

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118577.D
 Acq On : 18 Jan 2020 00:09
 Operator : JU
 Sample : PB126175BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BSD

Quant Time: Jan 18 01:11:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	341831	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1218265	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	662656	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1209705	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1008002	20.00	ng	0.00
87) Perylene-d12	15.52	264	1070232	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	959810	51.88	ng	0.00
7) Phenol-d6	6.50	99	747011	30.82	ng	-0.01
23) Nitrobenzene-d5	7.45	82	2270706	115.12	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	853441	116.50	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4047840	110.28	ng	0.00
79) Terphenyl-d14	13.00	244	4805883	94.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	163134	18.352	ng	98
3) Pyridine	3.45	79	290965	11.852	ng	98
4) n-Nitrosodimethylamine	3.36	42	214896	19.085	ng	# 96
6) Aniline	6.55	93	923676	29.112	ng	99
8) 2-Chlorophenol	6.67	128	982632	46.702	ng	95
9) Benzaldehyde	6.43	77	730947	58.904	ng	99
10) Phenol	6.52	94	382143	14.369	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	1057425	49.641	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1143989	45.722	ng	98
13) 1,4-Dichlorobenzene	6.91	146	1165347	46.362	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1107911	47.110	ng	98
15) Benzyl Alcohol	7.02	79	617987	31.064	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1422206	45.512	ng	99
17) 2-Methylphenol	7.13	107	643927	36.055	ng	99
18) Hexachloroethane	7.41	117	410444	44.808	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	848766	48.826	ng	98
20) 3+4-Methylphenols	7.29	107	716974	33.571	ng	92
22) Acetophenone	7.30	105	1531676	51.810	ng	# 93
24) Nitrobenzene	7.47	77	1179292	56.219	ng	99
25) Isophorone	7.71	82	2163519	50.537	ng	99
26) 2-Nitrophenol	7.79	139	503211	54.532	ng	95
27) 2,4-Dimethylphenol	7.82	122	905696	53.195	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1322013	48.063	ng	99
29) 2,4-Dichlorophenol	8.02	162	940704	50.195	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	1031869	47.246	ng	99
31) Naphthalene	8.19	128	2942893	51.223	ng	99
32) Benzoic acid	7.87	122	81548	13.701	ng	99
33) 4-Chloroaniline	8.23	127	1072246	40.167	ng	99
34) Hexachlorobutadiene	8.32	225	601566	44.159	ng	99
35) Caprolactam	8.59	113	34653	5.944	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	878636	47.294	ng	95
37) 2-Methylnaphthalene	8.89	142	2102994	51.667	ng	99
38) 1-Methylnaphthalene	8.99	142	2002124	51.993	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1058441	49.521	ng	99

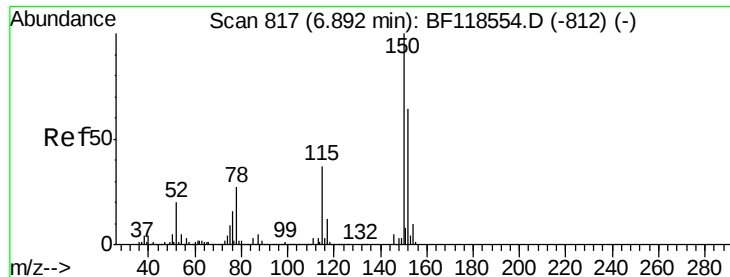
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1244925	111.480	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	728896	53.525	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	776477	56.398	ng	99
46) 1,1'-Biphenyl	9.35	154	2519853	53.218	ng	99
47) 2-Chloronaphthalene	9.37	162	2042460	51.178	ng	98
48) 2-Nitroaniline	9.46	65	610225	58.789	ng	94
49) Acenaphthylene	9.79	152	3073178	54.538	ng	100
50) Dimethylphthalate	9.65	163	2339492	51.420	ng	99
51) 2,6-Dinitrotoluene	9.70	165	537791	61.951	ng	95
52) Acenaphthene	9.96	154	1981510	53.679	ng	99
53) 3-Nitroaniline	9.87	138	475766	48.380	ng	# 98
54) 2,4-Dinitrophenol	9.97	184	195592	56.415	ng	# 8
55) Dibenzofuran	10.13	168	2812443	53.838	ng	96
56) 4-Nitrophenol	10.02	139	304954	41.979	ng	97
57) 2,4-Dinitrotoluene	10.10	165	685280	58.643	ng	98
58) Fluorene	10.47	166	2227566	55.066	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	667707	56.689	ng	98
60) Diethylphthalate	10.35	149	2314828	52.115	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	1183116	53.460	ng	98
62) 4-Nitroaniline	10.48	138	525917	53.846	ng	95
63) Azobenzene	10.63	77	2315732	53.492	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	198328	41.847	ng	78
66) n-Nitrosodiphenylamine	10.59	169	2030267	52.232	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	798910	49.336	ng	95
68) Hexachlorobenzene	11.03	284	878148	48.936	ng	97
69) Atrazine	11.11	200	734847	65.512	ng	98
70) Pentachlorophenol	11.22	266	943118	106.941	ng	98
71) Phenanthrene	11.44	178	3230530	53.129	ng	99
72) Anthracene	11.49	178	3326247	54.828	ng	99
73) Carbazole	11.64	167	2977855	54.426	ng	100
74) Di-n-butylphthalate	11.97	149	3377315	49.671	ng	100
75) Fluoranthene	12.62	202	3499049	53.510	ng	98
77) Benzidine	12.73	184	768690	31.387	ng	100
78) Pyrene	12.85	202	3564081	47.374	ng	100
80) Butylbenzylphthalate	13.47	149	1500023	46.513	ng	95
81) Benzo(a)anthracene	14.04	228	3257017	51.191	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	1301014	58.282	ng	99
83) Chrysene	14.08	228	3143027	51.356	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2034589	50.829	ng	99
85) Di-n-octyl phthalate	14.64	149	3353222	54.704	ng	98
86) Indeno(1,2,3-cd)pyrene	17.01	276	3968547	65.896	ng	100
88) Benzo(b)fluoranthene	15.09	252	3243649	46.534	ng	99
89) Benzo(k)fluoranthene	15.12	252	3272108	51.941	ng	98
90) Benzo(a)pyrene	15.46	252	2995386	49.386	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	3270370	57.731	ng	99
92) Benzo(g,h,i)perylene	17.46	276	3294759	60.213	ng	98

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

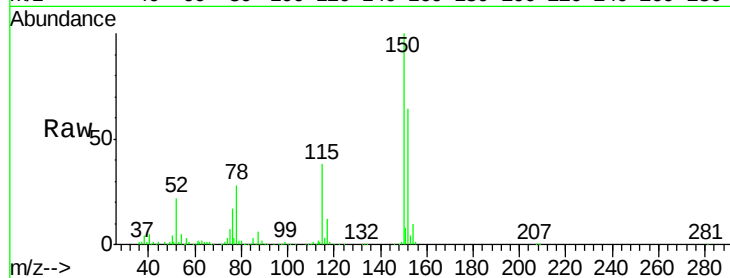


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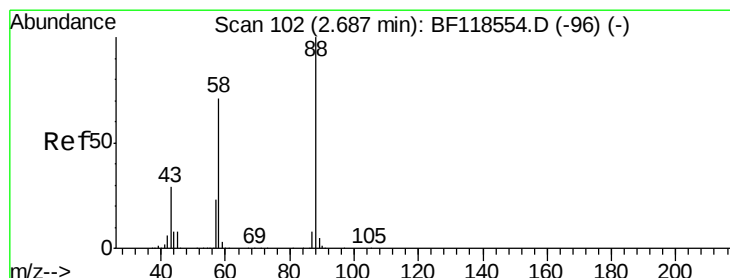
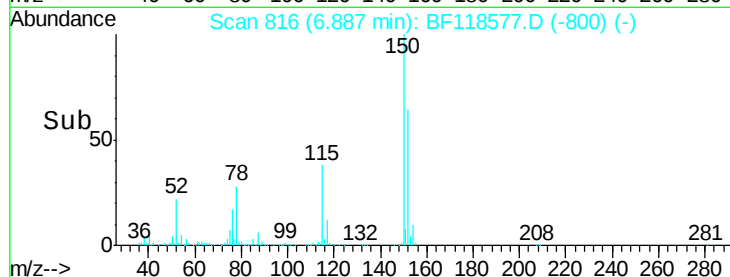
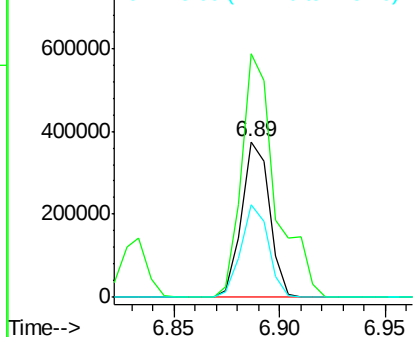
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion:152 Resp: 341831
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 59.5 45.8 68.6



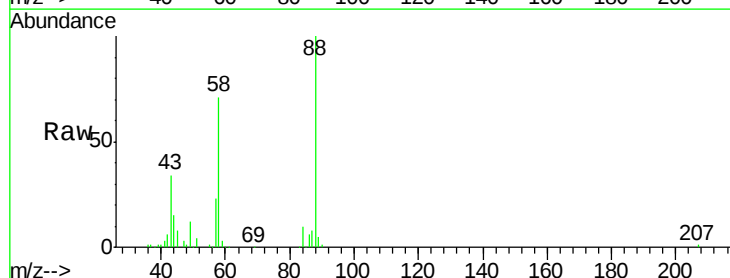
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



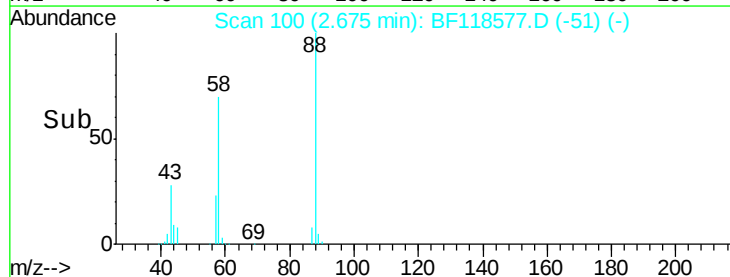
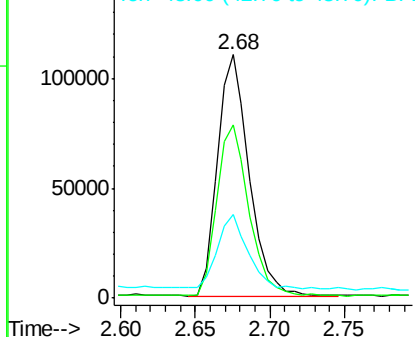
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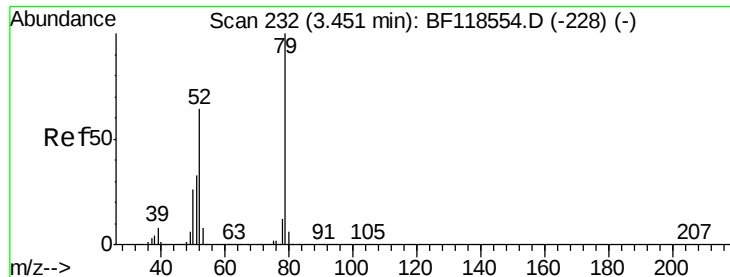
1,4-Dioxane
Concen: 18.352 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion: 88 Resp: 163134
Ion Ratio Lower Upper
88 100
58 72.4 56.7 85.1
43 31.3 23.3 34.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 11.852 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

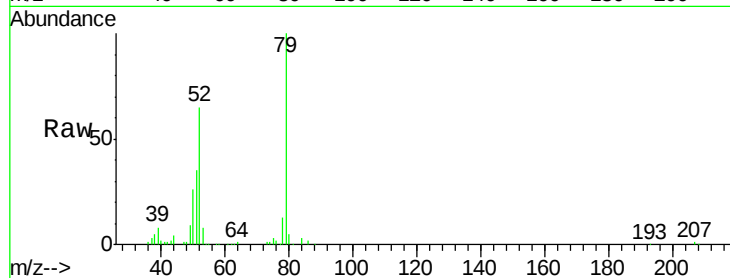
Tot Ion: 79 Resp: 290965

Ion Ratio Lower Upper

79 100

52 65.5 51.3 76.9

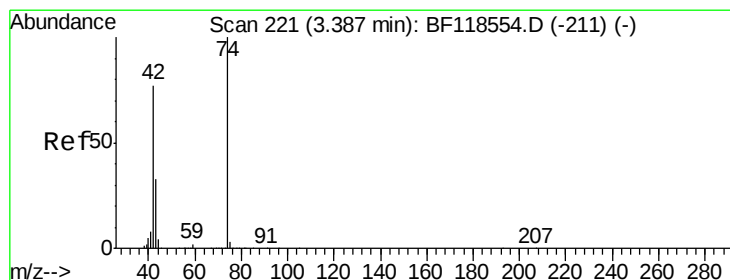
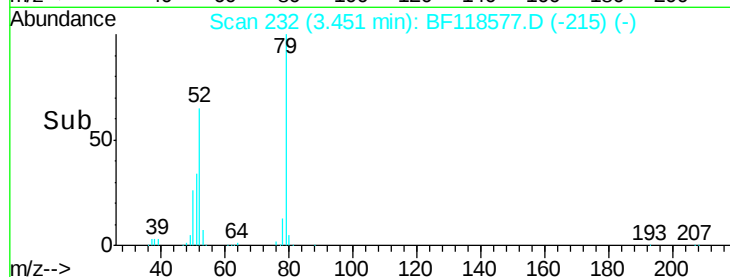
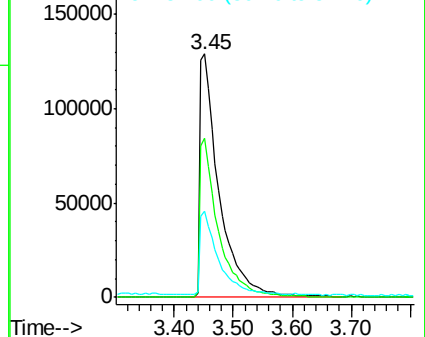
51 35.3 26.7 40.1



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: 19.085 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.03 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

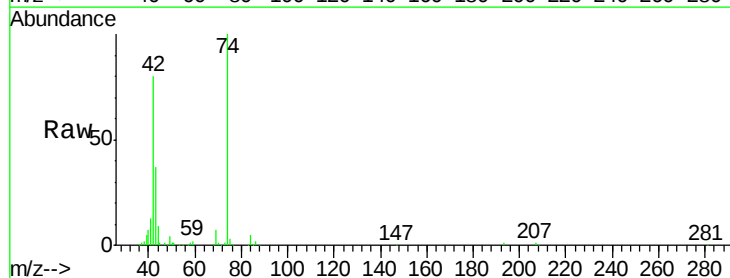
Tgt Ion: 42 Resp: 214896

Ion Ratio Lower Upper

42 100

74 124.9 103.1 154.7

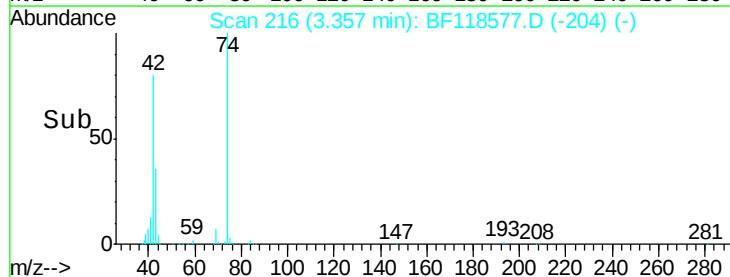
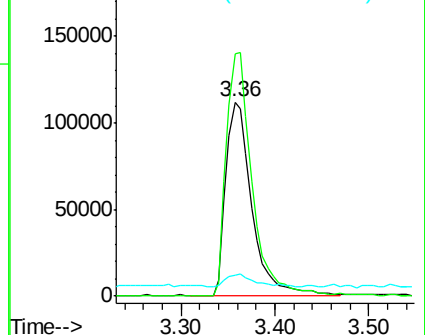
44 11.0 5.4 8.2#

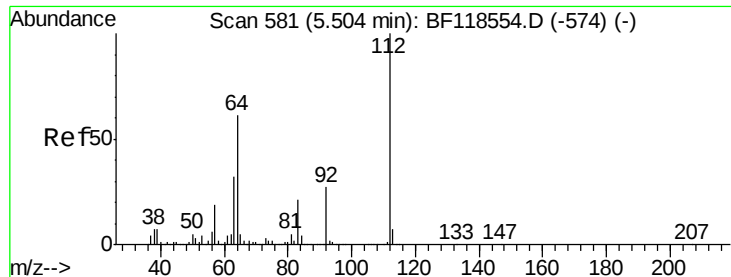


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 51.881 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

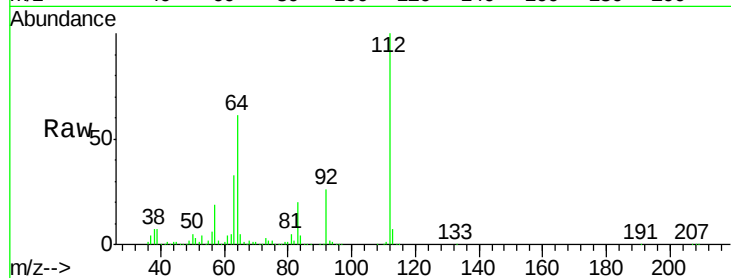
Tot Ion:112 Resp: 959810

Ion Ratio Lower Upper

112 100

64 61.2 49.1 73.7

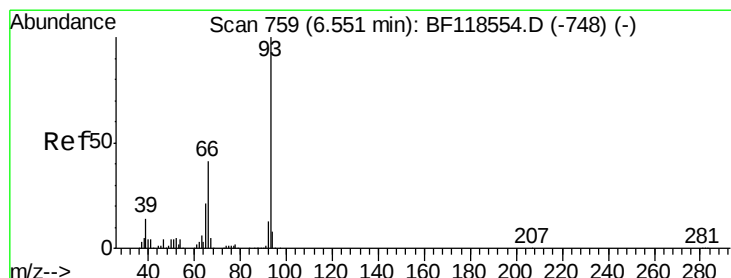
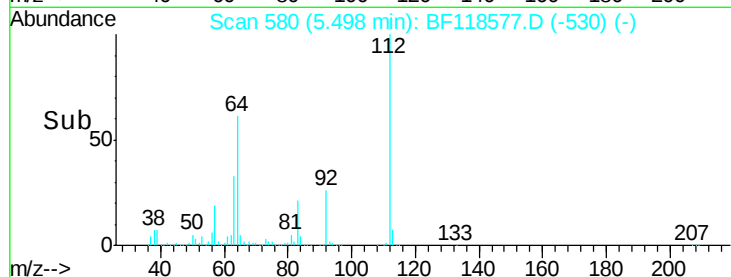
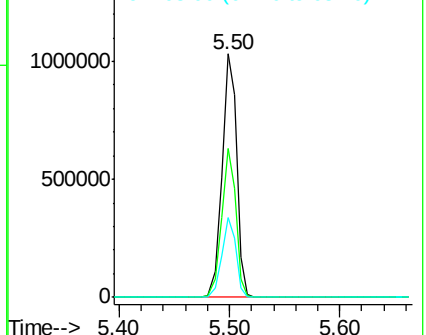
63 32.9 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.112 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

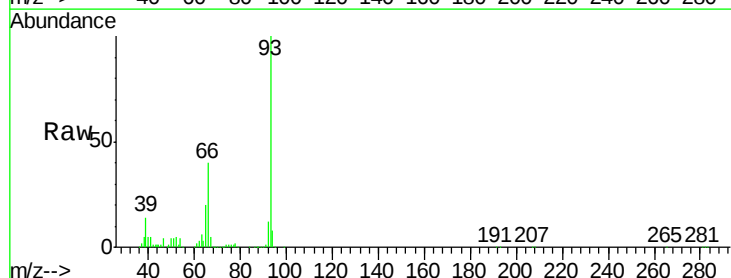
Tgt Ion: 93 Resp: 923676

Ion Ratio Lower Upper

93 100

66 40.2 32.9 49.3

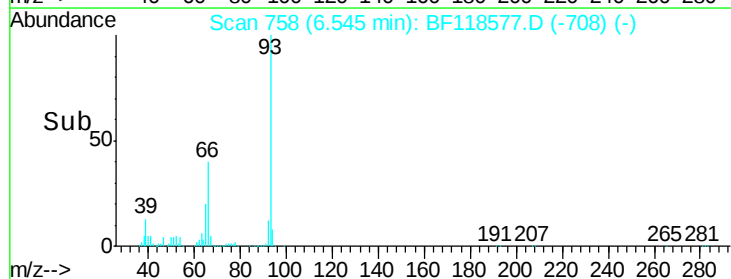
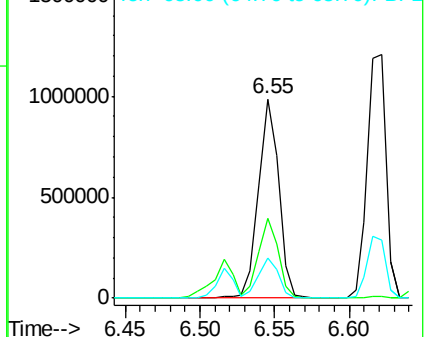
65 20.4 16.5 24.7

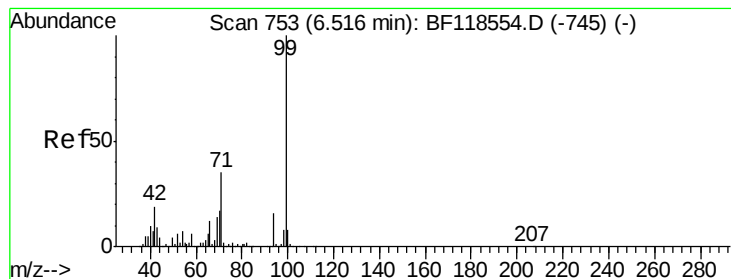


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 30.816 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

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ClientSampleId :

PB126175BSD

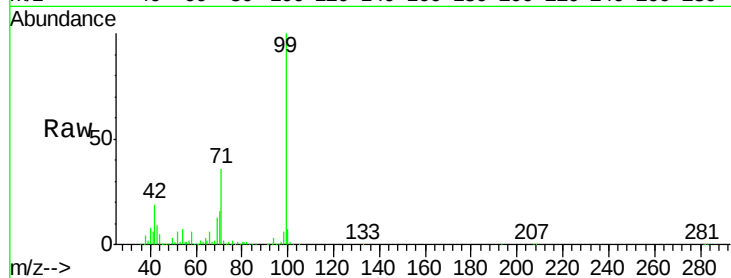
Tot Ion: 99 Resp: 747011

Ion Ratio Lower Upper

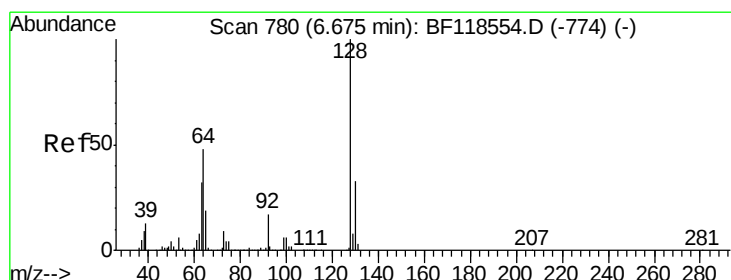
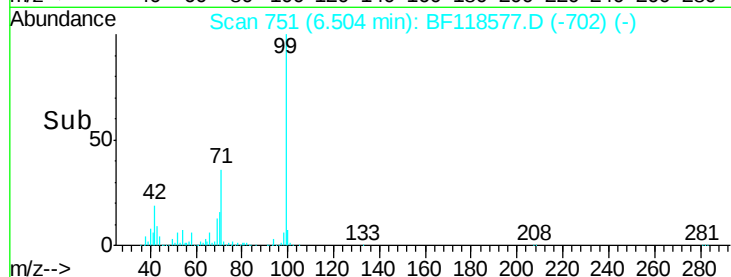
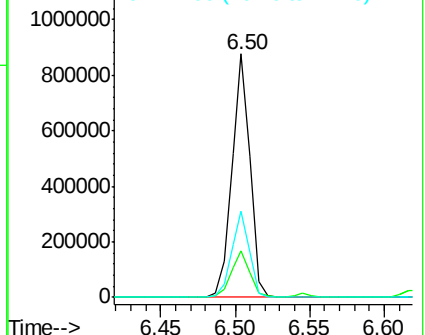
99 100

42 19.3 14.9 22.3

71 35.6 28.3 42.5



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: 46.702 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

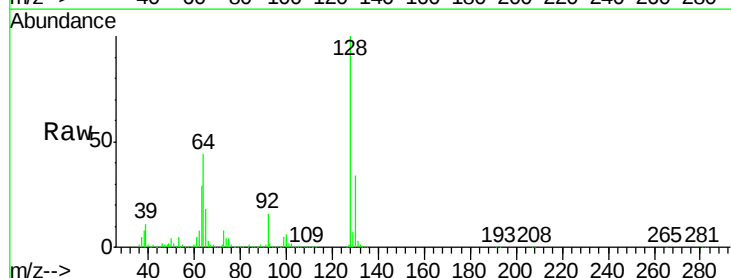
Tgt Ion: 128 Resp: 982632

Ion Ratio Lower Upper

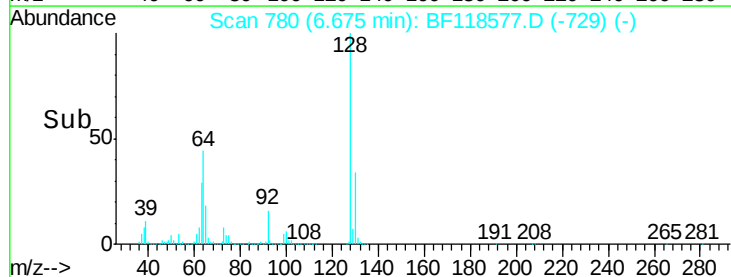
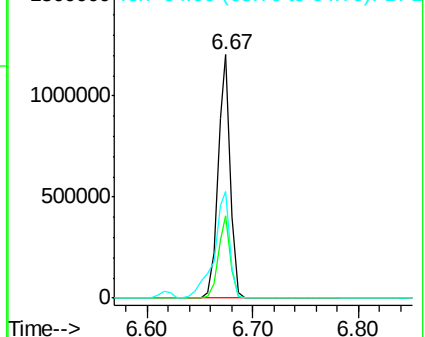
128 100

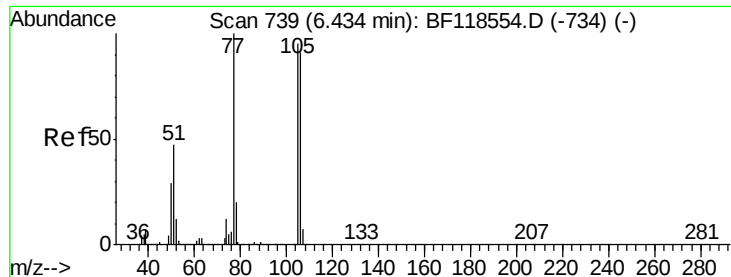
130 33.8 13.2 53.2

64 43.7 28.9 68.9



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: 58.904 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

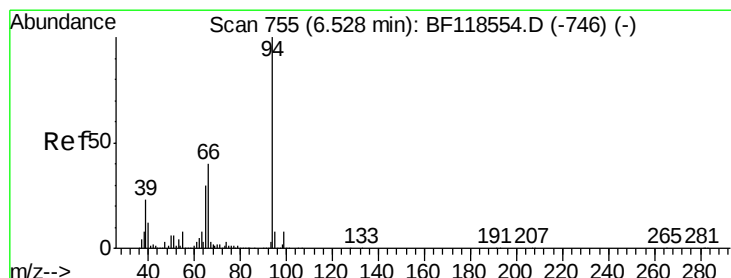
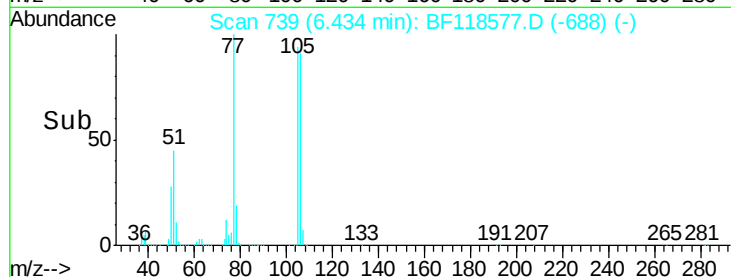
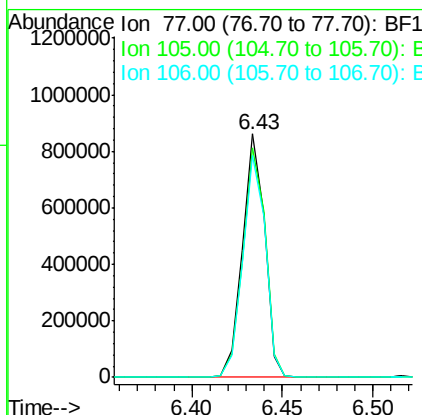
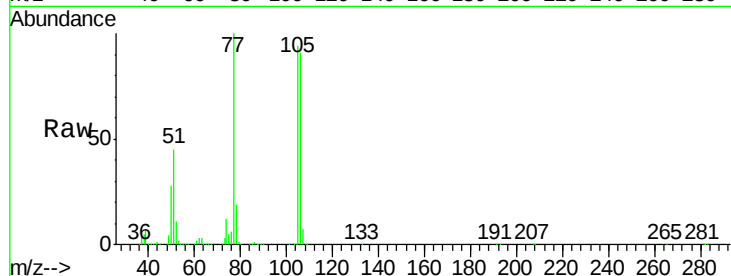
Tot Ion: 77 Resp: 730947

Ion Ratio Lower Upper

77 100

105 94.1 75.2 115.2

106 90.9 71.4 111.4



#10

Phenol

Concen: 14.369 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

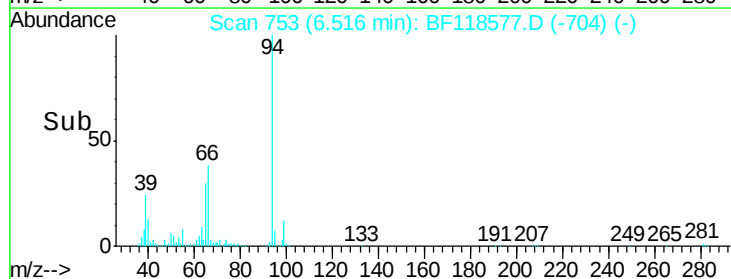
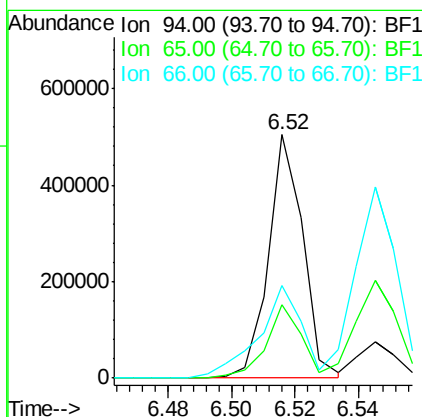
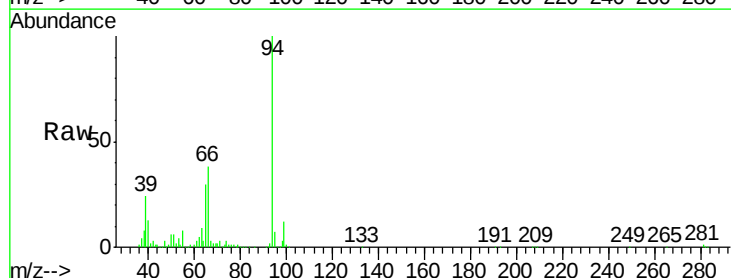
Tgt Ion: 94 Resp: 382143

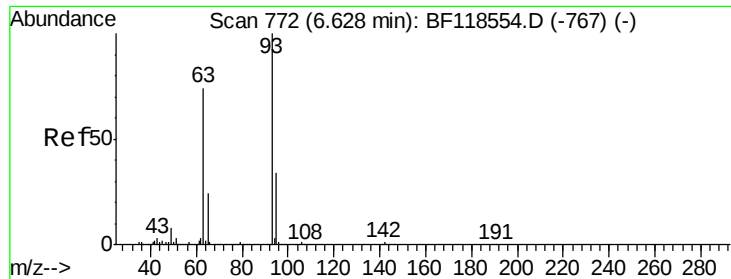
Ion Ratio Lower Upper

94 100

65 29.9 9.8 49.8

66 38.1 19.5 59.5



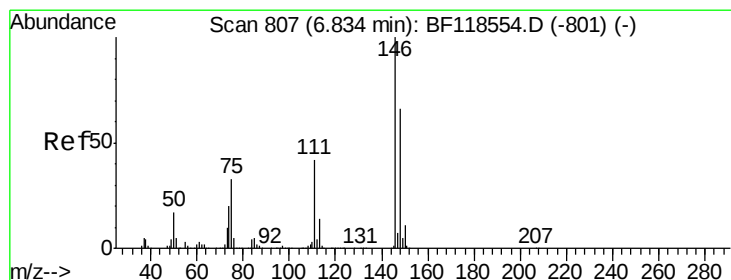
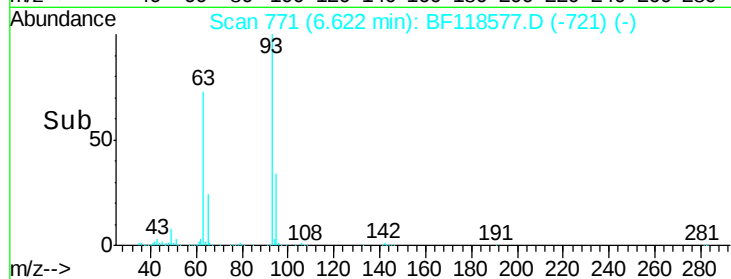
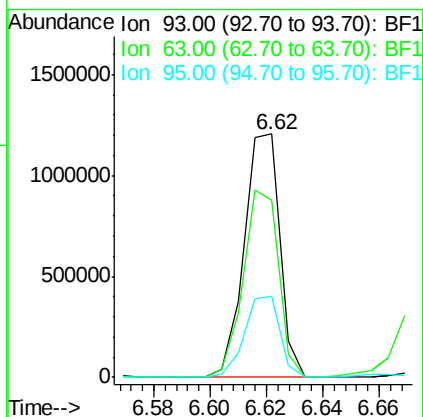
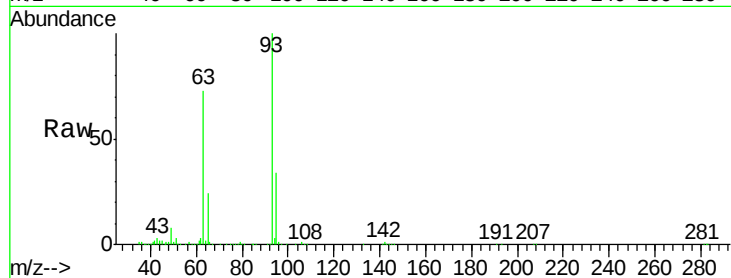


#11
bis(2-Chloroethyl)ether
Concen: 49.641 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion: 93 Resp: 1057425

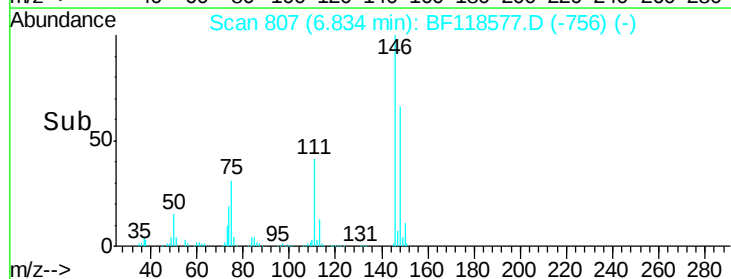
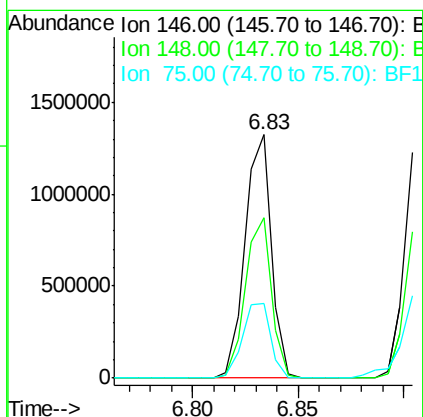
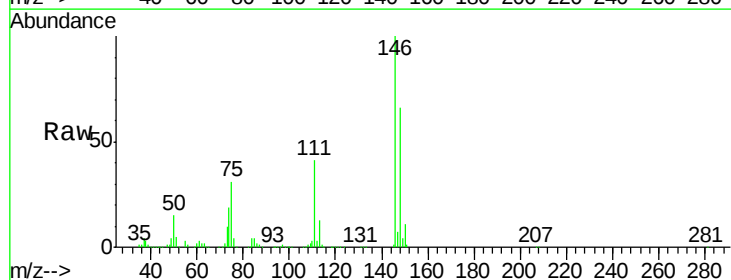
Ion	Ratio	Lower	Upper
93	100		
63	72.8	54.0	94.0
95	33.5	13.5	53.5

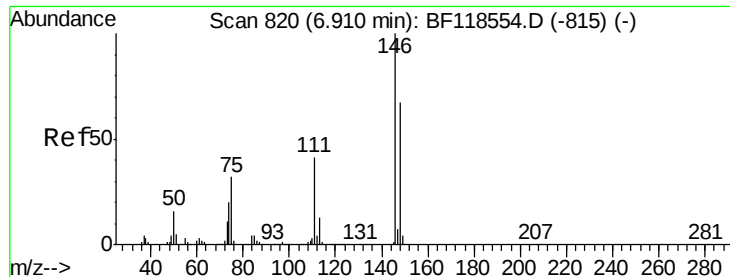


#12
1,3-Dichlorobenzene
Concen: 45.722 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion: 146 Resp: 1143989

Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.0	79.6
75	30.8	26.5	39.7

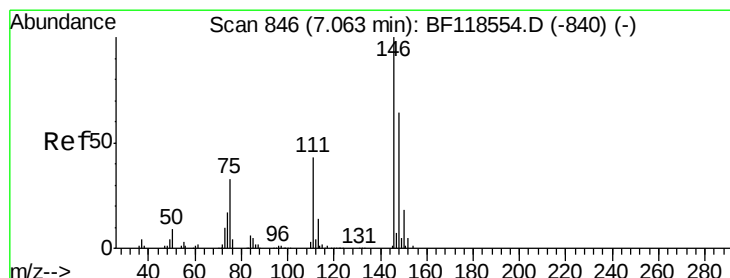
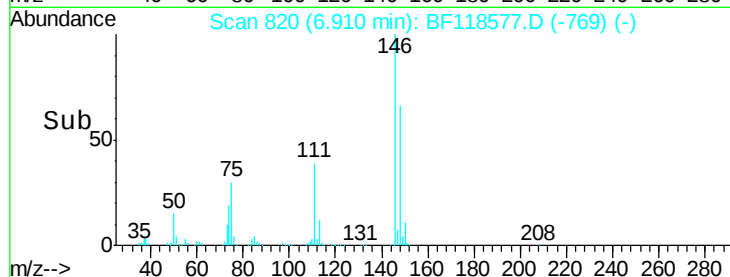
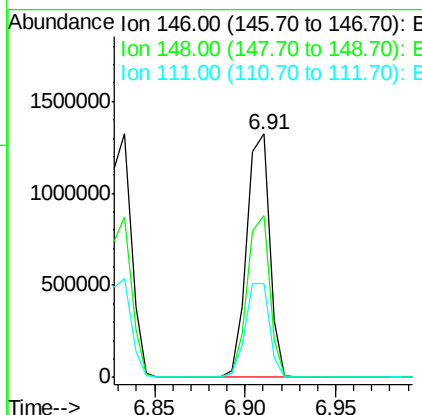
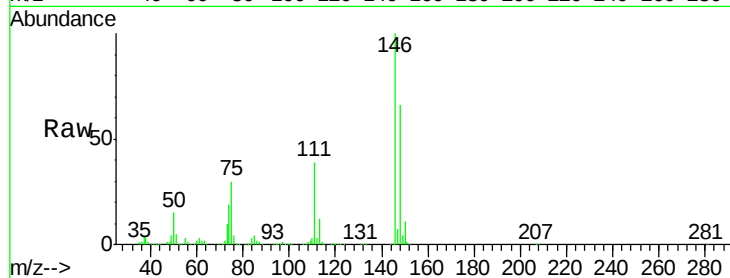




#13
 1,4-Dichlorobenzene
 Concen: 46.362 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

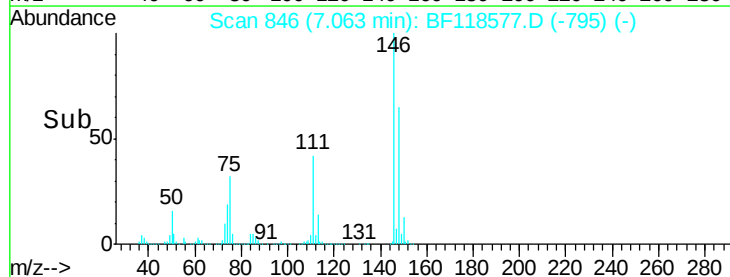
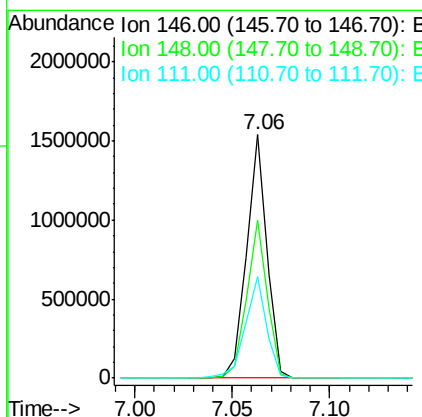
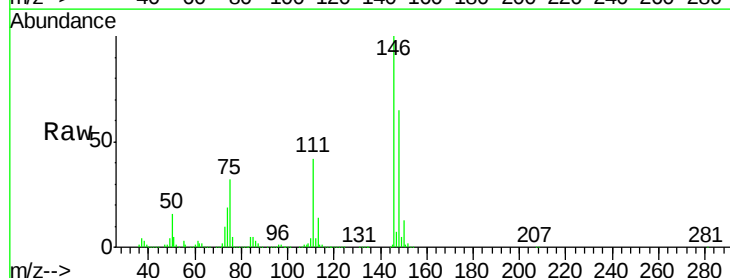
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BSD

Tot Ion:146 Resp: 1165347
 Ion Ratio Lower Upper
 146 100
 148 66.3 53.4 80.2
 111 38.7 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 47.110 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

Tgt Ion:146 Resp: 1107911
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.2 76.8
 111 41.6 34.6 52.0





#15

Benzyl Alcohol

Concen: 31.064 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

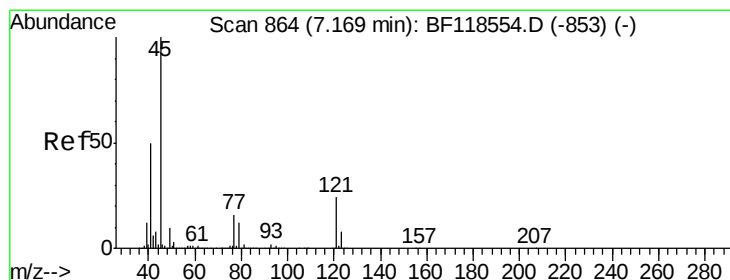
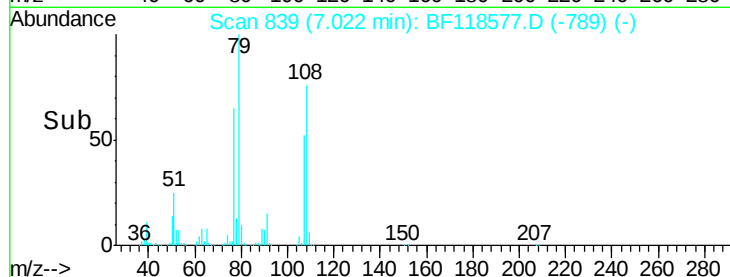
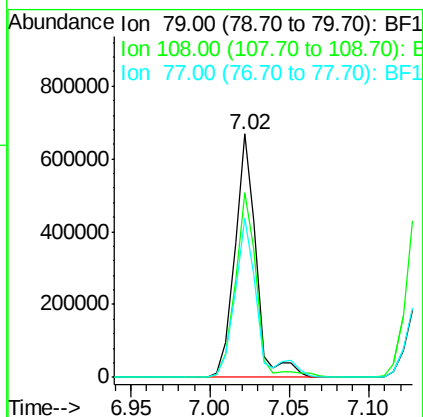
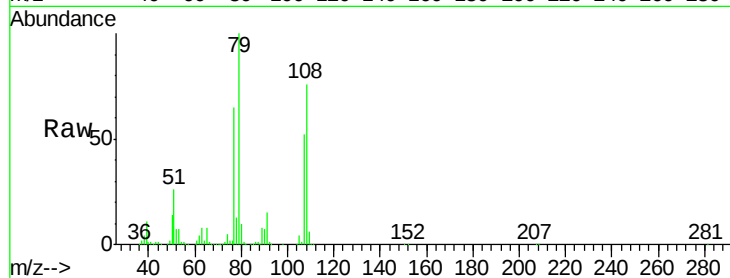
Tot Ion: 79 Resp: 617987

Ion Ratio Lower Upper

79 100

108 75.9 61.9 92.9

77 65.3 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.512 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

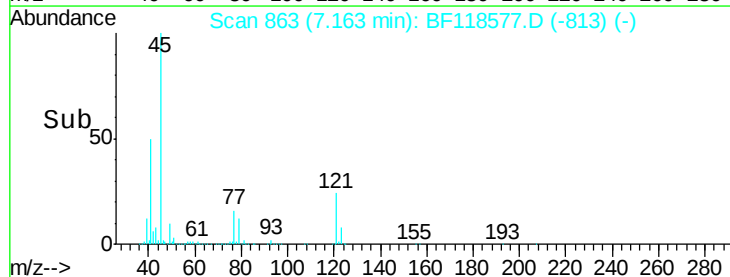
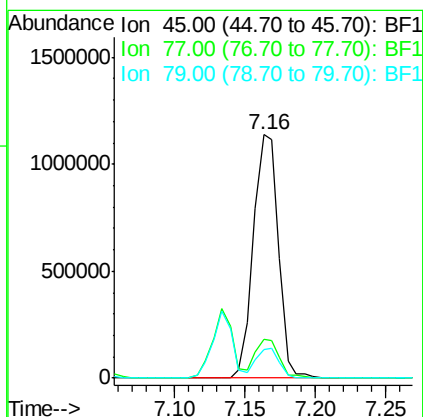
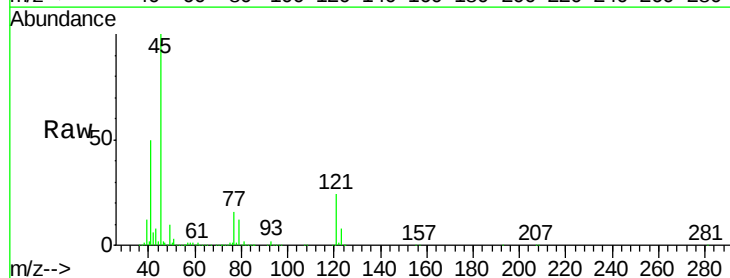
Tgt Ion: 45 Resp: 1422206

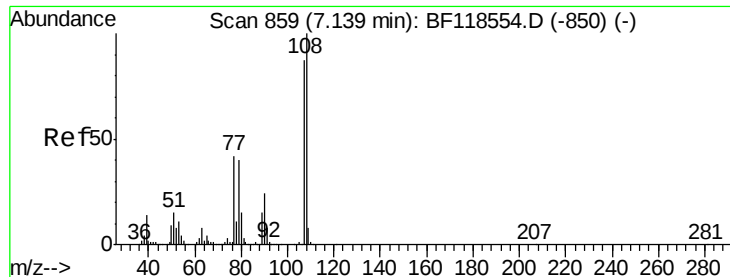
Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.8

79 11.7 0.0 32.2





#17

2-Methylphenol

Concen: 36.055 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

Tot Ion:107 Resp: 643927

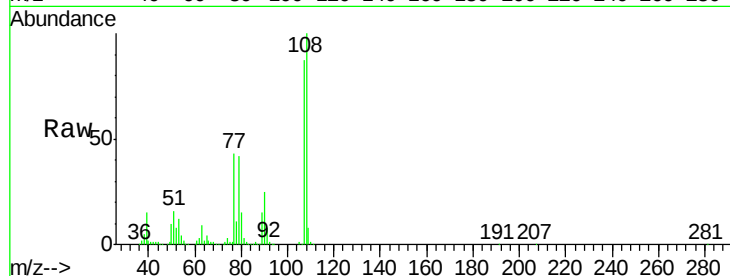
Ion Ratio Lower Upper

107 100

108 115.2 92.3 138.5

77 49.1 38.6 57.8

79 47.9 37.0 55.6



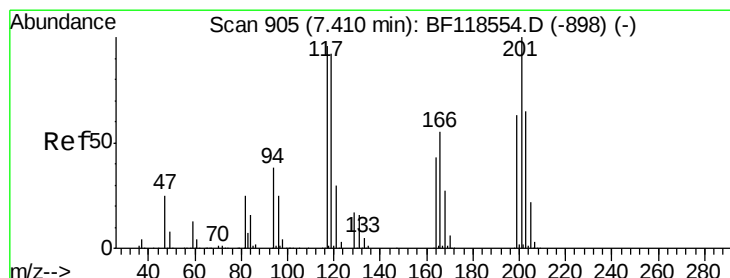
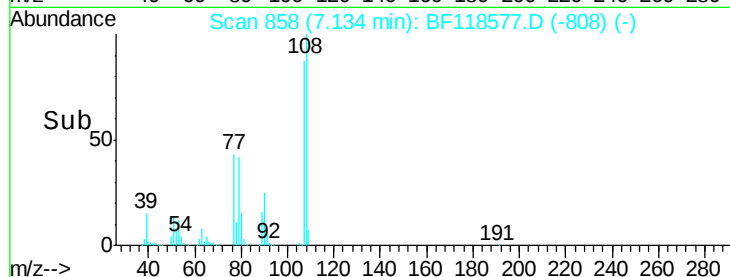
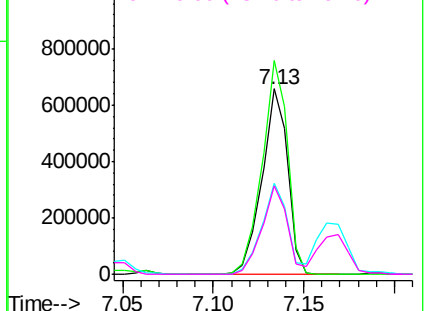
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.808 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

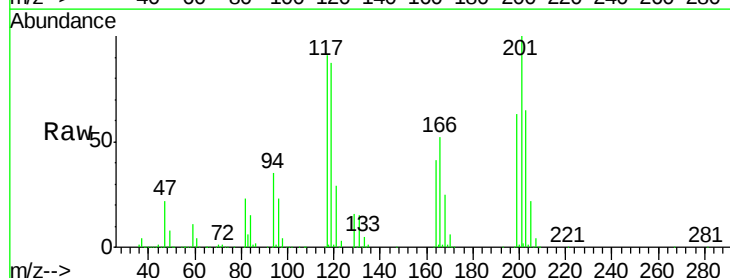
Tgt Ion:117 Resp: 410444

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

201 110.2 83.6 125.4

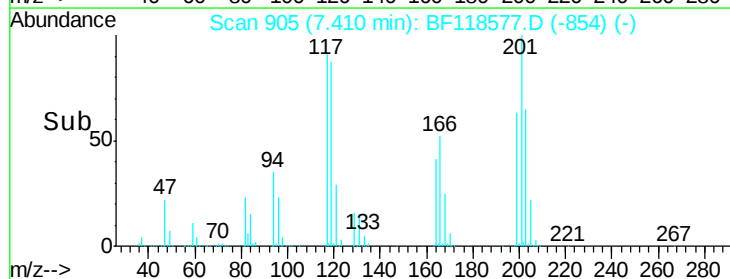
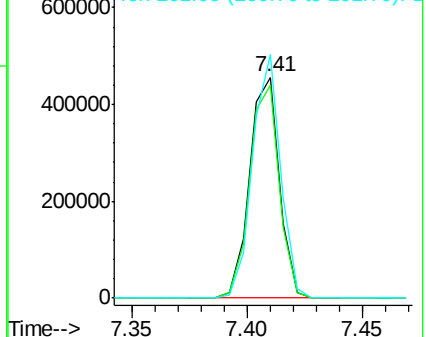


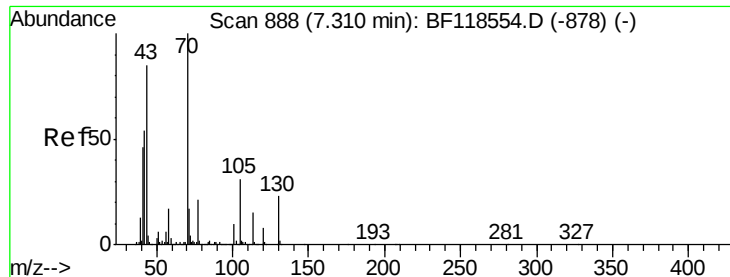
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

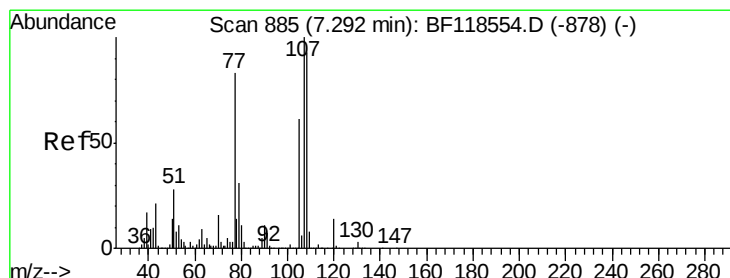
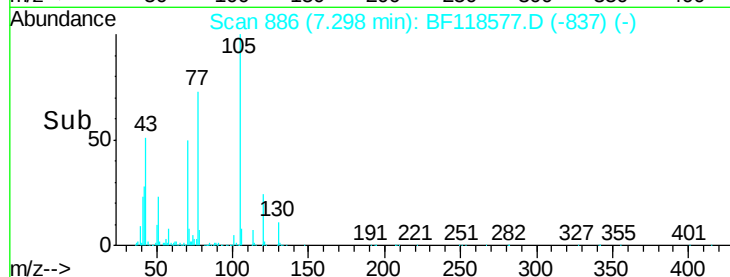
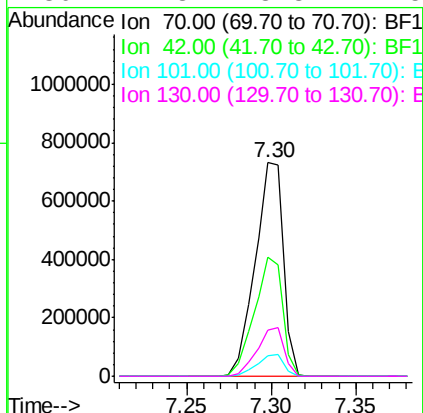
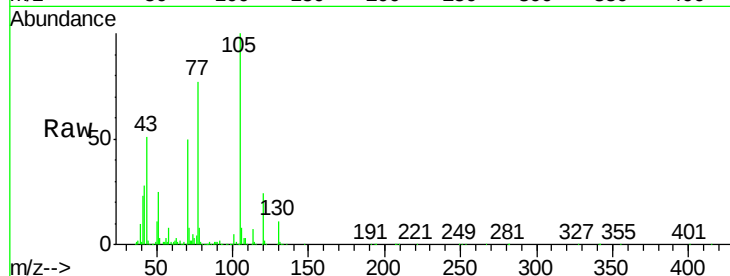




#19
n-Nitroso-di-n-propylamine
Concen: 48.826 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

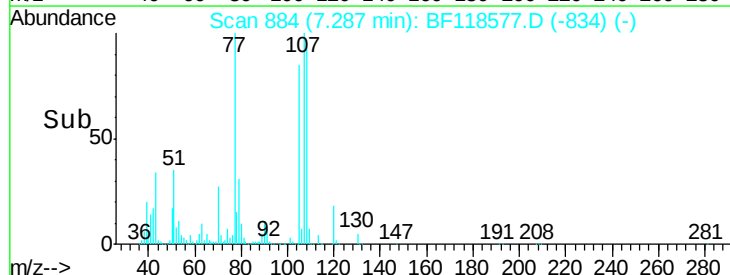
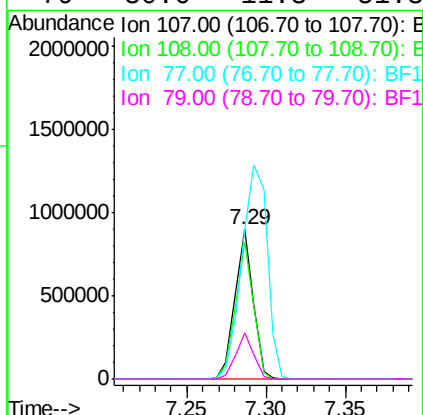
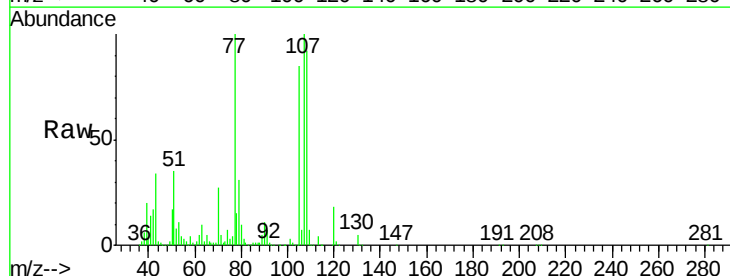
Instrument :
BNA_F
ClientSampleId :
PB126175BSD

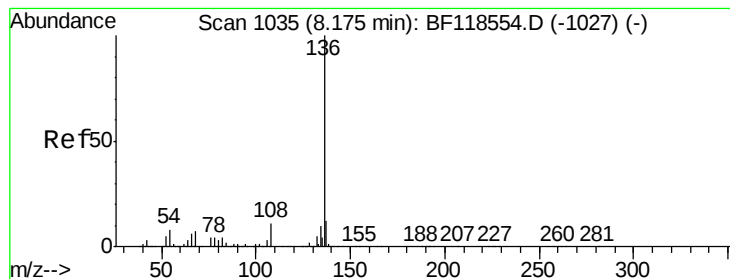
Tot Ion:	70	Resp:	848766
Ion	Ratio	Lower	Upper
70	100		
42	55.5	43.6	65.4
101	9.5	7.7	11.5
130	21.3	18.3	27.5



#20
3+4-Methylphenols
Concen: 33.571 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:	107	Resp:	716974
Ion	Ratio	Lower	Upper
107	100		
108	91.6	72.6	112.6
77	99.8	63.0	103.0
79	30.6	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

Tot Ion:136 Resp: 1218265

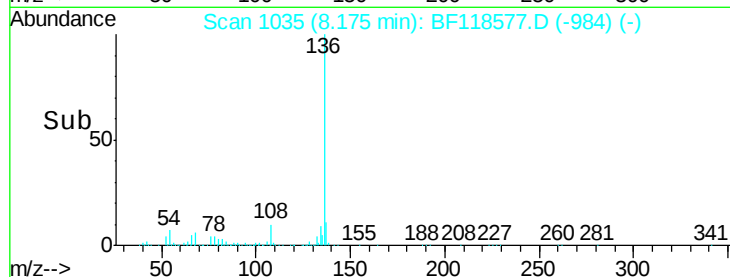
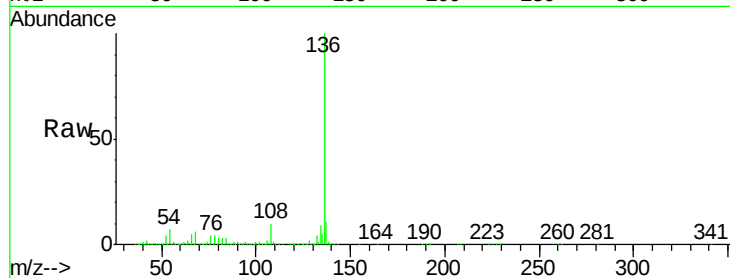
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 6.9 6.2 9.2

68 5.8 5.4 8.0

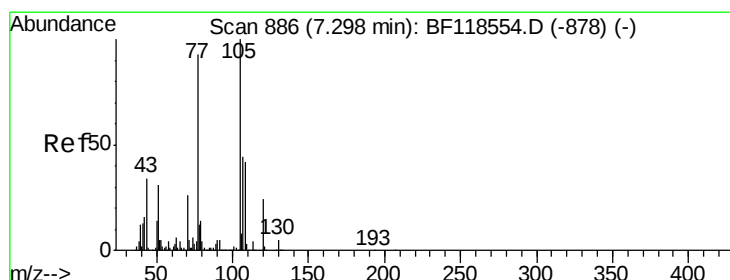
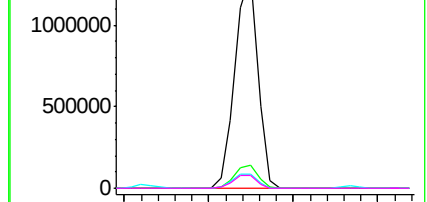


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.810 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Tgt Ion:105 Resp: 1531676

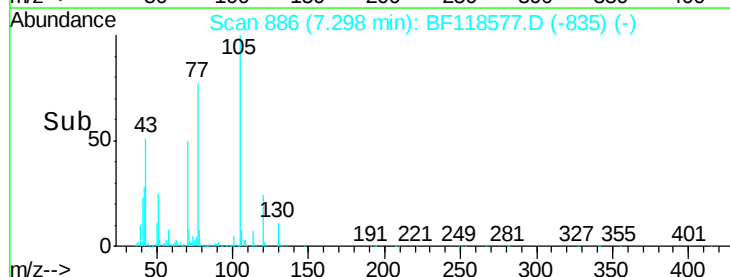
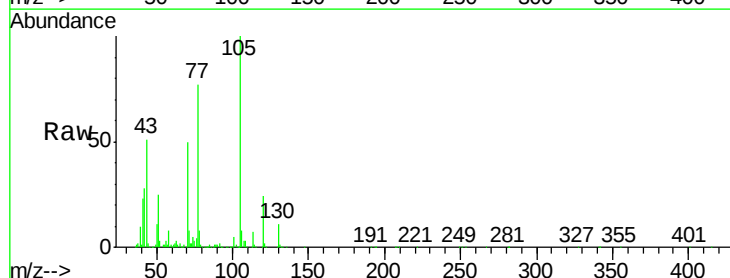
Ion Ratio Lower Upper

105 100

71 8.4 3.8 5.6#

51 24.8 24.9 37.3#

120 23.9 19.2 28.8

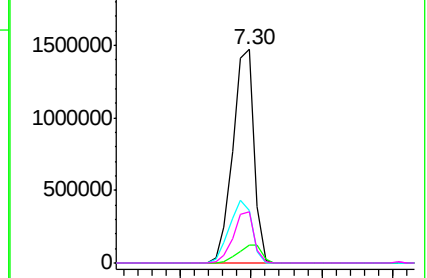


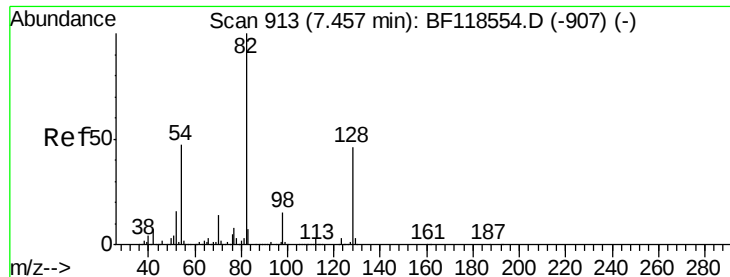
Abundance Ion 105.00 (104.70 to 105.70): E

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: 115.117 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

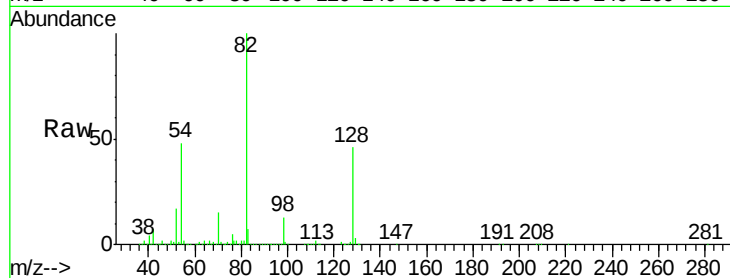
Tot Ion: 82 Resp: 2270706

Ion Ratio Lower Upper

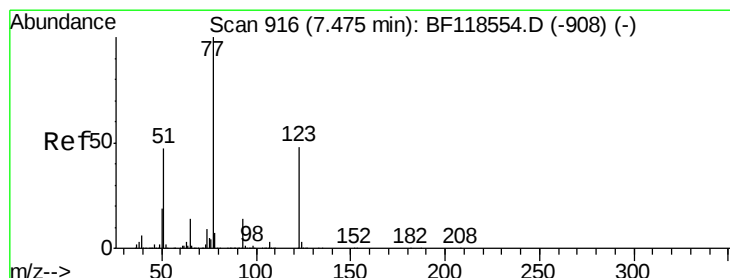
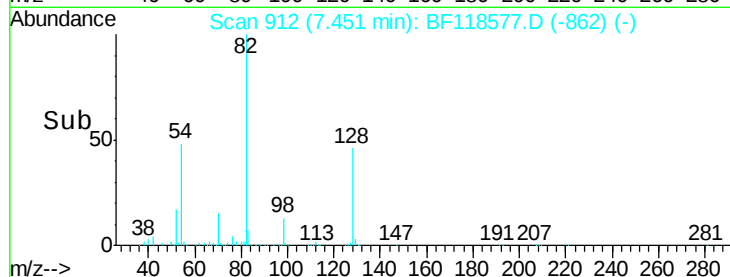
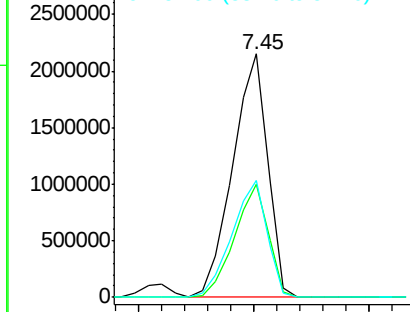
82 100

128 46.3 37.0 55.4

54 48.1 37.4 56.0



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: 56.219 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

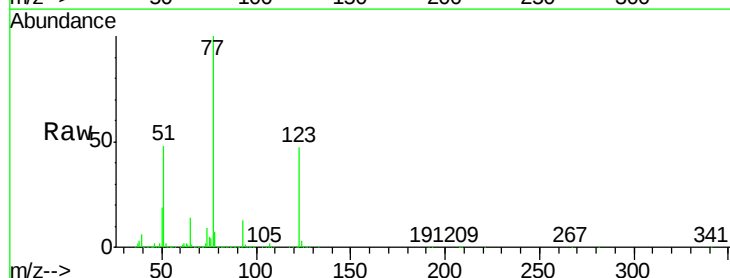
Tgt Ion: 77 Resp: 1179292

Ion Ratio Lower Upper

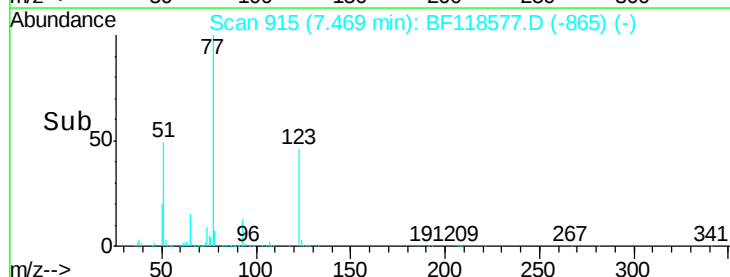
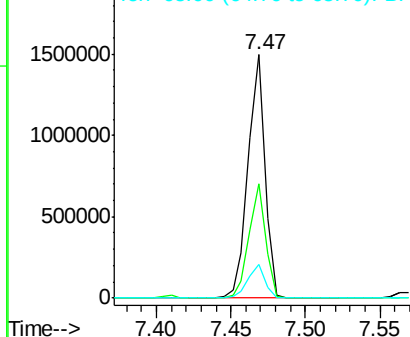
77 100

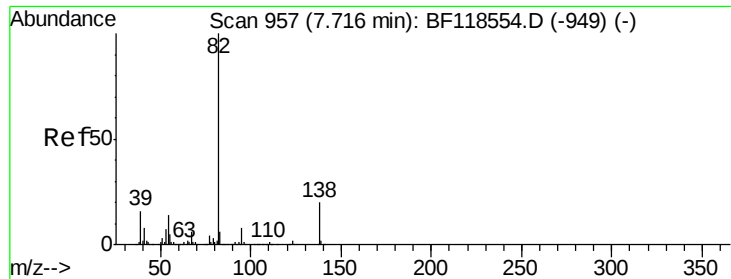
123 46.9 38.2 57.2

65 14.0 11.1 16.7



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: 50.537 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

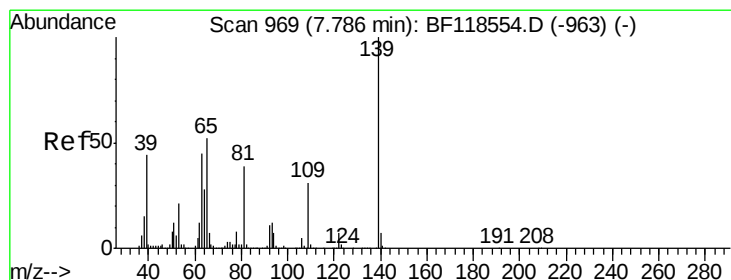
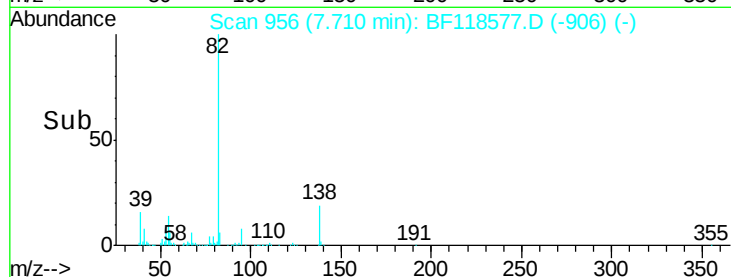
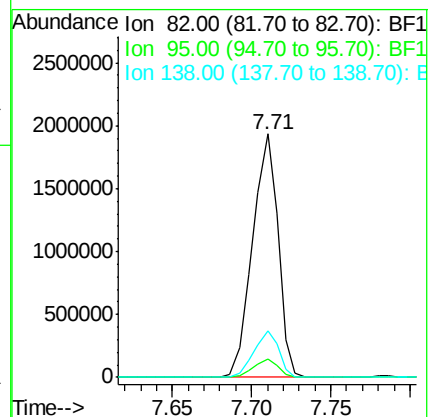
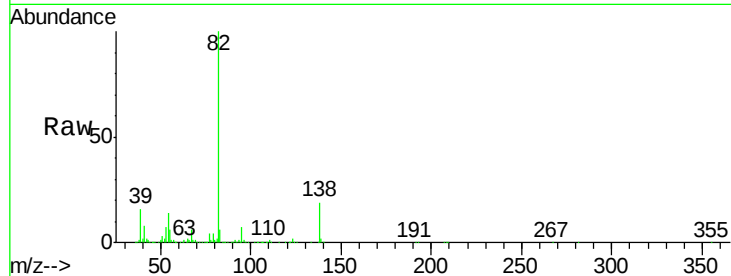
Tot Ion: 82 Resp: 2163519

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 19.0 15.8 23.8



#26

2-Nitrophenol

Concen: 54.532 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

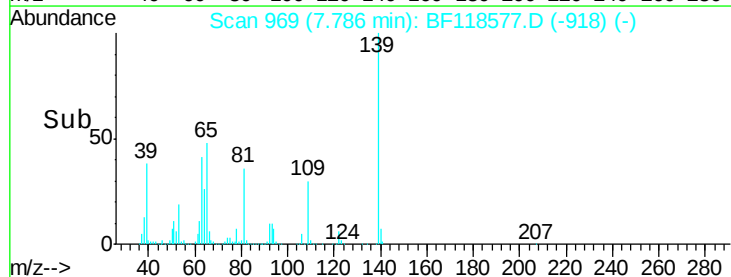
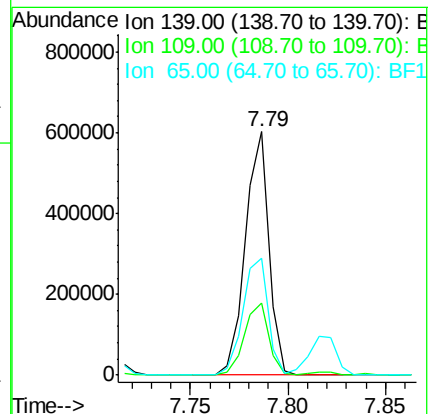
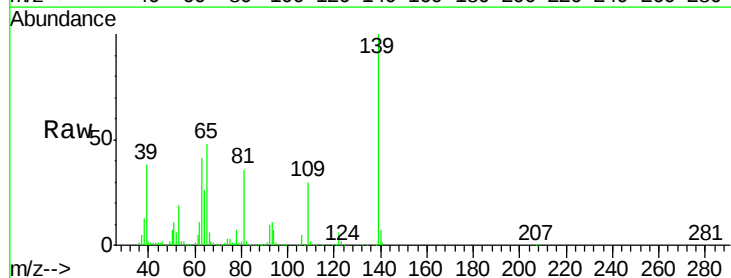
Tgt Ion: 139 Resp: 503211

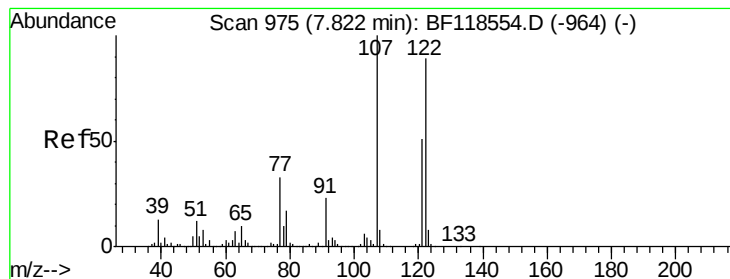
Ion Ratio Lower Upper

139 100

109 29.7 24.6 36.8

65 47.9 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 53.195 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

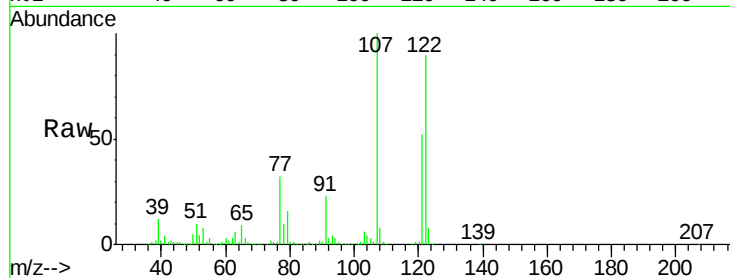
Tot Ion:122 Resp: 905696

Ion Ratio Lower Upper

122 100

107 111.3 89.6 134.4

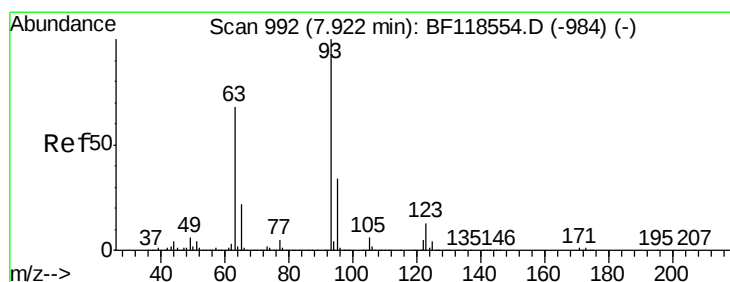
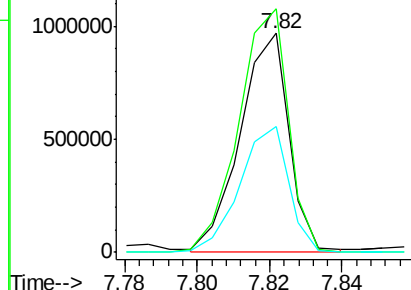
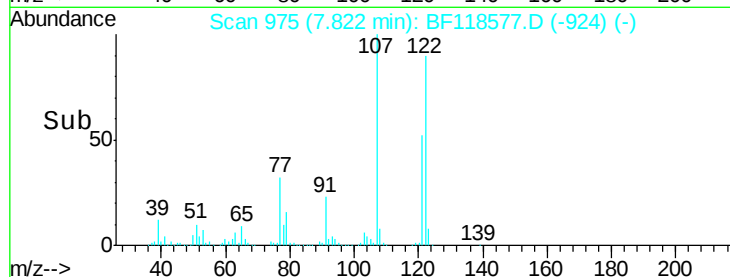
121 57.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.063 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

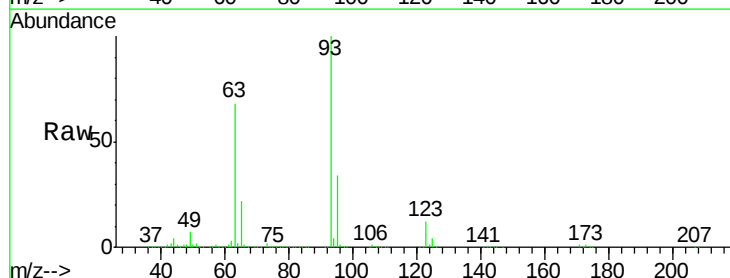
Tgt Ion: 93 Resp: 1322013

Ion Ratio Lower Upper

93 100

95 33.7 27.3 40.9

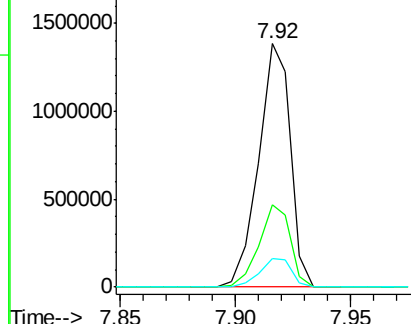
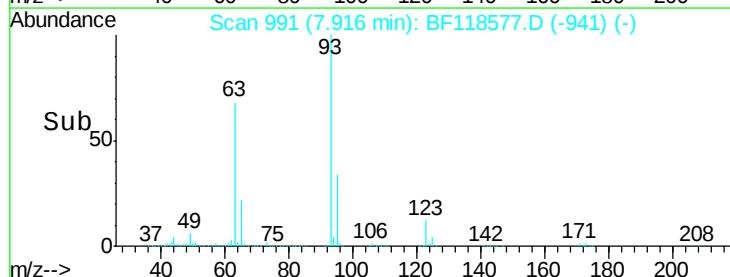
123 11.6 10.2 15.4

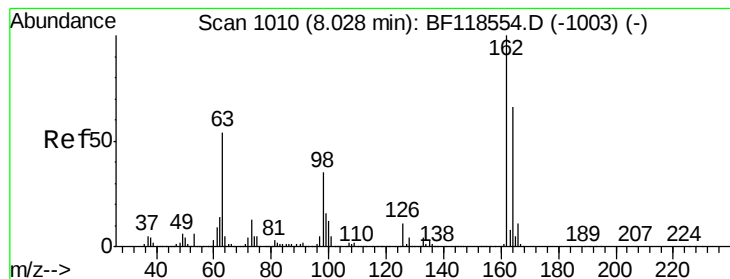


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.195 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

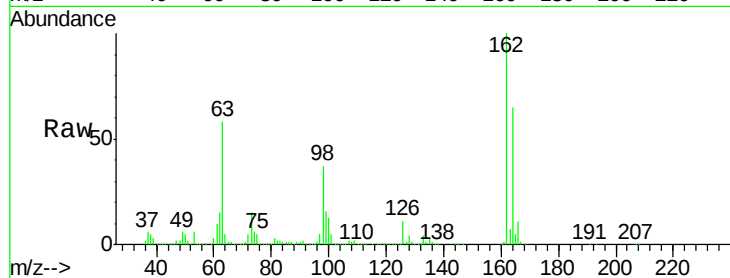
Tot Ion:162 Resp: 940704

Ion Ratio Lower Upper

162 100

164 64.5 45.6 85.6

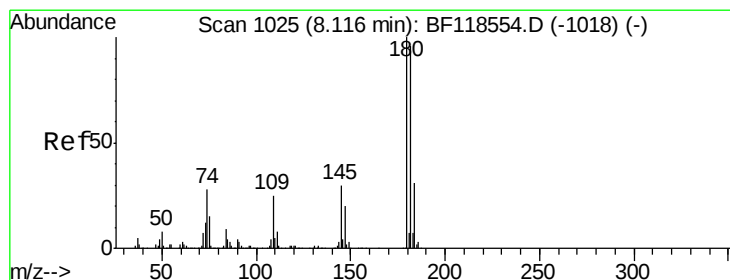
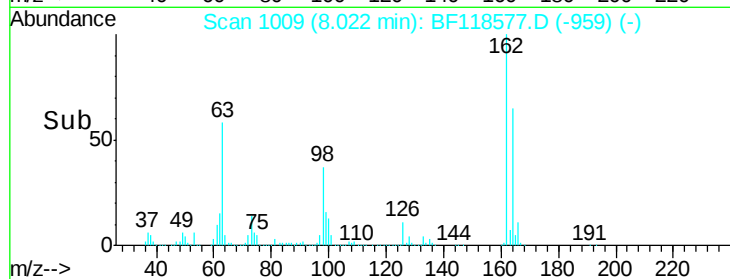
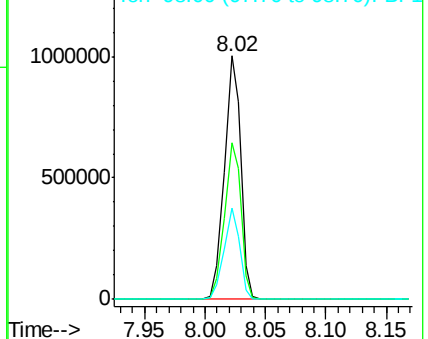
98 37.2 15.4 55.4



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: 47.246 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

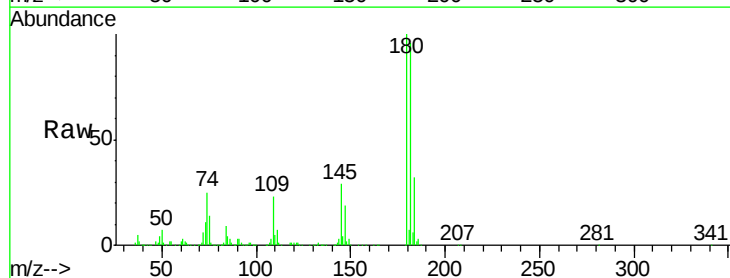
Tgt Ion:180 Resp: 1031869

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

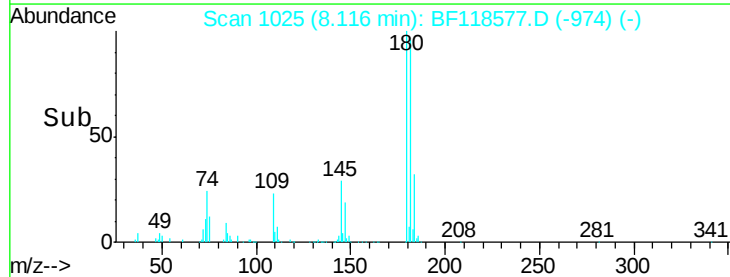
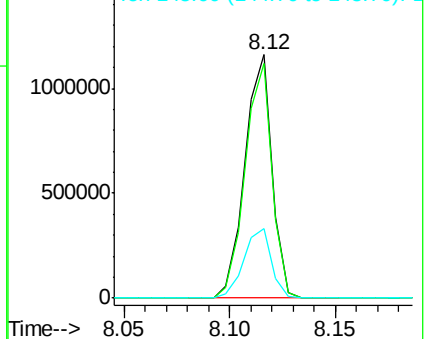
145 28.7 24.2 36.2

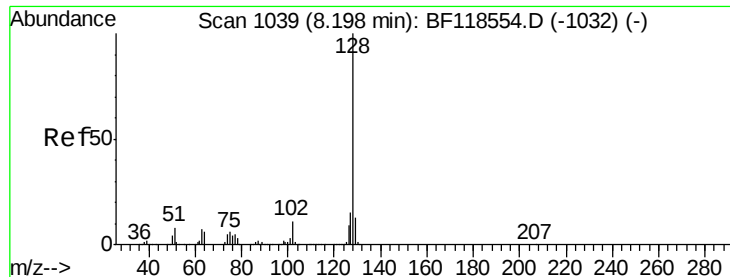


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

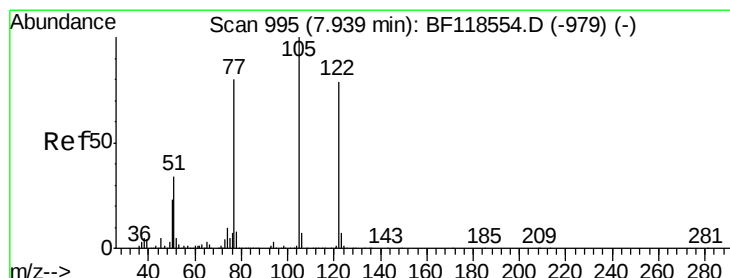
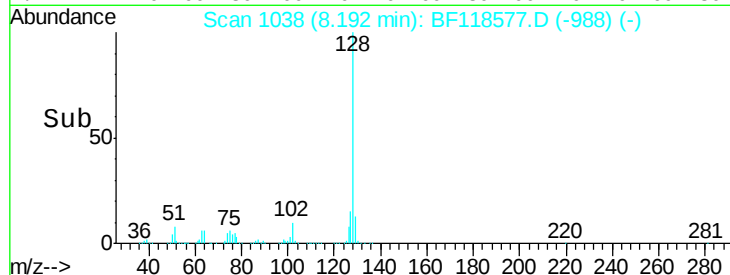
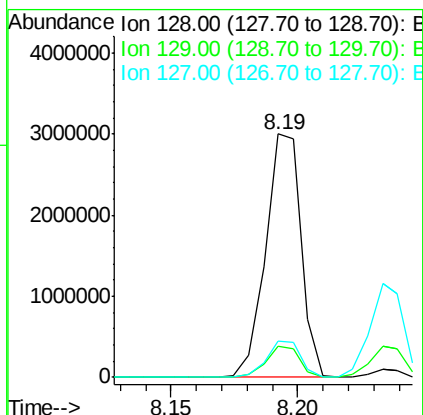
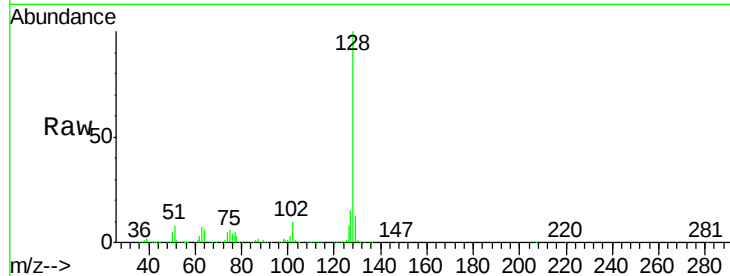




#31
Naphthalene
Concen: 51.223 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

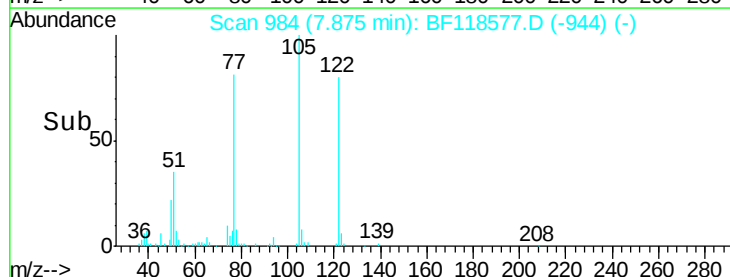
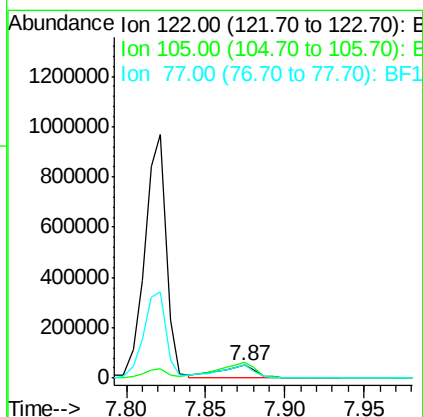
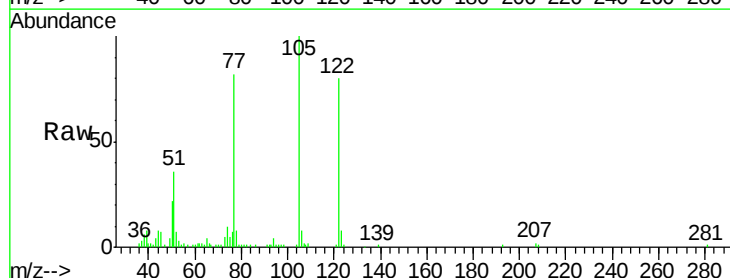
Instrument :
BNA_F
ClientSampleId :
PB126175BSD

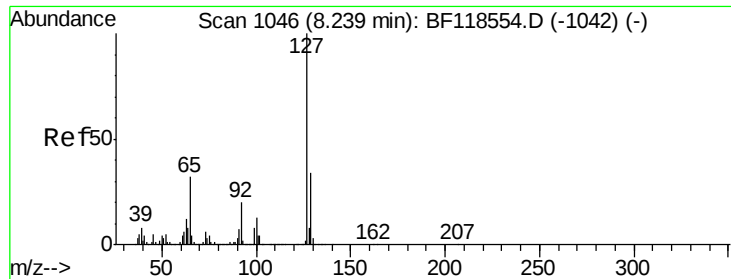
Tot Ion:128 Resp: 2942893
Ion Ratio Lower Upper
128 100
129 12.6 10.3 15.5
127 14.7 12.1 18.1



#32
Benzoic acid
Concen: 13.701 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:122 Resp: 81548
Ion Ratio Lower Upper
122 100
105 125.8 105.0 145.0
77 103.0 80.7 120.7



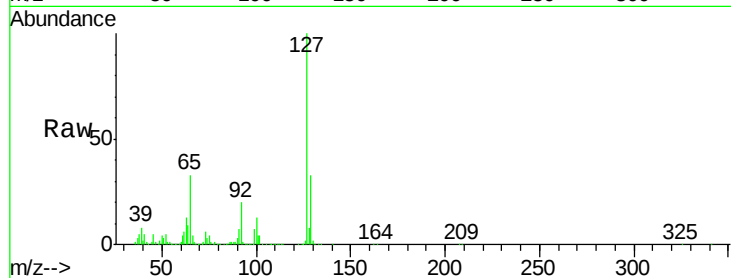


#33
 4-Chloroaniline
 Concen: 40.167 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

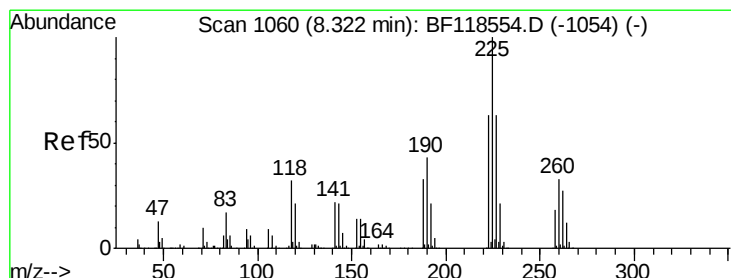
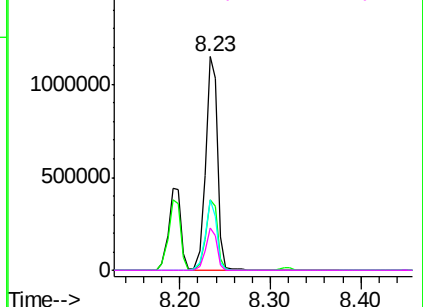
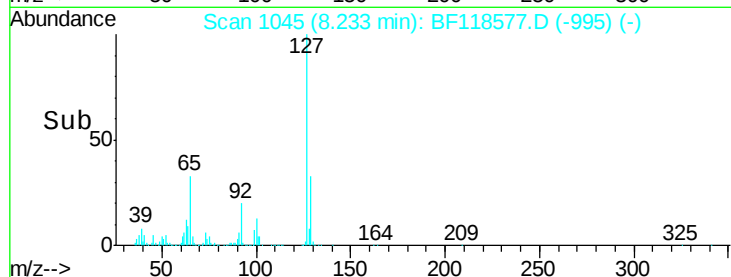
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BSD

Tot Ion:127 Resp: 1072246

Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	32.7	25.8	38.8
92	19.8	15.8	23.8



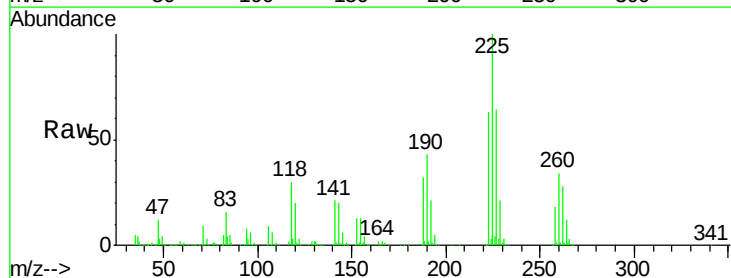
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1



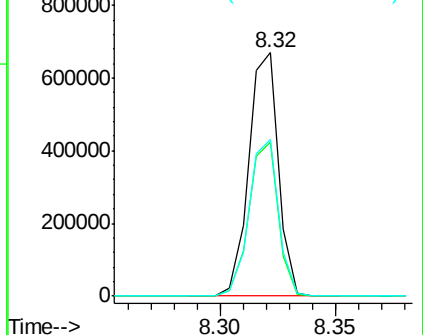
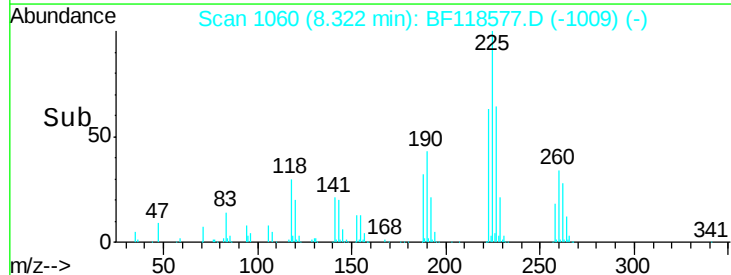
#34
 Hexachlorobutadiene
 Concen: 44.159 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

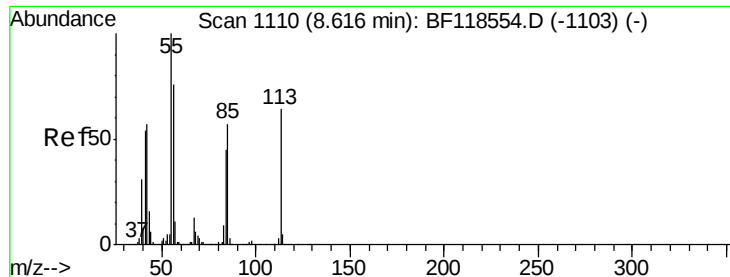
Tgt Ion:225 Resp: 601566

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.3	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

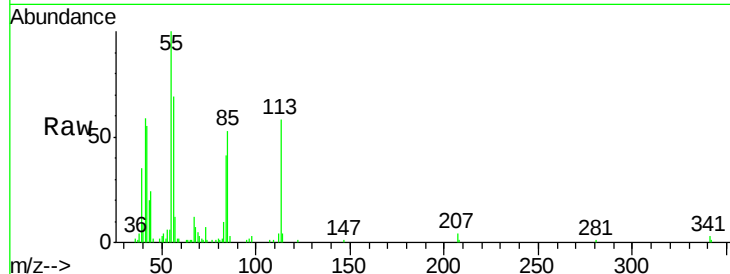




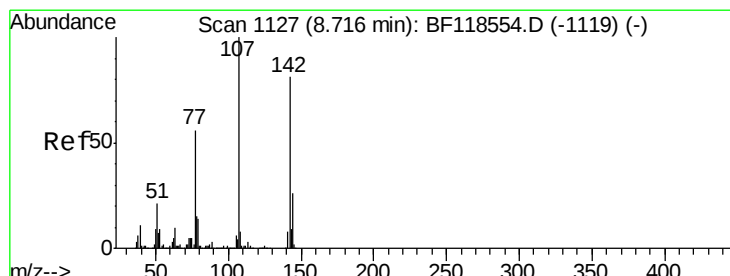
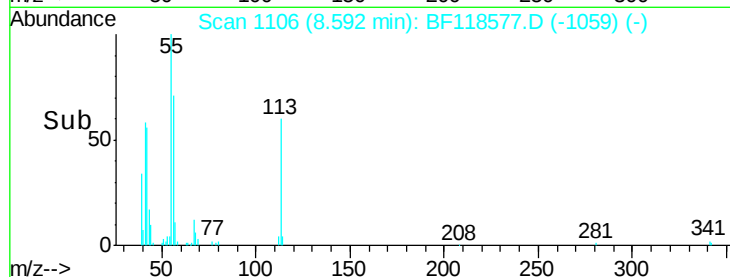
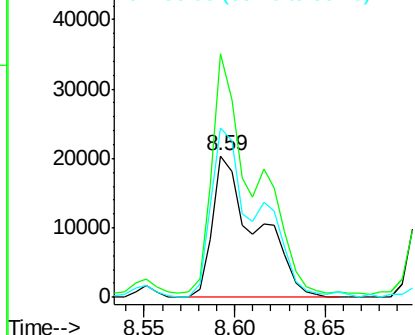
#35
 Caprolactam
 Concen: 5.944 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BSD

Tot Ion:113 Resp: 34653
 Ion Ratio Lower Upper
 113 100
 55 172.1 137.3 177.3
 56 119.5 99.7 139.7

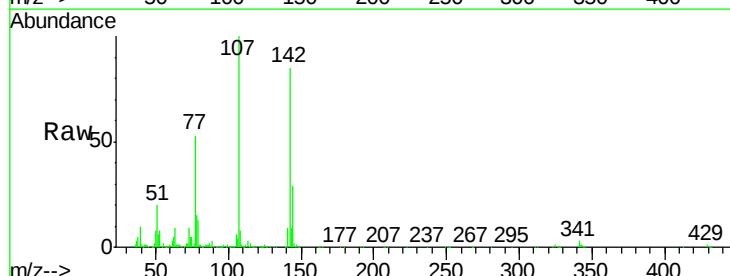


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

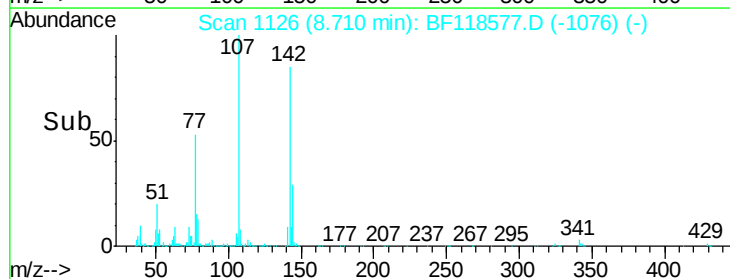
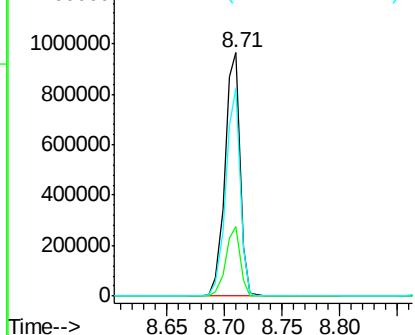


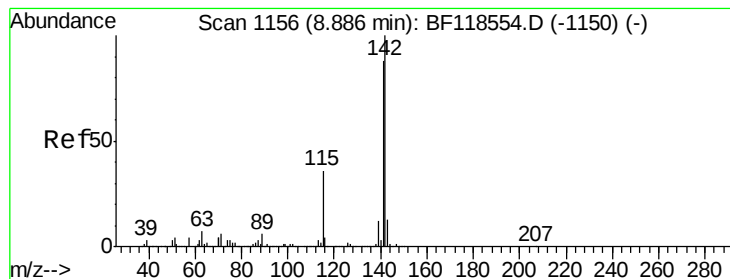
#36
 4-Chloro-3-methylphenol
 Concen: 47.294 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

Tgt Ion:107 Resp: 878636
 Ion Ratio Lower Upper
 107 100
 144 28.6 21.2 31.8
 142 85.1 64.4 96.6



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: 51.667 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

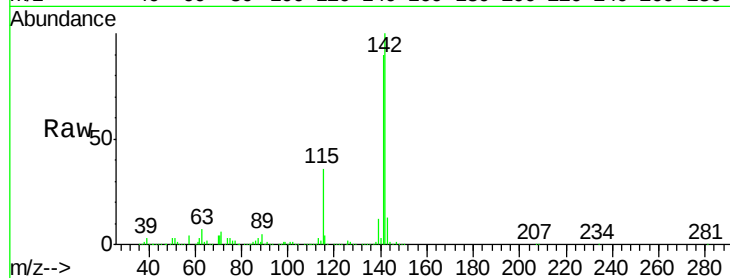
Tot Ion:142 Resp: 2102994

Ion Ratio Lower Upper

142 100

141 89.7 70.6 106.0

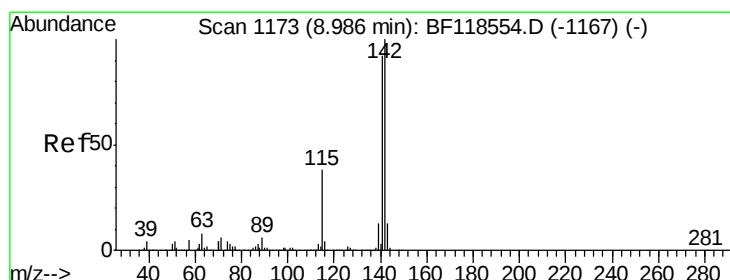
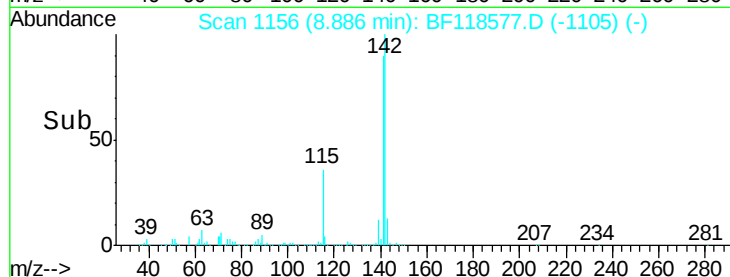
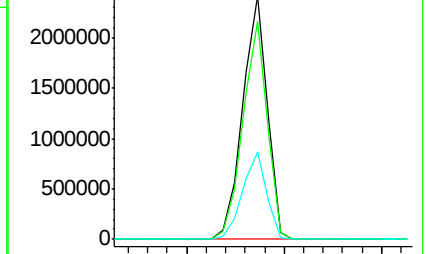
115 36.1 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.993 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

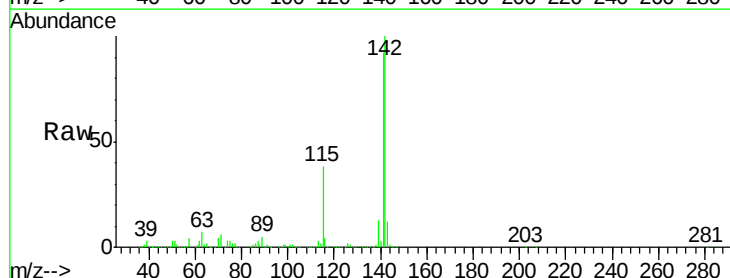
Tgt Ion:142 Resp: 2002124

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.6

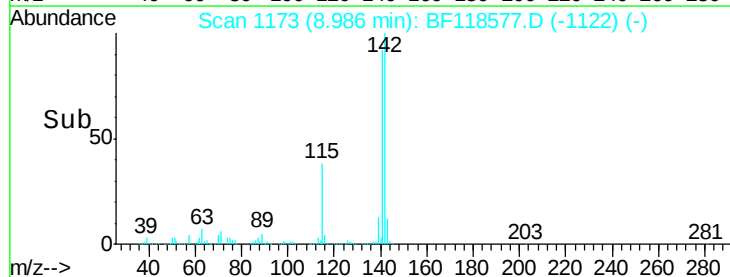
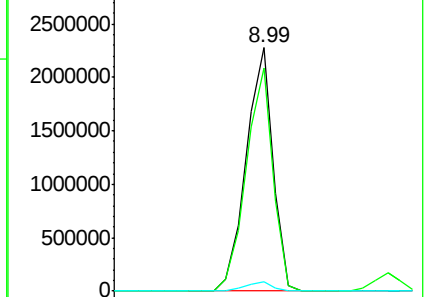
116 4.0 3.3 4.9

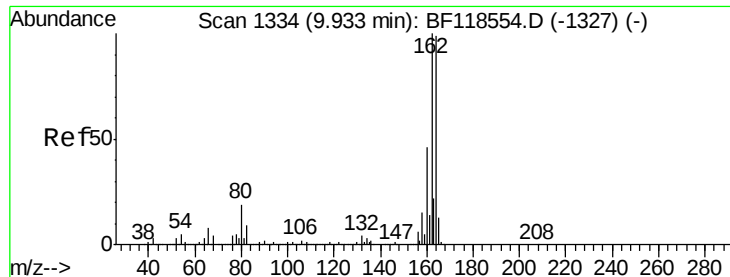


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

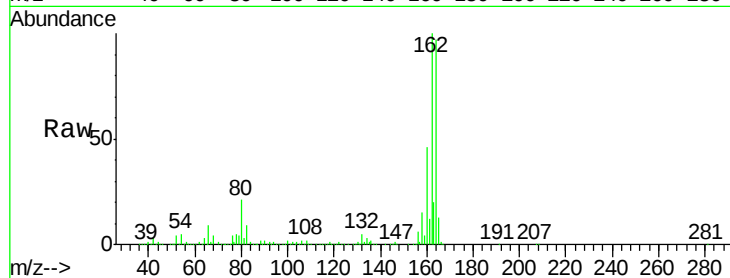
Tot Ion:164 Resp: 662656

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

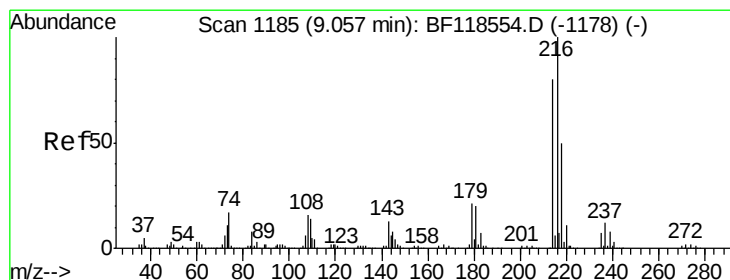
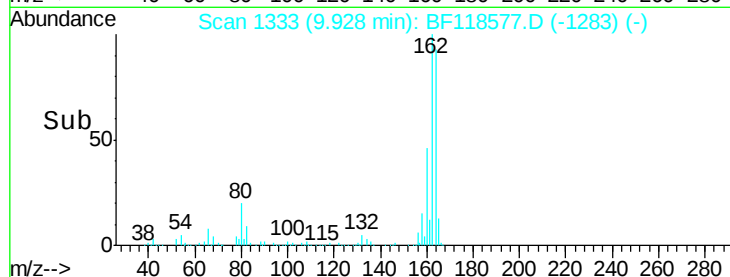
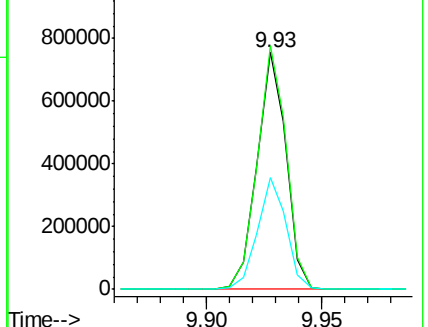
160 47.1 36.7 55.1



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: 49.521 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Tgt Ion:216 Resp: 1058441

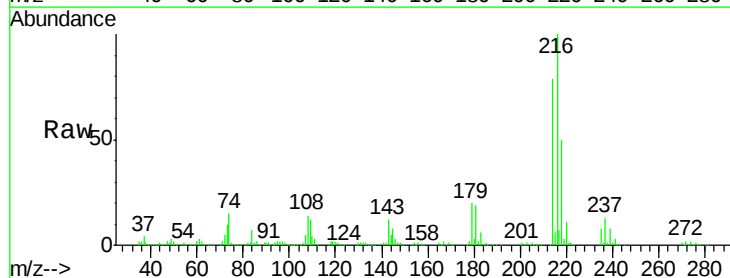
Ion Ratio Lower Upper

216 100

214 79.4 63.6 95.4

179 20.4 16.5 24.7

108 19.8 14.6 21.8

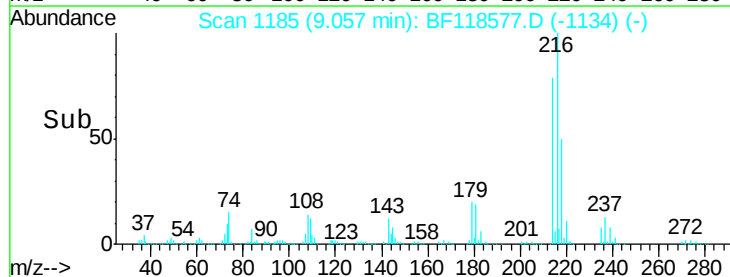
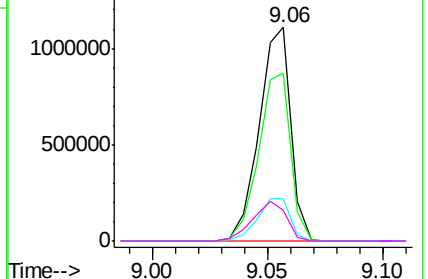


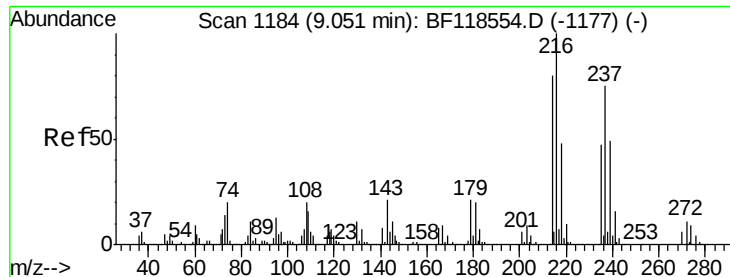
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 111.480 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

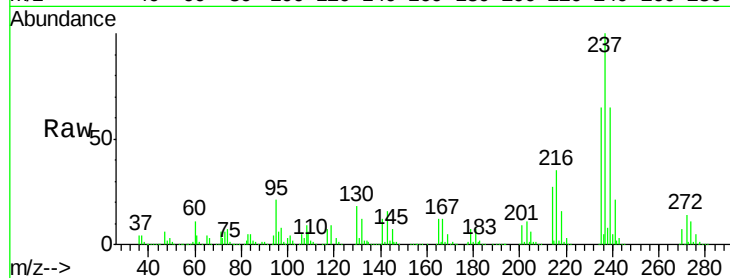
Tot Ion:237 Resp: 1244925

Ion Ratio Lower Upper

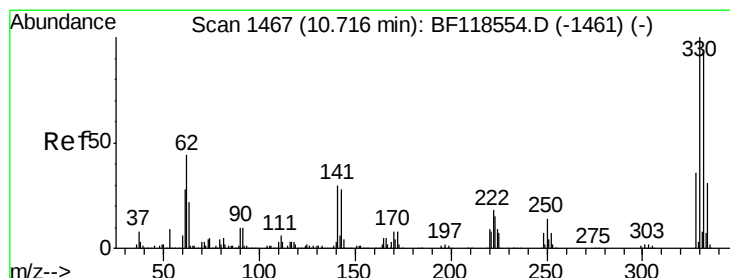
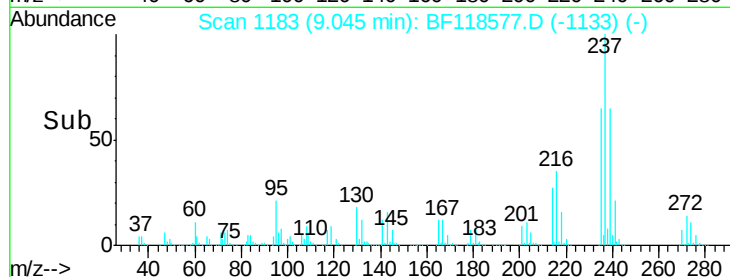
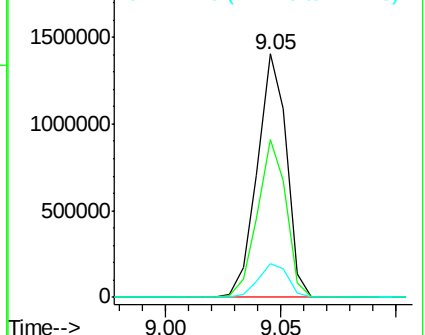
237 100

235 64.7 42.1 82.1

272 14.1 0.0 34.3



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: 116.502 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

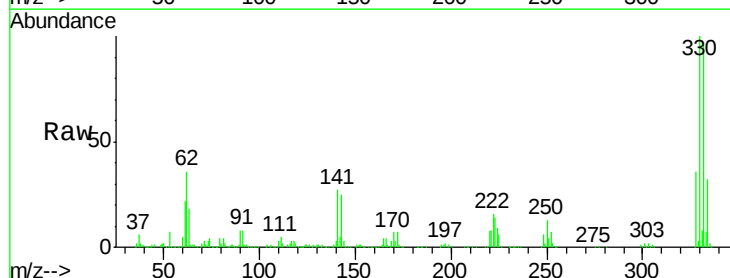
Tgt Ion:330 Resp: 853441

Ion Ratio Lower Upper

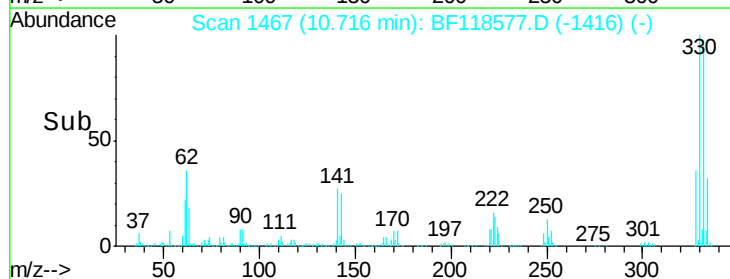
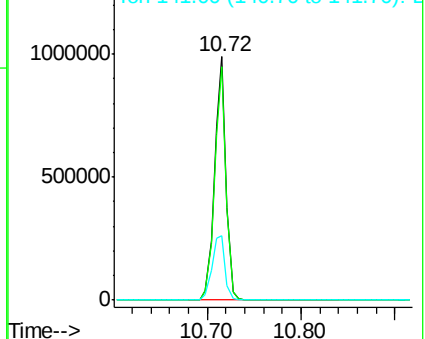
330 100

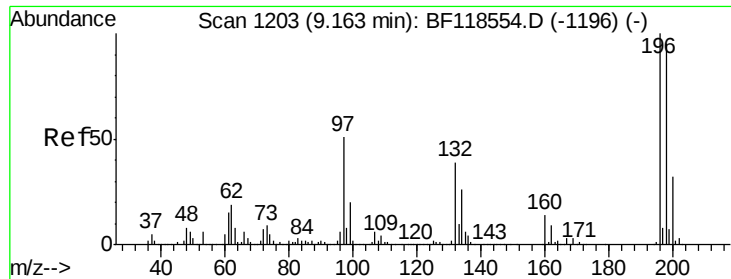
332 95.9 76.4 114.6

141 30.6 23.4 35.2



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

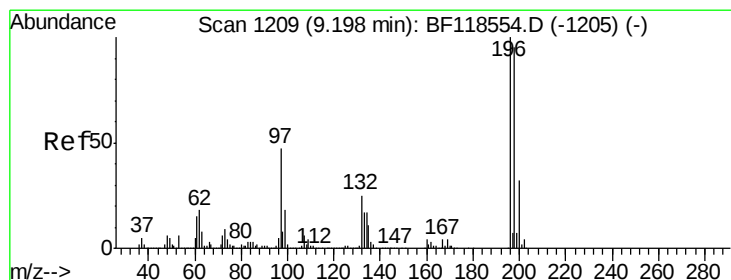
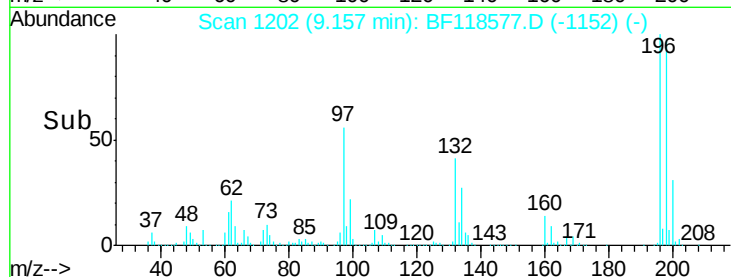
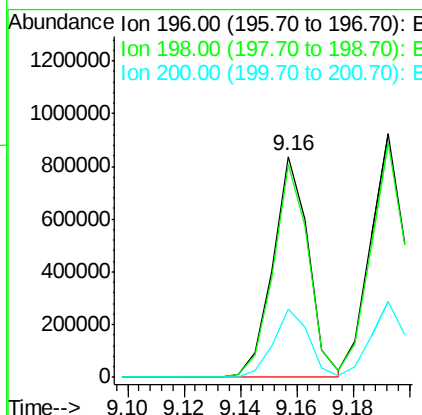
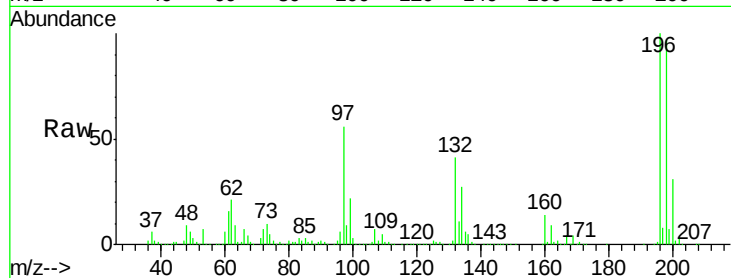




#43
 2,4,6-Trichlorophenol
 Concen: 53.525 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

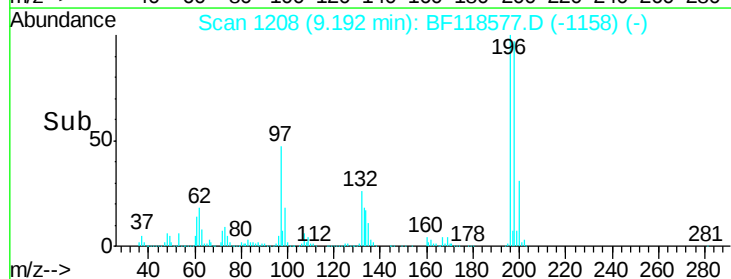
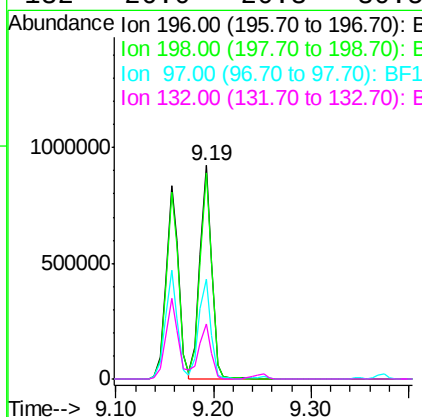
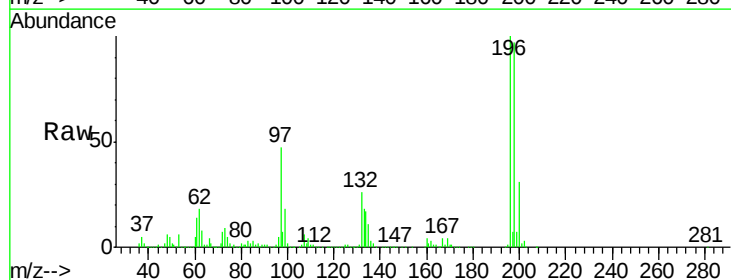
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BSD

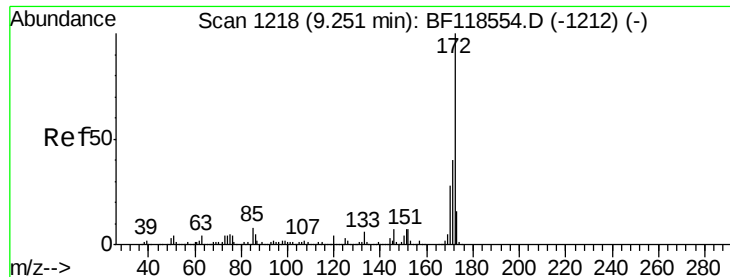
Tot Ion:196 Resp: 728896
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.0 114.0
 200 30.8 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 56.398 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

Tgt Ion:196 Resp: 776477
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.2 114.4
 97 46.8 37.4 56.2
 132 26.0 20.3 30.5

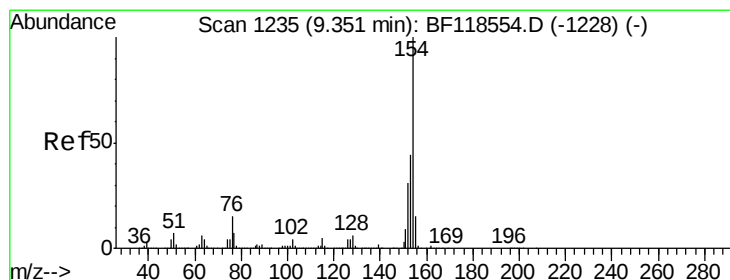
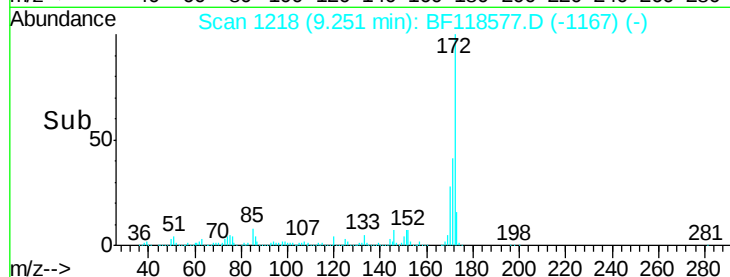
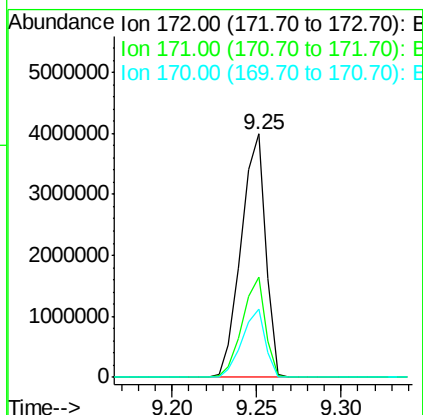
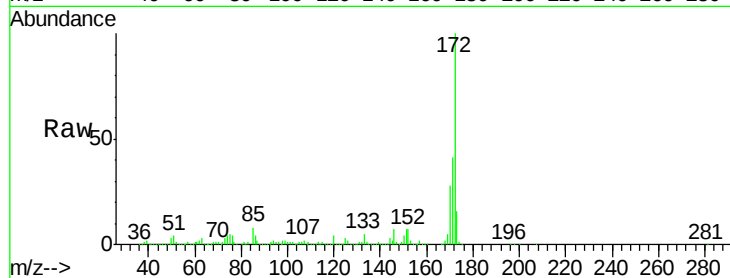




#45
2-Fluorobiphenyl
Concen: 110.277 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

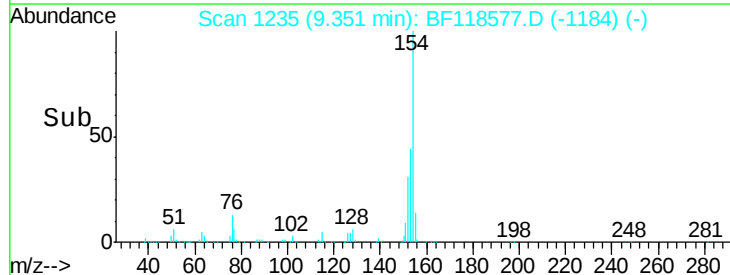
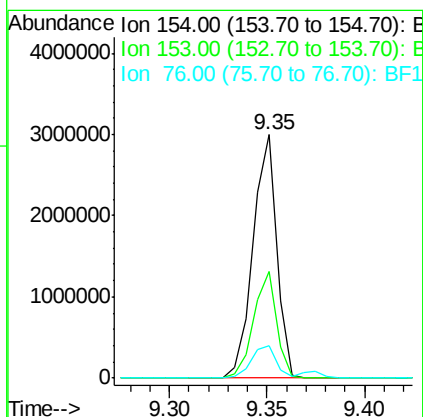
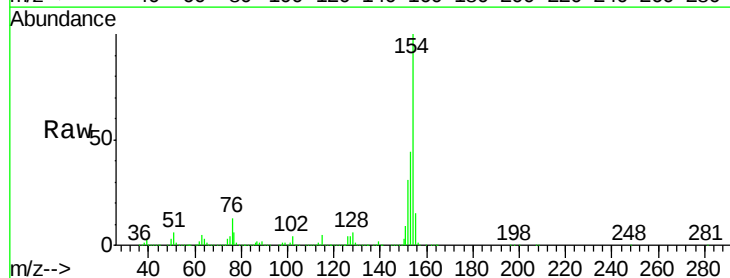
Instrument :
BNA_F
ClientSampleId :
PB126175BSD

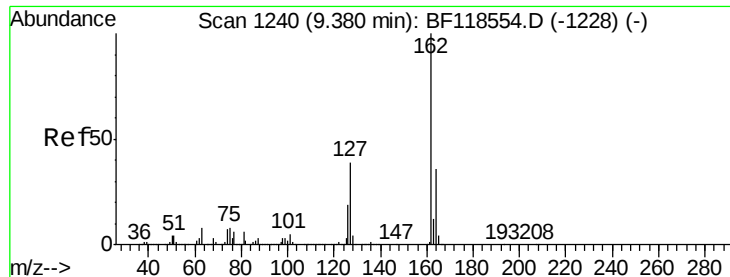
Tot Ion:172 Resp: 4047840
Ion Ratio Lower Upper
172 100
171 41.2 32.4 48.6
170 28.2 22.5 33.7



#46
1,1'-Biphenyl
Concen: 53.218 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:154 Resp: 2519853
Ion Ratio Lower Upper
154 100
153 43.6 23.7 63.7
76 13.3 0.0 35.2

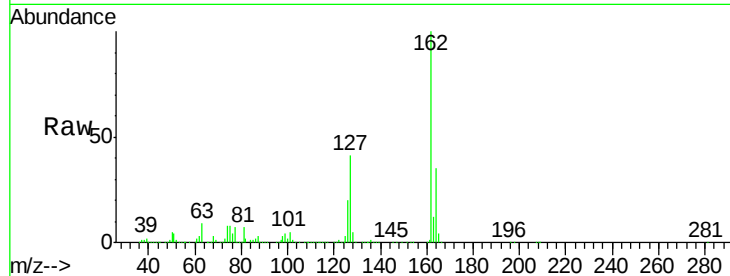




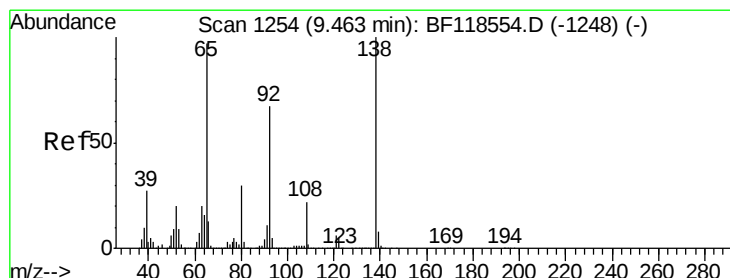
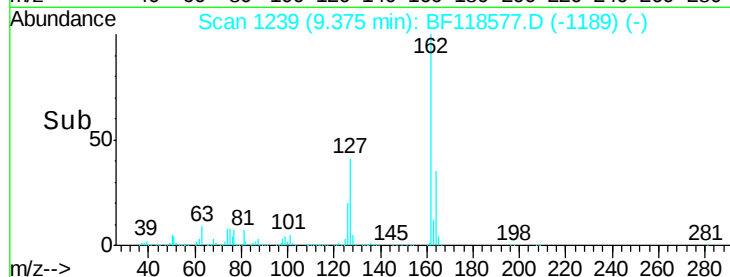
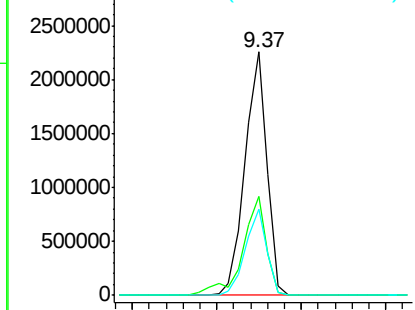
#47
2-Chloronaphthalene
Concen: 51.178 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion:162 Resp: 2042460
Ion Ratio Lower Upper
162 100
127 40.6 31.0 46.4
164 35.4 28.6 42.8

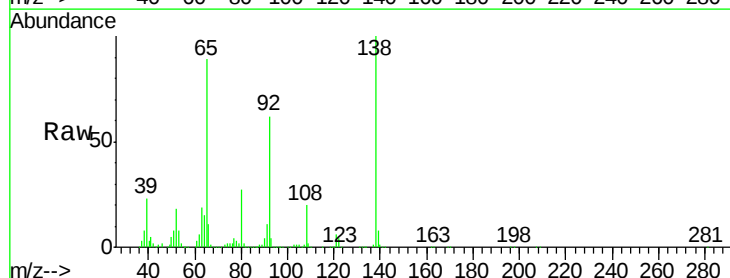


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

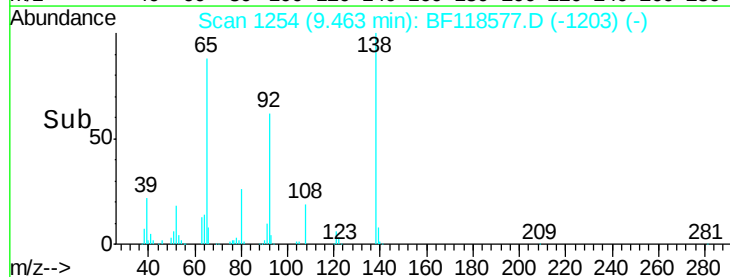
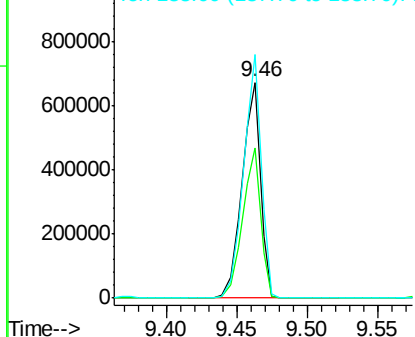


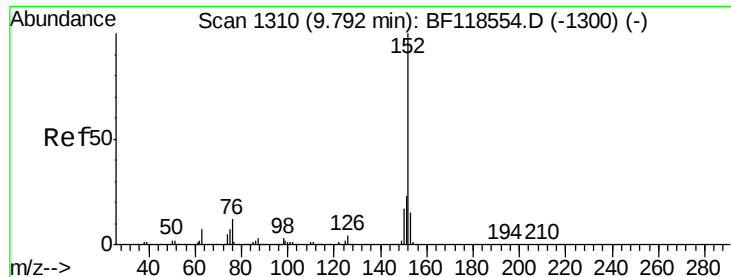
#48
2-Nitroaniline
Concen: 58.789 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion: 65 Resp: 610225
Ion Ratio Lower Upper
65 100
92 69.6 55.3 82.9
138 113.0 82.9 124.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.538 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

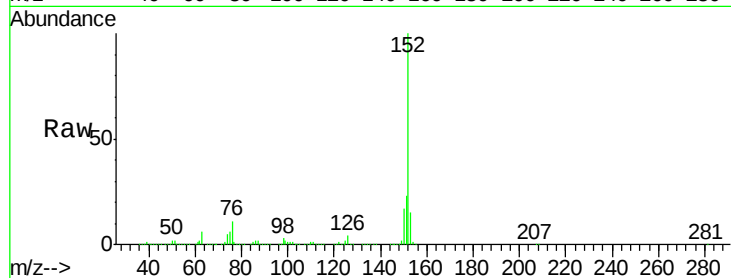
Tot Ion:152 Resp: 3073178

Ion Ratio Lower Upper

152 100

151 23.2 18.6 27.8

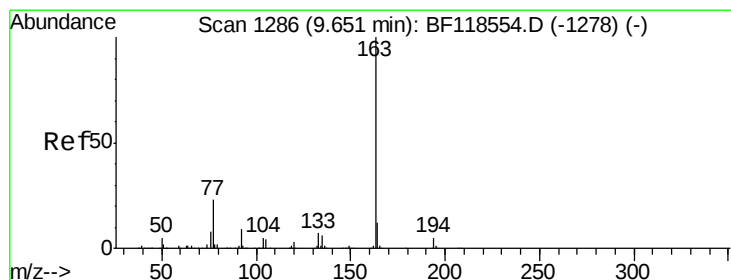
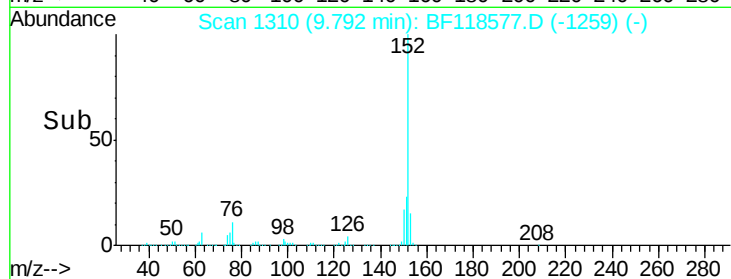
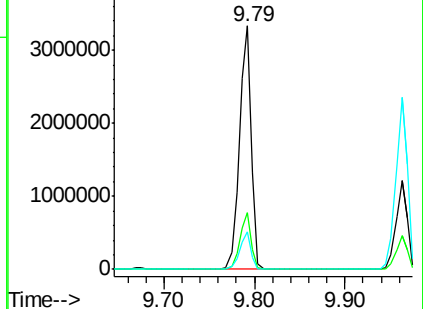
153 15.3 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.420 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

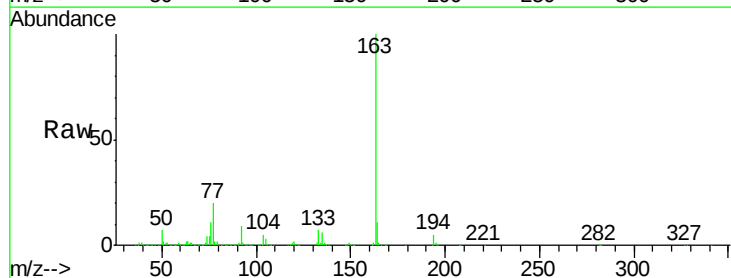
Tgt Ion:163 Resp: 2339492

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

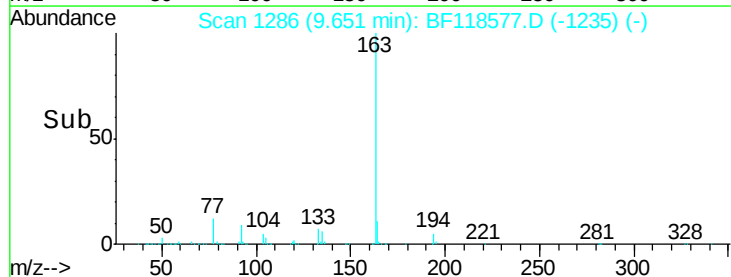
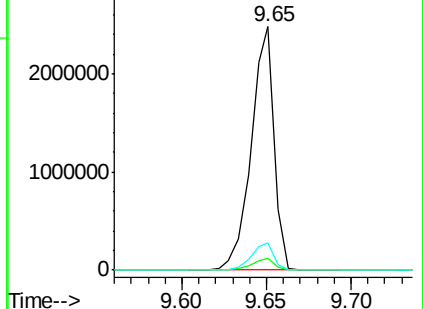
164 11.0 9.3 13.9

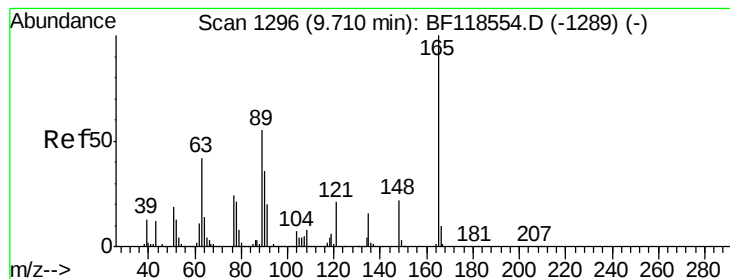


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 61.951 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

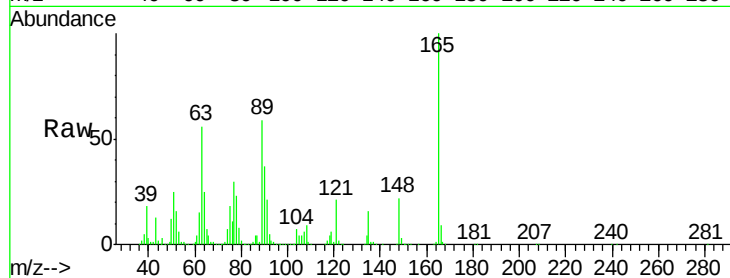
Tot Ion:165 Resp: 537791

Ion Ratio Lower Upper

165 100

63 56.0 41.9 62.9

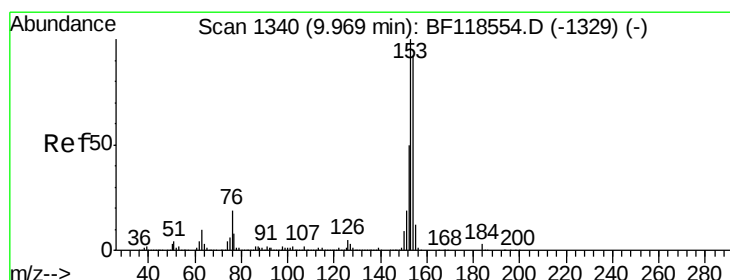
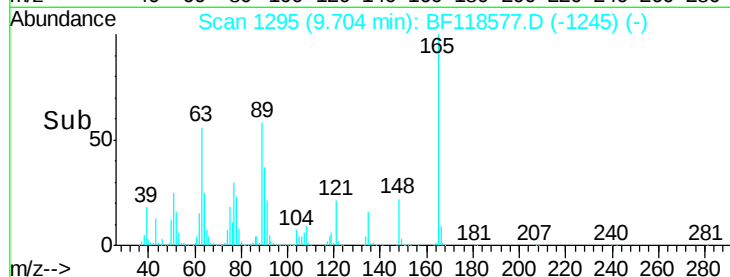
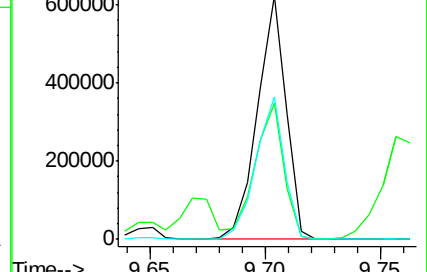
89 58.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 53.679 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

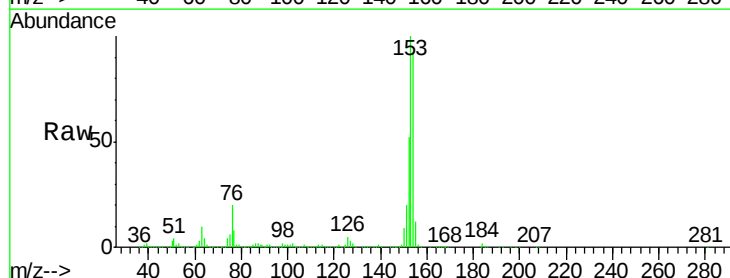
Tgt Ion:154 Resp: 1981510

Ion Ratio Lower Upper

154 100

153 108.6 87.0 130.4

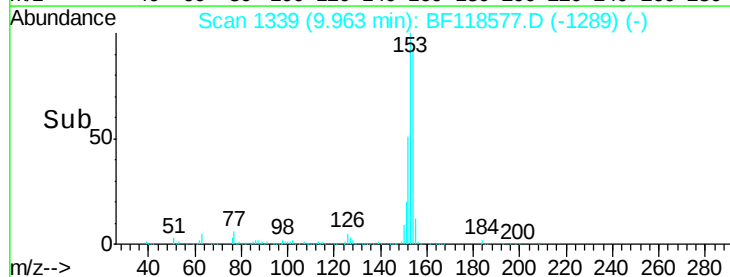
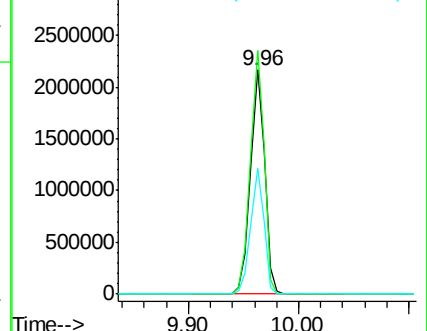
152 56.1 43.8 65.8

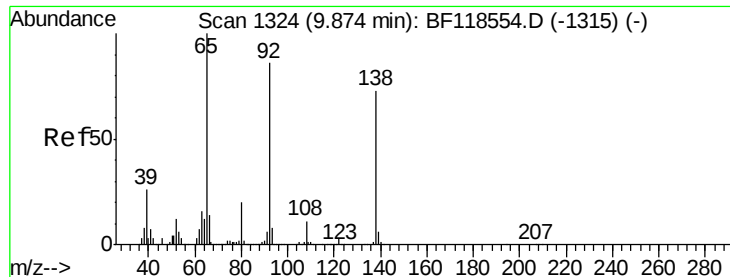


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

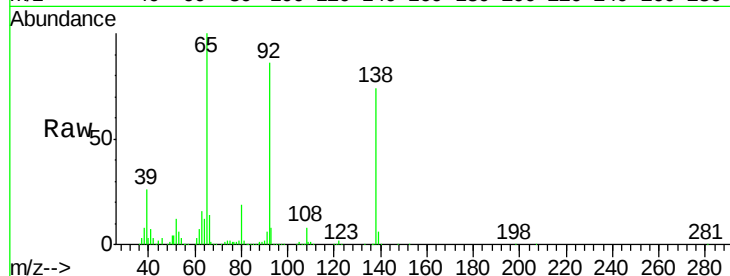




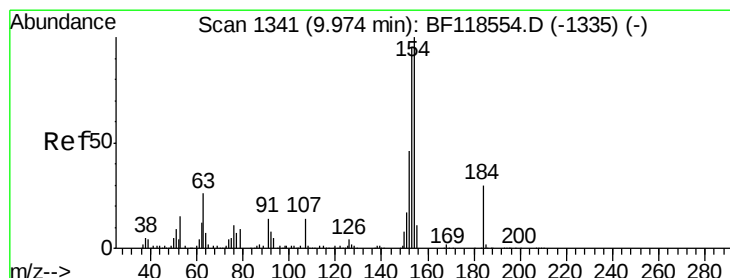
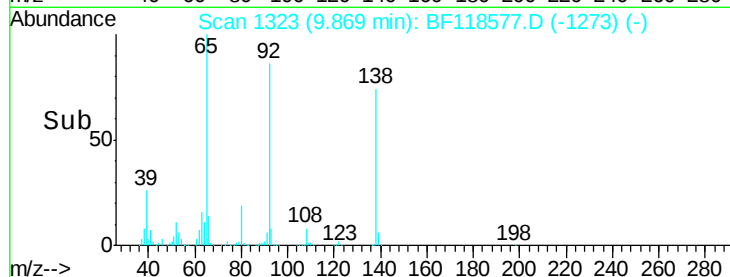
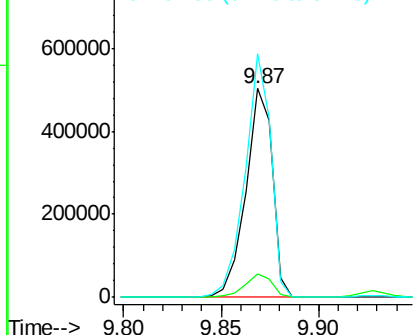
#53
3-Nitroaniline
Concen: 48.380 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion:138 Resp: 475766
Ion Ratio Lower Upper
138 100
108 11.3 12.2 18.4#
92 116.8 94.2 141.2

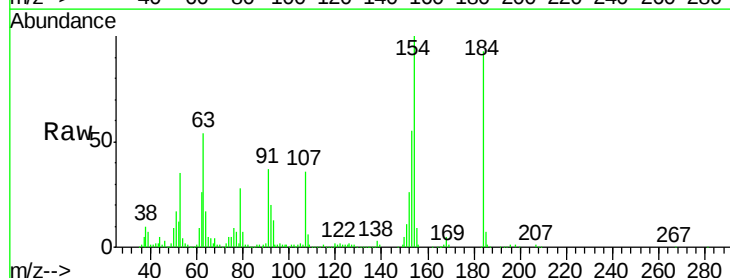


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

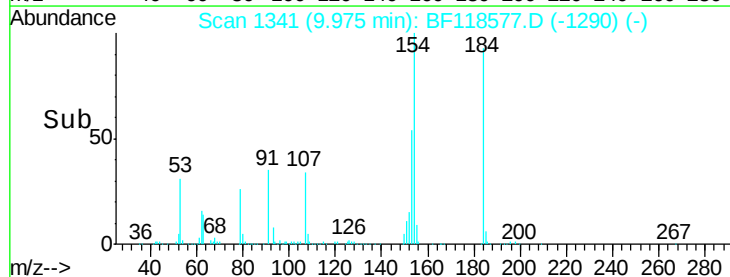
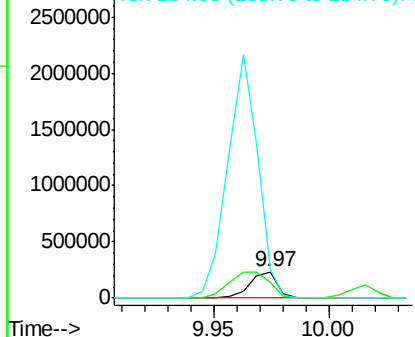


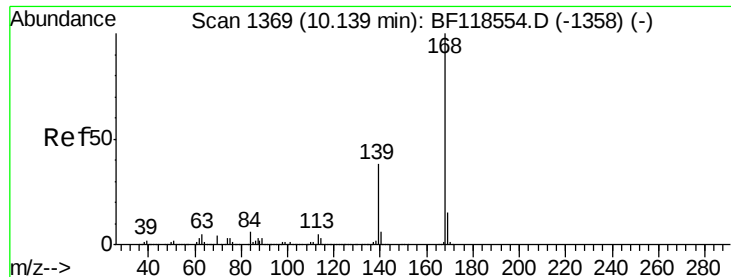
#54
2,4-Dinitrophenol
Concen: 56.415 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:184 Resp: 195592
Ion Ratio Lower Upper
184 100
63 57.8 69.4 104.0#
154 107.8 268.5 402.7#



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

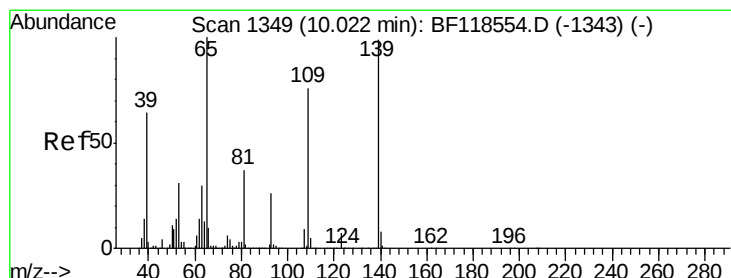
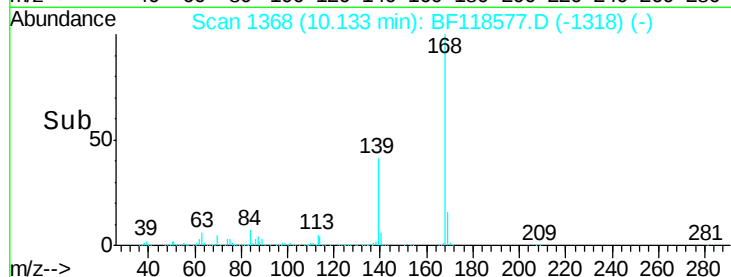
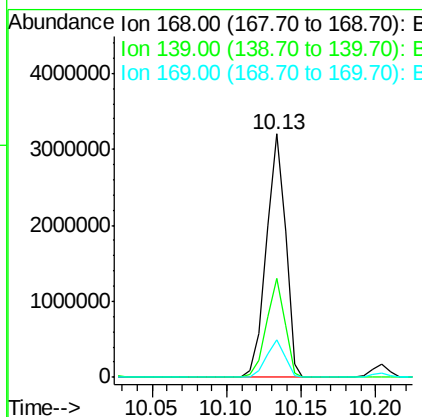
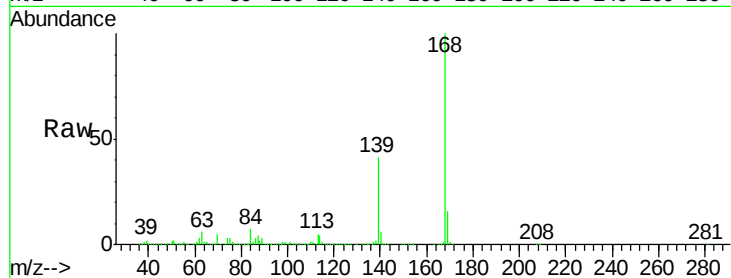




#55
Dibenzofuran
Concen: 53.838 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

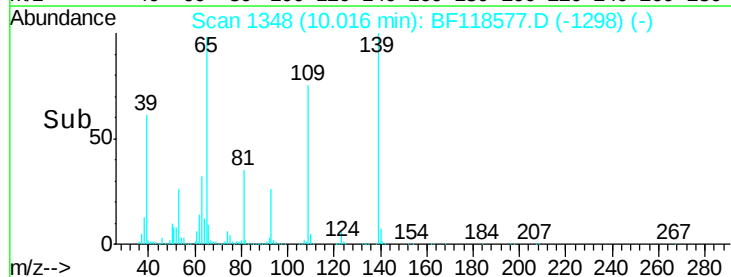
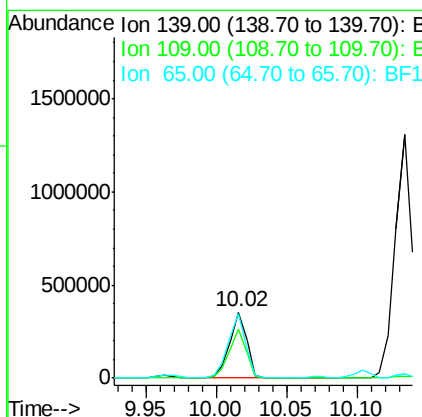
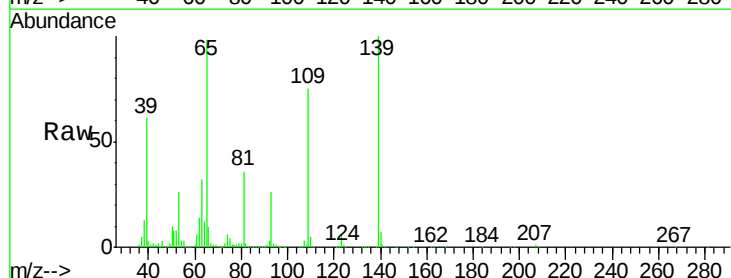
Instrument :
BNA_F
ClientSampleId :
PB126175BSD

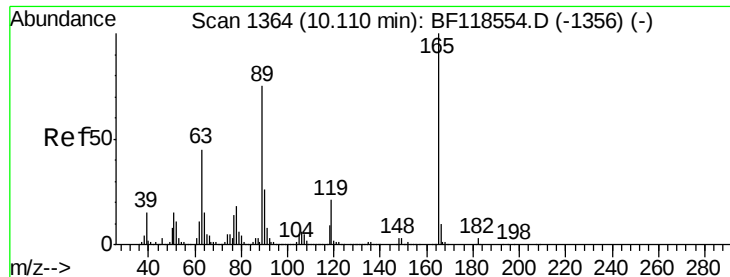
Tot Ion:168 Resp: 2812443
Ion Ratio Lower Upper
168 100
139 40.8 30.6 46.0
169 15.6 11.9 17.9



#56
4-Nitrophenol
Concen: 41.979 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:139 Resp: 304954
Ion Ratio Lower Upper
139 100
109 74.7 56.9 96.9
65 98.3 81.7 121.7

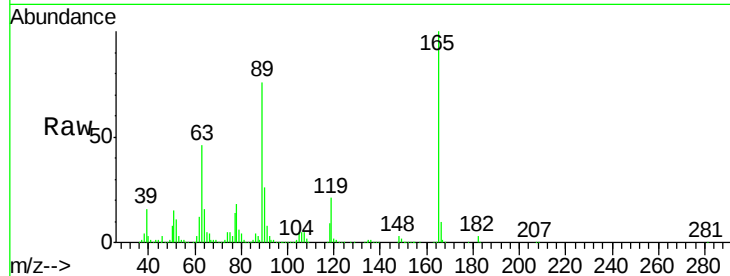




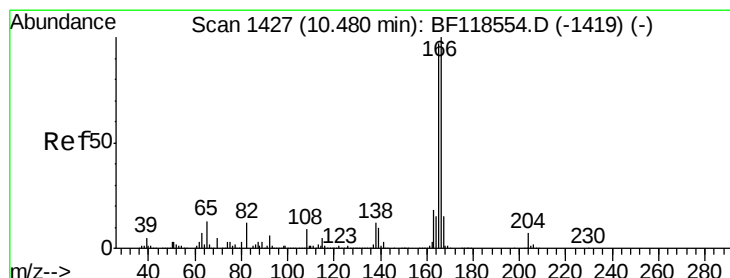
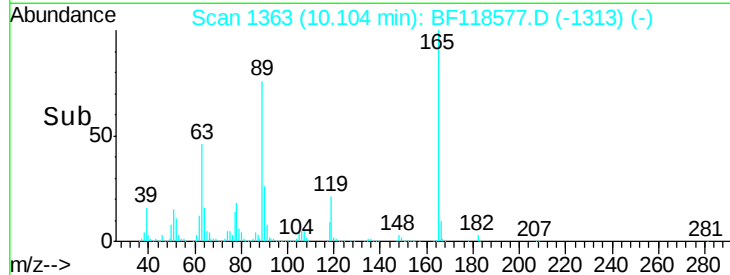
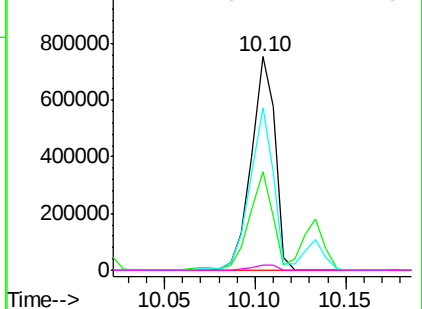
#57
2,4-Dinitrotoluene
Concen: 58.643 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion:165 Resp: 685280
Ion Ratio Lower Upper
165 100
63 46.0 35.8 53.6
89 76.2 59.9 89.9
182 2.7 2.2 3.2

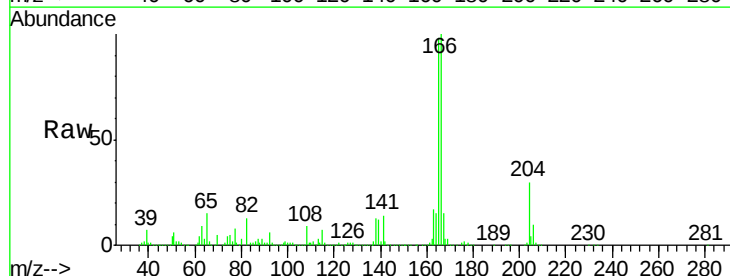


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

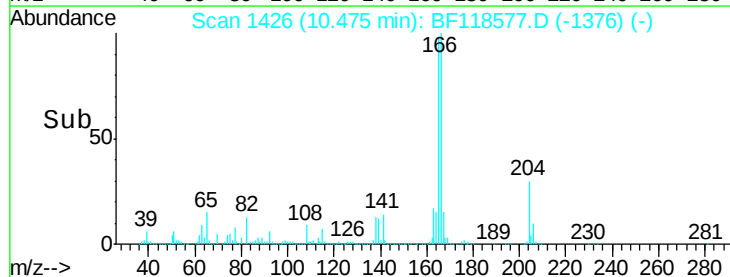
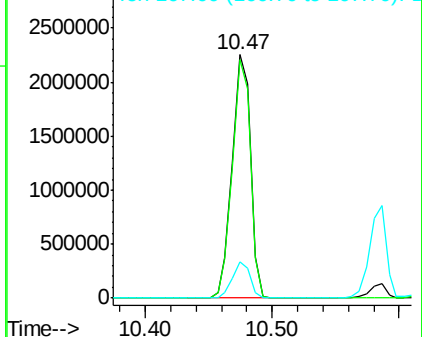


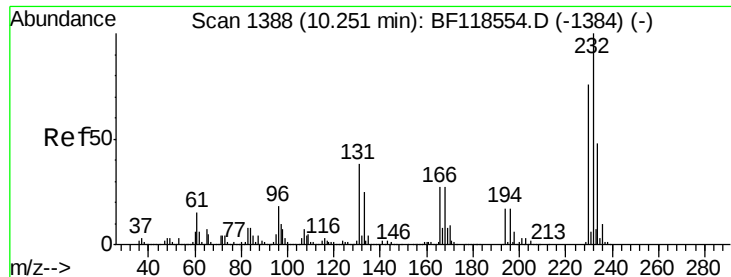
#58
Fluorene
Concen: 55.066 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:166 Resp: 2227566
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 14.7 11.7 17.5



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

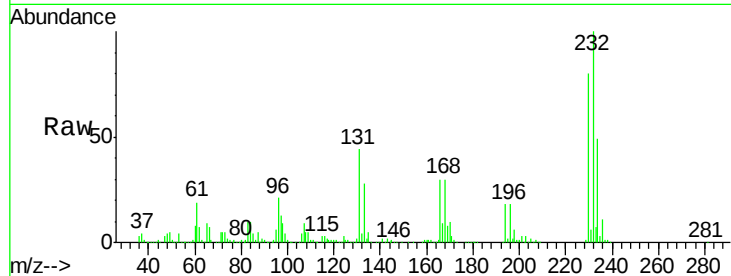




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.689 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	32.3	48.5
130	2.2	1.7	2.5
166	28.8	22.2	33.2



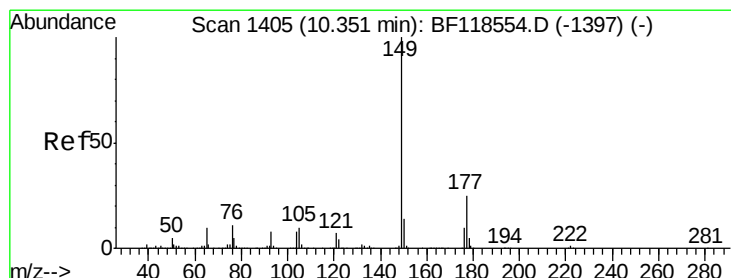
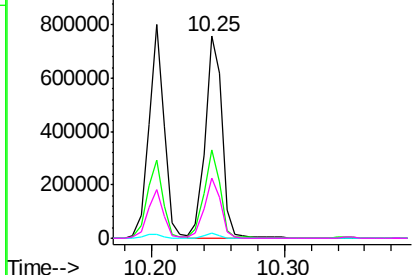
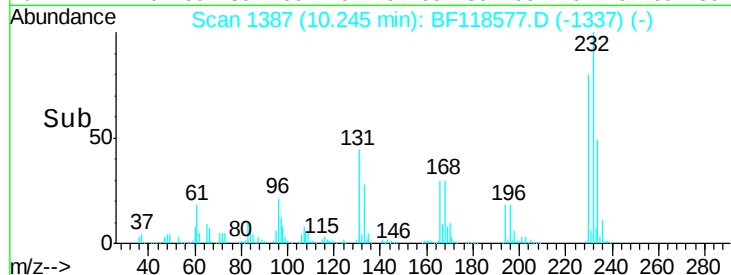
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

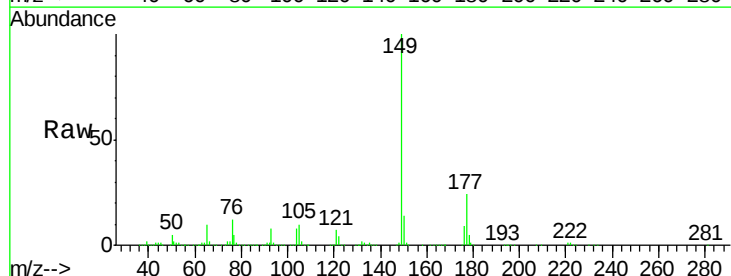
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 52.115 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.2	30.4
150	13.8	11.0	16.4

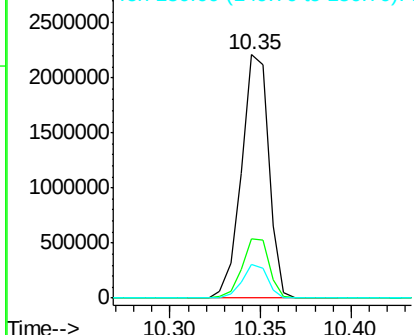
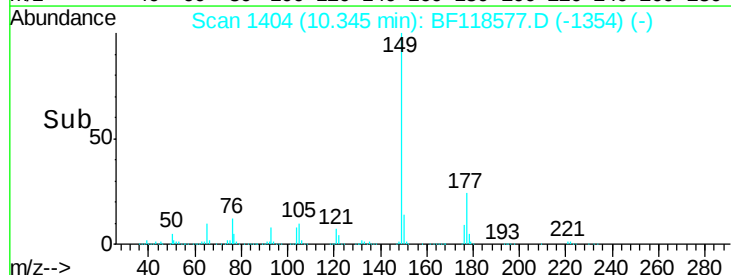


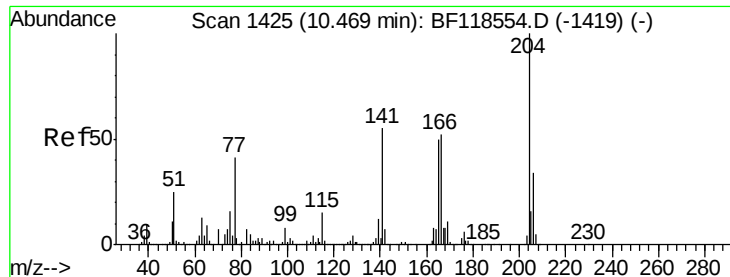
Abundance

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

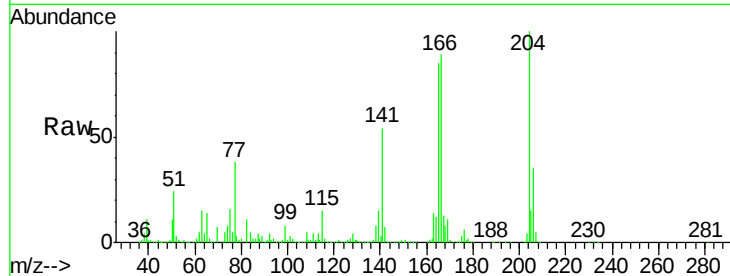




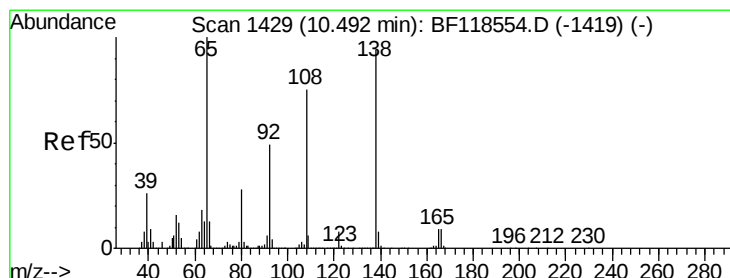
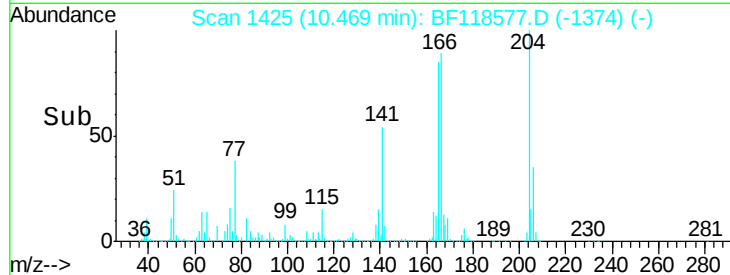
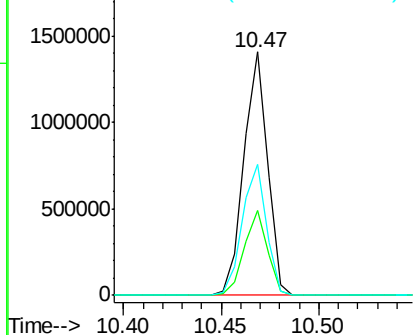
#61
4-Chlorophenyl-phenylether
Concen: 53.460 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion:204 Resp: 1183116
Ion Ratio Lower Upper
204 100
206 34.8 27.1 40.7
141 53.9 44.4 66.6

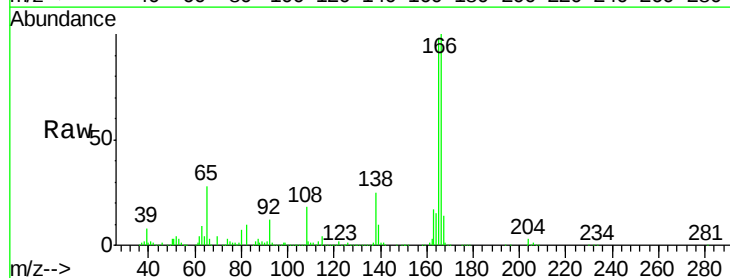


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

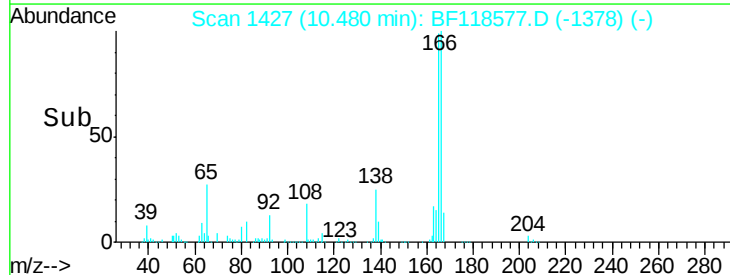
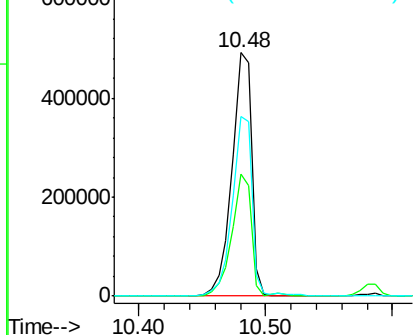


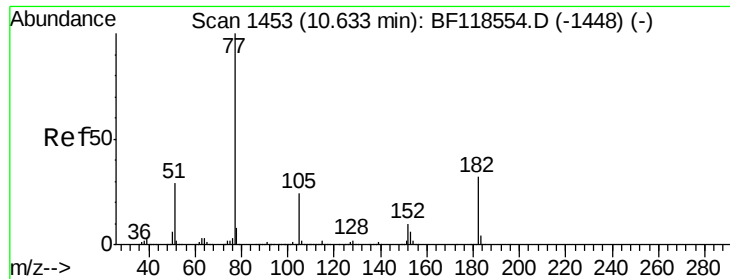
#62
4-Nitroaniline
Concen: 53.846 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:138 Resp: 525917
Ion Ratio Lower Upper
138 100
92 50.1 31.7 71.7
108 73.5 59.6 99.6



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: 53.492 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

Tot Ion: 77 Resp: 2315732

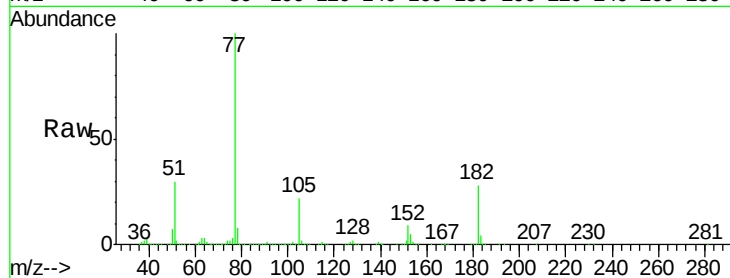
Ion Ratio Lower Upper

77 100

182 28.1 11.7 51.7

105 22.4 3.6 43.6

51 29.9 9.0 49.0

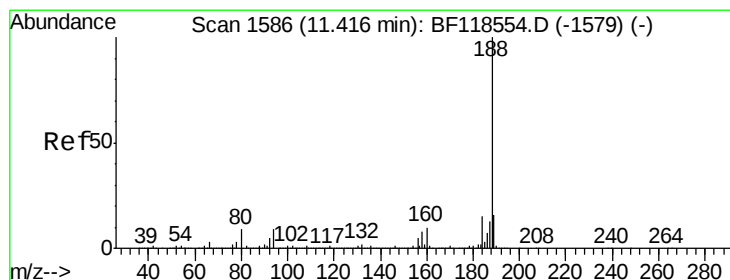
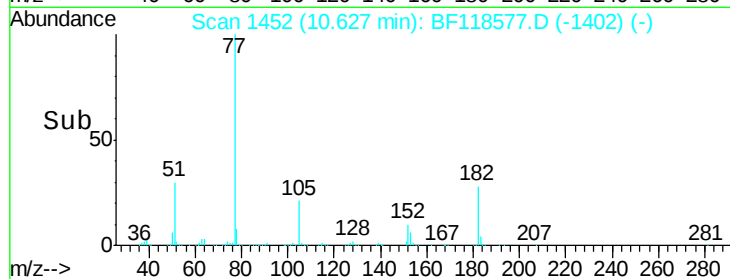
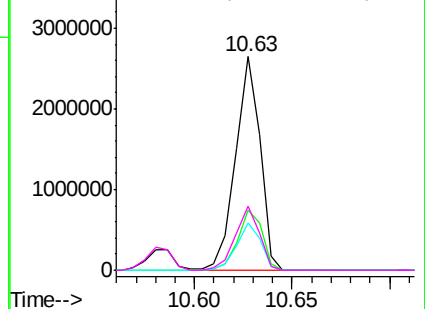


Abundance Ion 77.00 (76.70 to 77.70): BF1

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. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

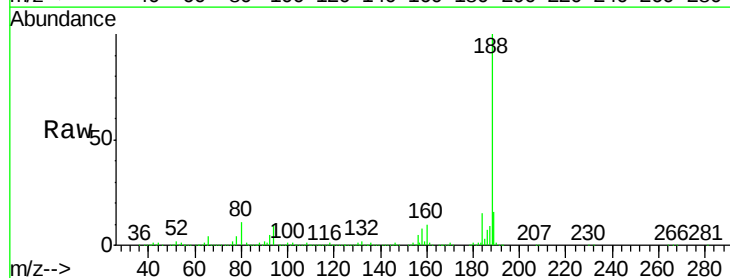
Tgt Ion: 188 Resp: 1209705

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

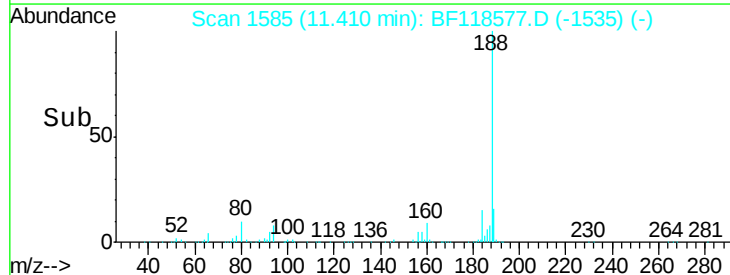
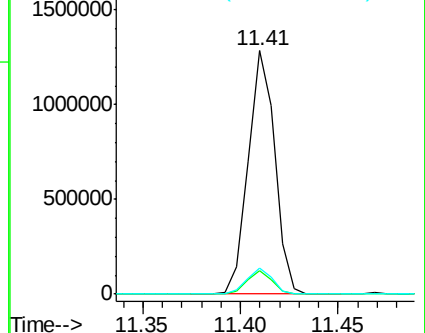
80 10.7 7.4 11.2

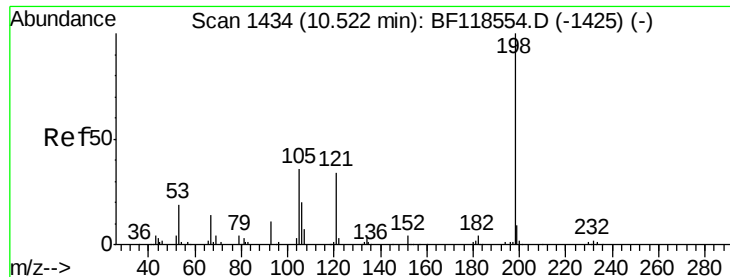


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 41.847 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

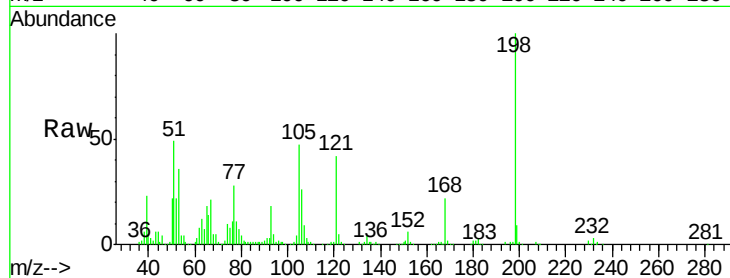
Tot Ion:198 Resp: 198328

Ion Ratio Lower Upper

198 100

51 49.2 13.2 53.2

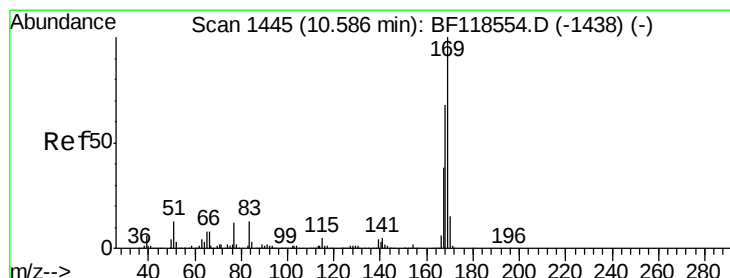
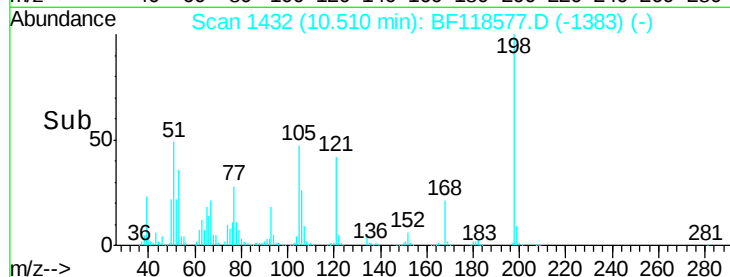
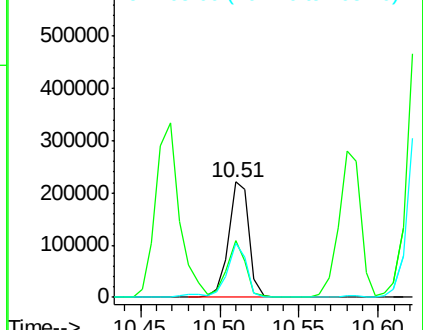
105 47.1 17.2 57.2



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: 52.232 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

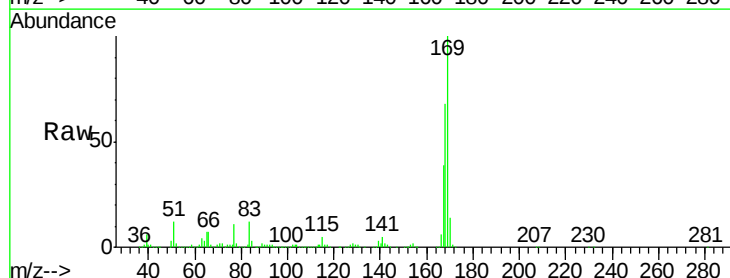
Tgt Ion:169 Resp: 2030267

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.4

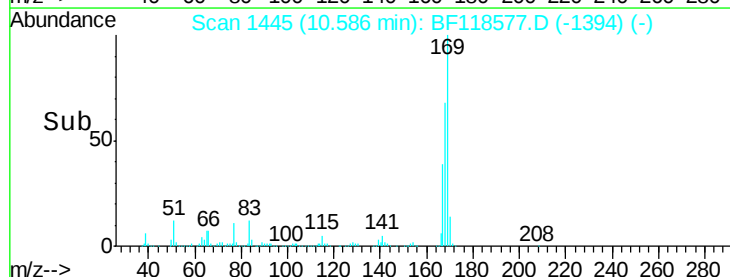
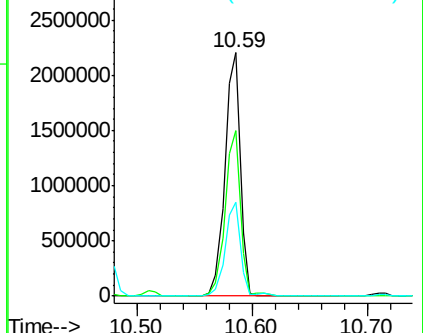
167 38.7 30.5 45.7

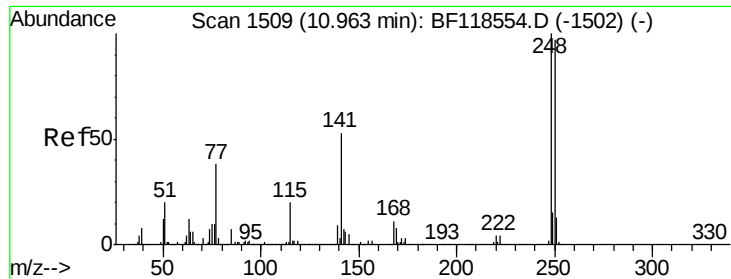


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

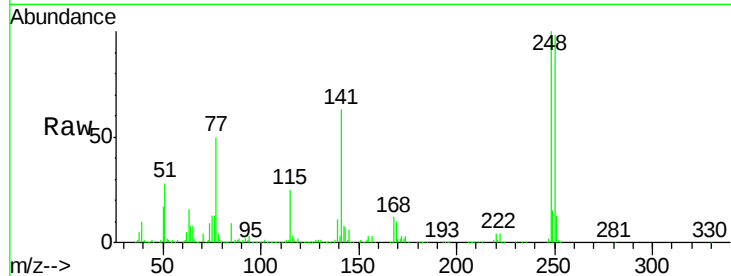




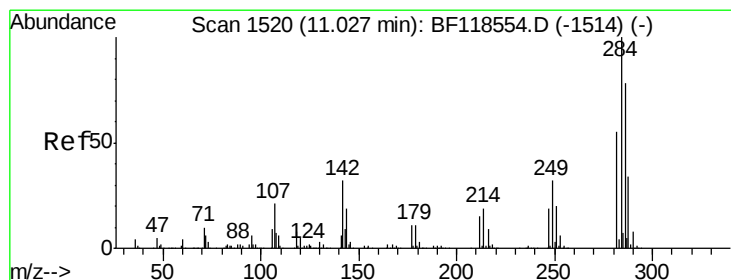
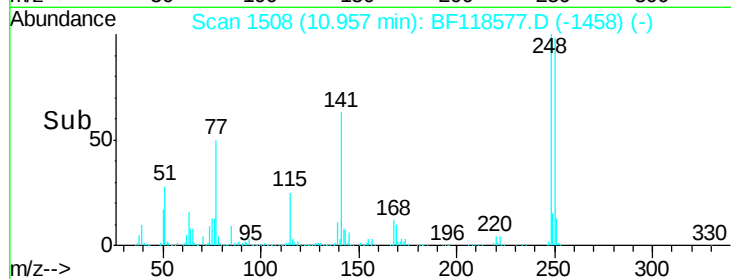
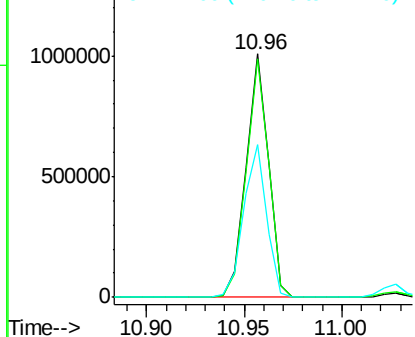
#67
4-Bromophenyl-phenylether
Concen: 49.336 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.8
141	62.7	42.7	64.1

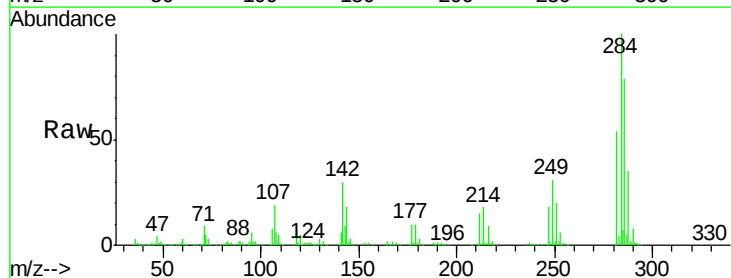


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

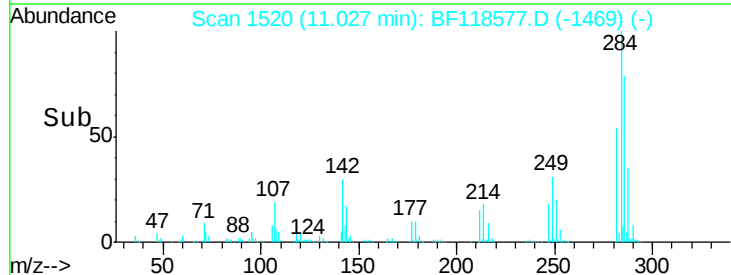
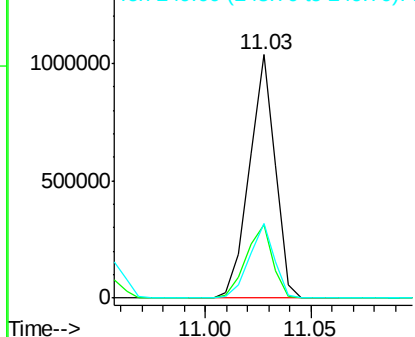


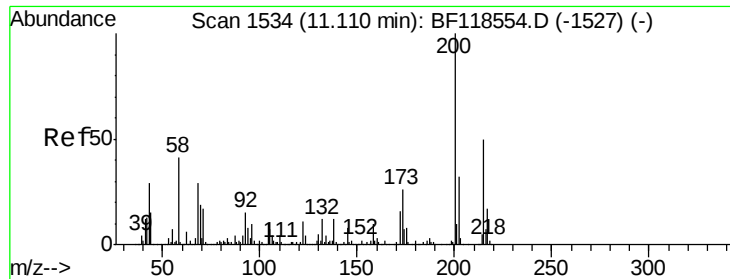
#68
Hexachlorobenzene
Concen: 48.936 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.6	38.4
249	30.6	25.6	38.4



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

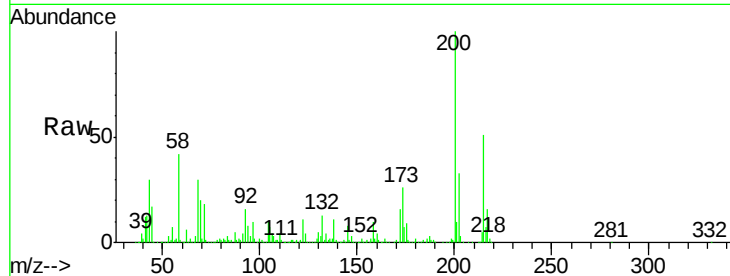




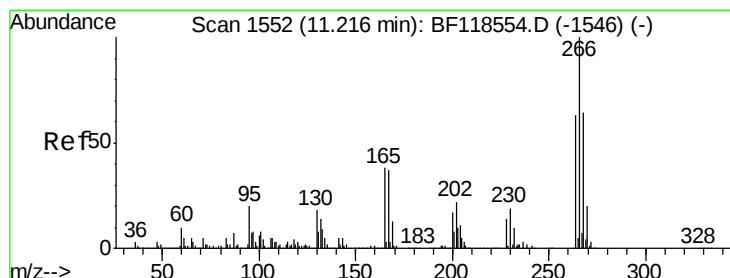
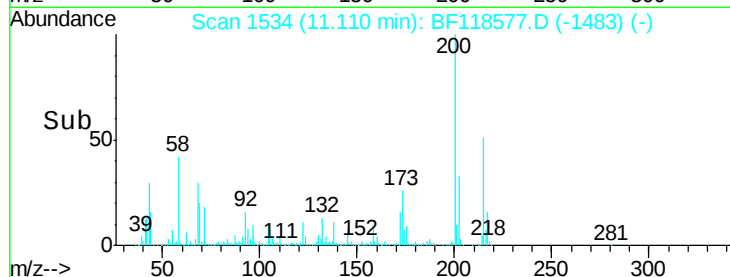
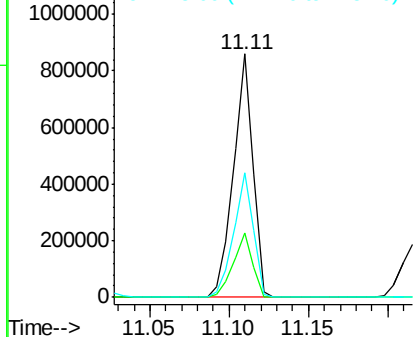
#69
Atrazine
Concen: 65.512 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion:200 Resp: 734847
Ion Ratio Lower Upper
200 100
173 26.4 5.8 45.8
215 51.3 29.8 69.8

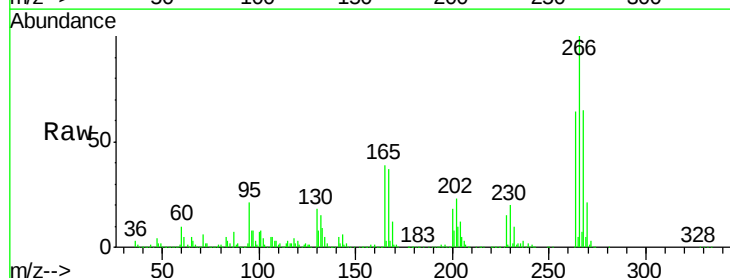


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

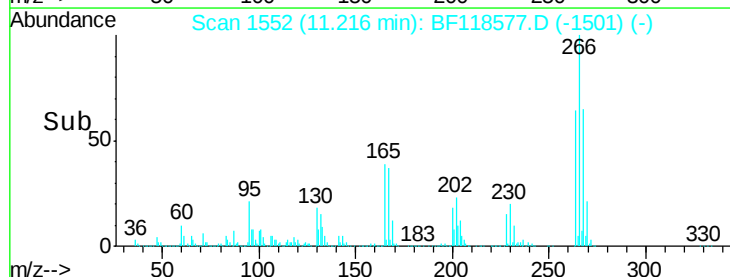
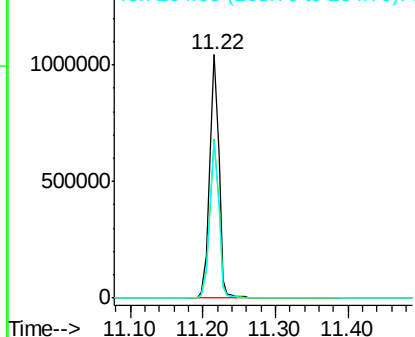


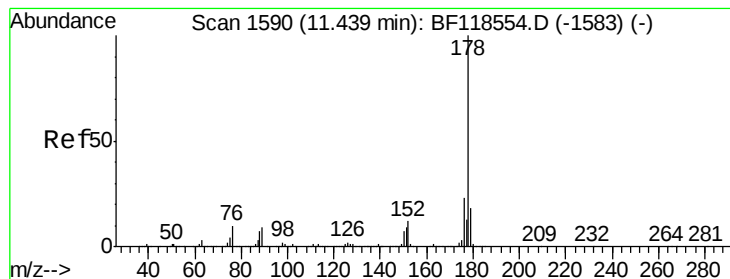
#70
Pentachlorophenol
Concen: 106.941 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:266 Resp: 943118
Ion Ratio Lower Upper
266 100
268 65.2 51.0 76.4
264 64.2 50.5 75.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.129 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

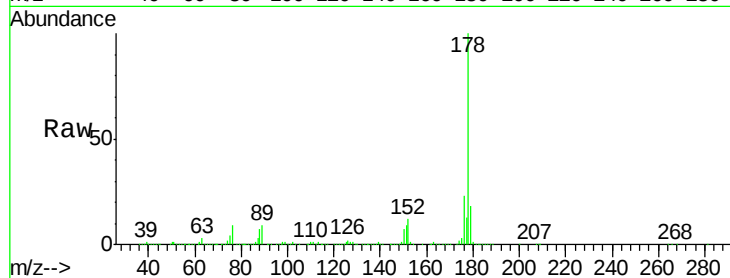
Tot Ion:178 Resp: 3230530

Ion Ratio Lower Upper

178 100

176 22.9 18.6 28.0

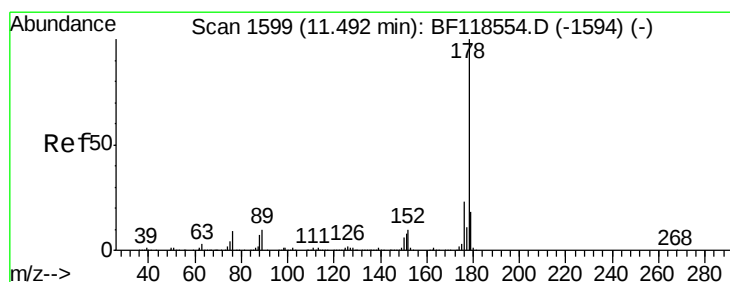
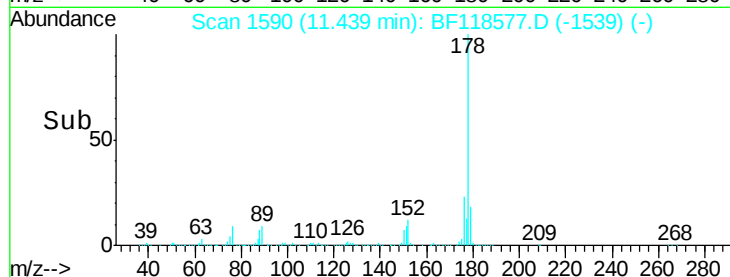
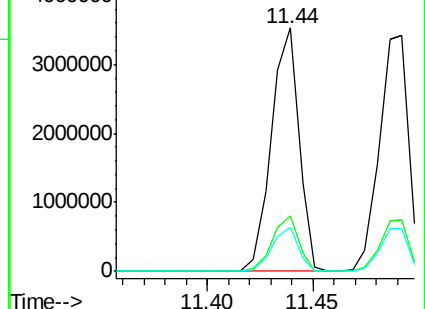
179 17.9 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.828 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

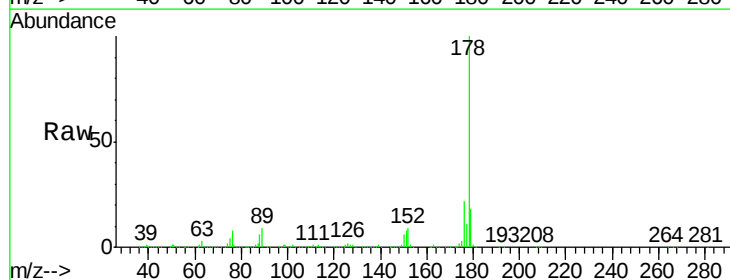
Tgt Ion:178 Resp: 3326247

Ion Ratio Lower Upper

178 100

176 22.0 18.1 27.1

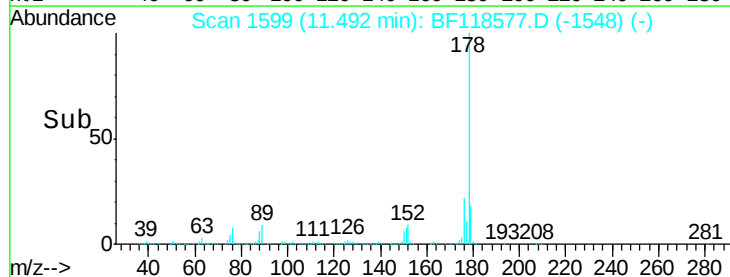
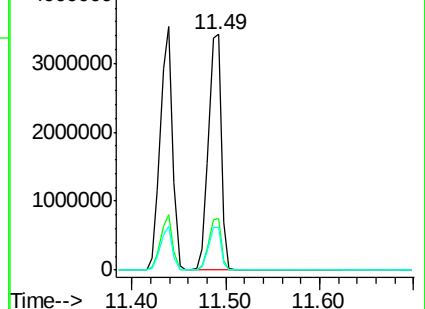
179 17.9 14.7 22.1

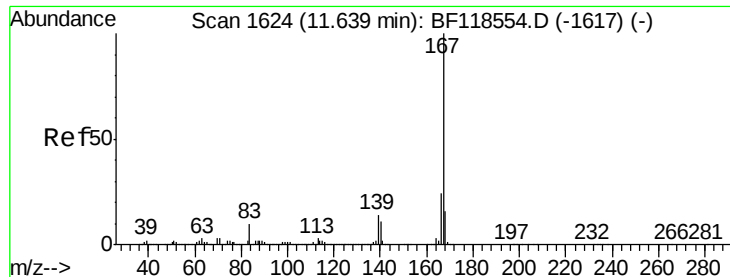


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

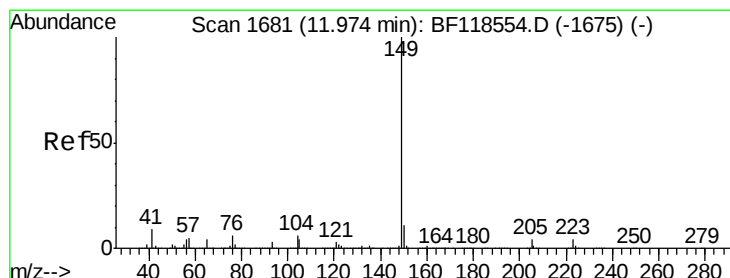
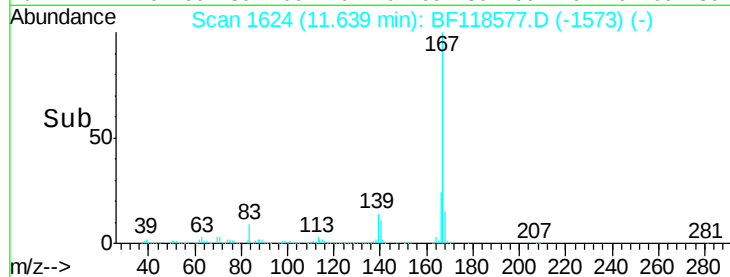
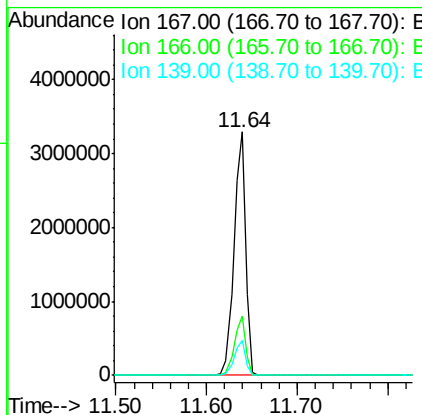
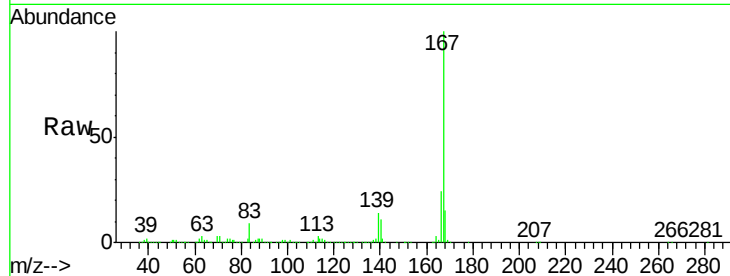




#73
 Carbazole
 Concen: 54.426 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

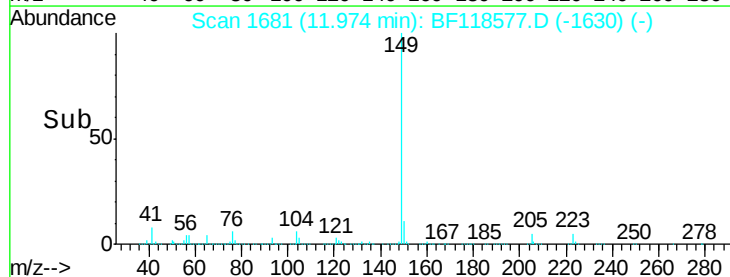
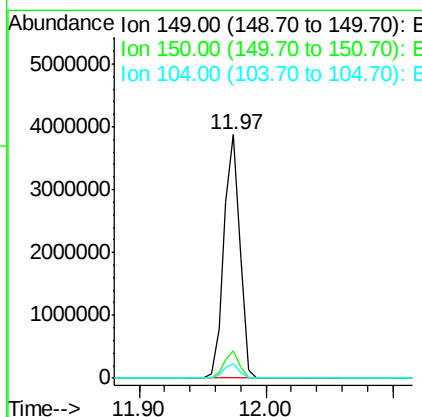
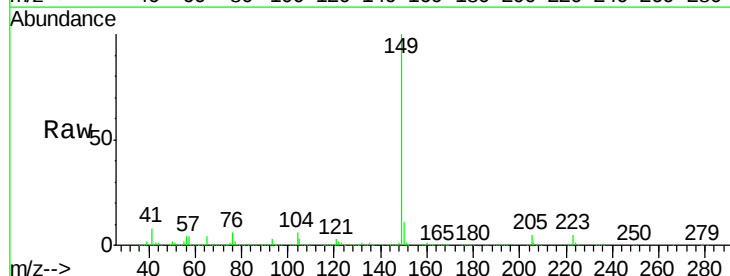
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BSD

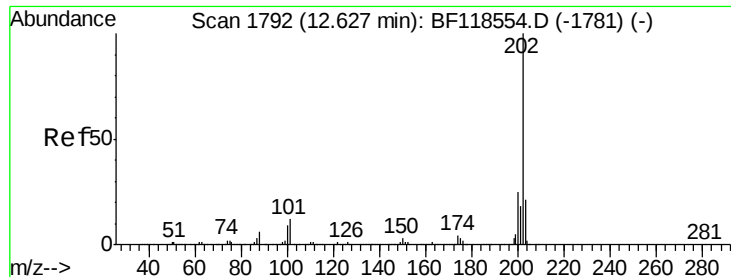
Tot Ion:167 Resp: 2977855
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.5 29.3
 139 14.3 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 49.671 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118577.D
 Acq: 18 Jan 2020 00:09

Tgt Ion:149 Resp: 3377315
 Ion Ratio Lower Upper
 149 100
 150 11.3 9.0 13.6
 104 6.1 5.0 7.4





#75

Fluoranthene

Concen: 53.510 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

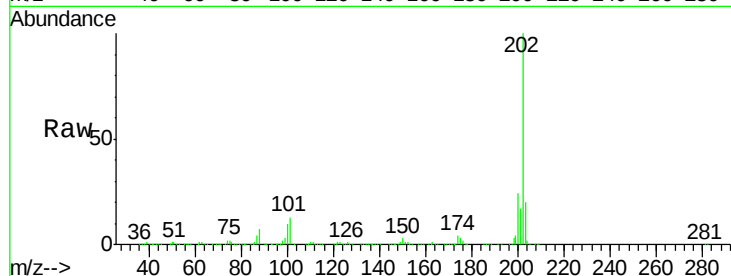
Tot Ion:202 Resp: 3499049

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.9

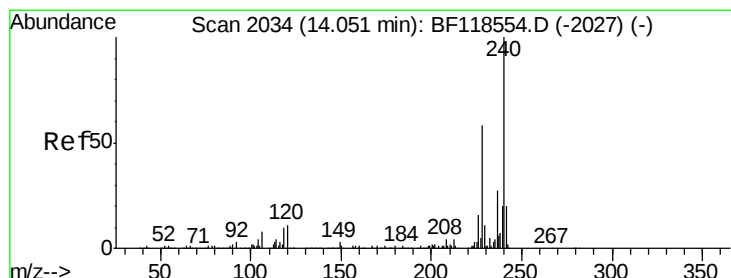
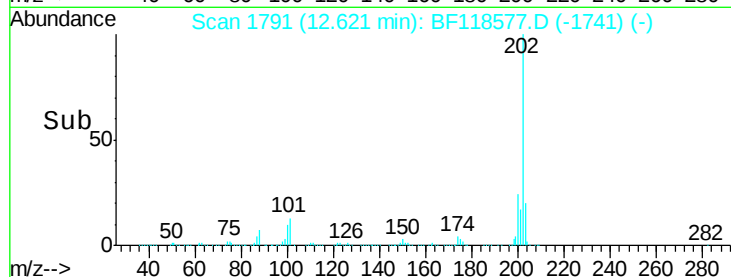
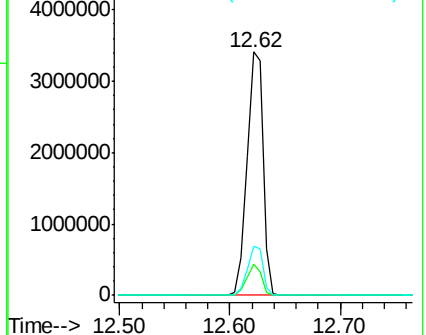
203 20.3 0.9 40.9



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: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

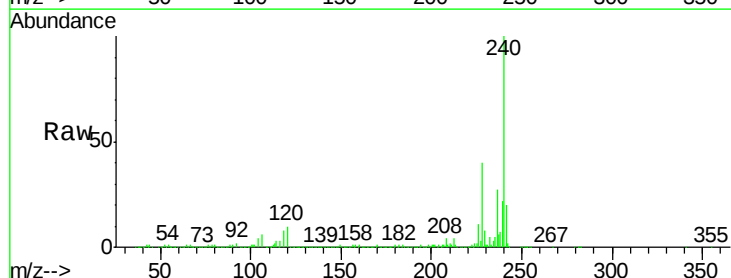
Tgt Ion:240 Resp: 1008002

Ion Ratio Lower Upper

240 100

120 9.8 8.7 13.1

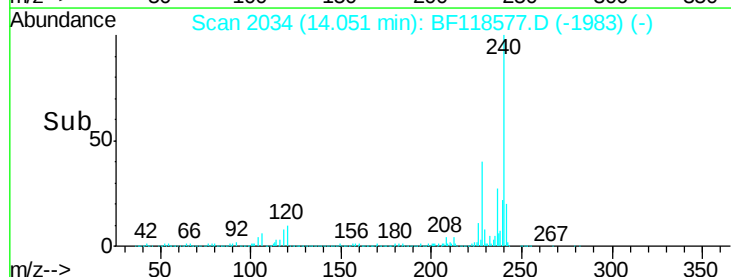
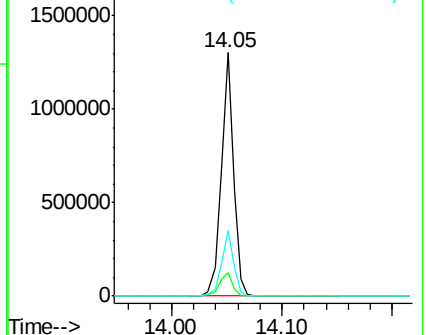
236 27.1 21.8 32.8

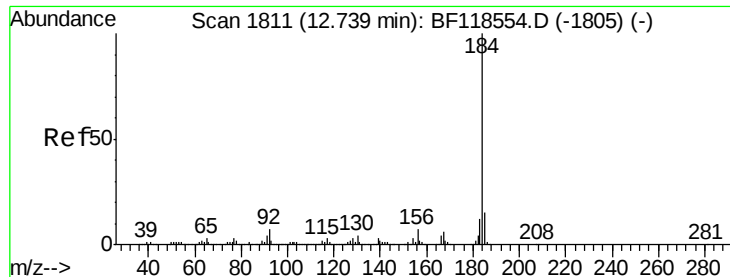


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

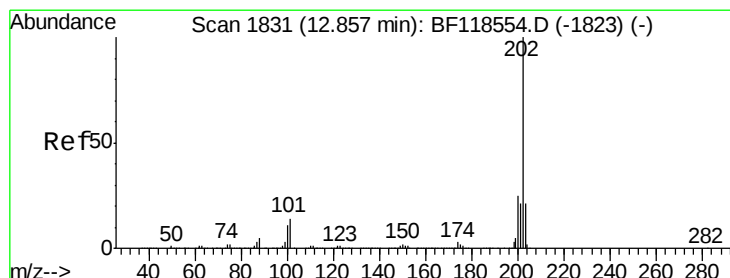
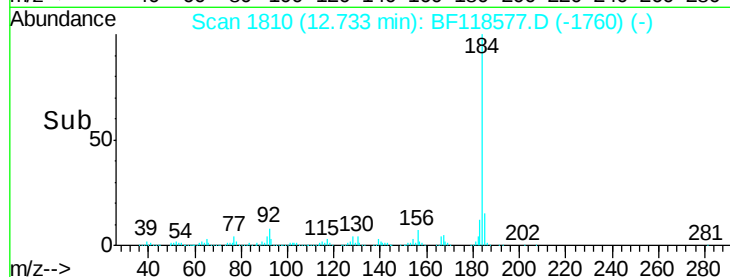
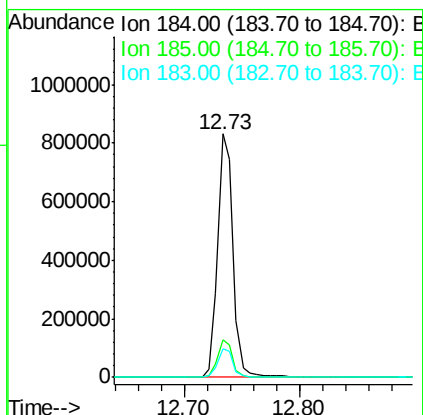
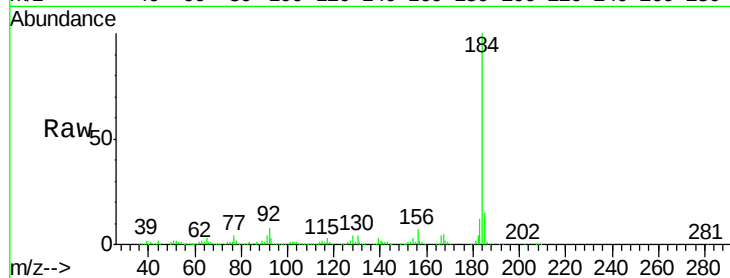




#77
Benzidine
Concen: 31.387 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

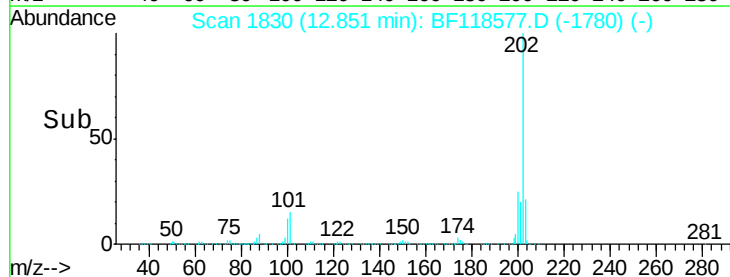
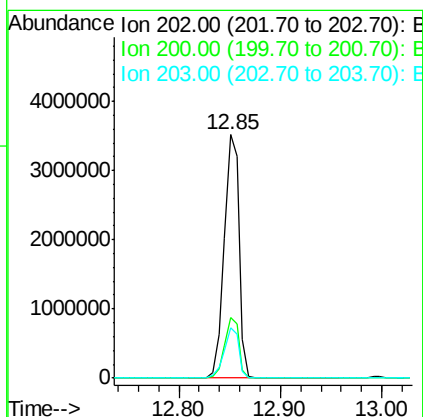
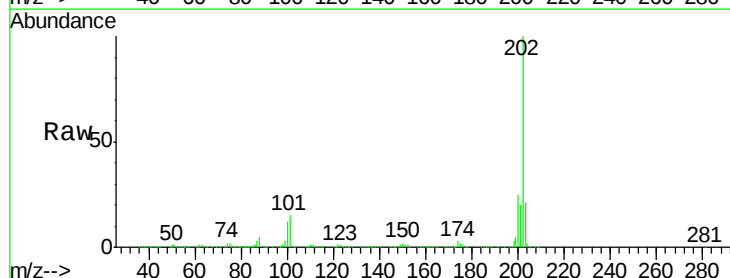
Instrument :
BNA_F
ClientSampleId :
PB126175BSD

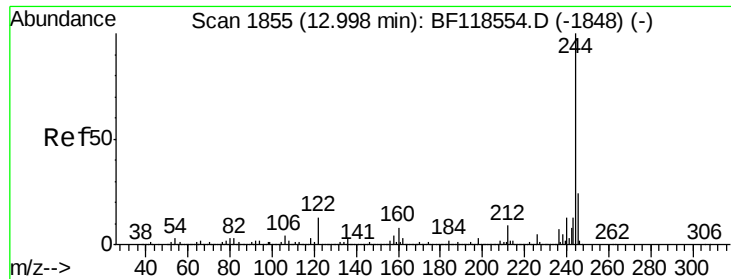
Tot Ion:184 Resp: 768690
Ion Ratio Lower Upper
184 100
185 15.3 12.3 18.5
183 11.8 9.5 14.3



#78
Pyrene
Concen: 47.374 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:202 Resp: 3564081
Ion Ratio Lower Upper
202 100
200 25.0 20.2 30.4
203 20.8 16.6 25.0





#79

Terphenyl-d14

Concen: 94.159 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

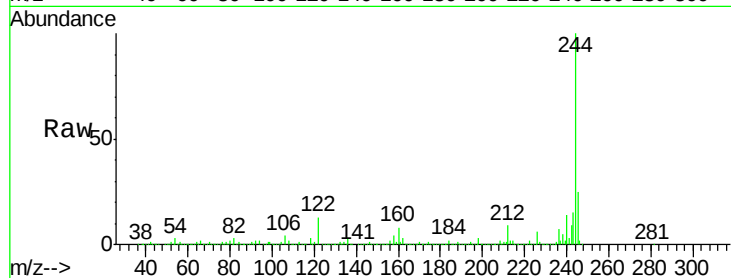
Tot Ion:244 Resp: 4805883

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

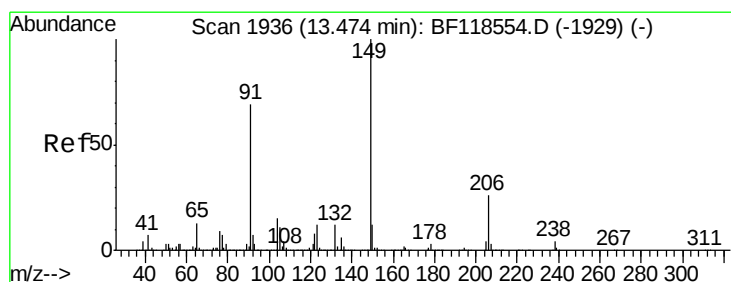
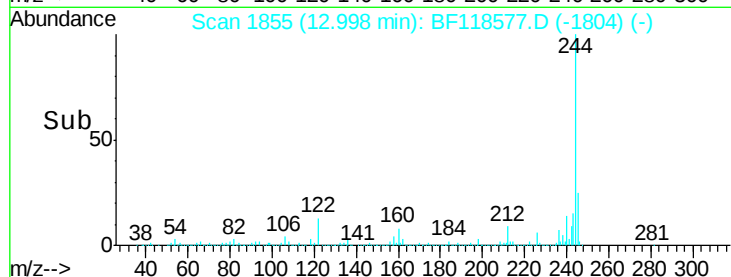
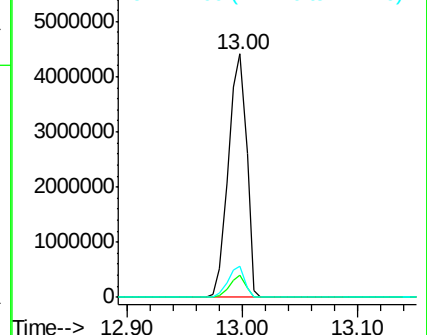
122 12.6 10.4 15.6



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: 46.513 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

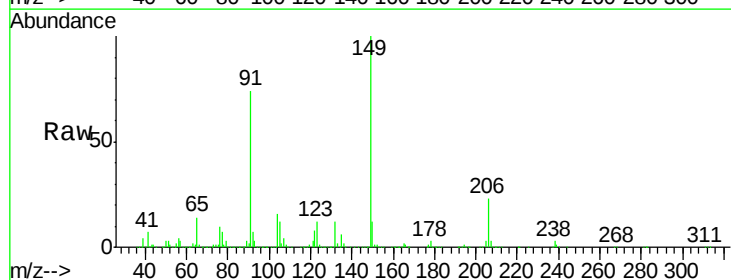
Tgt Ion:149 Resp: 1500023

Ion Ratio Lower Upper

149 100

91 73.8 55.5 83.3

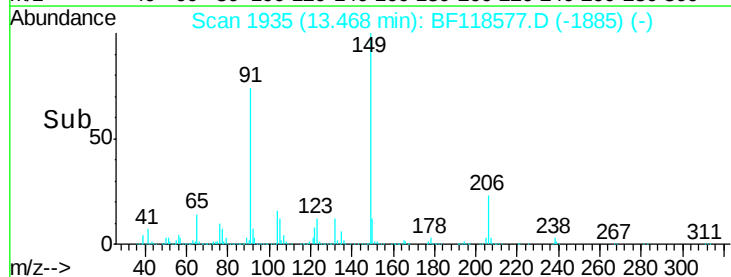
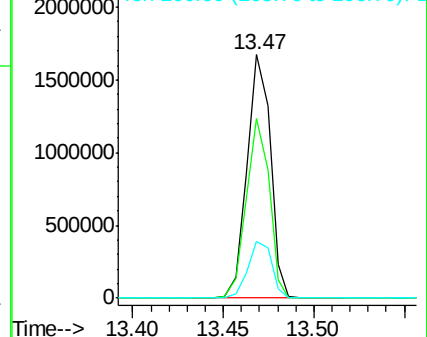
206 23.3 20.7 31.1

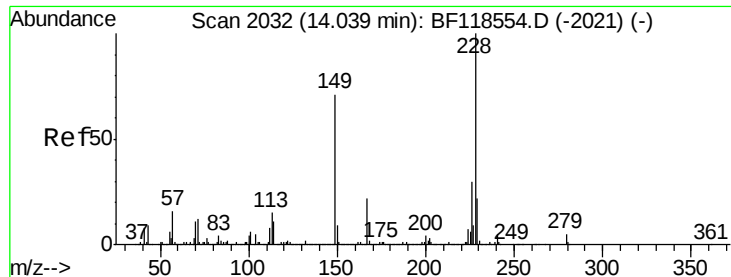


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

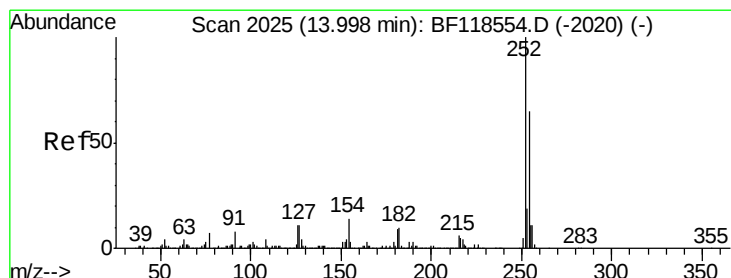
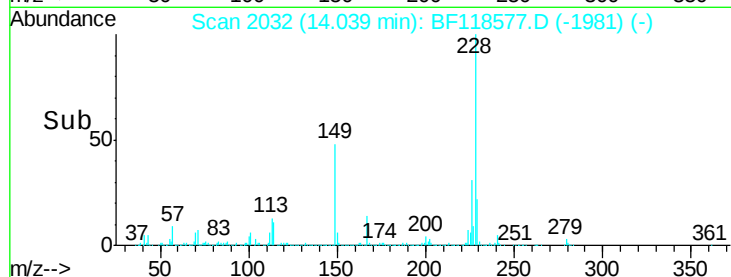
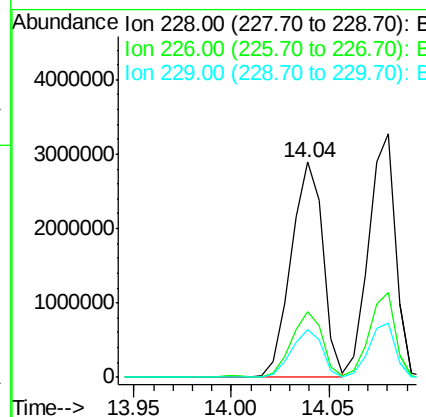
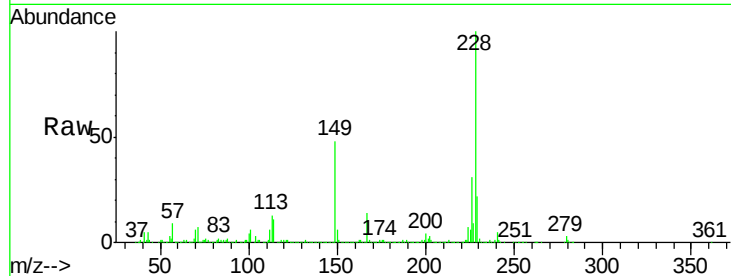




#81
Benzo(a)anthracene
Concen: 51.191 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

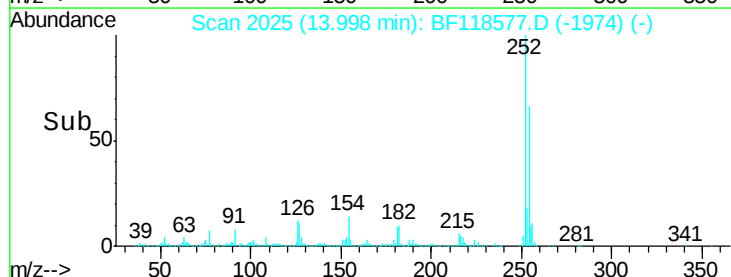
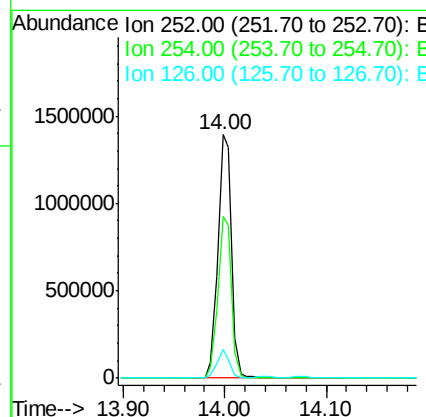
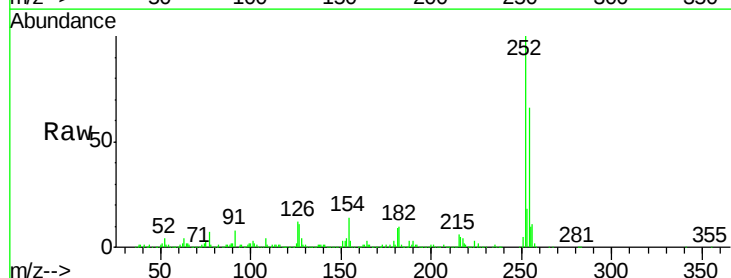
Instrument :
BNA_F
ClientSampleId :
PB126175BSD

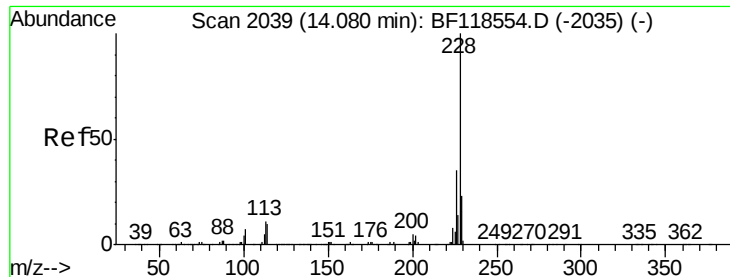
Tot Ion:228 Resp: 3257017
Ion Ratio Lower Upper
228 100
226 30.7 23.7 35.5
229 22.2 17.3 25.9



#82
3,3'-Dichlorobenzidine
Concen: 58.282 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:252 Resp: 1301014
Ion Ratio Lower Upper
252 100
254 66.2 52.0 78.0
126 11.5 9.1 13.7





#83

Chrvsene

Concen: 51.356 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

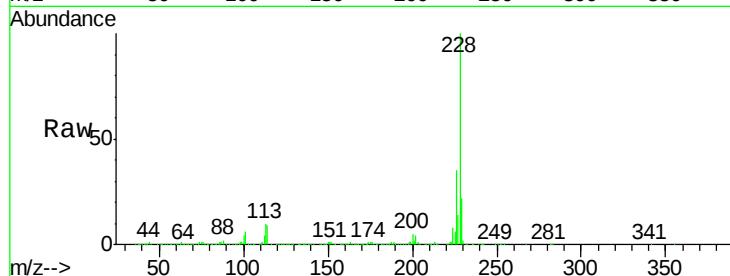
Tot Ion:228 Resp: 3143027

Ion	Ratio	Lower	Upper
228	100		
226	34.9	28.2	42.2
229	22.5	18.2	27.2

228 100

226 34.9 28.2 42.2

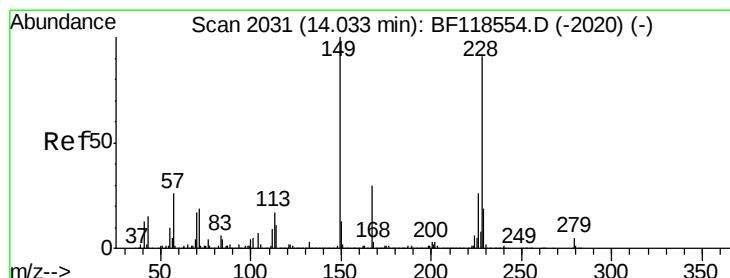
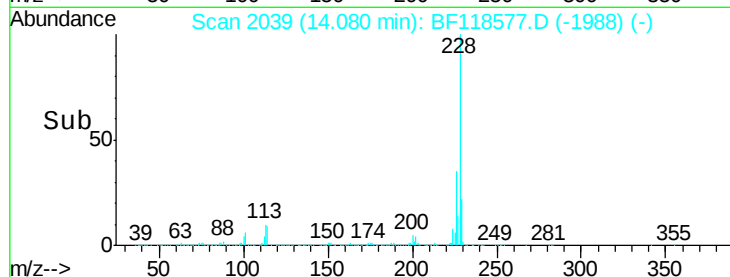
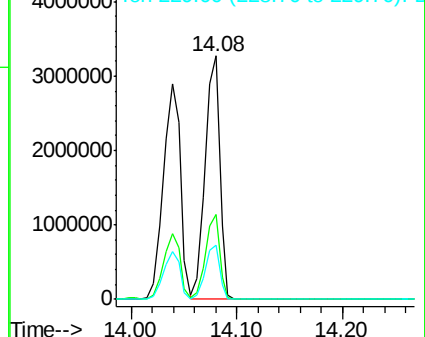
229 22.5 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.829 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

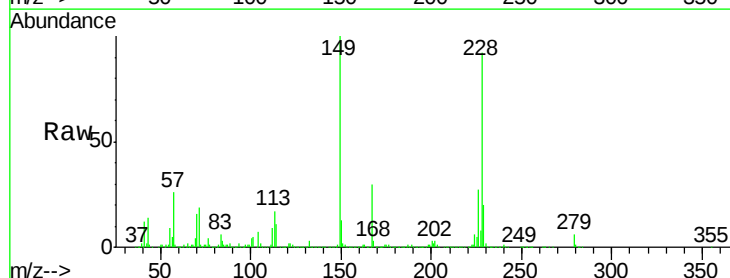
Tgt Ion:149 Resp: 2034589

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.9	35.9
279	5.9	4.2	6.2

149 100

167 30.4 23.9 35.9

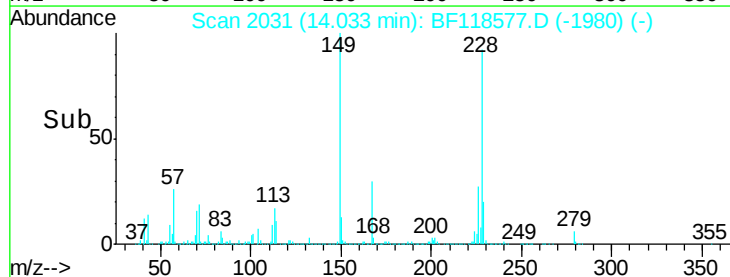
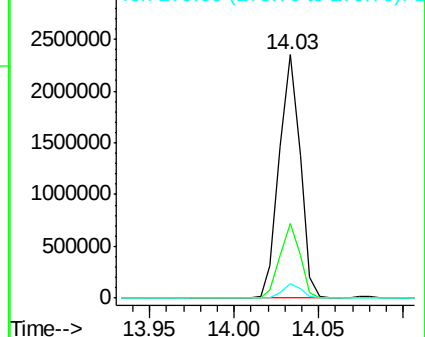
279 5.9 4.2 6.2

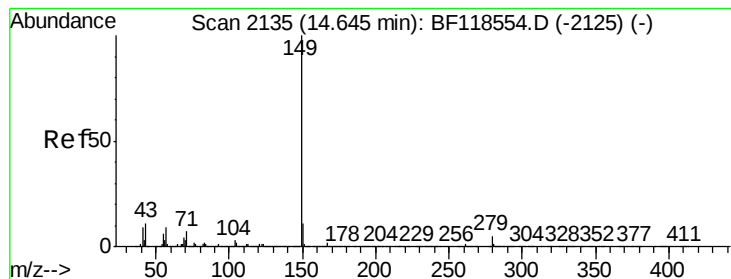


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.704 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

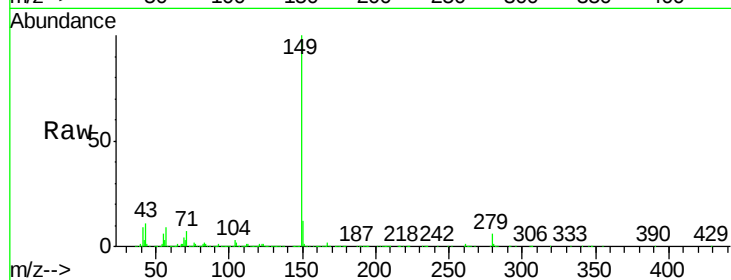
Tot Ion:149 Resp: 3353222

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

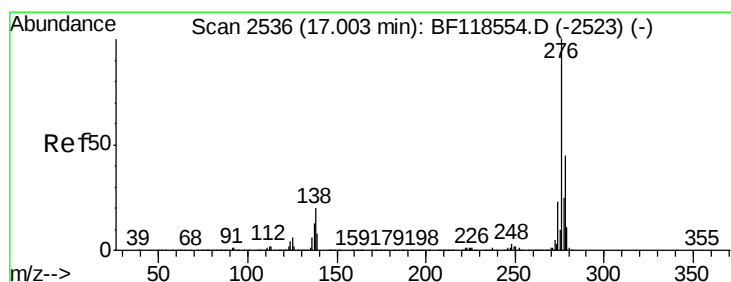
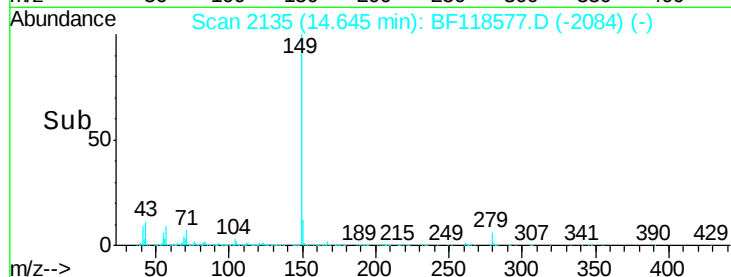
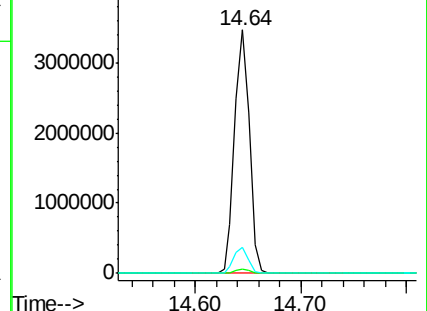
43 10.4 8.9 13.3



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: 65.896 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

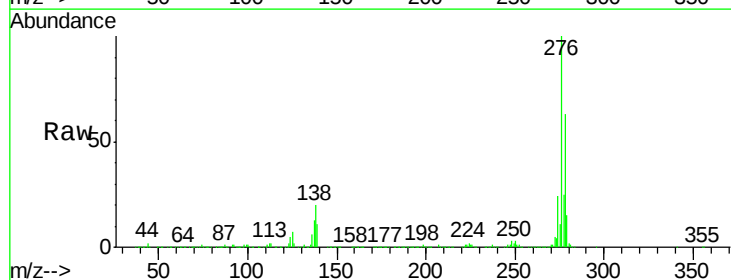
Tgt Ion:276 Resp: 3968547

Ion Ratio Lower Upper

276 100

138 21.7 17.3 25.9

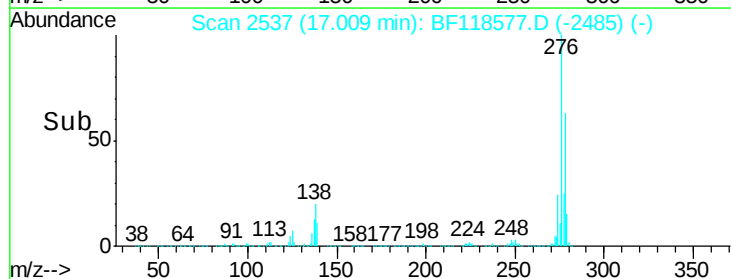
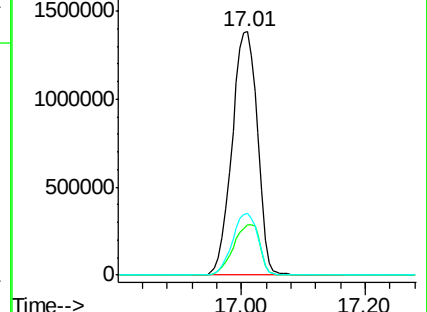
277 25.6 20.5 30.7

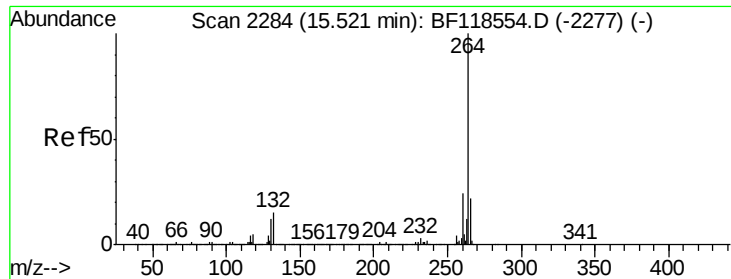


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

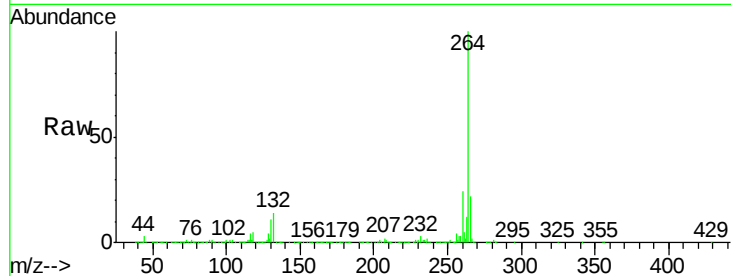
Tot Ion:264 Resp: 1070232

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

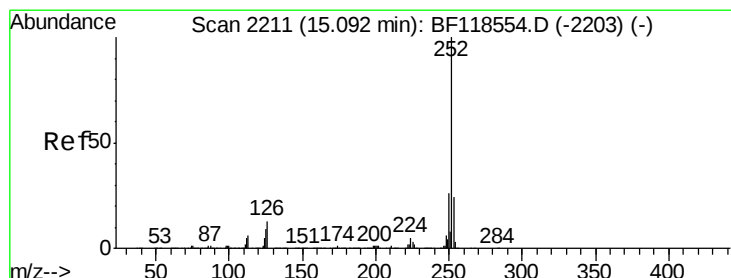
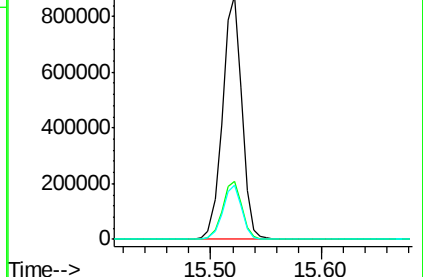
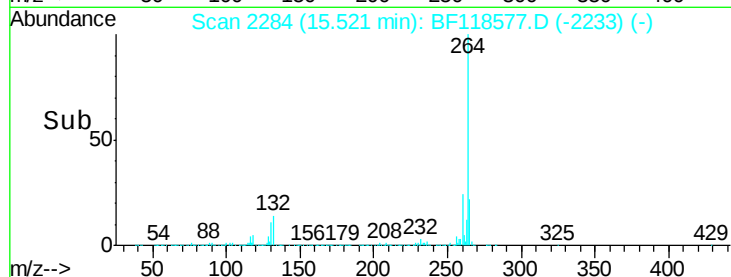
265 22.2 17.6 26.4



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: 46.534 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

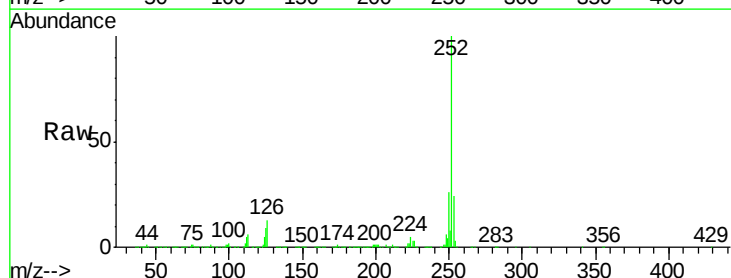
Tgt Ion:252 Resp: 3243649

Ion Ratio Lower Upper

252 100

253 24.2 19.1 28.7

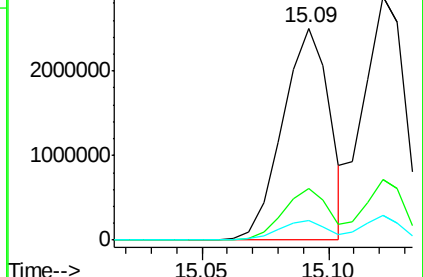
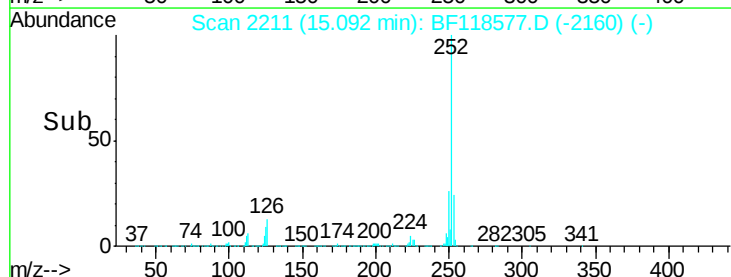
125 9.5 7.5 11.3

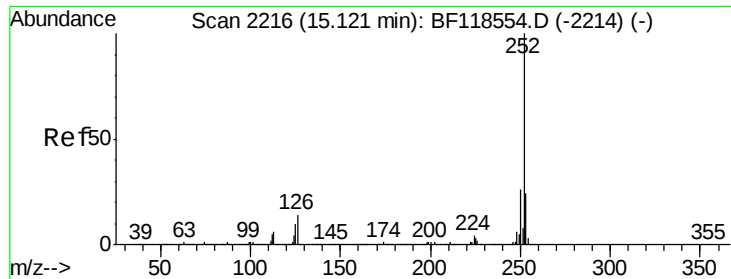


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

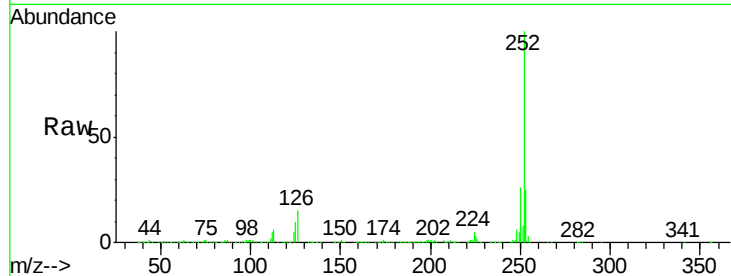




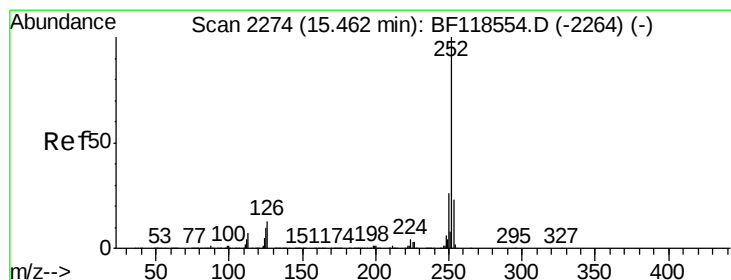
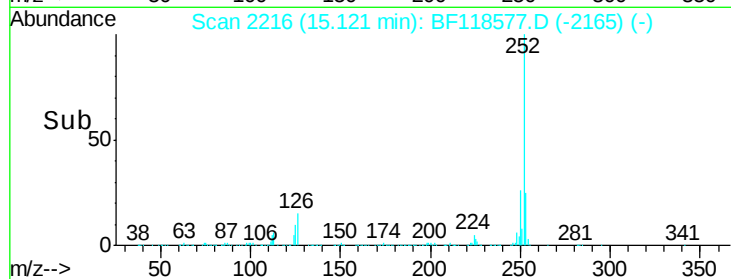
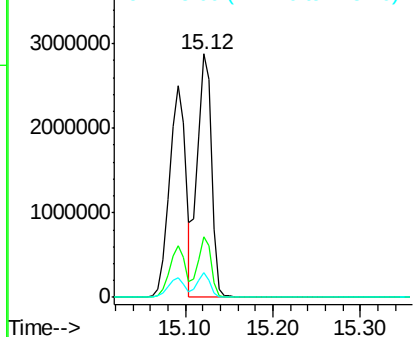
#89
Benzo(k)fluoranthene
Concen: 51.941 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Instrument :
BNA_F
ClientSampleId :
PB126175BSD

Tot Ion:252 Resp: 3272108
Ion Ratio Lower Upper
252 100
253 24.7 19.0 28.4
125 10.1 7.8 11.8

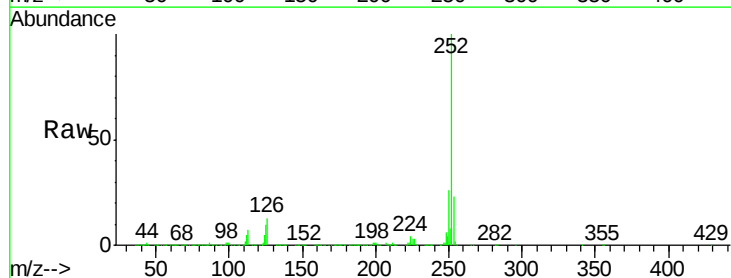


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

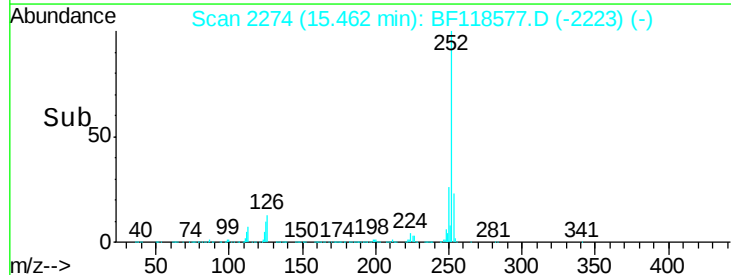
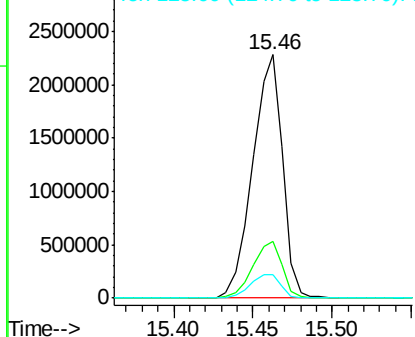


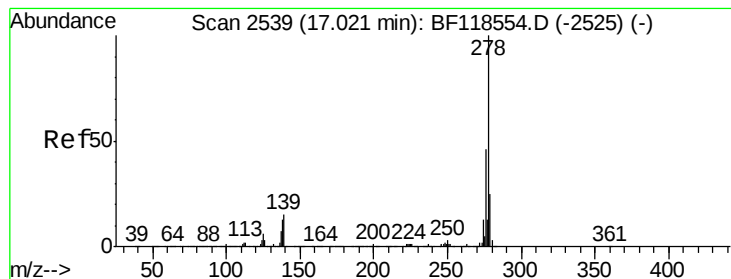
#90
Benzo(a)pyrene
Concen: 49.386 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF118577.D
Acq: 18 Jan 2020 00:09

Tgt Ion:252 Resp: 2995386
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 9.7 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 57.731 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

Instrument :

BNA_F

ClientSampleId :

PB126175BSD

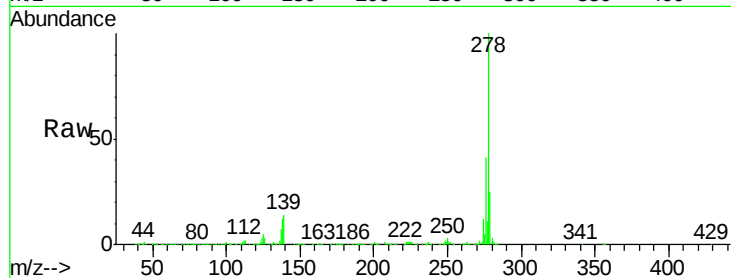
Tot Ion:278 Resp: 3270370

Ion Ratio Lower Upper

278 100

139 14.2 11.7 17.5

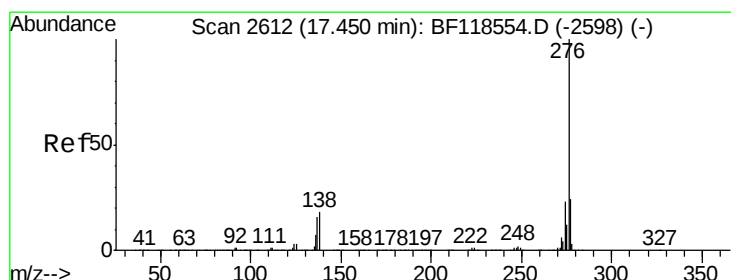
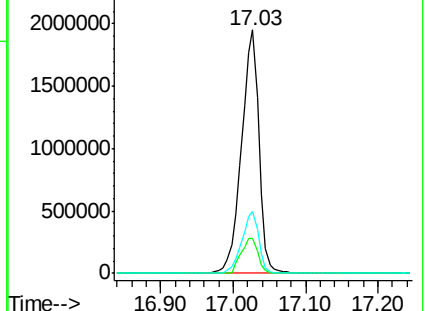
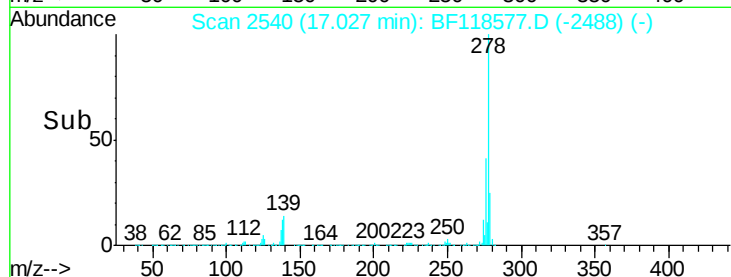
279 25.3 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.213 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118577.D

Acq: 18 Jan 2020 00:09

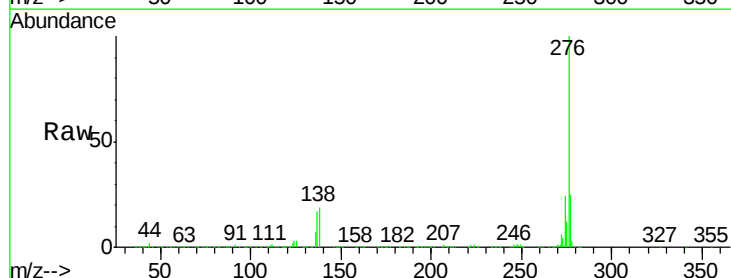
Tgt Ion:276 Resp: 3294759

Ion Ratio Lower Upper

276 100

277 25.0 19.1 28.7

138 19.4 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

