

Data File : BF118510.D
Acq On : 8 Jan 2020 20:45
Operator : JU
Sample : L1049-10MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Quant Time: Jan 09 03:17:10 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	68317	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	260343	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	136446	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	237304	20.00	ng	0.00
76) Chrysene-d12	14.03	240	172954	20.00	ng	0.00
87) Perylene-d12	15.52	264	219234	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	428502	103.54	ng	0.00
7) Phenol-d6	6.47	99	572907	115.79	ng	0.00
23) Nitrobenzene-d5	7.40	82	331145	66.82	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	185920	115.48	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	615274	64.67	ng	-0.01
79) Terphenyl-d14	12.96	244	582318	53.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	53861	39.037	ng	98
3) Pyridine	3.34	79	134077	36.101	ng	93
4) n-Nitrosodimethylamine	3.29	42	81232	43.647	ng	92
6) Aniline	6.49	93	135002	21.944	ng	# 80
8) 2-Chlorophenol	6.62	128	198188	43.800	ng	97
9) Benzaldehyde	6.38	77	103764	37.670	ng	100
10) Phenol	6.49	94	239108	43.611	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	161721	41.373	ng	98
12) 1,3-Dichlorobenzene	6.77	146	214776	40.604	ng	99
13) 1,4-Dichlorobenzene	6.85	146	219804	40.726	ng	99
14) 1,2-Dichlorobenzene	7.00	146	204983	39.302	ng	99
15) Benzyl Alcohol	6.97	79	168865	42.074	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	164290	37.889	ng	# 53
17) 2-Methylphenol	7.09	107	156879	42.187	ng	98
18) Hexachloroethane	7.34	117	75400	36.870	ng	# 90
19) n-Nitroso-di-n-propylamine	7.25	70	130085	40.820	ng	97
20) 3+4-Methylphenols	7.25	107	203161	40.275	ng	91
22) Acetophenone	7.24	105	270484	40.987	ng	97
24) Nitrobenzene	7.42	77	194971	39.564	ng	97
25) Isophorone	7.66	82	340389	42.873	ng	99
26) 2-Nitrophenol	7.73	139	106854	43.917	ng	98
27) 2,4-Dimethylphenol	7.77	122	169209	51.713	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	207970	39.843	ng	99
29) 2,4-Dichlorophenol	7.98	162	161904	42.378	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	176649	39.810	ng	98
31) Naphthalene	8.14	128	605463	44.460	ng	99
32) Benzoic acid	7.91	122	87437	40.045	ng	99
33) 4-Chloroaniline	8.19	127	61066	10.892	ng	97
34) Hexachlorobutadiene	8.25	225	107217	39.363	ng	98
35) Caprolactam	8.57	113	33418	29.038	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	165538	40.304	ng	99
37) 2-Methylnaphthalene	8.83	142	400297	42.830	ng	99
38) 1-Methylnaphthalene	8.93	142	373381	42.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	165508	39.478	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	37783	41.086	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	107652	41.554	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	113772	42.439	ng	97
46) 1,1'-Biphenyl	9.30	154	459039	41.174	ng	100
47) 2-Chloronaphthalene	9.32	162	348019	39.440	ng	99
48) 2-Nitroaniline	9.43	65	98499	38.629	ng	99
49) Acenaphthylene	9.74	152	562850	42.852	ng	100
50) Dimethylphthalate	9.60	163	463841	44.292	ng	100
51) 2,6-Dinitrotoluene	9.67	165	92790	41.144	ng	94
52) Acenaphthene	9.91	154	358967	44.754	ng	99
53) 3-Nitroaniline	9.84	138	46463	17.588	ng	# 92
54) 2,4-Dinitrophenol	9.96	184	24450	28.209	ng	94
55) Dibenzofuran	10.09	168	540821	44.892	ng	99
56) 4-Nitrophenol	10.02	139	122034	95.140	ng	93
57) 2,4-Dinitrotoluene	10.08	165	127341	42.170	ng	98
58) Fluorene	10.43	166	474459	48.997	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	95434	42.095	ng	# 99
60) Diethylphthalate	10.30	149	468807	43.976	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	217580	44.970	ng	98
62) 4-Nitroaniline	10.46	138	92330	35.695	ng	98
63) Azobenzene	10.58	77	406878	44.912	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	27718	22.095	ng	97
66) n-Nitrosodiphenylamine	10.54	169	381527	49.370	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	127651	45.926	ng	98
68) Hexachlorobenzene	10.99	284	150514	45.346	ng	97
69) Atrazine	11.07	200	110696	48.206	ng	99
70) Pentachlorophenol	11.19	266	104860	95.614	ng	98
71) Phenanthrene	11.40	178	800129	60.190	ng	100
72) Anthracene	11.45	178	602705	45.574	ng	99
73) Carbazole	11.61	167	481794	42.056	ng	100
74) Di-n-butylphthalate	11.93	149	663458	43.410	ng	99
75) Fluoranthene	12.60	202	744244	55.082	ng	96
77) Benzidine	12.72	184	212862	52.669	ng	97
78) Pyrene	12.83	202	715746	50.299	ng	99
80) Butylbenzylphthalate	13.43	149	235815	36.185	ng	100
81) Benzo(a)anthracene	14.02	228	590852	48.807	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	153253	38.929	ng	99
83) Chrysene	14.06	228	564703	48.003	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	327942	37.062	ng	99
85) Di-n-octyl phthalate	14.61	149	538498	42.429	ng	# 99
86) Indeno(1,2,3-cd)pyrene	17.03	276	483020	51.000	ng	99
88) Benzo(b)fluoranthene	15.09	252	620483	39.146	ng	99
89) Benzo(k)fluoranthene	15.11	252	519595	34.344	ng	98
90) Benzo(a)pyrene	15.46	252	577779	44.482	ng	98
91) Dibenzo(a,h)anthracene	17.03	278	389721	31.998	ng	99
92) Benzo(g,h,i)perylene	17.47	276	405704	35.155	ng	98

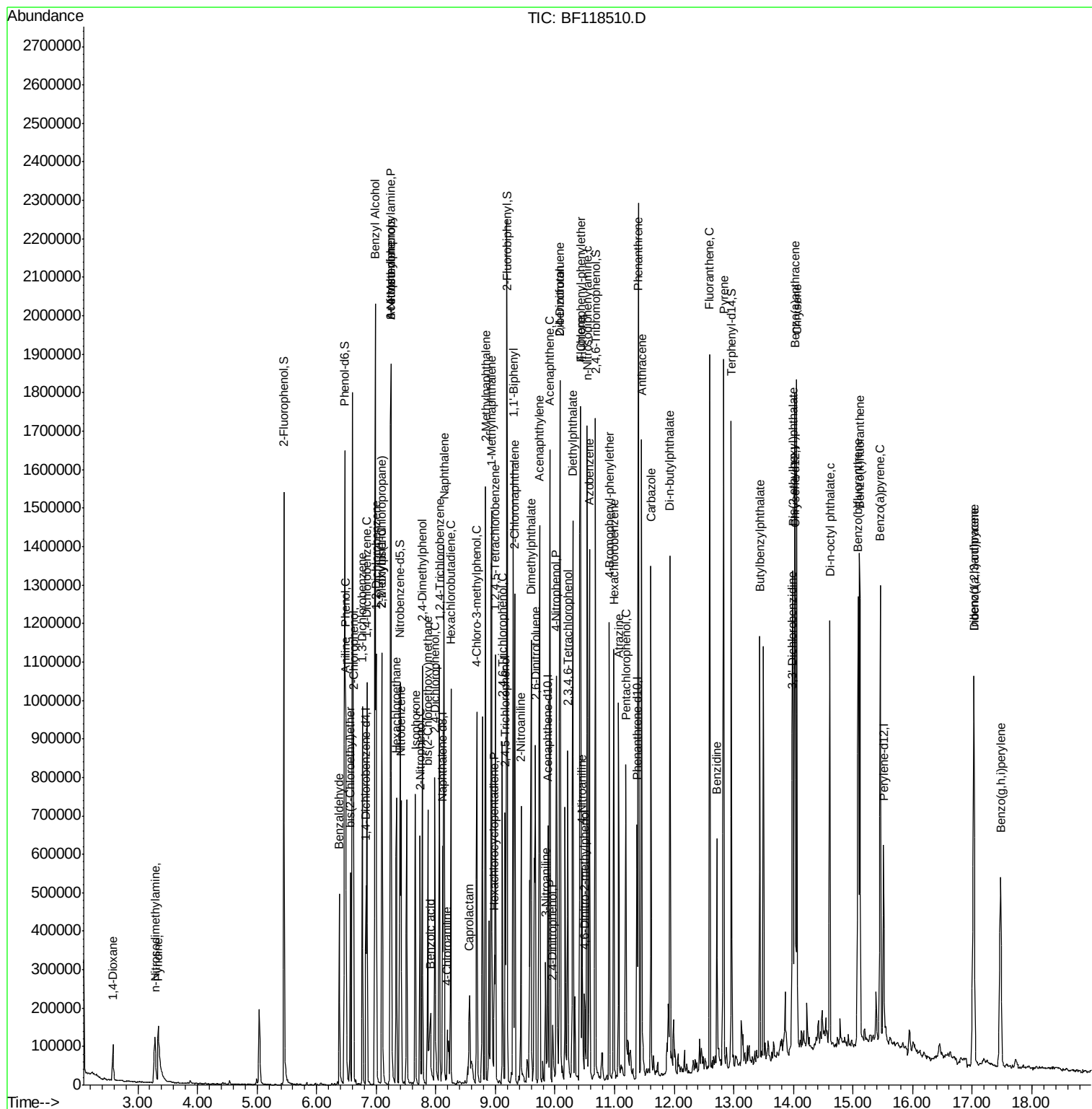
(#) = qualifier out of range (m) = manual integration (+) = signals summed

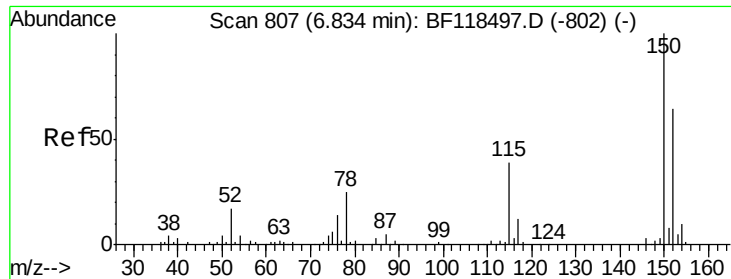
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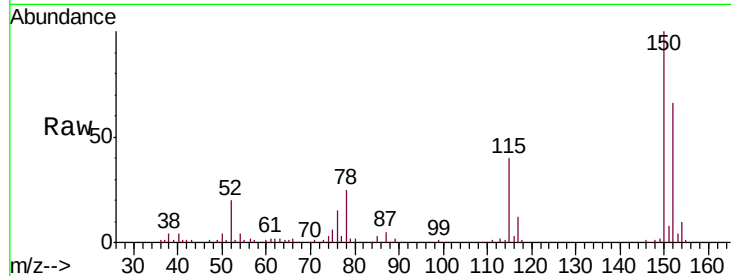


#1

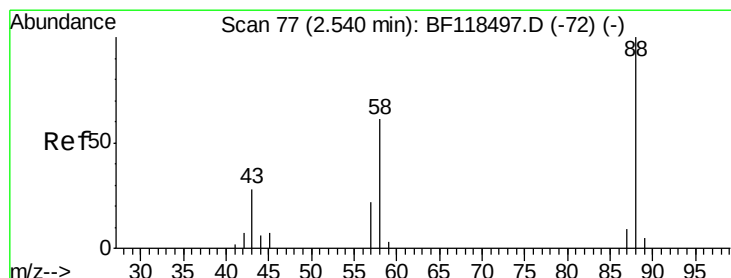
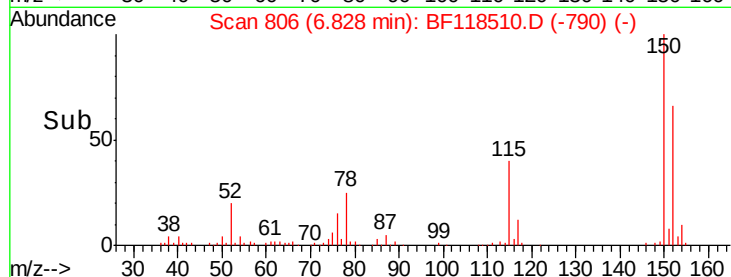
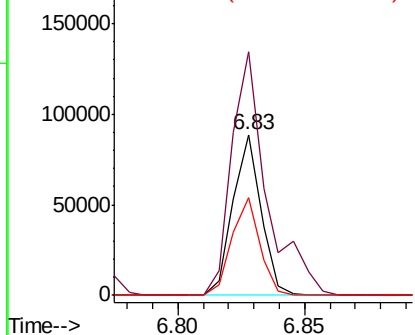
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:152 Resp: 68317
Ion Ratio Lower Upper
152 100
150 151.2 124.7 187.1
115 60.9 49.0 73.6



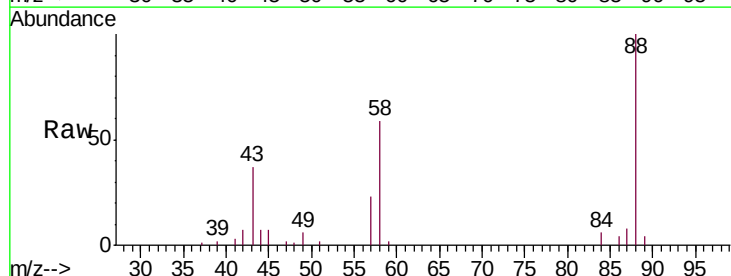
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



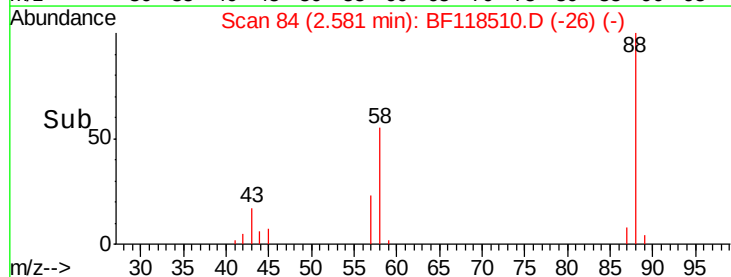
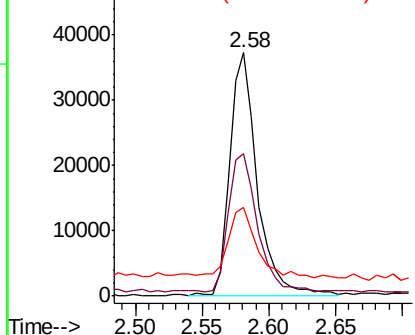
#2

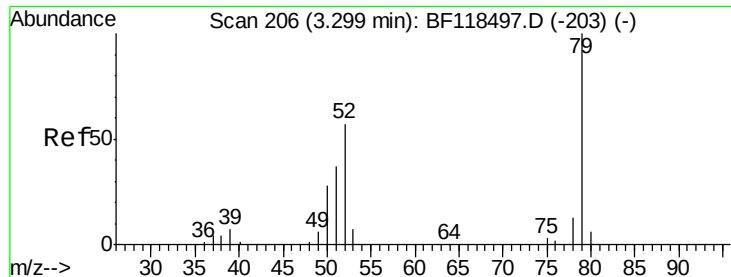
1,4-Dioxane
Concen: 39.037 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.04 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion: 88 Resp: 53861
Ion Ratio Lower Upper
88 100
58 59.1 48.3 72.5
43 30.6 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: 36.101 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.04 min

Lab File: BF118510.D

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Instrument :

BNA_F

ClientSampleId :

TP-4MS

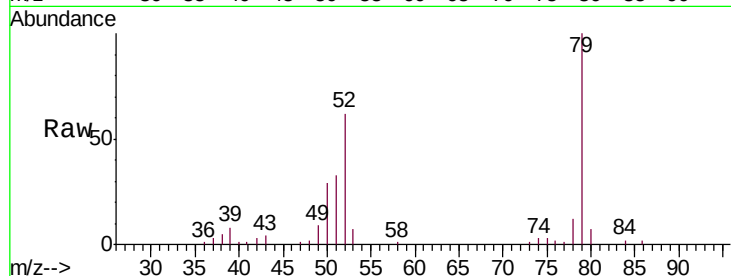
Tgt Ion: 79 Resp: 134077

Ion Ratio Lower Upper

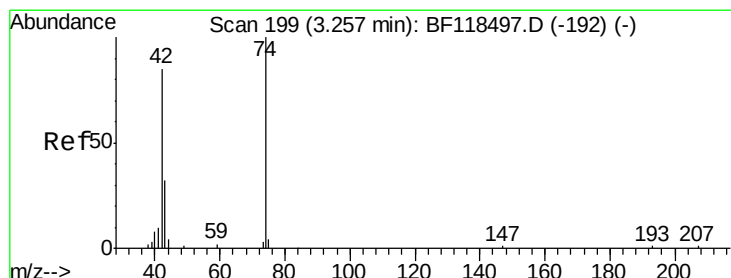
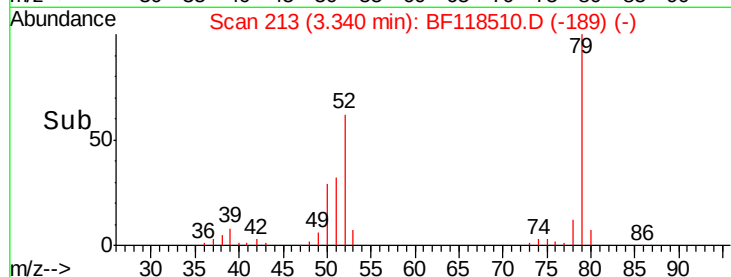
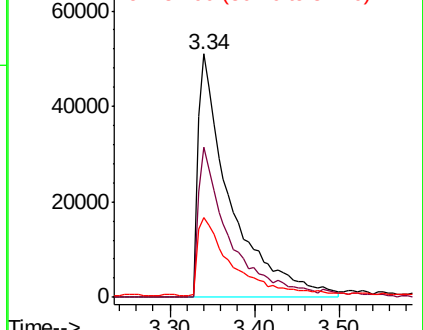
79 100

52 61.9 45.9 68.9

51 32.9 29.8 44.6



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



#4

n-Nitrosodimethylamine

Concen: 43.647 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.03 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

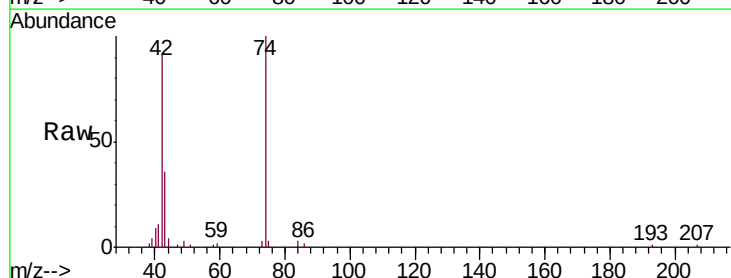
Tgt Ion: 42 Resp: 81232

Ion Ratio Lower Upper

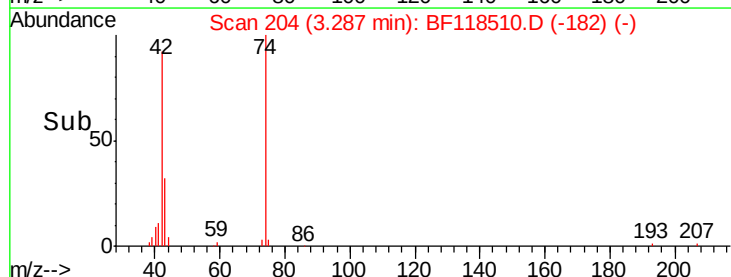
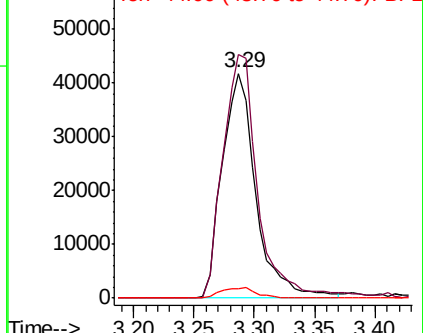
42 100

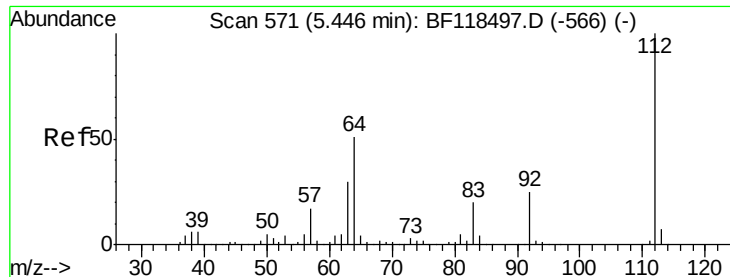
74 108.3 94.1 141.1

44 4.1 4.1 6.1



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





#5

2-Fluorophenol

Concen: 103.539 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

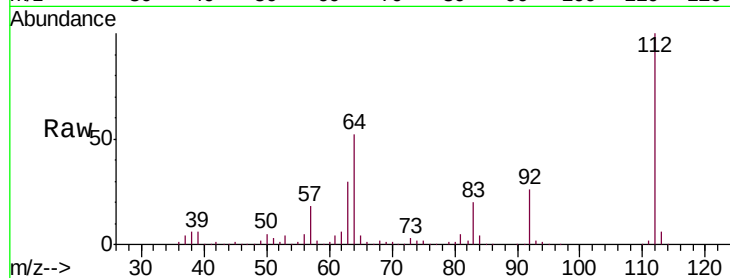
Instrument :

BNA_F

ClientSampleId :

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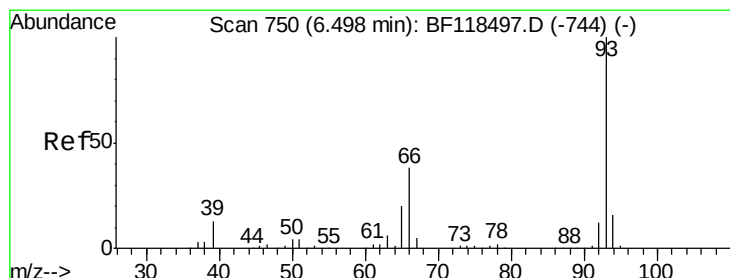
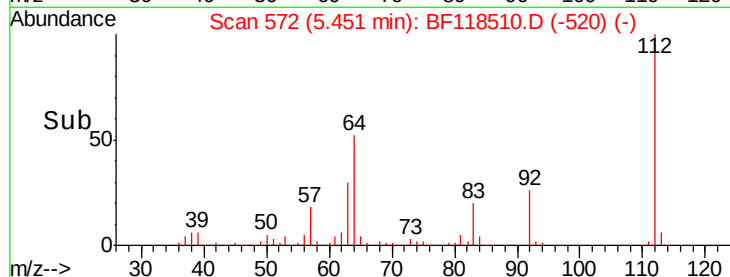
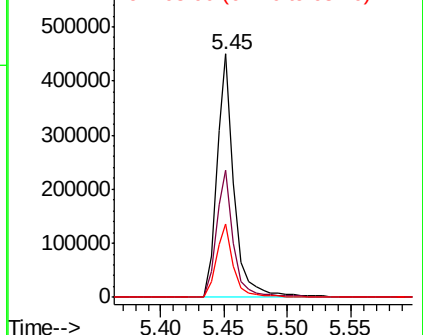
Tgt Ion:	112	Resp:	428502
Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.1	61.7
63	30.0	24.1	36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.944 ng

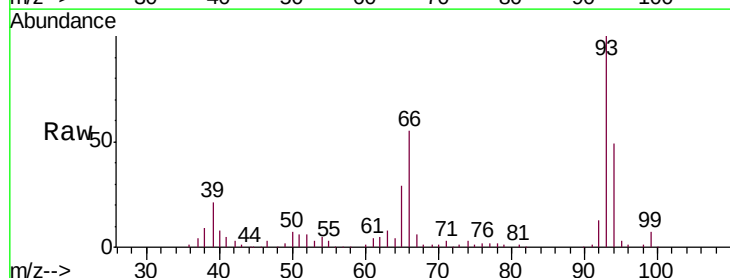
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

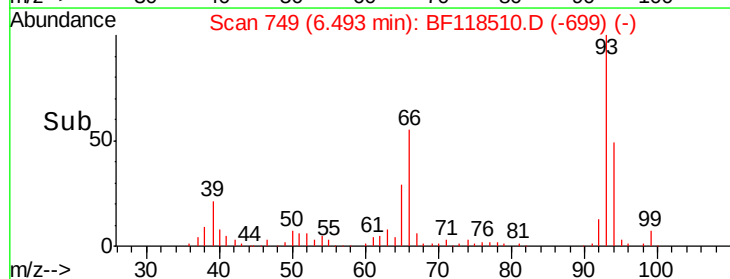
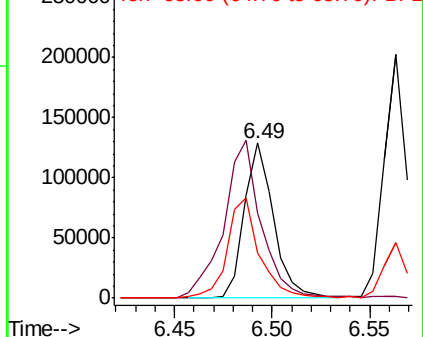
Tgt Ion:	93	Resp:	135002
Ion	Ratio	Lower	Upper
93	100		
66	54.7	33.4	50.0#
65	29.2	16.7	25.1#

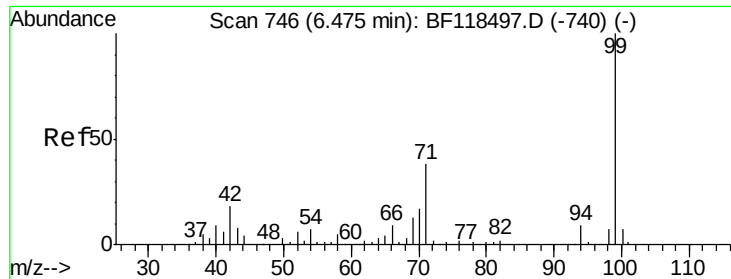


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.788 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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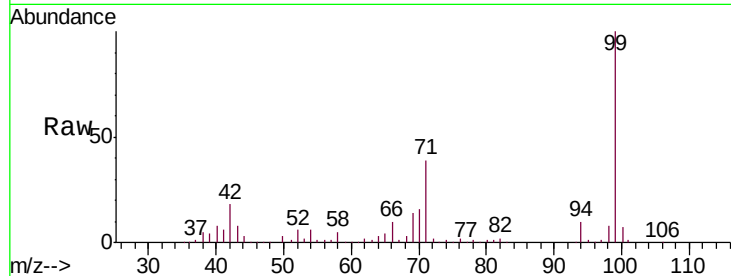
Tgt Ion: 99 Resp: 572907

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

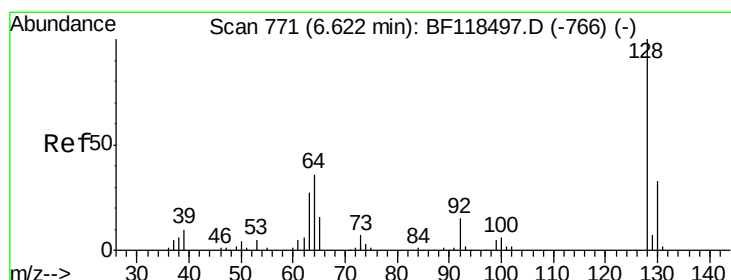
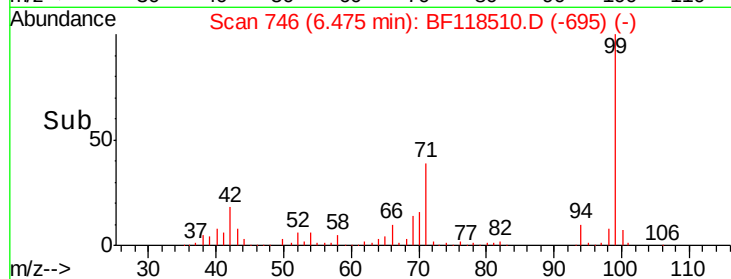
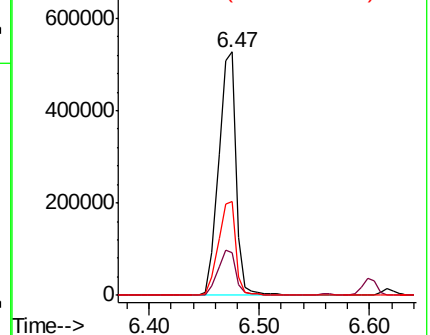
71 38.6 30.6 45.8



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: 43.800 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

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Acq: 8 Jan 2020 20:45

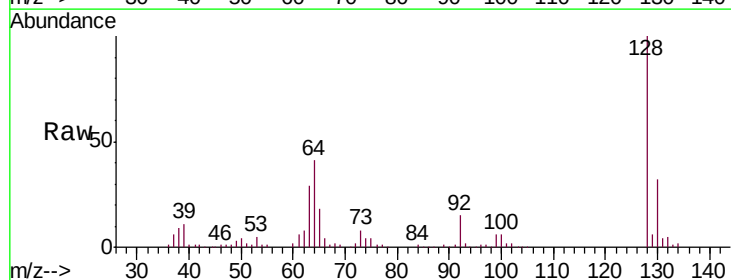
Tgt Ion: 128 Resp: 198188

Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

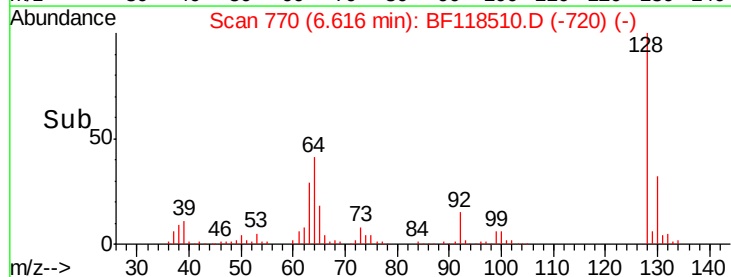
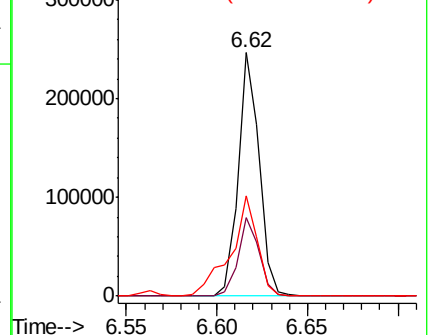
64 41.1 17.8 57.8

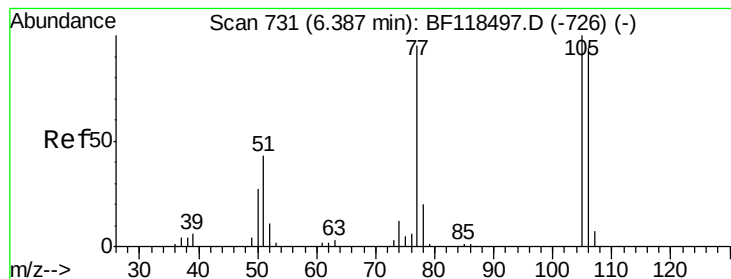


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.670 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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ClientSampled :

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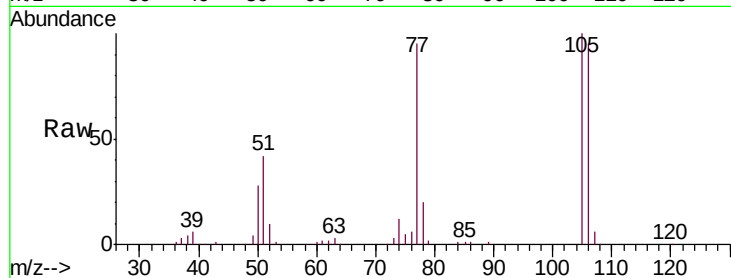
Tgt Ion: 77 Resp: 103764

Ion Ratio Lower Upper

77 100

105 105.4 85.4 125.4

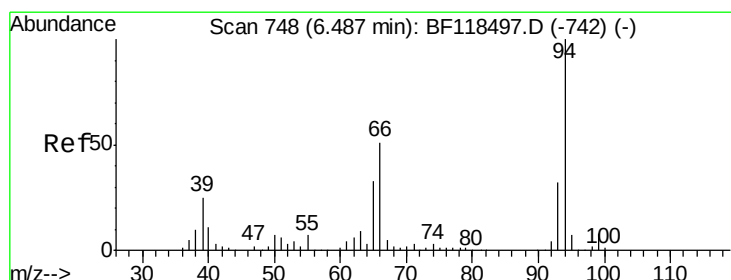
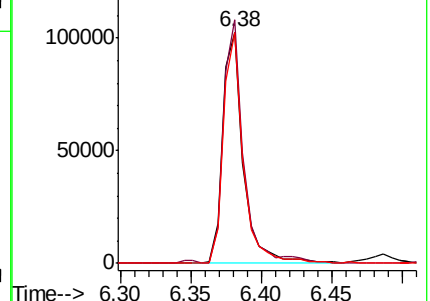
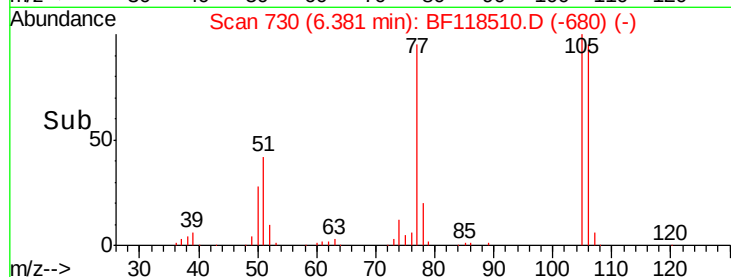
106 99.8 79.5 119.5



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: 43.611 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

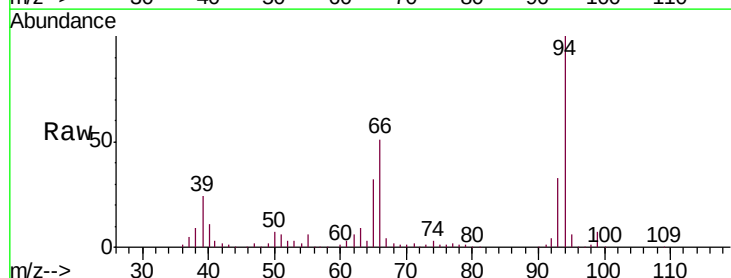
Tgt Ion: 94 Resp: 239108

Ion Ratio Lower Upper

94 100

65 32.5 13.3 53.3

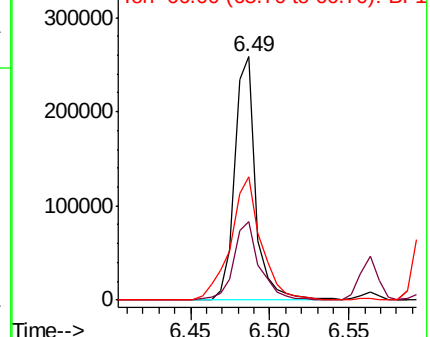
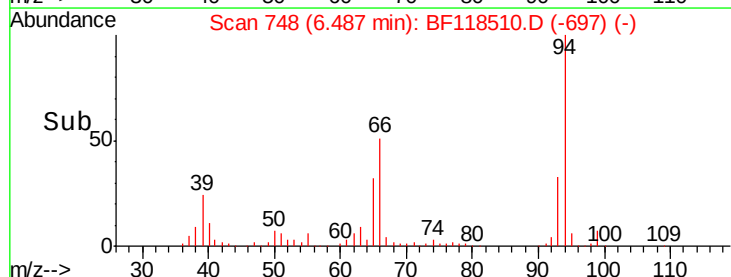
66 50.9 30.9 70.9

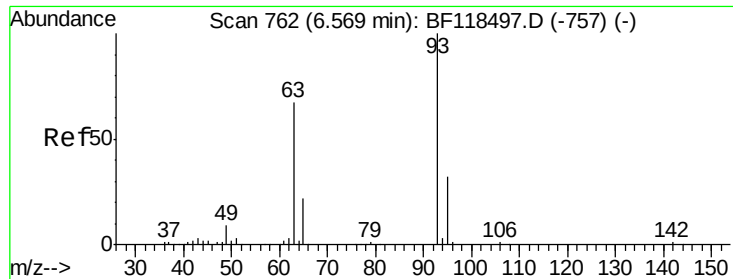


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

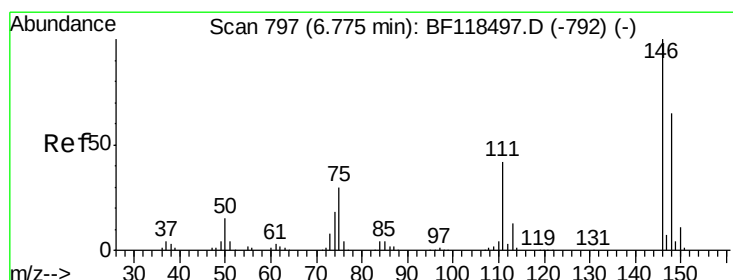
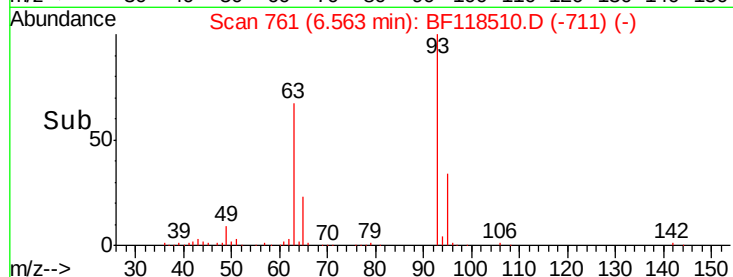
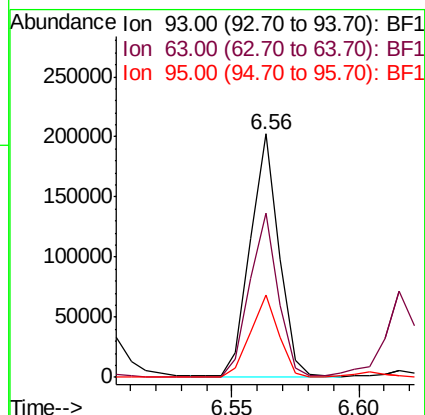
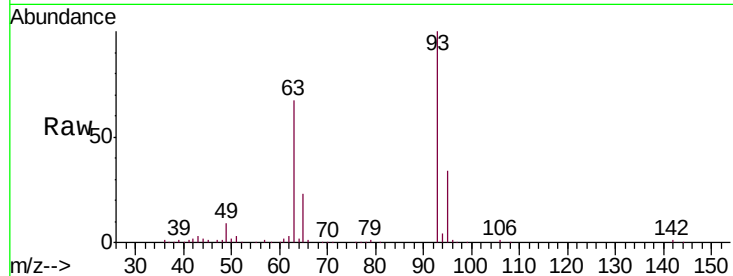




#11
bis(2-Chloroethyl)ether
Concen: 41.373 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

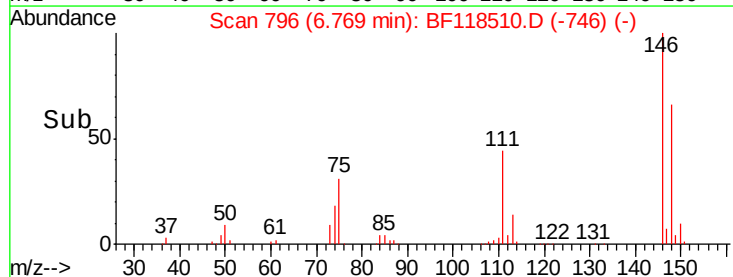
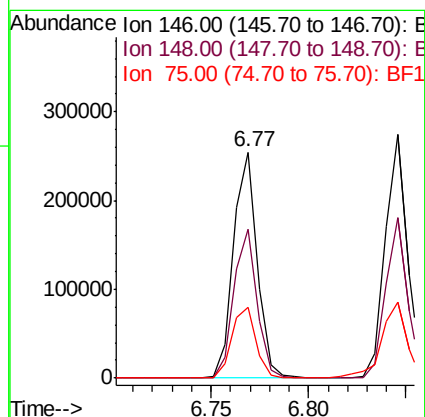
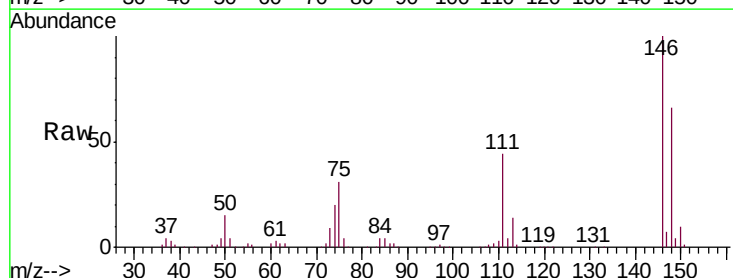
Instrument :
BNA_F
ClientSampleId :
TP-4MS

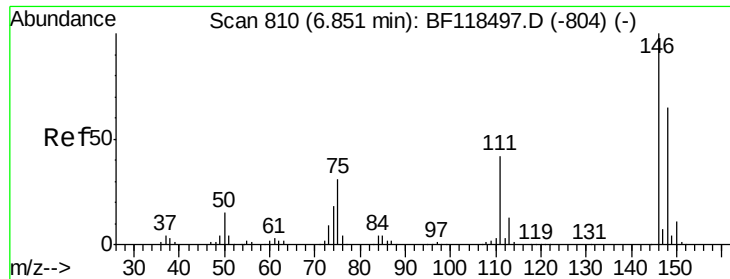
Tgt Ion: 93 Resp: 161721
Ion Ratio Lower Upper
93 100
63 67.2 46.6 86.6
95 33.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.604 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion: 146 Resp: 214776
Ion Ratio Lower Upper
146 100
148 65.7 52.4 78.6
75 31.1 24.1 36.1

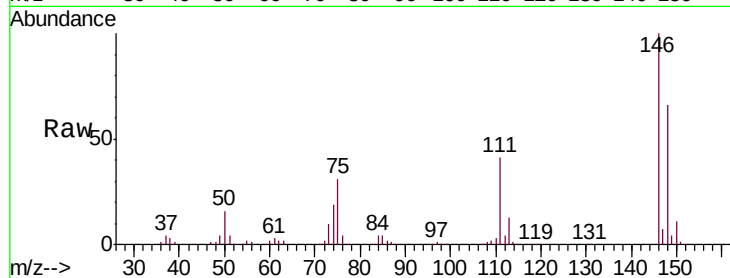




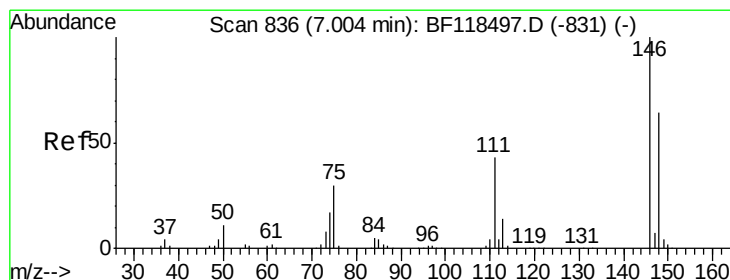
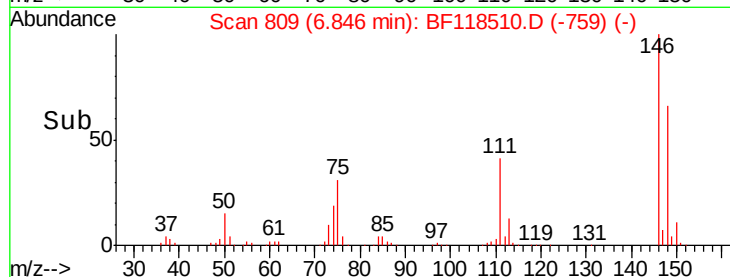
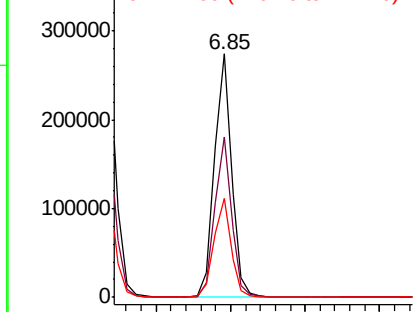
#13
 1,4-Dichlorobenzene
 Concen: 40.726 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Tgt Ion:146 Resp: 219804
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.2
 111 40.8 33.2 49.8

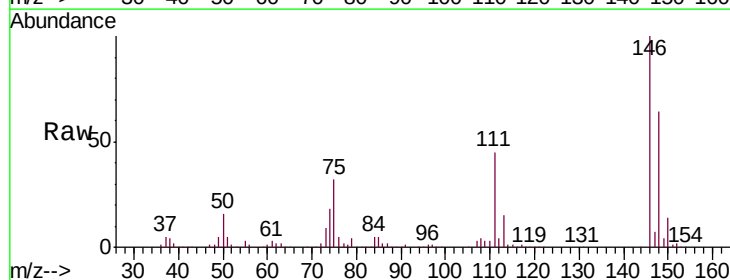


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

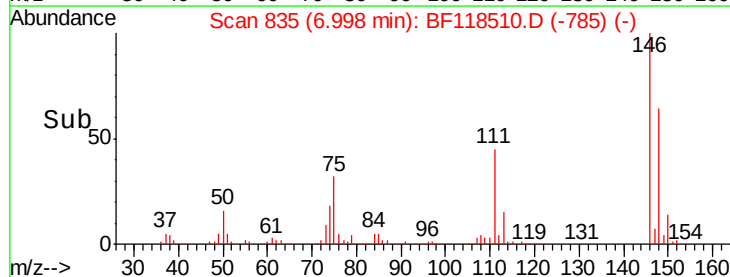
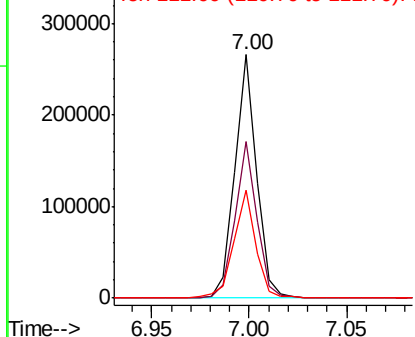


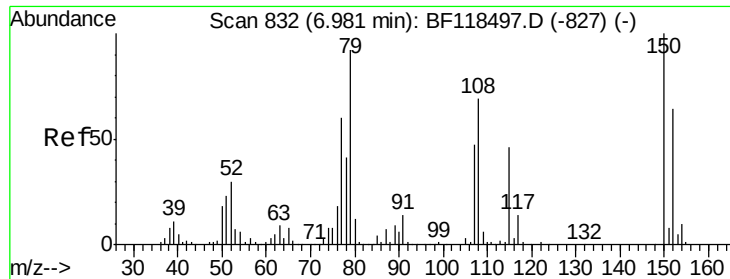
#14
 1,2-Dichlorobenzene
 Concen: 39.302 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Tgt Ion:146 Resp: 204983
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 44.6 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

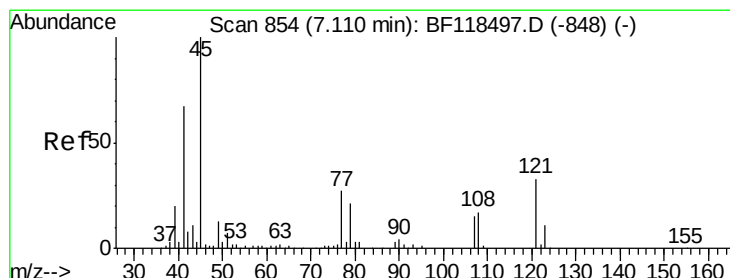
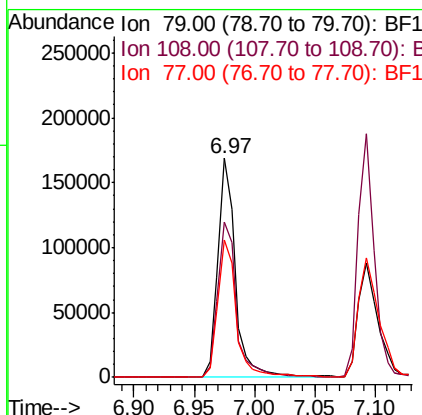
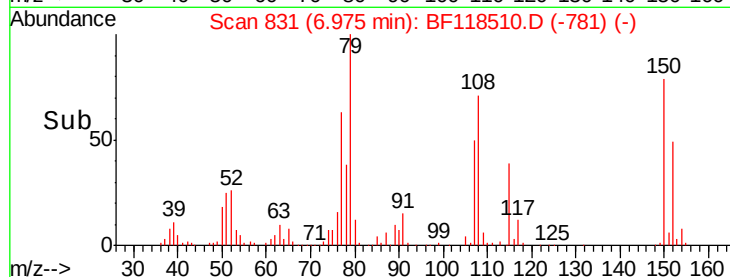
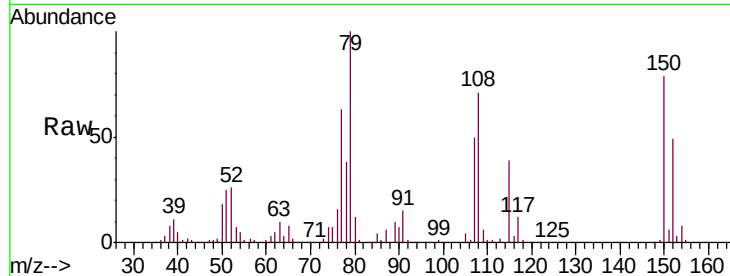




#15
Benzyl Alcohol
Concen: 42.074 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

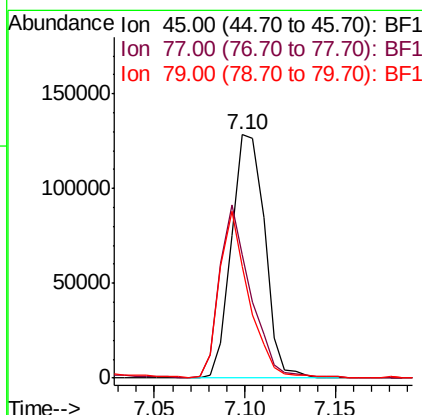
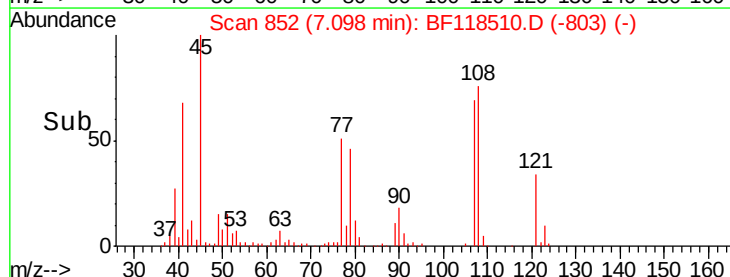
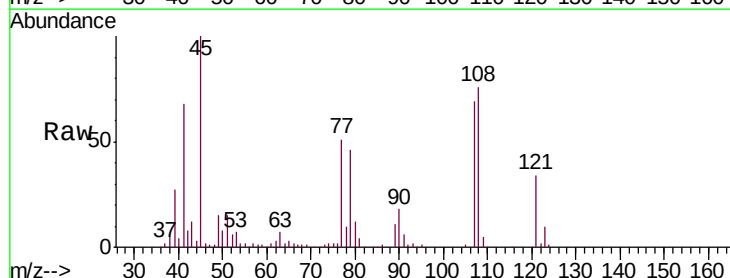
Instrument :
BNA_F
ClientSampleId :
TP-4MS

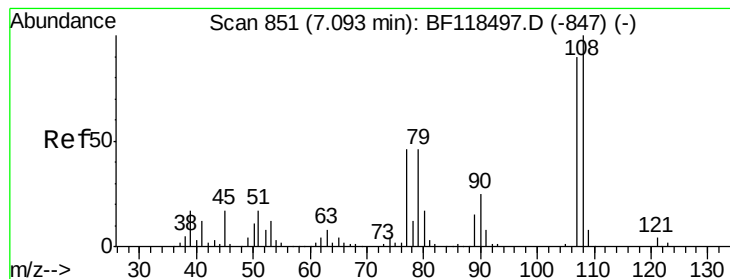
Tgt Ion: 79 Resp: 168865
Ion Ratio Lower Upper
79 100
108 71.2 60.2 90.2
77 62.7 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.889 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion: 45 Resp: 164290
Ion Ratio Lower Upper
45 100
77 50.7 7.6 47.6#
79 45.8 2.0 42.0#

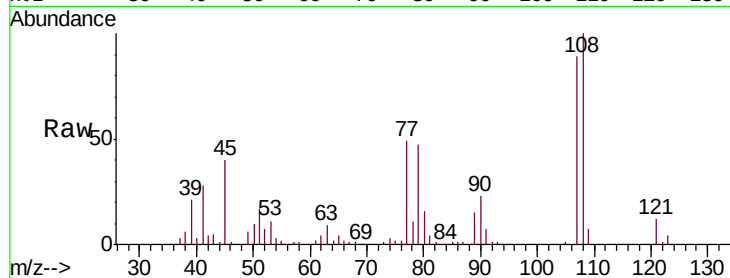




#17
2-Methylphenol
Concen: 42.187 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:	107	Resp:	156879
Ion	Ratio	Lower	Upper
107	100		
108	111.8	88.9	133.3
77	54.6	41.2	61.8
79	52.4	41.6	62.4



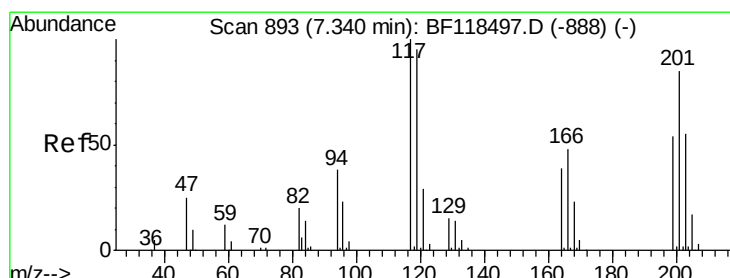
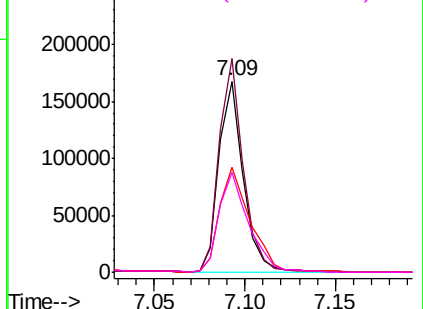
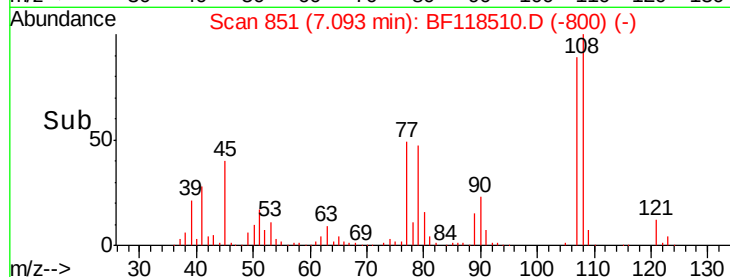
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

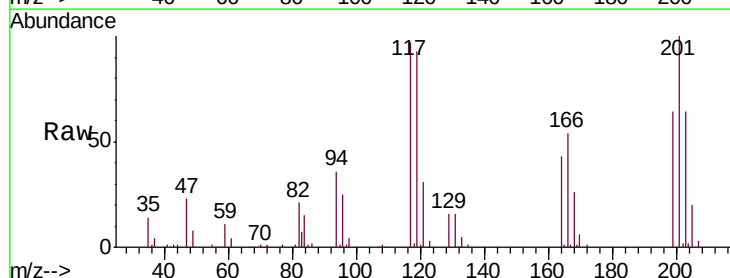
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.870 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:	117	Resp:	75400
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.2	114.4
201	103.4	67.7	101.5#

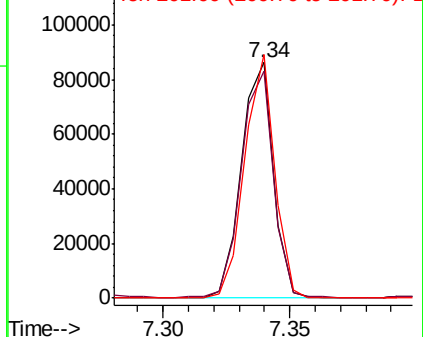
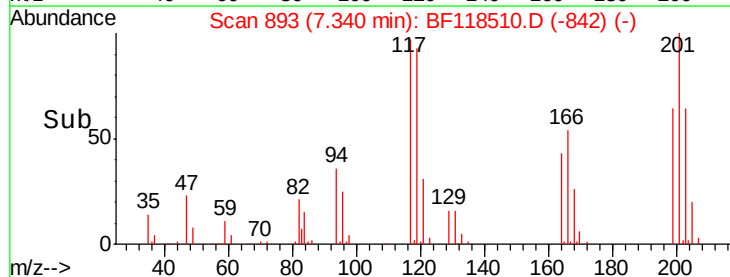


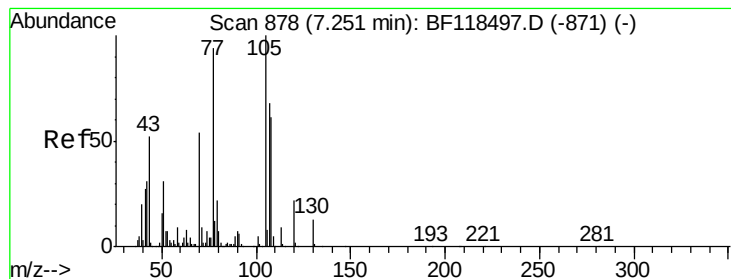
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.820 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 70 Resp: 130085

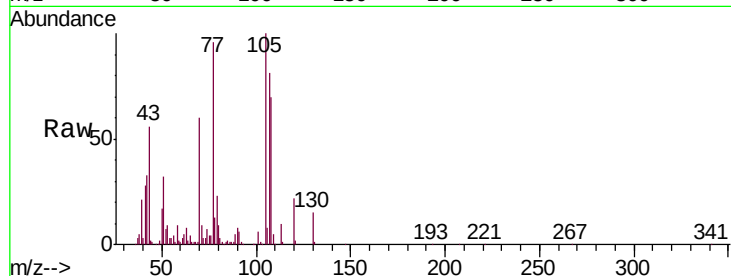
Ion Ratio Lower Upper

70 100

42 54.8 45.6 68.4

101 10.3 8.2 12.2

130 25.9 19.2 28.8



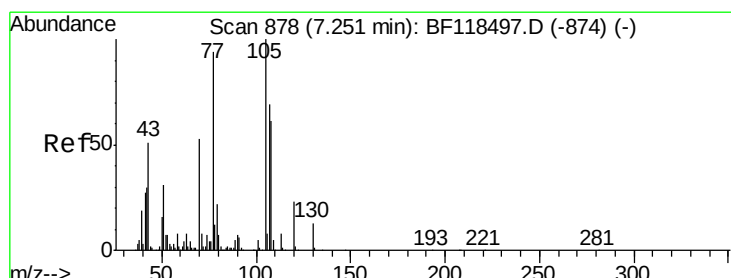
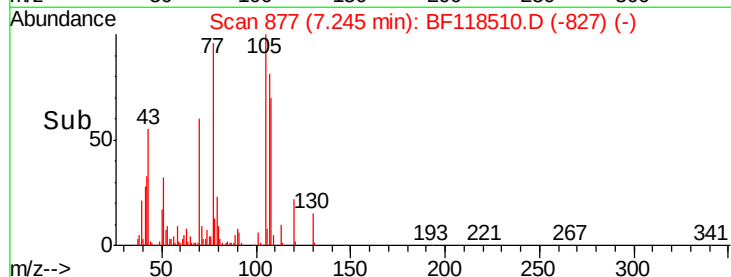
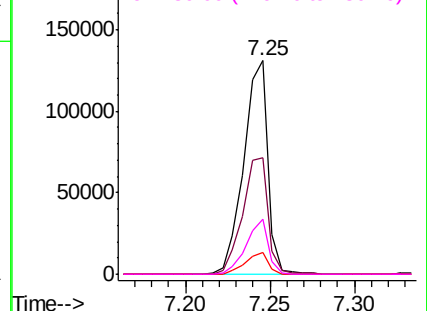
Abundance

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: 40.275 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Tgt Ion: 107 Resp: 203161

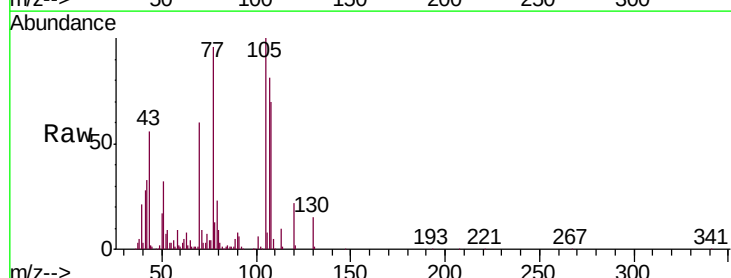
Ion Ratio Lower Upper

107 100

108 86.2 68.9 108.9

77 119.2 116.8 156.8

79 29.0 11.7 51.7



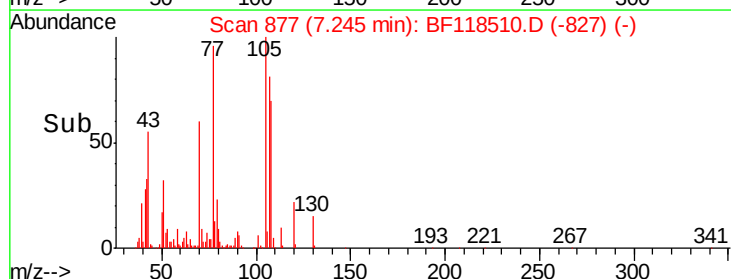
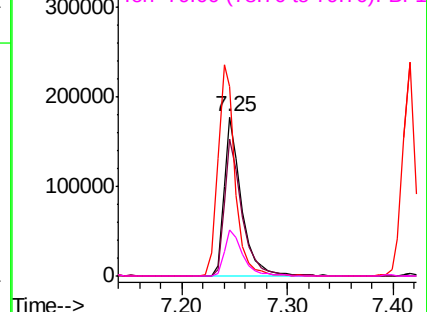
Abundance

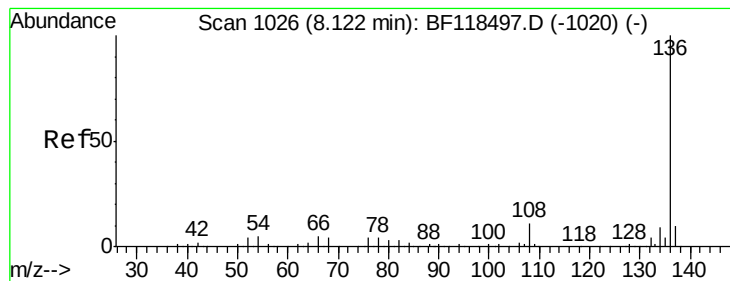
Ion 107.00 (106.70 to 107.70): E

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: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:136 Resp: 260343

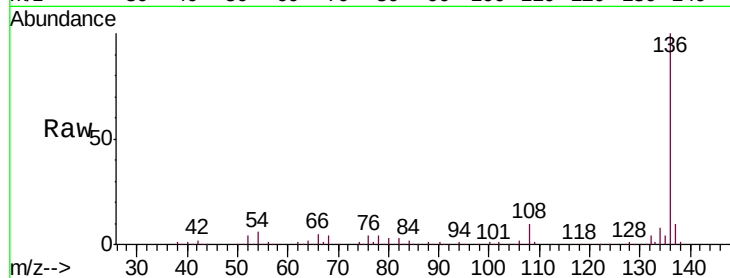
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 5.5 4.2 6.2

68 4.2 3.3 4.9

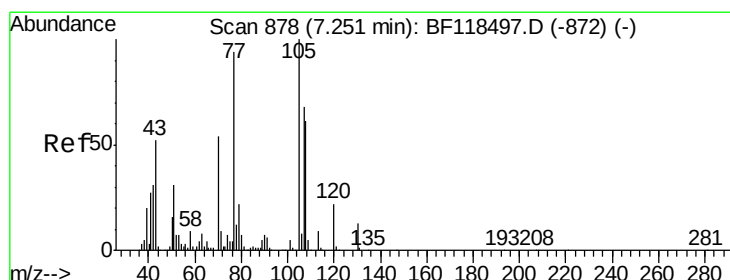
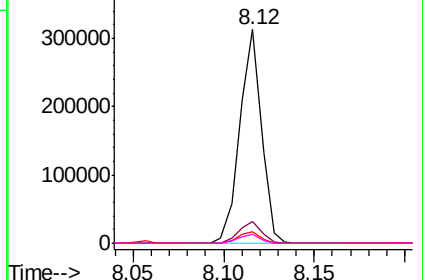
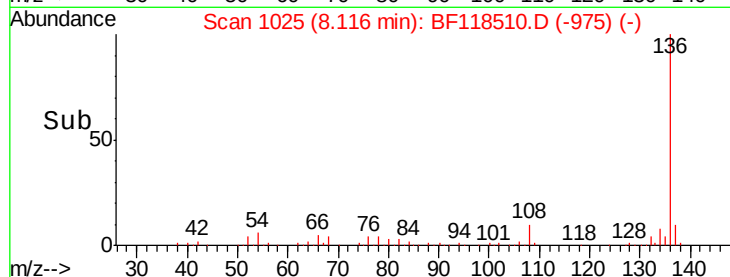


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.987 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Tgt Ion:105 Resp: 270484

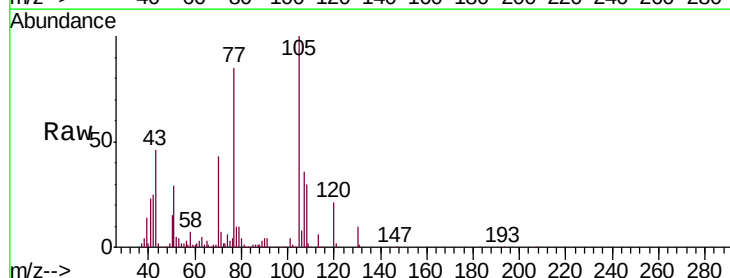
Ion Ratio Lower Upper

105 100

71 7.2 6.9 10.3

51 29.5 25.0 37.4

120 21.2 18.0 27.0

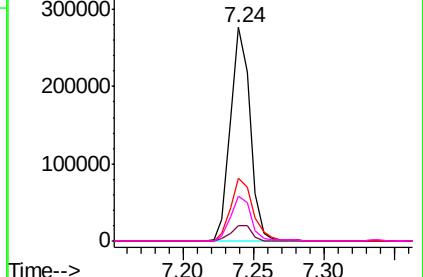
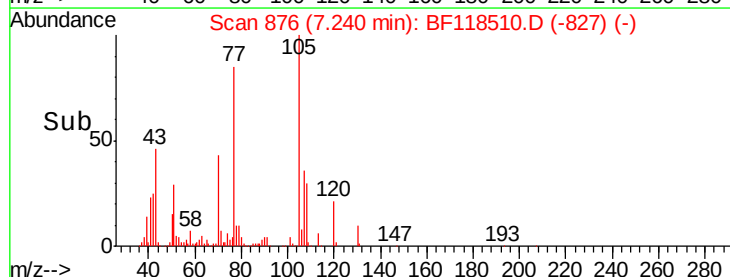


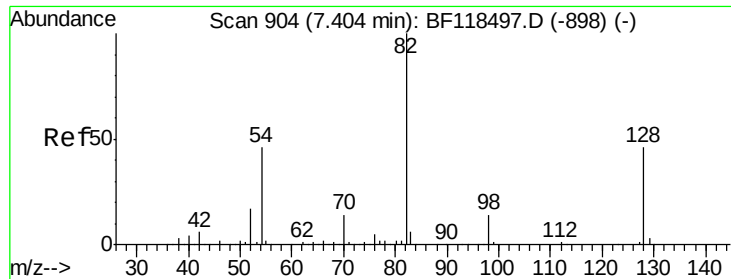
Abundance Ion 105.00 (104.70 to 105.70): E

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

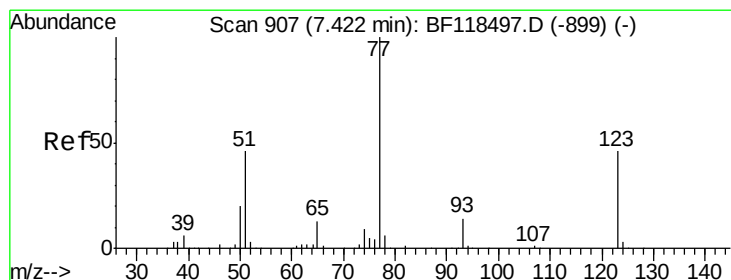
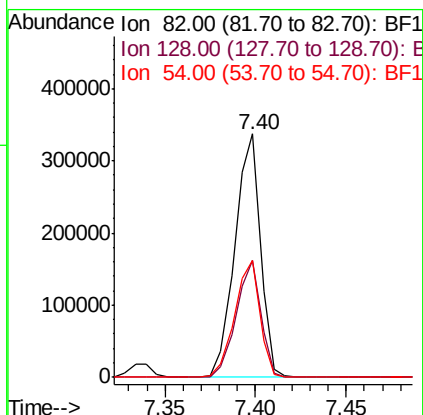
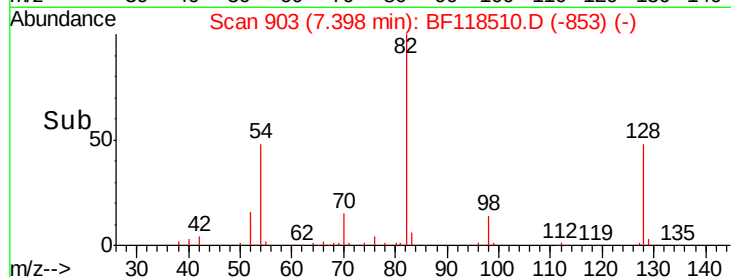
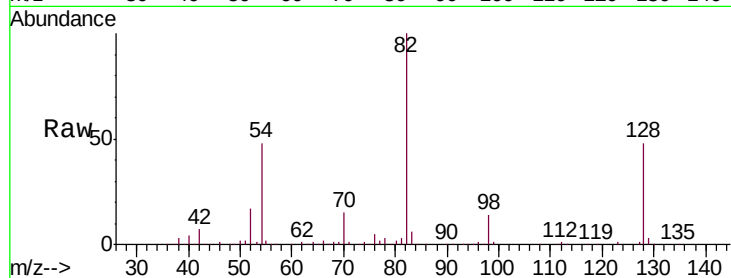




#23
Nitrobenzene-d5
Concen: 66.818 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

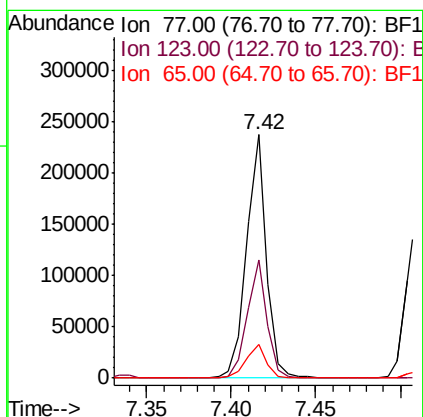
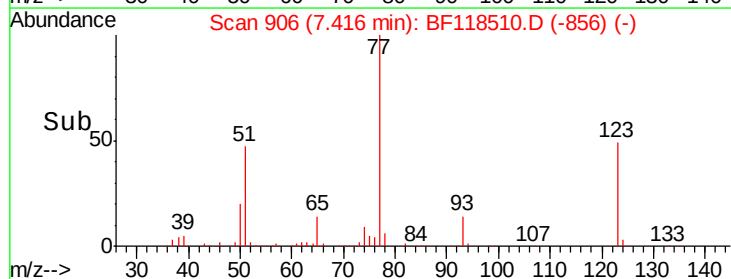
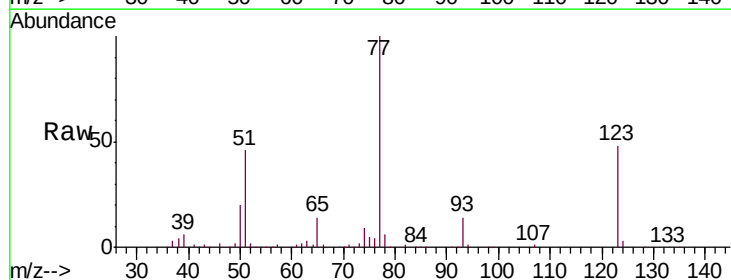
Instrument :
BNA_F
ClientSampleId :
TP-4MS

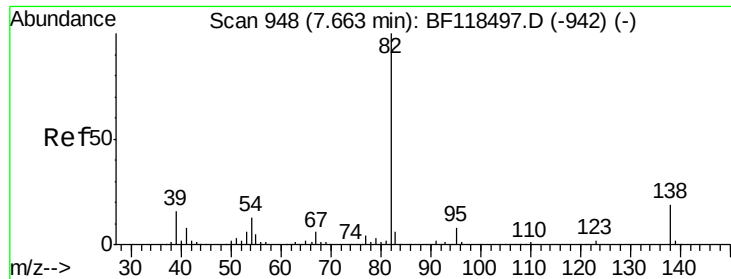
Tgt Ion: 82 Resp: 331145
Ion Ratio Lower Upper
82 100
128 48.0 36.6 54.8
54 48.2 37.0 55.6



#24
Nitrobenzene
Concen: 39.564 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion: 77 Resp: 194971
Ion Ratio Lower Upper
77 100
123 48.5 37.0 55.4
65 13.9 10.7 16.1





#25

Isophorone

Concen: 42.873 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

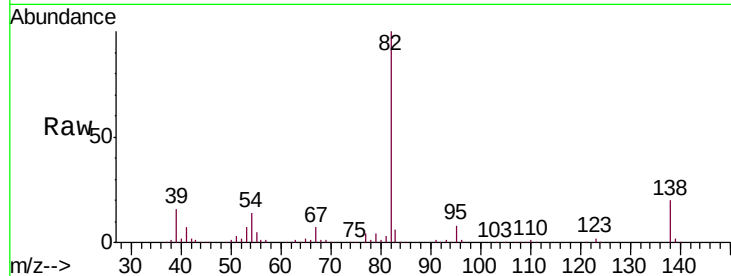
Tgt Ion: 82 Resp: 340389

Ion Ratio Lower Upper

82 100

95 8.4 6.6 9.8

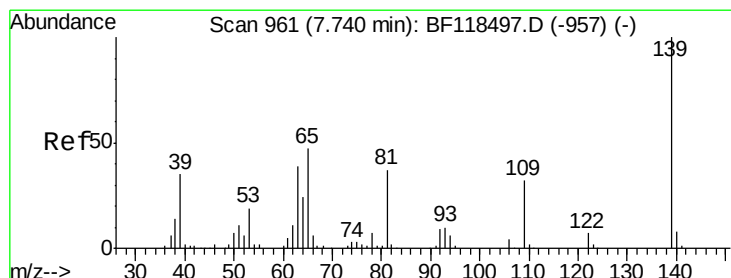
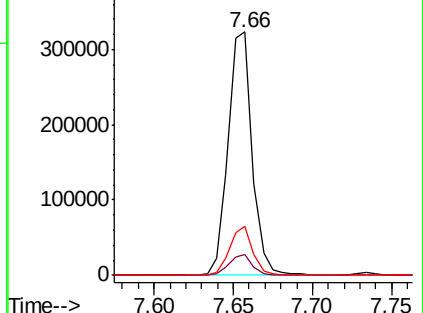
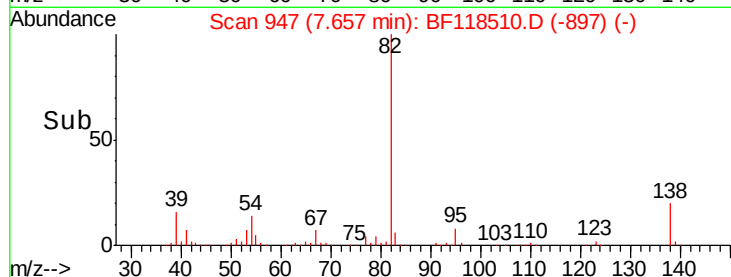
138 20.1 15.4 23.2



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: 43.917 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

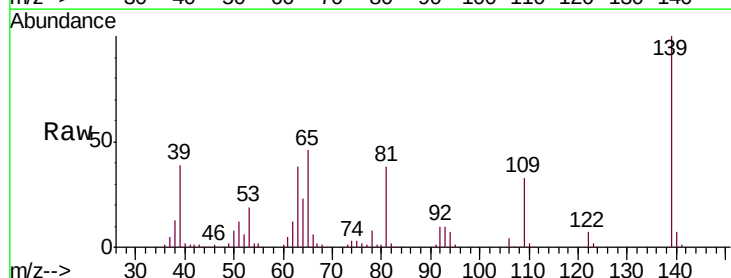
Tgt Ion: 139 Resp: 106854

Ion Ratio Lower Upper

139 100

109 33.1 25.7 38.5

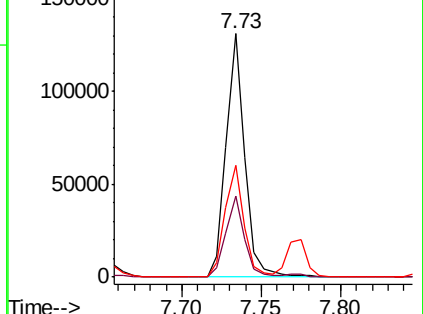
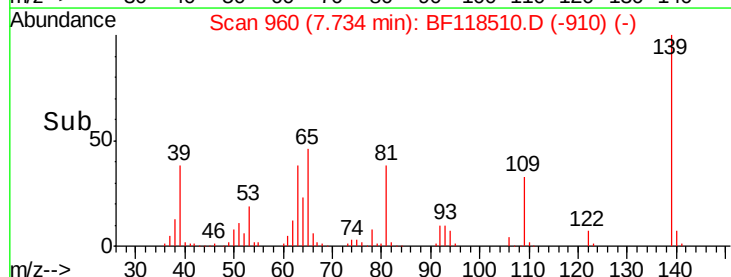
65 46.0 37.8 56.6

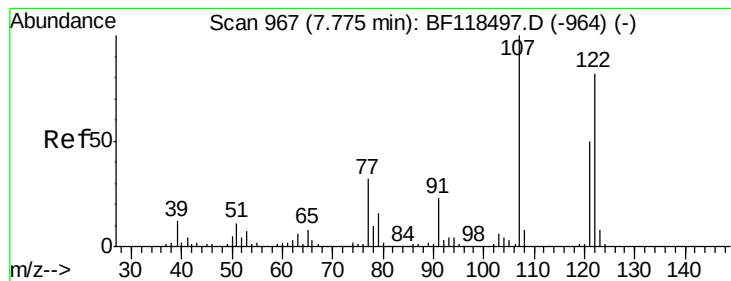


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.713 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

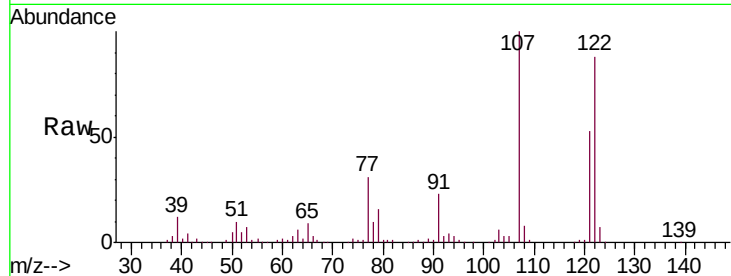
Tgt Ion:122 Resp: 169209

Ion Ratio Lower Upper

122 100

107 113.6 97.9 146.9

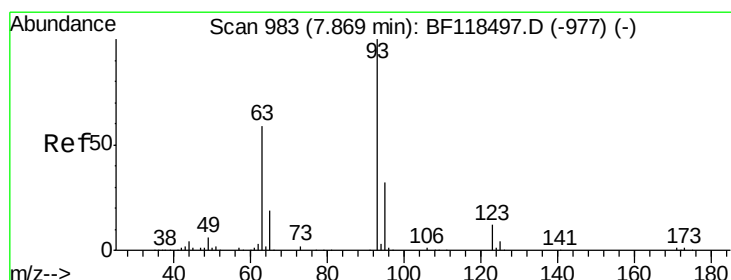
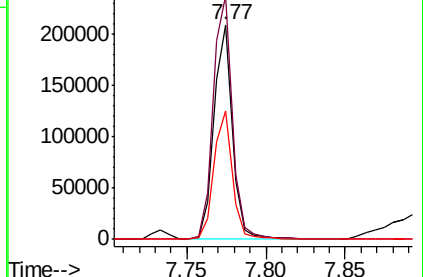
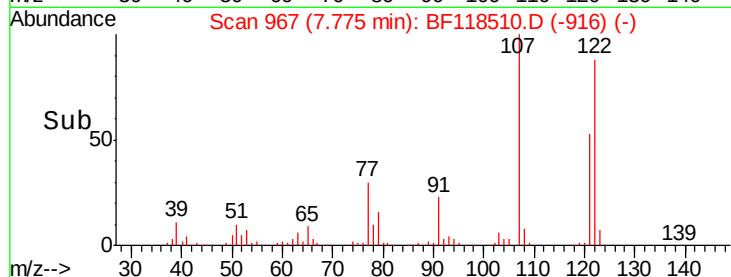
121 59.7 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.843 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

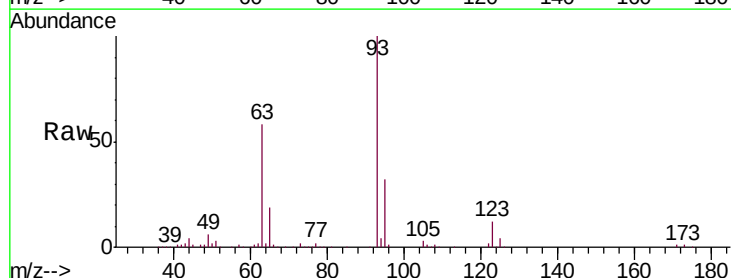
Tgt Ion: 93 Resp: 207970

Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

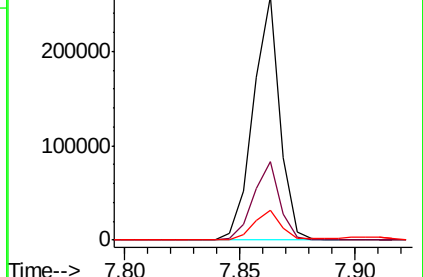
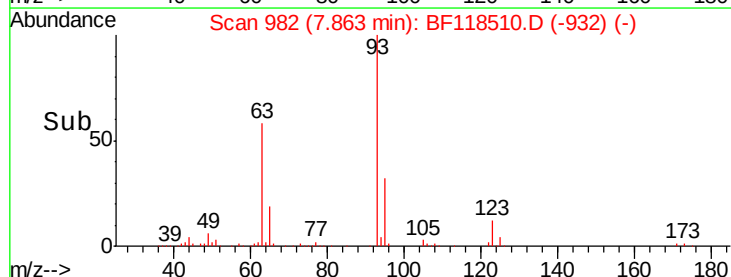
123 12.2 9.7 14.5

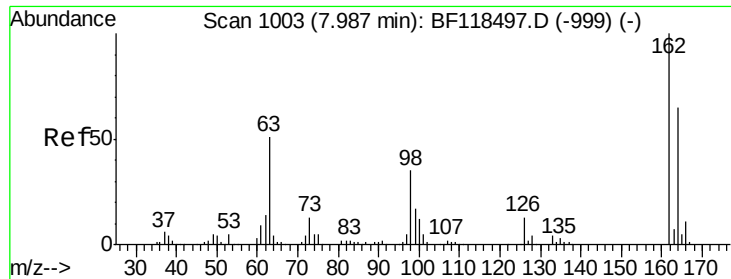


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

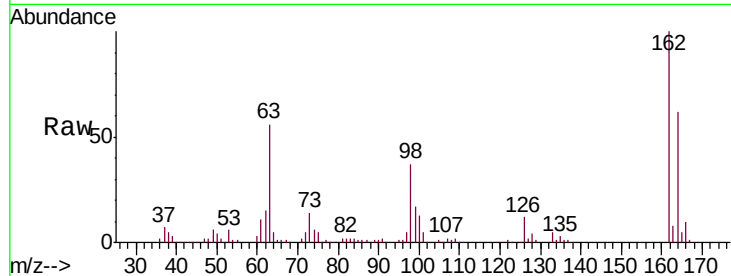




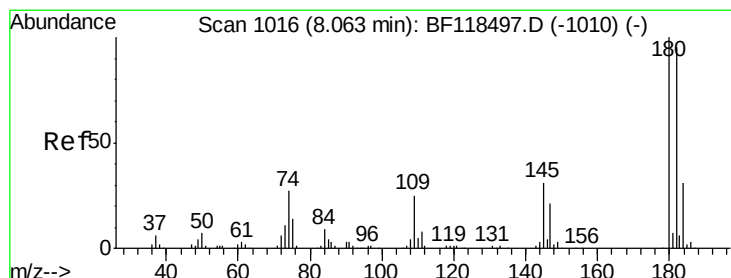
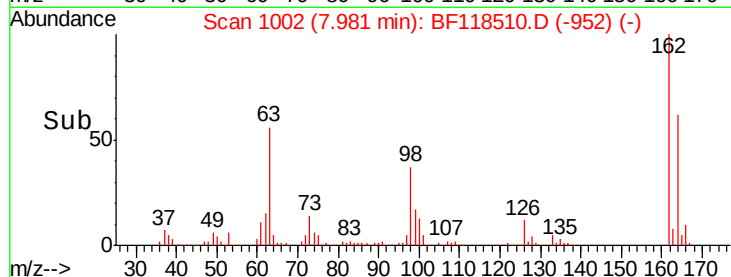
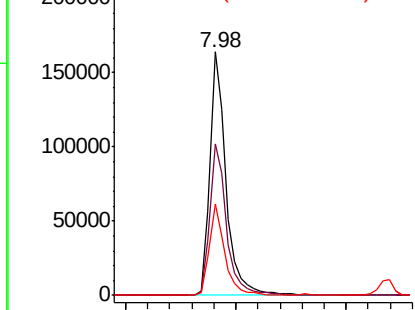
#29
2,4-Dichlorophenol
Concen: 42.378 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:162 Resp: 161904
Ion Ratio Lower Upper
162 100
164 62.1 44.8 84.8
98 37.4 15.1 55.1

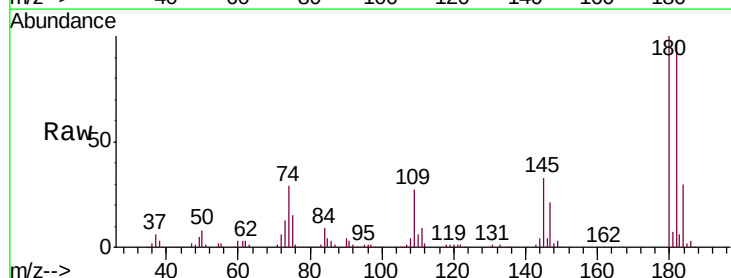


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

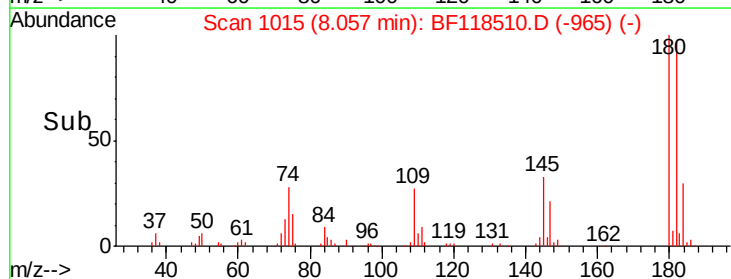
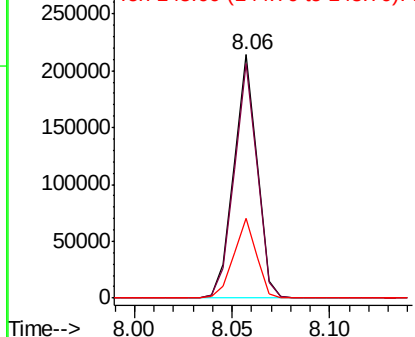


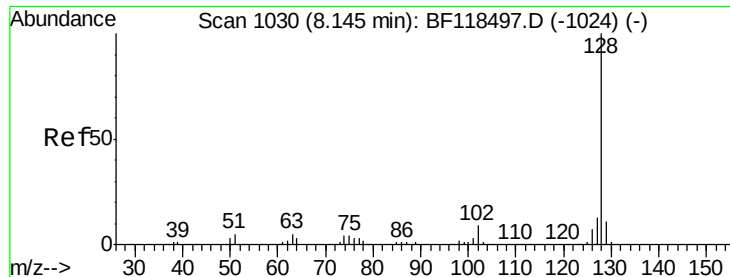
#30
1,2,4-Trichlorobenzene
Concen: 39.810 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:180 Resp: 176649
Ion Ratio Lower Upper
180 100
182 96.5 75.8 113.6
145 32.6 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

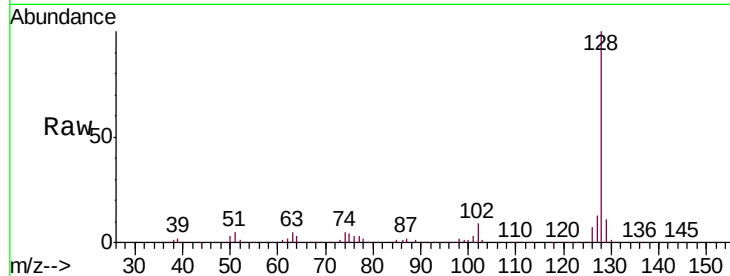




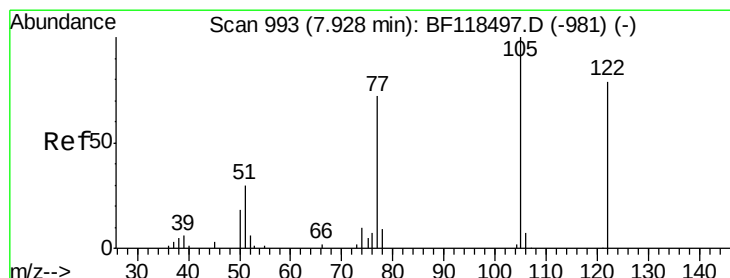
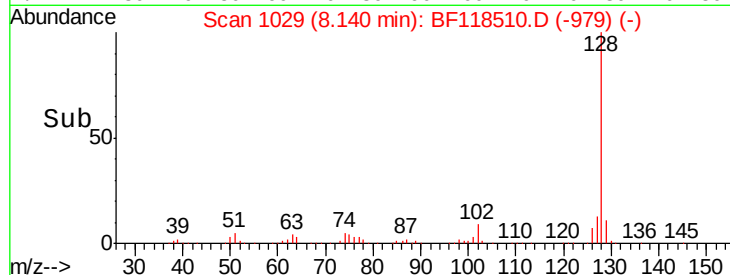
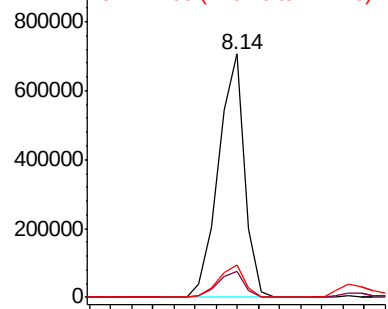
#31
Naphthalene
Concen: 44.460 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:128 Resp: 605463
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.1 10.7 16.1

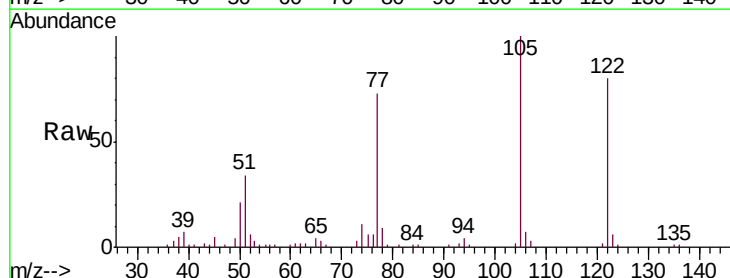


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

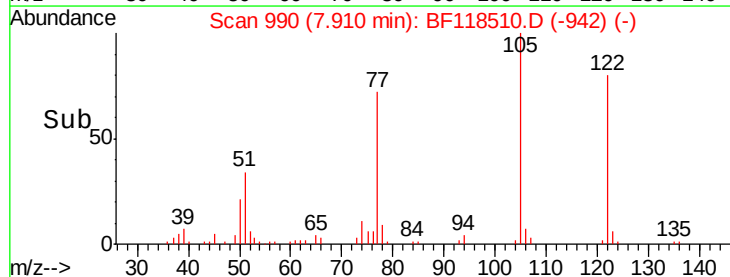
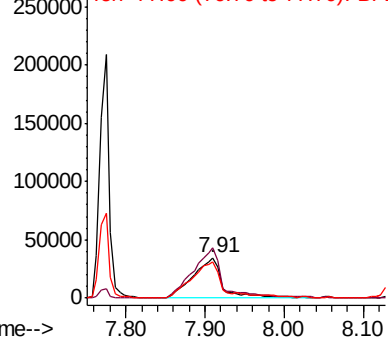


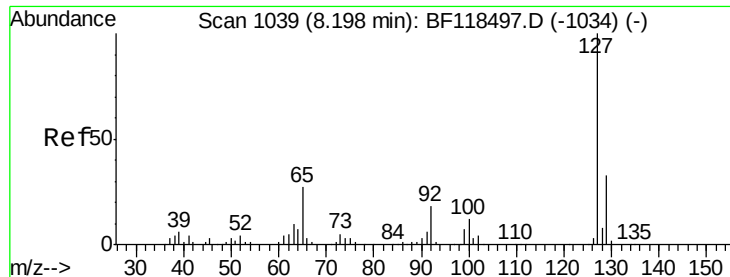
#32
Benzoic acid
Concen: 40.045 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:122 Resp: 87437
Ion Ratio Lower Upper
122 100
105 124.7 105.7 145.7
77 91.3 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

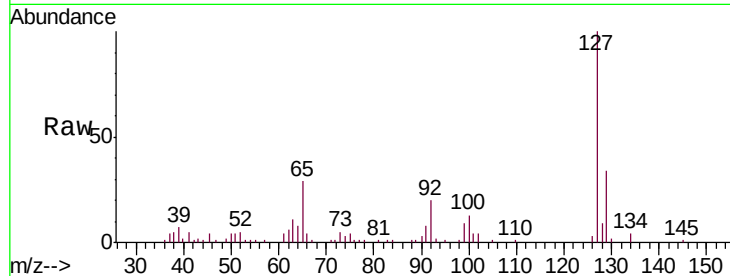




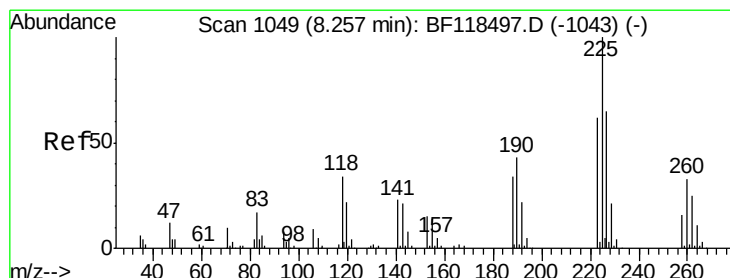
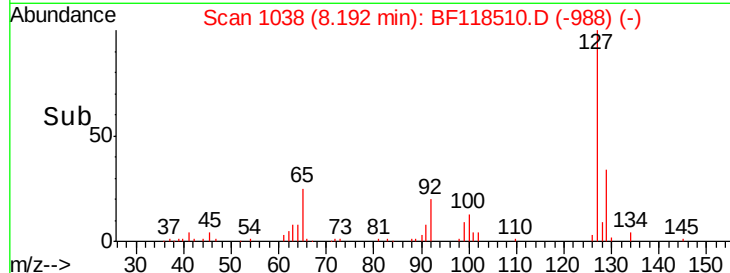
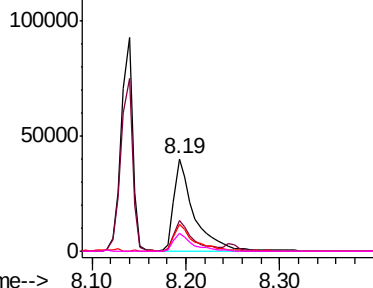
#33
4-Chloroaniline
Concen: 10.892 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:	127	Resp:	61066
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.2	39.4
65	28.8	21.6	32.4
92	19.7	14.3	21.5

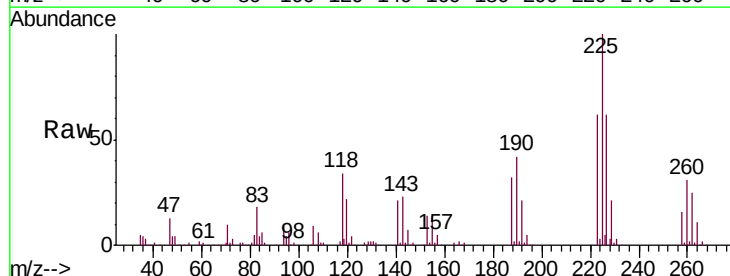


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

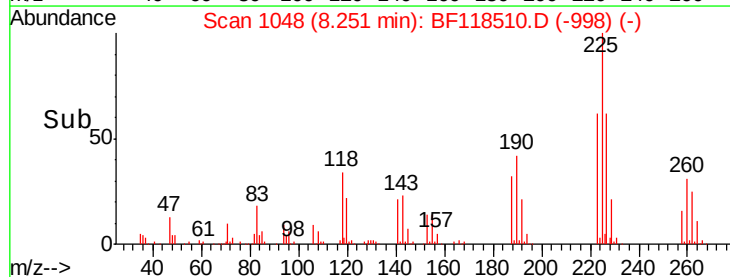
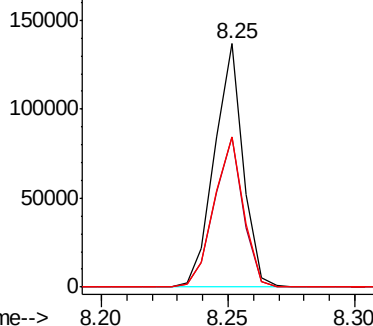


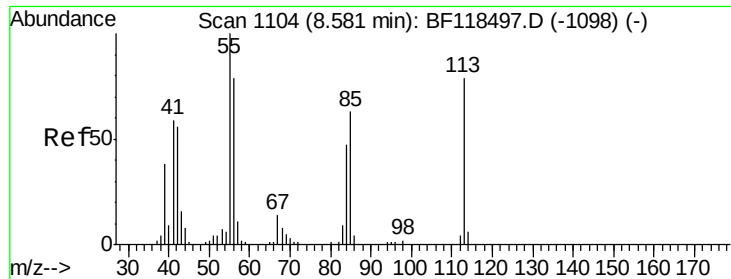
#34
Hexachlorobutadiene
Concen: 39.363 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:	225	Resp:	107217
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.9	74.9
227	61.6	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

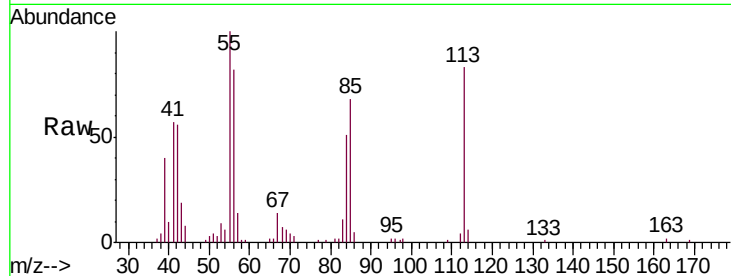




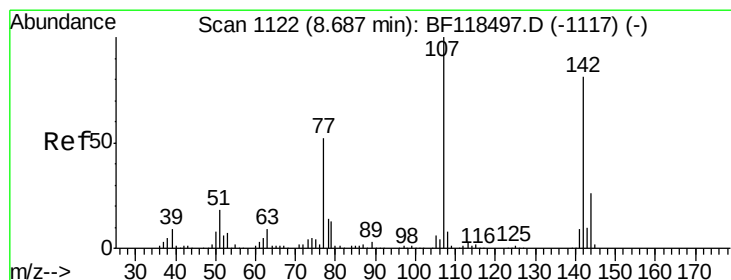
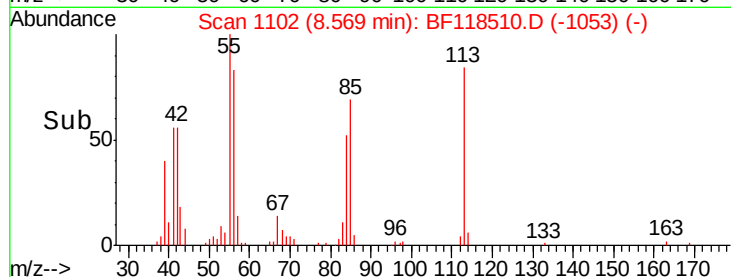
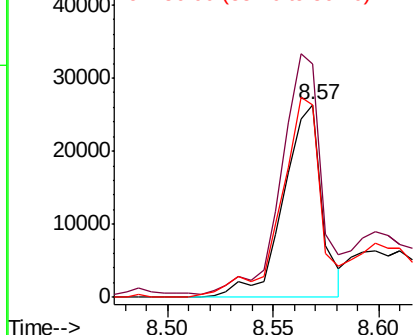
#35
 Caprolactam
 Concen: 29.038 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Tgt Ion:113 Resp: 33418
 Ion Ratio Lower Upper
 113 100
 55 121.1 106.5 146.5
 56 99.7 80.1 120.1

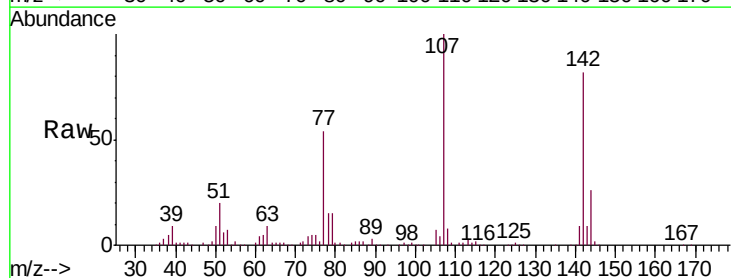


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

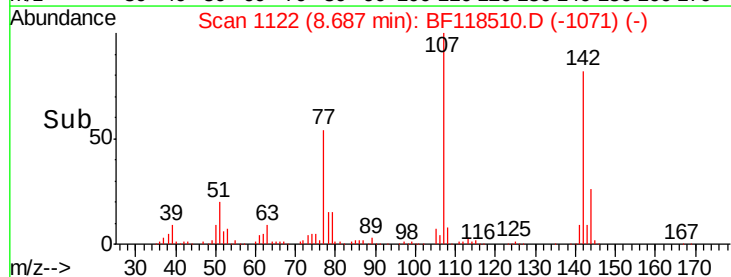
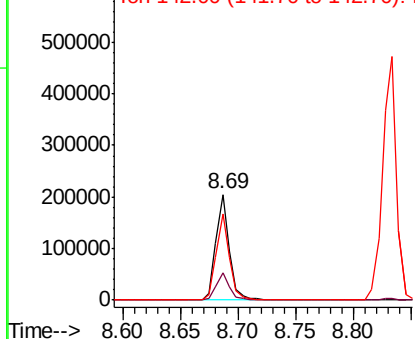


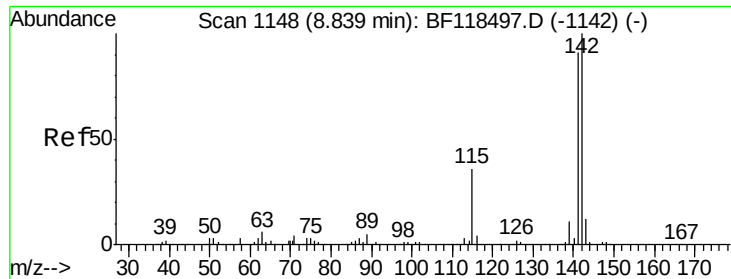
#36
 4-Chloro-3-methylphenol
 Concen: 40.304 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Tgt Ion:107 Resp: 165538
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 31.0
 142 82.0 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

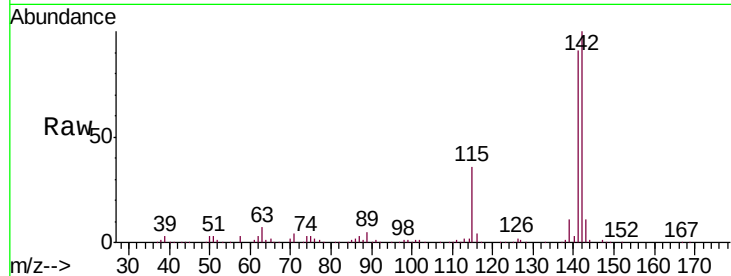




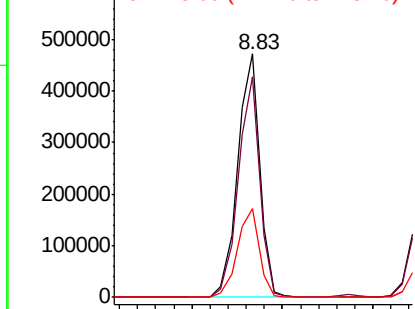
#37
2-Methylnaphthalene
Concen: 42.830 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

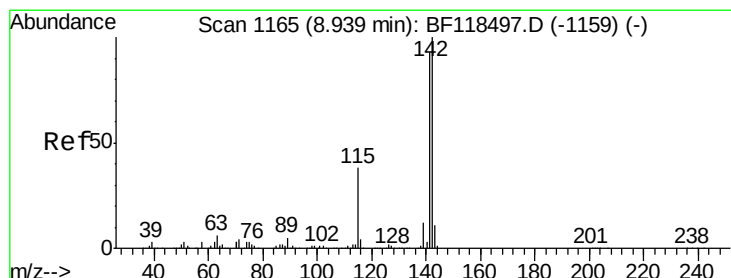
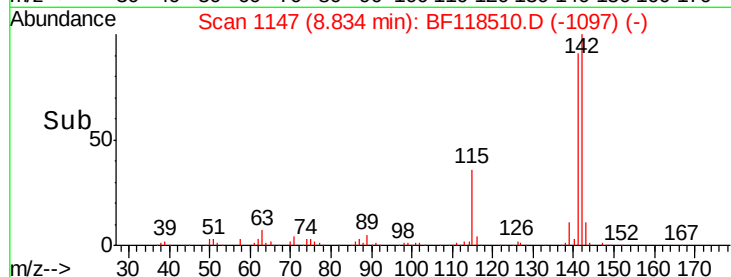
Tgt Ion:142 Resp: 400297
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.6
115 36.5 28.4 42.6



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

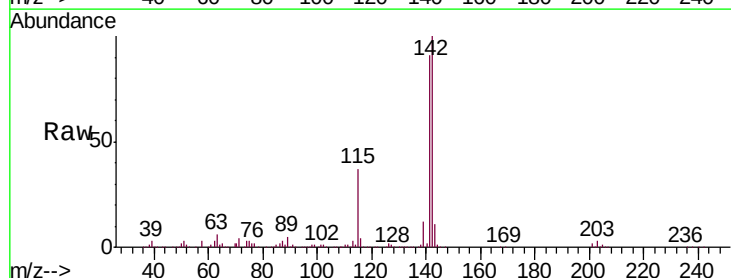


Time-->

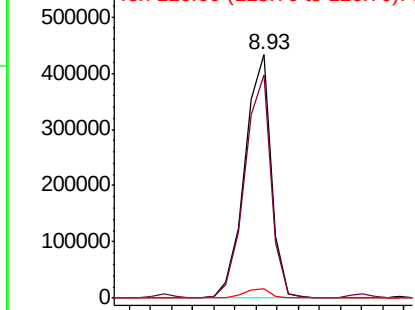


#38
1-Methylnaphthalene
Concen: 42.550 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

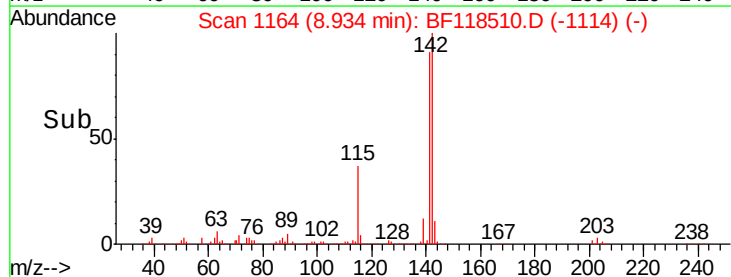
Tgt Ion:142 Resp: 373381
Ion Ratio Lower Upper
142 100
141 91.4 74.3 111.5
116 3.8 3.2 4.8

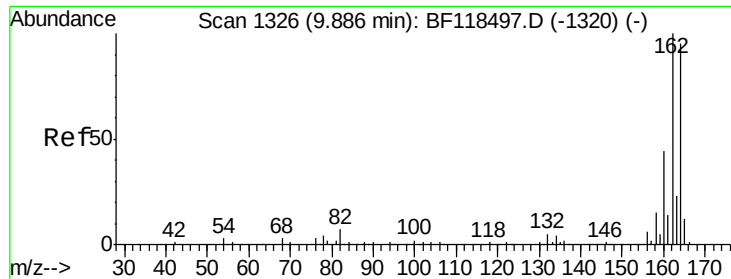


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

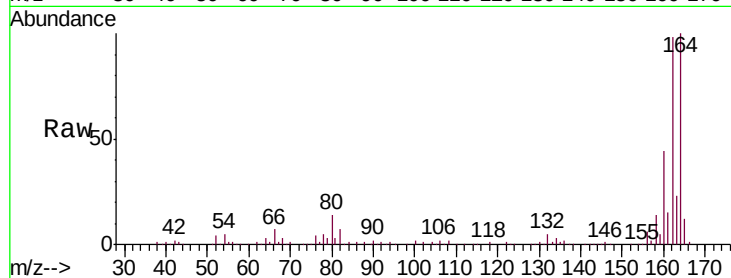
Tgt Ion:164 Resp: 136446

Ion Ratio Lower Upper

164 100

162 97.6 84.2 126.4

160 43.9 36.8 55.2

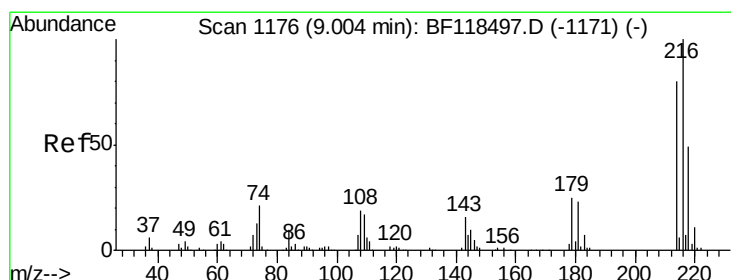
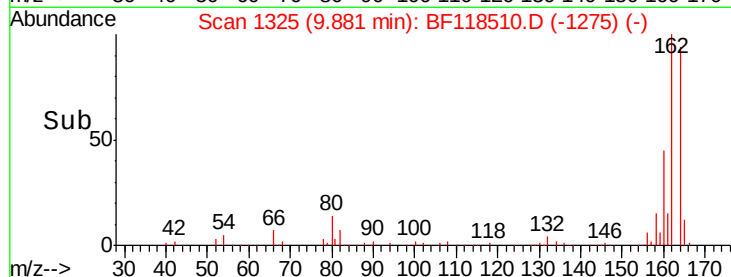
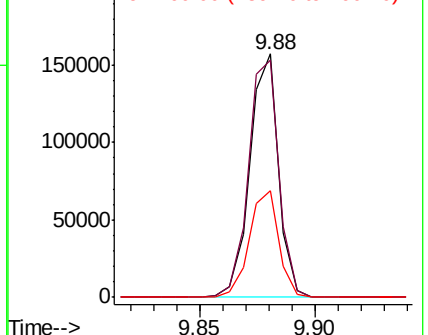


Abundance

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: 39.478 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Tgt Ion:216 Resp: 165508

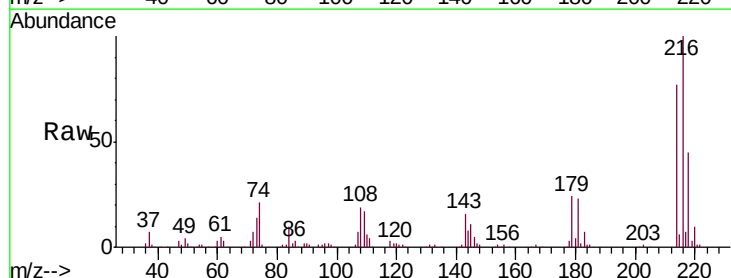
Ion Ratio Lower Upper

216 100

214 78.1 62.4 93.6

179 23.5 18.7 28.1

108 19.6 15.3 22.9



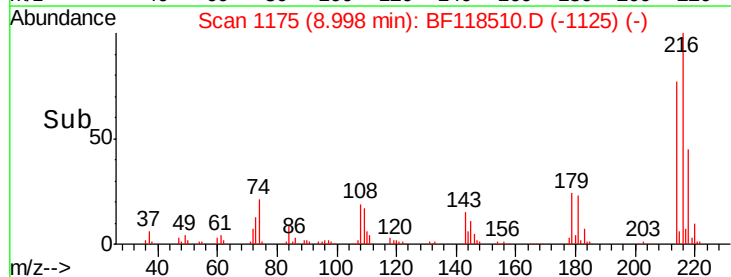
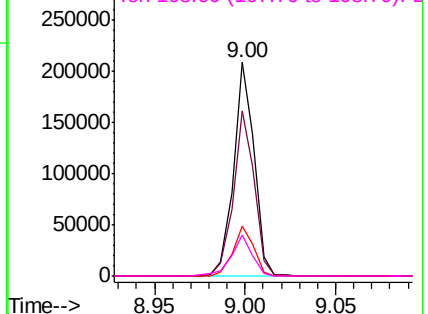
Abundance

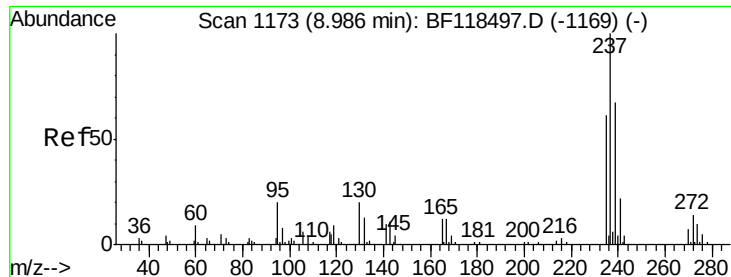
Ion 216.00 (215.70 to 216.70): E

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: 41.086 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

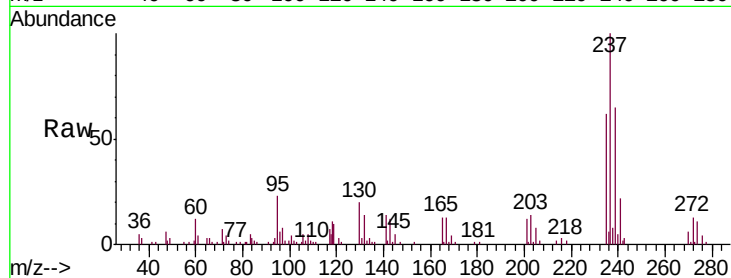
Tgt Ion: 237 Resp: 37783

Ion Ratio Lower Upper

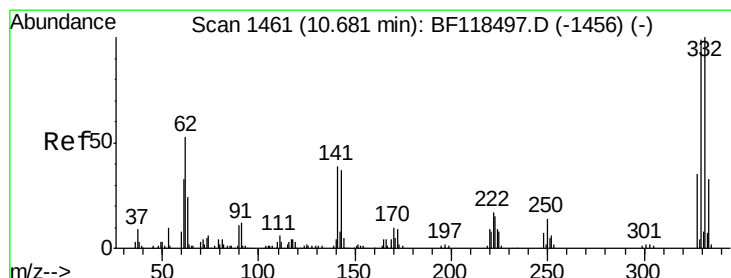
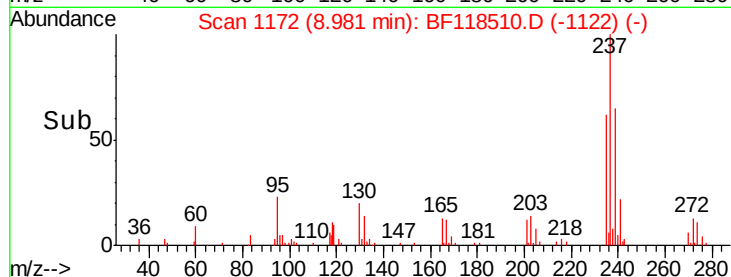
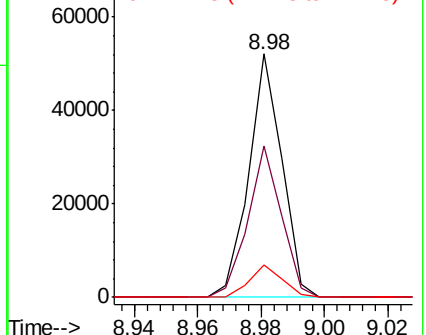
237 100

235 62.0 40.8 80.8

272 13.4 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: 115.476 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

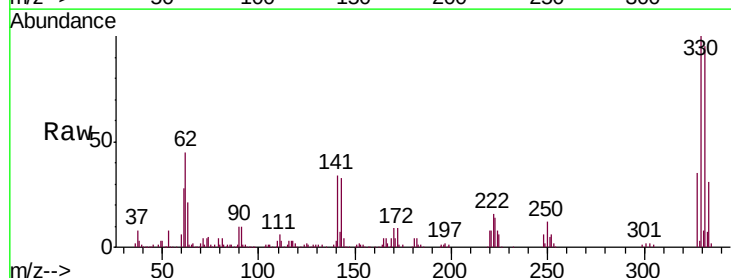
Tgt Ion: 330 Resp: 185920

Ion Ratio Lower Upper

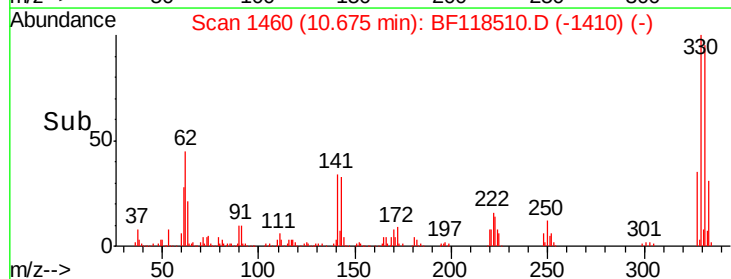
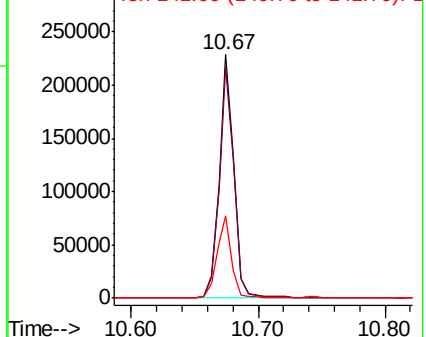
330 100

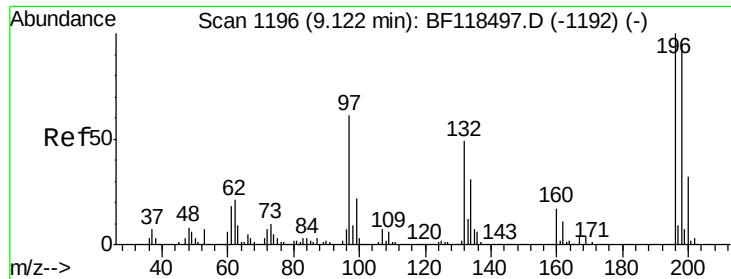
332 96.0 77.9 116.9

141 34.5 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

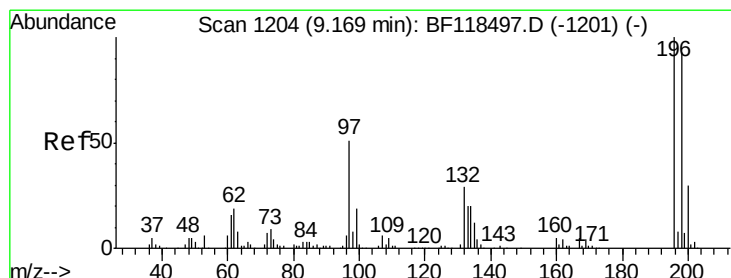
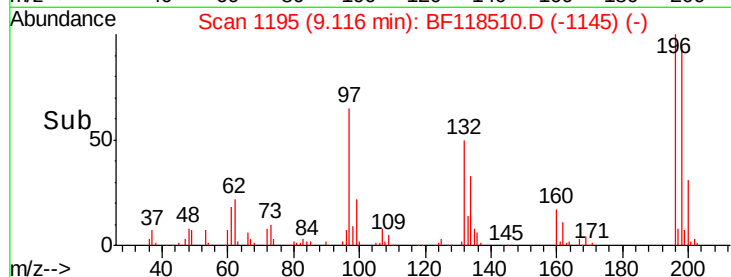
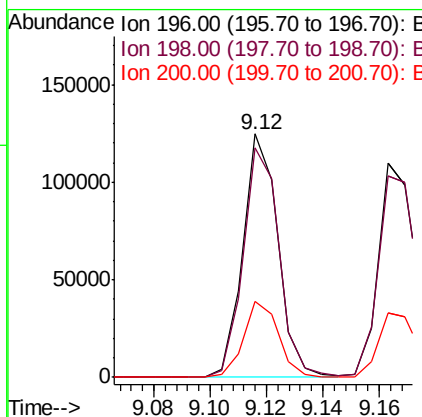
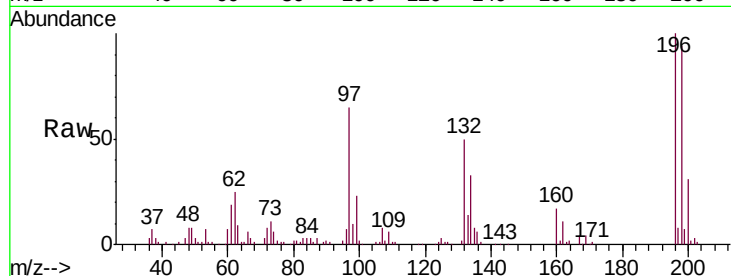




#43
 2,4,6-Trichlorophenol
 Concen: 41.554 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

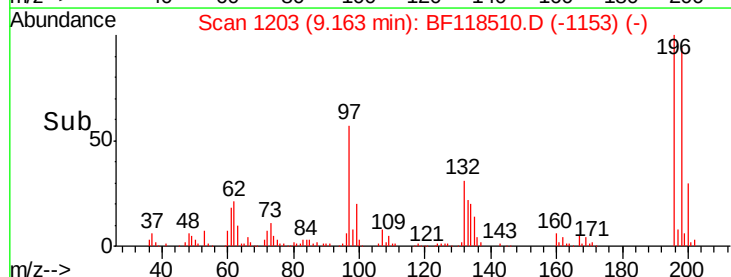
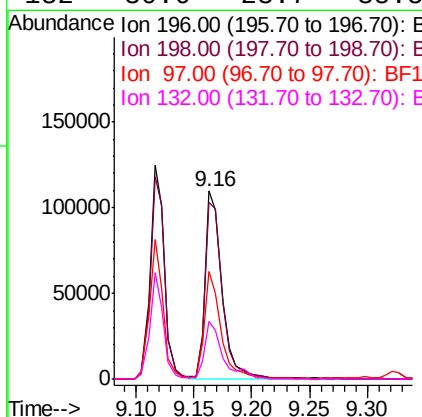
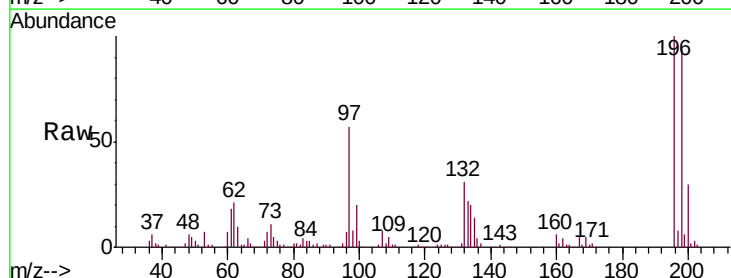
Instrument :
 BNA_F
 ClientSampled :
 TP-4MS

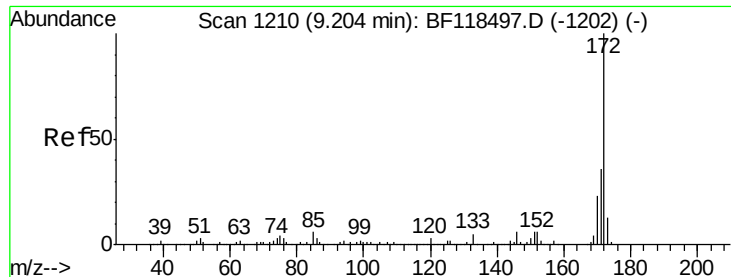
Tgt Ion:196 Resp: 107652
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.2 114.4
 200 31.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 42.439 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Tgt Ion:196 Resp: 113772
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.7 112.1
 97 56.9 40.7 61.1
 132 30.6 23.7 35.5

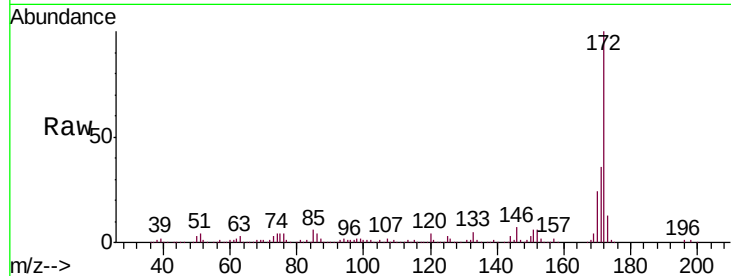




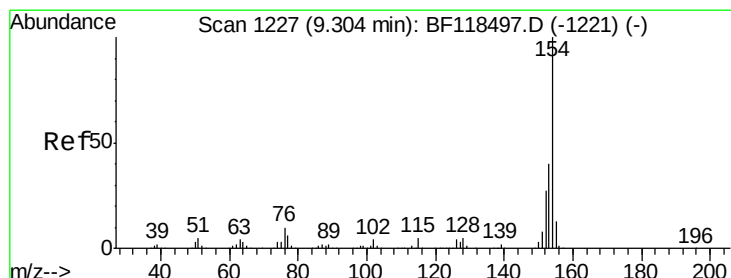
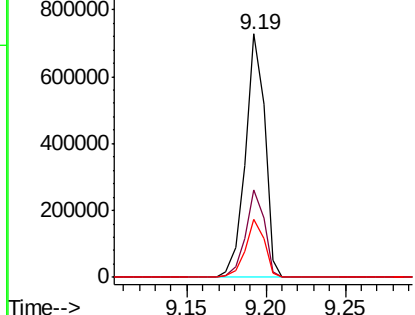
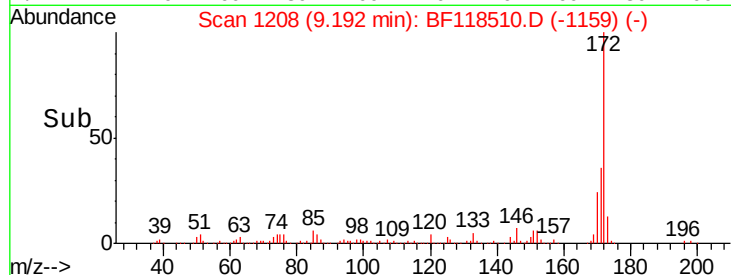
#45
 2-Fluorobiphenyl
 Concen: 64.672 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Tgt Ion:172 Resp: 615274
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.6 18.6 27.8

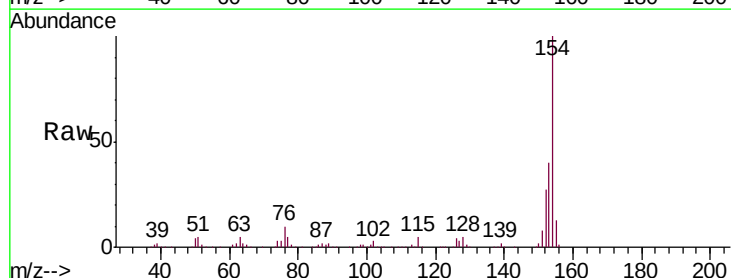


Abundance Ion 172.00 (171.70 to 172.70): E
 1000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

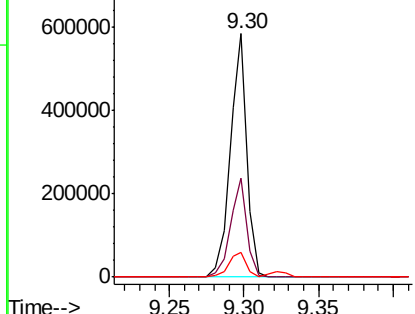
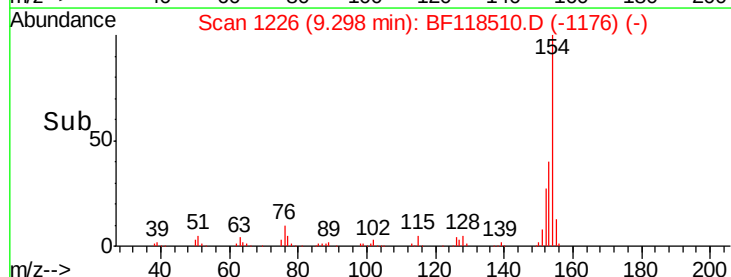


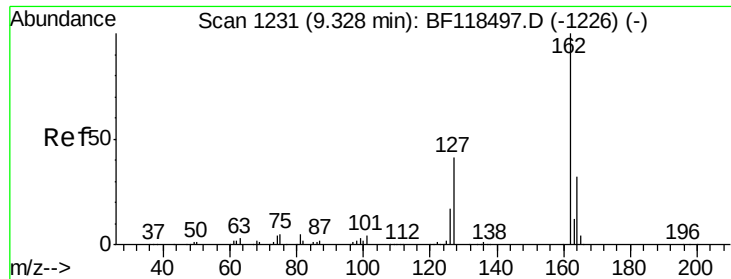
#46
 1,1'-Biphenyl
 Concen: 41.174 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Tgt Ion:154 Resp: 459039
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.2 60.2
 76 10.3 0.0 30.4



Abundance Ion 154.00 (153.70 to 154.70): E
 800000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

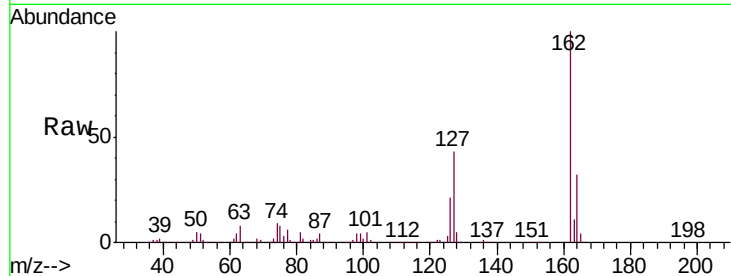




#47
2-Chloronaphthalene
Concen: 39.440 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.5	35.5	53.3
164	32.1	25.8	38.8

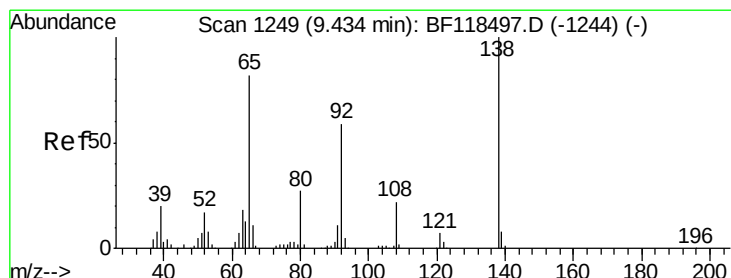
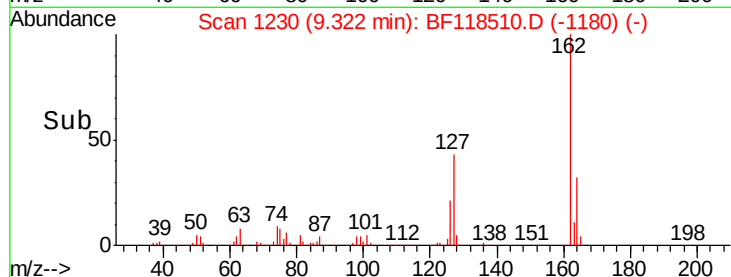
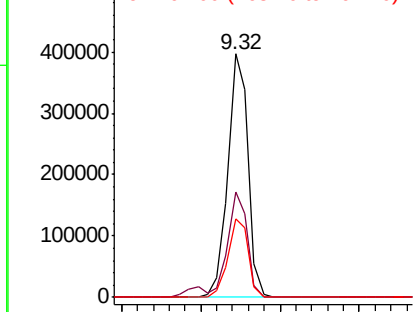


Abundance

Ion 162.00 (161.70 to 162.70): E

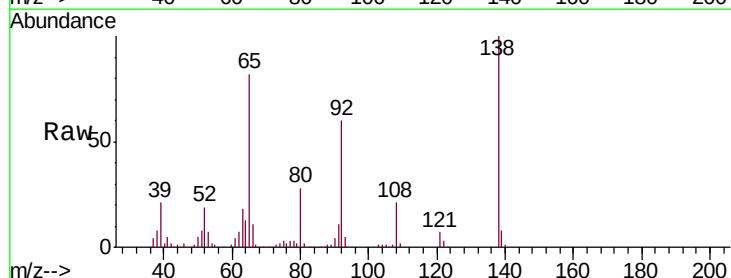
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.629 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.7	86.5
138	122.0	97.2	145.8

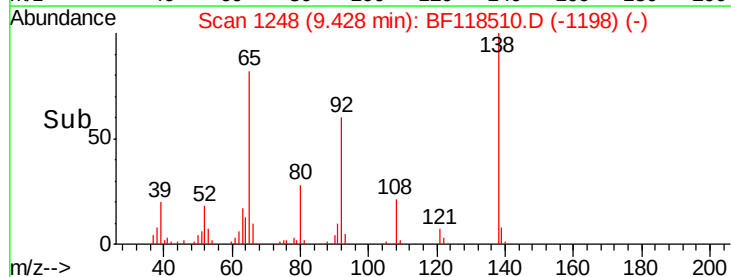
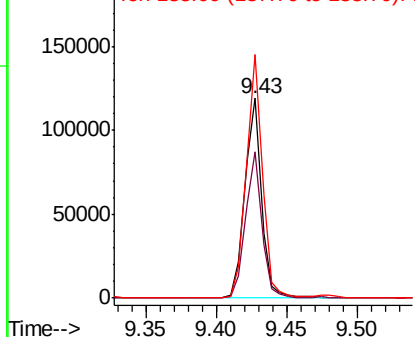


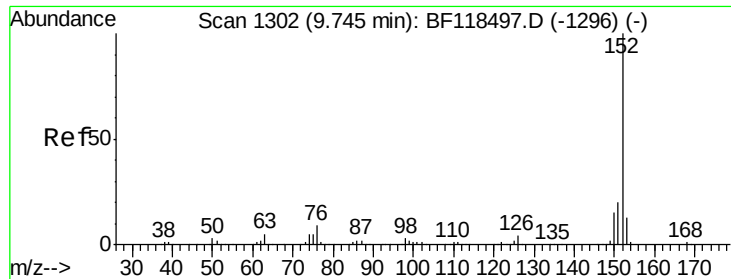
Abundance

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: 42.852 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

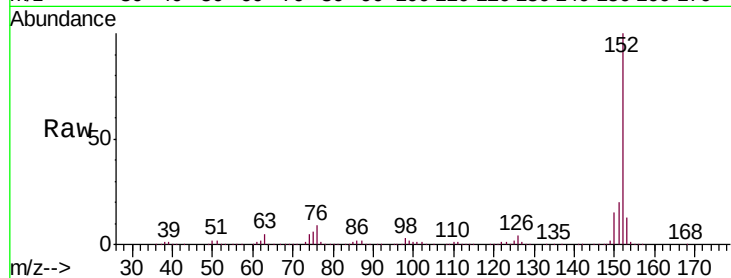
Tgt Ion:152 Resp: 562850

Ion Ratio Lower Upper

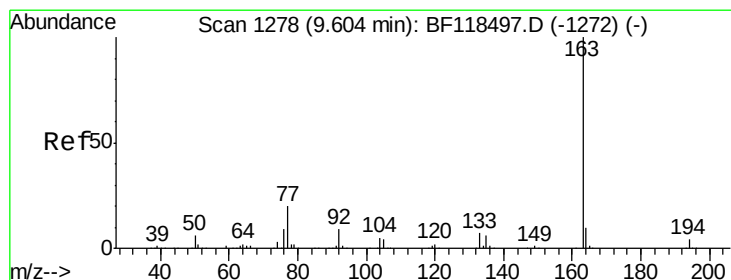
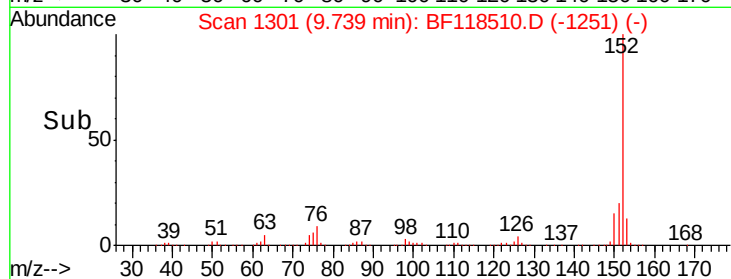
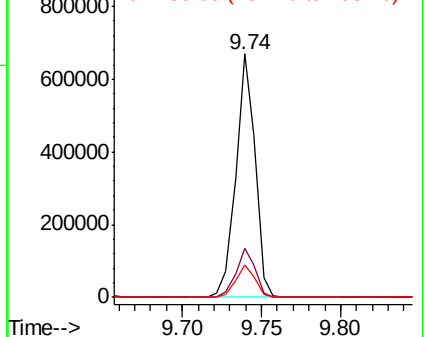
152 100

151 20.4 16.3 24.5

153 13.2 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: 44.292 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

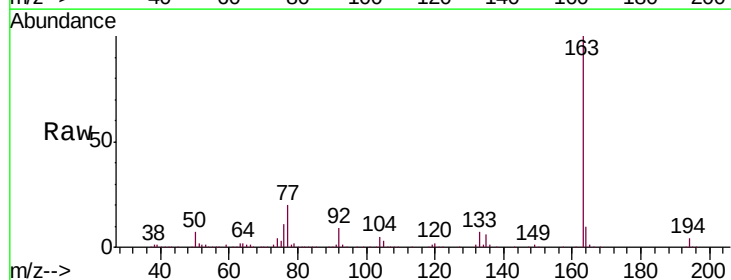
Tgt Ion:163 Resp: 463841

Ion Ratio Lower Upper

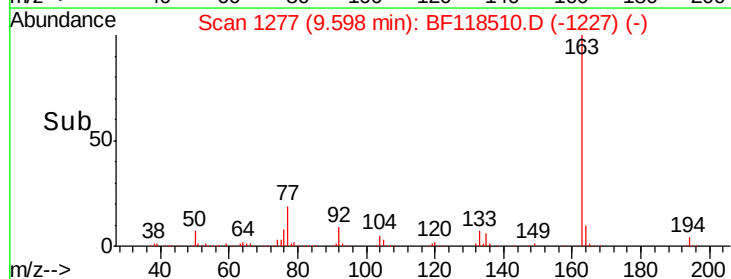
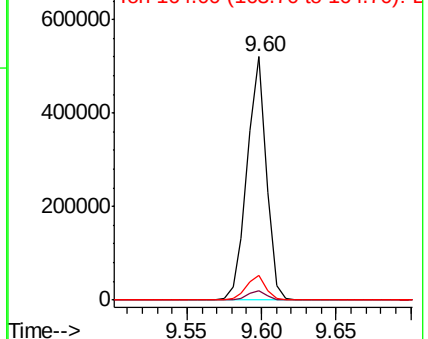
163 100

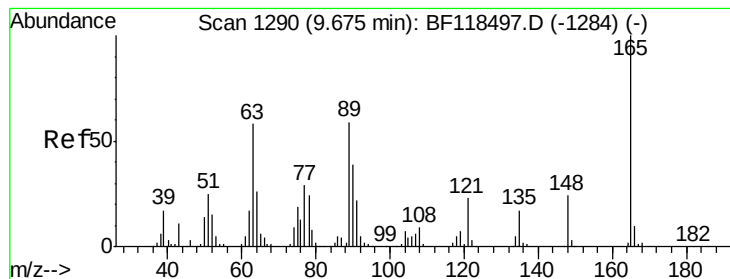
194 3.9 3.0 4.6

164 10.0 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: 41.144 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

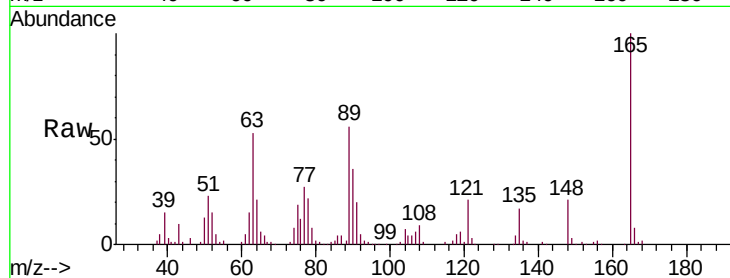
Tgt Ion:165 Resp: 92790

Ion Ratio Lower Upper

165 100

63 52.6 46.6 70.0

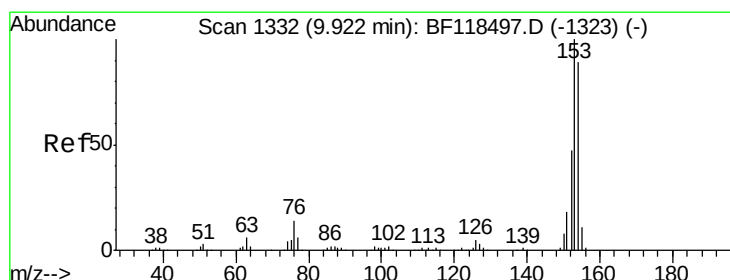
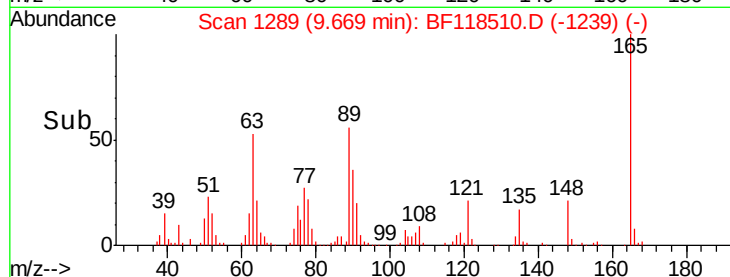
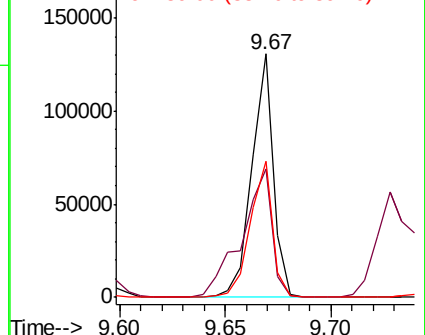
89 56.0 47.5 71.3



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: 44.754 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

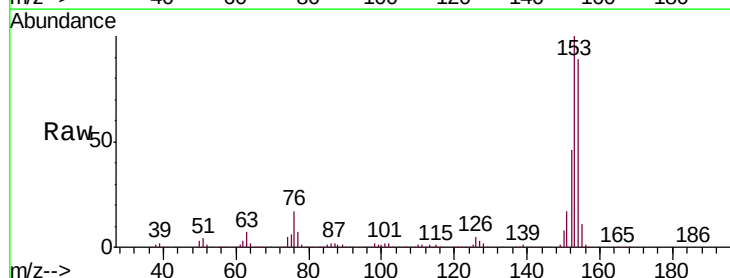
Tgt Ion:154 Resp: 358967

Ion Ratio Lower Upper

154 100

153 112.8 89.7 134.5

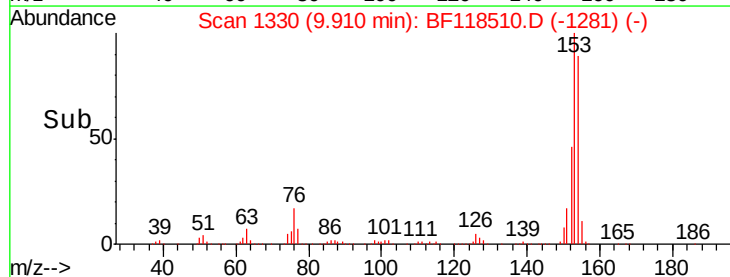
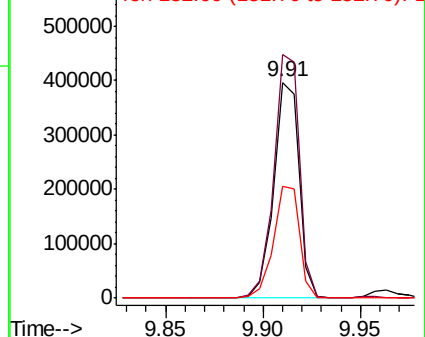
152 52.0 41.9 62.9

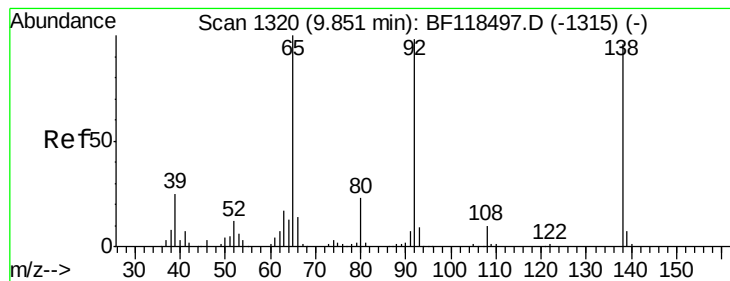


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.588 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

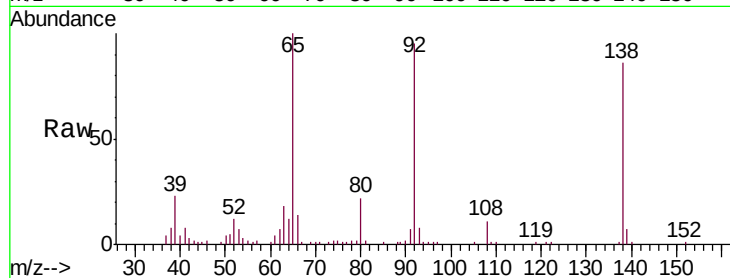
Tgt Ion:138 Resp: 46463

Ion Ratio Lower Upper

138 100

108 12.3 8.1 12.1#

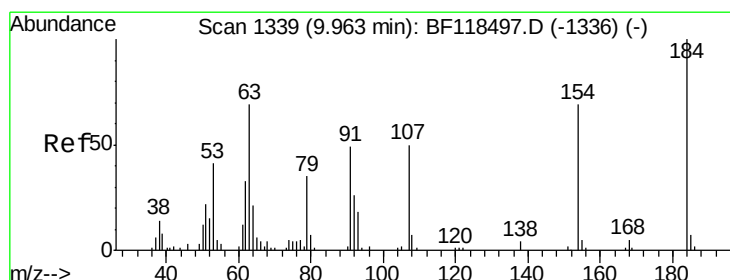
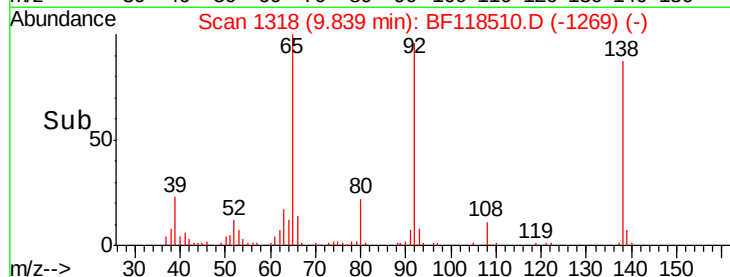
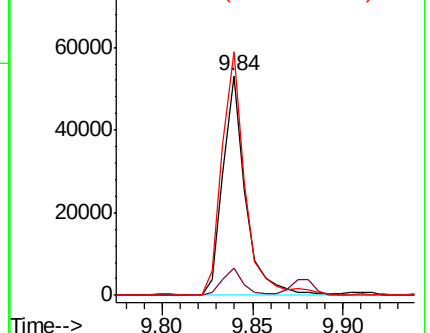
92 110.8 81.6 122.4



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: 28.209 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

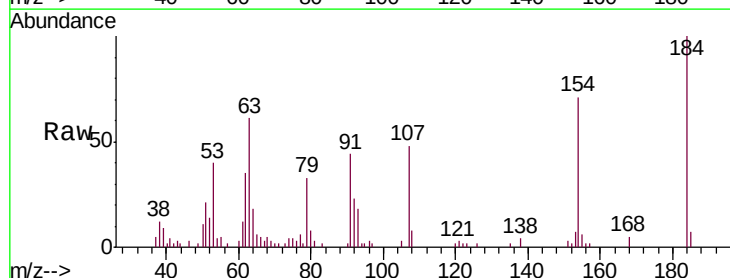
Tgt Ion:184 Resp: 24450

Ion Ratio Lower Upper

184 100

63 61.0 55.3 82.9

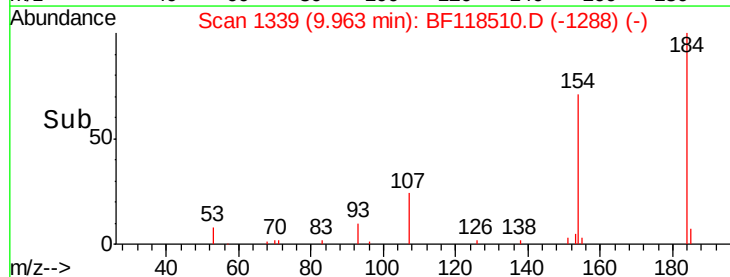
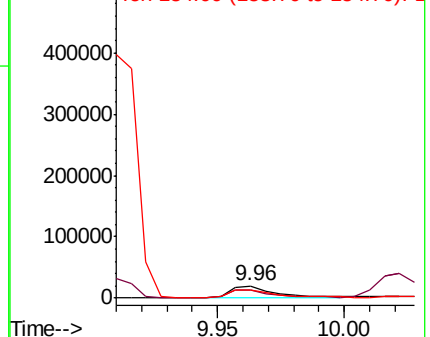
154 71.0 55.0 82.4

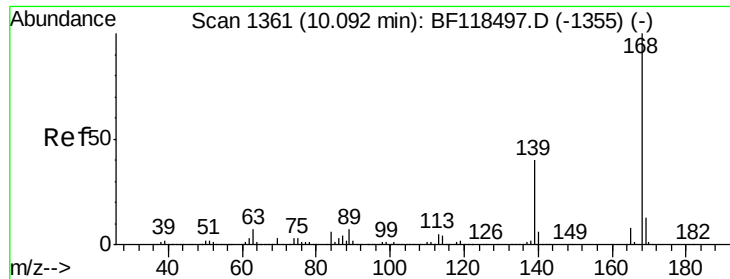


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

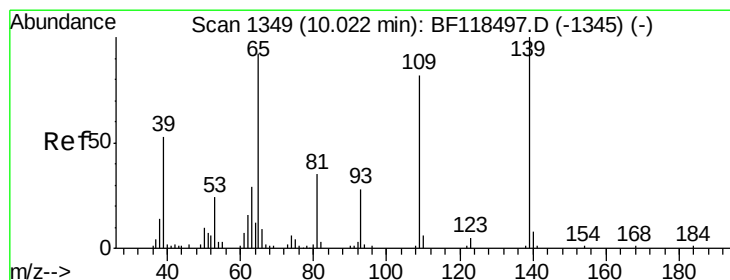
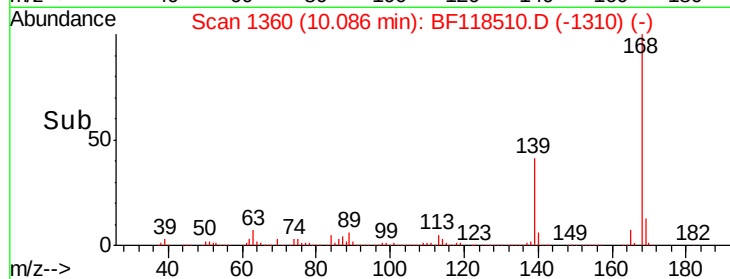
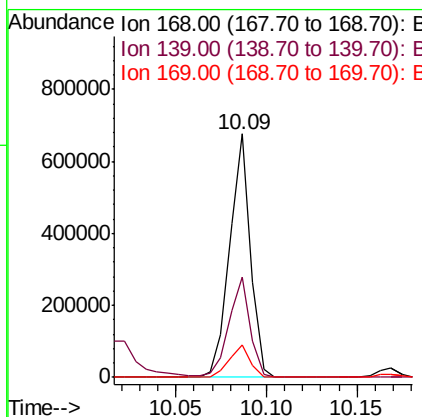
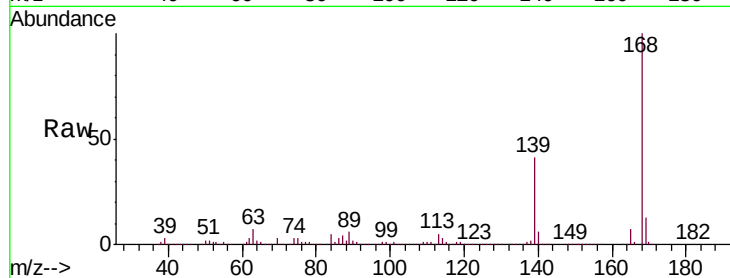




#55
Dibenzenofuran
Concen: 44.892 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

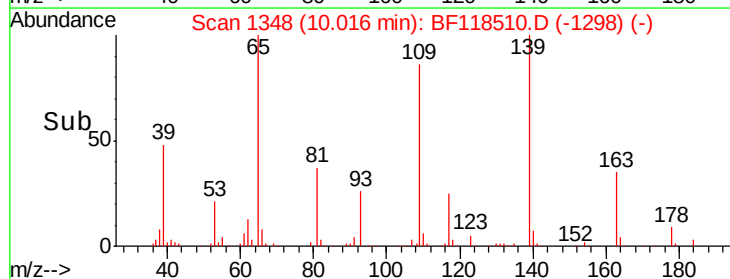
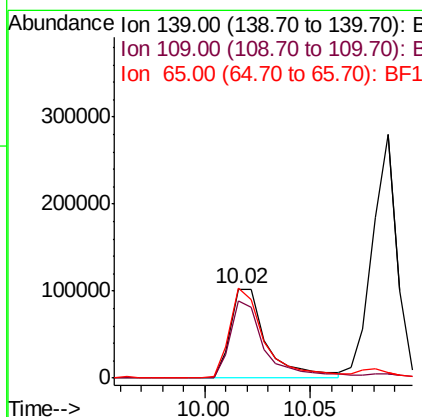
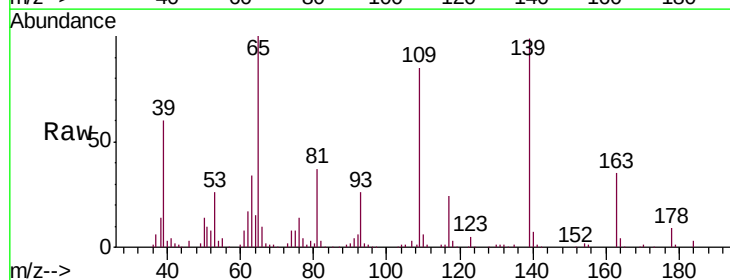
Instrument :
BNA_F
ClientSampleId :
TP-4MS

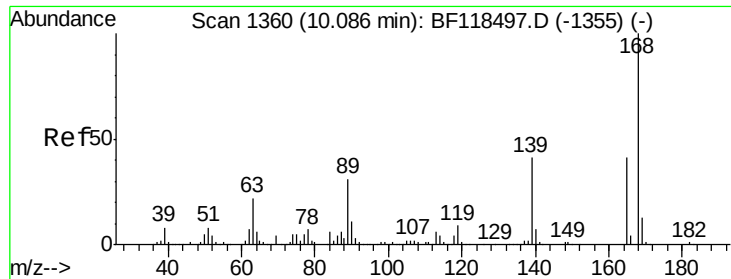
Tgt Ion:168 Resp: 540821
Ion Ratio Lower Upper
168 100
139 41.4 32.5 48.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 95.140 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:139 Resp: 122034
Ion Ratio Lower Upper
139 100
109 86.3 62.2 102.2
65 101.3 72.8 112.8

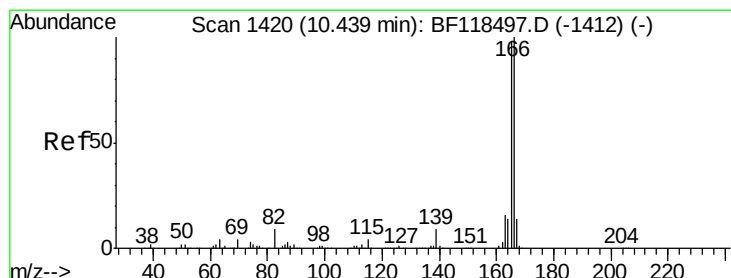
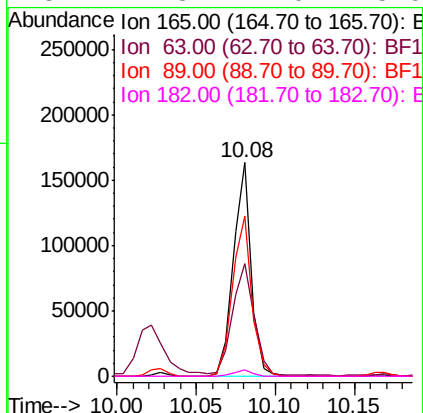
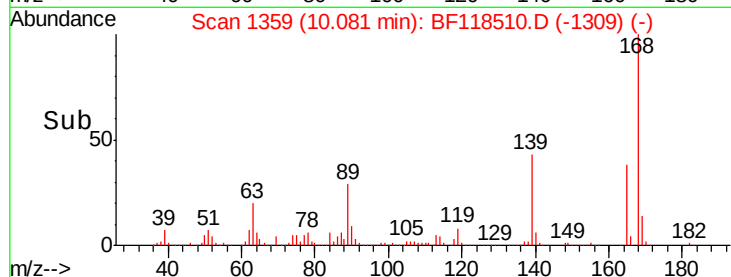
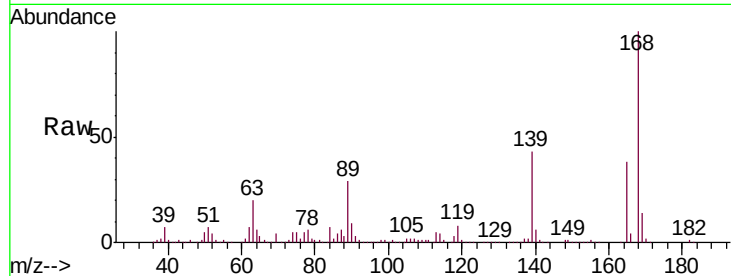




#57
2,4-Dinitrotoluene
Concen: 42.170 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

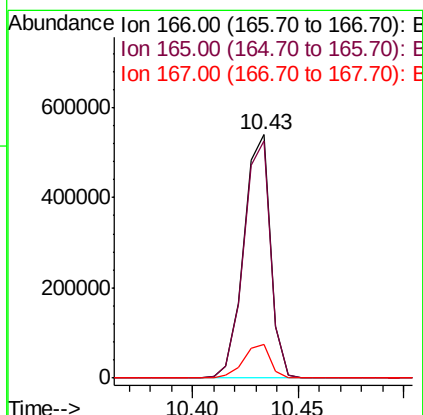
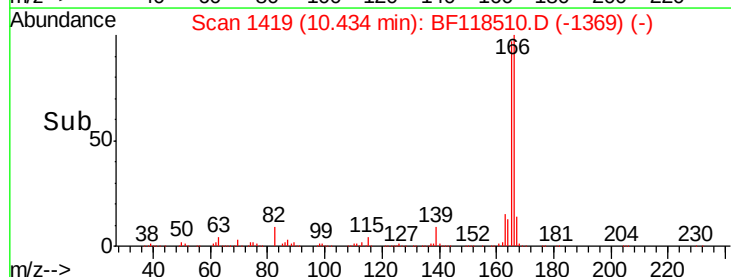
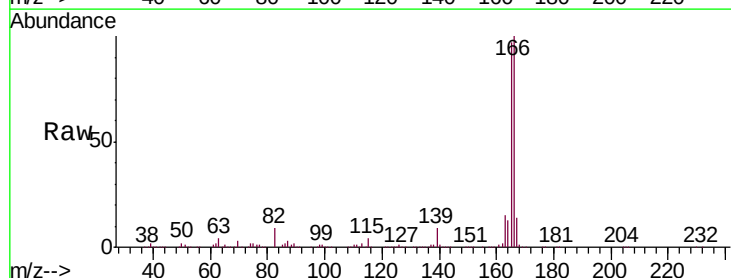
Instrument :
BNA_F
ClientSampleId :
TP-4MS

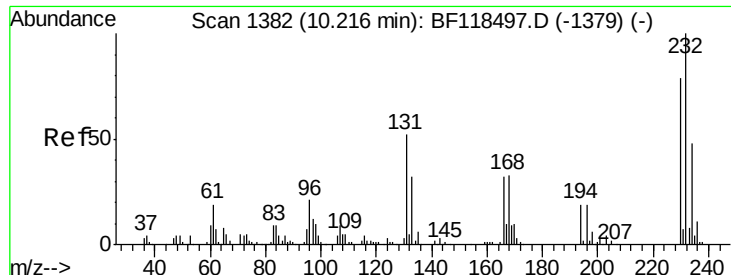
Tgt Ion:165 Resp: 127341
Ion Ratio Lower Upper
165 100
63 53.0 44.1 66.1
89 75.0 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 48.997 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:166 Resp: 474459
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.9 10.8 16.2

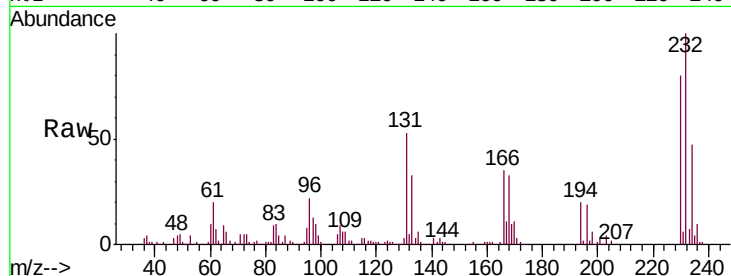




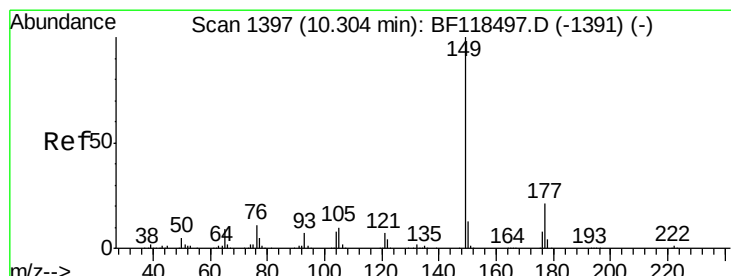
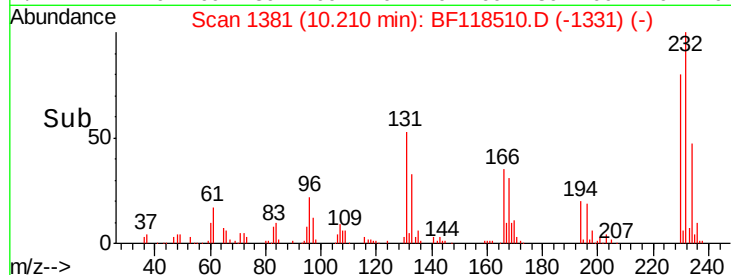
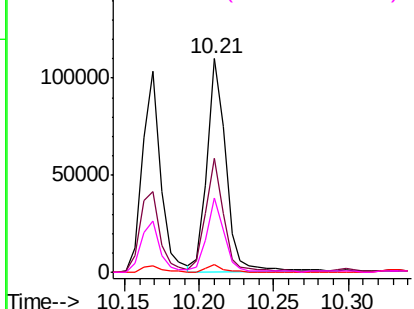
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.095 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Tgt Ion: 232 Resp: 95434
 Ion Ratio Lower Upper
 232 100
 131 51.6 42.2 63.4
 130 3.2 2.1 3.1#
 166 32.5 25.7 38.5

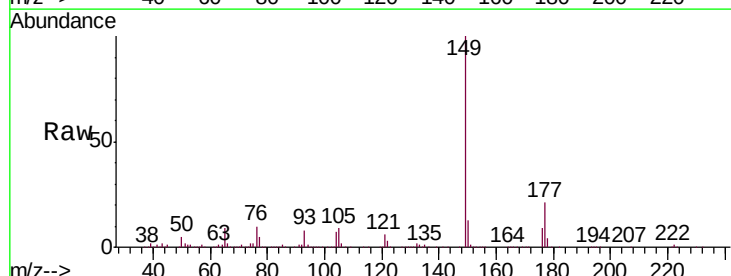


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

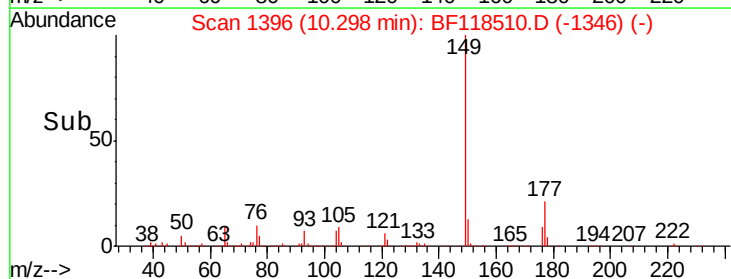
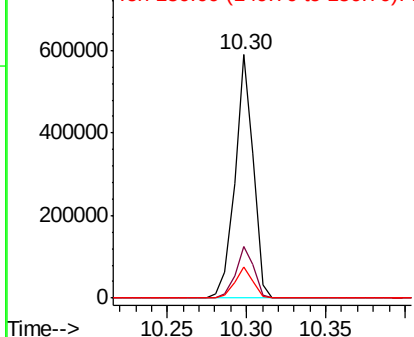


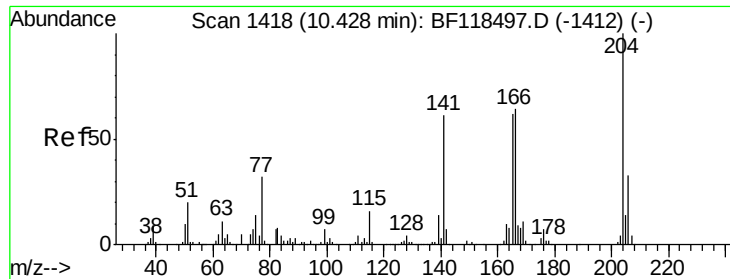
#60
 Diethylphthalate
 Concen: 43.976 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Tgt Ion: 149 Resp: 468807
 Ion Ratio Lower Upper
 149 100
 177 21.2 16.5 24.7
 150 12.8 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

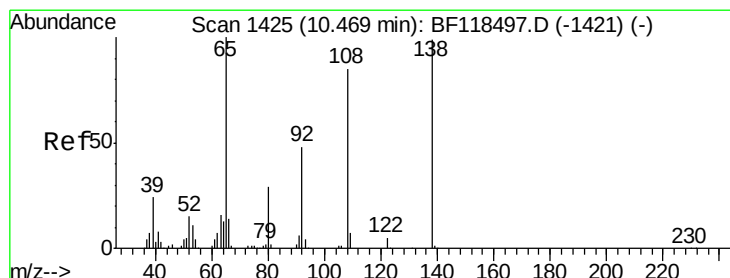
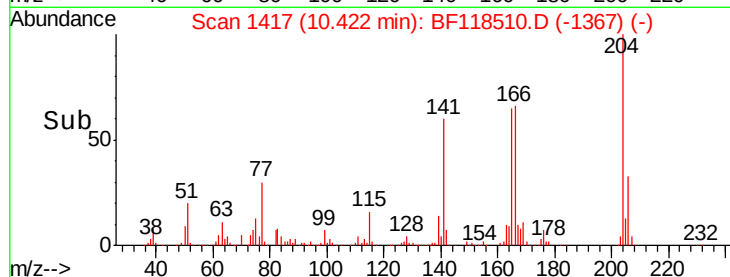
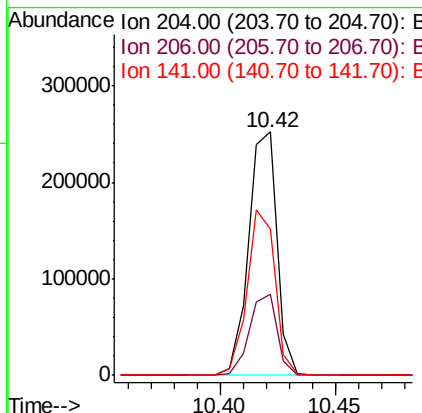
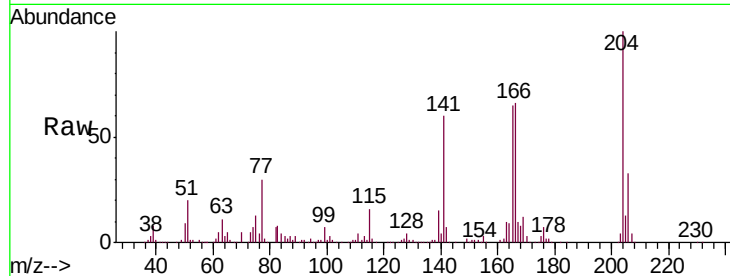




#61
 4-Chlorophenyl-phenylether
 Concen: 44.970 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

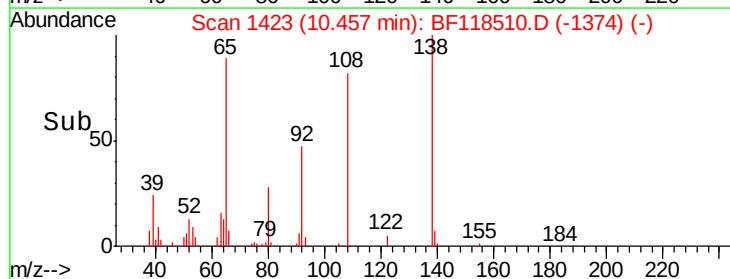
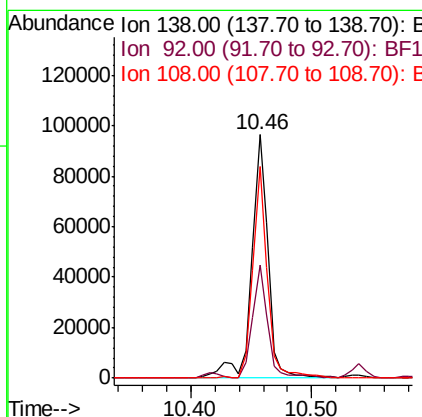
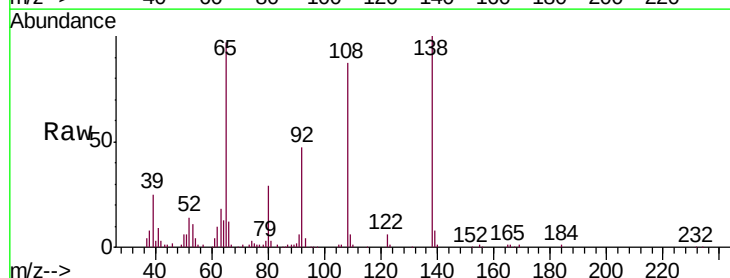
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

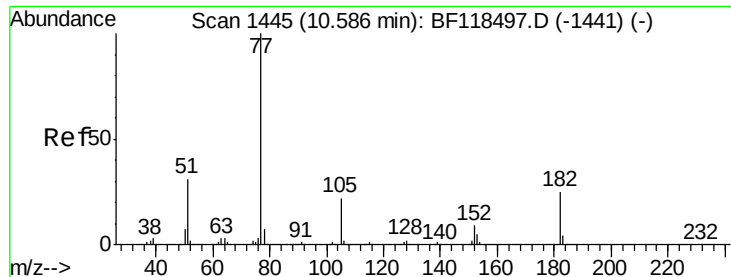
Tgt Ion:204 Resp: 217580
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.0 39.0
 141 60.0 49.0 73.6



#62
 4-Nitroaniline
 Concen: 35.695 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Tgt Ion:138 Resp: 92330
 Ion Ratio Lower Upper
 138 100
 92 46.5 27.9 67.9
 108 86.7 64.7 104.7





#63

Azobenzene

Concen: 44.912 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 77 Resp: 406878

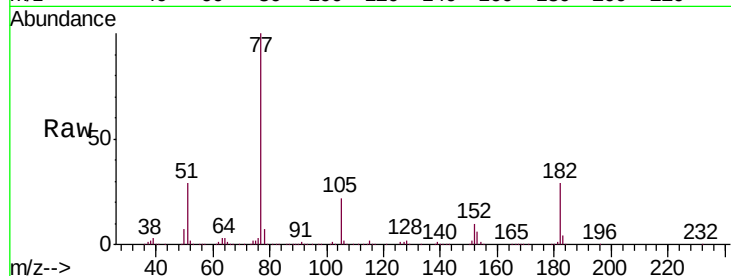
Ion Ratio Lower Upper

77 100

182 29.0 5.2 45.2

105 22.3 1.7 41.7

51 29.0 11.2 51.2

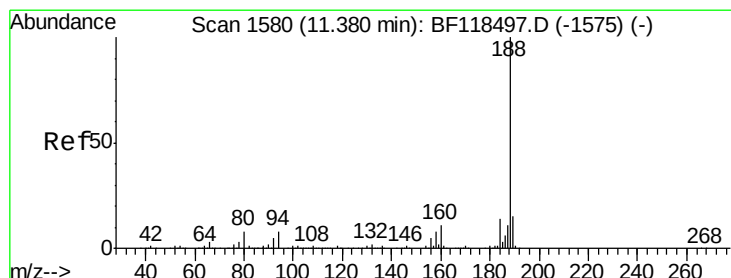
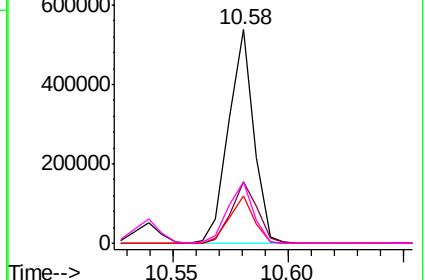
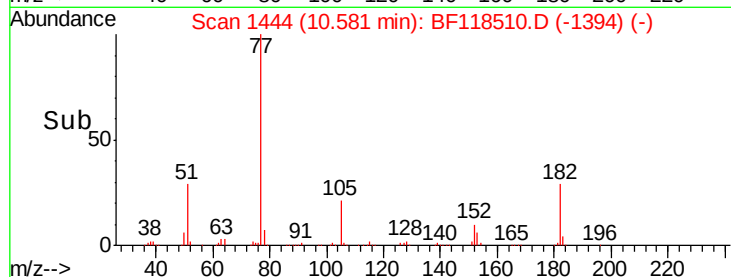


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

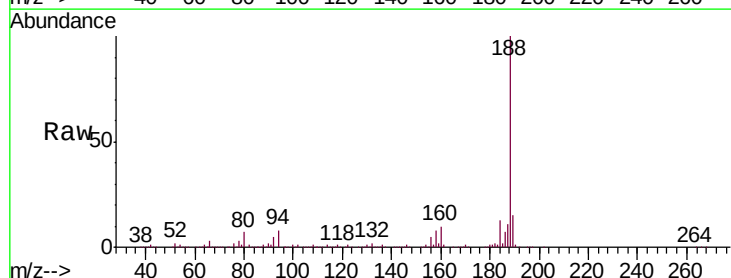
Tgt Ion: 188 Resp: 237304

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

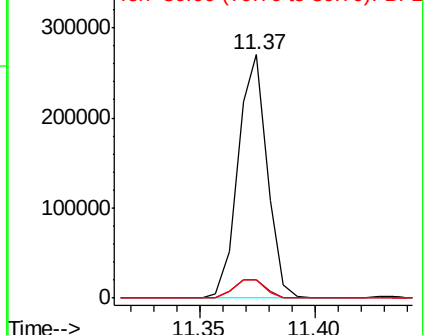
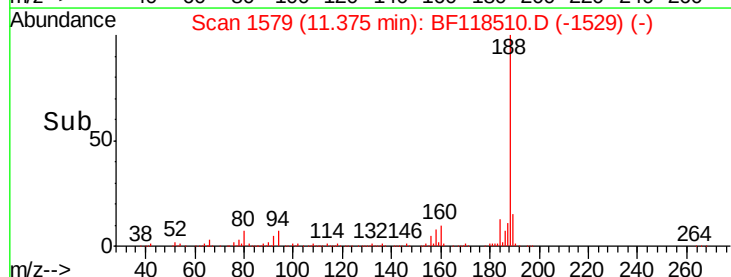
80 7.5 6.6 10.0

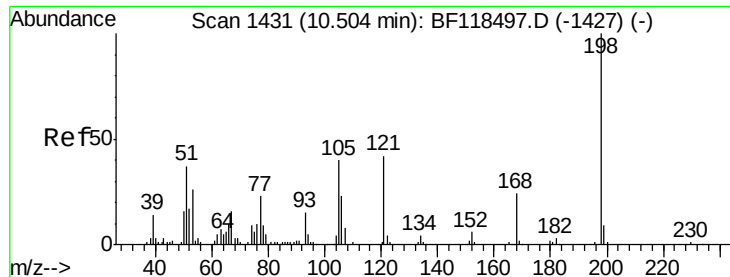


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

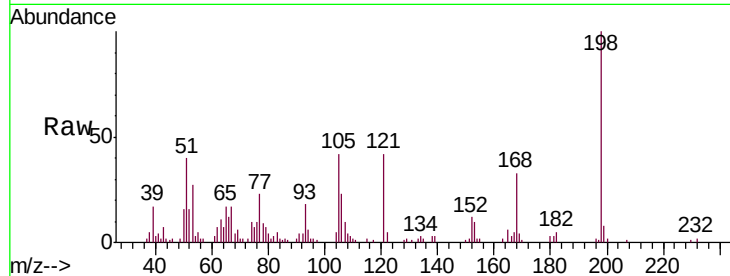




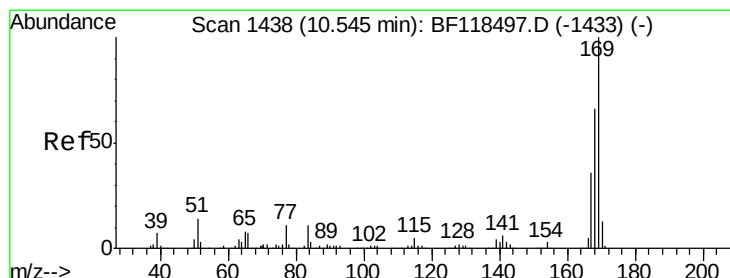
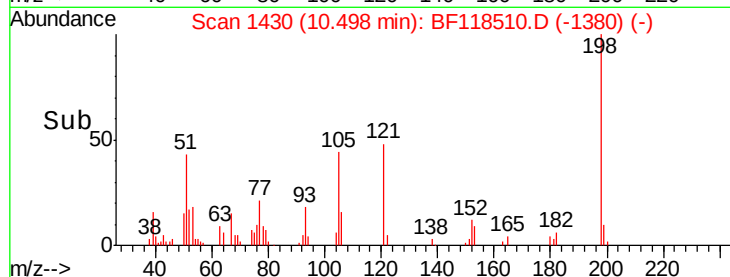
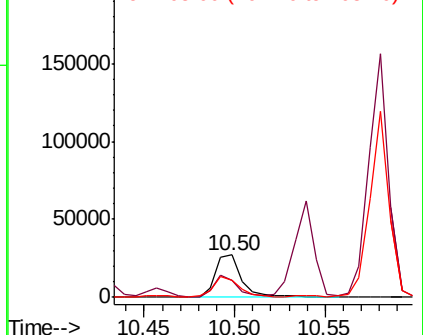
#65
4,6-Dinitro-2-methylphenol
Concen: 22.095 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:198 Resp: 27718
Ion Ratio Lower Upper
198 100
51 39.6 17.8 57.8
105 41.5 20.1 60.1

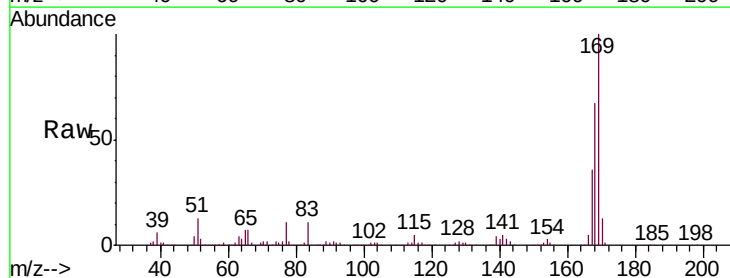


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

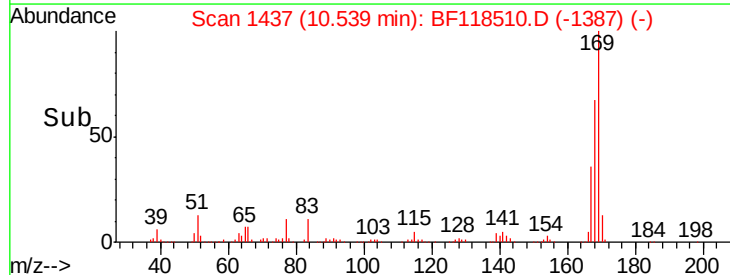
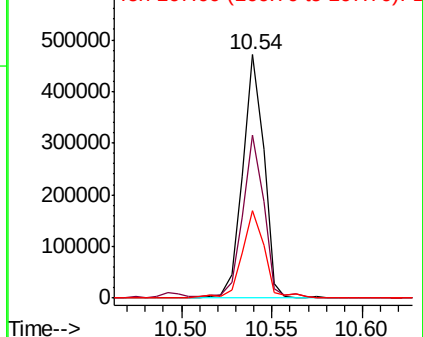


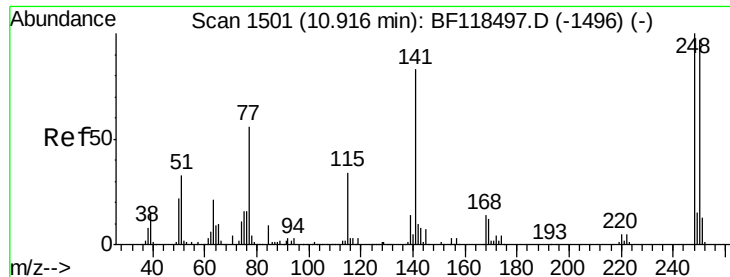
#66
n-Nitrosodiphenylamine
Concen: 49.370 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:169 Resp: 381527
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 35.8 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

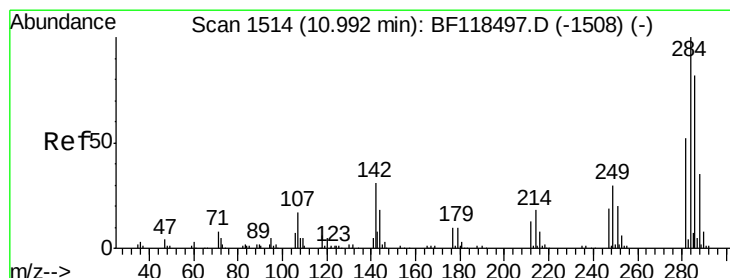
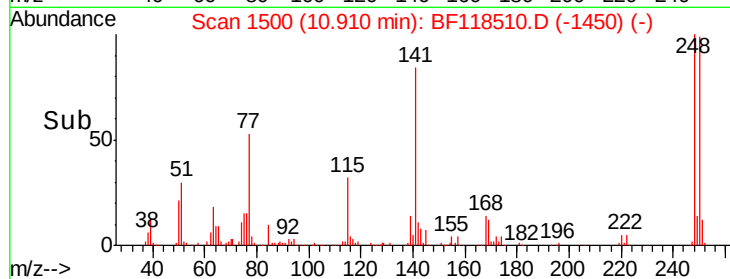
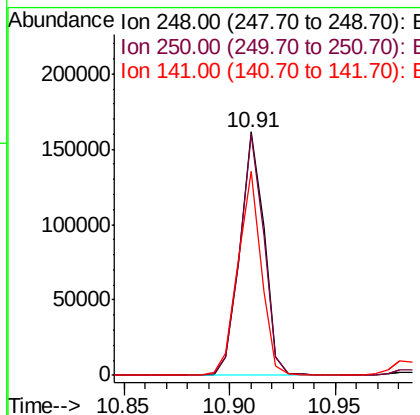
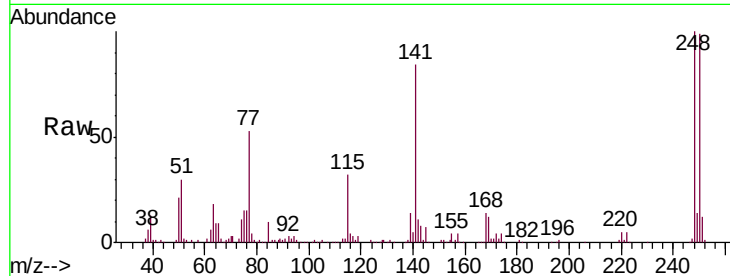




#67
 4-Bromophenyl-phenylether
 Concen: 45.926 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

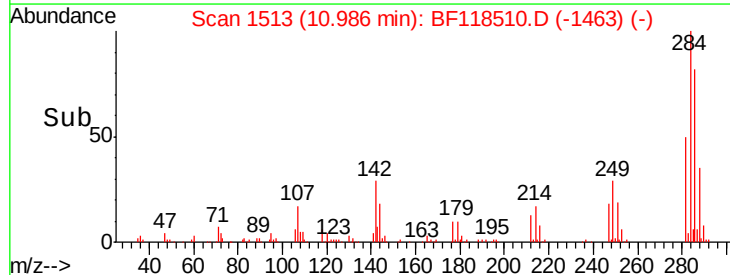
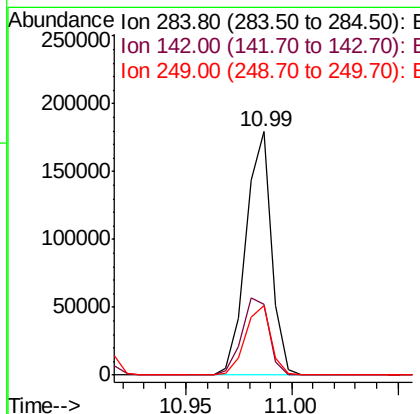
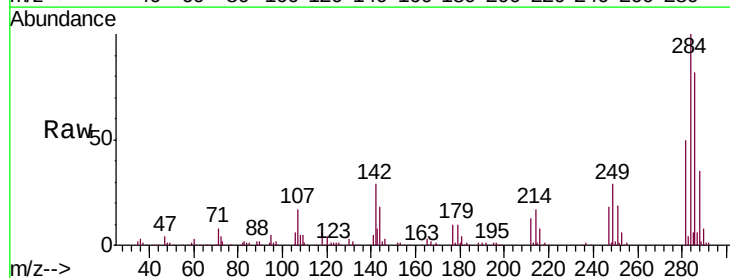
Instrument :
 BNA_F
 ClientSampled :
 TP-4MS

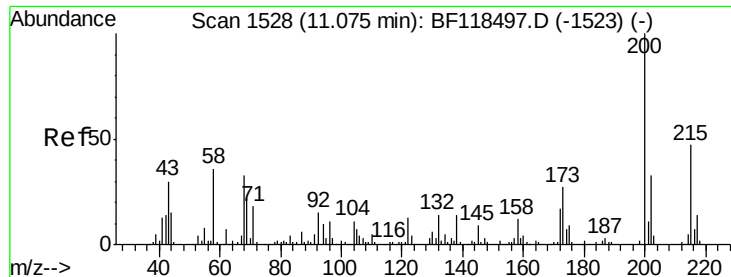
Tgt Ion:248 Resp: 127651
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.4 116.0
 141 84.0 66.2 99.4



#68
 Hexachlorobenzene
 Concen: 45.346 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF118510.D
 Acq: 8 Jan 2020 20:45

Tgt Ion:284 Resp: 150514
 Ion Ratio Lower Upper
 284 100
 142 29.0 24.6 37.0
 249 28.6 24.0 36.0





#69

Atrazine

Concen: 48.206 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

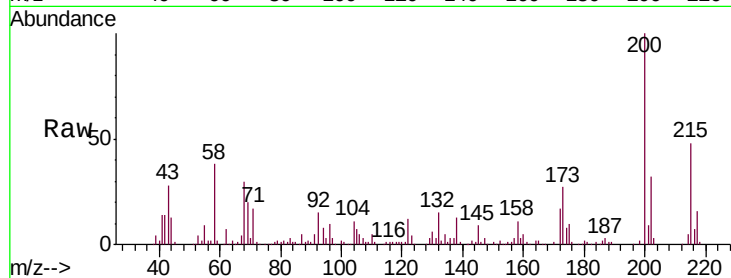
Tgt Ion:200 Resp: 110696

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

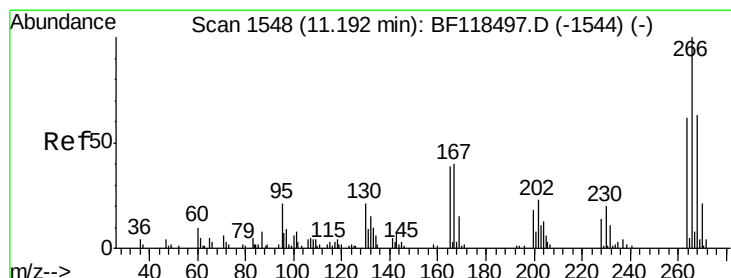
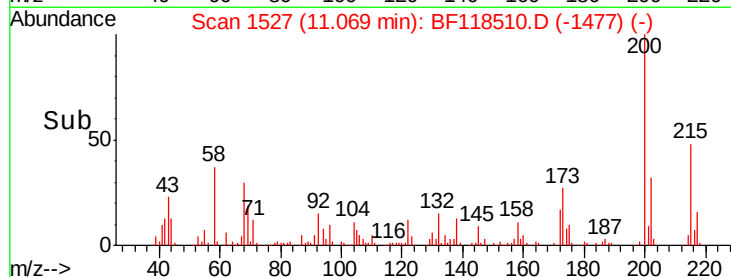
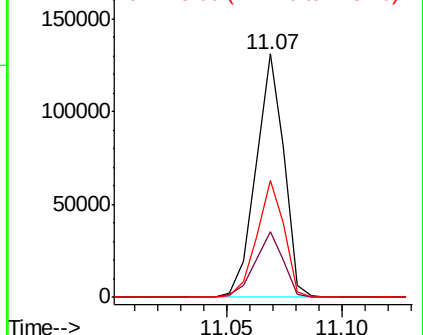
215 47.8 27.0 67.0



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: 95.614 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

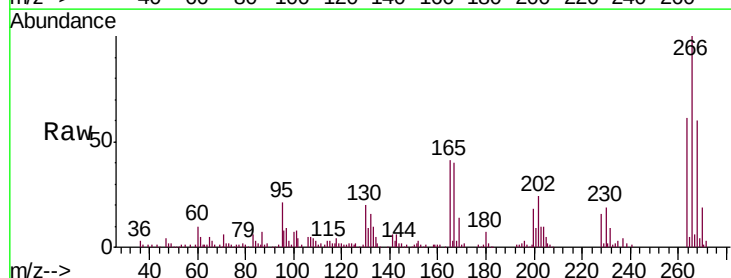
Tgt Ion:266 Resp: 104860

Ion Ratio Lower Upper

266 100

268 60.3 50.2 75.2

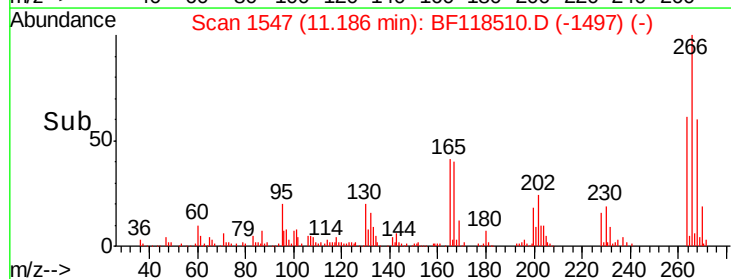
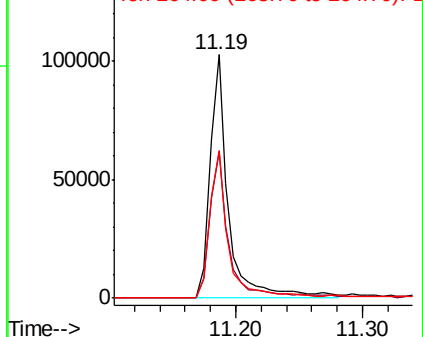
264 60.9 49.4 74.0

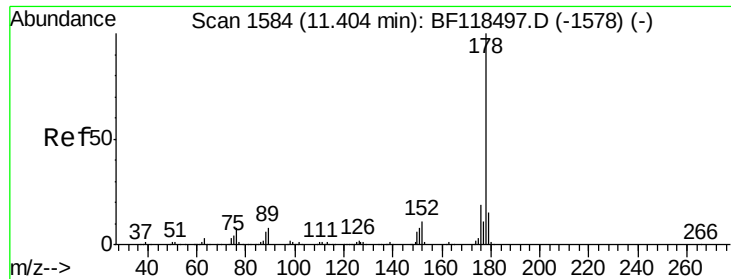


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 60.190 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

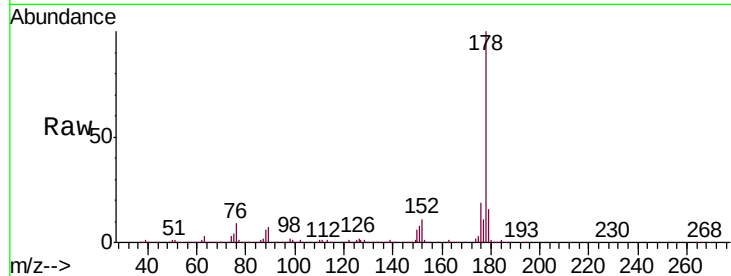
Tgt Ion:178 Resp: 800129

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

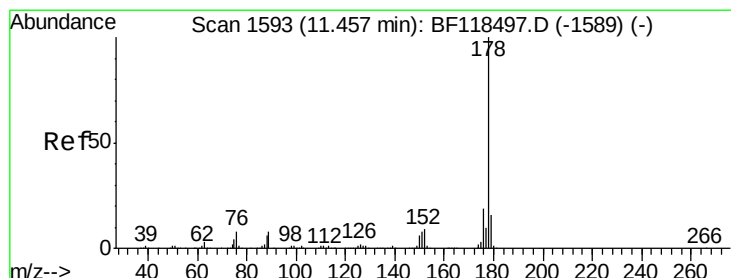
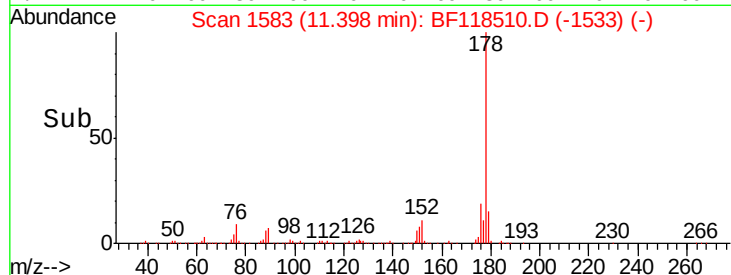
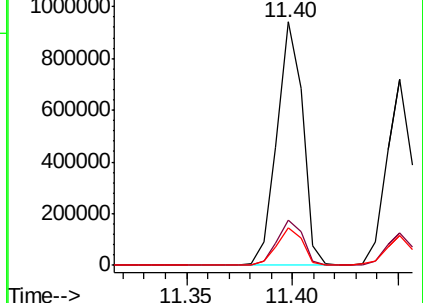
179 15.5 12.3 18.5



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: 45.574 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

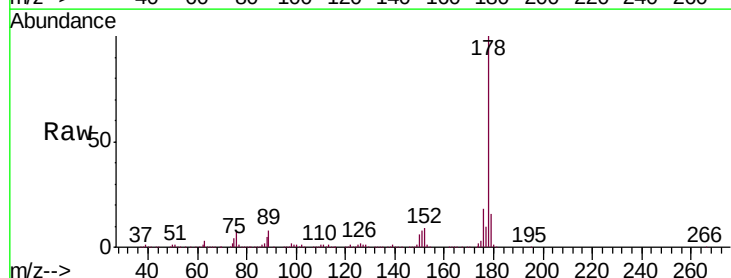
Tgt Ion:178 Resp: 602705

Ion Ratio Lower Upper

178 100

176 17.5 15.0 22.4

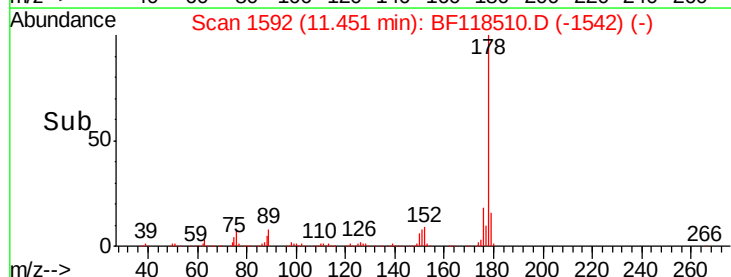
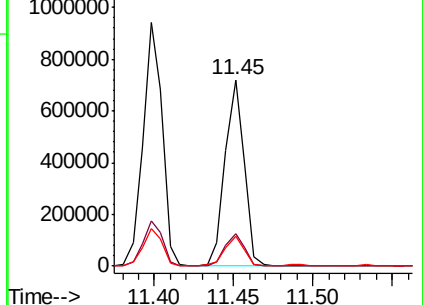
179 15.8 12.6 19.0

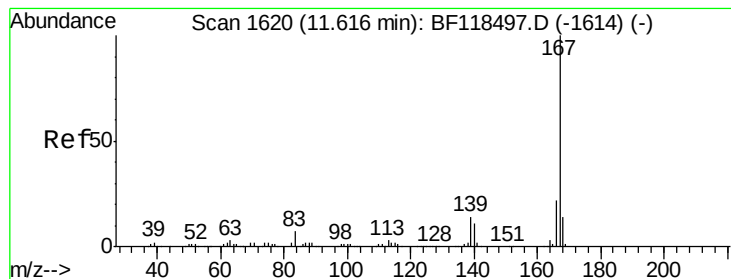


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.056 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

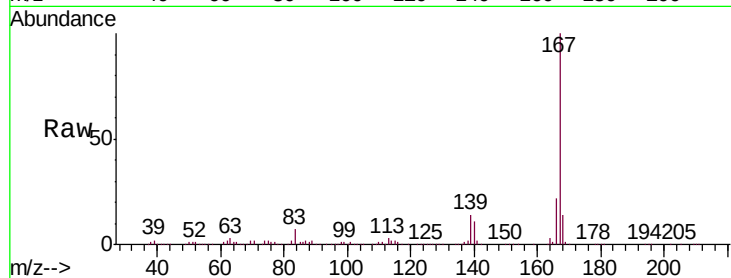
Tgt Ion:167 Resp: 481794

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

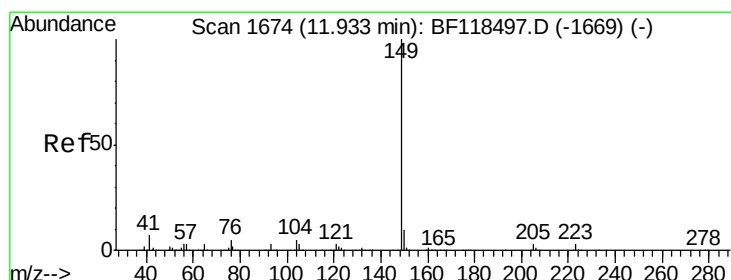
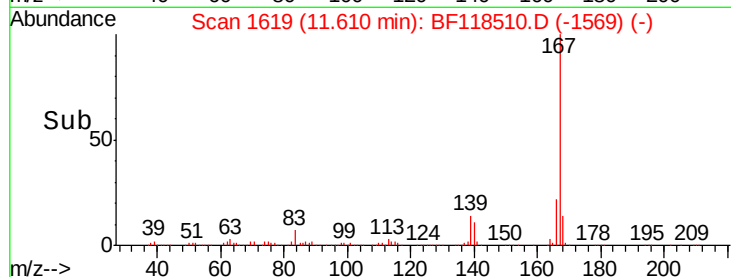
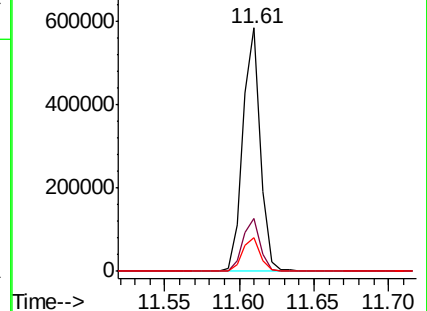
139 13.8 10.9 16.3



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: 43.410 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

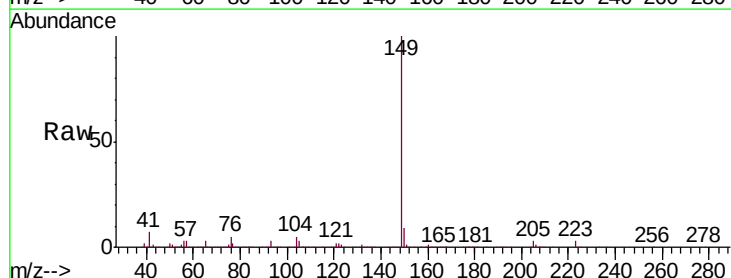
Tgt Ion:149 Resp: 663458

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

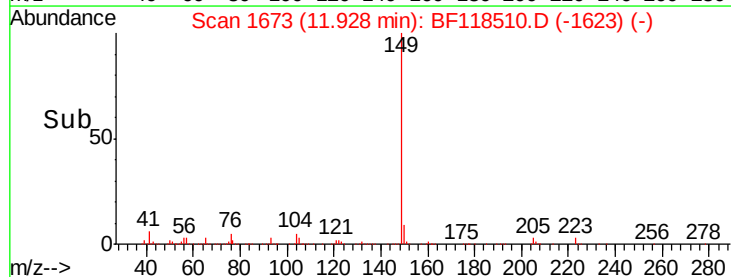
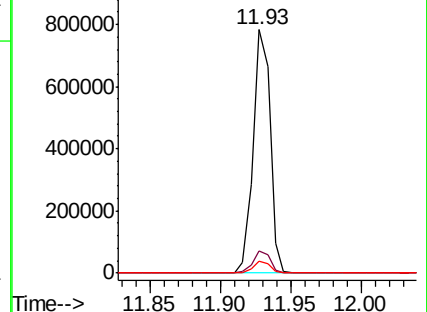
104 5.2 4.2 6.4

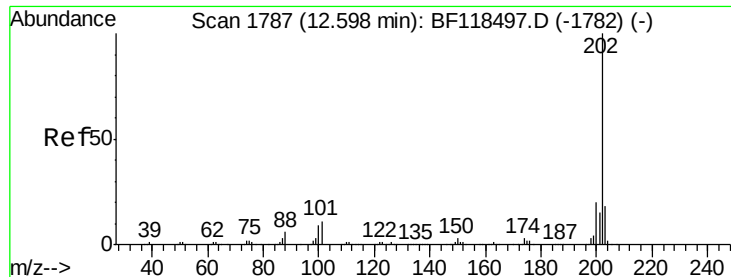


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.082 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

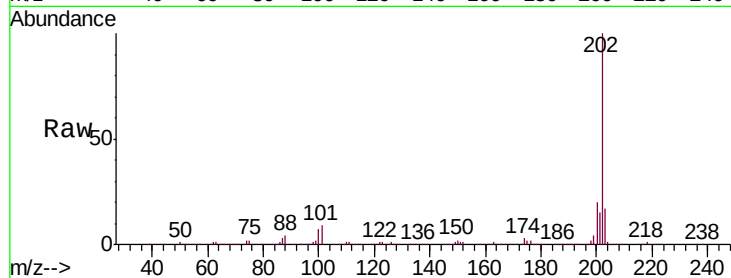
Tgt Ion:202 Resp: 744244

Ion Ratio Lower Upper

202 100

101 8.8 0.0 31.4

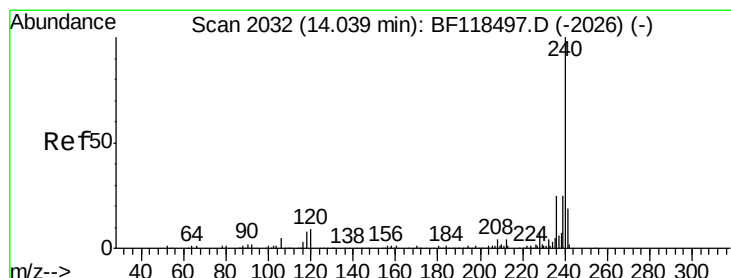
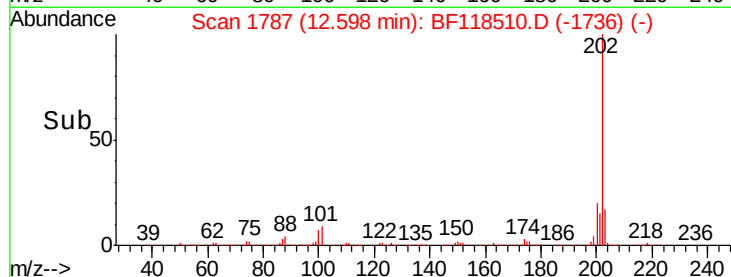
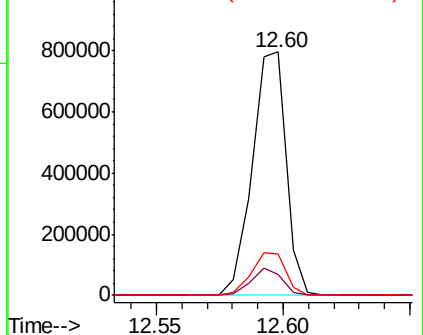
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

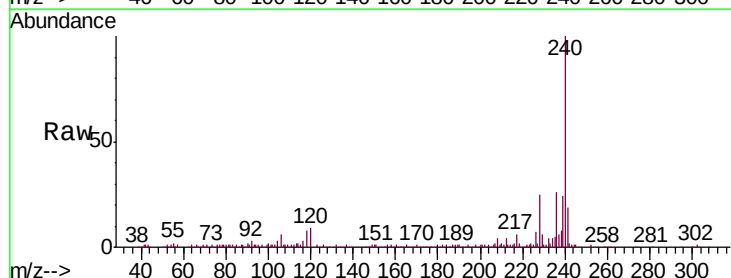
Tgt Ion:240 Resp: 172954

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

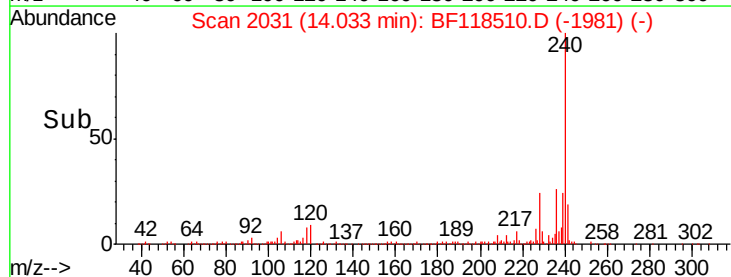
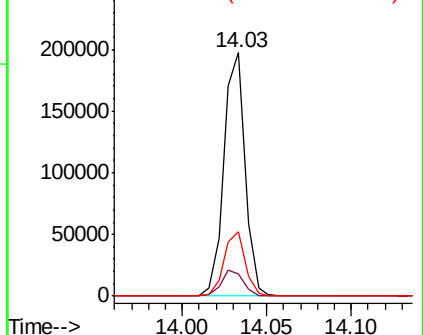
236 26.5 20.1 30.1

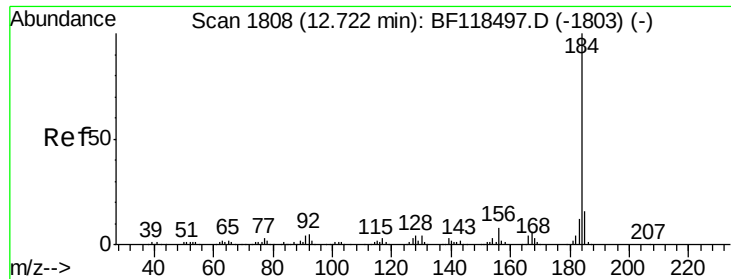


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.669 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

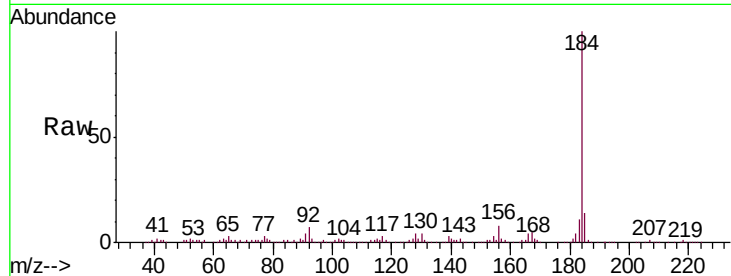
Tgt Ion:184 Resp: 212862

Ion Ratio Lower Upper

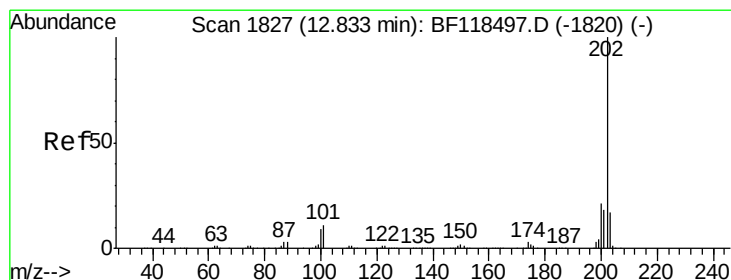
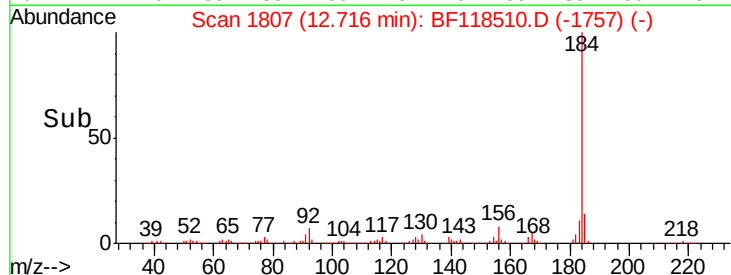
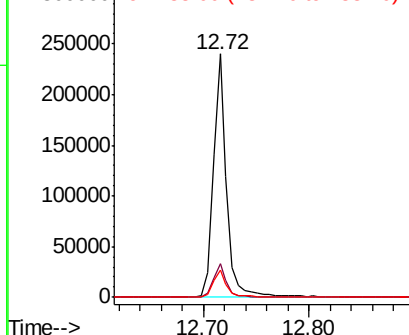
184 100

185 14.0 12.6 18.8

183 11.2 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: 50.299 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

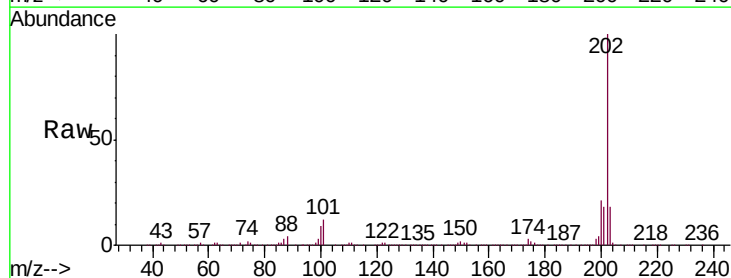
Tgt Ion:202 Resp: 715746

Ion Ratio Lower Upper

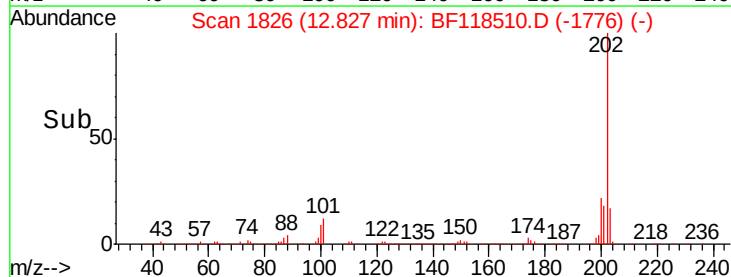
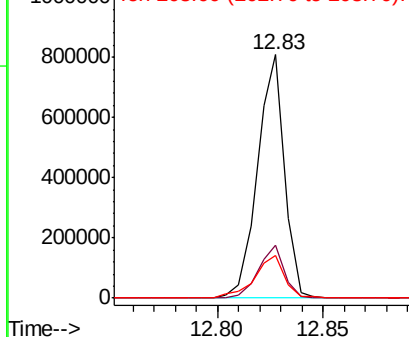
202 100

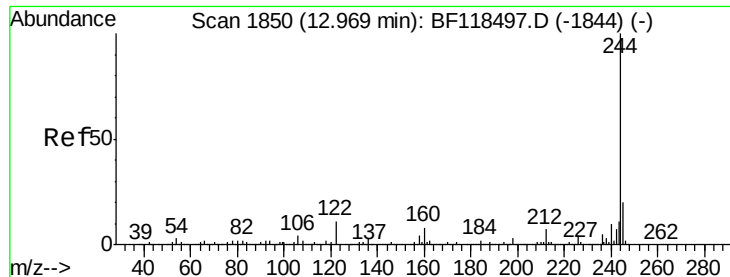
200 21.5 16.9 25.3

203 17.5 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: 53.355 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

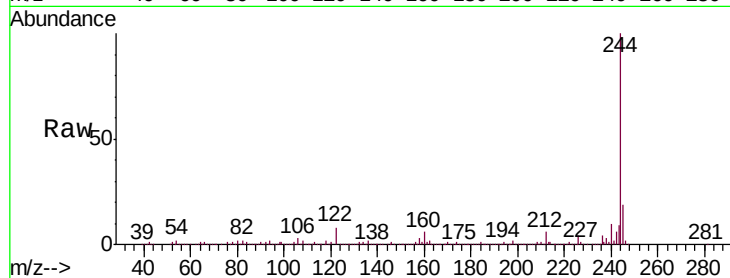
Tgt Ion:244 Resp: 582318

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

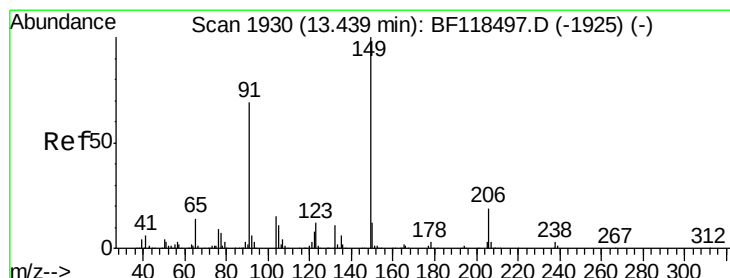
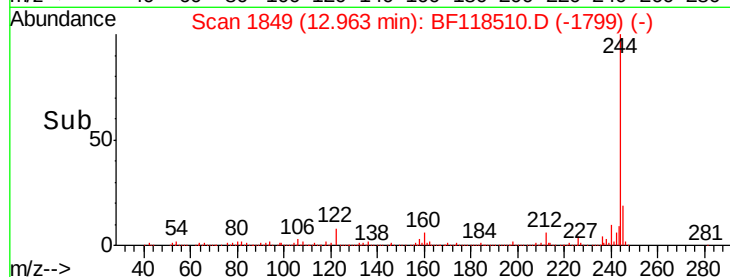
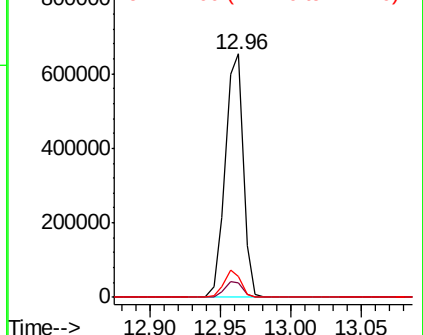
122 8.3 9.0 13.6#



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: 36.185 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

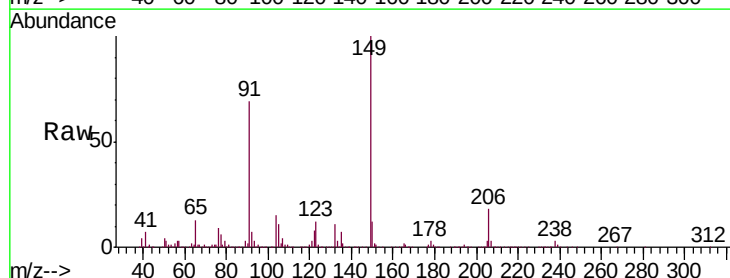
Tgt Ion:149 Resp: 235815

Ion Ratio Lower Upper

149 100

91 69.1 55.2 82.8

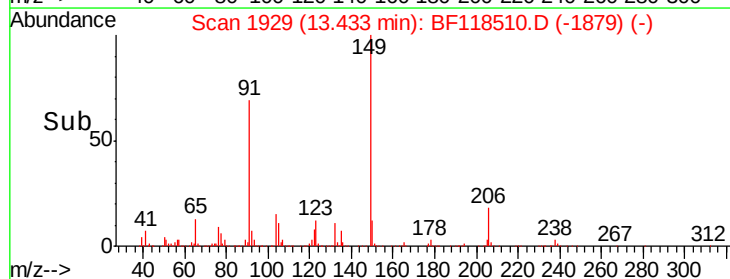
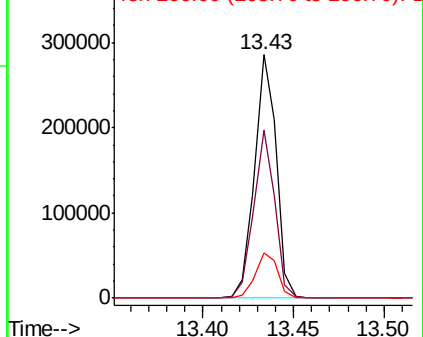
206 18.5 15.1 22.7

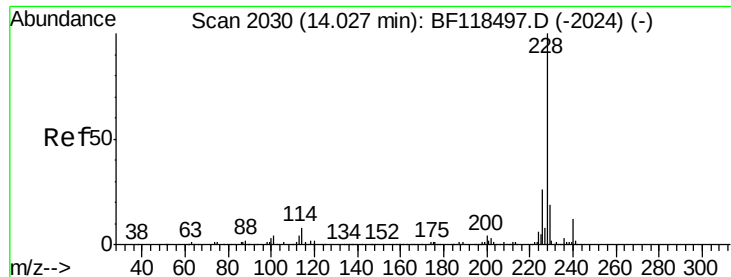


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

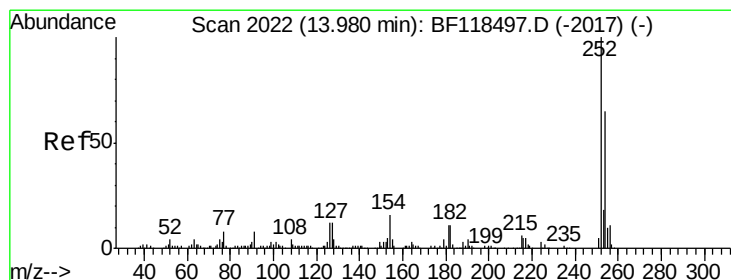
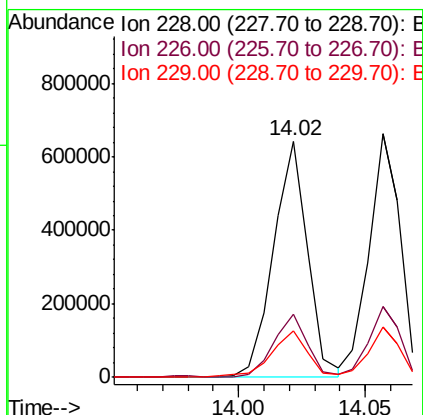
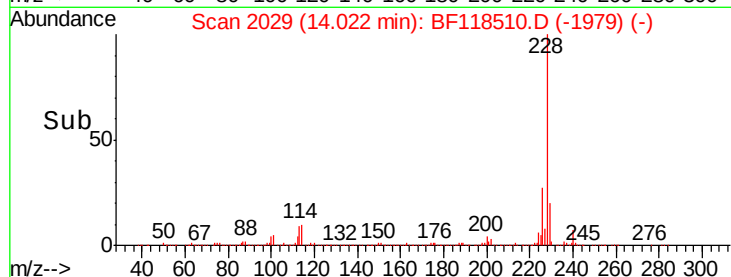
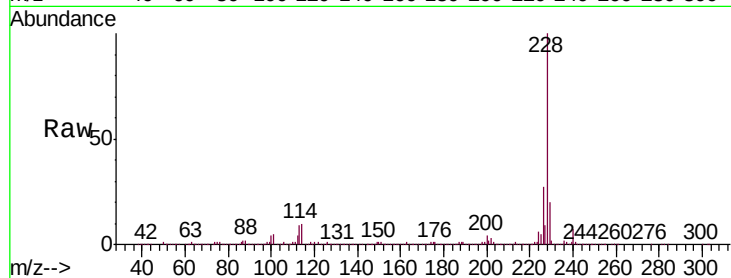




#81
Benzo(a)anthracene
Concen: 48.807 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

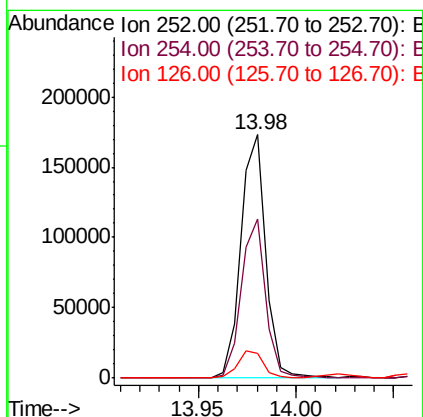
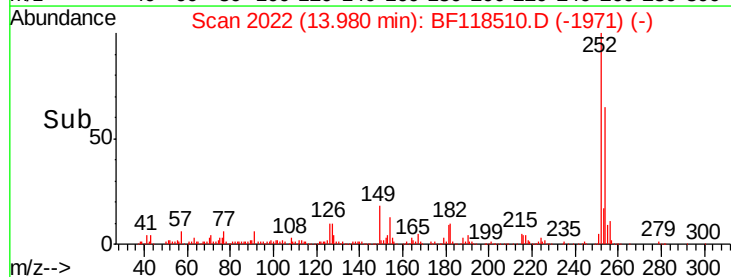
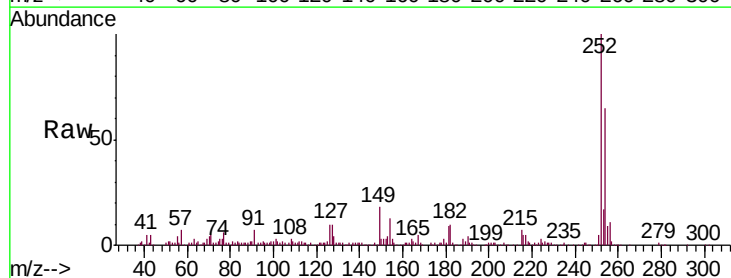
Instrument :
BNA_F
ClientSampleId :
TP-4MS

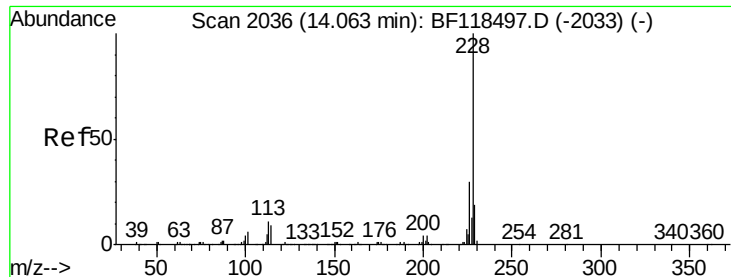
Tgt Ion:228 Resp: 590852
Ion Ratio Lower Upper
228 100
226 26.6 20.7 31.1
229 19.8 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 38.929 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:252 Resp: 153253
Ion Ratio Lower Upper
252 100
254 65.5 52.1 78.1
126 10.3 9.6 14.4





#83

Chrysene

Concen: 48.003 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

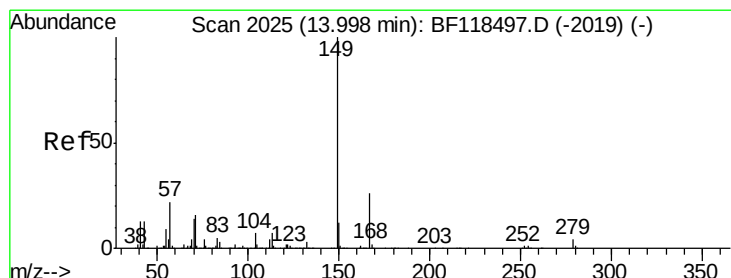
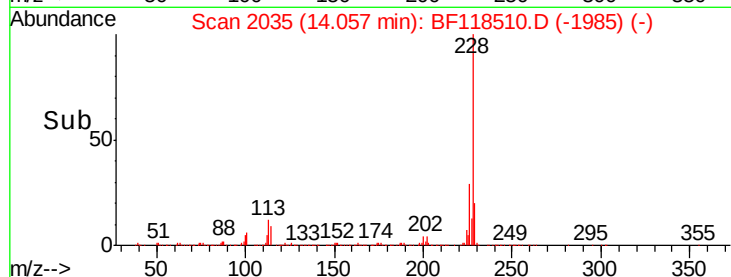
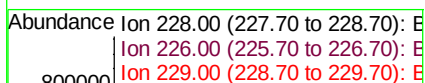
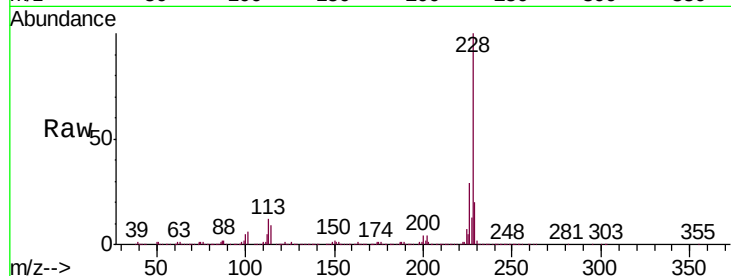
BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 228 Resp: 564703

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	20.5	15.6	23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.062 ng

RT: 13.99 min Scan# 2024

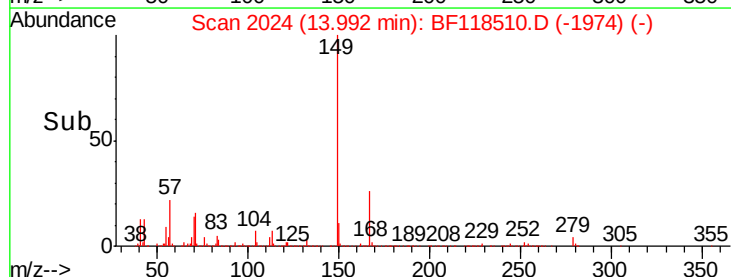
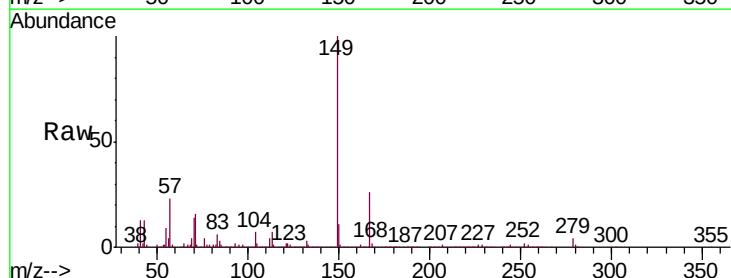
Delta R.T. -0.01 min

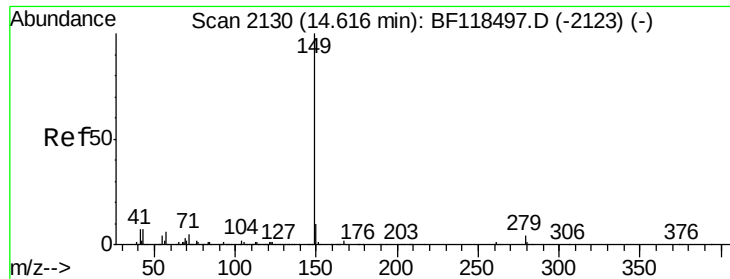
Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Tgt Ion: 149 Resp: 327942

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.6	30.8
279	3.8	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 42.429 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

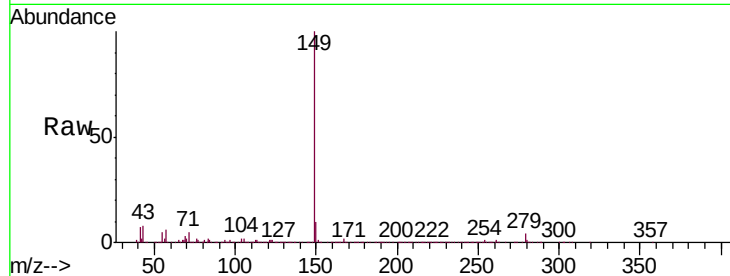
Tgt Ion:149 Resp: 538498

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

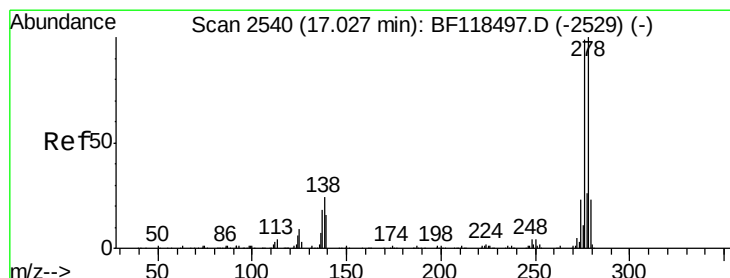
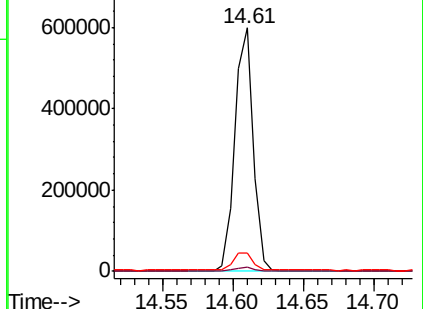
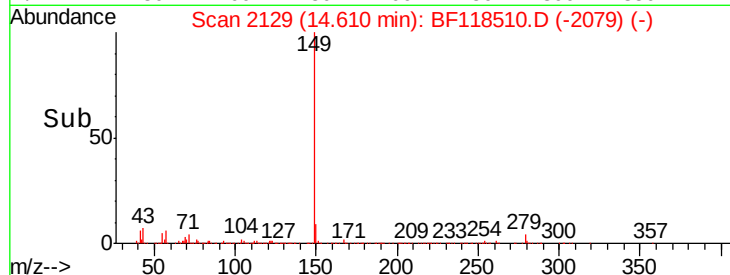
43 7.8 6.4 9.6



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: 51.000 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

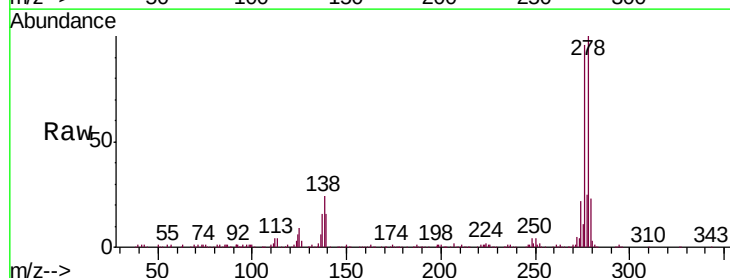
Tgt Ion:276 Resp: 483020

Ion Ratio Lower Upper

276 100

138 22.9 19.0 28.4

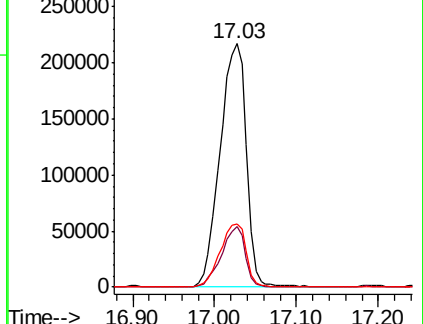
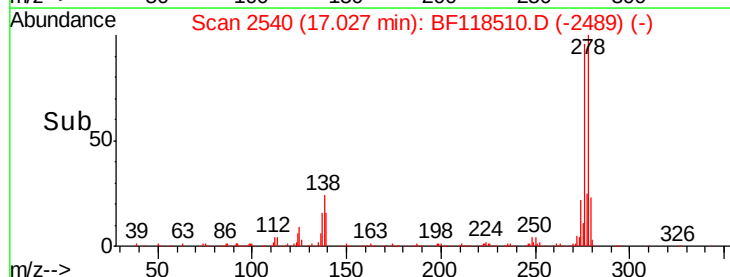
277 25.2 20.5 30.7

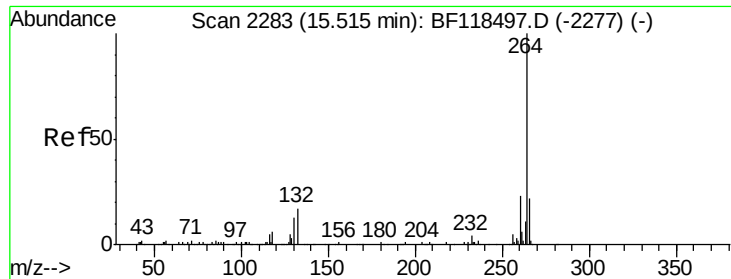


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF118510.D

Acq: 8 Jan 2020 20:45

Instrument :

BNA_F

ClientSampleId :

TP-4MS

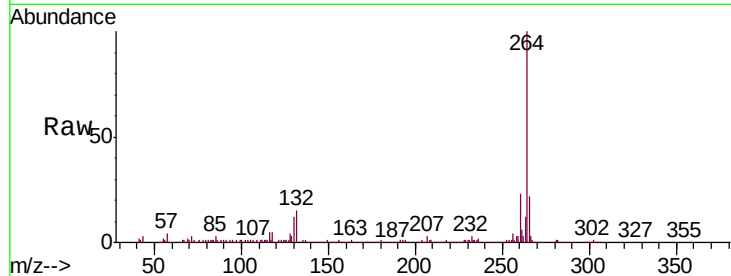
Tgt Ion:264 Resp: 219234

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

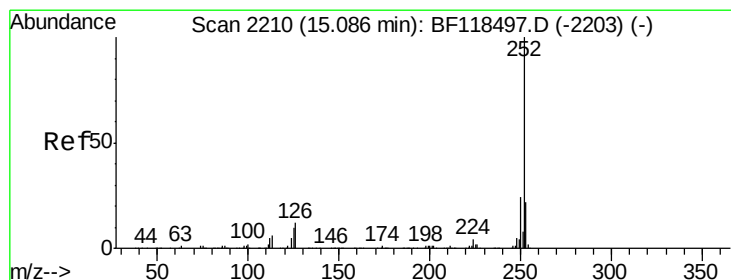
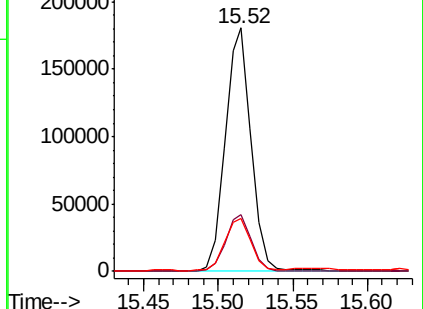
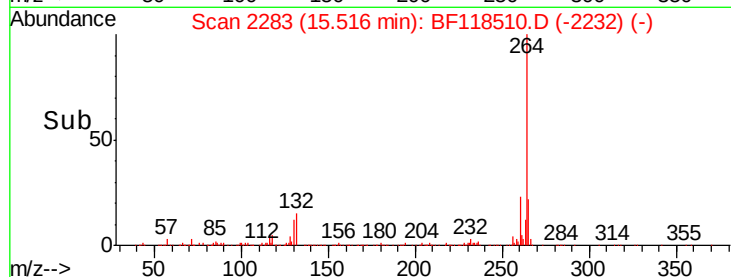
265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.146 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BF118510.D

Acq: 8 Jan 2020 20:45

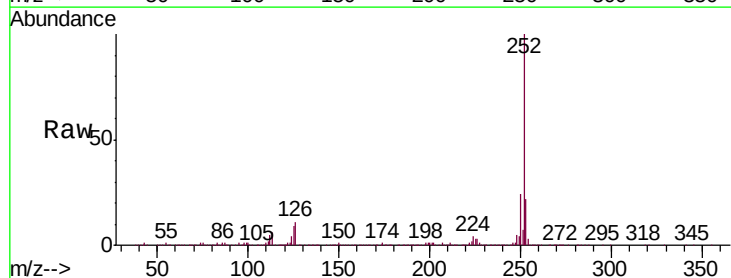
Tgt Ion:252 Resp: 620483

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

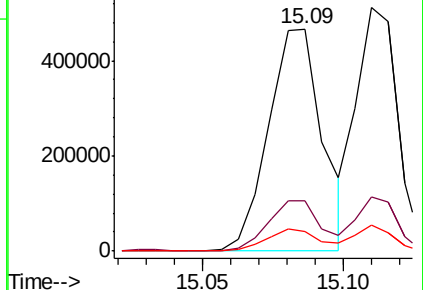
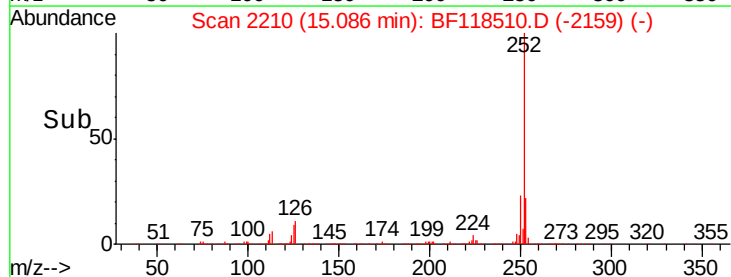
125 8.7 7.8 11.6

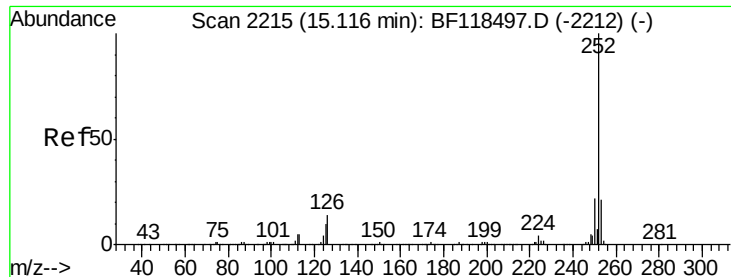


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

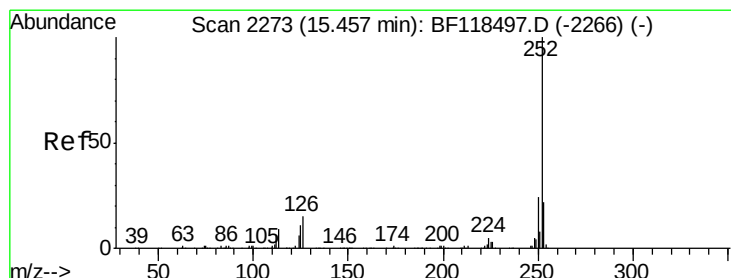
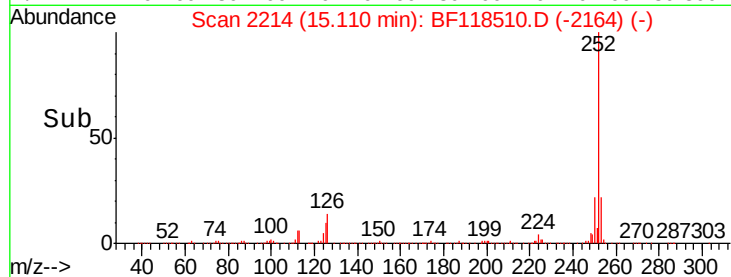
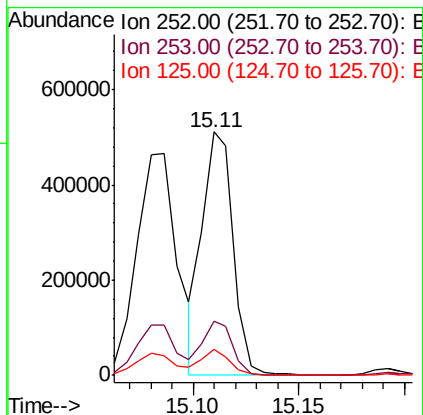
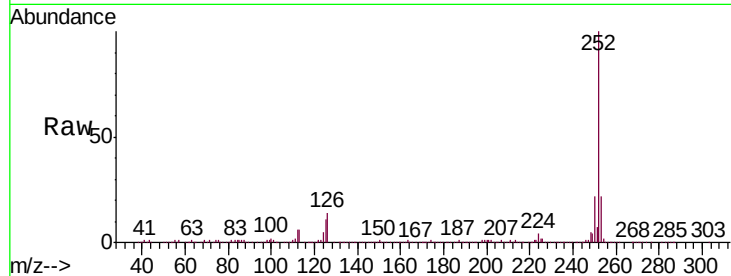




#89
Benzo(k)fluoranthene
Concen: 34.344 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

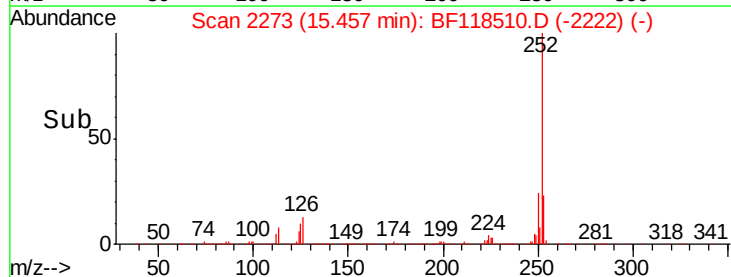
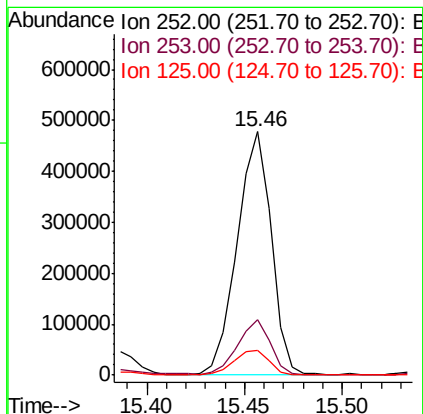
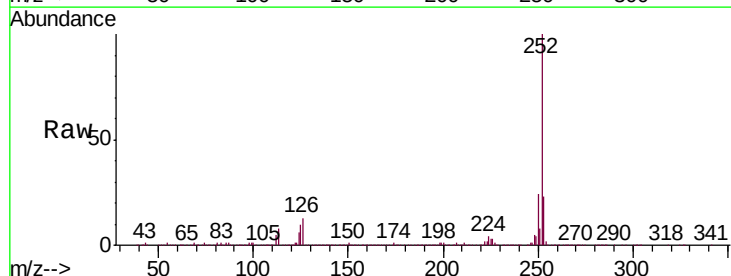
Instrument :
BNA_F
ClientSampleId :
TP-4MS

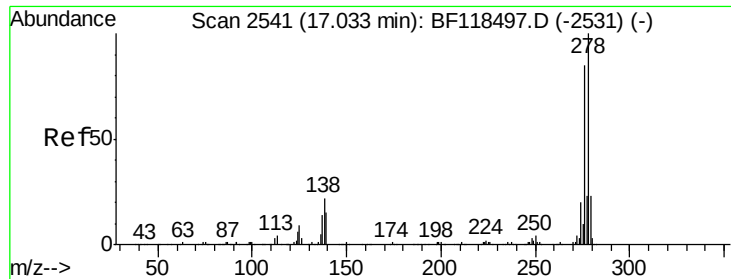
Tgt Ion:252 Resp: 519595
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 44.482 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion:252 Resp: 577779
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.4 9.0 13.6

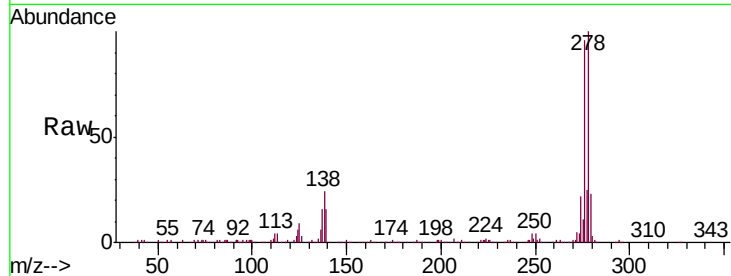




#91
Dibenzo(a,h)anthracene
Concen: 31.998 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.9	17.9
279	23.4	18.6	27.8

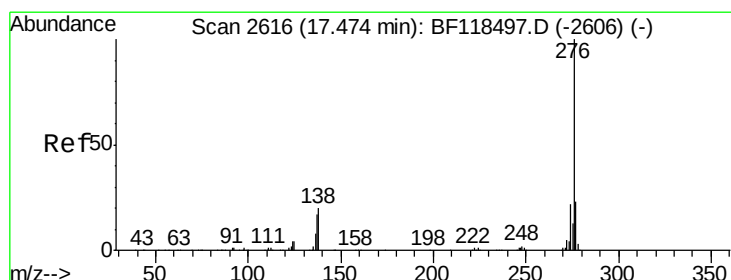
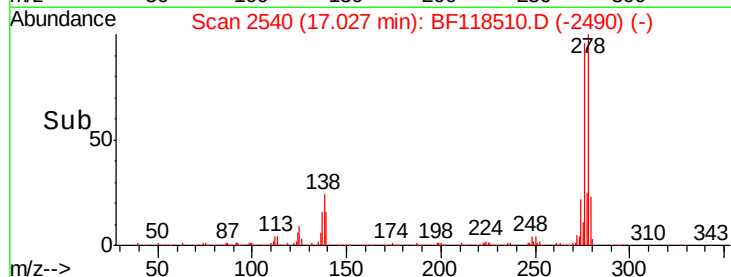
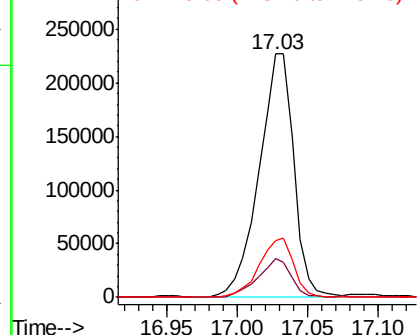


Abundance

Ion 278.00 (277.70 to 278.70): E

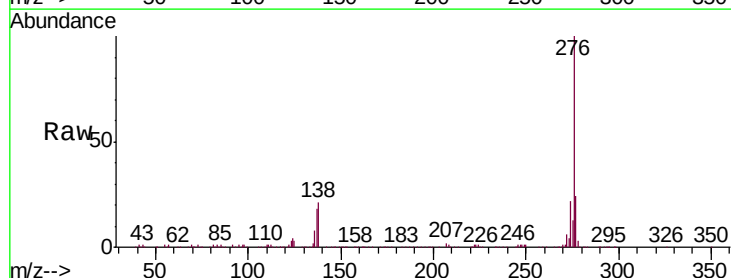
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.155 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BF118510.D
Acq: 8 Jan 2020 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.2	27.4
138	21.1	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

