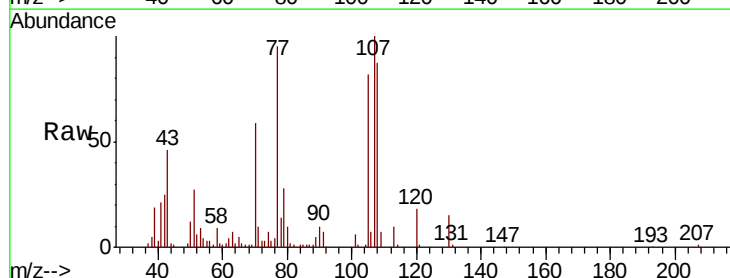
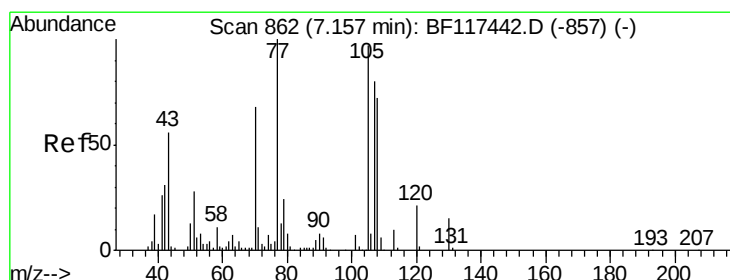
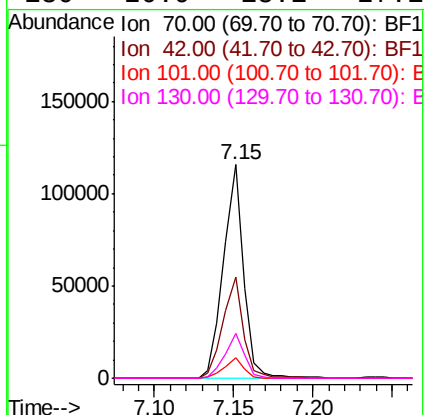
Ion Ratio Lower Upper

70 100

42 47.4 36.7 55.1

101 9.4 8.3 12.5

130 20.9 18.1 27.1



#20

3+4-Methylphenols

Concen: 28.998 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Tgt Ion:107 Resp: 147214

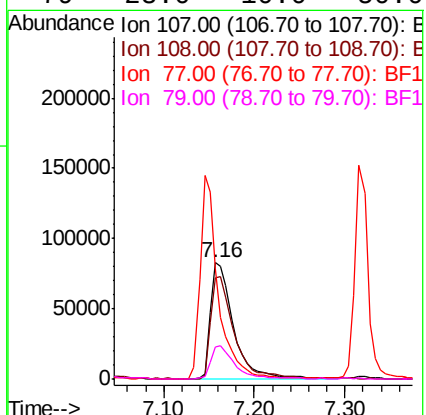
Ion Ratio Lower Upper

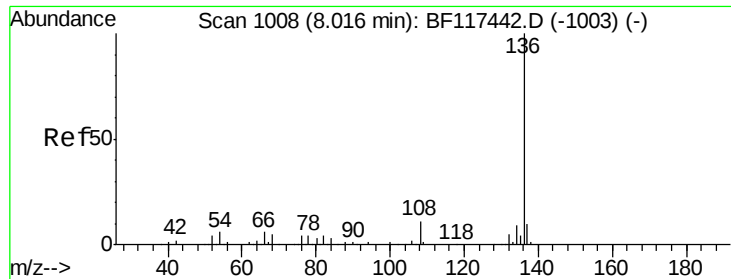
107 100

108 87.0 70.3 110.3

77 94.7 104.8 144.8#

79 28.0 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 281462

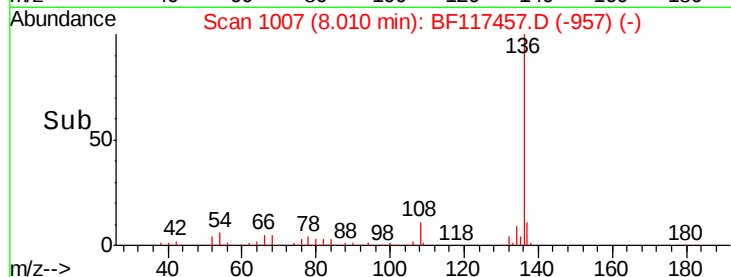
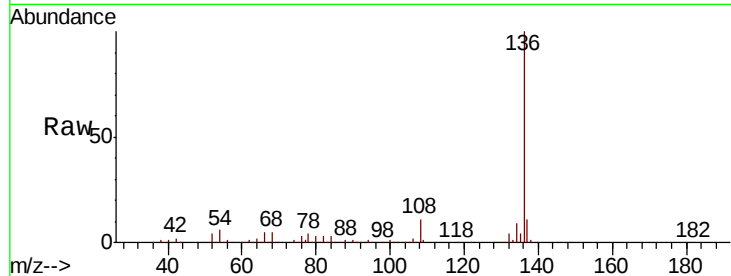
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 6.3 4.5 6.7

68 4.8 4.3 6.5

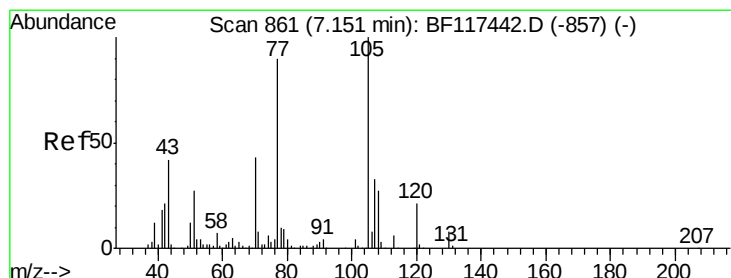
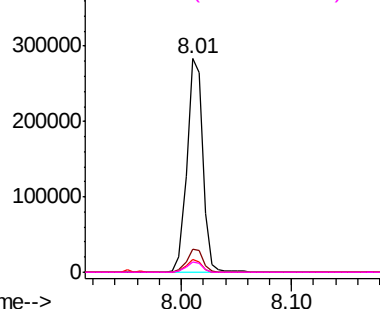


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.615 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Tgt Ion:105 Resp: 198918

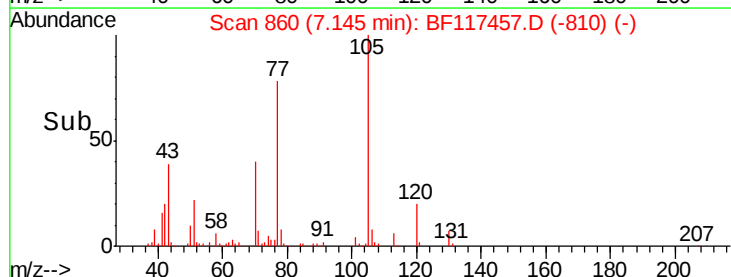
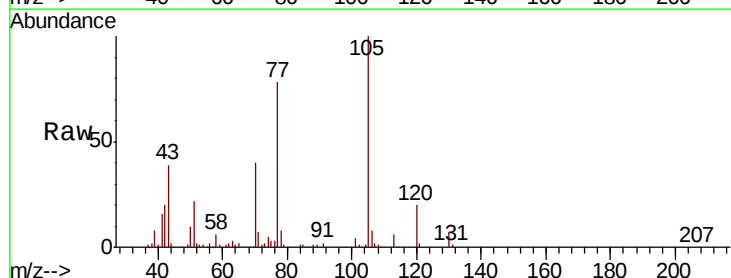
Ion Ratio Lower Upper

105 100

71 7.3 6.2 9.2

51 22.3 21.8 32.6

120 20.4 16.7 25.1

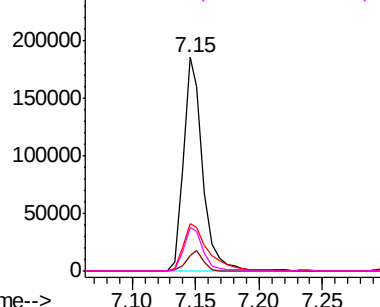


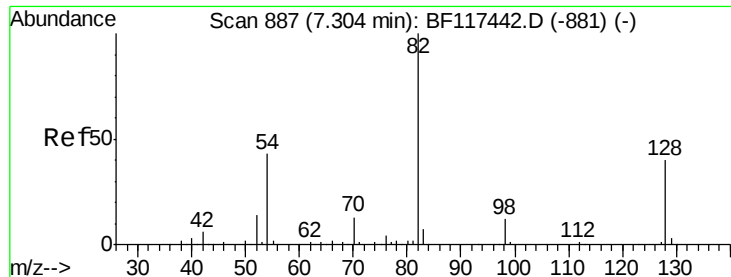
Abundance Ion 105.00 (104.70 to 105.70): E

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

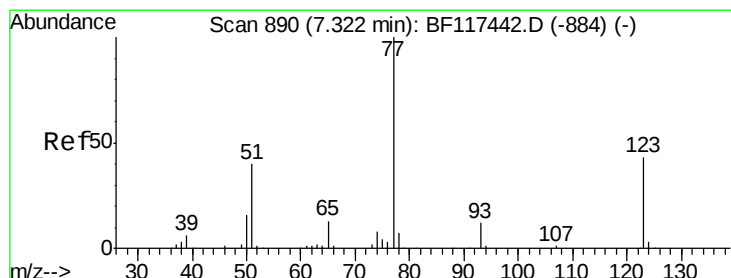
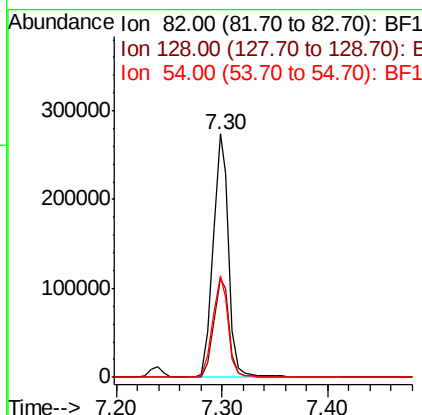
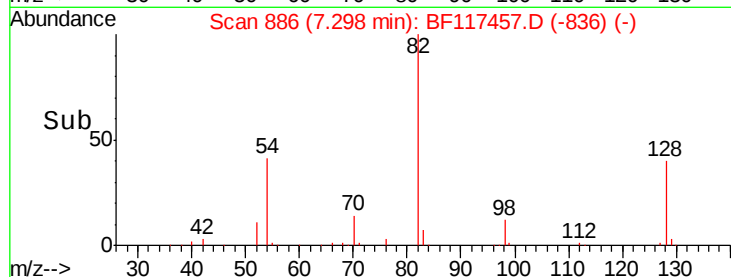
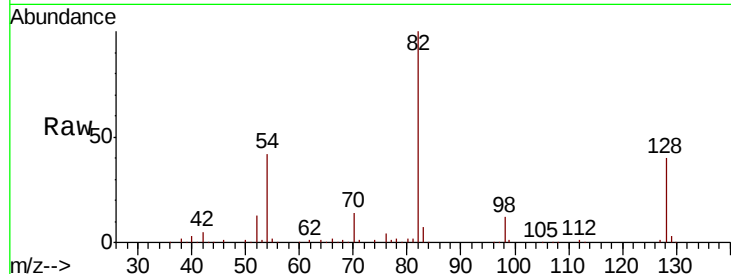




#23
Nitrobenzene-d5
Concen: 49.968 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

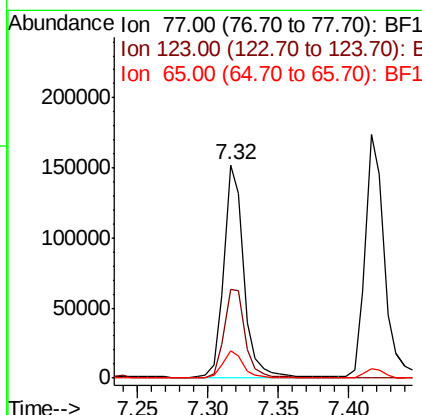
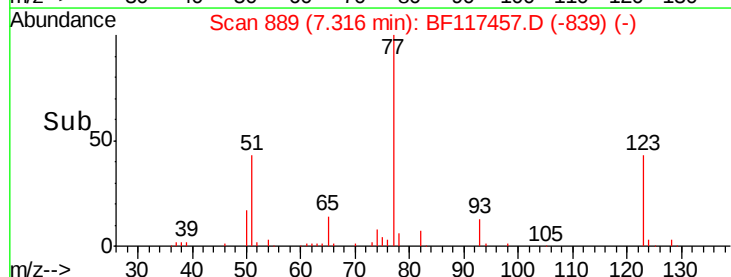
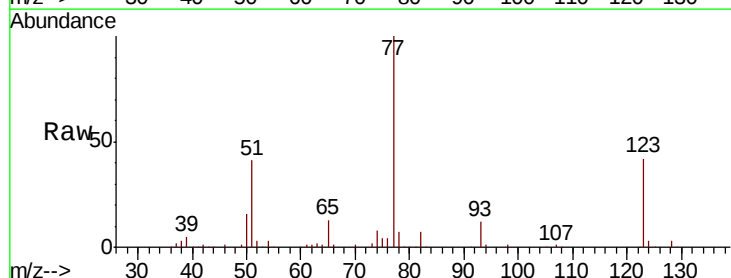
Instrument :
BNA_F
ClientSampleId :

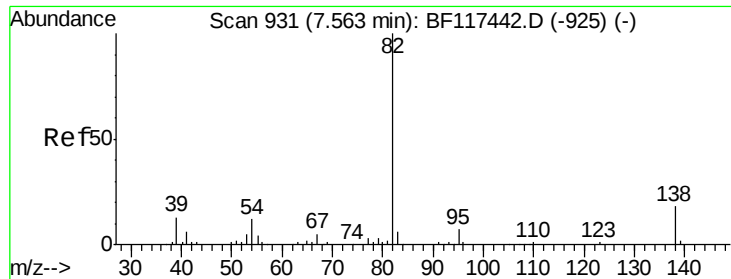
Tot Ion: 82 Resp: 284882
Ion Ratio Lower Upper
82 100
128 40.4 32.2 48.2
54 41.5 34.2 51.2



#24
Nitrobenzene
Concen: 27.619 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion: 77 Resp: 150820
Ion Ratio Lower Upper
77 100
123 41.8 34.2 51.2
65 13.0 10.3 15.5

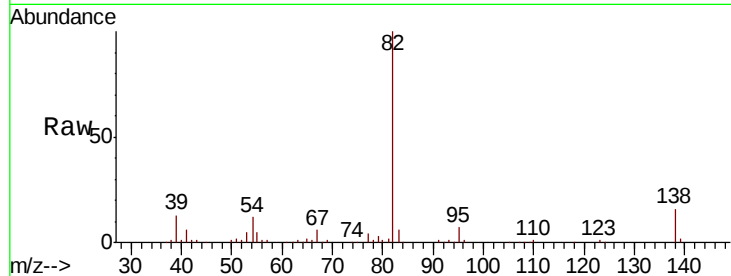




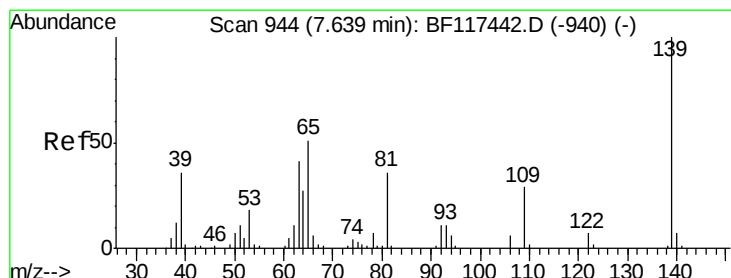
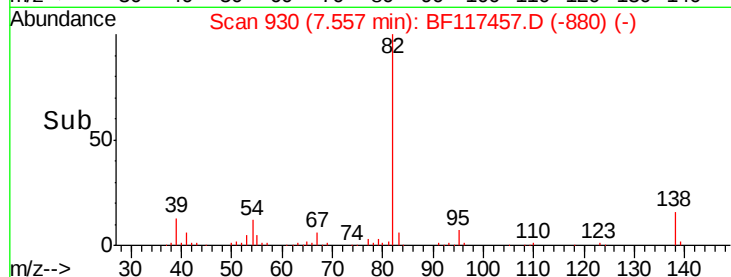
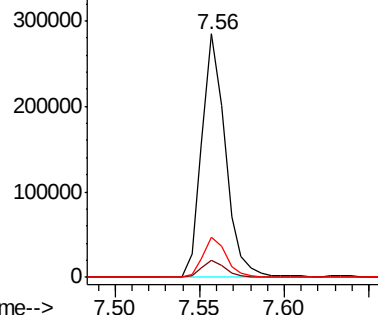
#25
Isophorone
Concen: 28.301 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 279124
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.2 14.2 21.2

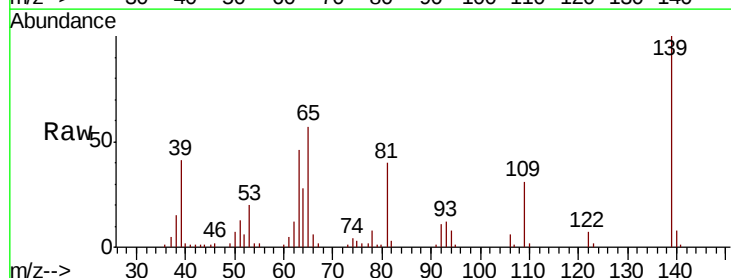


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

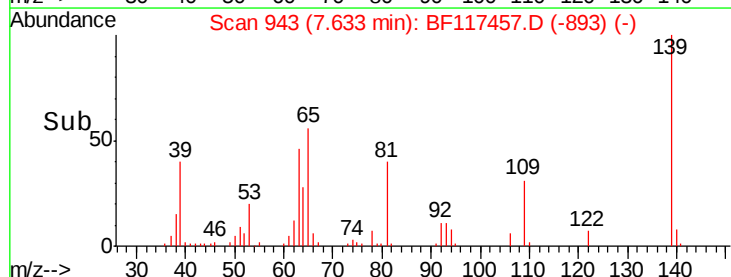
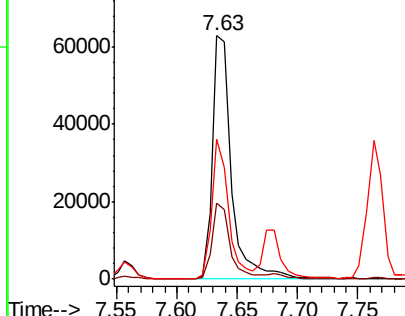


#26
2-Nitrophenol
Concen: 28.107 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion: 139 Resp: 68455
Ion Ratio Lower Upper
139 100
109 31.3 23.2 34.8
65 57.5 41.1 61.7



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





#27

2,4-Dimethylphenol

Concen: 31.167 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

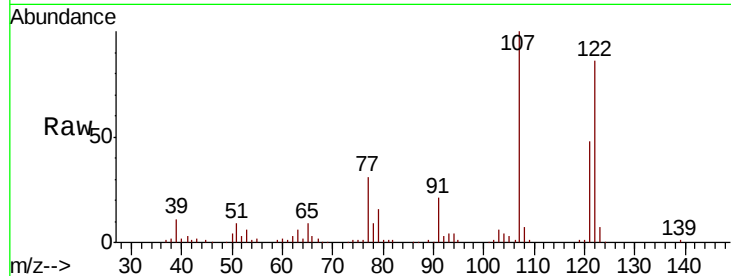
Tot Ion:122 Resp: 113439

Ion Ratio Lower Upper

122 100

107 116.2 96.8 145.2

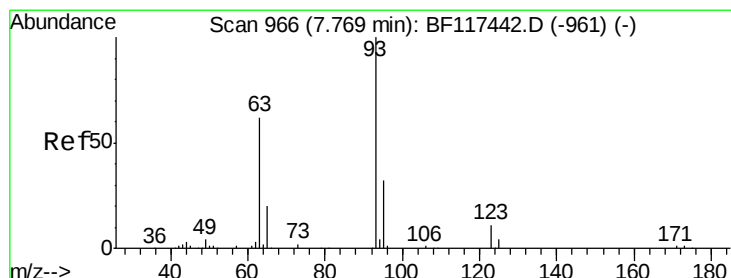
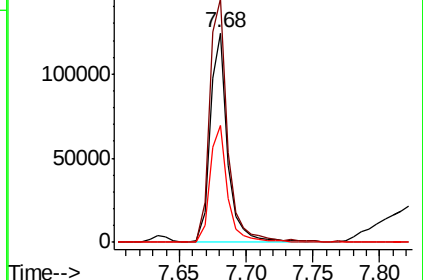
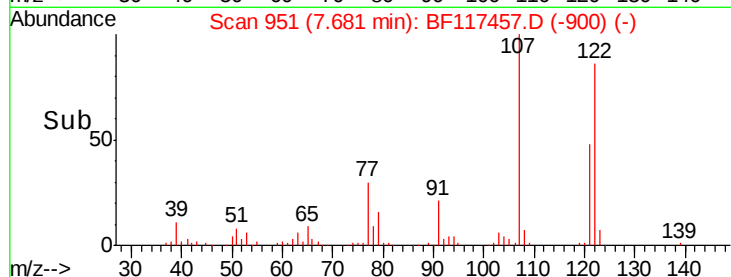
121 56.0 46.4 69.6



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: 27.263 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

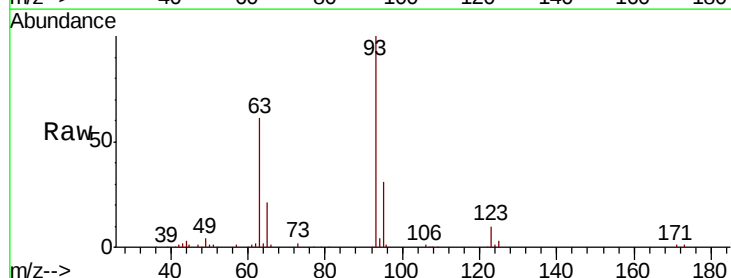
Tgt Ion: 93 Resp: 165918

Ion Ratio Lower Upper

93 100

95 31.1 25.5 38.3

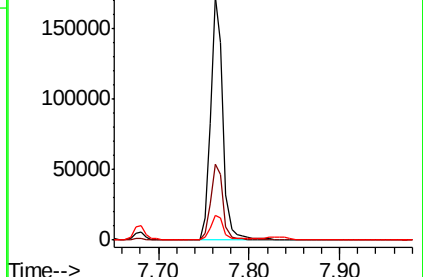
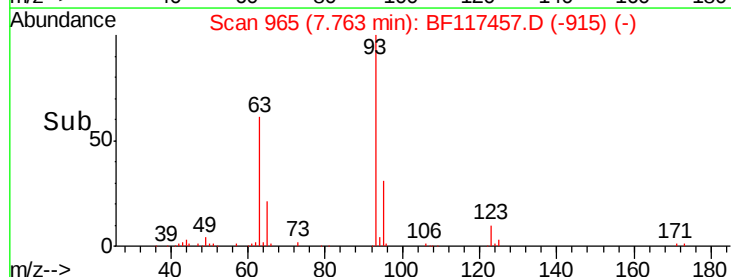
123 10.4 9.0 13.6

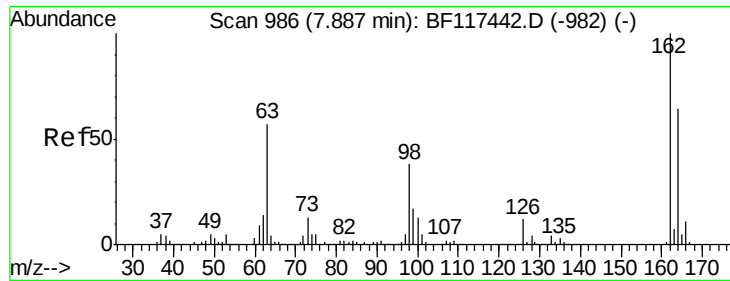


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

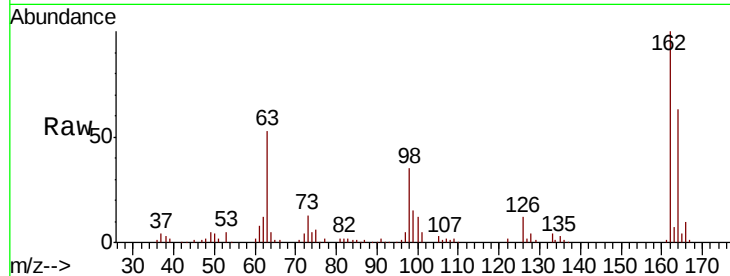




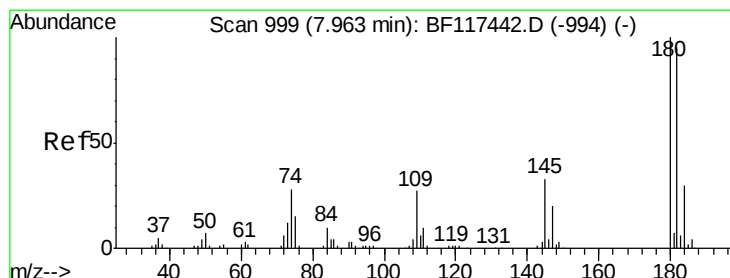
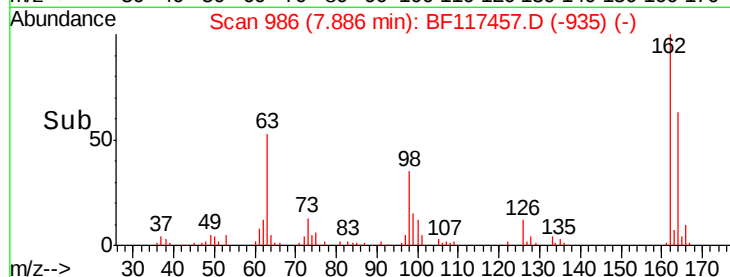
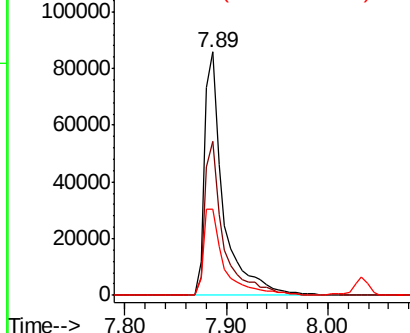
#29
 2,4-Dichlorophenol
 Concen: 28.792 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.4	84.4
98	35.4	18.2	58.2

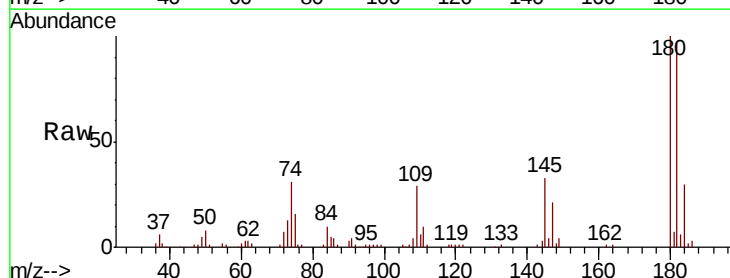


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

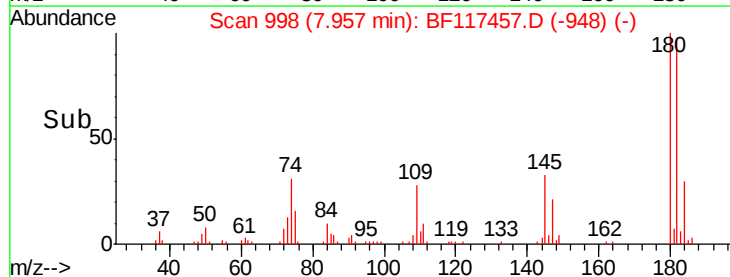
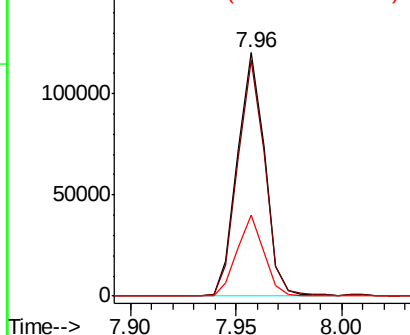


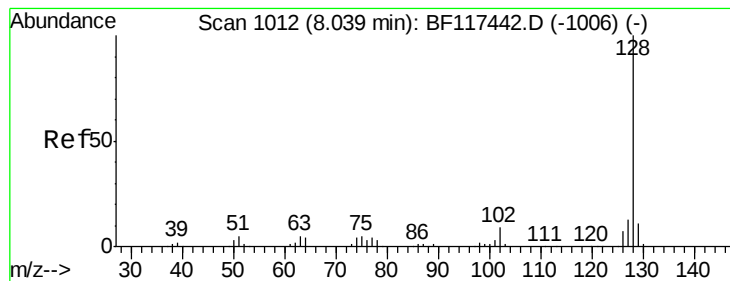
#30
 1,2,4-Trichlorobenzene
 Concen: 26.351 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.8
145	33.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.935 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampled :

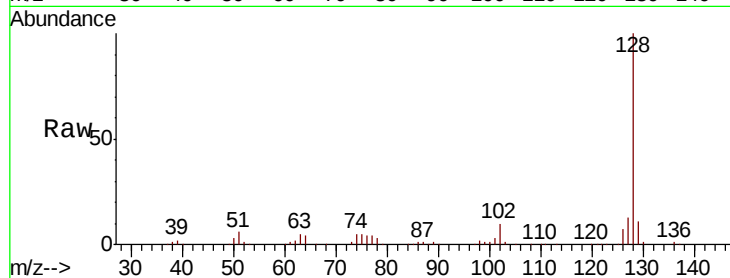
Tot Ion:128 Resp: 389724

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

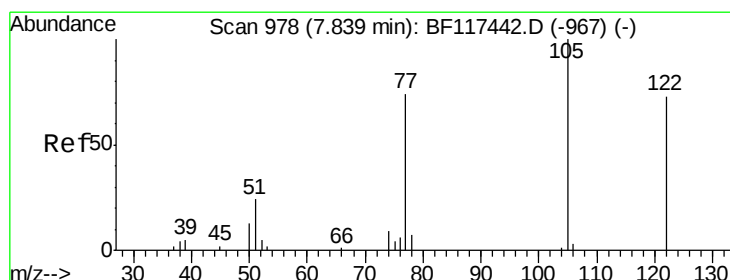
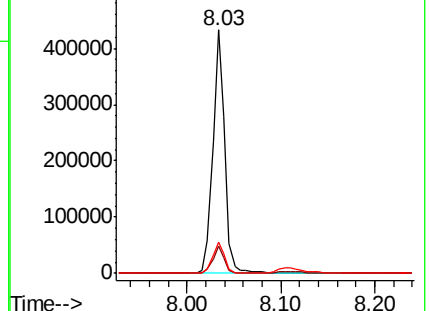
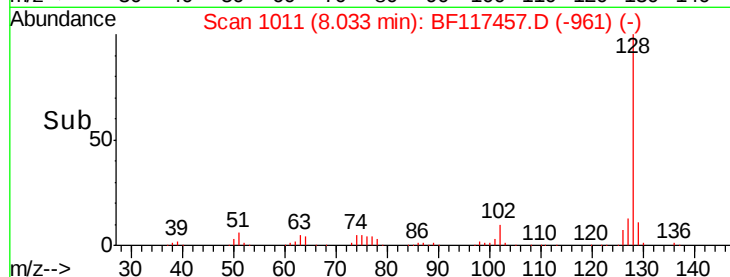
127 12.6 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.667 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

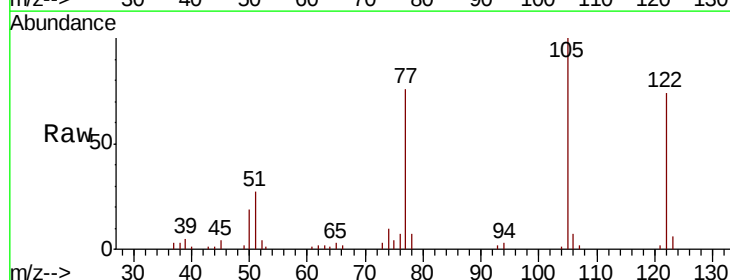
Tgt Ion:122 Resp: 73961

Ion Ratio Lower Upper

122 100

105 134.4 115.0 155.0

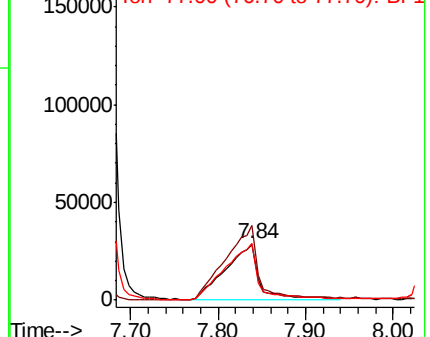
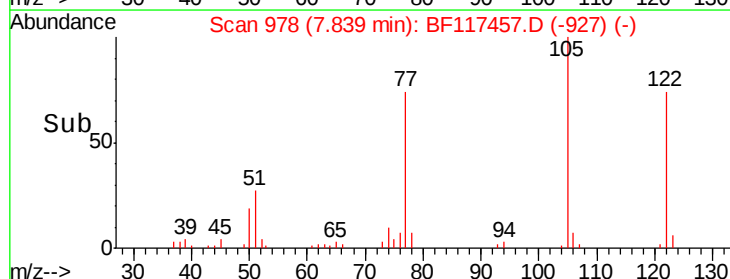
77 102.1 79.7 119.7

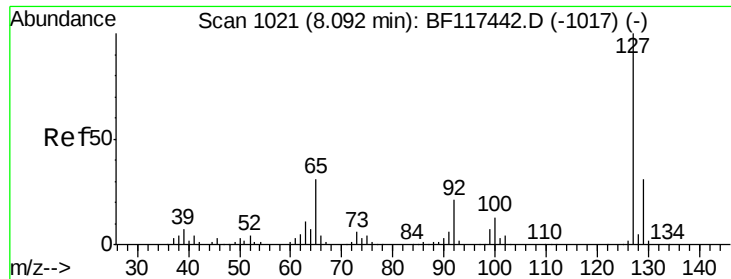


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

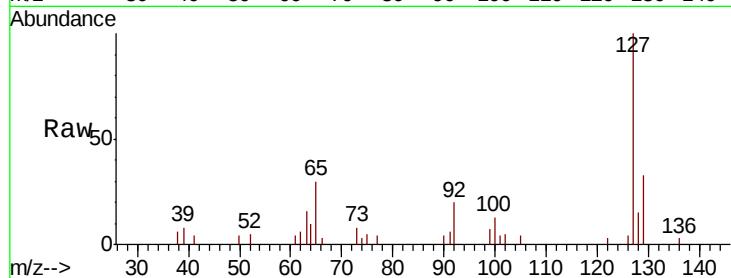




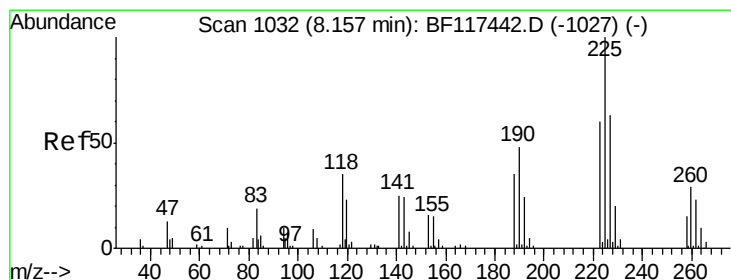
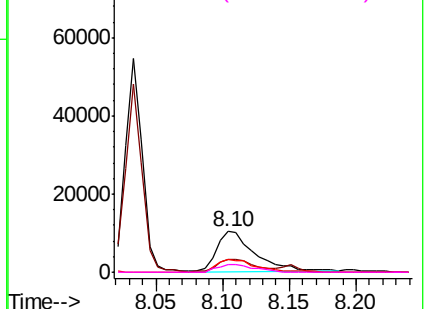
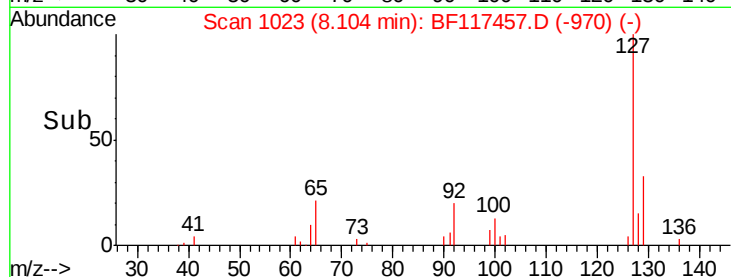
#33
4-Chloroaniline
Concen: 3.477 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	20472
Ion Ratio	Lower	Upper
127	100	
129	32.9	24.8 37.2
65	30.4	24.6 37.0
92	19.8	16.5 24.7

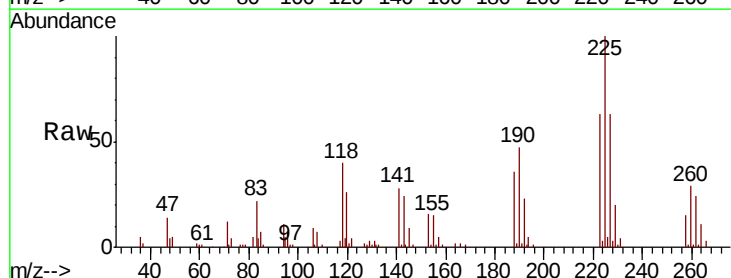


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

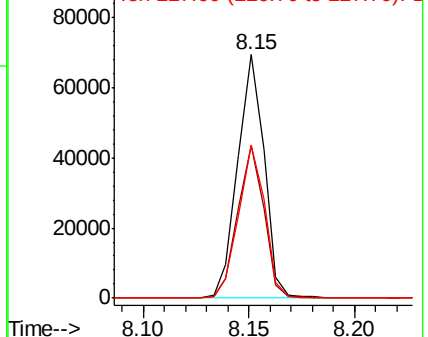
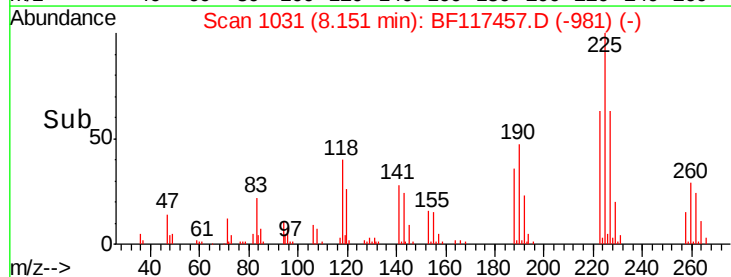


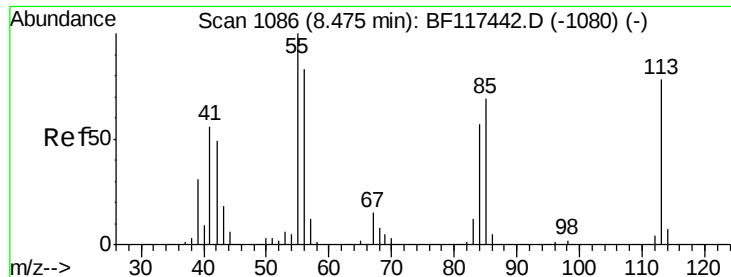
#34
Hexachlorobutadiene
Concen: 25.350 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:225	Resp:	60112
Ion Ratio	Lower	Upper
225	100	
223	62.9	48.2 72.4
227	62.8	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

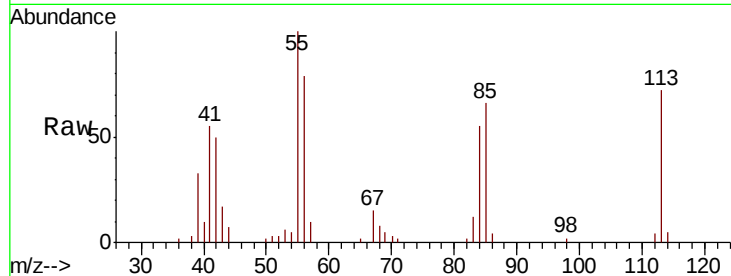




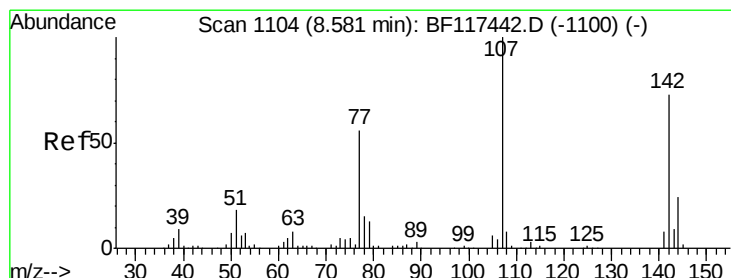
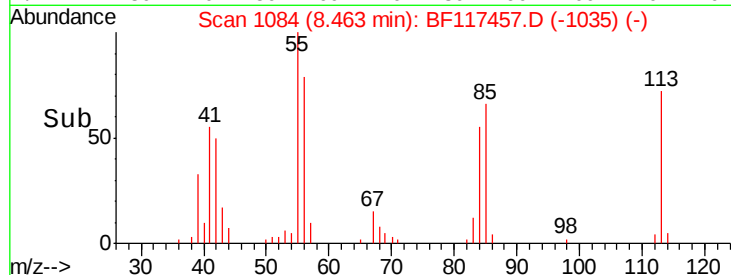
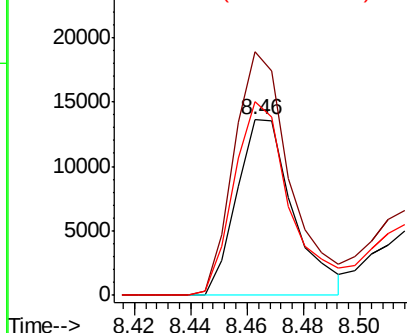
#35
 Caprolactam
 Concen: 15.427 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 18920
 Ion Ratio Lower Upper
 113 100
 55 138.9 108.8 148.8
 56 110.3 87.2 127.2

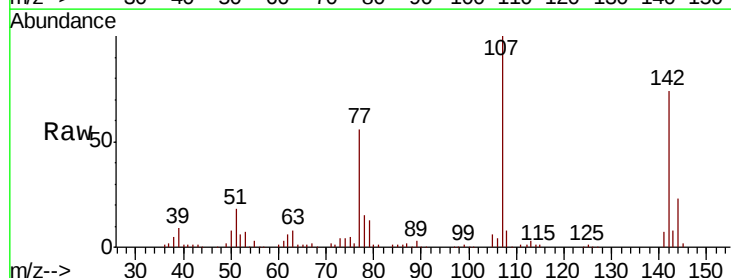


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

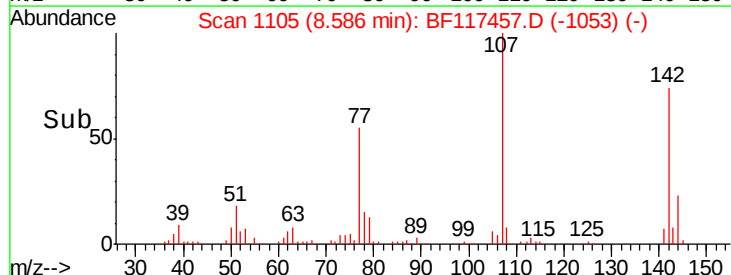
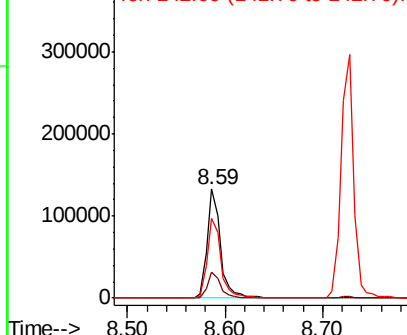


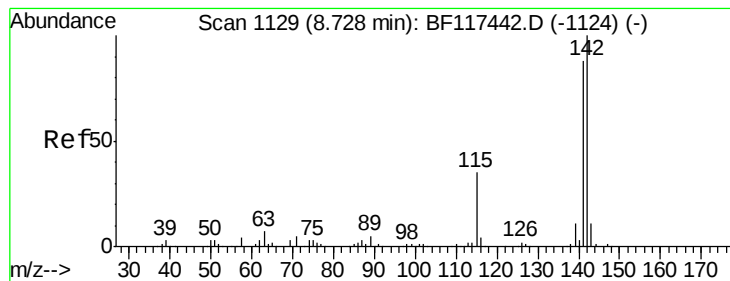
#36
 4-Chloro-3-methylphenol
 Concen: 29.456 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion:107 Resp: 128249
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.9 28.3
 142 73.5 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: 28.479 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

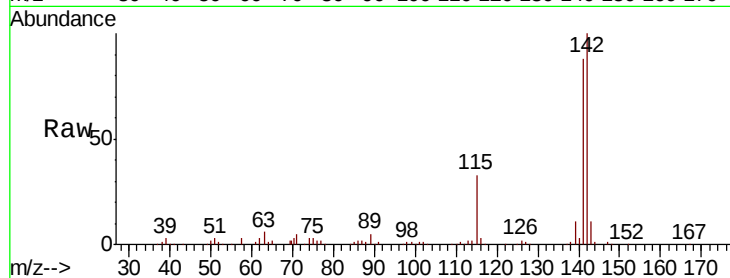
Tot Ion:142 Resp: 267721

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5

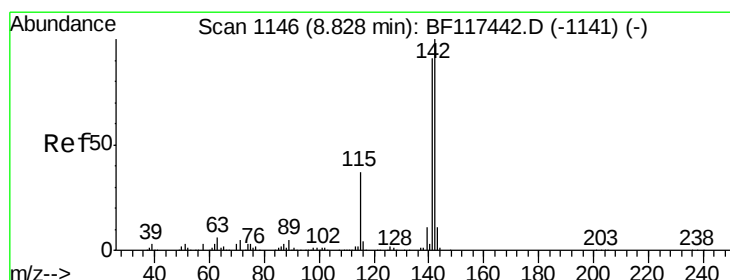
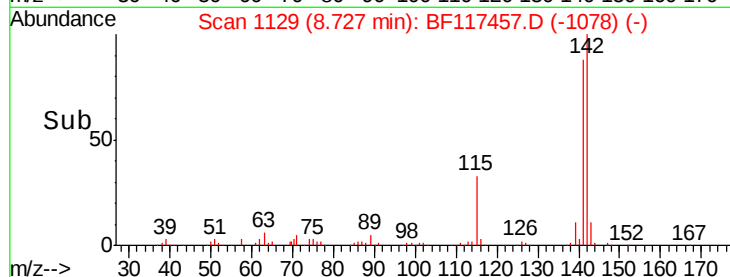
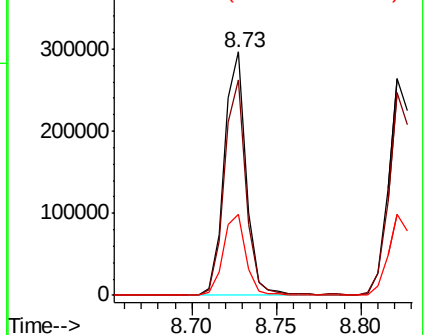
115 33.1 28.2 42.2



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: 28.126 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

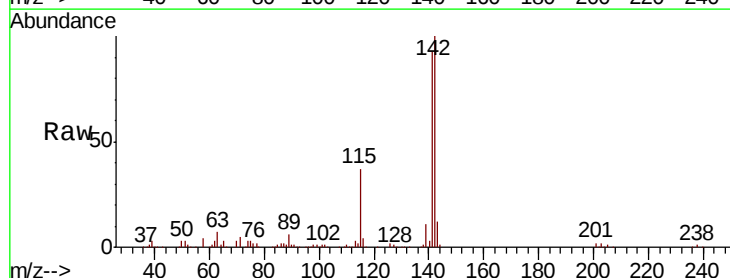
Tgt Ion:142 Resp: 248450

Ion Ratio Lower Upper

142 100

141 93.3 73.3 109.9

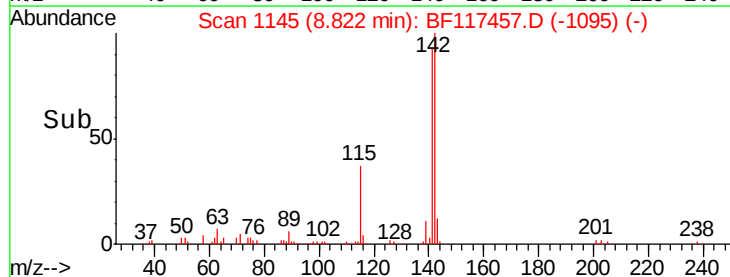
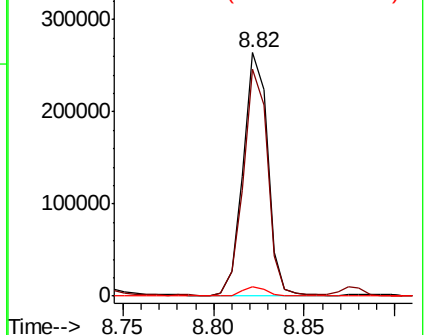
116 3.7 3.1 4.7

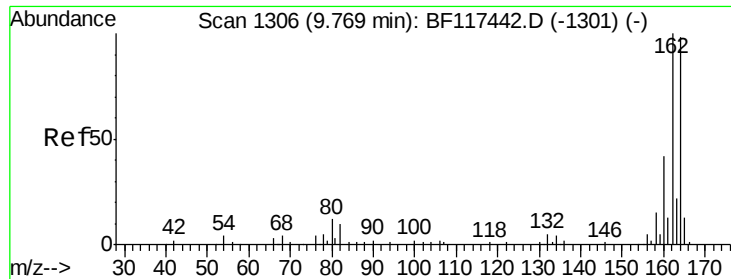


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

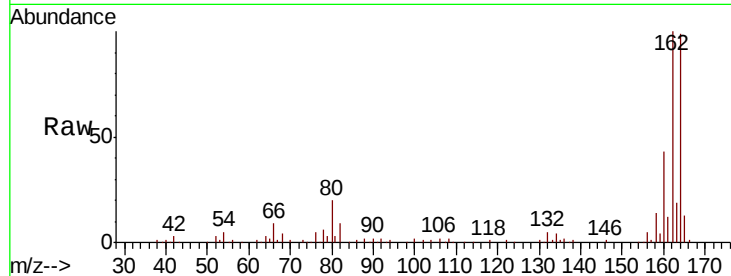




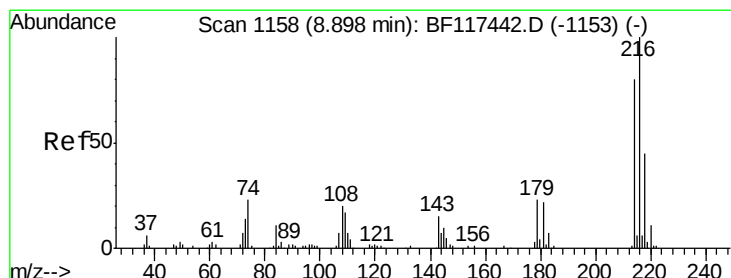
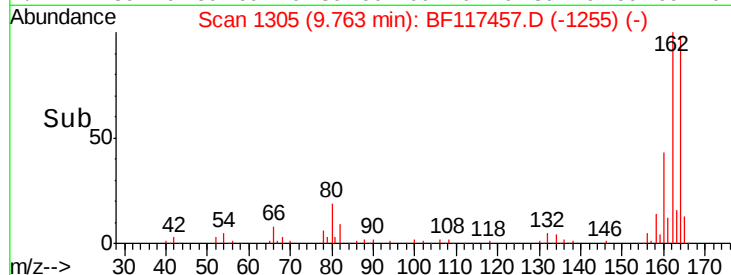
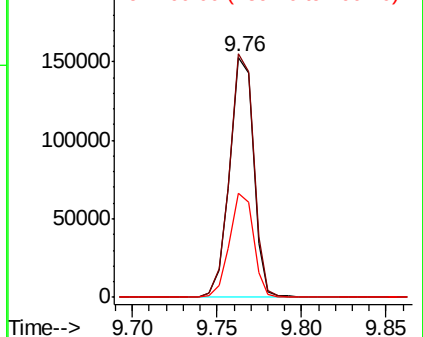
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 150379
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.6
 160 43.4 34.4 51.6

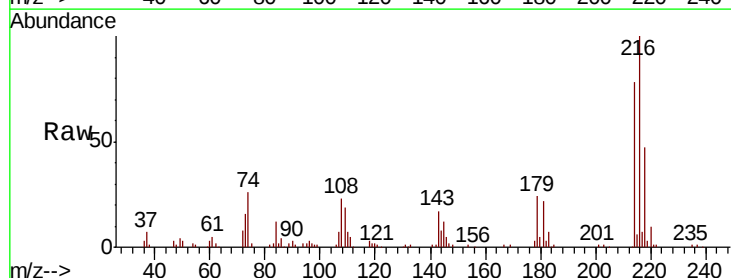


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

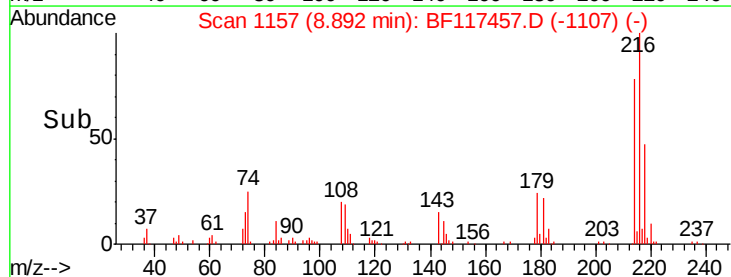
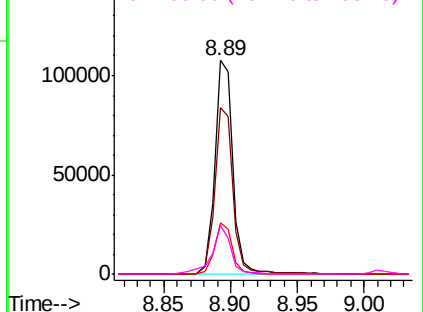


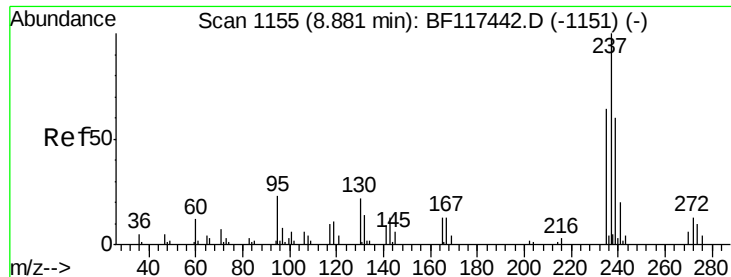
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.271 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion:216 Resp: 102354
 Ion Ratio Lower Upper
 216 100
 214 78.3 62.4 93.6
 179 23.2 18.1 27.1
 108 23.0 16.6 24.8



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.094 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

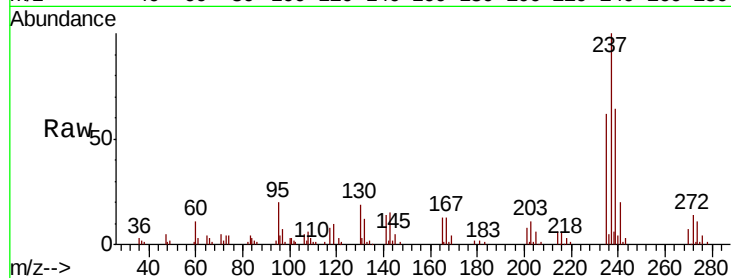
Tot Ion:237 Resp: 59055

Ion Ratio Lower Upper

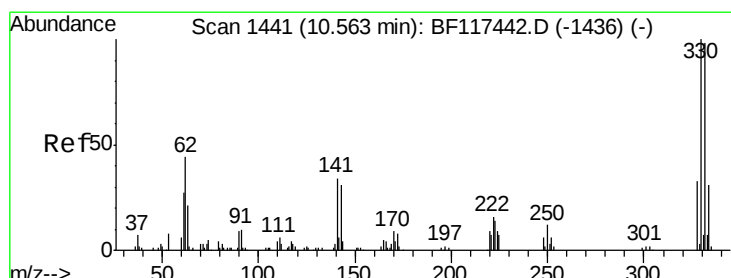
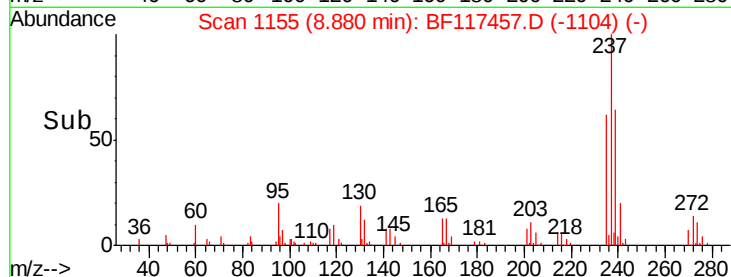
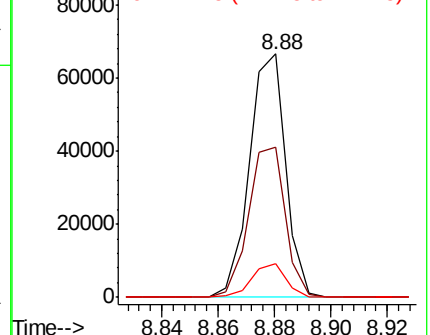
237 100

235 61.8 44.3 84.3

272 13.8 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 77.658 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

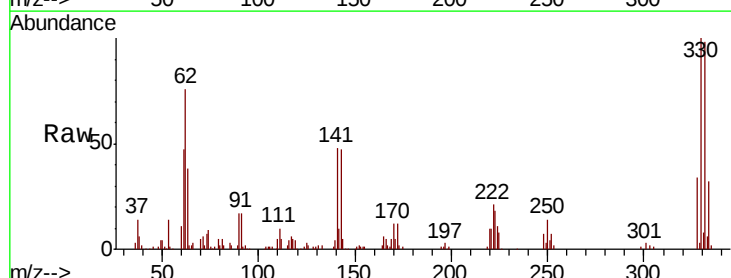
Tgt Ion:330 Resp: 101046

Ion Ratio Lower Upper

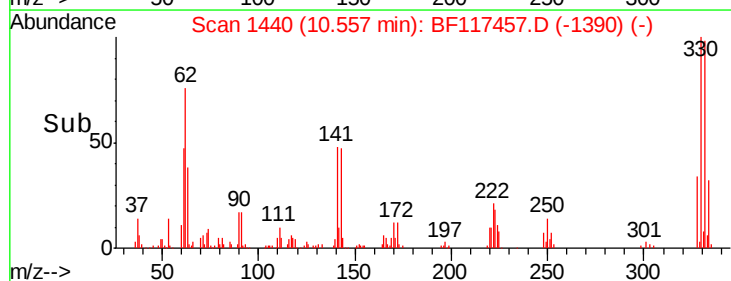
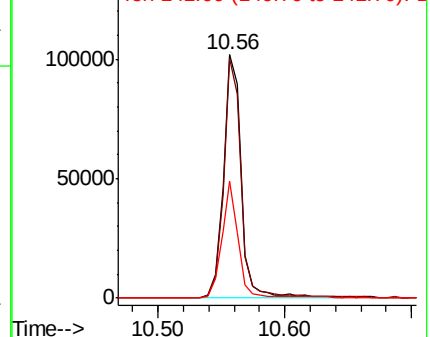
330 100

332 96.3 78.5 117.7

141 44.1 37.0 55.6



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

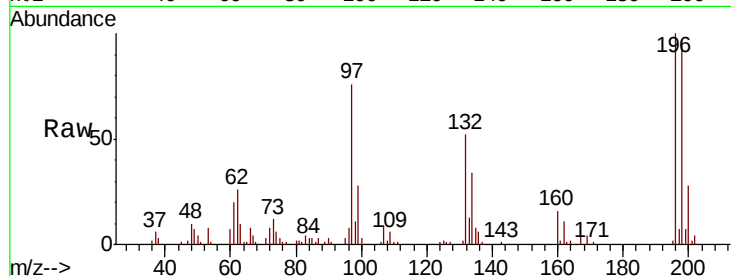




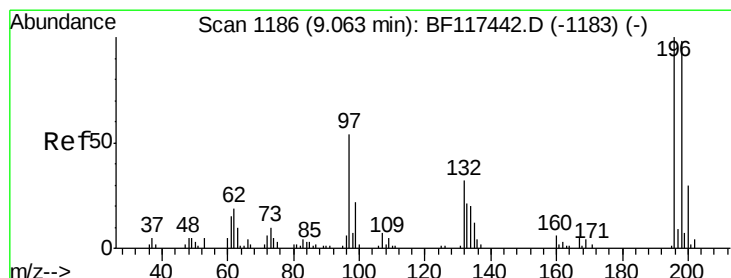
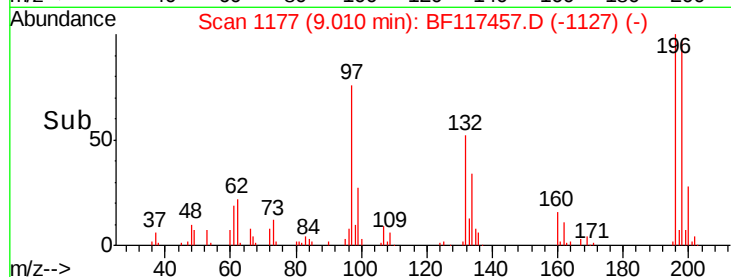
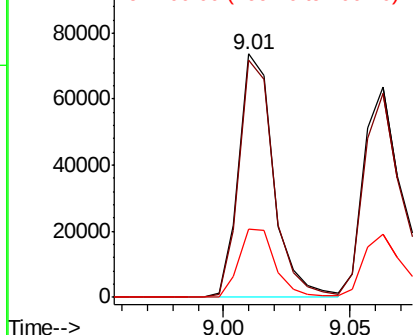
#43
 2,4,6-Trichlorophenol
 Concen: 27.840 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 70613
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.1 111.1
 200 28.0 23.9 35.9



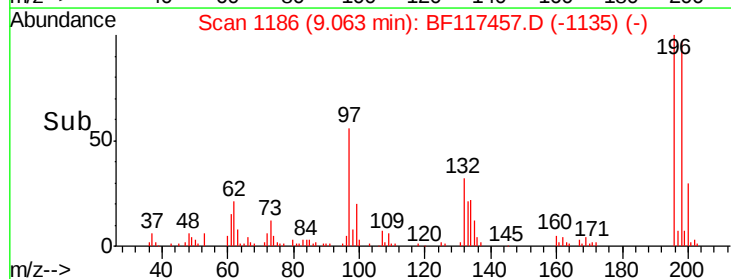
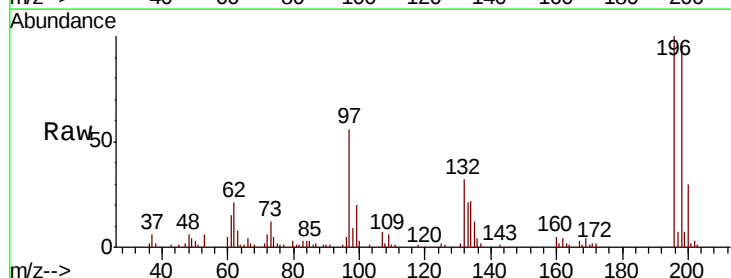
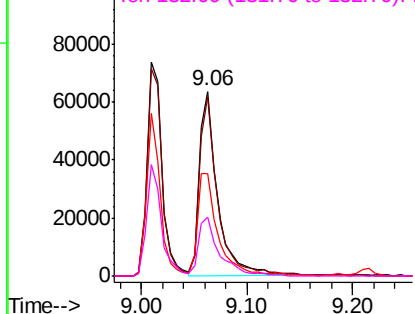
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

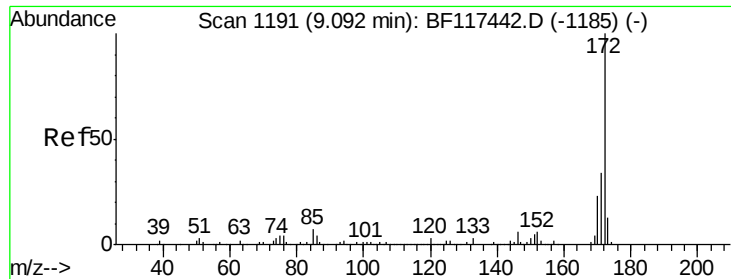


#44
 2,4,5-Trichlorophenol
 Concen: 29.412 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion:196 Resp: 75595
 Ion Ratio Lower Upper
 196 100
 198 97.1 78.6 117.8
 97 55.6 43.4 65.2
 132 31.9 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

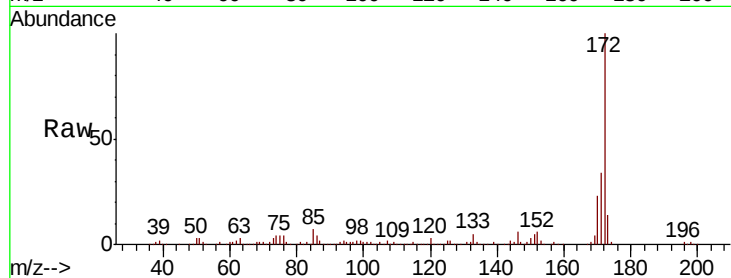




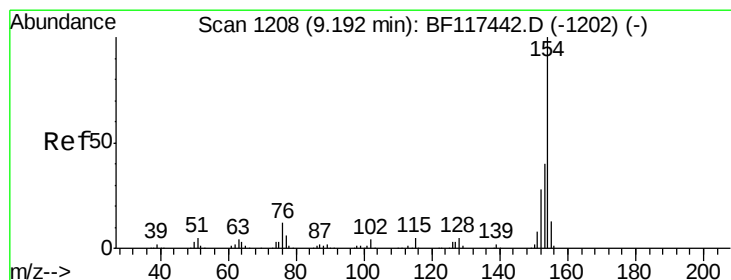
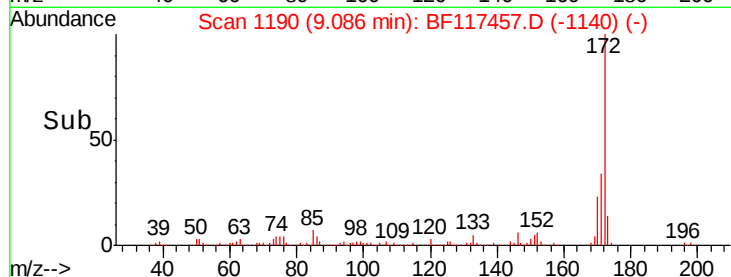
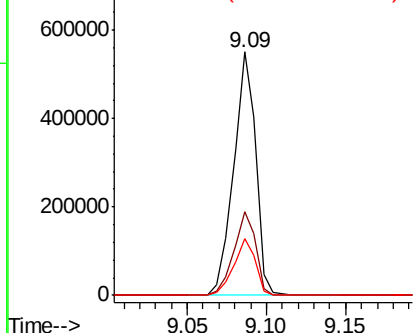
#45
2-Fluorobiphenyl
Concen: 49.578 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 529140
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 23.2 18.6 27.8

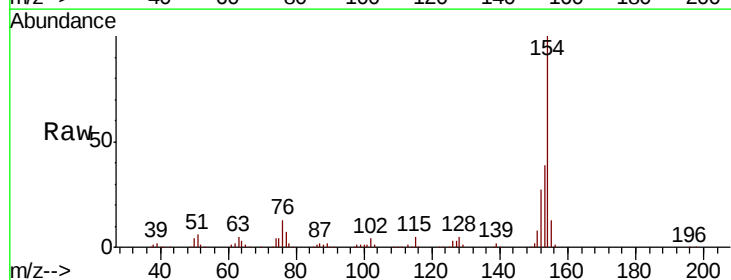


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

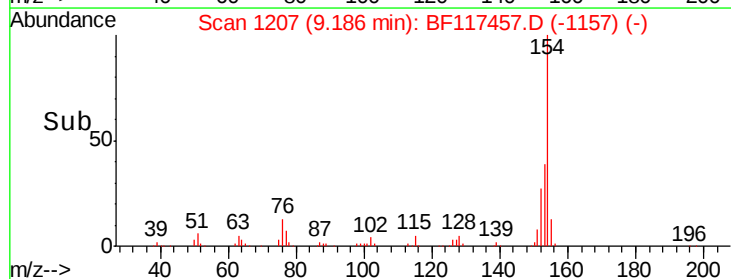
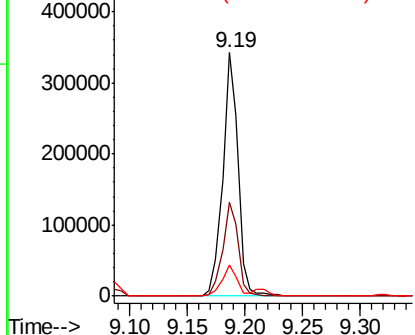


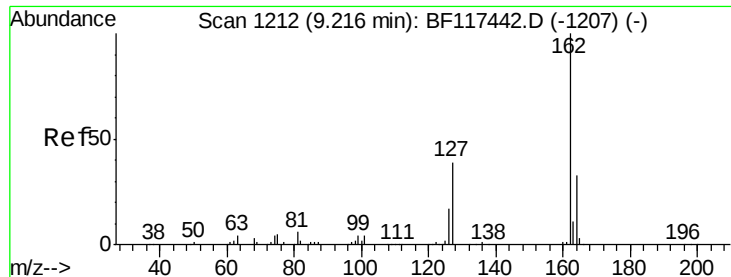
#46
1,1'-Biphenyl
Concen: 25.309 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:154 Resp: 315082
Ion Ratio Lower Upper
154 100
153 38.7 20.2 60.2
76 12.8 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

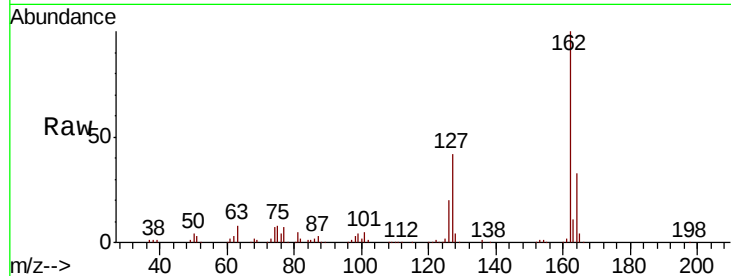




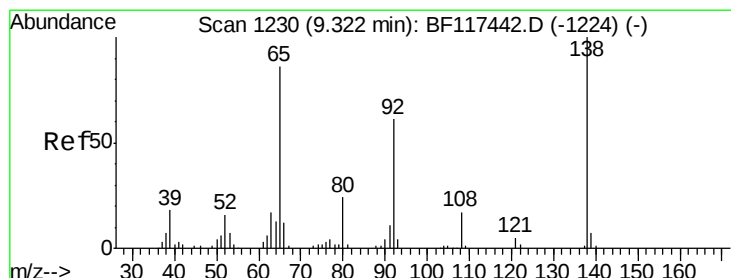
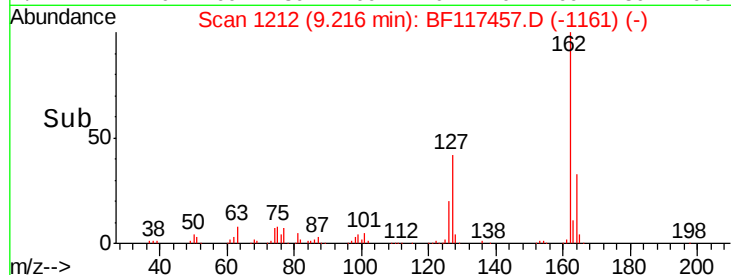
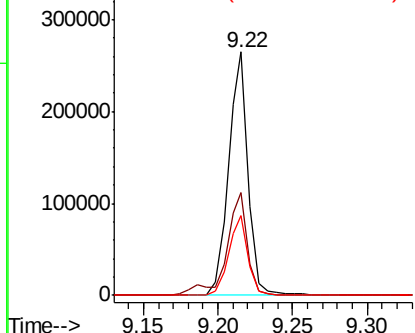
#47
 2-Chloronaphthalene
 Concen: 25.999 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.2	51.4
164	33.0	26.4	39.6

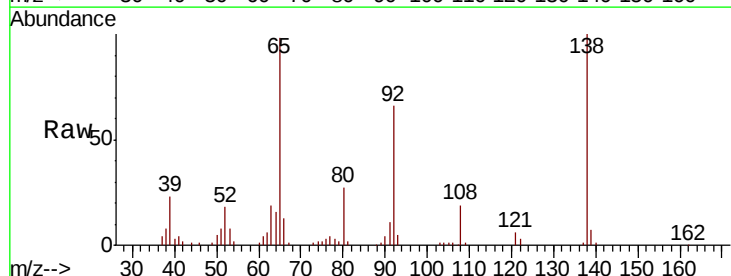


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

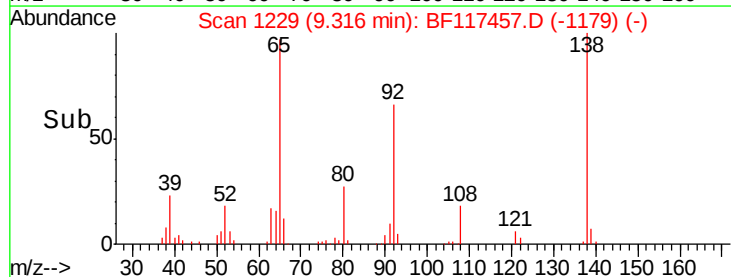
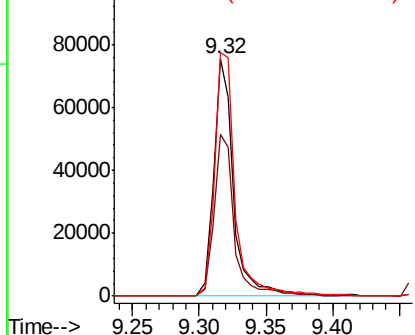


#48
 2-Nitroaniline
 Concen: 25.515 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	57.3	85.9
138	102.5	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: 28.023 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampled :

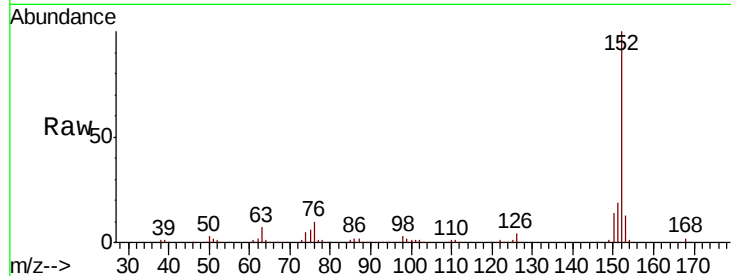
Tot Ion:152 Resp: 386370

Ion Ratio Lower Upper

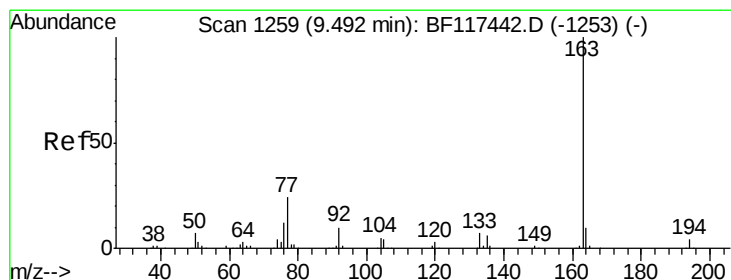
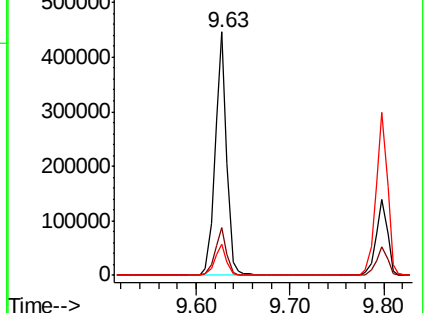
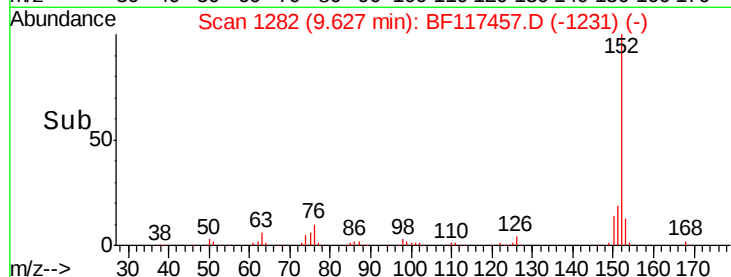
152 100

151 19.4 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: 28.149 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

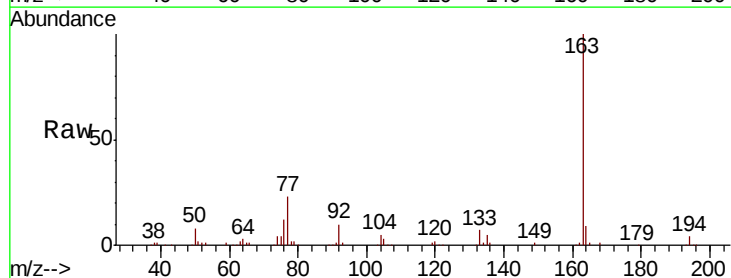
Tgt Ion:163 Resp: 301768

Ion Ratio Lower Upper

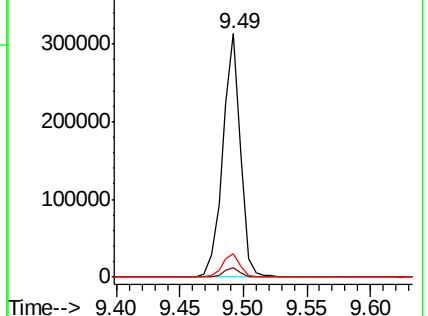
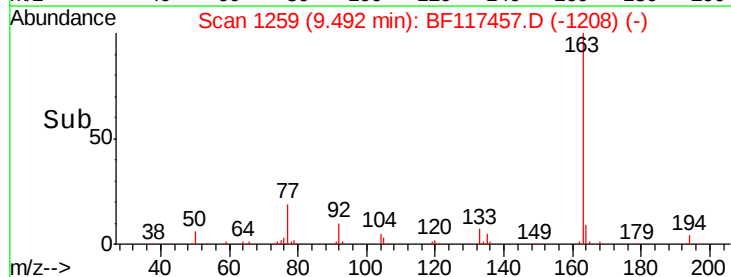
163 100

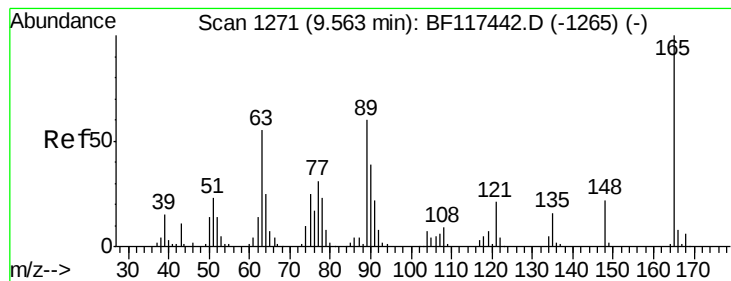
194 3.6 2.9 4.3

164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 28.232 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

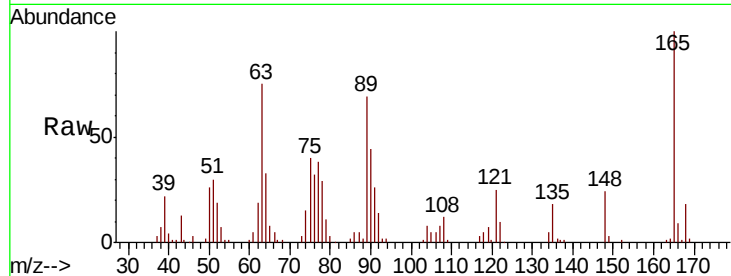
Tot Ion:165 Resp: 63158

Ion Ratio Lower Upper

165 100

63 74.7 43.8 65.8#

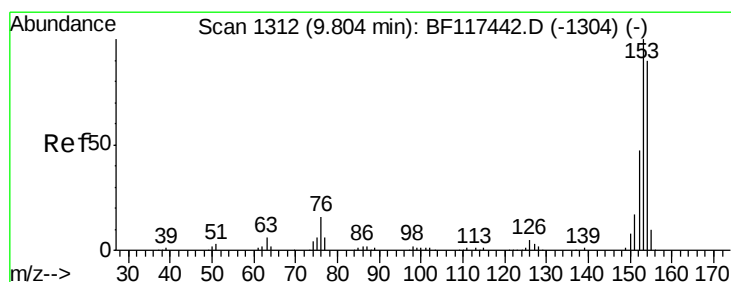
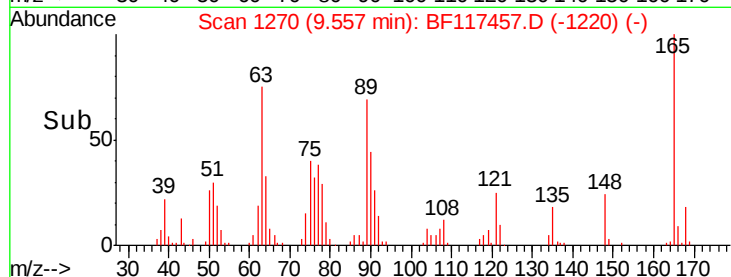
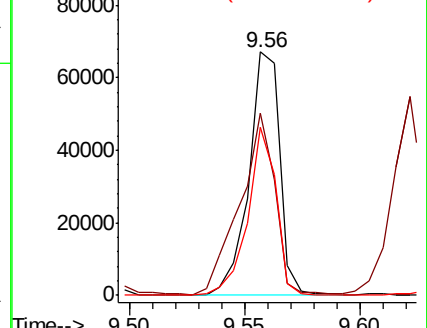
89 69.2 47.6 71.4



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: 26.709 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

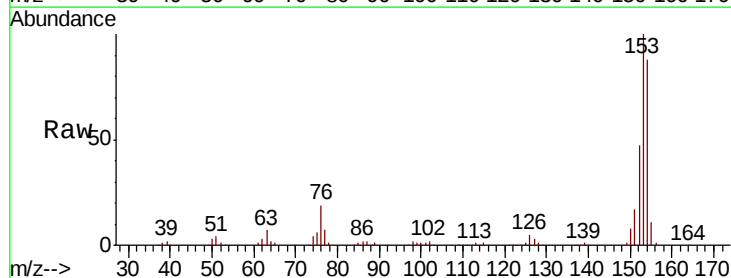
Tgt Ion:154 Resp: 225928

Ion Ratio Lower Upper

154 100

153 113.2 89.2 133.8

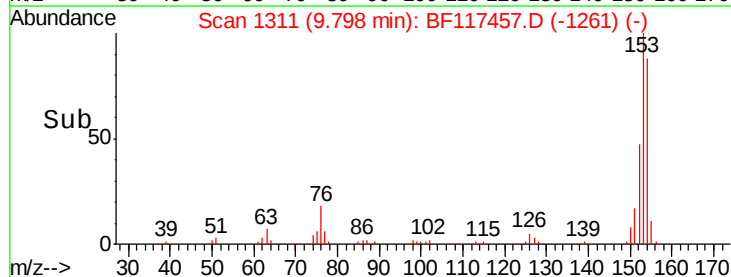
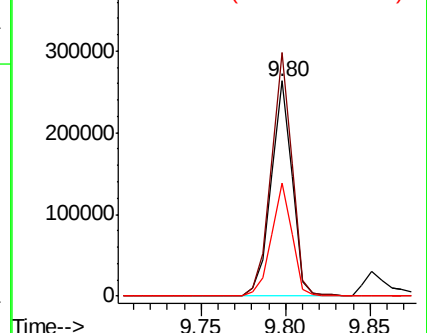
152 52.8 41.8 62.6

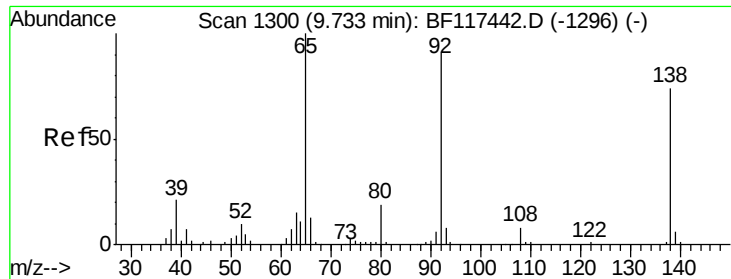


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

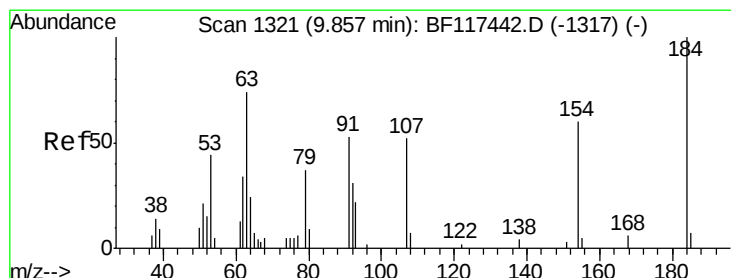
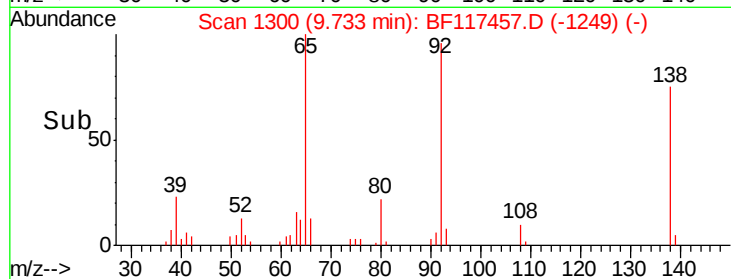
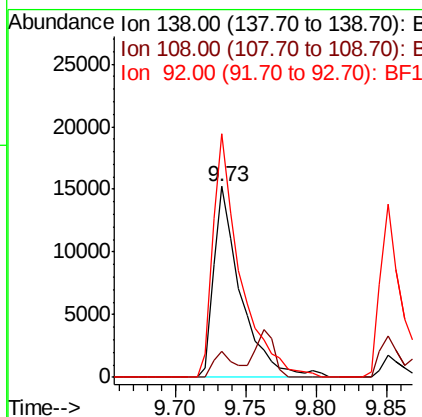
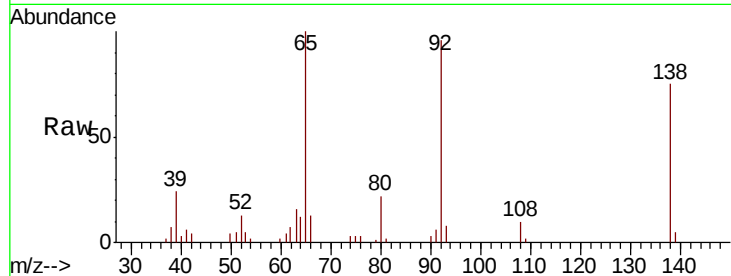




#53
 3-Nitroaniline
 Concen: 7.504 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

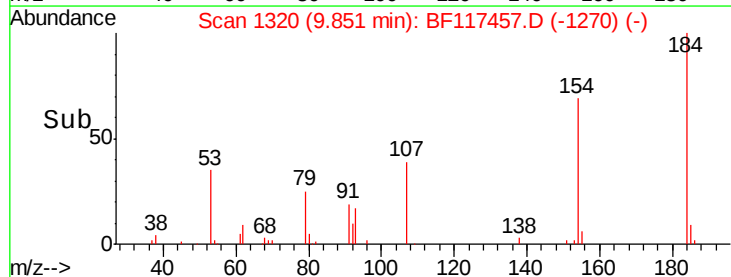
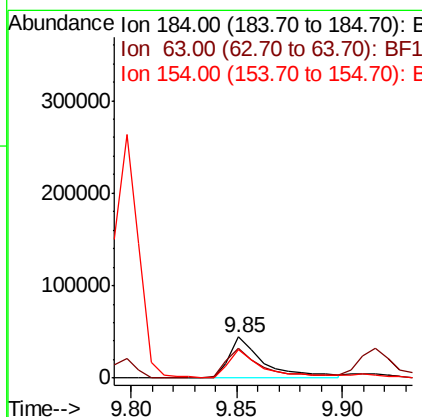
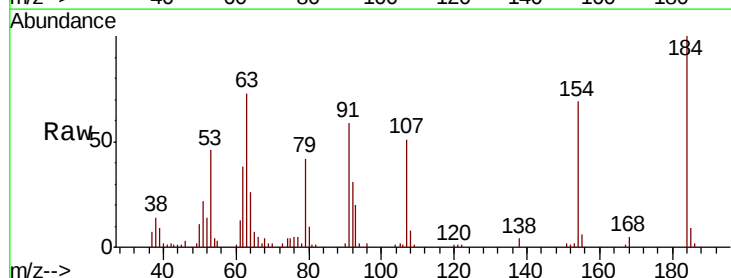
Instrument :
 BNA_F
 ClientSampled :

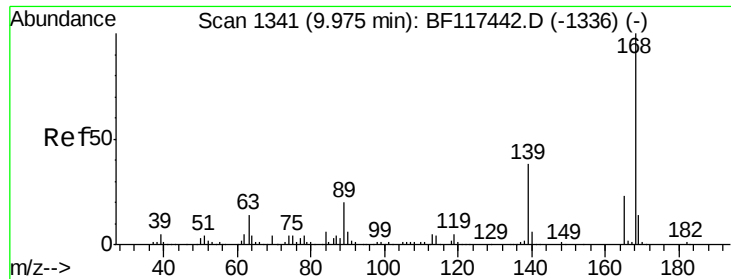
Tot Ion:138 Resp: 20368
 Ion Ratio Lower Upper
 138 100
 108 13.6 8.7 13.1#
 92 127.8 98.4 147.6



#54
 2,4-Dinitrophenol
 Concen: 56.146 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion:184 Resp: 50645
 Ion Ratio Lower Upper
 184 100
 63 73.5 59.2 88.8
 154 69.2 53.4 80.0

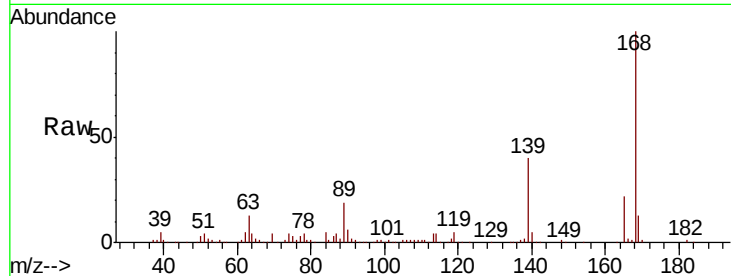




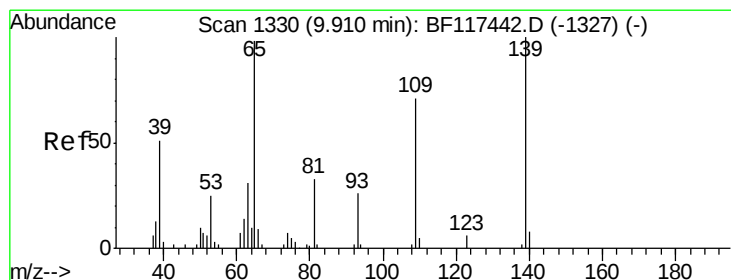
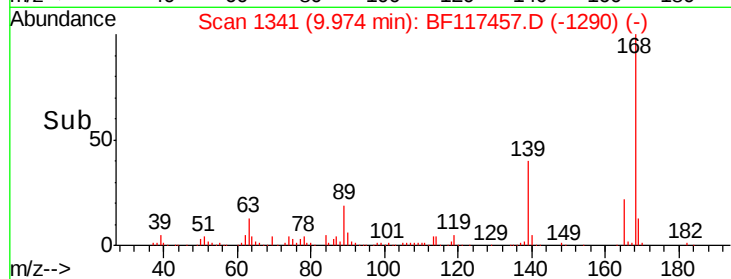
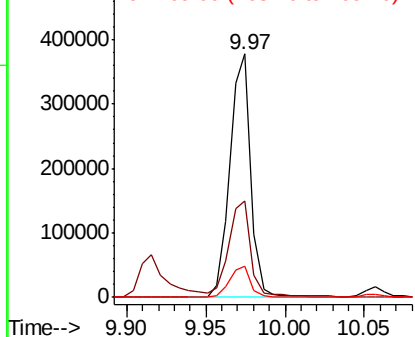
#55
Dibenzenofuran
Concen: 28.132 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 344768
Ion Ratio Lower Upper
168 100
139 39.7 31.8 47.6
169 12.5 11.2 16.8

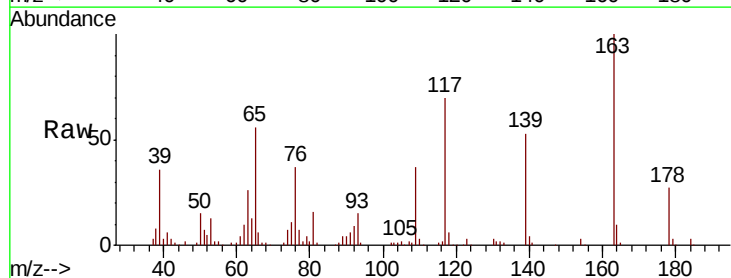


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

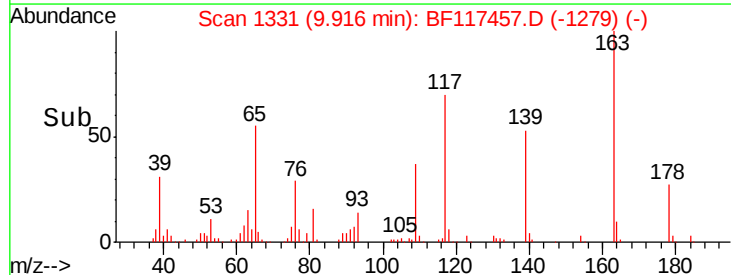
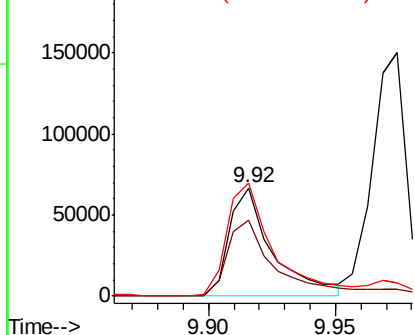


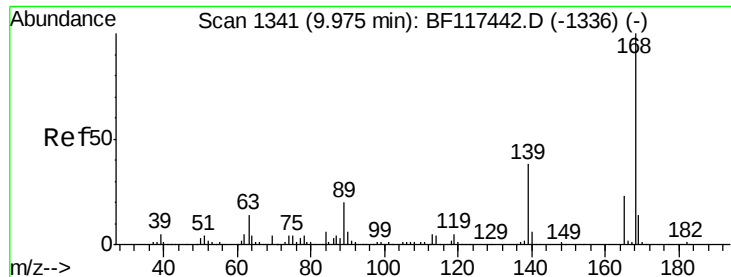
#56
4-Nitrophenol
Concen: 64.457 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:139 Resp: 79478
Ion Ratio Lower Upper
139 100
109 70.1 51.4 91.4
65 104.4 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

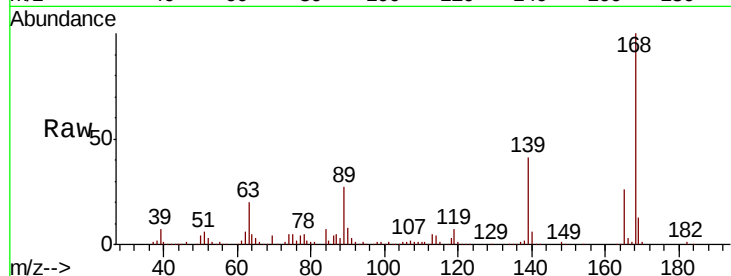




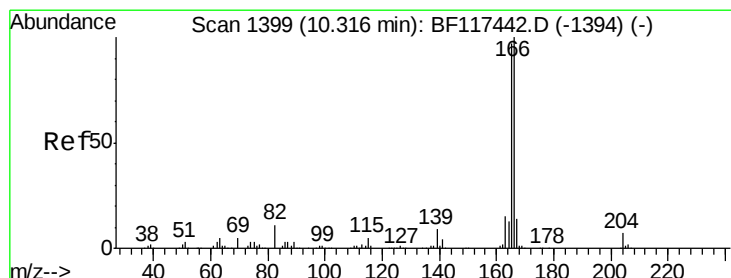
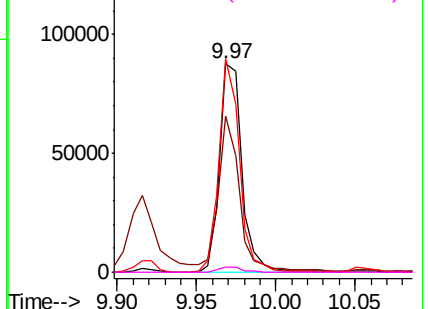
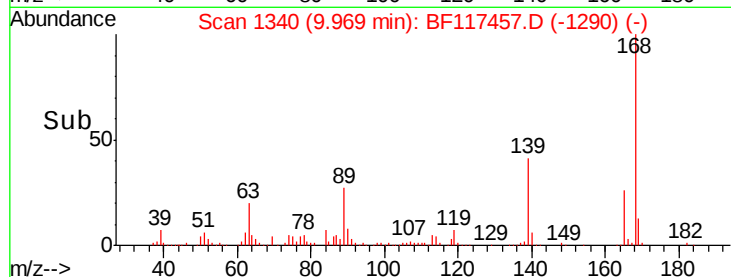
#57
2,4-Dinitrotoluene
Concen: 28.789 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 85625
Ion Ratio Lower Upper
165 100
63 75.3 51.4 77.0
89 102.6 69.9 104.9
182 2.4 1.9 2.9

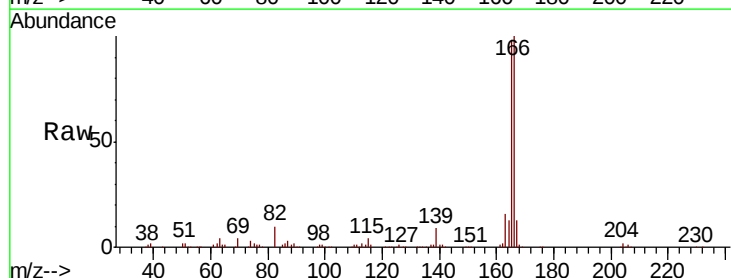


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

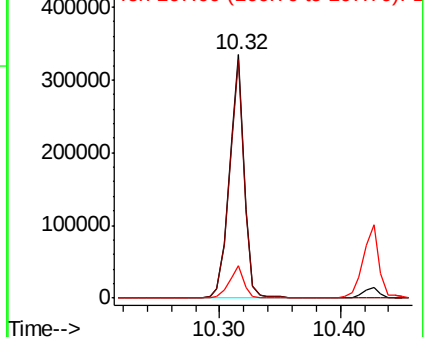
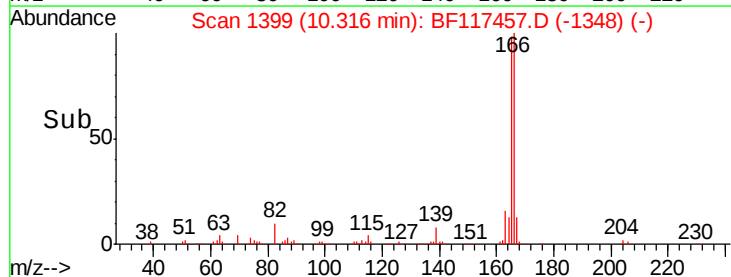


#58
Fluorene
Concen: 28.025 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:166 Resp: 284021
Ion Ratio Lower Upper
166 100
165 98.1 77.6 116.4
167 13.1 11.0 16.4



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

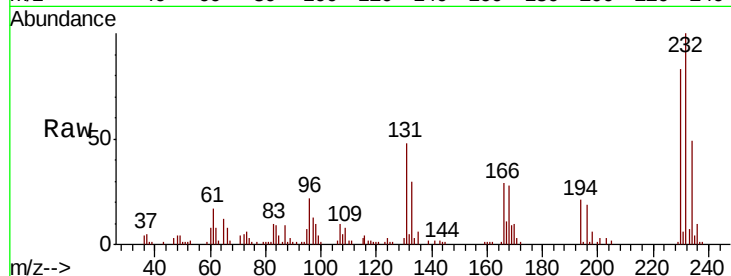




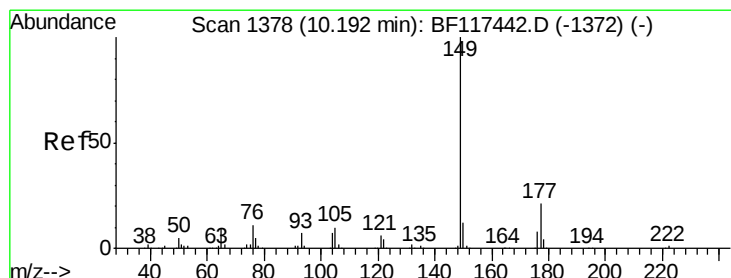
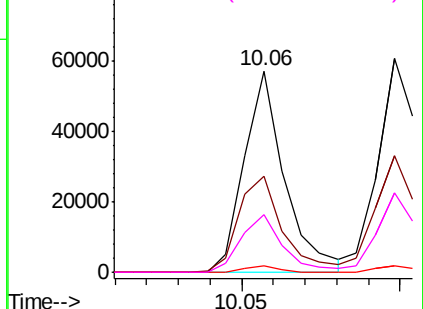
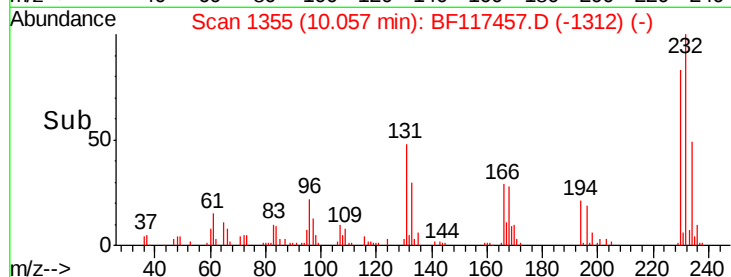
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.107 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.05 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 50718
Ion Ratio Lower Upper
232 100
131 51.9 42.6 63.8
130 2.5 2.2 3.4
166 29.8 27.5 41.3

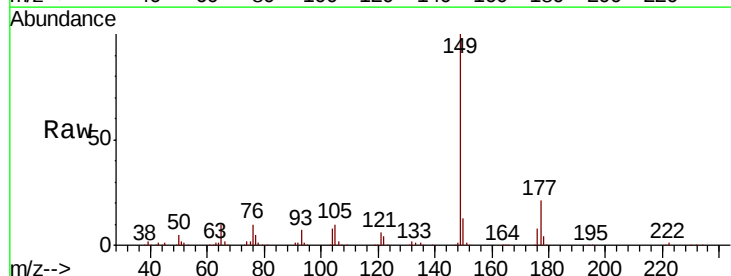


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

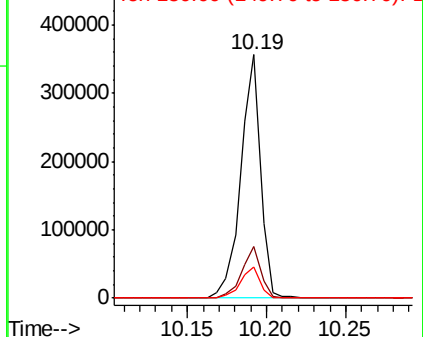
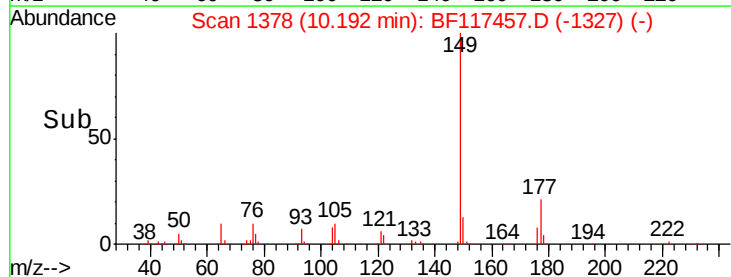


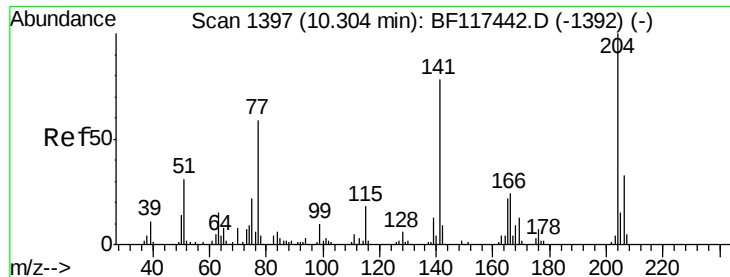
#60
Diethylphthalate
Concen: 28.260 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:149 Resp: 306437
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.4
150 12.7 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

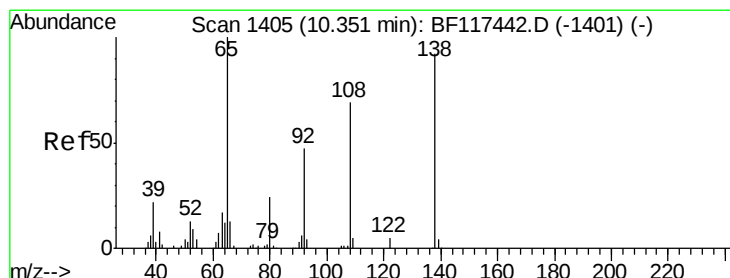
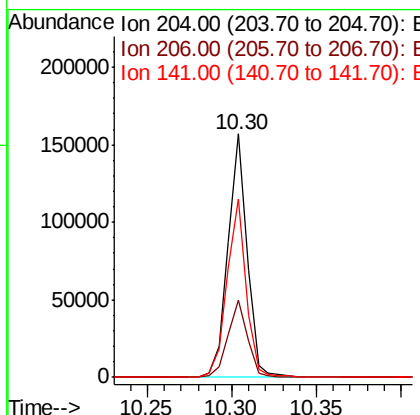
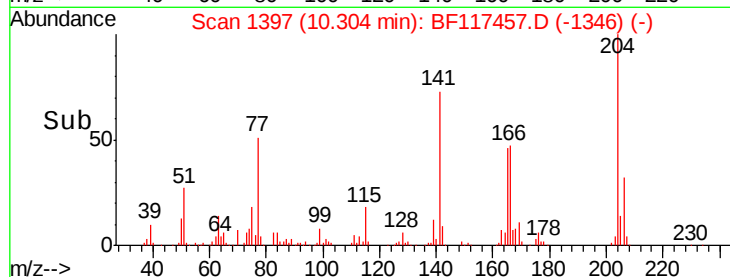
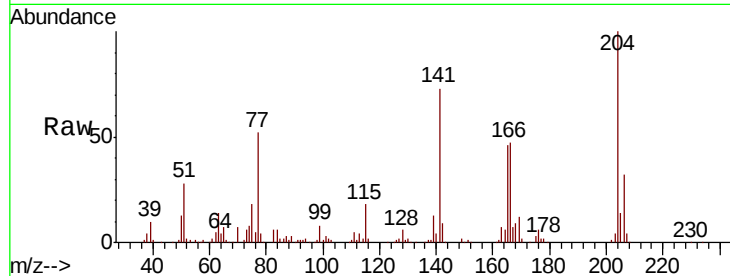




#61
4-Chlorophenyl-phenylether
Concen: 27.157 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

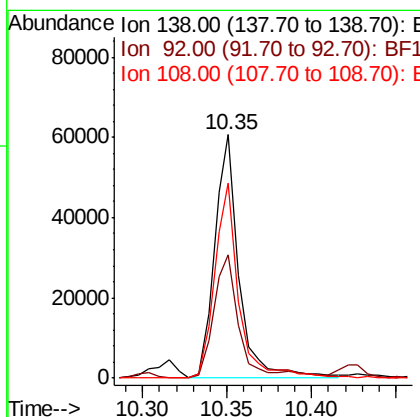
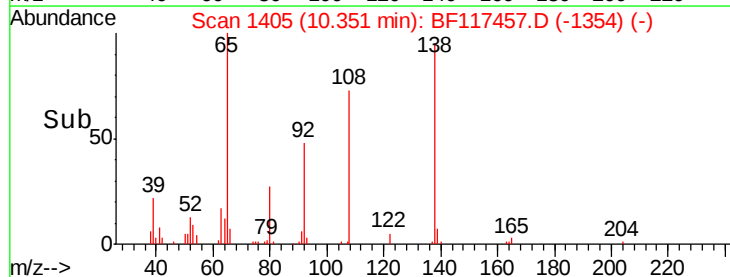
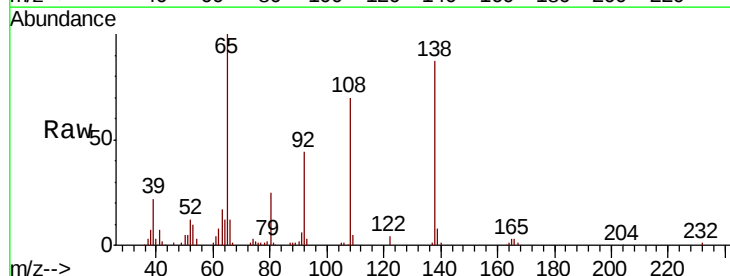
Instrument :
BNA_F
ClientSampleId :

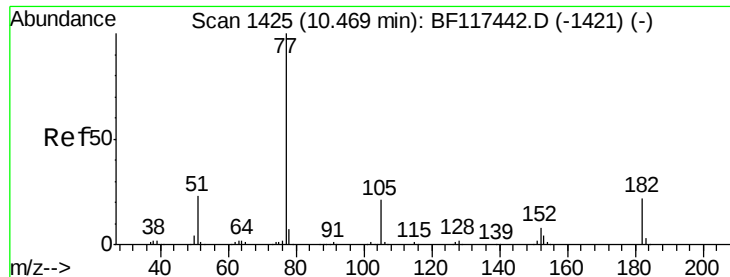
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.3	39.5
141	73.4	62.2	93.4



#62
4-Nitroaniline
Concen: 23.937 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.3	70.3
108	80.0	54.9	94.9

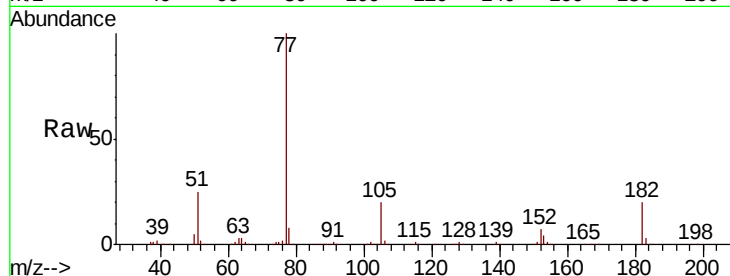




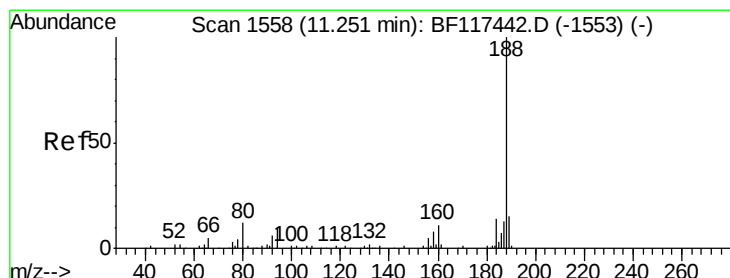
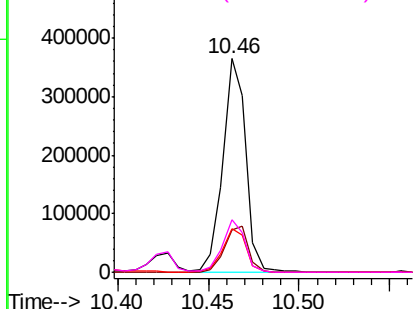
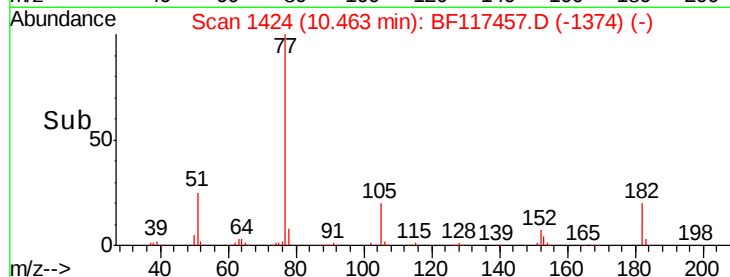
#63
Azobenzene
Concen: 28.759 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 319231
Ion Ratio Lower Upper
77 100
182 19.7 2.3 42.3
105 20.4 1.3 41.3
51 24.6 3.5 43.5

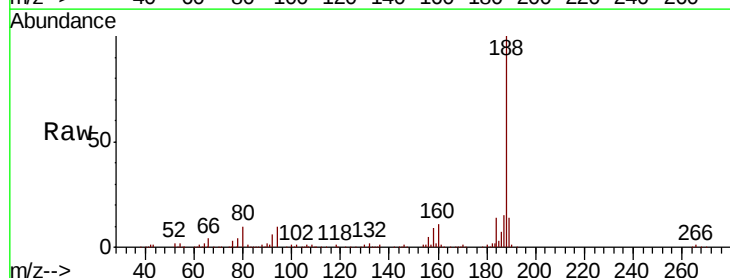


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

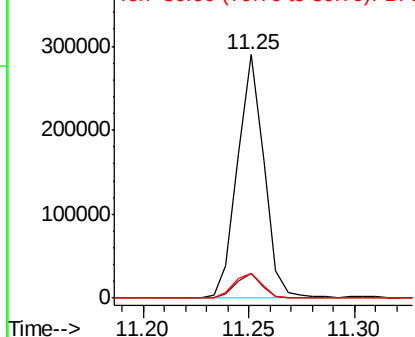
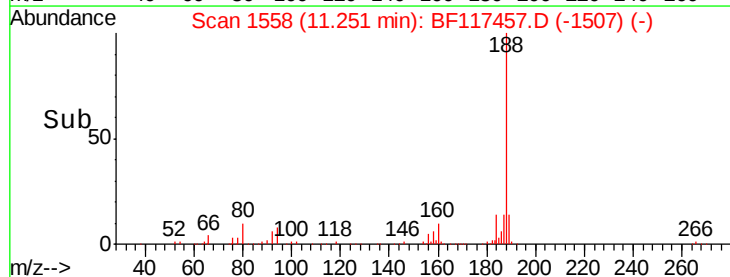


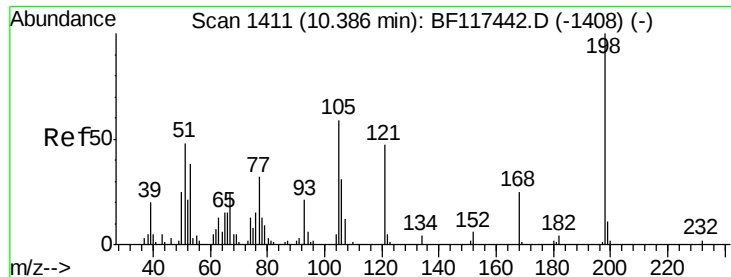
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion: 188 Resp: 251709
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.4 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

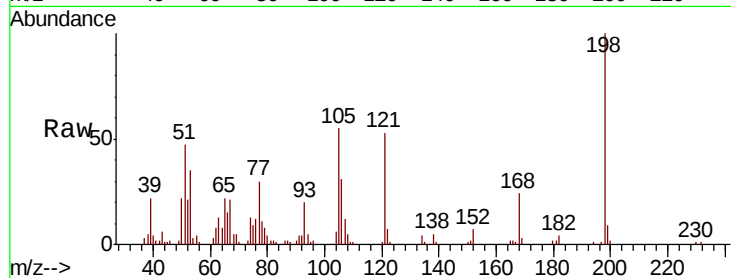




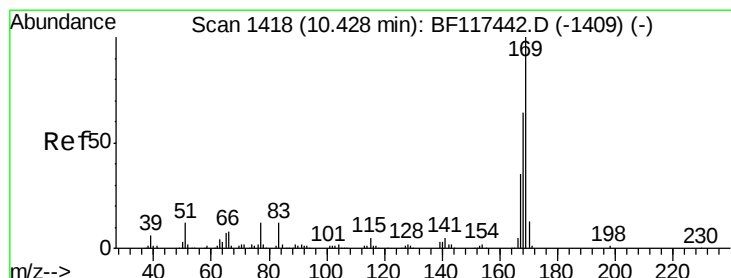
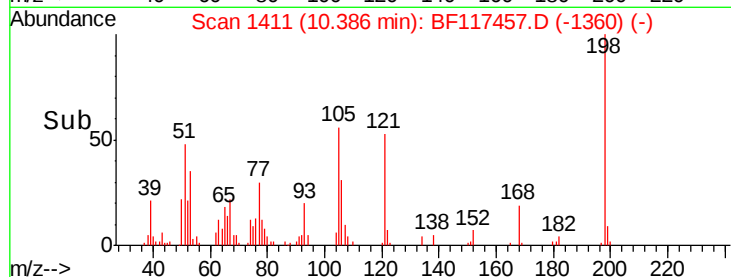
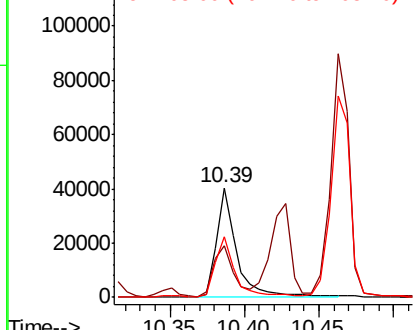
#65
4,6-Dinitro-2-methylphenol
Concen: 29.722 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 38037
Ion Ratio Lower Upper
198 100
51 47.1 29.1 69.1
105 55.0 39.4 79.4

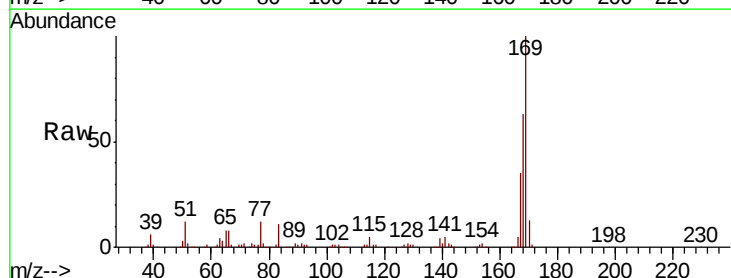


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

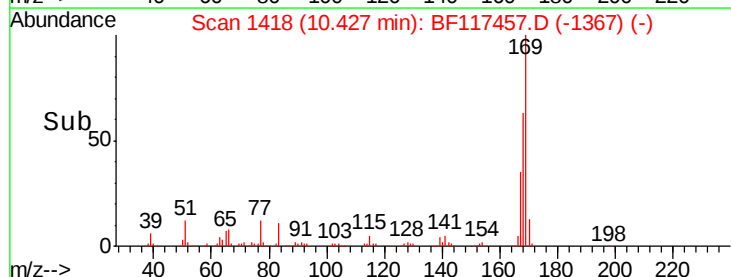
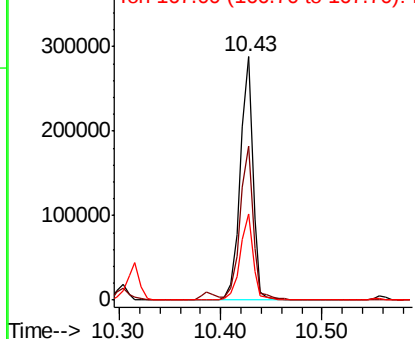


#66
n-Nitrosodiphenylamine
Concen: 27.402 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:169 Resp: 252148
Ion Ratio Lower Upper
169 100
168 63.2 51.3 76.9
167 35.2 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

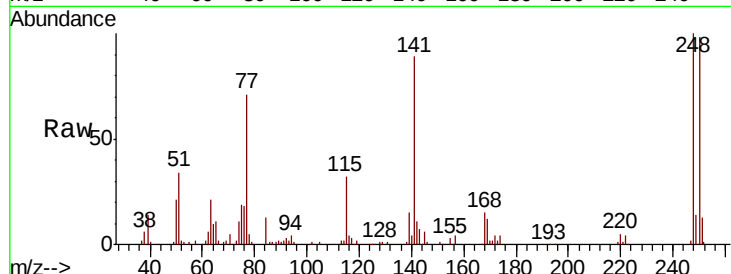




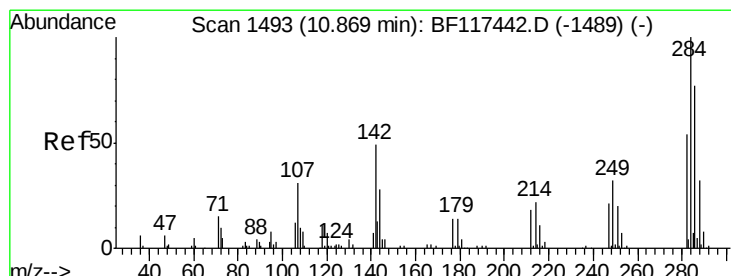
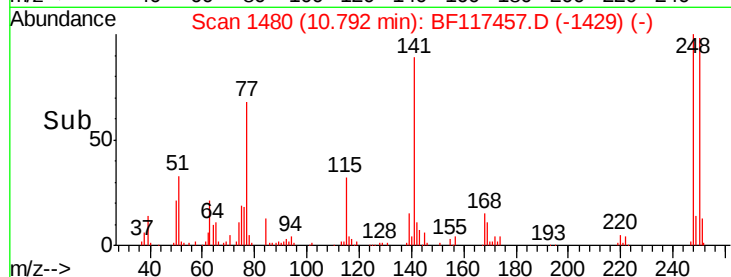
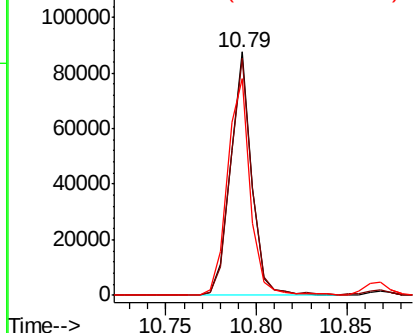
#67
 4-Bromophenyl-phenylether
 Concen: 26.373 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 71501
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.0 117.0
 141 88.8 81.7 122.5

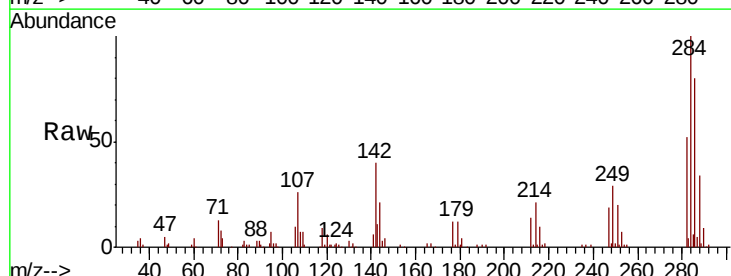


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

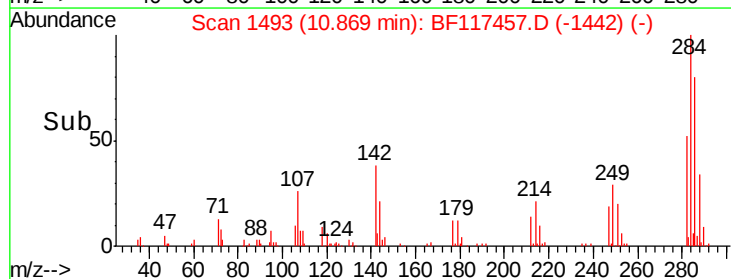
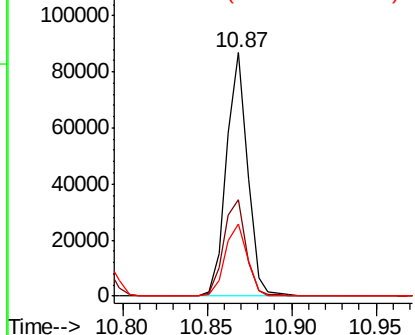


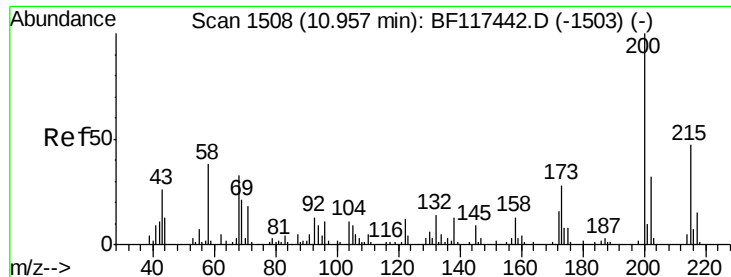
#68
 Hexachlorobenzene
 Concen: 26.102 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117457.D
 Acq: 21 Oct 2019 19:48

Tgt Ion:284 Resp: 75788
 Ion Ratio Lower Upper
 284 100
 142 39.7 39.0 58.6
 249 29.5 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

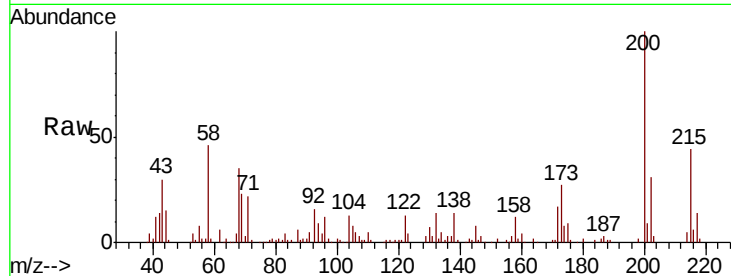




#69
Atrazine
Concen: 34.253 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.2	48.2
215	44.1	26.8	66.8

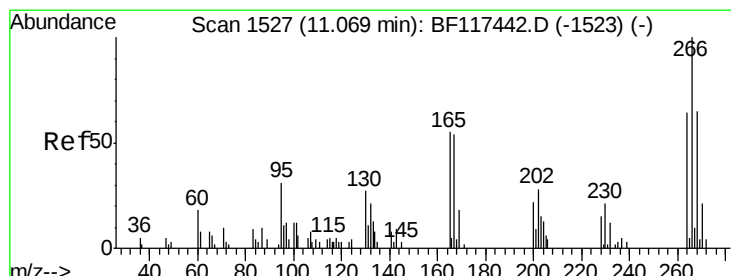
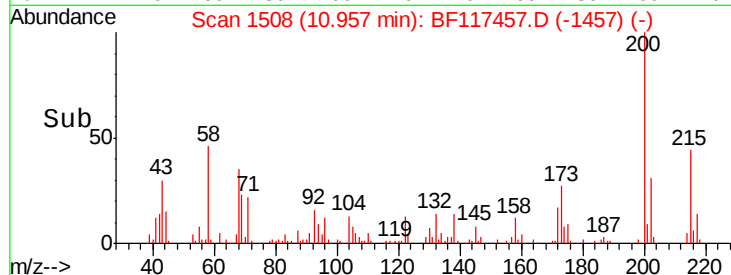
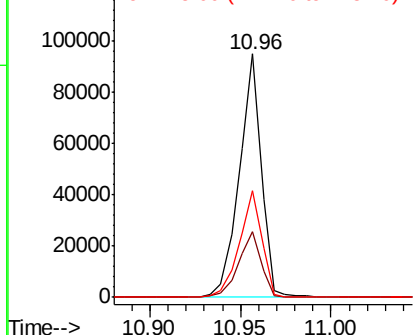


Abundance

Ion 200.00 (199.70 to 200.70): E

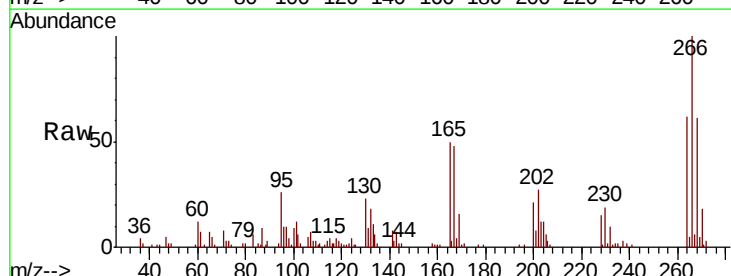
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.177 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.6	77.4
264	62.3	51.4	77.2

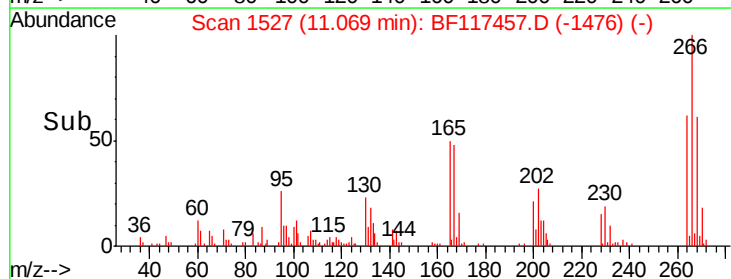
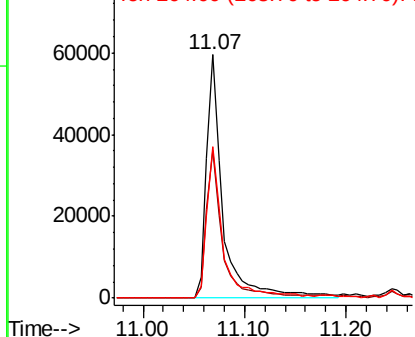


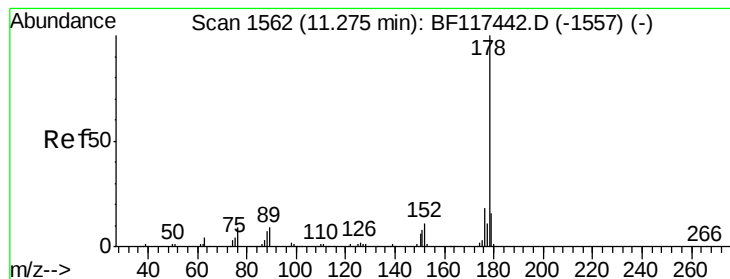
Abundance

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: 27.569 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

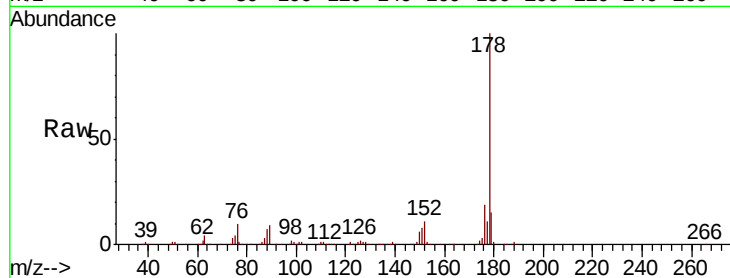
Tot Ion:178 Resp: 402950

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

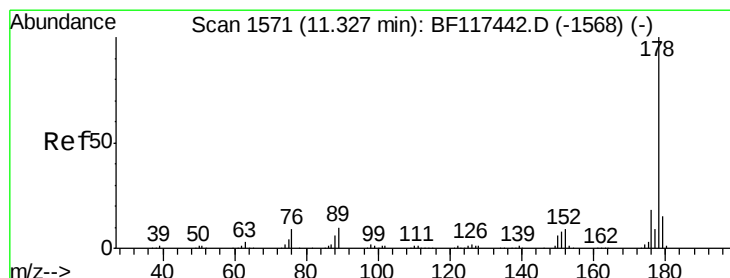
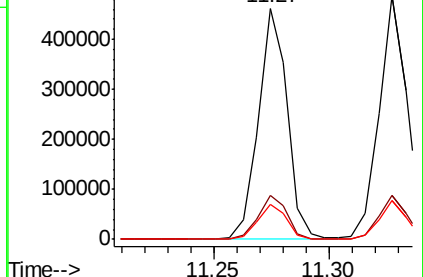
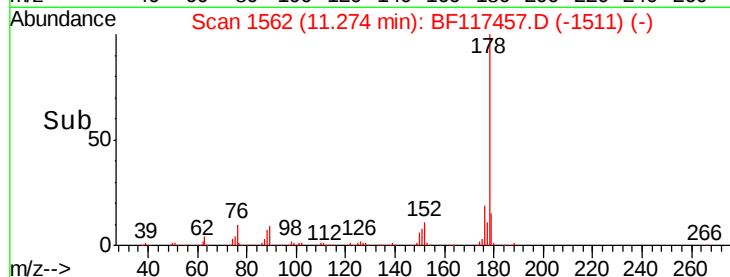
179 15.2 12.6 19.0



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: 28.630 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

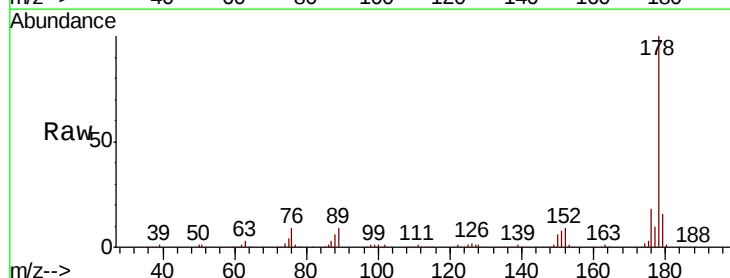
Tgt Ion:178 Resp: 429353

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

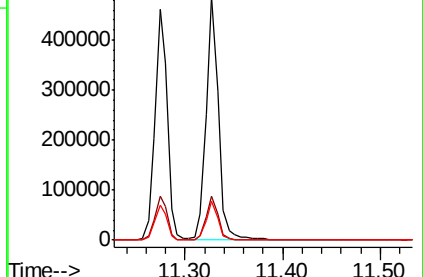
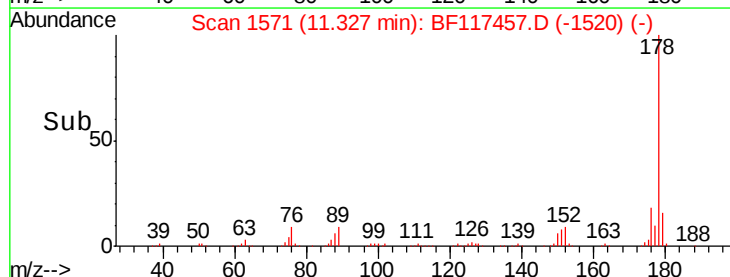
179 16.2 12.2 18.2

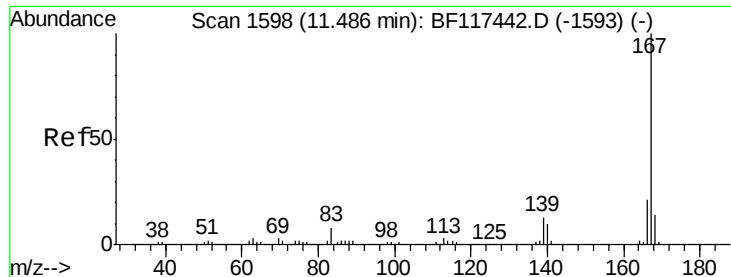


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 28.945 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampled :

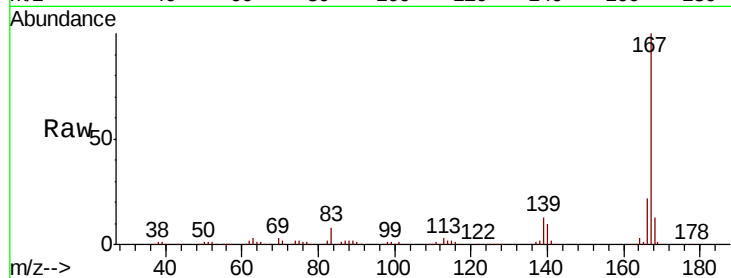
Tot Ion:167 Resp: 396699

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

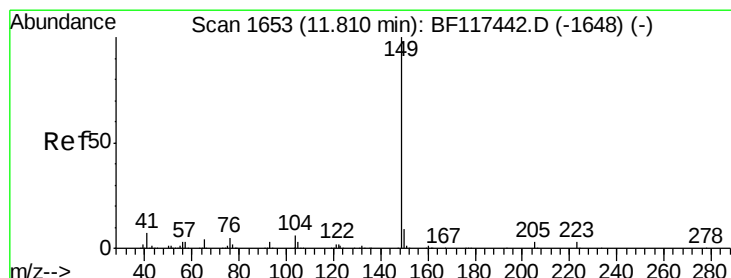
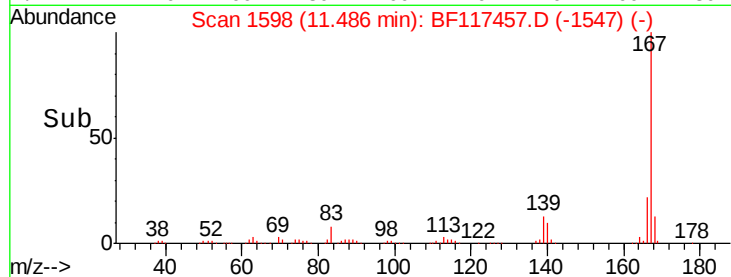
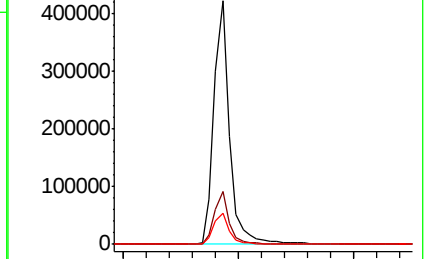
139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 28.531 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

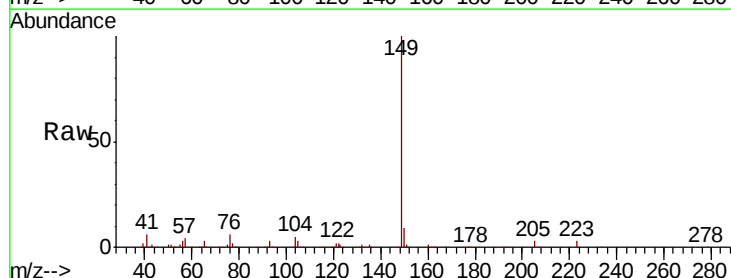
Tgt Ion:149 Resp: 522473

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

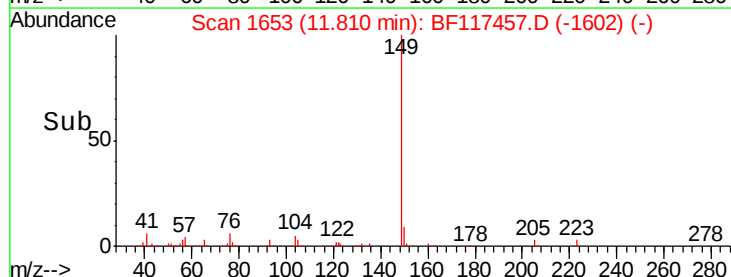
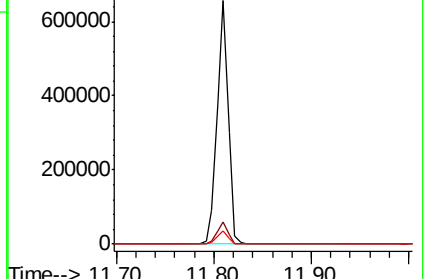
104 5.3 4.6 6.8

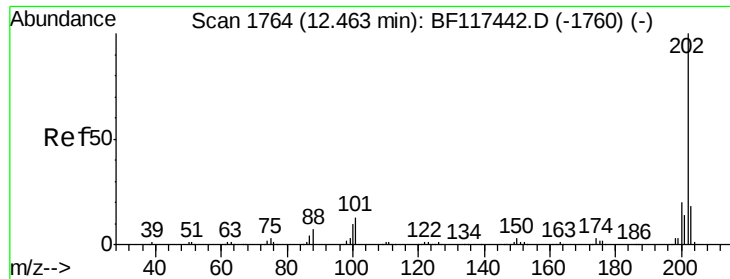


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 29.773 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

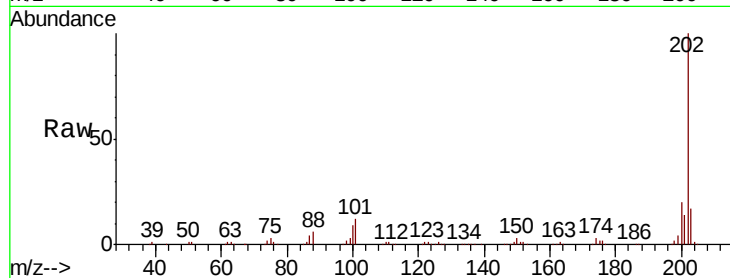
Tot Ion:202 Resp: 435628

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.7

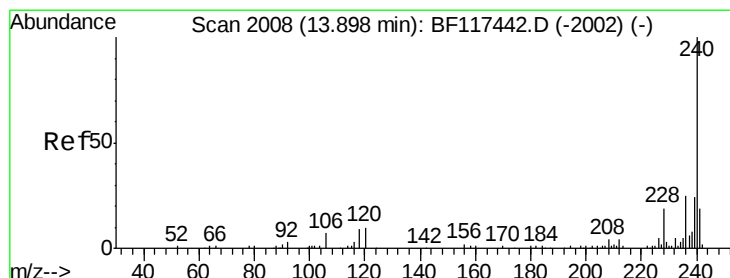
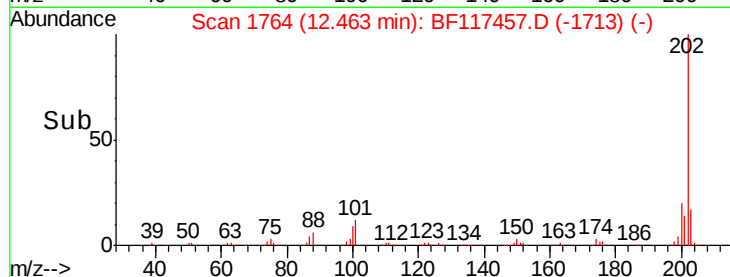
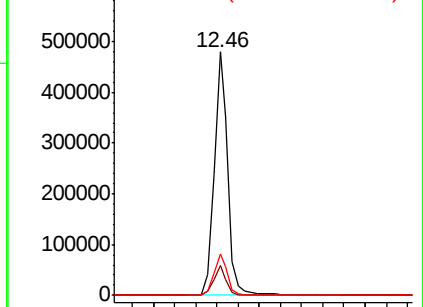
203 17.2 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

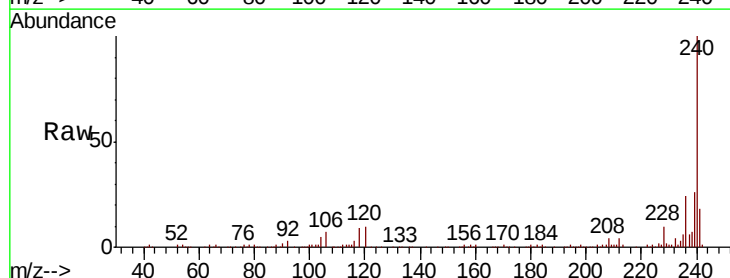
Tgt Ion:240 Resp: 201379

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

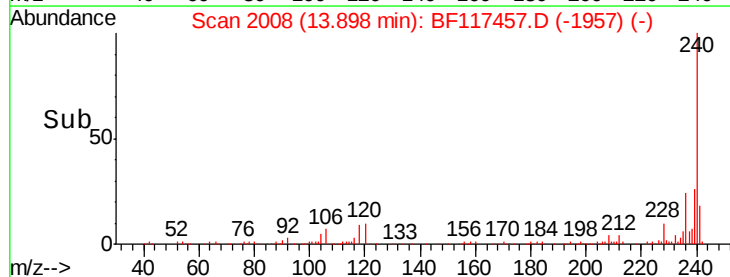
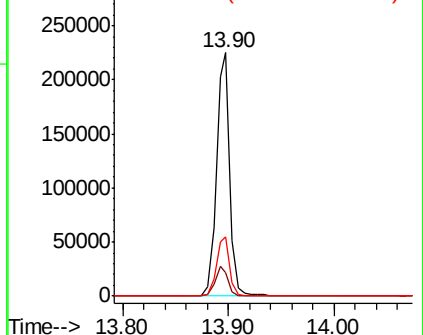
236 24.2 20.0 30.0

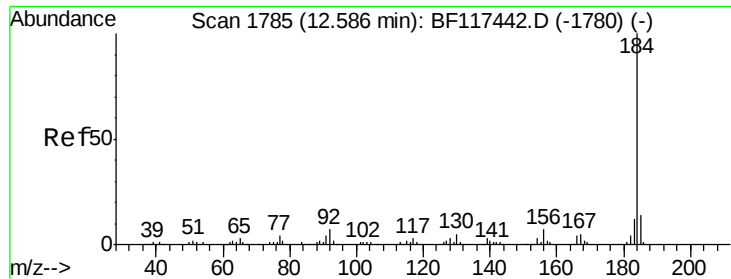


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.901 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

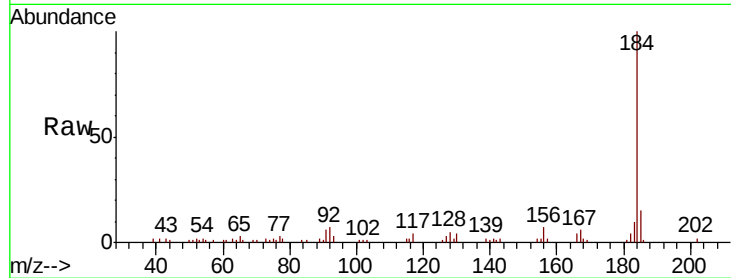
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 45888

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.0
183	10.1	9.6	14.4

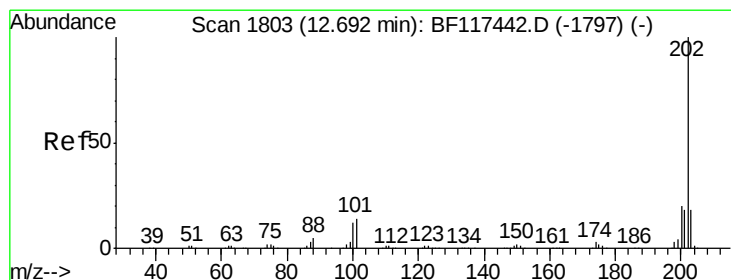
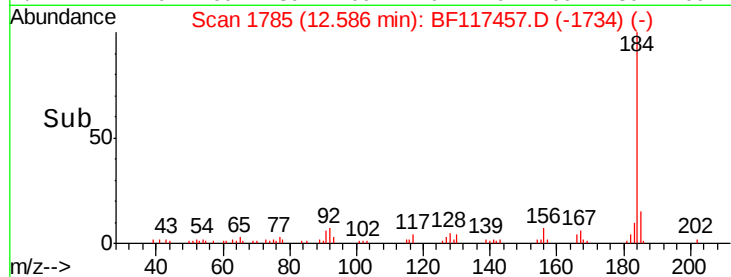
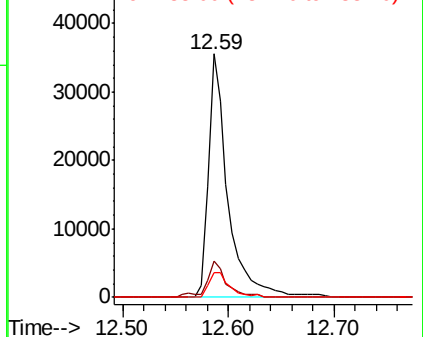


Abundance

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: 25.212 ng

RT: 12.69 min Scan# 1803

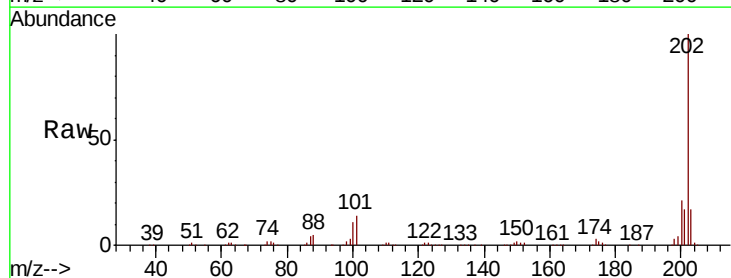
Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Tgt Ion:202 Resp: 436104

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	17.4	14.0	21.0

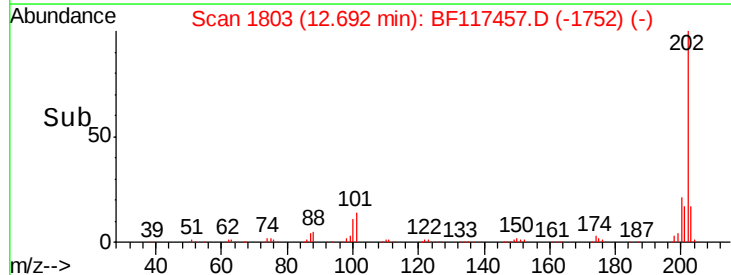
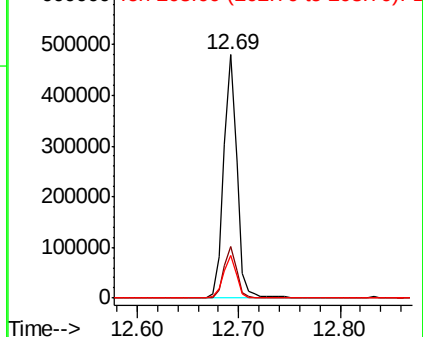


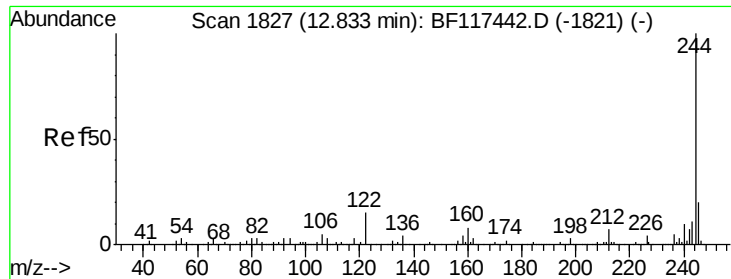
Abundance

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: 46.949 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

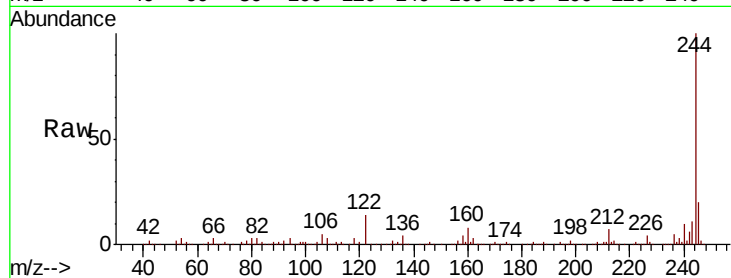
Tot Ion:244 Resp: 579642

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

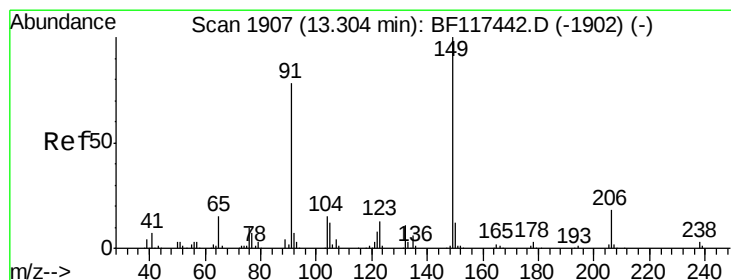
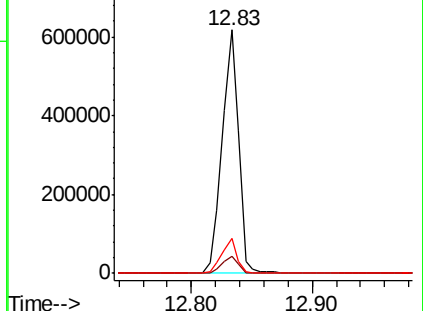
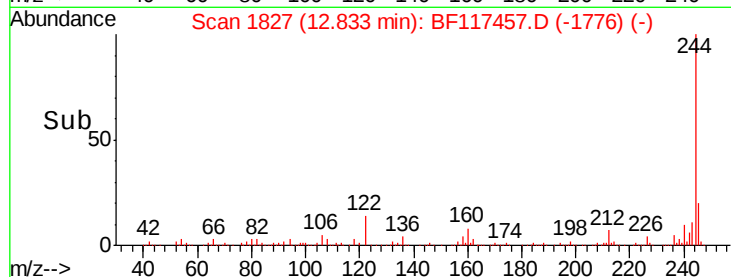
122 14.2 11.8 17.8



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: 26.521 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

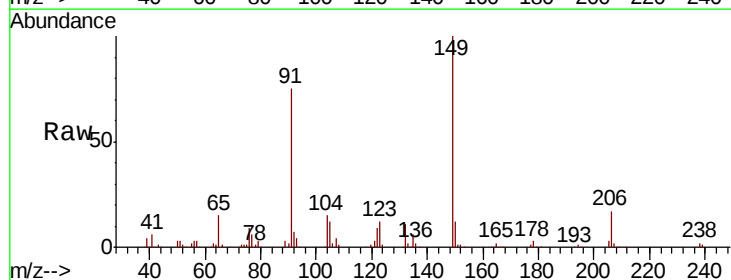
Tgt Ion:149 Resp: 228278

Ion Ratio Lower Upper

149 100

91 75.2 62.1 93.1

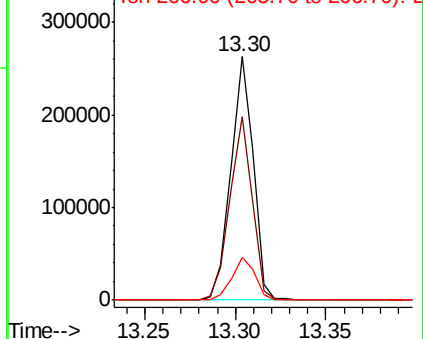
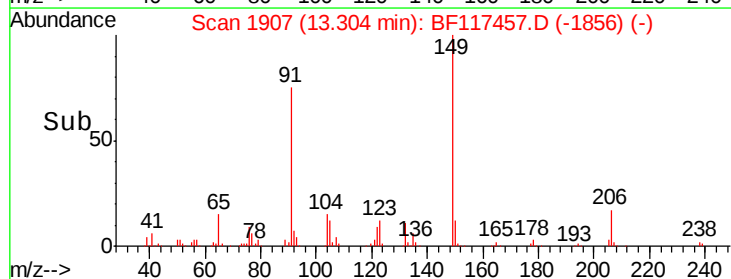
206 17.3 14.3 21.5

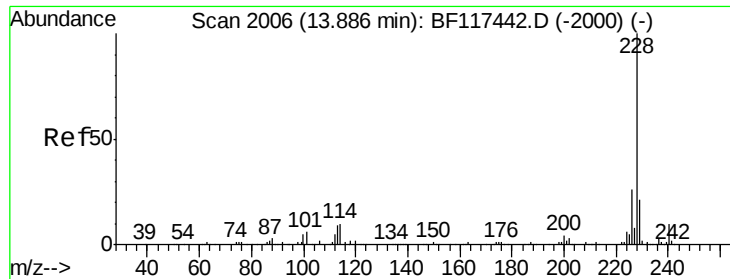


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

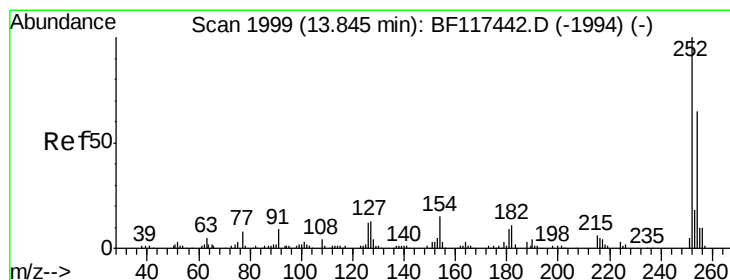
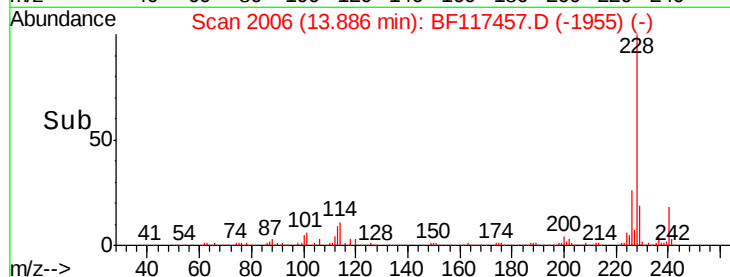
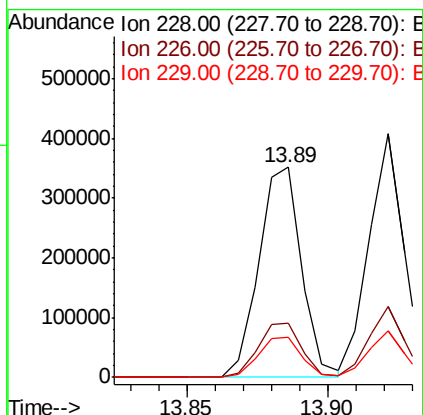
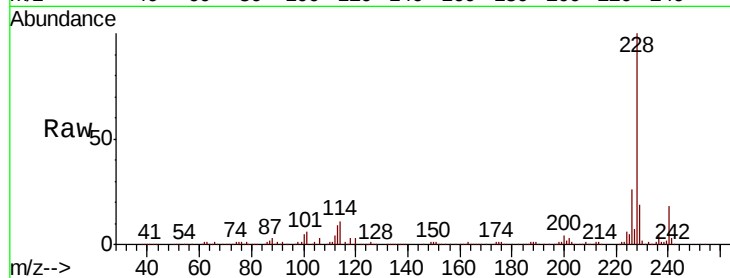




#81
Benzo(a)anthracene
Concen: 27.073 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

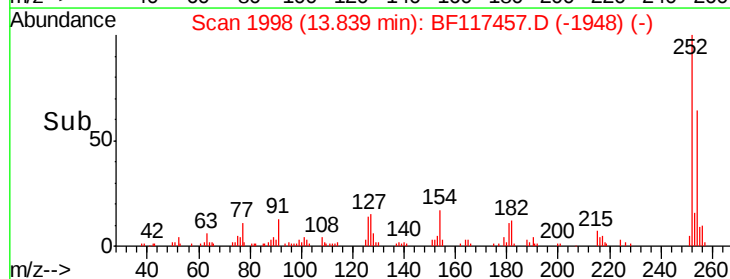
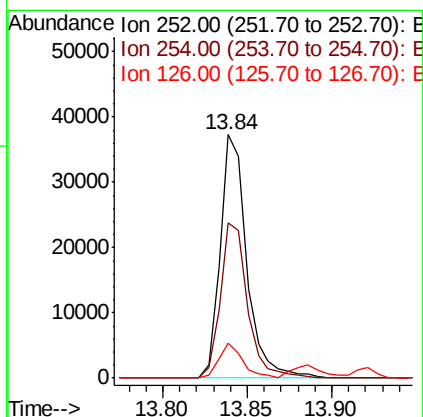
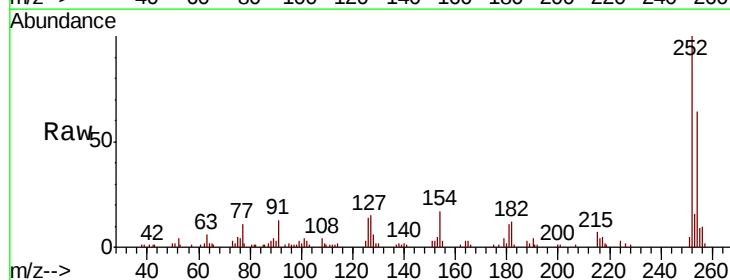
Instrument :
BNA_F
ClientSampleId :

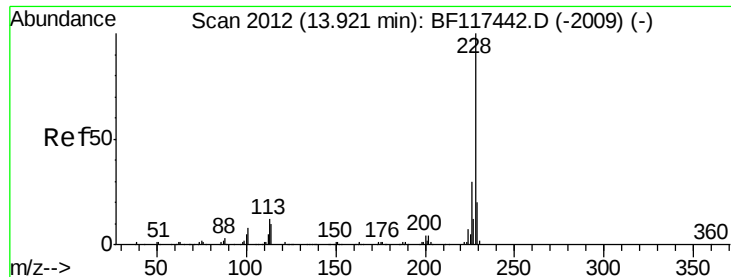
Tot Ion:228 Resp: 367755
Ion Ratio Lower Upper
228 100
226 25.8 21.0 31.4
229 19.3 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 9.595 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:252 Resp: 40899
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.4
126 14.3 9.2 13.8#

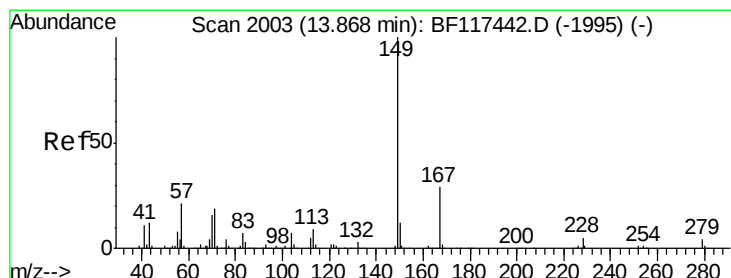
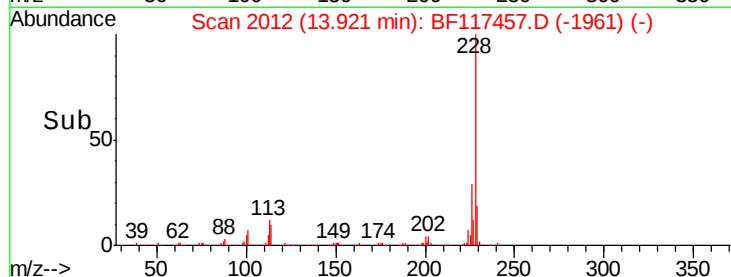
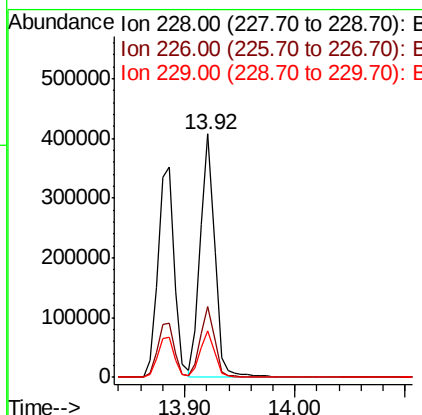
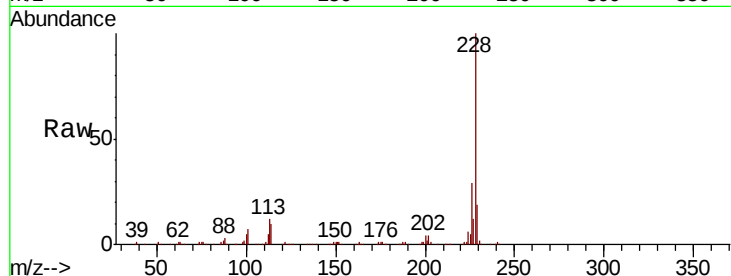




#83
Chrysene
Concen: 27.004 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

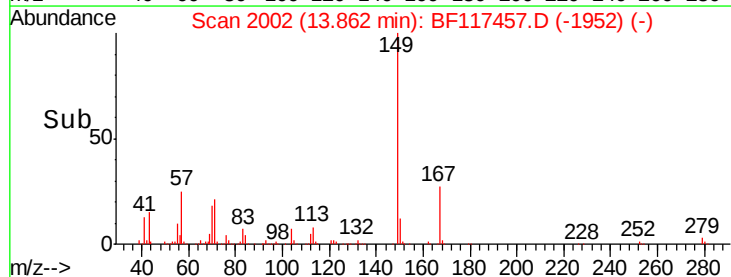
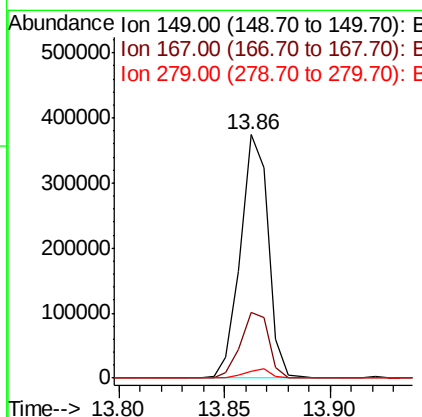
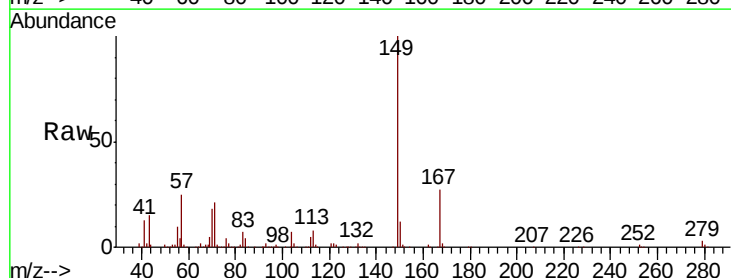
Instrument :
BNA_F
ClientSampleId :

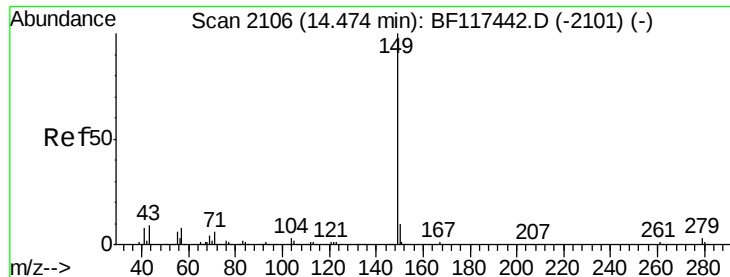
Tot Ion:228 Resp: 359505
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 19.1 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 28.246 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:149 Resp: 340573
Ion Ratio Lower Upper
149 100
167 27.0 23.3 34.9
279 3.1 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 30.919 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

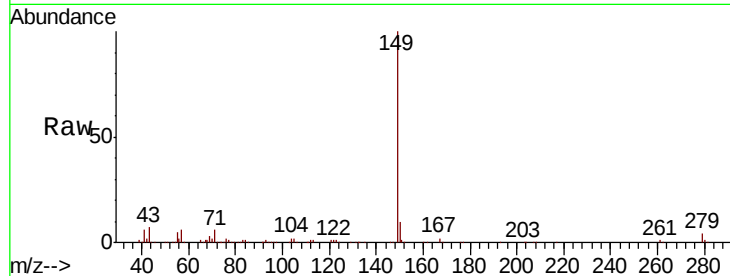
Tot Ion:149 Resp: 573189

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

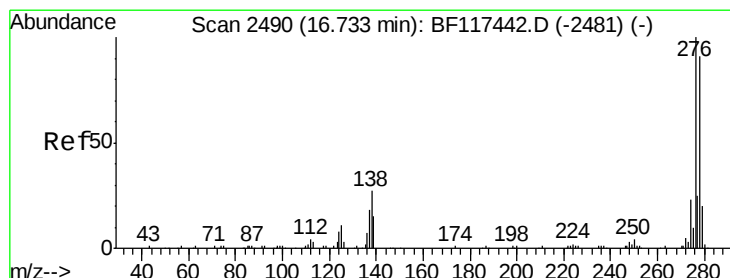
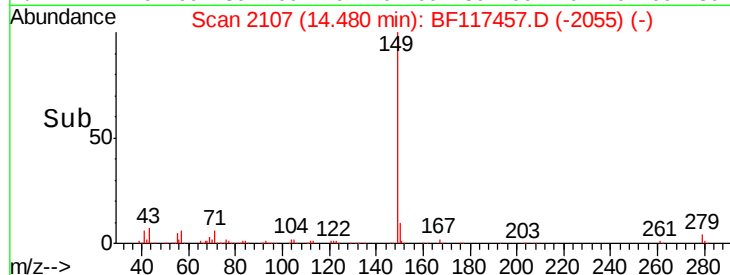
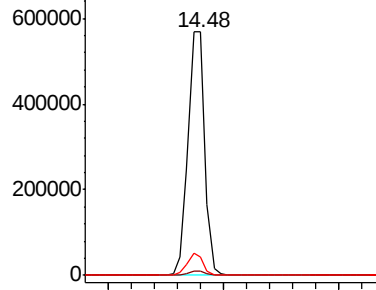
43 8.4 6.8 10.2



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: 29.083 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

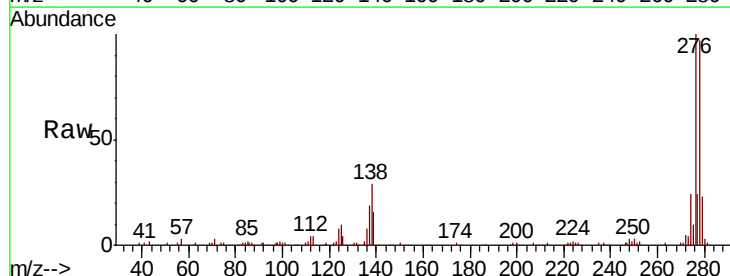
Tgt Ion:276 Resp: 289068

Ion Ratio Lower Upper

276 100

138 27.7 21.8 32.8

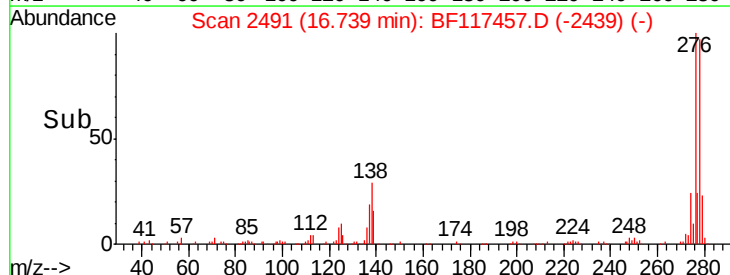
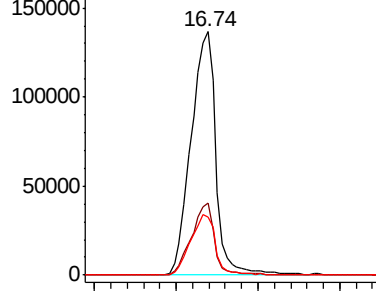
277 24.8 20.0 30.0

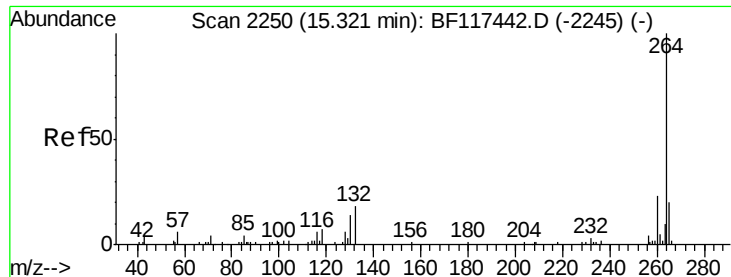


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF117457.D

Acq: 21 Oct 2019 19:48

Instrument :

BNA_F

ClientSampleId :

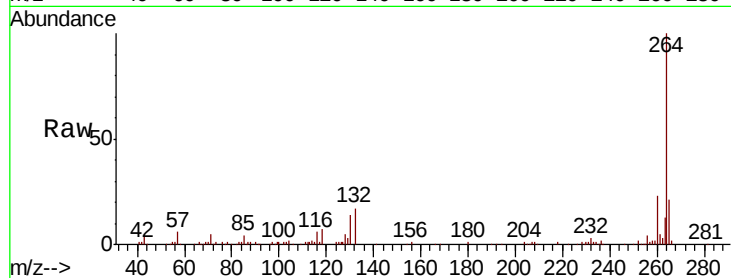
Tot Ion:264 Resp: 184250

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

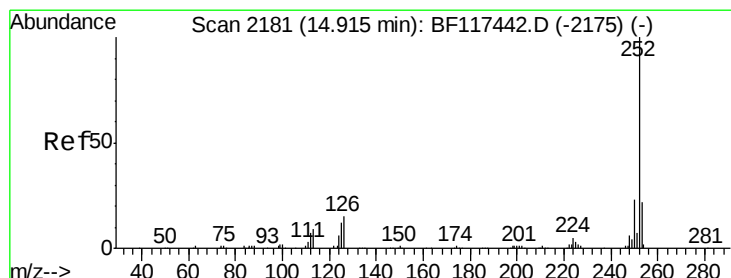
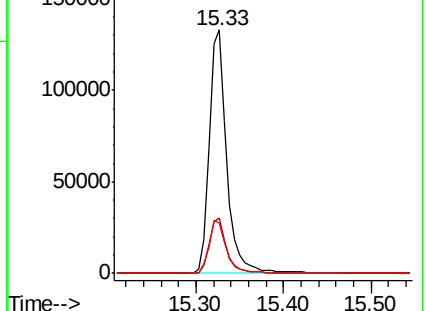
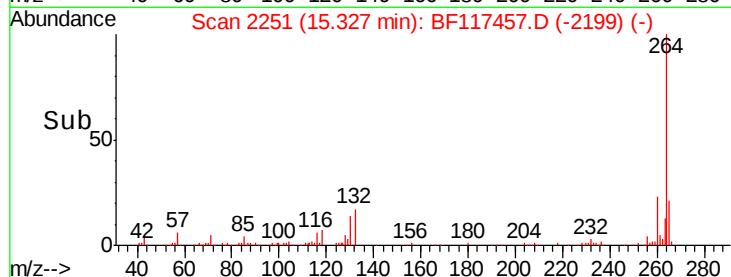
265 20.8 16.1 24.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 29.176 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF117457.D

Acq: 21 Oct 2019 19:48

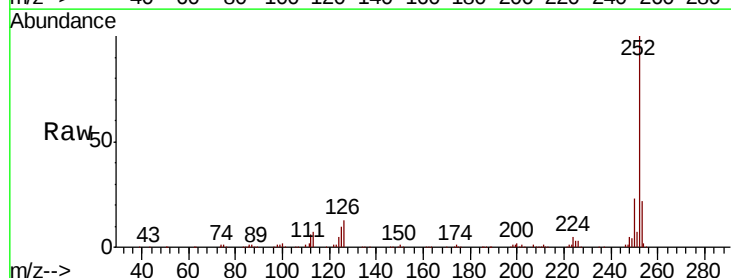
Tgt Ion:252 Resp: 317440

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

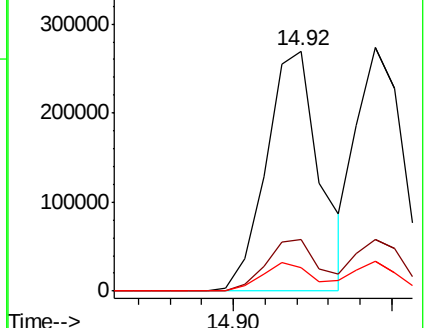
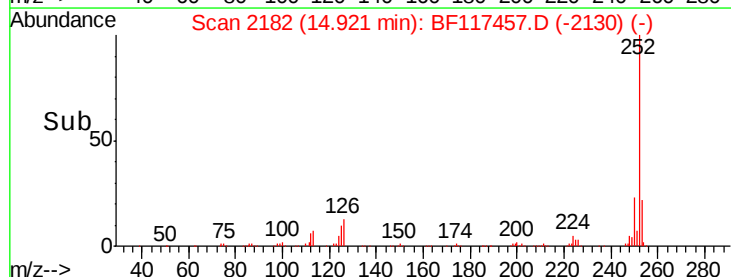
125 9.9 9.9 14.9

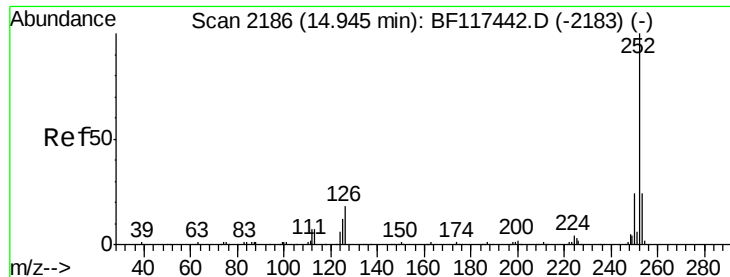


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

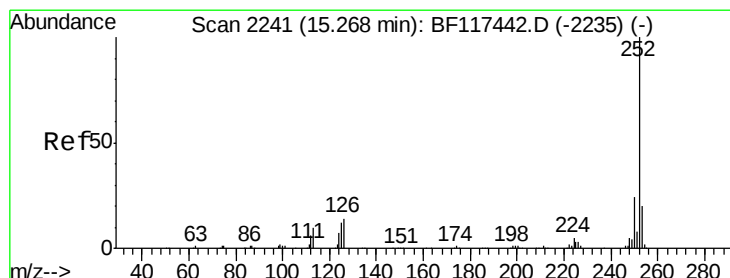
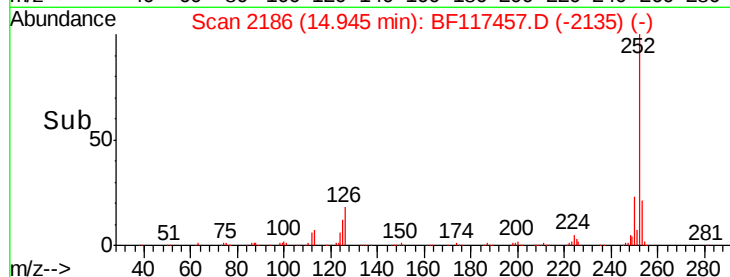
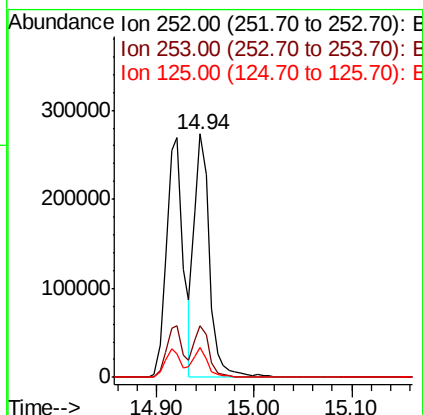
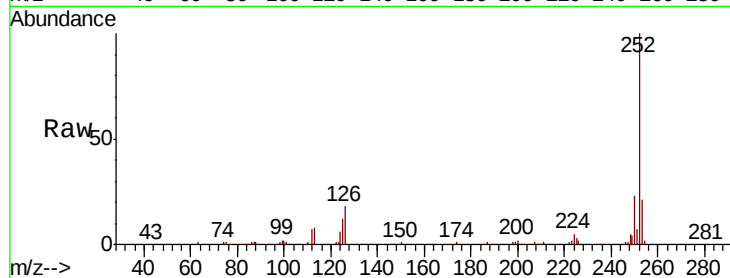




#89
Benzo(k)fluoranthene
Concen: 26.682 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

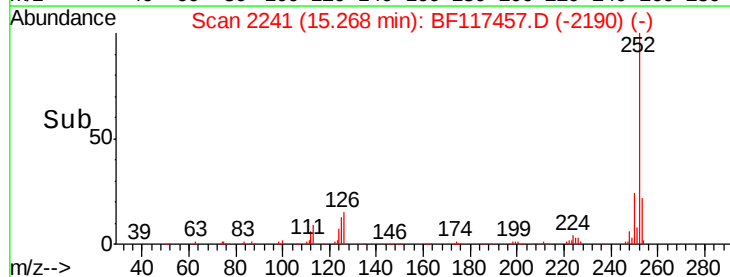
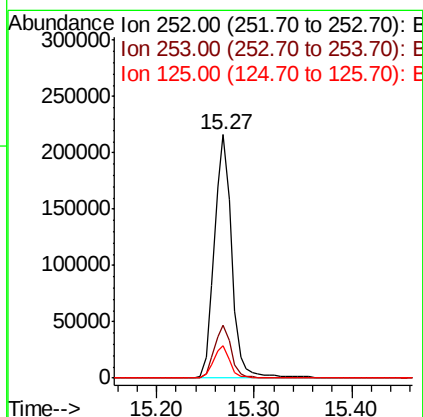
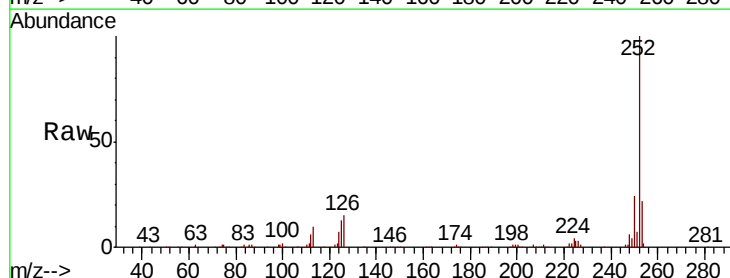
Instrument :
BNA_F
ClientSampleId :

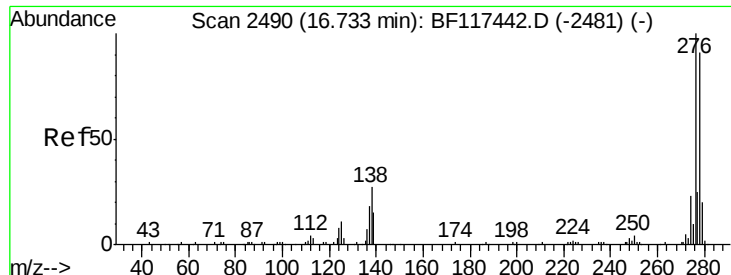
Tot Ion:252 Resp: 297540
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 12.3 8.9 13.3



#90
Benzo(a)pyrene
Concen: 27.181 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion:252 Resp: 268883
Ion Ratio Lower Upper
252 100
253 21.7 16.3 24.5
125 13.4 9.2 13.8

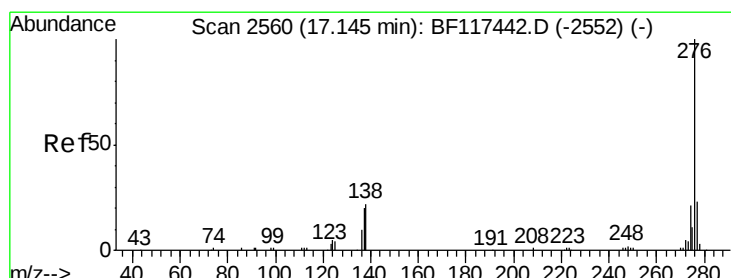
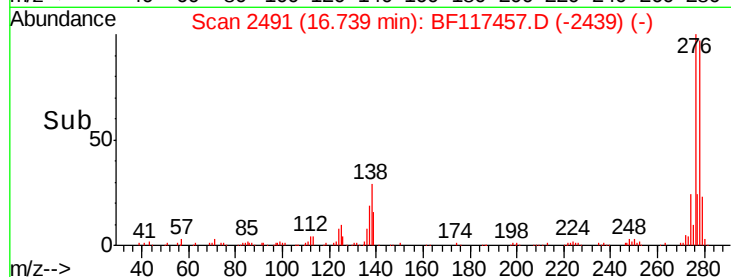
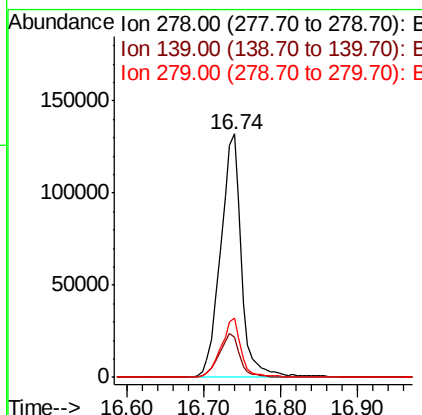
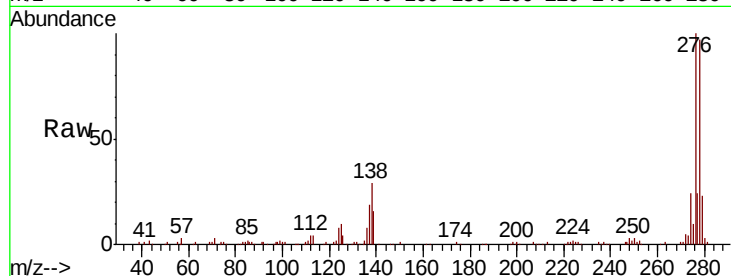




#91
Dibenzo(a,h)anthracene
Concen: 28.884 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.4	20.0
279	24.2	17.8	26.6



#92
Benzo(g,h,i)perylene
Concen: 29.457 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117457.D
Acq: 21 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.4	27.6
138	24.5	17.8	26.6

