

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118502.D
 Acq On : 8 Jan 2020 16:27
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 08 17:09:08 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	79029	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	319652	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	174210	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	323202	20.00	ng	0.00
76) Chrysene-d12	14.03	240	260260	20.00	ng	0.00
87) Perylene-d12	15.52	264	203705	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	369331	77.15	ng	0.00
7) Phenol-d6	6.47	99	440522	76.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	458497	75.35	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	169522	82.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	922643	75.96	ng	0.00
79) Terphenyl-d14	12.97	244	1256767	76.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	67748	42.447	ng	98
3) Pyridine	3.29	79	182104	42.386	ng	97
4) n-Nitrosodimethylamine	3.25	42	86898	40.363	ng	95
6) Aniline	6.50	93	278222	39.095	ng	98
8) 2-Chlorophenol	6.62	128	208698	39.871	ng	100
9) Benzaldehyde	6.39	77	112557	35.323	ng	98
10) Phenol	6.49	94	251582	39.667	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	181349	40.106	ng	100
12) 1,3-Dichlorobenzene	6.77	146	244839	40.013	ng	99
13) 1,4-Dichlorobenzene	6.85	146	253036	40.528	ng	98
14) 1,2-Dichlorobenzene	7.00	146	239808	39.747	ng	100
15) Benzyl Alcohol	6.98	79	183223	39.463	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	202154	40.302	ng	98
17) 2-Methylphenol	7.09	107	168292	39.122	ng	98
18) Hexachloroethane	7.35	117	92814	39.234	ng	# 89
19) n-Nitroso-di-n-propylamine	7.25	70	146680	39.788	ng	98
20) 3+4-Methylphenols	7.25	107	225081	38.573	ng	98
22) Acetophenone	7.25	105	319975	39.491	ng	98
24) Nitrobenzene	7.42	77	226040	37.358	ng	98
25) Isophorone	7.66	82	383483	39.339	ng	100
26) 2-Nitrophenol	7.74	139	118693	39.731	ng	97
27) 2,4-Dimethylphenol	7.77	122	156522	38.960	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	245092	38.242	ng	99
29) 2,4-Dichlorophenol	7.99	162	180240	38.424	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	209570	38.466	ng	99
31) Naphthalene	8.15	128	645672	38.616	ng	99
32) Benzoic acid	7.92	122	84457	32.886	ng	96
33) 4-Chloroaniline	8.20	127	270209	39.254	ng	99
34) Hexachlorobutadiene	8.26	225	128069	38.295	ng	99
35) Caprolactam	8.57	113	54634	38.665	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	188579	37.395	ng	98
37) 2-Methylnaphthalene	8.84	142	431670	37.617	ng	98
38) 1-Methylnaphthalene	8.93	142	406601	37.738	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	200955	37.543	ng	99

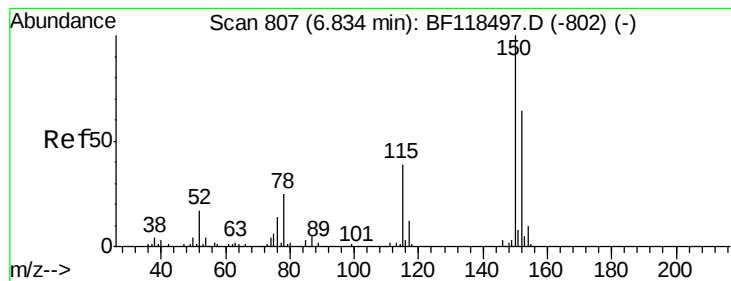
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	32615	32.244	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	123586	37.364	ng	96
44) 2,4,5-Trichlorophenol	9.17	196	126402	36.929	ng	99
46) 1,1'-Biphenyl	9.30	154	543506	38.183	ng	98
47) 2-Chloronaphthalene	9.33	162	422021	37.459	ng	99
48) 2-Nitroaniline	9.43	65	124532	38.252	ng	96
49) Acenaphthylene	9.75	152	648225	38.653	ng	99
50) Dimethylphthalate	9.60	163	503513	37.658	ng	99
51) 2,6-Dinitrotoluene	9.67	165	108517	37.687	ng	89
52) Acenaphthene	9.92	154	392069	38.285	ng	99
53) 3-Nitroaniline	9.85	138	128014	37.954	ng	94
54) 2,4-Dinitrophenol	9.96	184	40883	35.438	ng	99
55) Dibenzofuran	10.09	168	591257	38.439	ng	99
56) 4-Nitrophenol	10.02	139	61108	37.314	ng	96
57) 2,4-Dinitrotoluene	10.09	165	147566	38.275	ng	99
58) Fluorene	10.43	166	475907	38.493	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	109159	37.712	ng	97
60) Diethylphthalate	10.30	149	509700	37.447	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	236528	38.289	ng	92
62) 4-Nitroaniline	10.47	138	135286	40.964	ng	96
63) Azobenzene	10.59	77	455506	39.381	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	68568	40.132	ng	87
66) n-Nitrosodiphenylamine	10.55	169	419312	39.839	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	148917	39.337	ng	97
68) Hexachlorobenzene	10.99	284	174837	38.675	ng	# 92
69) Atrazine	11.07	200	112498	35.971	ng	99
70) Pentachlorophenol	11.19	266	49066	35.531	ng	99
71) Phenanthrene	11.40	178	699134	38.615	ng	99
72) Anthracene	11.46	178	711151	39.482	ng	99
73) Carbazole	11.61	167	618222	39.622	ng	99
74) Di-n-butylphthalate	11.93	149	820808	39.432	ng	99
75) Fluoranthene	12.60	202	786638	42.747	ng	98
77) Benzidine	12.72	184	252387	40.869	ng	97
78) Pyrene	12.83	202	800876	37.401	ng	99
80) Butylbenzylphthalate	13.44	149	338311	34.499	ng	98
81) Benzo(a)anthracene	14.02	228	709718	38.959	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	220189	37.170	ng	99
83) Chrysene	14.06	228	681291	38.486	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	507150	38.089	ng	99
85) Di-n-octyl phthalate	14.61	149	809299	42.375	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	458645	32.182	ng	100
88) Benzo(b)fluoranthene	15.08	252	556656	37.797	ng	99
89) Benzo(k)fluoranthene	15.11	252	508973	36.206	ng	98
90) Benzo(a)pyrene	15.46	252	446262	36.976	ng	97
91) Dibenzo(a,h)anthracene	17.03	278	380314	33.606	ng	99
92) Benzo(g,h,i)perylene	17.47	276	412493	38.468	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

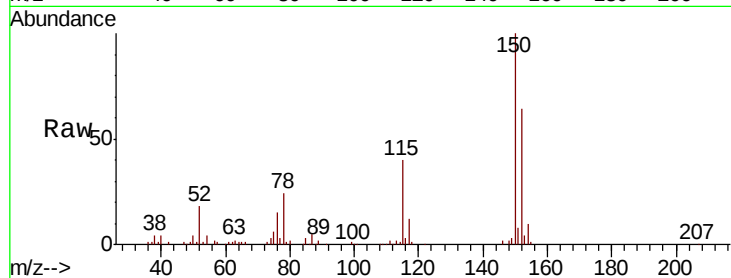
Tot Ion:152 Resp: 79029

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

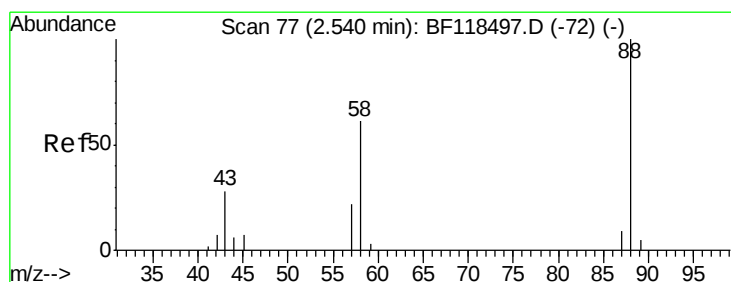
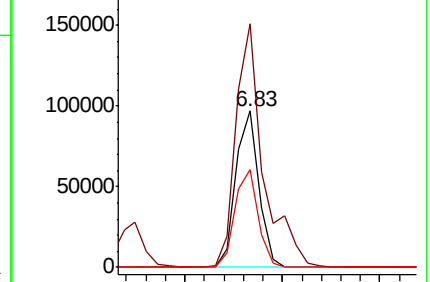
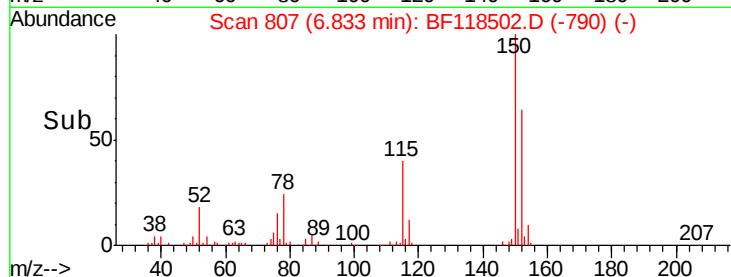
115 62.8 49.0 73.6



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: 42.447 ng

RT: 2.53 min Scan# 76

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

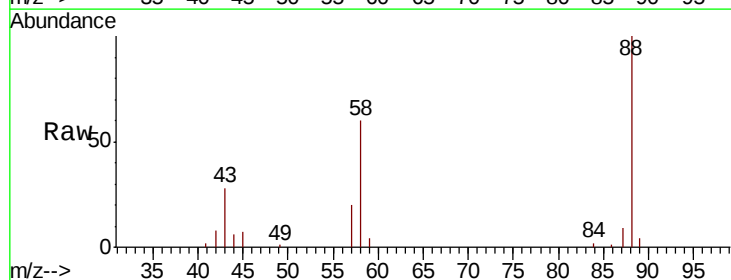
Tgt Ion: 88 Resp: 67748

Ion Ratio Lower Upper

88 100

58 59.6 48.3 72.5

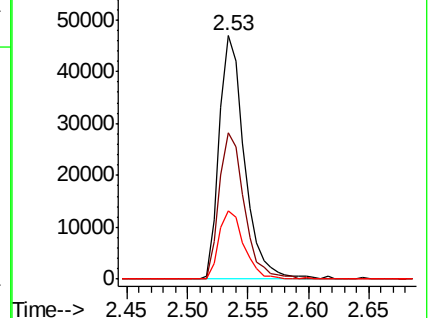
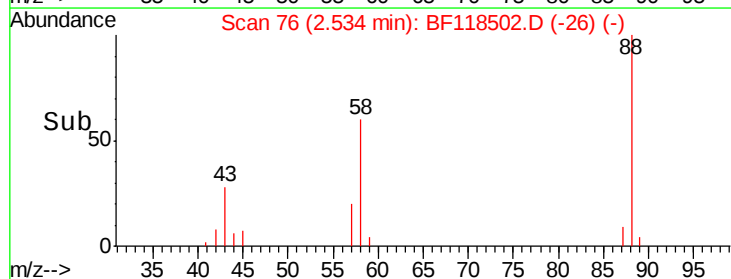
43 27.6 23.4 35.0

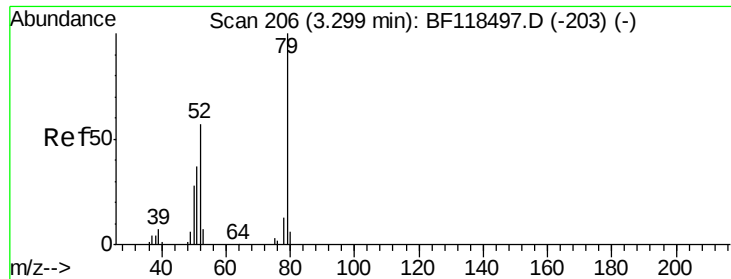


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 42.386 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampled :

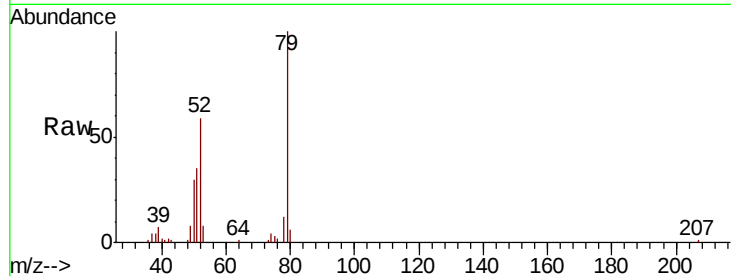
Tot Ion: 79 Resp: 182104

Ion Ratio Lower Upper

79 100

52 58.8 45.9 68.9

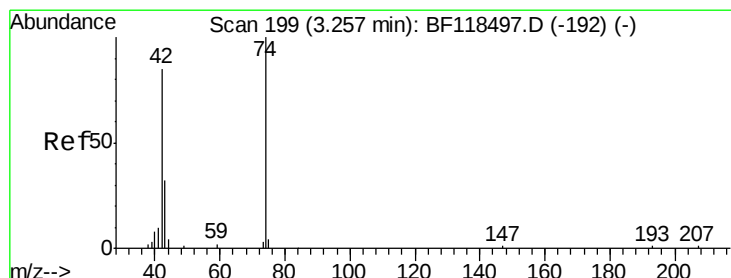
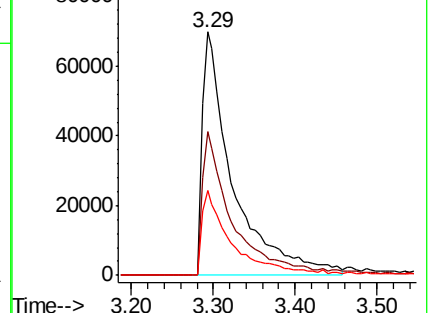
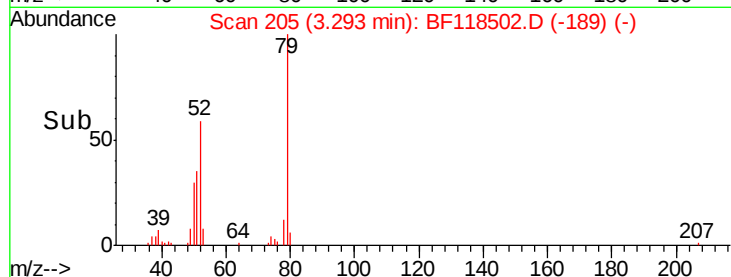
51 34.9 29.8 44.6



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: 40.363 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

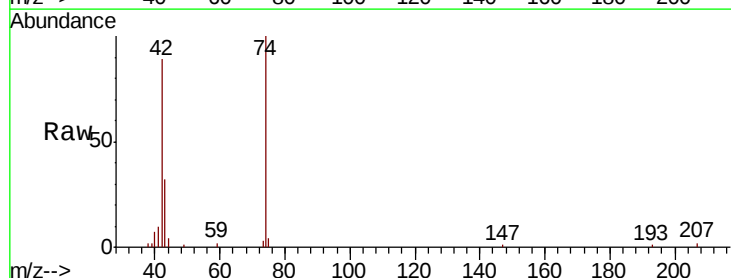
Tgt Ion: 42 Resp: 86898

Ion Ratio Lower Upper

42 100

74 111.8 94.1 141.1

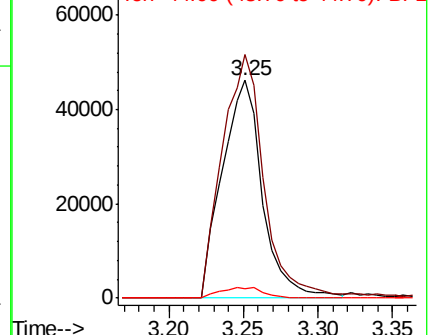
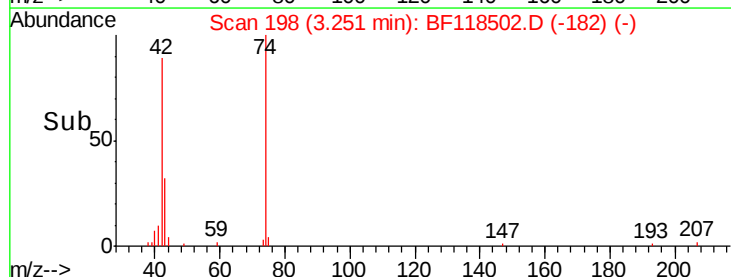
44 4.4 4.1 6.1

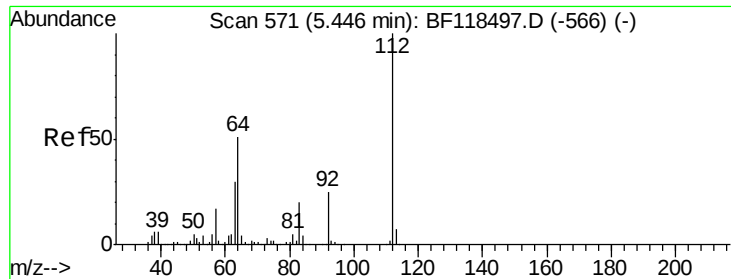


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.145 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

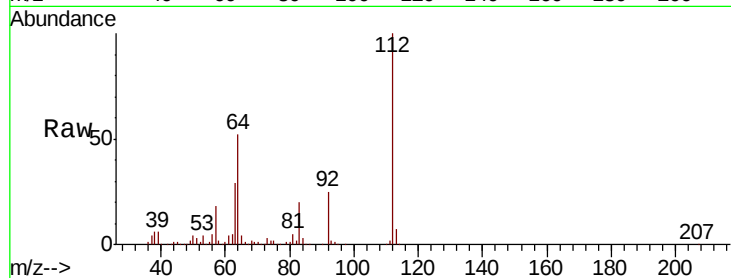
Tot Ion:112 Resp: 369331

Ion Ratio Lower Upper

112 100

64 52.4 41.1 61.7

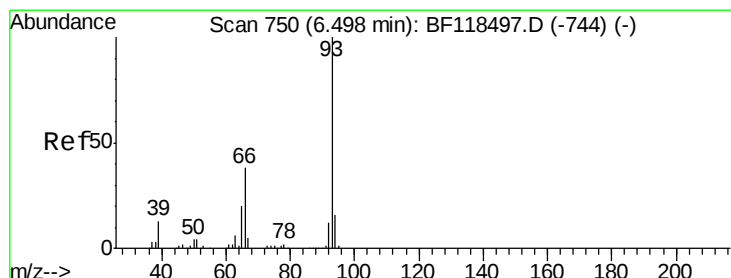
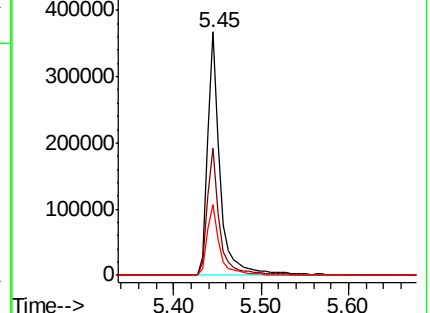
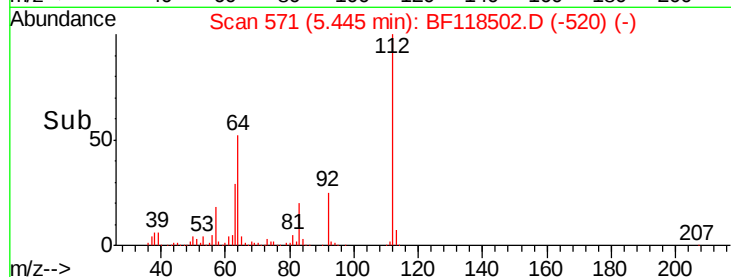
63 29.1 24.1 36.1



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: 39.095 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

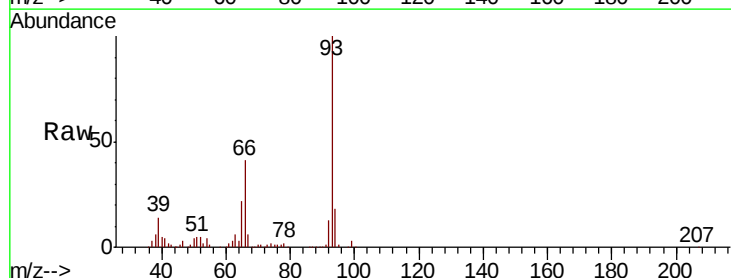
Tgt Ion: 93 Resp: 278222

Ion Ratio Lower Upper

93 100

66 40.9 33.4 50.0

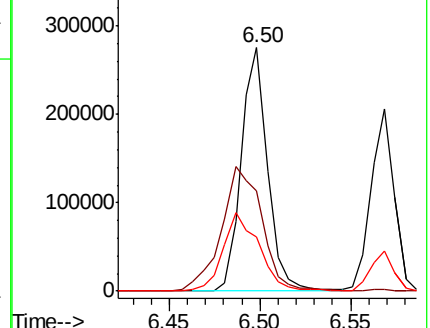
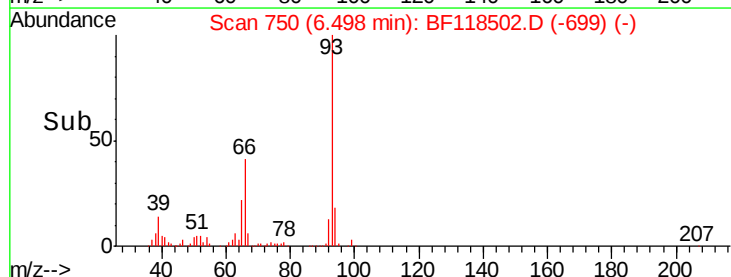
65 22.1 16.7 25.1

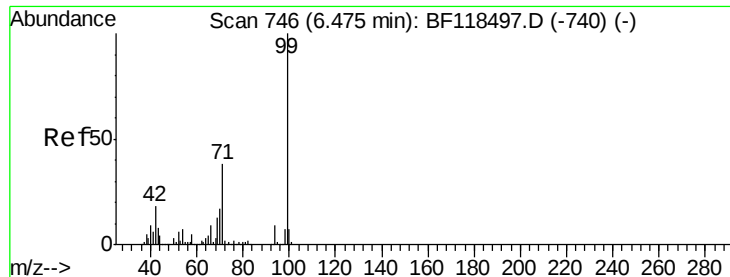


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.965 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

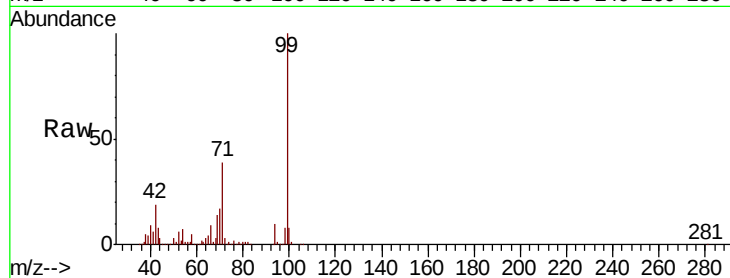
Tot Ion: 99 Resp: 440522

Ion Ratio Lower Upper

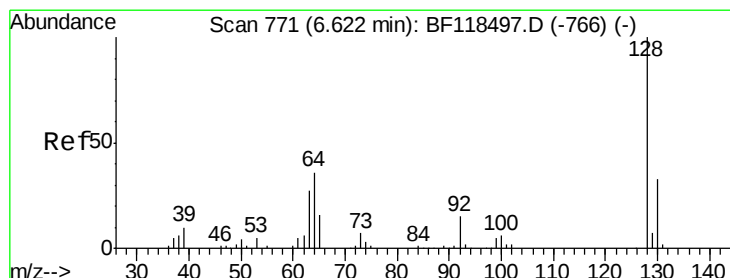
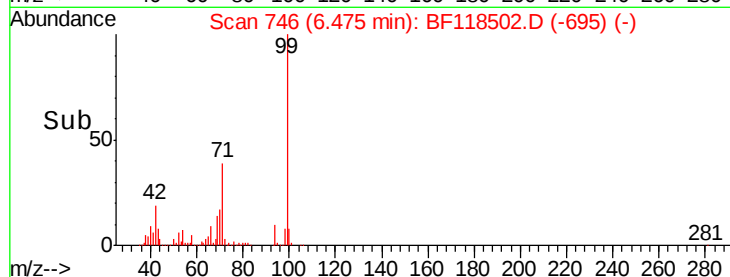
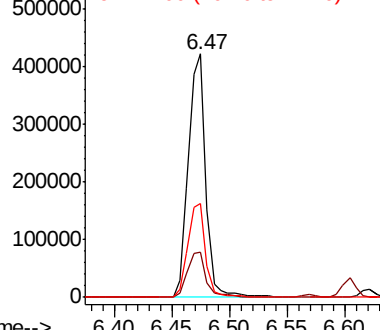
99 100

42 18.7 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: 39.871 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

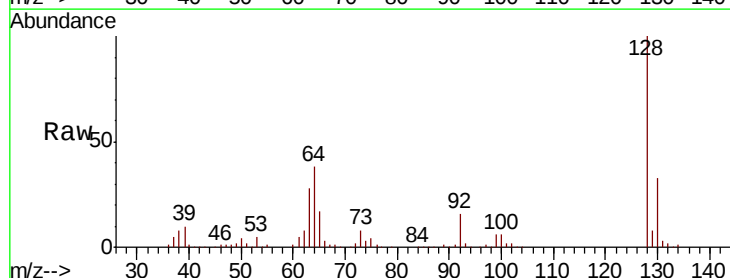
Tgt Ion: 128 Resp: 208698

Ion Ratio Lower Upper

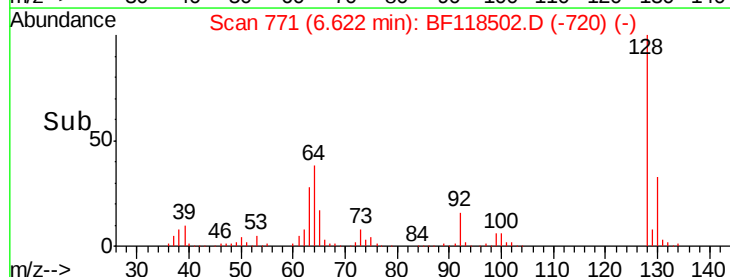
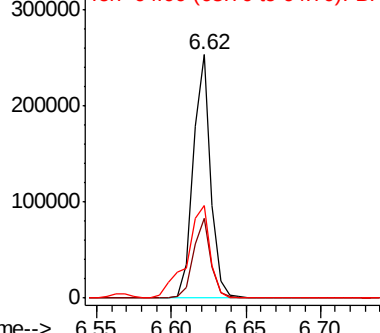
128 100

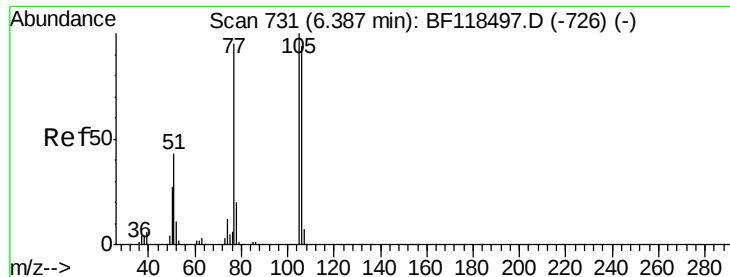
130 32.7 12.7 52.7

64 38.1 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: 35.323 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

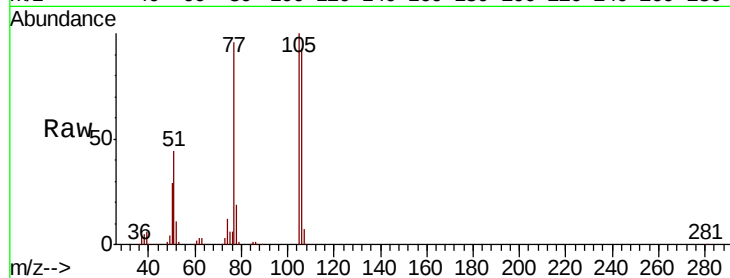
Tot Ion: 77 Resp: 112557

Ion Ratio Lower Upper

77 100

105 104.3 85.4 125.4

106 97.1 79.5 119.5

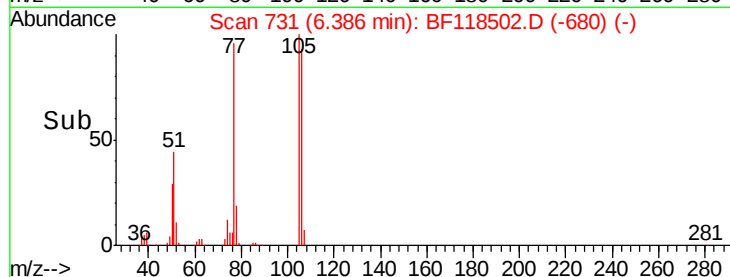


Abundance Ion 77.00 (76.70 to 77.70): BF1

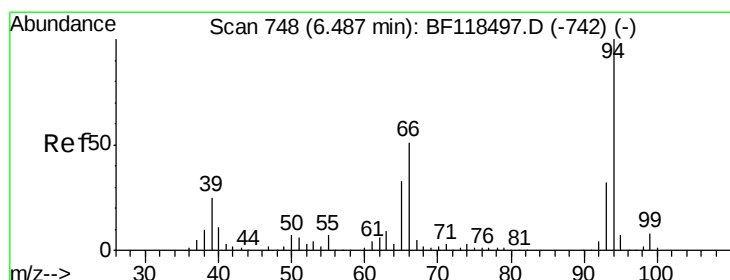
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.39



Time-->



#10

Phenol

Concen: 39.667 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

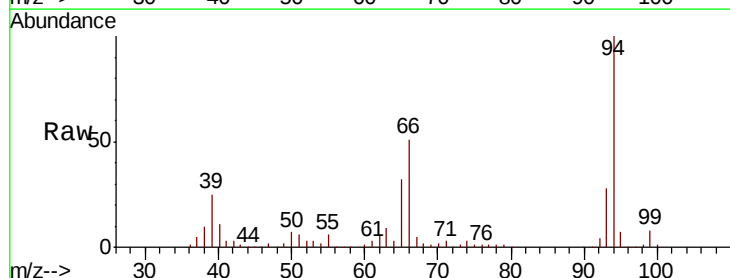
Tgt Ion: 94 Resp: 251582

Ion Ratio Lower Upper

94 100

65 32.2 13.3 53.3

66 50.9 30.9 70.9

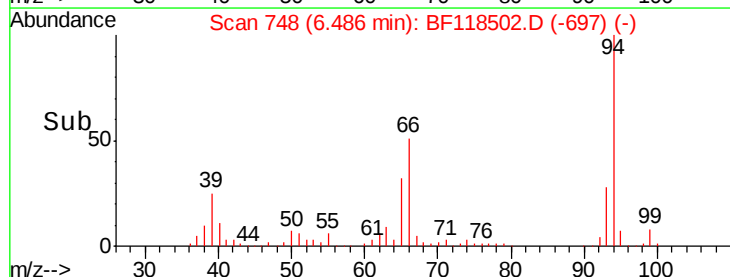


Abundance Ion 94.00 (93.70 to 94.70): BF1

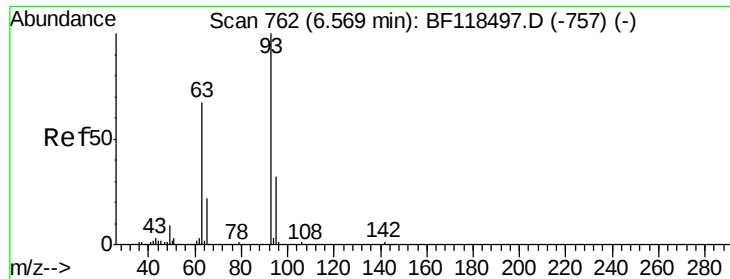
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.49



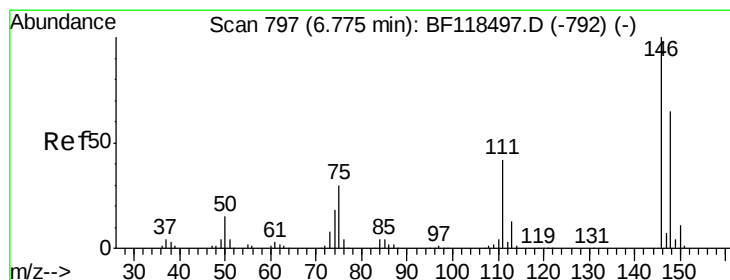
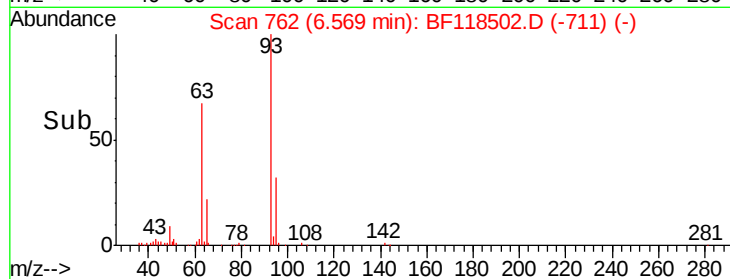
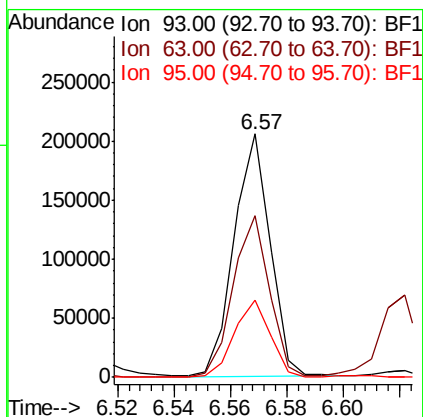
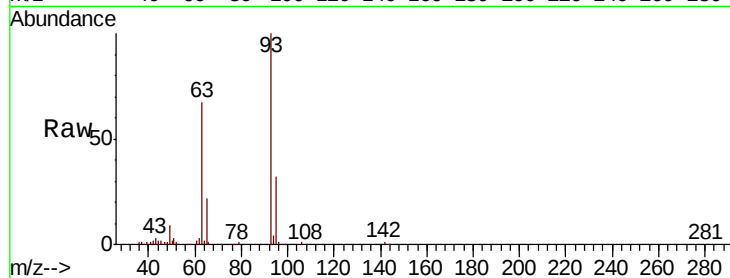
Time-->



#11
 bis(2-Chloroethyl)ether
 Concen: 40.106 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

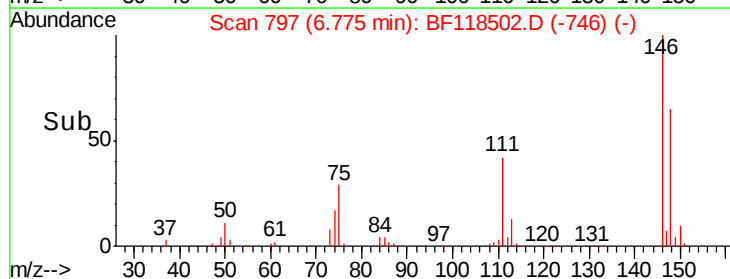
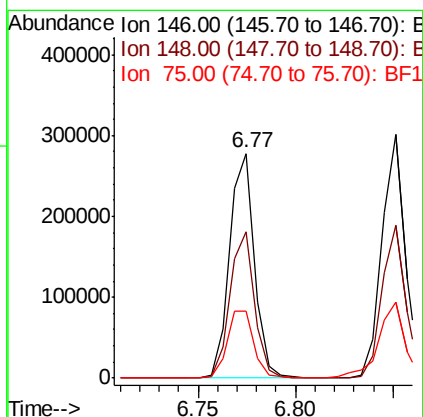
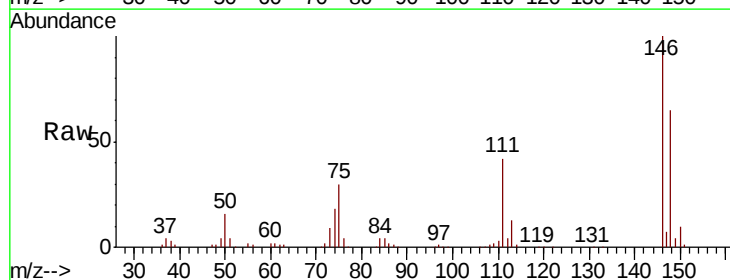
Instrument :
 BNA_F
 ClientSampleId :

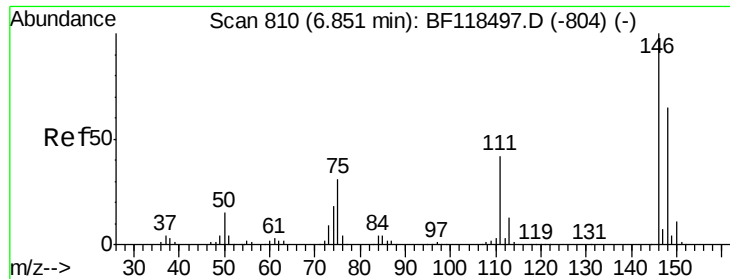
Tot Ion: 93 Resp: 181349
 Ion Ratio Lower Upper
 93 100
 63 66.5 46.6 86.6
 95 31.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 40.013 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion: 146 Resp: 244839
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.4 78.6
 75 29.7 24.1 36.1

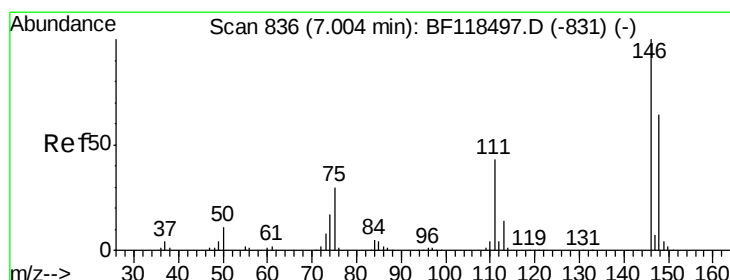
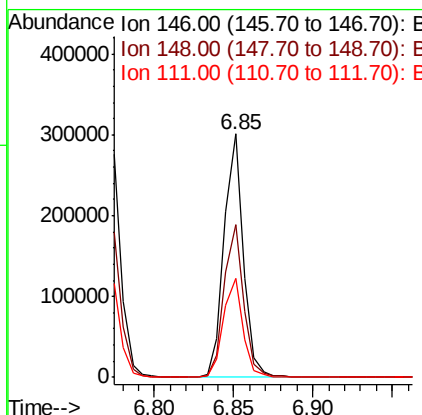
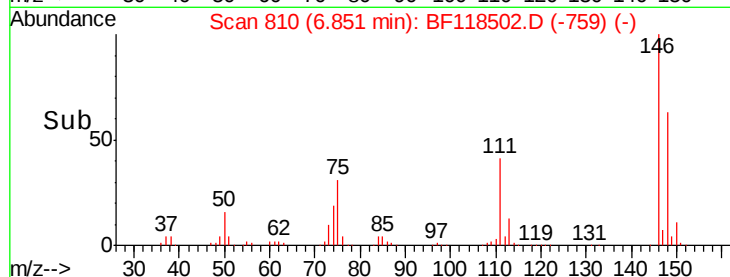
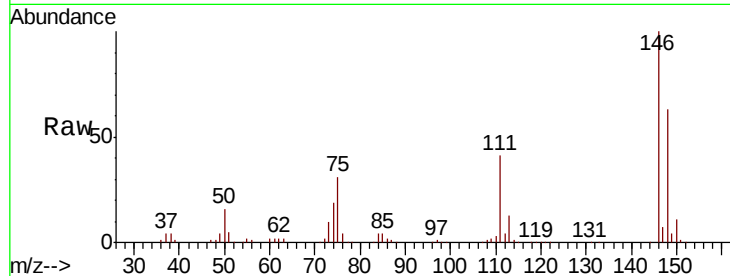




#13
 1,4-Dichlorobenzene
 Concen: 40.528 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

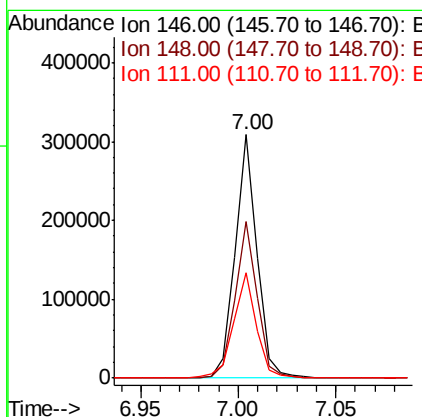
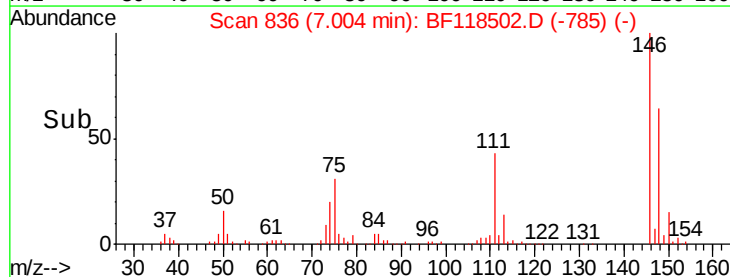
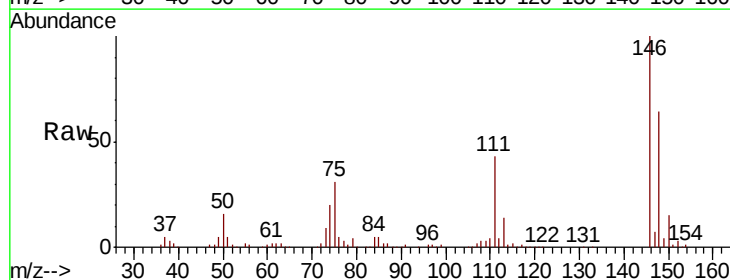
Instrument :
 BNA_F
 ClientSampleId :

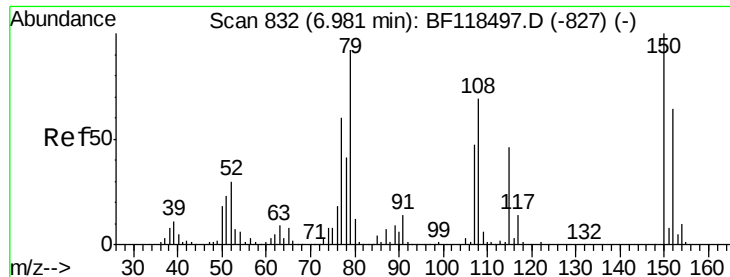
Tot Ion:146 Resp: 253036
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 40.9 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 39.747 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion:146 Resp: 239808
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.3 76.9
 111 43.4 34.7 52.1

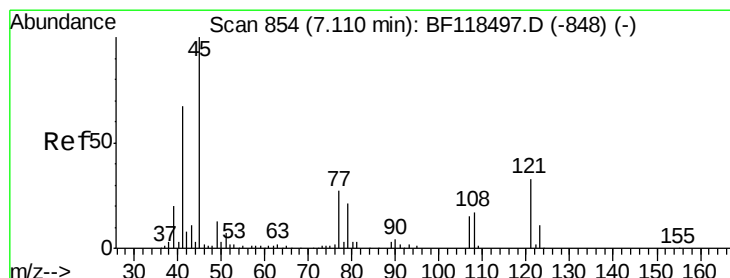
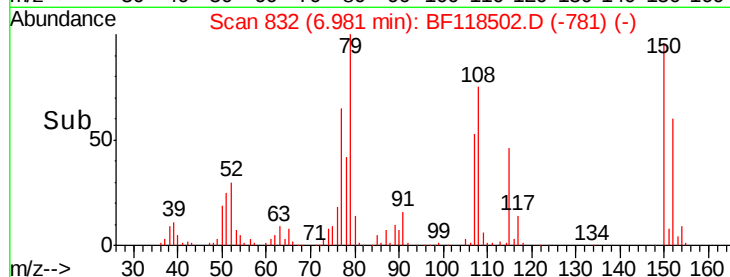
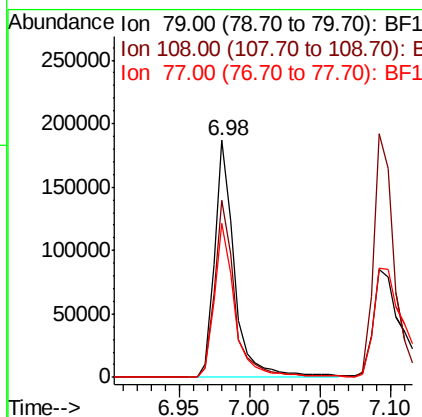
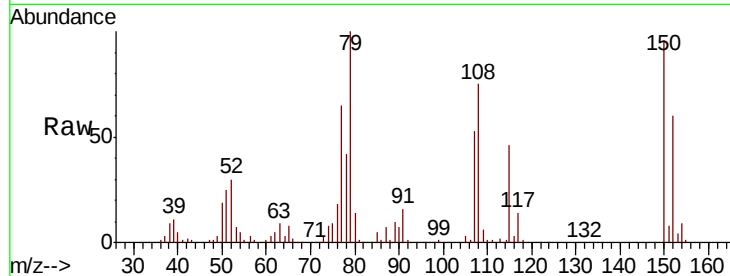




#15
Benzyl Alcohol
Concen: 39.463 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

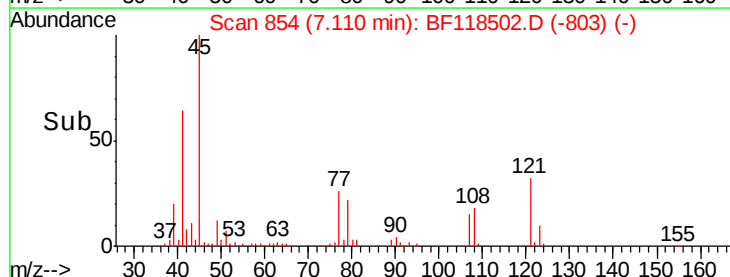
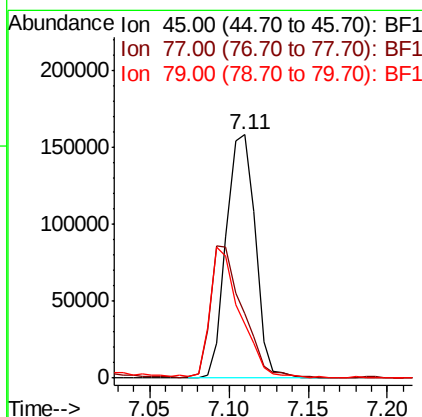
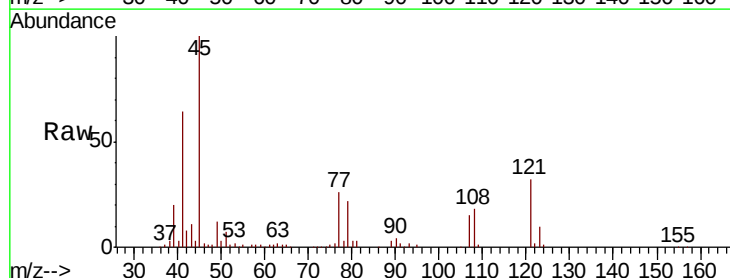
Instrument :
BNA_F
ClientSampled :

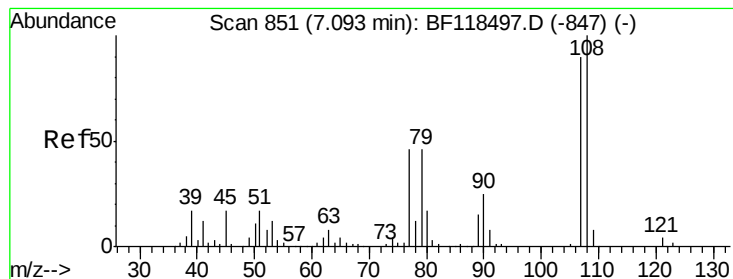
Tot Ion: 79 Resp: 183223
Ion Ratio Lower Upper
79 100
108 74.8 60.2 90.2
77 64.9 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.302 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion: 45 Resp: 202154
Ion Ratio Lower Upper
45 100
77 26.4 7.6 47.6
79 22.4 2.0 42.0

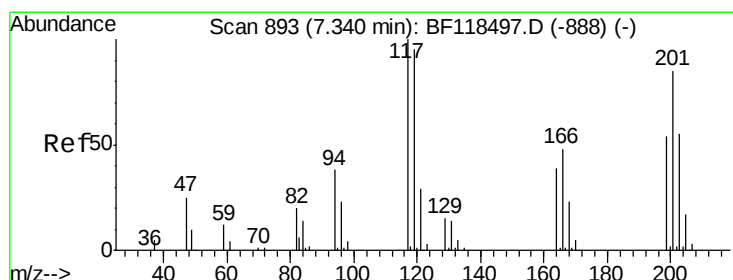
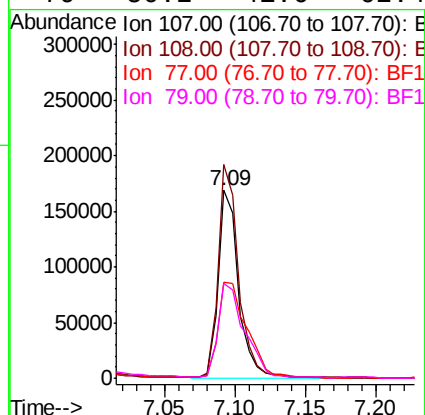
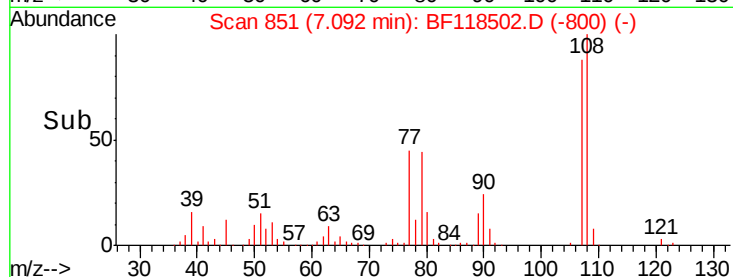
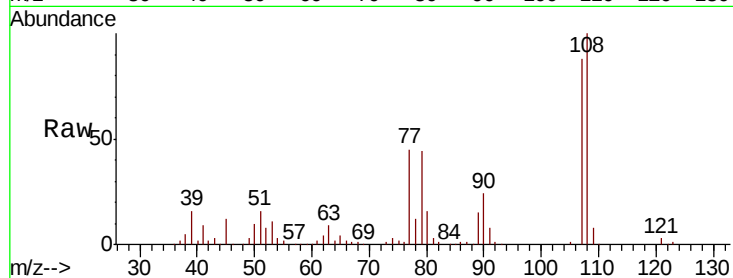




#17
2-Methylphenol
Concen: 39.122 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

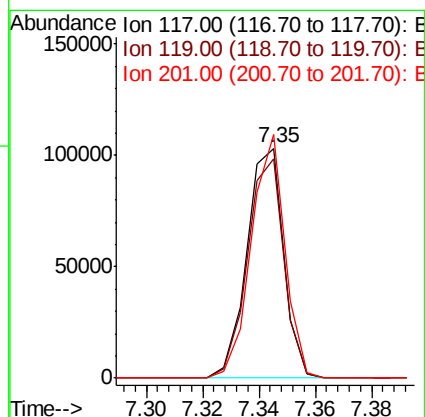
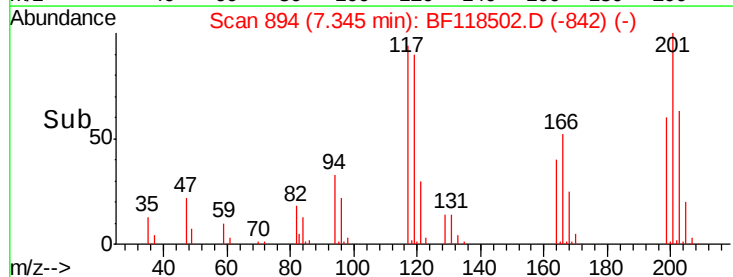
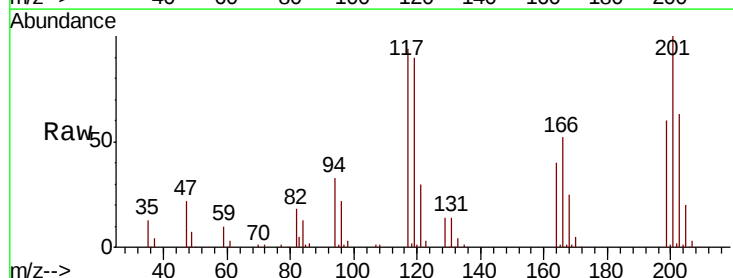
Instrument :
BNA_F
ClientSampled :

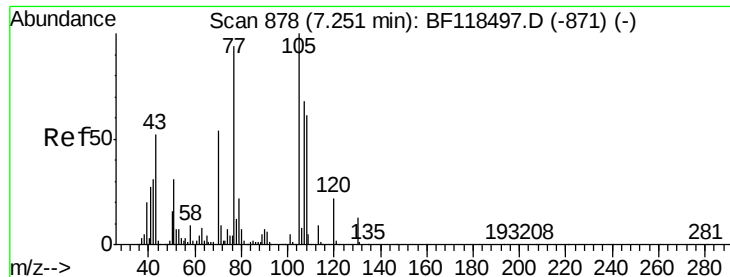
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	88.9	133.3
77	51.1	41.2	61.8
79	50.2	41.6	62.4



#18
Hexachloroethane
Concen: 39.234 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.4
201	106.0	67.7	101.5#

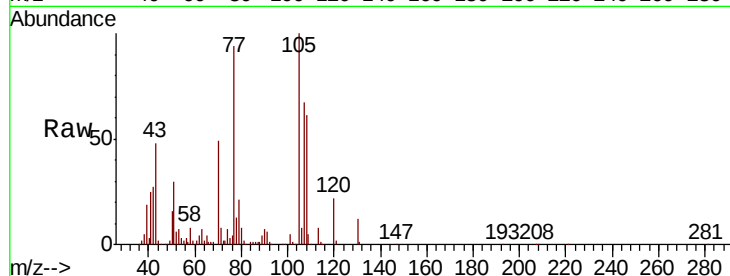




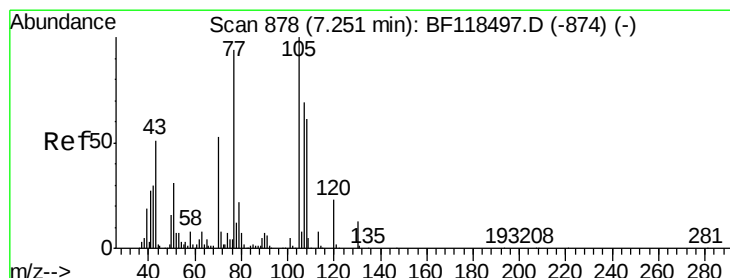
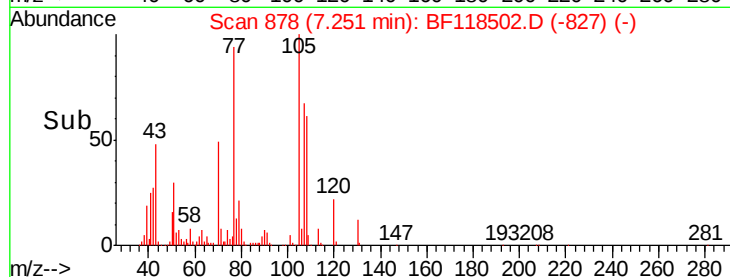
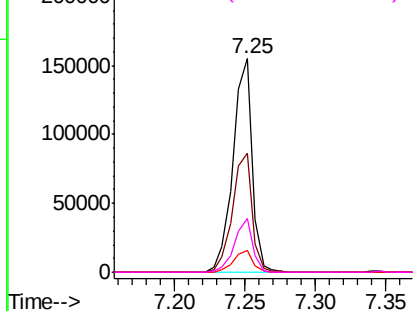
#19
n-Nitroso-di-n-propylamine
Concen: 39.788 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 146680
Ion Ratio Lower Upper
70 100
42 55.8 45.6 68.4
101 10.3 8.2 12.2
130 24.9 19.2 28.8



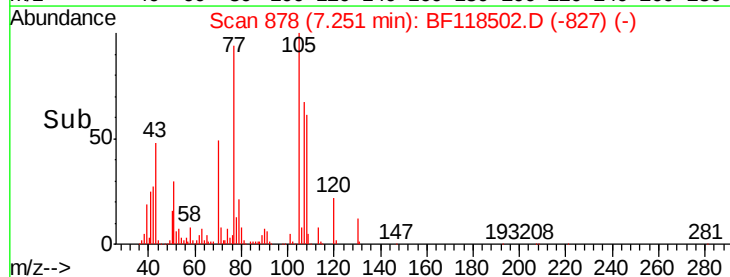
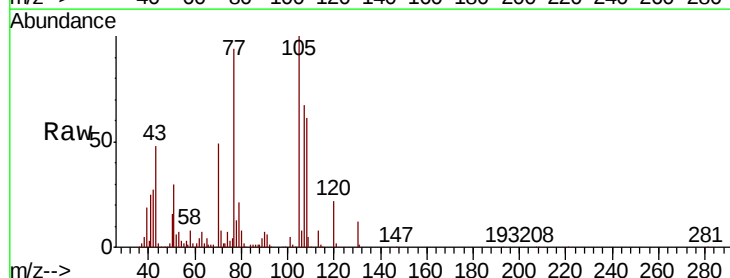
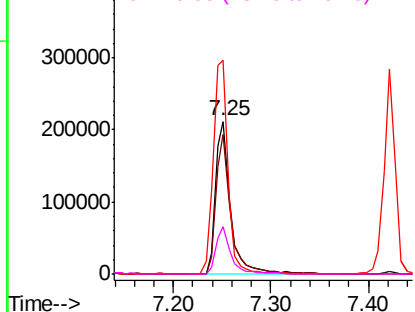
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

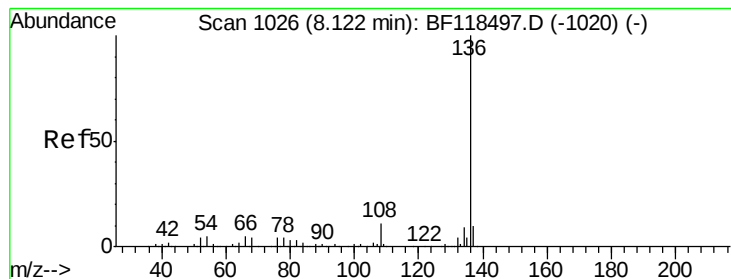


#20
3+4-Methylphenols
Concen: 38.573 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion: 107 Resp: 225081
Ion Ratio Lower Upper
107 100
108 91.2 68.9 108.9
77 139.7 116.8 156.8
79 31.1 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# 1026

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 319652

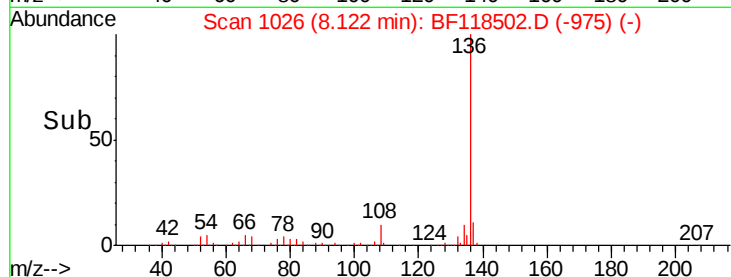
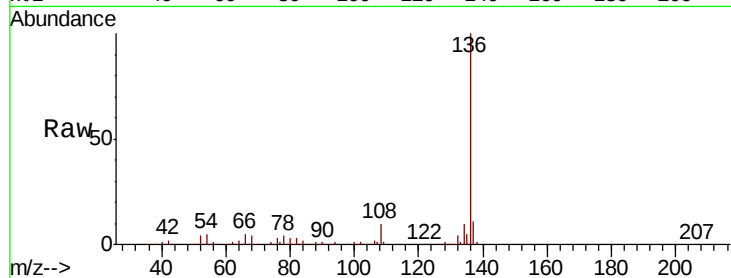
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 5.2 4.2 6.2

68 3.9 3.3 4.9

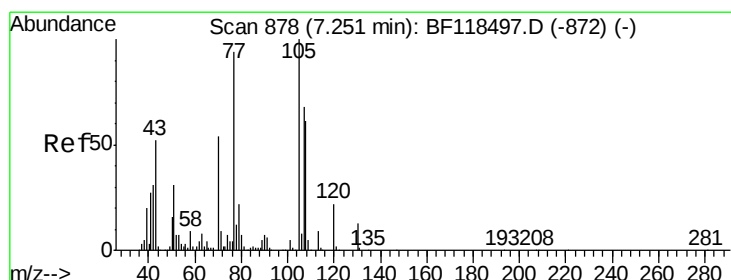
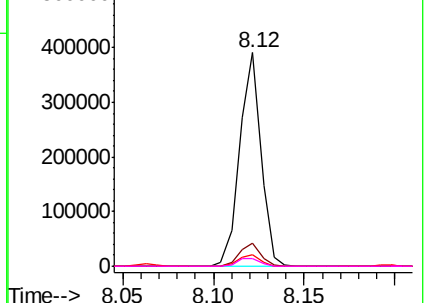


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.491 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Tgt Ion:105 Resp: 319975

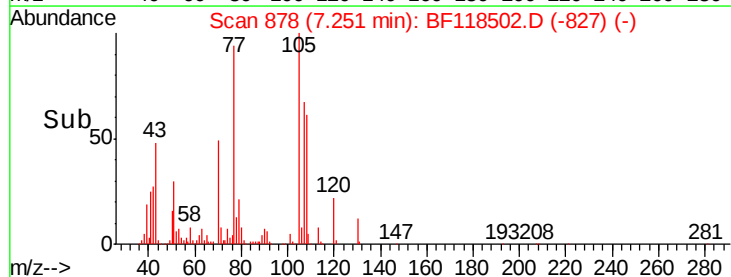
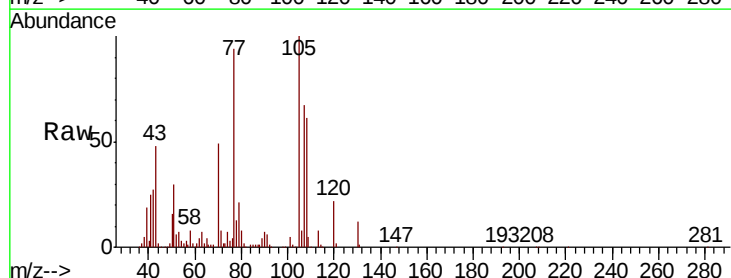
Ion Ratio Lower Upper

105 100

71 8.0 6.9 10.3

51 30.0 25.0 37.4

120 21.7 18.0 27.0

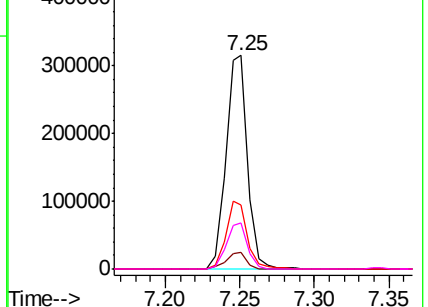


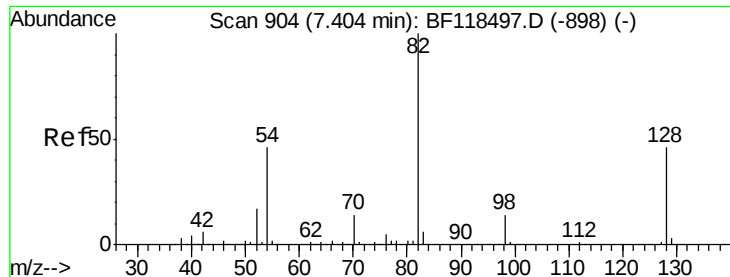
Abundance Ion 105.00 (104.70 to 105.70): E

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

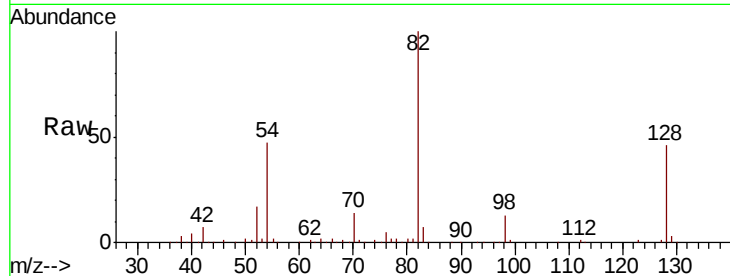




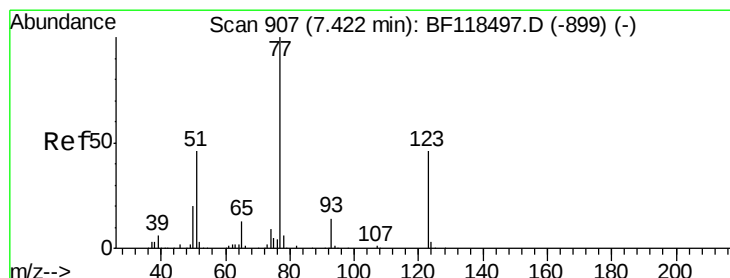
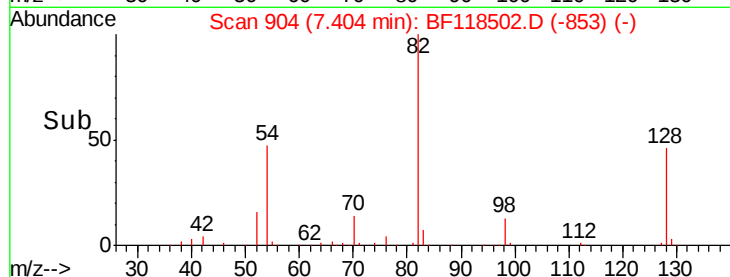
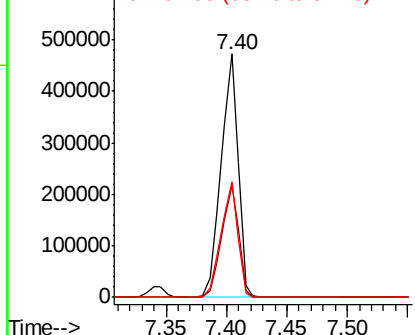
#23
 Nitrobenzene-d5
 Concen: 75.349 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 458497
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.6 54.8
 54 47.3 37.0 55.6

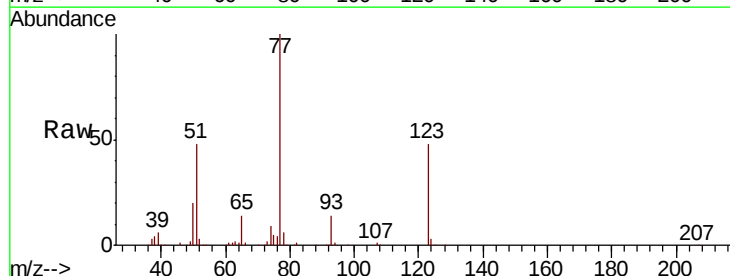


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

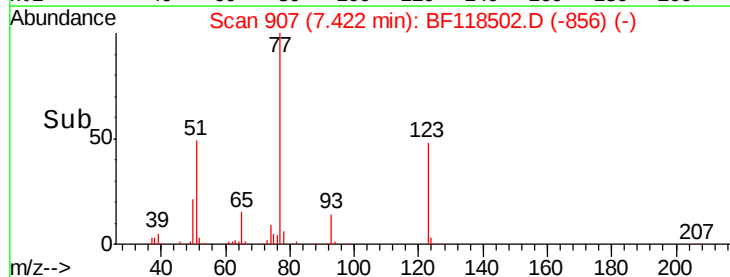
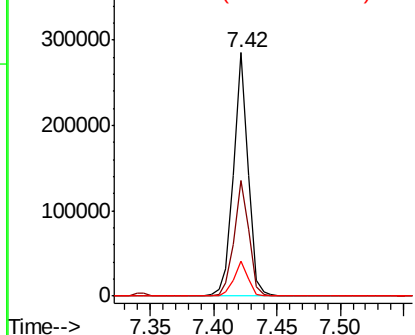


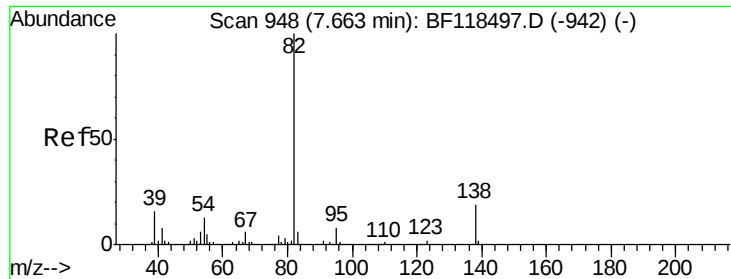
#24
 Nitrobenzene
 Concen: 37.358 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion: 77 Resp: 226040
 Ion Ratio Lower Upper
 77 100
 123 47.7 37.0 55.4
 65 14.3 10.7 16.1



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





#25

Isophorone

Concen: 39.339 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampled :

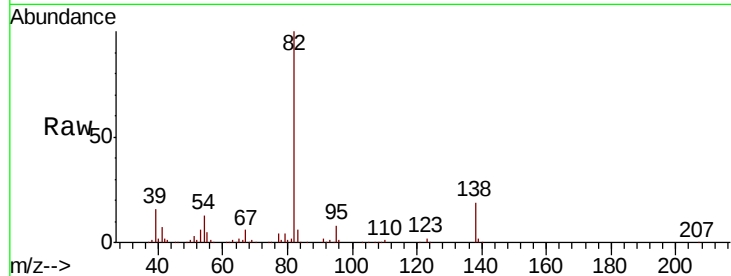
Tot Ion: 82 Resp: 383483

Ion Ratio Lower Upper

82 100

95 8.5 6.6 9.8

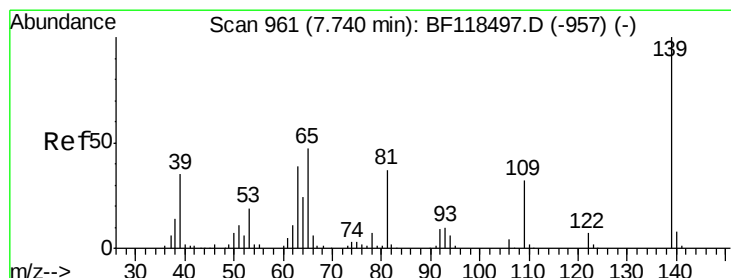
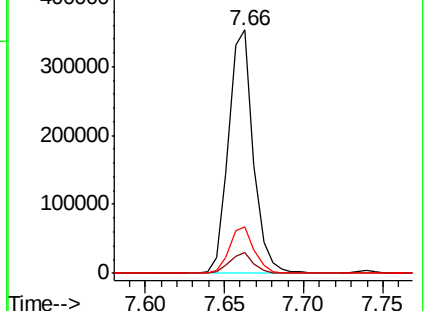
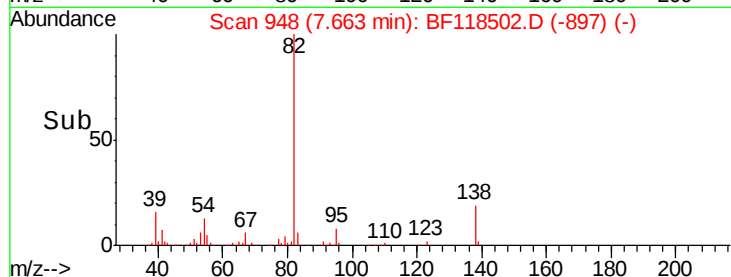
138 19.3 15.4 23.2



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: 39.731 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

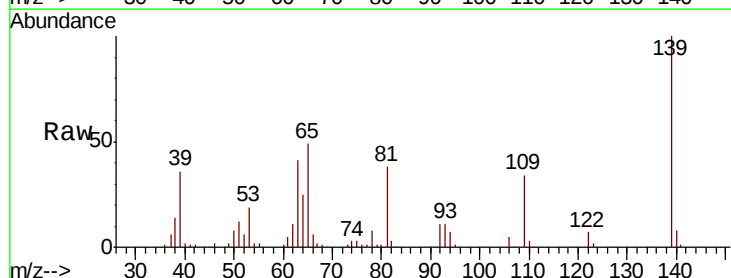
Tgt Ion: 139 Resp: 118693

Ion Ratio Lower Upper

139 100

109 34.5 25.7 38.5

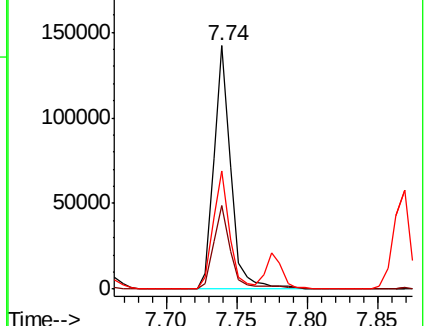
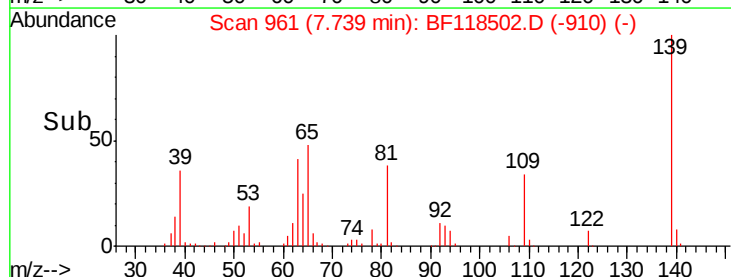
65 48.8 37.8 56.6

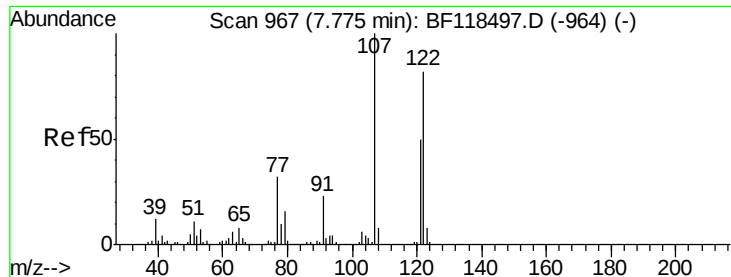


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.960 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampled :

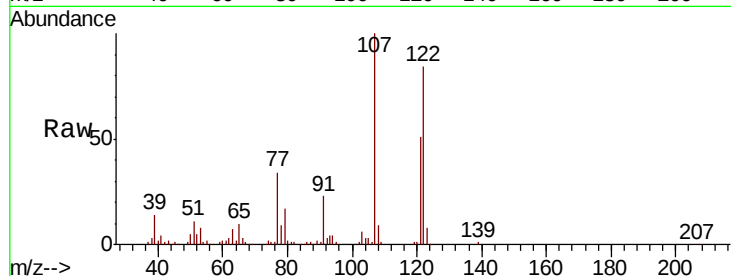
Tot Ion:122 Resp: 156522

Ion Ratio Lower Upper

122 100

107 118.5 97.9 146.9

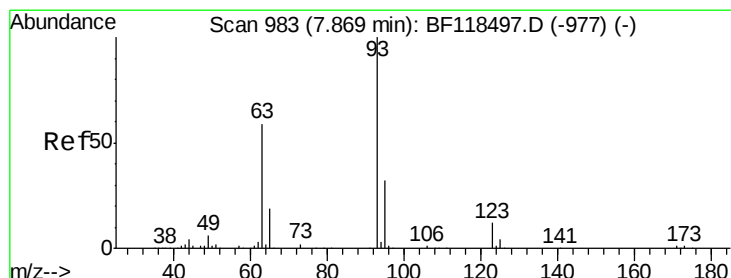
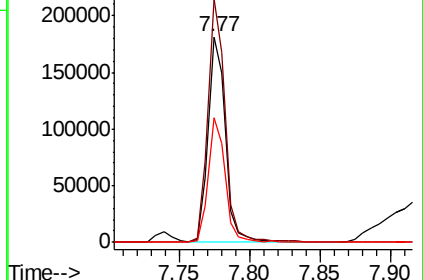
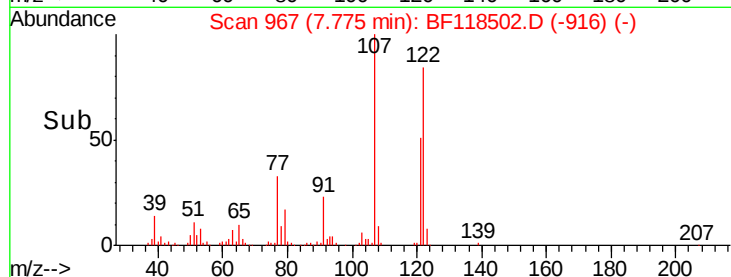
121 60.4 49.0 73.4



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: 38.242 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

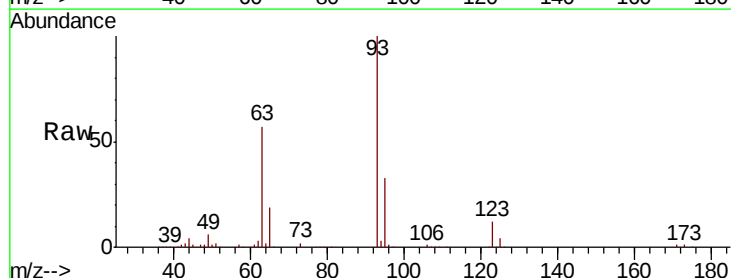
Tgt Ion: 93 Resp: 245092

Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

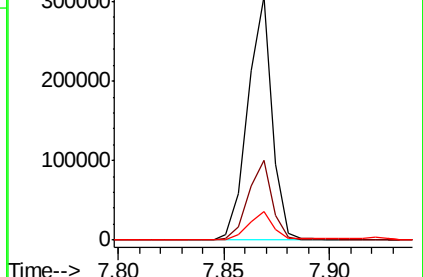
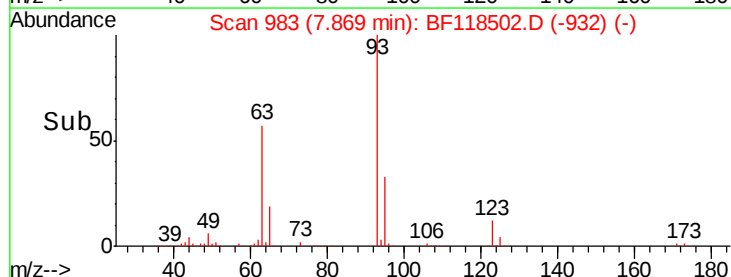
123 11.9 9.7 14.5

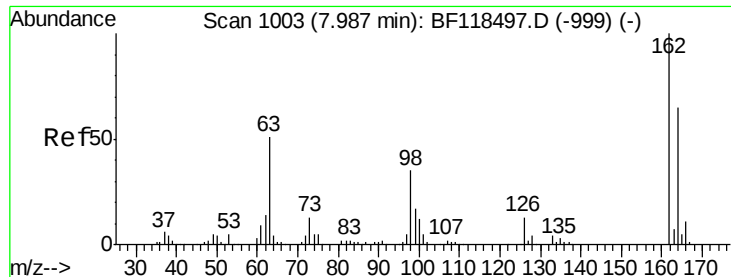


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

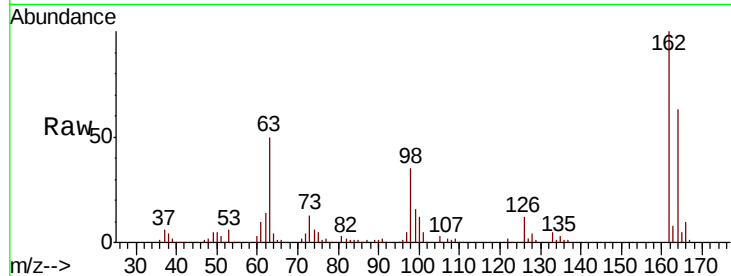




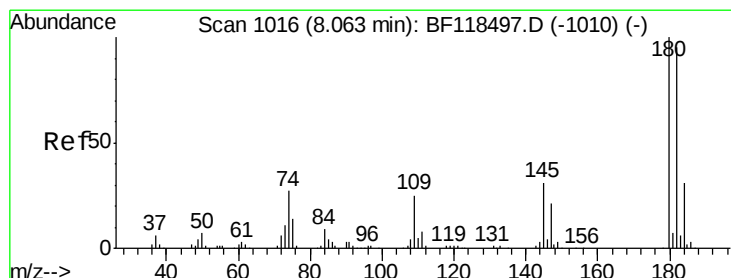
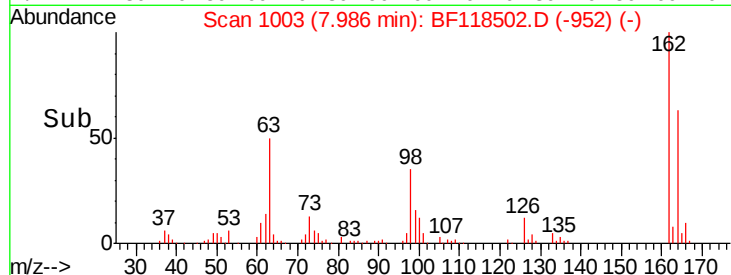
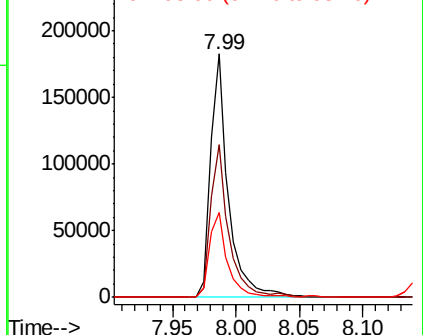
#29
 2,4-Dichlorophenol
 Concen: 38.424 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.8	84.8
98	34.9	15.1	55.1

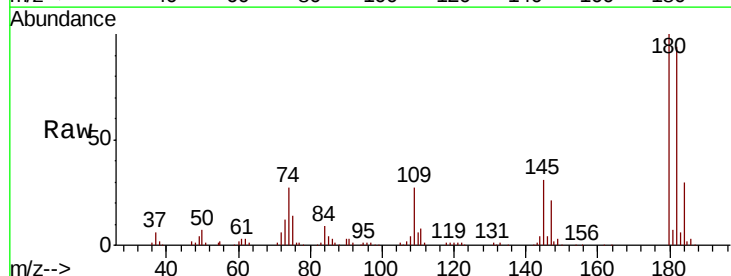


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

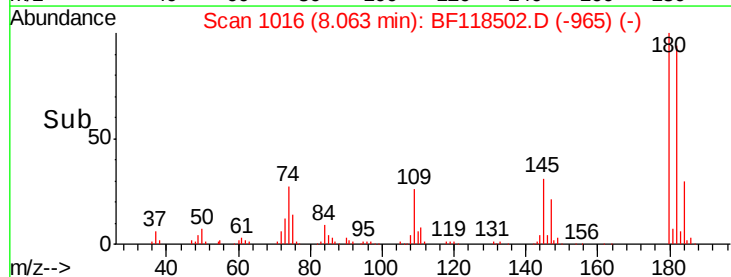
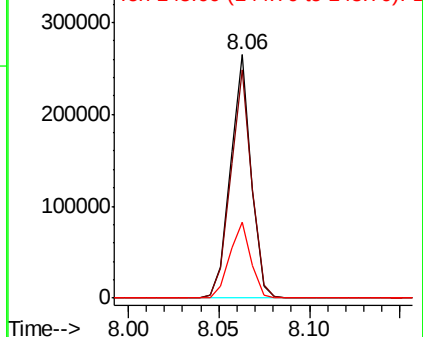


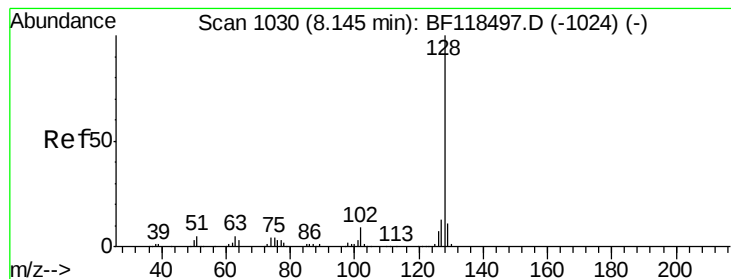
#30
 1,2,4-Trichlorobenzene
 Concen: 38.466 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	31.4	25.0	37.6



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





#31

Naphthalene

Concen: 38.616 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

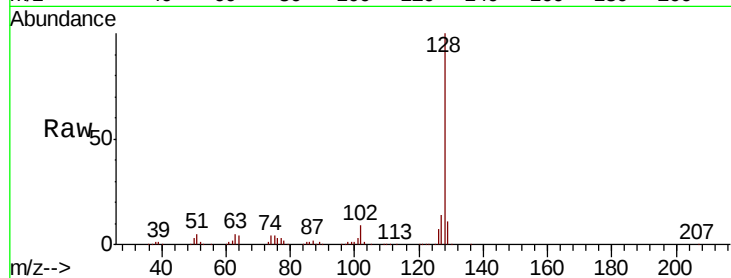
Tot Ion:128 Resp: 645672

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

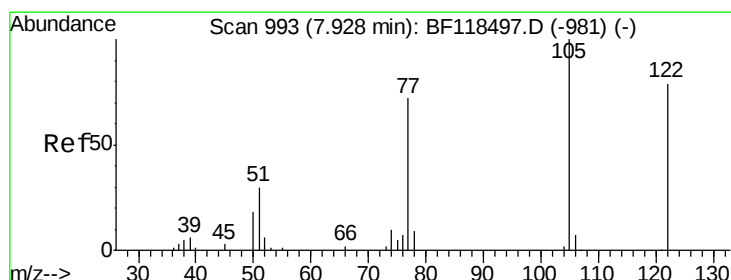
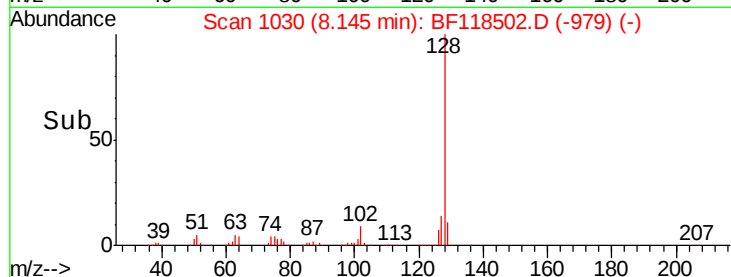
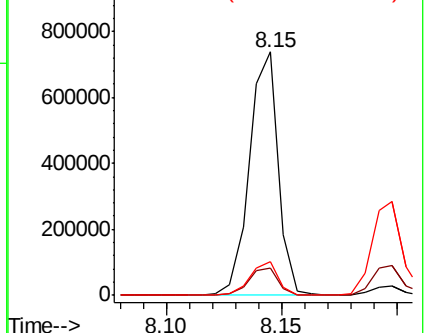
127 13.7 10.7 16.1



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: 32.886 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

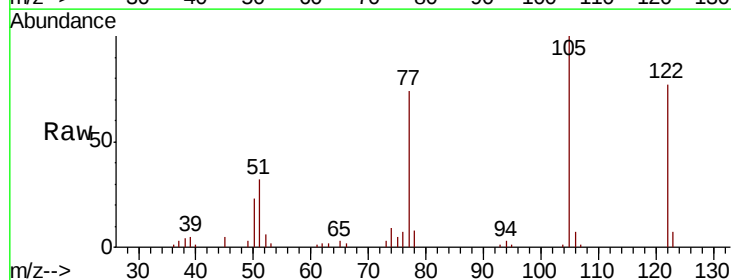
Tgt Ion:122 Resp: 84457

Ion Ratio Lower Upper

122 100

105 129.4 105.7 145.7

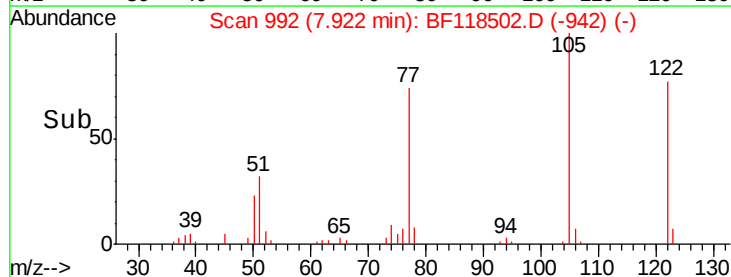
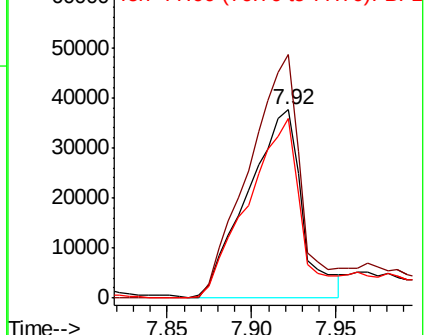
77 95.5 71.0 111.0

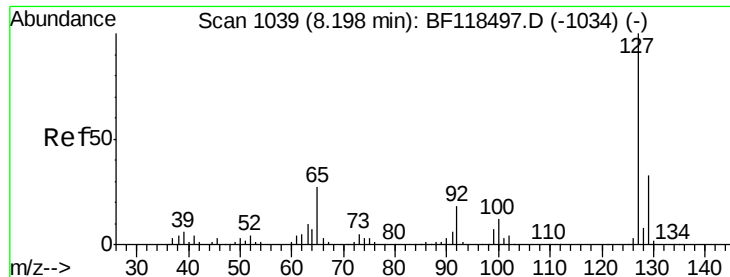


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

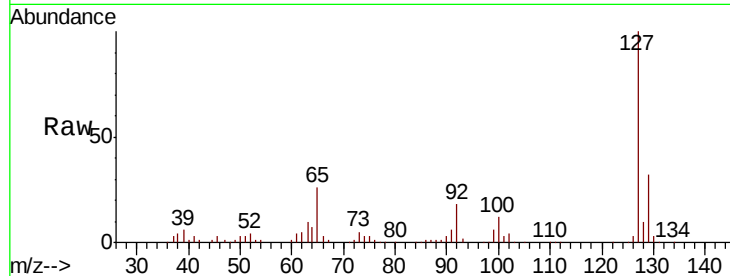




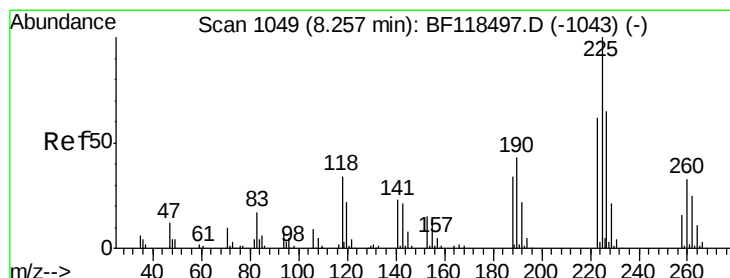
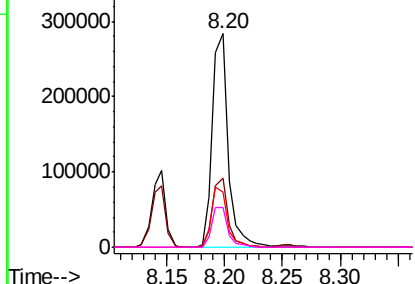
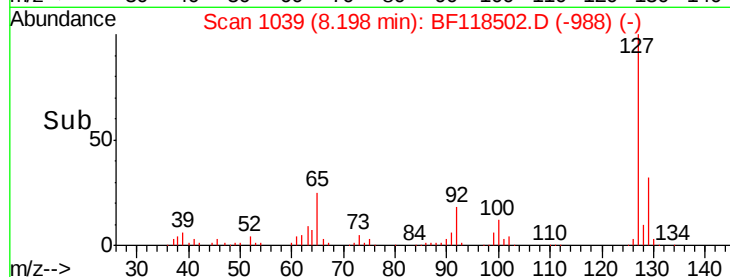
#33
4-Chloroaniline
Concen: 39.254 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	270209
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	25.8	21.6	32.4
92	18.3	14.3	21.5

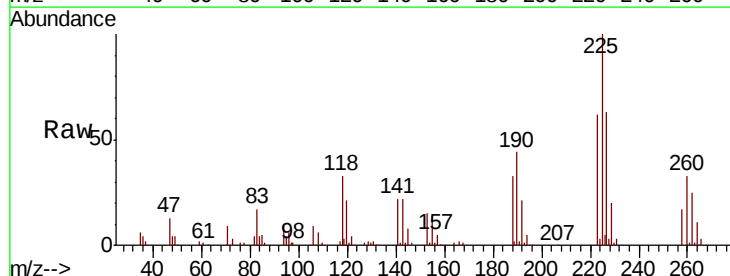


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

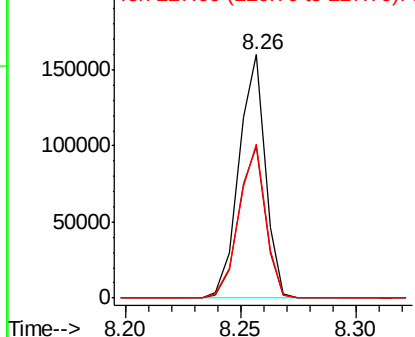
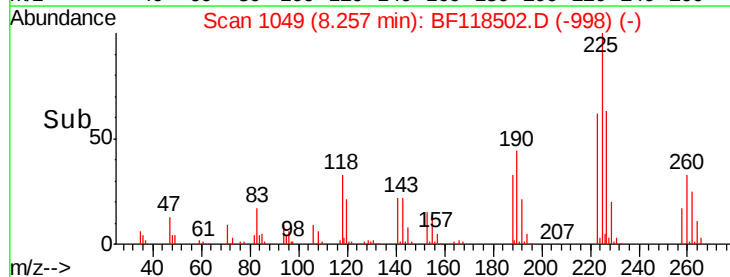


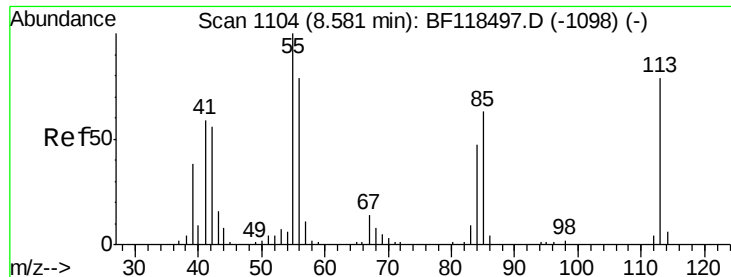
#34
Hexachlorobutadiene
Concen: 38.295 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:	225	Resp:	128069
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	63.2	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

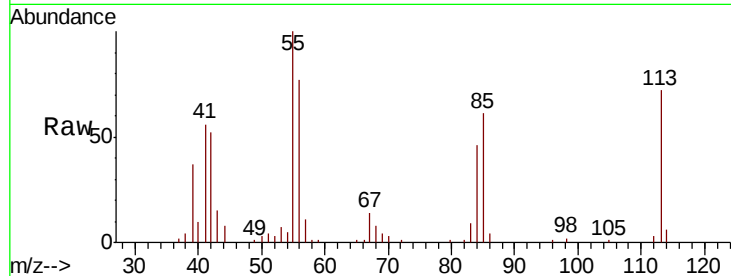




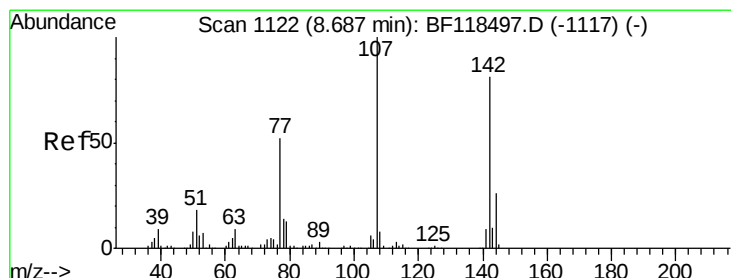
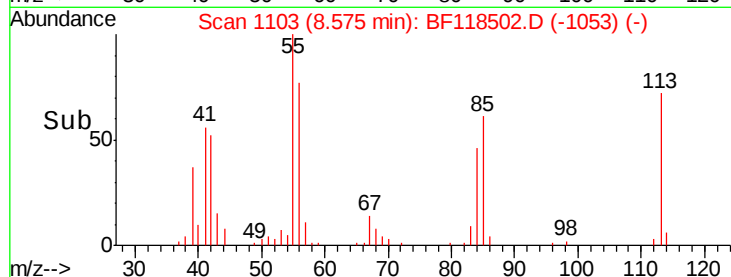
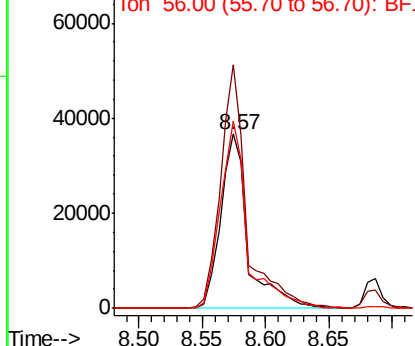
#35
Caprolactam
Concen: 38.665 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 54634
Ion Ratio Lower Upper
113 100
55 139.7 106.5 146.5
56 107.7 80.1 120.1

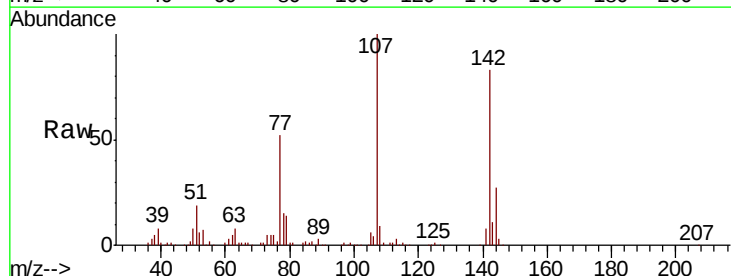


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

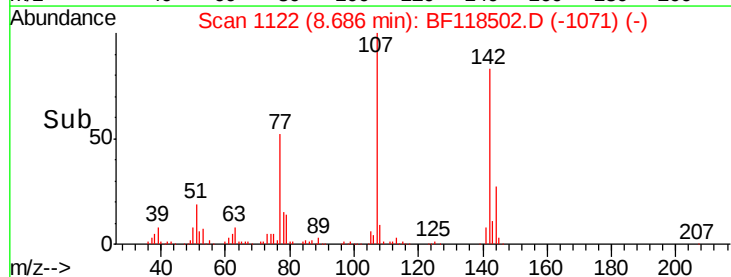
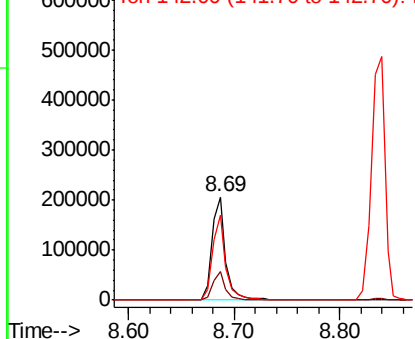


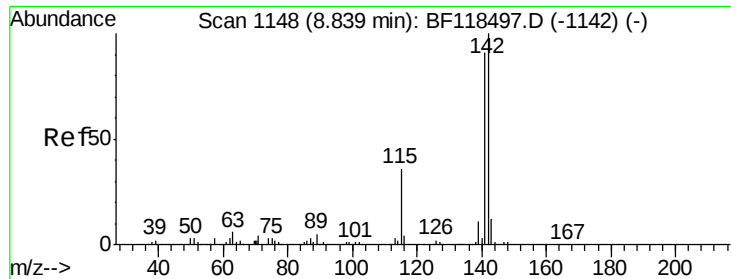
#36
4-Chloro-3-methylphenol
Concen: 37.395 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:107 Resp: 188579
Ion Ratio Lower Upper
107 100
144 27.5 20.6 31.0
142 82.5 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

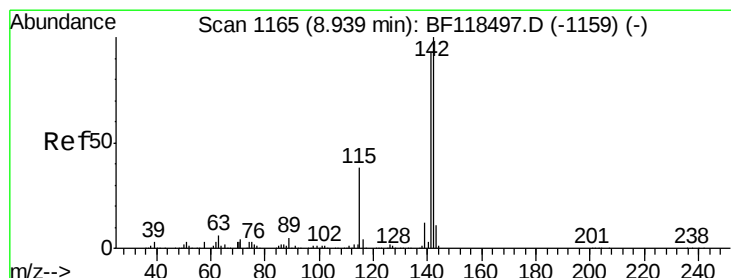
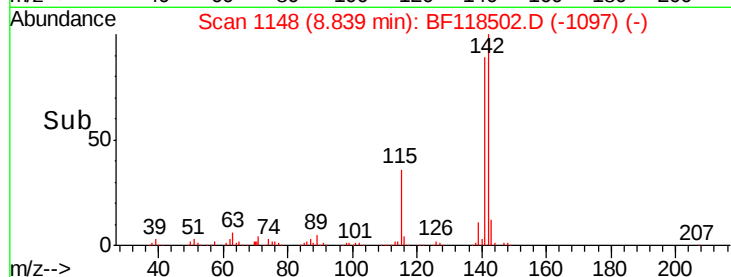
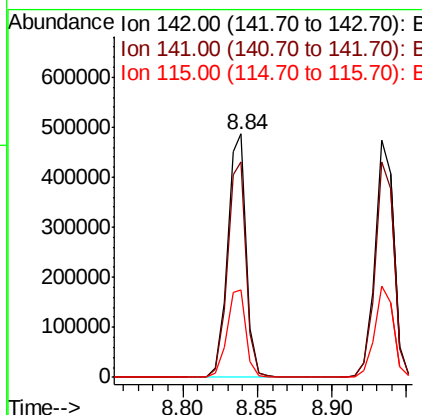
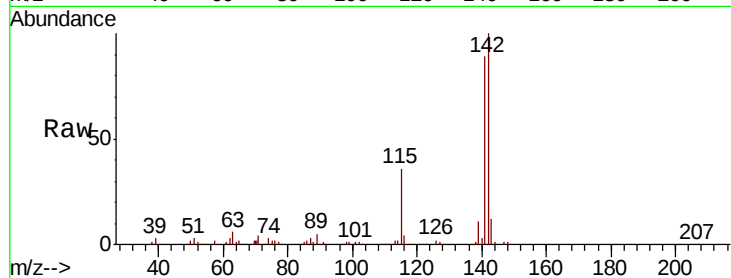




#37
 2-Methylnaphthalene
 Concen: 37.617 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

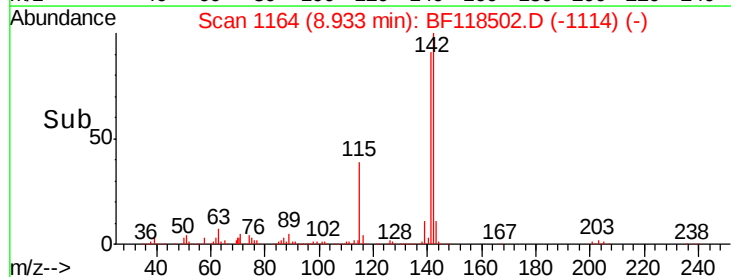
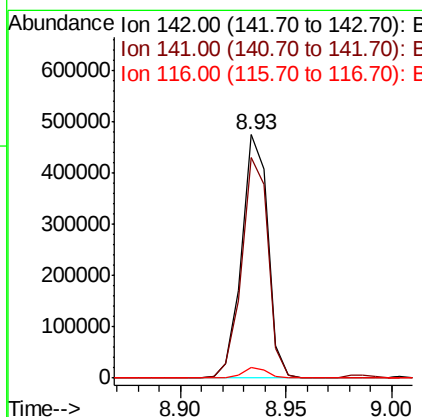
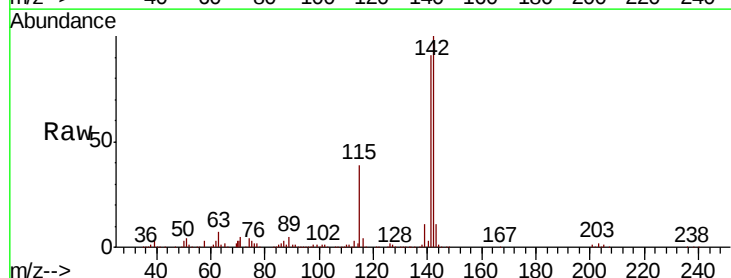
Instrument :
 BNA_F
 ClientSampleId :

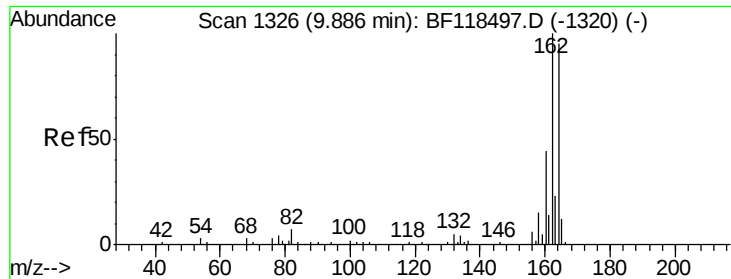
Tot Ion:142 Resp: 431670
 Ion Ratio Lower Upper
 142 100
 141 88.6 73.0 109.6
 115 35.9 28.4 42.6



#38
 1-Methylnaphthalene
 Concen: 37.738 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion:142 Resp: 406601
 Ion Ratio Lower Upper
 142 100
 141 90.8 74.3 111.5
 116 4.1 3.2 4.8

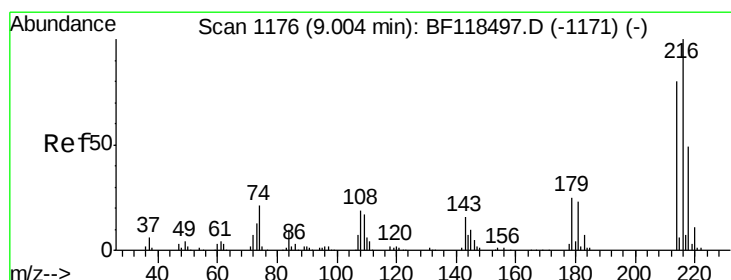
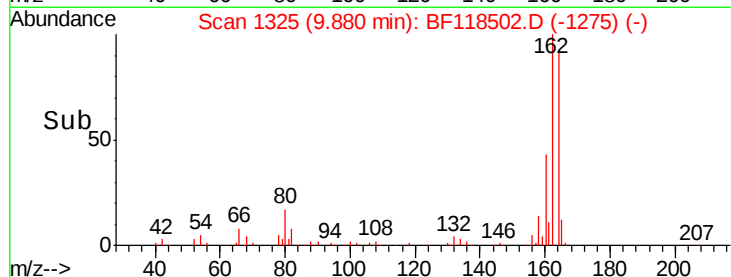
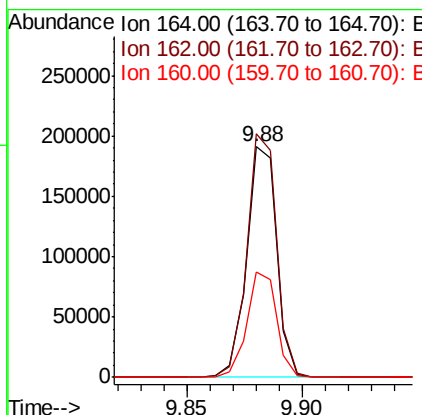
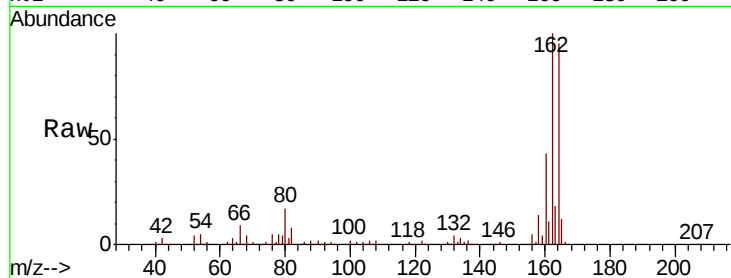




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

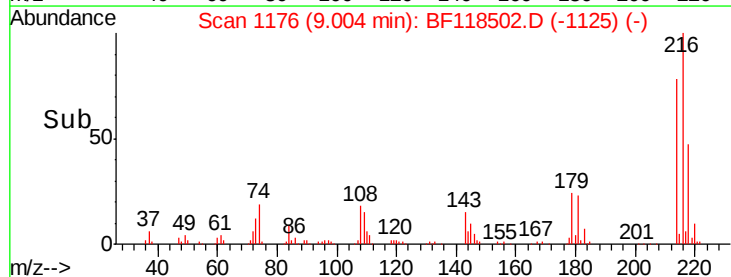
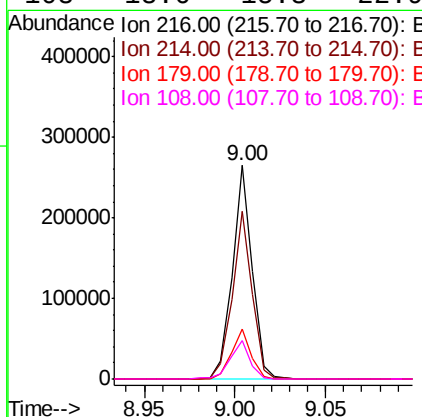
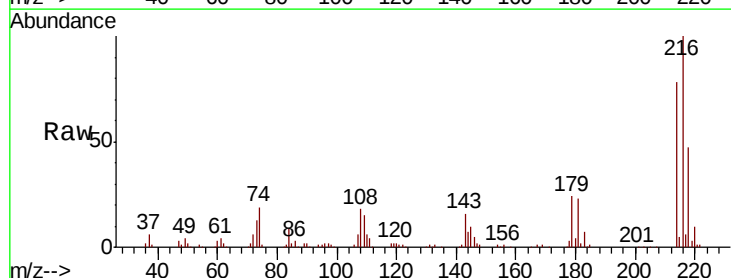
Instrument :
 BNA_F
 ClientSampled :

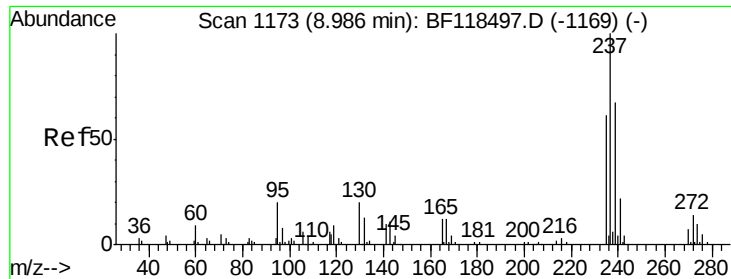
Tot Ion:164 Resp: 174210
 Ion Ratio Lower Upper
 164 100
 162 105.8 84.2 126.4
 160 45.7 36.8 55.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.543 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion:216 Resp: 200955
 Ion Ratio Lower Upper
 216 100
 214 78.5 62.4 93.6
 179 23.5 18.7 28.1
 108 18.6 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 32.244 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

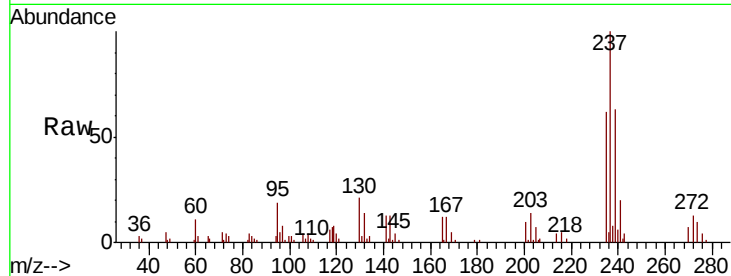
Tot Ion:237 Resp: 32615

Ion Ratio Lower Upper

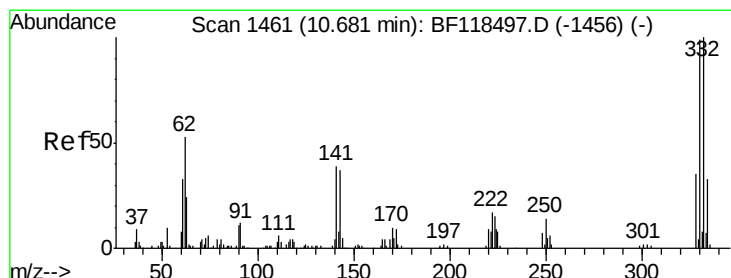
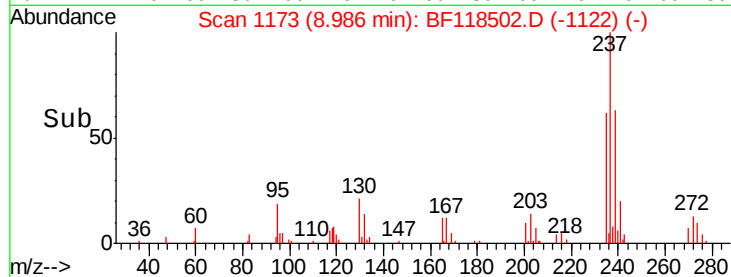
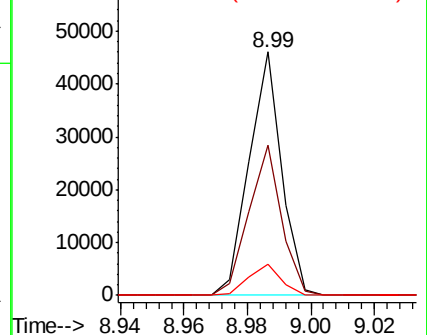
237 100

235 61.8 40.8 80.8

272 12.7 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: 82.467 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

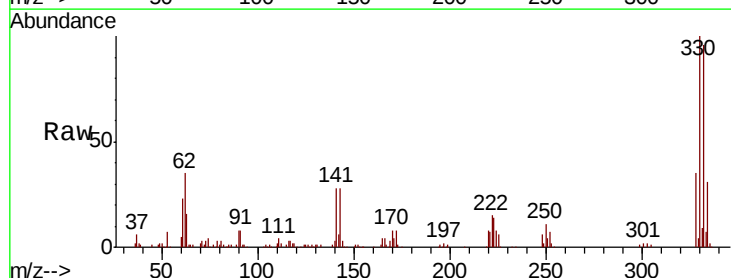
Tgt Ion:330 Resp: 169522

Ion Ratio Lower Upper

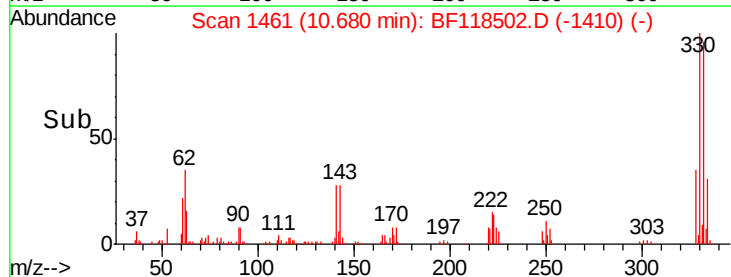
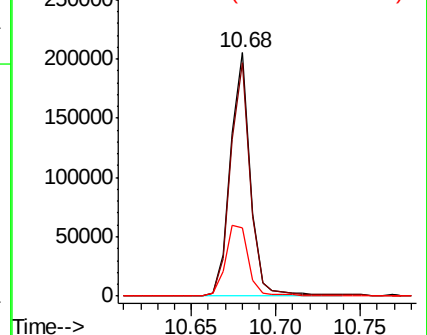
330 100

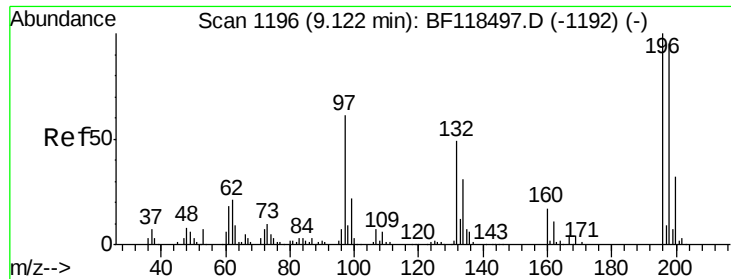
332 97.3 77.9 116.9

141 34.0 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

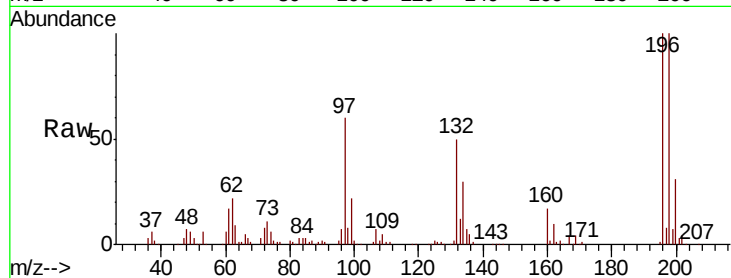




#43
 2,4,6-Trichlorophenol
 Concen: 37.364 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	123586
Ion Ratio	Lower	Upper	
196	100		
198	99.7	76.2	114.4
200	30.6	25.2	37.8

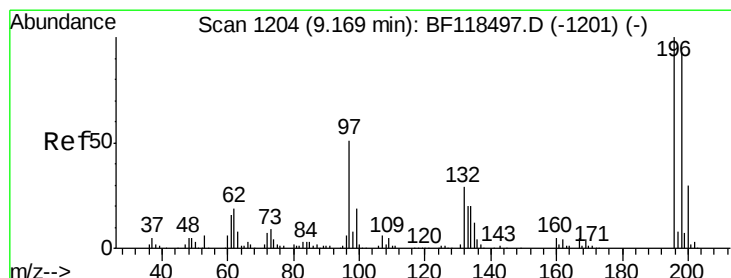
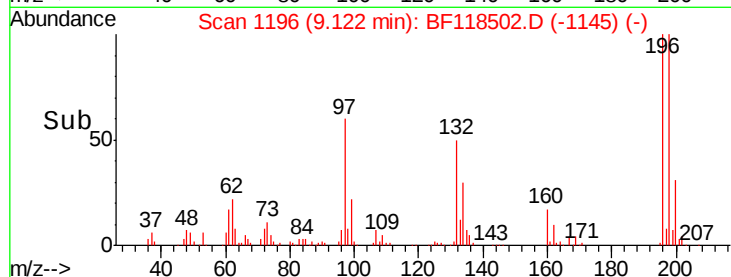
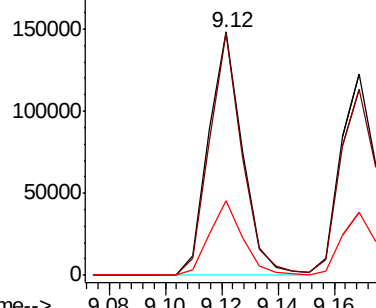


Abundance

Ion 196.00 (195.70 to 196.70): E

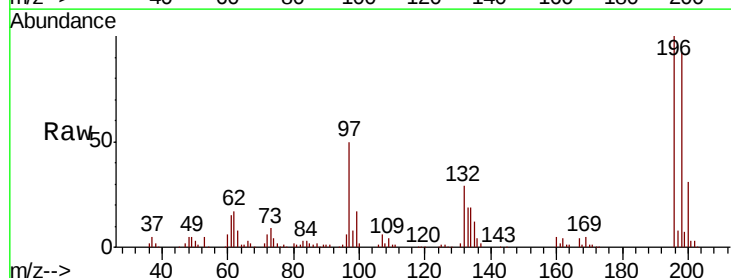
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.929 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion	196	Resp	126402
Ion Ratio	Lower	Upper	
196	100		
198	92.3	74.7	112.1
97	49.7	40.7	61.1
132	28.8	23.7	35.5



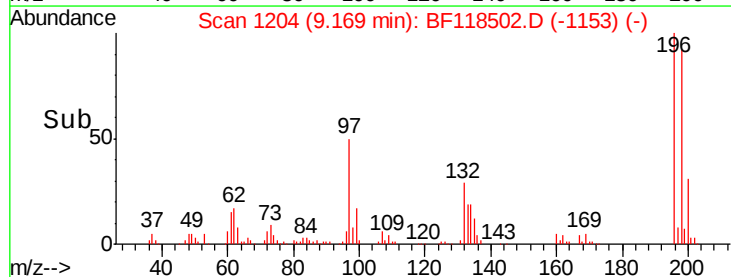
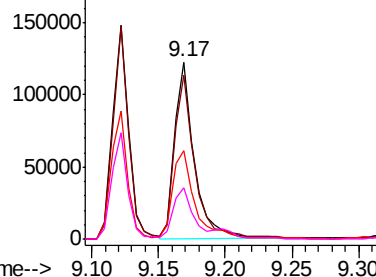
Abundance

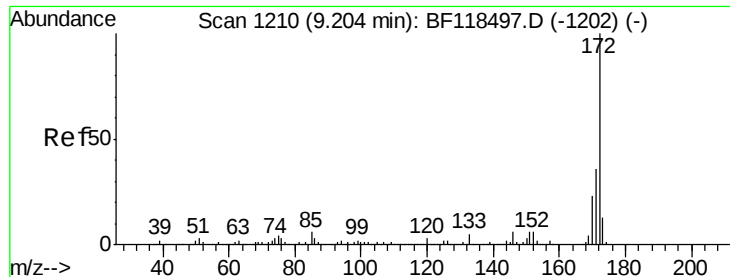
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

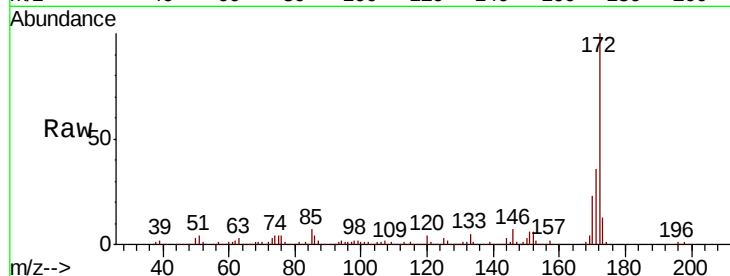




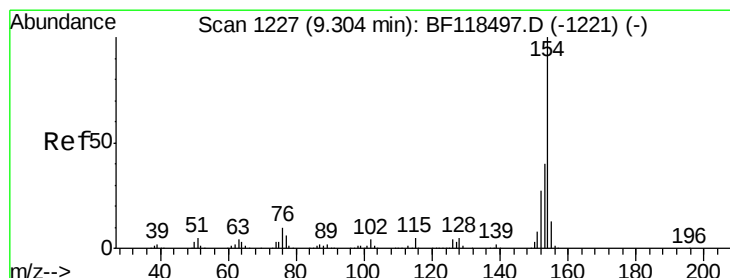
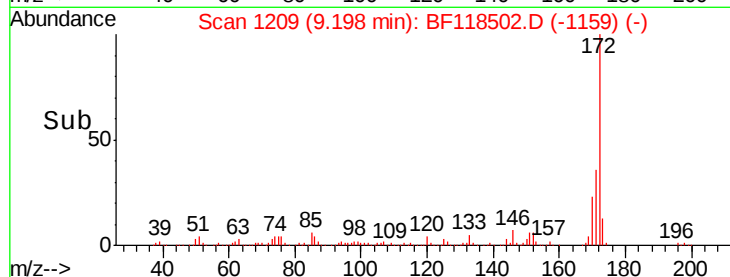
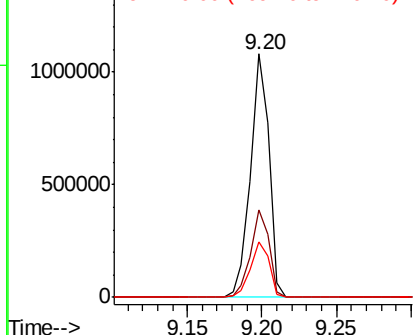
#45
2-Fluorobiphenyl
Concen: 75.958 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleID :

Tot Ion:172 Resp: 922643
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.0 18.6 27.8

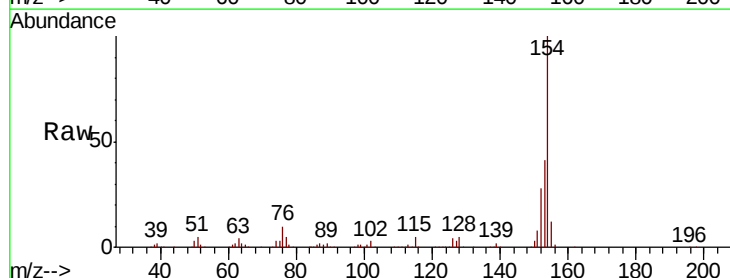


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

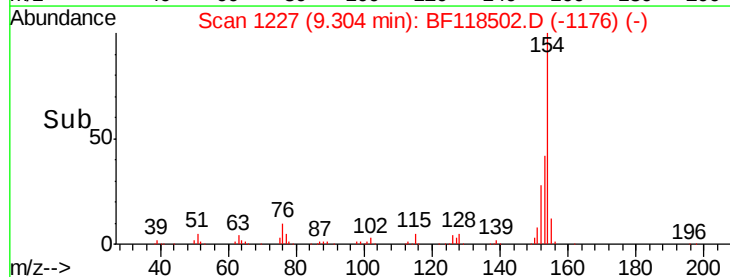
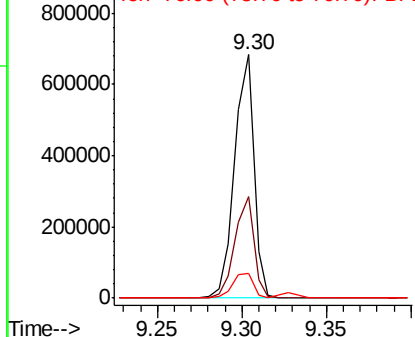


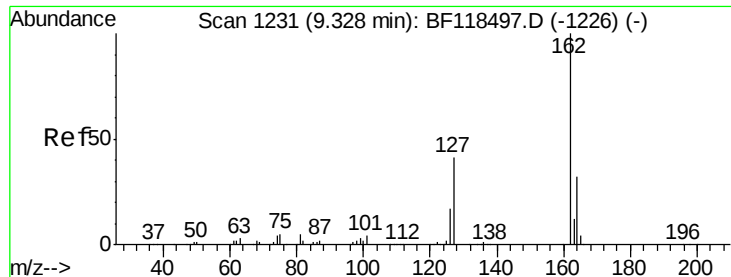
#46
1,1'-Biphenyl
Concen: 38.183 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:154 Resp: 543506
Ion Ratio Lower Upper
154 100
153 41.5 20.2 60.2
76 9.9 0.0 30.4



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

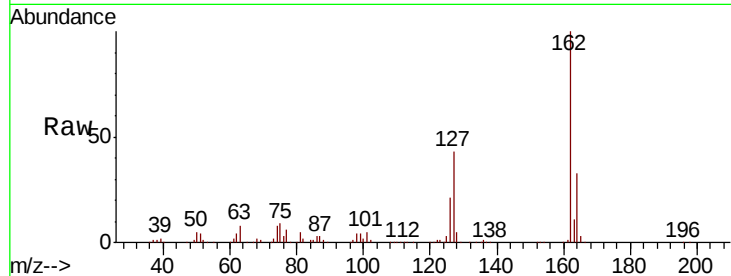




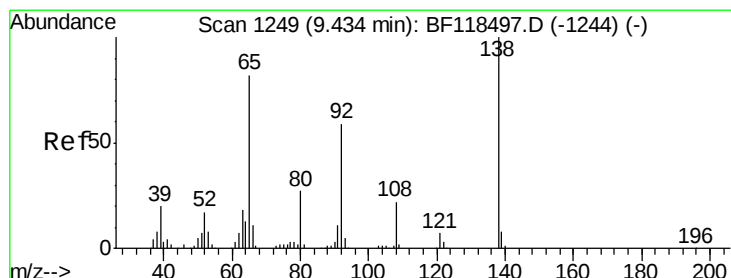
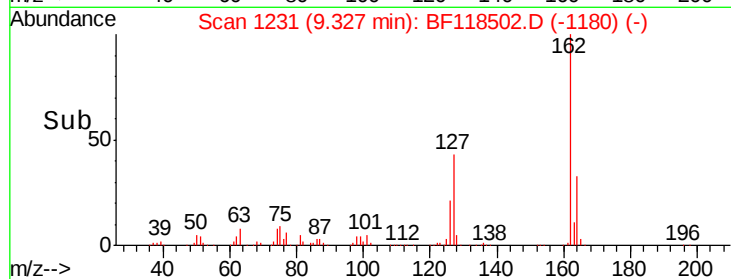
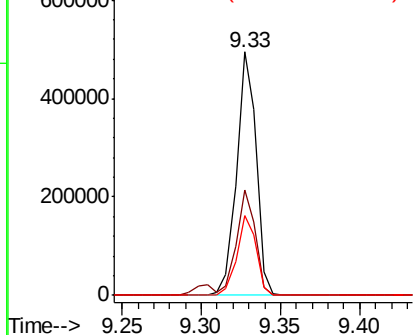
#47
 2-Chloronaphthalene
 Concen: 37.459 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	35.5	53.3
164	32.9	25.8	38.8

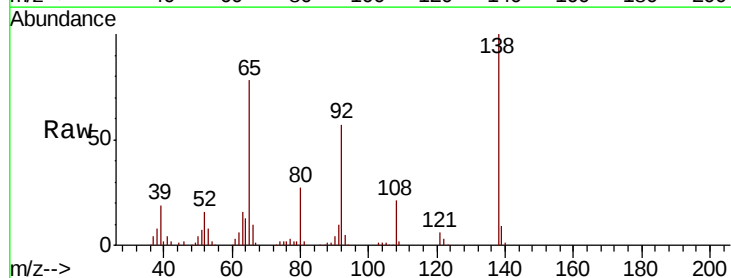


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

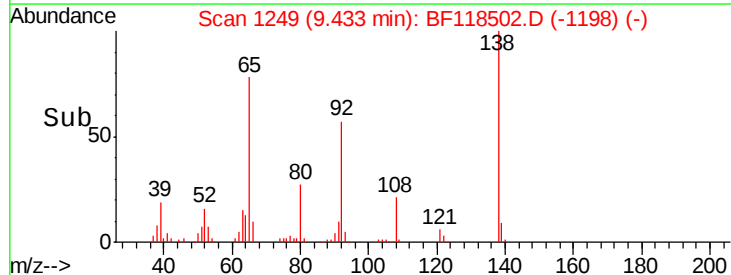
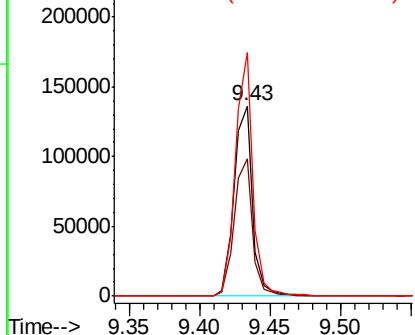


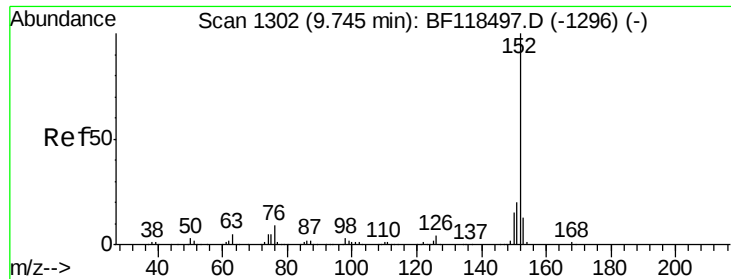
#48
 2-Nitroaniline
 Concen: 38.252 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.7	86.5
138	128.0	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: 38.653 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

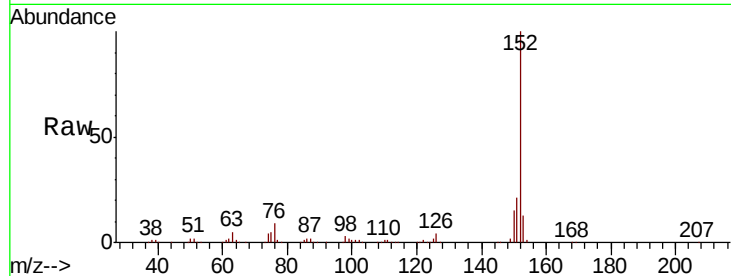
Tot Ion:152 Resp: 648225

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

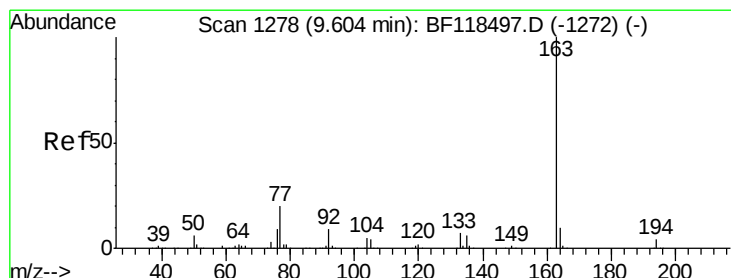
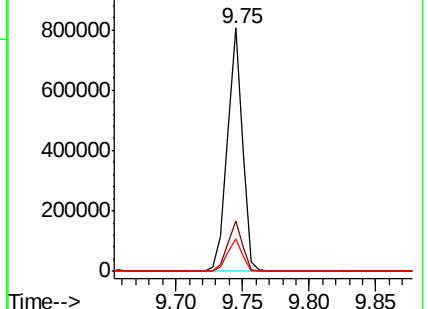
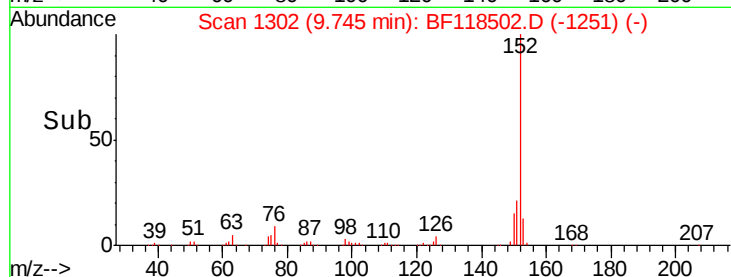
153 13.5 10.6 16.0



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: 37.658 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

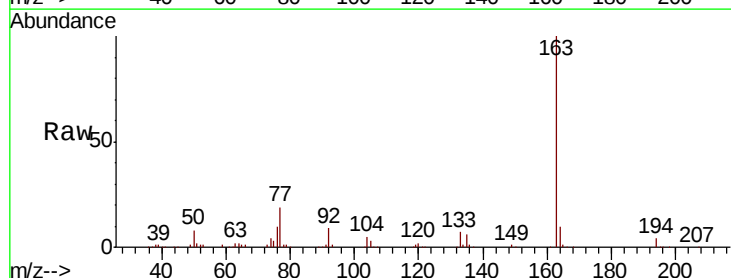
Tgt Ion:163 Resp: 503513

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

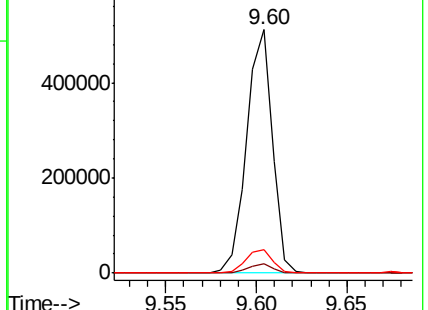
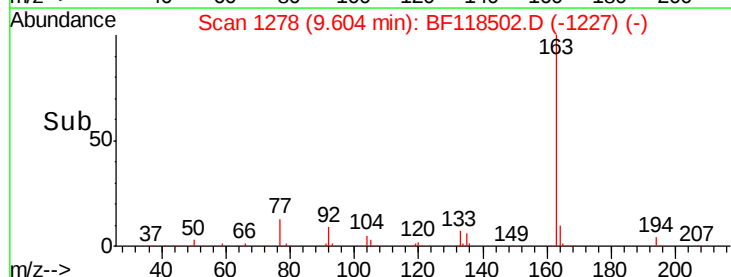
164 9.9 8.1 12.1

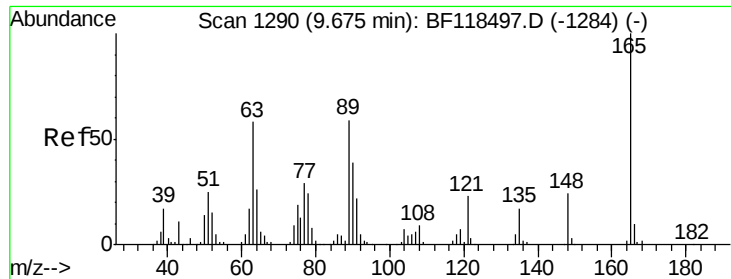


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.687 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampled :

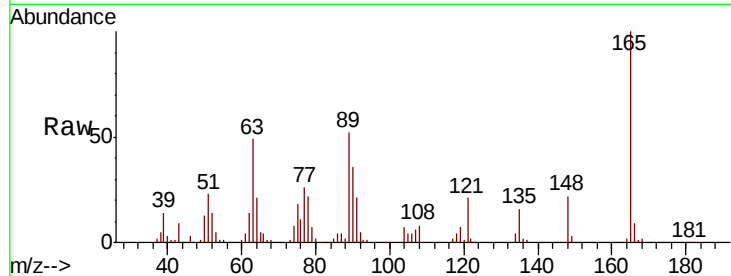
Tot Ion:165 Resp: 108517

Ion Ratio Lower Upper

165 100

63 49.3 46.6 70.0

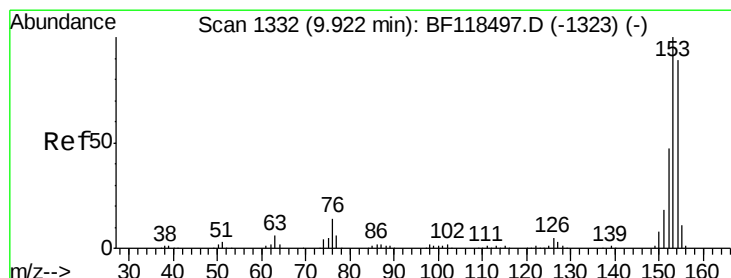
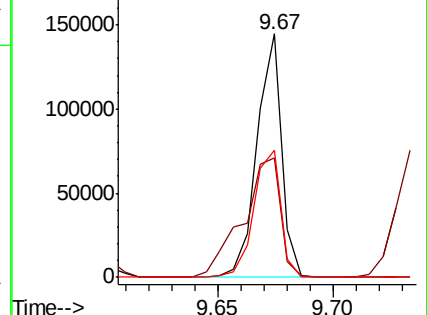
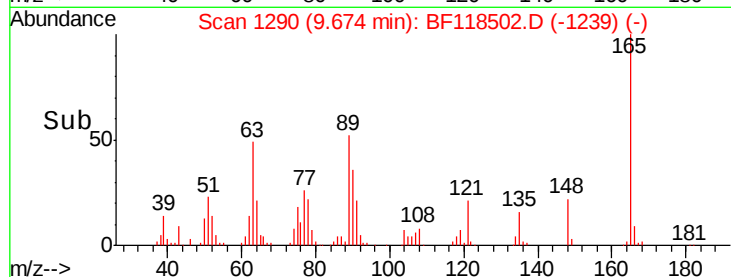
89 52.1 47.5 71.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.285 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

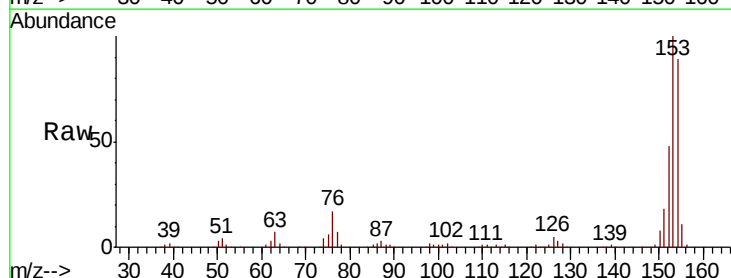
Tgt Ion:154 Resp: 392069

Ion Ratio Lower Upper

154 100

153 112.4 89.7 134.5

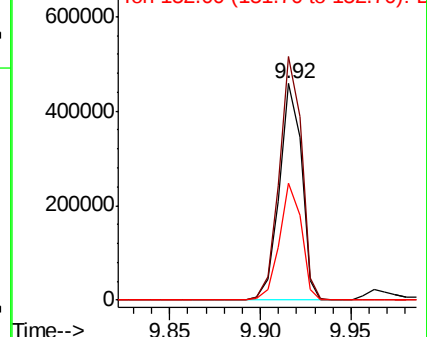
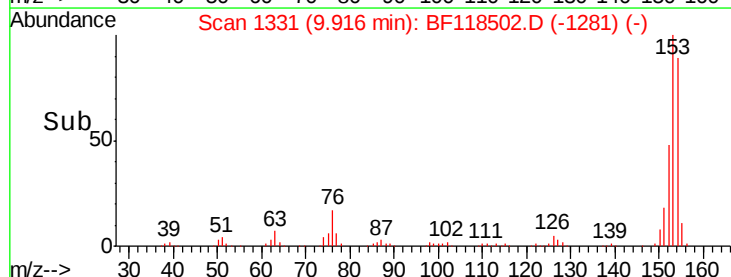
152 53.8 41.9 62.9

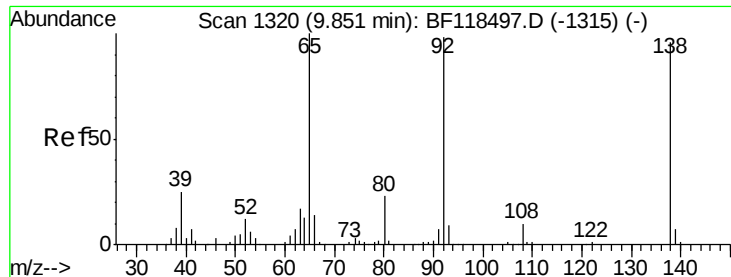


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

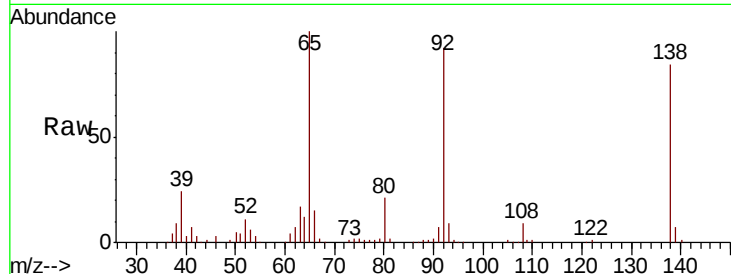




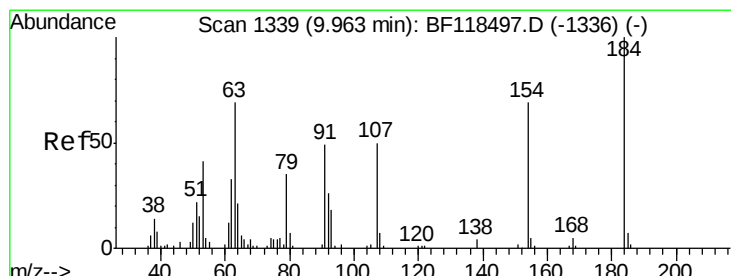
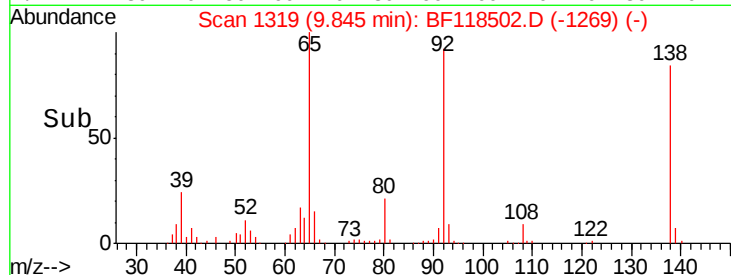
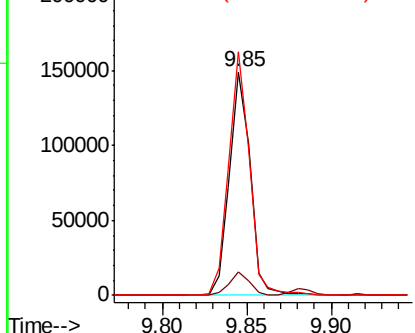
#53
3-Nitroaniline
Concen: 37.954 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 128014
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 108.9 81.6 122.4

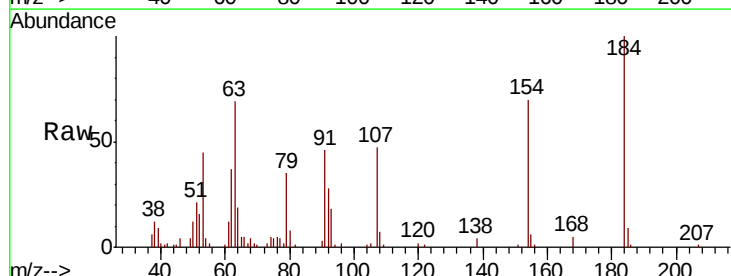


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

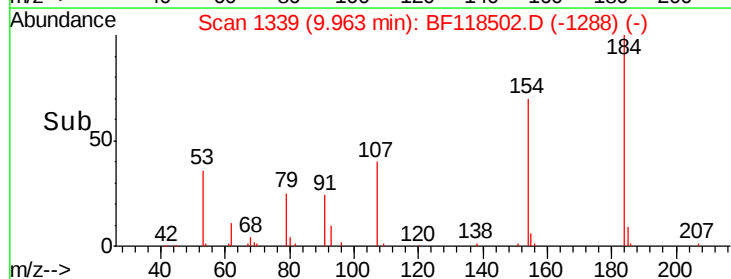
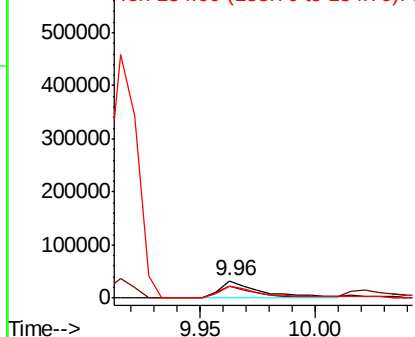


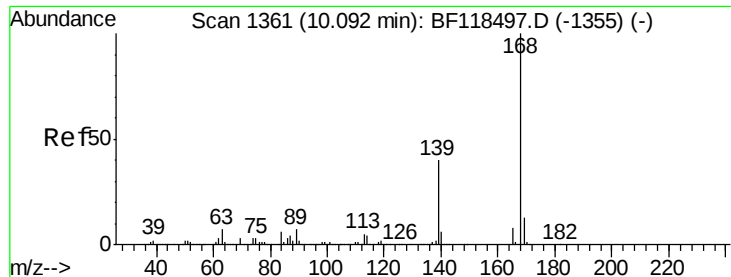
#54
2,4-Dinitrophenol
Concen: 35.438 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:184 Resp: 40883
Ion Ratio Lower Upper
184 100
63 68.8 55.3 82.9
154 70.4 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

Dibenzofuran

Concen: 38.439 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampled :

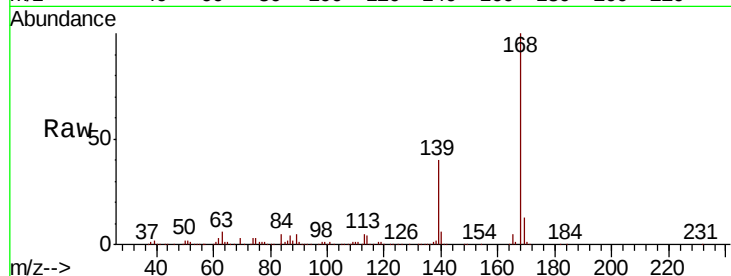
Tot Ion:168 Resp: 591257

Ion Ratio Lower Upper

168 100

139 40.2 32.5 48.7

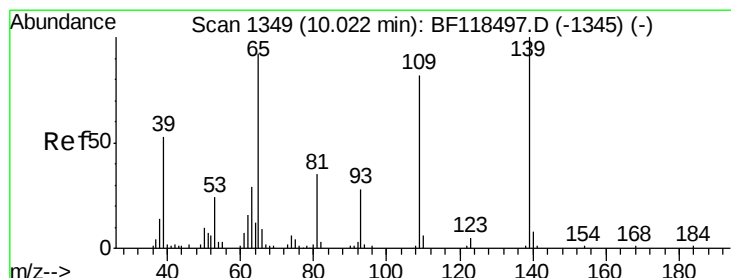
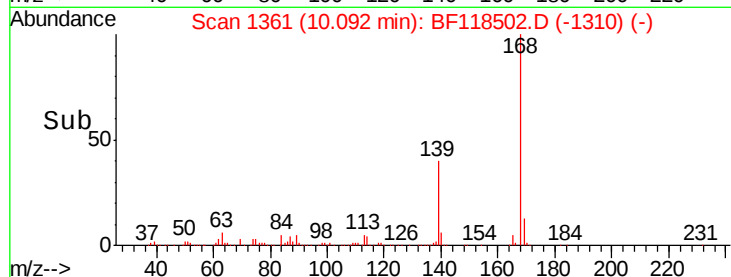
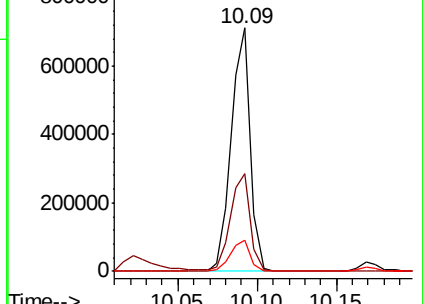
169 13.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.314 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

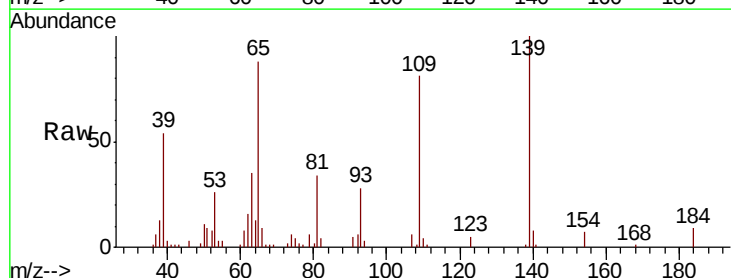
Tgt Ion:139 Resp: 61108

Ion Ratio Lower Upper

139 100

109 80.6 62.2 102.2

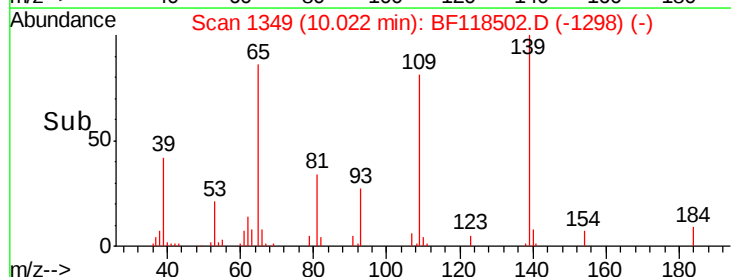
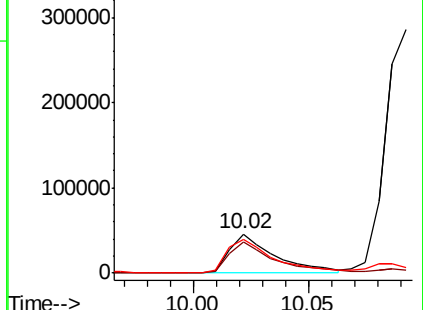
65 87.6 72.8 112.8

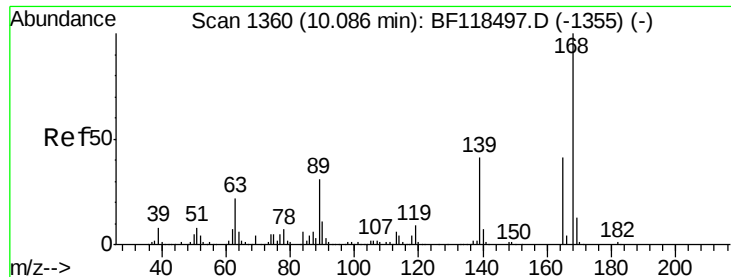


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

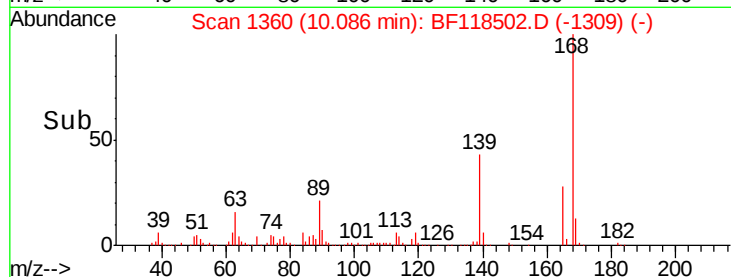
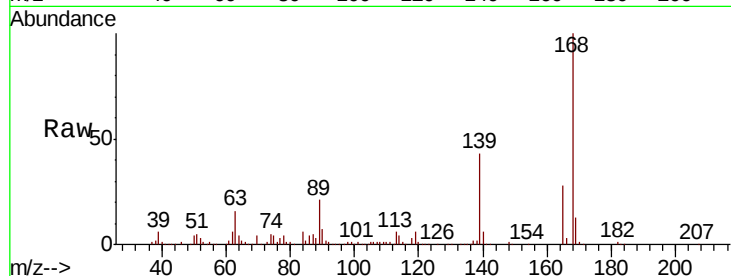




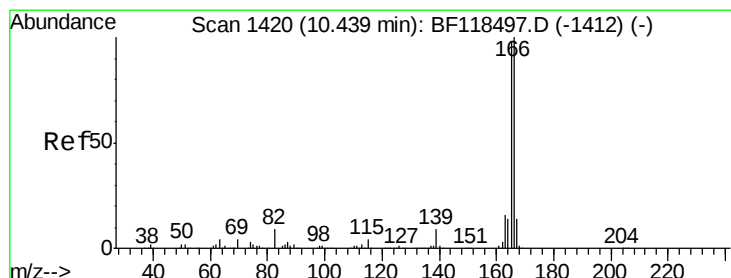
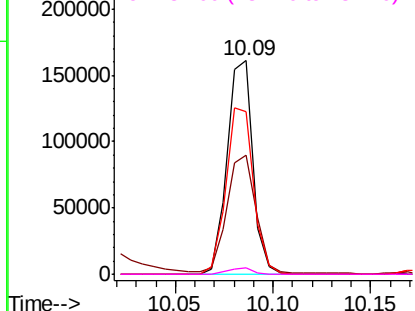
#57
2,4-Dinitrotoluene
Concen: 38.275 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	44.1	66.1
89	76.0	60.4	90.6
182	2.8	2.0	3.0

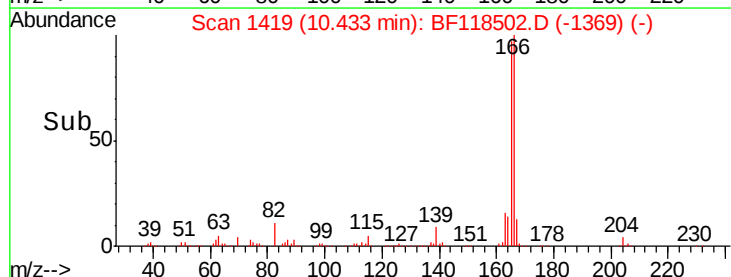
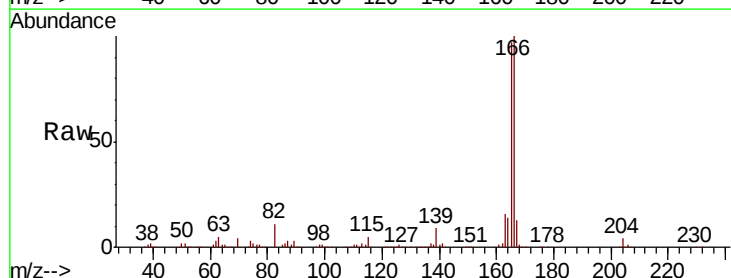


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

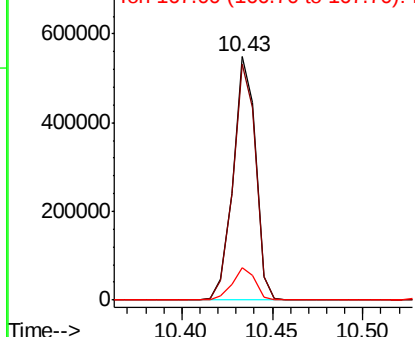


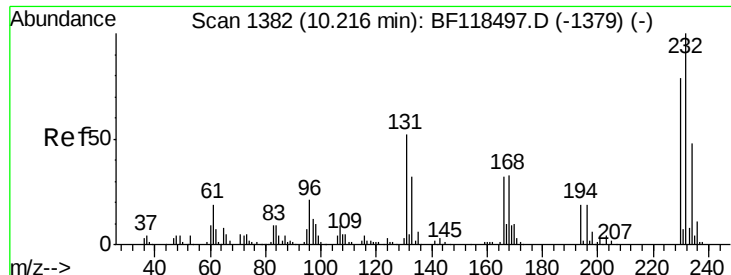
#58
Fluorene
Concen: 38.493 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.4	10.8	16.2



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

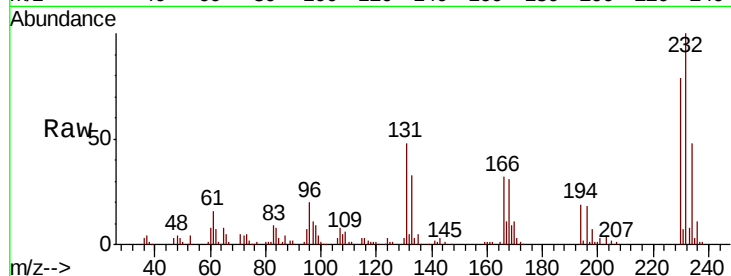




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.712 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.4	42.2	63.4
130	2.7	2.1	3.1
166	31.2	25.7	38.5



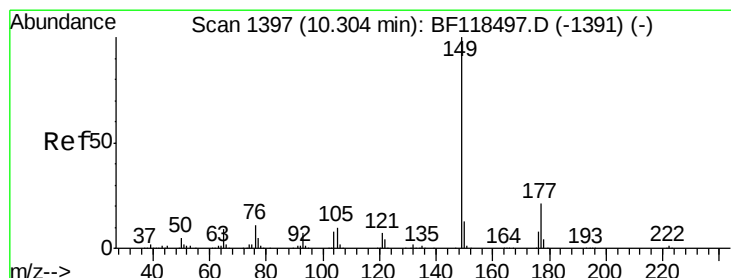
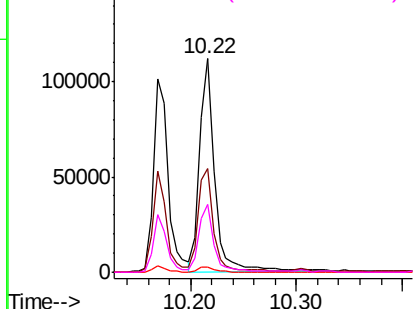
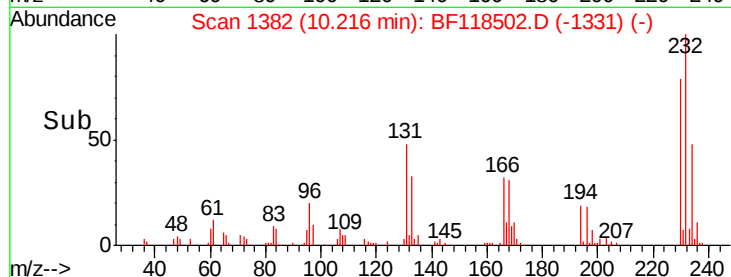
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

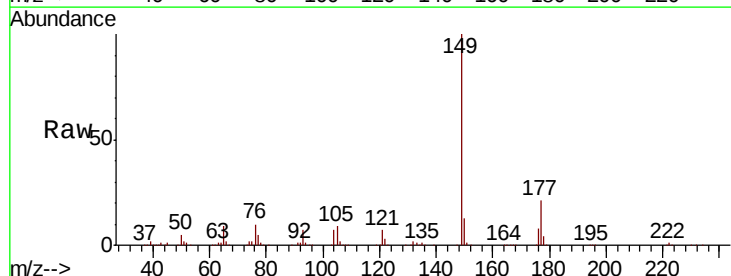
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.447 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.5	24.7
150	12.7	10.2	15.2

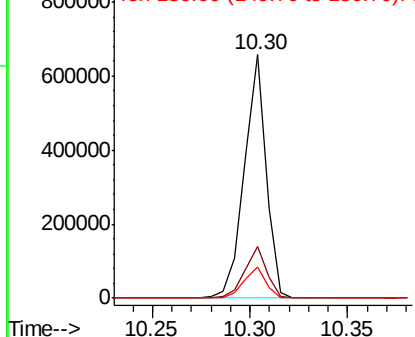
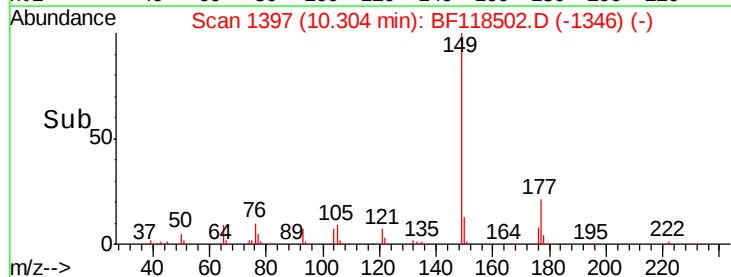


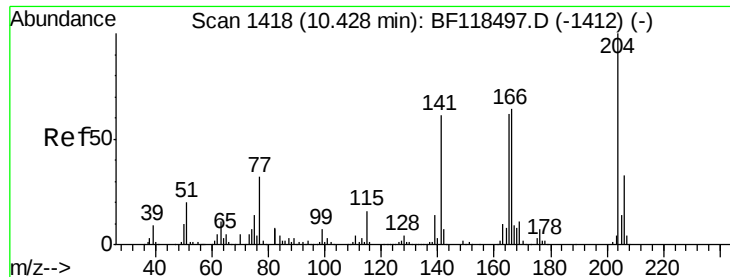
Abundance

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

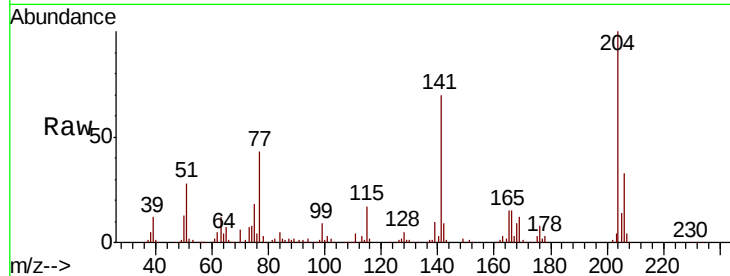




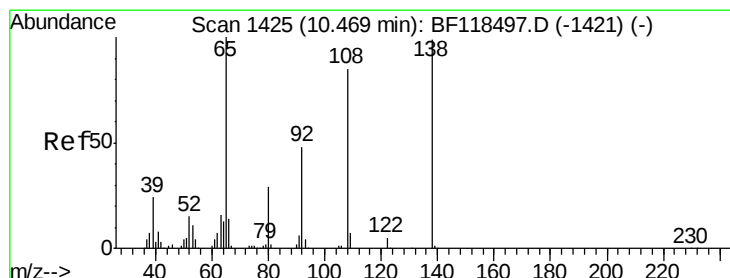
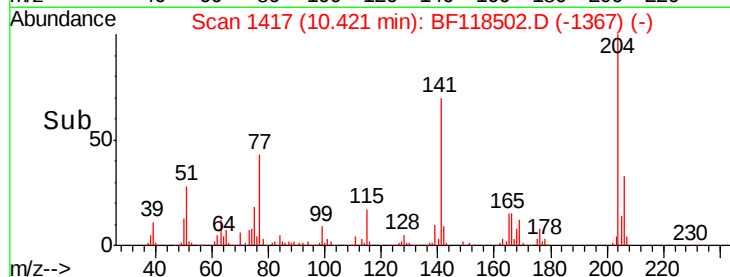
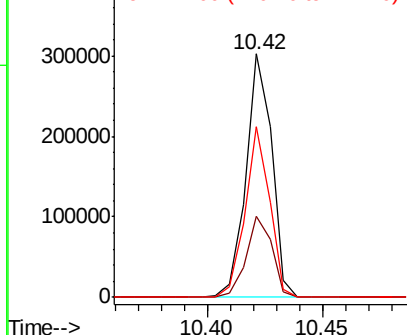
#61
4-Chlorophenyl-phenylether
Concen: 38.289 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 236528
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 70.1 49.0 73.6

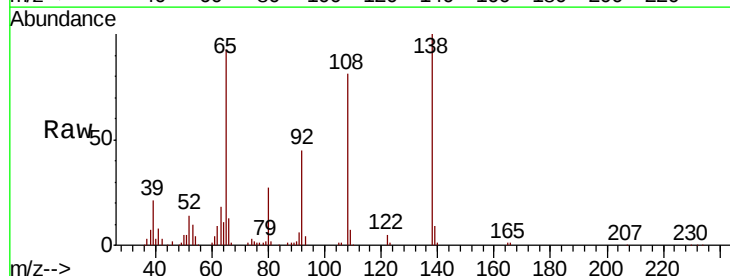


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

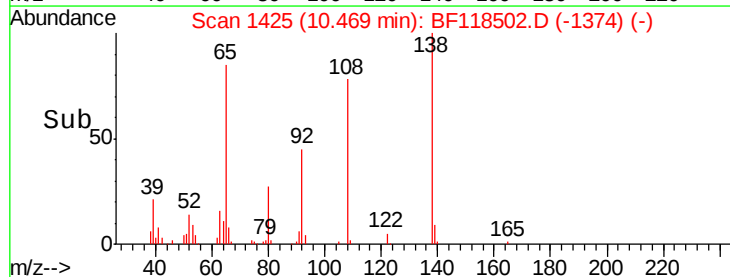
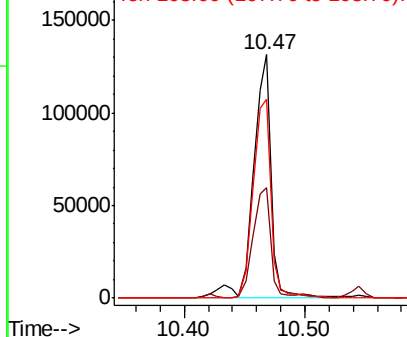


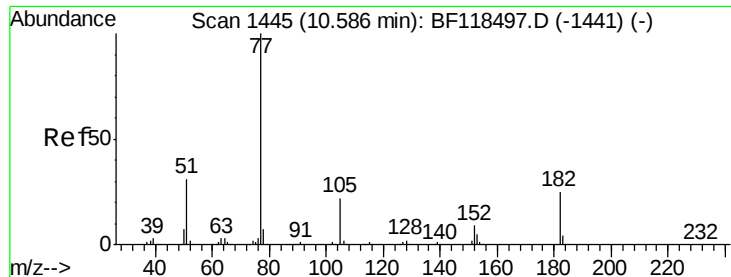
#62
4-Nitroaniline
Concen: 40.964 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:138 Resp: 135286
Ion Ratio Lower Upper
138 100
92 45.5 27.9 67.9
108 81.5 64.7 104.7



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

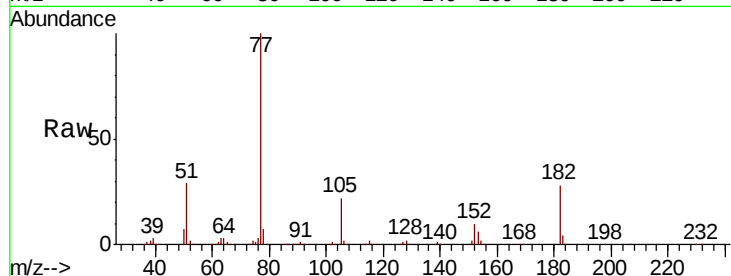




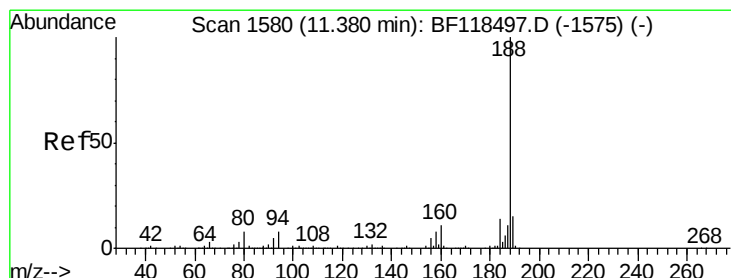
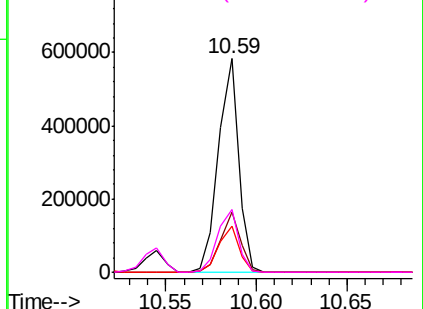
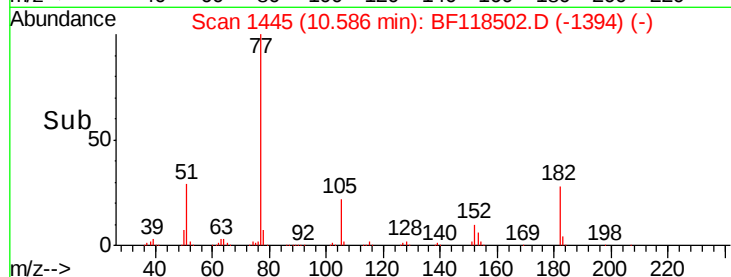
#63
Azobenzene
Concen: 39.381 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.2	45.2
105	21.8	1.7	41.7
51	29.3	11.2	51.2

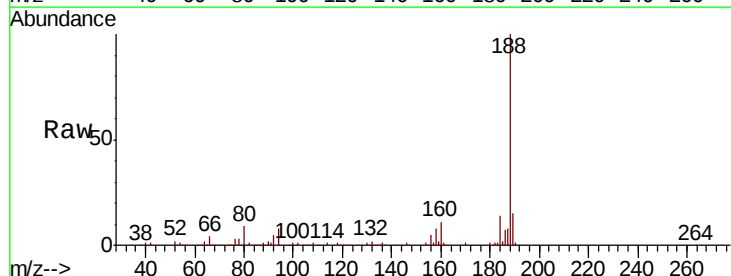


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

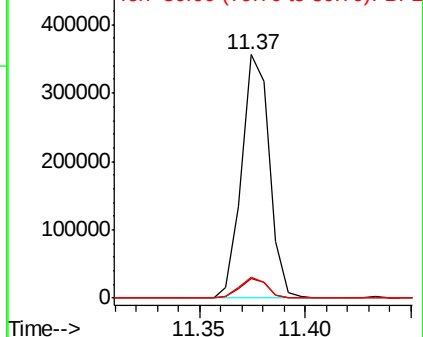
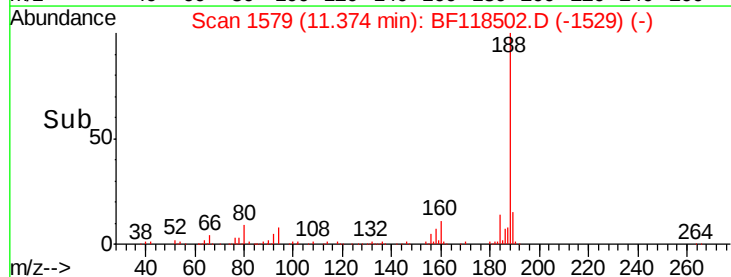


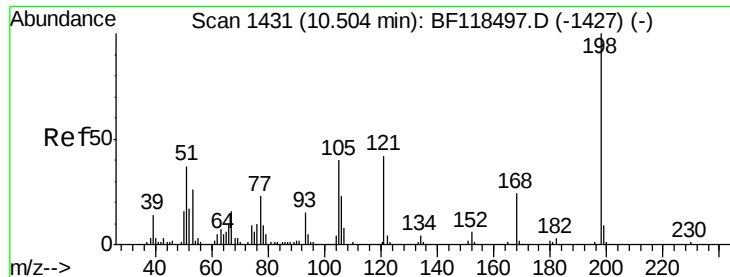
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	8.8	6.6	10.0



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

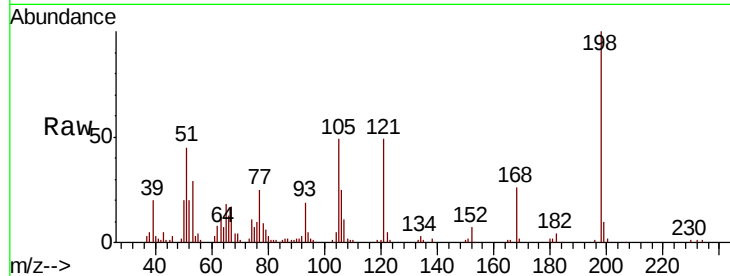




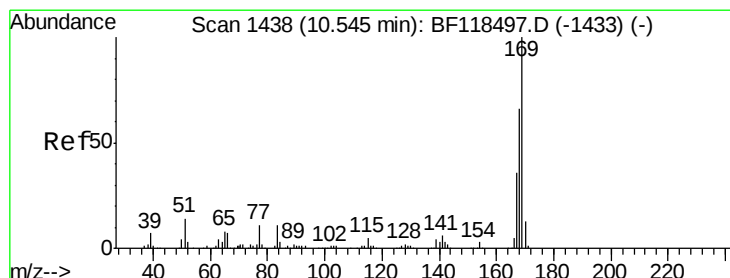
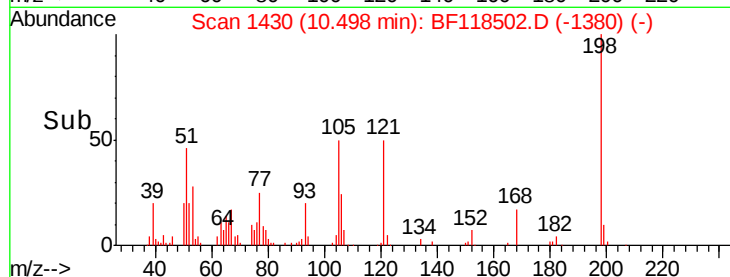
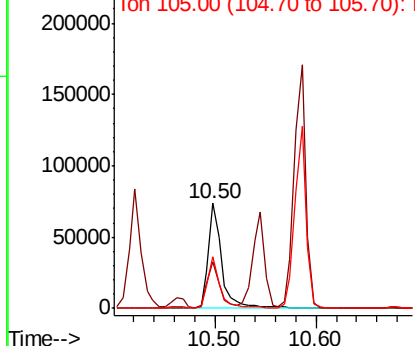
#65
4,6-Dinitro-2-methylphenol
Concen: 40.132 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 68568
Ion Ratio Lower Upper
198 100
51 44.6 17.8 57.8
105 49.2 20.1 60.1

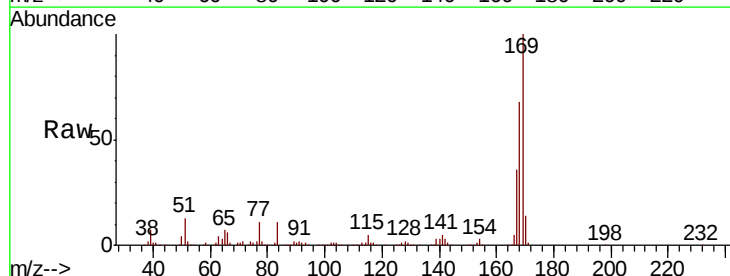


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

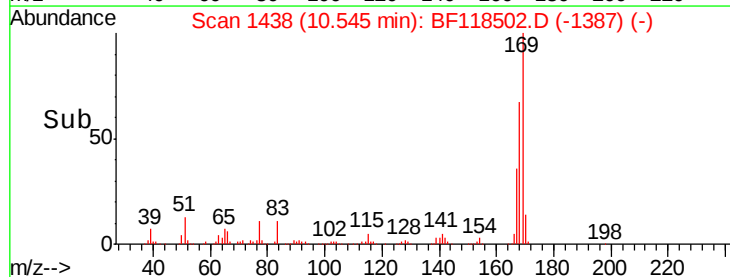
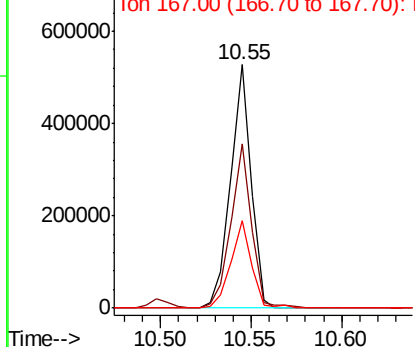


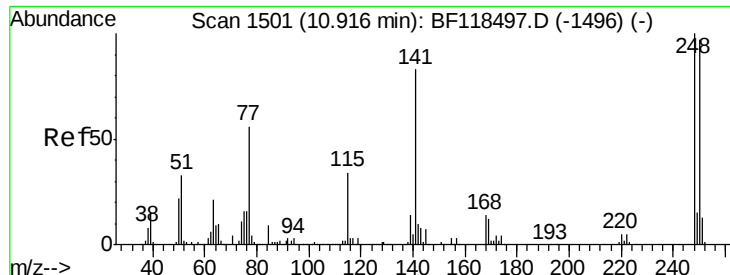
#66
n-Nitrosodiphenylamine
Concen: 39.839 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:169 Resp: 419312
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.2
167 36.1 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

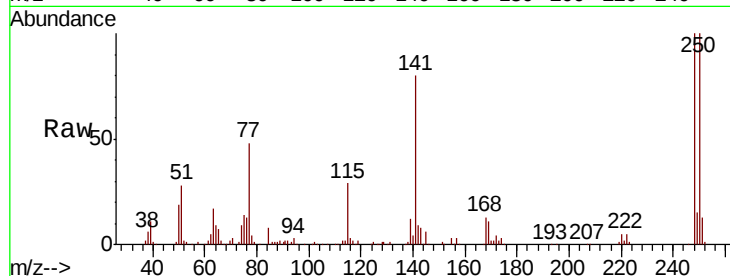




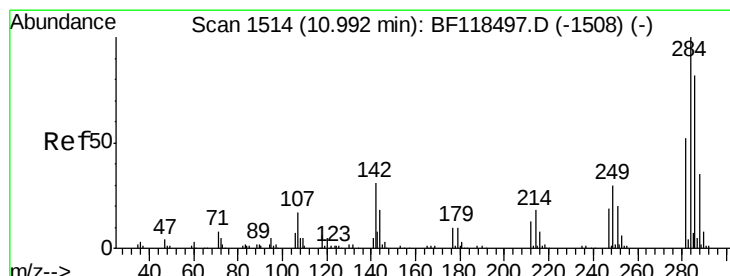
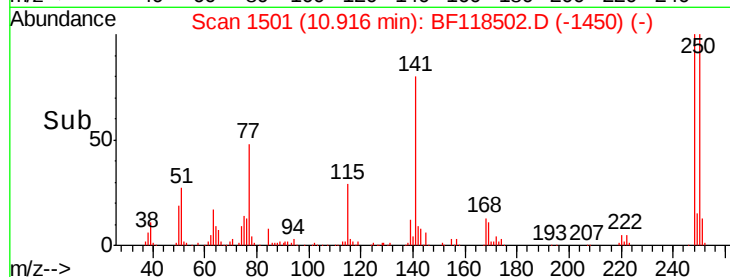
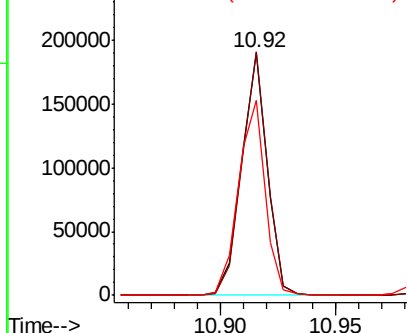
#67
4-Bromophenyl-phenylether
Concen: 39.337 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 148917
Ion Ratio Lower Upper
248 100
250 100.4 77.4 116.0
141 80.5 66.2 99.4

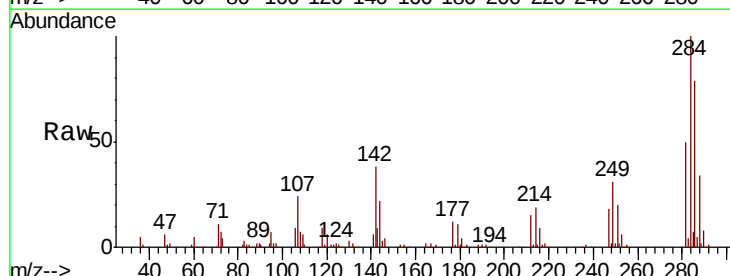


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

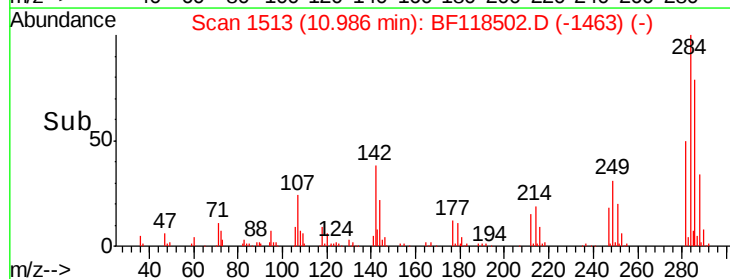
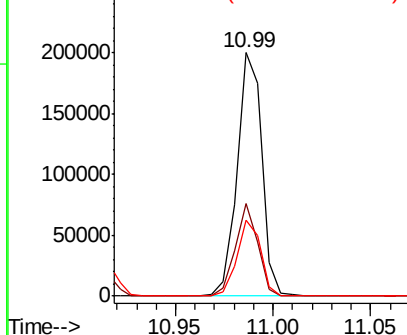


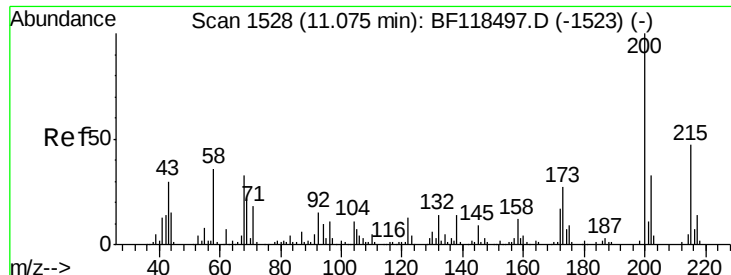
#68
Hexachlorobenzene
Concen: 38.675 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:284 Resp: 174837
Ion Ratio Lower Upper
284 100
142 38.3 24.6 37.0#
249 31.1 24.0 36.0



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

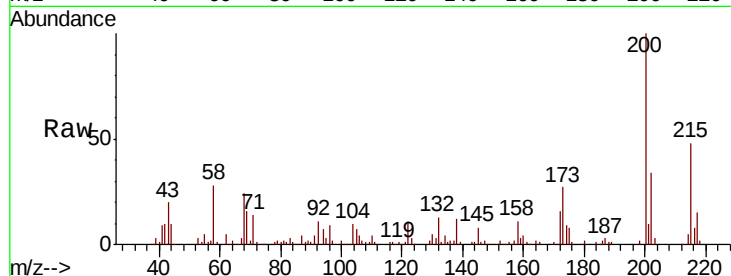




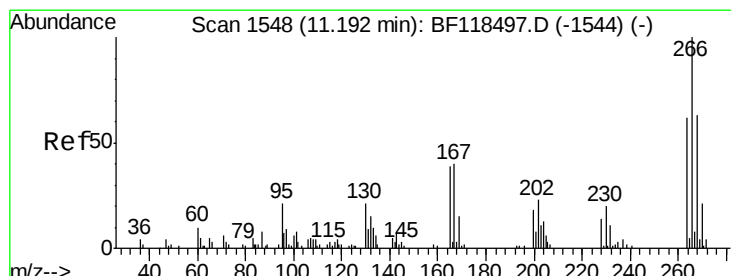
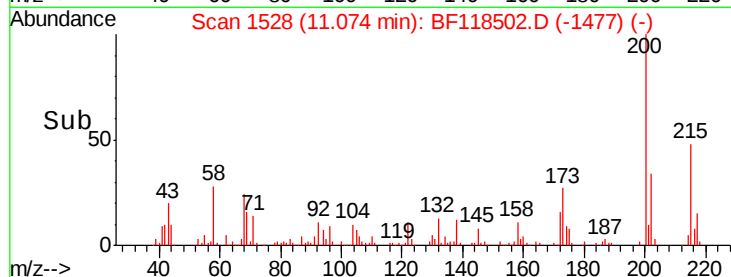
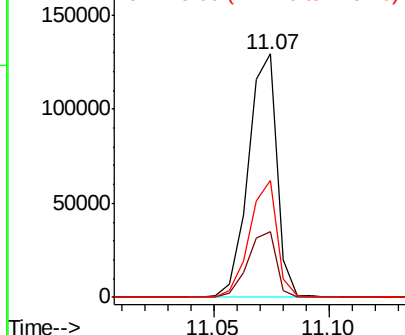
#69
Atrazine
Concen: 35.971 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 112498
Ion Ratio Lower Upper
200 100
173 26.9 7.0 47.0
215 48.0 27.0 67.0

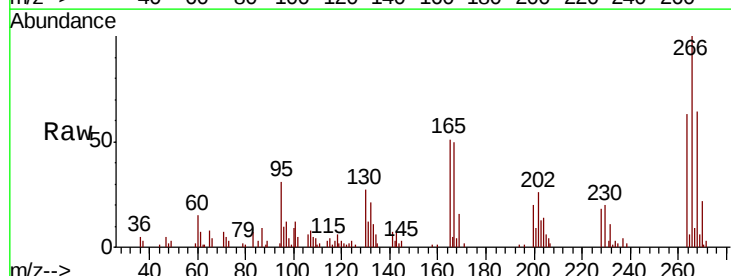


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

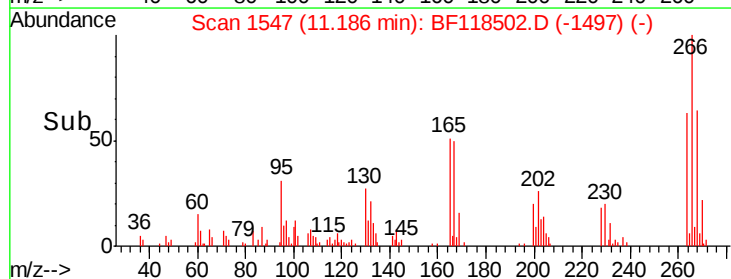
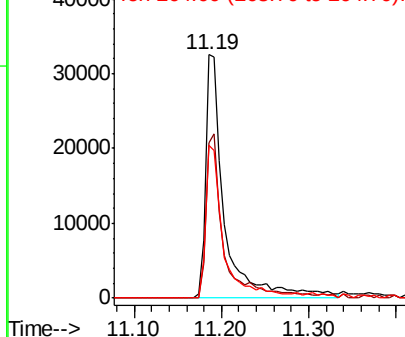


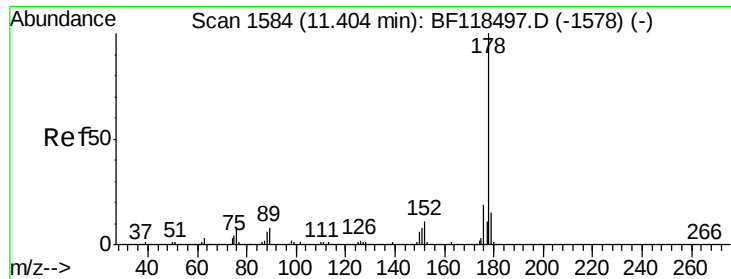
#70
Pentachlorophenol
Concen: 35.531 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:266 Resp: 49066
Ion Ratio Lower Upper
266 100
268 63.6 50.2 75.2
264 62.9 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

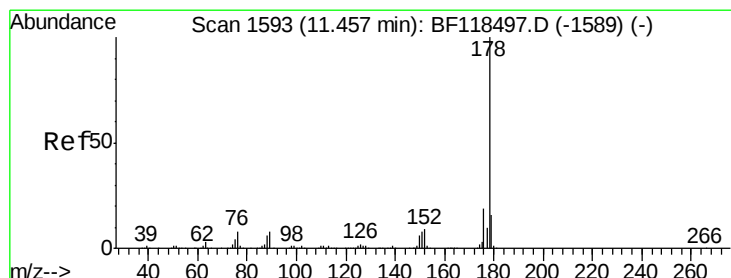
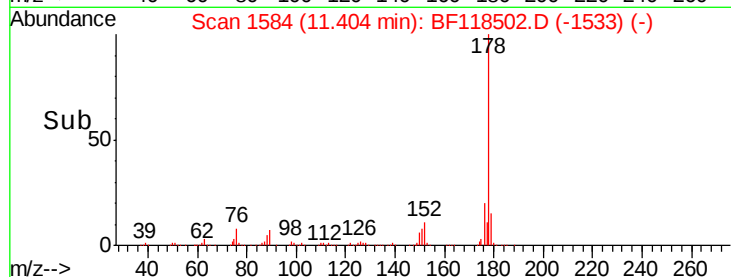
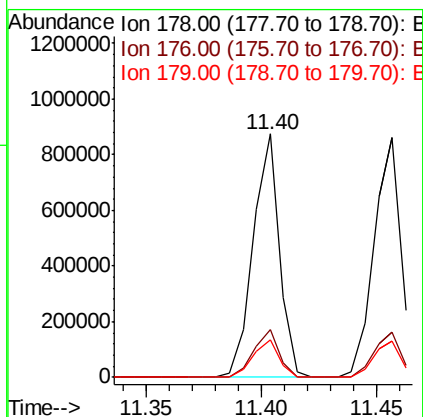
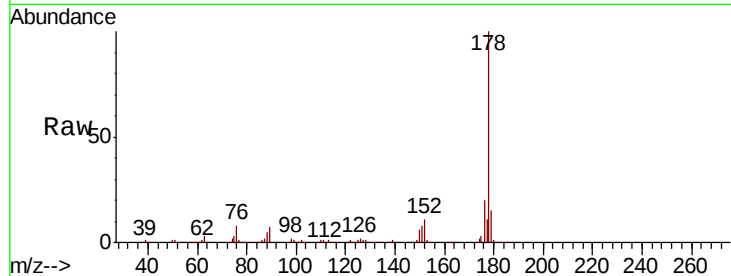




#71
Phenanthrene
Concen: 38.615 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

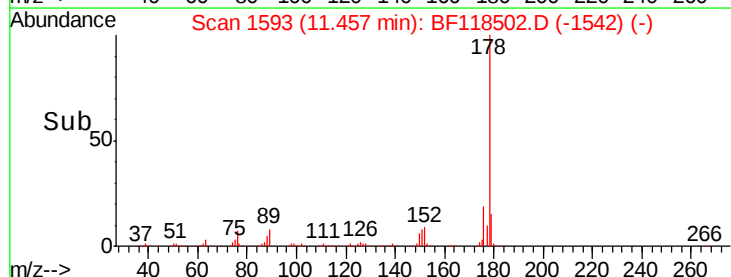
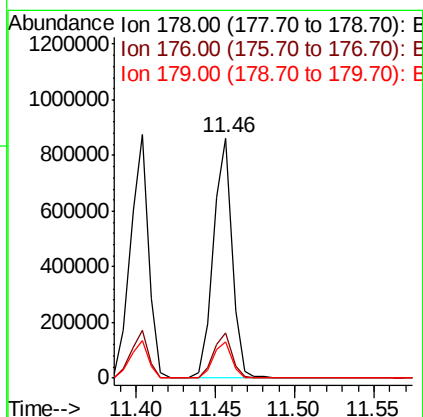
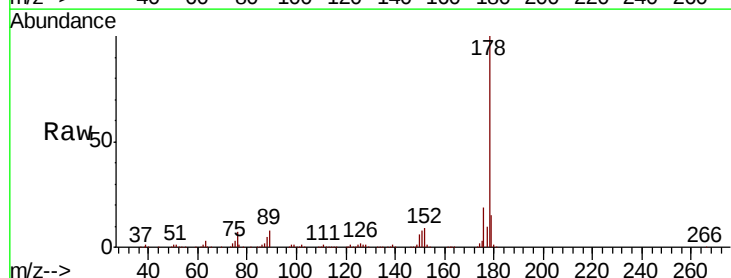
Instrument :
BNA_F
ClientSampled :

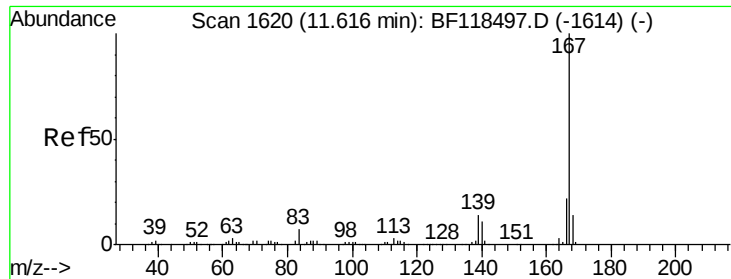
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.4	12.3	18.5



#72
Anthracene
Concen: 39.482 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.3	12.6	19.0





#73

Carbazole

Concen: 39.622 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

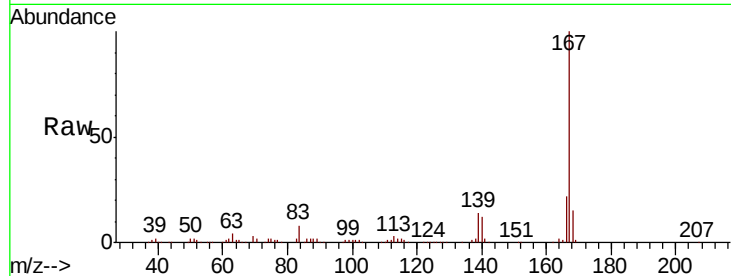
Tot Ion:167 Resp: 618222

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

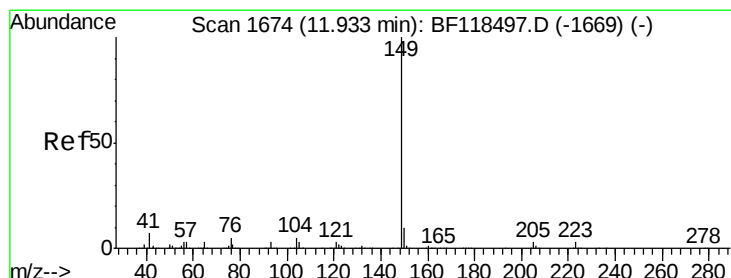
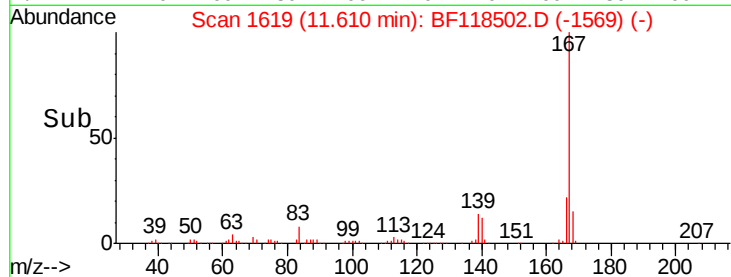
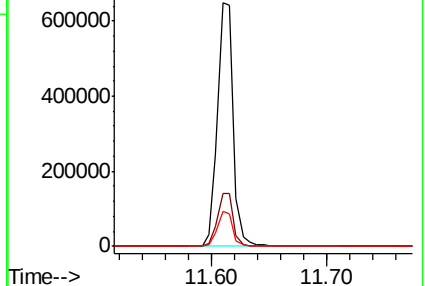
139 14.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.432 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

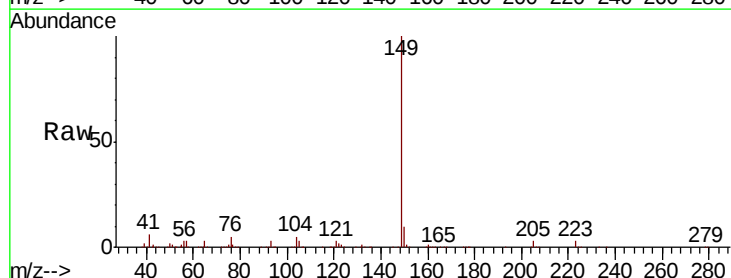
Tgt Ion:149 Resp: 820808

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

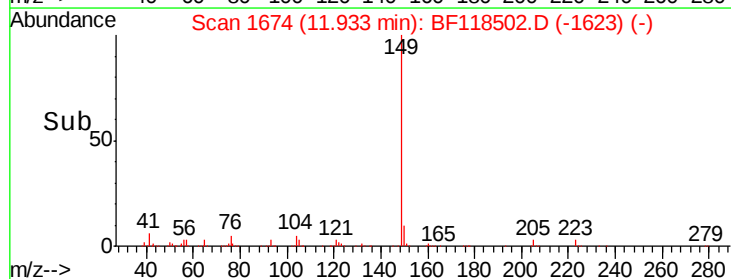
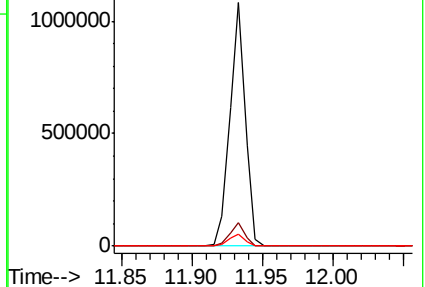
104 5.2 4.2 6.4

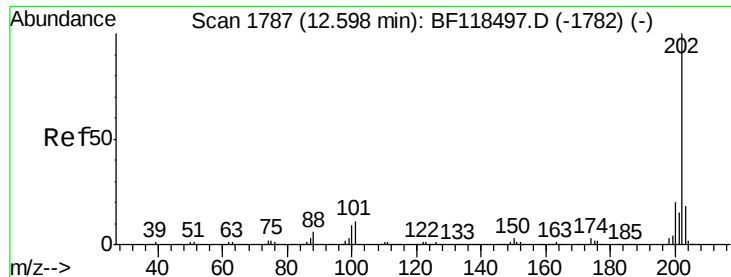


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

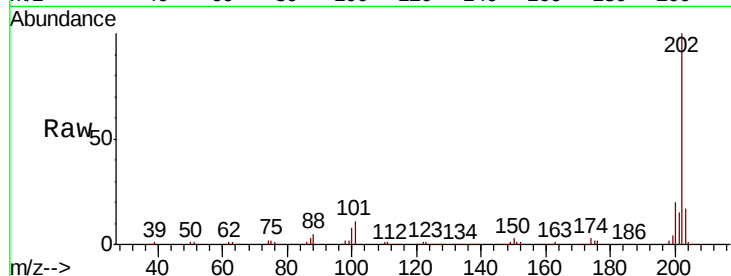




#75
 Fluoranthene
 Concen: 42.747 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	38.1

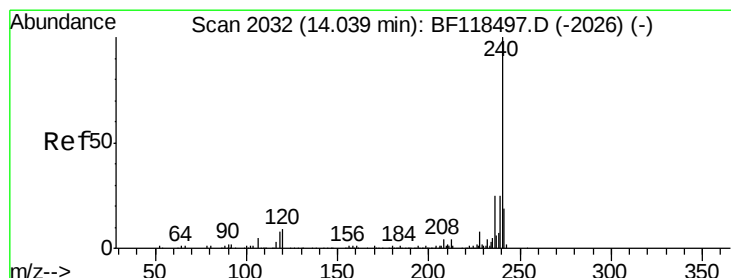
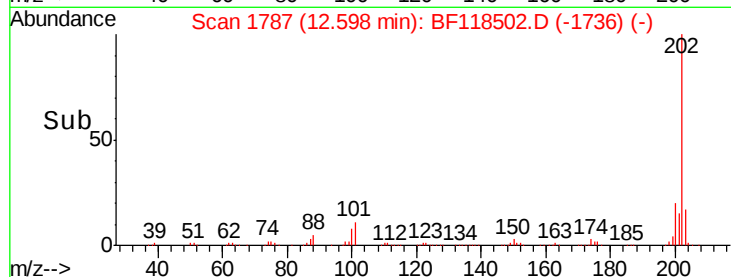
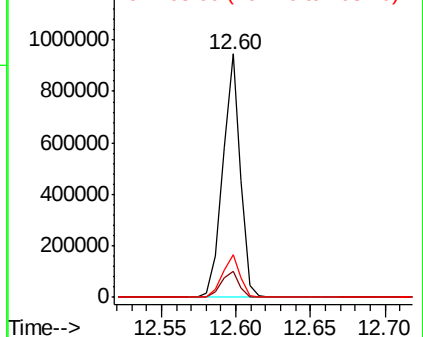


Abundance

Ion 202.00 (201.70 to 202.70): E

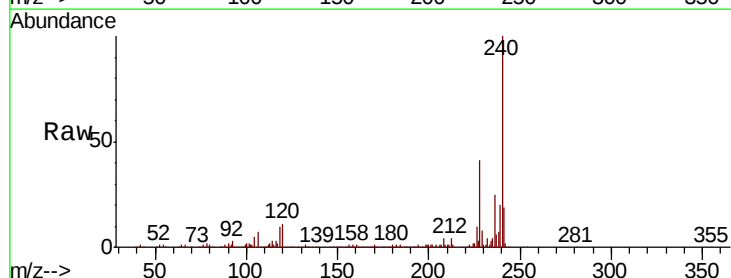
Ion 101.00 (100.70 to 101.70): E

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: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.0	10.6#
236	25.0	20.1	30.1

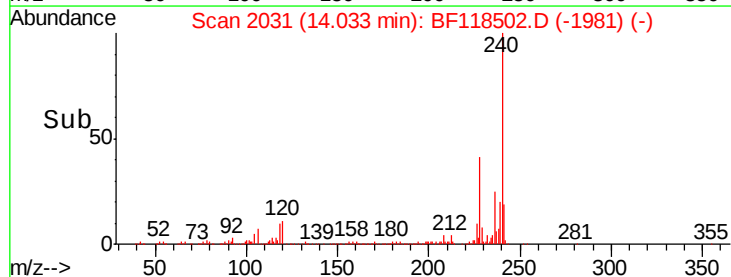
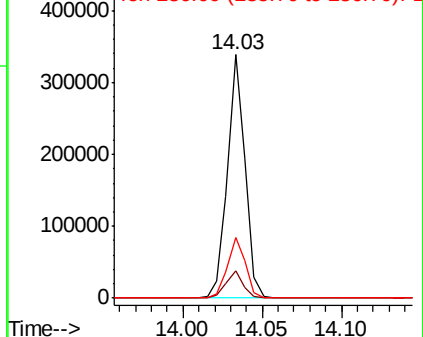


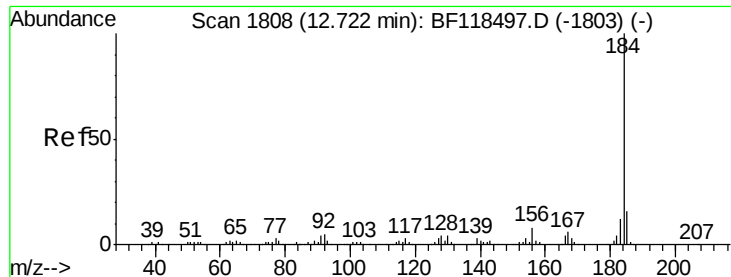
Abundance

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: 40.869 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

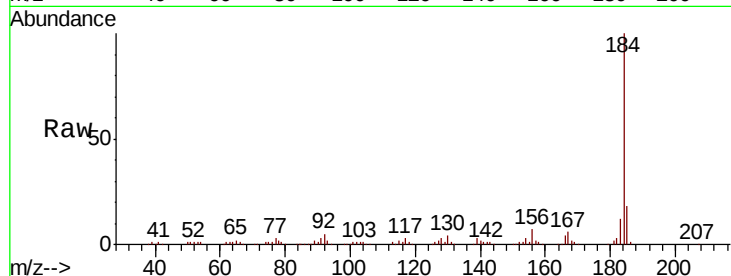
Tot Ion:184 Resp: 252387

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

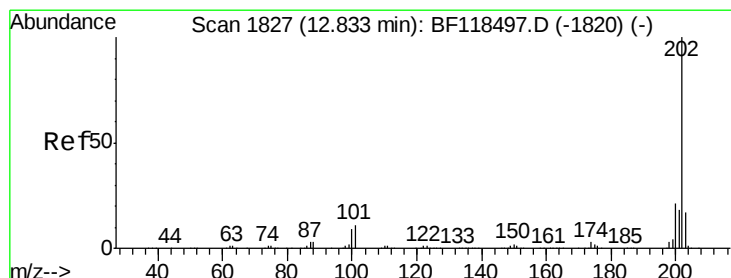
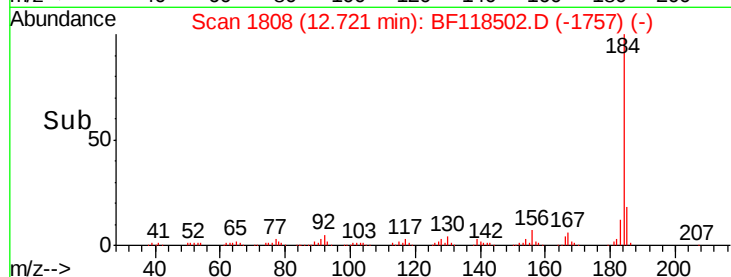
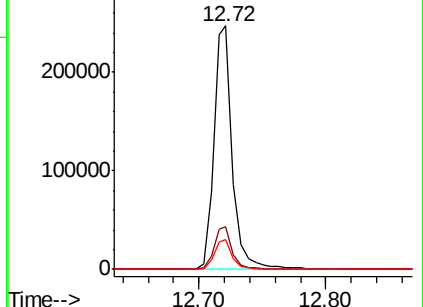
183 12.3 9.3 13.9



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: 37.401 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

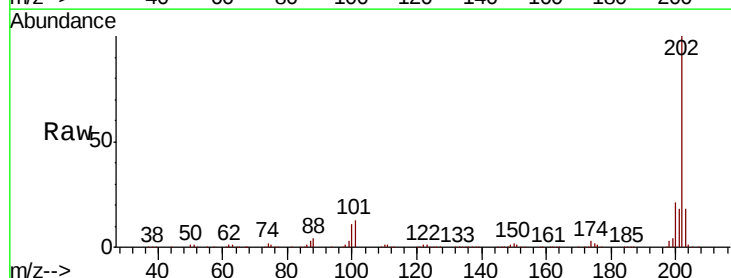
Tgt Ion:202 Resp: 800876

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

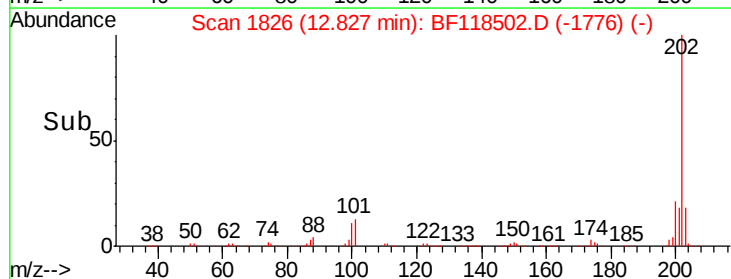
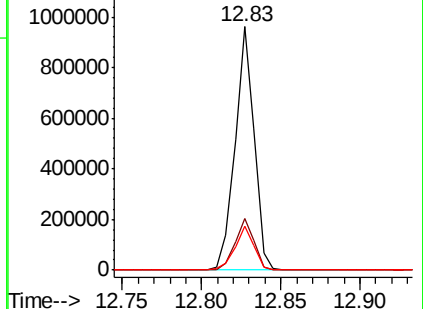
203 18.0 13.9 20.9

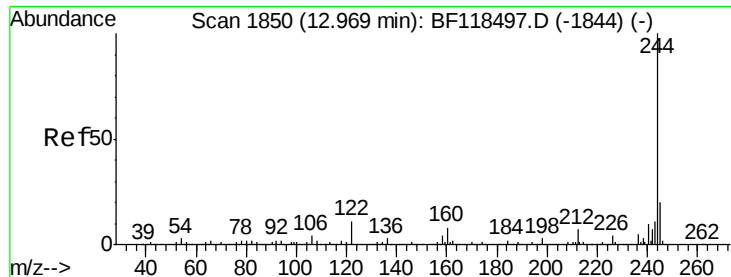


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



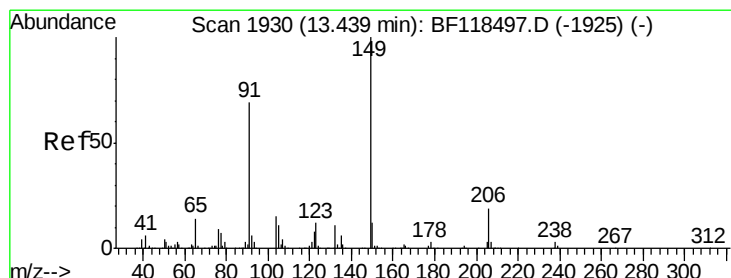
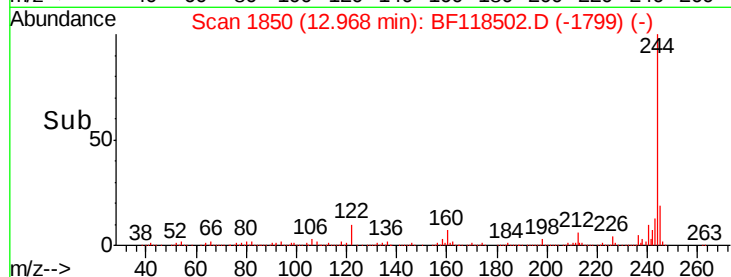
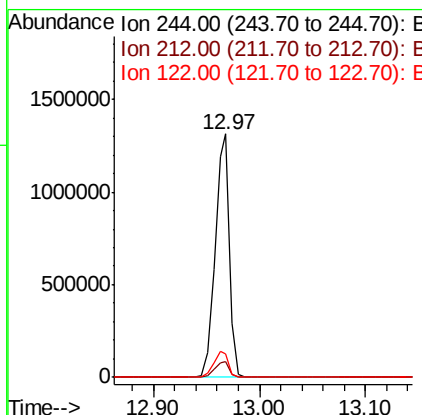
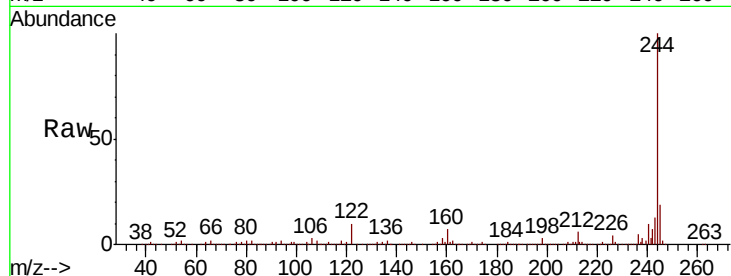


#79
 Terphenyl-d14
 Concen: 76.523 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1256767

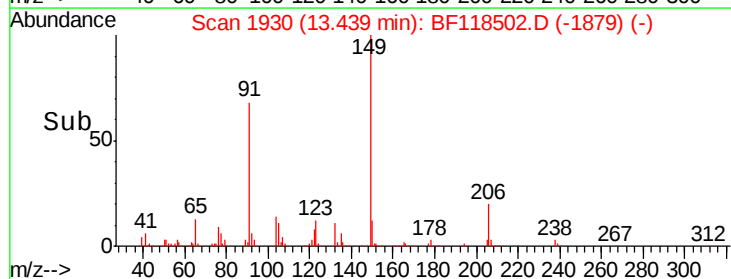
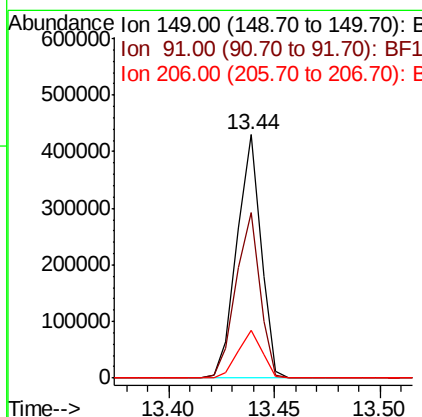
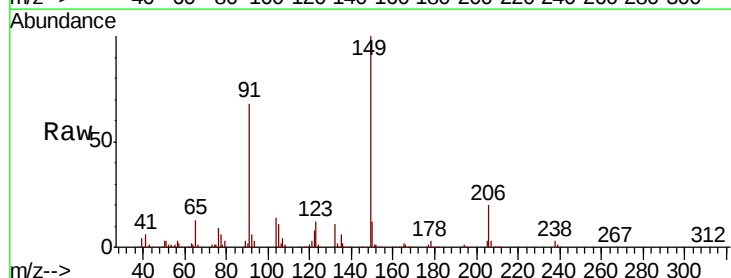
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.8	9.0	13.6

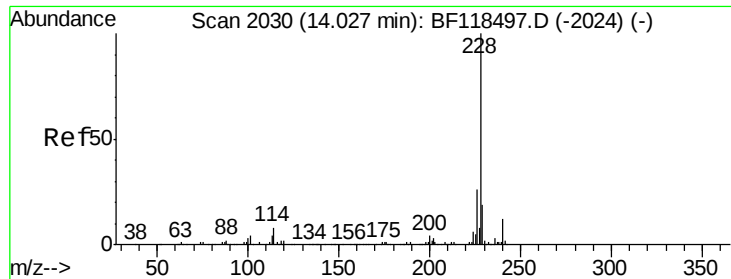


#80
 Butylbenzylphthalate
 Concen: 34.499 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF118502.D
 Acq: 8 Jan 2020 16:27

Tgt Ion:149 Resp: 338311

Ion	Ratio	Lower	Upper
149	100		
91	67.8	55.2	82.8
206	19.6	15.1	22.7

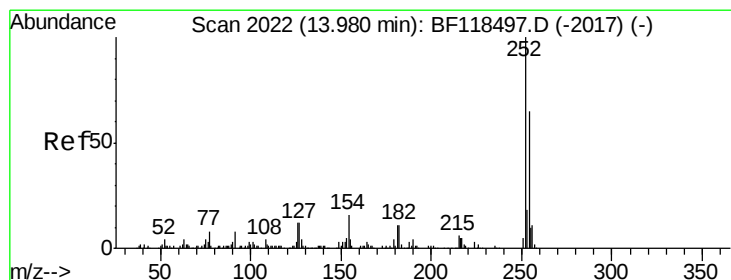
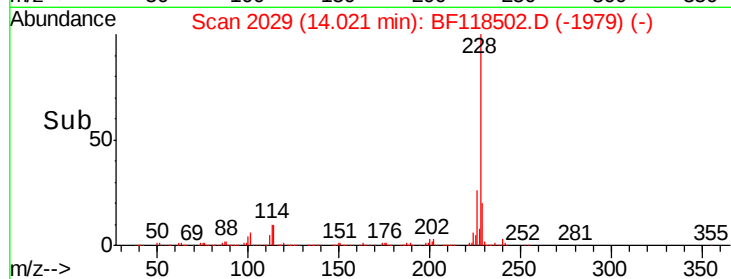
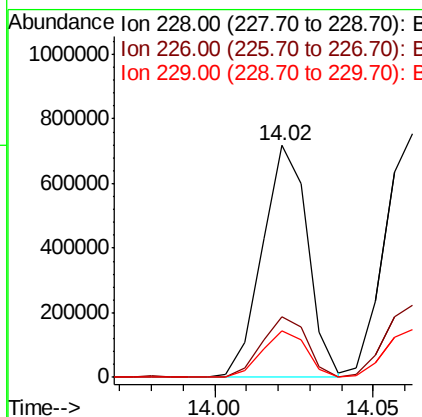
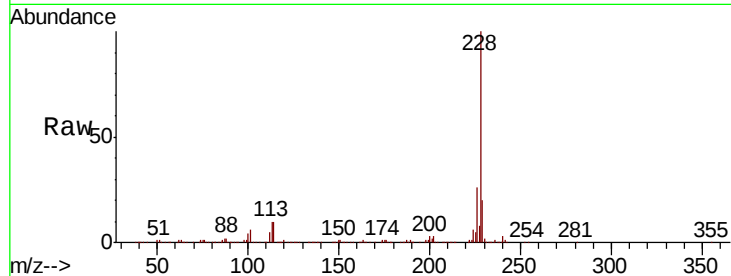




#81
Benzo(a)anthracene
Concen: 38.959 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

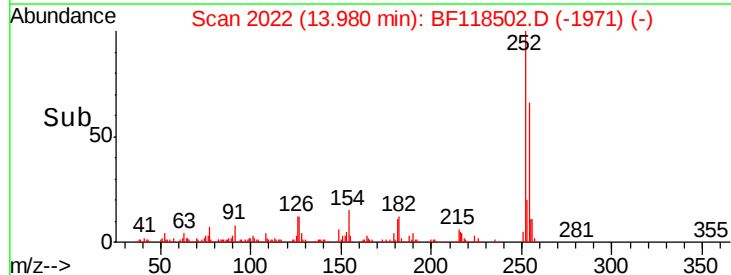
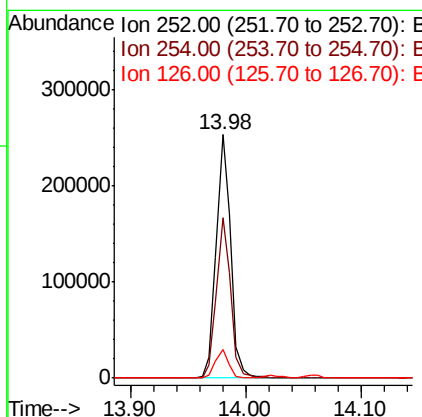
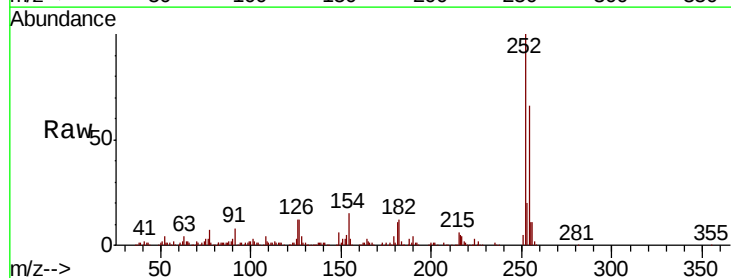
Instrument :
BNA_F
ClientSampleId :

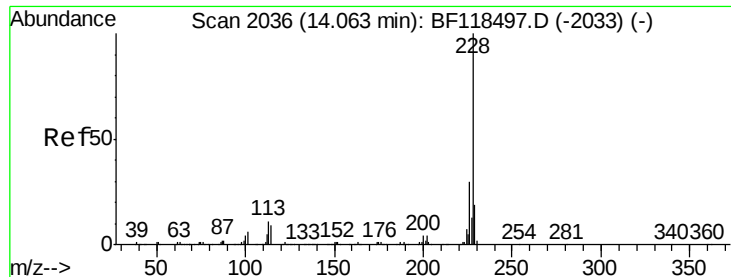
Tot Ion:228 Resp: 709718
Ion Ratio Lower Upper
228 100
226 26.0 20.7 31.1
229 20.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 37.170 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:252 Resp: 220189
Ion Ratio Lower Upper
252 100
254 66.1 52.1 78.1
126 11.6 9.6 14.4





#83

Chrysene

Concen: 38.486 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

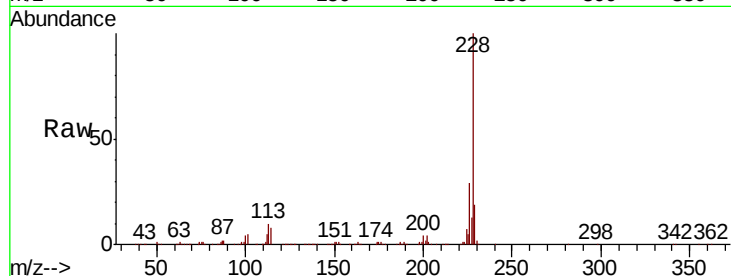
Tot Ion:228 Resp: 681291

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

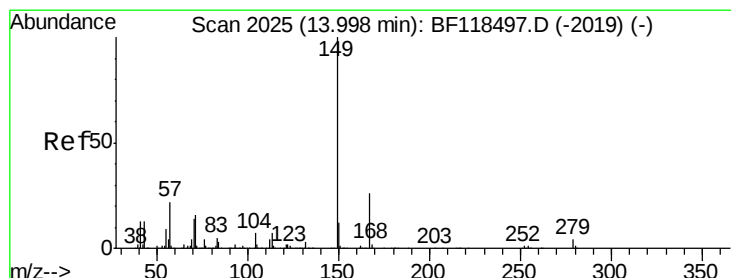
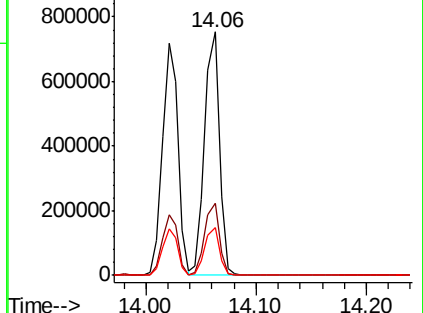
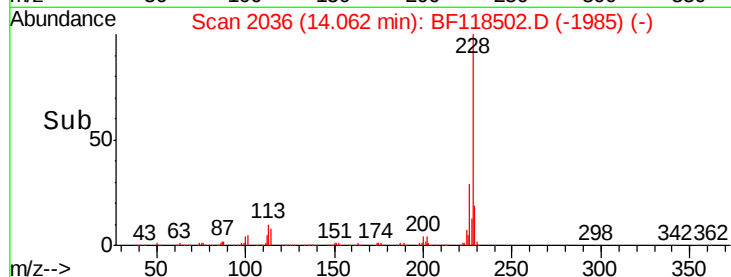
229 19.5 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.089 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

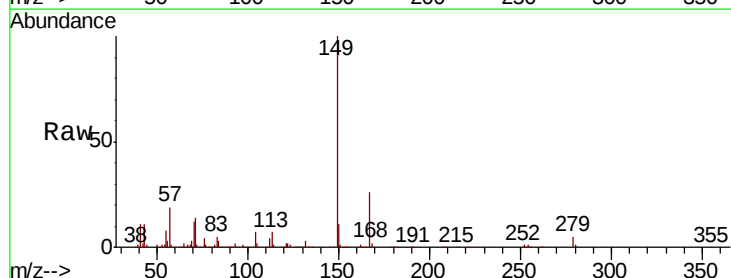
Tgt Ion:149 Resp: 507150

Ion Ratio Lower Upper

149 100

167 26.4 20.6 30.8

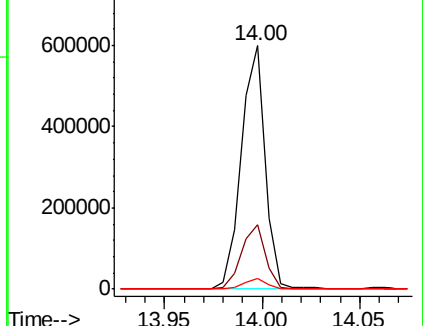
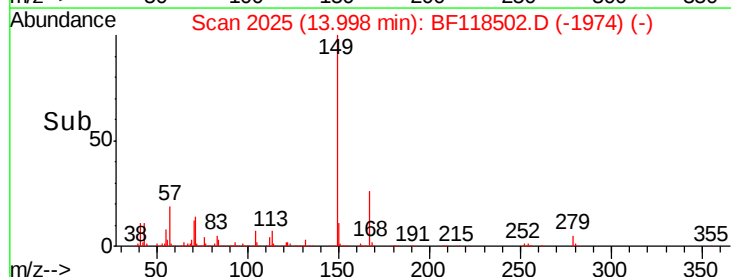
279 4.5 3.1 4.7

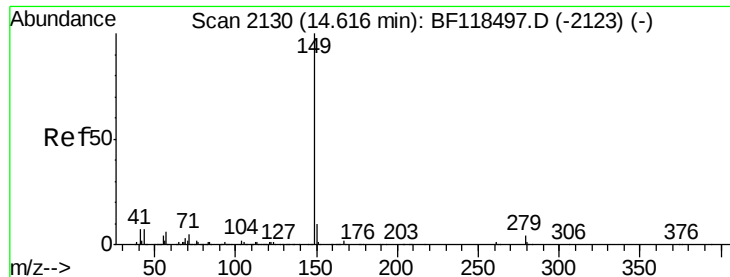


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.375 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

Instrument :

BNA_F

ClientSampleId :

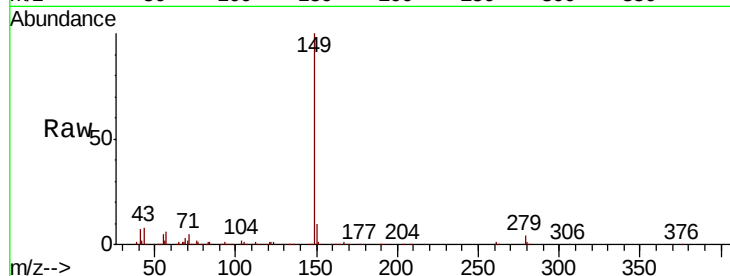
Tot Ion:149 Resp: 809299

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

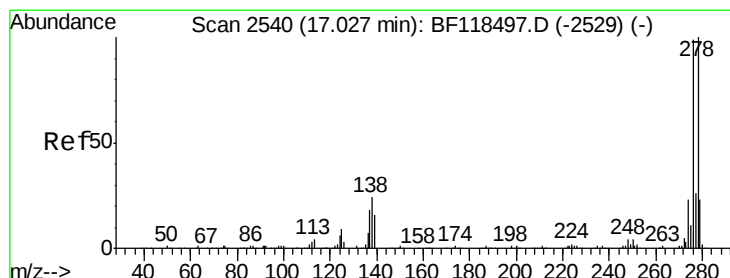
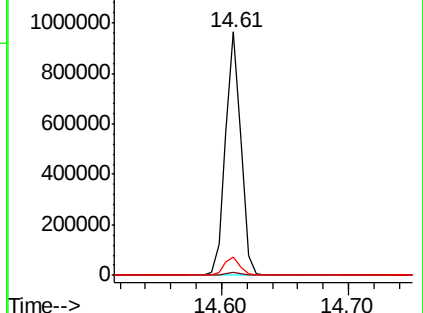
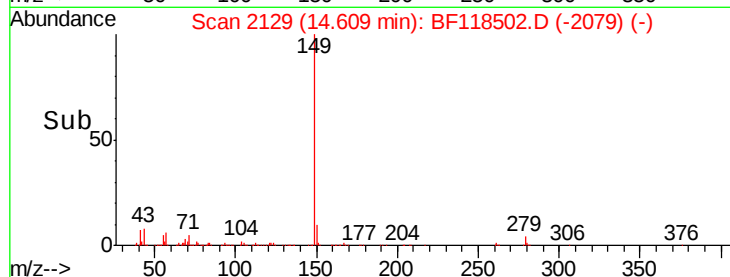
43 7.8 6.4 9.6



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: 32.182 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF118502.D

Acq: 8 Jan 2020 16:27

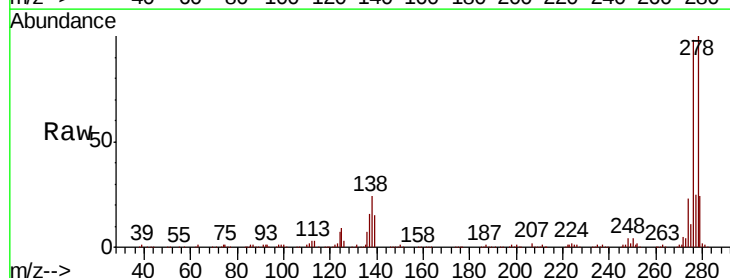
Tgt Ion:276 Resp: 458645

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.4

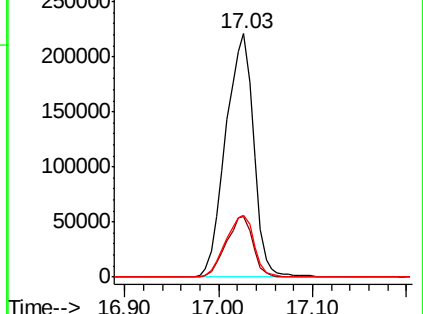
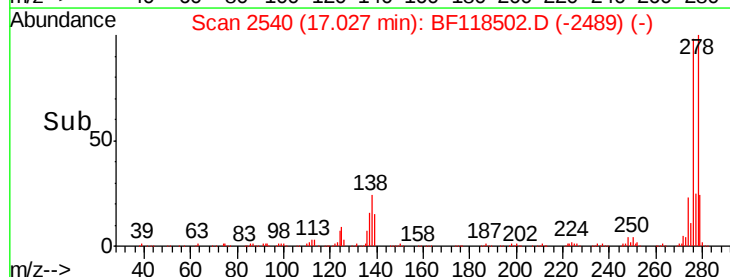
277 25.7 20.5 30.7

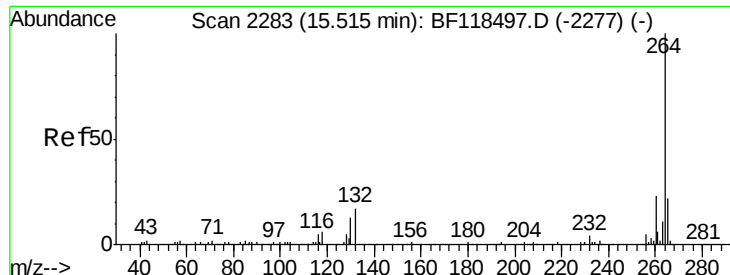


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



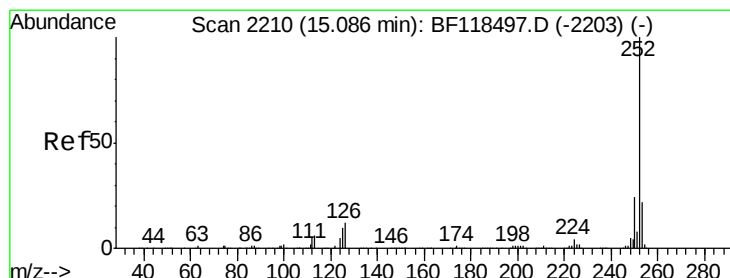
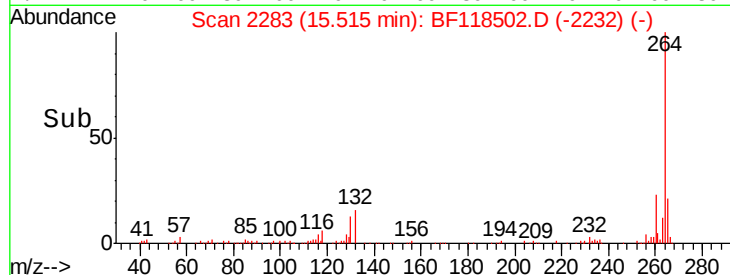
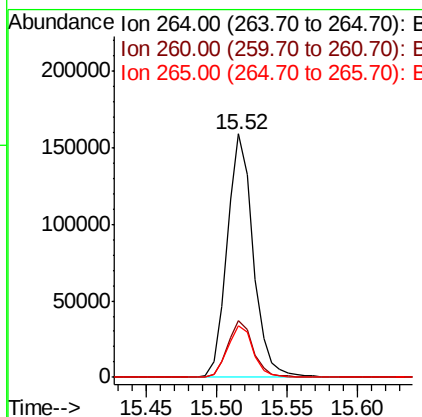
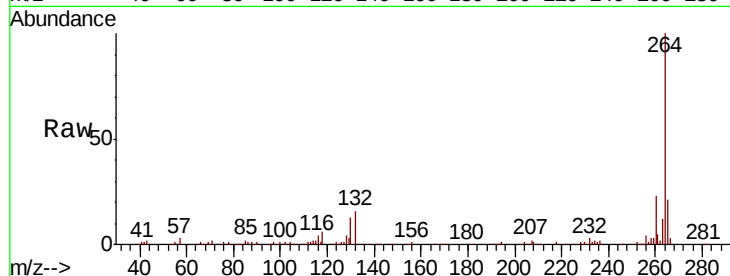


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 203705

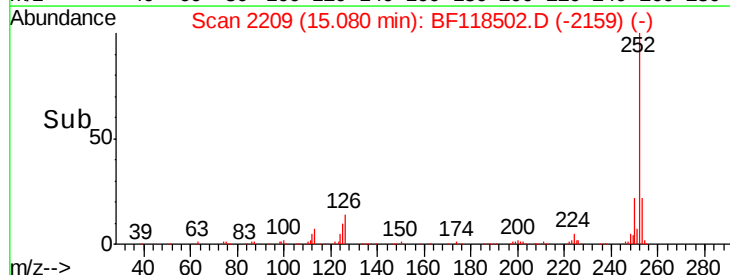
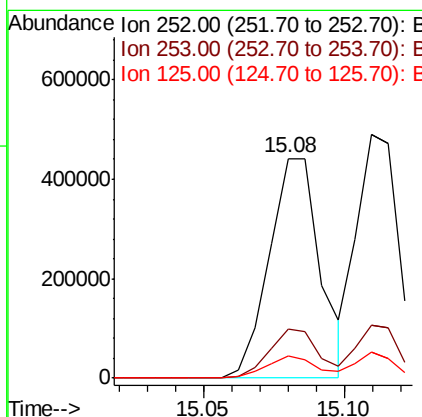
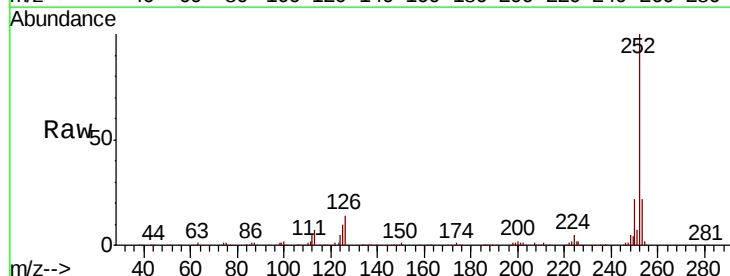
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.2	17.5	26.3

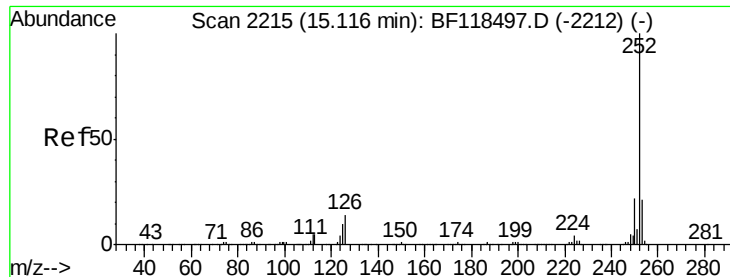


#88
Benzo(b)fluoranthene
Concen: 37.797 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:252 Resp: 556656

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.1	7.8	11.6

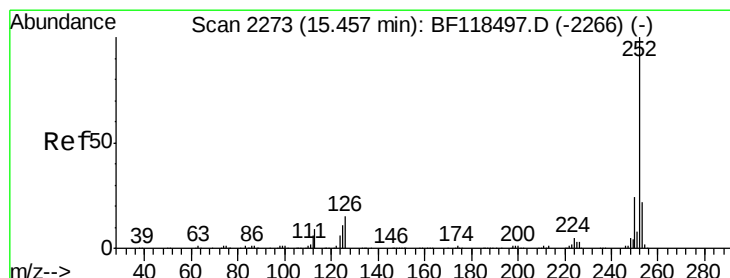
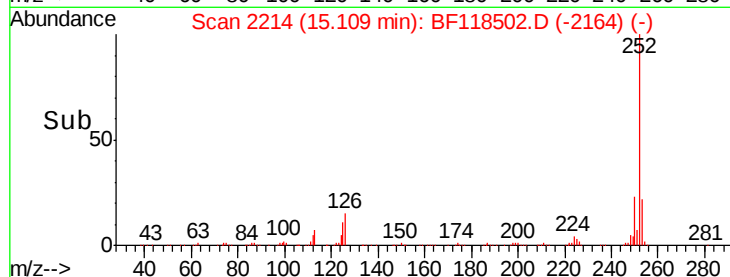
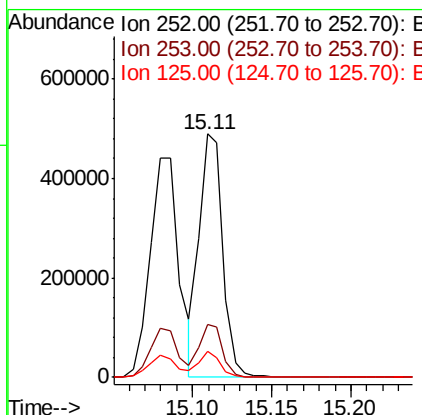
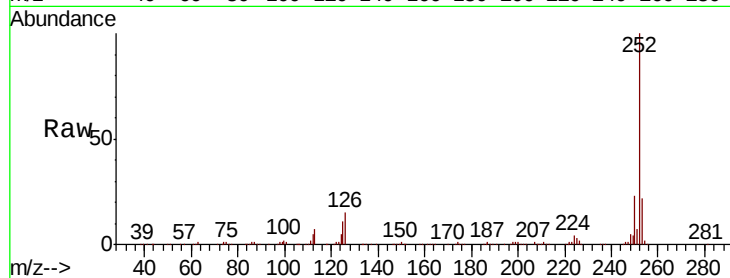




#89
Benzo(k)fluoranthene
Concen: 36.206 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

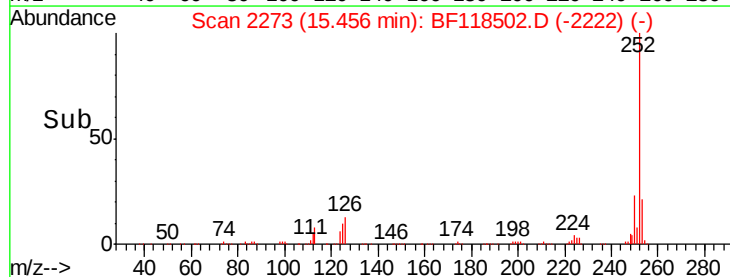
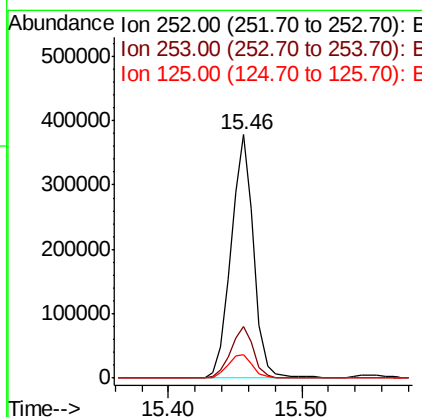
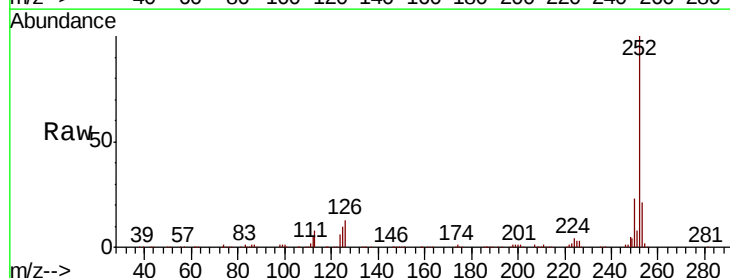
Instrument :
BNA_F
ClientSampleId :

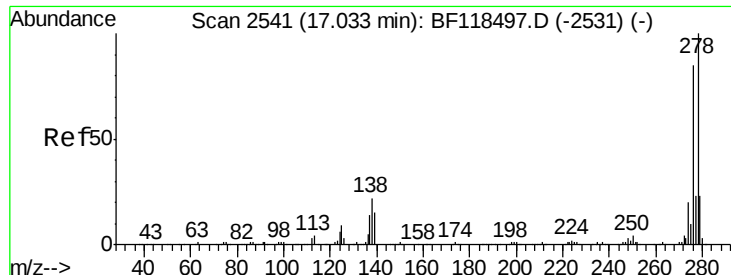
Tot Ion:252 Resp: 508973
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.5 7.8 11.6



#90
Benzo(a)pyrene
Concen: 36.976 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:252 Resp: 446262
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 9.8 9.0 13.6

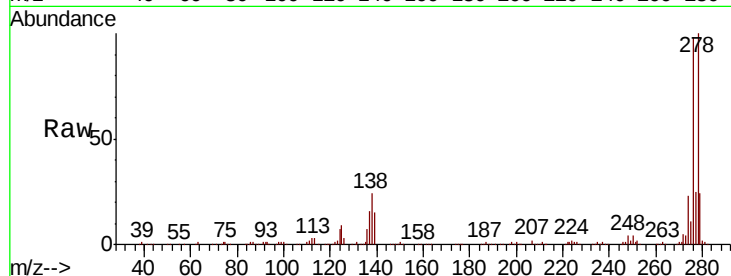




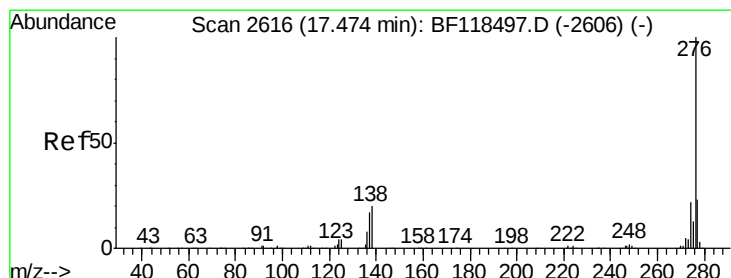
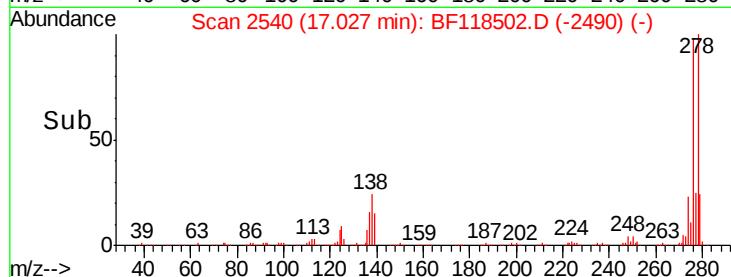
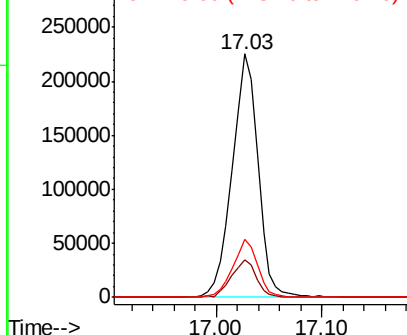
#91
Dibenzo(a,h)anthracene
Concen: 33.606 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 380314
Ion Ratio Lower Upper
278 100
139 15.3 11.9 17.9
279 23.8 18.6 27.8

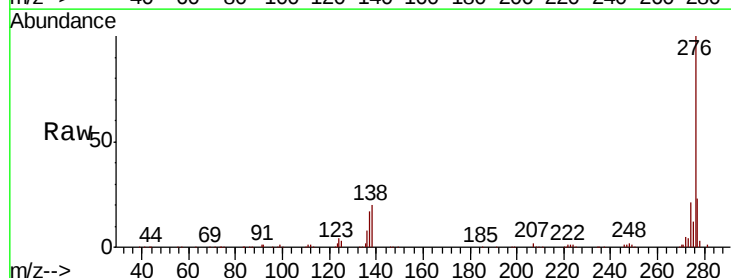


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.468 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.00 min
Lab File: BF118502.D
Acq: 8 Jan 2020 16:27

Tgt Ion:276 Resp: 412493
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.4
138 19.7 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

