

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103651.D
 Acq On : 14 Mar 2018 19:59
 Operator : SJ/JU
 Sample : J1754-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:01:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

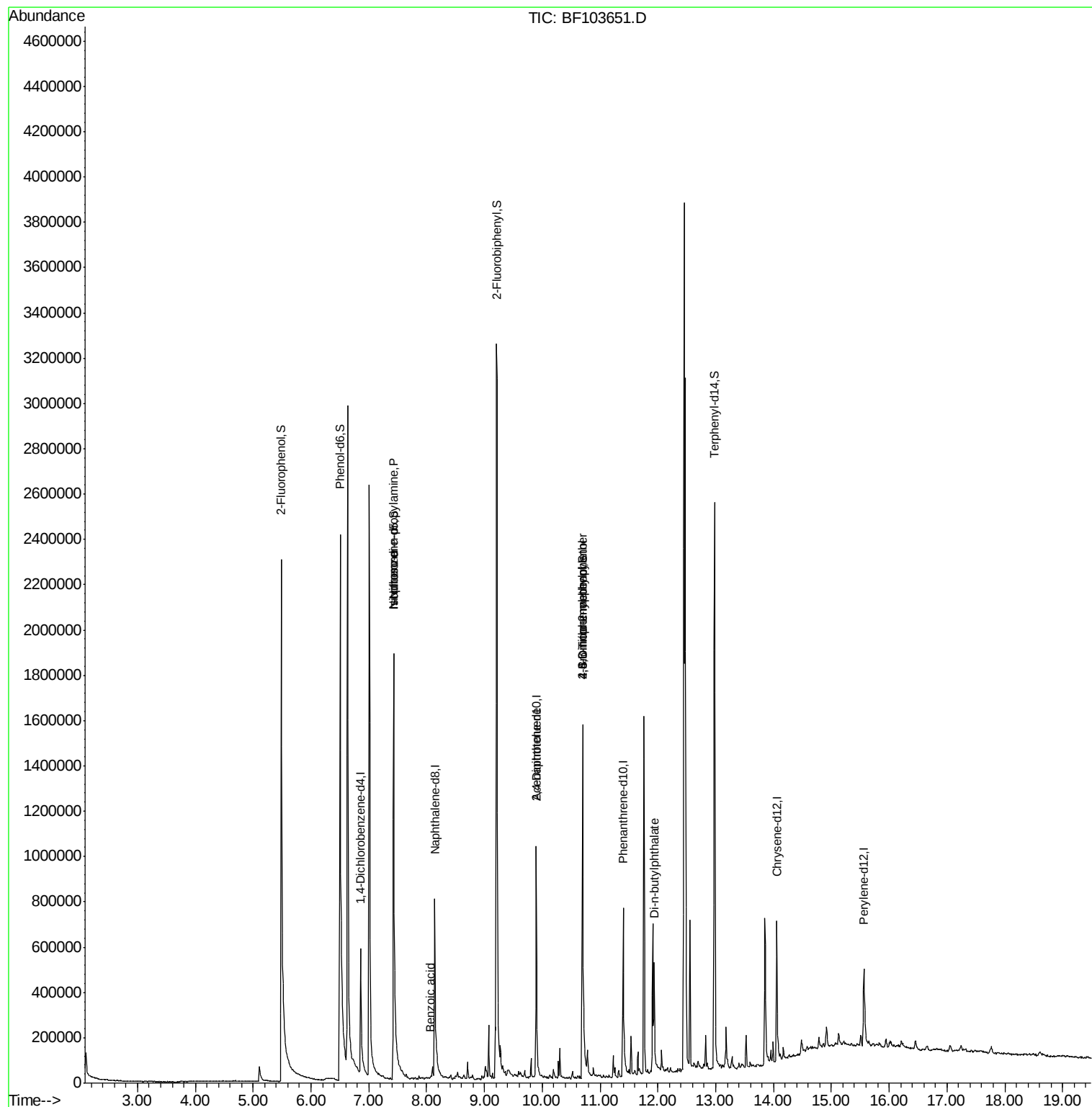
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138669	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	592260	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	254982	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	409575	20.00	ng	0.00
75) Chrysene-d12	14.06	240	252879	20.00	ng	0.00
86) Perylene-d12	15.57	264	220919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1166439	127.22	ng	0.00
7) Phenol-d6	6.50	99	1465459	130.62	ng	0.00
23) Nitrobenzene-d5	7.43	82	996654	96.10	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	235020	108.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1366508	94.88	ng	0.00
78) Terphenyl-d14	12.98	244	941873	89.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	2725	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	126921	18.177 ng	#	1
25) Isophorone	7.43	82	998730	48.897 ng	#	85
32) Benzoic acid	8.06	122	107	6.929 ng	#	64
56) 2,4-Dinitrotoluene	9.89	165	32847	6.050 ng	#	74
64) 4,6-Dinitro-2-methylphenol	10.70	198	321	5.061 ng	#	24
66) 4-Bromophenyl-phenylether	10.70	248	15606	3.658 ng	#	1
73) Di-n-butylphthalate	11.94	149	232429	8.070 ng		1
						99

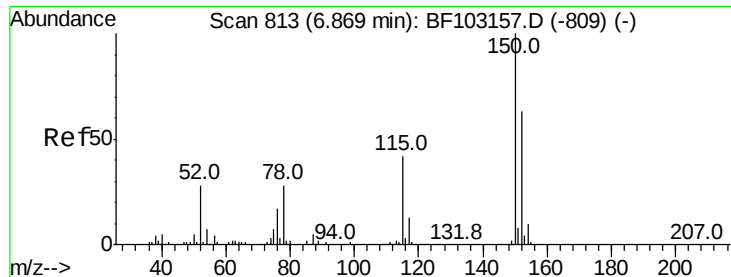
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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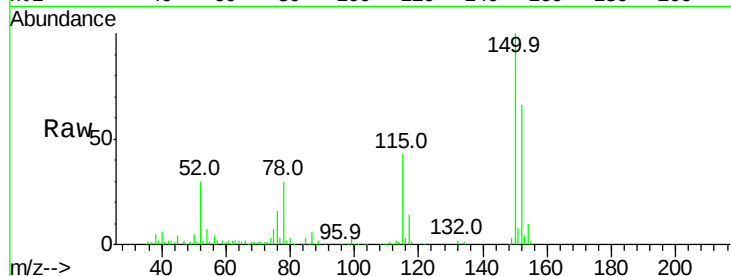


#1

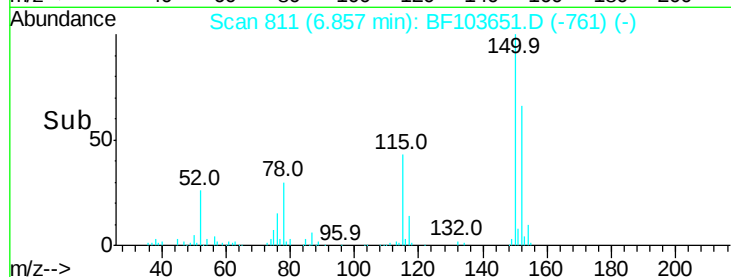
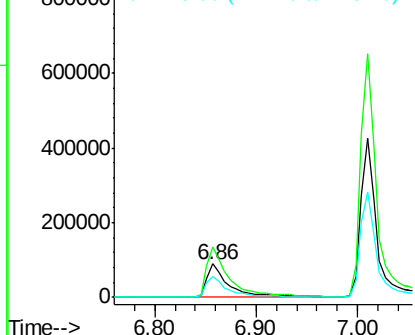
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138669
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 64.5 50.1 75.1



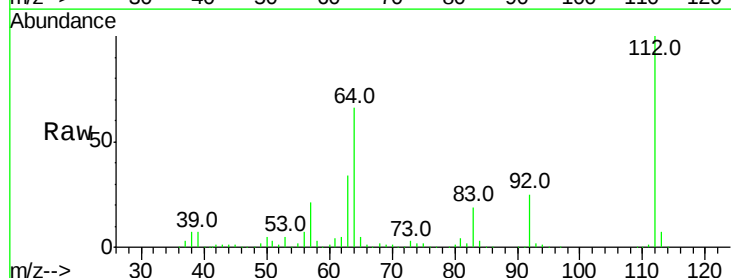
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



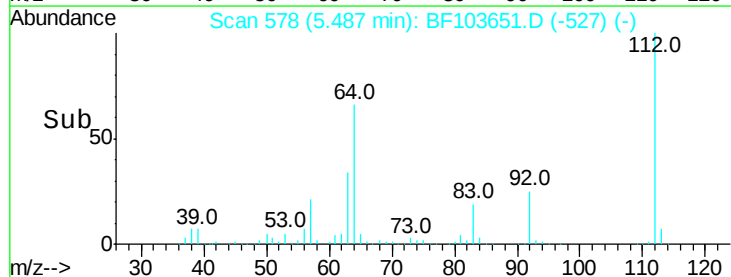
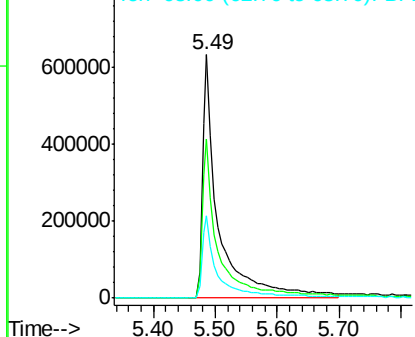
#5

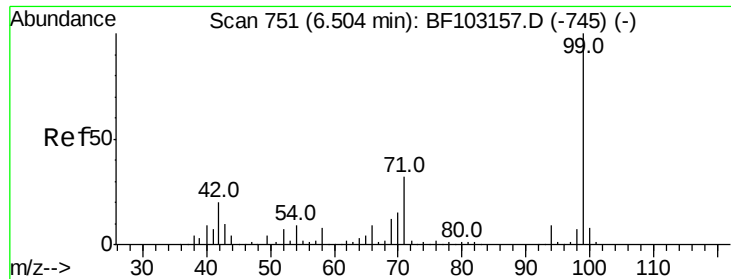
2-Fluorophenol
Concen: 127.221 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Tgt Ion:112 Resp: 1166439
Ion Ratio Lower Upper
112 100
64 65.5 47.9 71.9
63 33.8 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: 130.621 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampled :

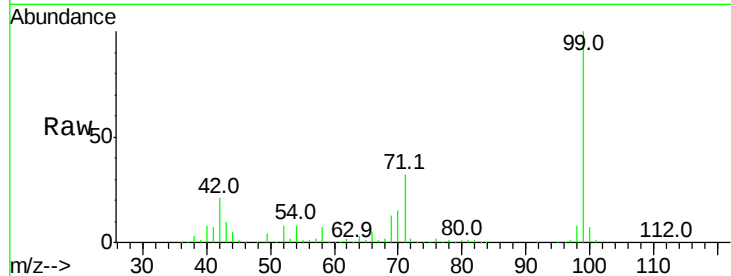
Tot Ion: 99 Resp: 1465459

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

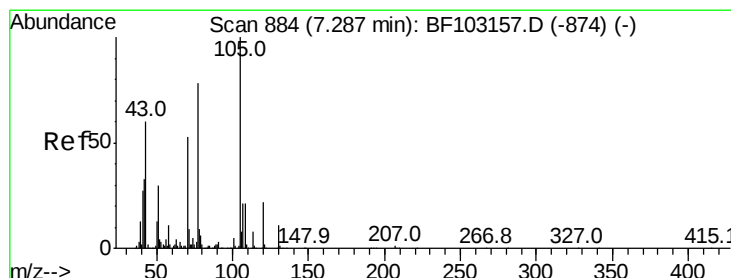
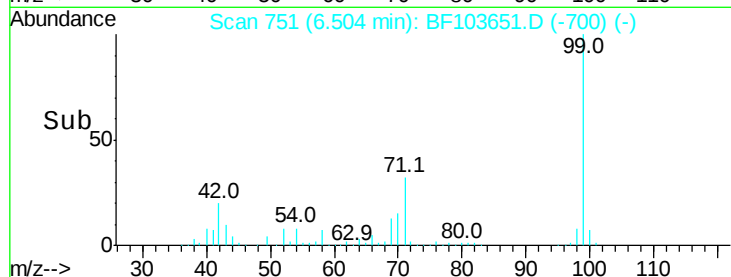
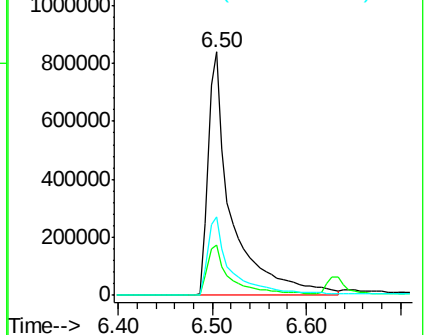
71 32.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.177 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Tgt Ion: 70 Resp: 126921

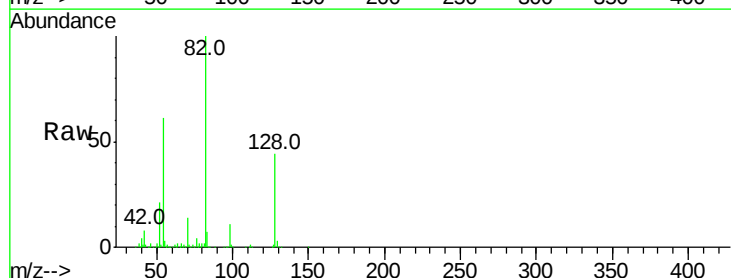
Ion Ratio Lower Upper

70 100

42 56.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

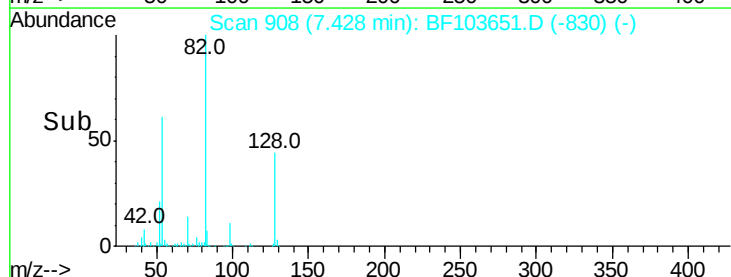
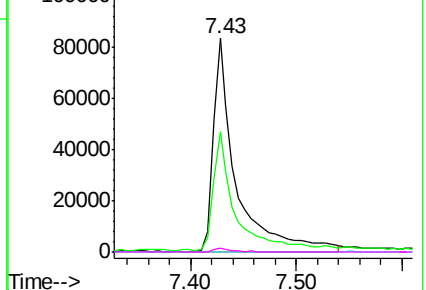


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

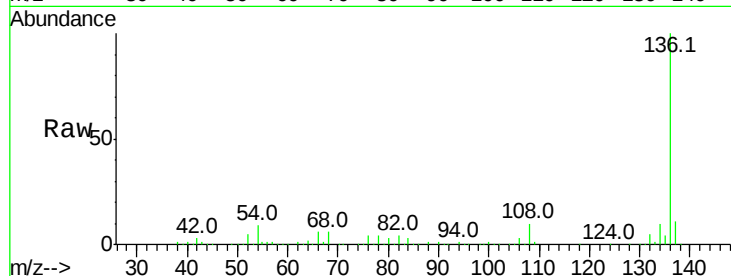




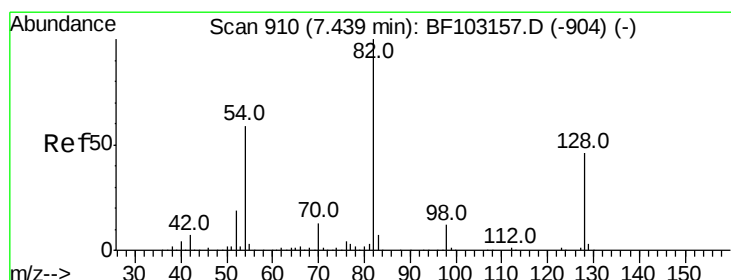
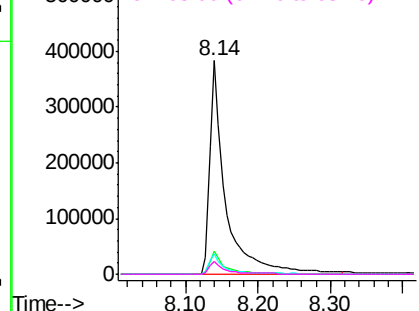
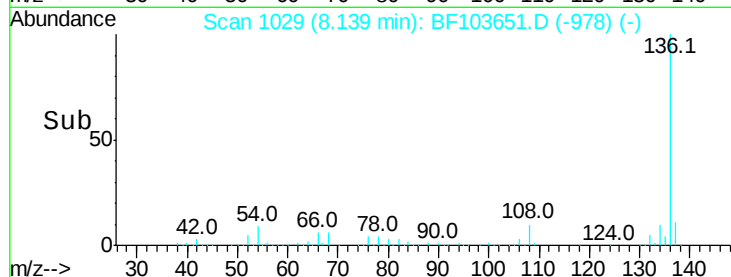
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	592260
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.3	6.6	9.8
68	6.3	5.0	7.4

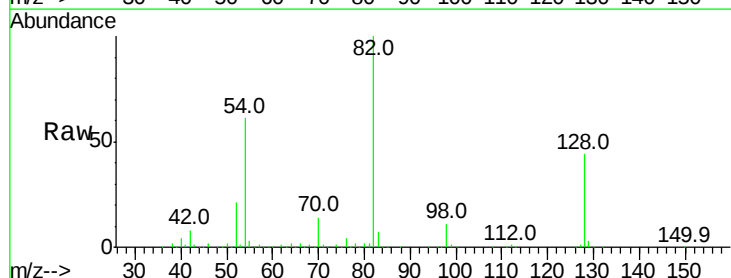


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

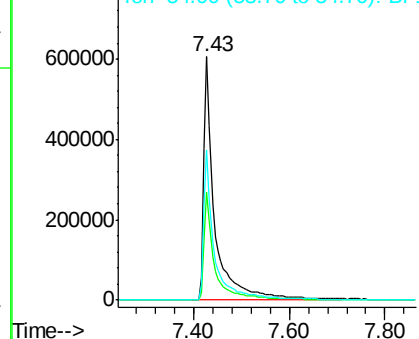
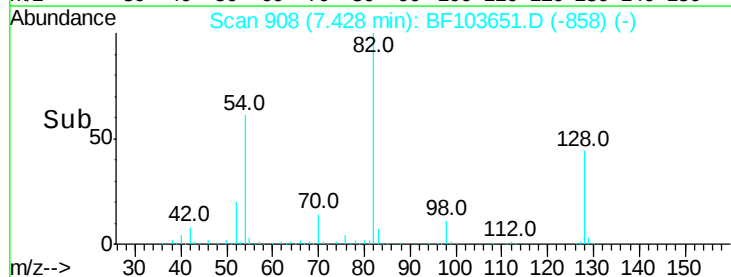


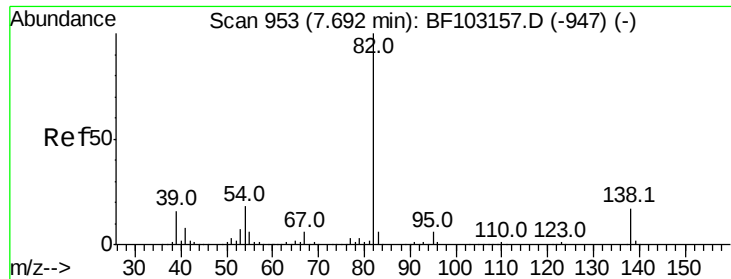
#23
Nitrobenzene-d5
Concen: 96.102 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Tgt Ion:	82	Resp:	996654
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	61.5	41.4	62.2



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





#25

Isophorone

Concen: 48.897 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampleId :

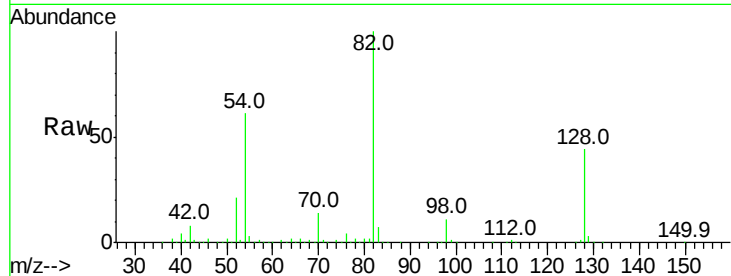
Tot Ion: 82 Resp: 998730

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

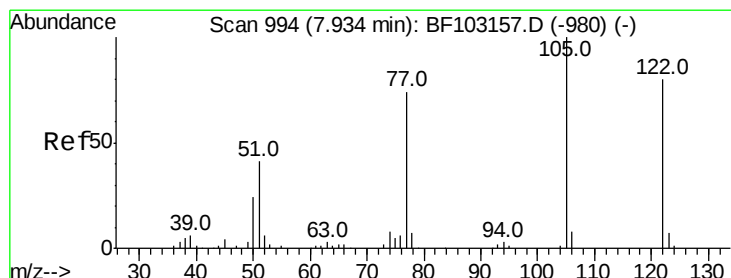
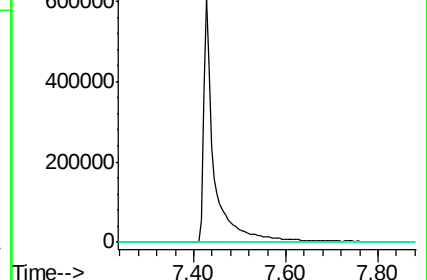
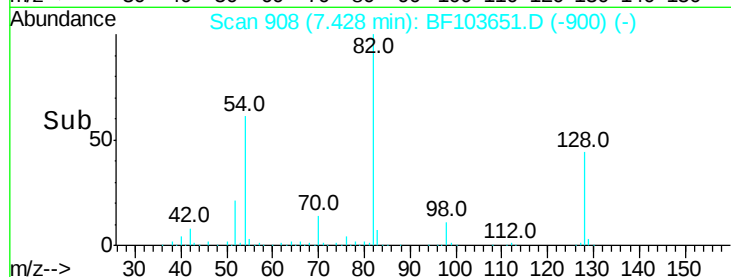
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.929 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.09 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

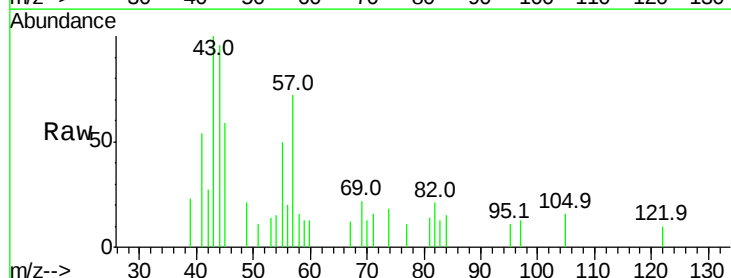
Tgt Ion:122 Resp: 107

Ion Ratio Lower Upper

122 100

105 154.3 101.1 141.1#

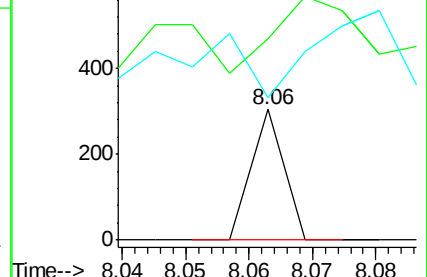
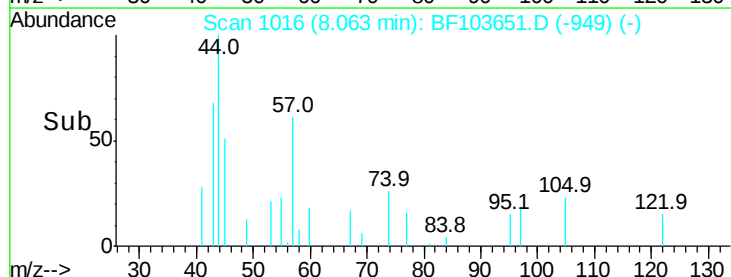
77 109.5 70.7 110.7

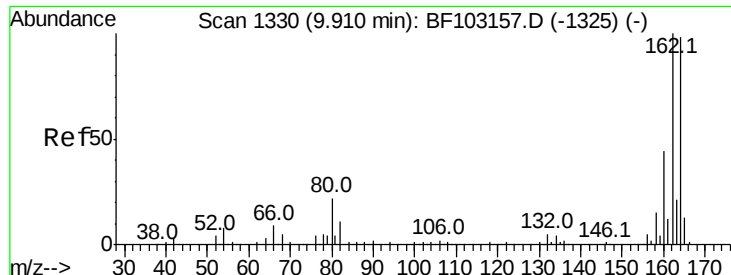


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

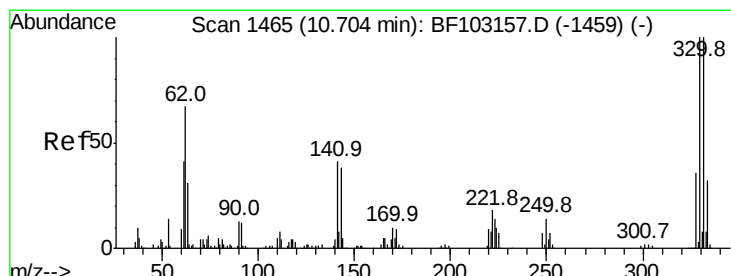
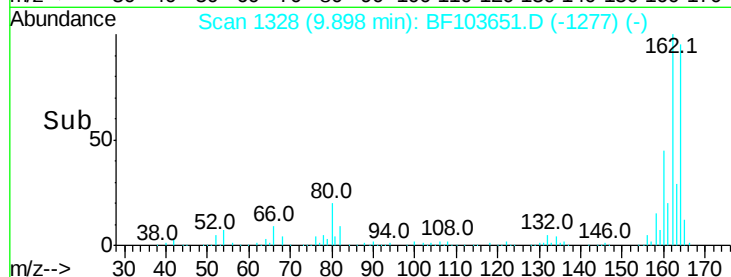
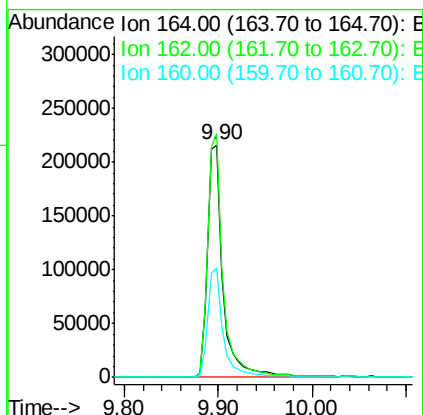
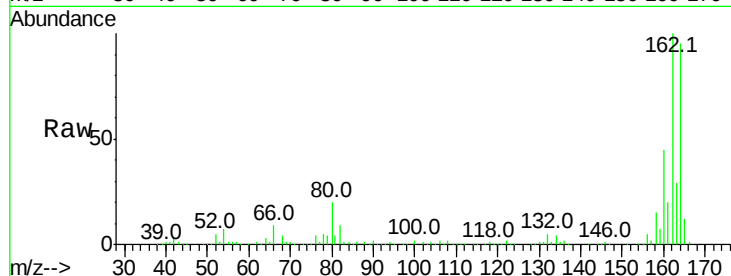




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

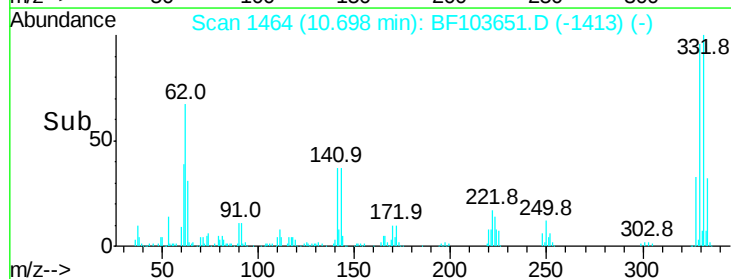
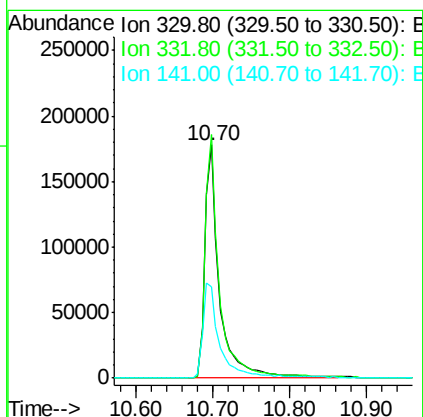
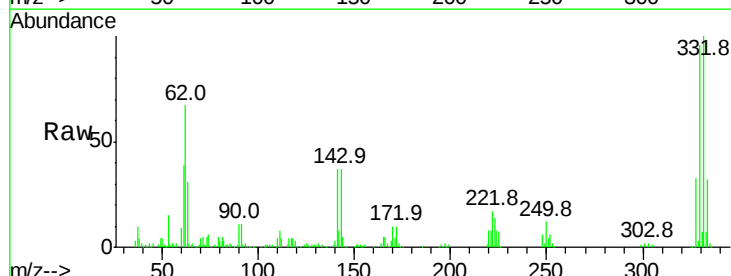
Instrument :
BNA_F
ClientSampleId :

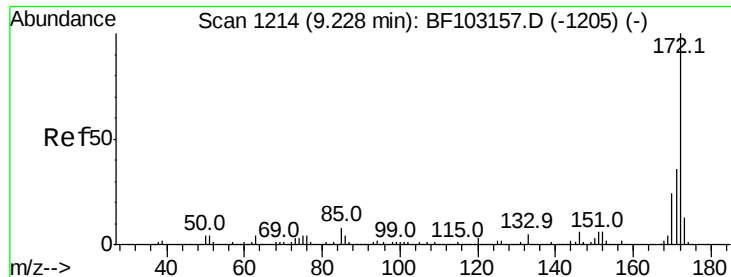
Tot Ion:164 Resp: 254982
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 47.0 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 108.892 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Tgt Ion:330 Resp: 235020
Ion Ratio Lower Upper
330 100
332 102.6 77.0 115.6
141 48.3 29.9 44.9#



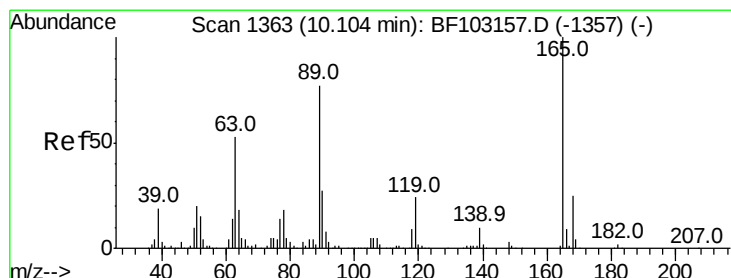
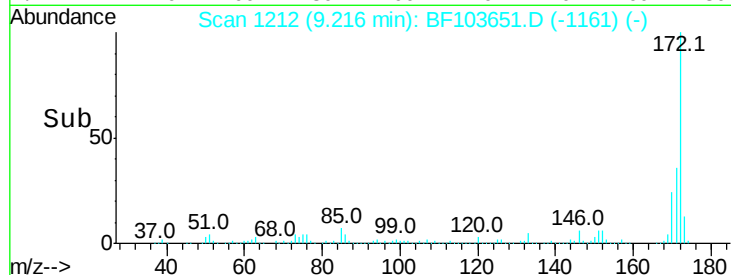
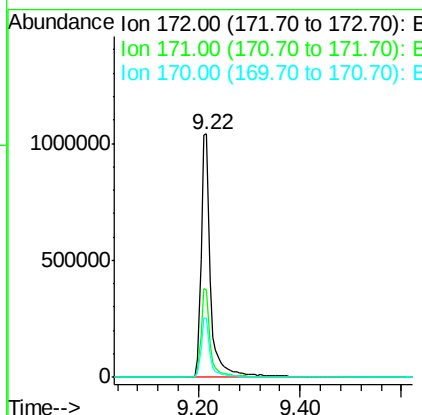
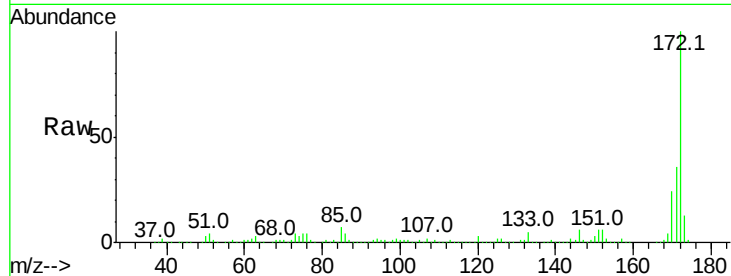


#44
 2-Fluorobiphenyl
 Concen: 94.876 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF103651.D
 Acq: 14 Mar 2018 19:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1366508

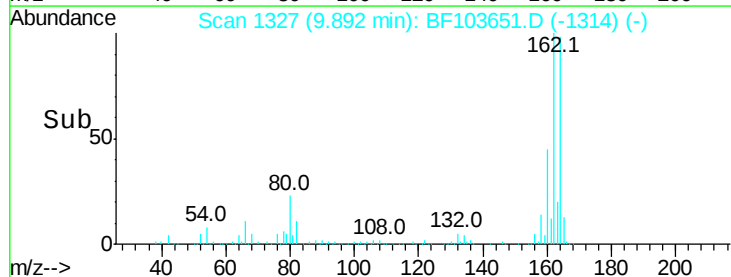
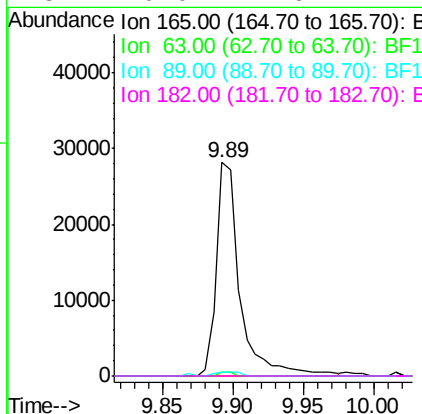
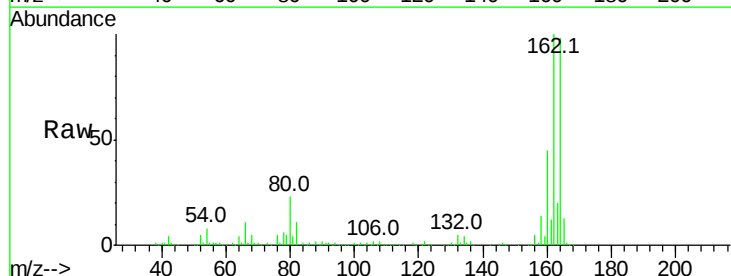
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4

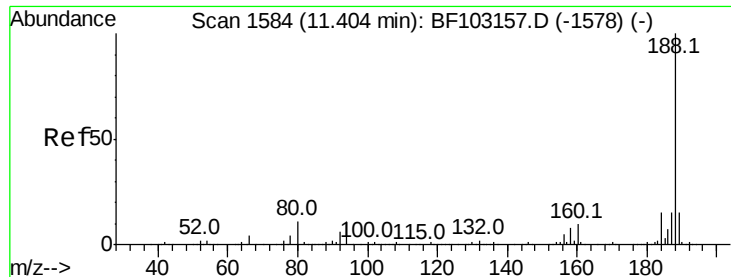


#56
 2,4-Dinitrotoluene
 Concen: 6.050 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.22 min
 Lab File: BF103651.D
 Acq: 14 Mar 2018 19:59

Tgt Ion:165 Resp: 32847

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampleId :

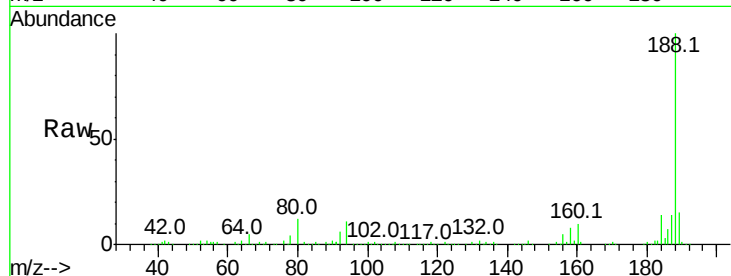
Tot Ion:188 Resp: 409575

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

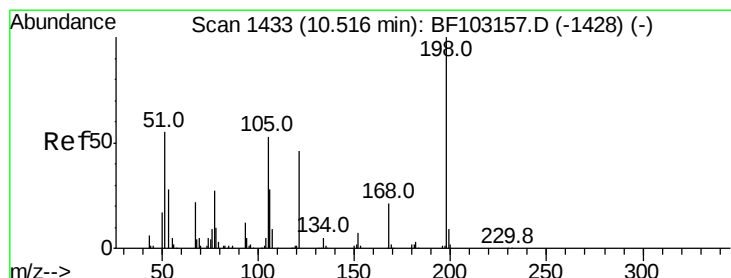
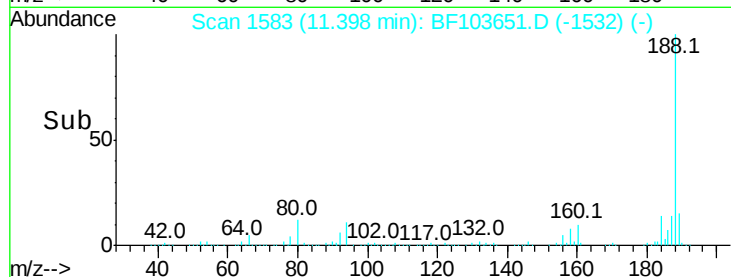
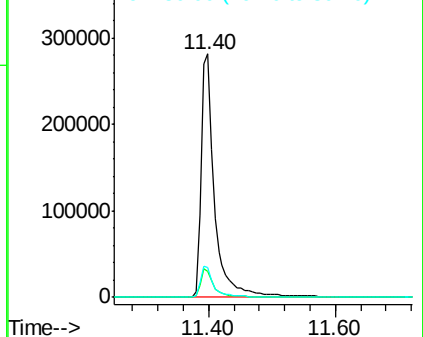
80 12.3 9.2 13.8



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: 5.061 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.16 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

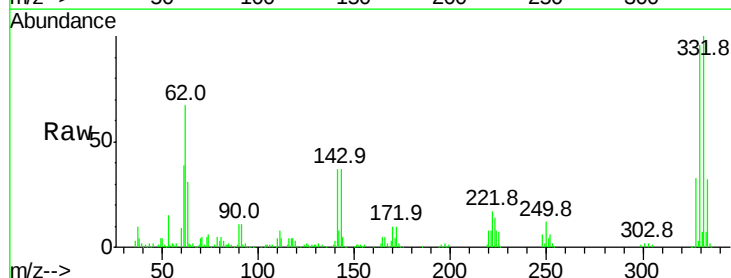
Tgt Ion:198 Resp: 321

Ion Ratio Lower Upper

198 100

51 223.3 37.7 77.7#

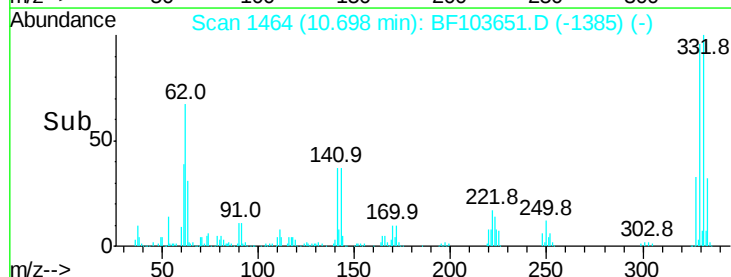
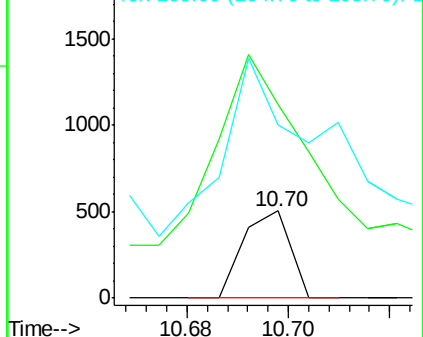
105 198.6 36.3 76.3#

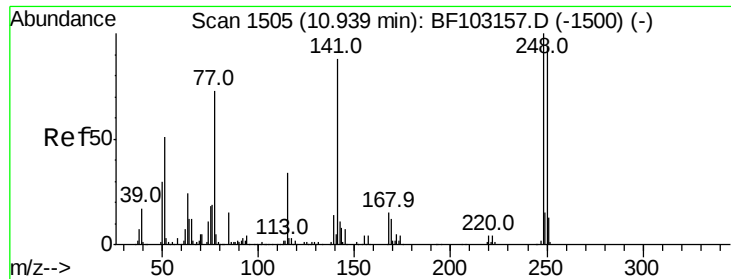


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

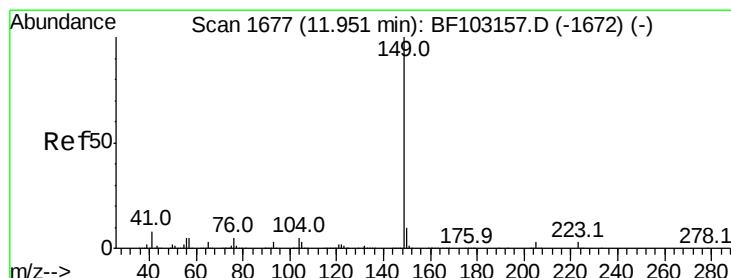
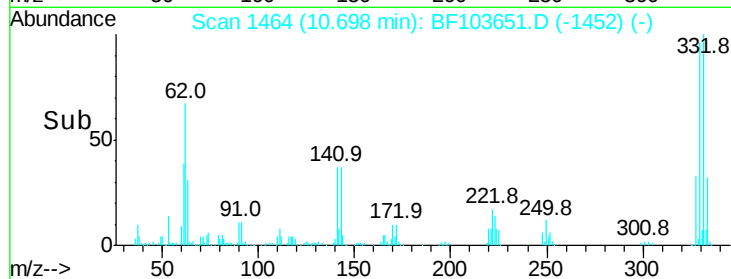
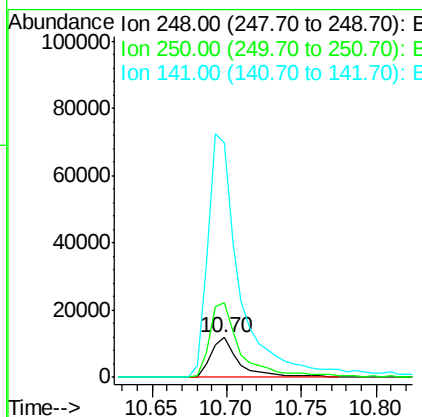
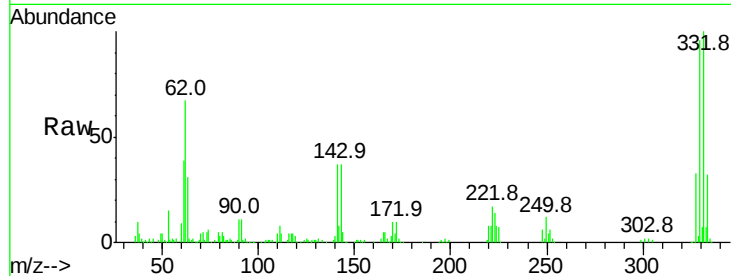




#66
 4-Bromophenyl-phenylether
 Concen: 3.658 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.23 min
 Lab File: BF103651.D
 Acq: 14 Mar 2018 19:59

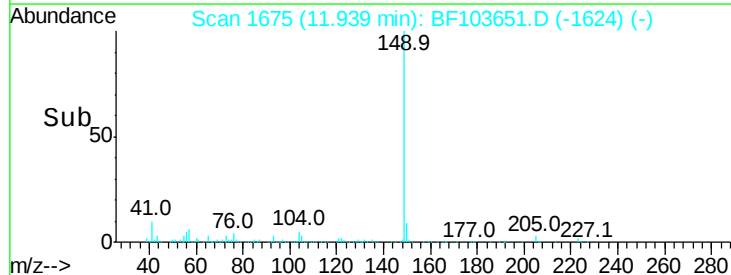
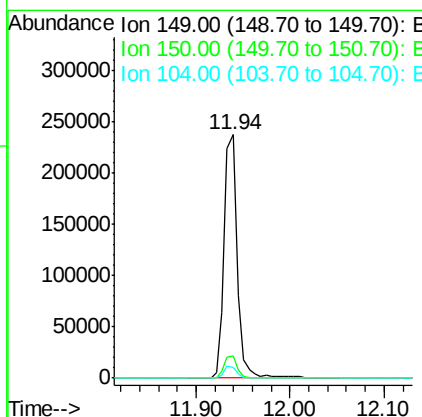
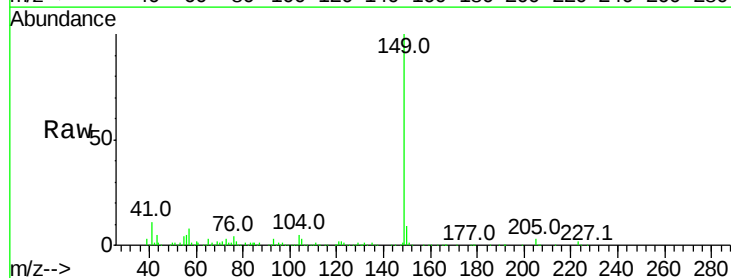
Instrument :
 BNA_F
 ClientSampled :

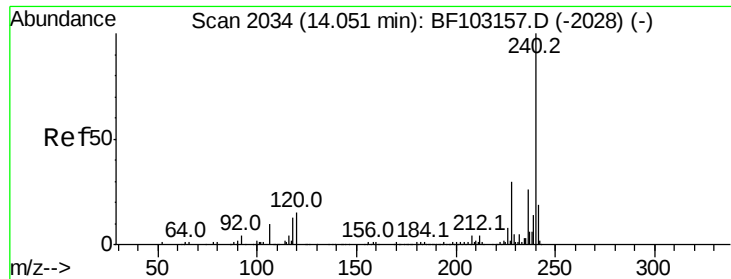
Tot Ion:248 Resp: 15606
 Ion Ratio Lower Upper
 248 100
 250 187.6 76.9 115.3#
 141 590.8 74.4 111.6#



#73
 Di-n-butylphthalate
 Concen: 8.070 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF103651.D
 Acq: 14 Mar 2018 19:59

Tgt Ion:149 Resp: 232429
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 4.6 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampled :

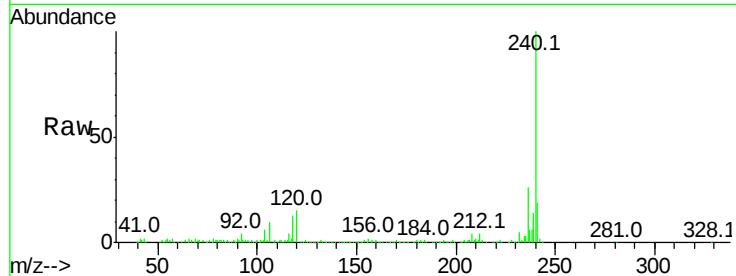
Tot Ion:240 Resp: 252879

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

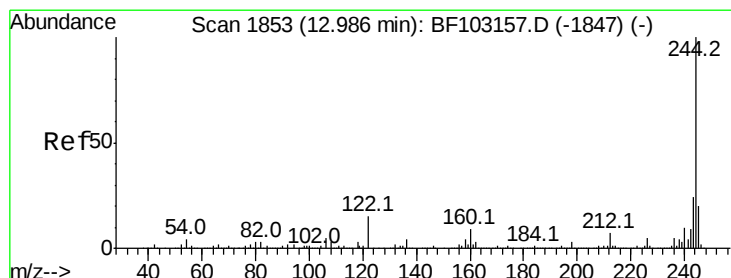
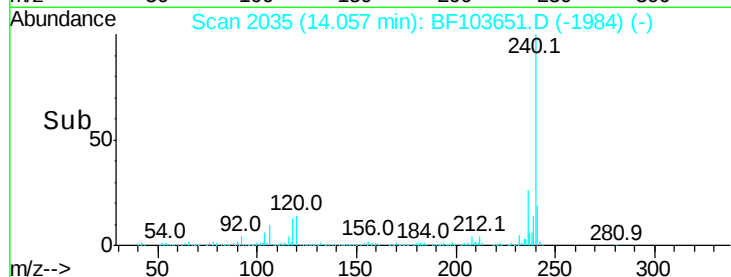
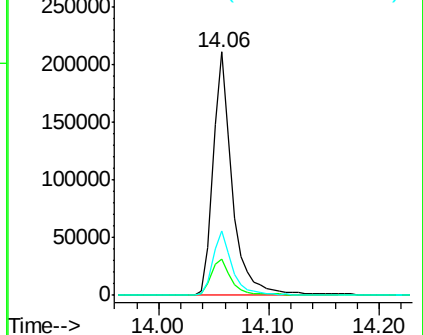
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 89.534 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

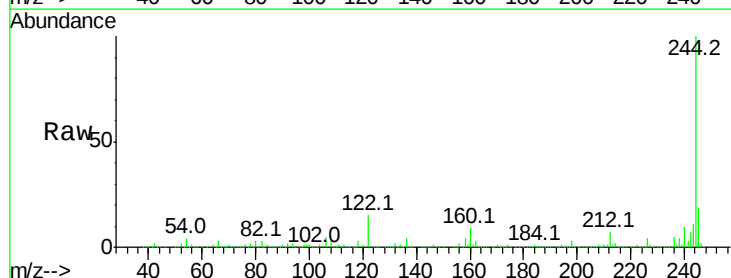
Tgt Ion:244 Resp: 941873

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

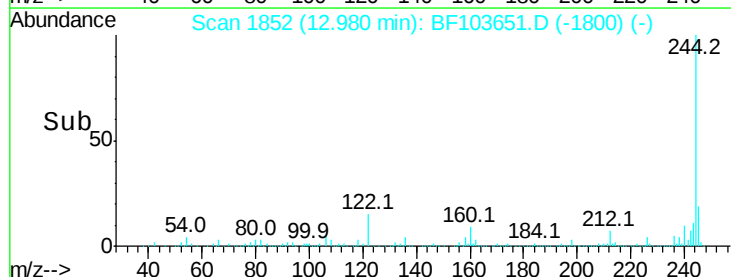
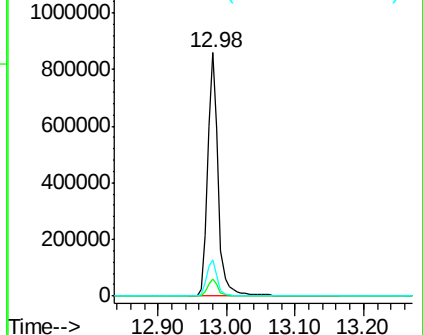
122 14.7 11.0 16.4

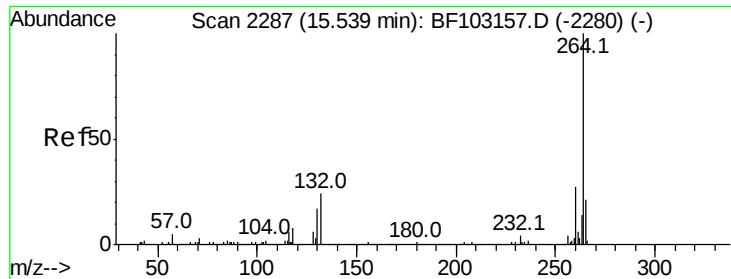


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

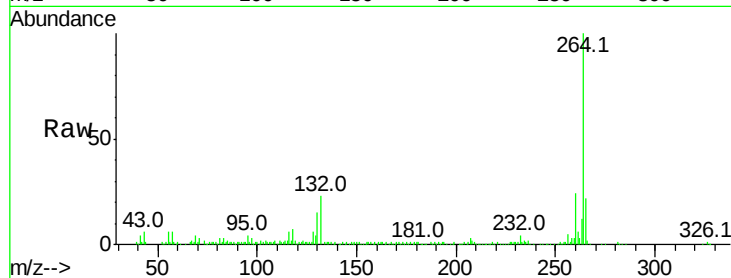




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

