

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103475.D
 Acq On : 7 Mar 2018 00:08
 Operator : SJ/JU
 Sample : J1738-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 02:06:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118706	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	484579	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	184326	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	238552	20.00	ng	0.00
75) Chrysene-d12	14.06	240	191001	20.00	ng	0.00
86) Perylene-d12	15.57	264	158385	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	76029	9.69	ng	0.02
7) Phenol-d6	6.53	99	134085	13.96	ng	0.01
23) Nitrobenzene-d5	7.45	82	72655	8.56	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	11441	7.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	139423	8.62	ng	0.00
78) Terphenyl-d14	12.99	244	89161	11.22	ng	0.00

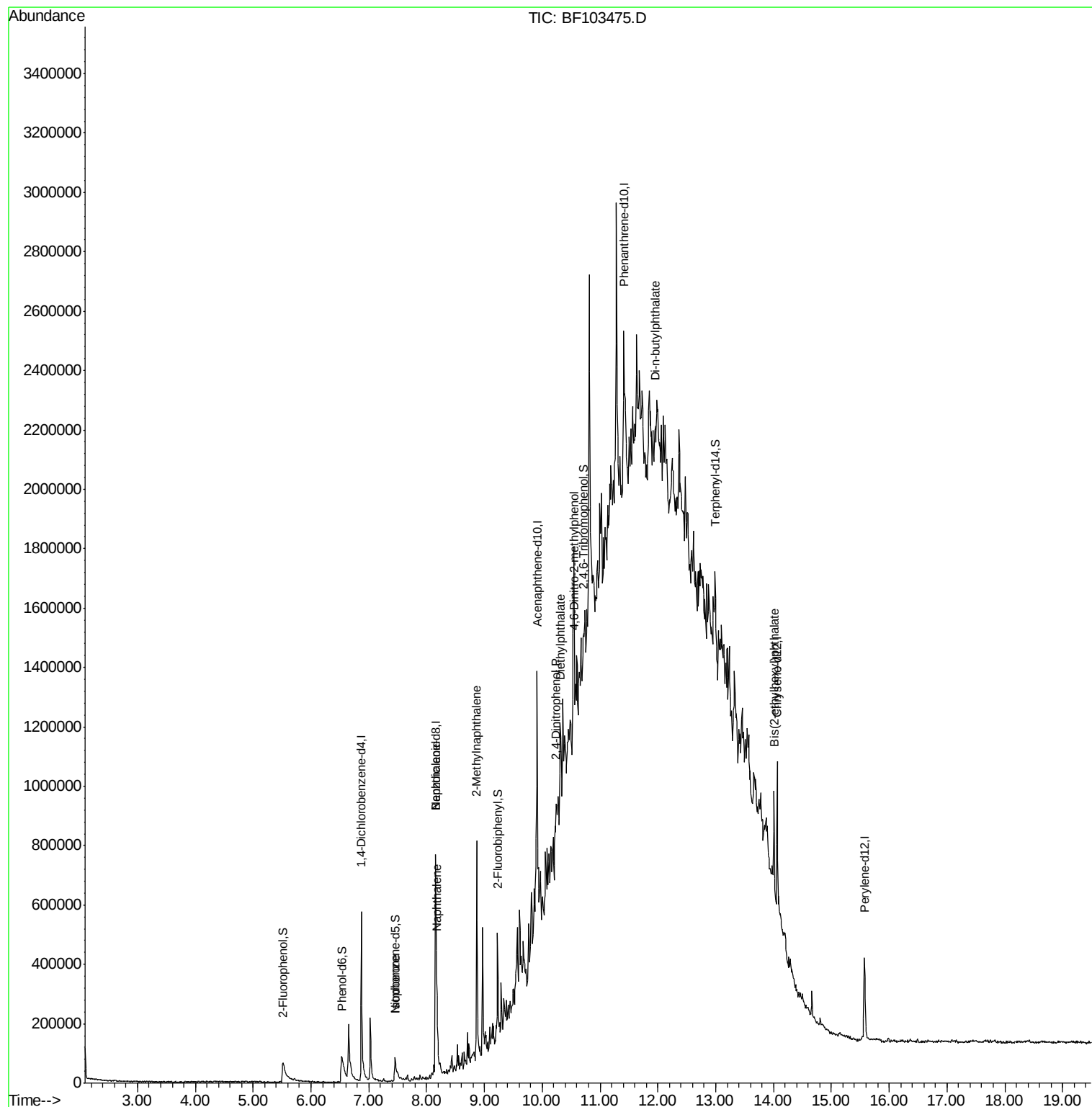
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.55	77	121	Below Cal		# 50
25) Isophorone	7.45	82	72655	4.348	ng	# 64
31) Naphthalene	8.17	128	142383	6.002	ng	# 99
32) Benzoic acid	8.15	122	108	6.932	ng	# 1
37) 2-Methylnaphthalene	8.87	142	258728	16.875	ng	# 99
53) 2,4-Dinitrophenol	10.25	184	497	10.011	ng	# 32
59) Diethylphthalate	10.32	149	36407	2.574	ng	# 87
64) 4,6-Dinitro-2-methylphenol	10.56	198	122	5.021	ng	# 1
73) Di-n-butylphthalate	11.96	149	92118	5.491	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.01	149	79164	7.456	ng	# 99

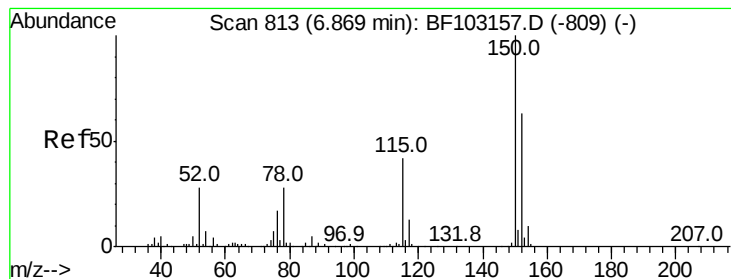
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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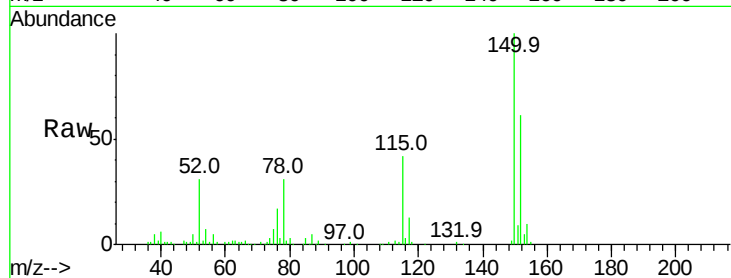


#1

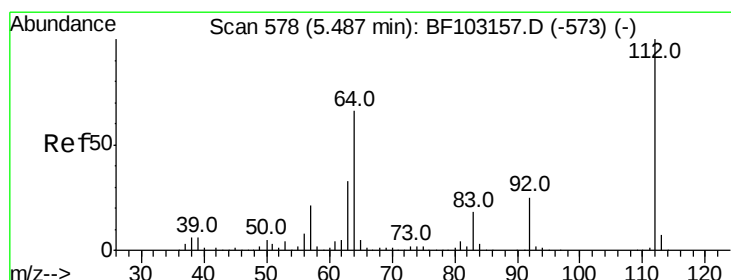
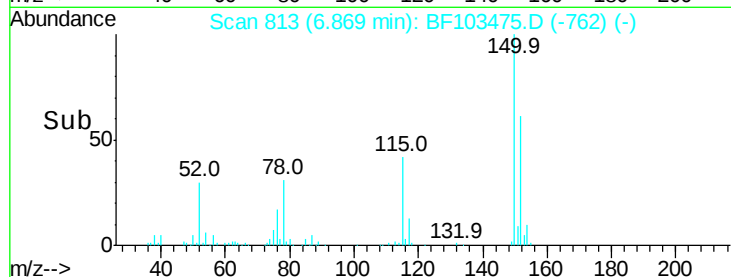
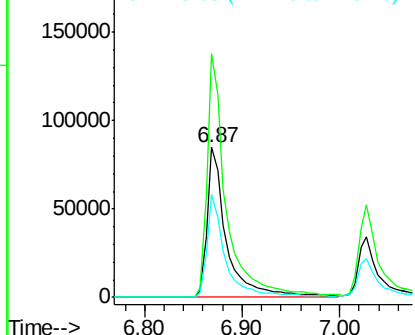
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118706
Ion Ratio Lower Upper
152 100
150 162.8 124.6 186.8
115 68.7 50.1 75.1



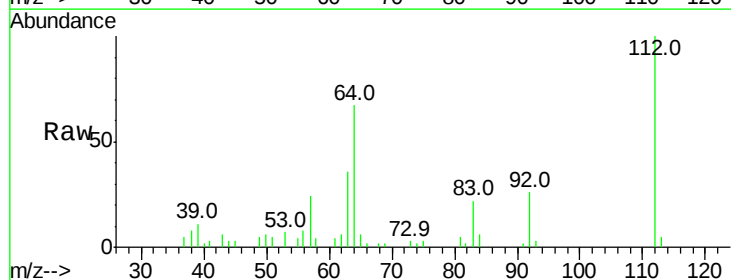
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



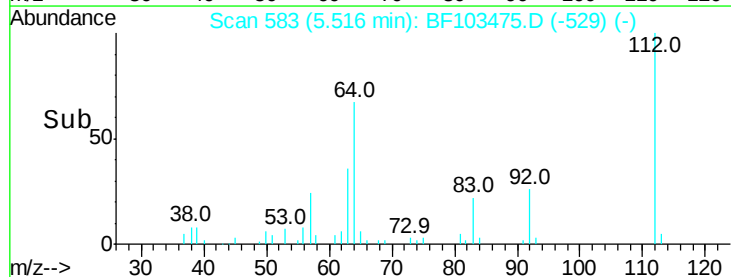
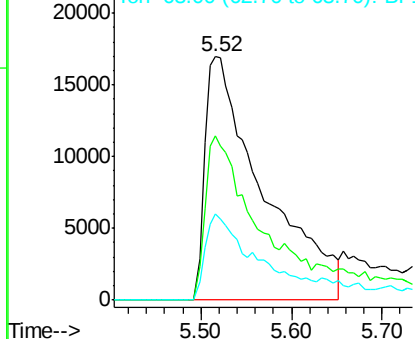
#5

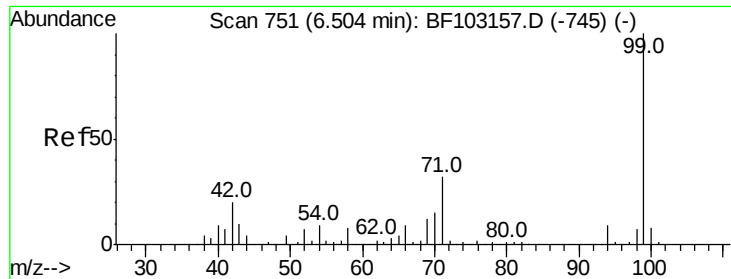
2-Fluorophenol
Concen: 9.687 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

Tgt Ion:112 Resp: 76029
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.6 23.7 35.5#



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





#7

Phenol-d6

Concen: 13.961 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

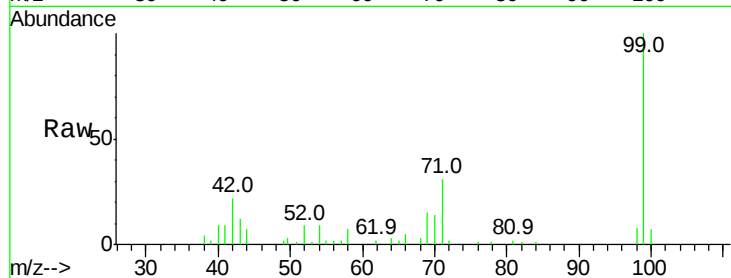
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 134085

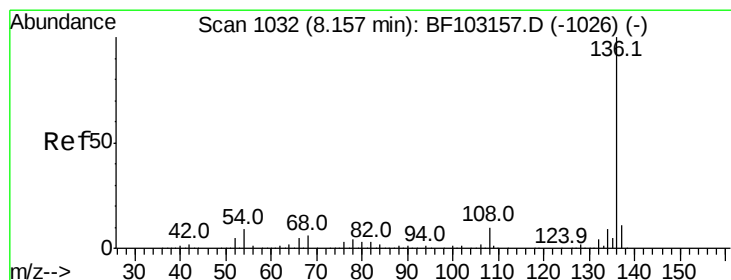
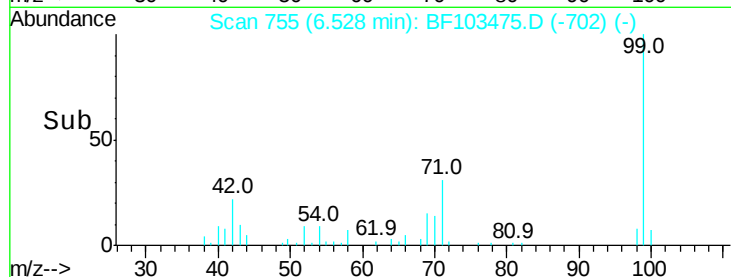
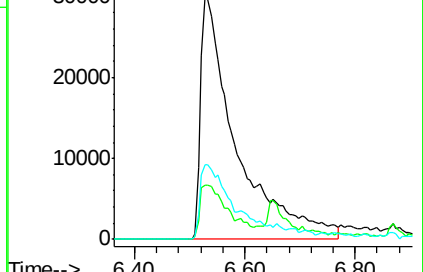
Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	30.6	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Tgt Ion: 136 Resp: 484579

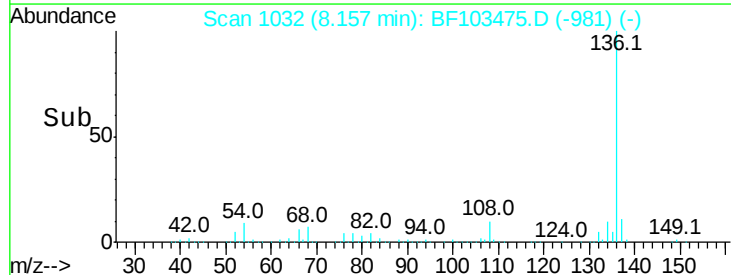
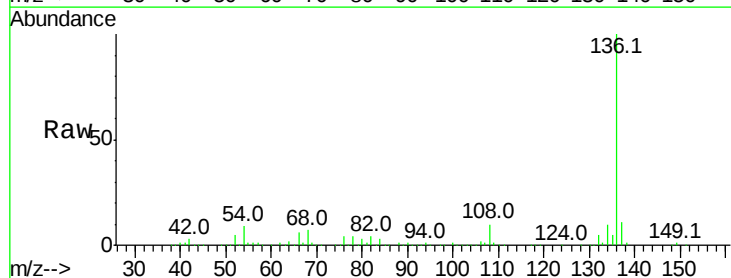
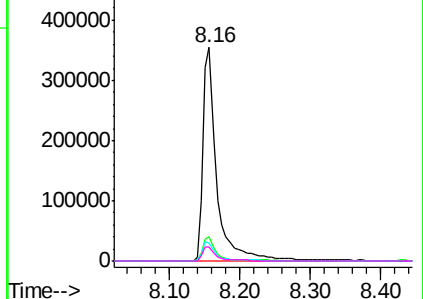
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	6.6	9.8
68	6.6	5.0	7.4

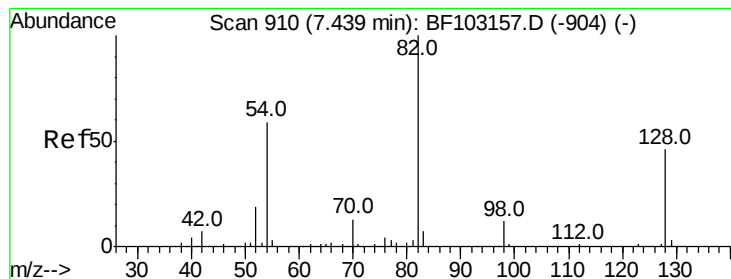
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 8.563 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampled :

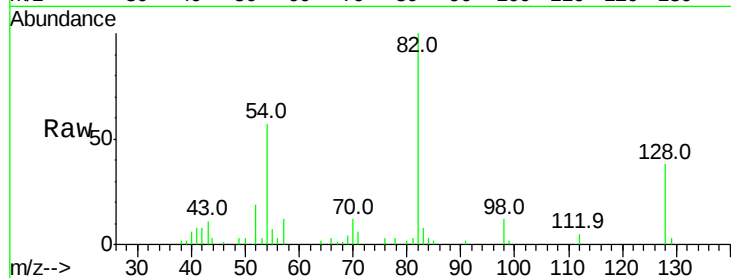
Tot Ion: 82 Resp: 72655

Ion Ratio Lower Upper

82 100

128 38.2 36.1 54.1

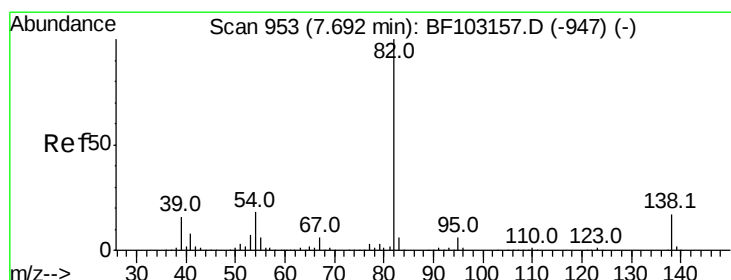
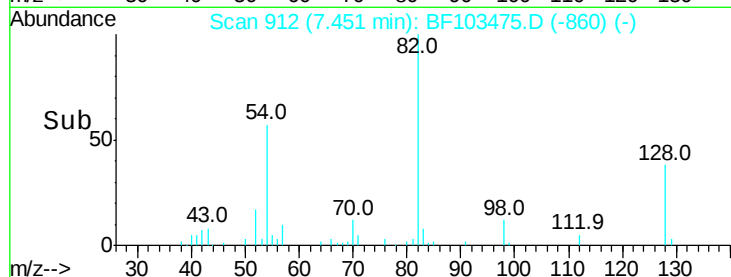
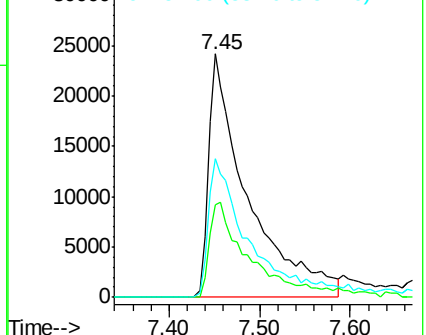
54 56.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 4.348 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.24 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

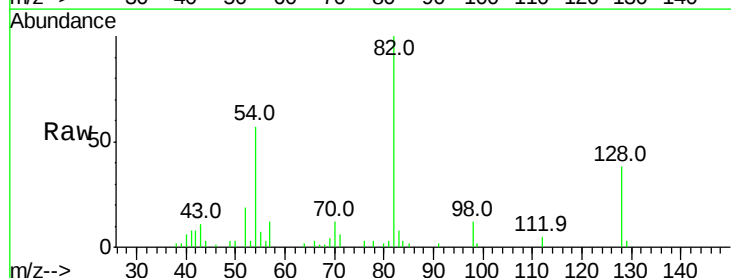
Tgt Ion: 82 Resp: 72655

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

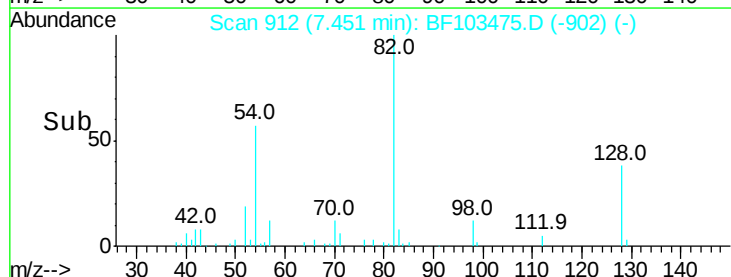
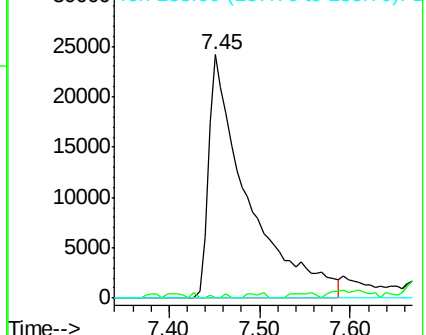
138 0.0 14.9 22.3#

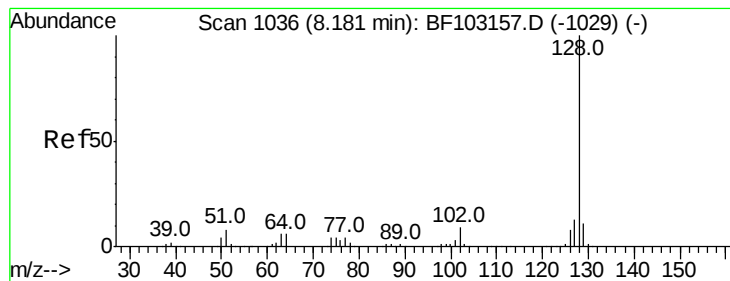


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 6.002 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampled :

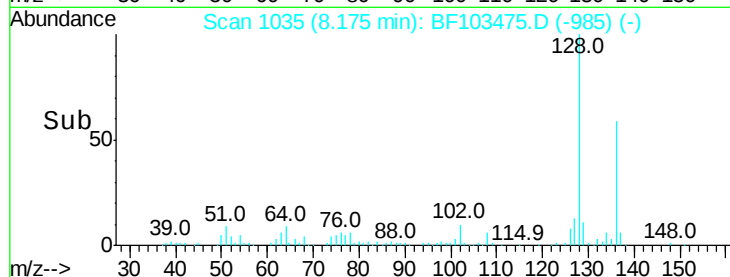
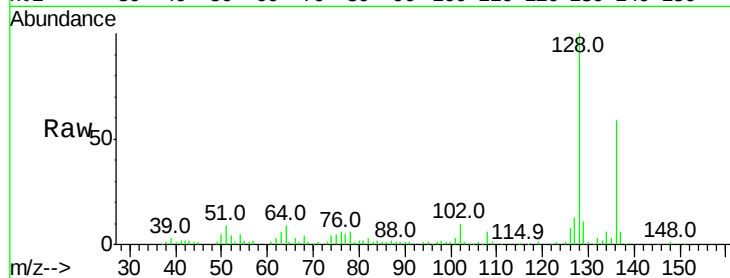
Tot Ion:128 Resp: 142383

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

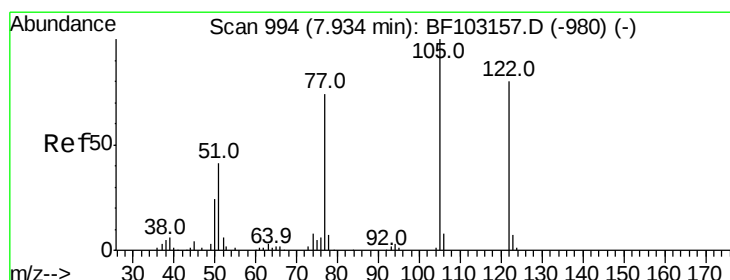
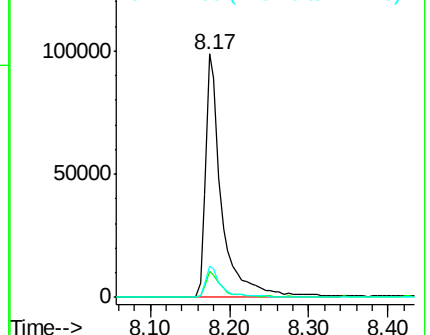
127 12.9 10.9 16.3



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: 6.932 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.19 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

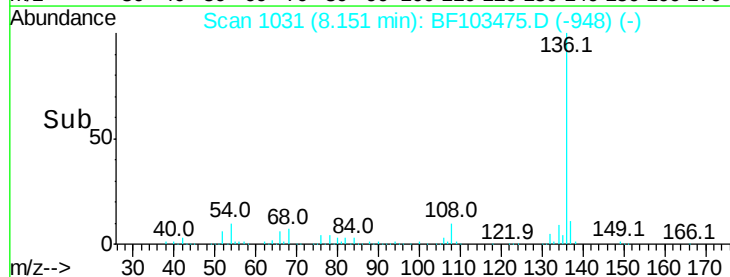
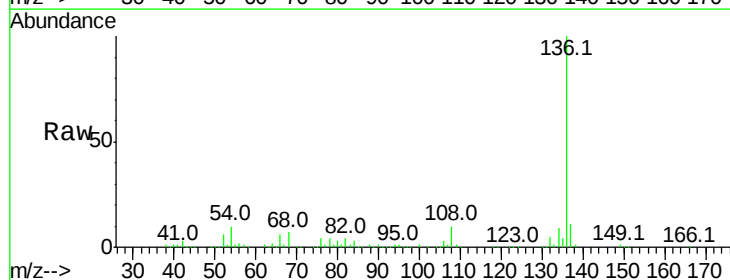
Tgt Ion:122 Resp: 108

Ion Ratio Lower Upper

122 100

105 250.0 101.1 141.1#

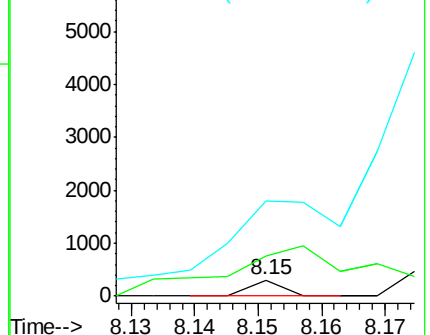
77 586.3 70.7 110.7#

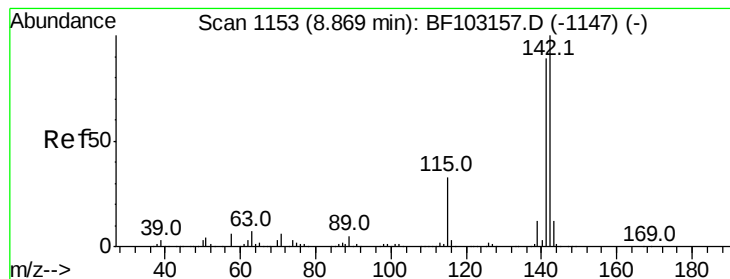


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#37

2-Methylnaphthalene

Concen: 16.875 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampleId :

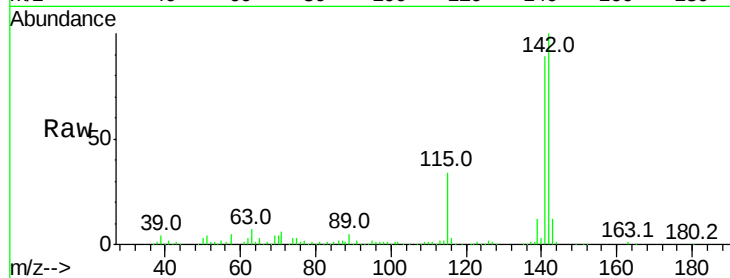
Tot Ion:142 Resp: 258728

Ion Ratio Lower Upper

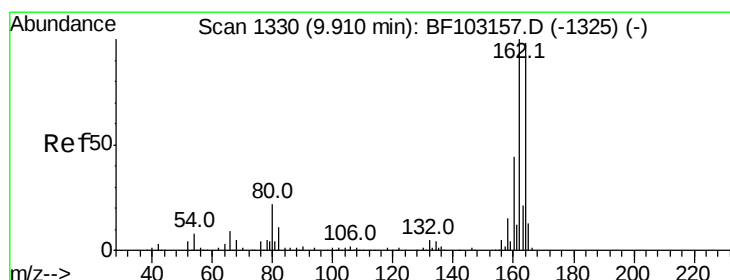
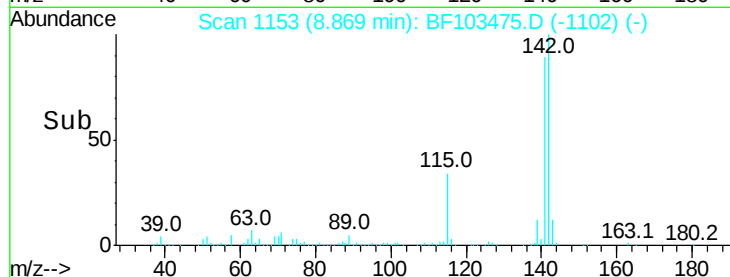
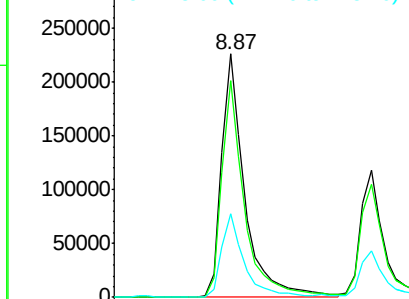
142 100

141 89.1 70.8 106.2

115 34.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

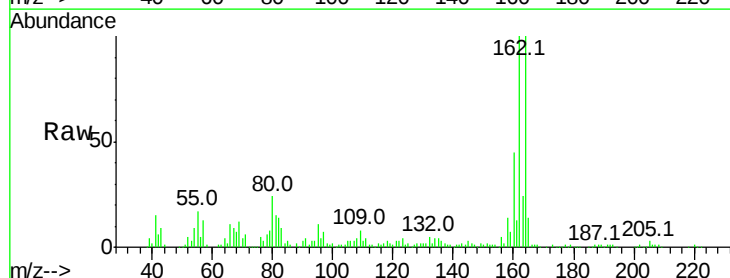
Tgt Ion:164 Resp: 184326

Ion Ratio Lower Upper

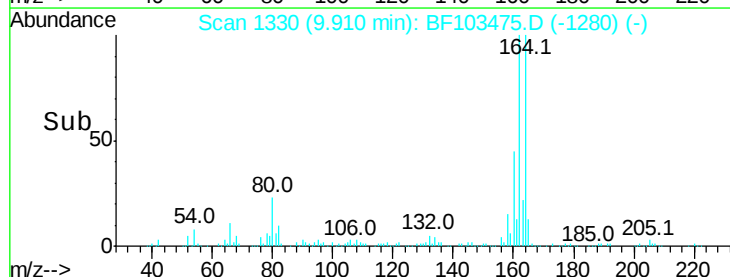
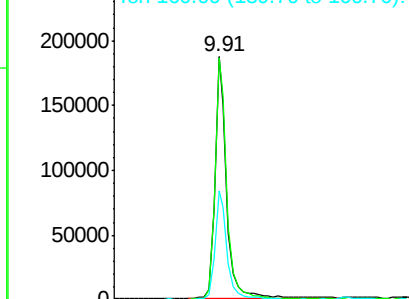
164 100

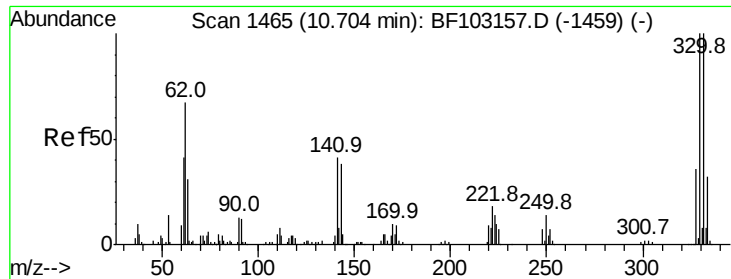
162 99.7 86.1 129.1

160 44.8 38.3 57.5



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

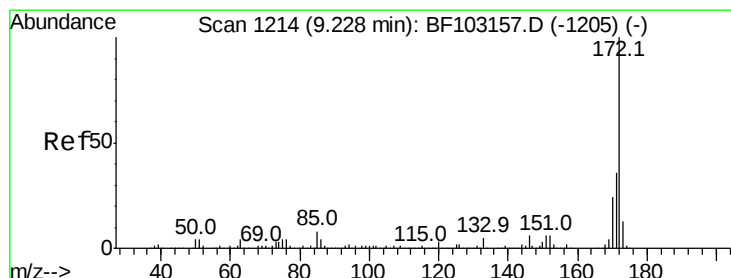
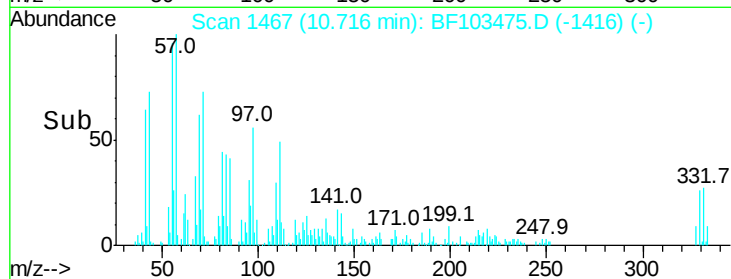
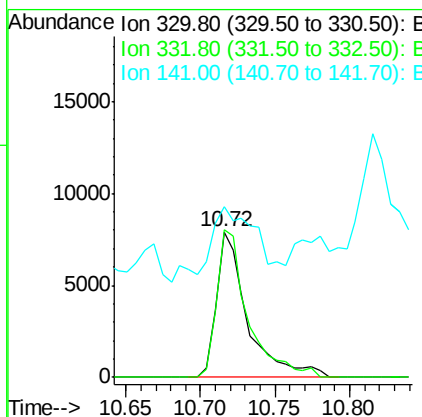
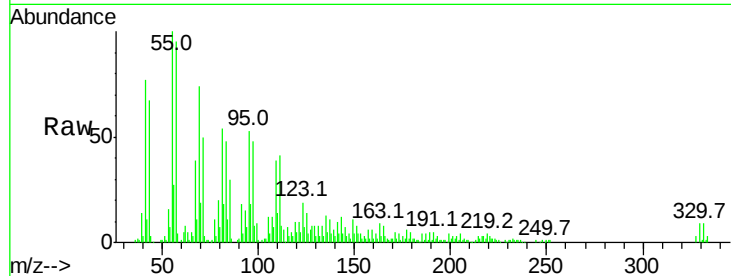




#41
 2,4,6-Tribromophenol
 Concen: 7.333 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

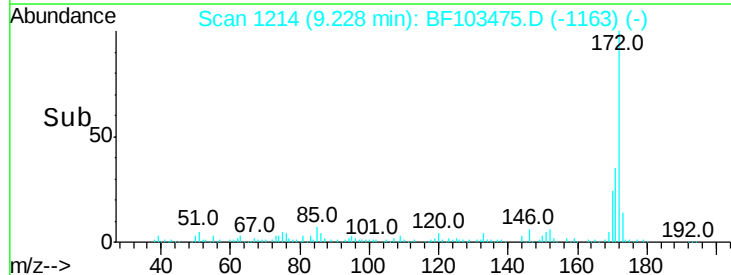
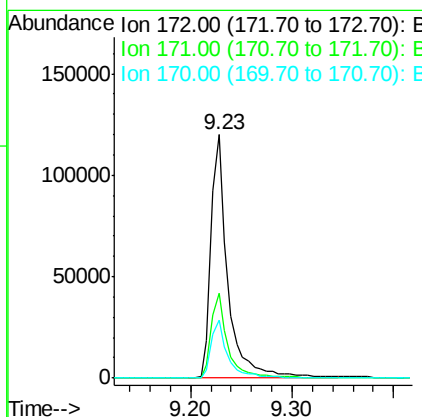
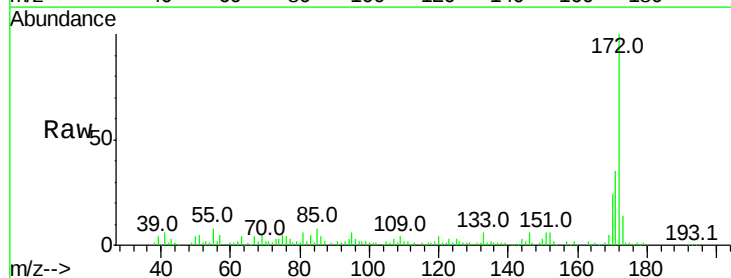
Instrument :
 BNA_F
 ClientSampled :

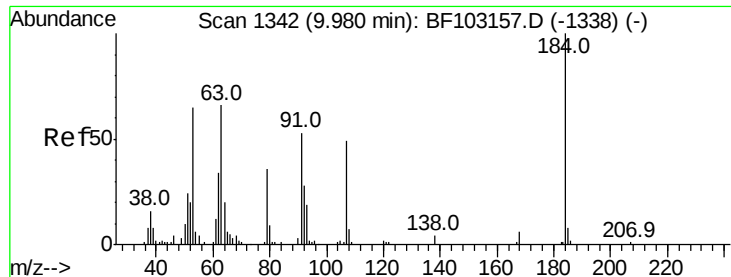
Tot Ion:330 Resp: 11441
 Ion Ratio Lower Upper
 330 100
 332 102.2 77.0 115.6
 141 80.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 8.620 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

Tgt Ion:172 Resp: 139423
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.7 19.6 29.4

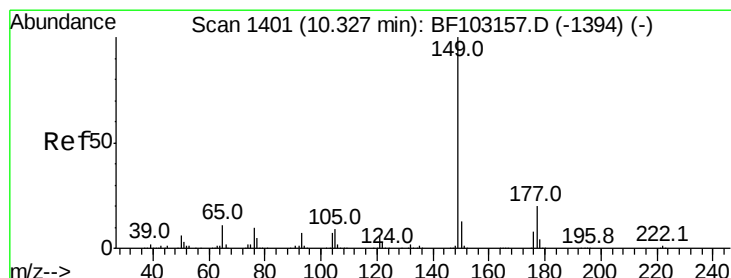
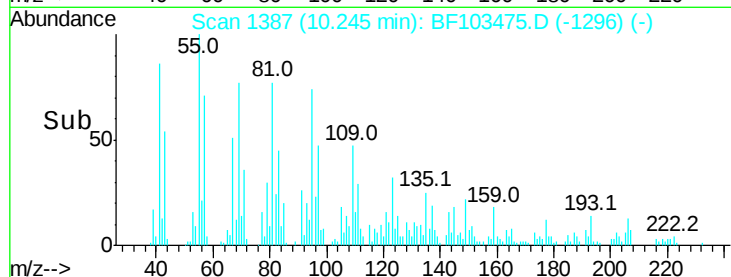
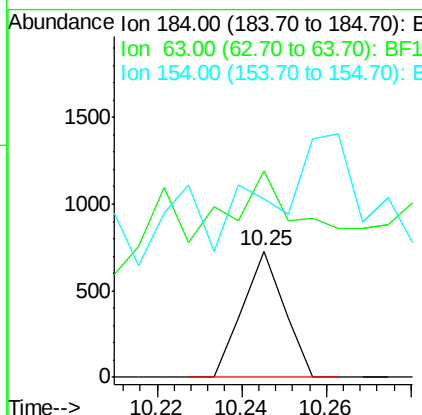
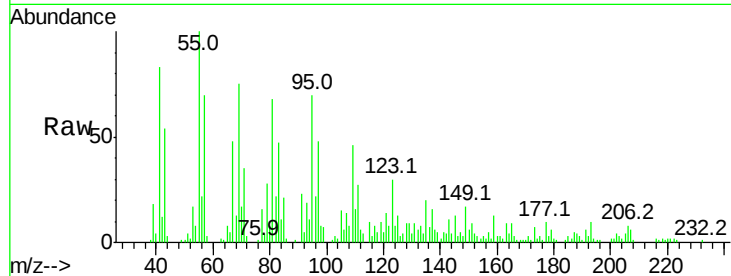




#53
 2,4-Dinitrophenol
 Concen: 10.011 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.24 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

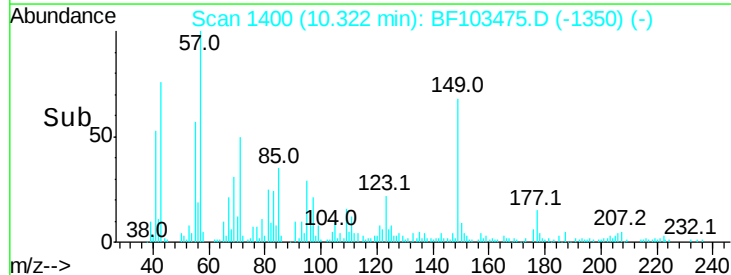
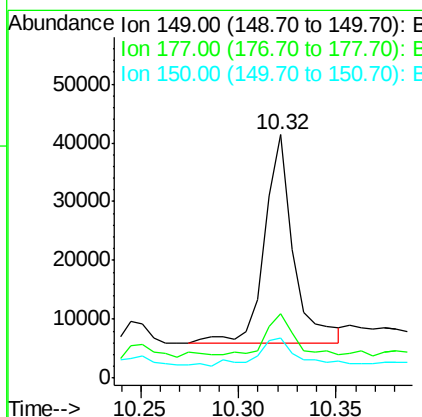
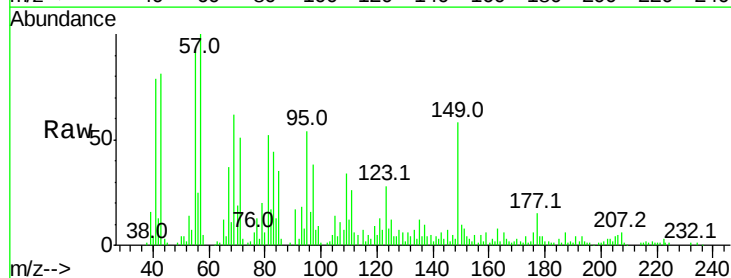
Instrument :
 BNA_F
 ClientSampleId :

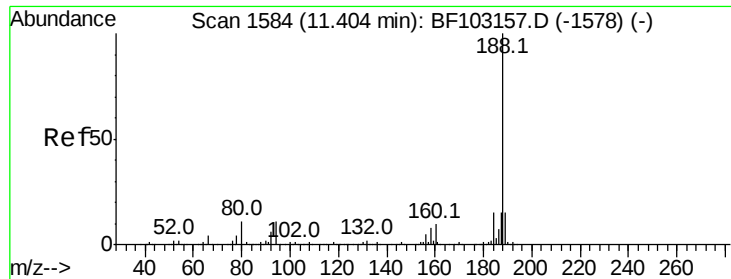
Tot Ion:184 Resp: 497
 Ion Ratio Lower Upper
 184 100
 63 164.0 54.2 81.2#
 154 141.8 184.0 276.0#



#59
 Diethylphthalate
 Concen: 2.574 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

Tgt Ion:149 Resp: 36407
 Ion Ratio Lower Upper
 149 100
 177 26.7 16.1 24.1#
 150 16.7 10.1 15.1#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampled :

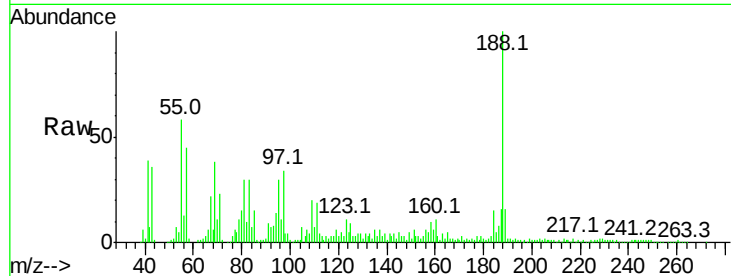
Tot Ion:188 Resp: 238552

Ion Ratio Lower Upper

188 100

94 13.7 8.5 12.7#

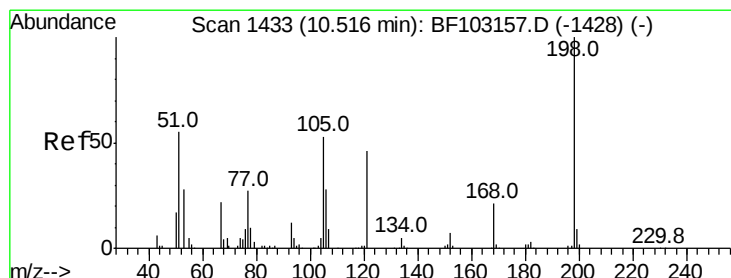
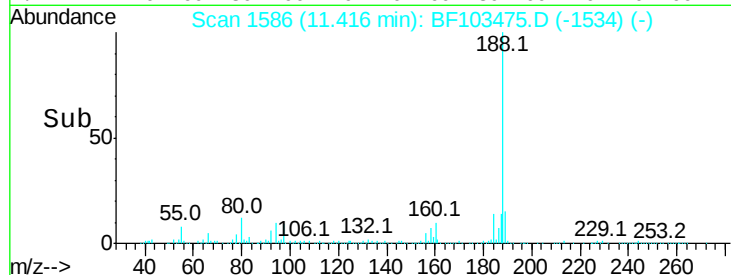
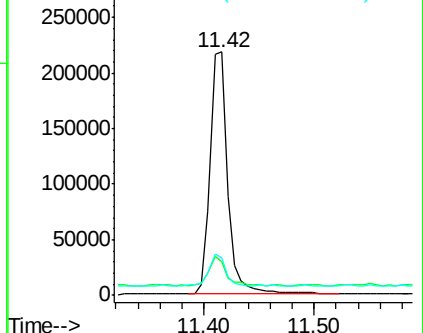
80 15.4 9.2 13.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.021 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.03 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

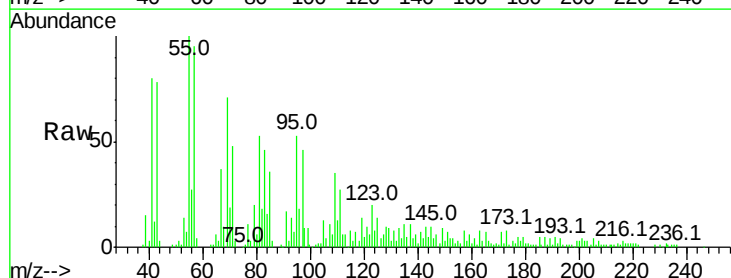
Tgt Ion:198 Resp: 122

Ion Ratio Lower Upper

198 100

51 725.9 37.7 77.7#

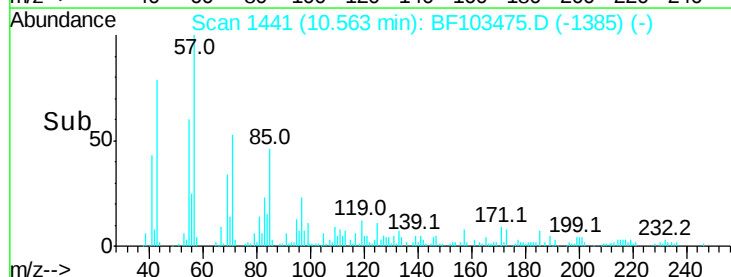
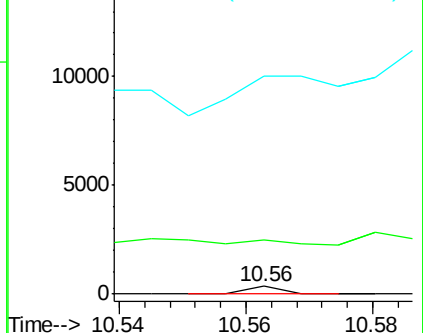
105 2887.0 36.3 76.3#

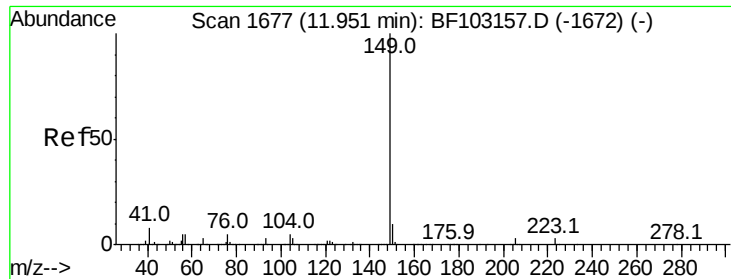


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

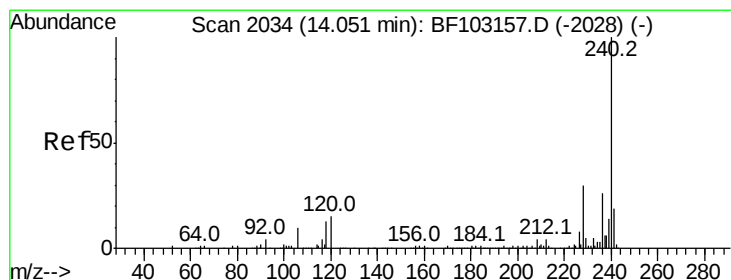
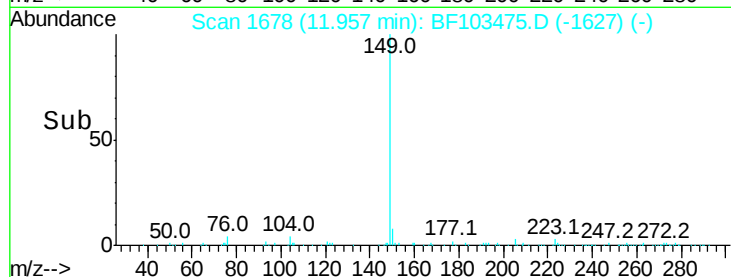
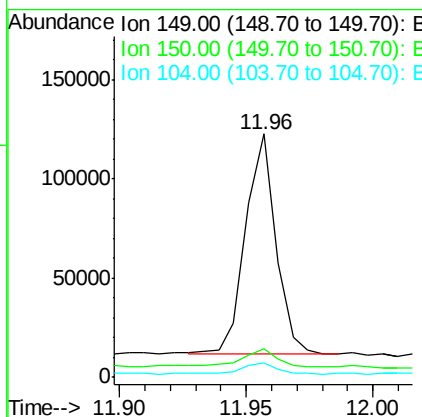
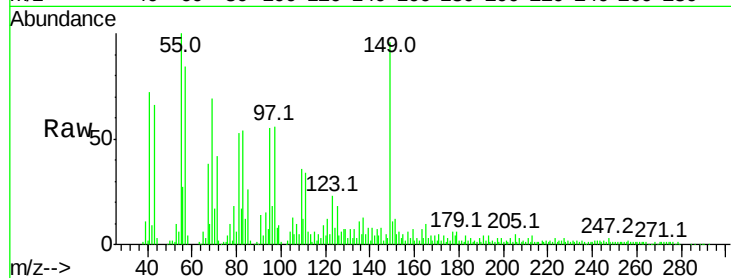




#73
Di-n-butylphthalate
Concen: 5.491 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

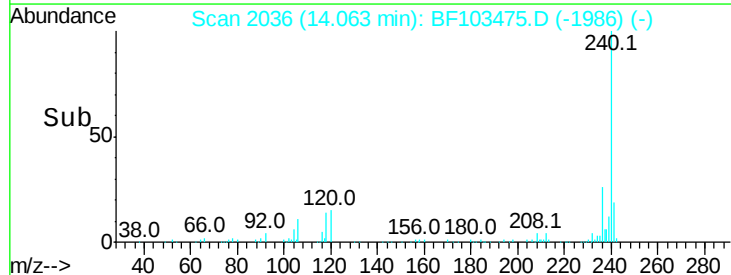
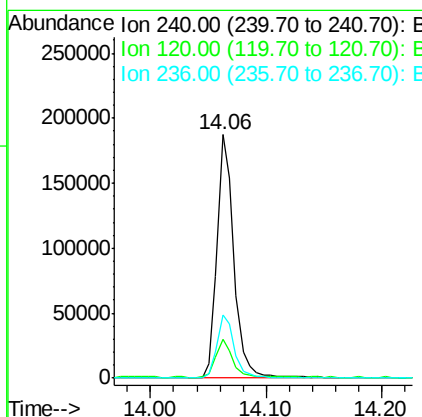
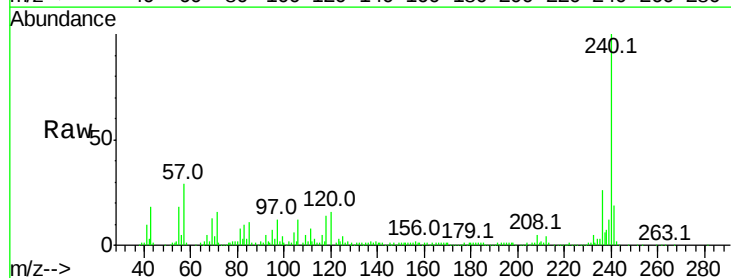
Instrument :
BNA_F
ClientSampleId :

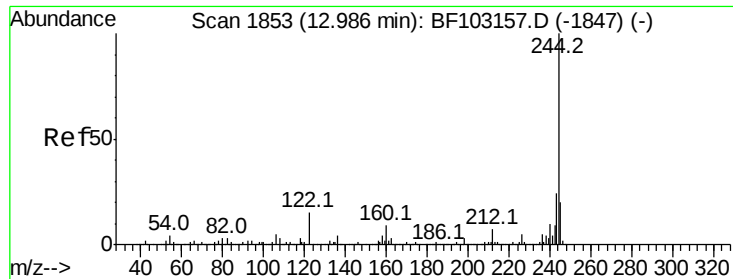
Tot Ion:149 Resp: 92118
Ion Ratio Lower Upper
149 100
150 11.7 7.8 11.6#
104 5.8 3.8 5.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103475.D
Acq: 7 Mar 2018 00:08

Tgt Ion:240 Resp: 191001
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 11.221 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

Instrument :

BNA_F

ClientSampleId :

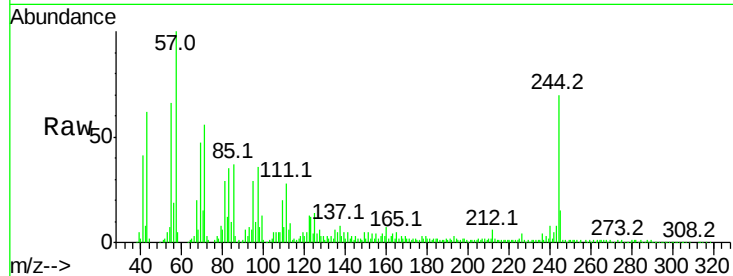
Tot Ion:244 Resp: 89161

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

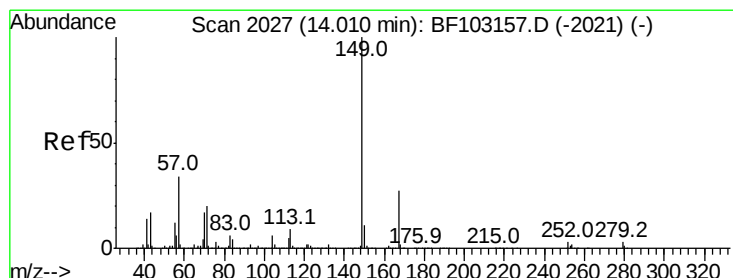
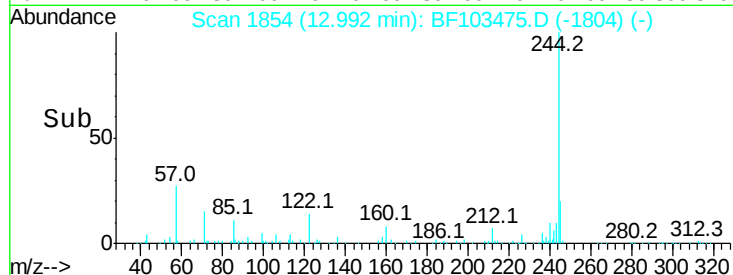
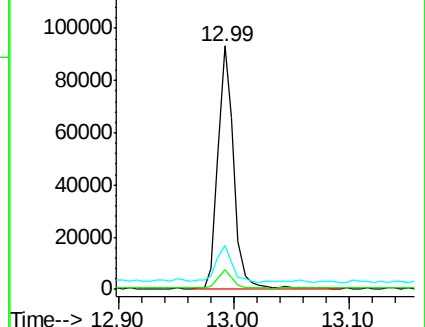
122 17.9 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.456 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103475.D

Acq: 7 Mar 2018 00:08

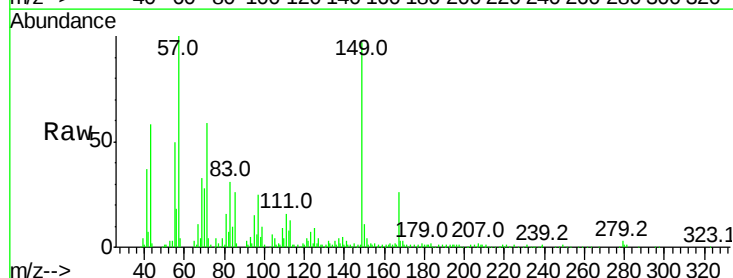
Tgt Ion:149 Resp: 79164

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

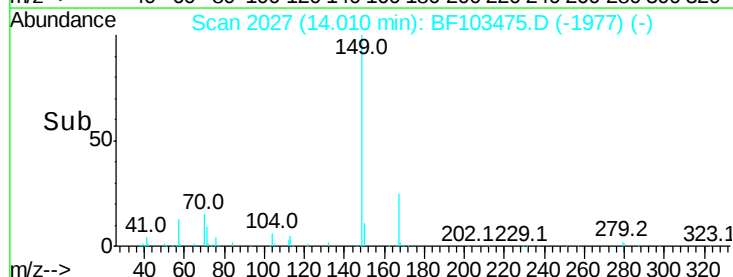
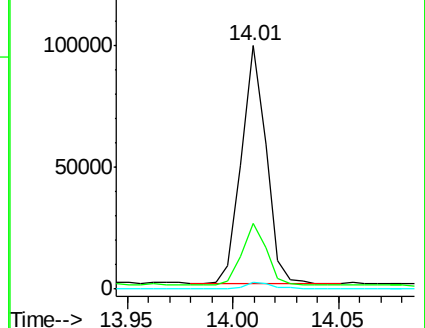
279 2.6 3.0 4.4#

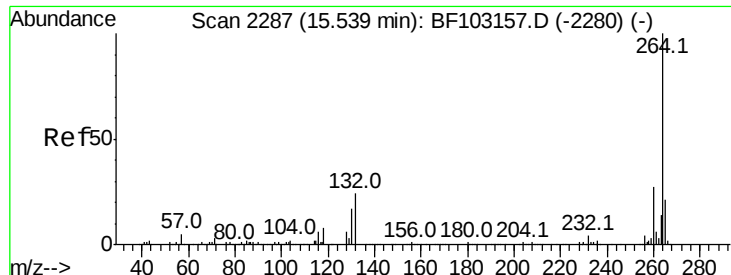


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

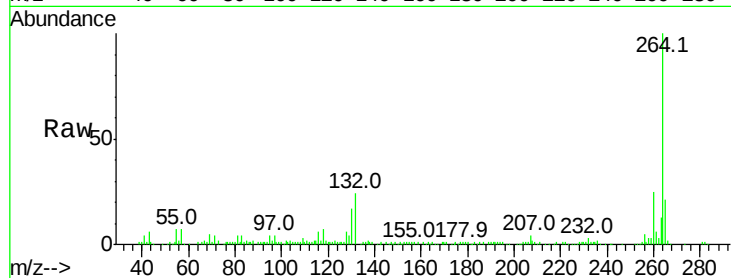




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF103475.D
 Acq: 7 Mar 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.1	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

