

Data File : BF118456.D
Acq On : 3 Jan 2020 12:45
Operator : JU
Sample : PB125821BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Quant Time: Jan 04 00:02:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70418	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	275502	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	135620	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	268417	20.00	ng	0.00
76) Chrysene-d12	14.05	240	236356	20.00	ng	0.00
87) Perylene-d12	15.53	264	181674	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	482964	117.07	ng	0.01
7) Phenol-d6	6.49	99	610200	119.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	389022	80.76	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	204705	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	797956	89.81	ng	0.00
79) Terphenyl-d14	12.98	244	989882	69.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	51548	31.433	ng	# 92
3) Pyridine	3.43	79	138810	31.770	ng	# 95
4) n-Nitrosodimethylamine	3.38	42	80688	44.666	ng	# 72
6) Aniline	6.51	93	166481	25.619	ng	# 41
8) 2-Chlorophenol	6.64	128	179187	38.352	ng	97
9) Benzaldehyde	6.40	77	37020	12.339	ng	90
10) Phenol	6.50	94	214450	37.283	ng	79
11) bis(2-Chloroethyl)ether	6.59	93	152029	36.958	ng	99
12) 1,3-Dichlorobenzene	6.79	146	192741	35.820	ng	96
13) 1,4-Dichlorobenzene	6.86	146	200553	36.694	ng	98
14) 1,2-Dichlorobenzene	7.02	146	189462	36.717	ng	98
15) Benzyl Alcohol	7.00	79	160439	41.176	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	159695	36.381	ng	66
17) 2-Methylphenol	7.11	107	140365	37.457	ng	# 93
18) Hexachloroethane	7.36	117	73917	36.850	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	123126	39.056	ng	90
20) 3+4-Methylphenols	7.26	107	189230	39.455	ng	90
22) Acetophenone	7.26	105	260073	38.516	ng	# 90
24) Nitrobenzene	7.43	77	190993	39.582	ng	94
25) Isophorone	7.67	82	322006	38.358	ng	98
26) 2-Nitrophenol	7.75	139	97654	38.209	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	150508	43.162	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	194778	35.477	ng	99
29) 2,4-Dichlorophenol	8.00	162	150143	37.409	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	168710	36.085	ng	98
31) Naphthalene	8.16	128	531166	37.933	ng	99
32) Benzoic acid	7.94	122	89022	32.333	ng	95
33) 4-Chloroaniline	8.21	127	103956	17.318	ng	99
34) Hexachlorobutadiene	8.27	225	100699	36.182	ng	99
35) Caprolactam	8.59	113	22152	17.678	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	166430	38.622	ng	93
37) 2-Methylnaphthalene	8.85	142	370145	38.608	ng	98
38) 1-Methylnaphthalene	8.95	142	351551	38.921	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	163772	40.191	ng	98

Data File : BF118456.D
Acq On : 3 Jan 2020 12:45
Operator : JU
Sample : PB125821BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Quant Time: Jan 04 00:02:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	97270	59.321	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	103932	38.179	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	110354	39.407	ng	97
46) 1,1'-Biphenyl	9.32	154	444551	41.443	ng	99
47) 2-Chloronaphthalene	9.35	162	346376	40.121	ng	98
48) 2-Nitroaniline	9.45	65	98991	40.595	ng	94
49) Acenaphthylene	9.76	152	545219	42.582	ng	99
50) Dimethylphthalate	9.62	163	407797	40.058	ng	100
51) 2,6-Dinitrotoluene	9.69	165	89792	40.912	ng	91
52) Acenaphthene	9.93	154	315828	40.496	ng	99
53) 3-Nitroaniline	9.86	138	63404	24.613	ng	93
54) 2,4-Dinitrophenol	9.98	184	73441	67.249	ng	93
55) Dibenzofuran	10.10	168	489377	42.467	ng	95
56) 4-Nitrophenol	10.04	139	94182	59.224	ng	94
57) 2,4-Dinitrotoluene	10.10	165	125355	42.744	ng	# 74
58) Fluorene	10.45	166	390862	42.016	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	99390	41.771	ng	98
60) Diethylphthalate	10.32	149	430612	42.757	ng	97
61) 4-Chlorophenyl-phenylether	10.44	204	194005	41.776	ng	96
62) 4-Nitroaniline	10.48	138	82924	30.987	ng	87
63) Azobenzene	10.60	77	381850	44.264	ng	91
65) 4,6-Dinitro-2-methylphenol	10.52	198	56594	39.084	ng	91
66) n-Nitrosodiphenylamine	10.56	169	341124	39.653	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	117967	37.554	ng	91
68) Hexachlorobenzene	11.00	284	136849	37.011	ng	99
69) Atrazine	11.09	200	103015	38.799	ng	98
70) Pentachlorophenol	11.20	266	166690	104.095	ng	99
71) Phenanthrene	11.42	178	581026	39.707	ng	99
72) Anthracene	11.47	178	598261	40.847	ng	98
73) Carbazole	11.63	167	501776	38.609	ng	99
74) Di-n-butylphthalate	11.95	149	697832	42.347	ng	99
75) Fluoranthene	12.62	202	598511	40.529	ng	100
77) Benzidine	12.73	184	124906	19.287	ng	98
78) Pyrene	12.85	202	613790	31.801	ng	100
80) Butylbenzylphthalate	13.45	149	327873	37.728	ng	94
81) Benzo(a)anthracene	14.04	228	570866	34.506	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	125829	22.432	ng	97
83) Chrysene	14.07	228	541359	34.174	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	460950	40.337	ng	99
85) Di-n-octyl phthalate	14.62	149	757779	45.081	ng	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	432233	32.022	ng	99
88) Benzo(b)fluoranthene	15.10	252	462359	38.340	ng	99
89) Benzo(k)fluoranthene	15.13	252	492715	42.552	ng	98
90) Benzo(a)pyrene	15.47	252	443201	41.719	ng	98
91) Dibenzo(a,h)anthracene	17.06	278	364205	39.506	ng	98
92) Benzo(g,h,i)perylene	17.50	276	358850	40.296	ng	99

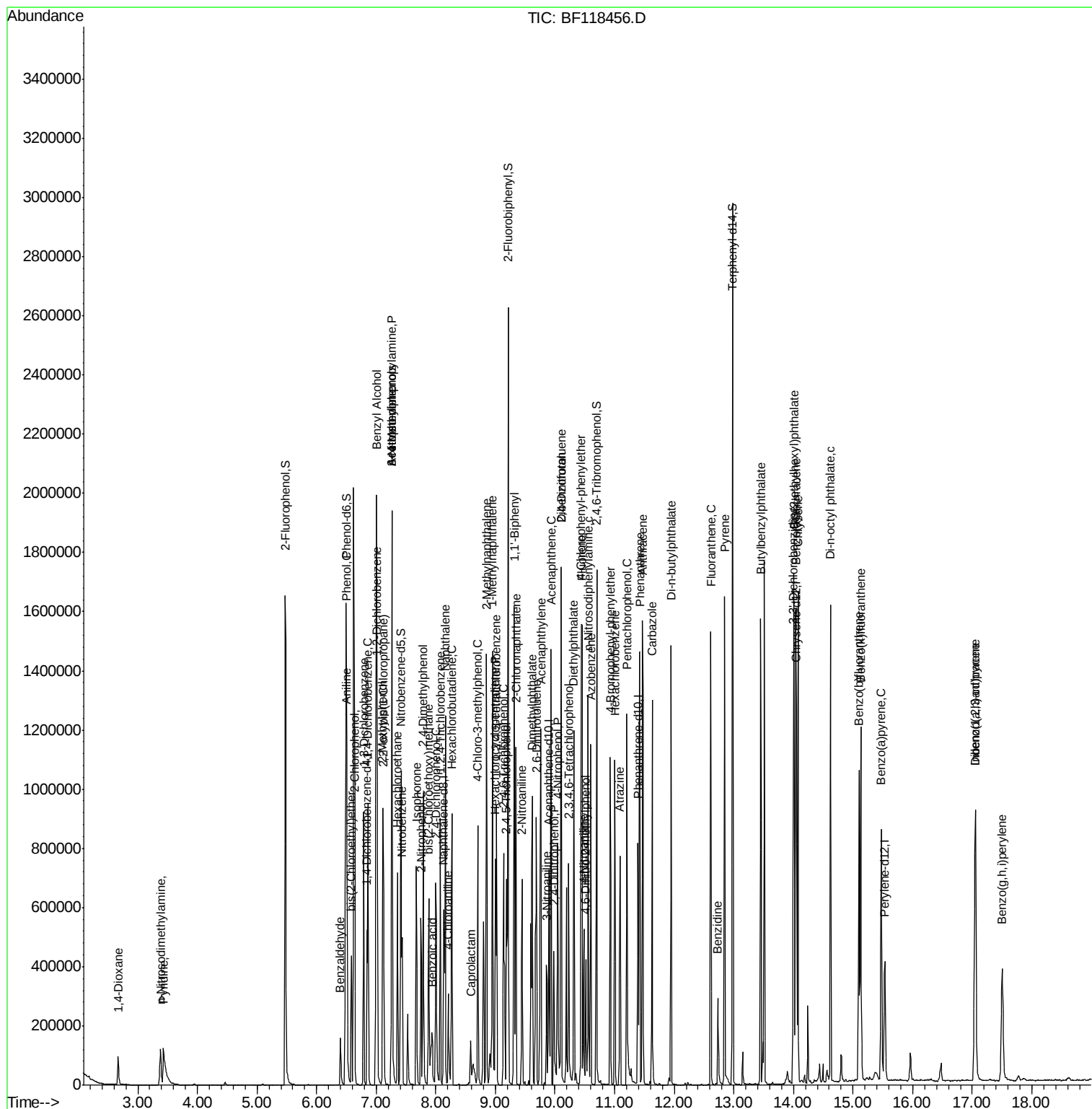
(#) = qualifier out of range (m) = manual integration (+) = signals summed

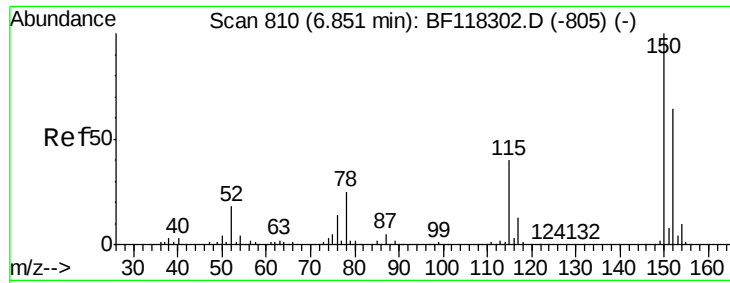
Data File : BF118456.D

```
Acq On       : 3 Jan 2020 12:45
Operator    : JU
Sample      : PB125821BS
Misc       :
ALS Vial    : 3      Sample Multipl
```

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Quant Time: Jan 04 00:02:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



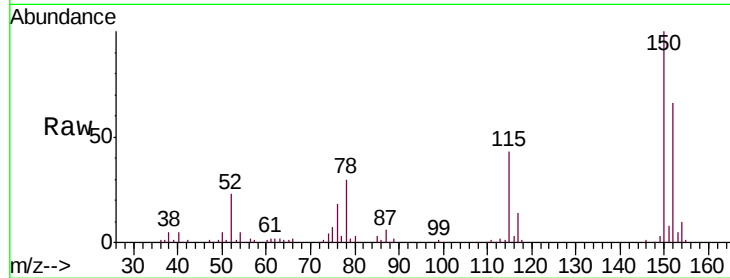


#1

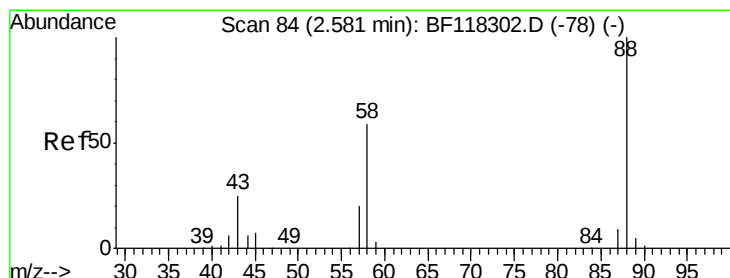
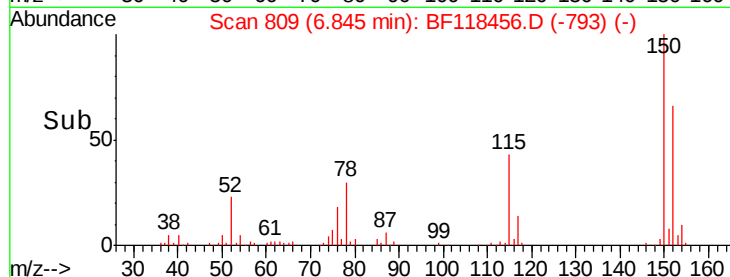
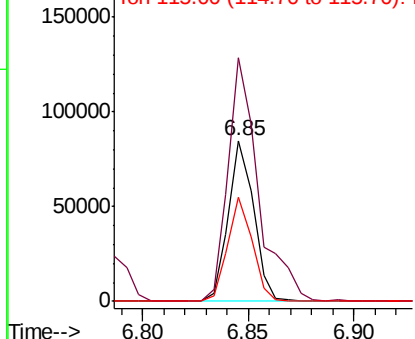
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:152 Resp: 70418
Ion Ratio Lower Upper
152 100
150 151.3 125.4 188.2
115 64.5 50.2 75.4



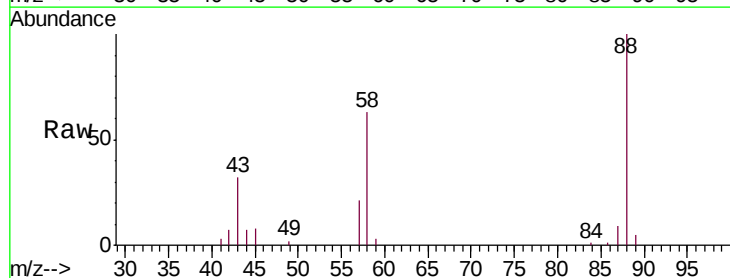
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



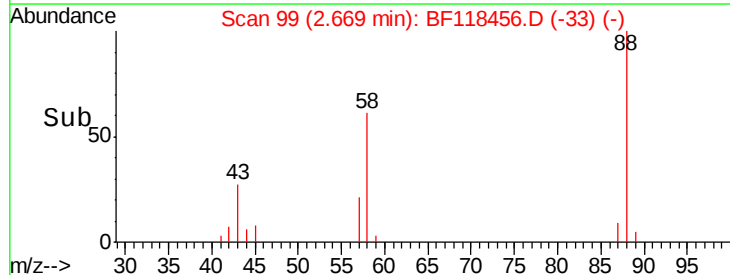
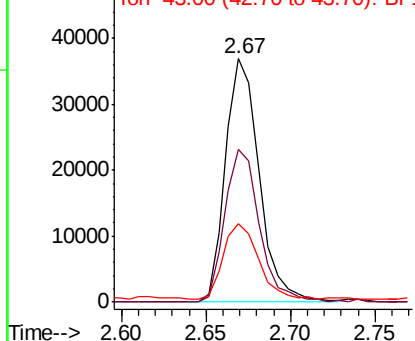
#2

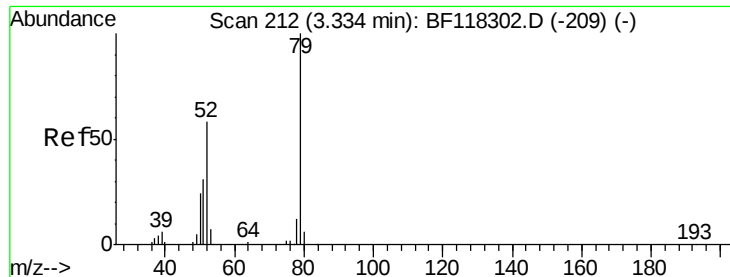
1,4-Dioxane
Concen: 31.433 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.09 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion: 88 Resp: 51548
Ion Ratio Lower Upper
88 100
58 63.8 47.6 71.4
43 32.1 20.6 30.8#



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

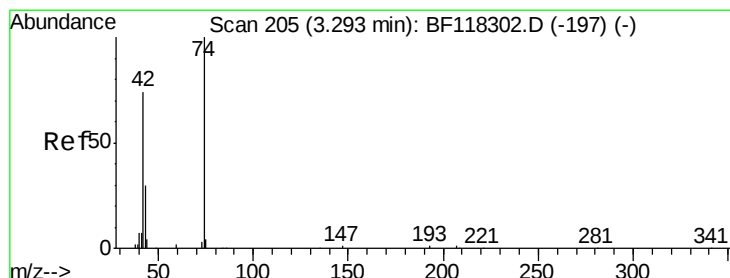
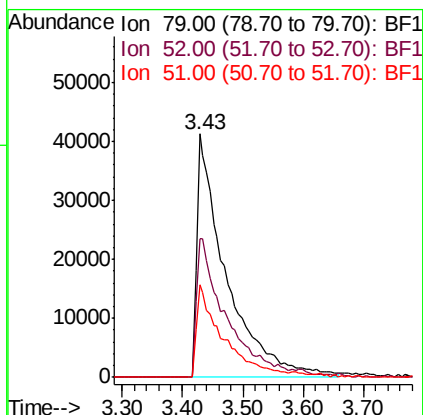
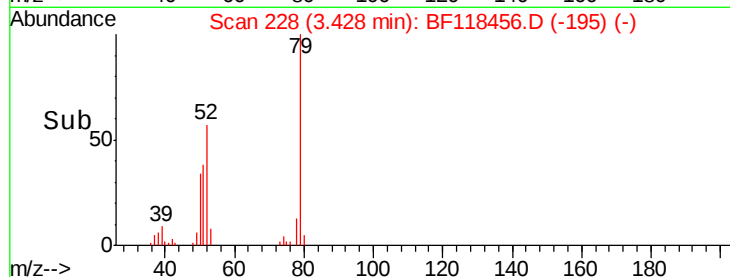
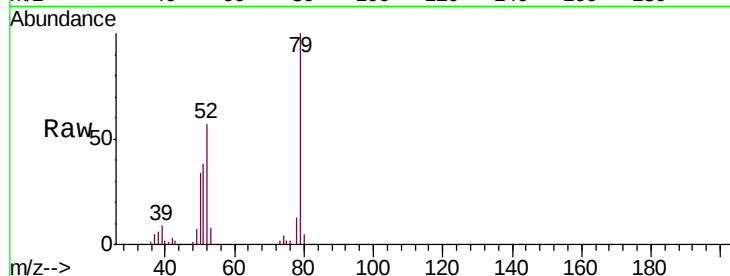




#3
 Pyridine
 Concen: 31.770 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.09 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

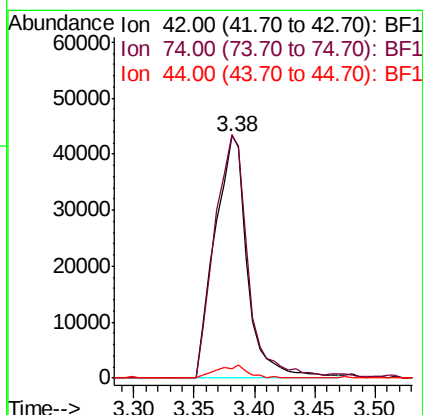
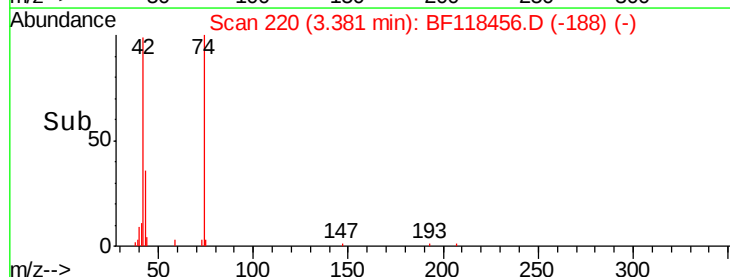
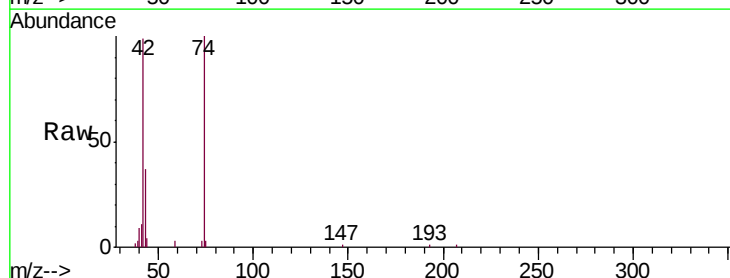
Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

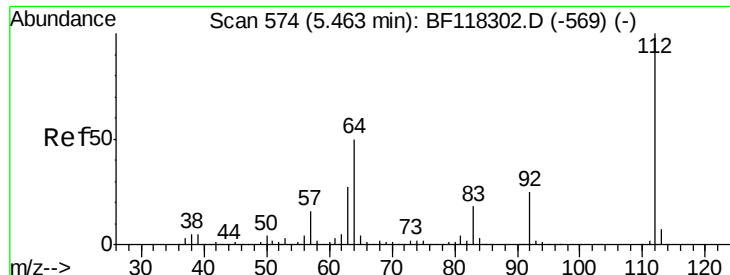
Tgt Ion: 79 Resp: 138810
 Ion Ratio Lower Upper
 79 100
 52 57.1 46.4 69.6
 51 38.2 24.9 37.3#



#4
 n-Nitrosodimethylamine
 Concen: 44.666 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.09 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion: 42 Resp: 80688
 Ion Ratio Lower Upper
 42 100
 74 100.7 107.7 161.5#
 44 4.1 4.8 7.2#





#5

2-Fluorophenol

Concen: 117.074 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

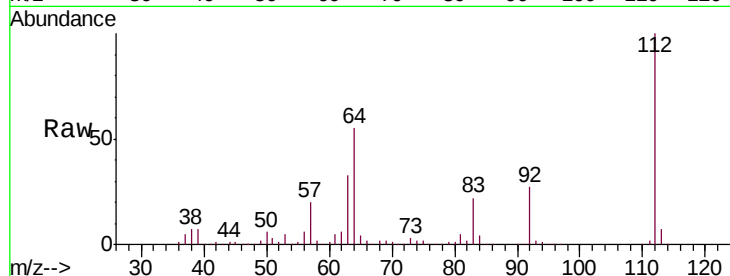
Tgt Ion: 112 Resp: 482964

Ion Ratio Lower Upper

112 100

64 54.7 39.7 59.5

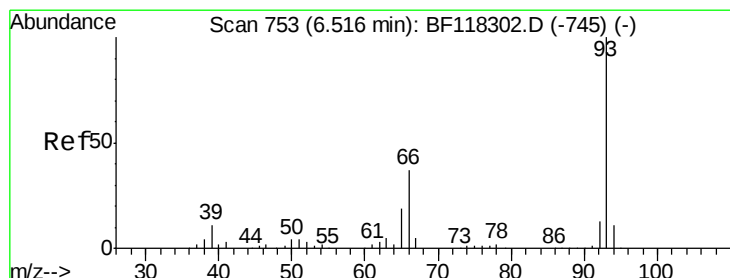
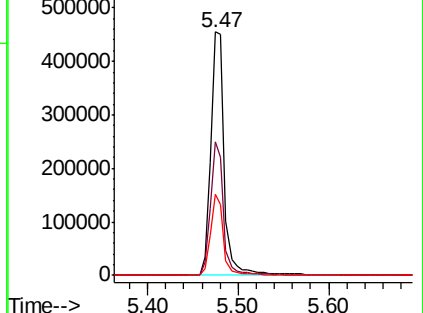
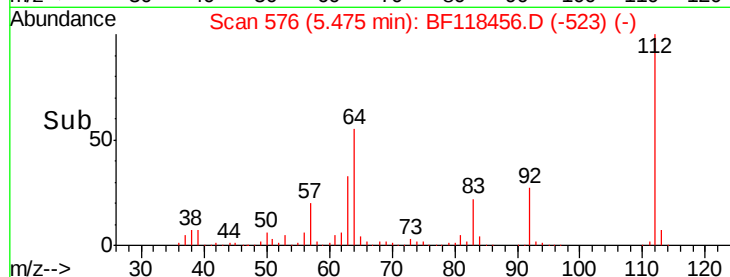
63 33.4 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.619 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

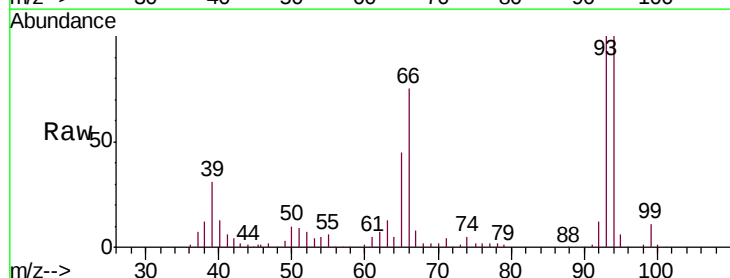
Tgt Ion: 93 Resp: 166481

Ion Ratio Lower Upper

93 100

66 74.6 30.2 45.4#

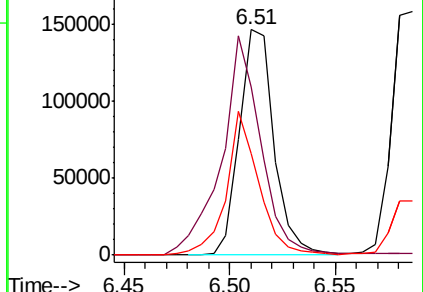
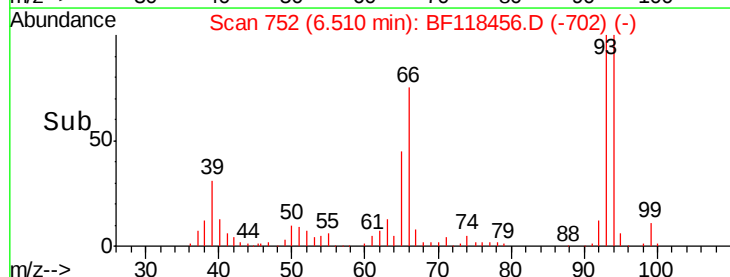
65 45.2 15.7 23.5#

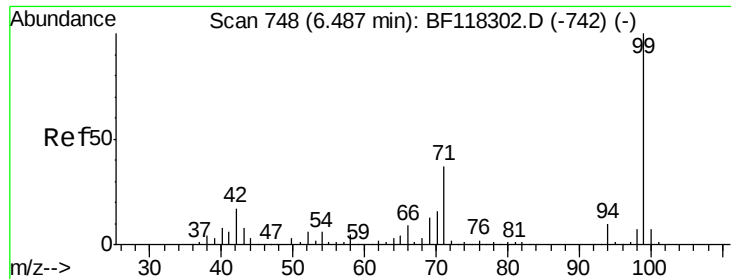


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.238 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

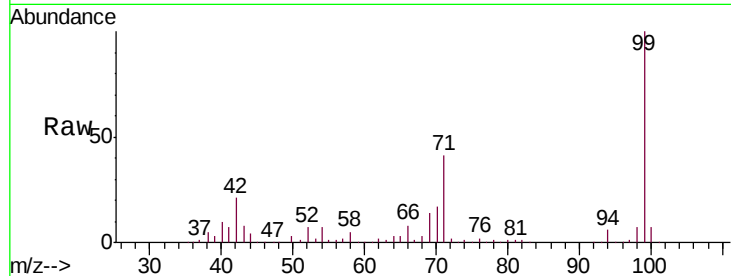
Tgt Ion: 99 Resp: 610200

Ion Ratio Lower Upper

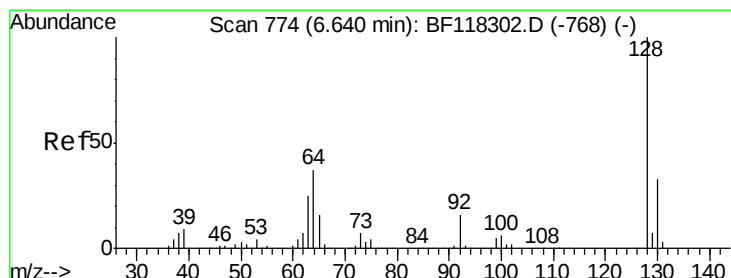
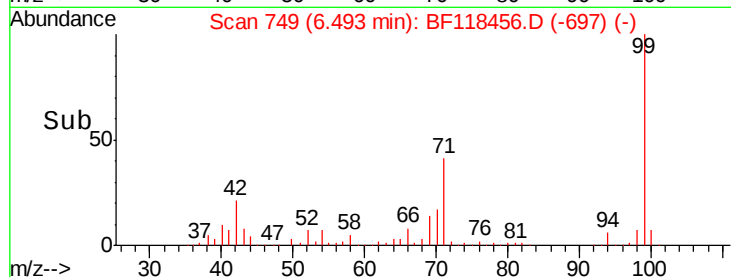
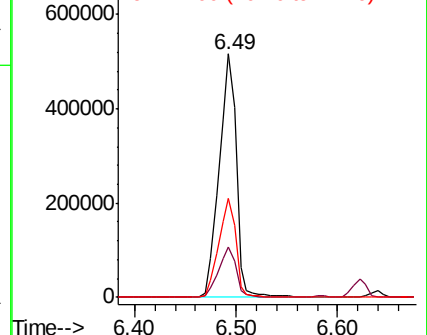
99 100

42 20.6 13.5 20.3#

71 40.6 29.4 44.2



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: 38.352 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

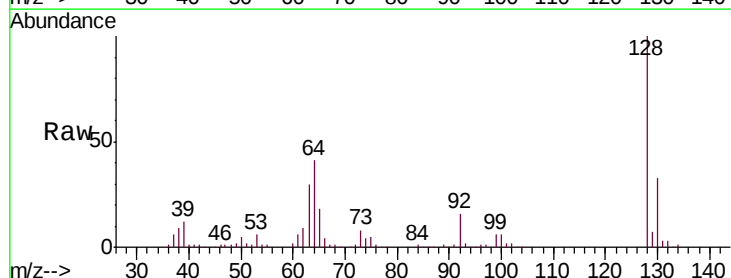
Tgt Ion:128 Resp: 179187

Ion Ratio Lower Upper

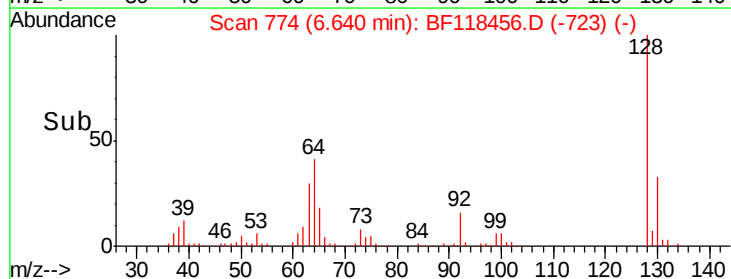
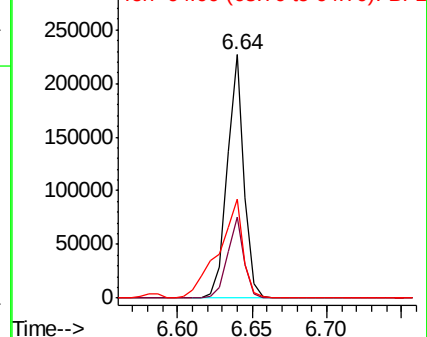
128 100

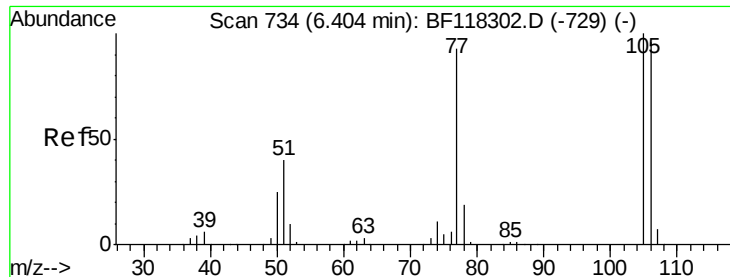
130 33.3 13.2 53.2

64 40.8 17.7 57.7



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: 12.339 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

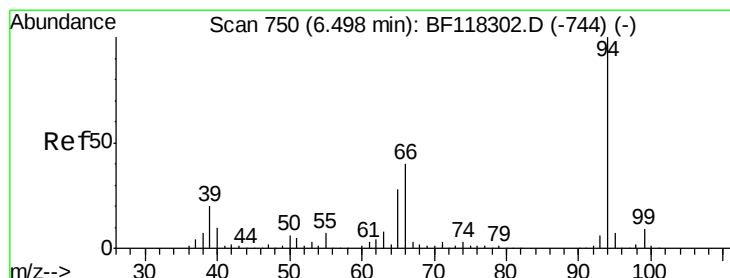
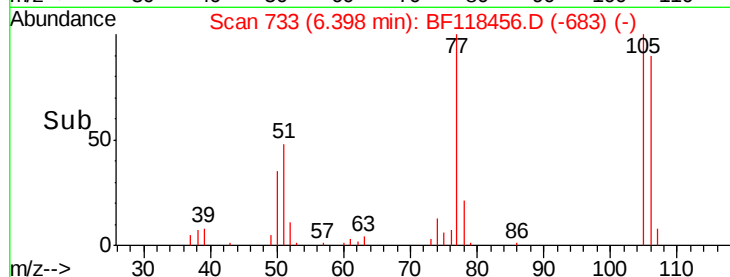
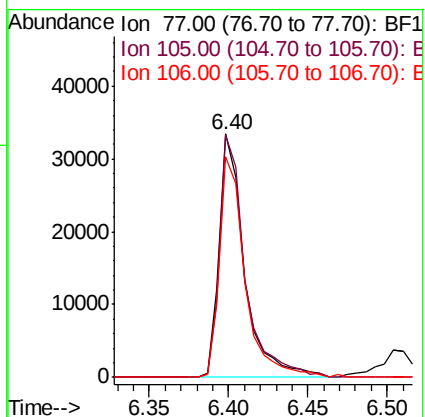
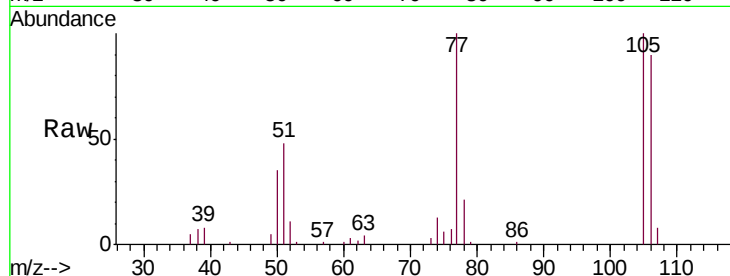
Tgt Ion: 77 Resp: 37020

Ion Ratio Lower Upper

77 100

105 99.8 87.5 127.5

106 90.4 83.6 123.6



#10

Phenol

Concen: 37.283 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

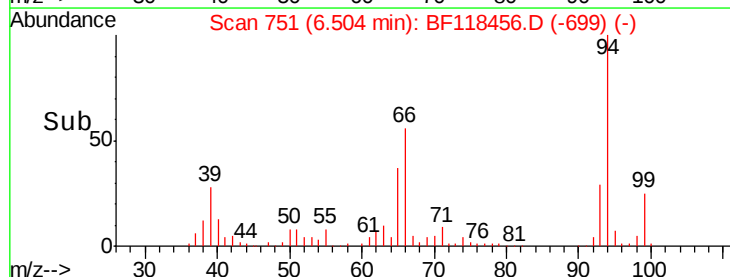
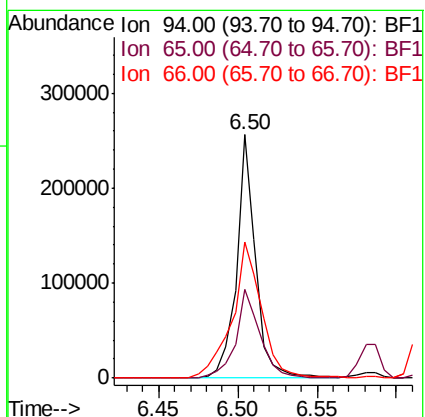
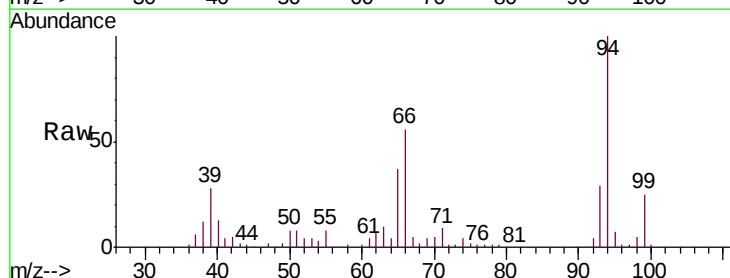
Tgt Ion: 94 Resp: 214450

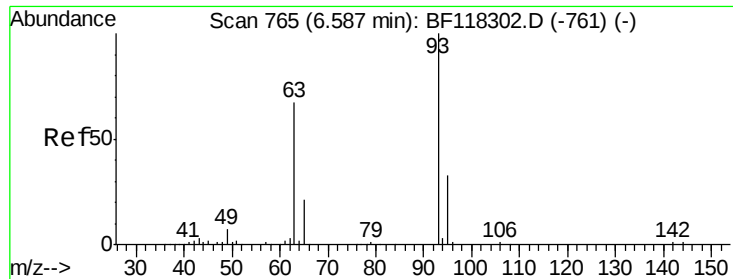
Ion Ratio Lower Upper

94 100

65 36.6 7.8 47.8

66 55.7 20.4 60.4

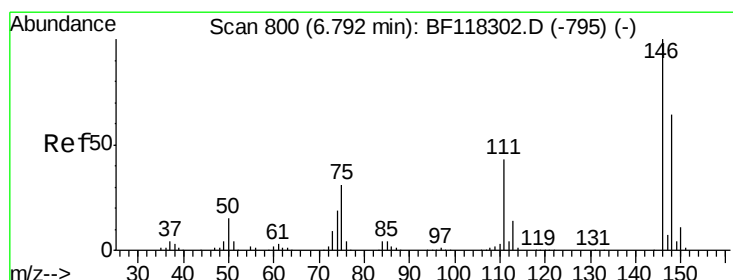
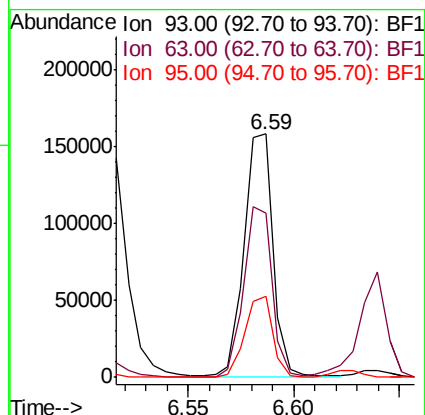
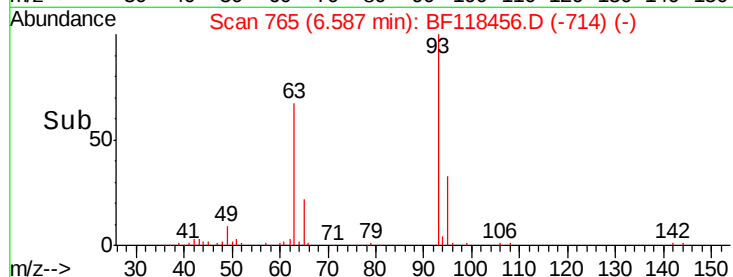
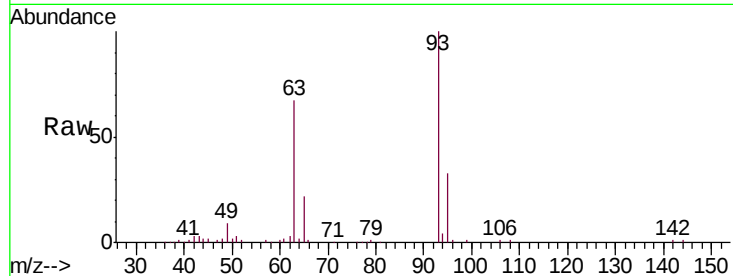




#11
bis(2-Chloroethyl)ether
Concen: 36.958 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

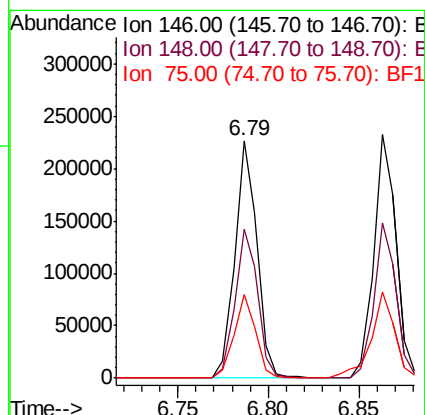
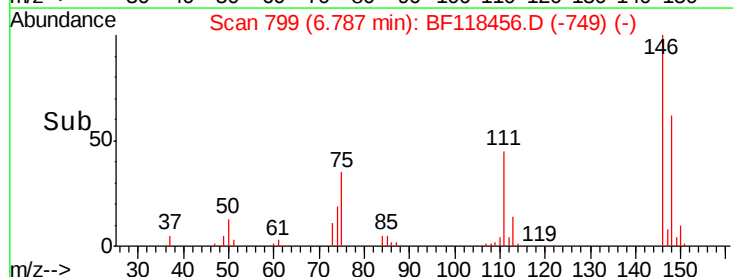
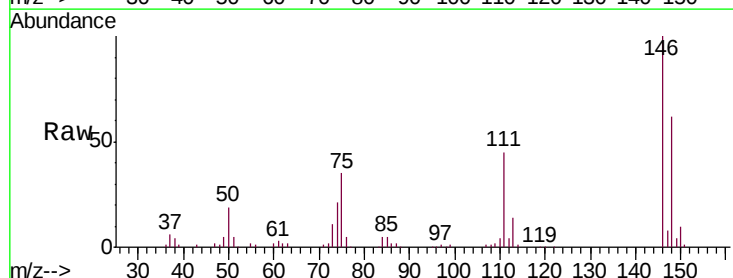
Instrument :
BNA_F
ClientSampleId :
PB125821BS

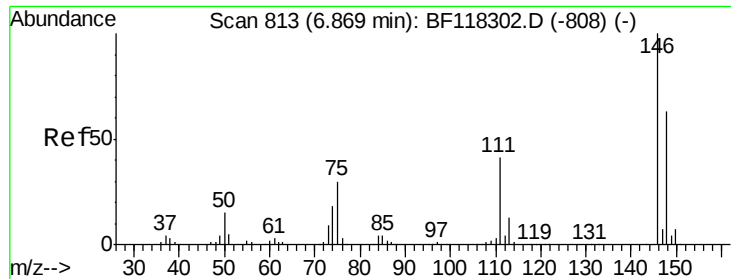
Tgt Ion: 93 Resp: 152029
Ion Ratio Lower Upper
93 100
63 67.5 47.0 87.0
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.820 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion: 146 Resp: 192741
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.0
75 35.1 24.4 36.6

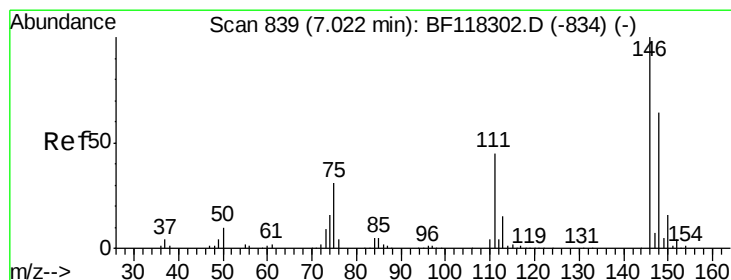
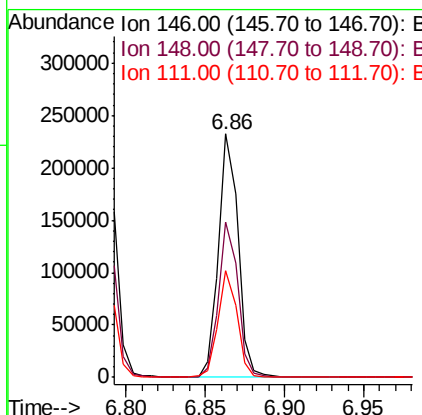
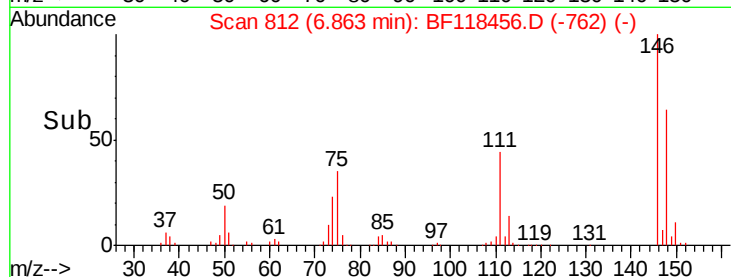
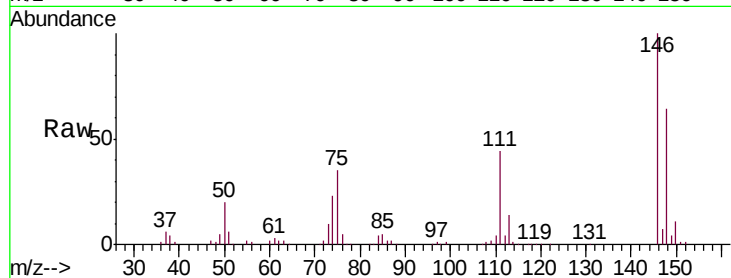




#13
 1,4-Dichlorobenzene
 Concen: 36.694 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

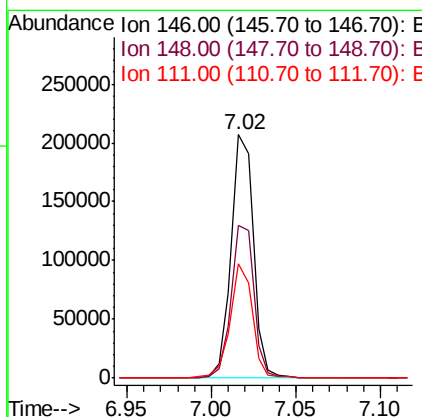
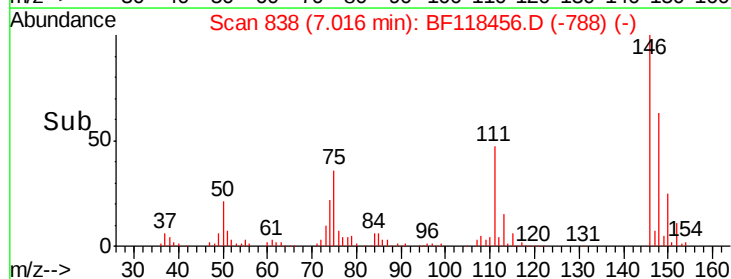
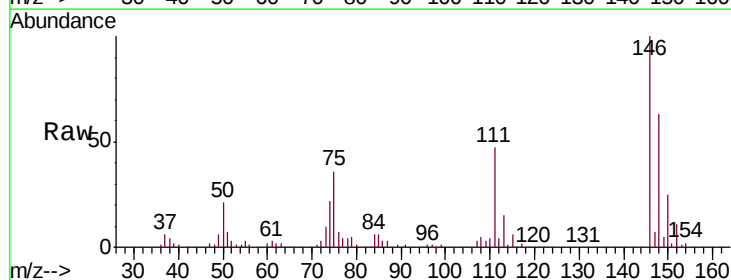
Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

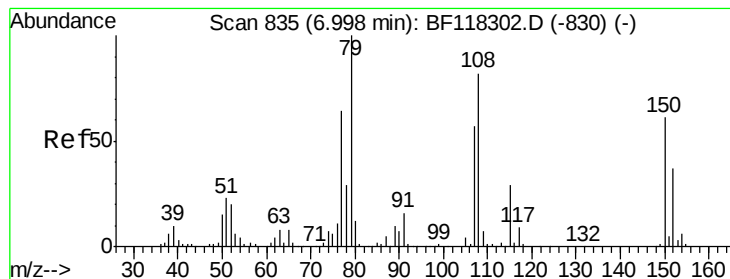
Tgt Ion:146 Resp: 200553
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 43.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 36.717 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion:146 Resp: 189462
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.3 76.9
 111 47.1 35.7 53.5





#15

Benzyl Alcohol

Concen: 41.176 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

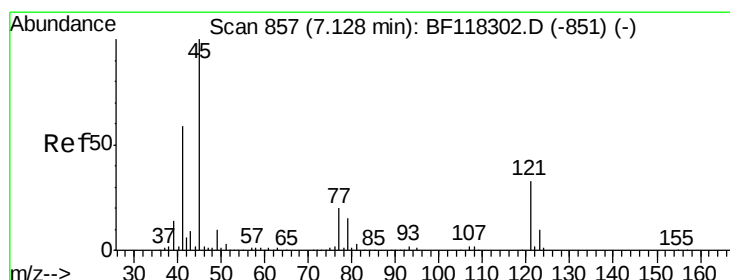
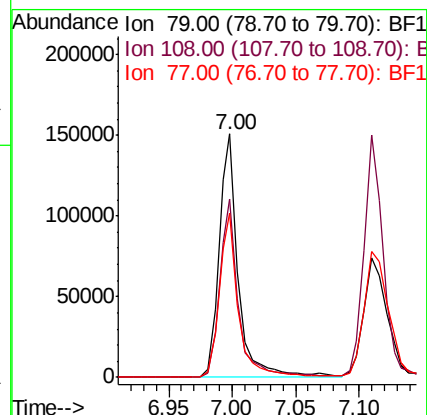
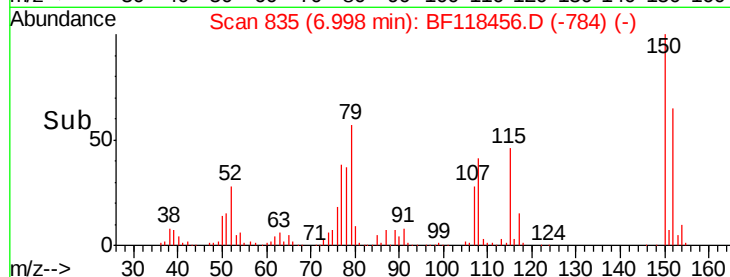
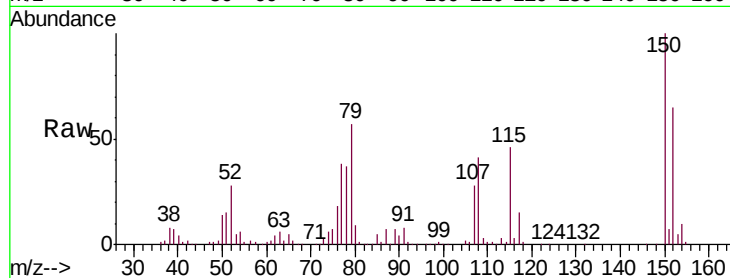
Tgt Ion: 79 Resp: 160439

Ion Ratio Lower Upper

79 100

108 73.1 65.4 98.0

77 67.6 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.381 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

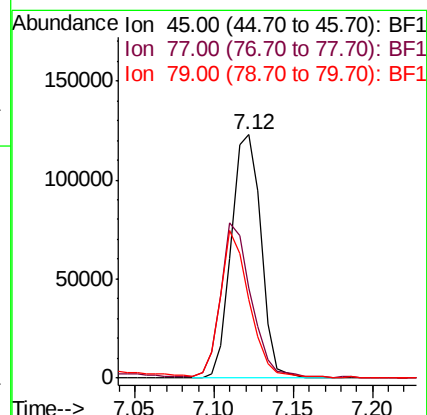
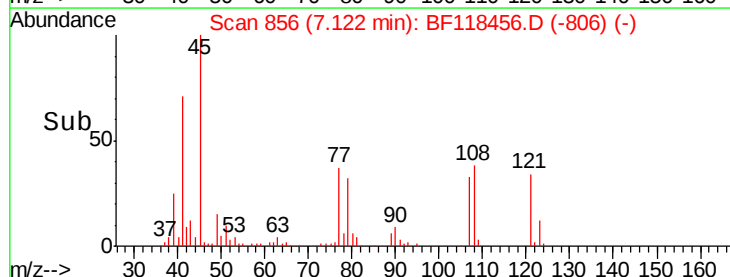
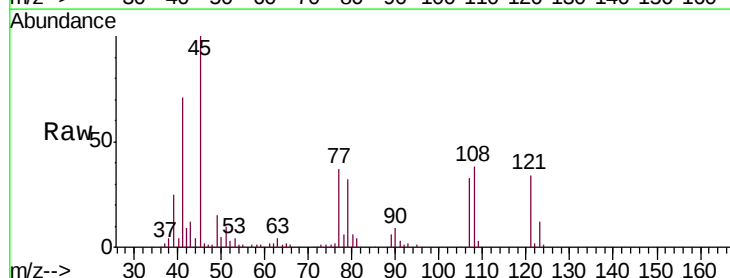
Tgt Ion: 45 Resp: 159695

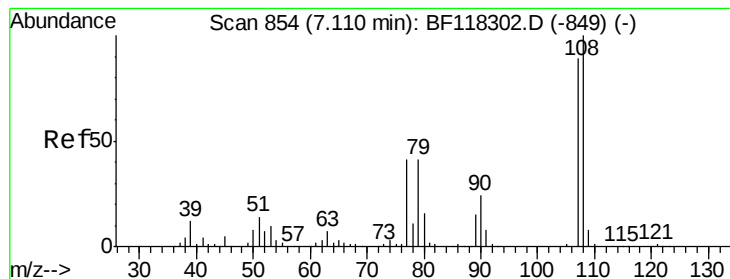
Ion Ratio Lower Upper

45 100

77 36.8 1.2 41.2

79 32.2 0.0 37.0





#17

2-Methylphenol

Concen: 37.457 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

Tgt Ion:107 Resp: 140365

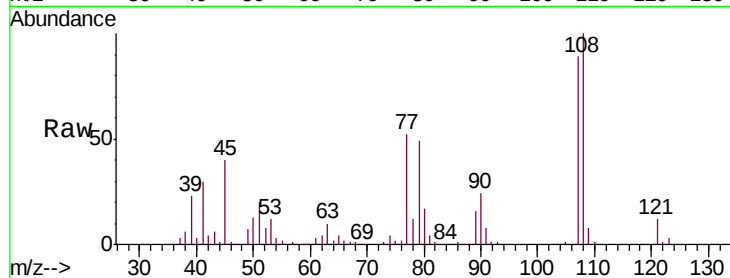
Ion Ratio Lower Upper

107 100

108 112.3 89.7 134.5

77 58.4 37.2 55.8#

79 55.5 36.7 55.1#



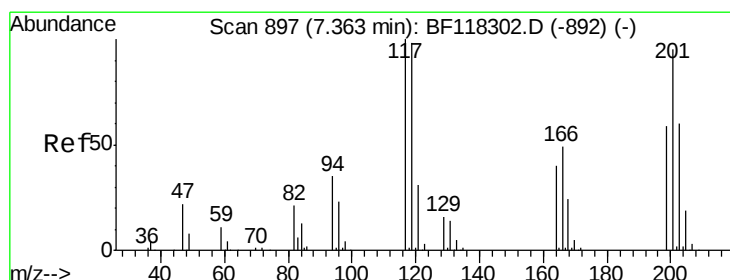
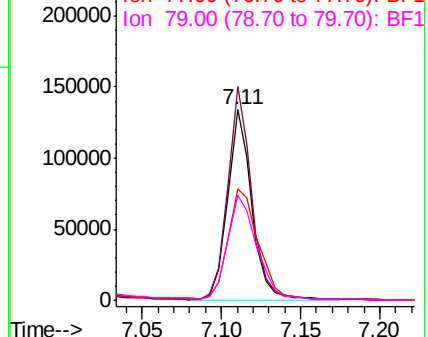
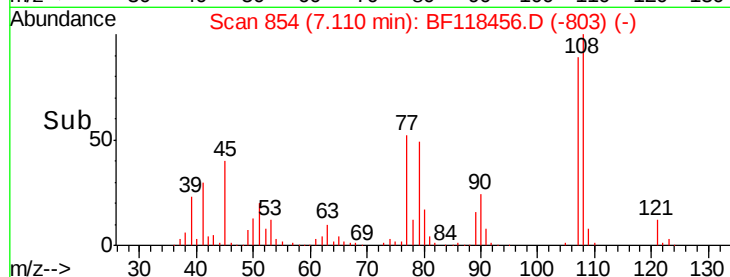
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.850 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

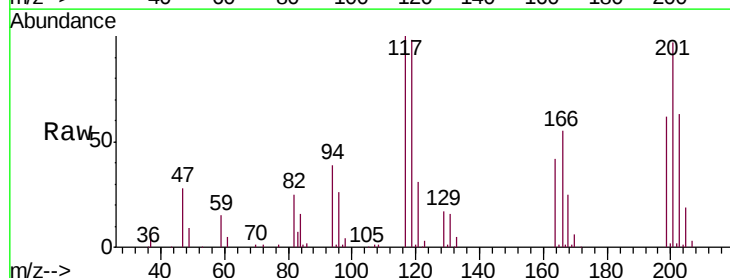
Tgt Ion:117 Resp: 73917

Ion Ratio Lower Upper

117 100

119 97.8 78.0 117.0

201 96.6 76.2 114.2

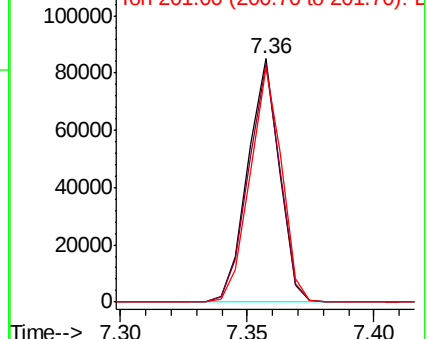
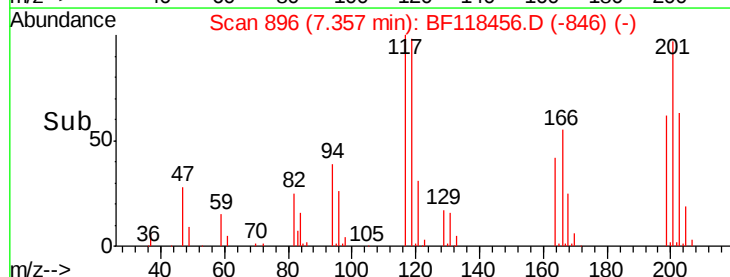


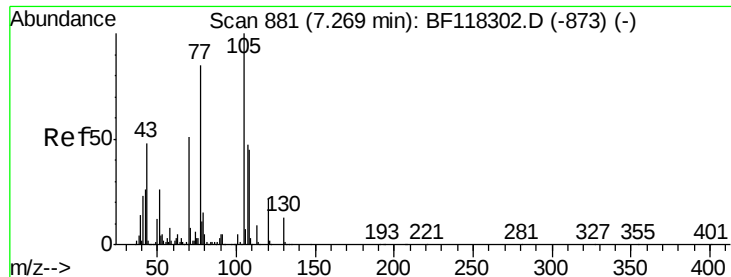
Abundance

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

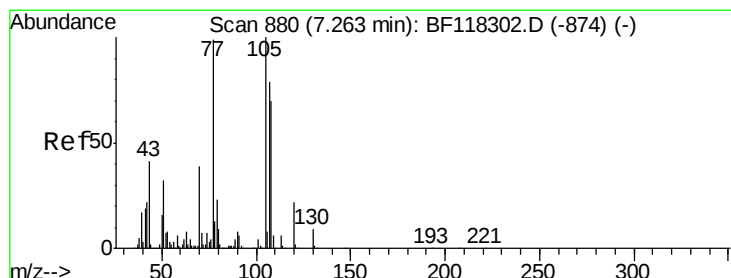
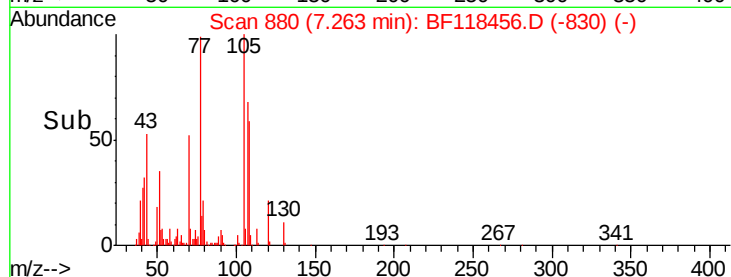
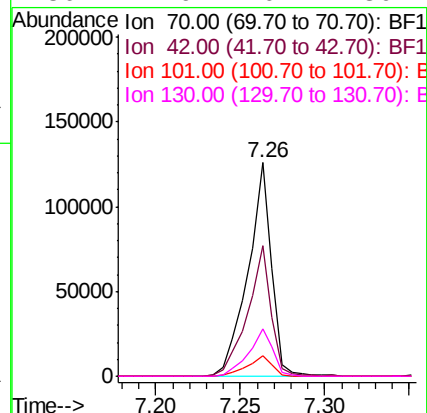
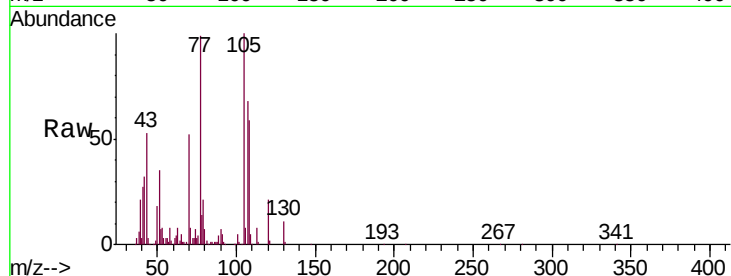




#19
n-Nitroso-di-n-propylamine
Concen: 39.056 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

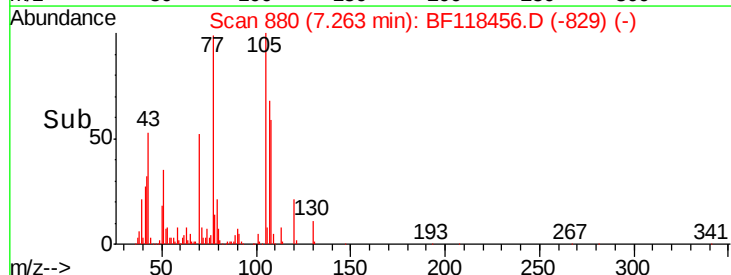
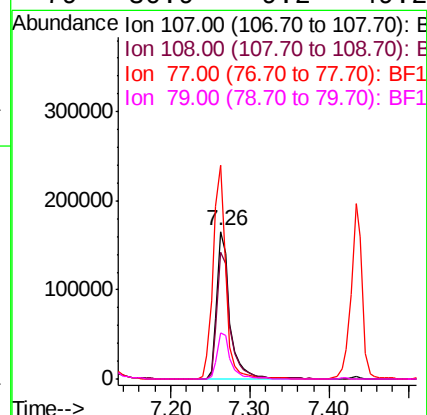
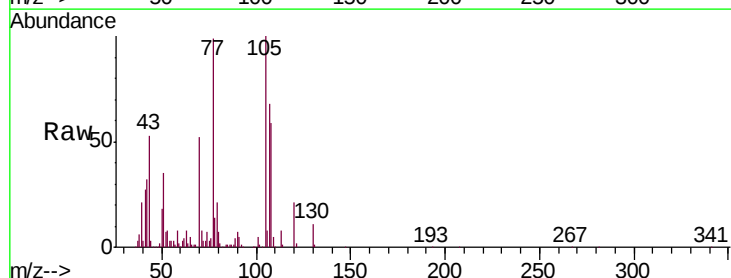
Instrument :
BNA_F
ClientSampleId :
PB125821BS

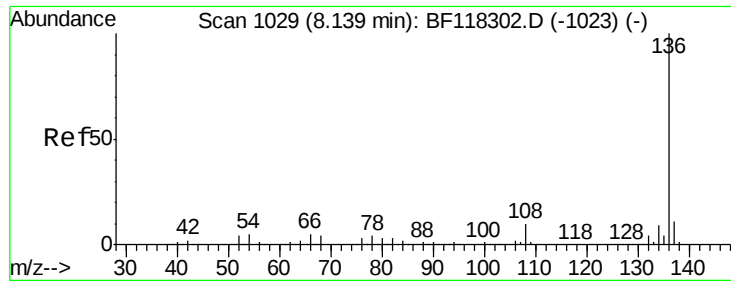
Tgt Ion:	70	Resp:	123126
Ion	Ratio	Lower	Upper
70	100		
42	61.2	41.1	61.7
101	9.4	8.3	12.5
130	21.9	20.1	30.1



#20
3+4-Methylphenols
Concen: 39.455 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:	107	Resp:	189230
Ion	Ratio	Lower	Upper
107	100		
108	86.0	69.3	109.3
77	144.9	105.9	145.9
79	30.9	9.2	49.2

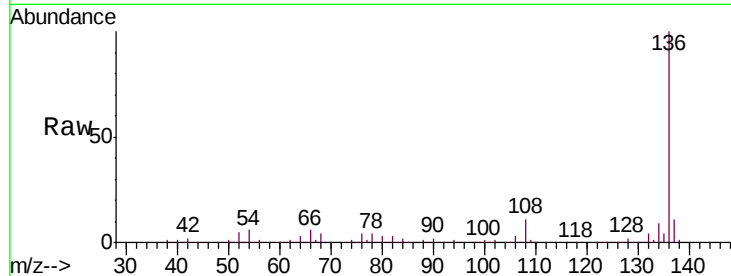




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:	136	Resp:	275502
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.0	4.2	6.4
68	4.1	3.5	5.3



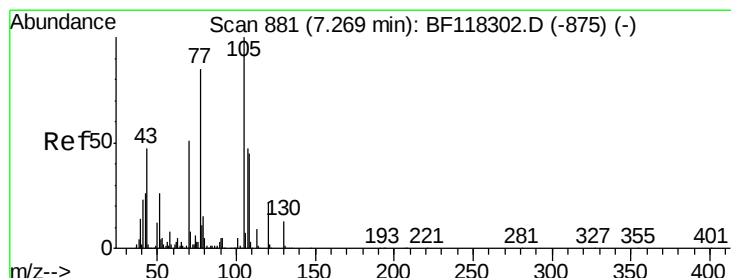
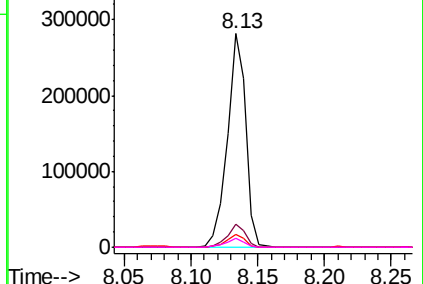
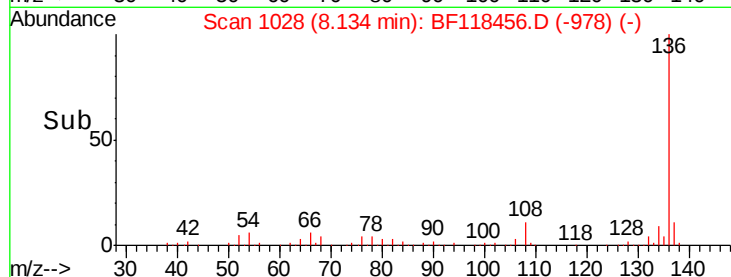
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

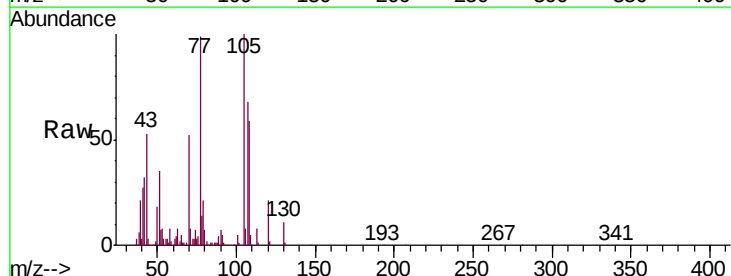
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.516 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:	105	Resp:	260073
Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.6	9.8
51	35.3	20.6	30.8#
120	20.8	18.0	27.0



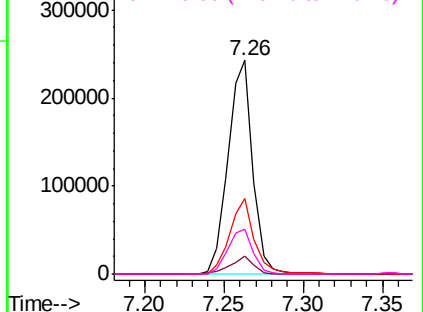
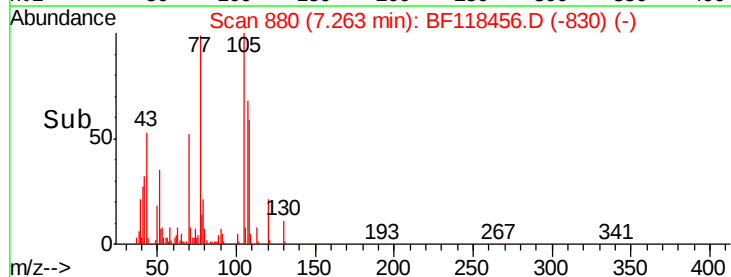
Abundance

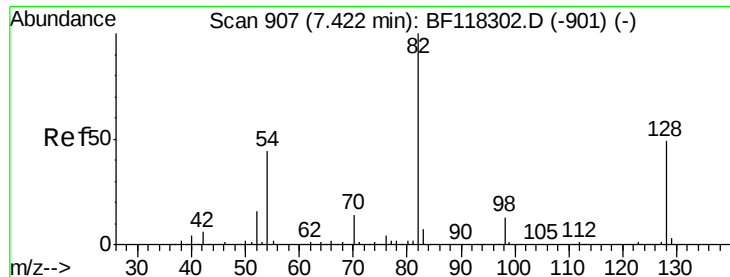
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

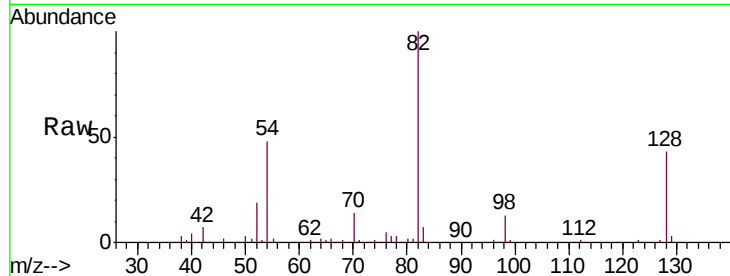




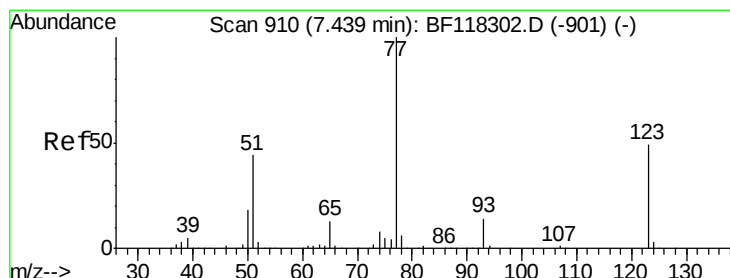
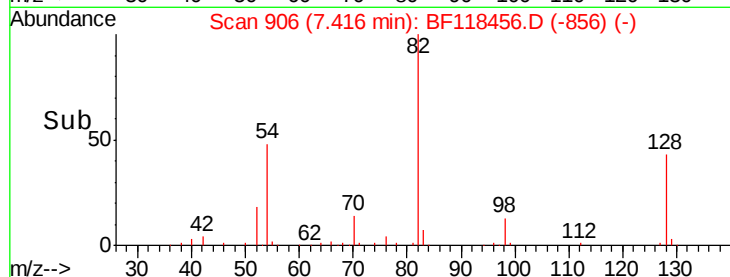
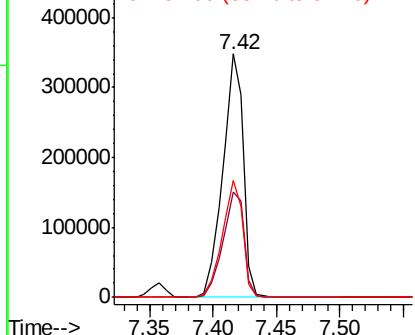
#23
 Nitrobenzene-d5
 Concen: 80.762 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion: 82 Resp: 389022
 Ion Ratio Lower Upper
 82 100
 128 43.2 39.6 59.4
 54 48.1 34.9 52.3

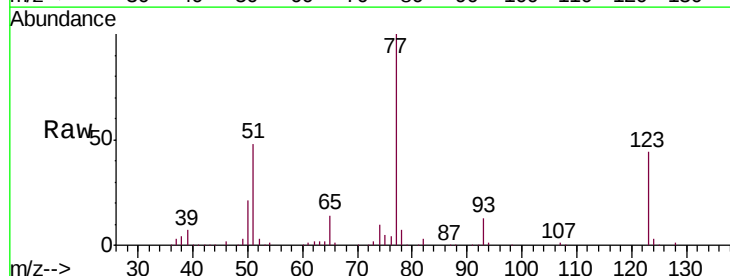


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

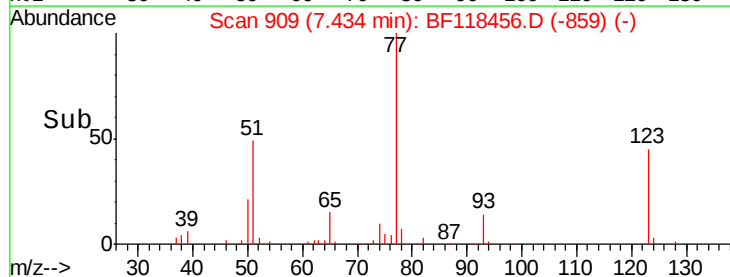
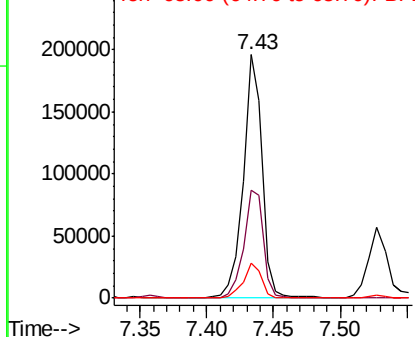


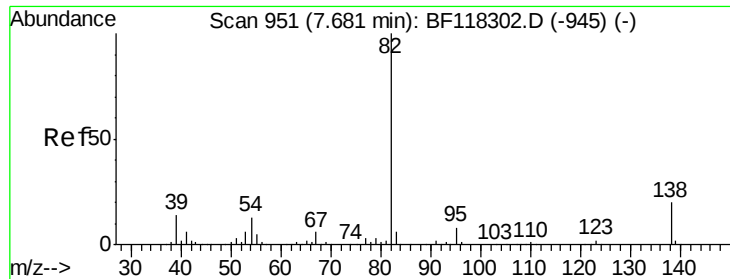
#24
 Nitrobenzene
 Concen: 39.582 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion: 77 Resp: 190993
 Ion Ratio Lower Upper
 77 100
 123 44.4 39.1 58.7
 65 14.3 10.6 16.0



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: 38.358 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

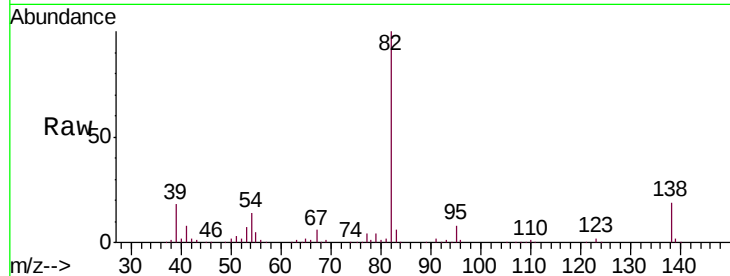
Tgt Ion: 82 Resp: 322006

Ion Ratio Lower Upper

82 100

95 8.5 6.3 9.5

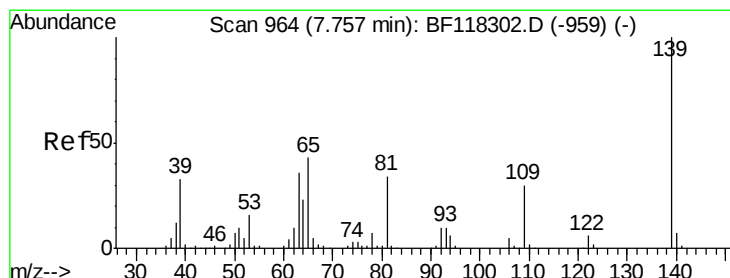
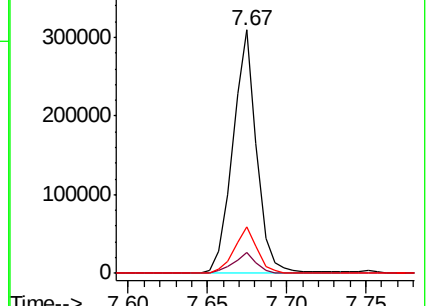
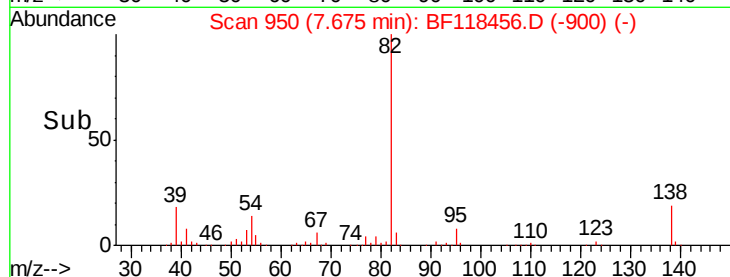
138 19.2 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.209 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

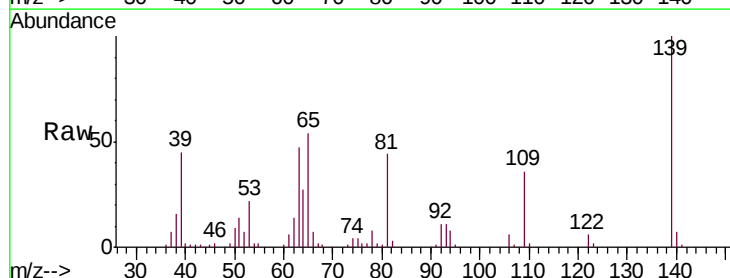
Tgt Ion: 139 Resp: 97654

Ion Ratio Lower Upper

139 100

109 35.7 24.1 36.1

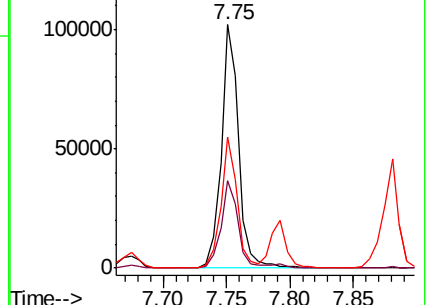
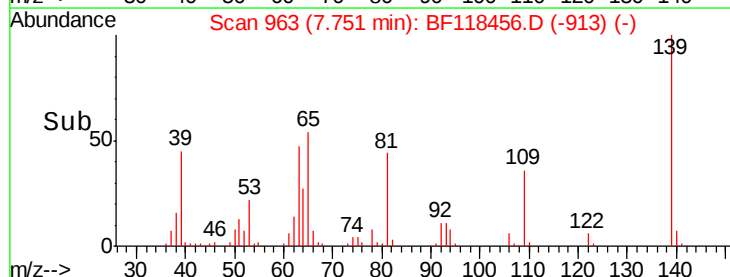
65 53.9 34.6 52.0#

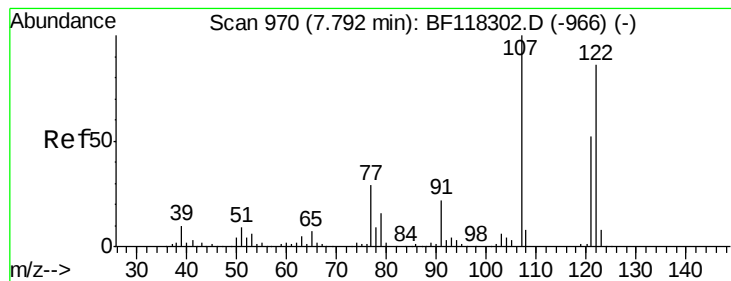


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.162 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

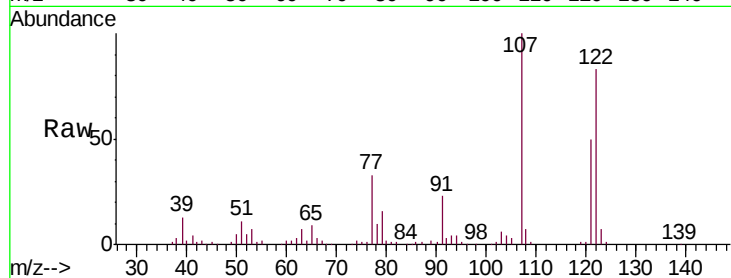
Tgt Ion:122 Resp: 150508

Ion Ratio Lower Upper

122 100

107 120.5 92.9 139.3

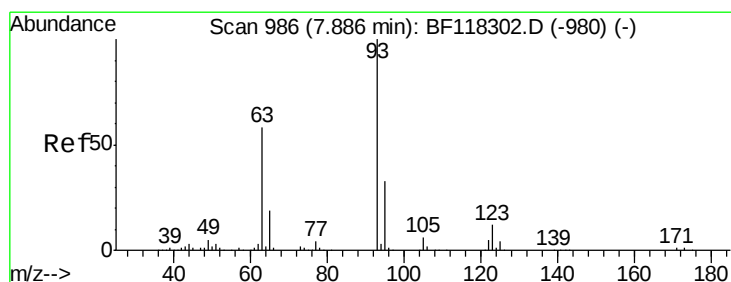
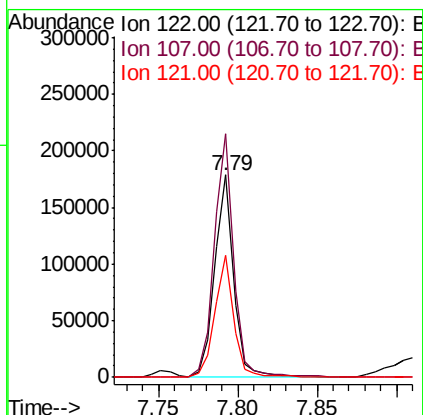
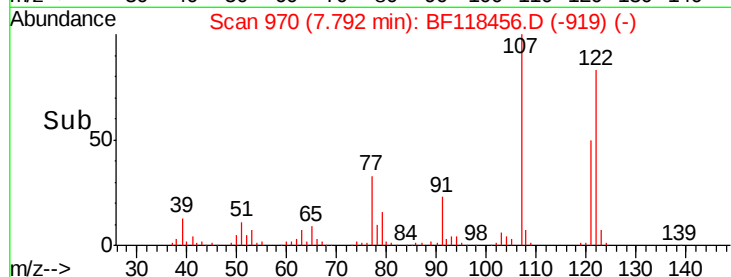
121 60.1 47.9 71.9



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: 35.477 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

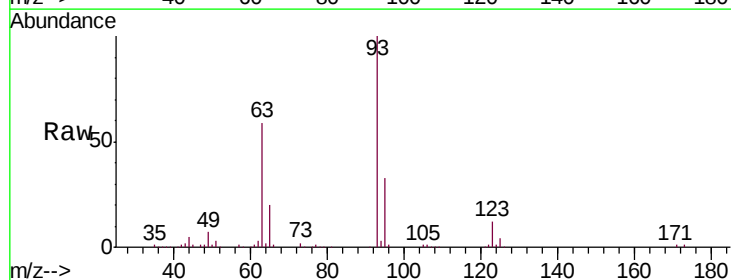
Tgt Ion: 93 Resp: 194778

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

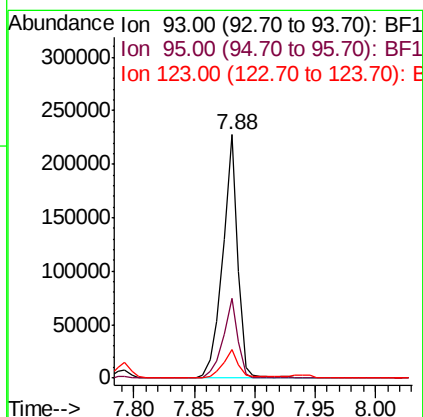
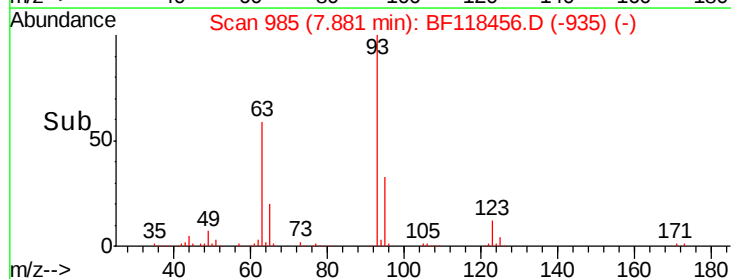
123 11.6 9.8 14.8

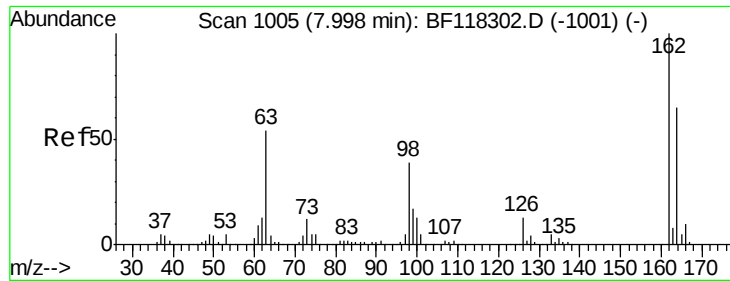


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

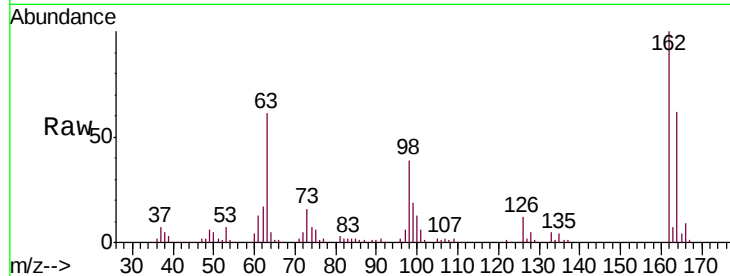




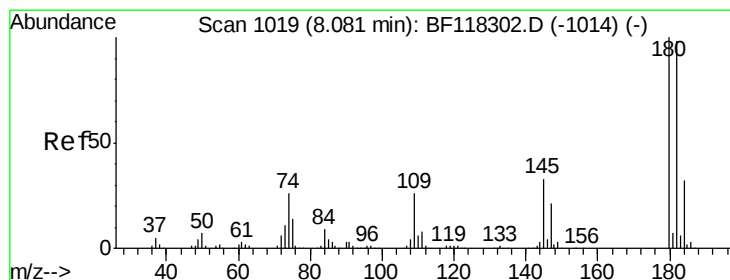
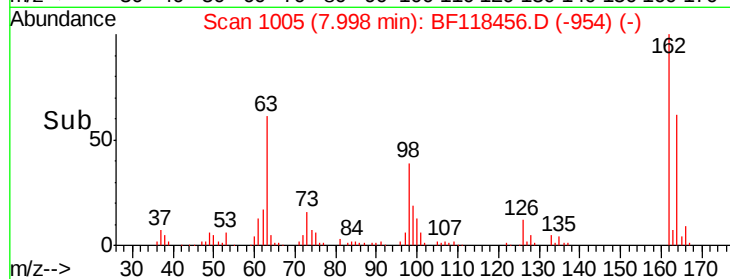
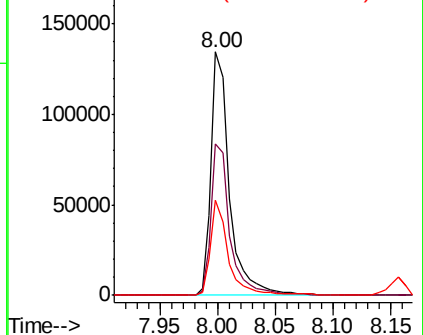
#29
 2,4-Dichlorophenol
 Concen: 37.409 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:162 Resp: 150143
 Ion Ratio Lower Upper
 162 100
 164 62.0 45.1 85.1
 98 39.1 18.6 58.6

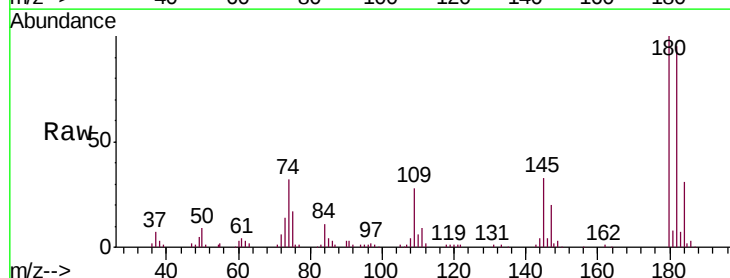


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

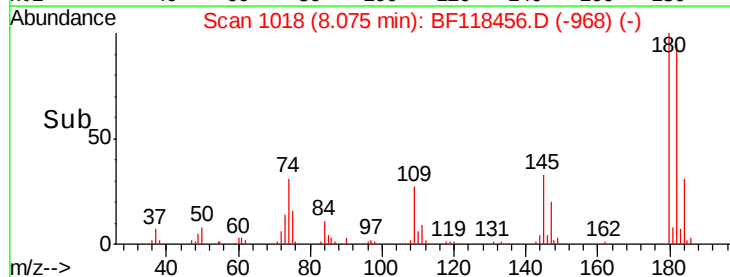
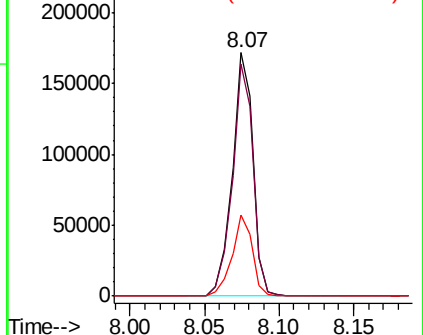


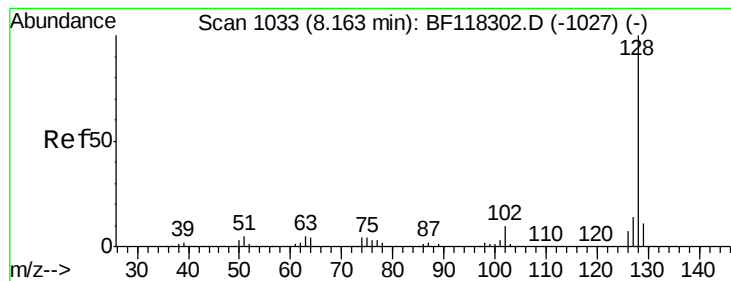
#30
 1,2,4-Trichlorobenzene
 Concen: 36.085 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion:180 Resp: 168710
 Ion Ratio Lower Upper
 180 100
 182 95.1 78.3 117.5
 145 33.5 26.7 40.1



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





#31

Naphthalene

Concen: 37.933 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

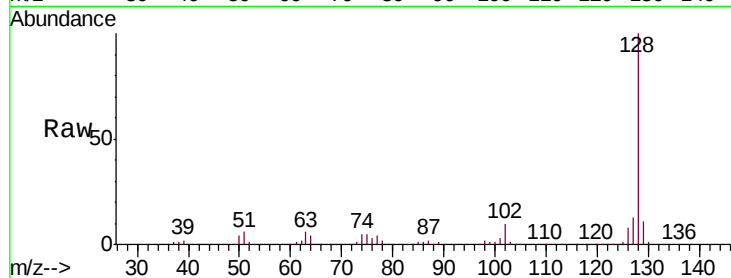
Tgt Ion:128 Resp: 531166

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

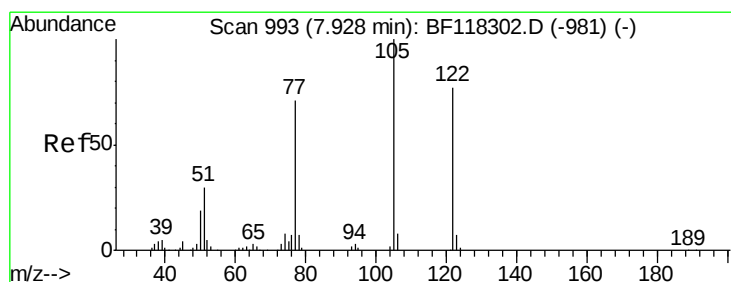
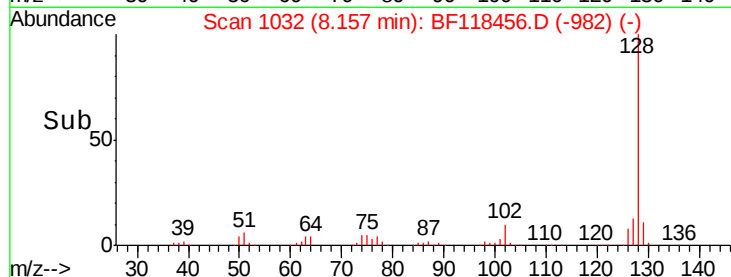
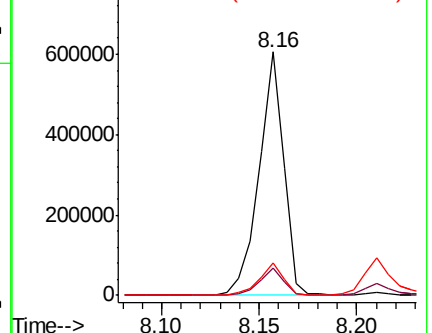
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.333 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

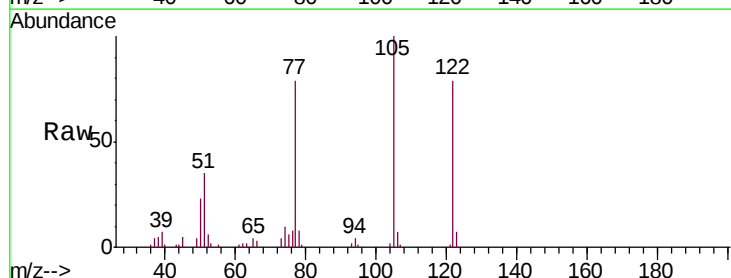
Tgt Ion:122 Resp: 89022

Ion Ratio Lower Upper

122 100

105 126.9 106.8 146.8

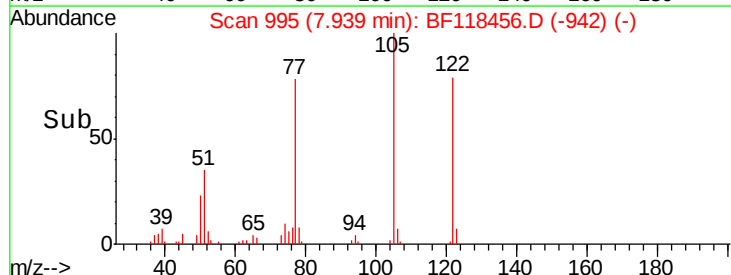
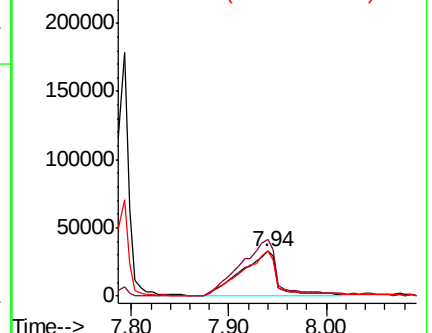
77 100.6 70.4 110.4

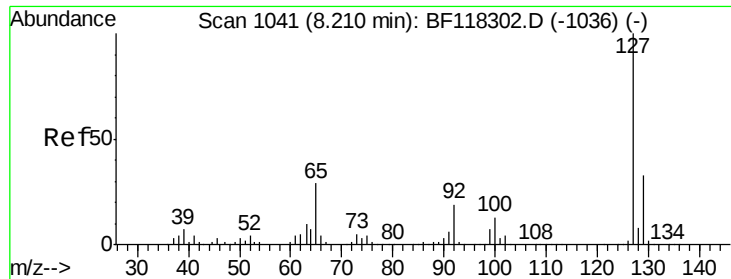


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

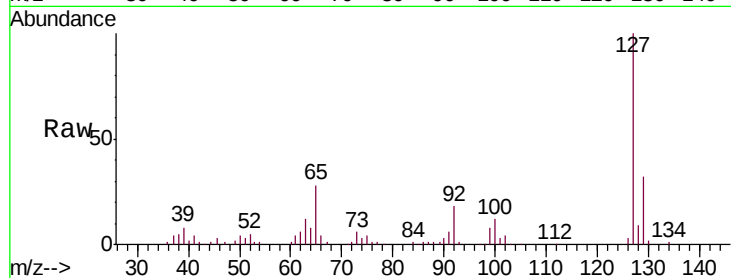




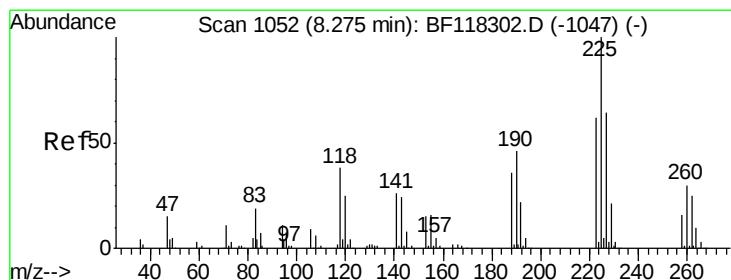
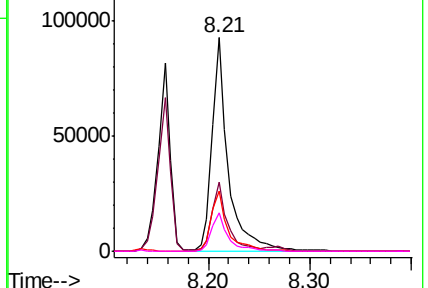
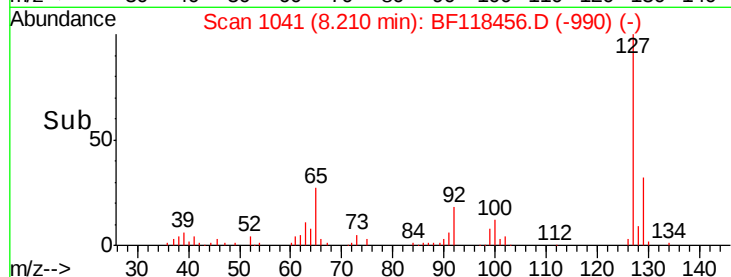
#33
4-Chloroaniline
Concen: 17.318 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:	127	Resp:	103956
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	28.3	22.8	34.2
92	18.2	15.5	23.3

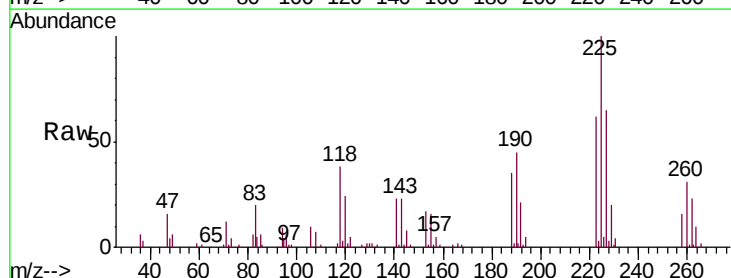


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

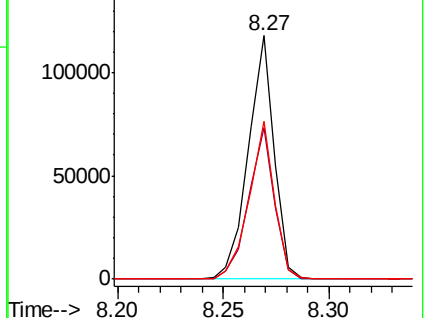
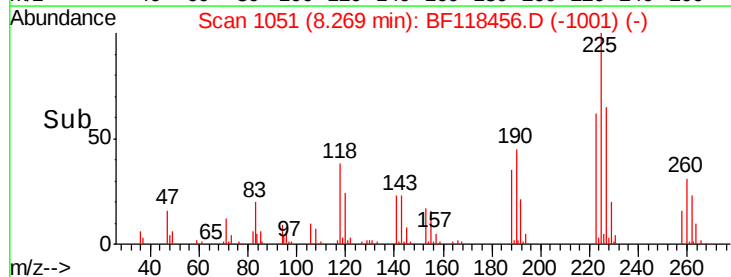


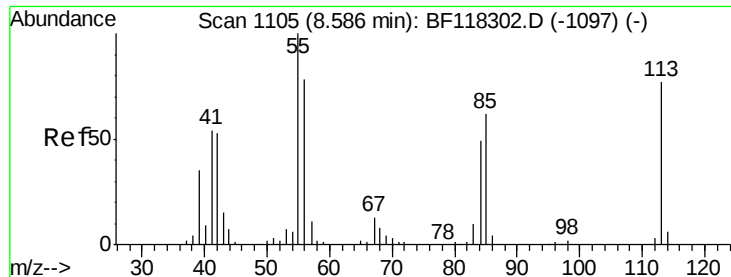
#34
Hexachlorobutadiene
Concen: 36.182 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:	225	Resp:	100699
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.5	74.3
227	64.8	51.0	76.4



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

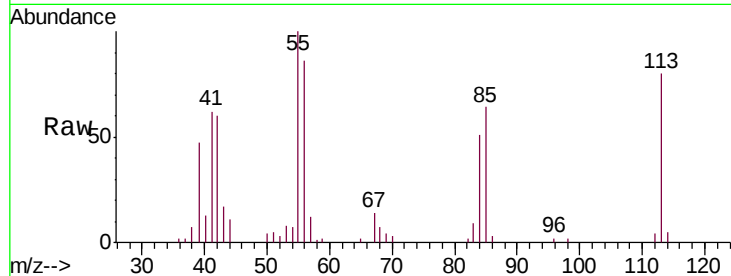




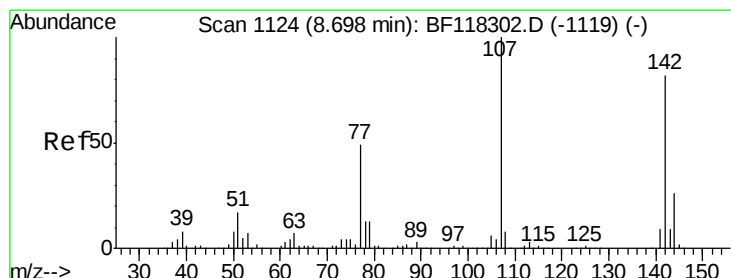
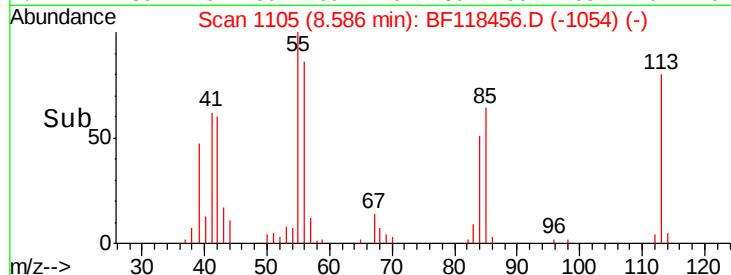
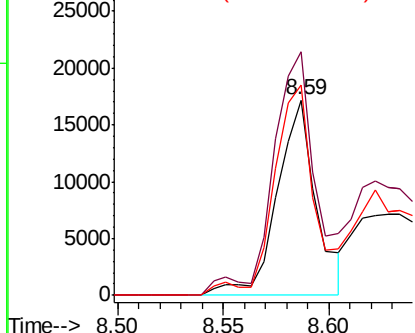
#35
 Caprolactam
 Concen: 17.678 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:113 Resp: 22152
 Ion Ratio Lower Upper
 113 100
 55 124.7 109.8 149.8
 56 107.6 81.7 121.7

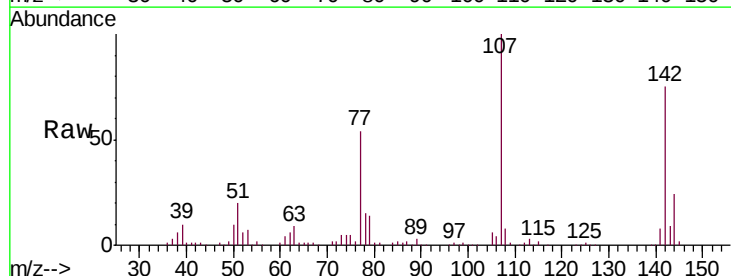


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

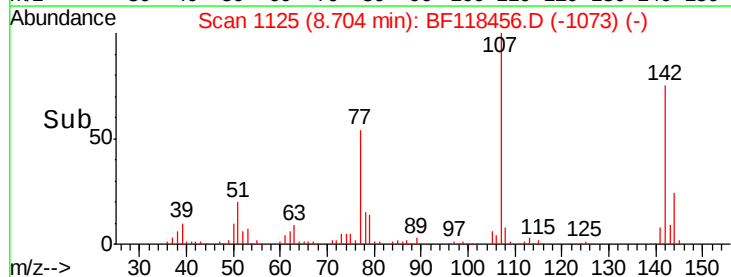
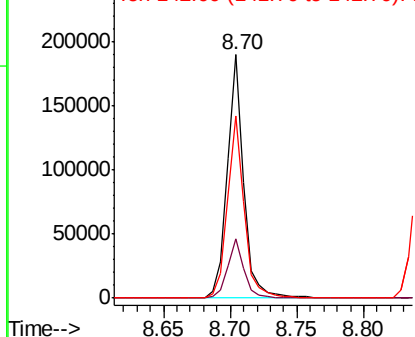


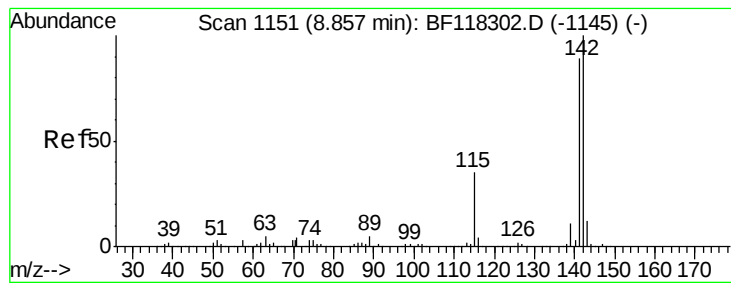
#36
 4-Chloro-3-methylphenol
 Concen: 38.622 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion:107 Resp: 166430
 Ion Ratio Lower Upper
 107 100
 144 24.2 21.2 31.8
 142 74.7 65.4 98.2



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

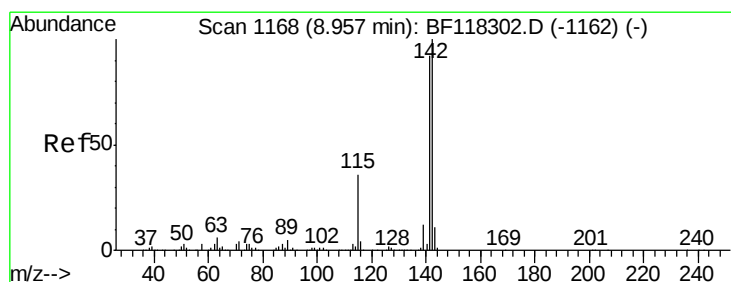
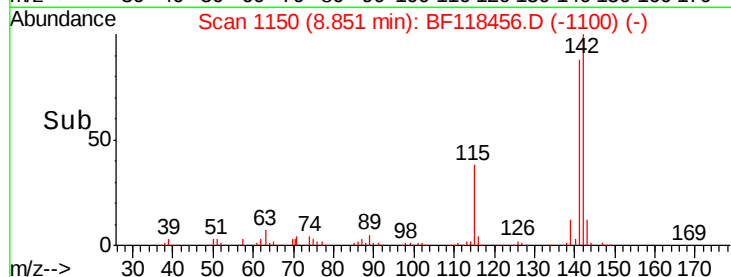
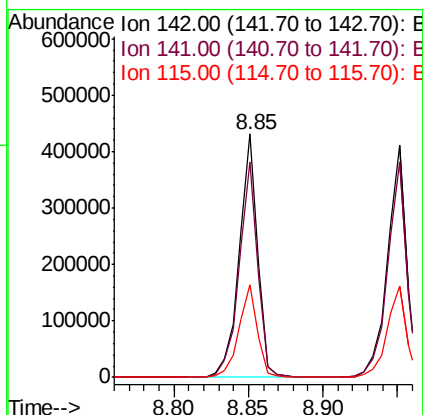
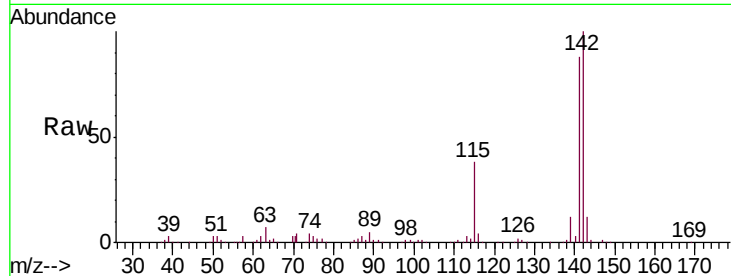




#37
2-Methylnaphthalene
Concen: 38.608 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

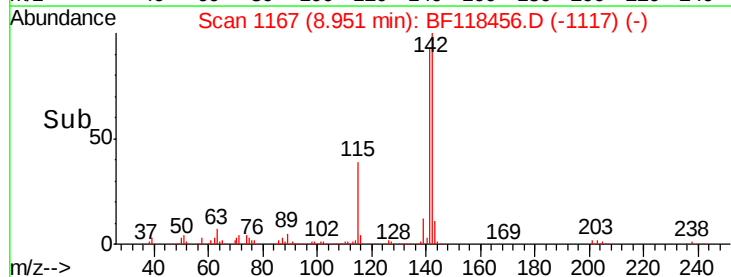
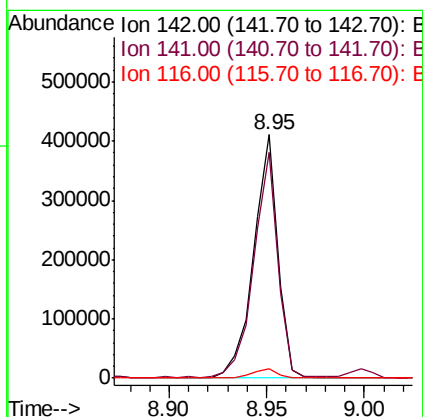
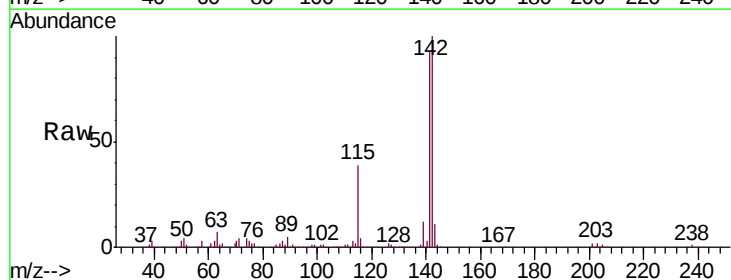
Instrument :
BNA_F
ClientSampleId :
PB125821BS

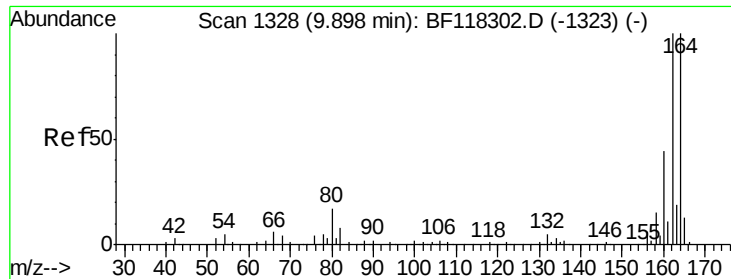
Tgt Ion:142 Resp: 370145
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8
115 37.8 28.0 42.0



#38
1-Methylnaphthalene
Concen: 38.921 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:142 Resp: 351551
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2
116 4.0 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

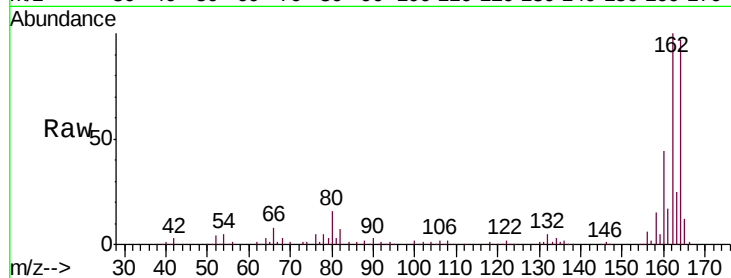
Tgt Ion:164 Resp: 135620

Ion Ratio Lower Upper

164 100

162 103.0 80.0 120.0

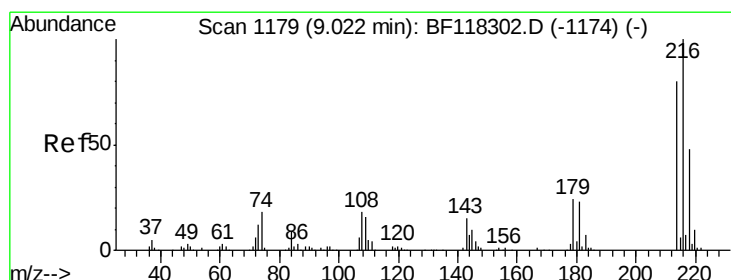
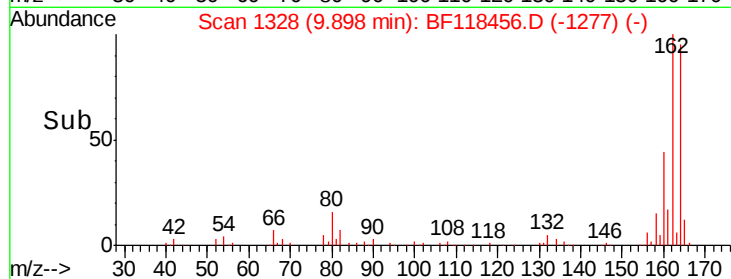
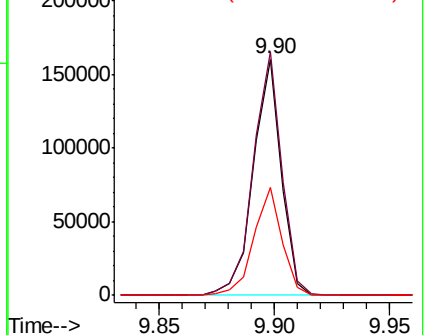
160 45.7 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.191 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion:216 Resp: 163772

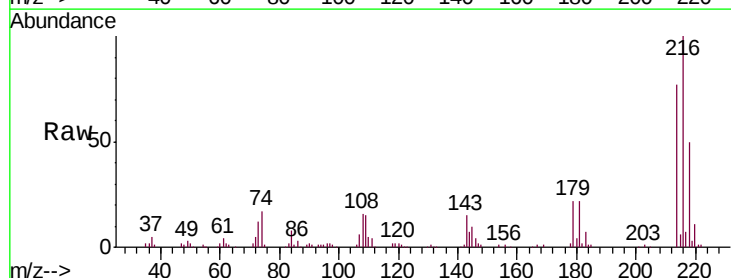
Ion Ratio Lower Upper

216 100

214 77.9 63.3 94.9

179 23.4 18.9 28.3

108 21.4 15.0 22.6

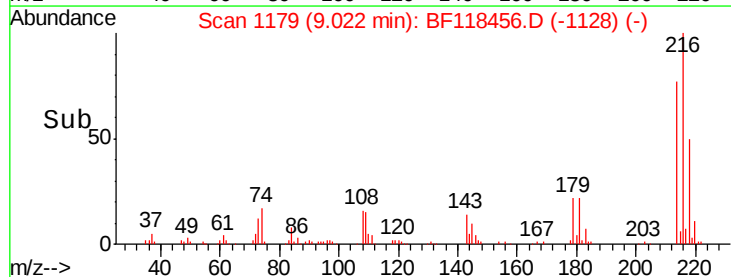
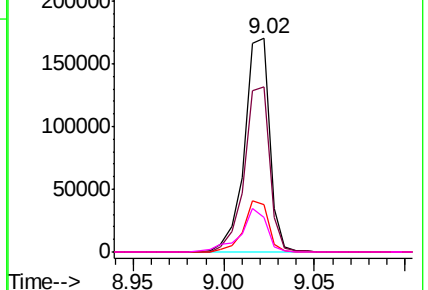


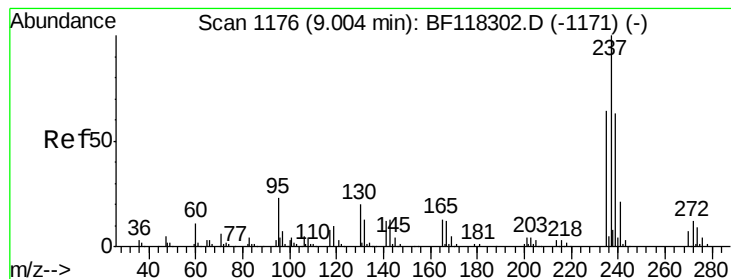
Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.321 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

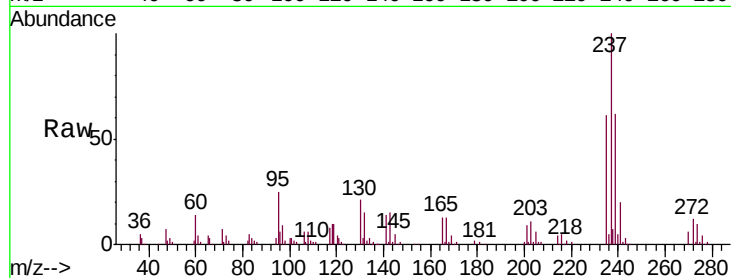
Tgt Ion: 237 Resp: 97270

Ion Ratio Lower Upper

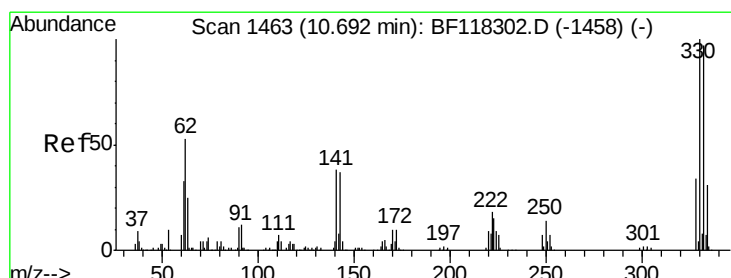
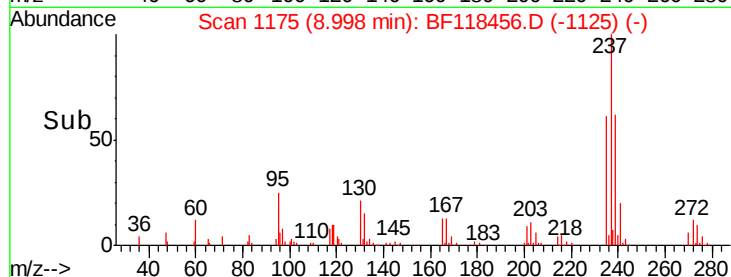
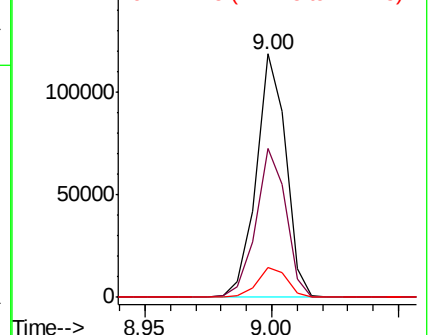
237 100

235 61.0 43.8 83.8

272 12.0 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.226 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

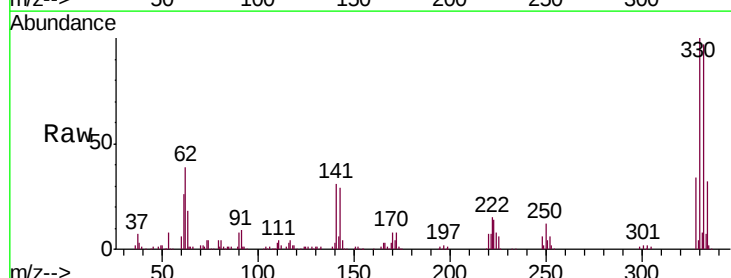
Tgt Ion: 330 Resp: 204705

Ion Ratio Lower Upper

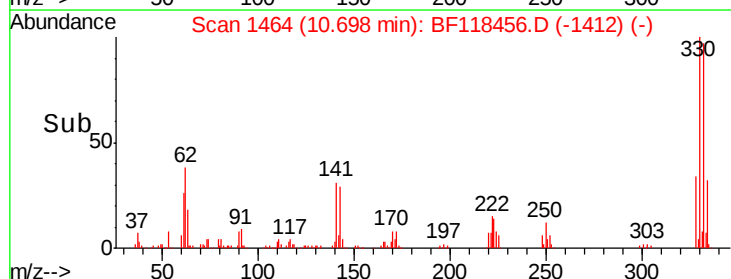
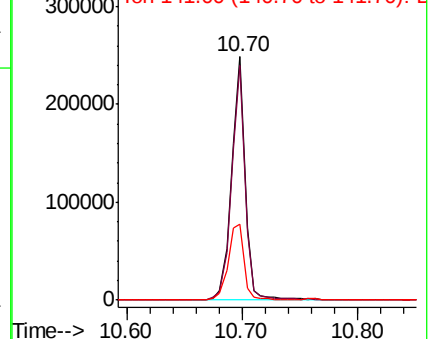
330 100

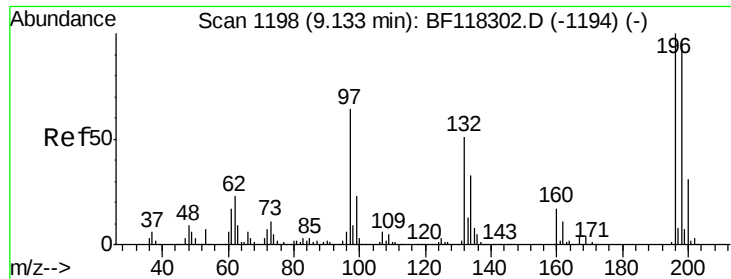
332 97.1 76.6 114.8

141 36.3 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

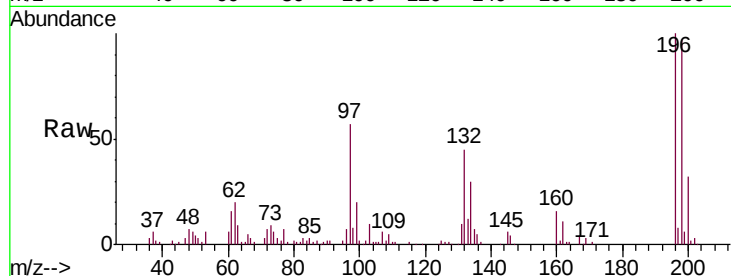




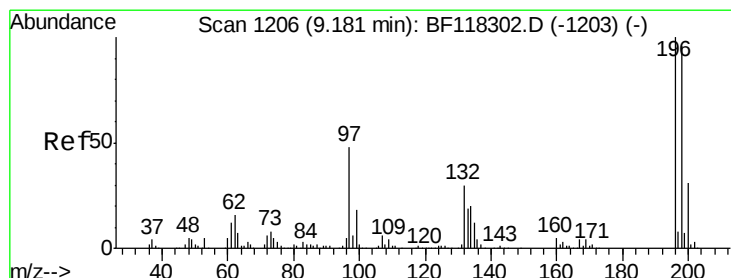
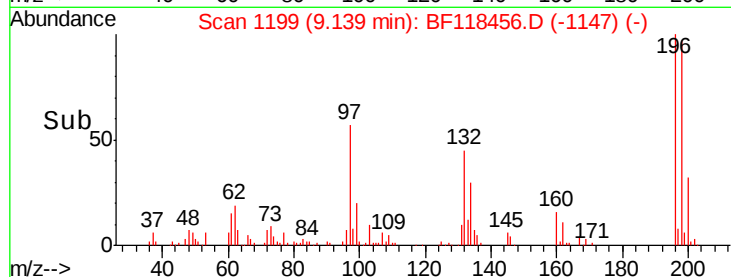
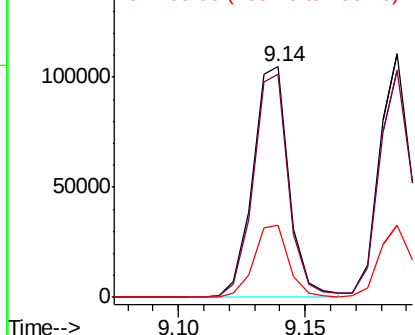
#43
 2,4,6-Trichlorophenol
 Concen: 38.179 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion:196 Resp: 103932
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.7 115.1
 200 31.5 24.8 37.2

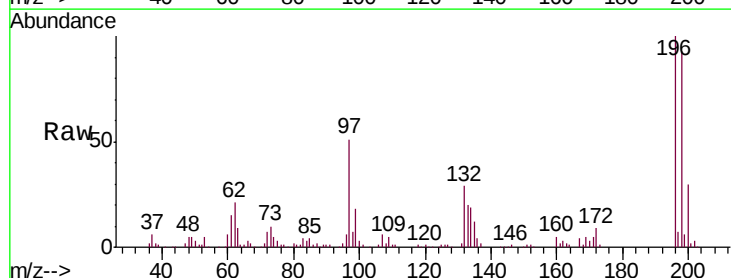


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

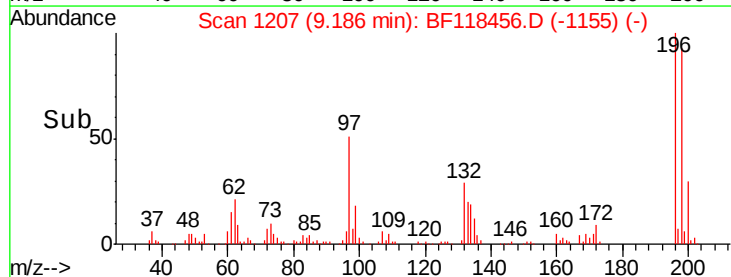
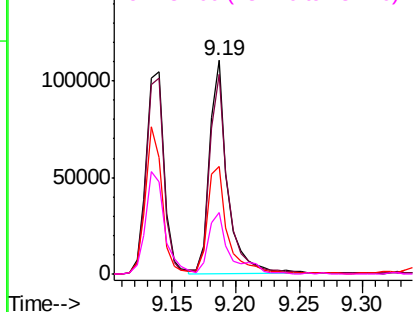


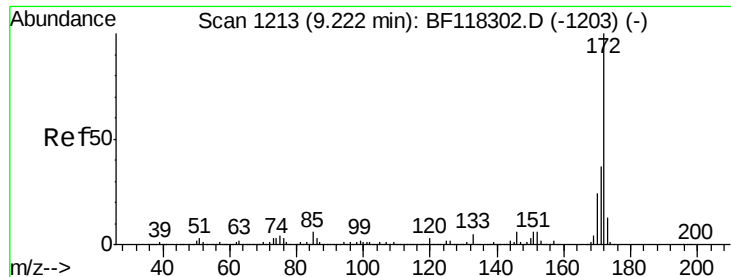
#44
 2,4,5-Trichlorophenol
 Concen: 39.407 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion:196 Resp: 110354
 Ion Ratio Lower Upper
 196 100
 198 93.3 77.0 115.4
 97 50.6 38.9 58.3
 132 29.0 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

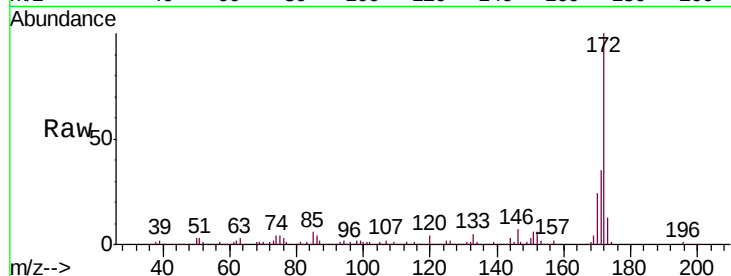




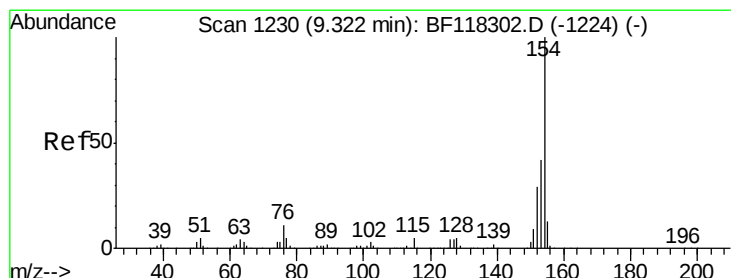
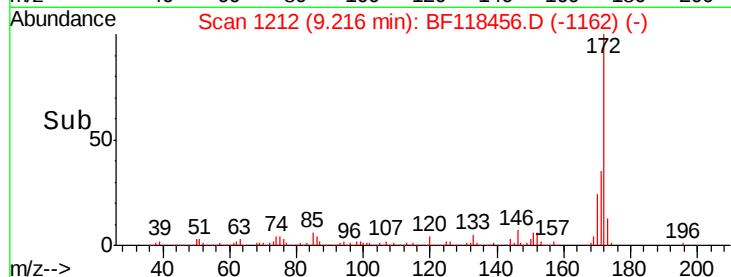
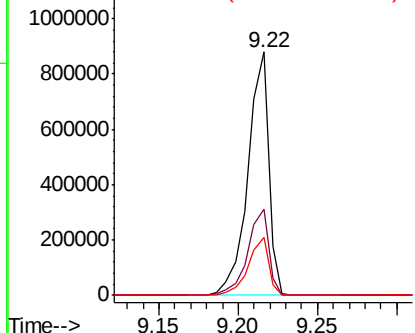
#45
 2-Fluorobiphenyl
 Concen: 89.814 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.6	19.2	28.8

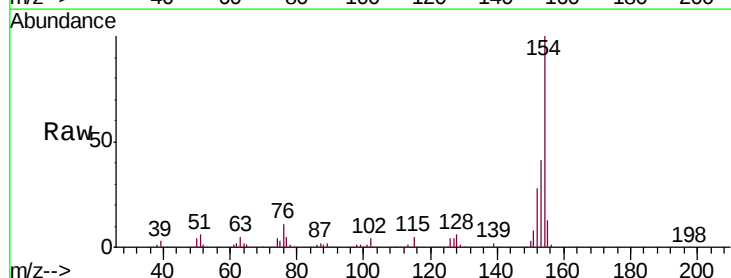


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

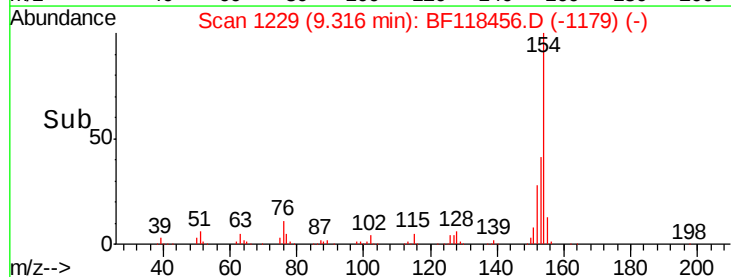
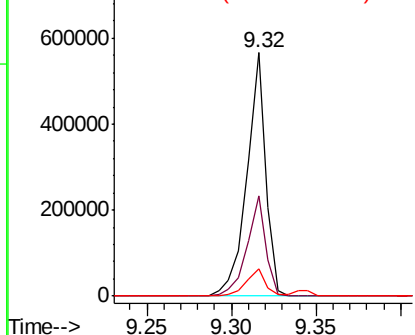


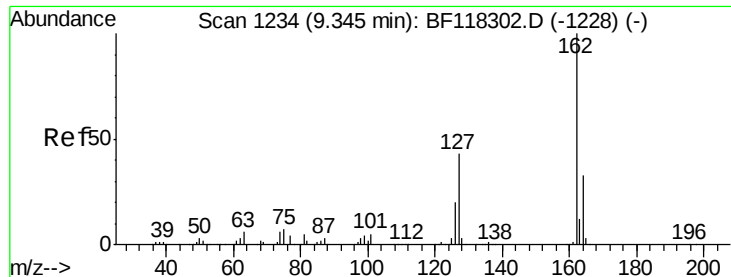
#46
 1,1'-Biphenyl
 Concen: 41.443 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.8	61.8
76	11.1	0.0	30.9



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

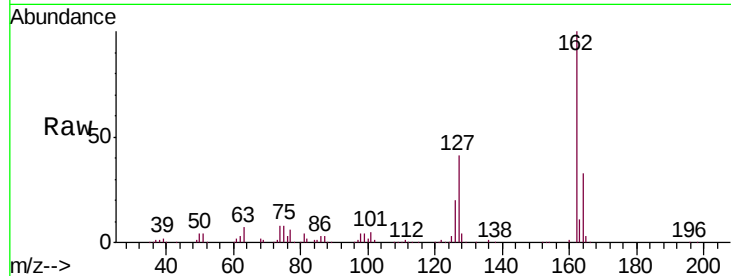




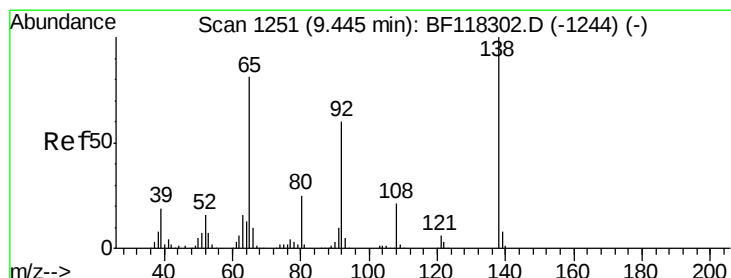
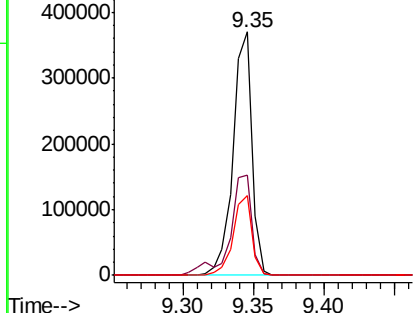
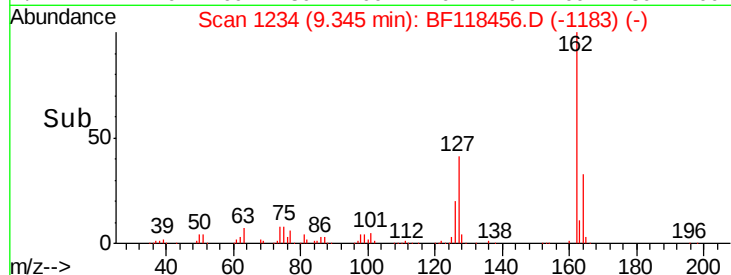
#47
2-Chloronaphthalene
Concen: 40.121 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion: 162 Resp: 346376
Ion Ratio Lower Upper
162 100
127 41.3 35.0 52.4
164 32.9 26.6 40.0

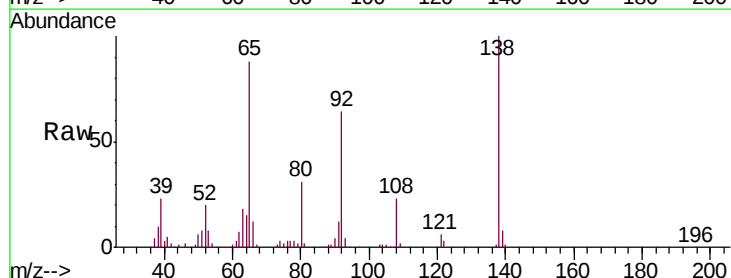


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

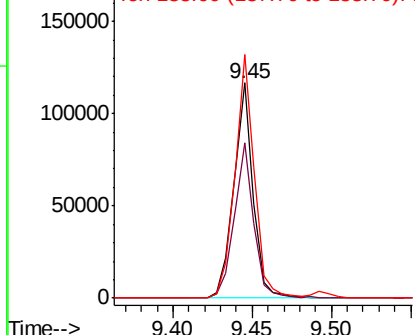
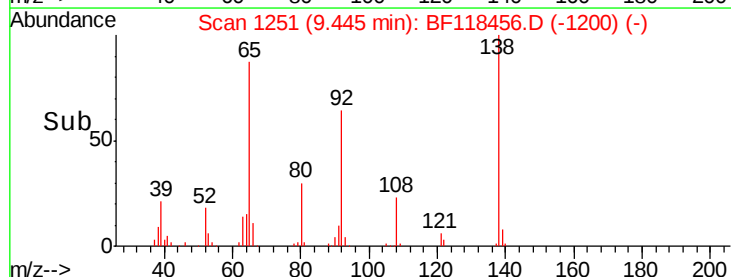


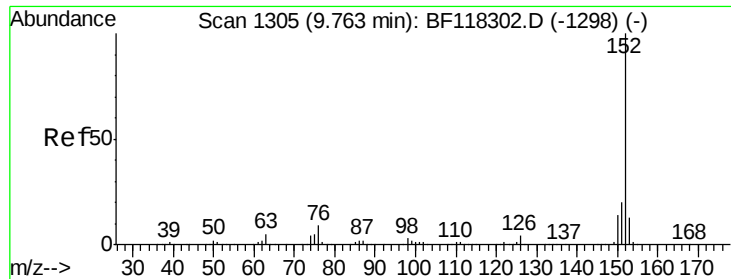
#48
2-Nitroaniline
Concen: 40.595 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion: 65 Resp: 98991
Ion Ratio Lower Upper
65 100
92 72.2 58.7 88.1
138 113.1 98.5 147.7



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





#49

Acenaphthylene

Concen: 42.582 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

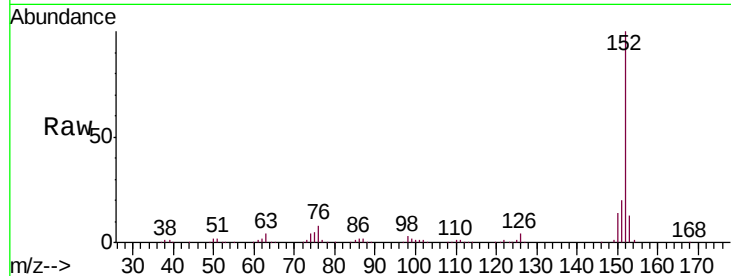
Tgt Ion:152 Resp: 545219

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

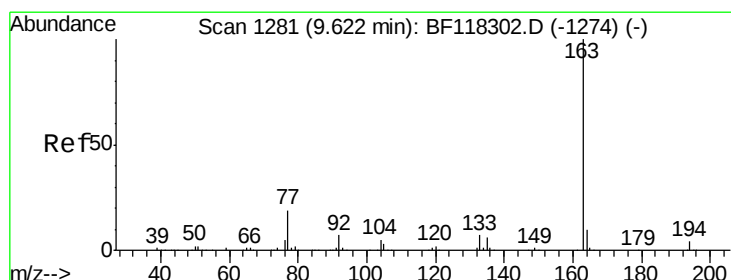
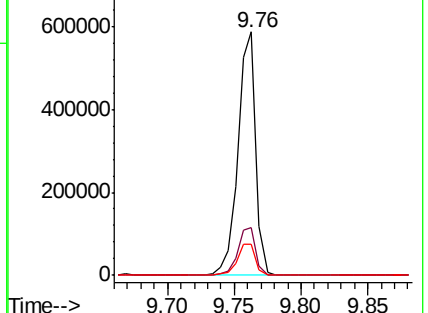
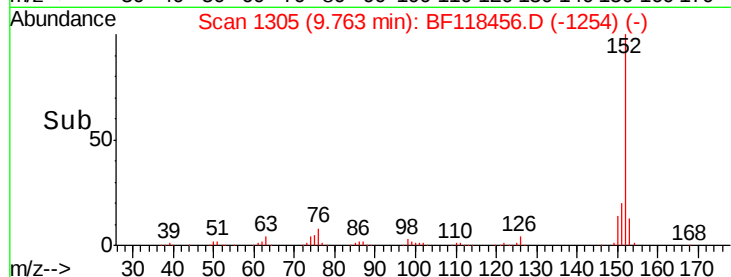
153 12.6 10.5 15.7



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: 40.058 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

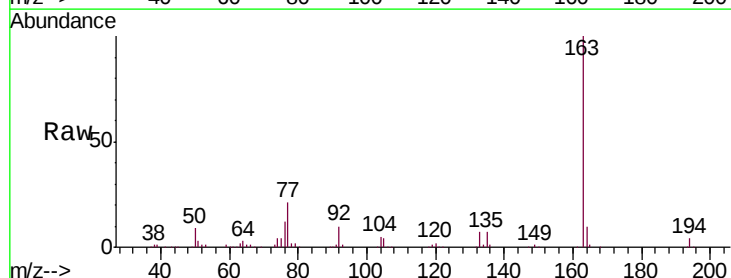
Tgt Ion:163 Resp: 407797

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

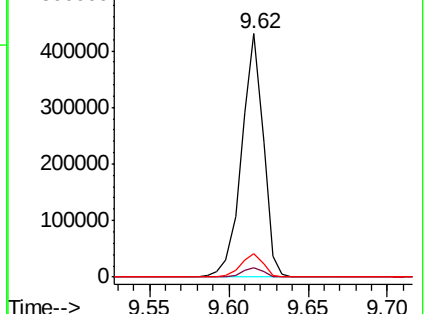
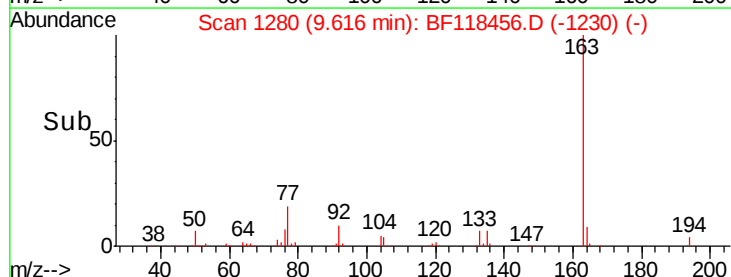
164 9.8 7.9 11.9

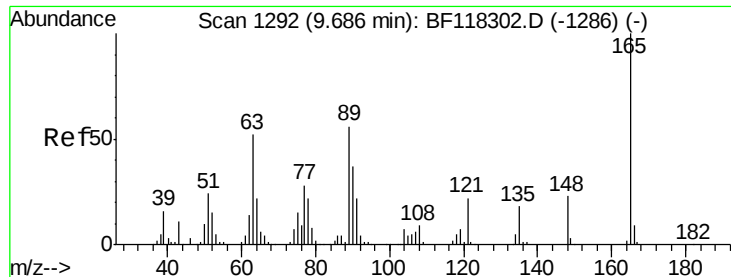


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

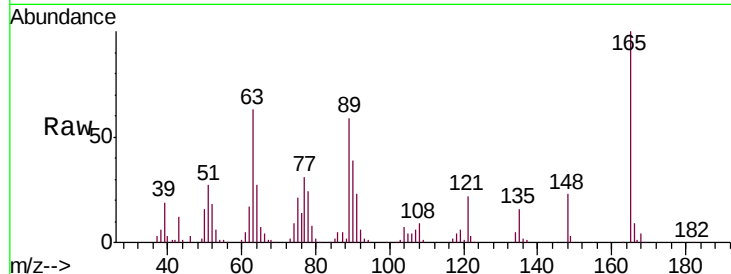




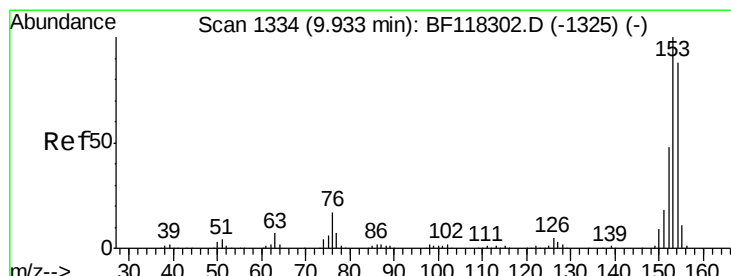
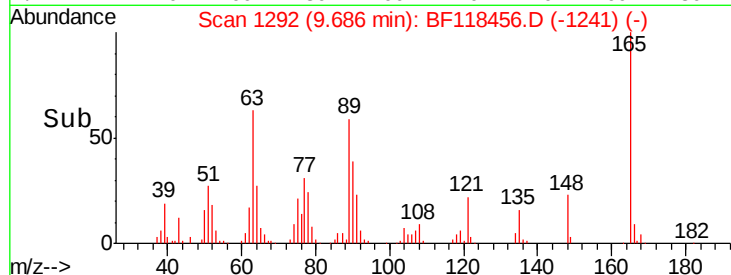
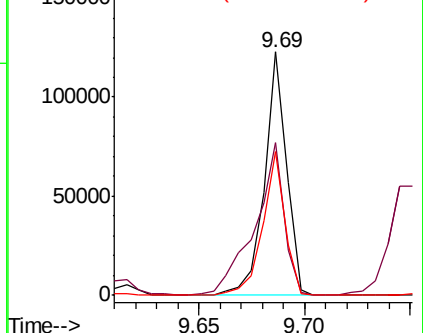
#51
2,6-Dinitrotoluene
Concen: 40.912 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:165 Resp: 89792
Ion Ratio Lower Upper
165 100
63 62.6 42.2 63.4
89 58.9 44.4 66.6

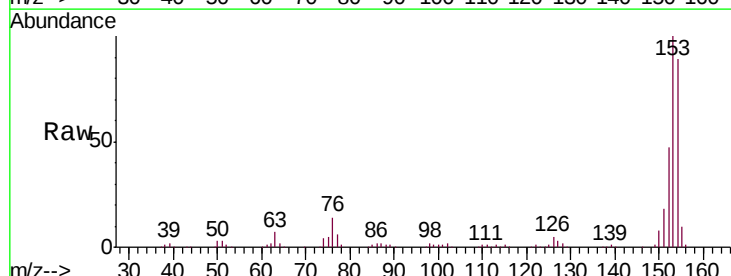


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

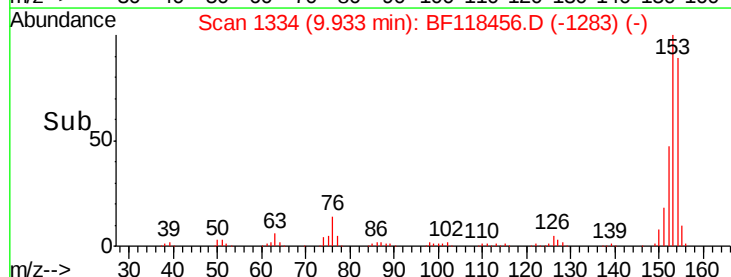
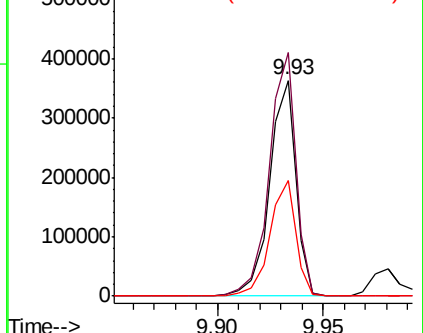


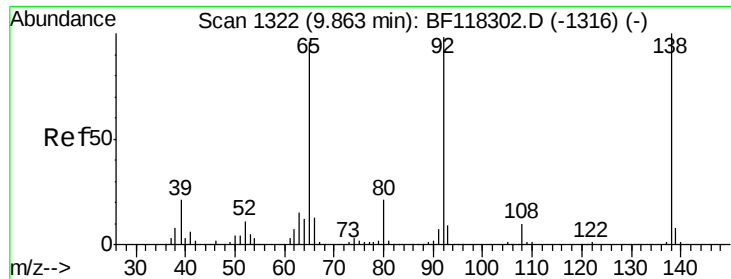
#52
Acenaphthene
Concen: 40.496 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:154 Resp: 315828
Ion Ratio Lower Upper
154 100
153 112.8 90.6 136.0
152 53.4 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

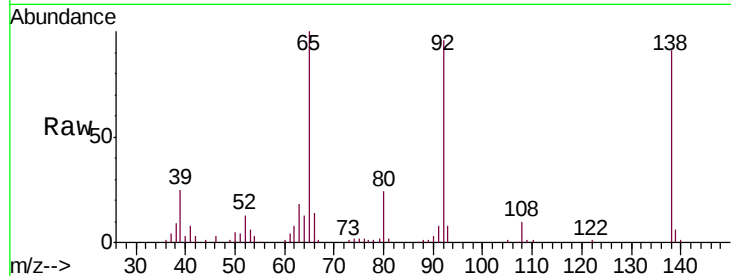




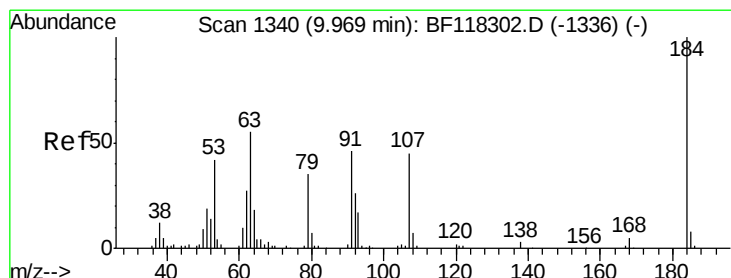
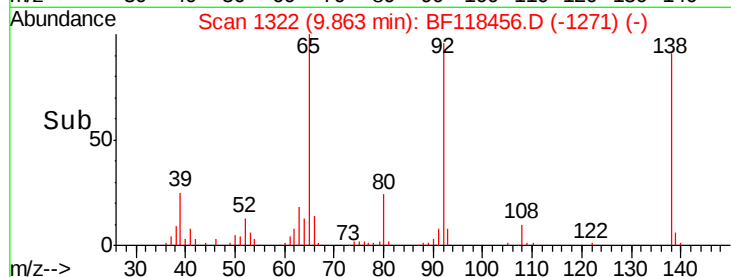
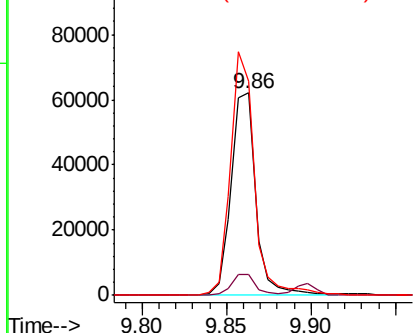
#53
3-Nitroaniline
Concen: 24.613 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:138 Resp: 63404
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.8
92 105.6 78.2 117.2

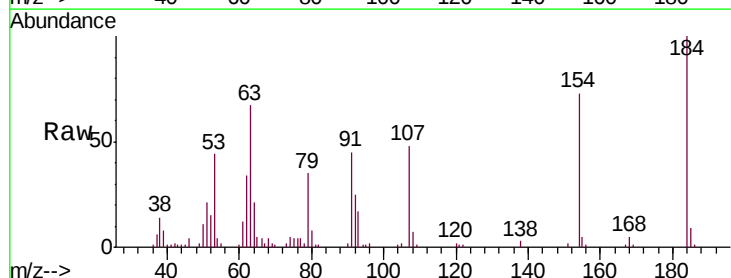


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

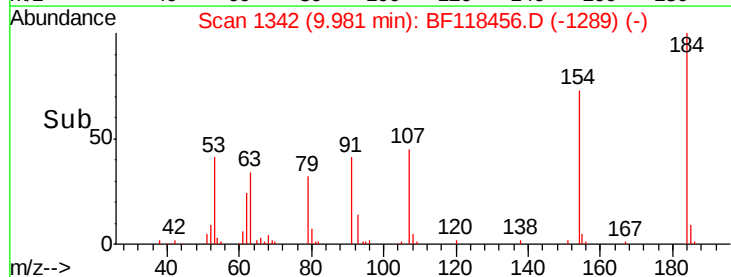
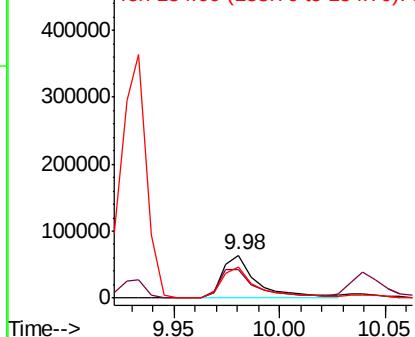


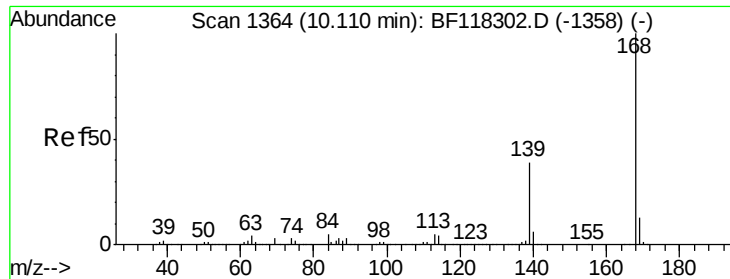
#54
2,4-Dinitrophenol
Concen: 67.249 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:184 Resp: 73441
Ion Ratio Lower Upper
184 100
63 67.5 48.8 73.2
154 72.9 55.0 82.4



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

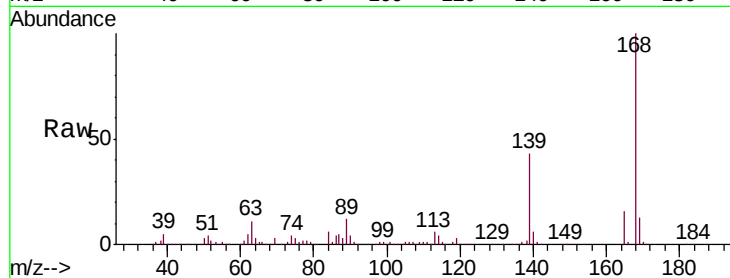




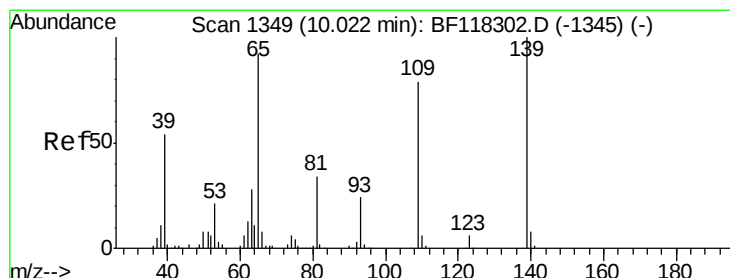
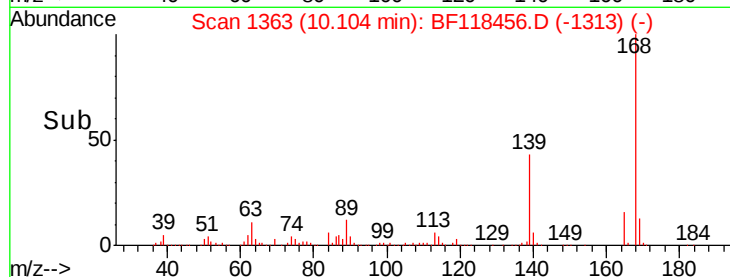
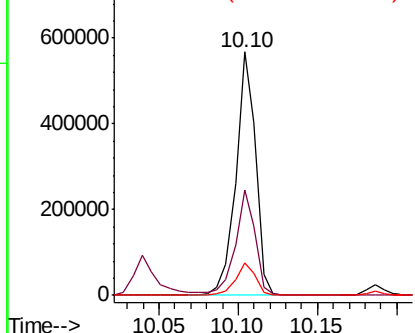
#55
Dibenzenofuran
Concen: 42.467 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:168 Resp: 489377
Ion Ratio Lower Upper
168 100
139 43.0 31.5 47.3
169 13.3 10.4 15.6

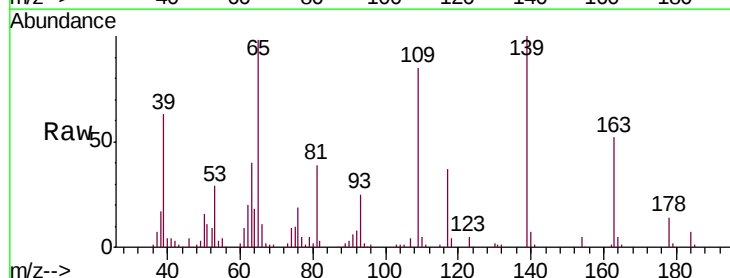


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

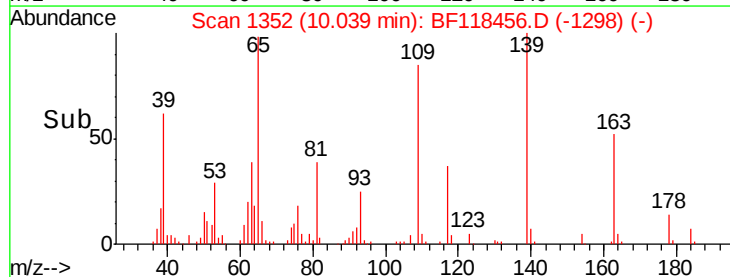
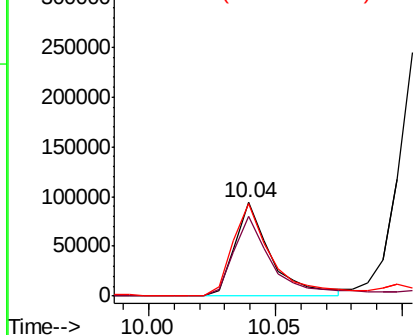


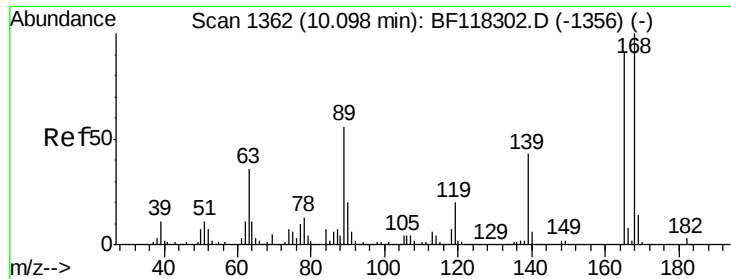
#56
4-Nitrophenol
Concen: 59.224 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:139 Resp: 94182
Ion Ratio Lower Upper
139 100
109 85.0 59.3 99.3
65 98.1 72.4 112.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

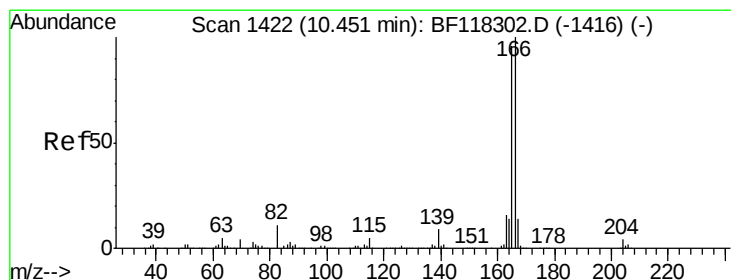
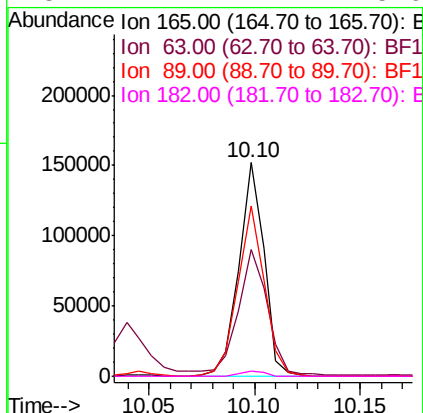
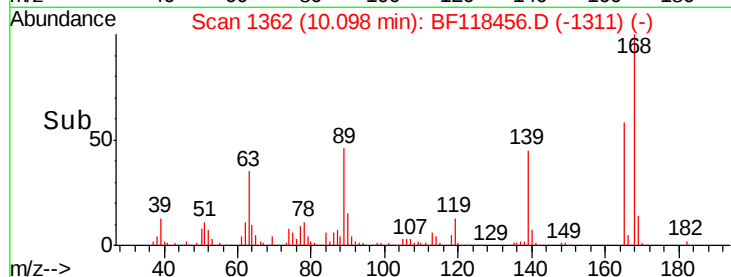
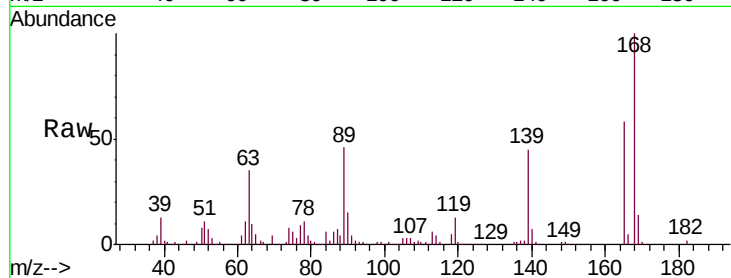




#57
2,4-Dinitrotoluene
Concen: 42.744 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

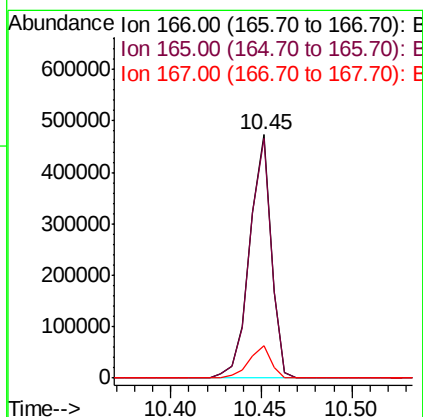
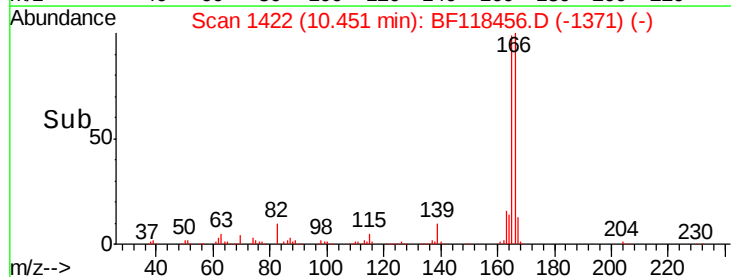
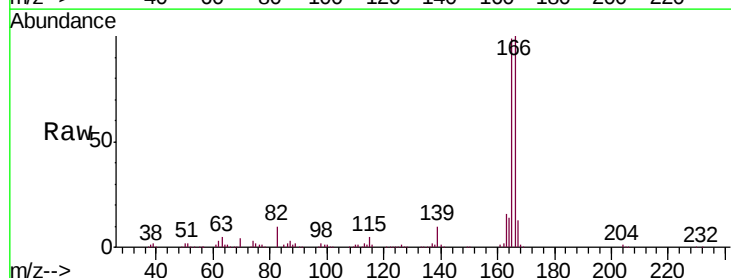
Instrument :
BNA_F
ClientSampleId :
PB125821BS

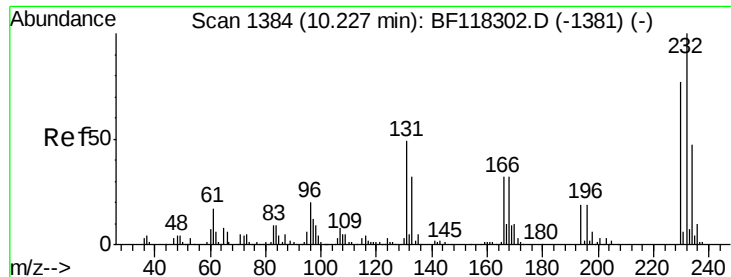
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125355		
63	59.4	32.0	48.0#	
89	79.6	49.3	73.9#	
182	2.7	2.4	3.6	



#58
Fluorene
Concen: 42.016 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	390862		
165	98.7	77.0	115.4	
167	13.2	10.9	16.3	

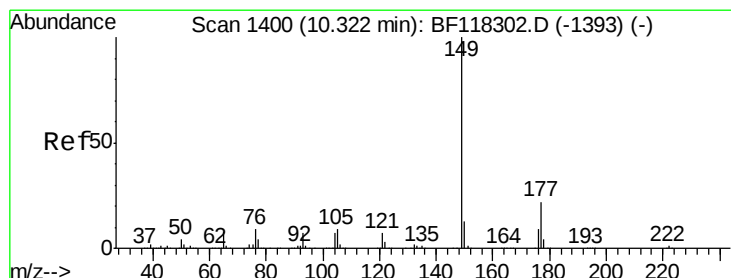
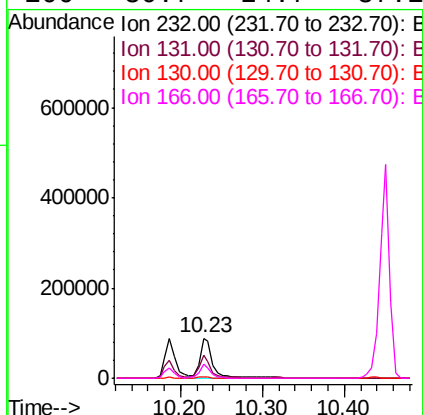
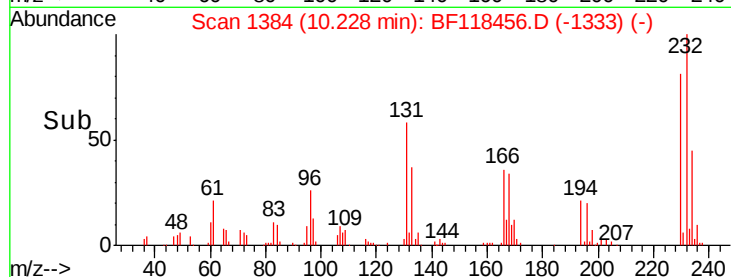
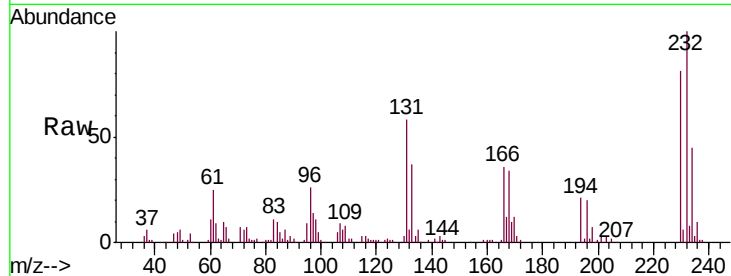




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.771 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

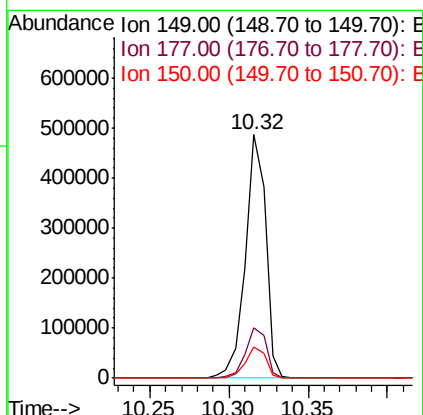
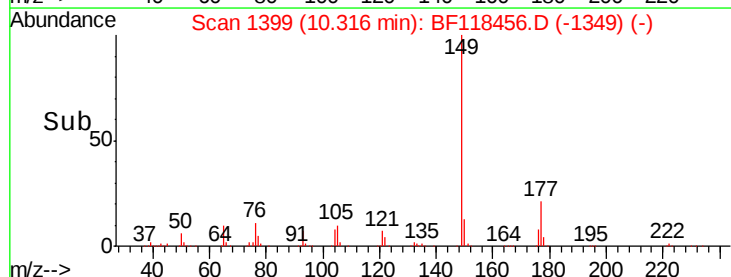
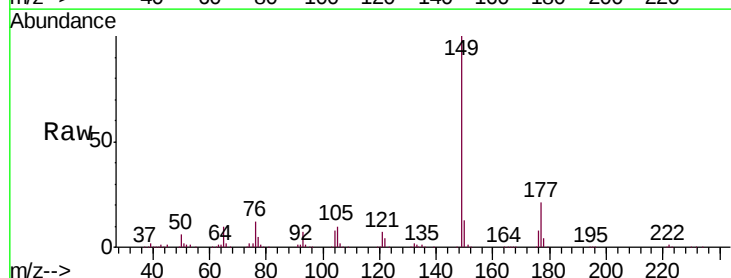
Instrument :
BNA_F
ClientSampleId :
PB125821BS

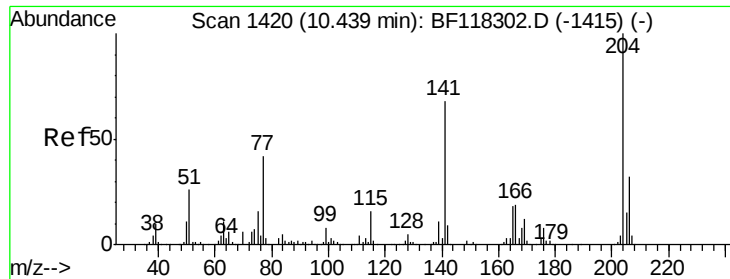
Tgt Ion:232 Resp: 99390
Ion Ratio Lower Upper
232 100
131 49.0 37.7 56.5
130 2.8 2.0 3.0
166 30.7 24.7 37.1



#60
Diethylphthalate
Concen: 42.757 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:149 Resp: 430612
Ion Ratio Lower Upper
149 100
177 20.5 17.9 26.9
150 12.6 10.2 15.2

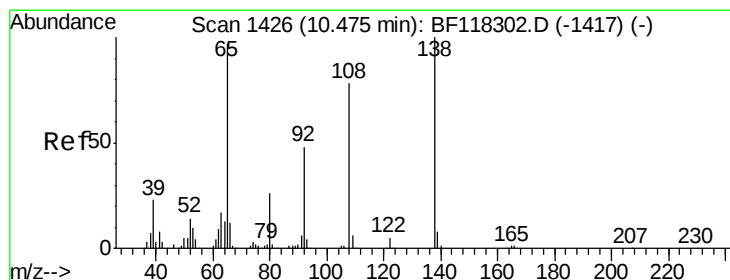
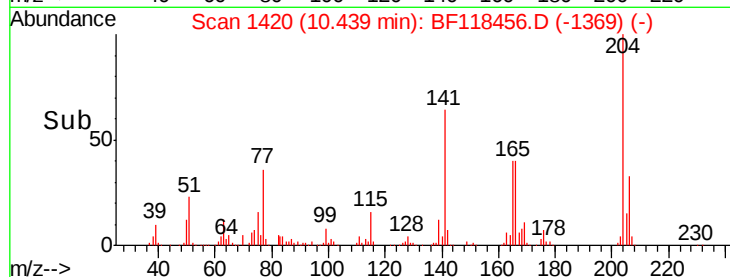
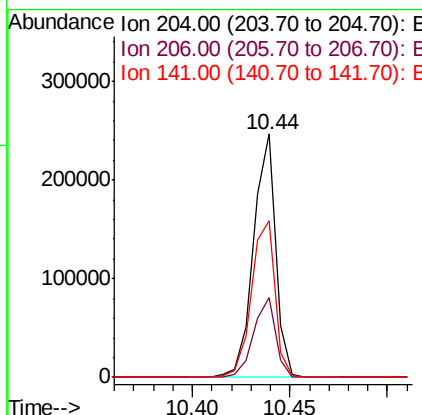
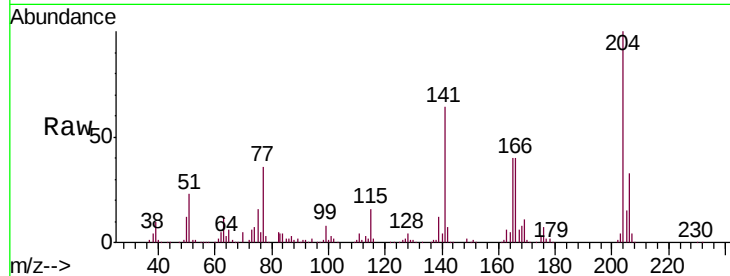




#61
4-Chlorophenyl-phenylether
Concen: 41.776 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

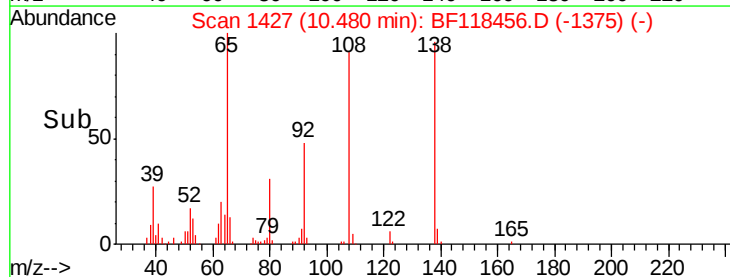
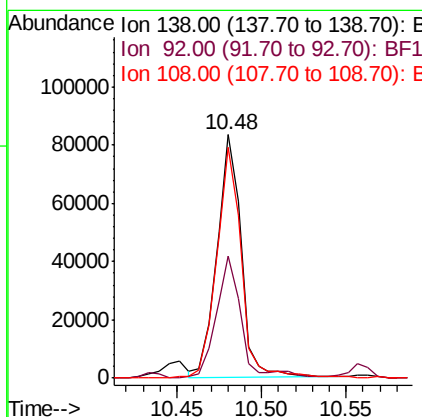
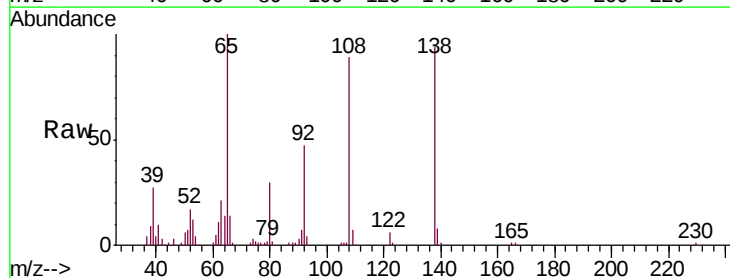
Instrument :
BNA_F
ClientSampleId :
PB125821BS

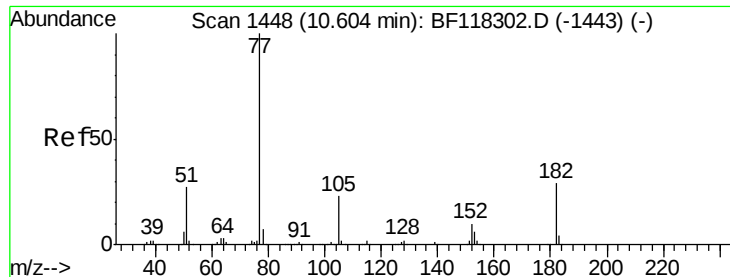
Tgt Ion:204 Resp: 194005
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 64.1 54.2 81.4



#62
4-Nitroaniline
Concen: 30.987 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:138 Resp: 82924
Ion Ratio Lower Upper
138 100
92 50.3 27.9 67.9
108 94.8 58.1 98.1

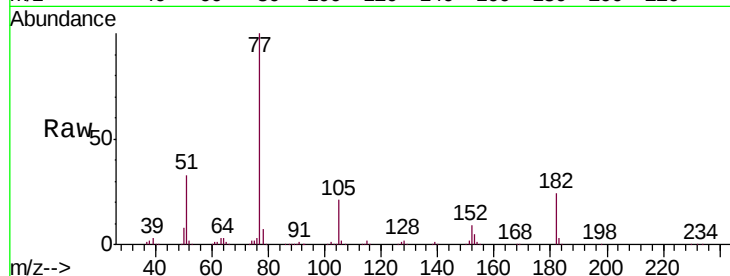




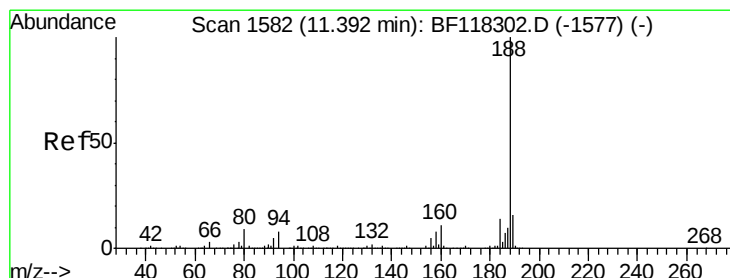
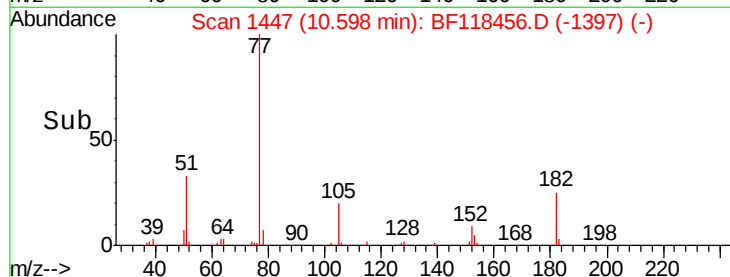
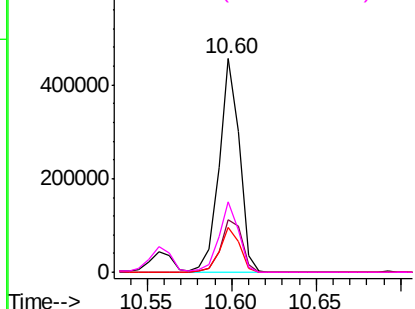
#63
Azobenzene
Concen: 44.264 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion: 77 Resp: 381850
Ion Ratio Lower Upper
77 100
182 24.4 9.2 49.2
105 20.8 3.2 43.2
51 33.2 7.1 47.1

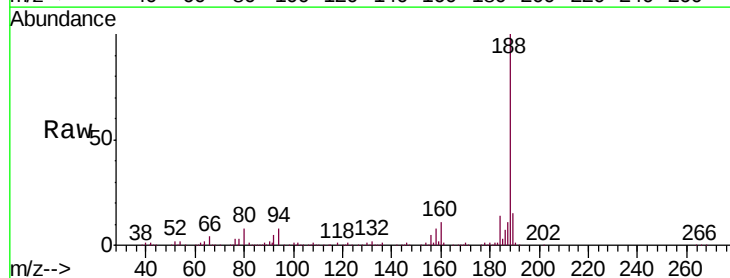


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

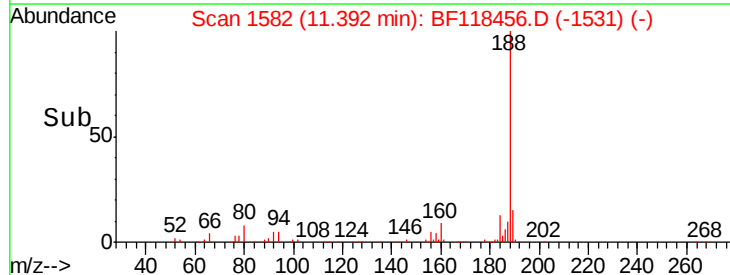
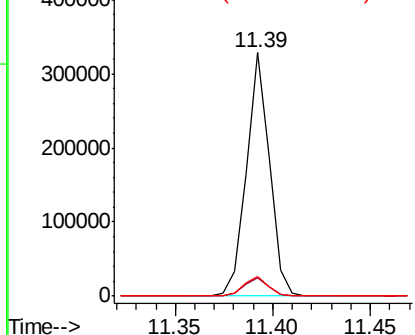


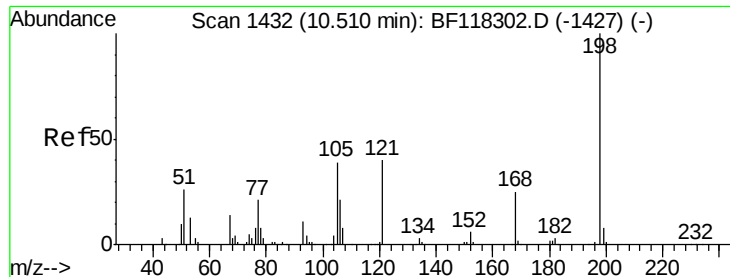
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion: 188 Resp: 268417
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.3 7.2 10.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.084 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

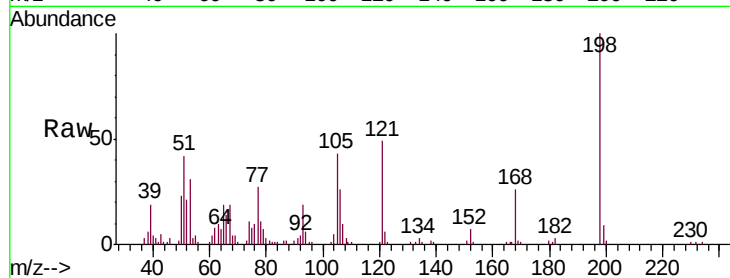
Tgt Ion:198 Resp: 56594

Ion Ratio Lower Upper

198 100

51 41.6 12.8 52.8

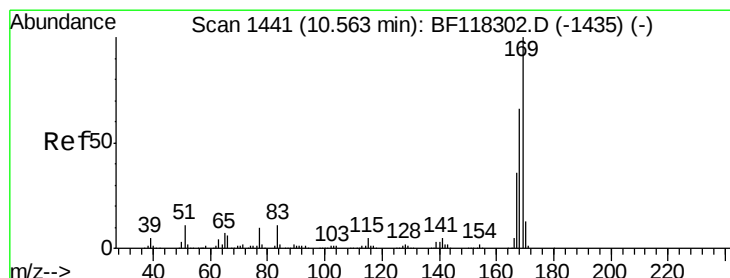
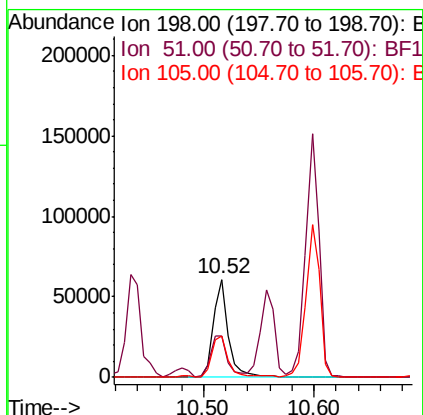
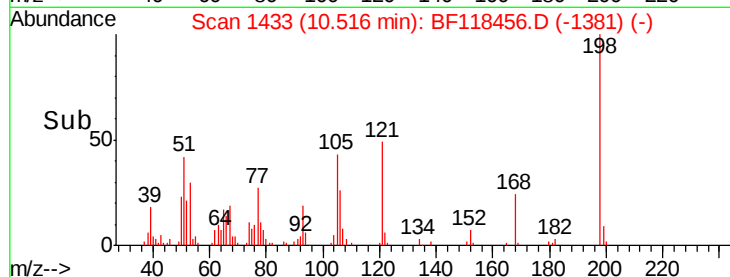
105 42.7 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.653 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

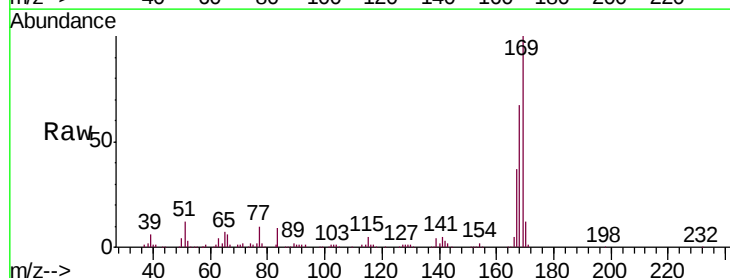
Tgt Ion:169 Resp: 341124

Ion Ratio Lower Upper

169 100

168 66.9 52.6 79.0

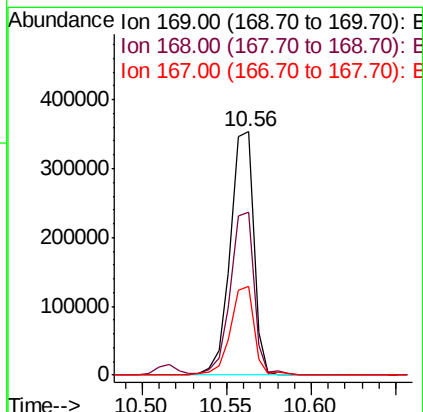
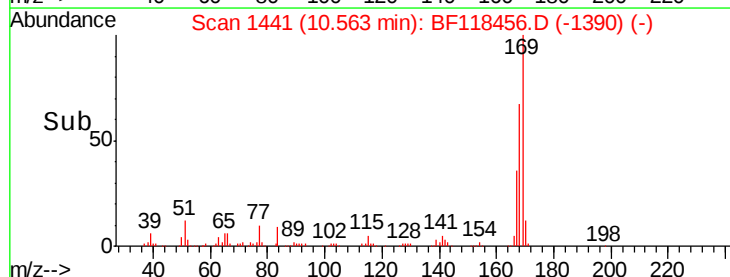
167 36.6 28.4 42.6

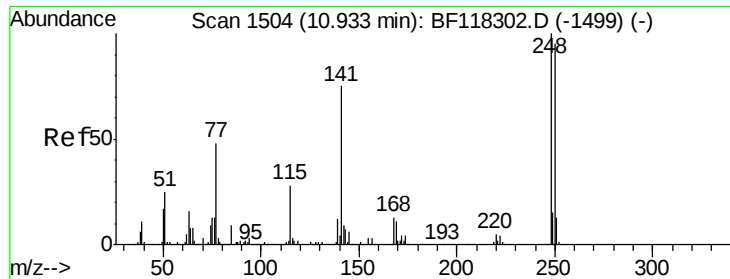


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

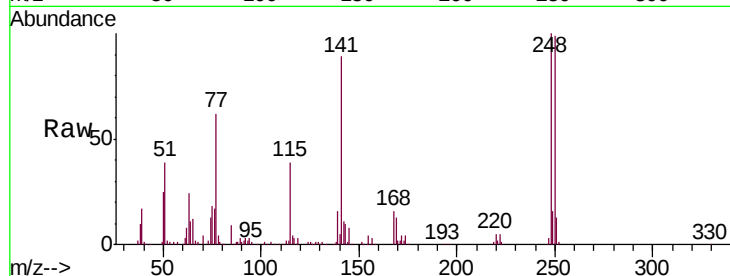




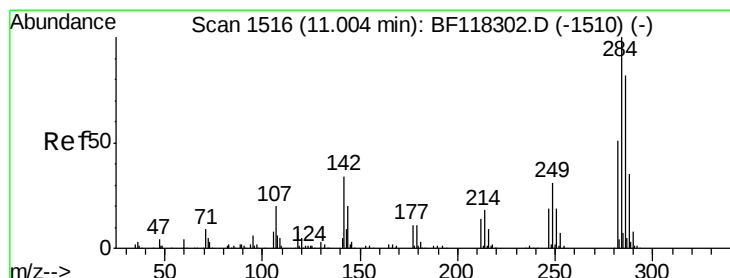
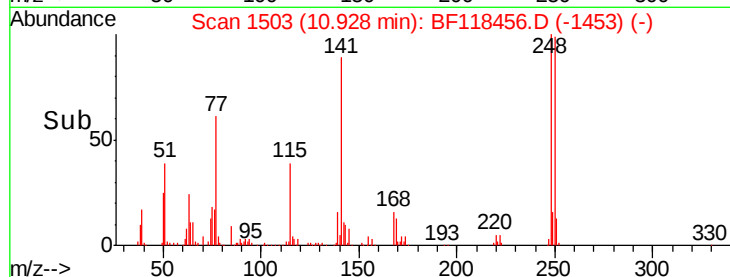
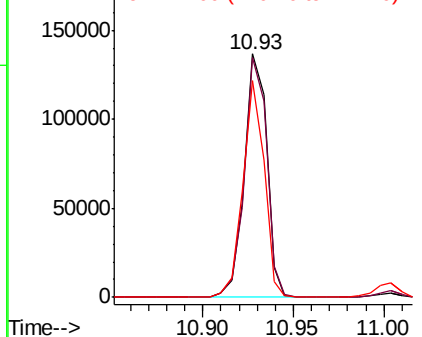
#67
4-Bromophenyl-phenylether
Concen: 37.554 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:248 Resp: 117967
Ion Ratio Lower Upper
248 100
250 98.5 76.4 114.6
141 89.1 60.2 90.2

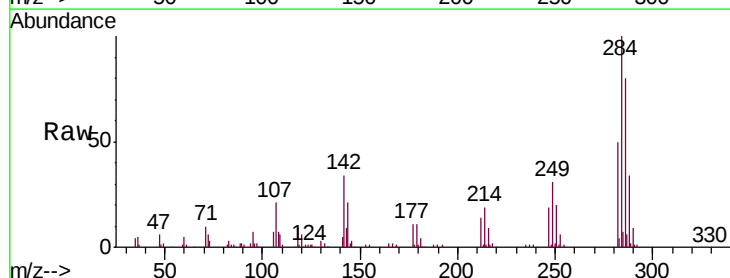


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

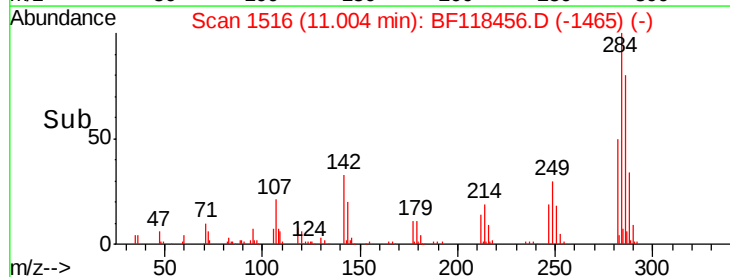
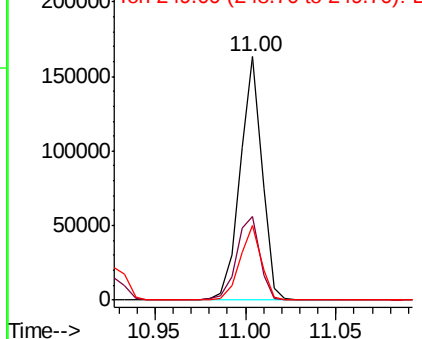


#68
Hexachlorobenzene
Concen: 37.011 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:284 Resp: 136849
Ion Ratio Lower Upper
284 100
142 34.4 27.3 40.9
249 30.7 25.0 37.6



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

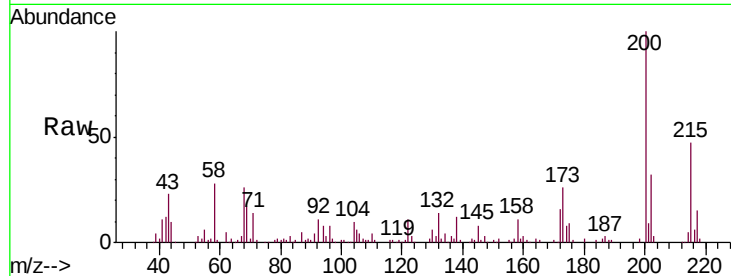




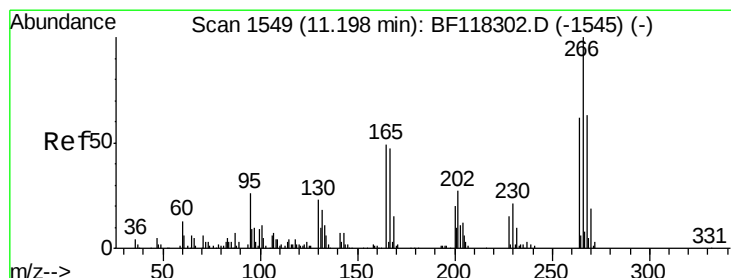
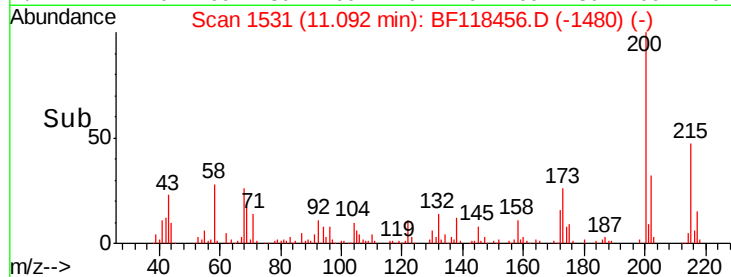
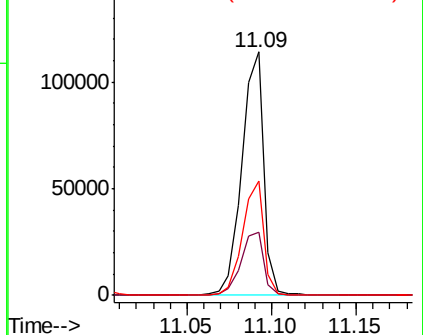
#69
Atrazine
Concen: 38.799 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tgt Ion:200 Resp: 103015
Ion Ratio Lower Upper
200 100
173 25.9 5.8 45.8
215 47.1 25.1 65.1

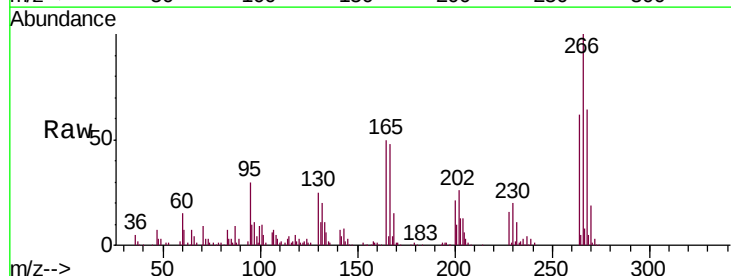


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

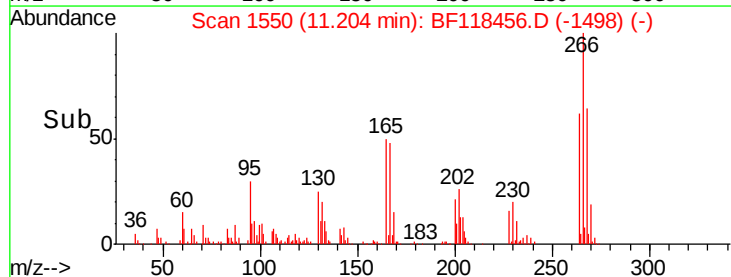
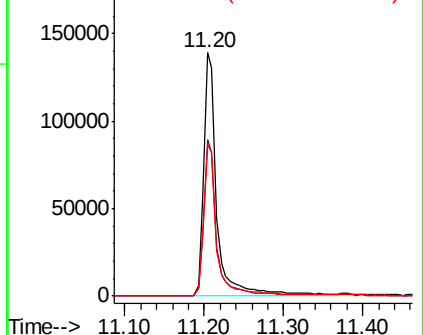


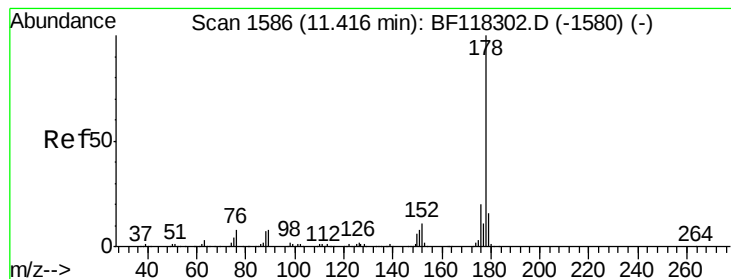
#70
Pentachlorophenol
Concen: 104.095 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:266 Resp: 166690
Ion Ratio Lower Upper
266 100
268 64.3 50.6 76.0
264 62.4 49.9 74.9



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





#71

Phenanthrene

Concen: 39.707 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

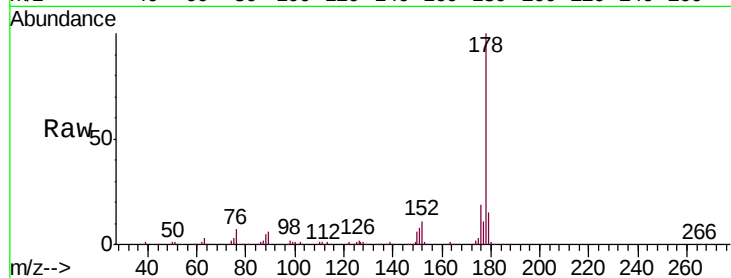
Tgt Ion:178 Resp: 581026

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

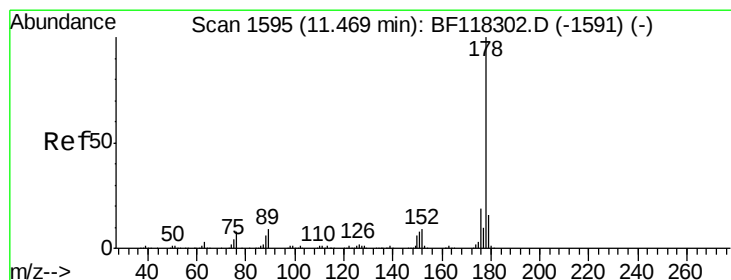
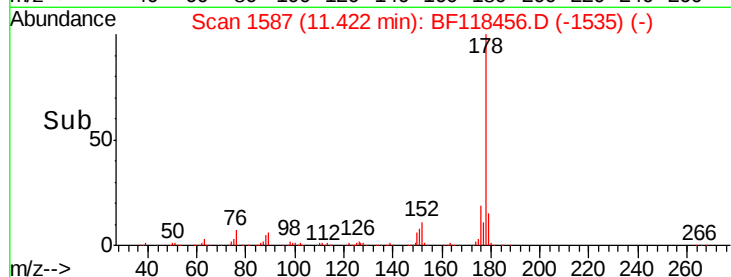
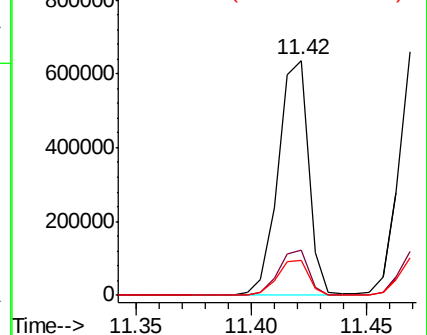
179 14.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.847 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

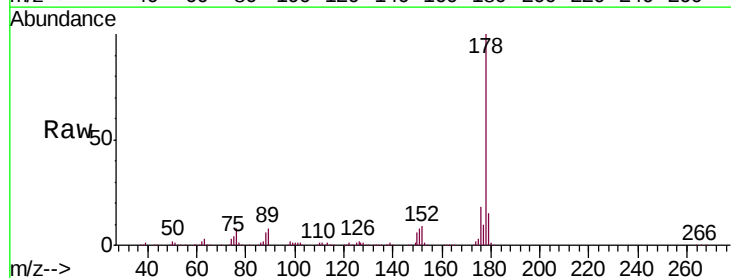
Tgt Ion:178 Resp: 598261

Ion Ratio Lower Upper

178 100

176 18.2 15.2 22.8

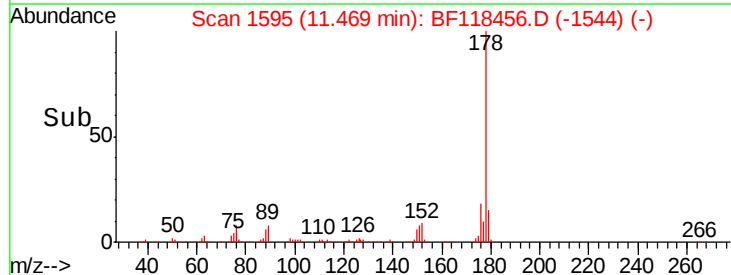
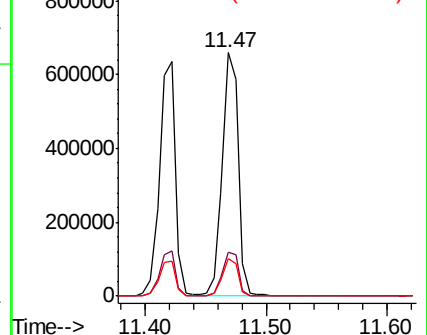
179 15.3 12.9 19.3

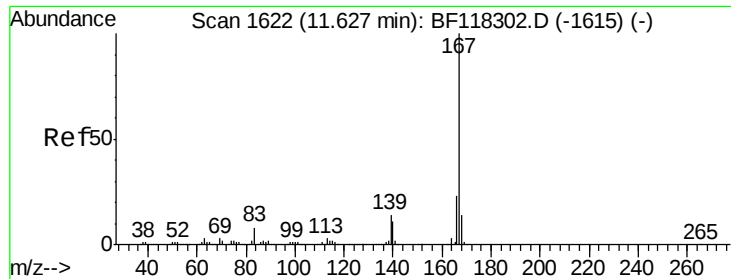


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

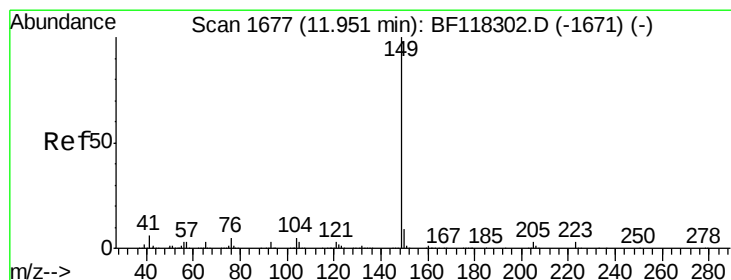
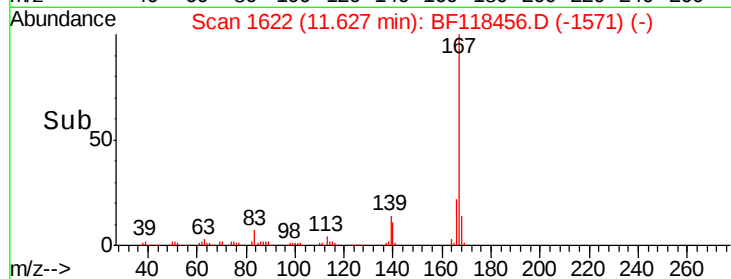
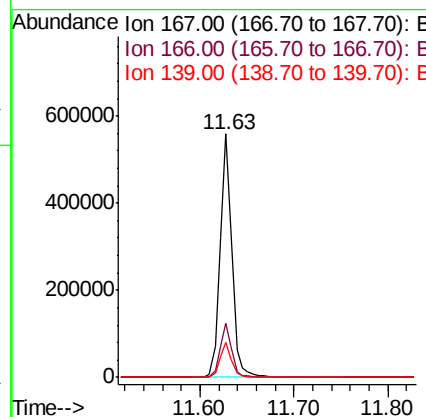
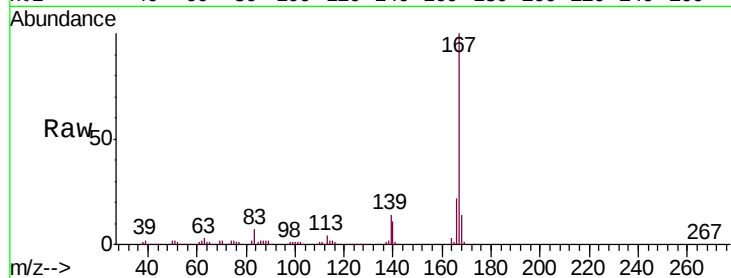




#73
 Carbazole
 Concen: 38.609 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

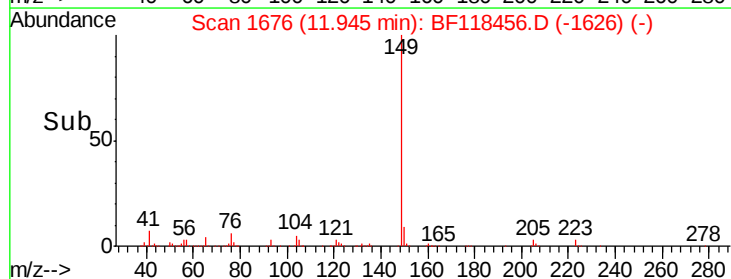
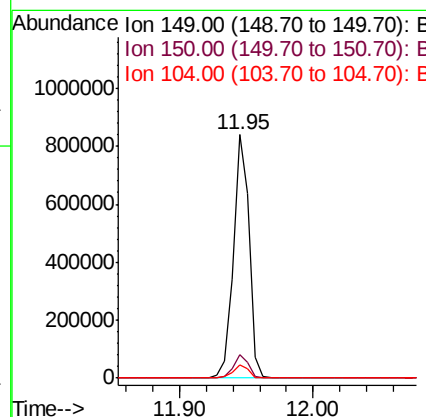
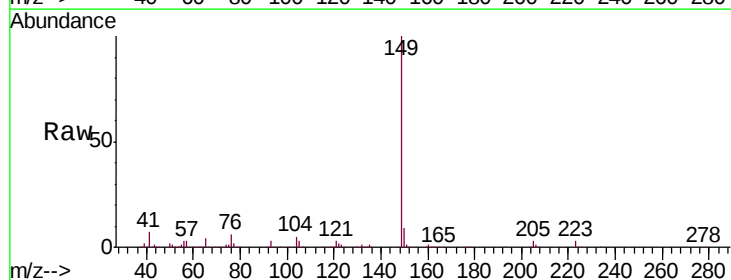
Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

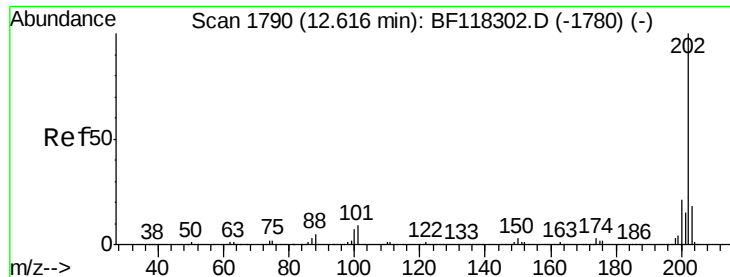
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	14.3	11.5	17.3



#74
 Di-n-butylphthalate
 Concen: 42.347 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.4	4.0	6.0

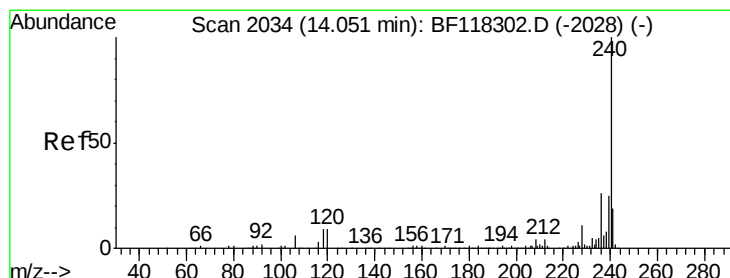
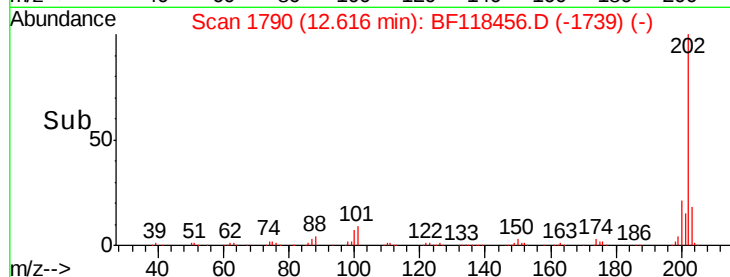
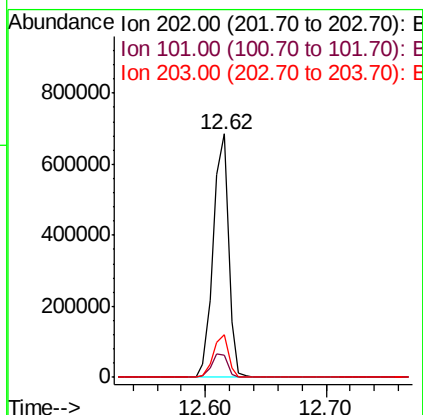
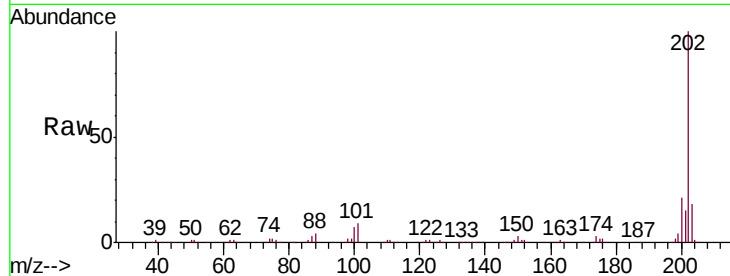




#75
Fluoranthene
 Concen: 40.529 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

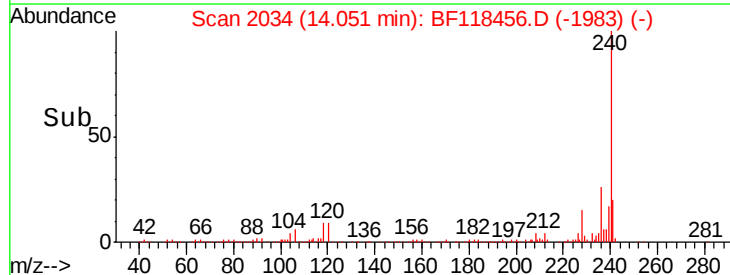
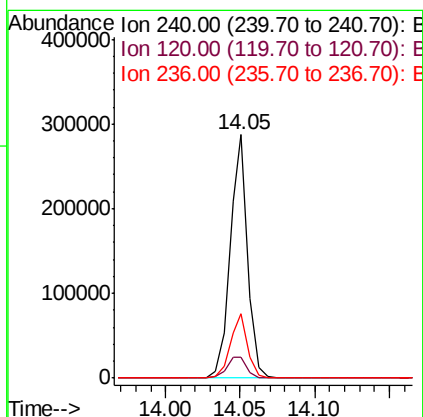
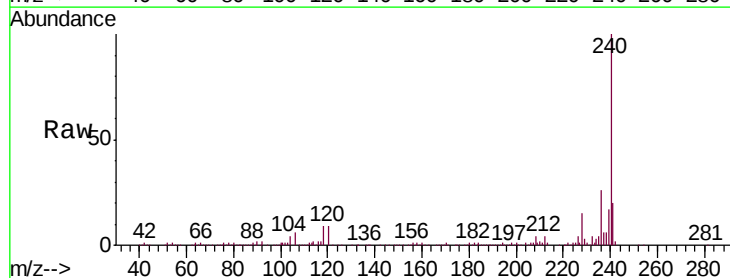
Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

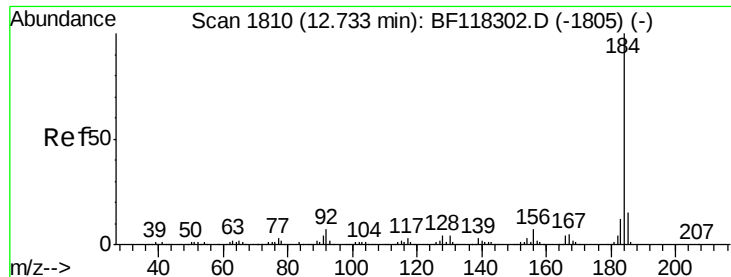
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	598511		
101	9.3		0.0	29.5
203	17.8		0.0	37.6



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	236356		
120	8.8		7.1	10.7
236	26.4		21.0	31.6





#77

Benzidine

Concen: 19.287 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

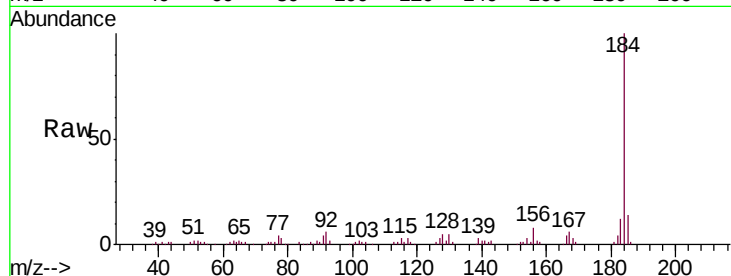
Tgt Ion:184 Resp: 124906

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

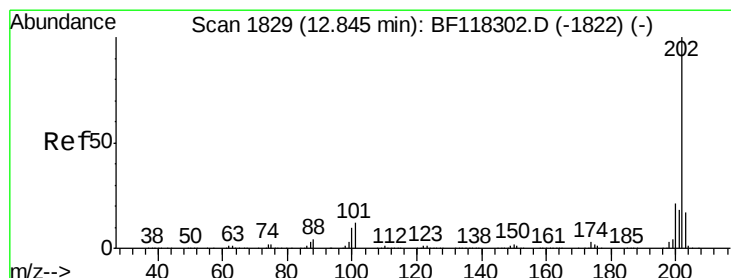
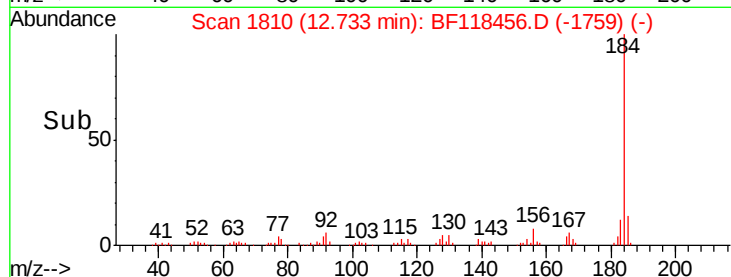
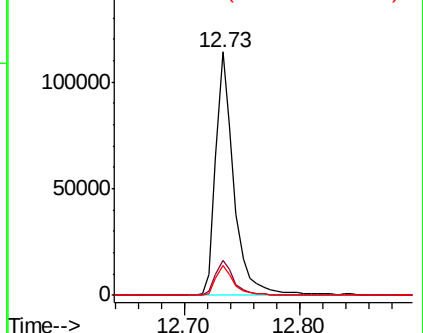
183 12.2 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.801 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

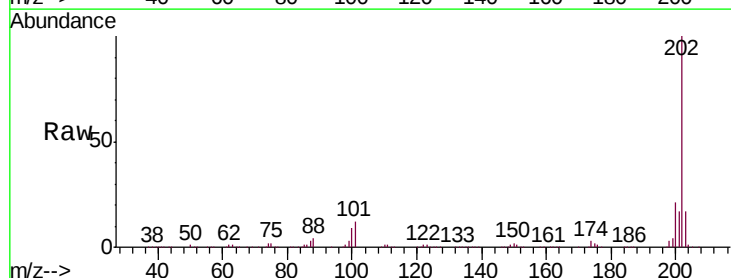
Tgt Ion:202 Resp: 613790

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

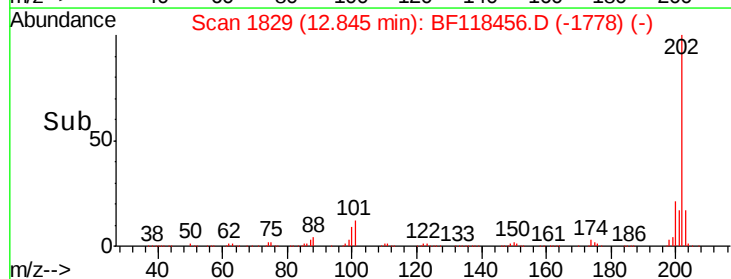
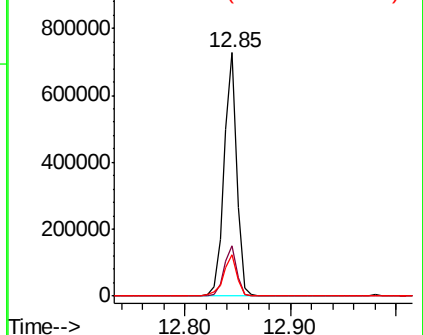
203 17.2 13.9 20.9

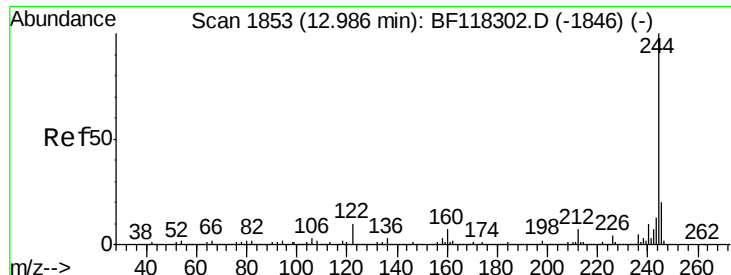


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.482 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

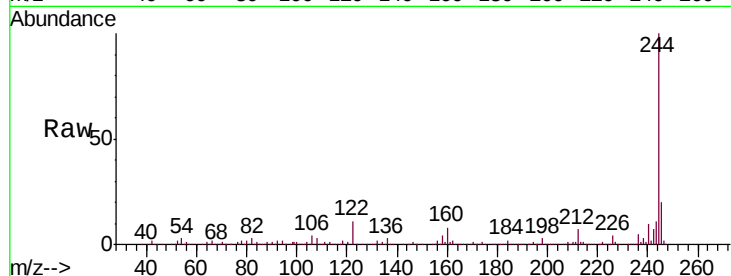
Tgt Ion:244 Resp: 989882

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

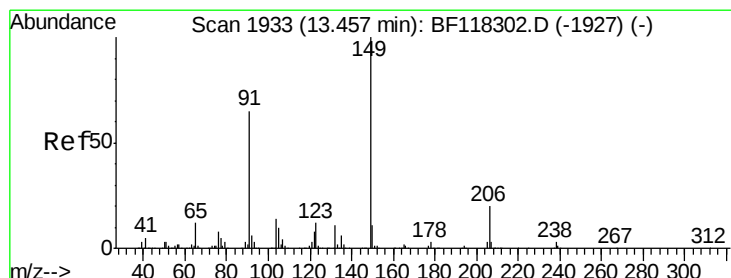
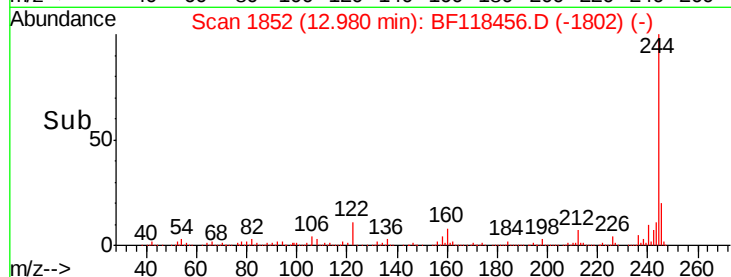
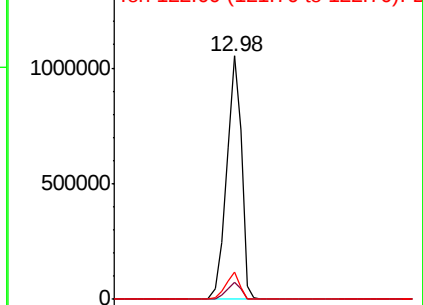
122 11.4 7.8 11.8



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: 37.728 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

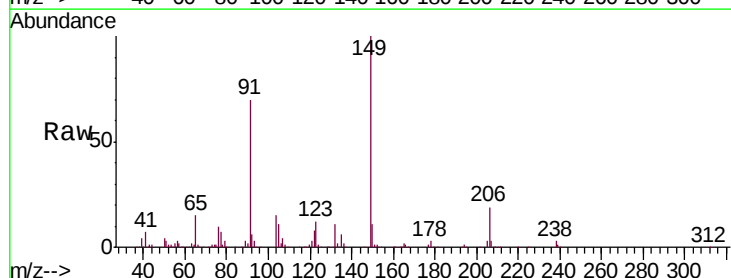
Tgt Ion:149 Resp: 327873

Ion Ratio Lower Upper

149 100

91 70.0 51.8 77.6

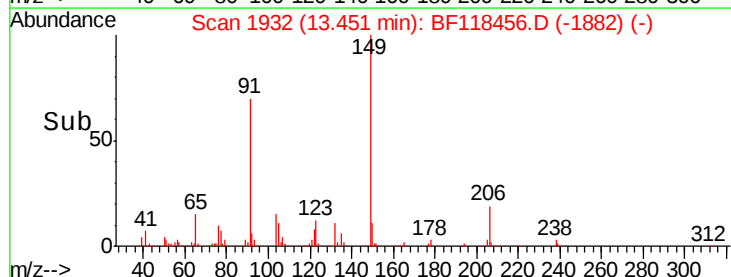
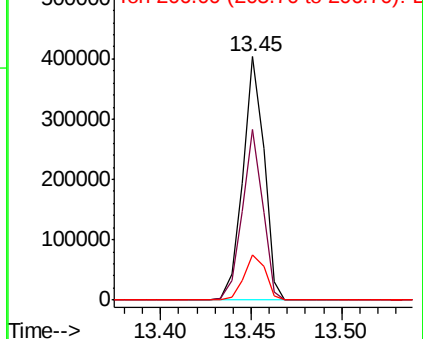
206 18.8 15.7 23.5

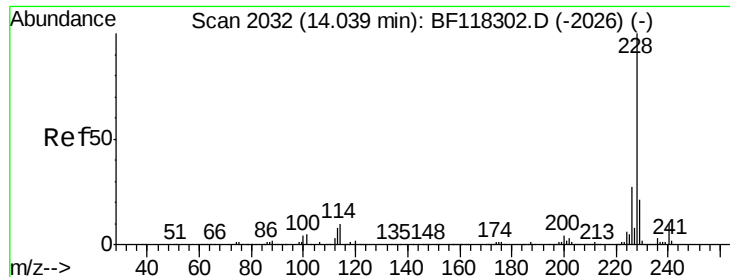


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.506 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

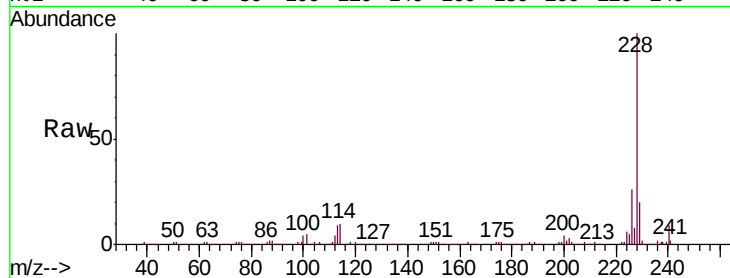
Tgt Ion:228 Resp: 570866

Ion Ratio Lower Upper

228 100

226 26.4 22.0 33.0

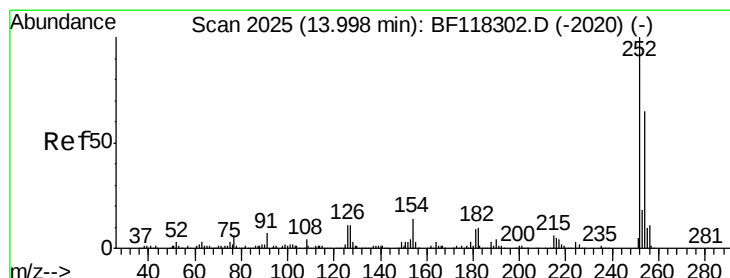
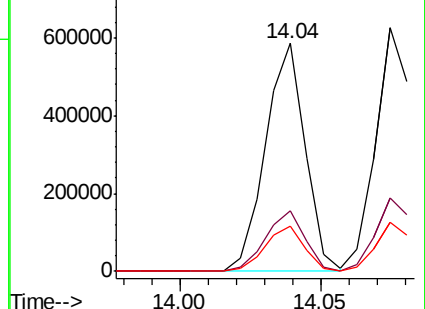
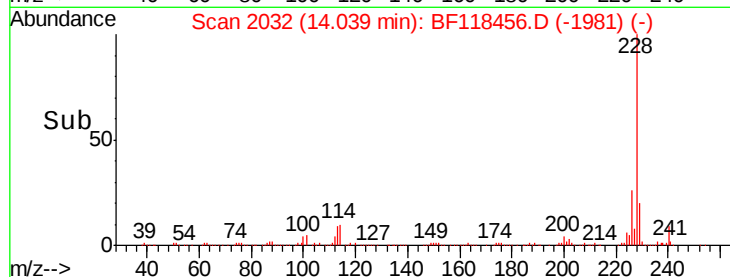
229 19.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.432 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

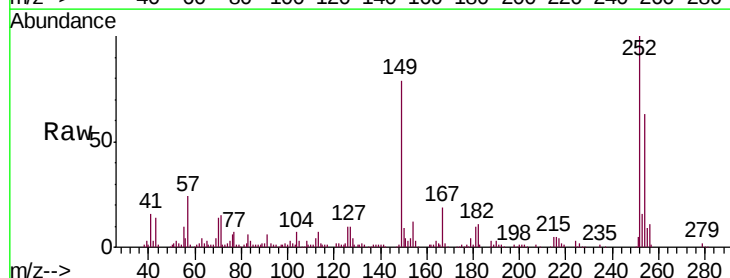
Tgt Ion:252 Resp: 125829

Ion Ratio Lower Upper

252 100

254 62.5 51.8 77.8

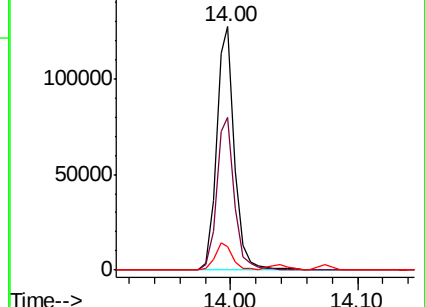
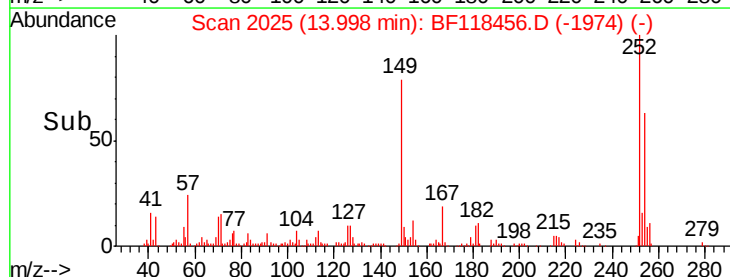
126 9.6 8.7 13.1

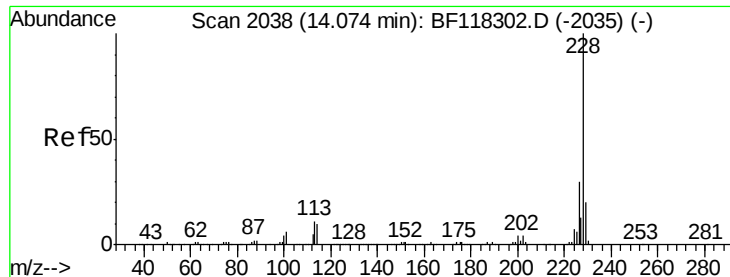


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.174 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

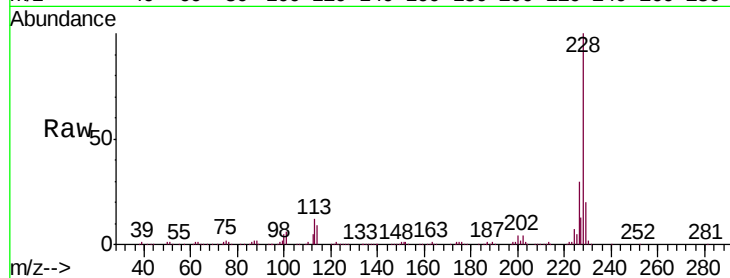
Tgt Ion:228 Resp: 541359

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

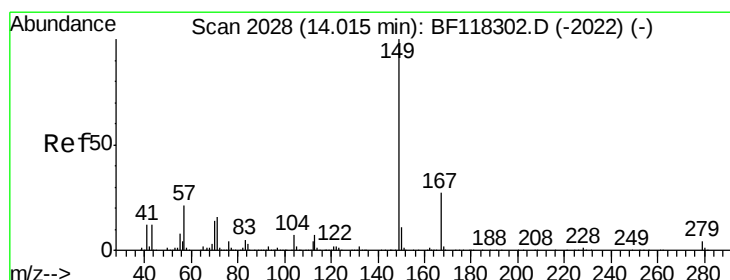
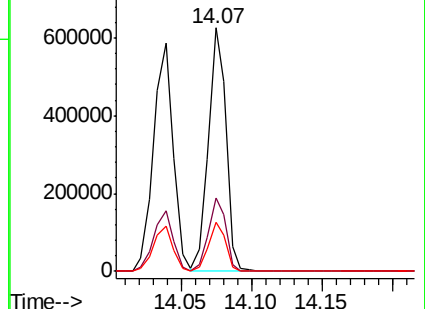
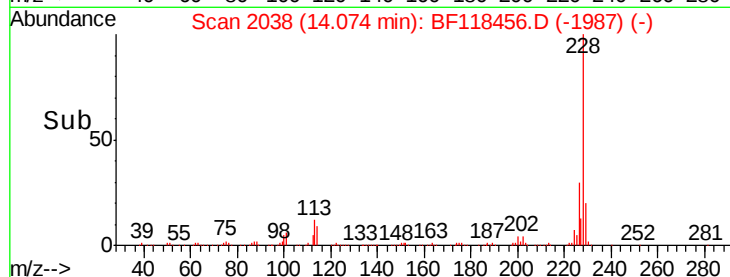
229 20.4 16.1 24.1



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: 40.337 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

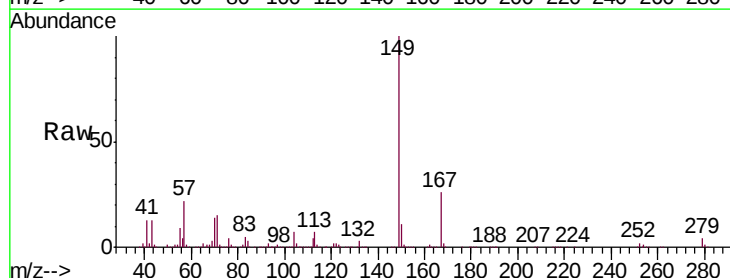
Tgt Ion:149 Resp: 460950

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

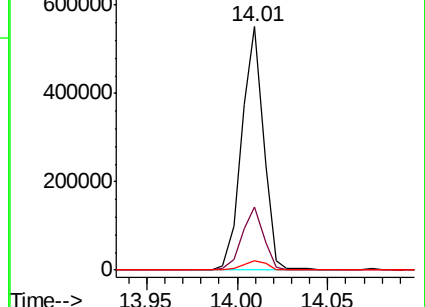
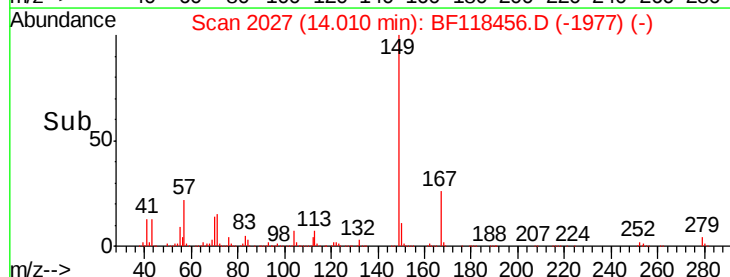
279 4.1 3.4 5.2



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: 45.081 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

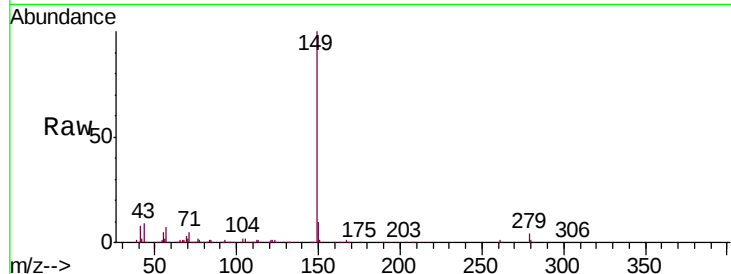
Tgt Ion:149 Resp: 757779

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

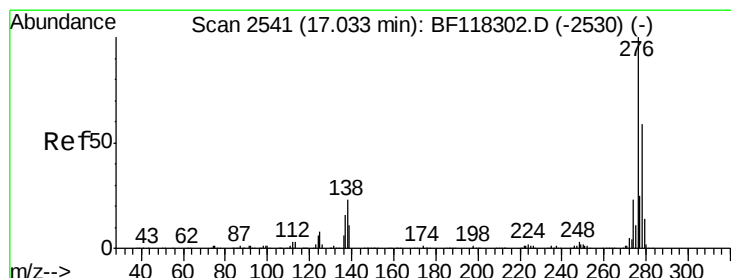
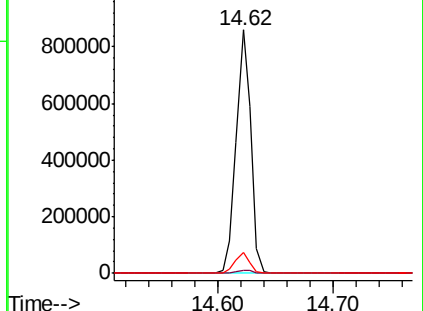
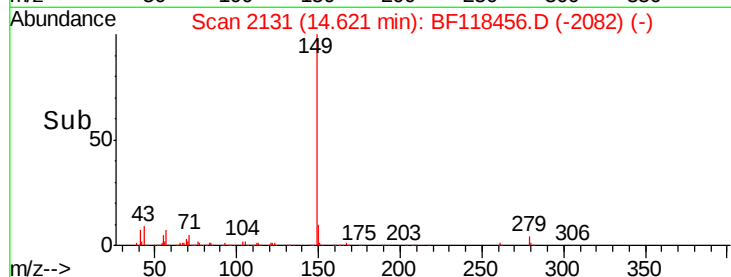
43 8.2 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.022 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

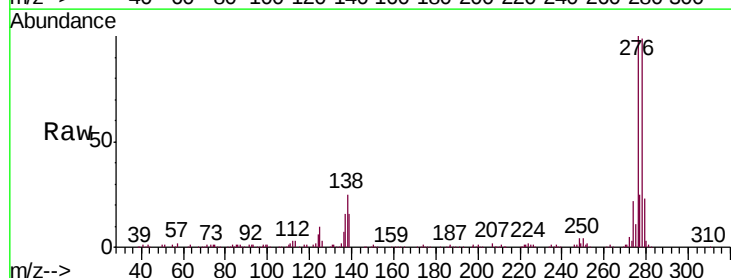
Tgt Ion:276 Resp: 432233

Ion Ratio Lower Upper

276 100

138 23.7 19.5 29.3

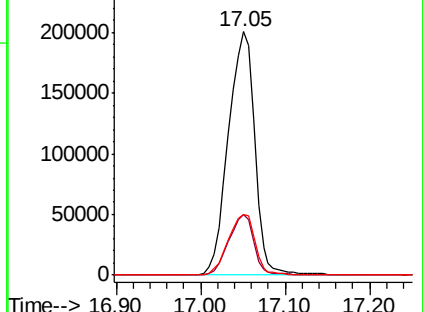
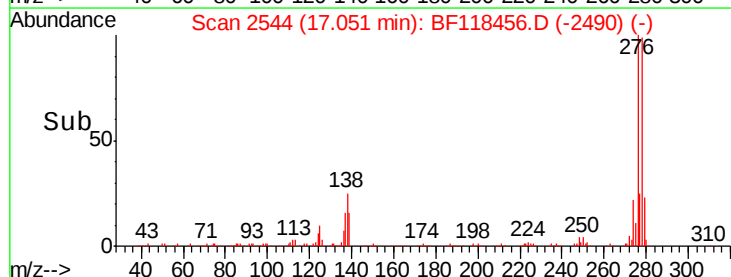
277 25.3 20.6 30.8

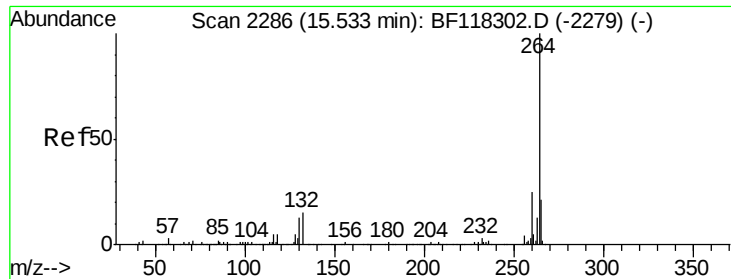


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

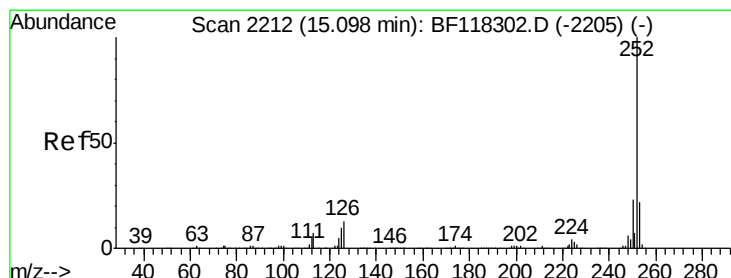
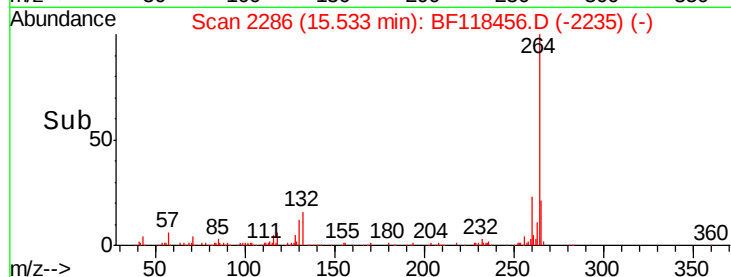
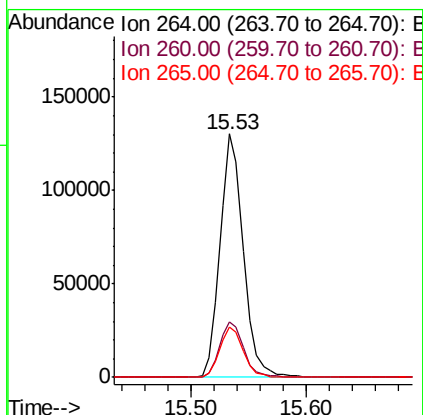
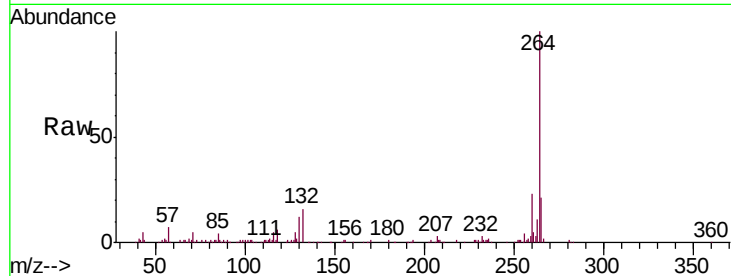




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

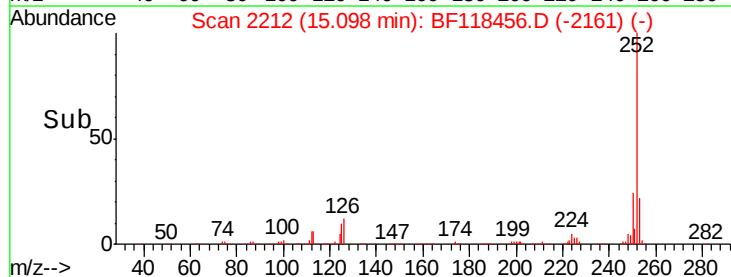
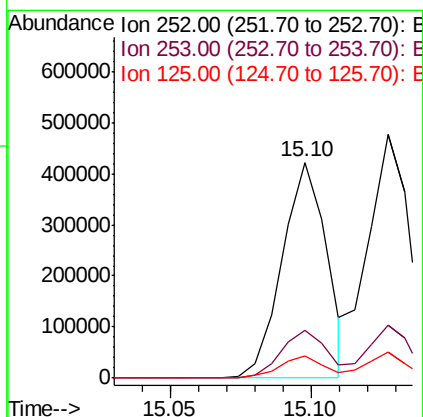
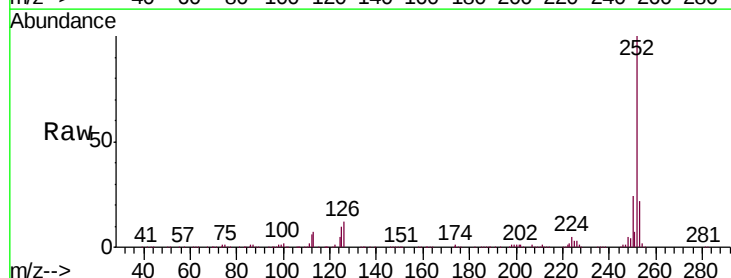
Instrument :
BNA_F
ClientSampleId :
PB125821BS

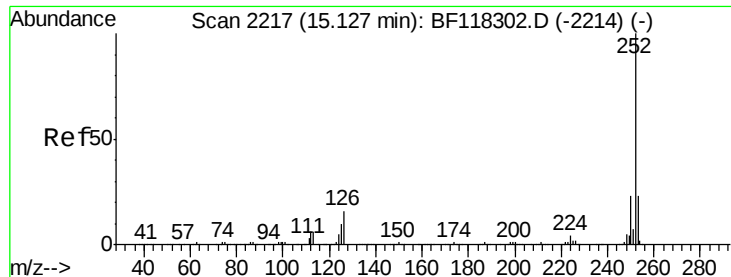
Tgt Ion:264 Resp: 181674
Ion Ratio Lower Upper
264 100
260 22.9 19.8 29.6
265 20.8 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 38.340 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:252 Resp: 462359
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.1 7.7 11.5

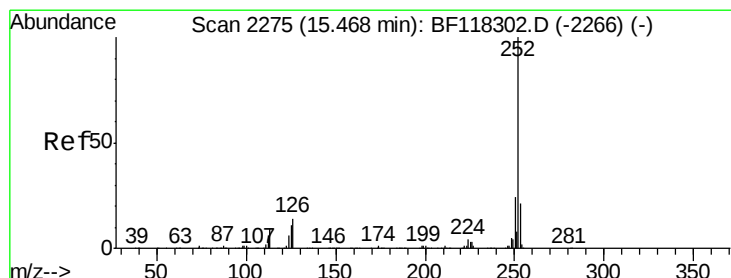
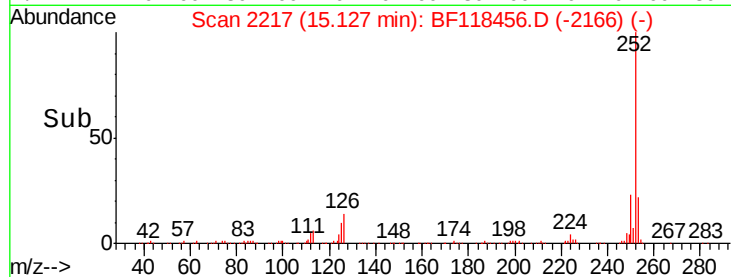
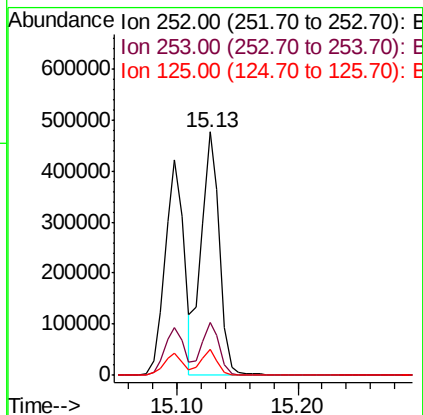
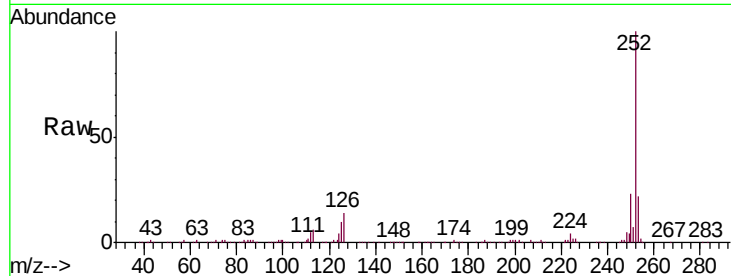




#89
Benzo(k)fluoranthene
Concen: 42.552 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

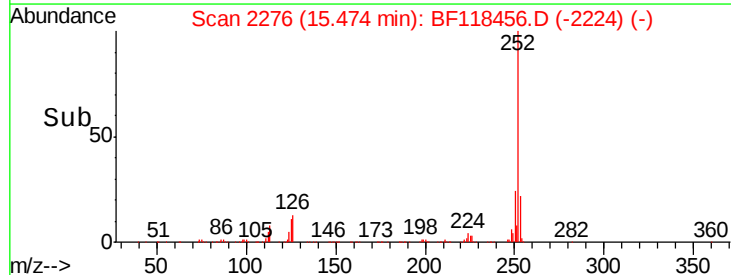
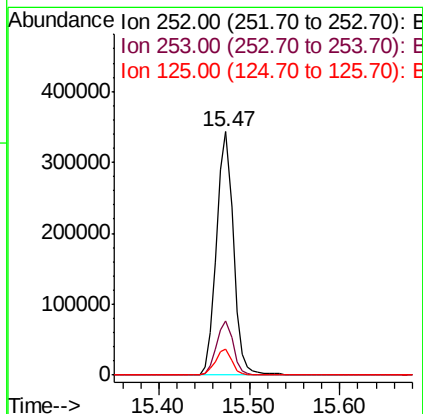
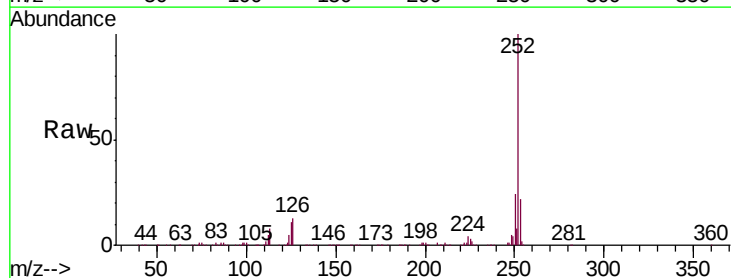
Instrument :
BNA_F
ClientSampleId :
PB125821BS

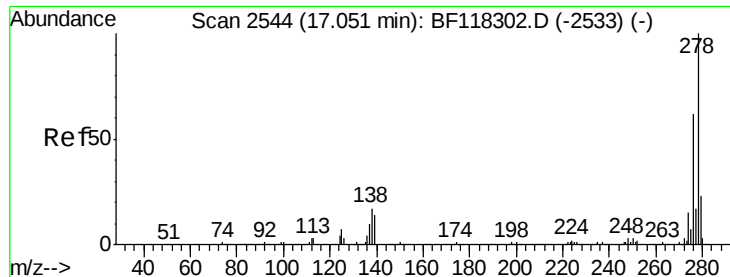
Tgt Ion:252 Resp: 492715
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 41.719 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:252 Resp: 443201
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 39.506 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

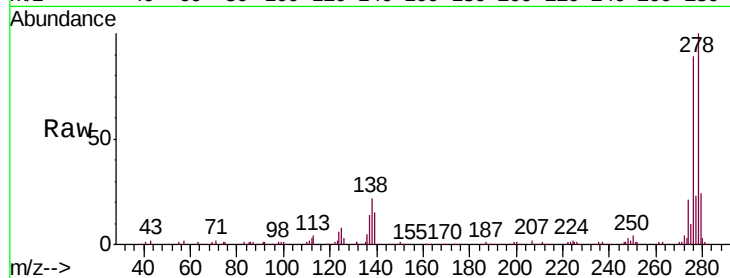
Tgt Ion:278 Resp: 364205

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

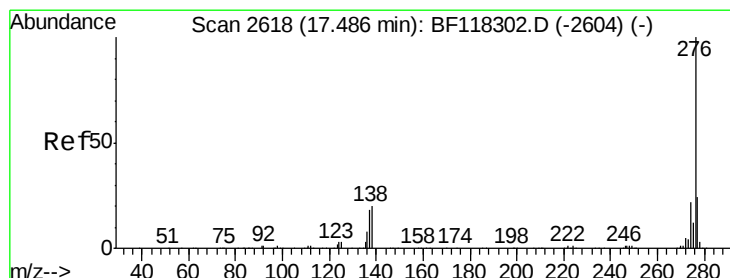
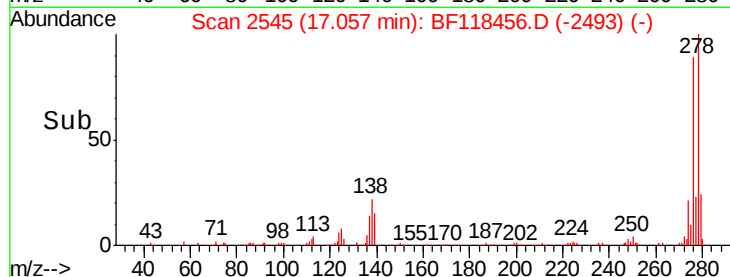
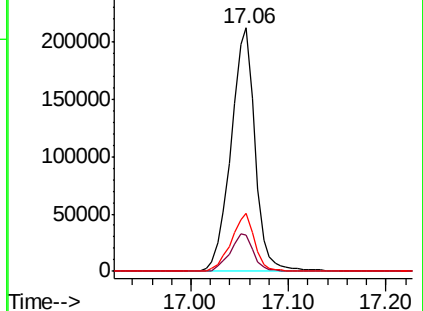
279 23.8 18.3 27.5



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: 40.296 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

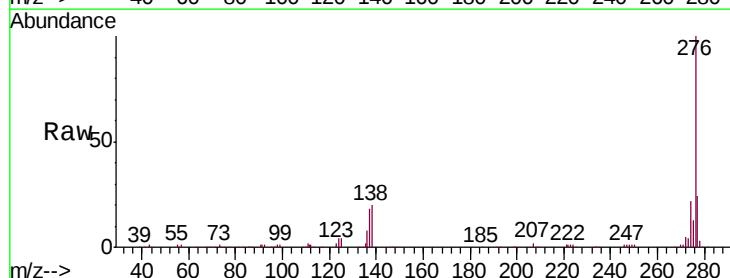
Tgt Ion:276 Resp: 358850

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.7 16.1 24.1



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

