

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118125.D
 Acq On : 7 Dec 2019 13:26
 Operator : JU
 Sample : K6162-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122276	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	487449	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	260255	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	503940	20.00	ng	0.00
76) Chrysene-d12	14.06	240	327632	20.00	ng	0.00
87) Perylene-d12	15.54	264	302589	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	934387	133.84	ng	0.02
7) Phenol-d6	6.51	99	1176432	139.32	ng	0.01
23) Nitrobenzene-d5	7.43	82	724983	83.67	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	439025	138.86	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1449185	84.73	ng	0.00
79) Terphenyl-d14	13.00	244	1844372	96.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	112535	38.229	ng	# 83
3) Pyridine	3.55	79	202612	26.678	ng	98
4) n-Nitrosodimethylamine	3.46	42	150720	46.131	ng	97
6) Aniline	6.53	93	94067	8.709	ng	# 87
8) 2-Chlorophenol	6.66	128	373761	47.479	ng	96
9) Benzaldehyde	6.42	77	71408	11.511	ng	97
10) Phenol	6.52	94	419713	43.584	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	311598	44.739	ng	95
12) 1,3-Dichlorobenzene	6.81	146	358358	38.969	ng	98
13) 1,4-Dichlorobenzene	6.89	146	370479	40.009	ng	99
14) 1,2-Dichlorobenzene	7.04	146	351539	40.425	ng	97
15) Benzyl Alcohol	7.01	79	315612	47.881	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	366191	43.728	ng	99
17) 2-Methylphenol	7.12	107	297321	47.487	ng	98
18) Hexachloroethane	7.38	117	132237	38.756	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	235903	45.975	ng	98
20) 3+4-Methylphenols	7.27	107	381838	48.553	ng	91
22) Acetophenone	7.28	105	507280	43.317	ng	95
24) Nitrobenzene	7.45	77	366448	43.047	ng	99
25) Isophorone	7.69	82	655347	44.617	ng	99
26) 2-Nitrophenol	7.77	139	206752	45.440	ng	93
27) 2,4-Dimethylphenol	7.80	122	326262	53.757	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	409477	42.664	ng	99
29) 2,4-Dichlorophenol	8.02	162	319746	45.192	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	332886	40.259	ng	99
31) Naphthalene	8.17	128	1046268	42.738	ng	99
32) Benzoic acid	7.94	122	240083	43.811	ng	98
33) 4-Chloroaniline	8.22	127	46796	4.427	ng	96
34) Hexachlorobutadiene	8.29	225	185754	37.464	ng	97
35) Caprolactam	8.60	113	54279	24.876	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	344467	46.263	ng	97
37) 2-Methylnaphthalene	8.87	142	739570	44.623	ng	99
38) 1-Methylnaphthalene	8.97	142	682480	43.856	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	331579	42.057	ng	99

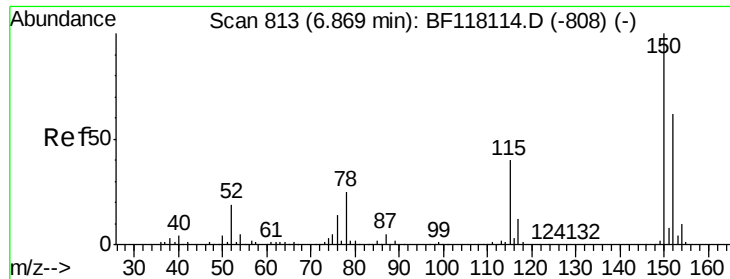
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	327821	92.803	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	237851	45.184	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	257085	47.139	ng	94
46) 1,1'-Biphenyl	9.33	154	905497	44.115	ng	99
47) 2-Chloronaphthalene	9.36	162	696622	42.191	ng	97
48) 2-Nitroaniline	9.46	65	198496	42.156	ng	97
49) Acenaphthylene	9.78	152	1109461	45.557	ng	99
50) Dimethylphthalate	9.64	163	849830	44.208	ng	100
51) 2,6-Dinitrotoluene	9.70	165	190379	45.545	ng	93
52) Acenaphthene	9.95	154	655271	44.084	ng	98
53) 3-Nitroaniline	9.87	138	58722	11.937	ng	99
54) 2,4-Dinitrophenol	9.98	184	178732	85.944	ng	99
55) Dibenzofuran	10.13	168	989422	45.427	ng	96
56) 4-Nitrophenol	10.04	139	317421	92.978	ng	99
57) 2,4-Dinitrotoluene	10.11	165	259055	46.432	ng	95
58) Fluorene	10.47	166	786906	45.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	213466	47.443	ng	99
60) Diethylphthalate	10.34	149	854437	45.113	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	383395	44.023	ng	95
62) 4-Nitroaniline	10.49	138	192950	37.608	ng	99
63) Azobenzene	10.62	77	734607	45.434	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	129390	46.492	ng	90
66) n-Nitrosodiphenylamine	10.58	169	704606	44.773	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	249620	43.393	ng	96
68) Hexachlorobenzene	11.02	284	289047	42.690	ng	# 91
69) Atrazine	11.11	200	210586	53.926	ng	96
70) Pentachlorophenol	11.22	266	318502	100.027	ng	97
71) Phenanthrene	11.43	178	1189761	44.412	ng	100
72) Anthracene	11.49	178	1233929	46.173	ng	99
73) Carbazole	11.64	167	1052039	43.877	ng	100
74) Di-n-butylphthalate	11.97	149	1360346	45.333	ng	99
75) Fluoranthene	12.63	202	1227185	44.806	ng	99
77) Benzidine	12.74	184	76547	8.875	ng	100
78) Pyrene	12.86	202	1230840	47.672	ng	99
80) Butylbenzylphthalate	13.47	149	556614	47.603	ng	96
81) Benzo(a)anthracene	14.05	228	996101	43.969	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	129821	17.448	ng	98
83) Chrysene	14.09	228	956237	44.188	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	769797	49.927	ng	99
85) Di-n-octyl phthalate	14.64	149	1171954	50.177	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	941093	51.685	ng	100
88) Benzo(b)fluoranthene	15.11	252	878701	43.908	ng	99
89) Benzo(k)fluoranthene	15.14	252	825680	42.948	ng	99
90) Benzo(a)pyrene	15.49	252	804972	45.544	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	784569	51.754	ng	99
92) Benzo(g,h,i)perylene	17.52	276	789005	54.162	ng	98

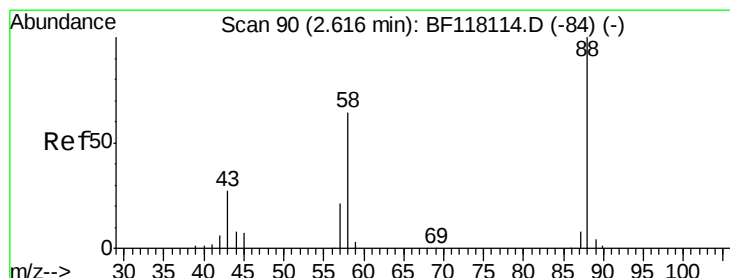
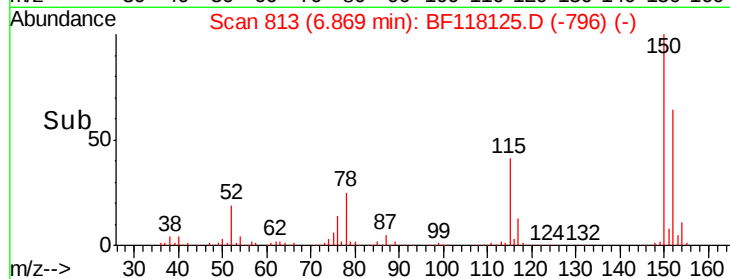
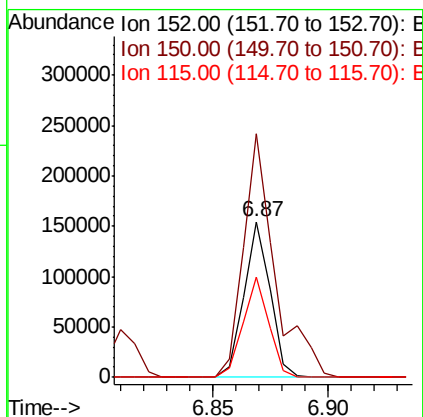
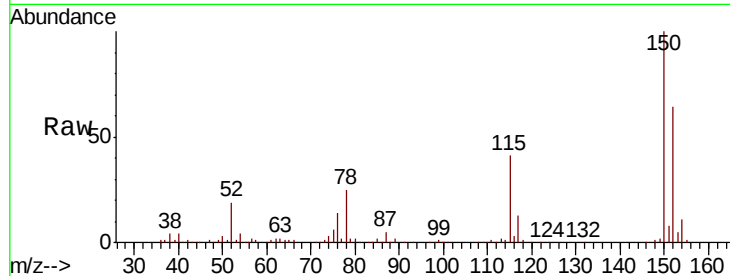
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

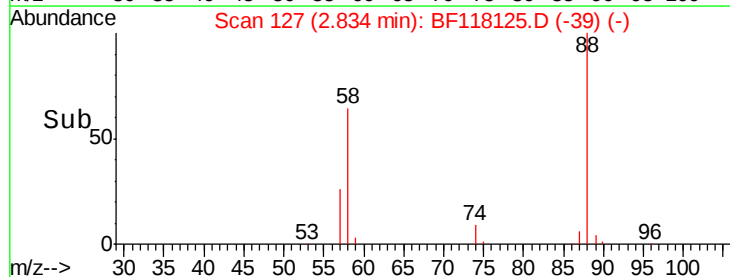
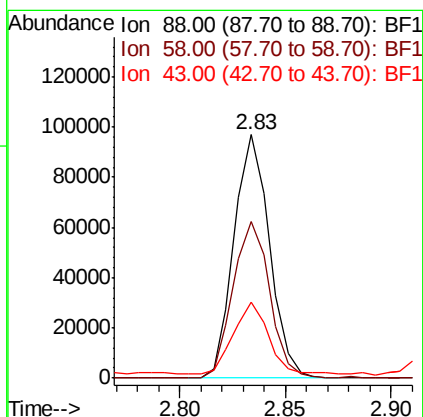
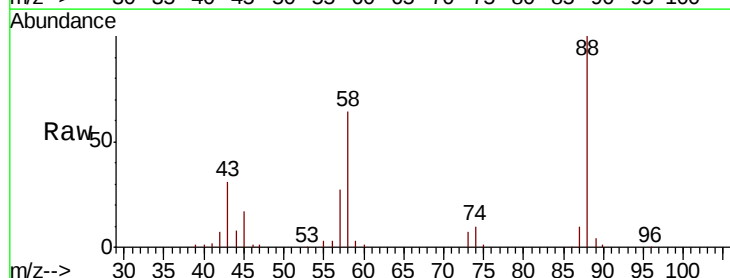
Instrument :
 BNA_F
 ClientSampleId :

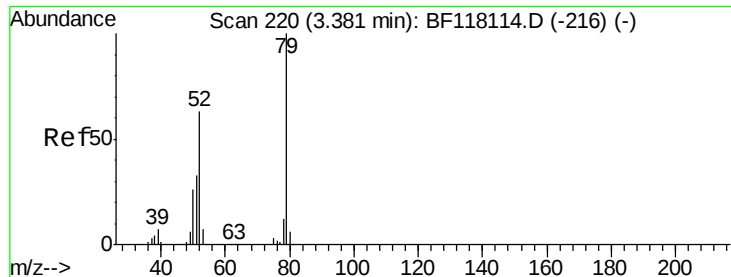
Tot Ion:152 Resp: 122276
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.3 192.5
 115 64.2 51.1 76.7



#2
 1,4-Dioxane
 Concen: 38.229 ng
 RT: 2.83 min Scan# 127
 Delta R.T. 0.22 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion: 88 Resp: 112535
 Ion Ratio Lower Upper
 88 100
 58 67.2 52.2 78.4
 43 0.0 21.4 32.2#





#3

Pvridine

Concen: 26.678 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.16 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

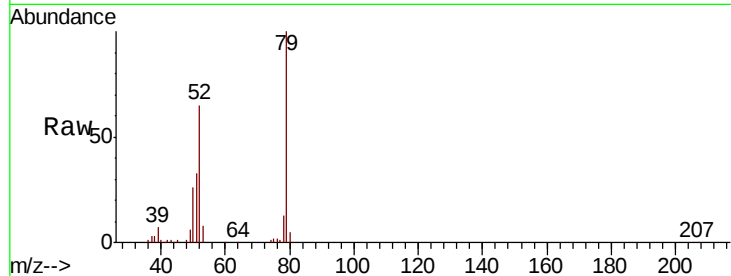
Tot Ion: 79 Resp: 202612

Ion Ratio Lower Upper

79 100

52 65.2 50.7 76.1

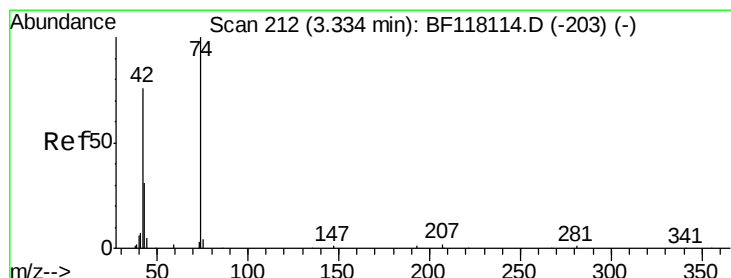
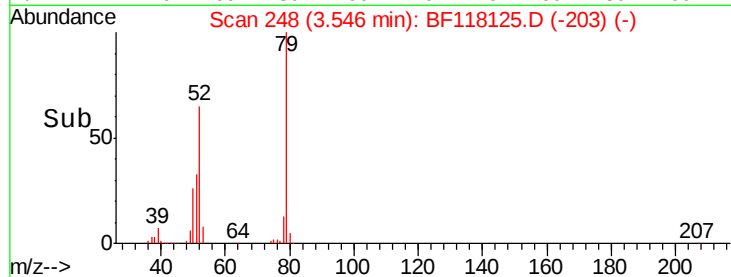
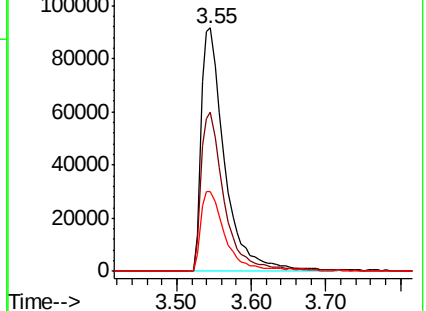
51 32.7 26.4 39.6



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: 46.131 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.12 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

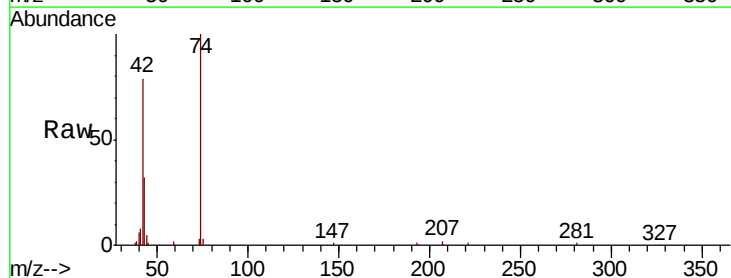
Tgt Ion: 42 Resp: 150720

Ion Ratio Lower Upper

42 100

74 126.6 104.6 157.0

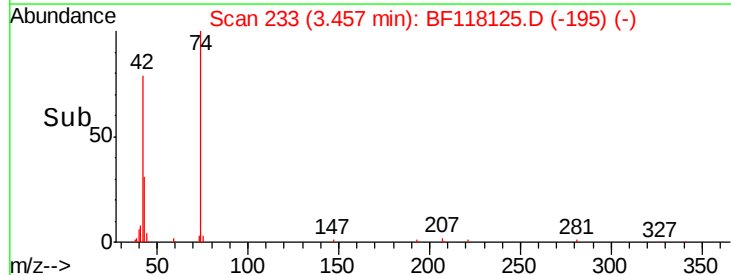
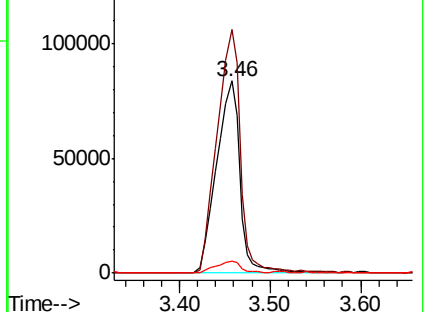
44 6.1 5.1 7.7



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: 133.840 ng

RT: 5.50 min Scan# 581

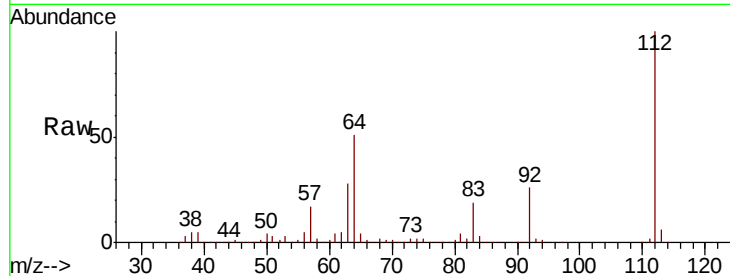
Delta R.T. 0.02 min

Lab File: BF118125.D

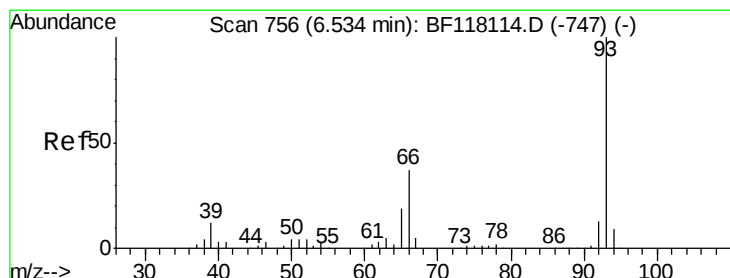
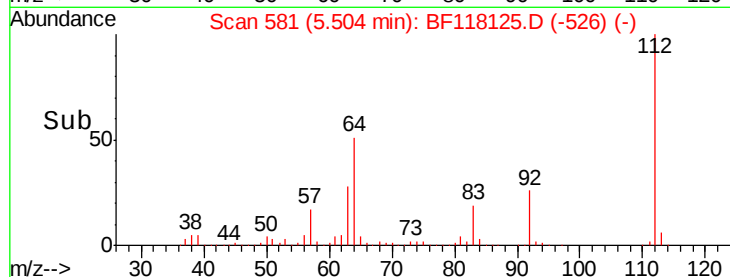
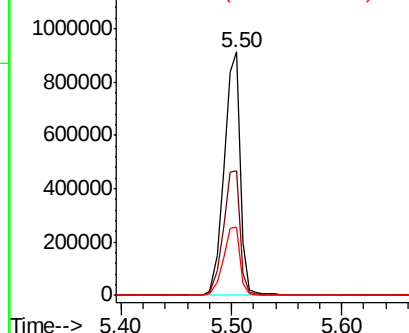
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	934387
Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.3	61.9
63	28.1	22.4	33.6



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: 8.709 ng

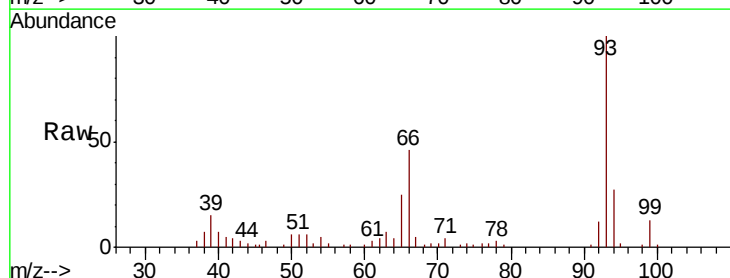
RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

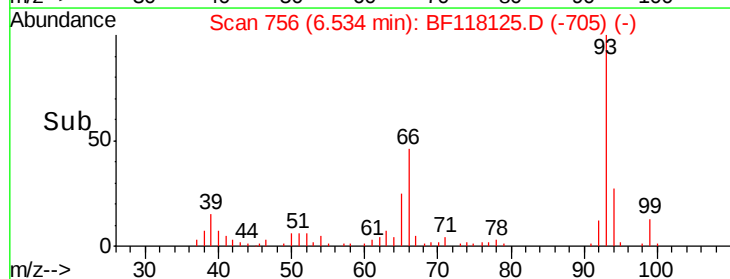
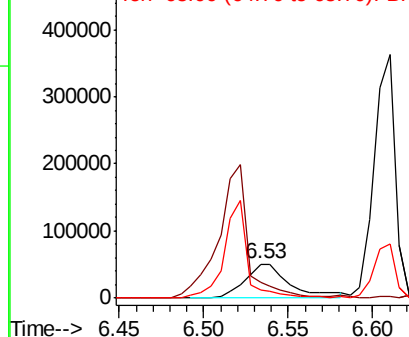
Lab File: BF118125.D

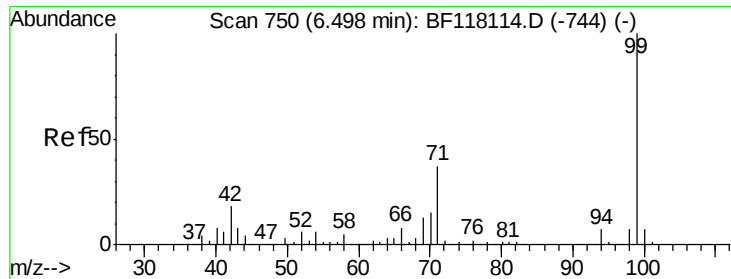
Acq: 7 Dec 2019 13:26

Tgt Ion:	93	Resp:	94067
Ion	Ratio	Lower	Upper
93	100		
66	45.8	30.2	45.2#
65	24.7	15.5	23.3#



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: 139.319 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

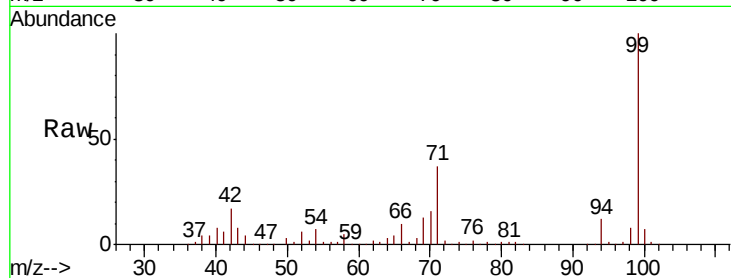
Tot Ion: 99 Resp: 1176432

Ion Ratio Lower Upper

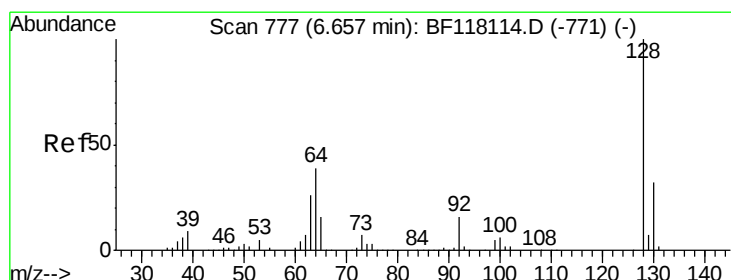
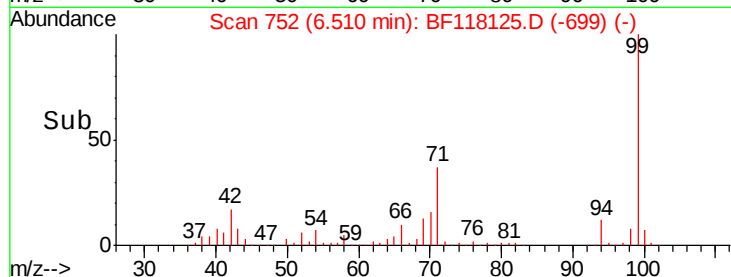
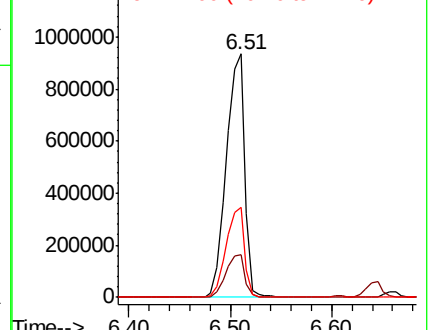
99 100

42 17.3 14.1 21.1

71 37.2 29.7 44.5



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: 47.479 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

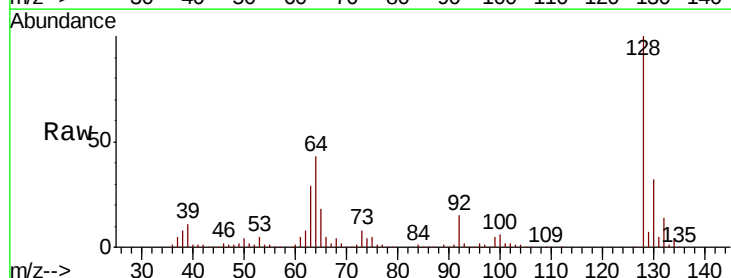
Tgt Ion:128 Resp: 373761

Ion Ratio Lower Upper

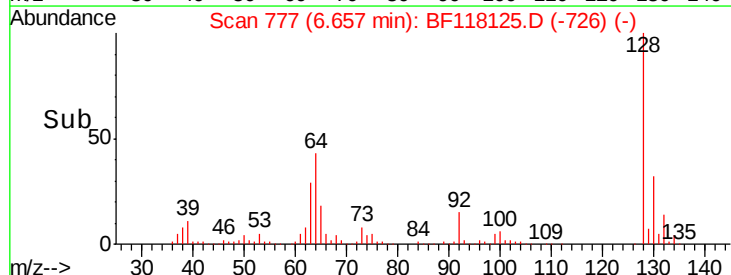
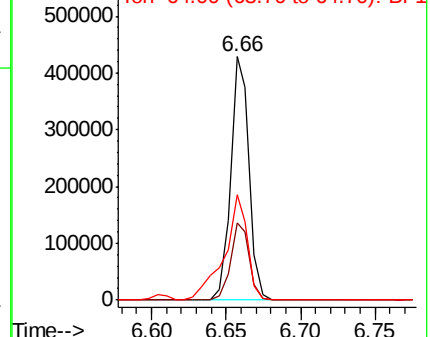
128 100

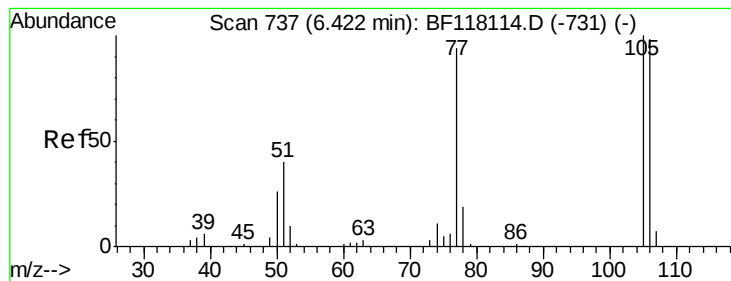
130 31.6 12.1 52.1

64 43.4 19.3 59.3



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: 11.511 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampled :

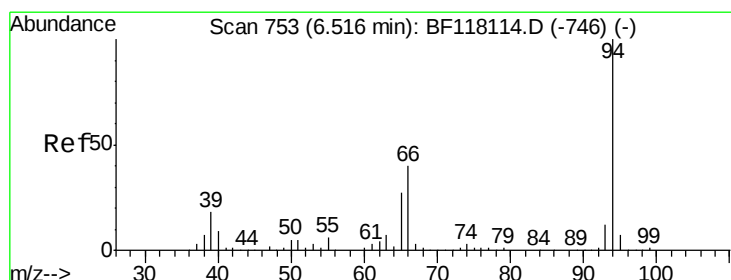
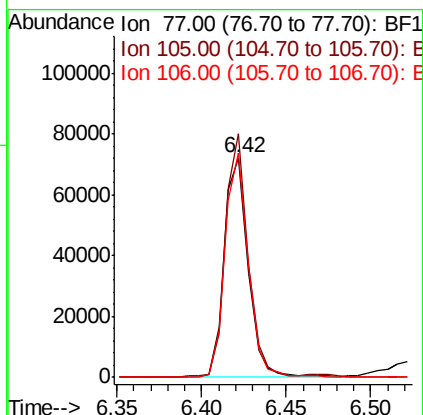
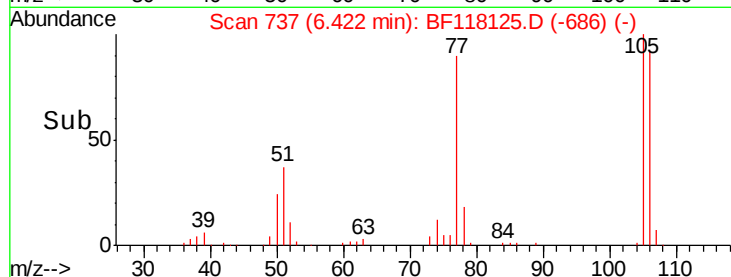
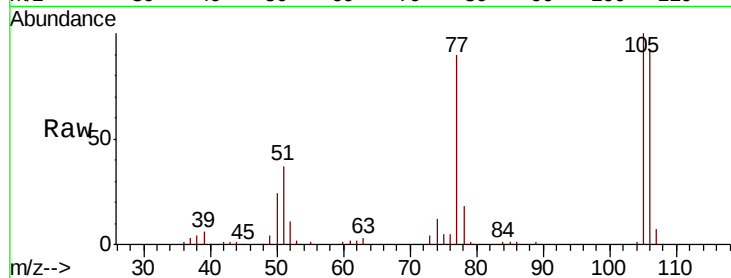
Tot Ion: 77 Resp: 71408

Ion Ratio Lower Upper

77 100

105 110.9 86.4 126.4

106 102.4 83.8 123.8



#10

Phenol

Concen: 43.584 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

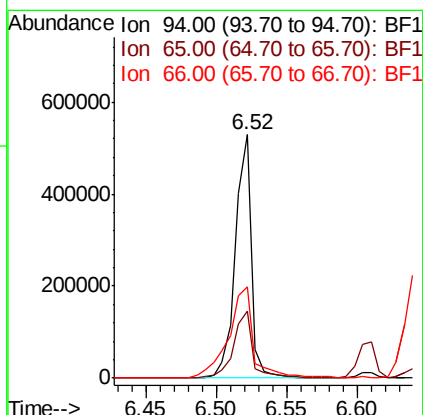
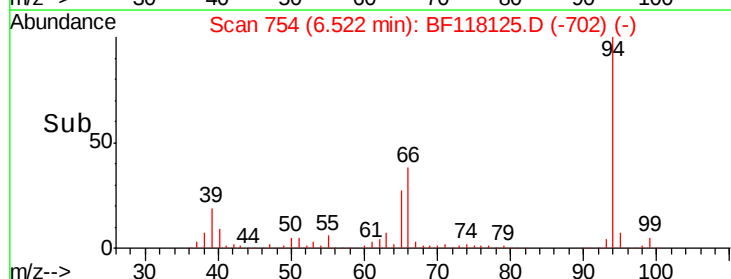
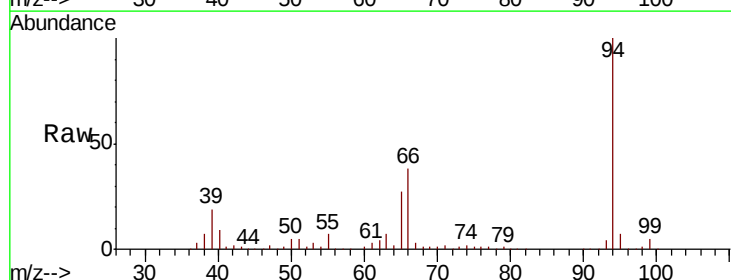
Tgt Ion: 94 Resp: 419713

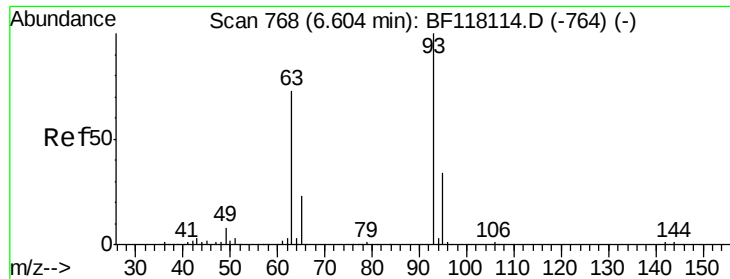
Ion Ratio Lower Upper

94 100

65 27.5 7.3 47.3

66 37.5 20.2 60.2

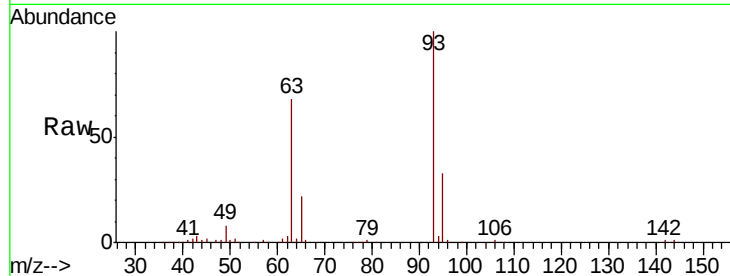




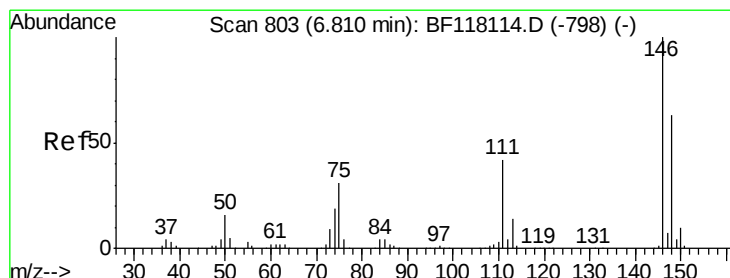
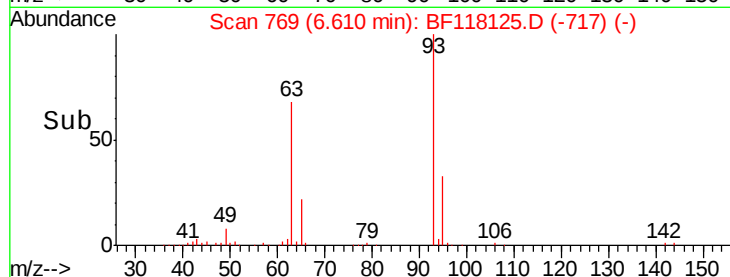
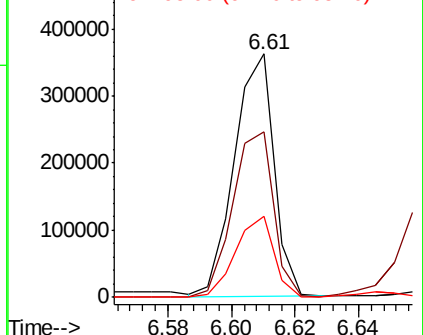
#11
bis(2-Chloroethyl)ether
Concen: 44.739 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 311598
Ion Ratio Lower Upper
93 100
63 68.0 53.2 93.2
95 33.3 13.8 53.8

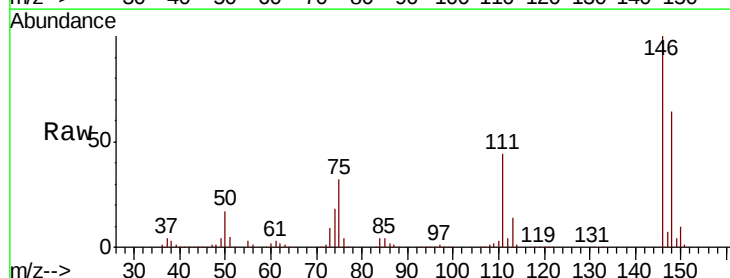


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

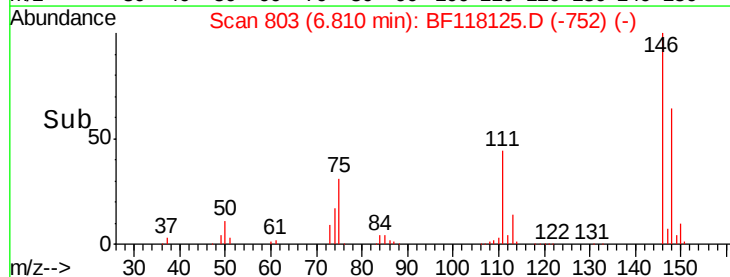
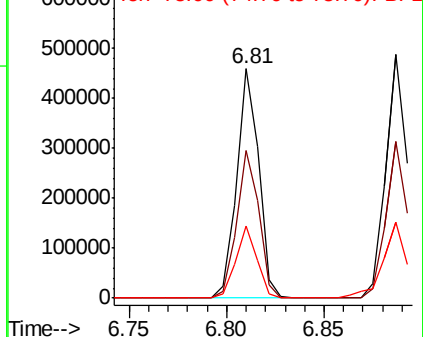


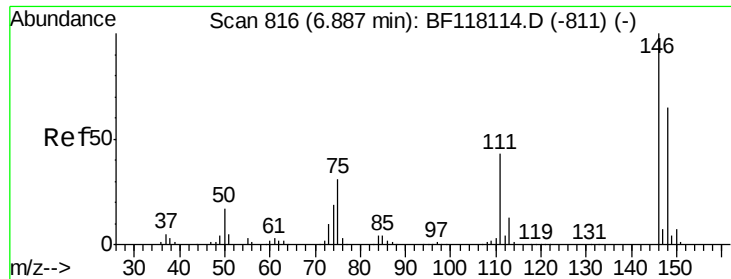
#12
1,3-Dichlorobenzene
Concen: 38.969 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion: 146 Resp: 358358
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.4
75 31.5 24.6 37.0



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

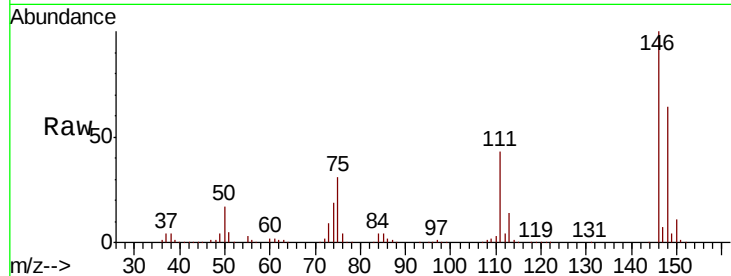




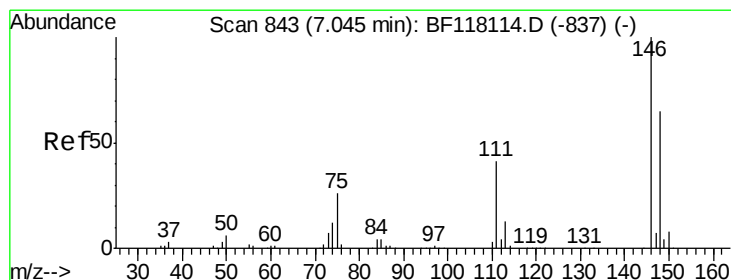
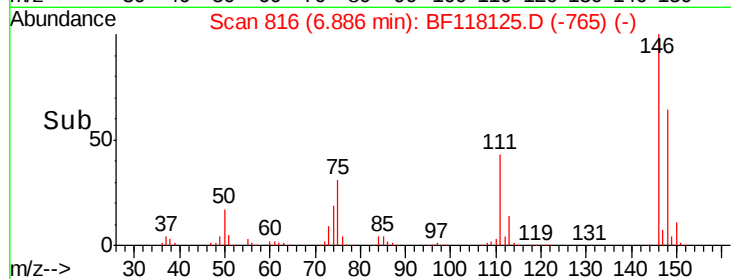
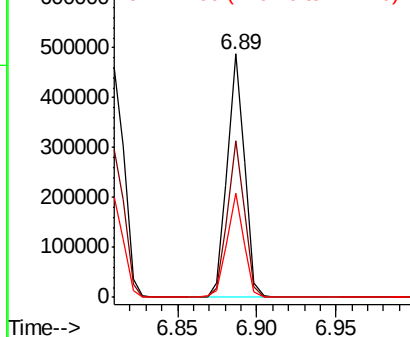
#13
 1,4-Dichlorobenzene
 Concen: 40.009 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 370479
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.1 78.1
 111 42.8 34.6 52.0

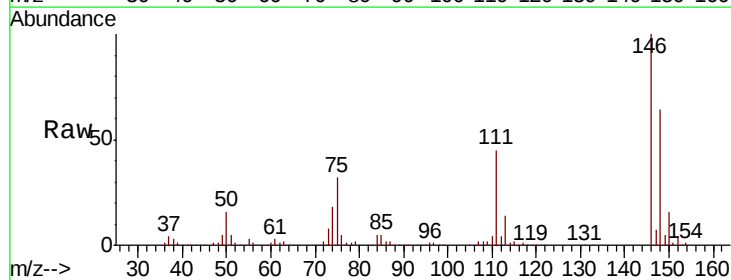


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

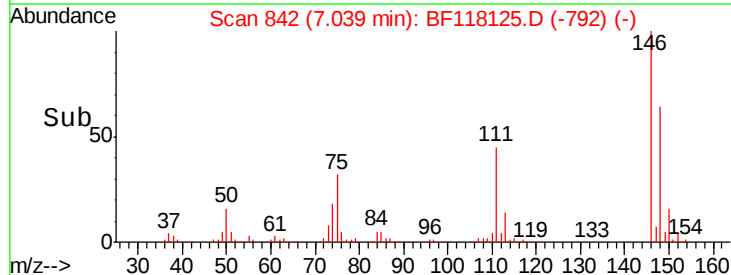
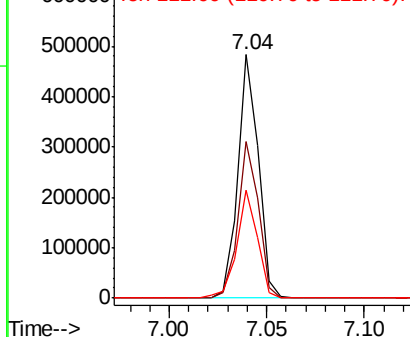


#14
 1,2-Dichlorobenzene
 Concen: 40.425 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion:146 Resp: 351539
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 44.6 33.1 49.7



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





#15

Benzyl Alcohol

Concen: 47.881 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

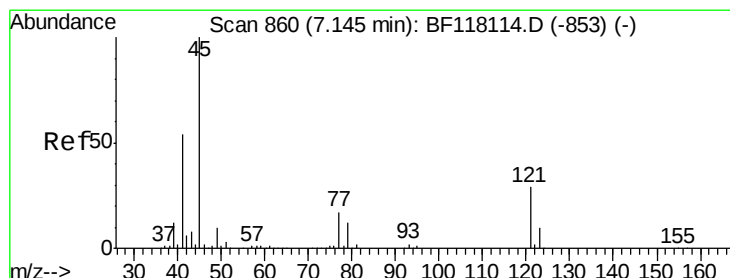
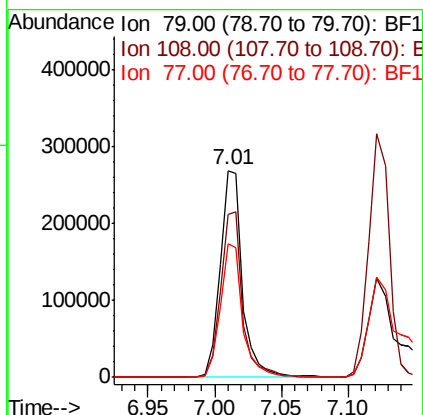
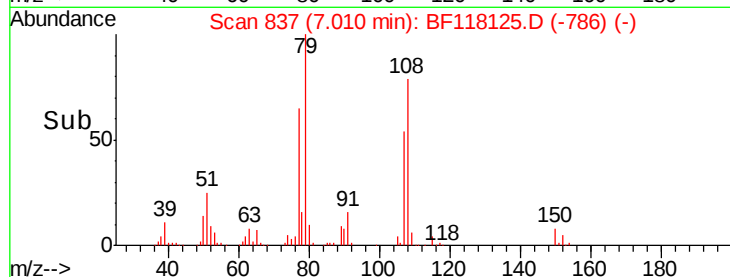
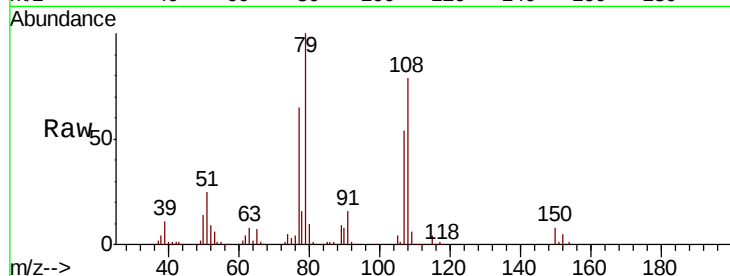
Tot Ion: 79 Resp: 315612

Ion Ratio Lower Upper

79 100

108 78.5 62.7 94.1

77 64.7 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.728 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

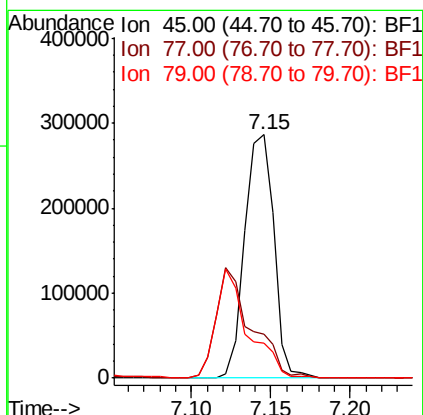
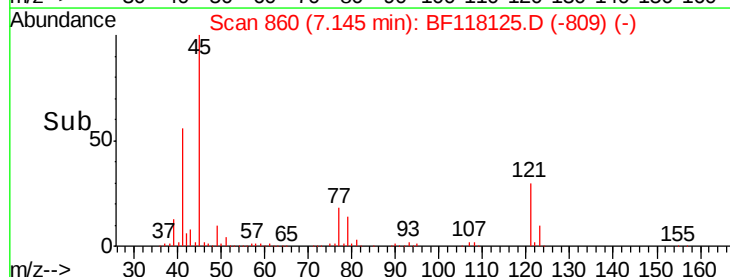
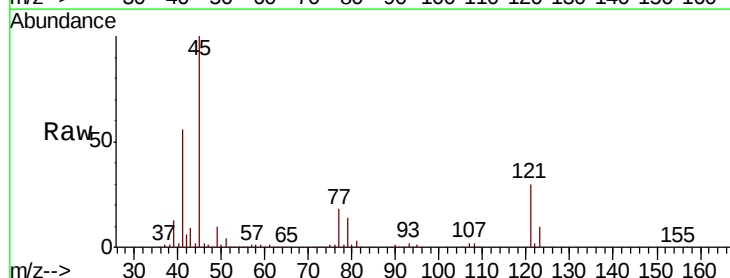
Tgt Ion: 45 Resp: 366191

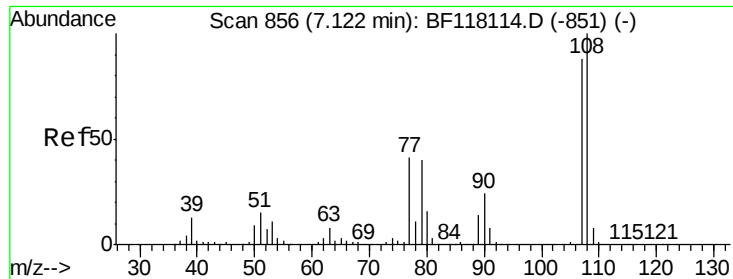
Ion Ratio Lower Upper

45 100

77 18.2 0.0 38.0

79 14.3 0.0 33.2

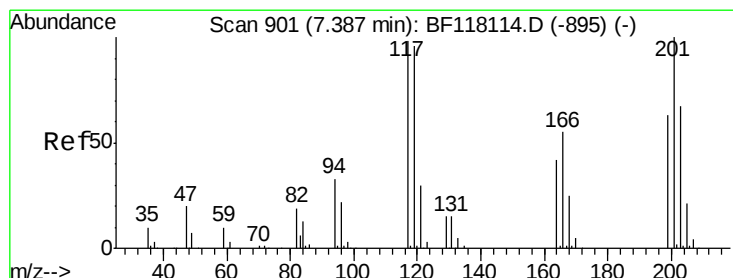
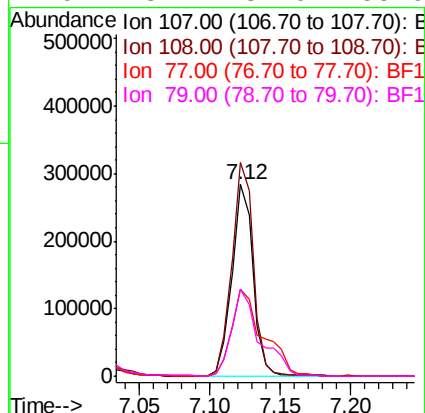
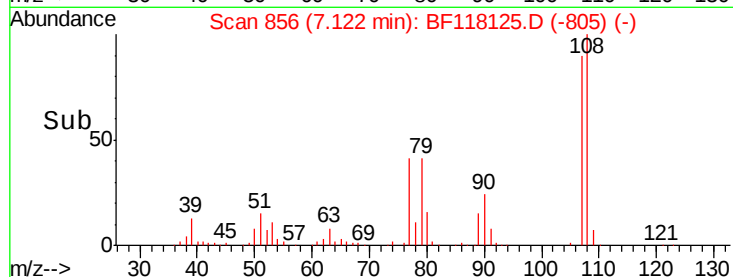
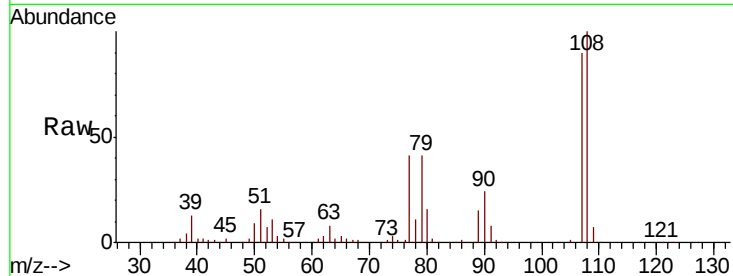




#17
2-Methylphenol
Concen: 47.487 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

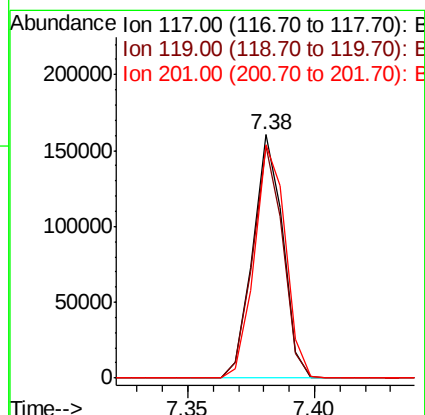
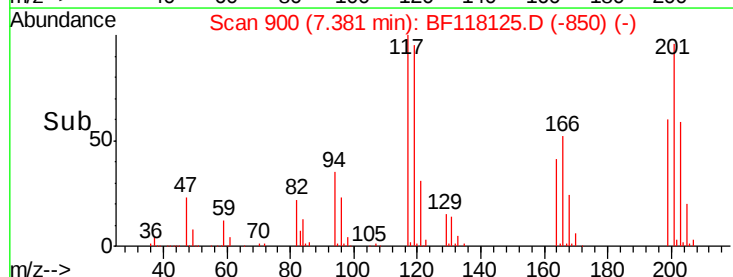
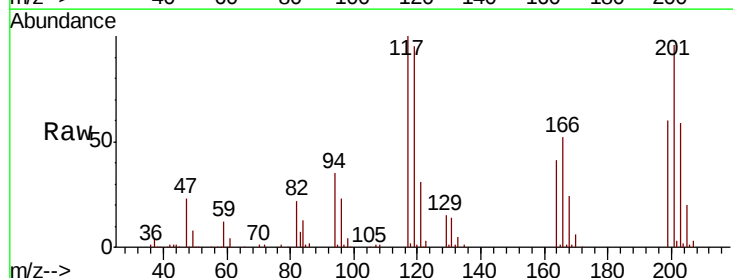
Instrument :
BNA_F
ClientSampled :

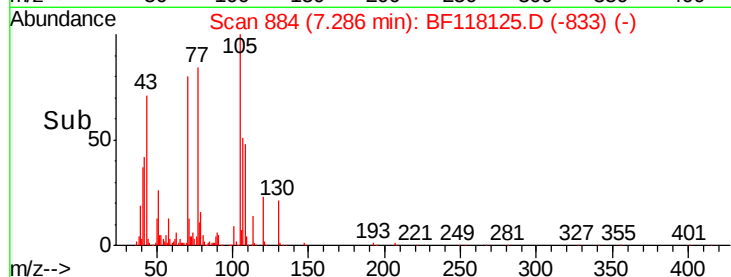
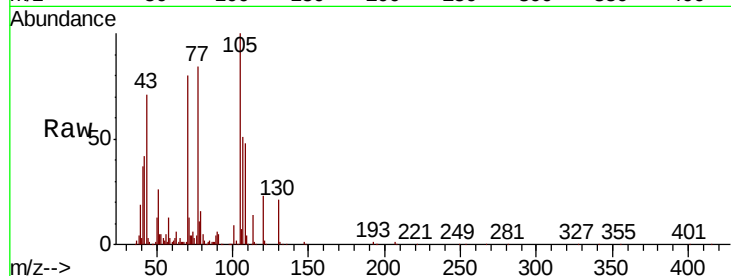
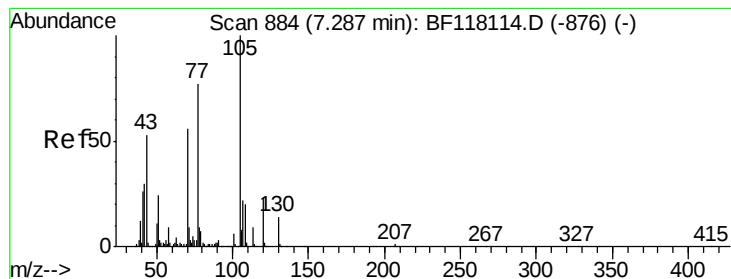
Tot Ion:	107	Resp:	297321
Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.1	136.7
77	45.6	37.8	56.6
79	45.4	37.0	55.6



#18
Hexachloroethane
Concen: 38.756 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:	117	Resp:	132237
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.4
201	96.1	81.6	122.4





#19

n-Nitroso-di-n-propylamine

Concen: 45.975 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 235903

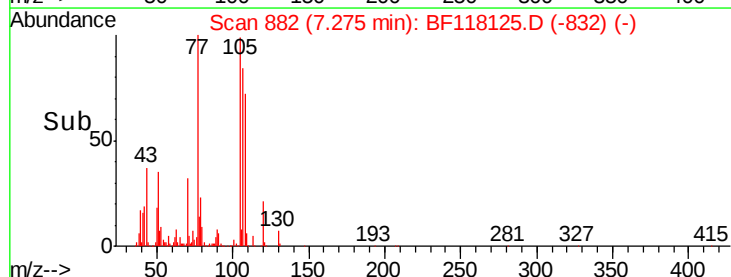
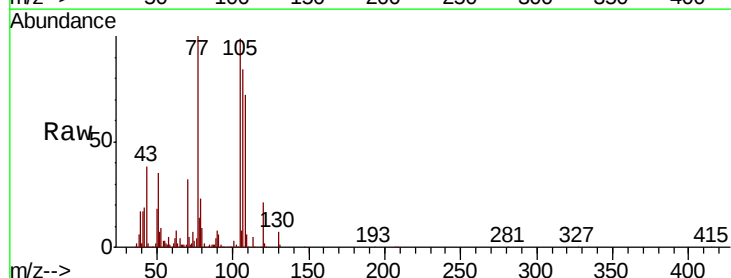
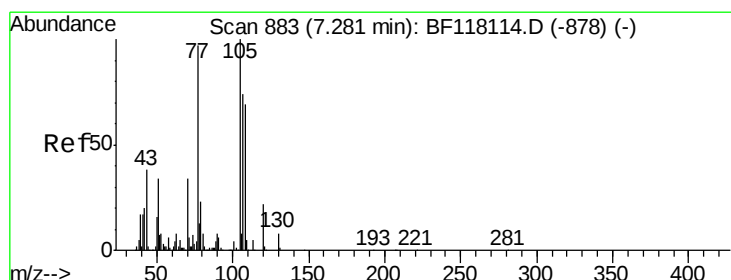
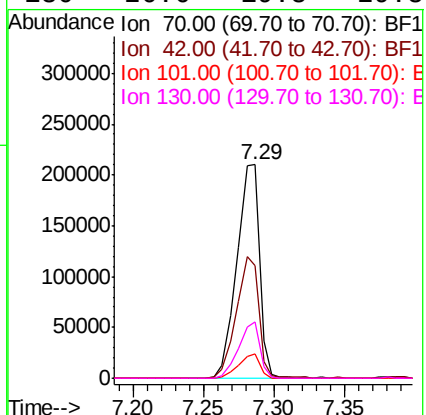
Ion Ratio Lower Upper

70 100

42 52.6 43.2 64.8

101 11.1 8.1 12.1

130 26.6 19.8 29.8



#20

3+4-Methylphenols

Concen: 48.553 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion: 107 Resp: 381838

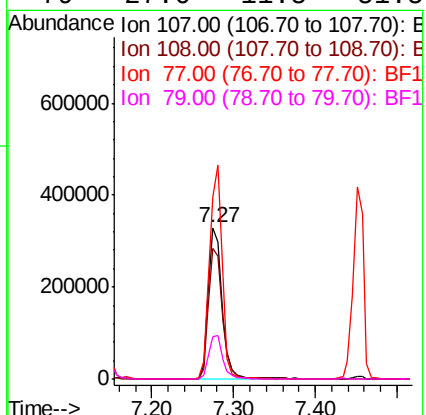
Ion Ratio Lower Upper

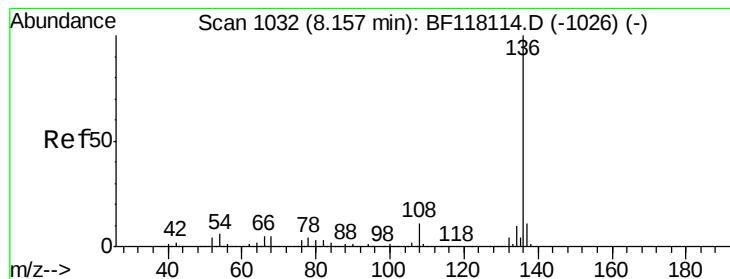
107 100

108 85.9 73.2 113.2

77 119.5 110.9 150.9

79 27.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 487449

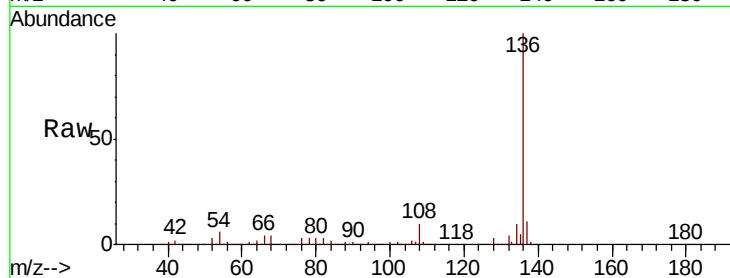
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.8 5.0 7.6

68 4.2 3.8 5.8

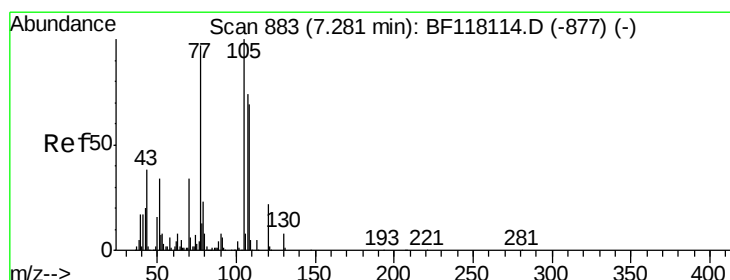
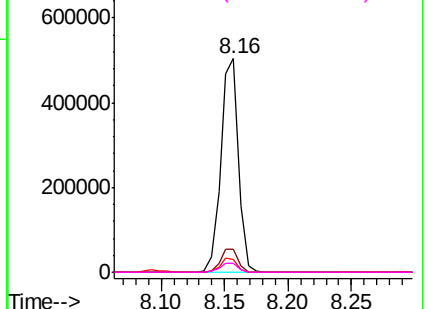
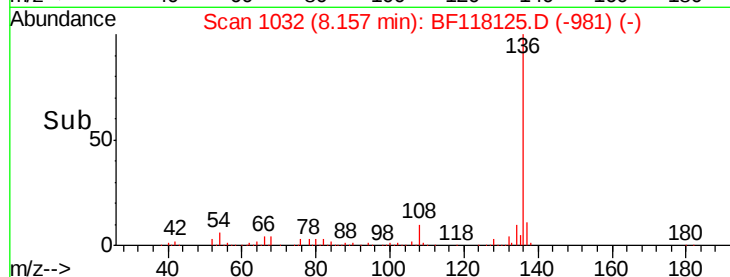


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.317 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:105 Resp: 507280

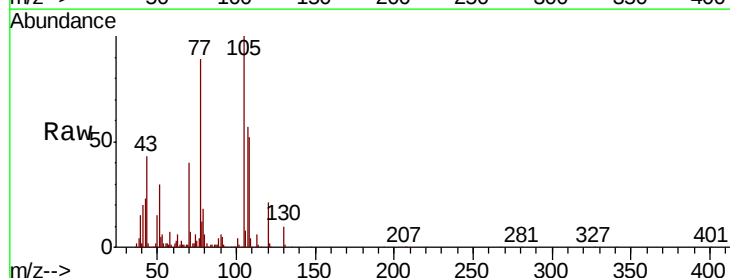
Ion Ratio Lower Upper

105 100

71 6.9 4.7 7.1

51 29.7 27.1 40.7

120 21.4 17.8 26.6

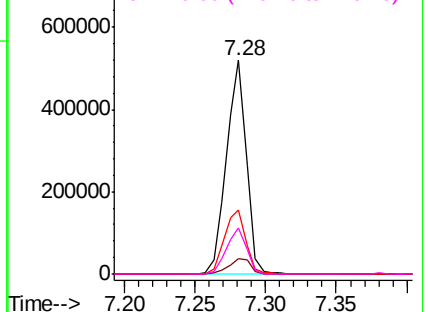
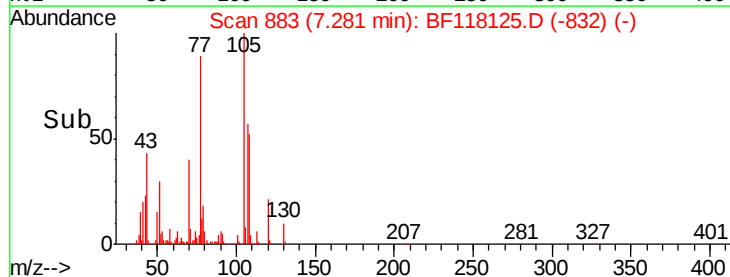


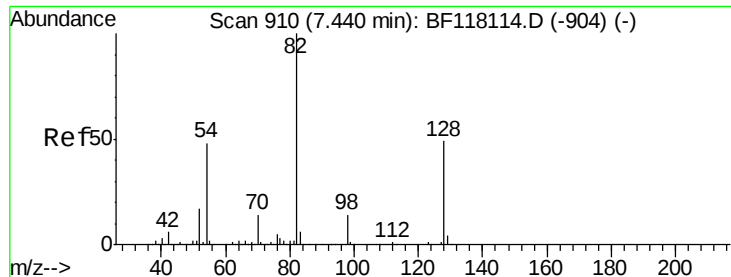
Abundance Ion 105.00 (104.70 to 105.70): E

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

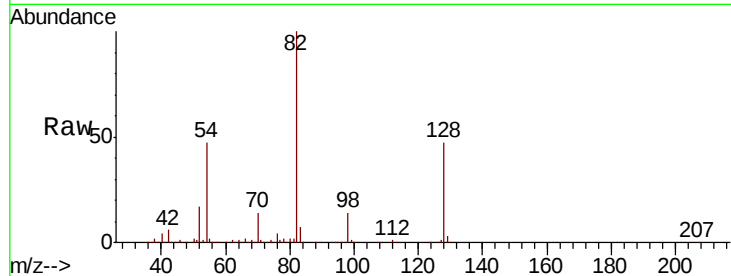




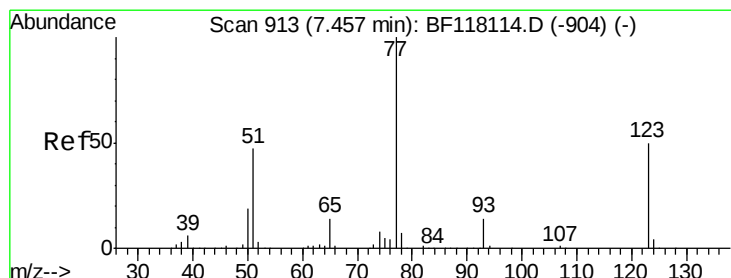
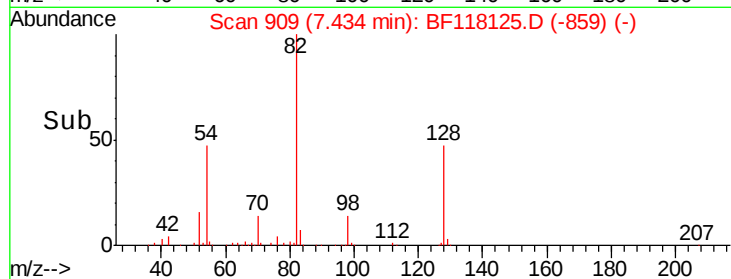
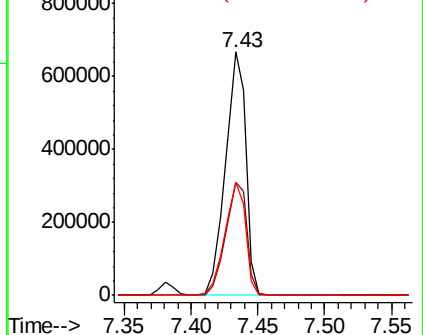
#23
 Nitrobenzene-d5
 Concen: 83.672 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 724983
 Ion Ratio Lower Upper
 82 100
 128 46.7 39.1 58.7
 54 46.7 38.2 57.2

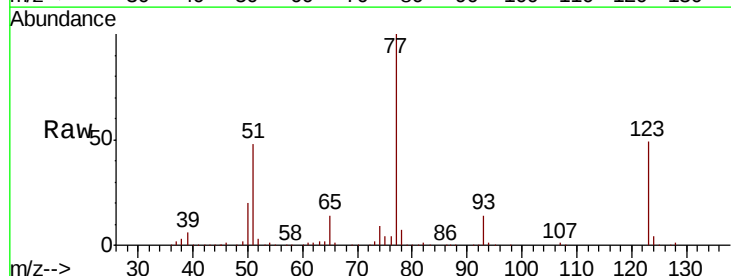


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

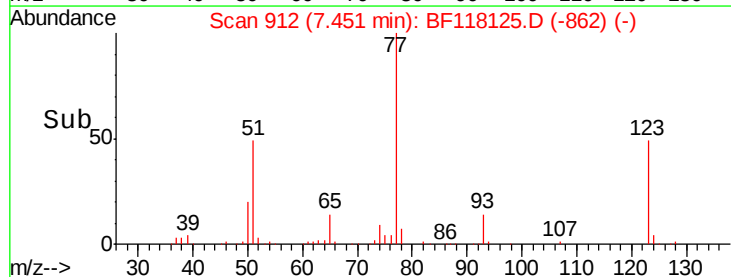
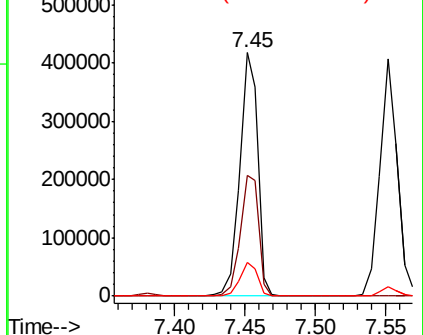


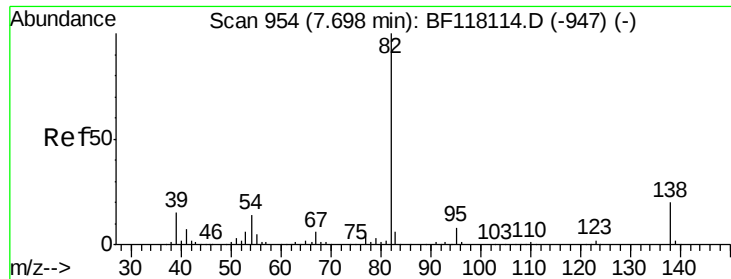
#24
 Nitrobenzene
 Concen: 43.047 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion: 77 Resp: 366448
 Ion Ratio Lower Upper
 77 100
 123 49.4 40.1 60.1
 65 13.8 10.9 16.3



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: 44.617 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

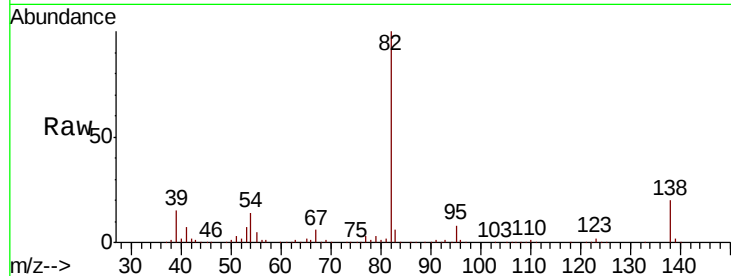
Tot Ion: 82 Resp: 655347

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

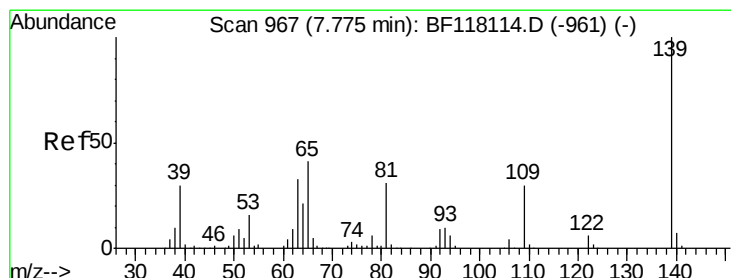
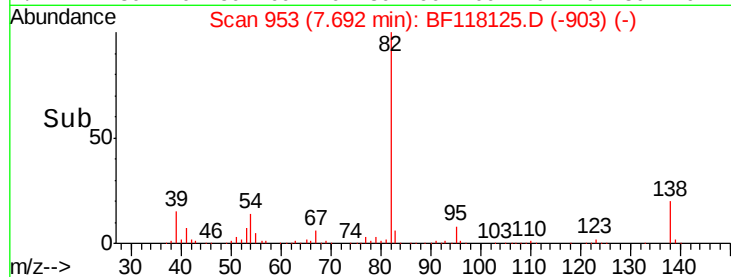
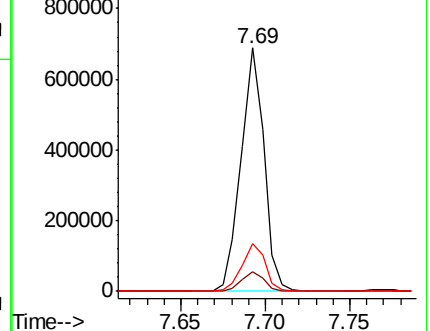
138 19.7 16.3 24.5



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: 45.440 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

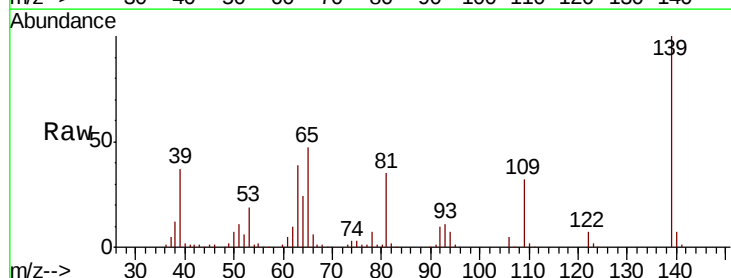
Tgt Ion: 139 Resp: 206752

Ion Ratio Lower Upper

139 100

109 32.0 23.9 35.9

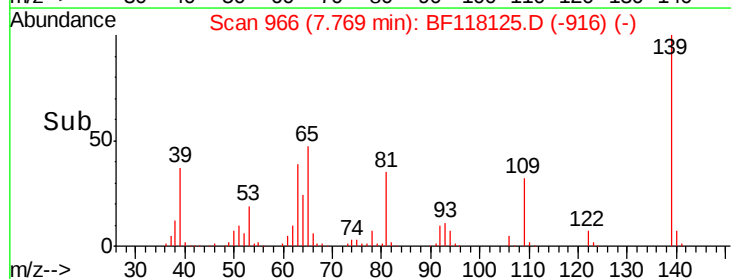
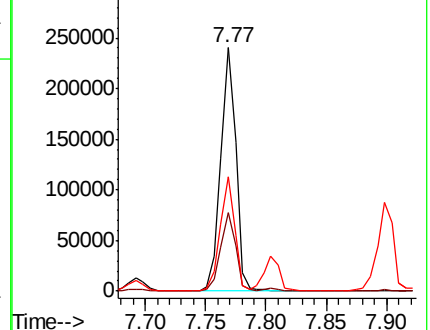
65 47.0 33.0 49.6

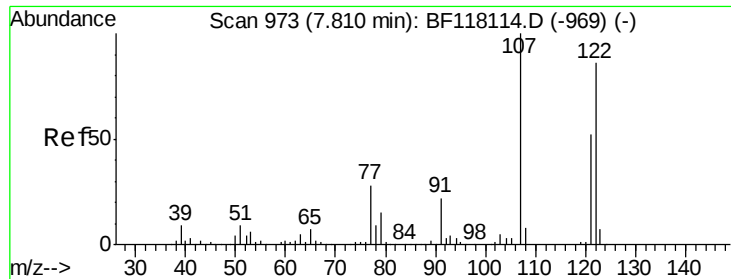


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

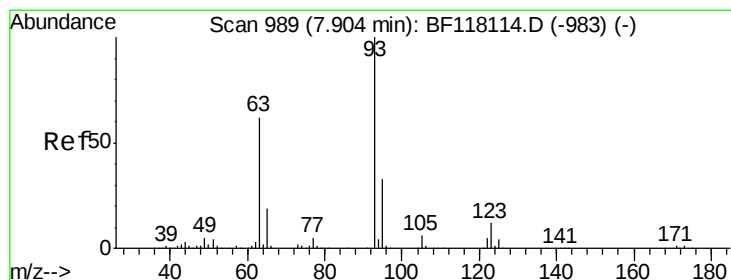
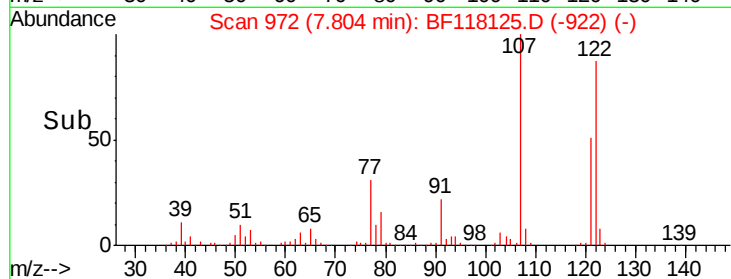
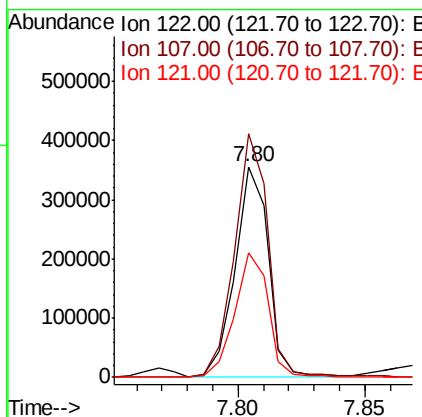
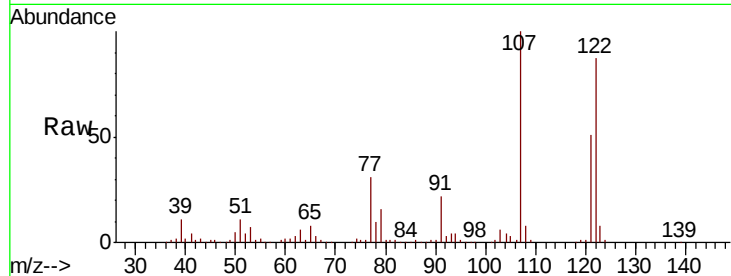




#27
2,4-Dimethylphenol
Concen: 53.757 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

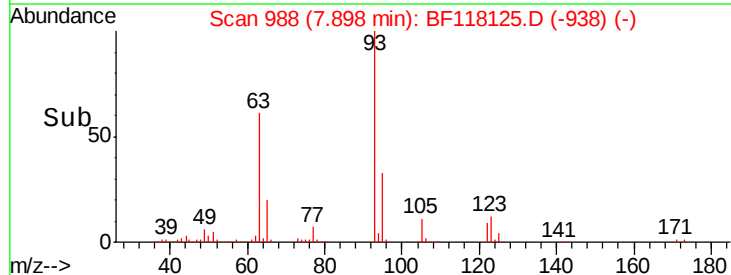
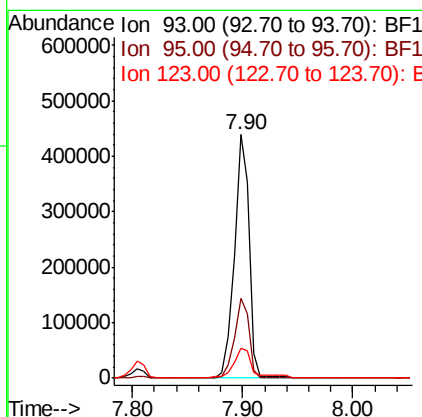
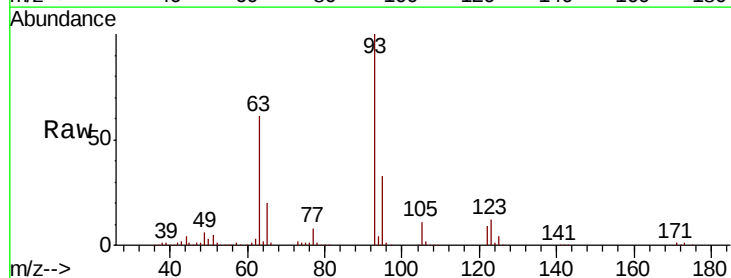
Instrument :
BNA_F
ClientSampled :

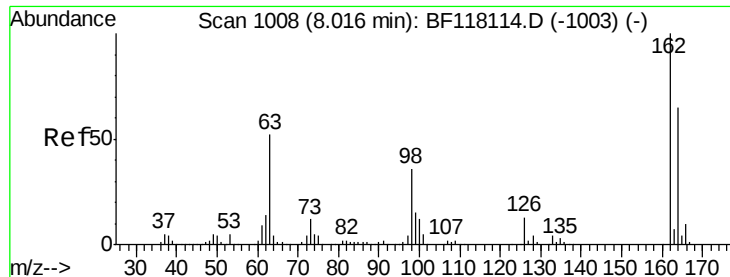
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	92.9	139.3
121	58.8	48.3	72.5



#28
bis(2-Chloroethoxy)methane
Concen: 42.664 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.7	40.1
123	12.0	10.0	15.0

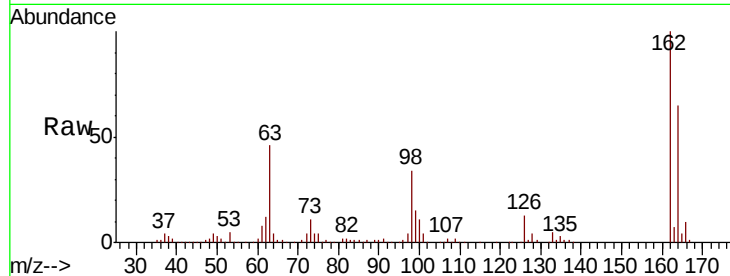




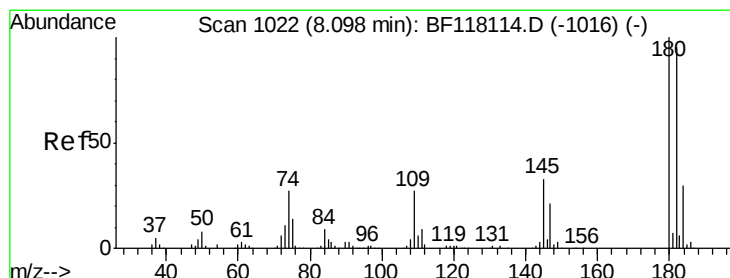
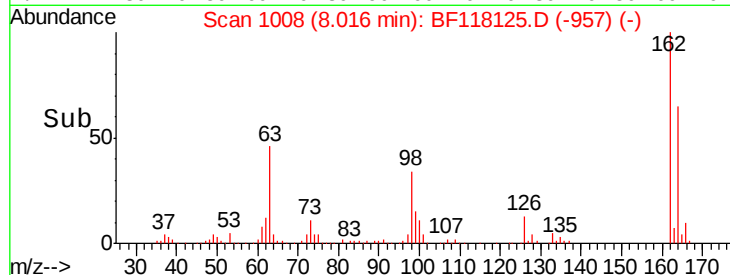
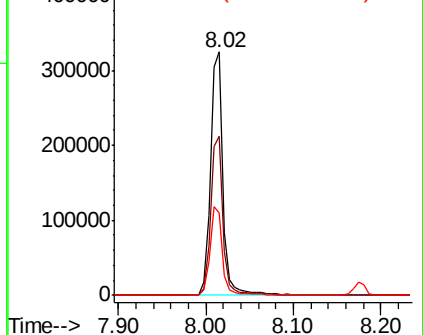
#29
 2,4-Dichlorophenol
 Concen: 45.192 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 319746
 Ion Ratio Lower Upper
 162 100
 164 65.4 45.2 85.2
 98 33.7 15.9 55.9

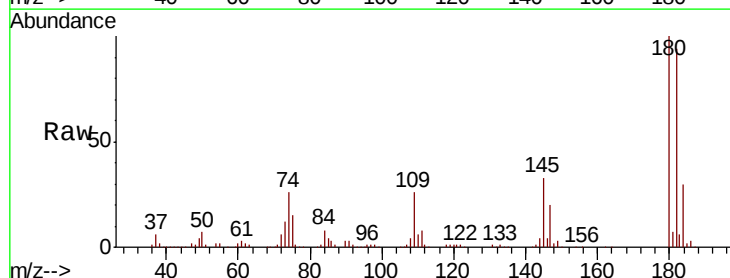


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

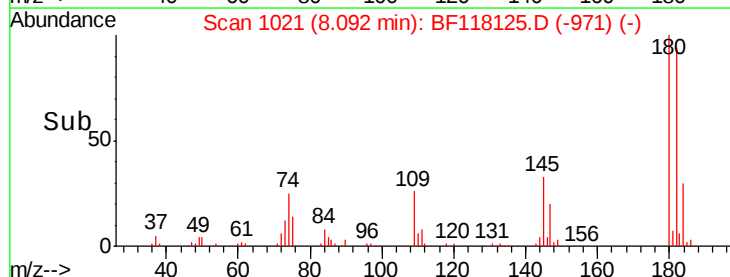
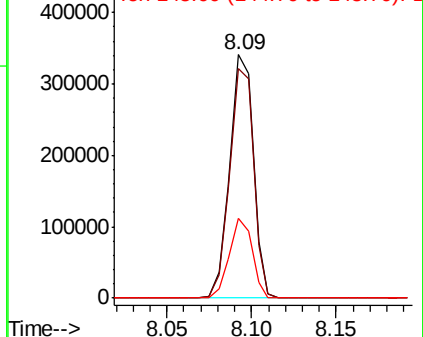


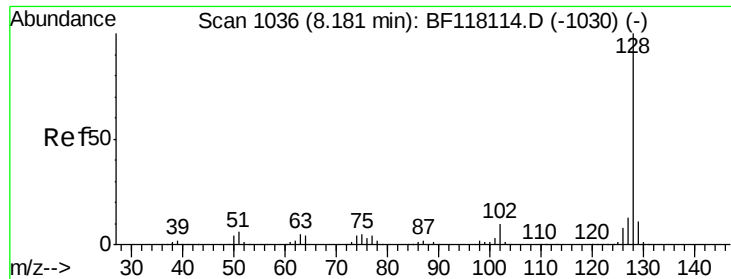
#30
 1,2,4-Trichlorobenzene
 Concen: 40.259 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion:180 Resp: 332886
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.1 114.1
 145 32.6 26.1 39.1



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

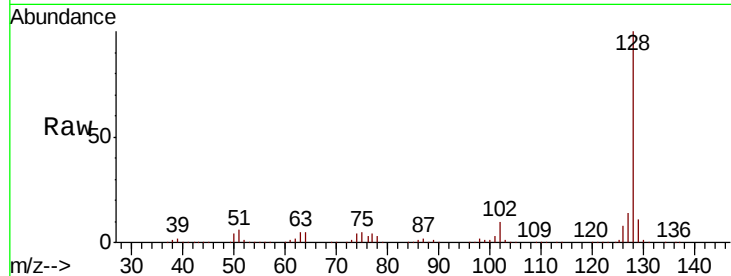




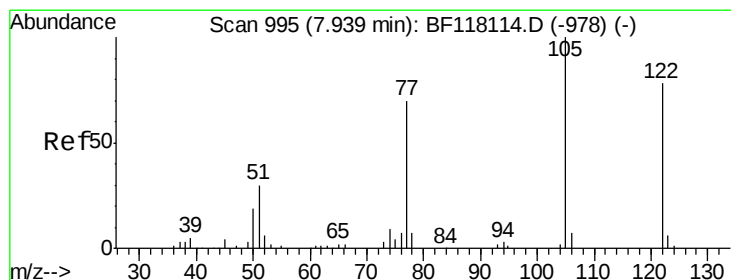
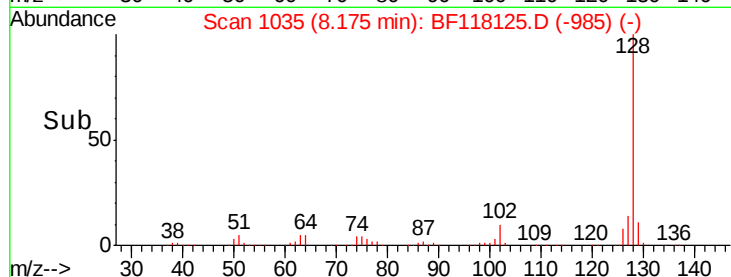
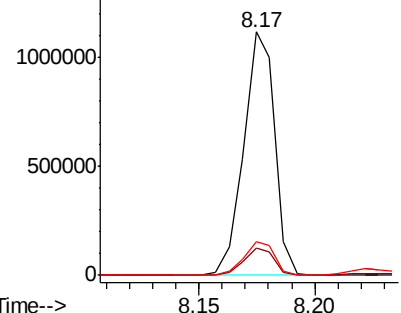
#31
Naphthalene
Concen: 42.738 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1046268
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.9 10.6 16.0

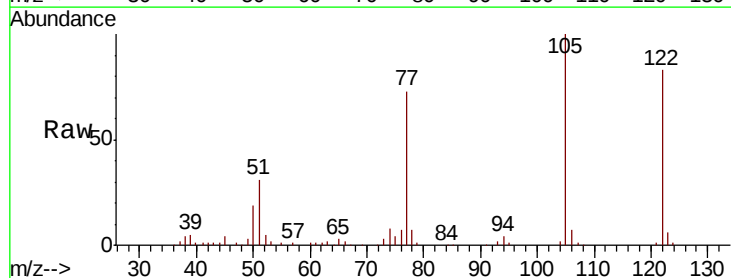


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

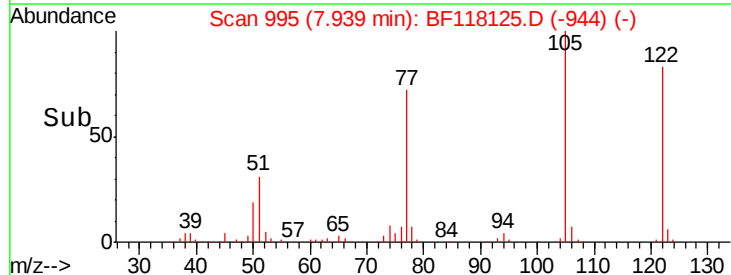
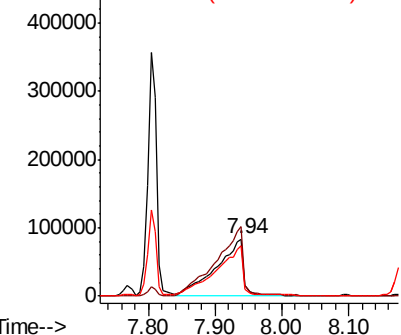


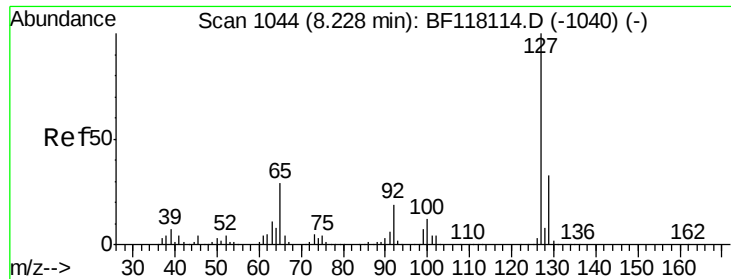
#32
Benzoic acid
Concen: 43.811 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:122 Resp: 240083
Ion Ratio Lower Upper
122 100
105 120.8 104.7 144.7
77 88.5 69.1 109.1



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

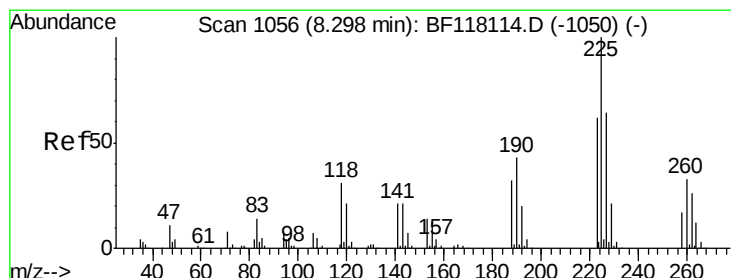
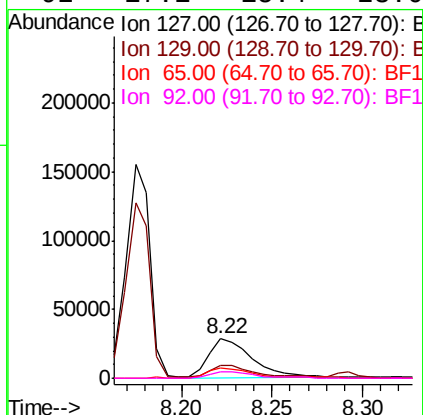
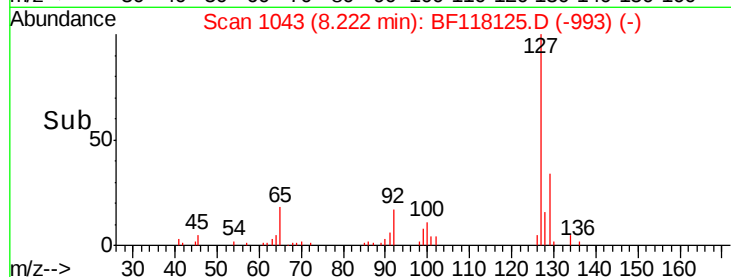
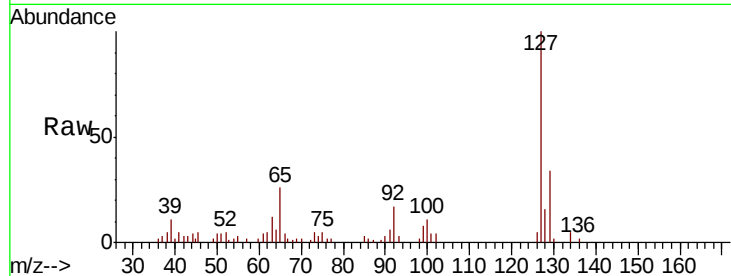




#33
4-Chloroaniline
Concen: 4.427 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

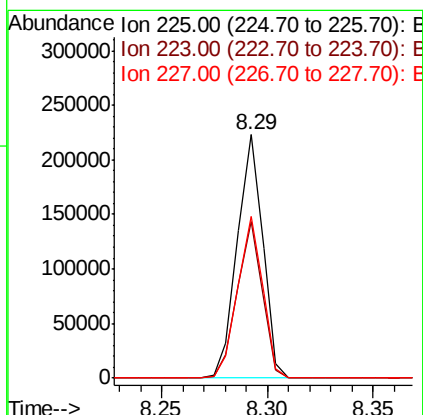
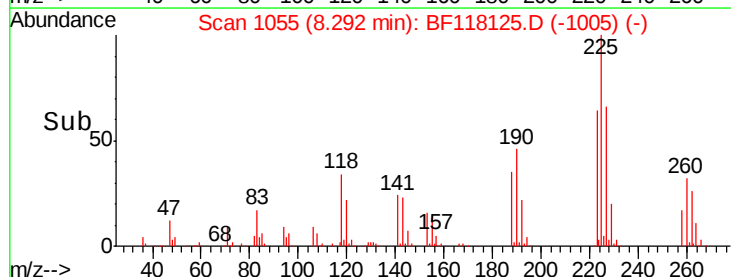
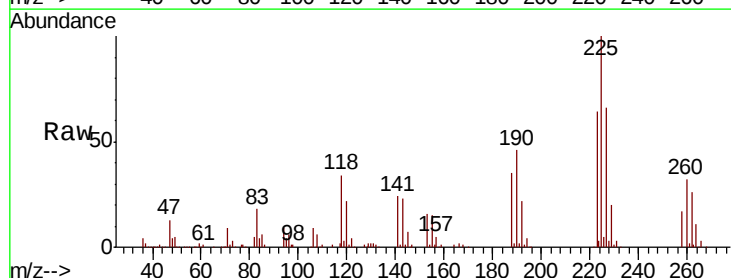
Instrument :
BNA_F
ClientSampled :

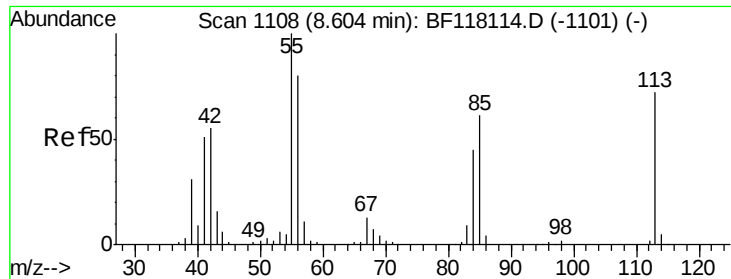
Tot Ion:127	Resp:	46796	
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.6	40.0
65	25.9	23.2	34.8
92	17.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 37.464 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	225	Resp: Lower	185754 Upper
	Ratio		
225	100		
223	64.3	49.6	74.4
227	66.5	51.0	76.6

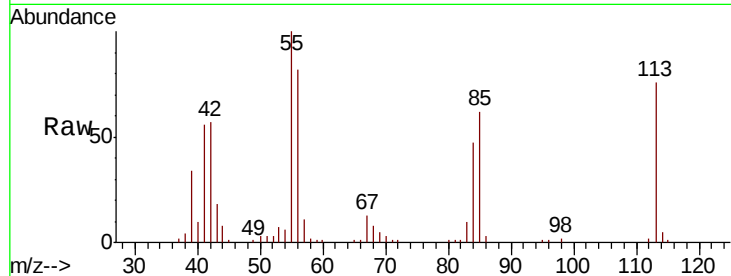




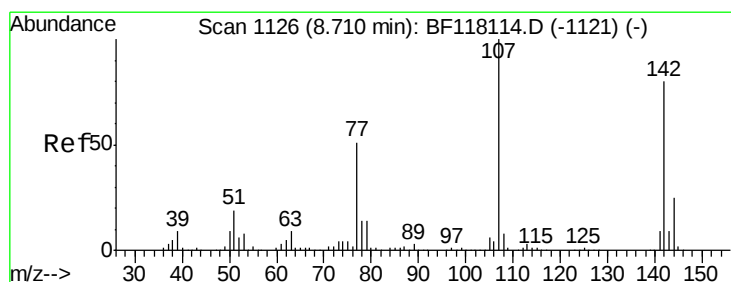
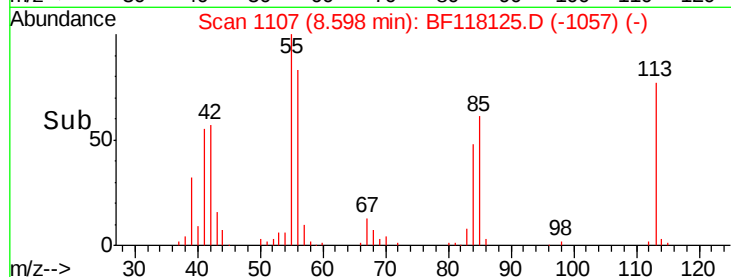
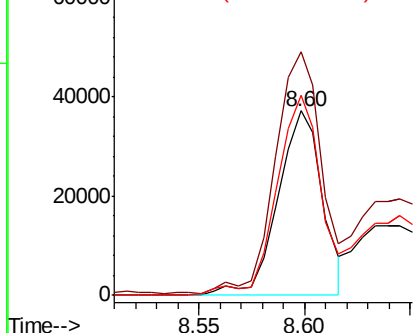
#35
Caprolactam
Concen: 24.876 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 54279
Ion Ratio Lower Upper
113 100
55 132.0 118.9 158.9
56 108.2 91.4 131.4

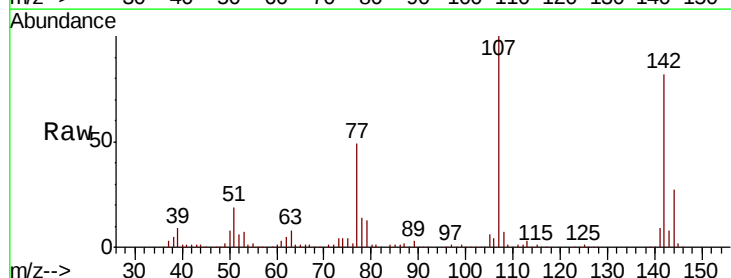


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

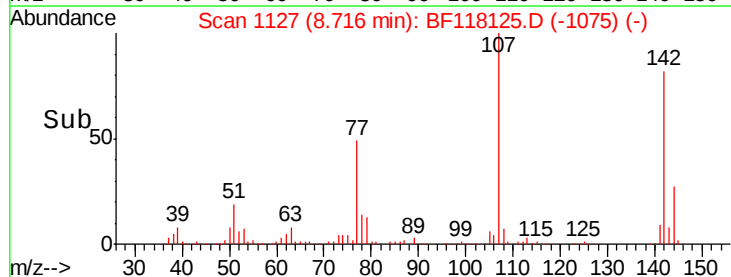
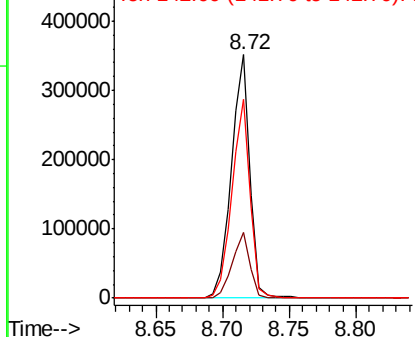


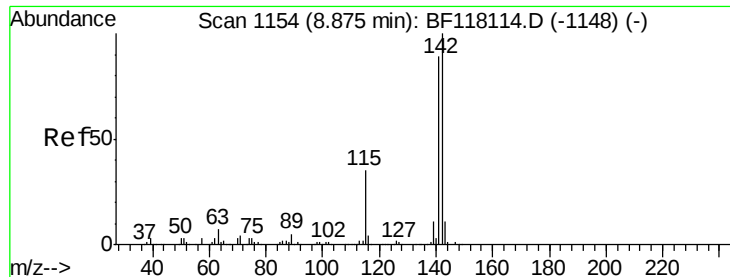
#36
4-Chloro-3-methylphenol
Concen: 46.263 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:107 Resp: 344467
Ion Ratio Lower Upper
107 100
144 27.2 20.3 30.5
142 81.5 63.7 95.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

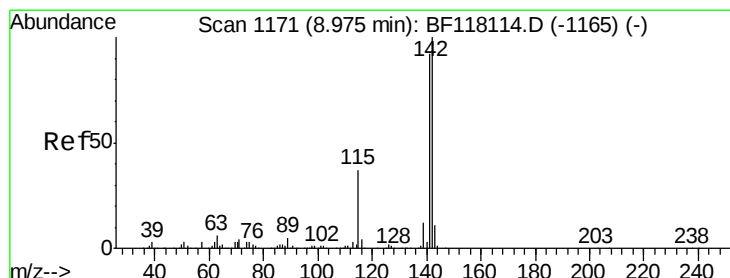
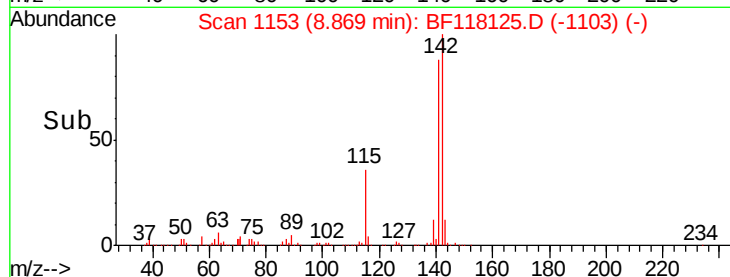
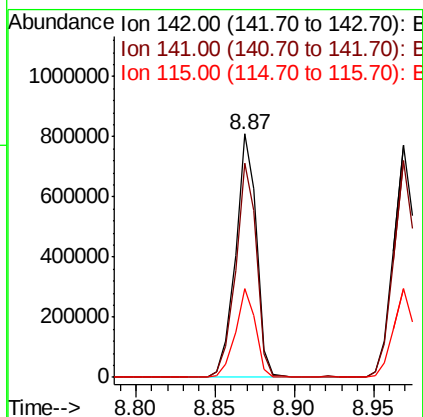
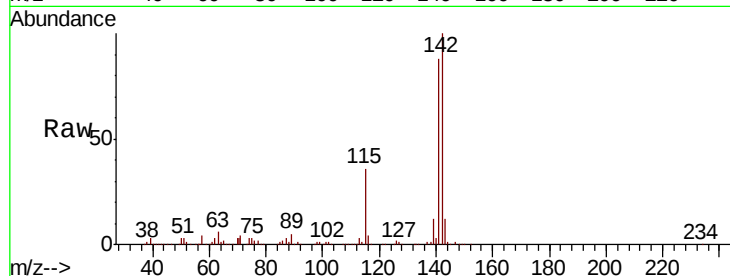




#37
2-Methylnaphthalene
Concen: 44.623 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

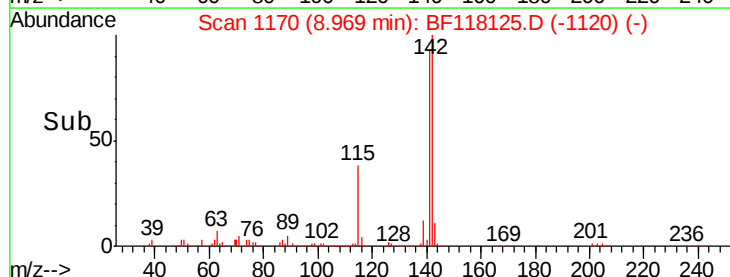
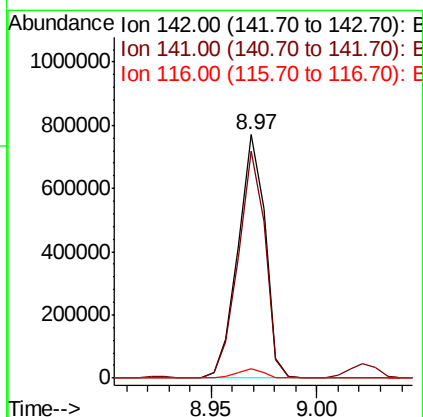
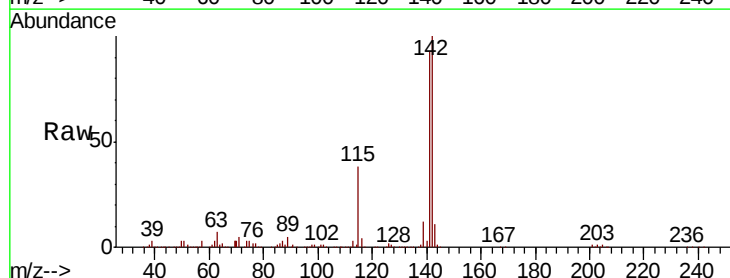
Instrument :
BNA_F
ClientSampleId :

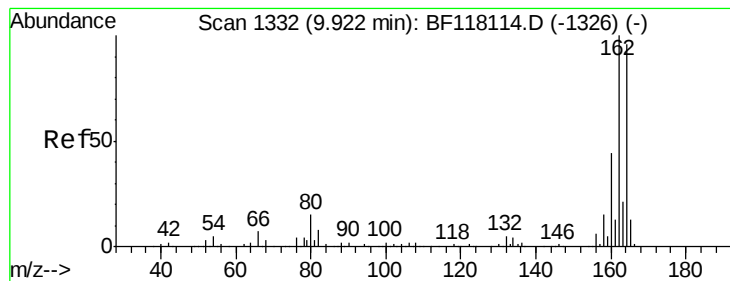
Tot Ion:142 Resp: 739570
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0
115 36.3 28.2 42.4



#38
1-Methylnaphthalene
Concen: 43.856 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:142 Resp: 682480
Ion Ratio Lower Upper
142 100
141 93.4 74.0 111.0
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

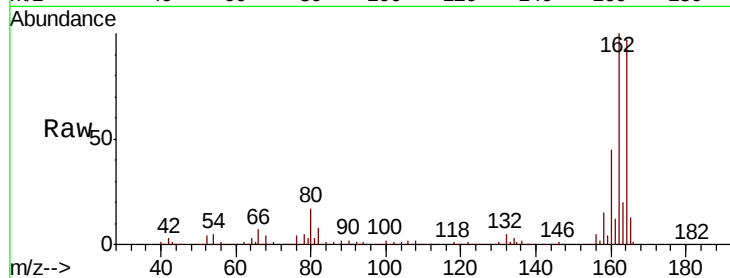
Tot Ion:164 Resp: 260255

Ion Ratio Lower Upper

164 100

162 103.1 83.4 125.0

160 46.1 36.6 54.8

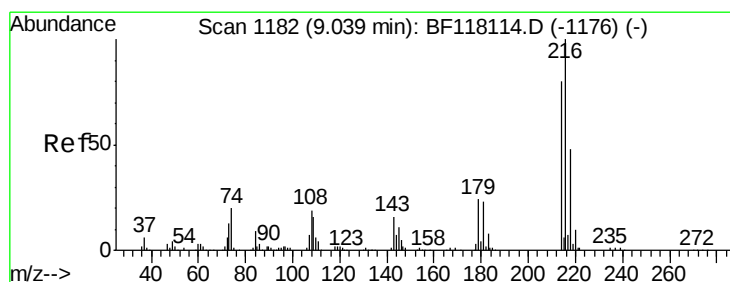
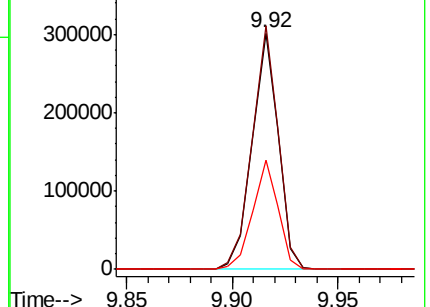
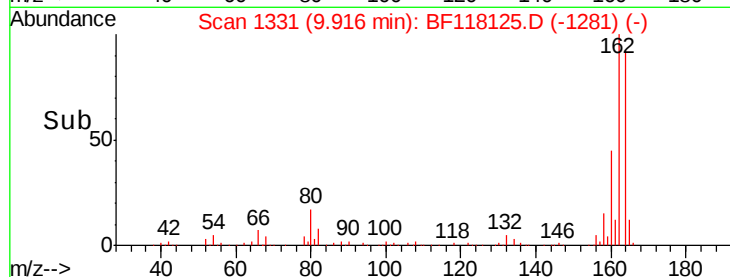


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.057 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:216 Resp: 331579

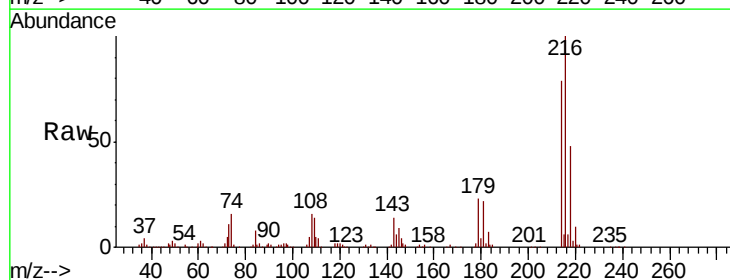
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 23.4 18.6 27.8

108 21.3 15.4 23.0



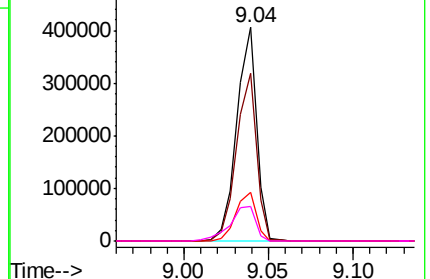
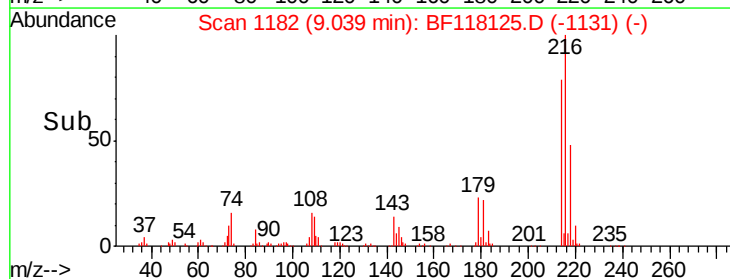
Abundance

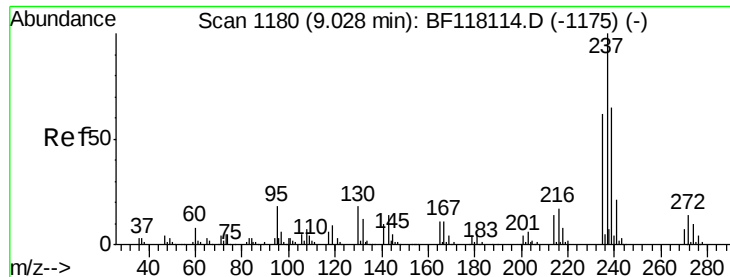
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.803 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampled :

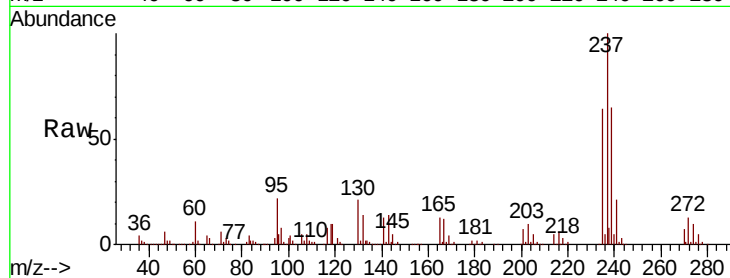
Tot Ion:237 Resp: 327821

Ion Ratio Lower Upper

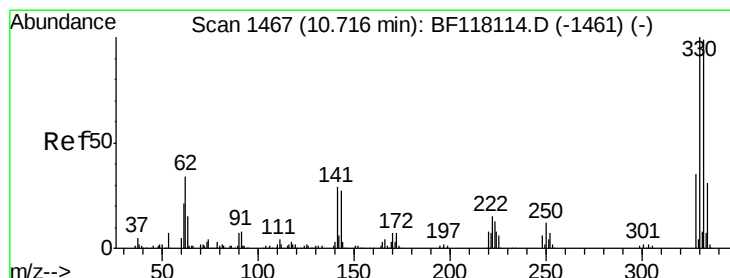
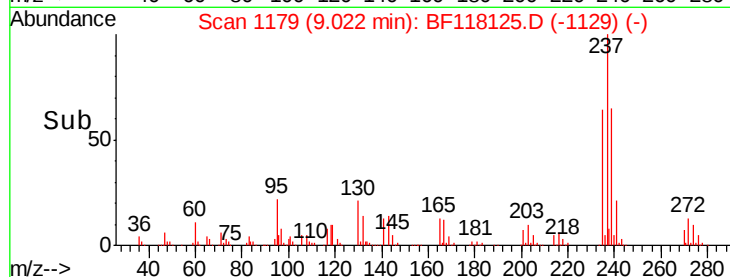
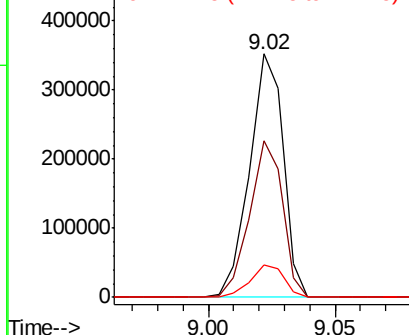
237 100

235 64.4 41.5 81.5

272 13.3 0.0 33.7



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: 138.861 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

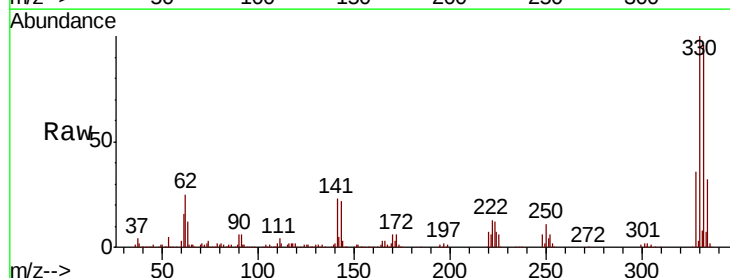
Tgt Ion:330 Resp: 439025

Ion Ratio Lower Upper

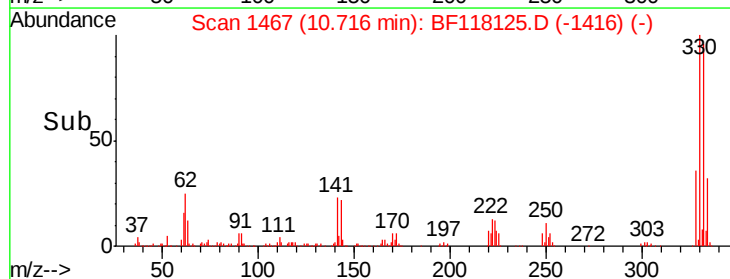
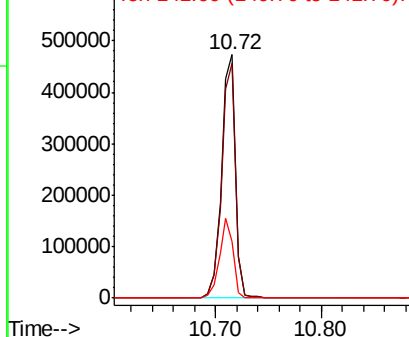
330 100

332 95.6 78.1 117.1

141 32.3 26.9 40.3



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

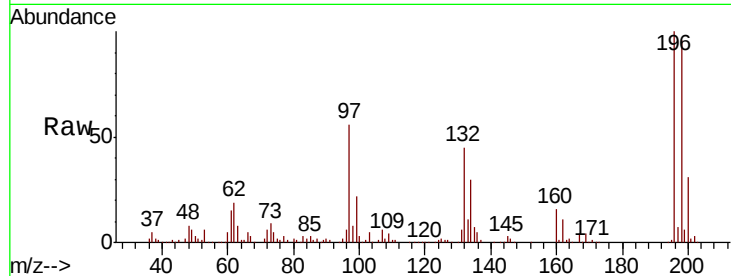




#43
 2,4,6-Trichlorophenol
 Concen: 45.184 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	237851
Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.0	112.4
200	30.8	24.5	36.7

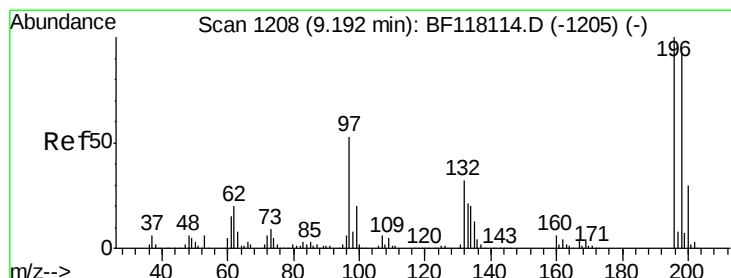
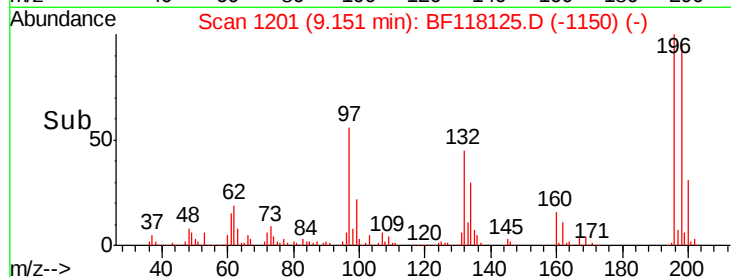
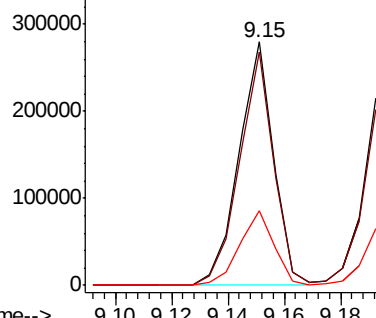


Abundance

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: 47.139 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion	196	Resp	257085
Ion	Ratio	Lower	Upper
196	100		
198	98.4	74.2	111.4
97	48.0	42.5	63.7
132	28.0	25.4	38.2

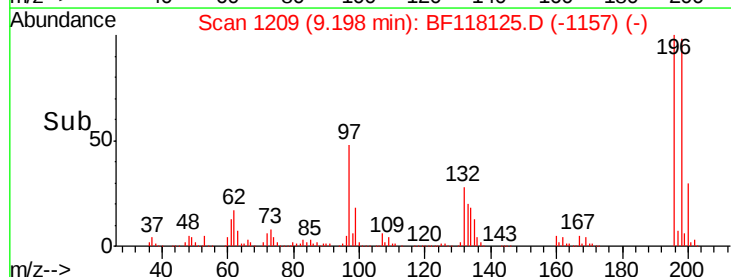
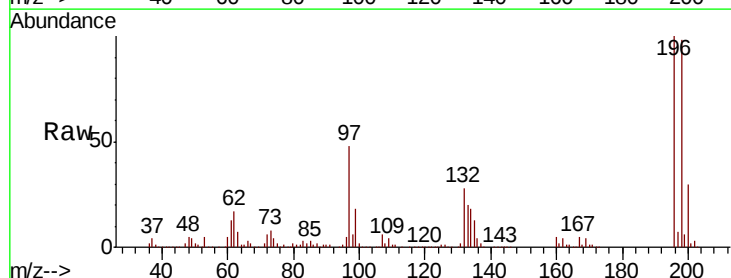
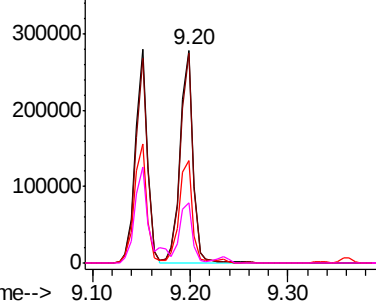
Abundance

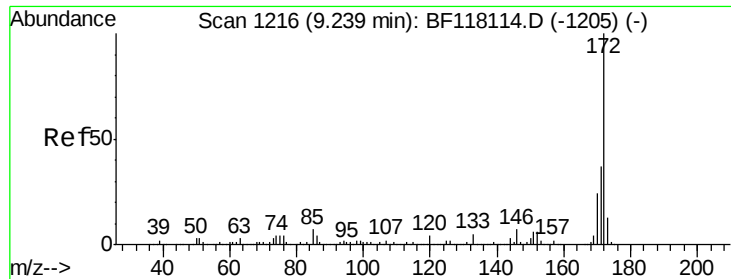
Ion 196.00 (195.70 to 196.70): E

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

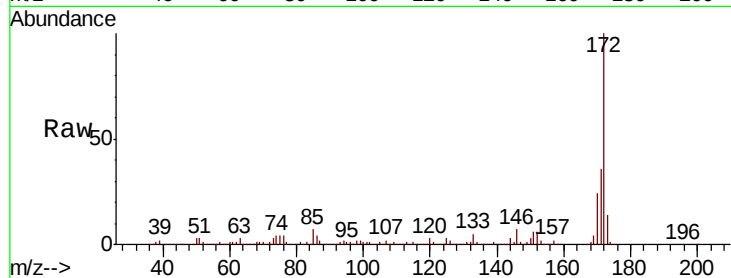




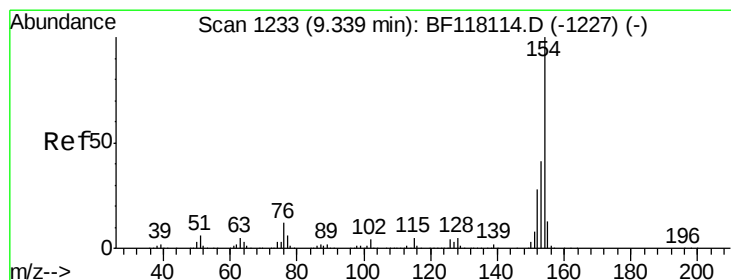
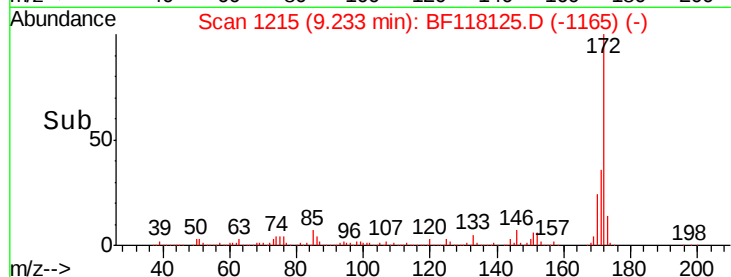
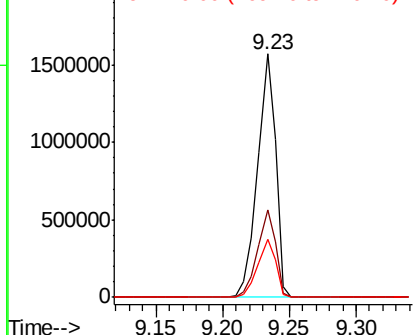
#45
2-Fluorobiphenyl
Concen: 84.730 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1449185
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.9 19.4 29.2

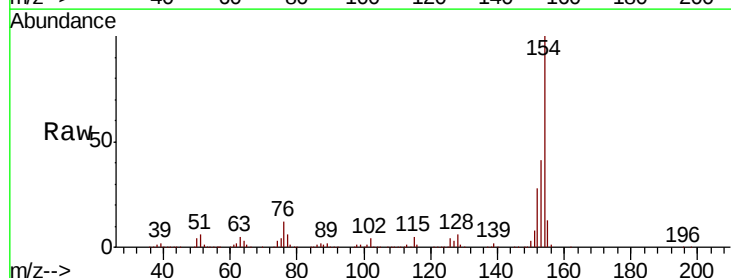


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

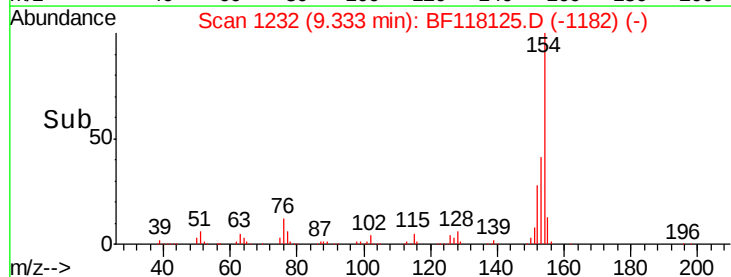
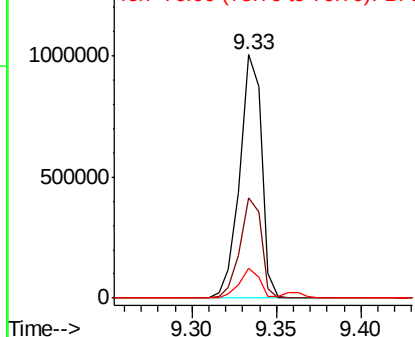


#46
1,1'-Biphenyl
Concen: 44.115 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:154 Resp: 905497
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.1 0.0 31.9



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

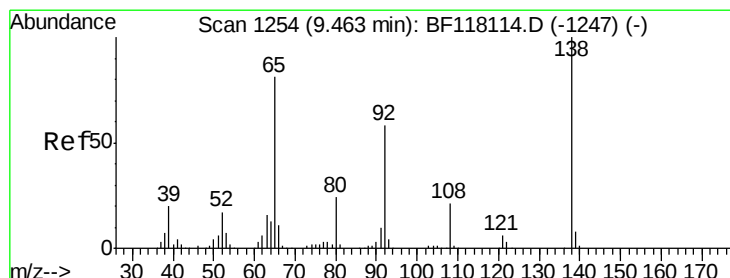
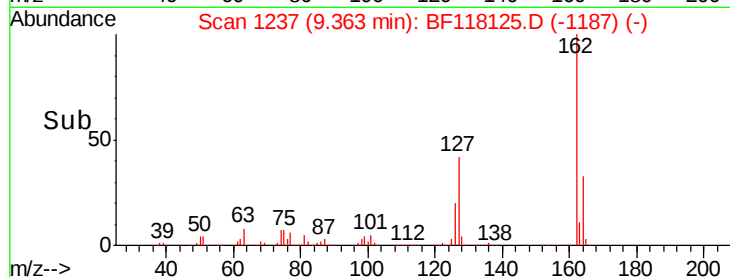
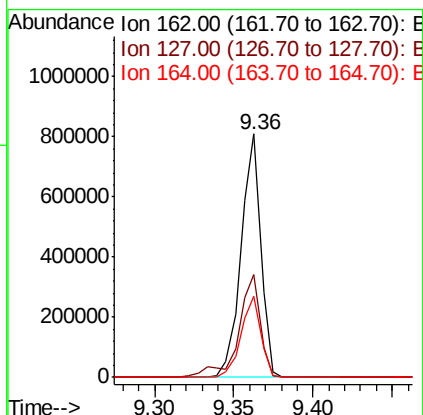
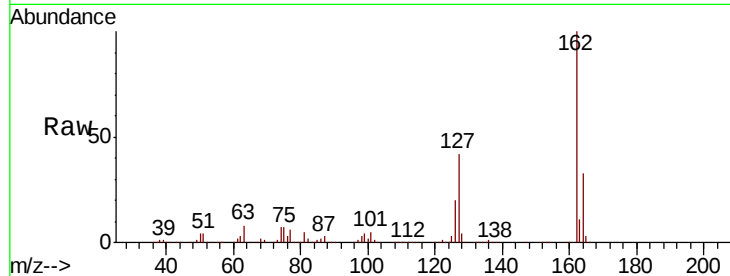




#47
 2-Chloronaphthalene
 Concen: 42.191 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

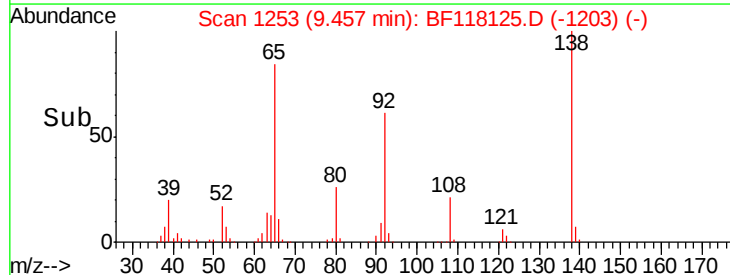
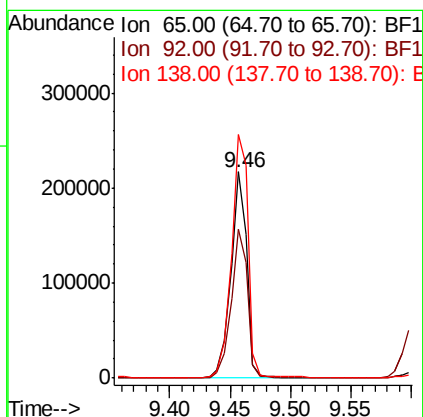
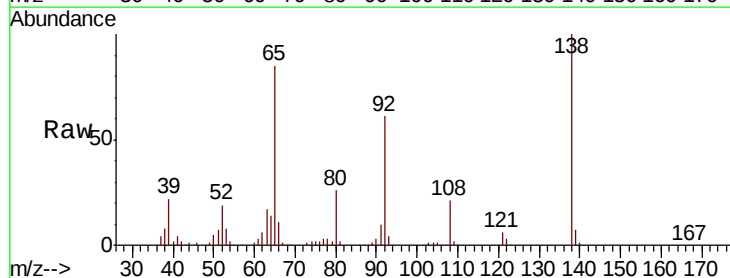
Instrument :
 BNA_F
 ClientSampleId :

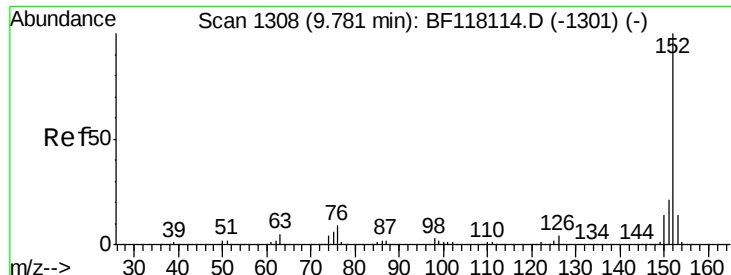
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.0	48.0
164	33.5	26.1	39.1



#48
 2-Nitroaniline
 Concen: 42.156 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.8	86.6
138	118.2	98.8	148.2





#49

Acenaphthylene

Concen: 45.557 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

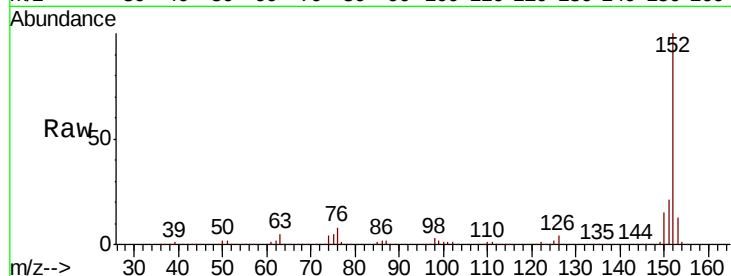
Tot Ion:152 Resp: 1109461

Ion Ratio Lower Upper

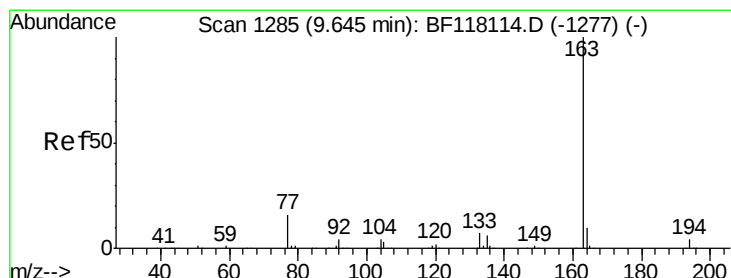
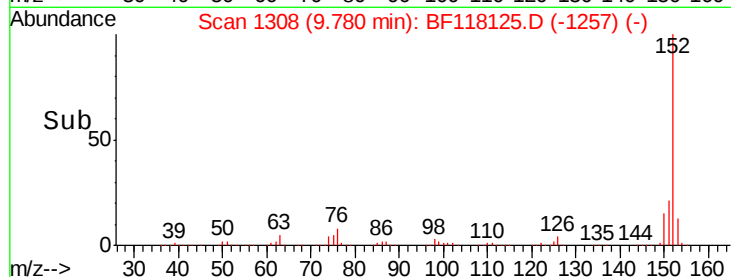
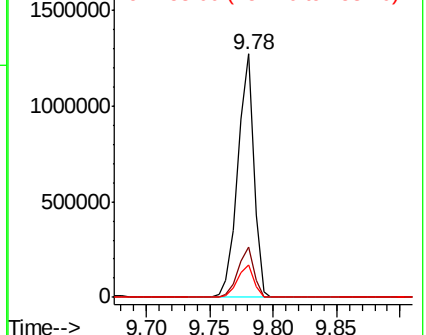
152 100

151 20.8 16.4 24.6

153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.208 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

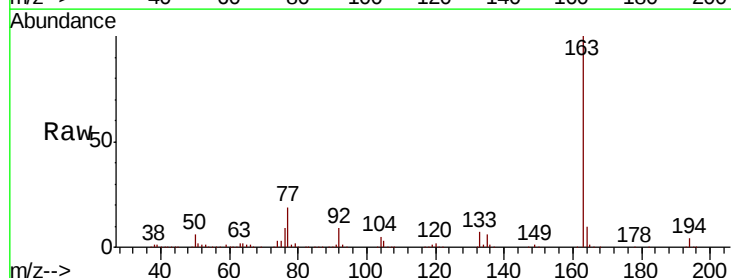
Tgt Ion:163 Resp: 849830

Ion Ratio Lower Upper

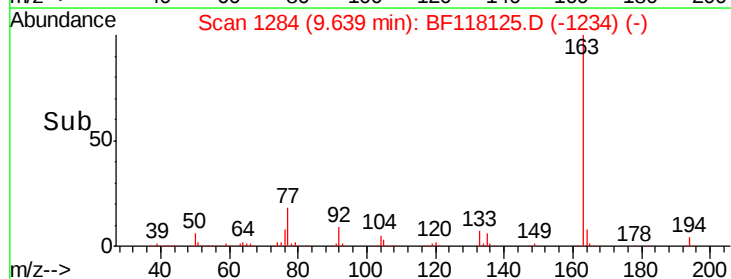
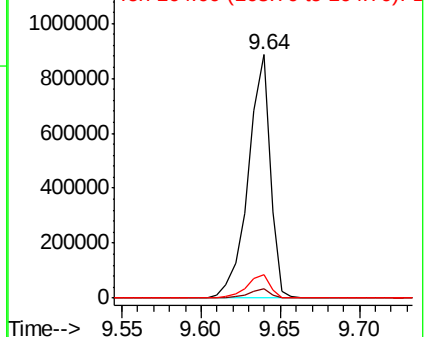
163 100

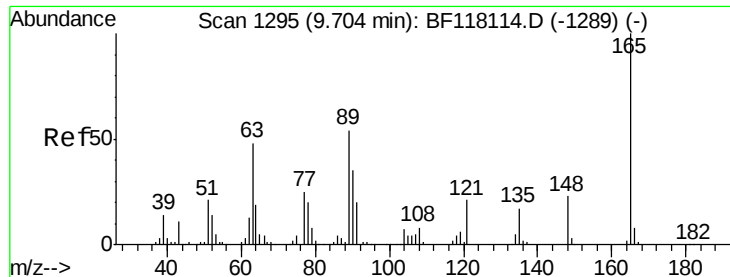
194 3.9 3.1 4.7

164 9.7 7.7 11.5



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

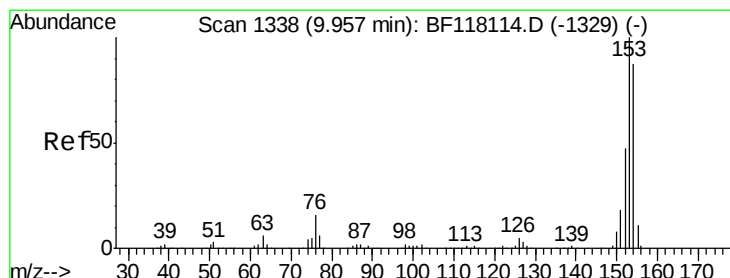
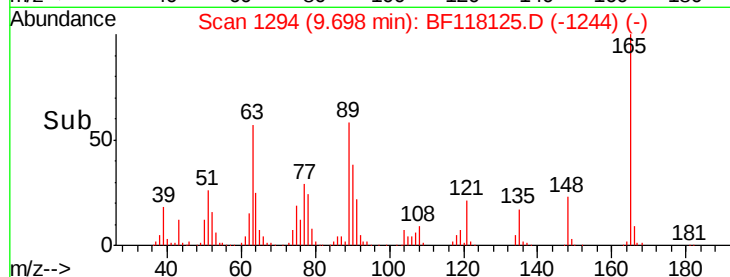
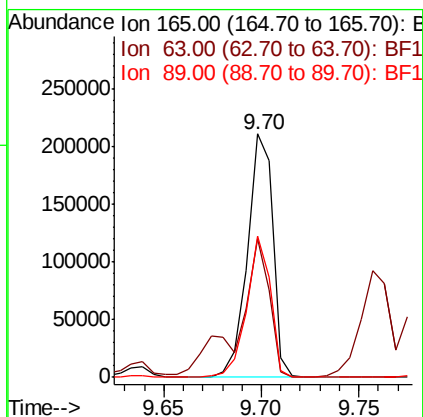
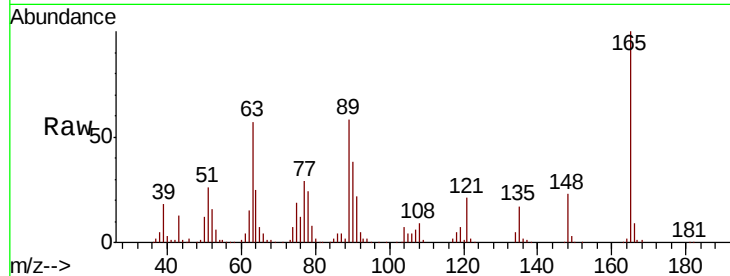




#51
2,6-Dinitrotoluene
Concen: 45.545 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

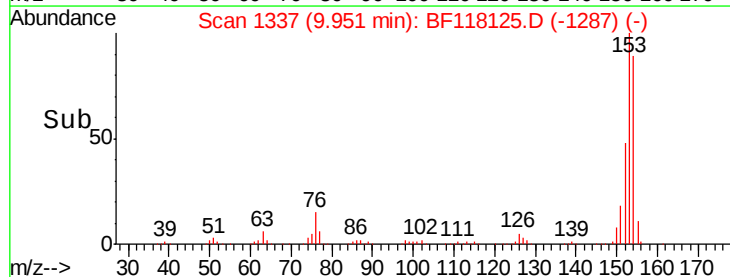
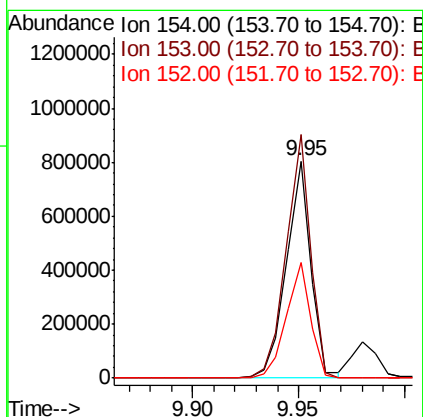
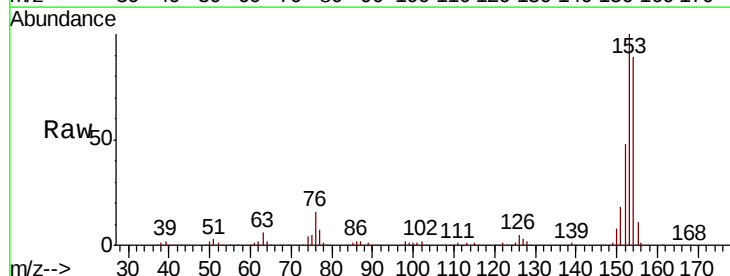
Instrument :
BNA_F
ClientSampled :

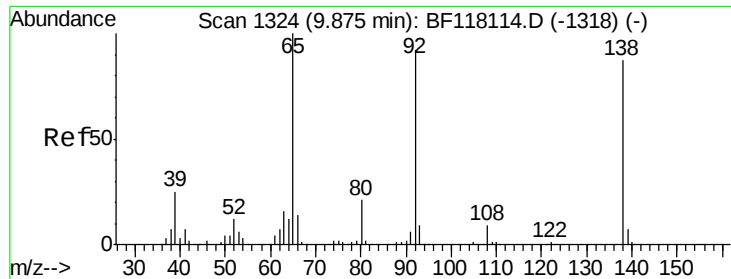
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	41.4	62.0
89	58.2	42.9	64.3



#52
Acenaphthene
Concen: 44.084 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.8	137.6
152	53.4	43.3	64.9

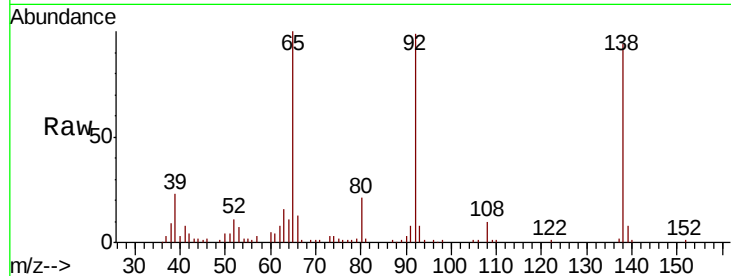




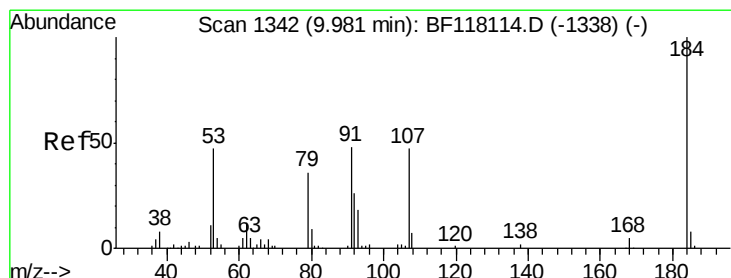
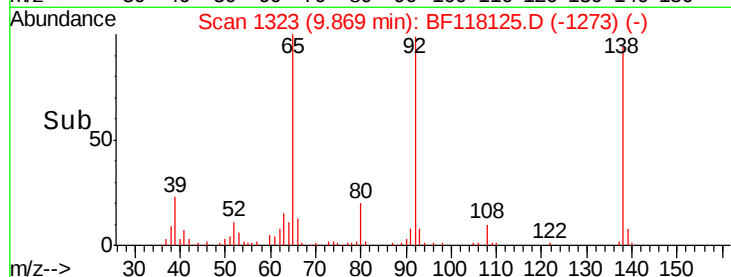
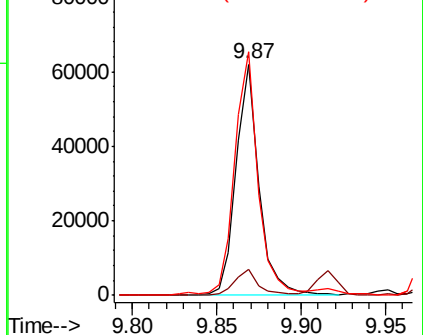
#53
3-Nitroaniline
Concen: 11.937 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 58722
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.4
92 105.4 84.9 127.3

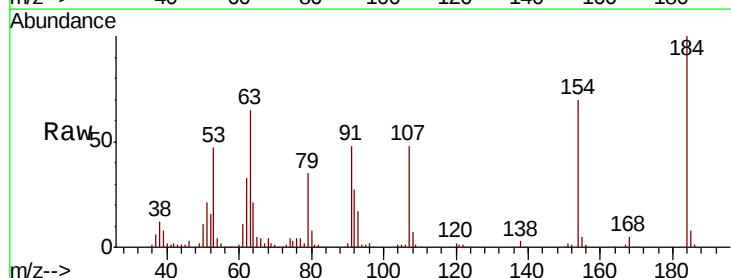


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

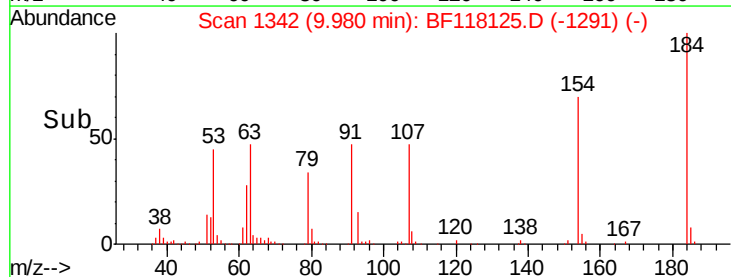
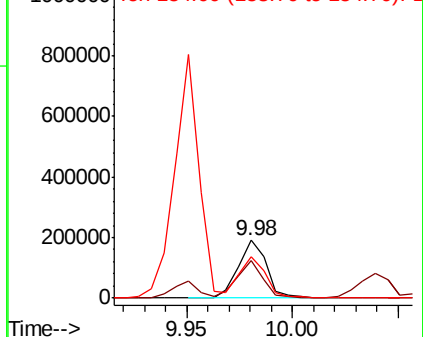


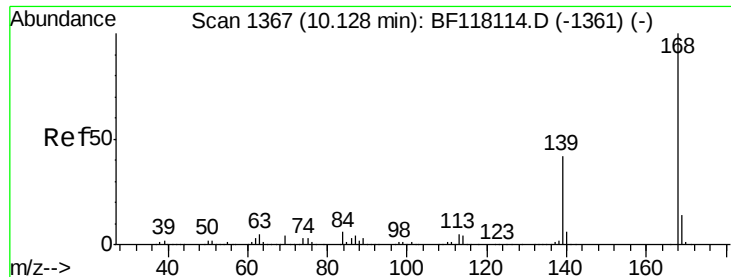
#54
2,4-Dinitrophenol
Concen: 85.944 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:184 Resp: 178732
Ion Ratio Lower Upper
184 100
63 65.3 53.9 80.9
154 70.4 56.3 84.5



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

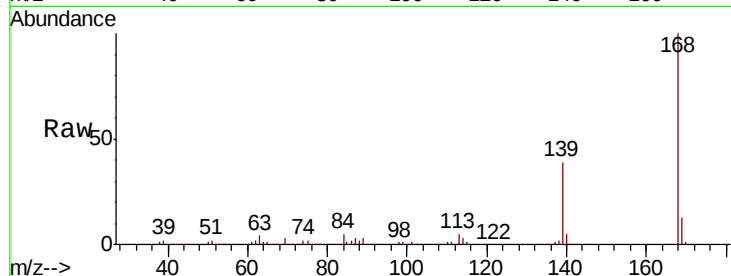




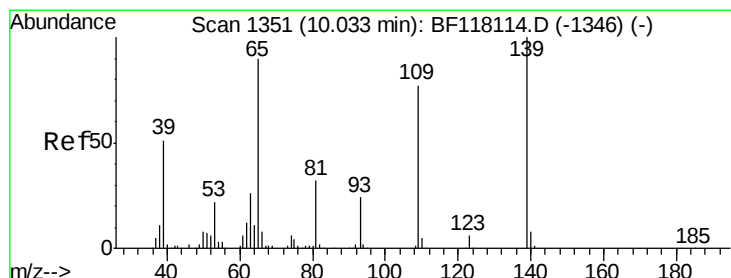
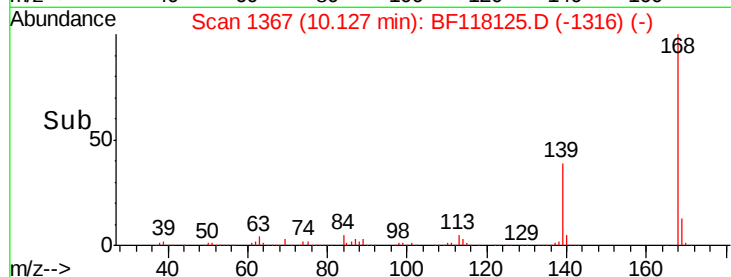
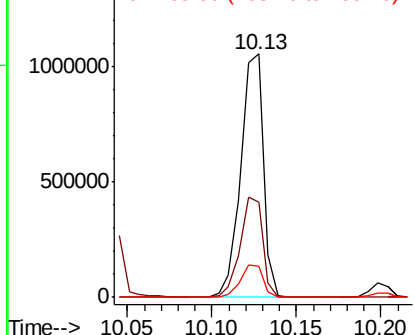
#55
Dibenzenofuran
Concen: 45.427 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 989422
Ion Ratio Lower Upper
168 100
139 39.1 33.4 50.0
169 12.7 11.0 16.6

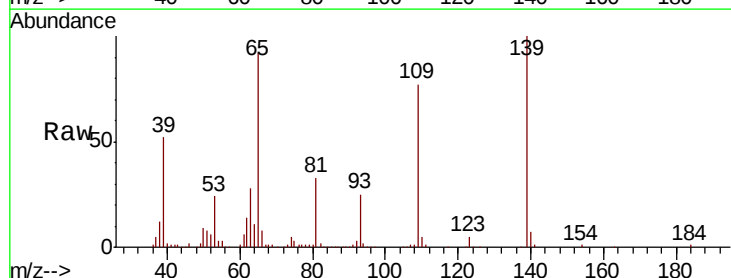


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

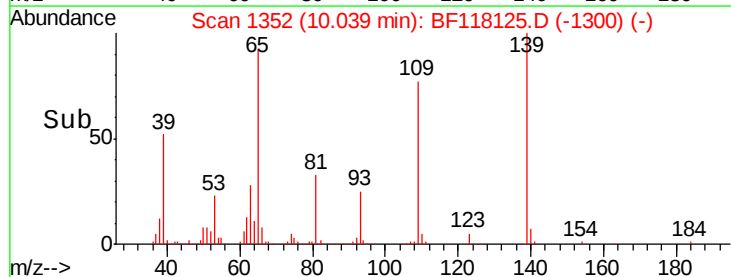
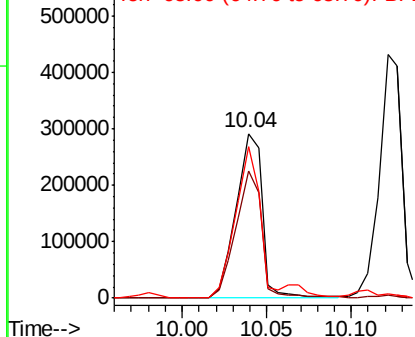


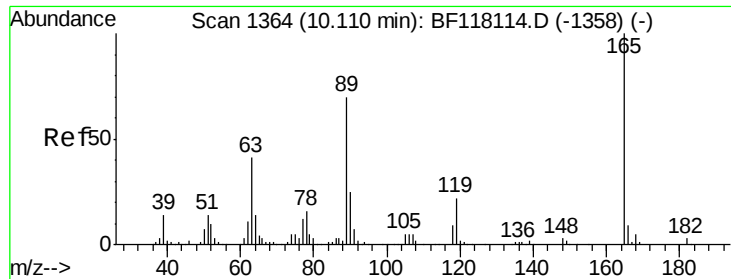
#56
4-Nitrophenol
Concen: 92.978 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:139 Resp: 317421
Ion Ratio Lower Upper
139 100
109 77.3 57.3 97.3
65 92.1 70.2 110.2



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

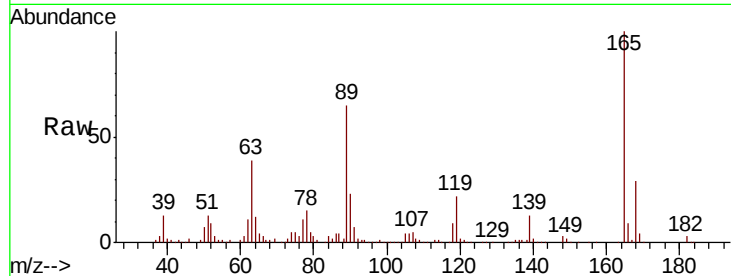




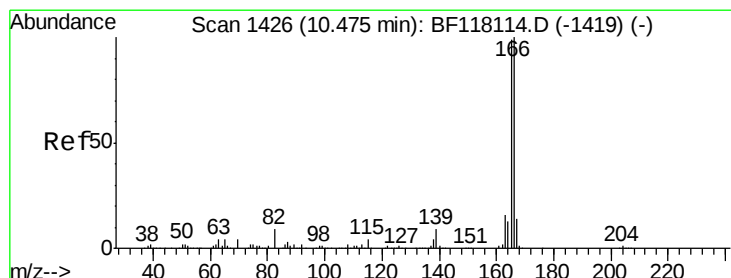
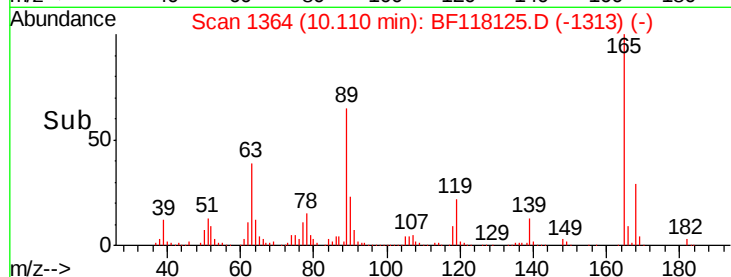
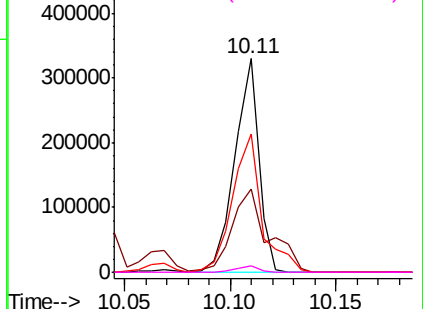
#57
2,4-Dinitrotoluene
Concen: 46.432 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	259055
Ion Ratio	Lower	Upper
165	100	
63	39.1	32.6 49.0
89	64.9	56.1 84.1
182	2.8	2.1 3.1

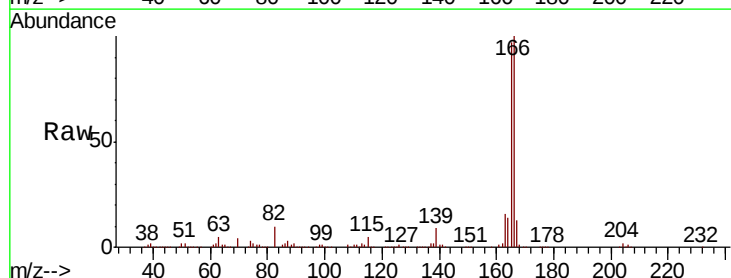


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

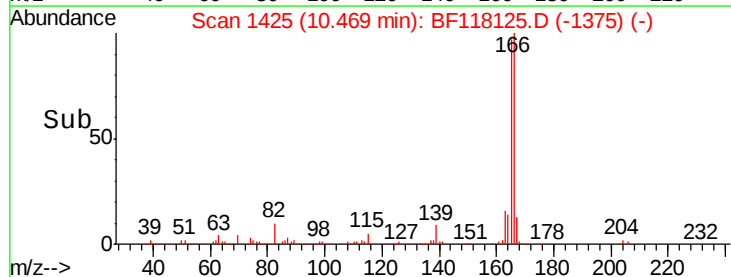
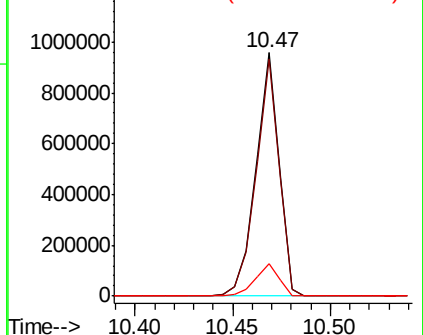


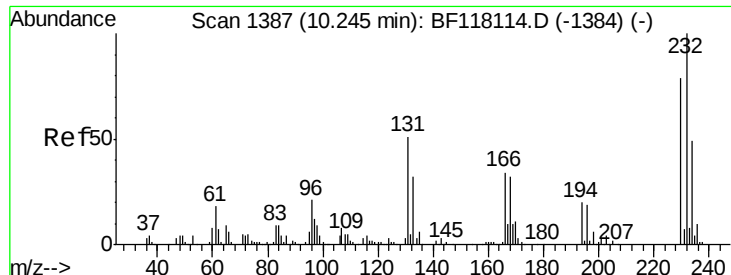
#58
Fluorene
Concen: 45.463 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:166	Resp:	786906
Ion Ratio	Lower	Upper
166	100	
165	97.5	79.0 118.4
167	13.1	10.9 16.3



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

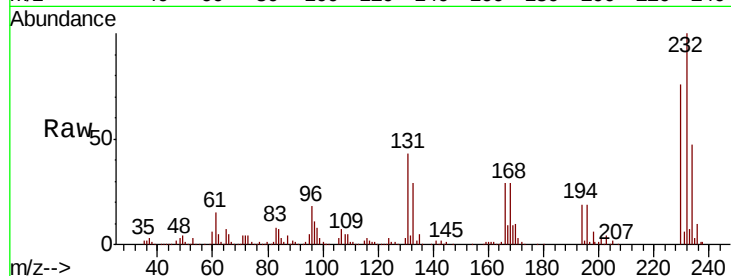




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.443 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.8	58.2
130	2.8	1.9	2.9
166	31.5	25.4	38.0



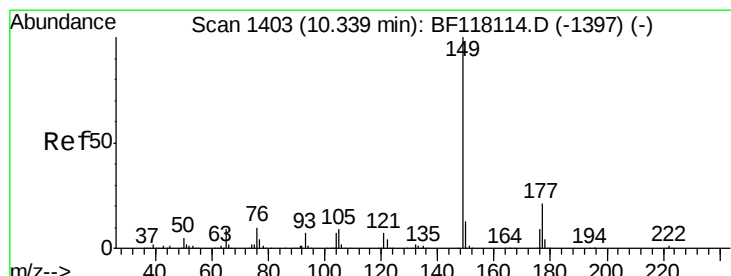
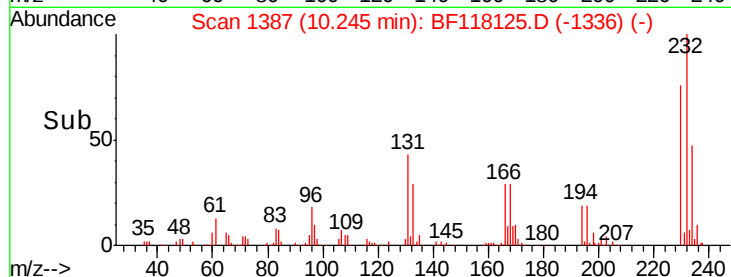
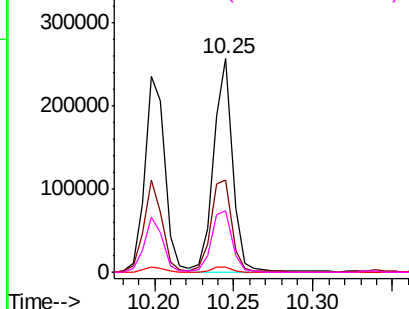
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

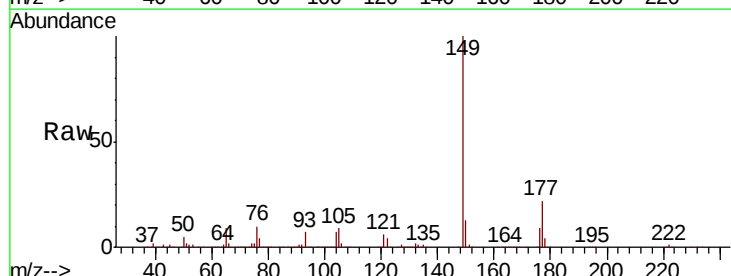
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.113 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.4
150	12.6	10.1	15.1

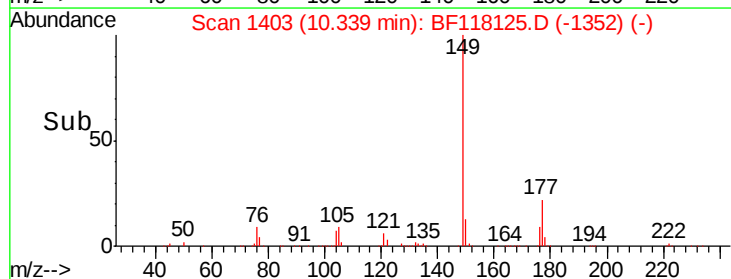
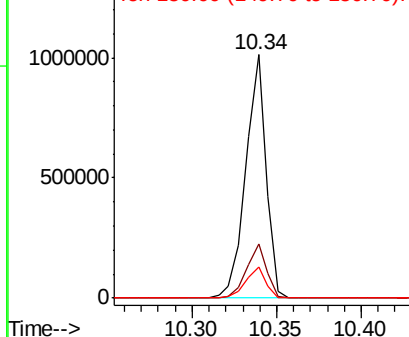


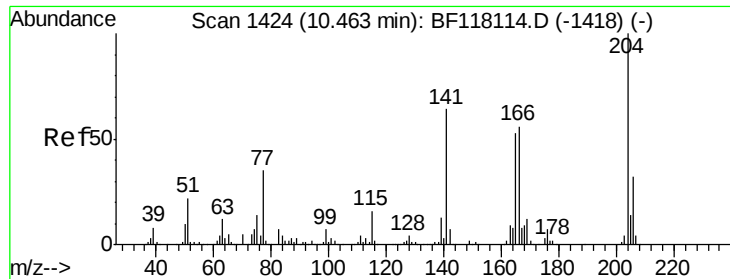
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

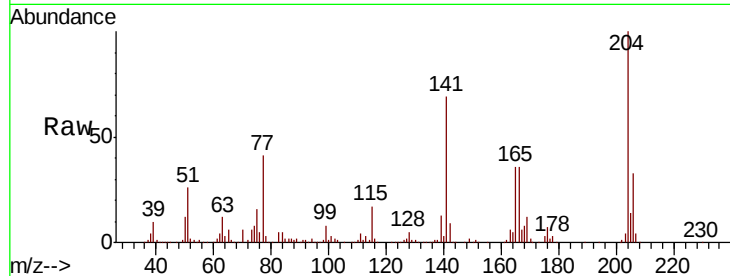




#61
4-Chlorophenyl-phenylether
Concen: 44.023 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	69.1	51.0	76.6

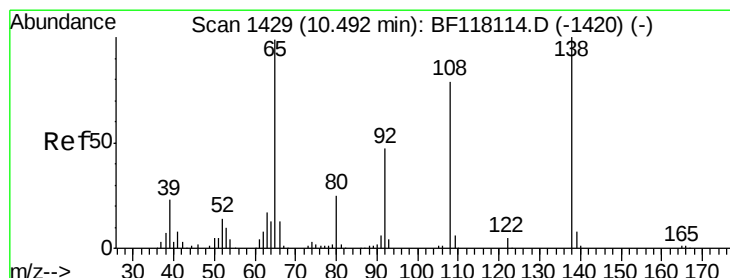
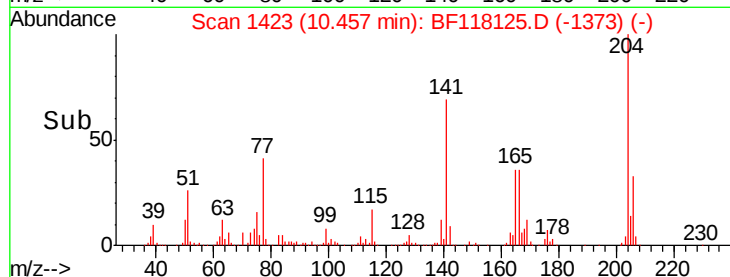
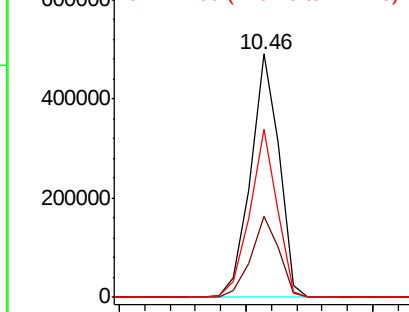


Abundance

Ion 204.00 (203.70 to 204.70): E

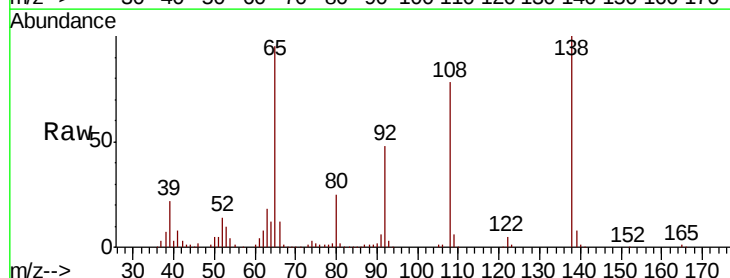
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.608 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.1	67.1
108	78.0	59.0	99.0

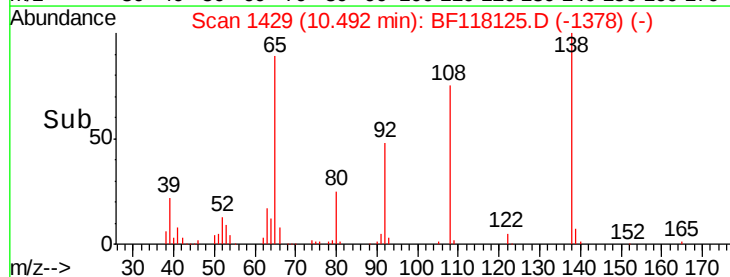
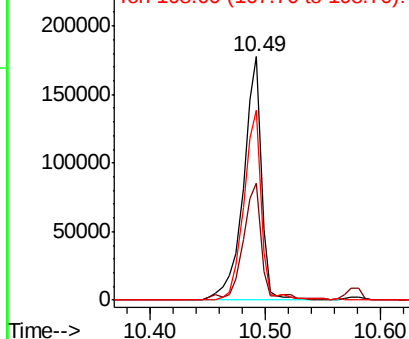


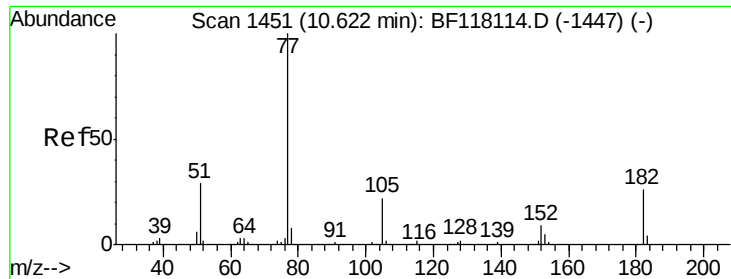
Abundance

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: 45.434 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 734607

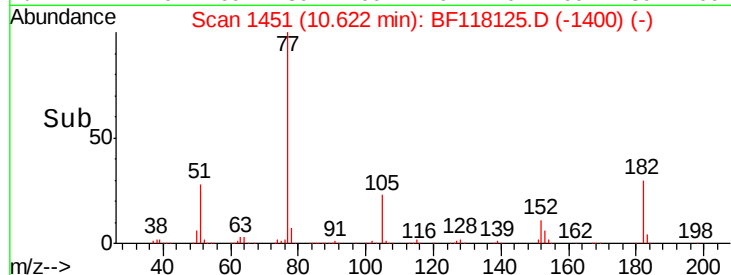
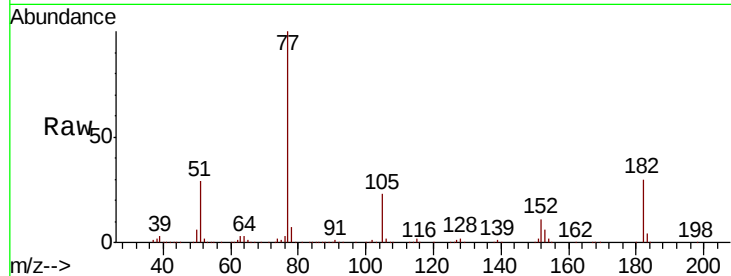
Ion Ratio Lower Upper

77 100

182 30.4 5.7 45.7

105 23.1 2.2 42.2

51 28.6 9.6 49.6

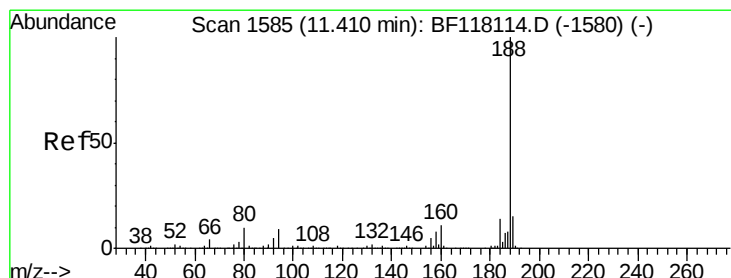
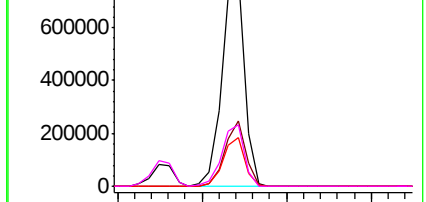


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

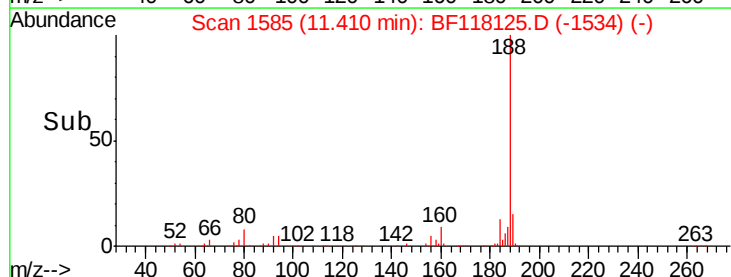
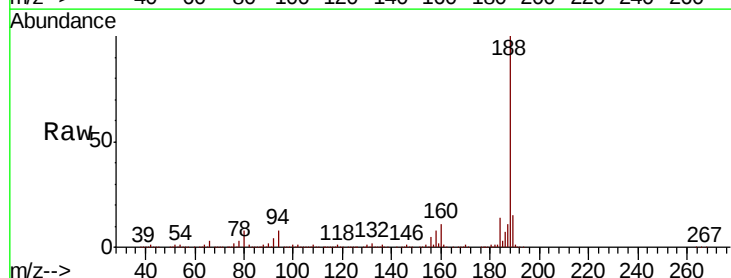
Tgt Ion: 188 Resp: 503940

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

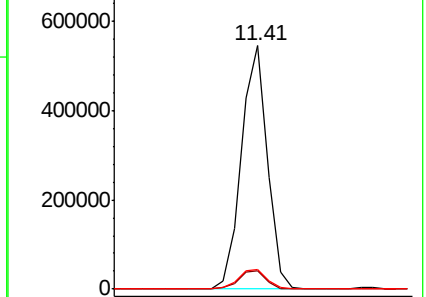
80 8.2 7.9 11.9

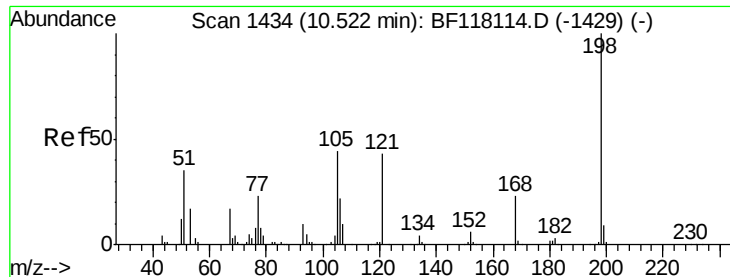


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

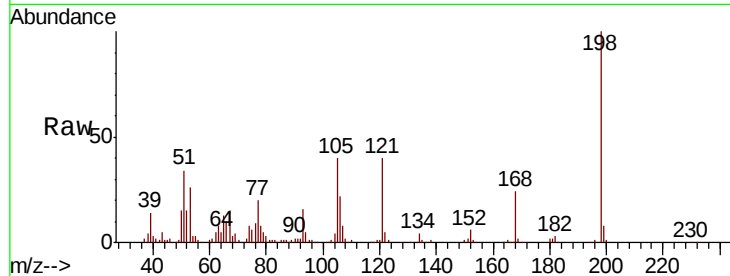




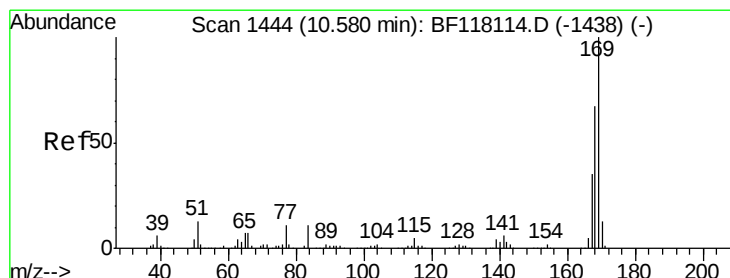
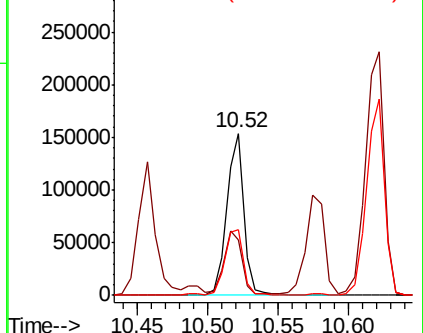
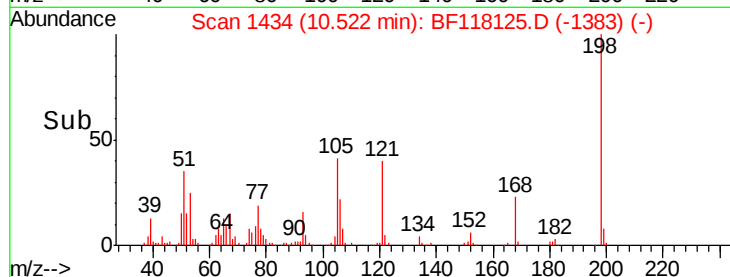
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.492 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 129390
 Ion Ratio Lower Upper
 198 100
 51 34.4 22.0 62.0
 105 40.4 25.6 65.6

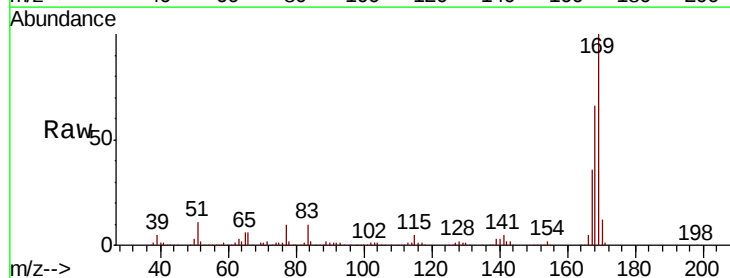


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

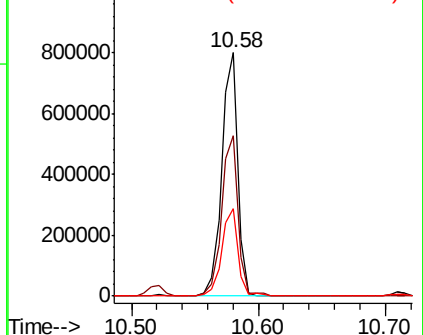
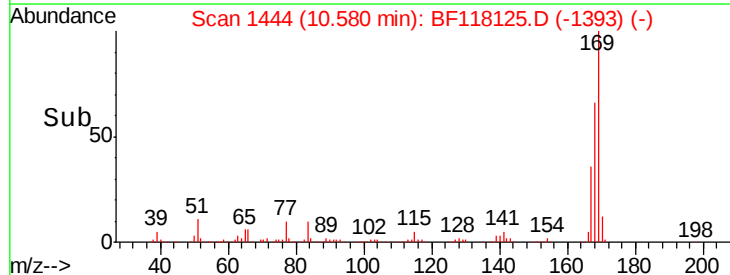


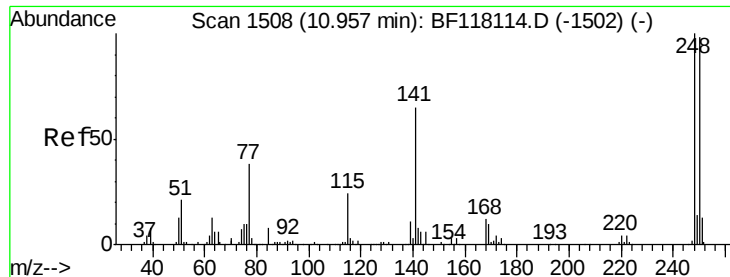
#66
 n-Nitrosodiphenylamine
 Concen: 44.773 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion:169 Resp: 704606
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.4 80.2
 167 35.7 28.4 42.6



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

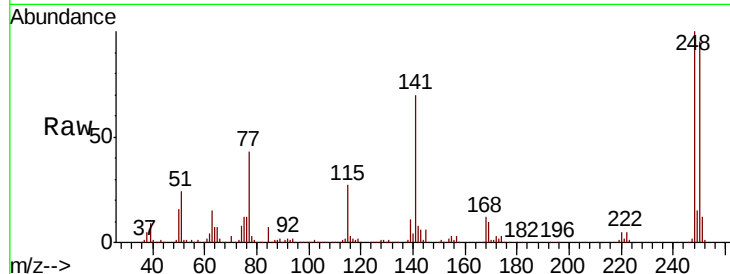




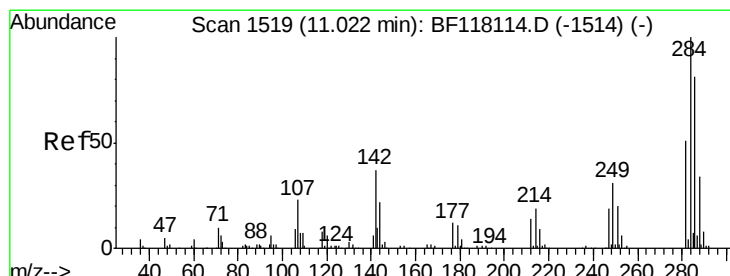
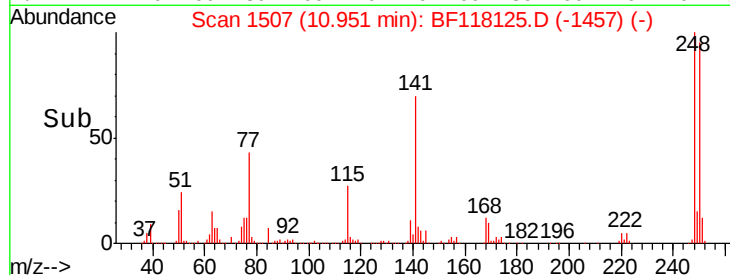
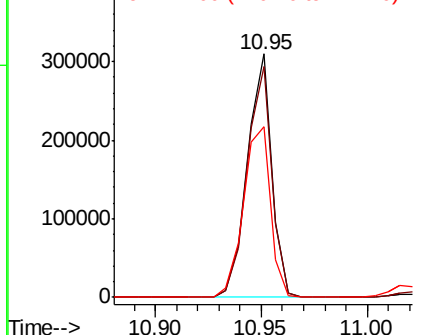
#67
 4-Bromophenyl-phenylether
 Concen: 43.393 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	78.3	117.5
141	70.0	52.2	78.4

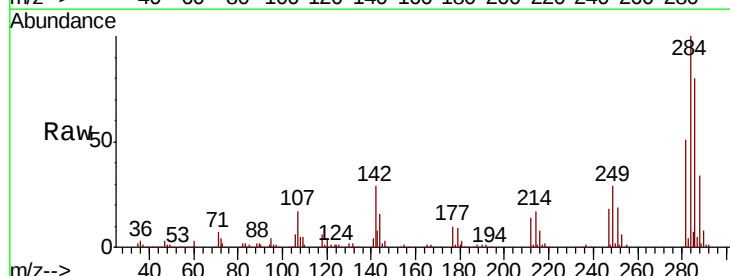


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

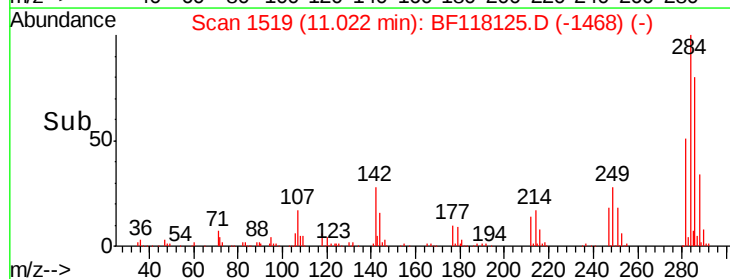
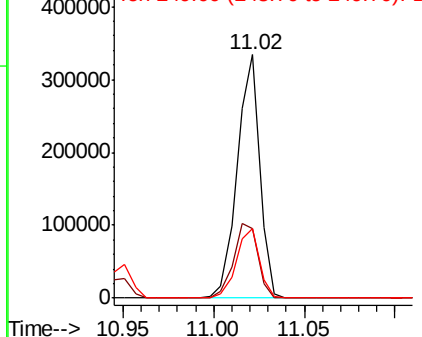


#68
 Hexachlorobenzene
 Concen: 42.690 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	29.7	44.5#
249	28.7	24.6	37.0



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

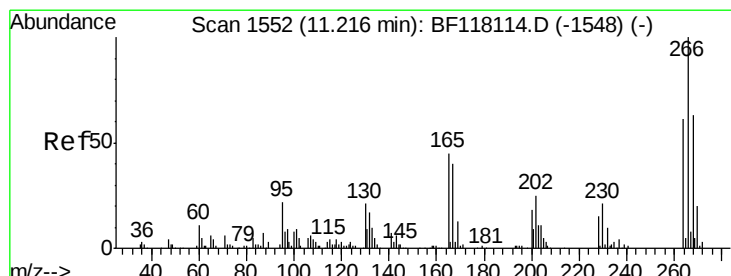
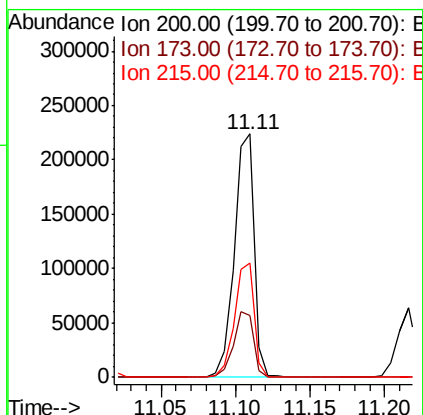
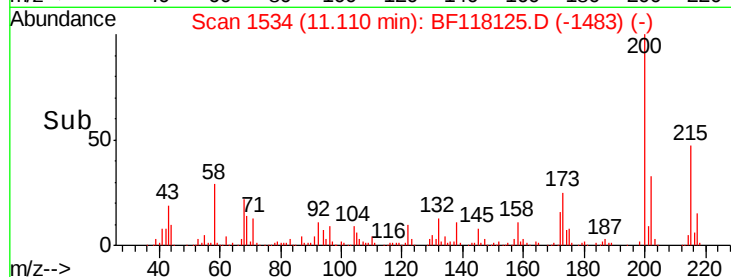
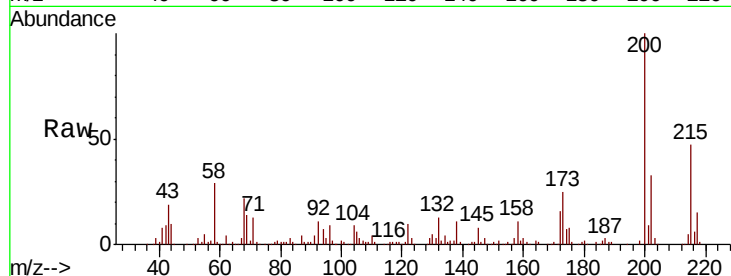




#69
Atrazine
Concen: 53.926 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

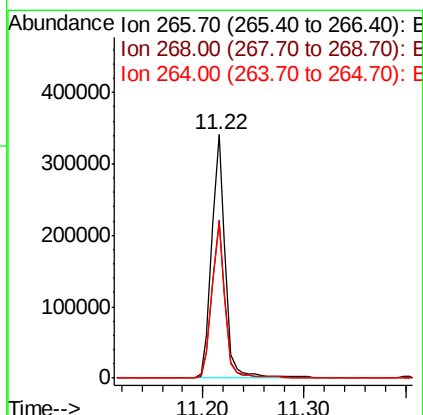
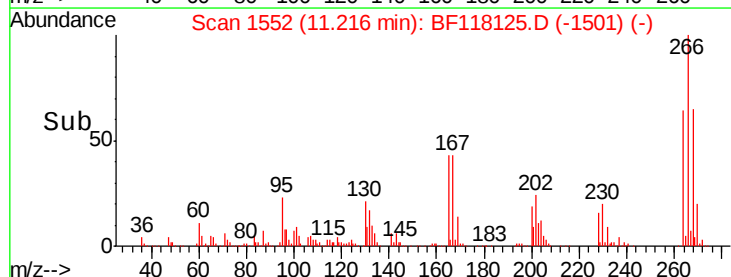
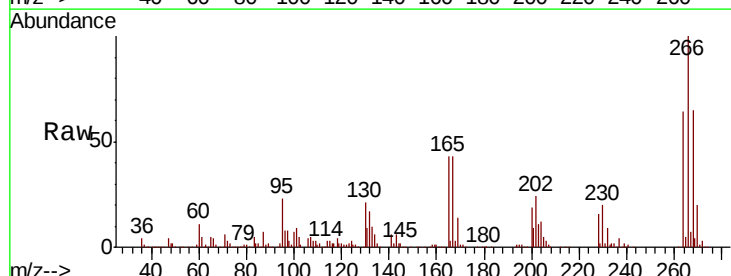
Instrument :
BNA_F
ClientSampleId :

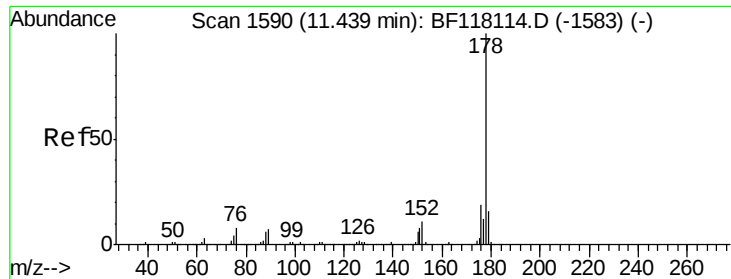
Tot Ion:200 Resp: 210586
Ion Ratio Lower Upper
200 100
173 25.3 8.1 48.1
215 46.9 29.0 69.0



#70
Pentachlorophenol
Concen: 100.027 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:266 Resp: 318502
Ion Ratio Lower Upper
266 100
268 64.7 50.7 76.1
264 63.8 48.7 73.1

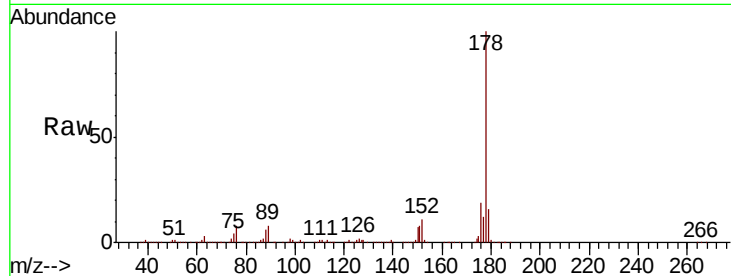




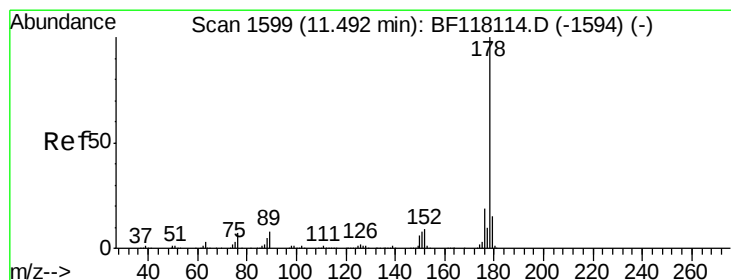
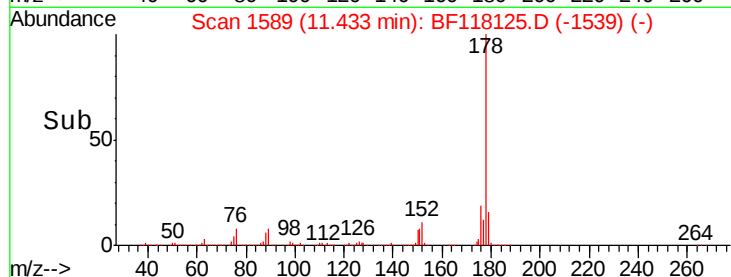
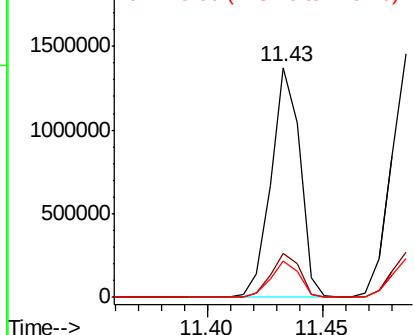
#71
Phenanthrene
Concen: 44.412 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1189761
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.8 12.6 18.8

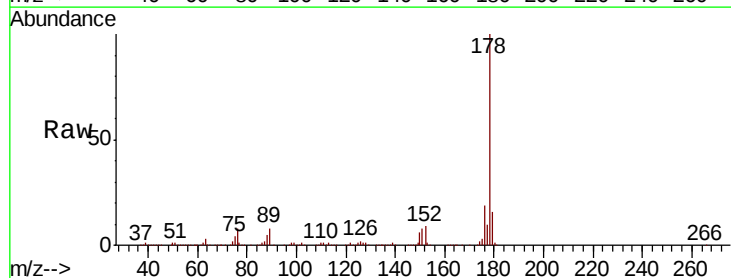


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

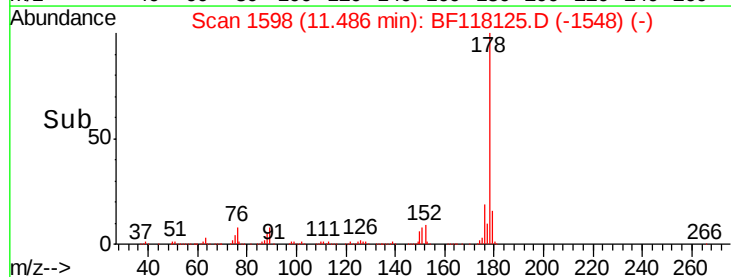
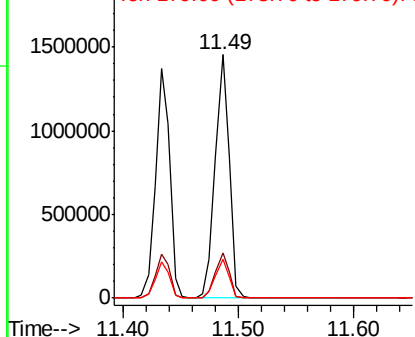


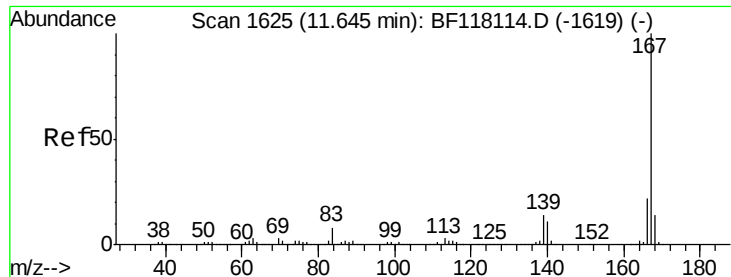
#72
Anthracene
Concen: 46.173 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:178 Resp: 1233929
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

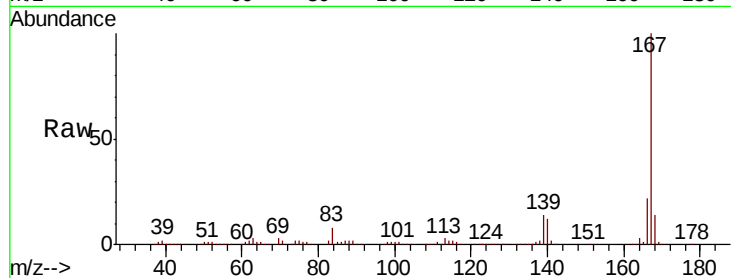




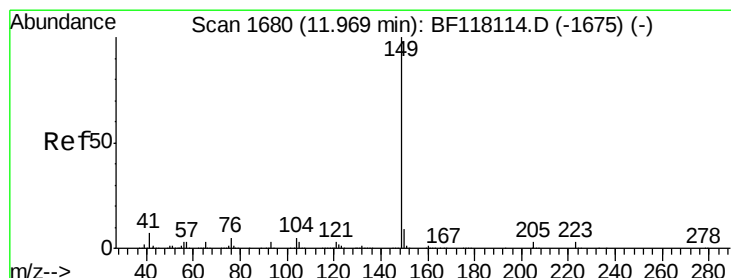
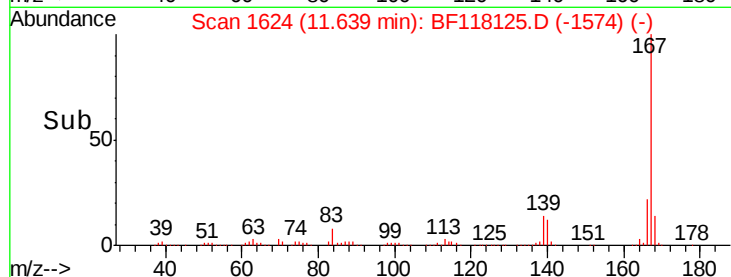
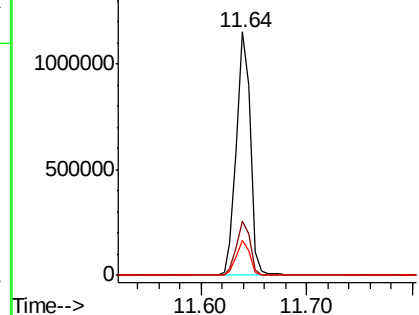
#73
 Carbazole
 Concen: 43.877 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1052039
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 14.2 11.4 17.0

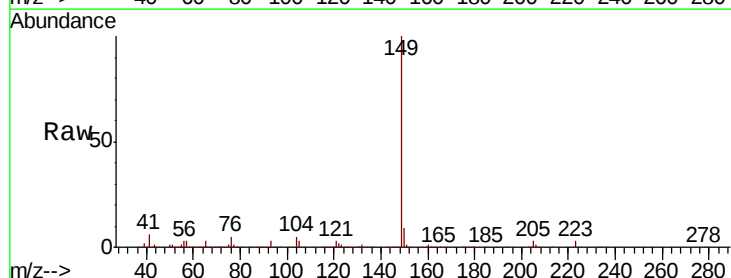


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

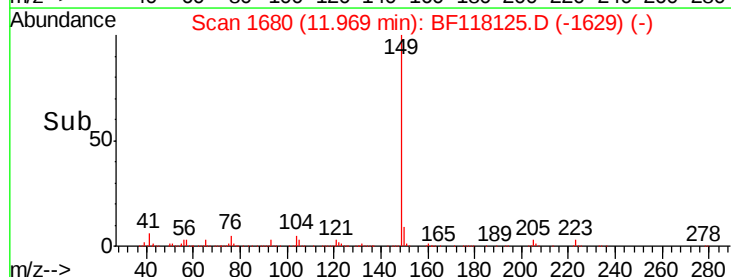
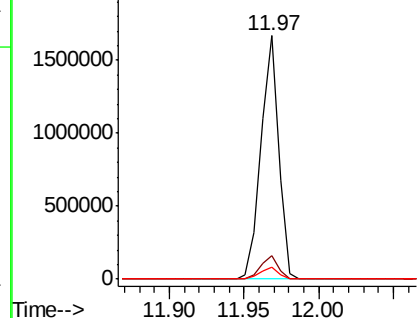


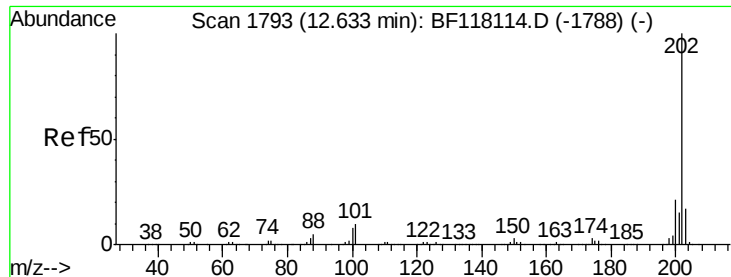
#74
 Di-n-butylphthalate
 Concen: 45.333 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion:149 Resp: 1360346
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.1 4.3 6.5



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

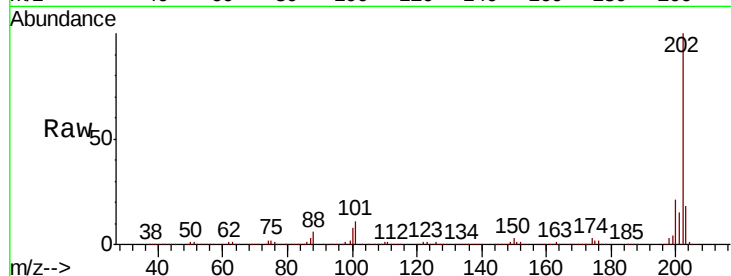




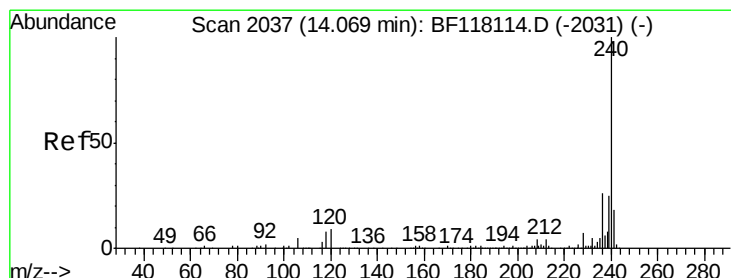
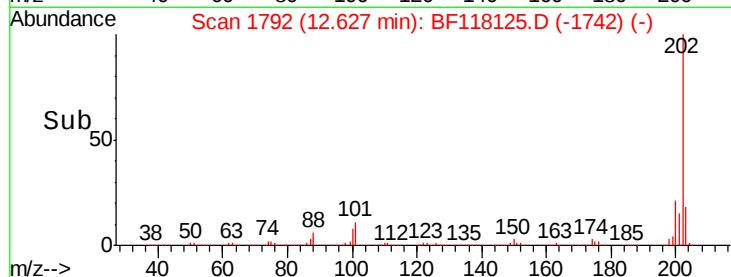
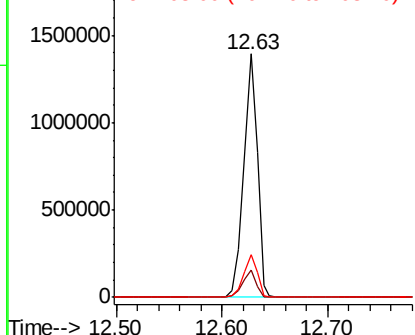
#75
 Fluoranthene
 Concen: 44.806 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	17.6	0.0	37.2

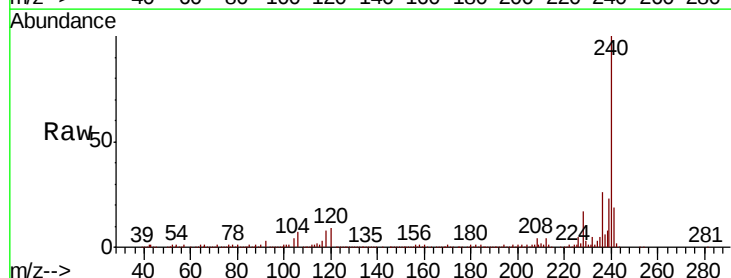


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

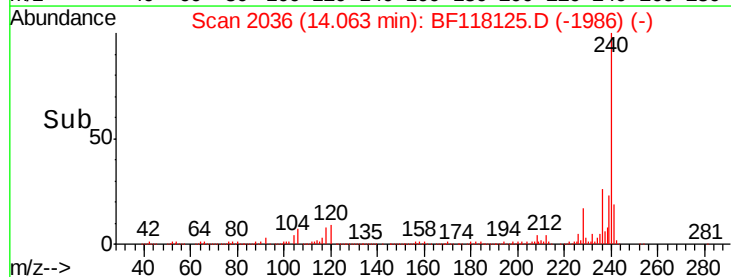
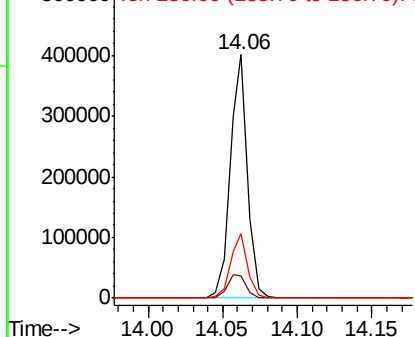


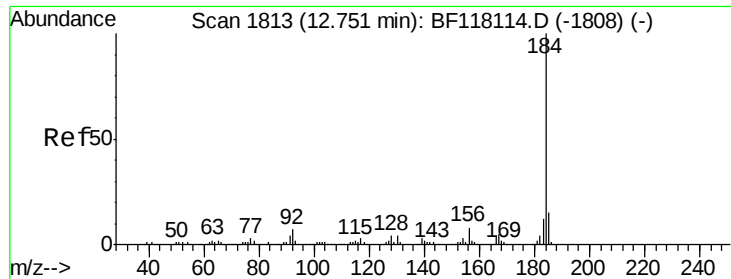
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.1	10.7
236	26.3	21.0	31.6



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: 8.875 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampled :

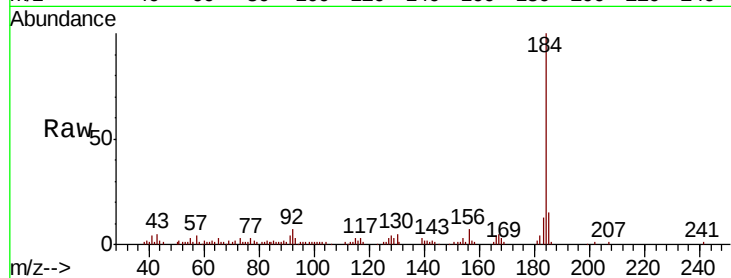
Tot Ion:184 Resp: 76547

Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

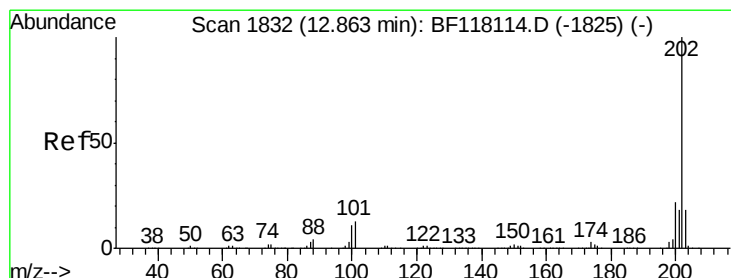
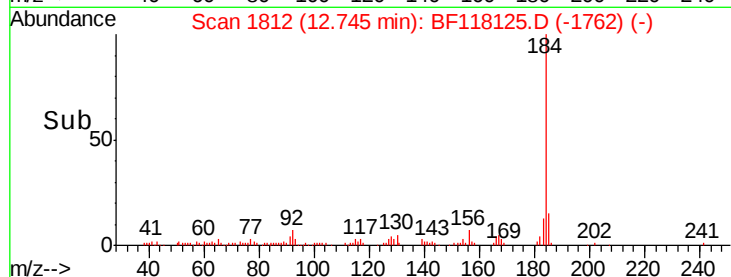
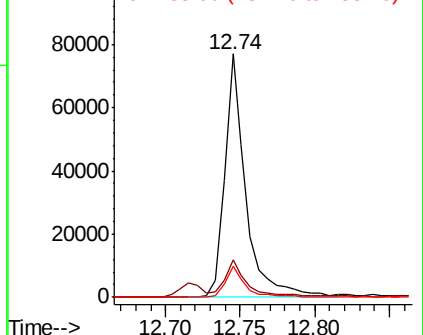
183 12.6 9.9 14.9



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: 47.672 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

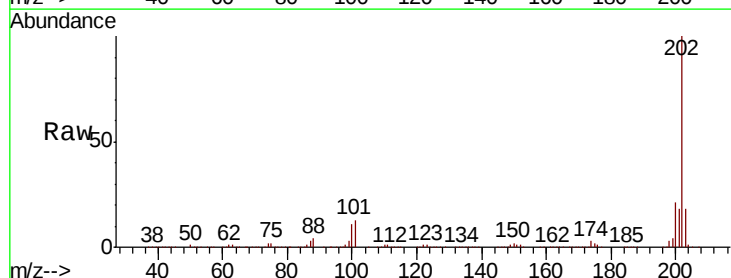
Tgt Ion:202 Resp: 1230840

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

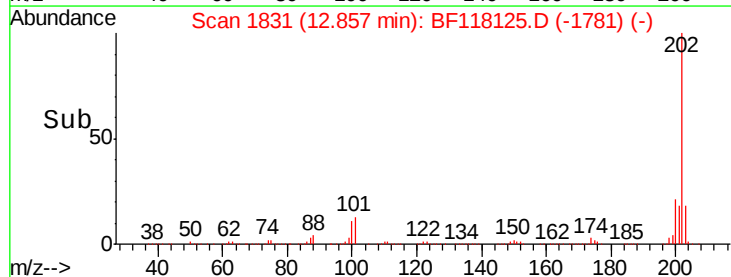
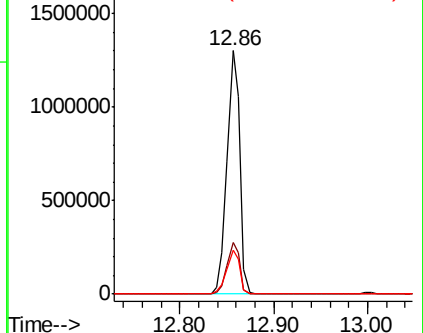
203 18.1 14.6 21.8

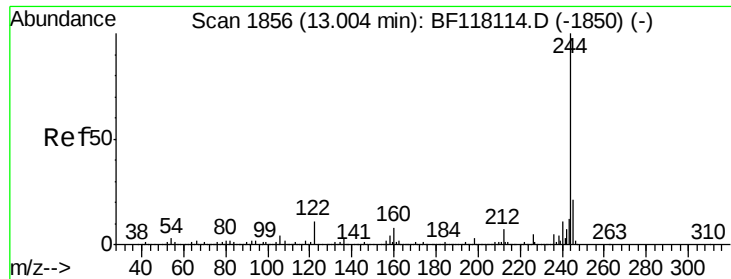


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.805 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

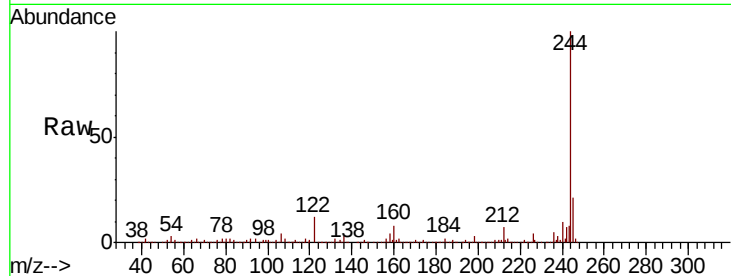
Tot Ion:244 Resp: 1844372

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

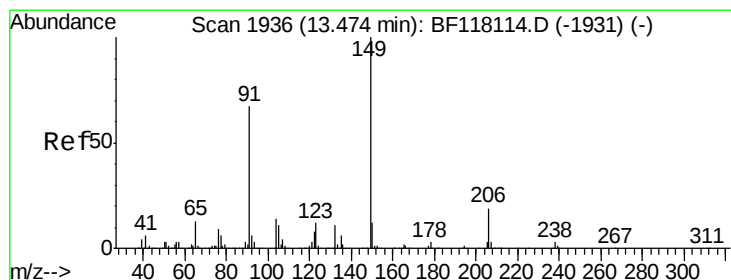
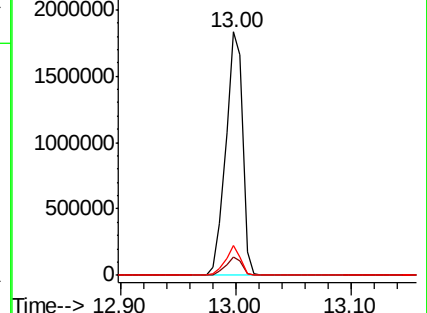
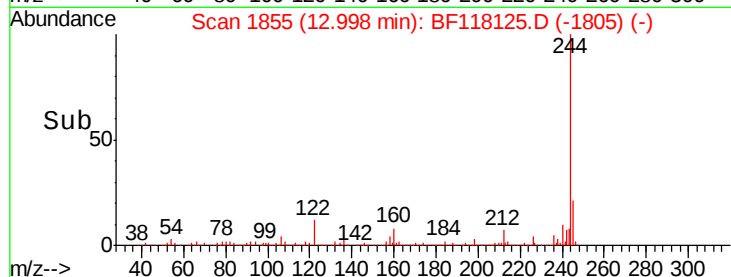
122 12.2 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.603 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

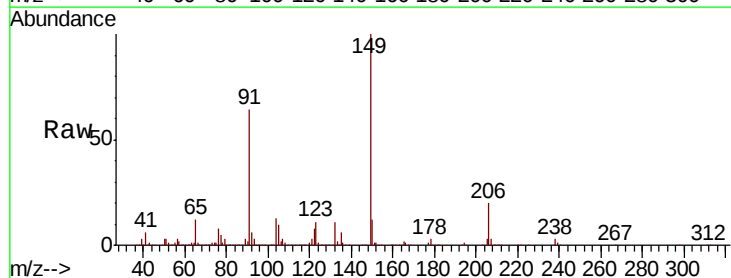
Tgt Ion:149 Resp: 556614

Ion Ratio Lower Upper

149 100

91 63.8 53.9 80.9

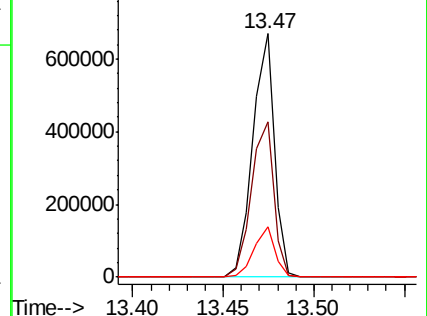
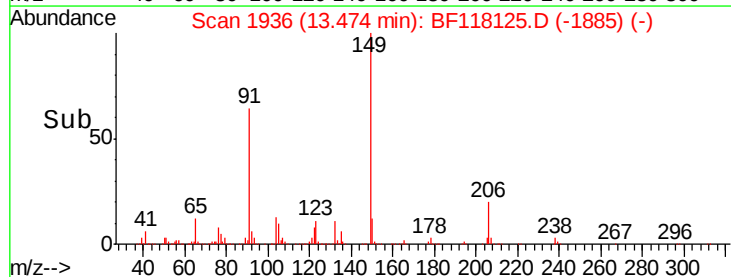
206 20.4 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.969 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

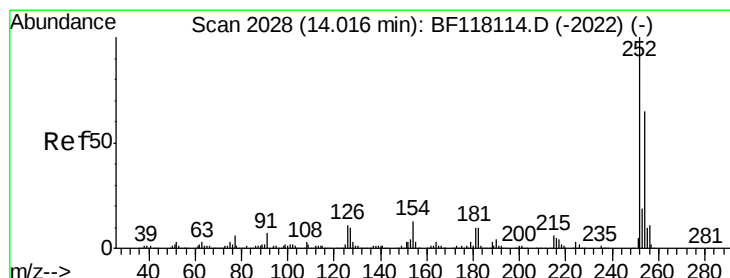
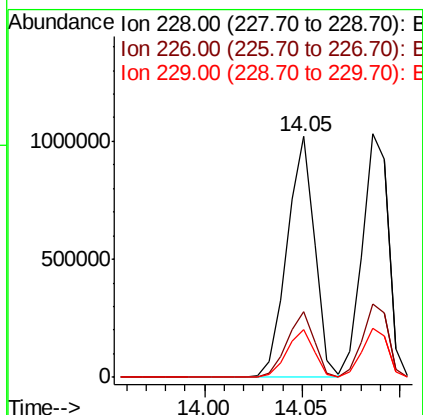
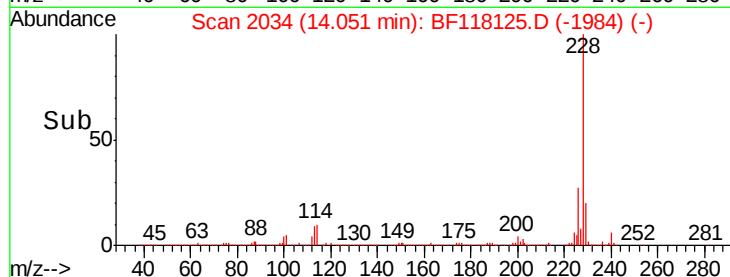
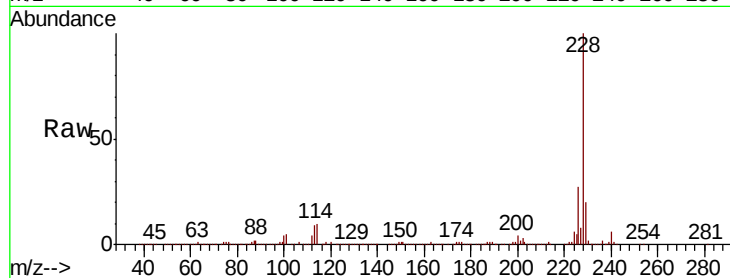
Tot Ion:228 Resp: 996101

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 17.448 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

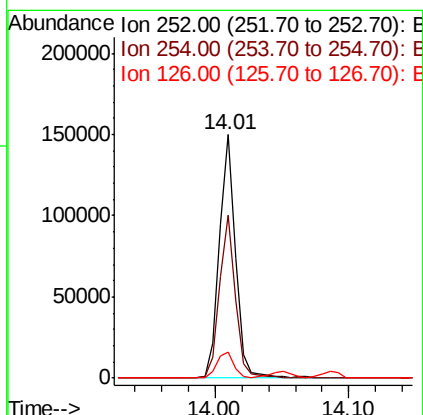
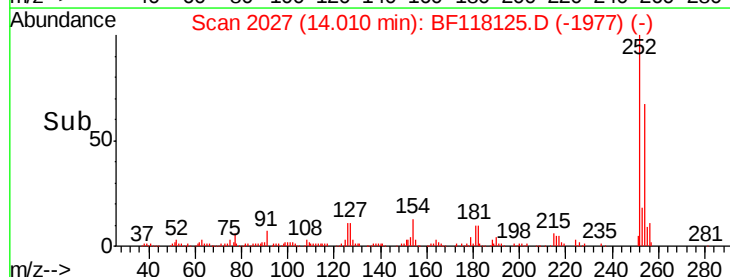
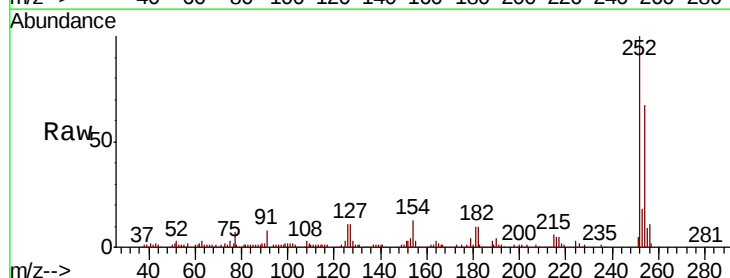
Tgt Ion:252 Resp: 129821

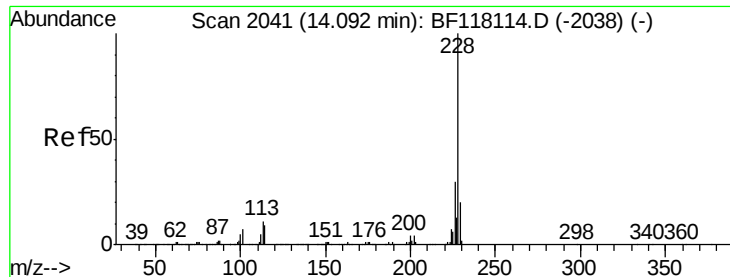
Ion Ratio Lower Upper

252 100

254 67.0 52.2 78.4

126 10.9 8.6 13.0





#83

Chrvsene

Concen: 44.188 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

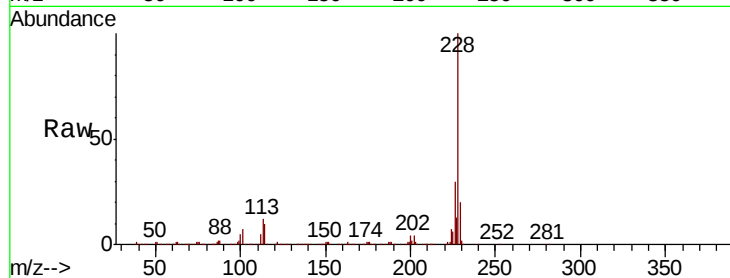
Tot Ion:228 Resp: 956237

Ion Ratio Lower Upper

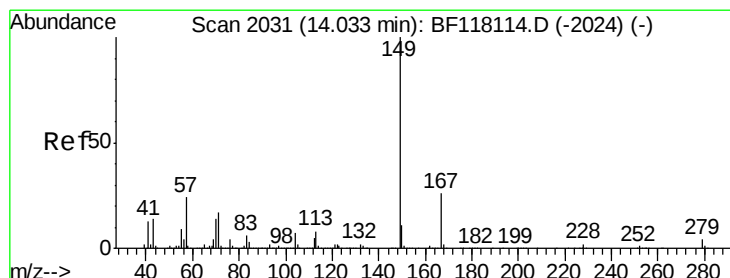
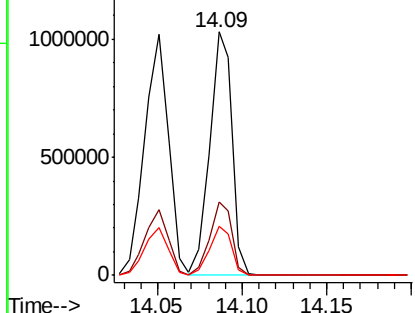
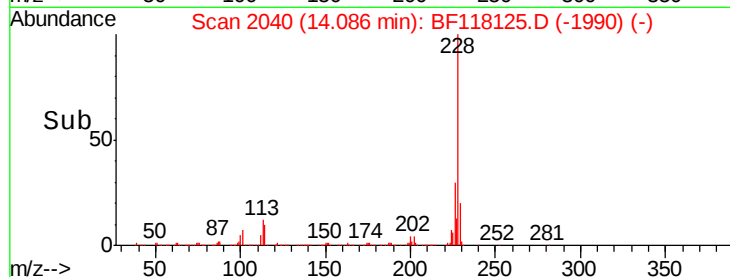
228 100

226 30.1 23.8 35.8

229 20.4 15.7 23.5



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: 49.927 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

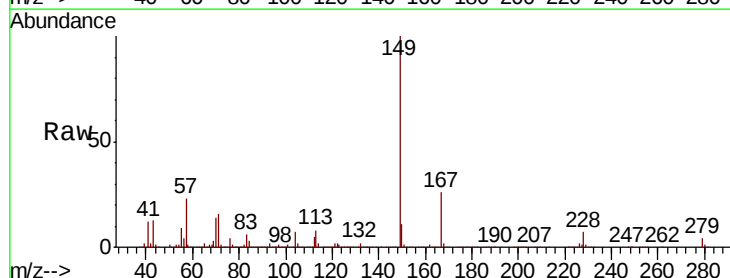
Tgt Ion:149 Resp: 769797

Ion Ratio Lower Upper

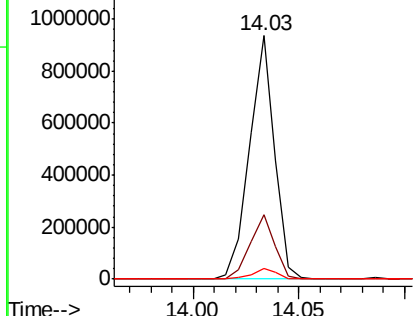
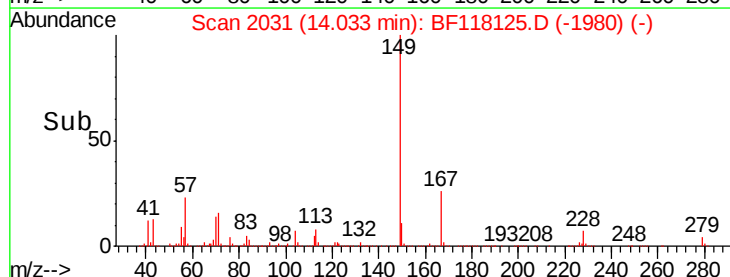
149 100

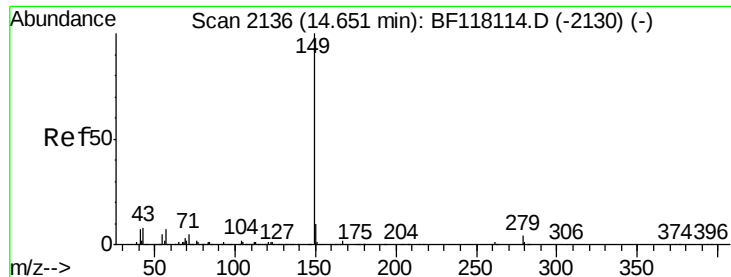
167 26.2 20.8 31.2

279 4.2 2.9 4.3



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: 50.177 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

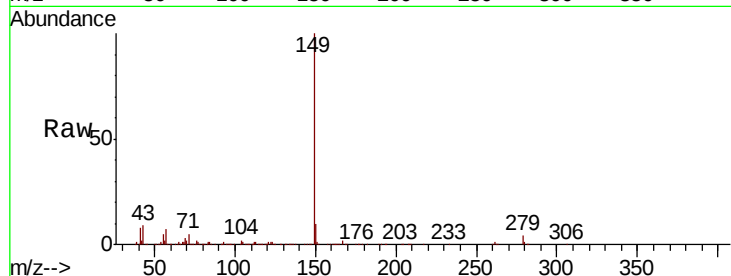
Tot Ion:149 Resp: 1171954

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

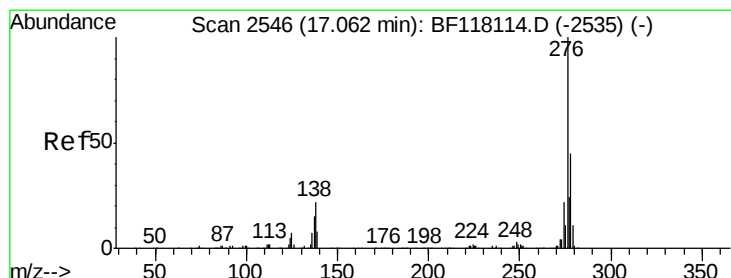
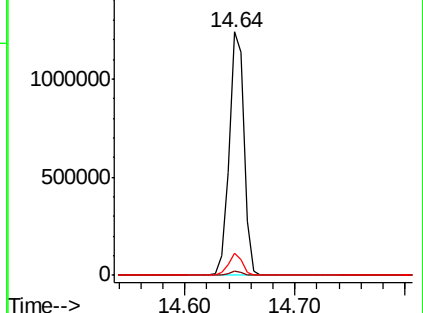
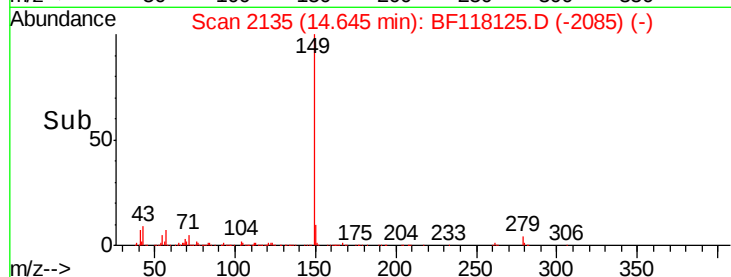
43 7.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.685 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

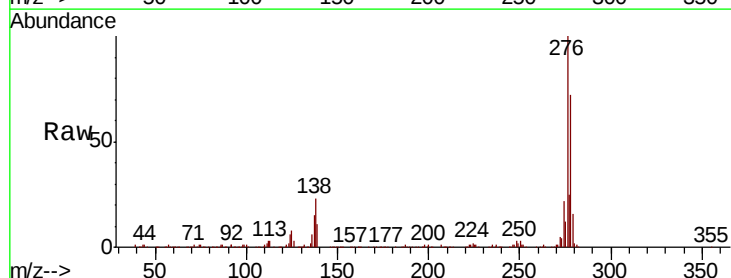
Tgt Ion:276 Resp: 941093

Ion Ratio Lower Upper

276 100

138 23.4 18.9 28.3

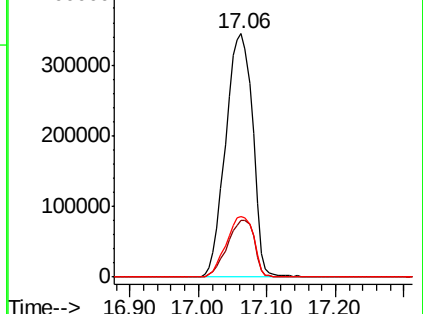
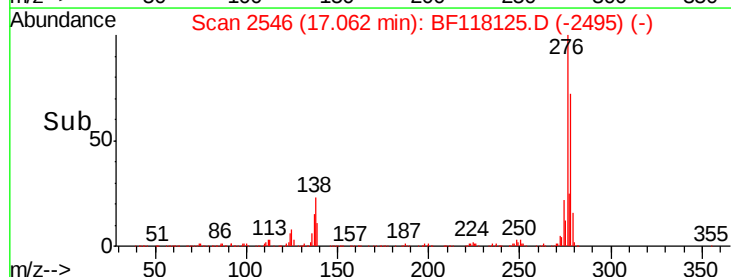
277 25.4 20.4 30.6

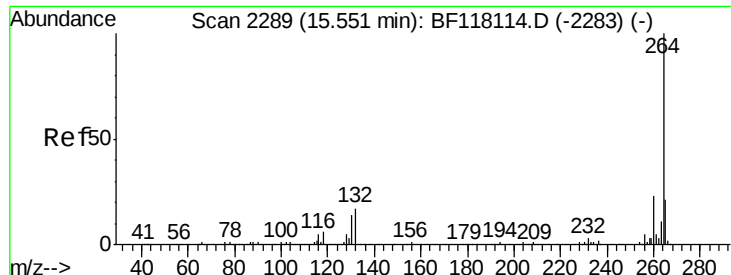


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

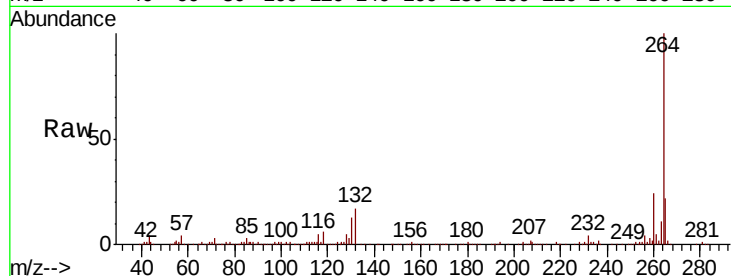
Tot Ion:264 Resp: 302589

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

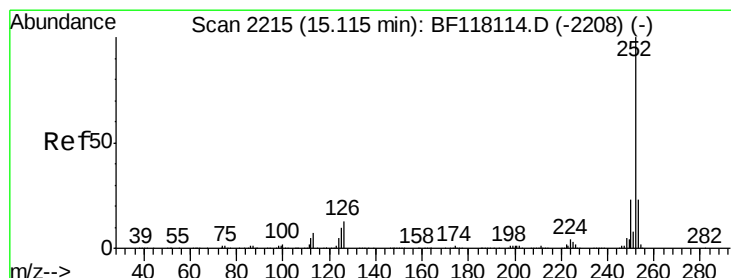
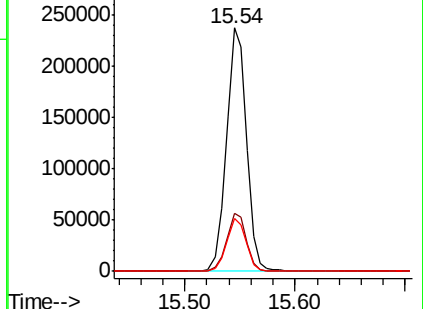
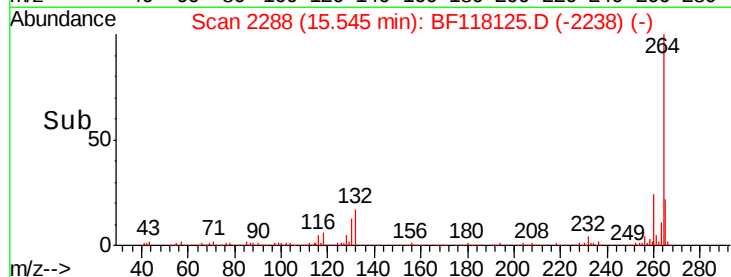
265 21.7 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.908 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

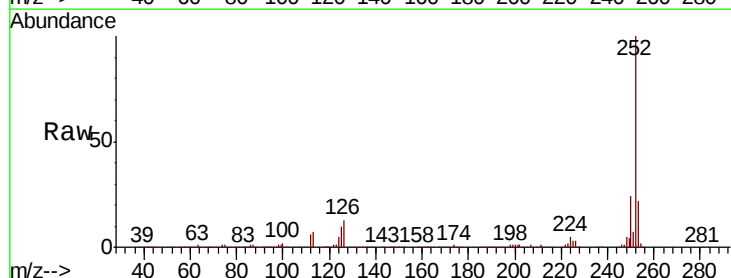
Tgt Ion:252 Resp: 878701

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

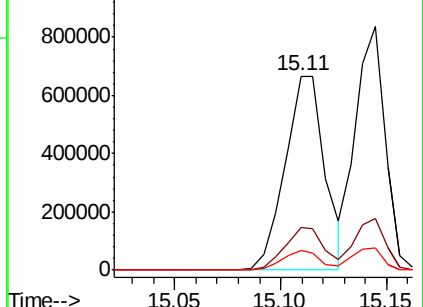
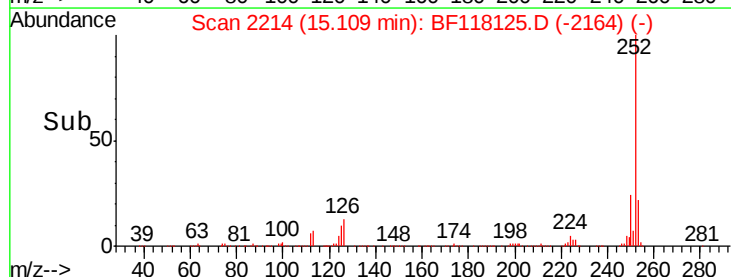
125 10.1 8.3 12.5

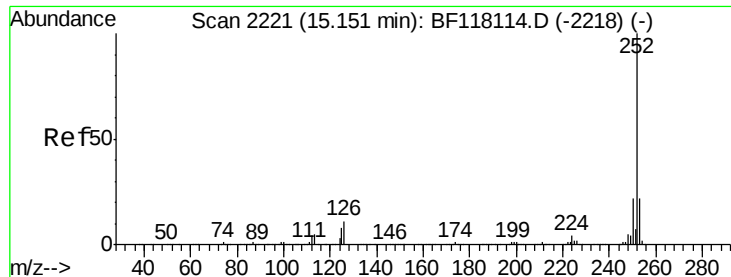


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

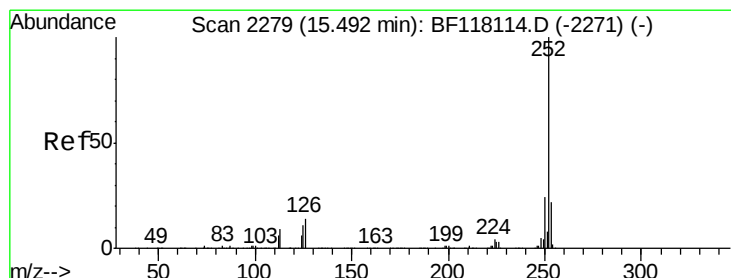
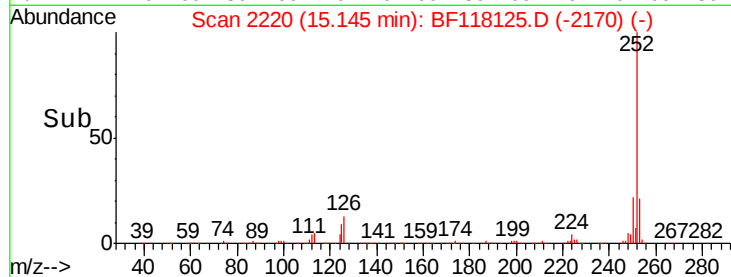
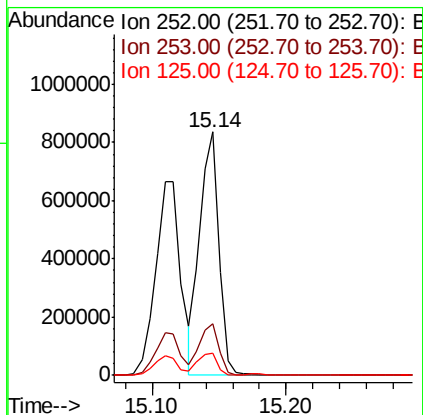
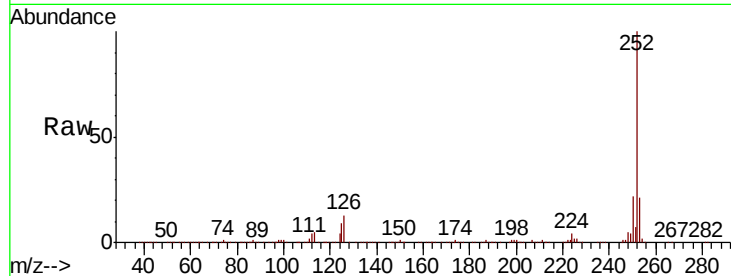




#89
Benzo(k)fluoranthene
Concen: 42.948 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

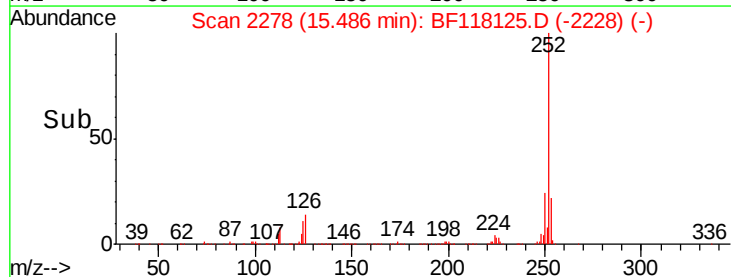
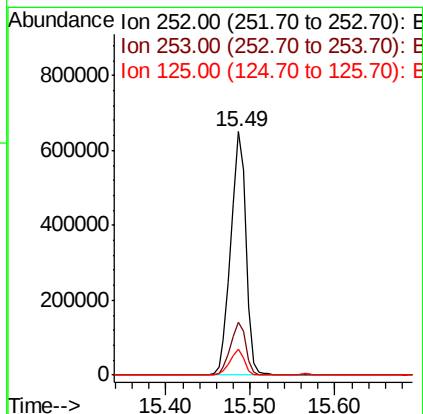
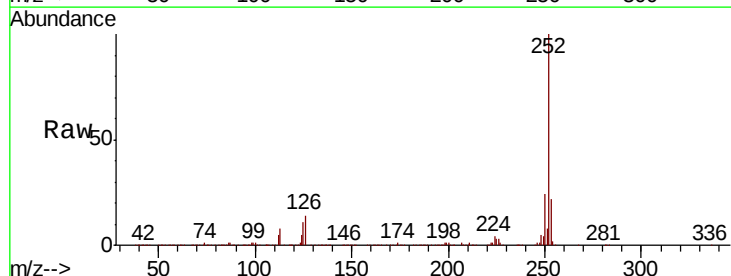
Instrument :
BNA_F
ClientSampleId :

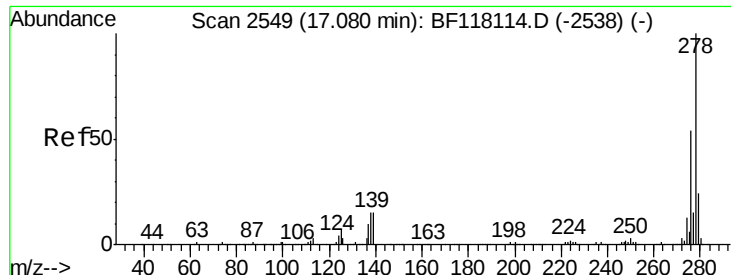
Tot Ion:252 Resp: 825680
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 9.0 6.7 10.1



#90
Benzo(a)pyrene
Concen: 45.544 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:252 Resp: 804972
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 9.1 13.7

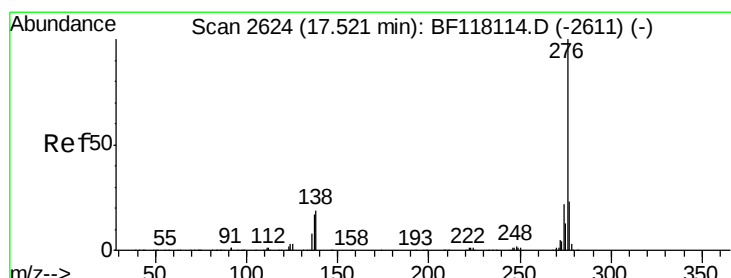
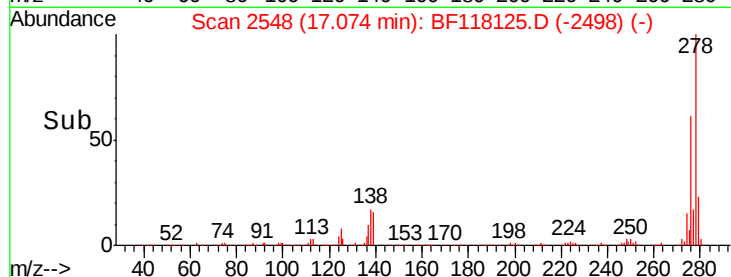
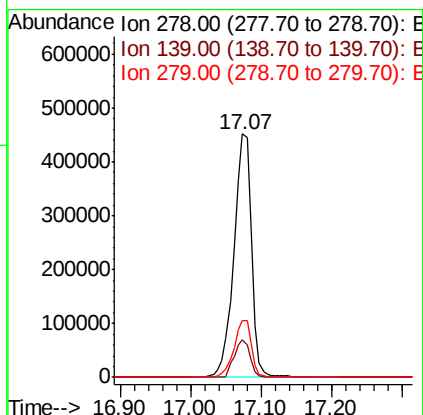
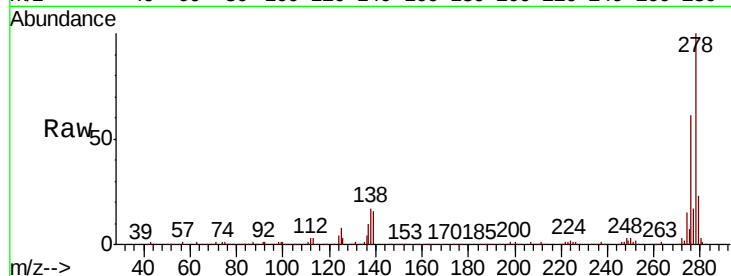




#91
Dibenzo(a,h)anthracene
Concen: 51.754 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	23.4	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 54.162 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.2	27.4
138	21.0	15.5	23.3

