

Data File : BF118503.D
Acq On : 8 Jan 2020 17:11
Operator : JU
Sample : PB125777BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Quant Time: Jan 09 03:12:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82217	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	338640	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	210121	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	359238	20.00	ng	0.00
76) Chrysene-d12	14.03	240	228143	20.00	ng	0.00
87) Perylene-d12	15.52	264	157556	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	571532	114.75	ng	0.01
7) Phenol-d6	6.47	99	708844	119.04	ng	0.00
23) Nitrobenzene-d5	7.40	82	458039	71.05	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	263558	106.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	989610	67.55	ng	0.00
79) Terphenyl-d14	12.96	244	1195937	83.07	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.65	88	67944	40.919	ng	98
3) Pyridine	3.41	79	161148	36.054	ng	96
4) n-Nitrosodimethylamine	3.36	42	94663	42.265	ng	95
6) Aniline	6.49	93	253084	34.183	ng	# 87
8) 2-Chlorophenol	6.62	128	229097	42.071	ng	96
9) Benzaldehyde	6.38	77	138712	41.844	ng	98
10) Phenol	6.49	94	293654	44.505	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	197661	42.019	ng	99
12) 1,3-Dichlorobenzene	6.77	146	256084	40.228	ng	99
13) 1,4-Dichlorobenzene	6.85	146	265281	40.842	ng	100
14) 1,2-Dichlorobenzene	7.00	146	252676	40.256	ng	98
15) Benzyl Alcohol	6.98	79	204183	42.272	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	202440	38.794	ng	95
17) 2-Methylphenol	7.09	107	189318	42.303	ng	99
18) Hexachloroethane	7.34	117	97004	39.415	ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	154321	40.238	ng	100
20) 3+4-Methylphenols	7.25	107	246426	40.593	ng	90
22) Acetophenone	7.25	105	327695	38.176	ng	97
24) Nitrobenzene	7.42	77	242106	37.770	ng	99
25) Isophorone	7.66	82	416985	40.377	ng	99
26) 2-Nitrophenol	7.73	139	130904	41.362	ng	99
27) 2,4-Dimethylphenol	7.77	122	202582	47.598	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	262296	38.632	ng	98
29) 2,4-Dichlorophenol	7.98	162	199403	40.126	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	220900	38.272	ng	98
31) Naphthalene	8.14	128	715470	40.391	ng	99
32) Benzoic acid	7.92	122	115220	40.483	ng	98
33) 4-Chloroaniline	8.19	127	164536	22.562	ng	99
34) Hexachlorobutadiene	8.25	225	132681	37.449	ng	99
35) Caprolactam	8.57	113	31158	20.814	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	207998	38.933	ng	99
37) 2-Methylnaphthalene	8.83	142	468393	38.528	ng	98
38) 1-Methylnaphthalene	8.93	142	449084	39.344	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	207572	32.152	ng	99

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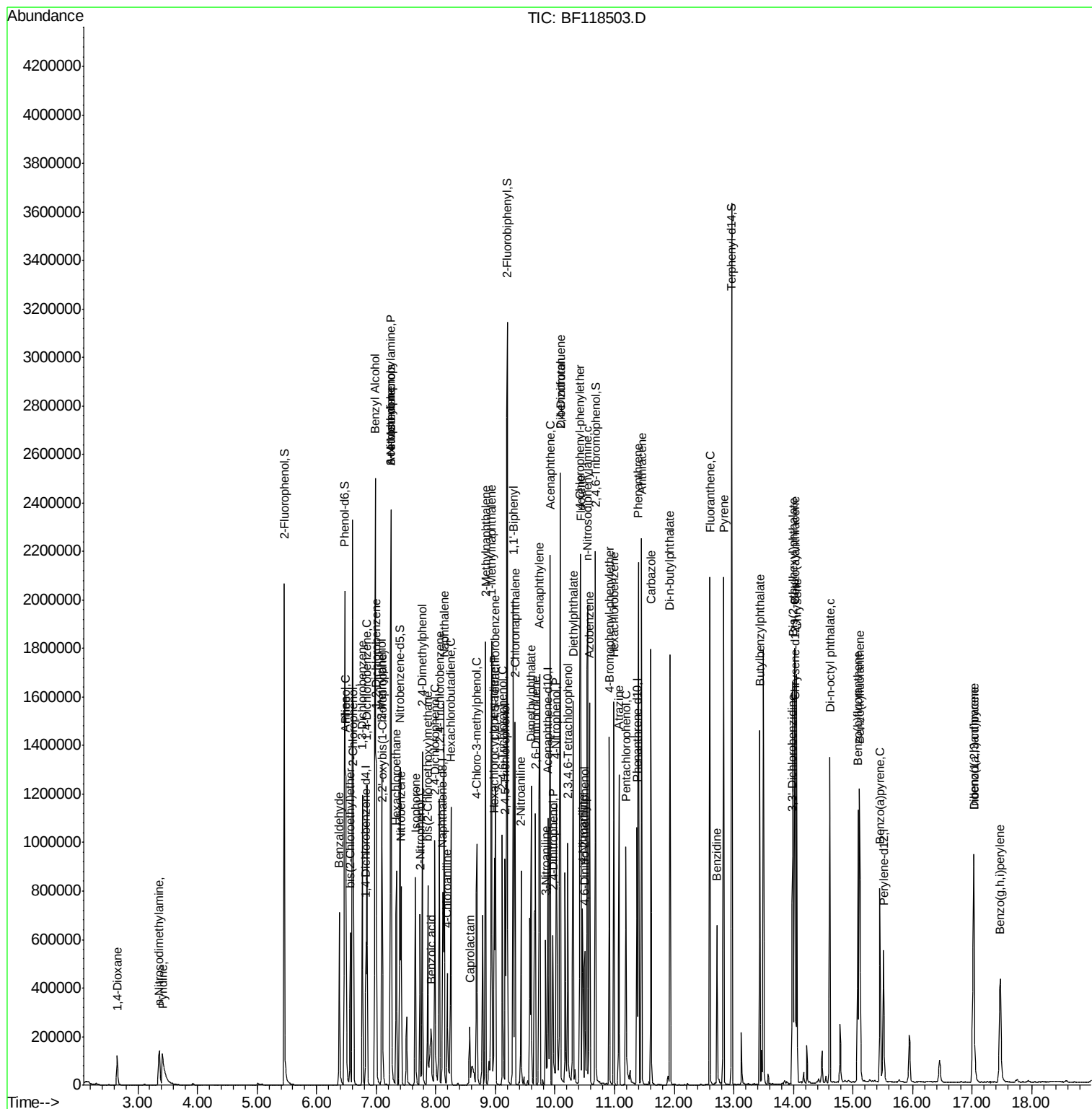
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	129475	74.533	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	137153	34.379	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	148750	36.031	ng	98
46) 1,1'-Biphenyl	9.30	154	565271	32.925	ng	98
47) 2-Chloronaphthalene	9.33	162	442900	32.594	ng	97
48) 2-Nitroaniline	9.43	65	126325	32.171	ng	96
49) Acenaphthylene	9.74	152	723548	35.771	ng	99
50) Dimethylphthalate	9.60	163	533359	33.072	ng	99
51) 2,6-Dinitrotoluene	9.67	165	119591	34.435	ng	98
52) Acenaphthene	9.92	154	452999	36.674	ng	98
53) 3-Nitroaniline	9.84	138	100409	24.682	ng	91
54) 2,4-Dinitrophenol	9.96	184	105054	70.001	ng	# 88
55) Dibenzofuran	10.09	168	693625	37.388	ng	98
56) 4-Nitrophenol	10.02	139	152730	77.321	ng	98
57) 2,4-Dinitrotoluene	10.08	165	173176	37.241	ng	98
58) Fluorene	10.43	166	555806	37.272	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	126282	36.171	ng	96
60) Diethylphthalate	10.30	149	563836	34.345	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	271312	36.414	ng	97
62) 4-Nitroaniline	10.46	138	116710	29.300	ng	100
63) Azobenzene	10.58	77	516664	37.034	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	80823	42.560	ng	98
66) n-Nitrosodiphenylamine	10.55	169	486031	41.546	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	168062	39.941	ng	98
68) Hexachlorobenzene	10.99	284	194454	38.699	ng	98
69) Atrazine	11.07	200	158184	45.505	ng	99
70) Pentachlorophenol	11.19	266	133195	80.885	ng	99
71) Phenanthrene	11.40	178	788328	39.174	ng	100
72) Anthracene	11.45	178	828201	41.368	ng	100
73) Carbazole	11.61	167	649793	37.468	ng	99
74) Di-n-butylphthalate	11.93	149	925211	39.989	ng	98
75) Fluoranthene	12.60	202	830253	40.591	ng	98
77) Benzidine	12.72	184	253436	47.418	ng	98
78) Pyrene	12.83	202	808237	43.059	ng	99
80) Butylbenzylphthalate	13.43	149	344330	40.055	ng	100
81) Benzo(a)anthracene	14.02	228	614408	38.475	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	168350	32.419	ng	98
83) Chrysene	14.06	228	565350	36.433	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	451337	38.669	ng	99
85) Di-n-octyl phthalate	14.61	149	655925	39.179	ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	435885	34.890	ng	100
88) Benzo(b)fluoranthene	15.08	252	490217	43.035	ng	99
89) Benzo(k)fluoranthene	15.11	252	495831	45.602	ng	99
90) Benzo(a)pyrene	15.46	252	398208	42.658	ng	97
91) Dibenzo(a,h)anthracene	17.03	278	369025	42.159	ng	100
92) Benzo(g,h,i)perylene	17.47	276	374331	45.135	ng	99

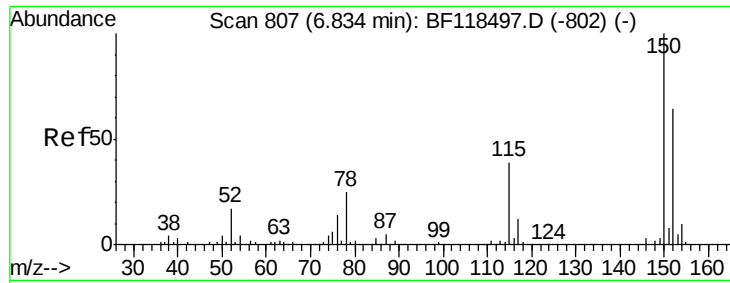
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

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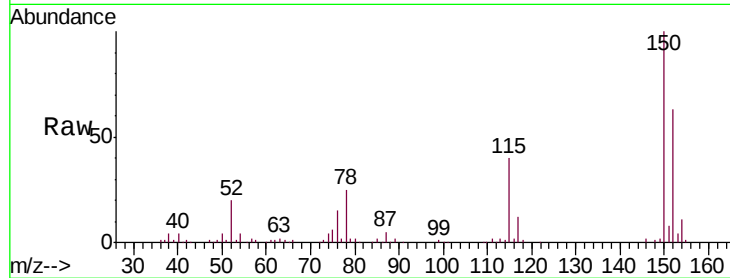
Tgt Ion:152 Resp: 82217

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

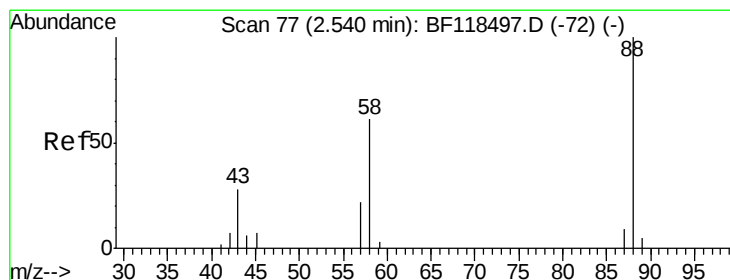
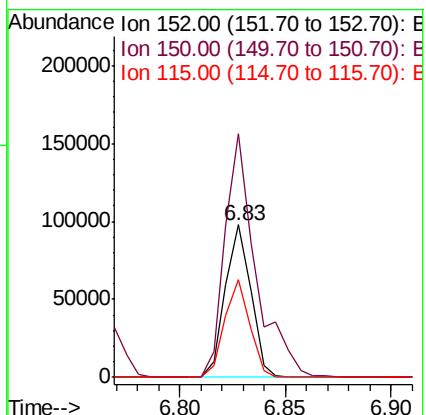
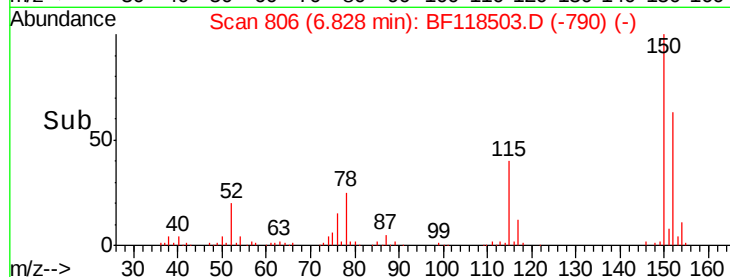
115 63.9 49.0 73.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.919 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.11 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

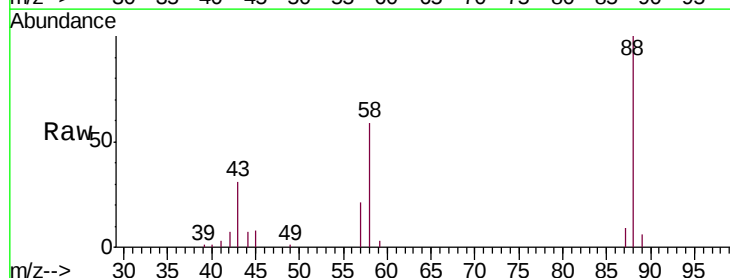
Tgt Ion: 88 Resp: 67944

Ion Ratio Lower Upper

88 100

58 61.6 48.3 72.5

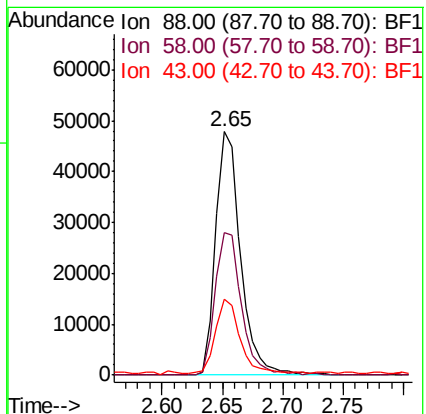
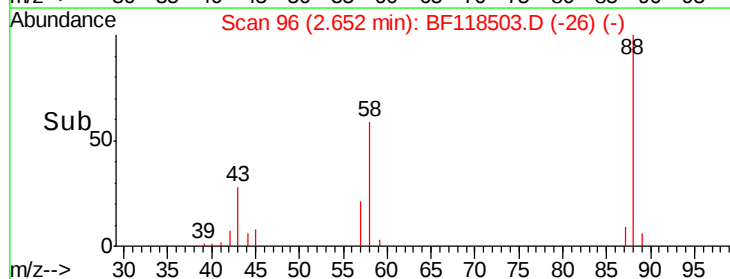
43 31.2 23.4 35.0

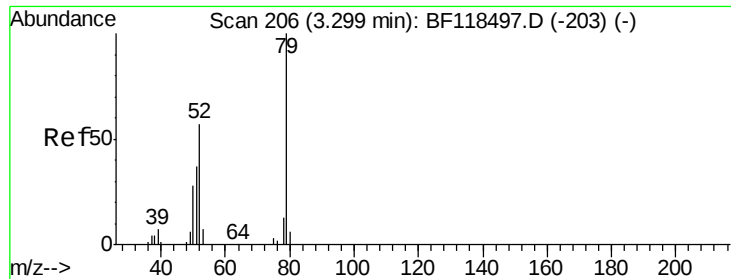


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

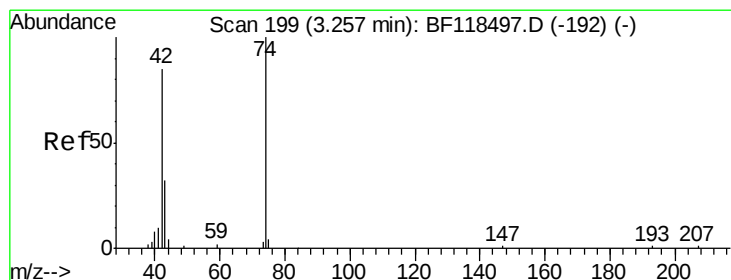
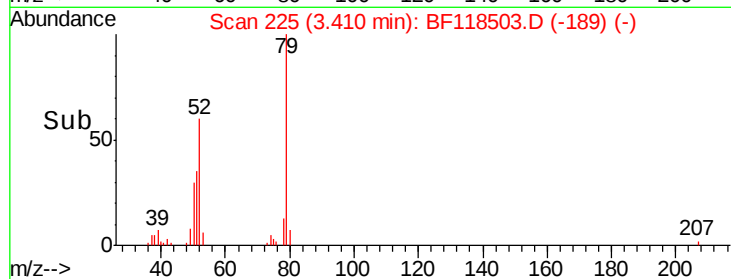
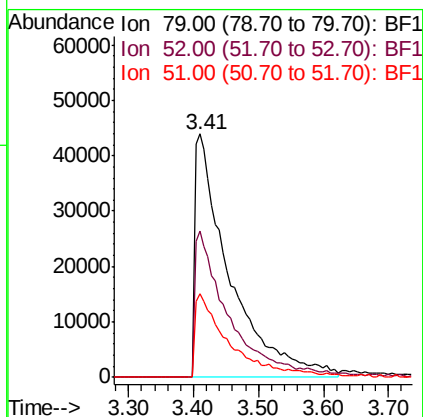
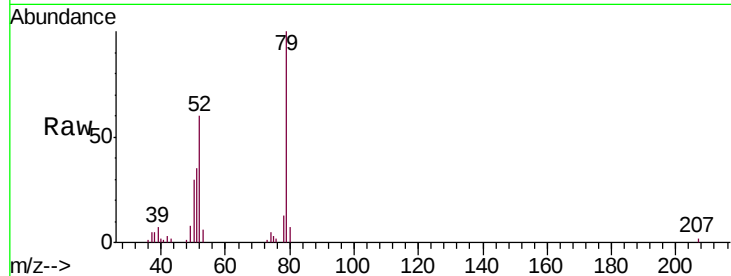




#3
 Pyridine
 Concen: 36.054 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.11 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

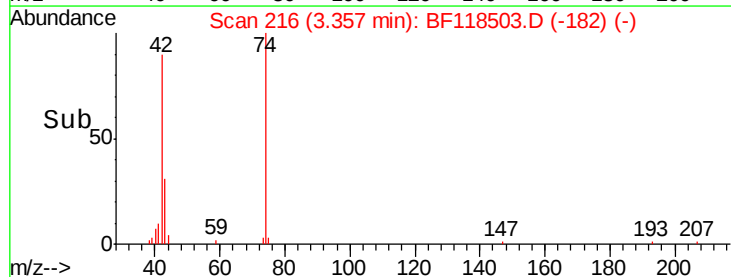
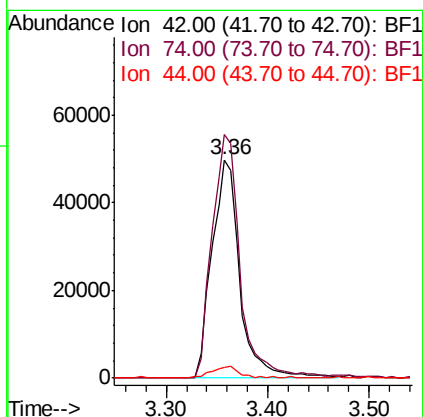
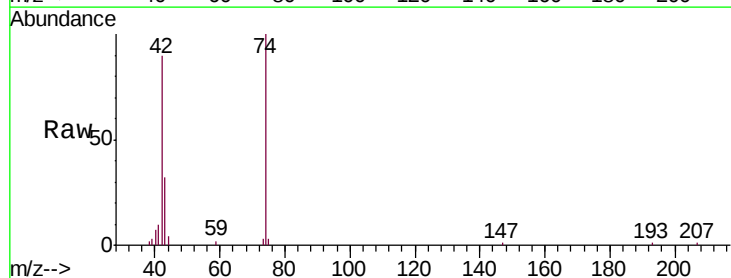
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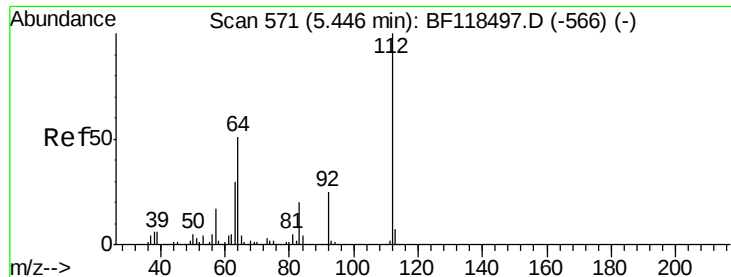
Tgt Ion: 79 Resp: 161148
 Ion Ratio Lower Upper
 79 100
 52 60.3 45.9 68.9
 51 34.6 29.8 44.6



#4
 n-Nitrosodimethylamine
 Concen: 42.265 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.10 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion: 42 Resp: 94663
 Ion Ratio Lower Upper
 42 100
 74 111.5 94.1 141.1
 44 4.8 4.1 6.1





#5

2-Fluorophenol

Concen: 114.752 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

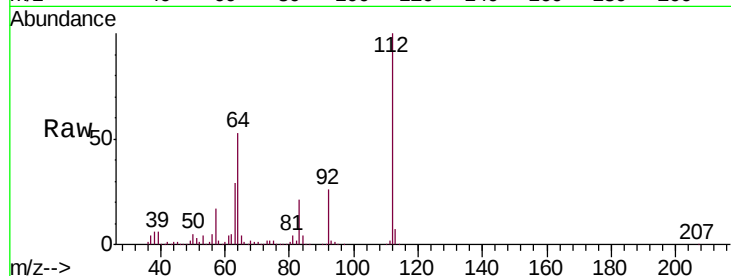
Tgt Ion: 112 Resp: 571532

Ion Ratio Lower Upper

112 100

64 52.6 41.1 61.7

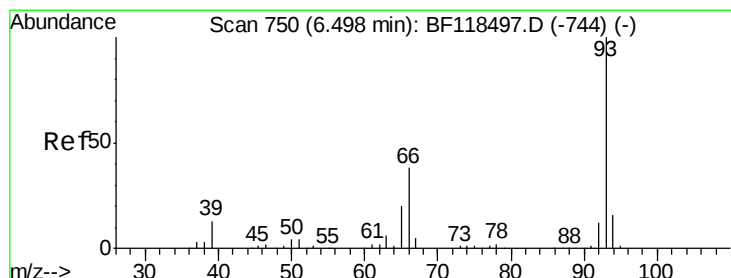
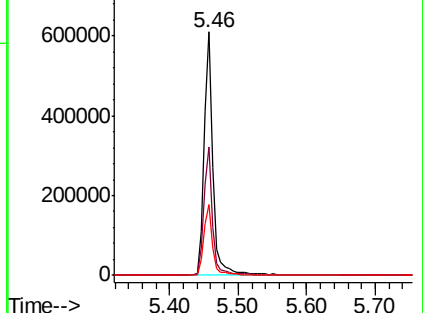
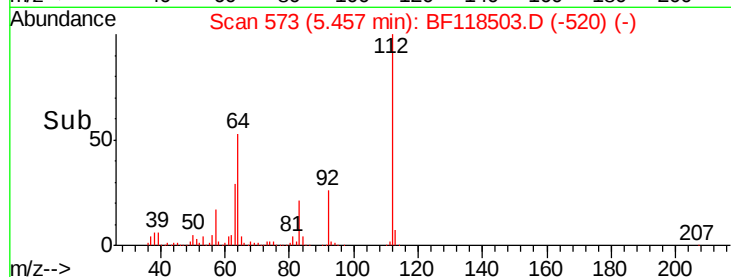
63 28.9 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.183 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

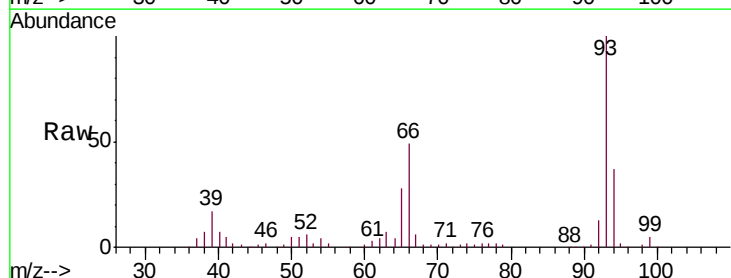
Tgt Ion: 93 Resp: 253084

Ion Ratio Lower Upper

93 100

66 49.0 33.4 50.0

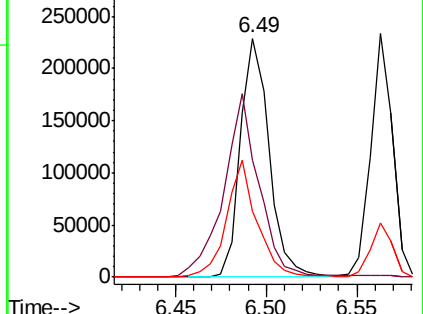
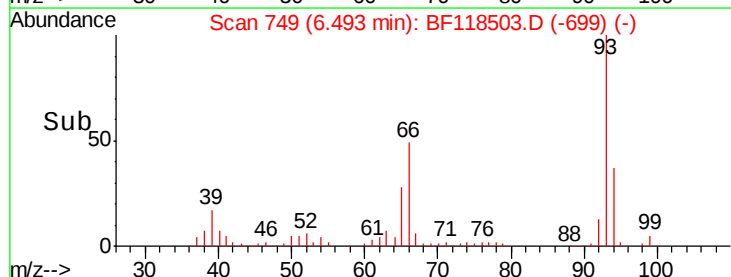
65 27.7 16.7 25.1#

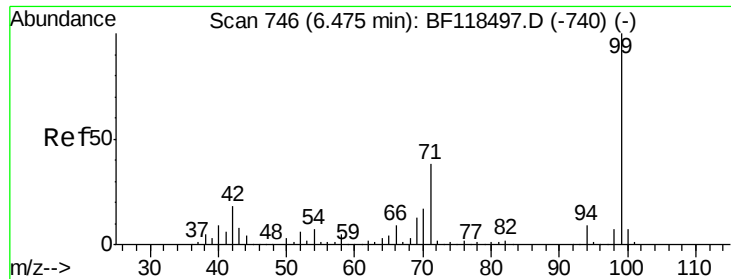


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.042 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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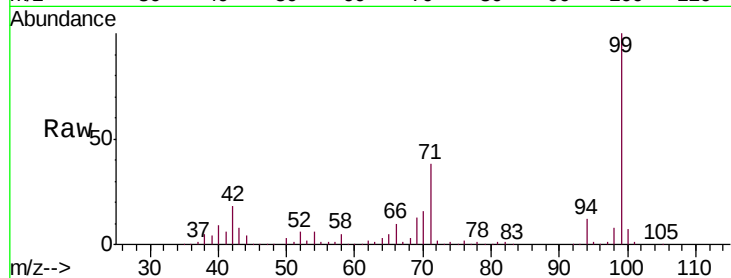
Tgt Ion: 99 Resp: 708844

Ion Ratio Lower Upper

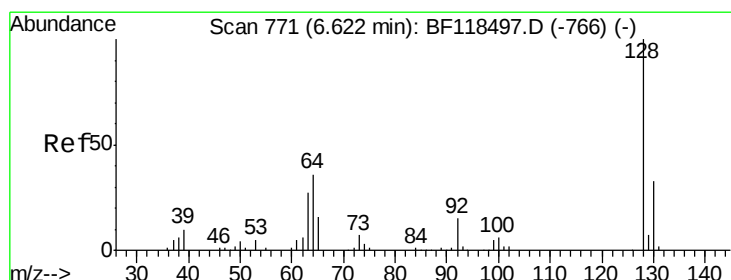
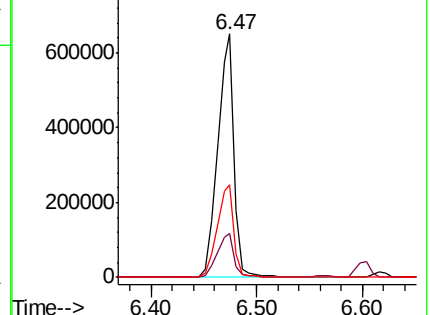
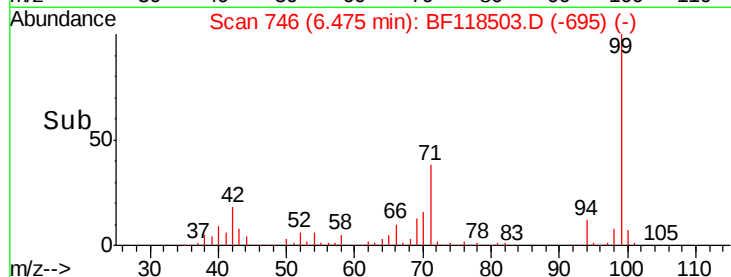
99 100

42 17.8 14.5 21.7

71 38.2 30.6 45.8



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: 42.071 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

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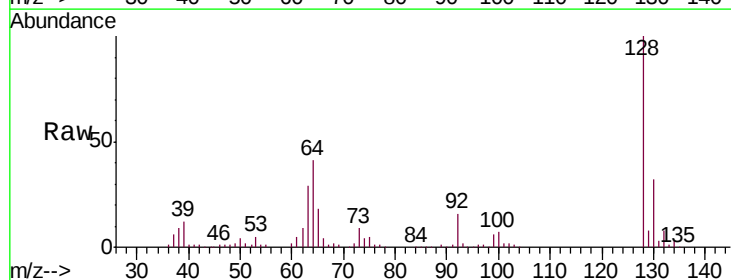
Tgt Ion: 128 Resp: 229097

Ion Ratio Lower Upper

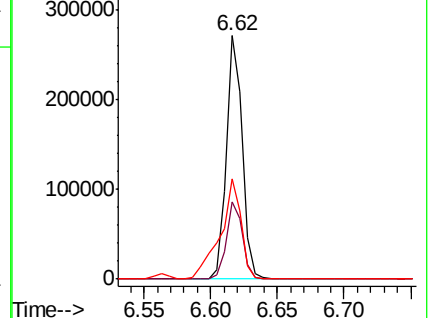
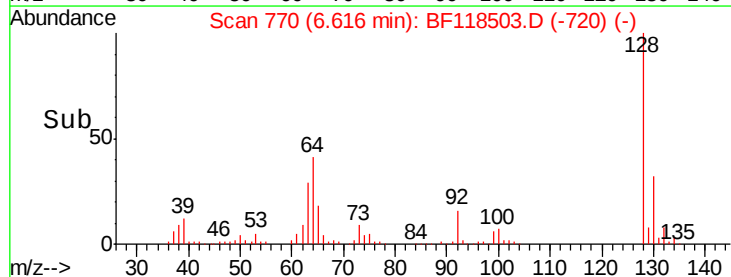
128 100

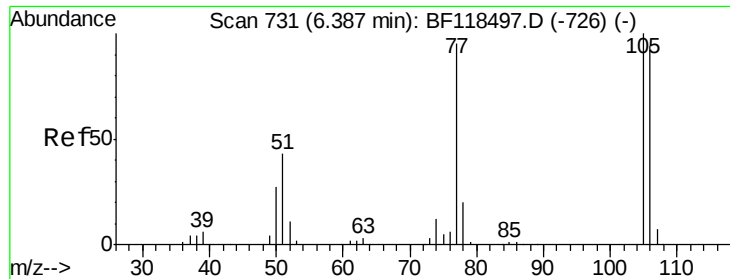
130 31.5 12.7 52.7

64 41.2 17.8 57.8



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: 41.844 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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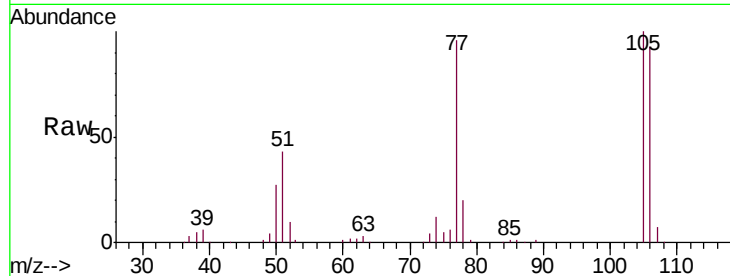
Tgt Ion: 77 Resp: 138712

Ion Ratio Lower Upper

77 100

105 104.5 85.4 125.4

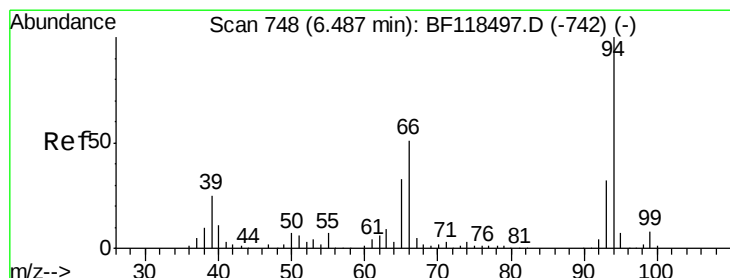
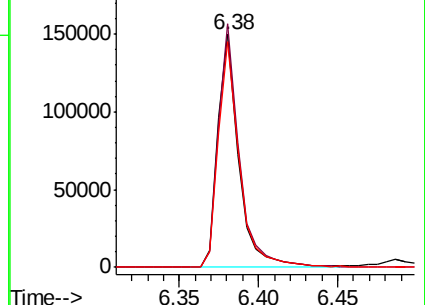
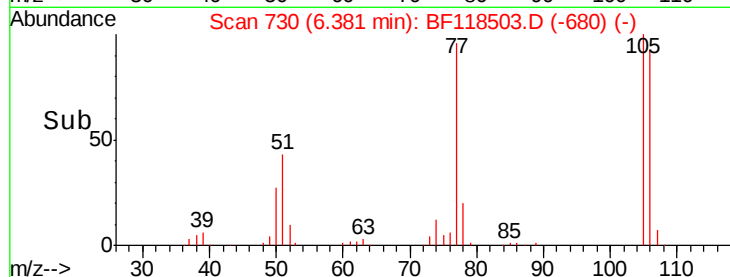
106 97.1 79.5 119.5



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: 44.505 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

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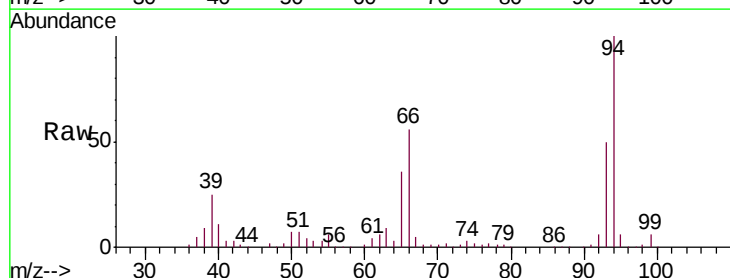
Tgt Ion: 94 Resp: 293654

Ion Ratio Lower Upper

94 100

65 35.5 13.3 53.3

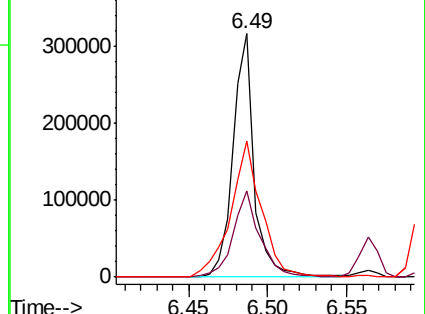
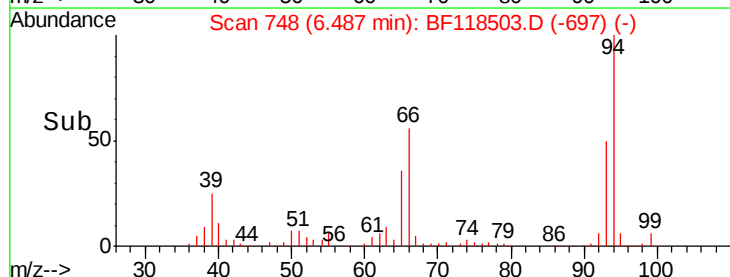
66 55.7 30.9 70.9

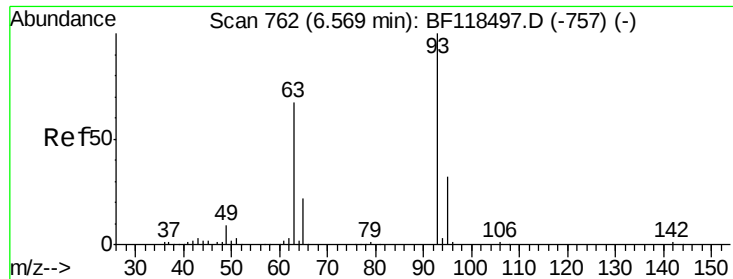


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

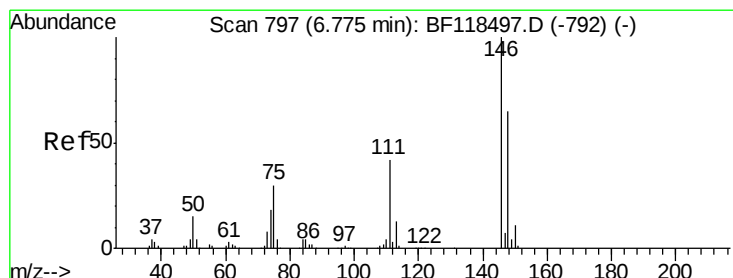
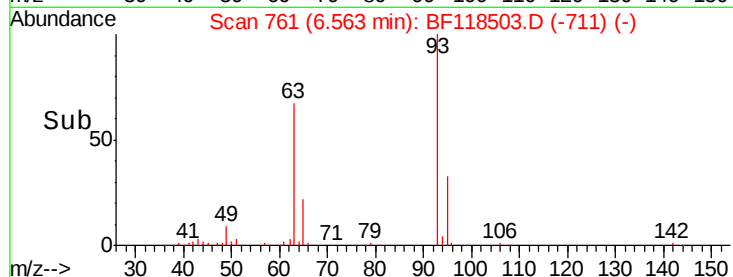
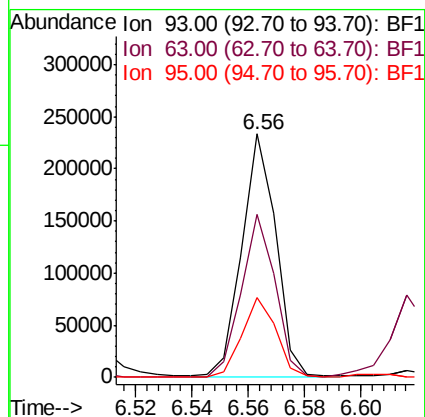
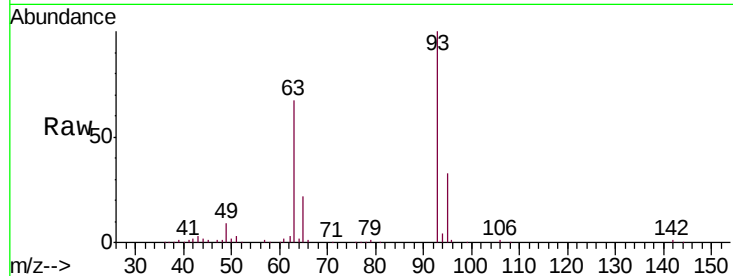




#11
bis(2-Chloroethyl)ether
Concen: 42.019 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

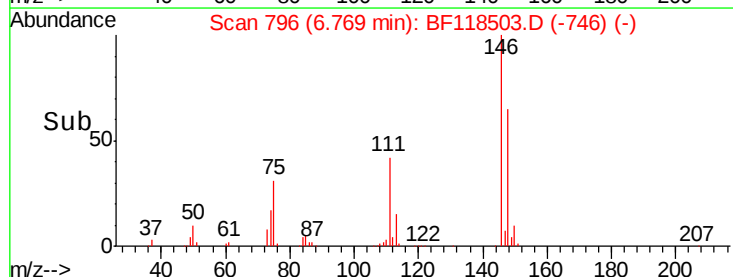
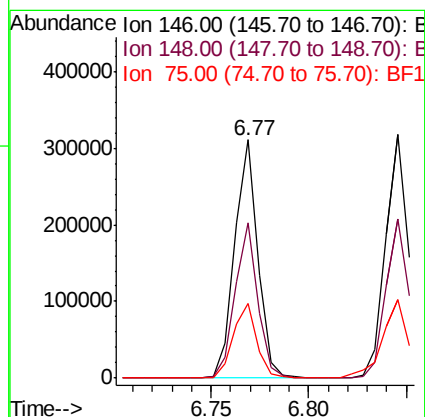
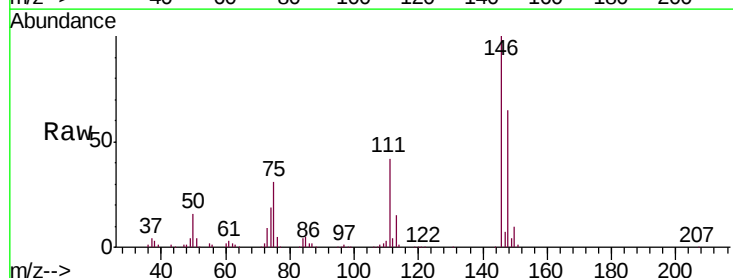
Instrument :
BNA_F
ClientSampleId :
PB125777BS

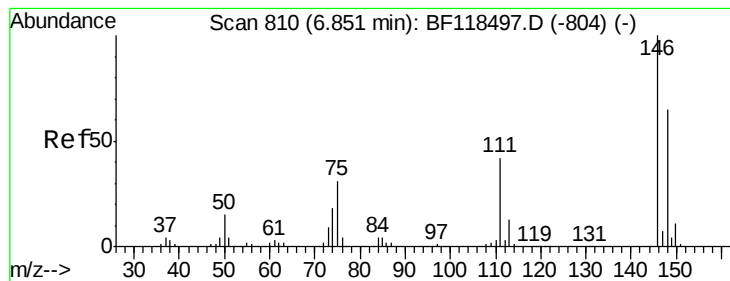
Tgt Ion: 93 Resp: 197661
Ion Ratio Lower Upper
93 100
63 67.0 46.6 86.6
95 32.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.228 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion: 146 Resp: 256084
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
75 31.2 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 40.842 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

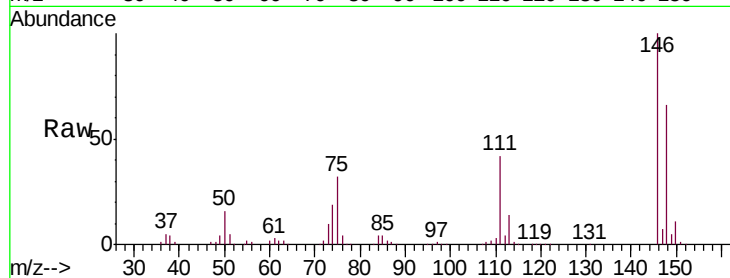
Tgt Ion:146 Resp: 265281

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.2

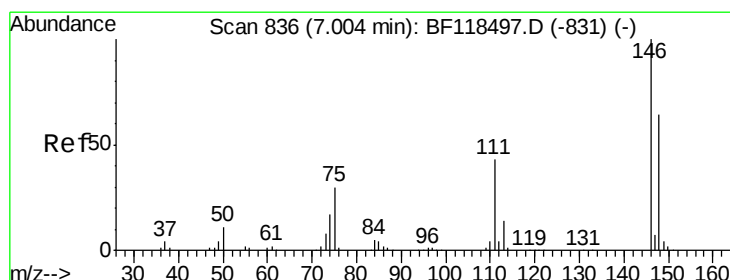
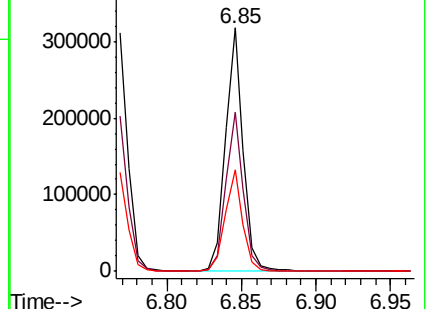
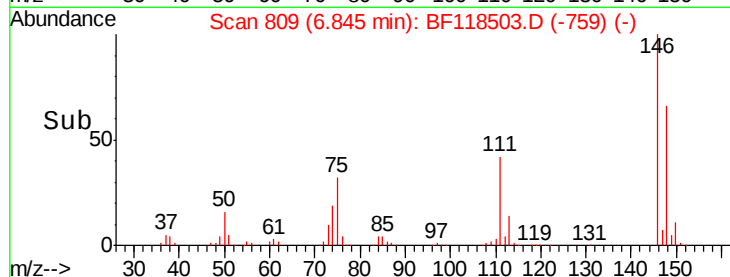
111 41.8 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.256 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

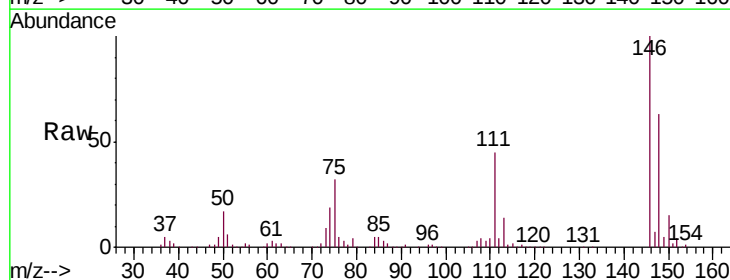
Tgt Ion:146 Resp: 252676

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

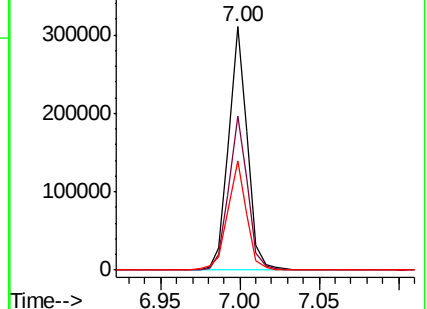
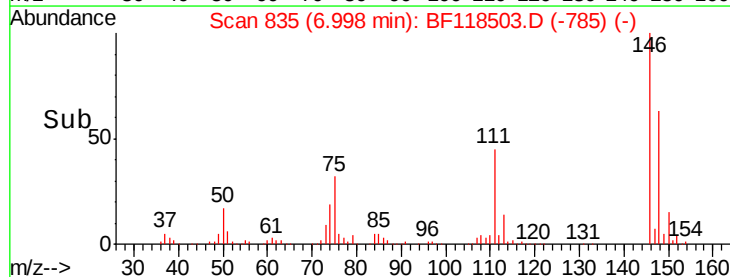
111 44.9 34.7 52.1

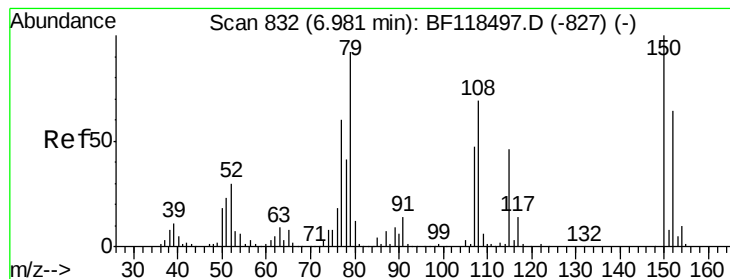


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.272 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

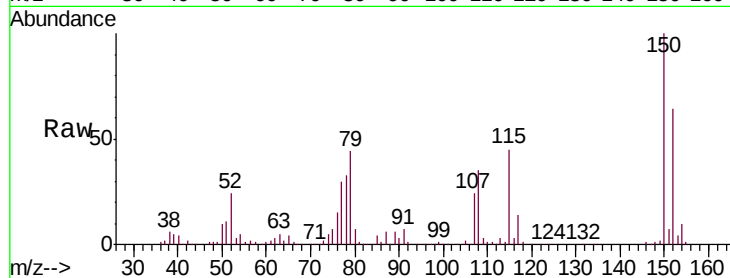
Tgt Ion: 79 Resp: 204183

Ion Ratio Lower Upper

79 100

108 78.4 60.2 90.2

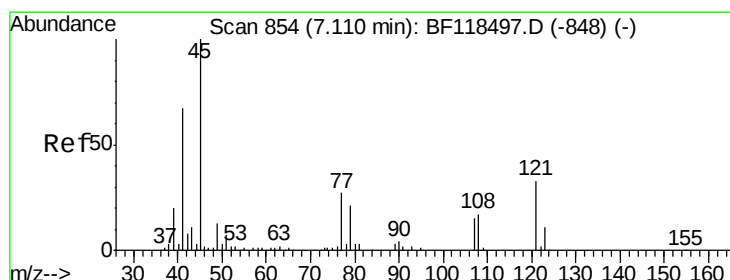
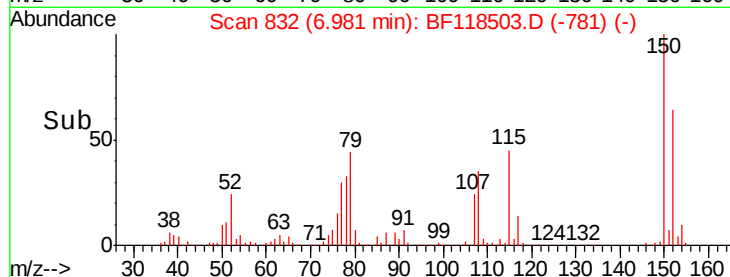
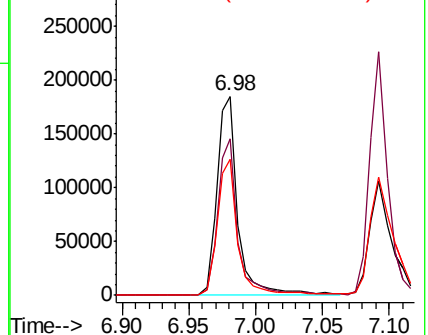
77 68.3 51.8 77.8



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: 38.794 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

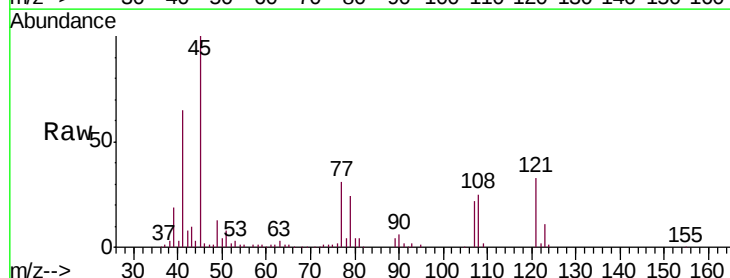
Tgt Ion: 45 Resp: 202440

Ion Ratio Lower Upper

45 100

77 30.7 7.6 47.6

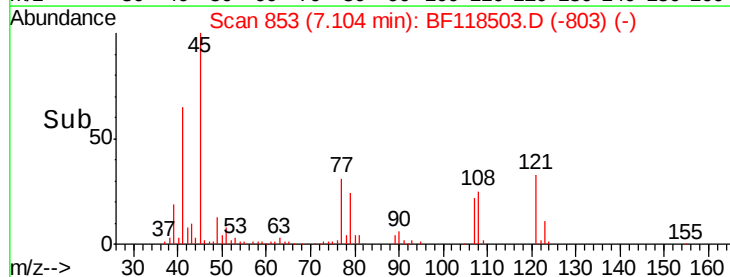
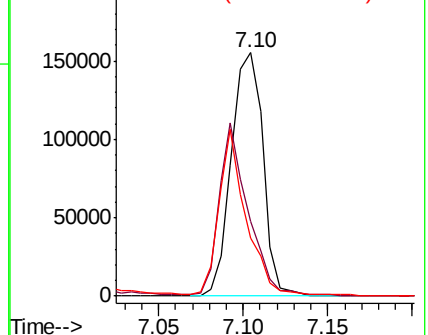
79 23.8 2.0 42.0

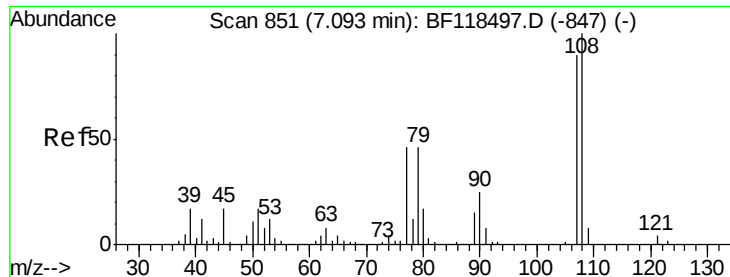


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

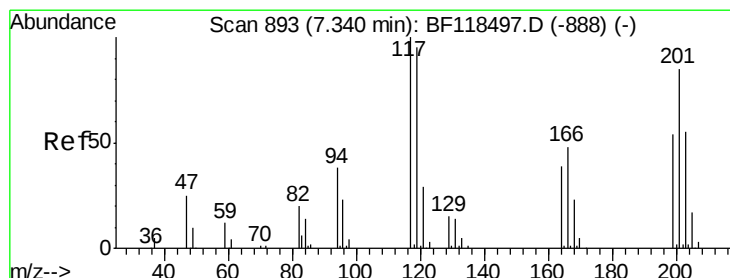
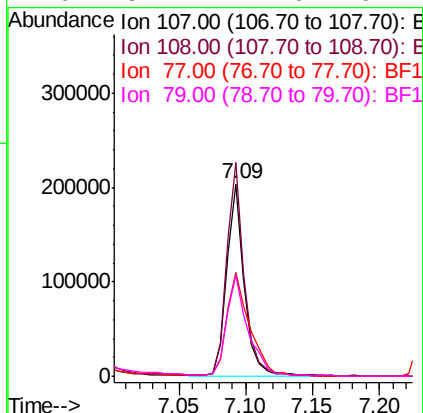
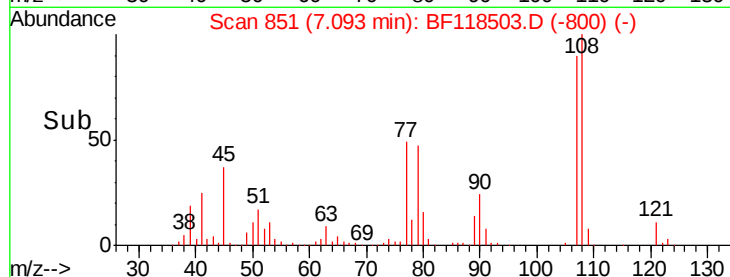
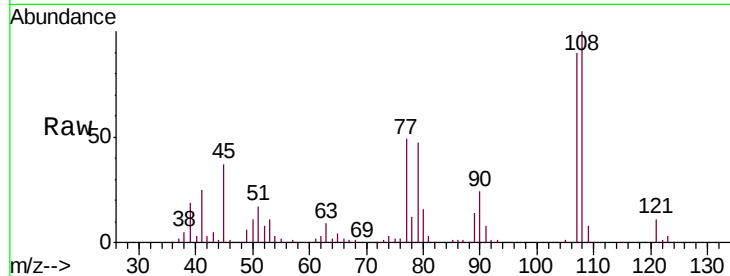




#17
2-Methylphenol
Concen: 42.303 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

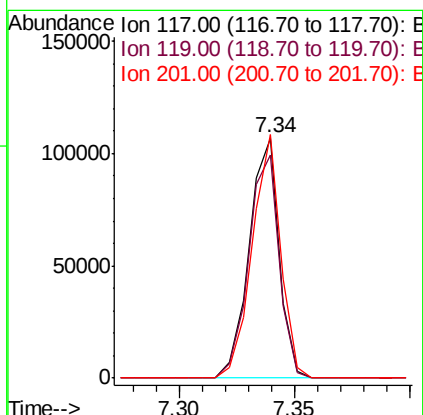
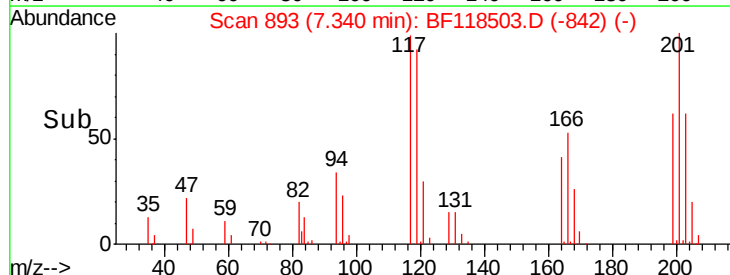
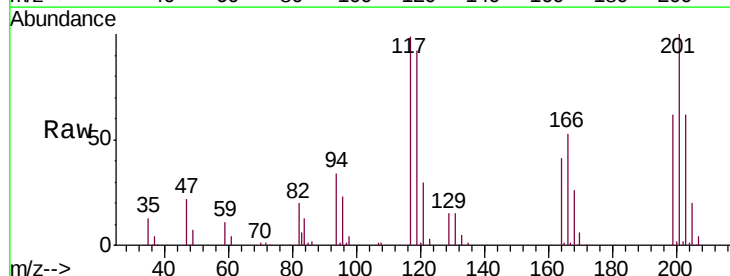
Instrument :
BNA_F
ClientSampleId :
PB125777BS

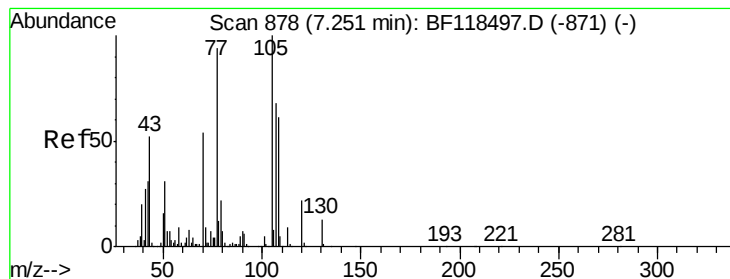
Tgt Ion:107 Resp: 189318
Ion Ratio Lower Upper
107 100
108 111.2 88.9 133.3
77 54.1 41.2 61.8
79 52.4 41.6 62.4



#18
Hexachloroethane
Concen: 39.415 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:117 Resp: 97004
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.4
201 101.4 67.7 101.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.238 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

Tgt Ion: 70 Resp: 154321

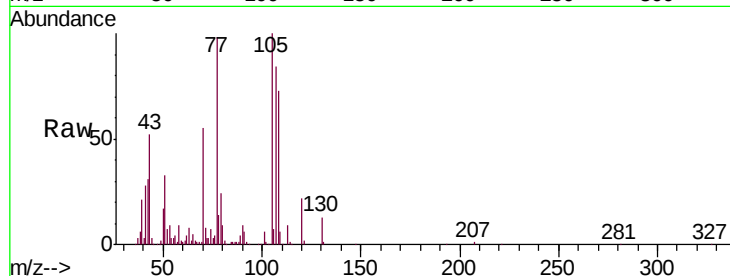
Ion Ratio Lower Upper

70 100

42 56.6 45.6 68.4

101 10.5 8.2 12.2

130 24.1 19.2 28.8

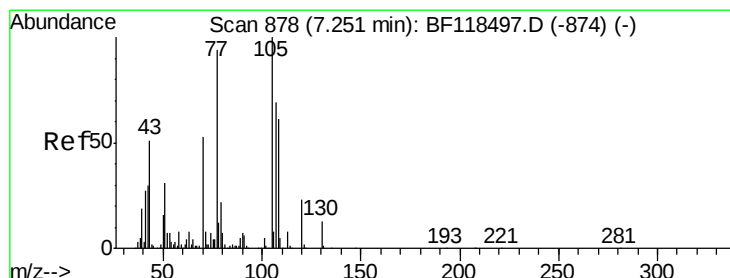
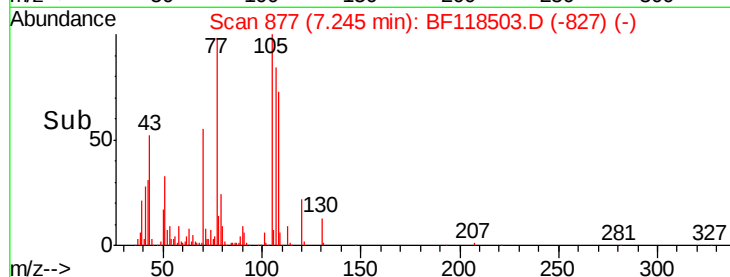
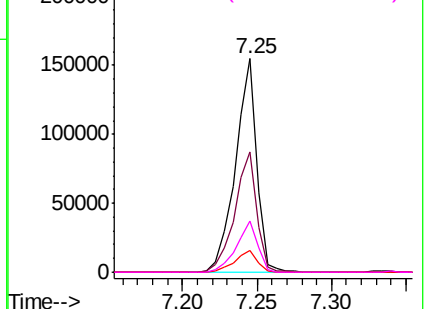


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.593 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion: 107 Resp: 246426

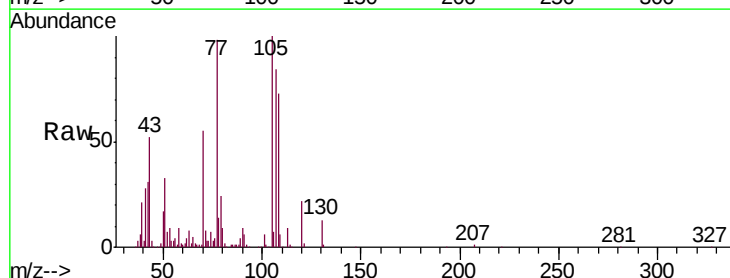
Ion Ratio Lower Upper

107 100

108 86.8 68.9 108.9

77 117.1 116.8 156.8

79 29.0 11.7 51.7

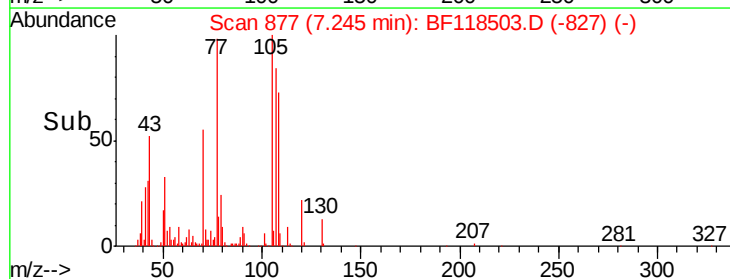
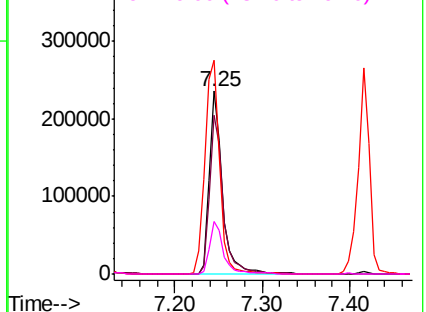


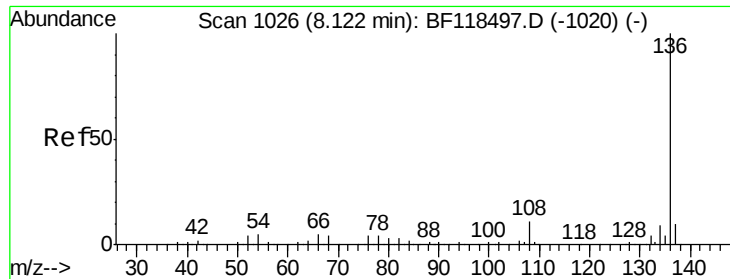
Abundance Ion 107.00 (106.70 to 107.70): E

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

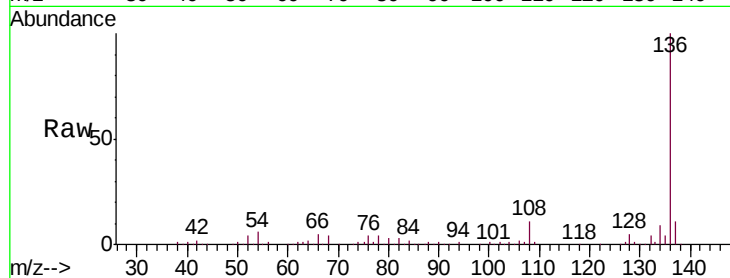




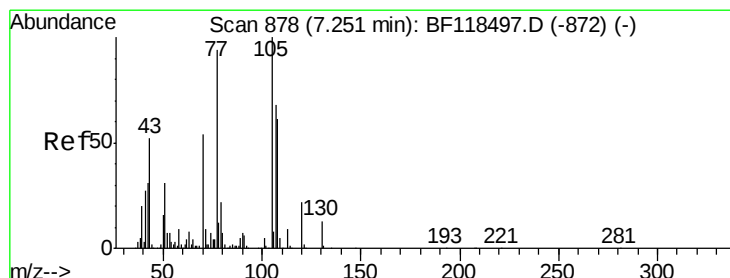
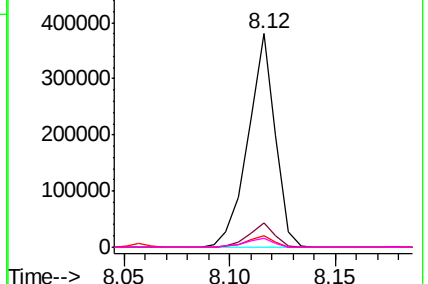
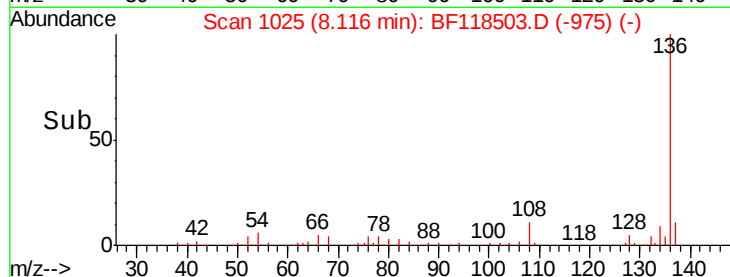
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:	136	Resp:	338640
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.3	12.5
54	5.6	4.2	6.2
68	4.2	3.3	4.9

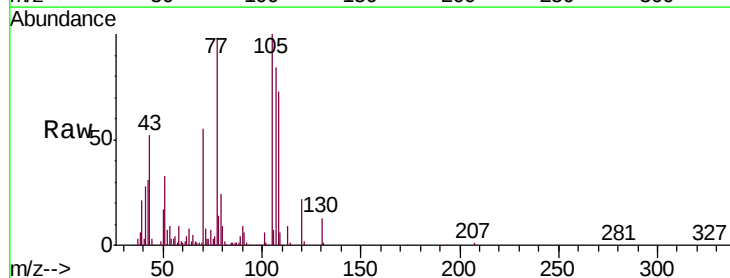


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

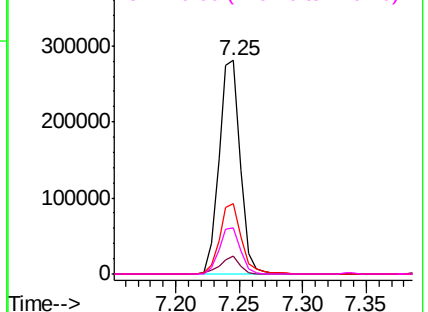
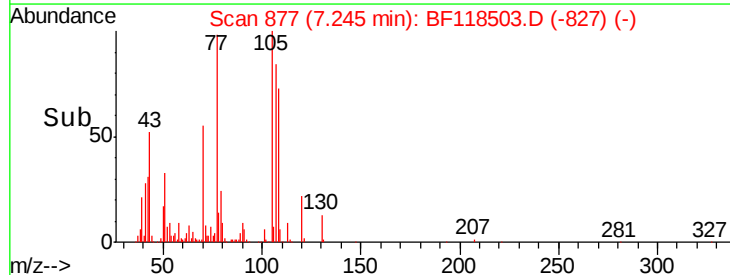


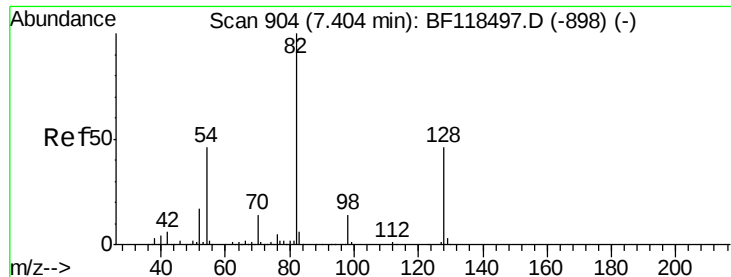
#22
Acetophenone
Concen: 38.176 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:	105	Resp:	327695
Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.9	10.3
51	33.1	25.0	37.4
120	21.6	18.0	27.0



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

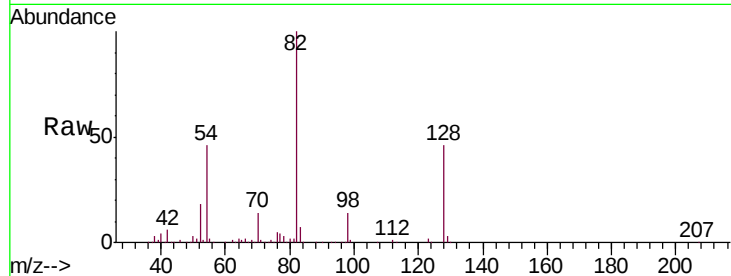




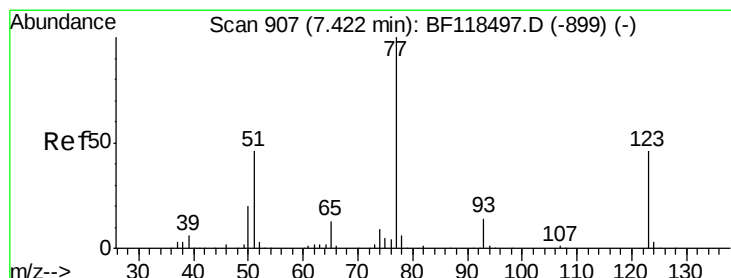
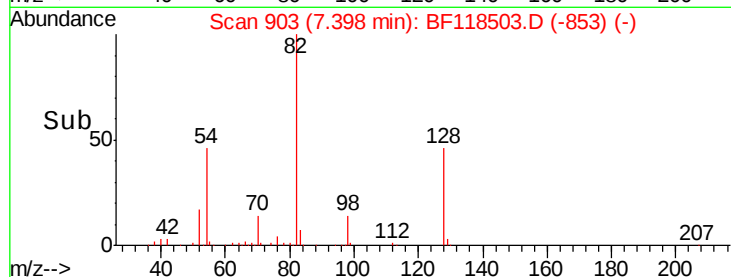
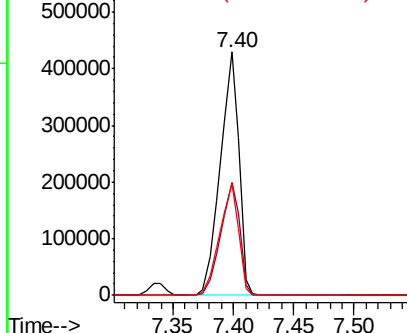
#23
 Nitrobenzene-d5
 Concen: 71.053 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tgt Ion: 82 Resp: 458039
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.6 54.8
 54 46.1 37.0 55.6

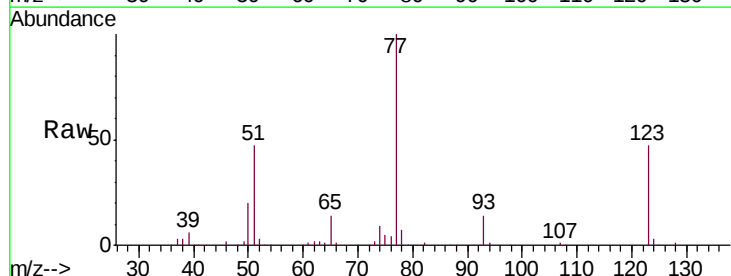


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

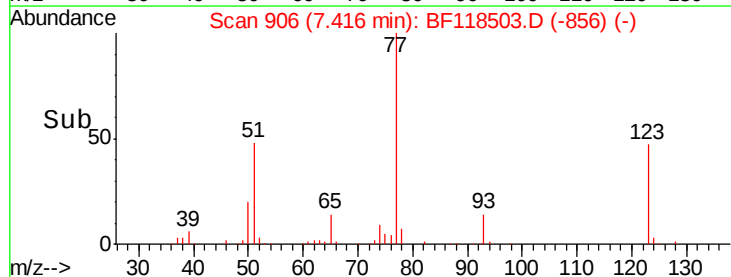
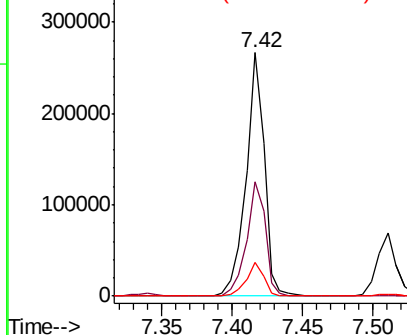


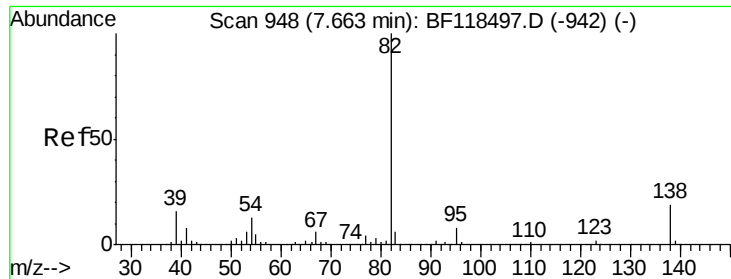
#24
 Nitrobenzene
 Concen: 37.770 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion: 77 Resp: 242106
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.0 55.4
 65 13.7 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.377 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

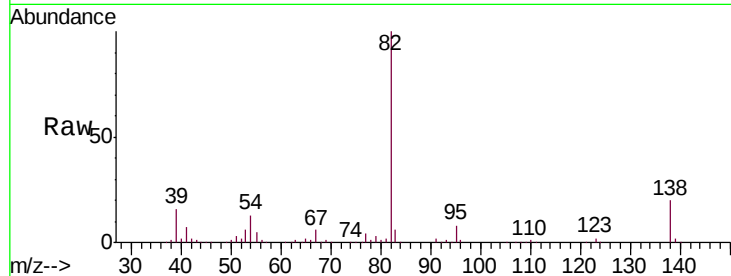
Tgt Ion: 82 Resp: 416985

Ion Ratio Lower Upper

82 100

95 8.4 6.6 9.8

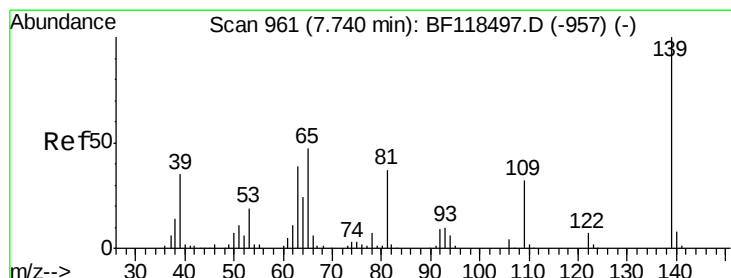
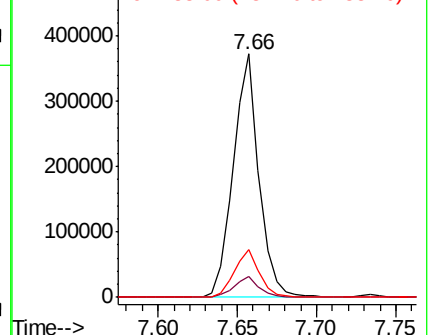
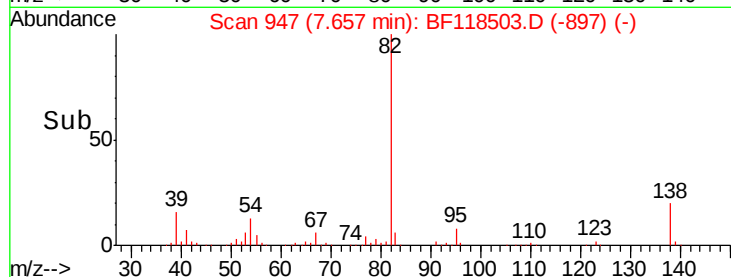
138 19.6 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.362 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

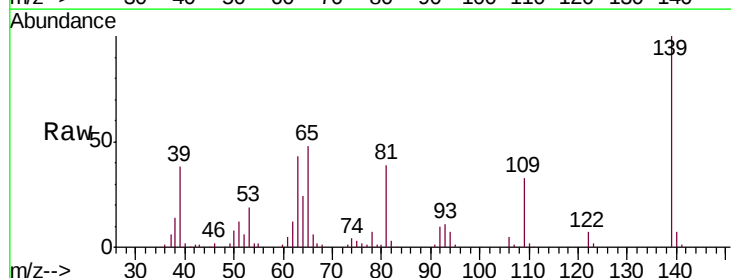
Tgt Ion: 139 Resp: 130904

Ion Ratio Lower Upper

139 100

109 32.8 25.7 38.5

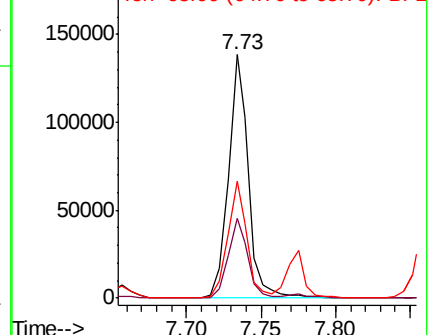
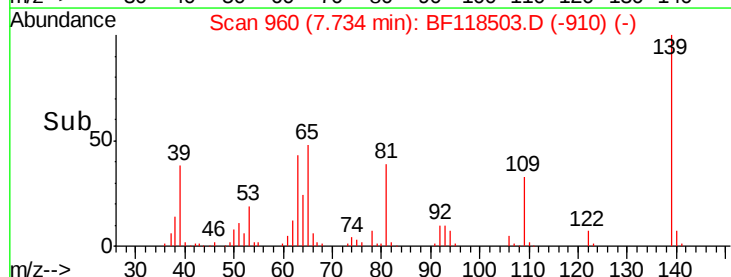
65 48.2 37.8 56.6

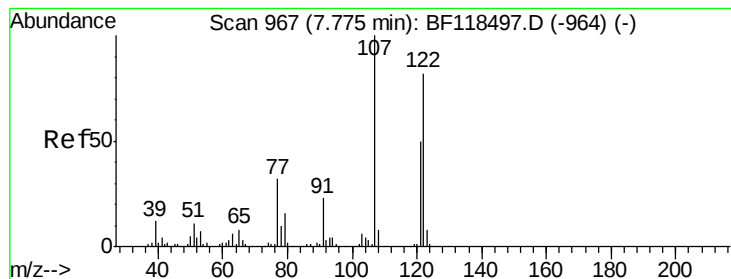


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

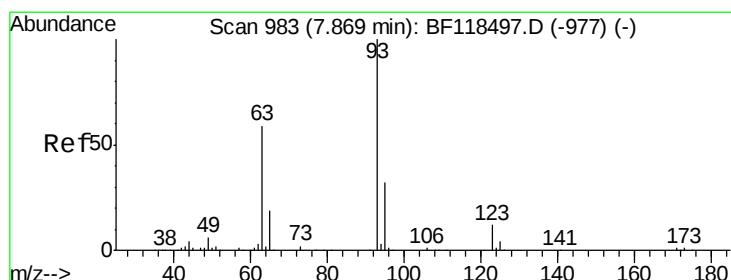
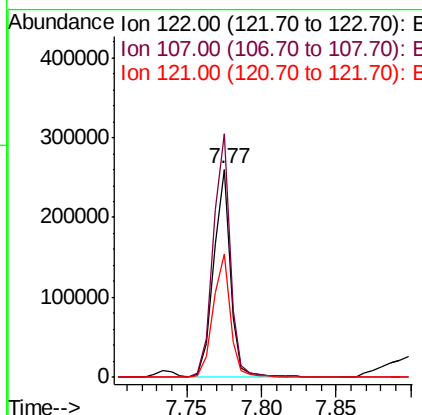
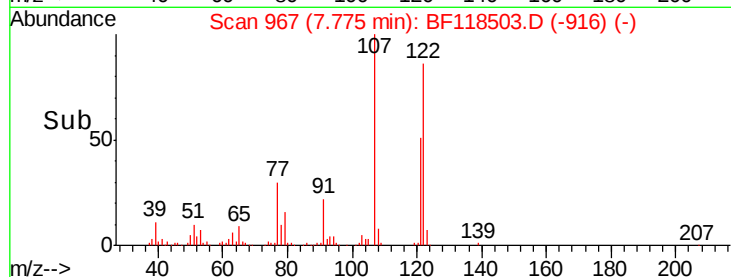
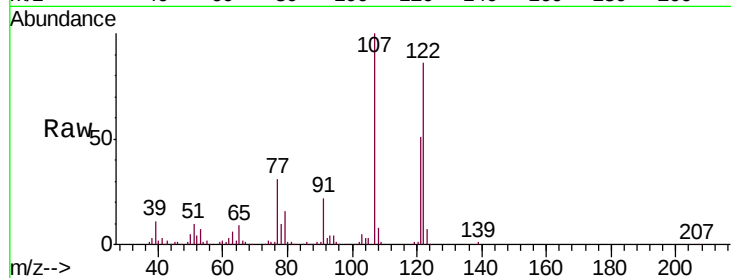




#27
 2,4-Dimethylphenol
 Concen: 47.598 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

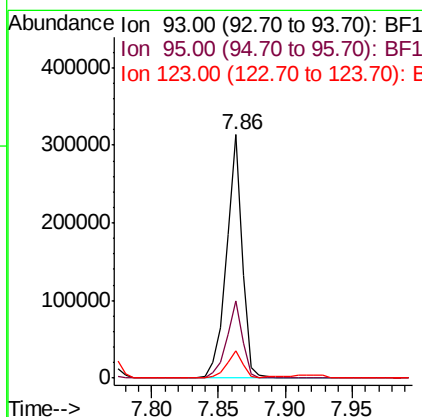
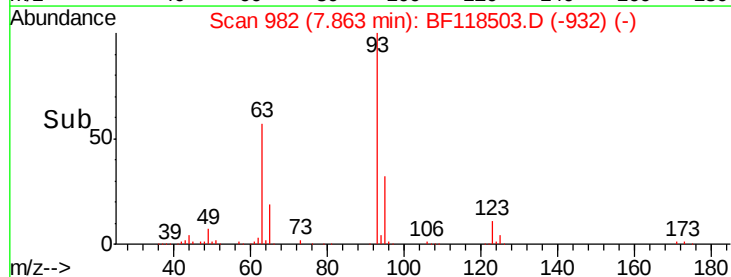
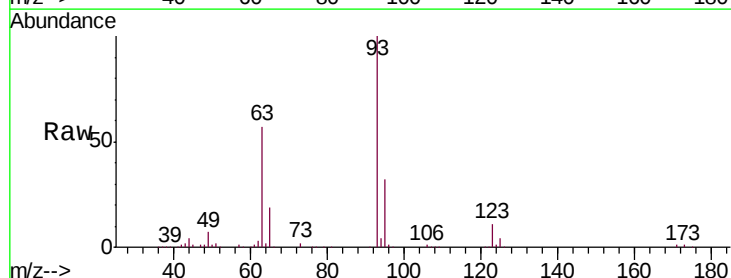
Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

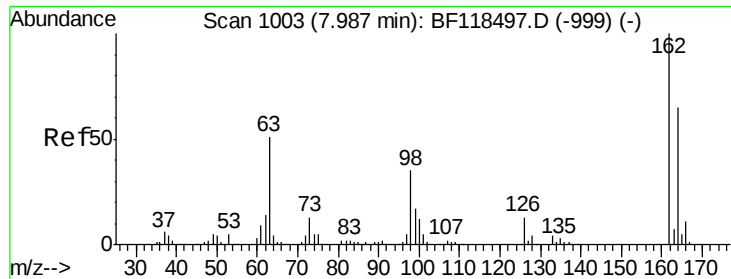
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.8	97.9	146.9
121	59.4	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.632 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.9	38.9
123	11.2	9.7	14.5

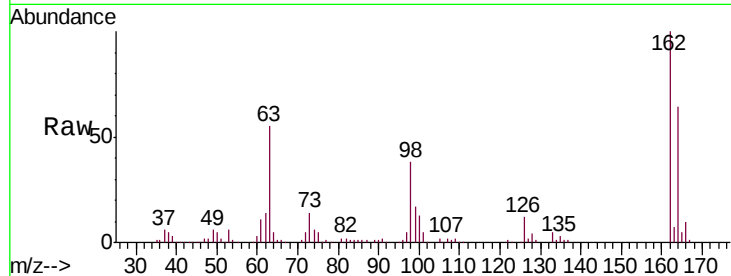




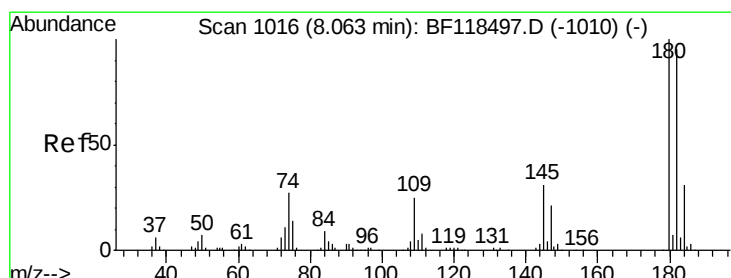
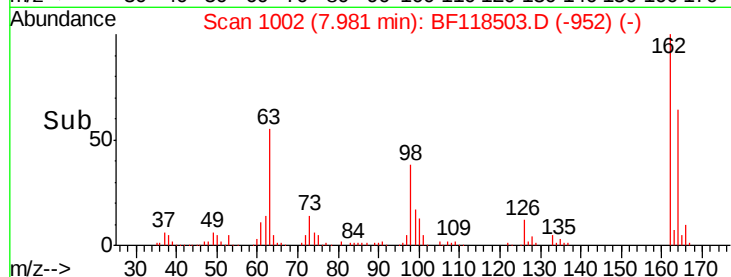
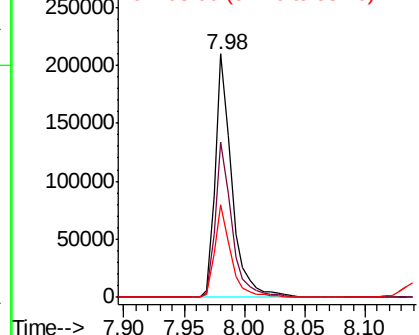
#29
2,4-Dichlorophenol
Concen: 40.126 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampled :
PB125777BS

Tgt Ion:162 Resp: 199403
Ion Ratio Lower Upper
162 100
164 64.0 44.8 84.8
98 37.9 15.1 55.1

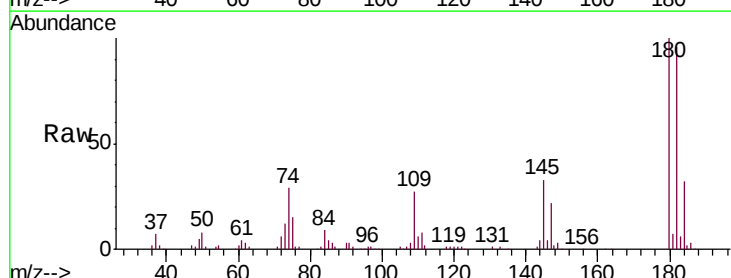


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

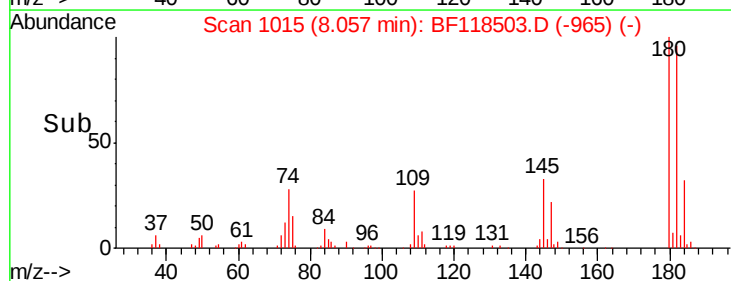
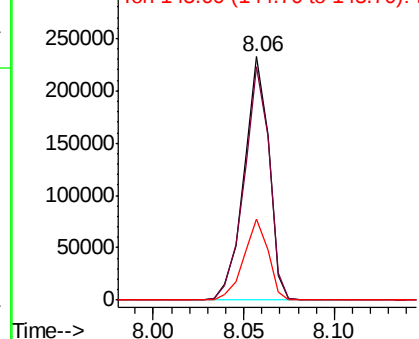


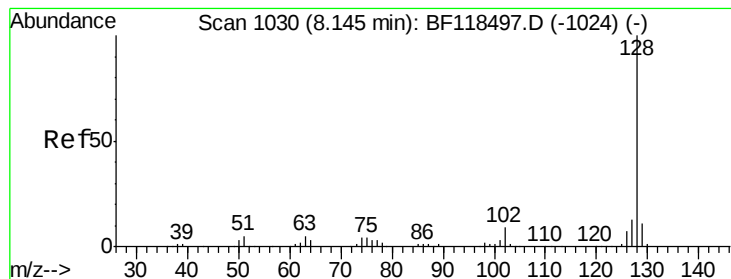
#30
1,2,4-Trichlorobenzene
Concen: 38.272 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:180 Resp: 220900
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 33.4 25.0 37.6



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: 40.391 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

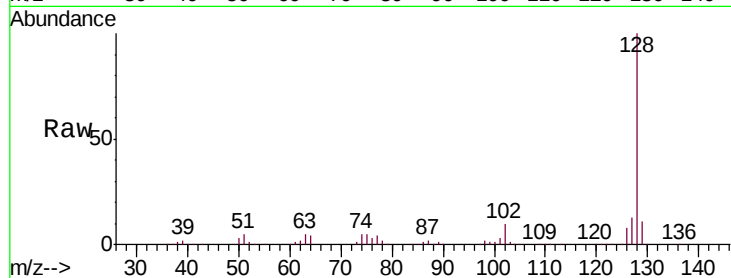
Tgt Ion:128 Resp: 715470

Ion Ratio Lower Upper

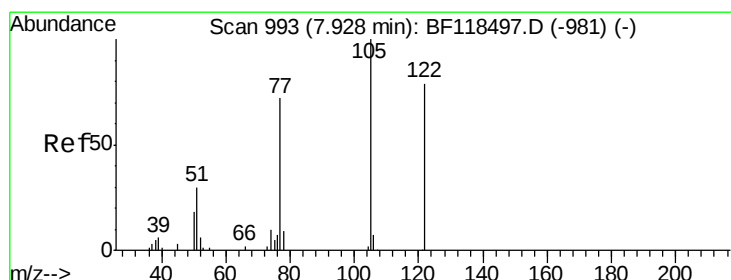
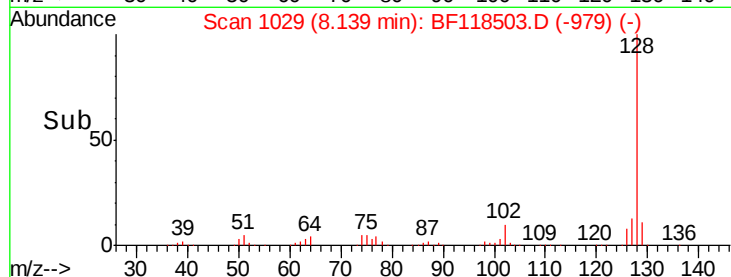
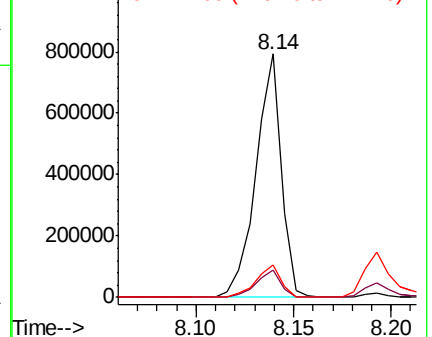
128 100

129 11.1 8.6 12.8

127 13.2 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.483 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

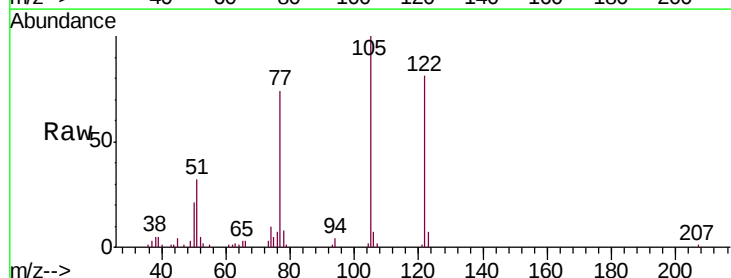
Tgt Ion:122 Resp: 115220

Ion Ratio Lower Upper

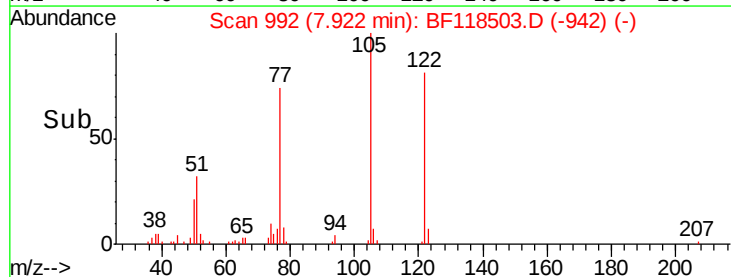
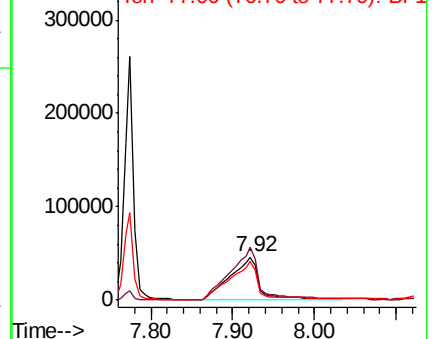
122 100

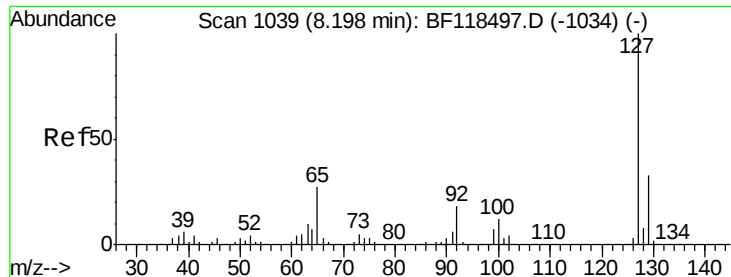
105 122.7 105.7 145.7

77 90.4 71.0 111.0



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

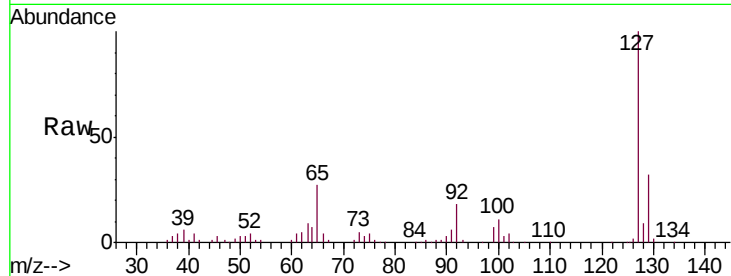




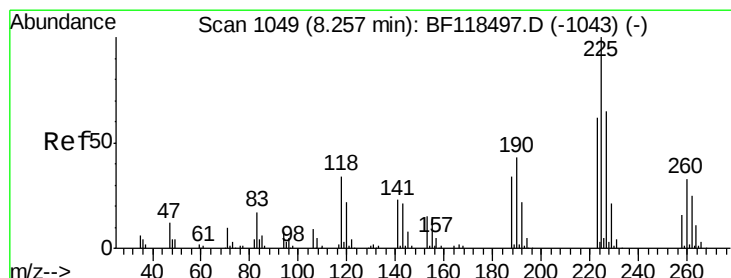
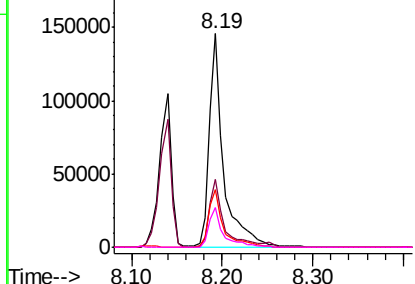
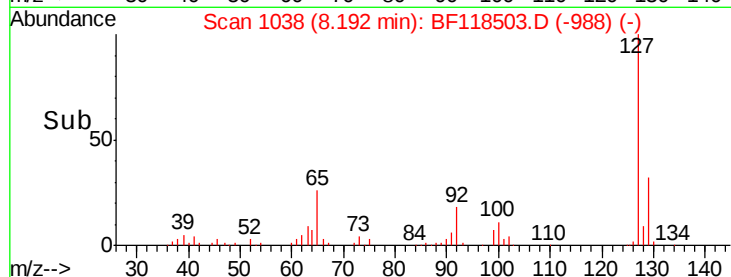
#33
4-Chloroaniline
Concen: 22.562 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:	127	Resp:	164536
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	27.0	21.6	32.4
92	18.4	14.3	21.5

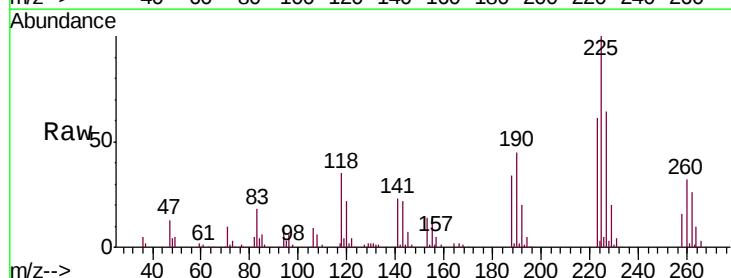


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

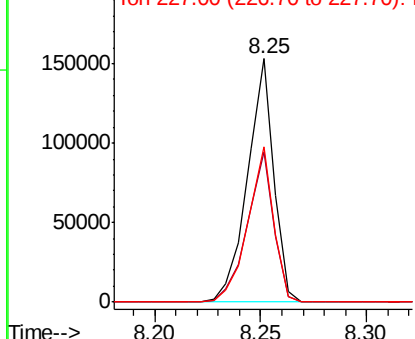
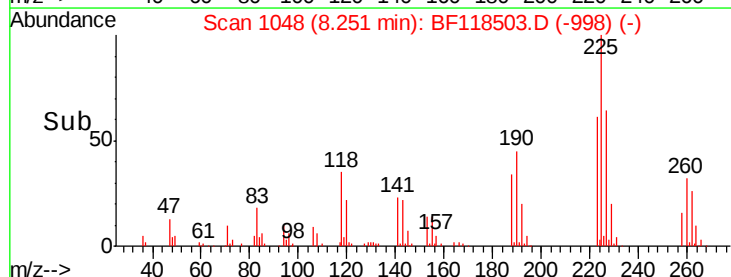


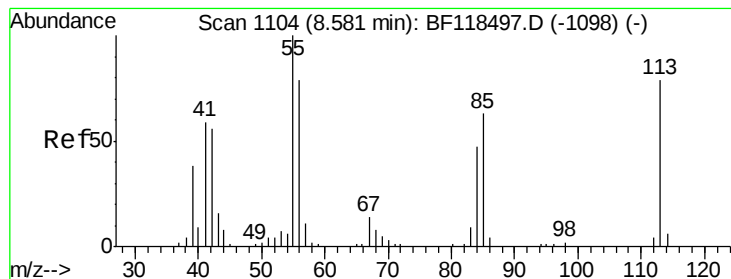
#34
Hexachlorobutadiene
Concen: 37.449 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:	225	Resp:	132681
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.9	74.9
227	63.9	51.8	77.6



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: 20.814 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

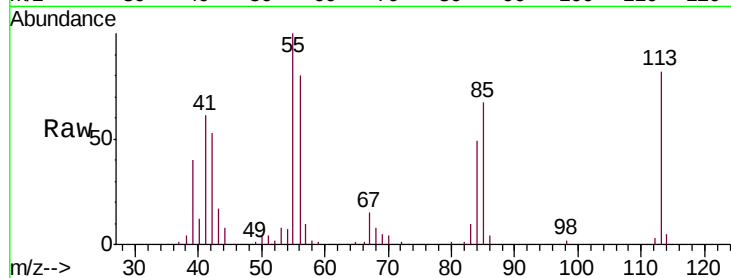
Tgt Ion:113 Resp: 31158

Ion Ratio Lower Upper

113 100

55 122.0 106.5 146.5

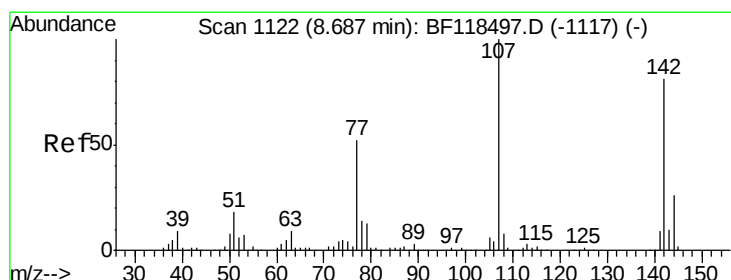
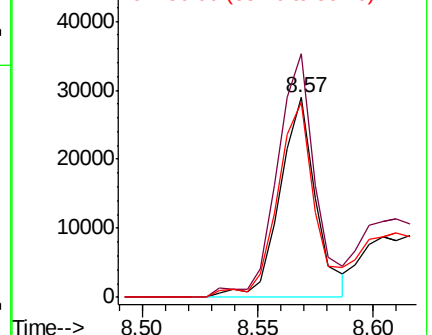
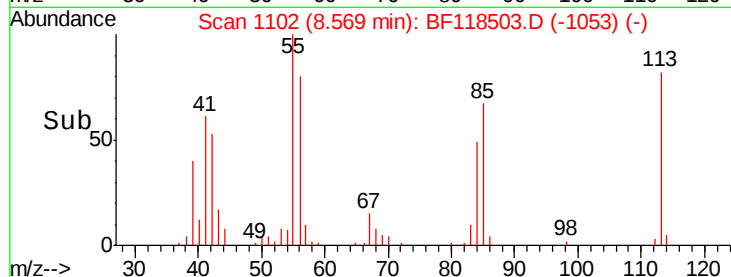
56 98.0 80.1 120.1



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: 38.933 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

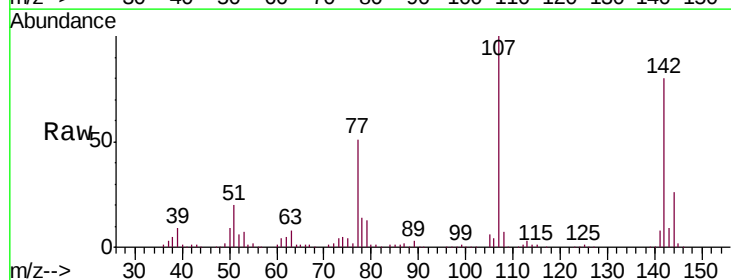
Tgt Ion:107 Resp: 207998

Ion Ratio Lower Upper

107 100

144 26.2 20.6 31.0

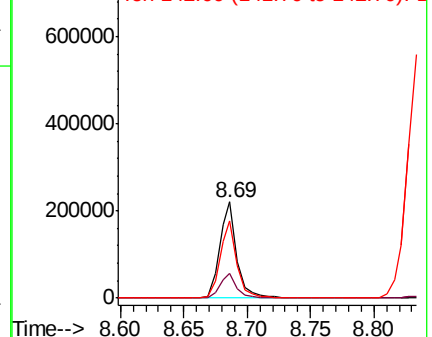
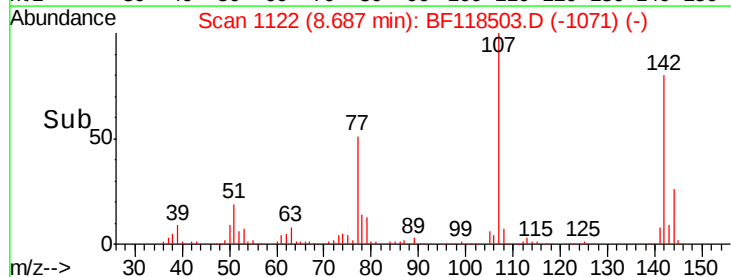
142 79.7 65.0 97.4

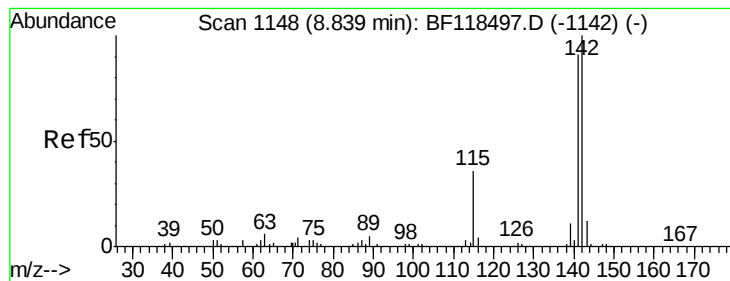


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.528 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

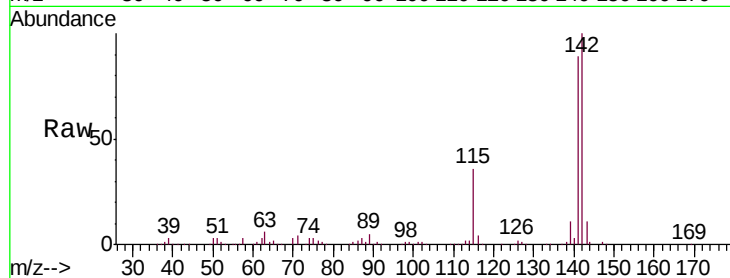
Tgt Ion:142 Resp: 468393

Ion Ratio Lower Upper

142 100

141 89.0 73.0 109.6

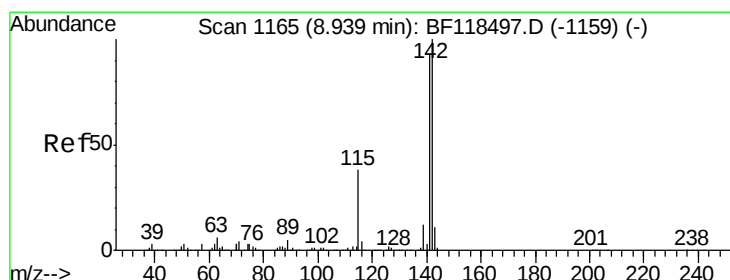
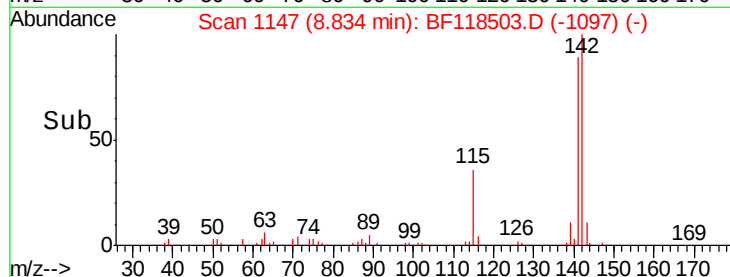
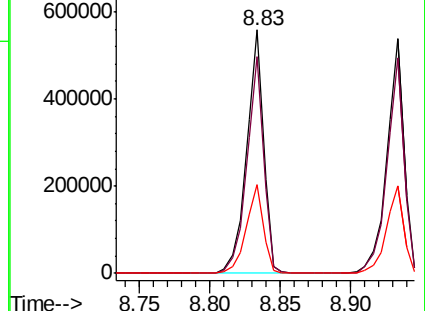
115 36.2 28.4 42.6



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: 39.344 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

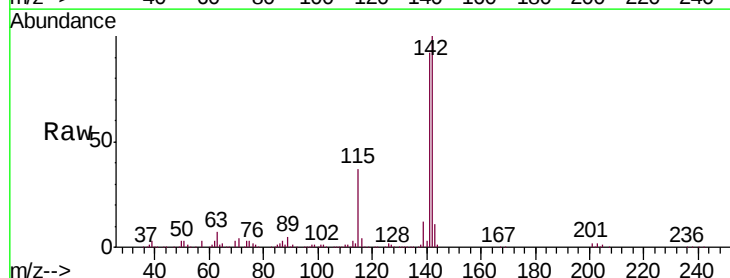
Tgt Ion:142 Resp: 449084

Ion Ratio Lower Upper

142 100

141 92.2 74.3 111.5

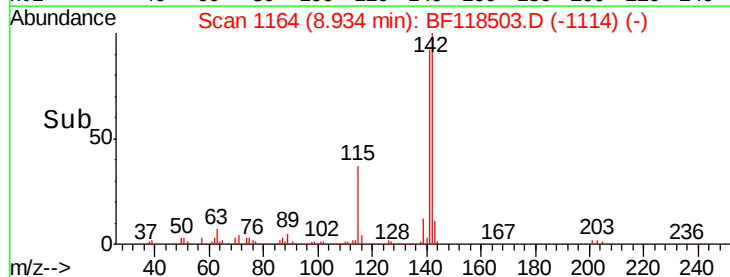
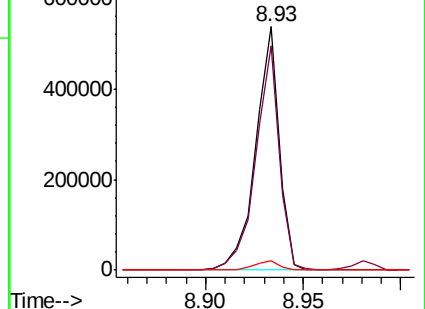
116 4.0 3.2 4.8

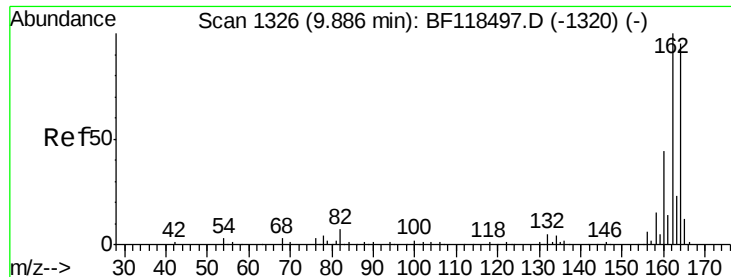


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

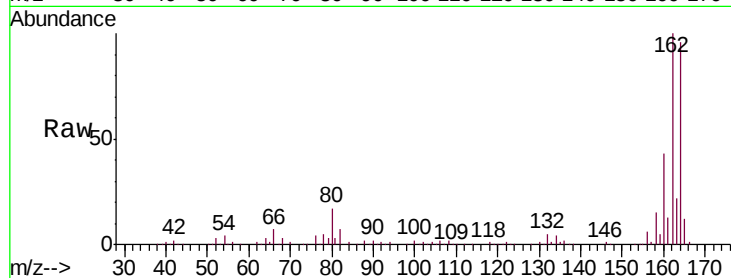
Tgt Ion:164 Resp: 210121

Ion Ratio Lower Upper

164 100

162 103.6 84.2 126.4

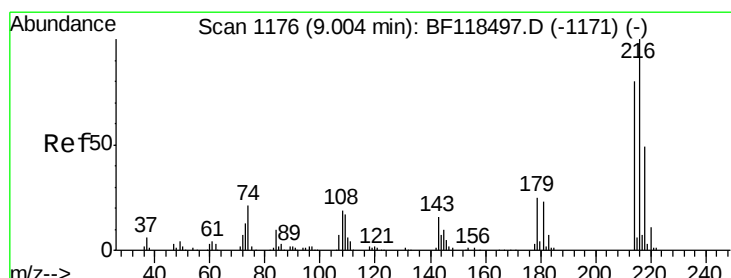
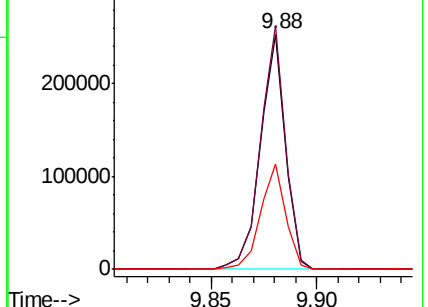
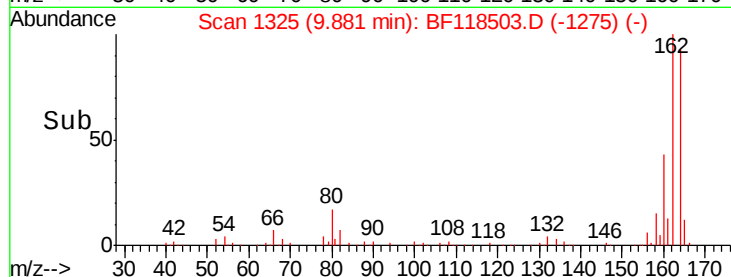
160 44.8 36.8 55.2



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: 32.152 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion:216 Resp: 207572

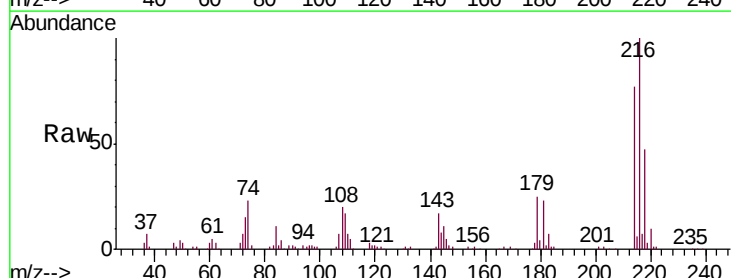
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 23.6 18.7 28.1

108 20.4 15.3 22.9

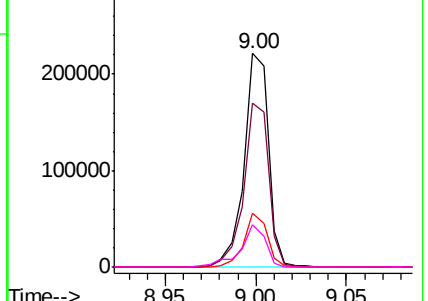
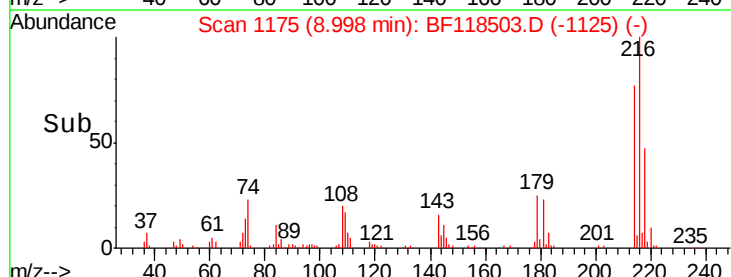


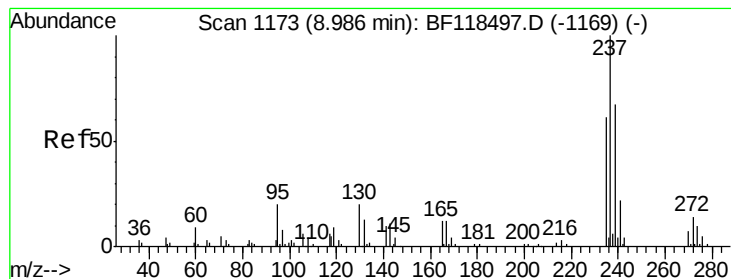
Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.533 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

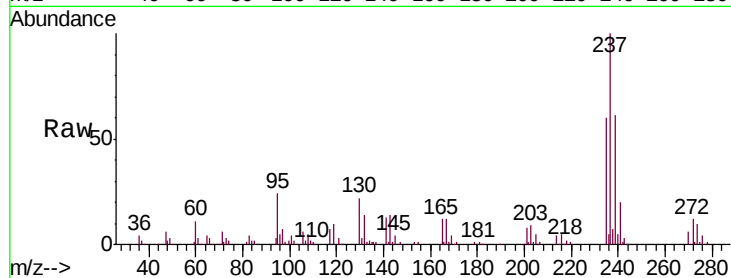
Tgt Ion: 237 Resp: 129475

Ion Ratio Lower Upper

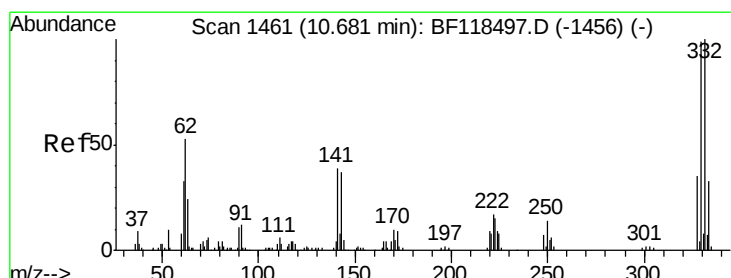
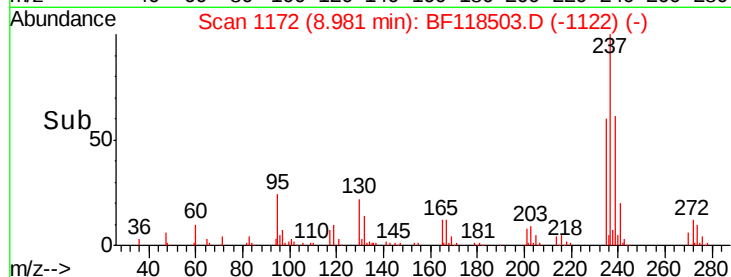
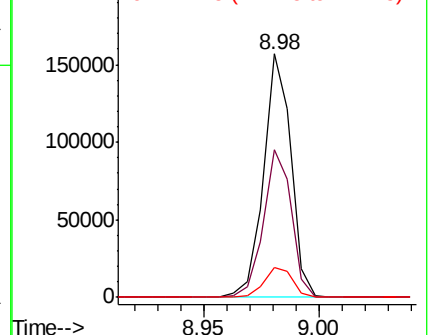
237 100

235 60.5 40.8 80.8

272 12.3 0.0 34.2



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: 106.300 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

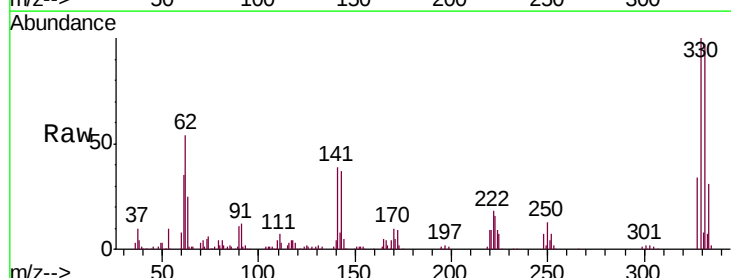
Tgt Ion: 330 Resp: 263558

Ion Ratio Lower Upper

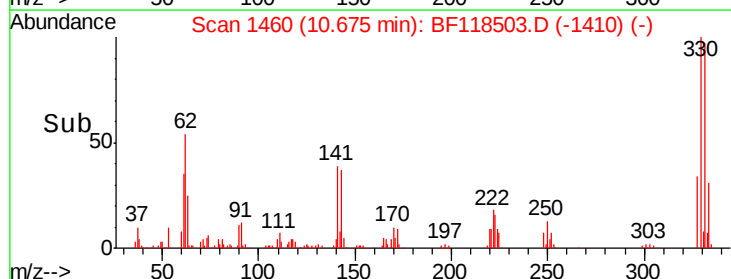
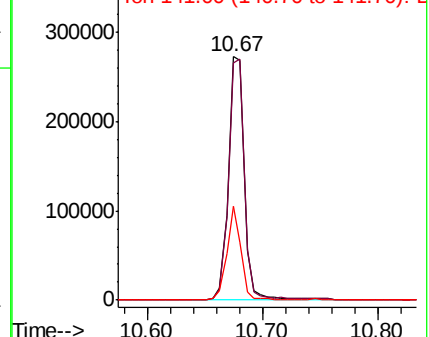
330 100

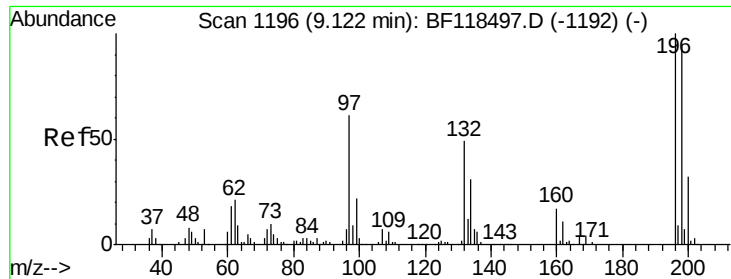
332 99.5 77.9 116.9

141 33.7 28.6 43.0



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

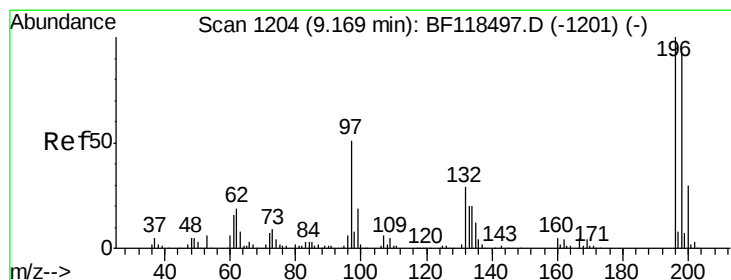
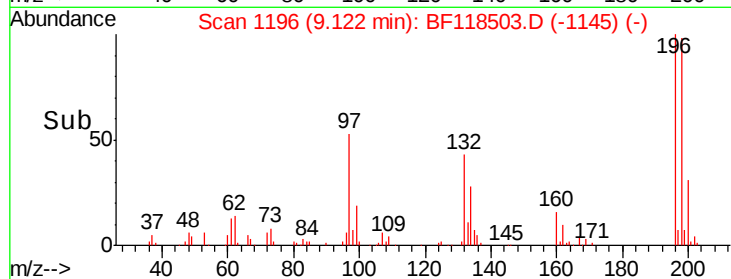
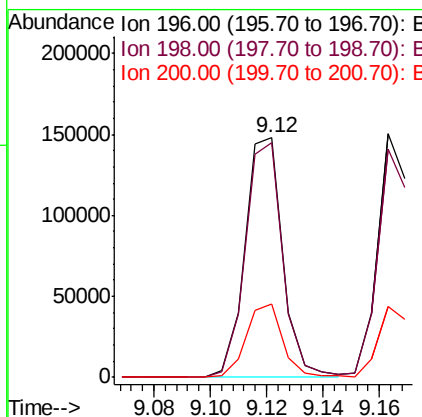
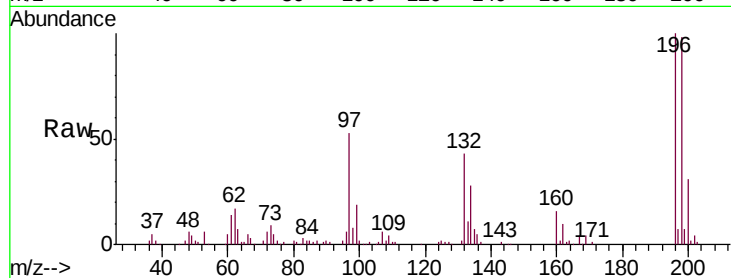




#43
 2,4,6-Trichlorophenol
 Concen: 34.379 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

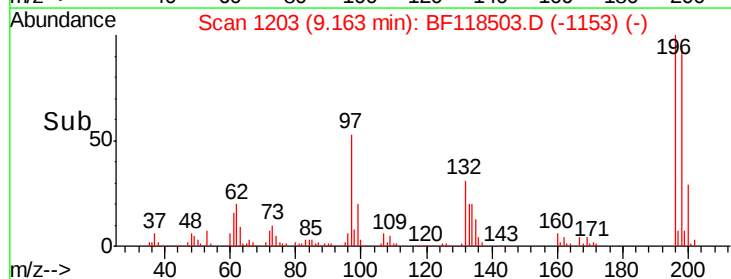
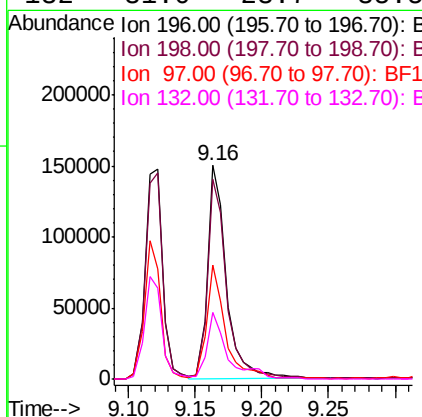
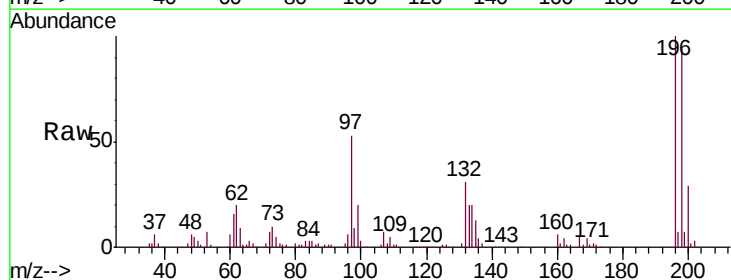
Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

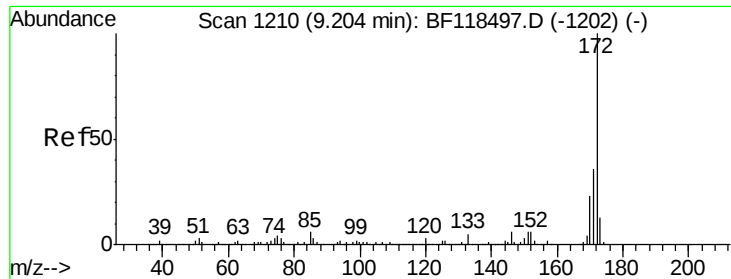
Tgt Ion:196 Resp: 137153
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.2 114.4
 200 30.8 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.031 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion:196 Resp: 148750
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.7 112.1
 97 53.5 40.7 61.1
 132 31.0 23.7 35.5

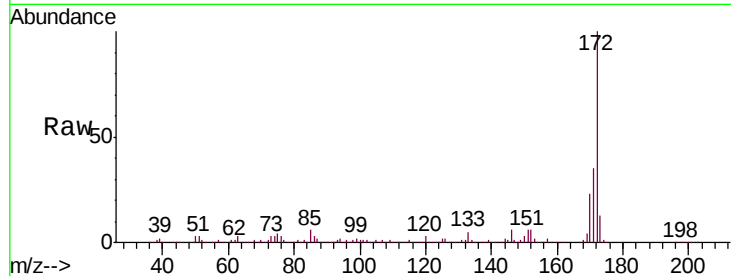




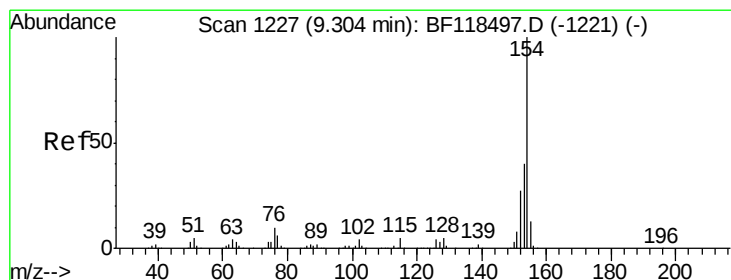
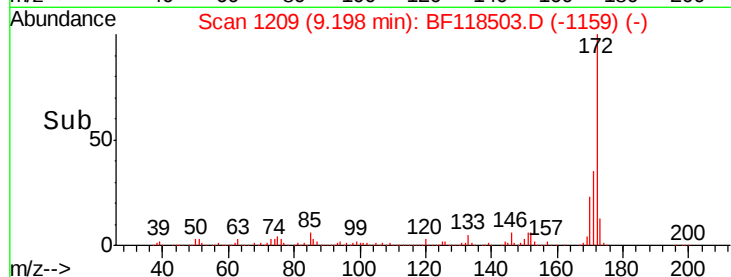
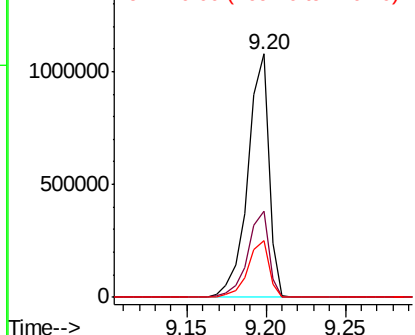
#45
2-Fluorobiphenyl
Concen: 67.547 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:172 Resp: 989610
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.2 18.6 27.8

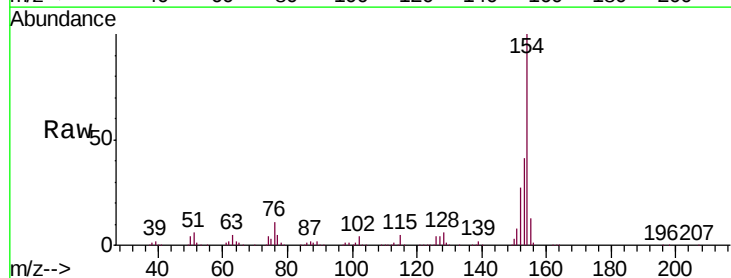


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

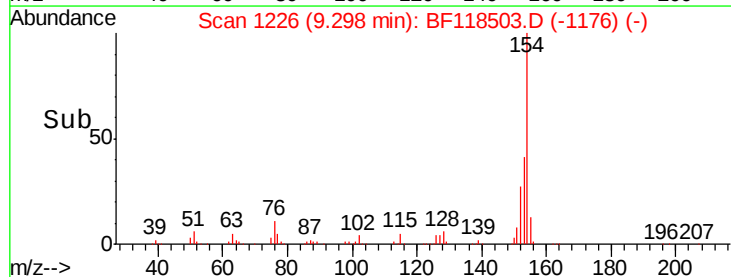
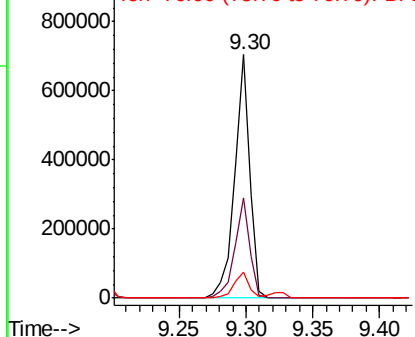


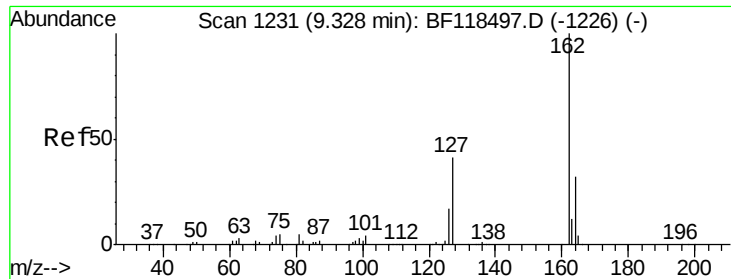
#46
1,1'-Biphenyl
Concen: 32.925 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:154 Resp: 565271
Ion Ratio Lower Upper
154 100
153 41.4 20.2 60.2
76 10.8 0.0 30.4



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

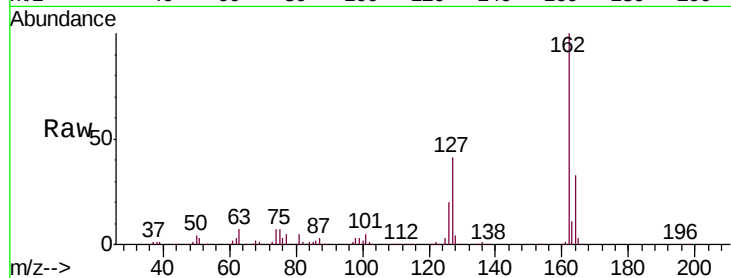




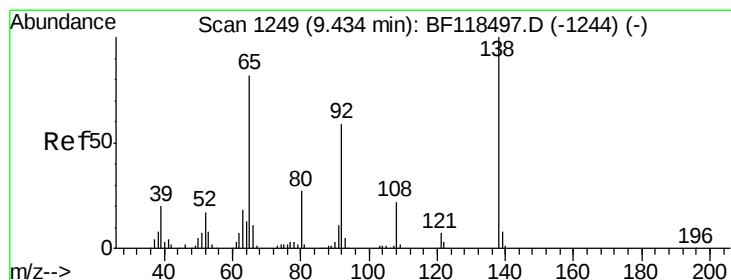
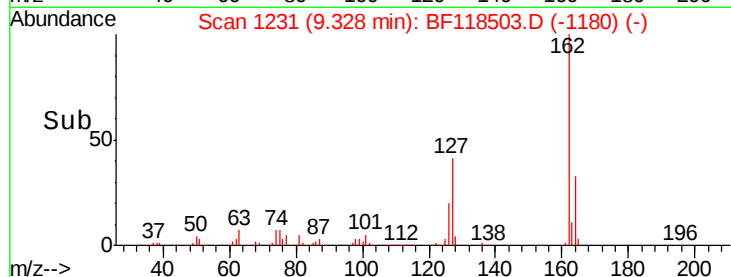
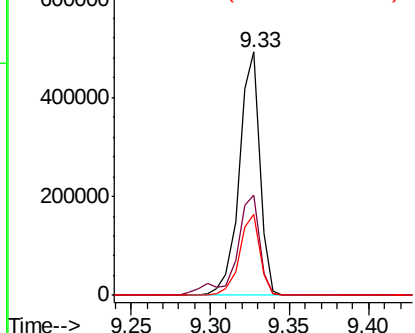
#47
 2-Chloronaphthalene
 Concen: 32.594 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tgt Ion: 162 Resp: 442900
 Ion Ratio Lower Upper
 162 100
 127 41.3 35.5 53.3
 164 33.2 25.8 38.8

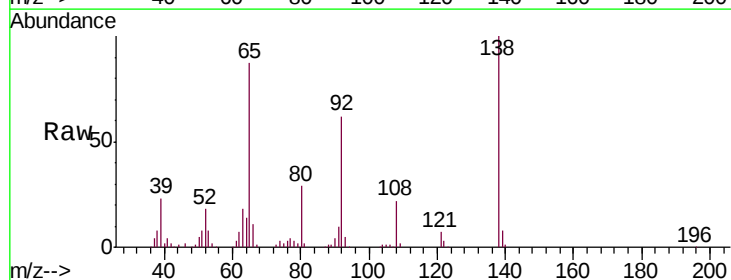


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

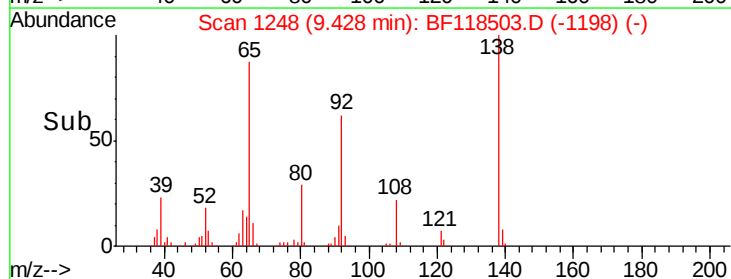
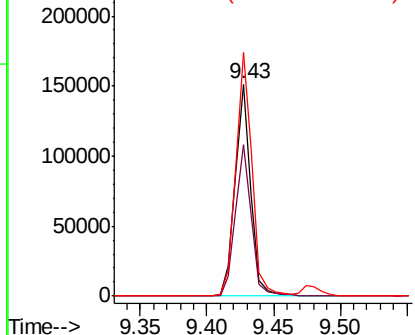


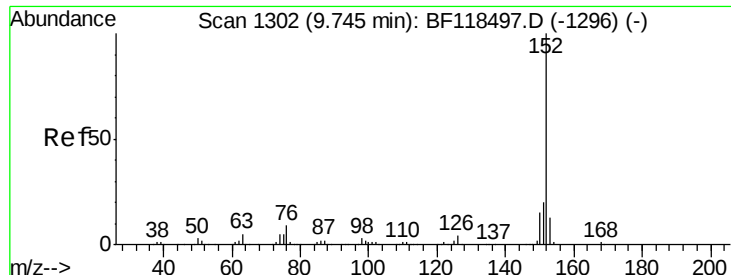
#48
 2-Nitroaniline
 Concen: 32.171 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion: 65 Resp: 126325
 Ion Ratio Lower Upper
 65 100
 92 71.3 57.7 86.5
 138 114.8 97.2 145.8



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: 35.771 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

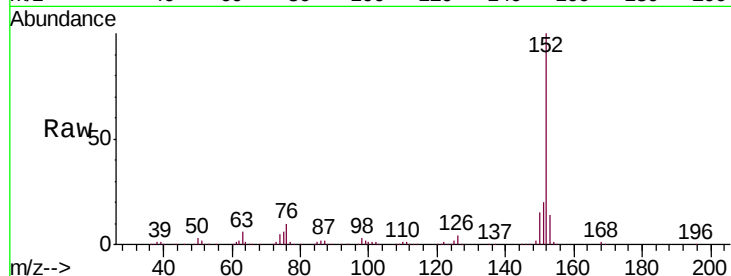
Tgt Ion:152 Resp: 723548

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

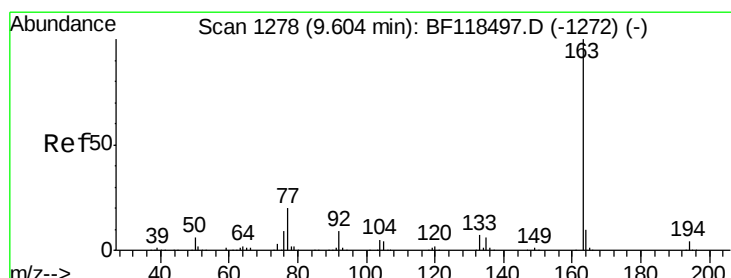
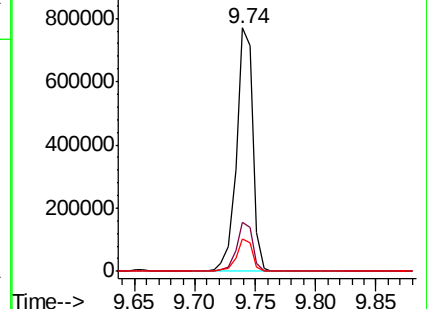
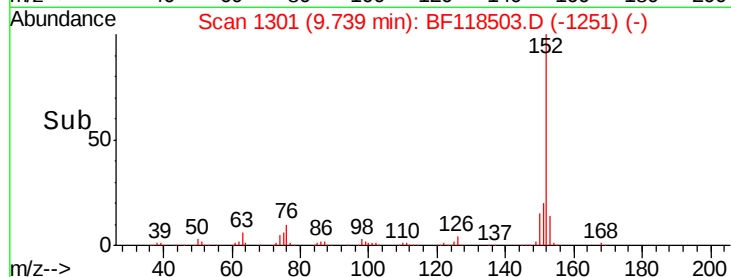
153 13.6 10.6 16.0



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: 33.072 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

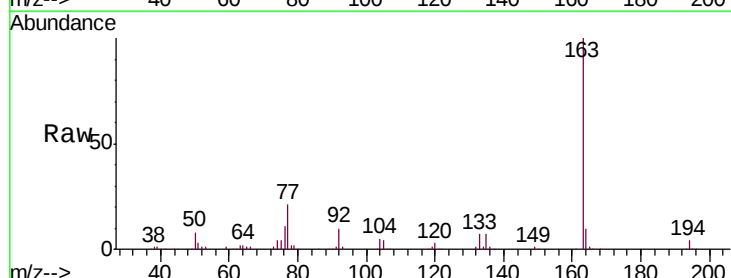
Tgt Ion:163 Resp: 533359

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

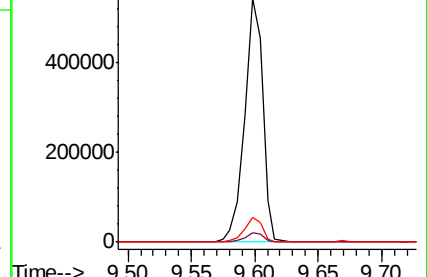
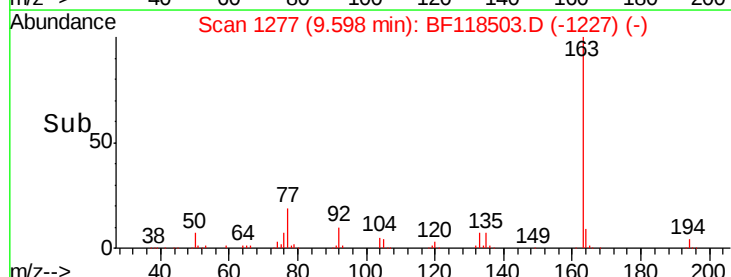
164 10.3 8.1 12.1

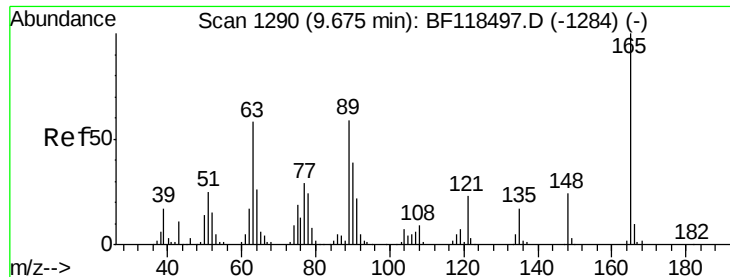


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

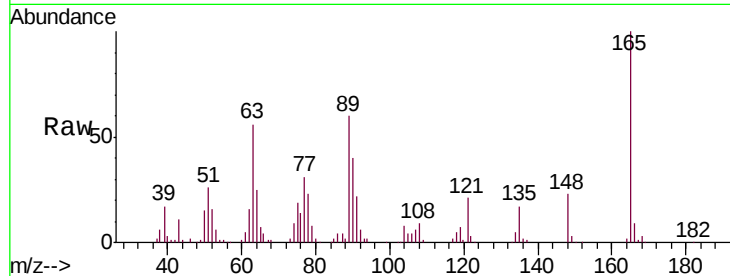




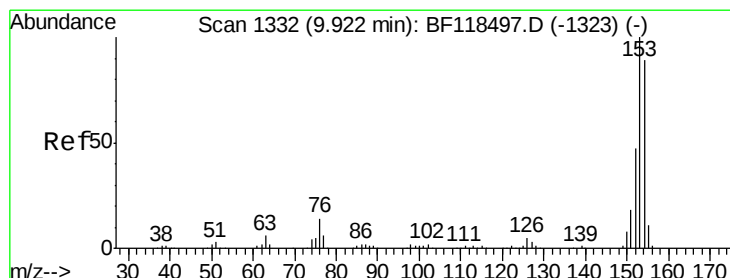
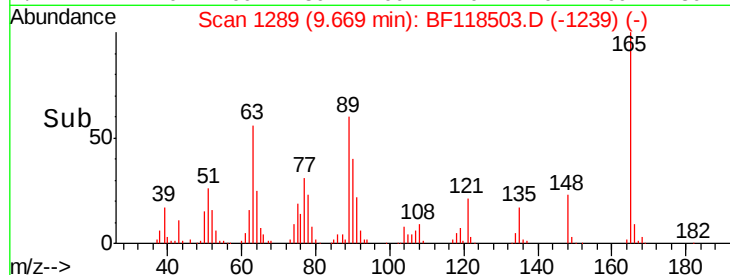
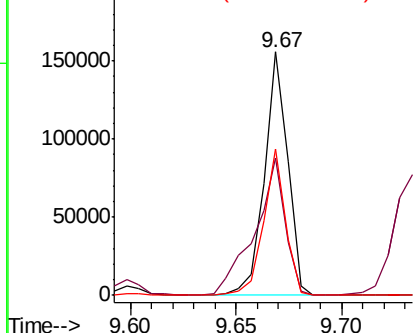
#51
2,6-Dinitrotoluene
Concen: 34.435 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:165 Resp: 119591
Ion Ratio Lower Upper
165 100
63 56.3 46.6 70.0
89 60.1 47.5 71.3

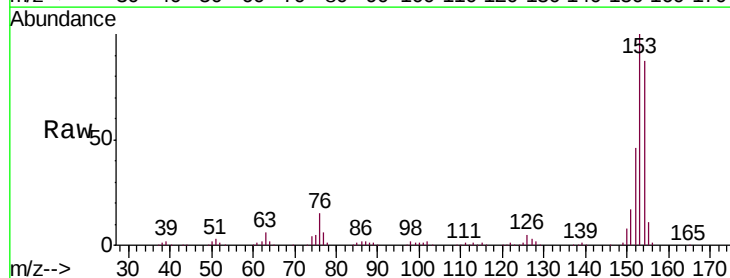


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

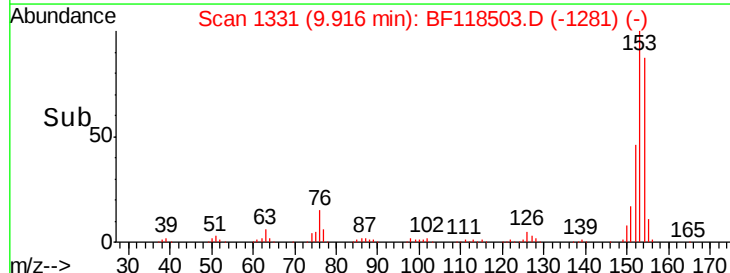
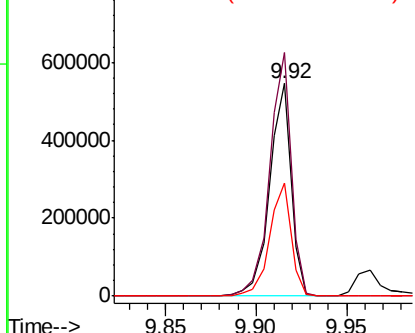


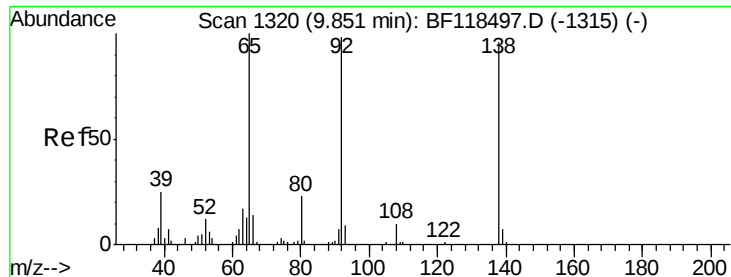
#52
Acenaphthene
Concen: 36.674 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:154 Resp: 452999
Ion Ratio Lower Upper
154 100
153 114.6 89.7 134.5
152 53.1 41.9 62.9



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

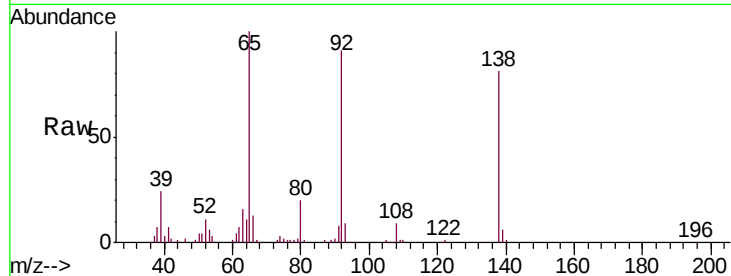




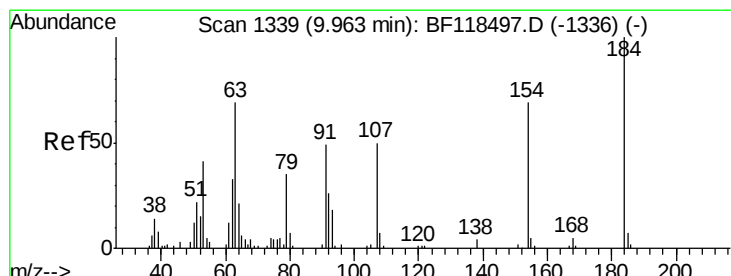
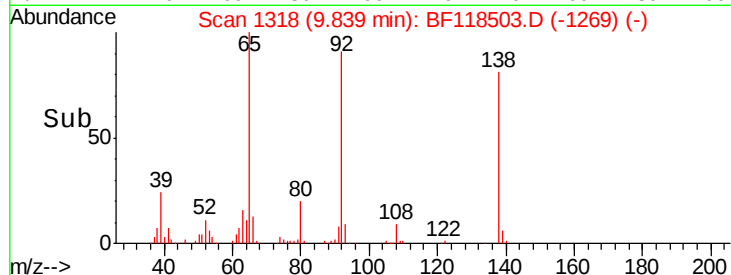
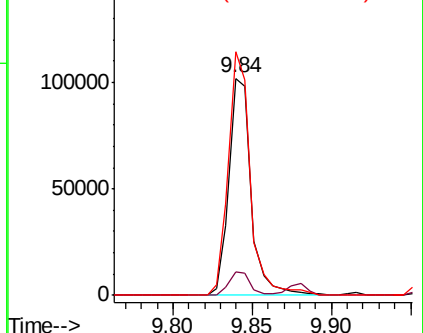
#53
3-Nitroaniline
Concen: 24.682 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:138 Resp: 100409
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 112.1 81.6 122.4

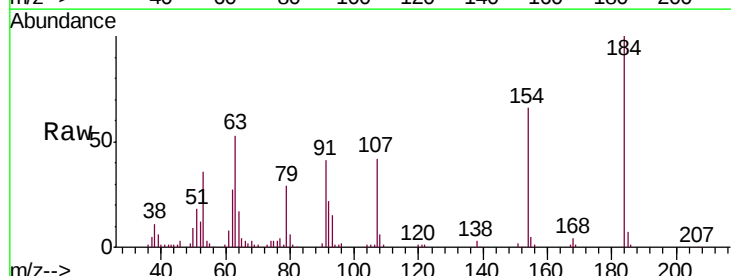


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

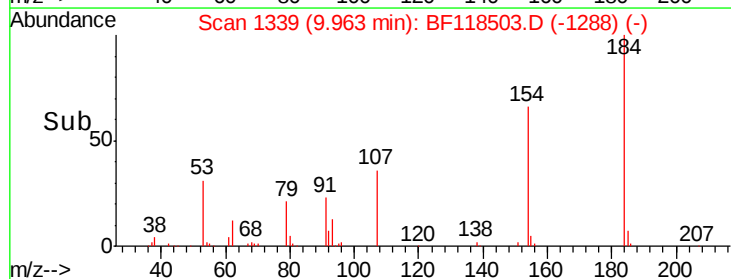
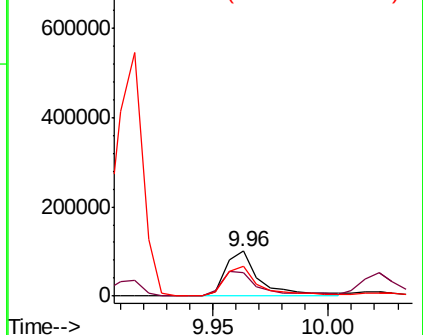


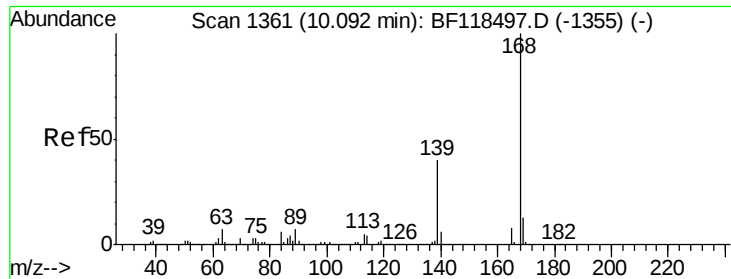
#54
2,4-Dinitrophenol
Concen: 70.001 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:184 Resp: 105054
Ion Ratio Lower Upper
184 100
63 53.0 55.3 82.9#
154 65.9 55.0 82.4



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

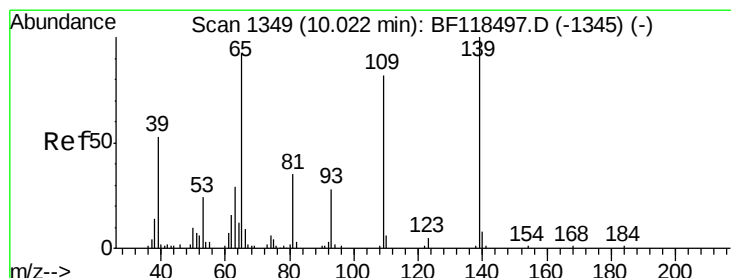
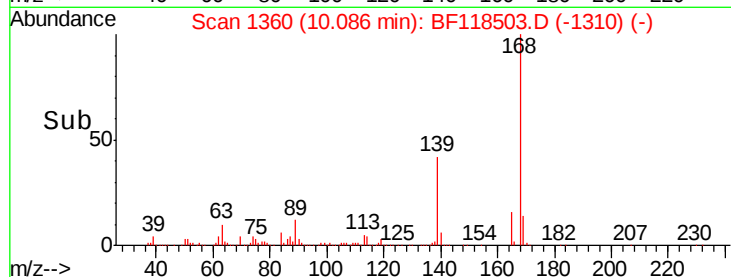
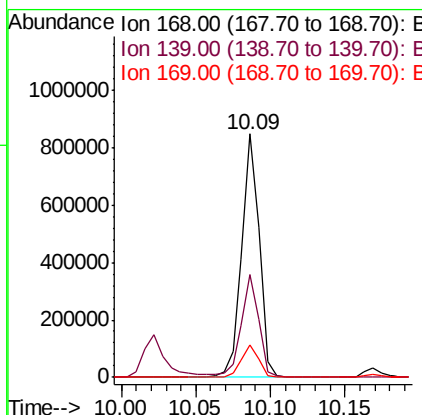
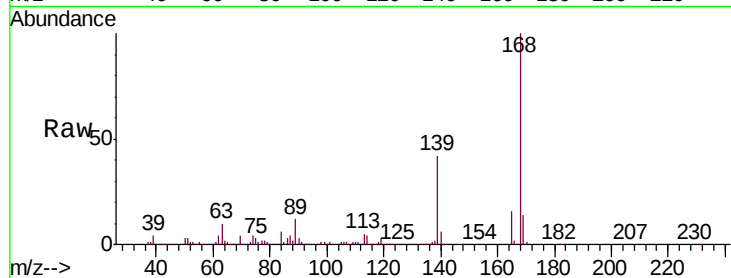




#55
Dibenzenofuran
Concen: 37.388 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

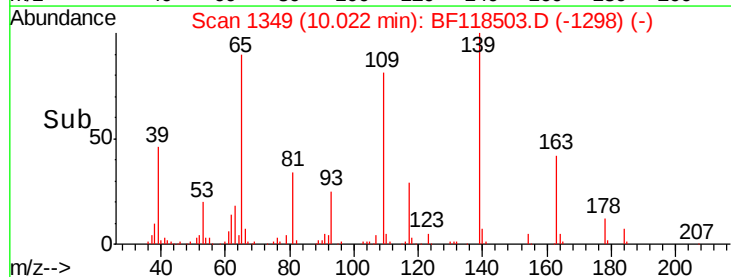
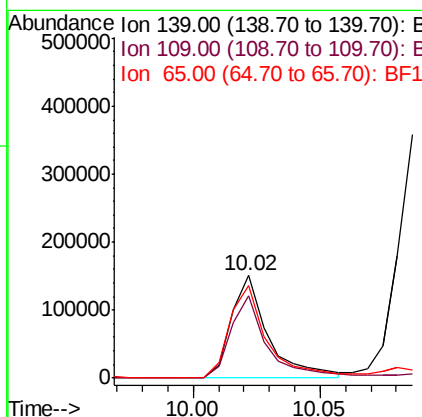
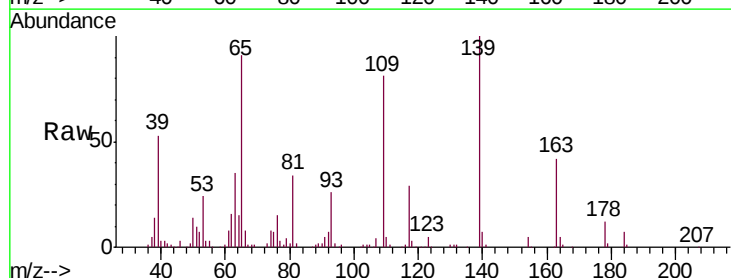
Instrument :
BNA_F
ClientSampled :
PB125777BS

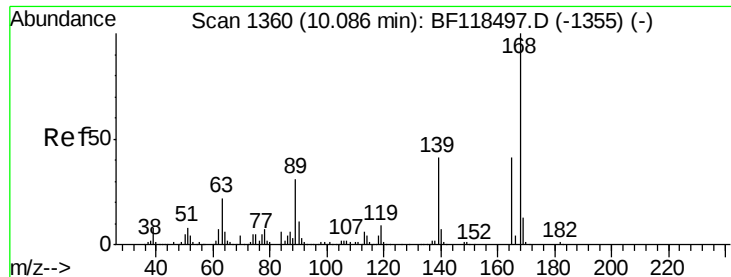
Tgt Ion:168 Resp: 693625
Ion Ratio Lower Upper
168 100
139 42.2 32.5 48.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 77.321 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:139 Resp: 152730
Ion Ratio Lower Upper
139 100
109 80.8 62.2 102.2
65 90.5 72.8 112.8





#57

2,4-Dinitrotoluene

Concen: 37.241 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

Tgt Ion:165 Resp: 173176

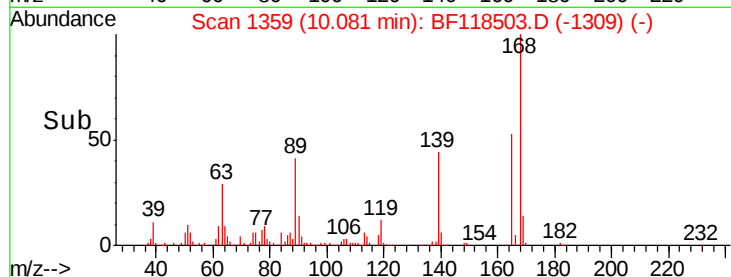
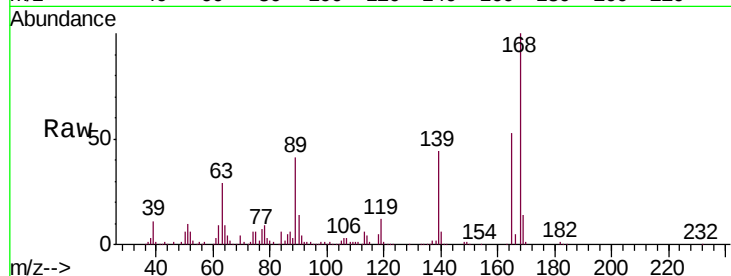
Ion Ratio Lower Upper

165 100

63 55.0 44.1 66.1

89 78.6 60.4 90.6

182 2.6 2.0 3.0

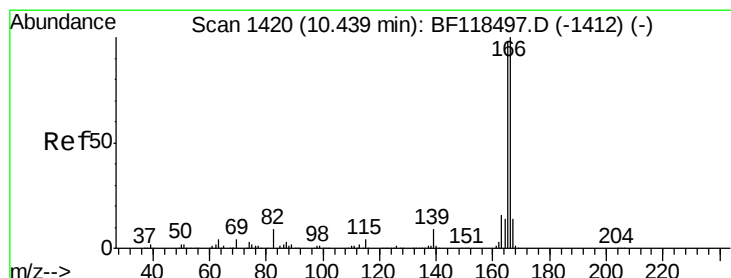
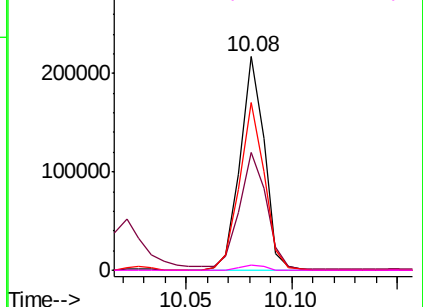


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.272 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

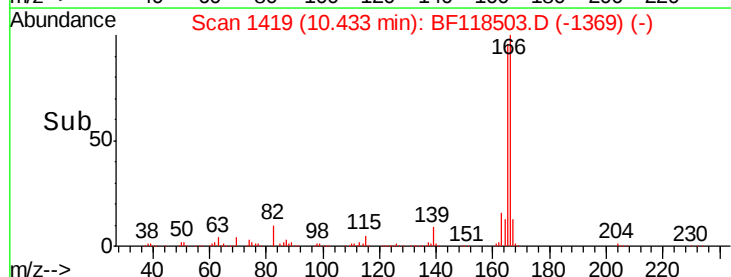
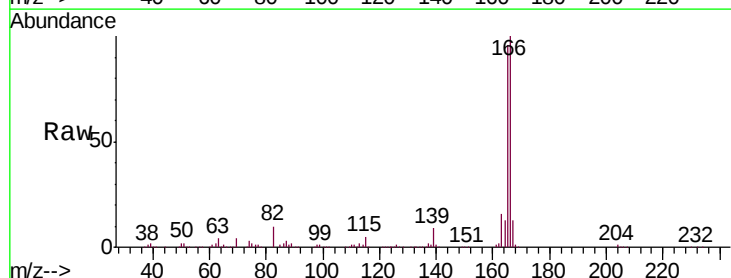
Tgt Ion:166 Resp: 555806

Ion Ratio Lower Upper

166 100

165 96.3 78.6 117.8

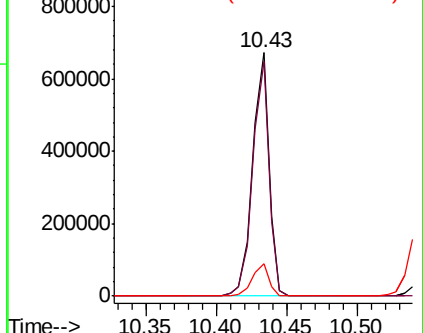
167 13.3 10.8 16.2

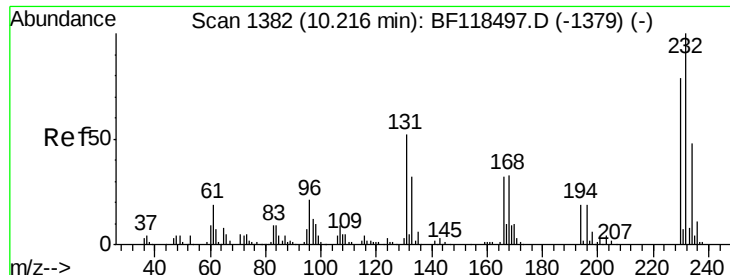


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

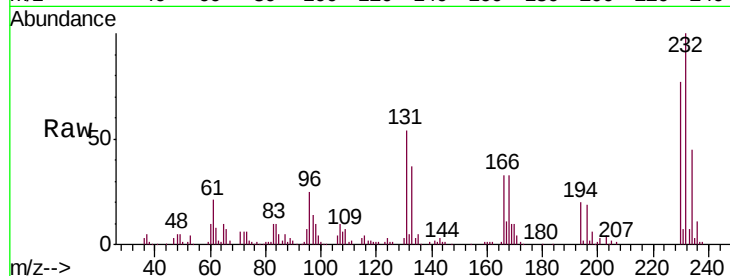




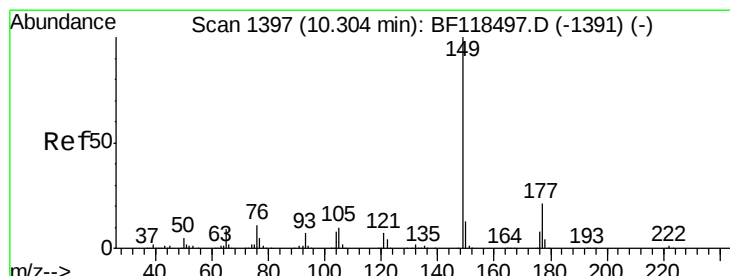
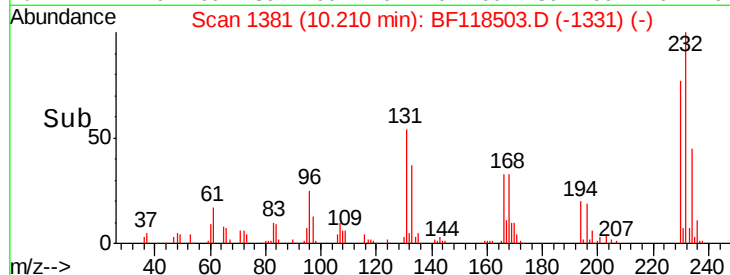
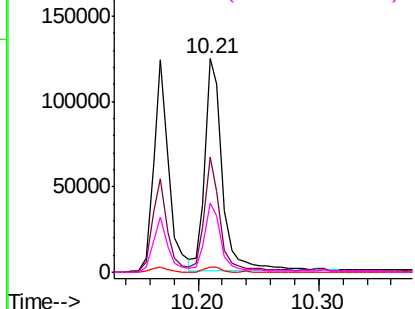
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.171 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tgt Ion:	232	Resp:	126282
Ion	Ratio	Lower	Upper
232	100		
131	49.2	42.2	63.4
130	2.5	2.1	3.1
166	30.8	25.7	38.5

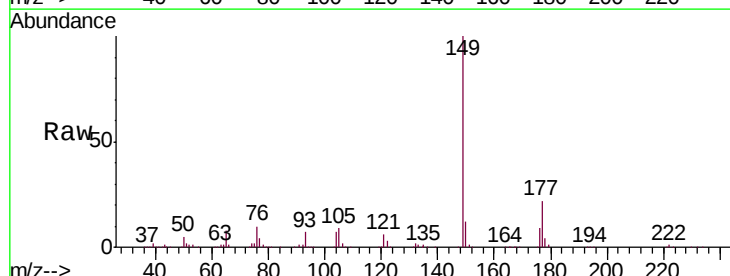


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

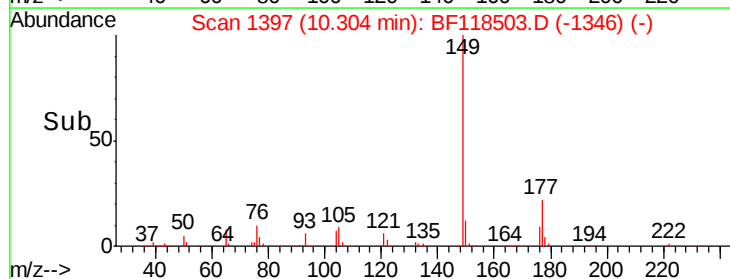
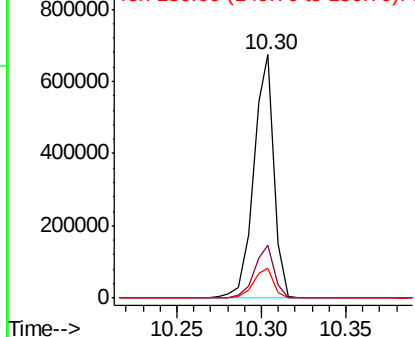


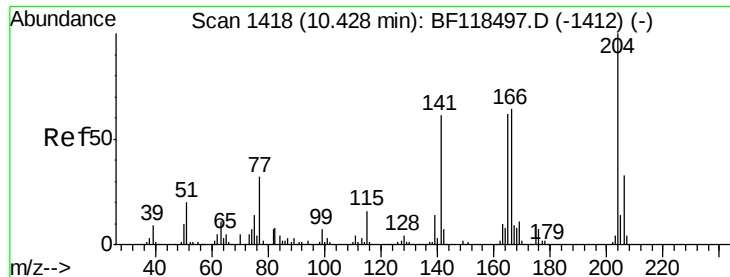
#60
 Diethylphthalate
 Concen: 34.345 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion:	149	Resp:	563836
Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.5	24.7
150	12.5	10.2	15.2



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

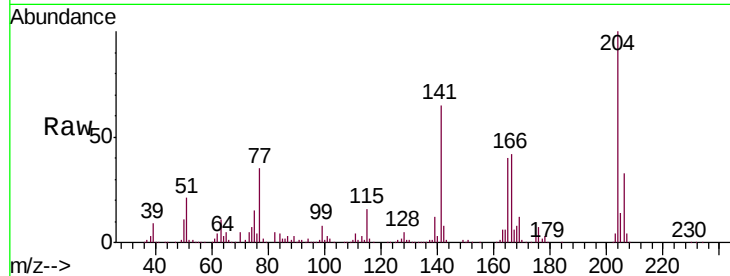




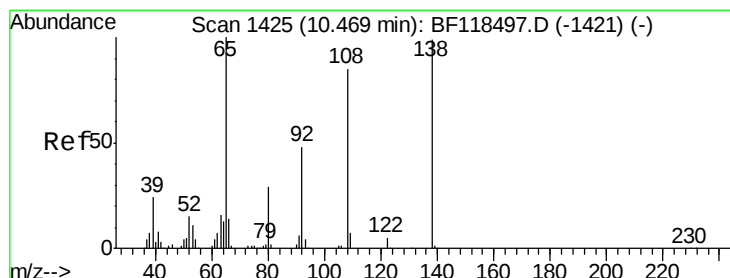
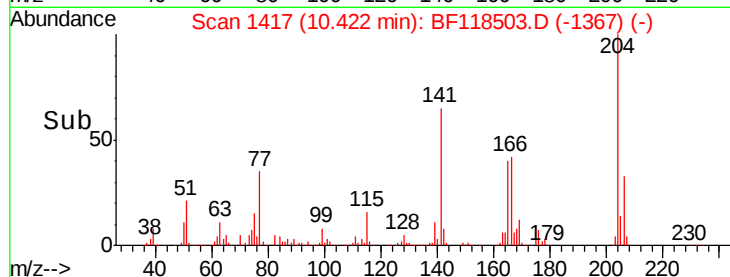
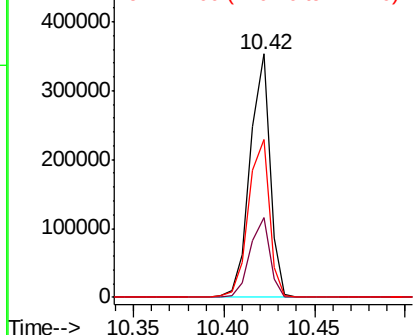
#61
 4-Chlorophenyl-phenylether
 Concen: 36.414 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tgt Ion:204 Resp: 271312
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.0 39.0
 141 65.0 49.0 73.6

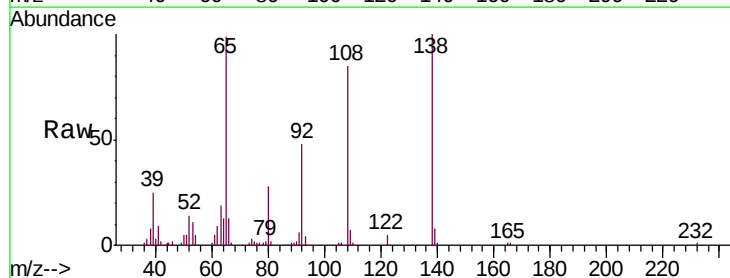


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

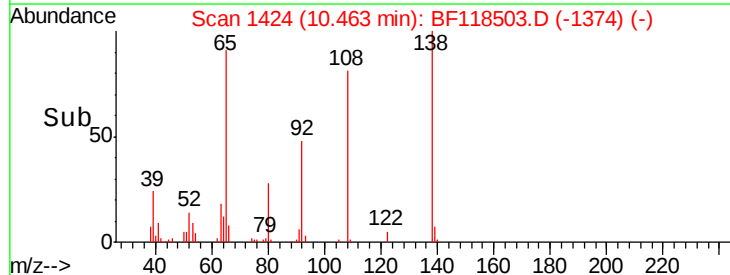
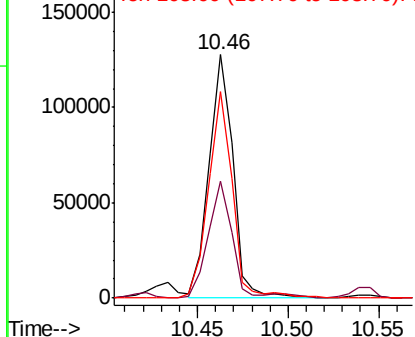


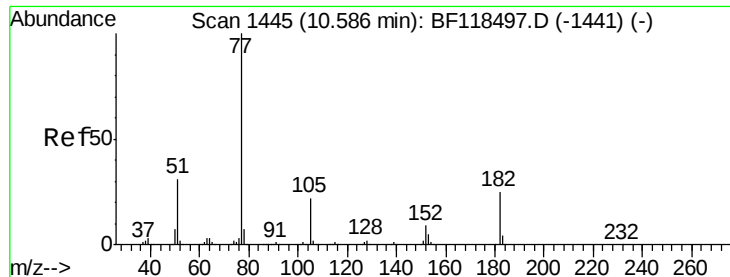
#62
 4-Nitroaniline
 Concen: 29.300 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion:138 Resp: 116710
 Ion Ratio Lower Upper
 138 100
 92 48.0 27.9 67.9
 108 84.6 64.7 104.7



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





#63

Azobenzene

Concen: 37.034 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

Tgt Ion: 77 Resp: 516664

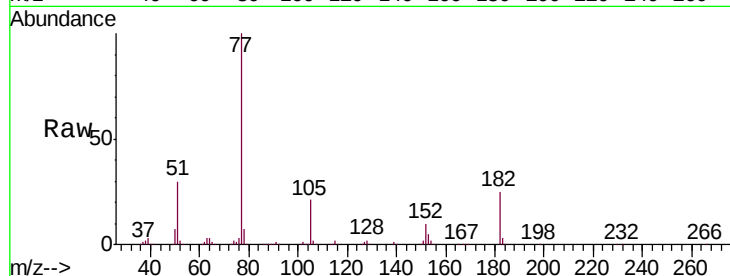
Ion Ratio Lower Upper

77 100

182 25.4 5.2 45.2

105 21.4 1.7 41.7

51 29.5 11.2 51.2

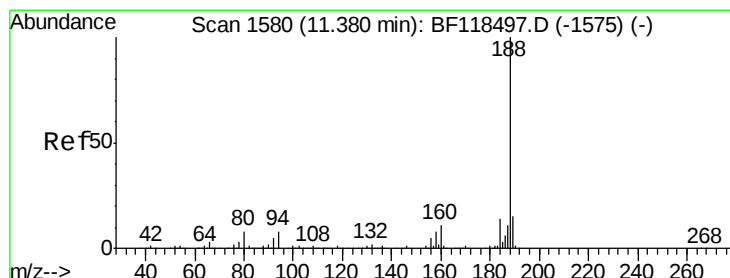
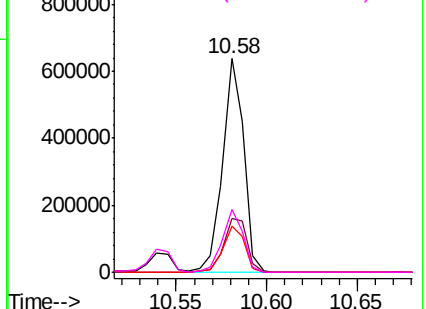
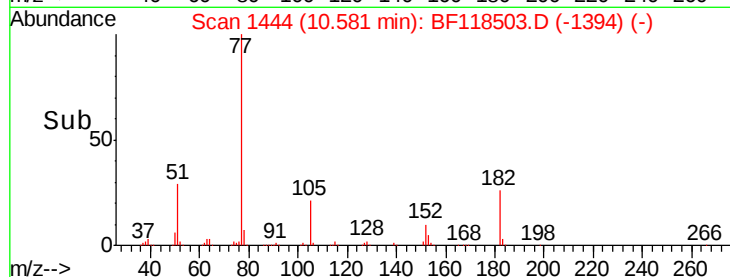


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

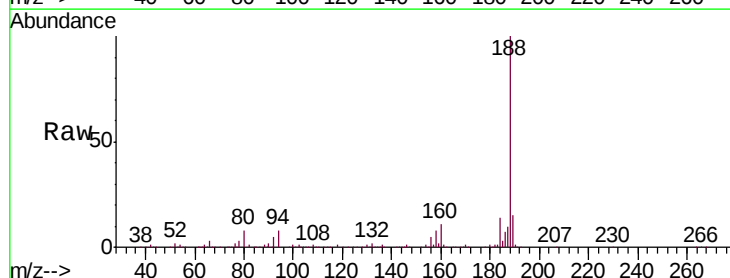
Tgt Ion: 188 Resp: 359238

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

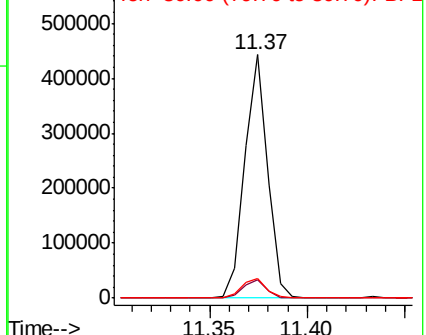
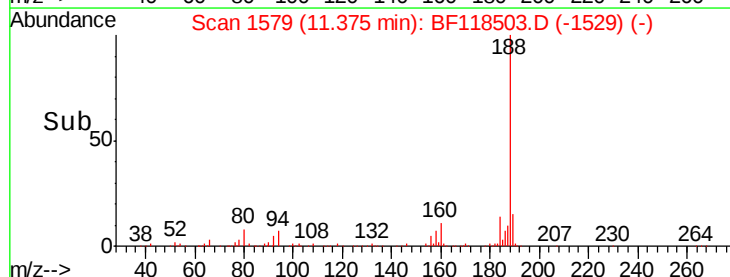
80 8.3 6.6 10.0

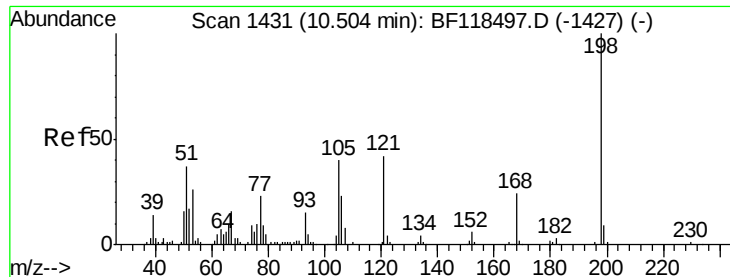


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

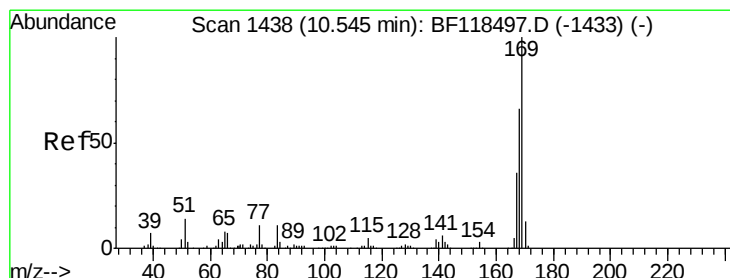
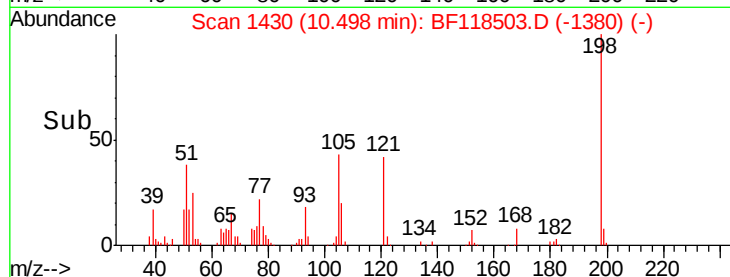
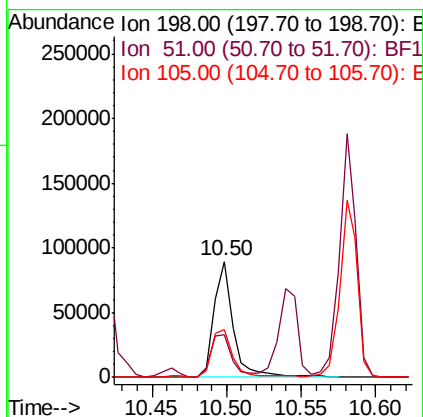
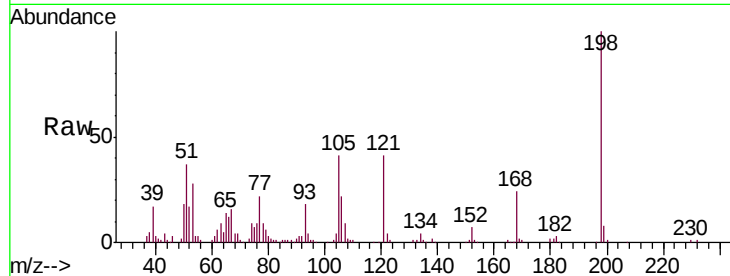




#65
4,6-Dinitro-2-methylphenol
Concen: 42.560 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

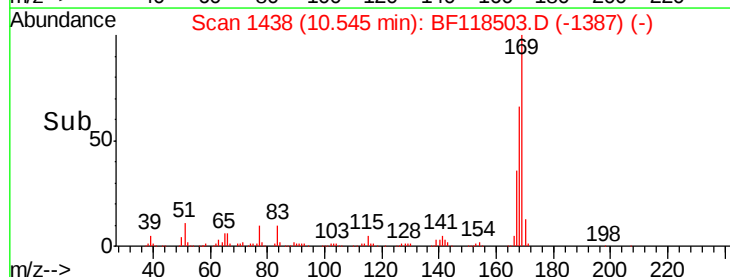
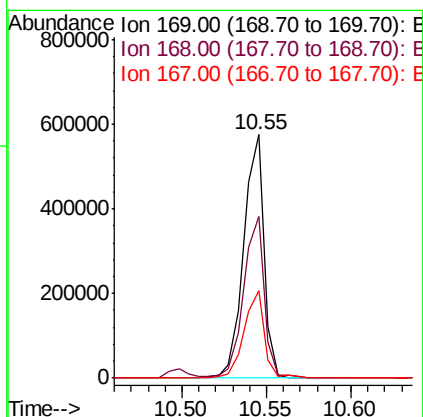
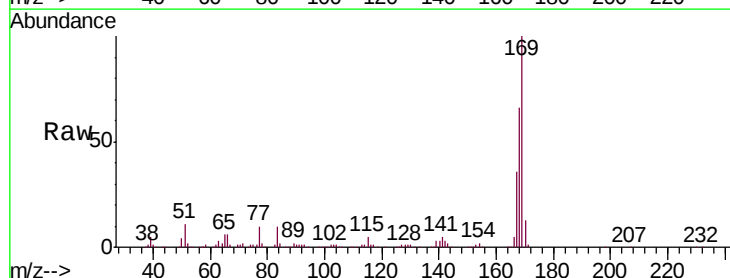
Instrument :
BNA_F
ClientSampleId :
PB125777BS

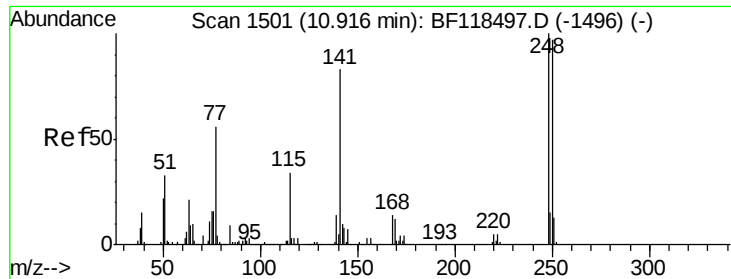
Tgt Ion:198 Resp: 80823
Ion Ratio Lower Upper
198 100
51 36.5 17.8 57.8
105 41.2 20.1 60.1



#66
n-Nitrosodiphenylamine
Concen: 41.546 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:169 Resp: 486031
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.0 28.9 43.3

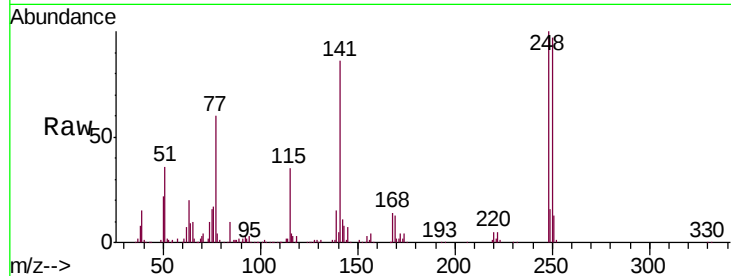




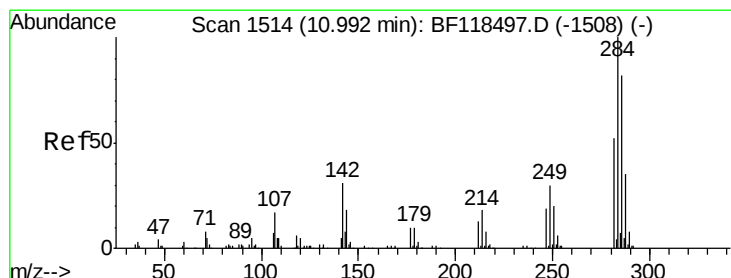
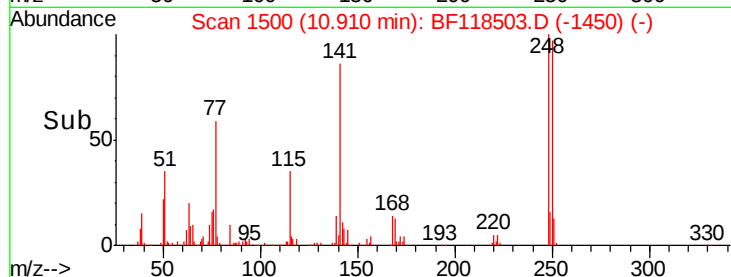
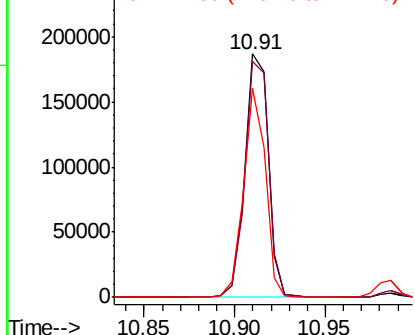
#67
4-Bromophenyl-phenylether
Concen: 39.941 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:248 Resp: 168062
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.0
141 86.1 66.2 99.4

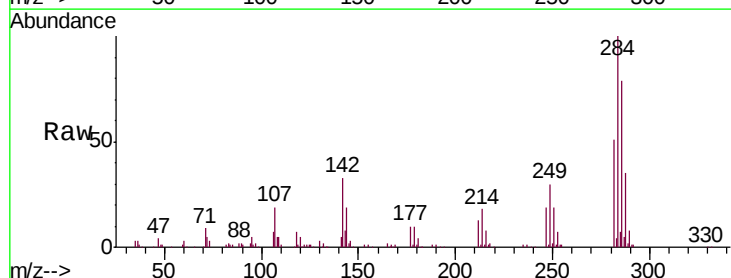


Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

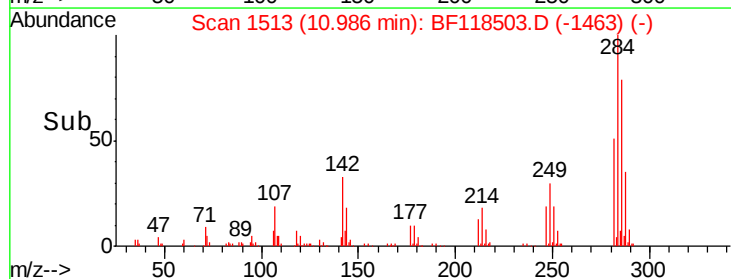
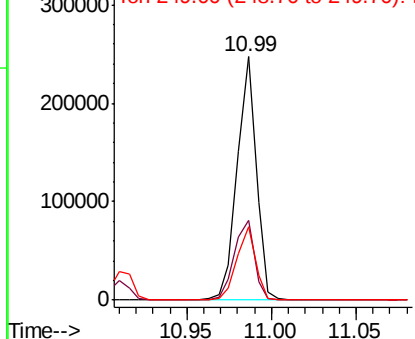


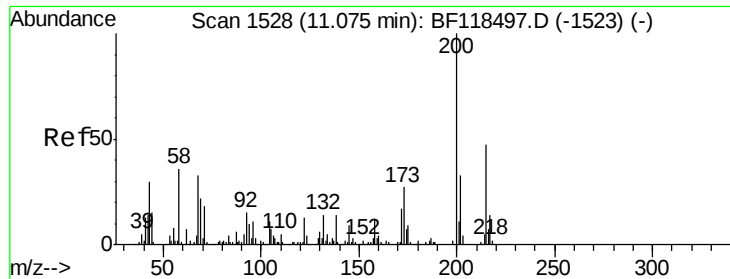
#68
Hexachlorobenzene
Concen: 38.699 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:284 Resp: 194454
Ion Ratio Lower Upper
284 100
142 33.0 24.6 37.0
249 30.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
300000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

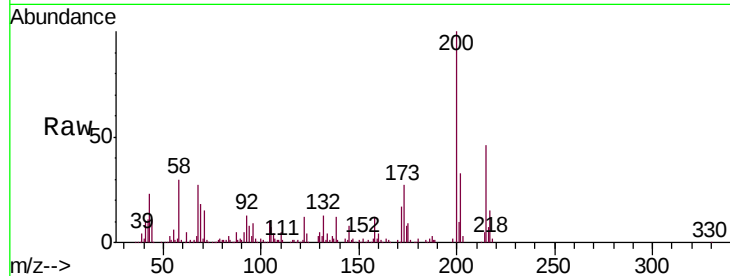




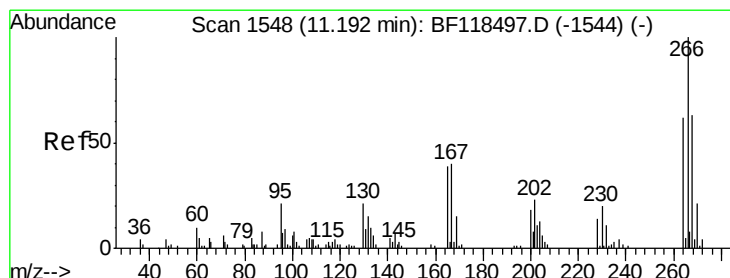
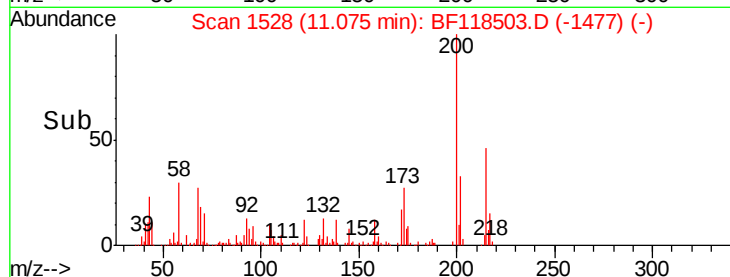
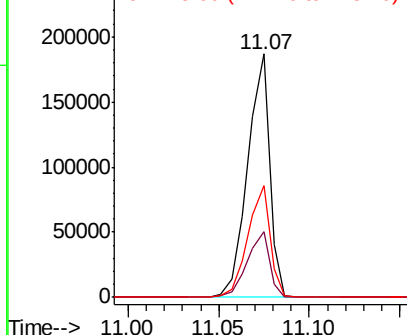
#69
Atrazine
Concen: 45.505 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:200 Resp: 158184
Ion Ratio Lower Upper
200 100
173 26.8 7.0 47.0
215 46.1 27.0 67.0

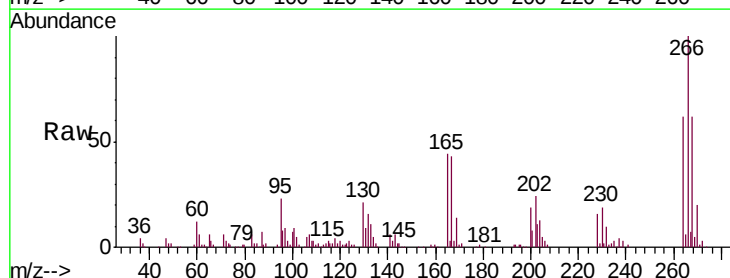


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

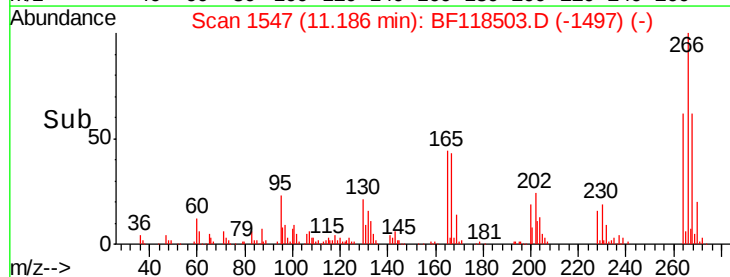
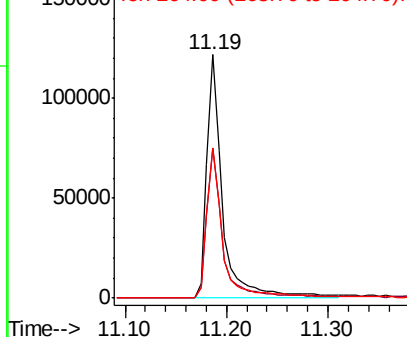


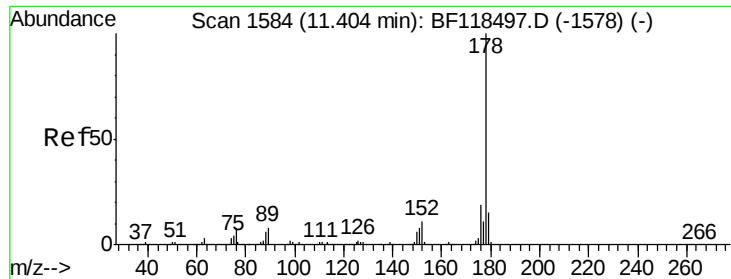
#70
Pentachlorophenol
Concen: 80.885 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:266 Resp: 133195
Ion Ratio Lower Upper
266 100
268 61.8 50.2 75.2
264 61.7 49.4 74.0



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

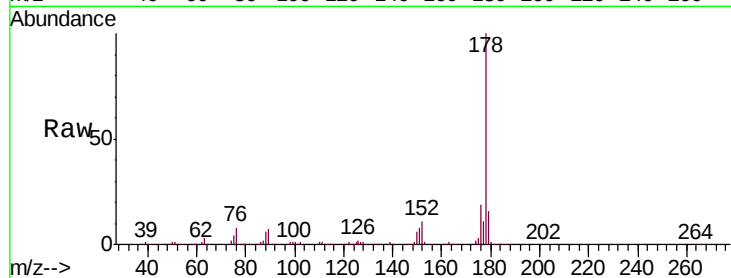




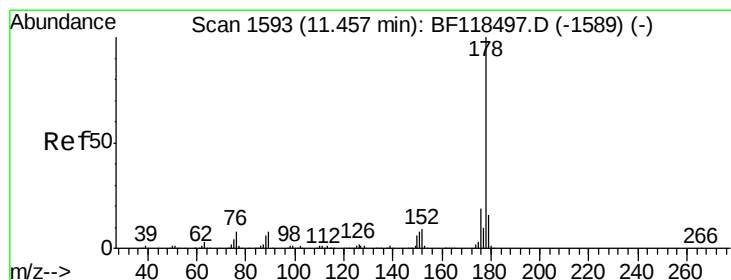
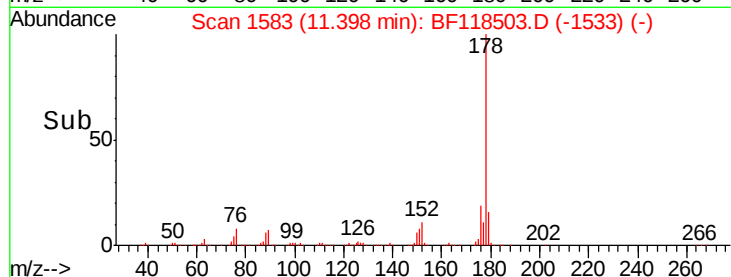
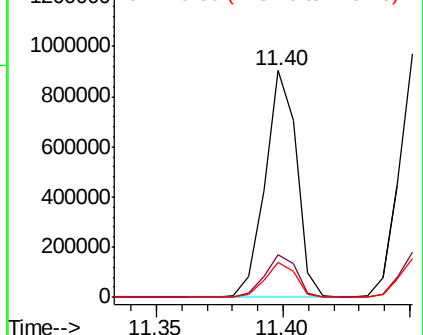
#71
Phenanthrene
Concen: 39.174 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion:178 Resp: 788328
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.7 12.3 18.5

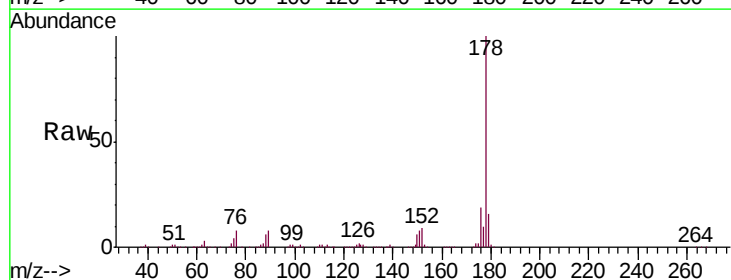


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

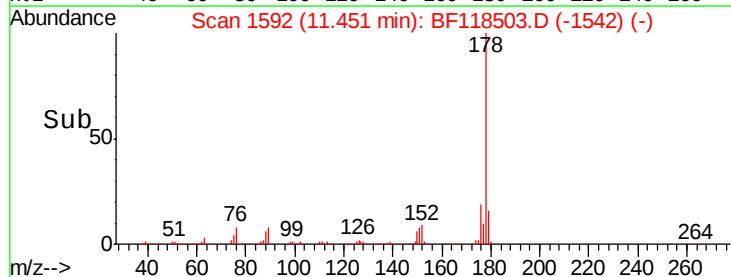
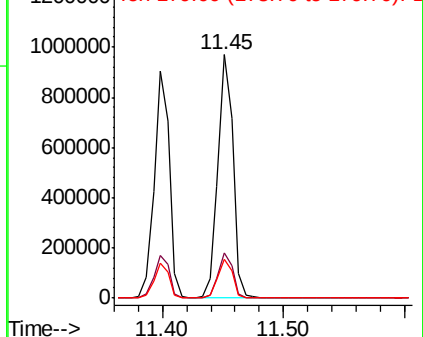


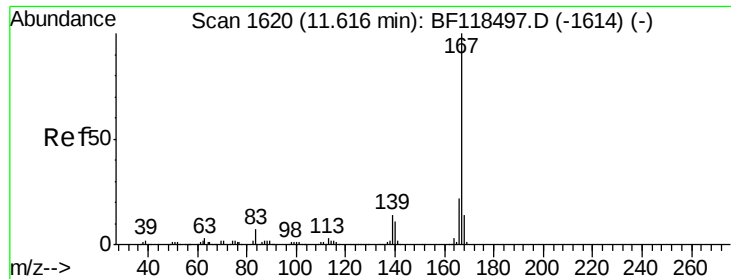
#72
Anthracene
Concen: 41.368 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:178 Resp: 828201
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.9 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





#73

Carbazole

Concen: 37.468 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

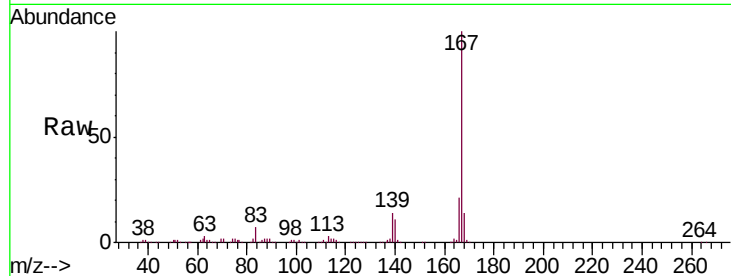
Tgt Ion:167 Resp: 649793

Ion Ratio Lower Upper

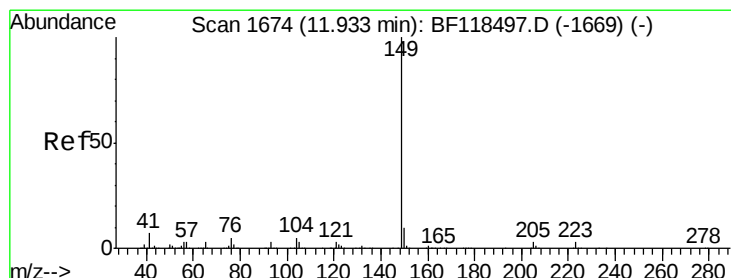
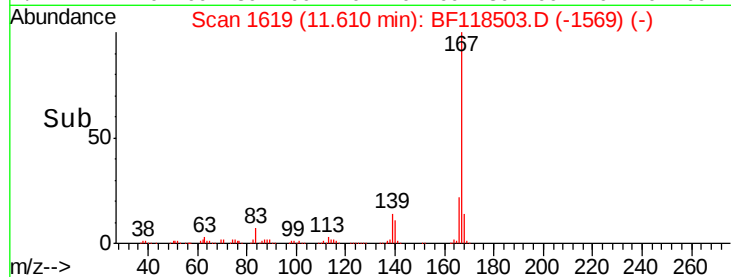
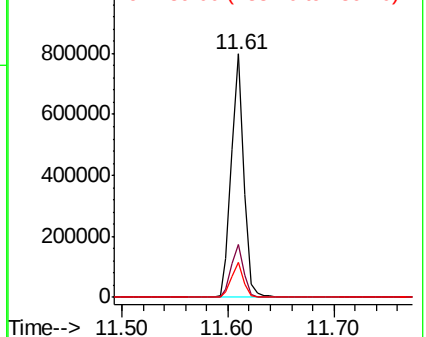
167 100

166 21.5 17.4 26.2

139 14.3 10.9 16.3



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: 39.989 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

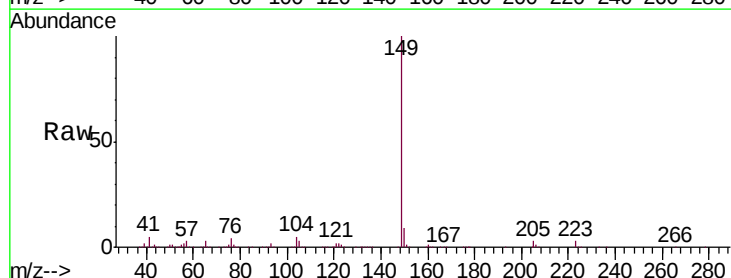
Tgt Ion:149 Resp: 925211

Ion Ratio Lower Upper

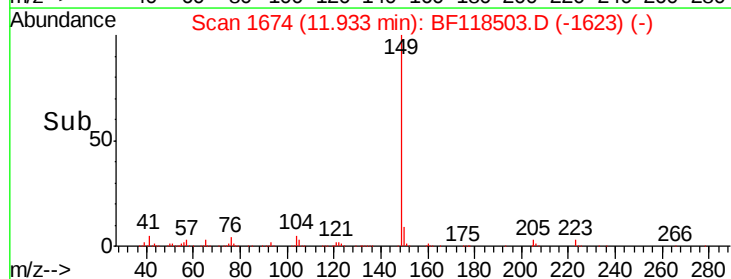
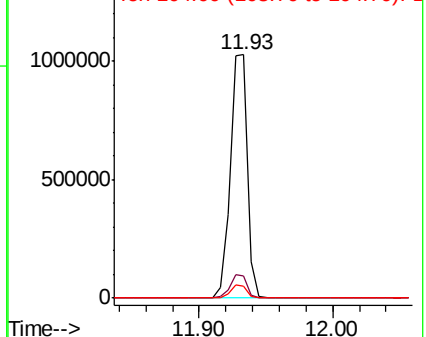
149 100

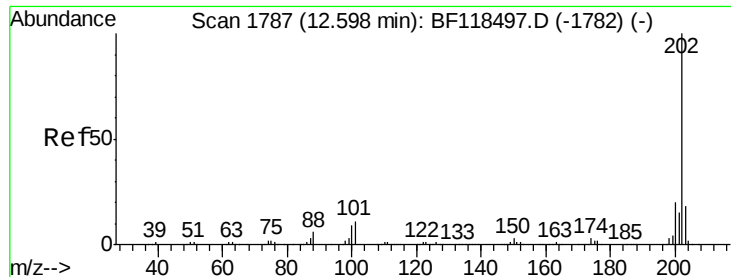
150 9.0 7.8 11.8

104 4.8 4.2 6.4



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

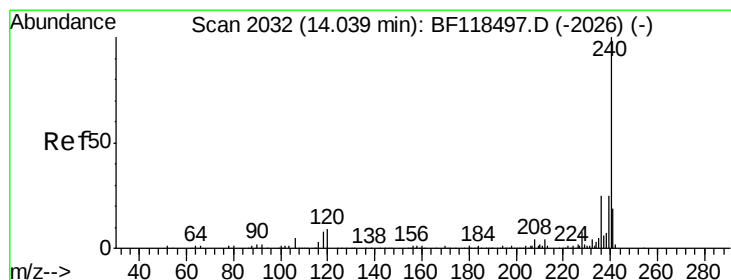
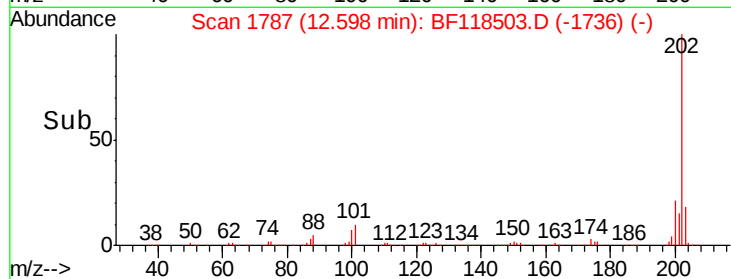
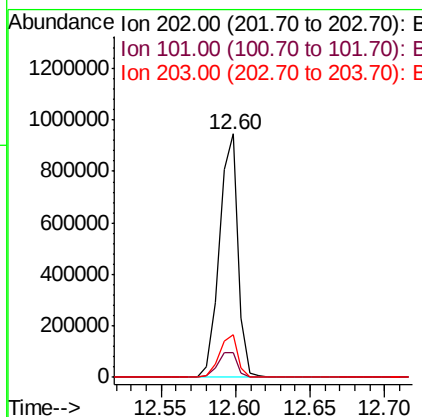
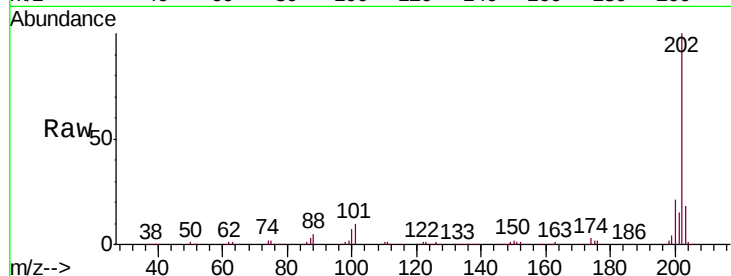




#75
 Fluoranthene
 Concen: 40.591 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

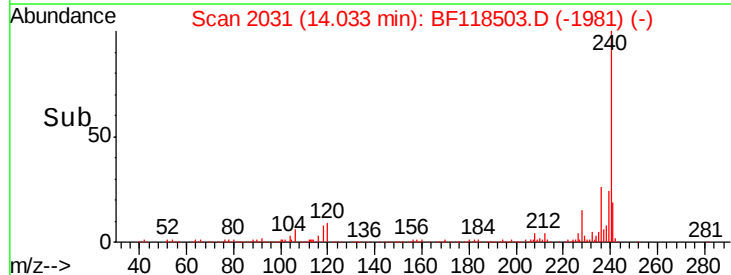
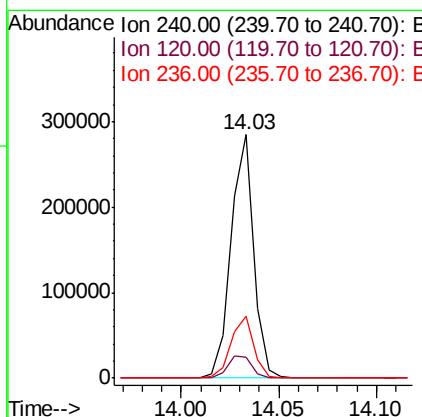
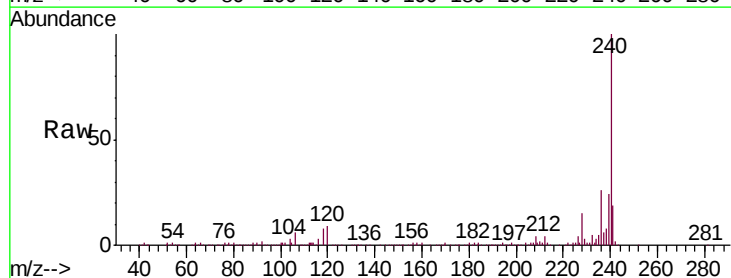
Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

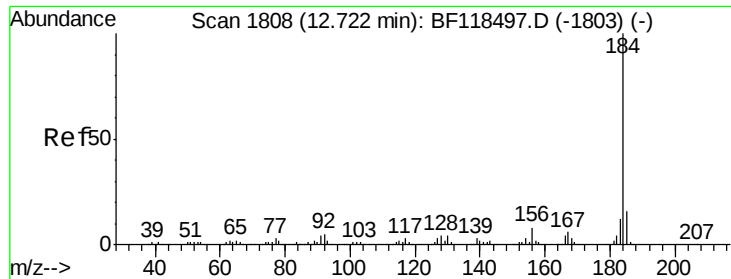
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.4
203	17.6	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	25.6	20.1	30.1





#77

Benzidine

Concen: 47.418 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

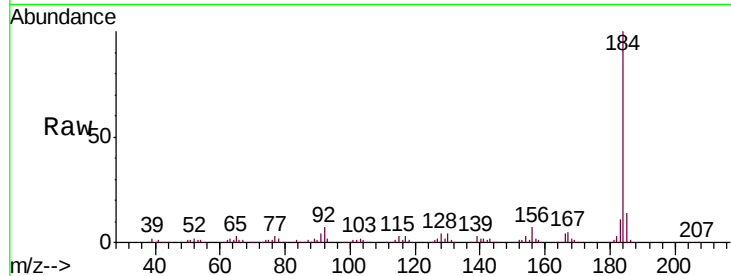
Tgt Ion:184 Resp: 253436

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

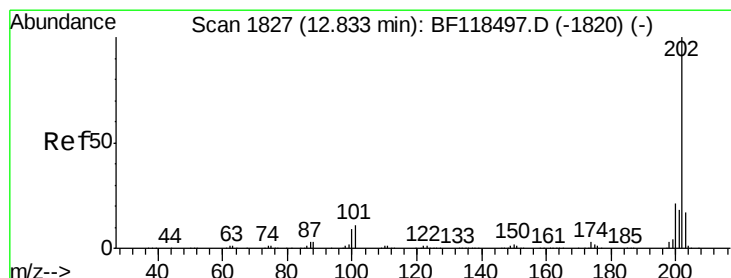
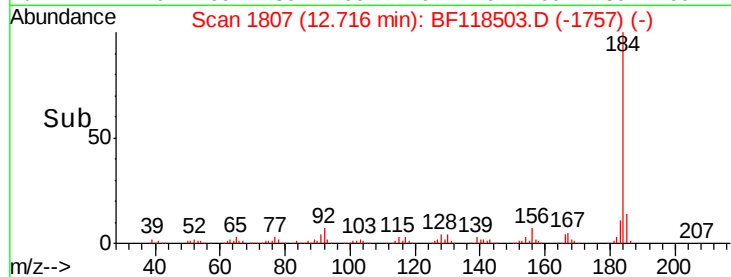
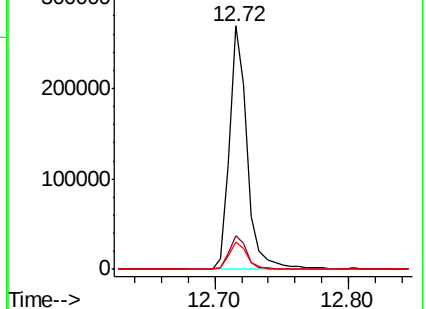
183 11.4 9.3 13.9



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: 43.059 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

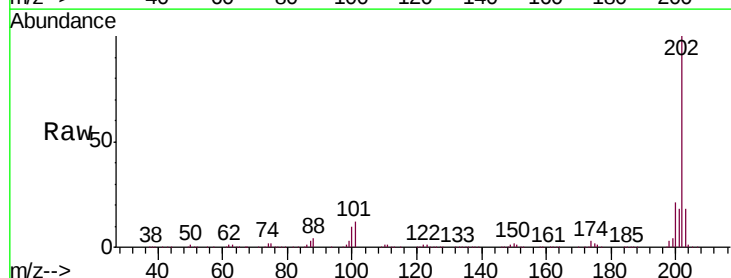
Tgt Ion:202 Resp: 808237

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

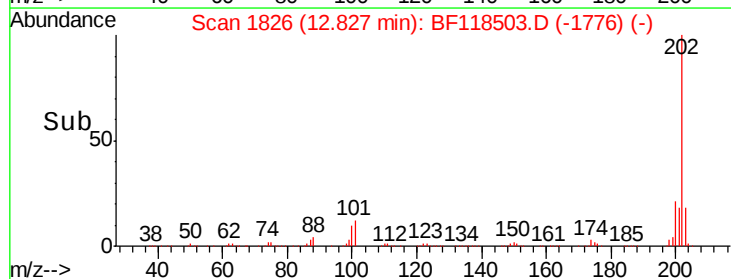
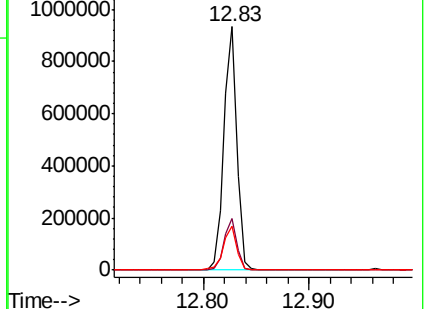
203 17.9 13.9 20.9

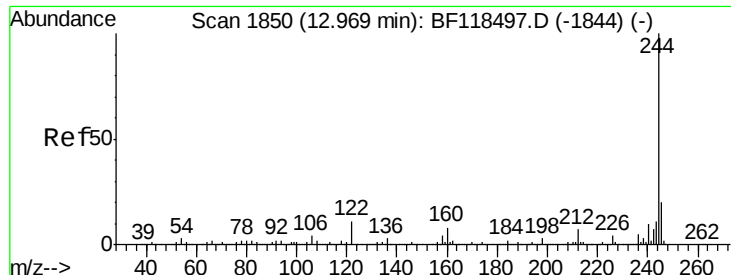


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.070 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

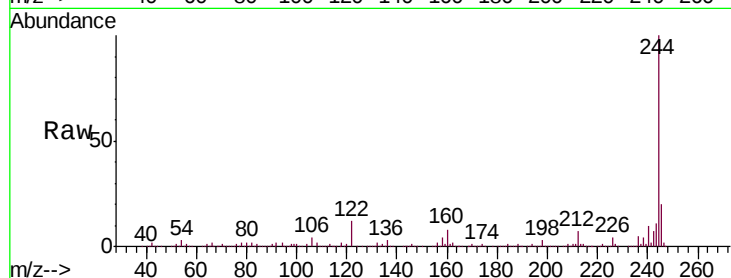
Tgt Ion:244 Resp: 1195937

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

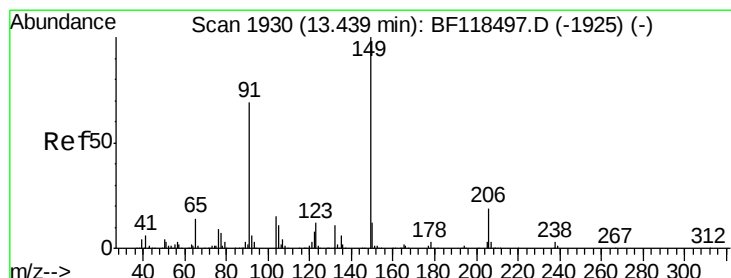
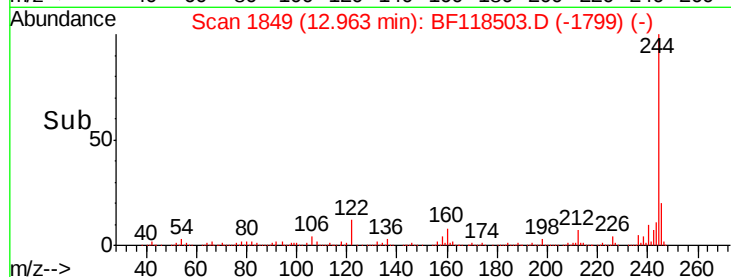
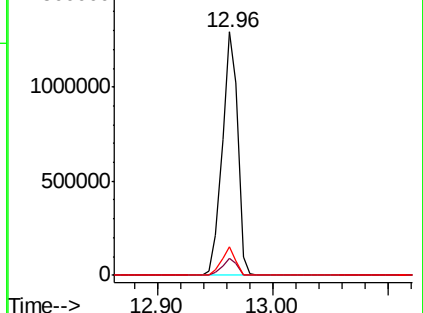
122 11.7 9.0 13.6



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: 40.055 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

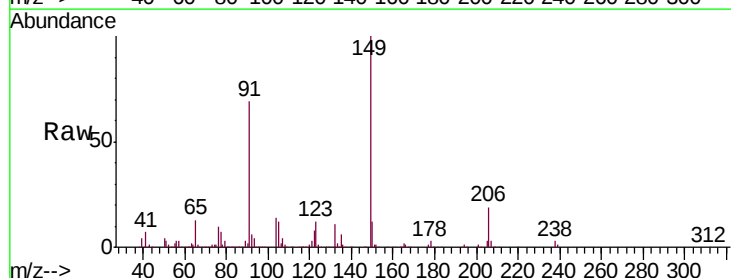
Tgt Ion:149 Resp: 344330

Ion Ratio Lower Upper

149 100

91 68.9 55.2 82.8

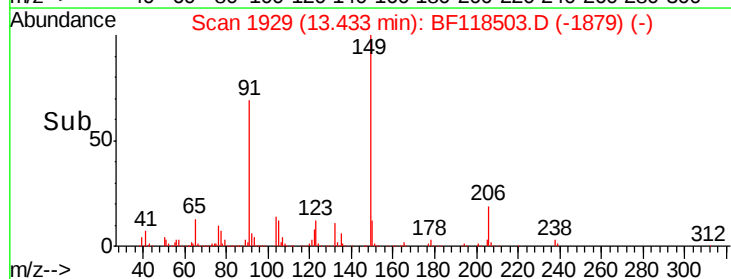
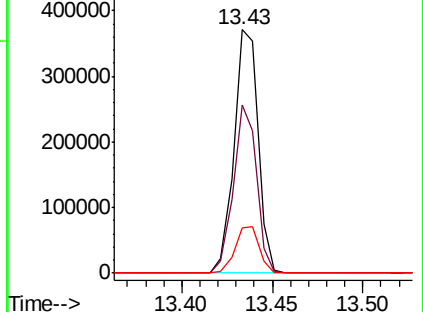
206 18.6 15.1 22.7

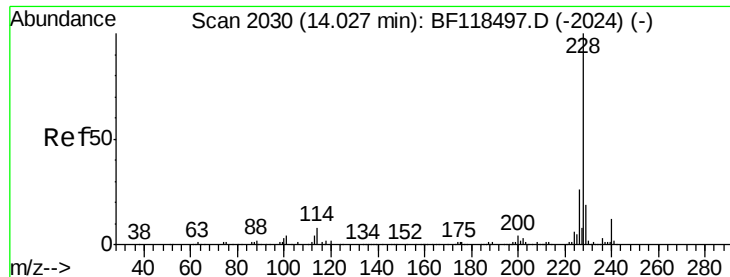


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.475 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

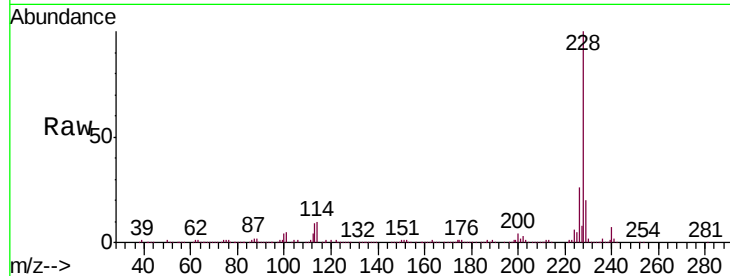
Tgt Ion:228 Resp: 614408

Ion Ratio Lower Upper

228 100

226 26.0 20.7 31.1

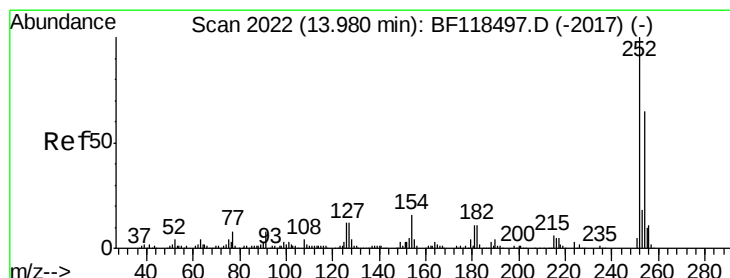
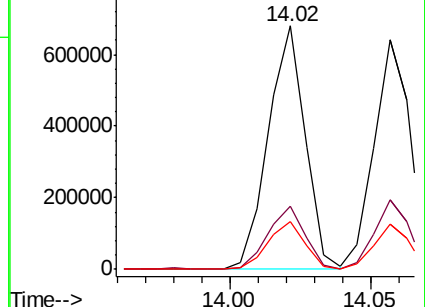
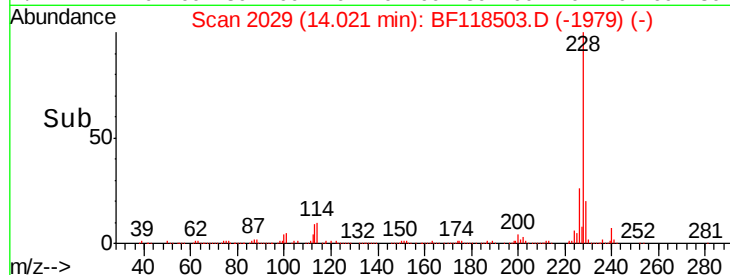
229 19.7 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.419 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

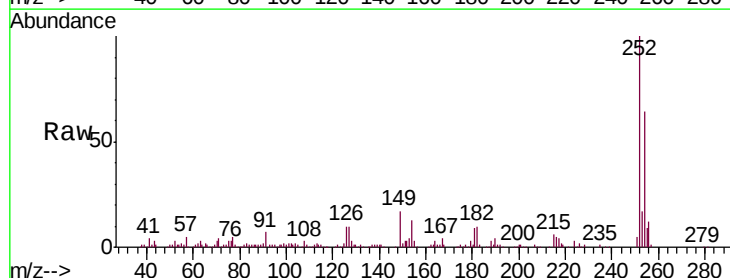
Tgt Ion:252 Resp: 168350

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

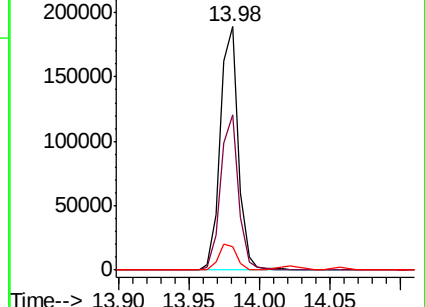
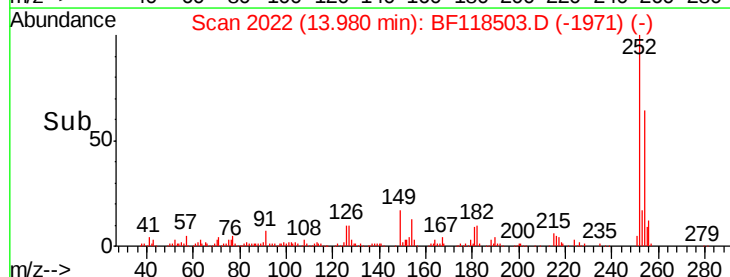
126 9.7 9.6 14.4

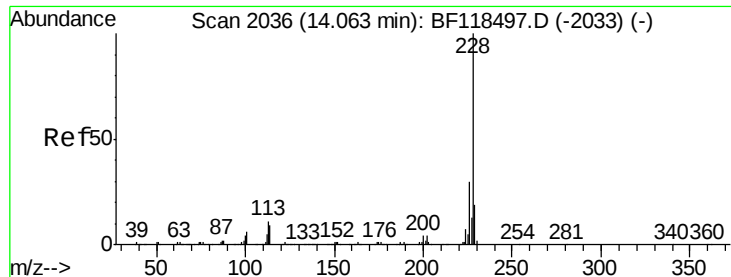


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.433 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

ClientSampleId :

PB125777BS

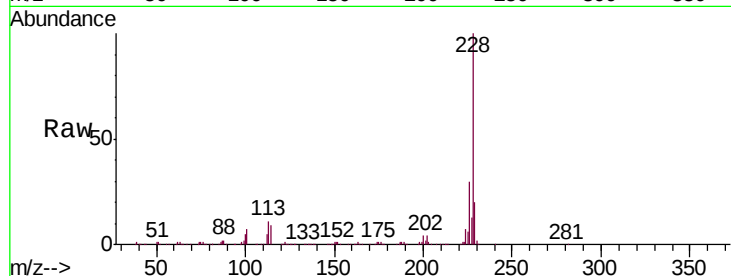
Tgt Ion:228 Resp: 565350

Ion Ratio Lower Upper

228 100

226 30.1 23.6 35.4

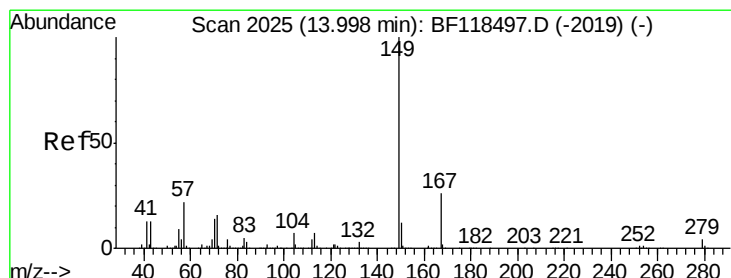
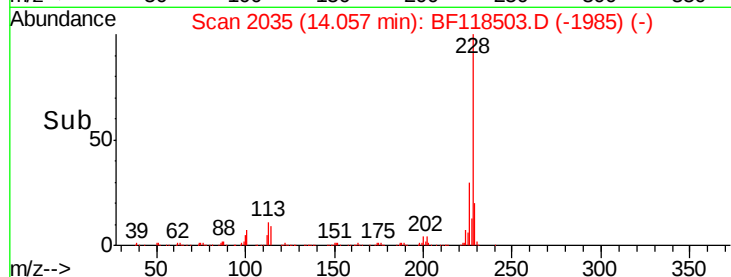
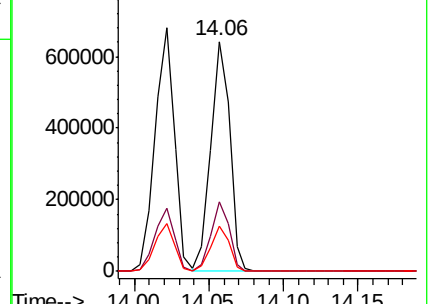
229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.669 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

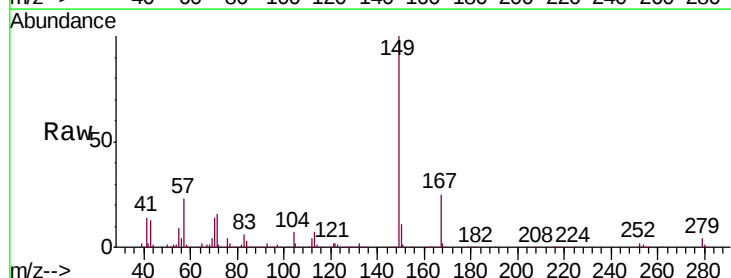
Tgt Ion:149 Resp: 451337

Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

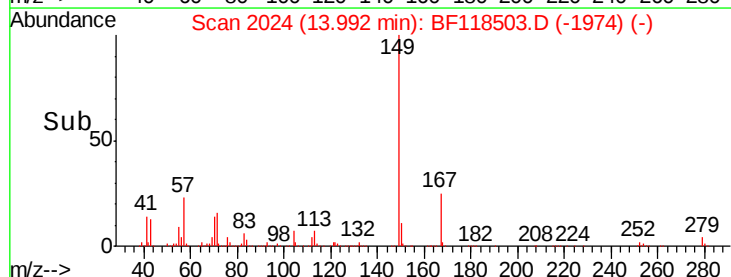
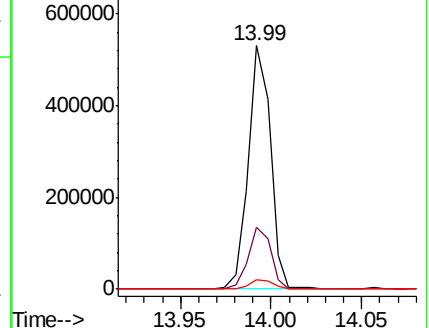
279 3.7 3.1 4.7

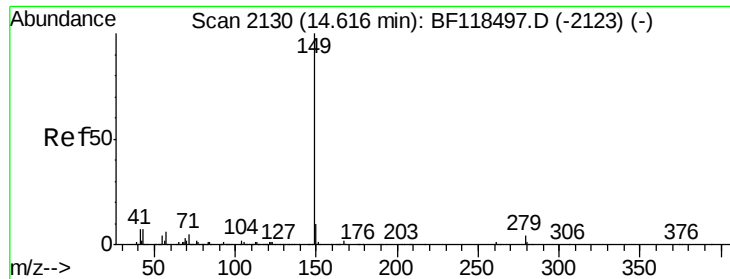


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.179 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

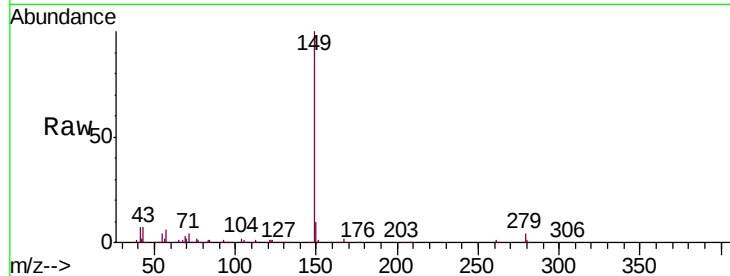
Instrument :

BNA_F

ClientSampleId :

PB125777BS

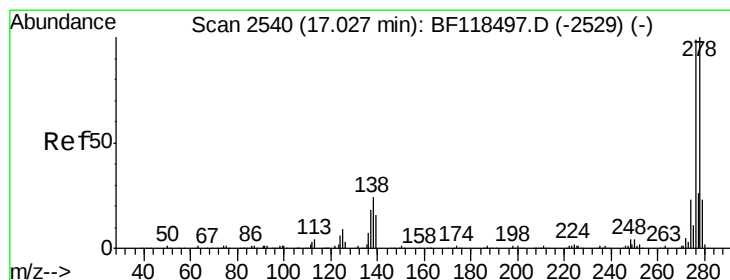
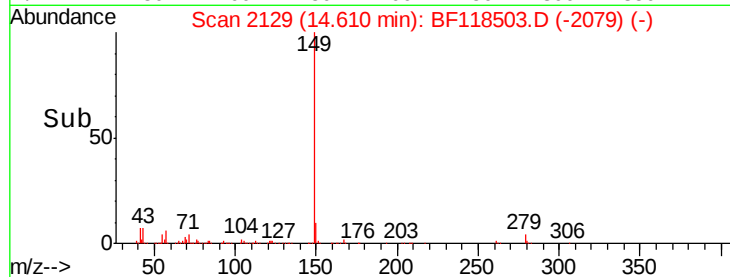
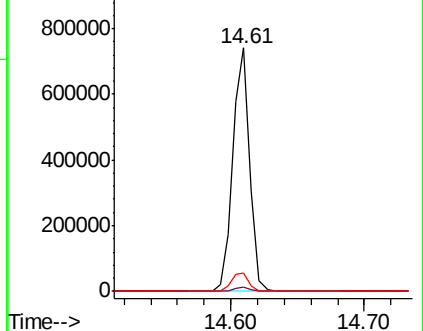
Tgt Ion:	149	Resp:	655925
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.4	9.6



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: 34.890 ng

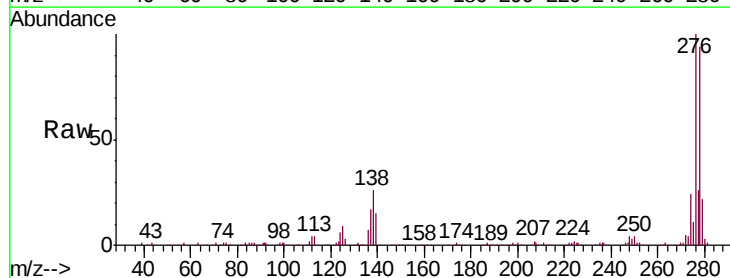
RT: 17.02 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

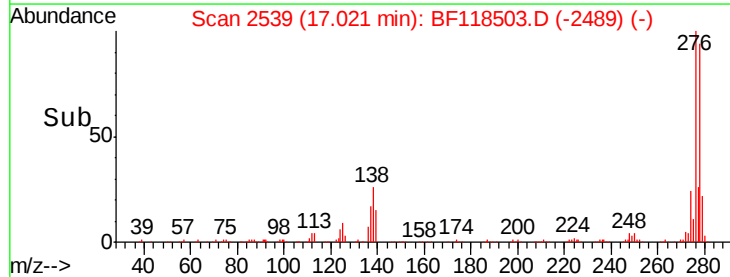
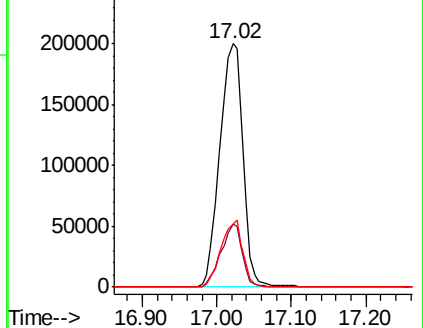
Tgt Ion:	276	Resp:	435885
Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.0	28.4
277	25.8	20.5	30.7

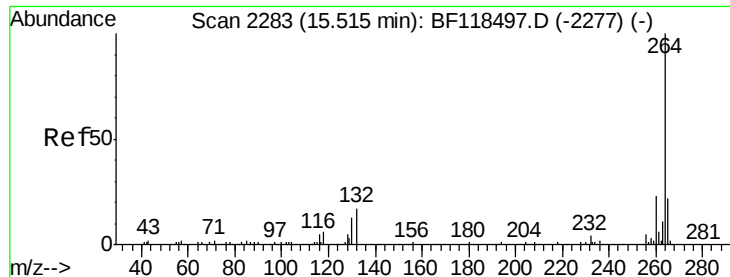


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

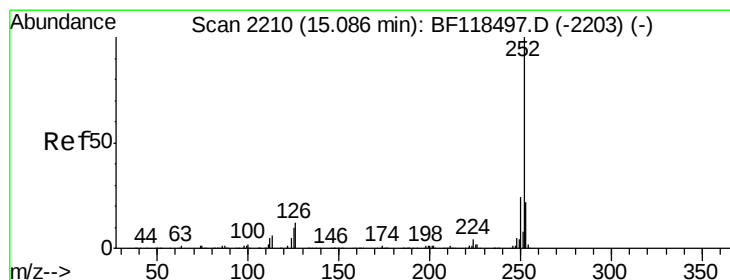
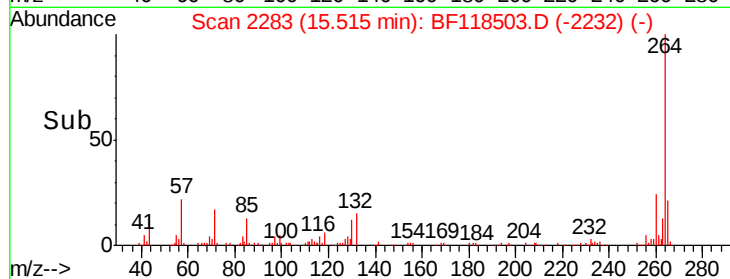
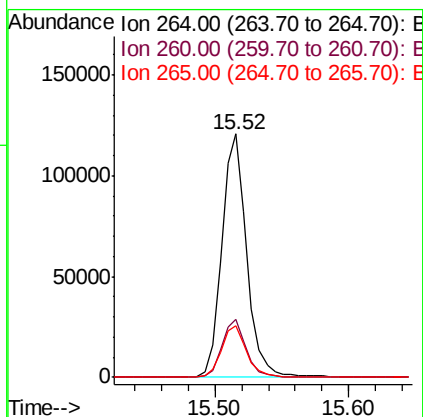
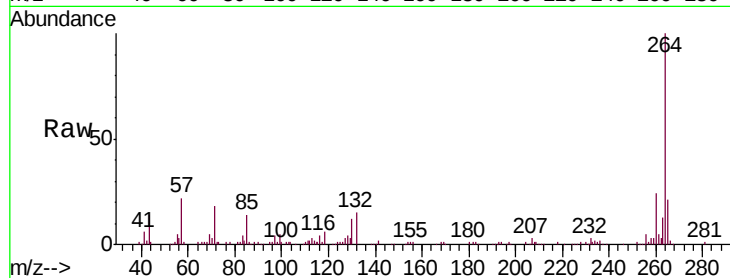




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

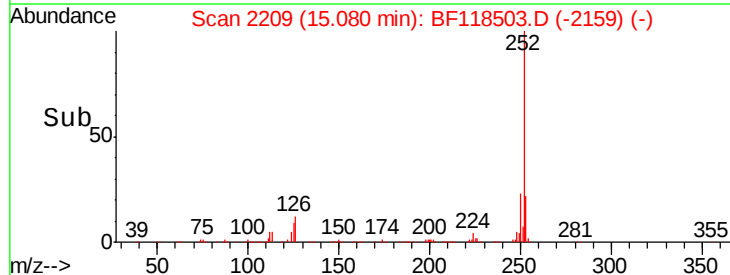
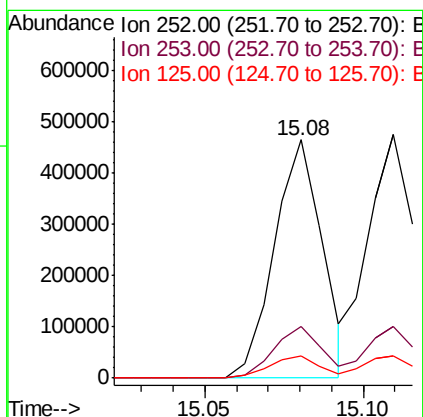
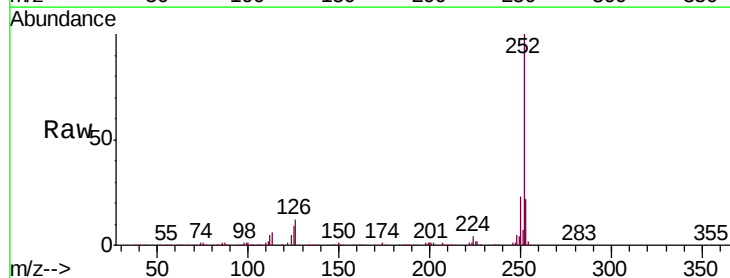
Instrument :
BNA_F
ClientSampleId :
PB125777BS

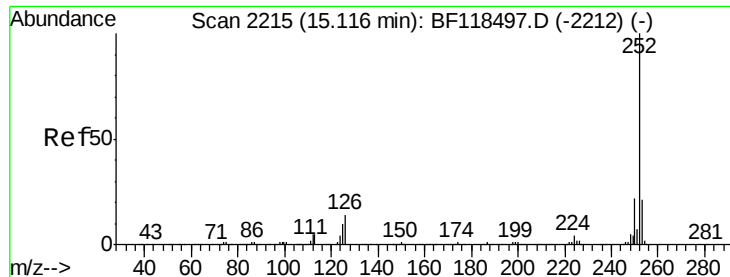
Tgt Ion:264 Resp: 157556
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.3 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 43.035 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:252 Resp: 490217
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.1 7.8 11.6

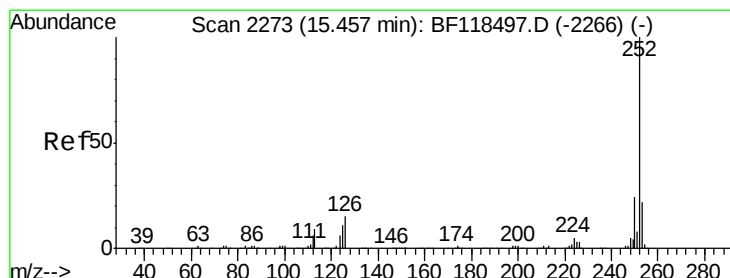
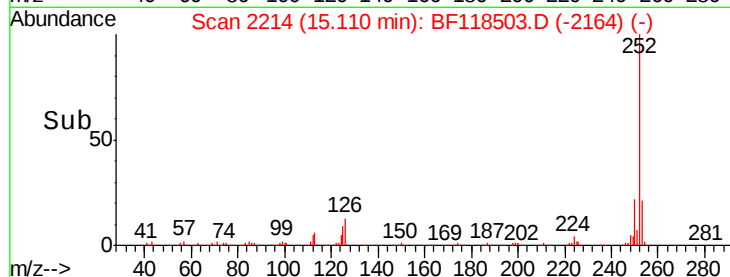
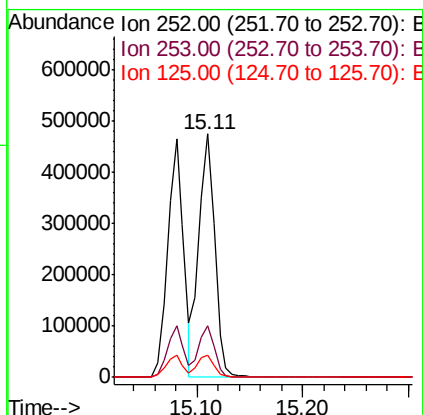
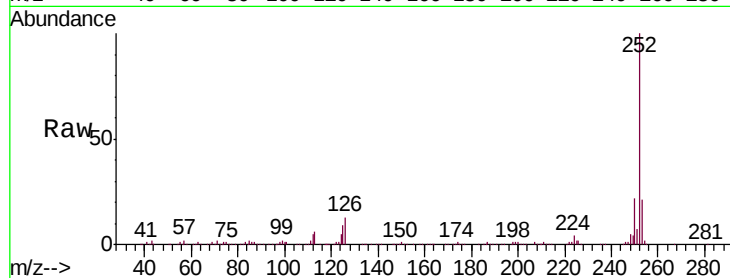




#89
Benzo(k)fluoranthene
Concen: 45.602 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

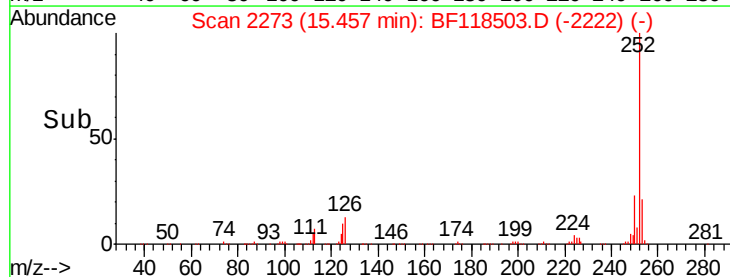
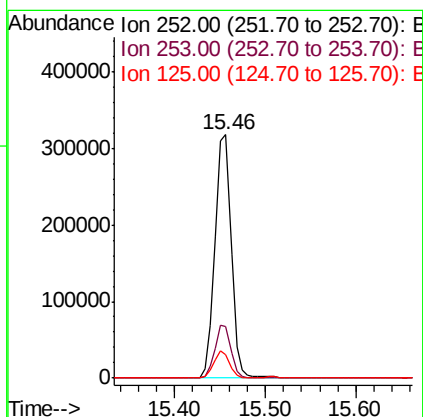
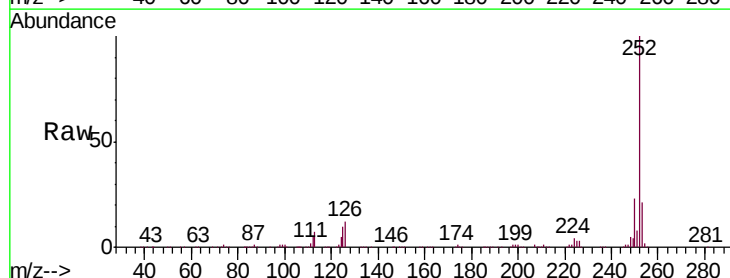
Instrument :
BNA_F
ClientSampleId :
PB125777BS

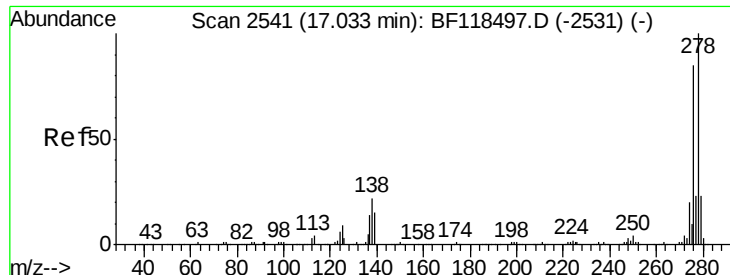
Tgt Ion:252 Resp: 495831
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 9.2 7.8 11.6



#90
Benzo(a)pyrene
Concen: 42.658 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion:252 Resp: 398208
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 9.6 9.0 13.6

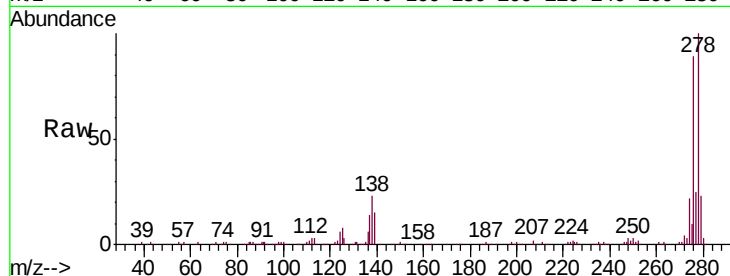




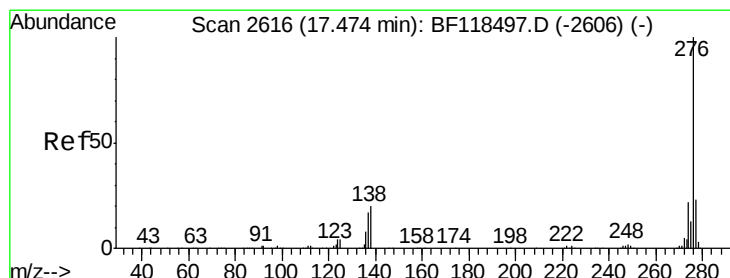
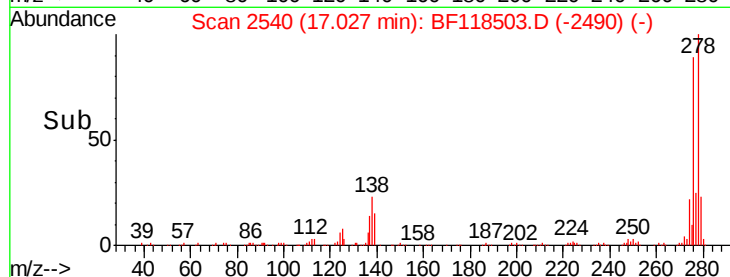
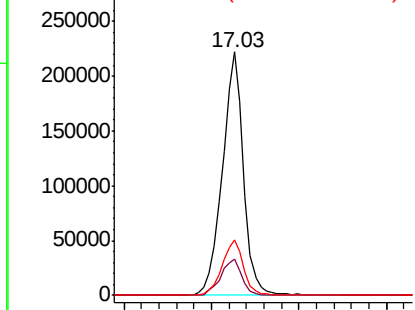
#91
Dibenzo(a,h)anthracene
Concen: 42.159 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.9	17.9
279	22.9	18.6	27.8

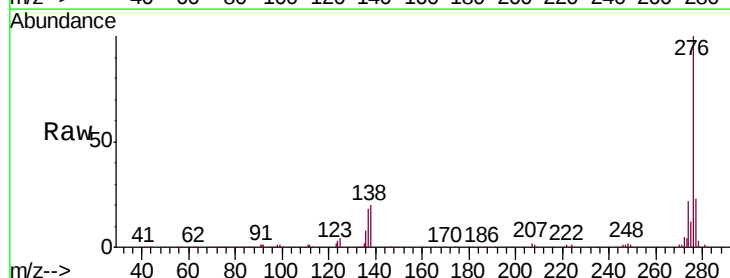


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.135 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.4
138	20.1	16.3	24.5



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

