

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103665.D
 Acq On : 15 Mar 2018 3:13
 Operator : SJ/JU
 Sample : J1912-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 04:18:49 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

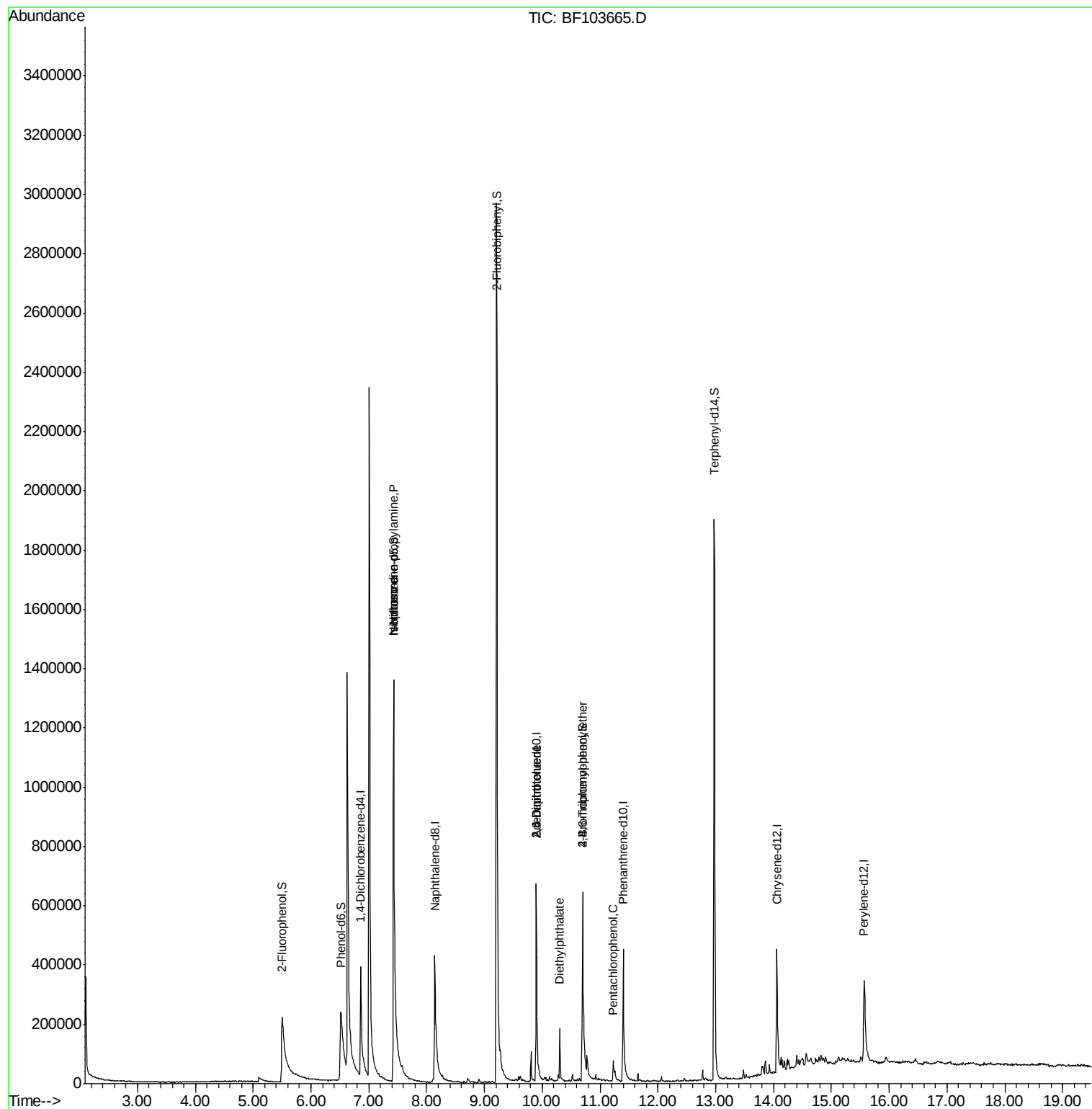
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114639	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	482382	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	189720	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	276784	20.00	ng	0.00
75) Chrysene-d12	14.06	240	211408	20.00	ng	0.00
86) Perylene-d12	15.57	264	200821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	270789	35.73	ng	0.02
7) Phenol-d6	6.52	99	316480	34.12	ng	0.01
23) Nitrobenzene-d5	7.43	82	915087	108.34	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	115375	71.85	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1271338	131.53	ng	0.00
78) Terphenyl-d14	12.97	244	750384	85.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	110953	19.221	ng	# 85
25) Isophorone	7.43	82	915087	55.006	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	23469	7.348	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	23821	5.897	ng	# 24
59) Diethylphthalate	10.30	149	38413	2.639	ng	97
66) 4-Bromophenyl-phenylether	10.70	248	7861	2.726	ng	# 1
69) Pentachlorophenol	11.23	266	8873	5.864	ng	97

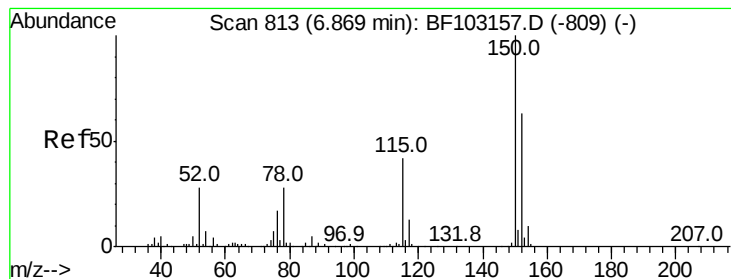
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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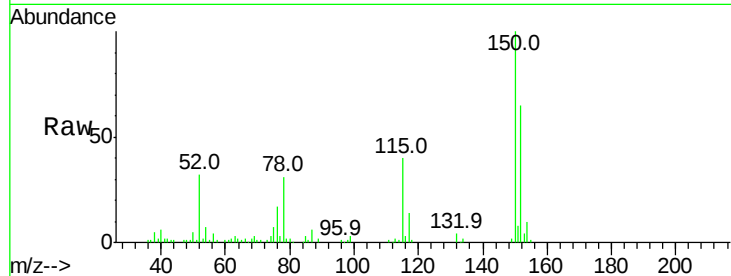


#1

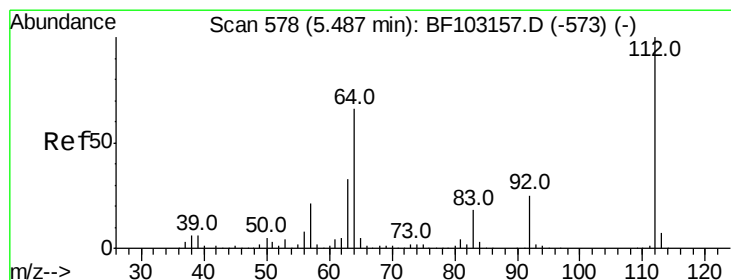
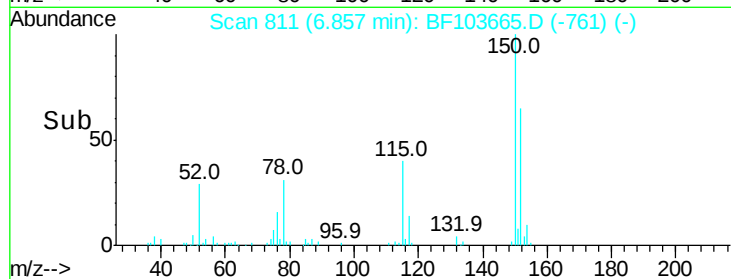
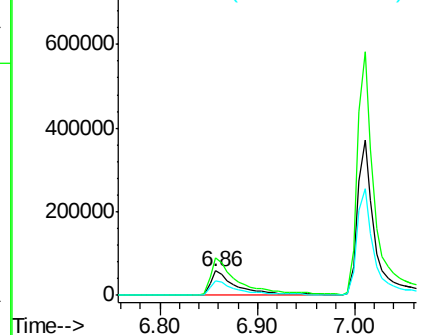
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114639
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 61.2 50.1 75.1



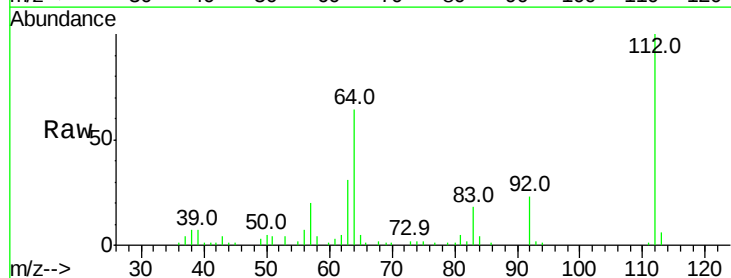
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



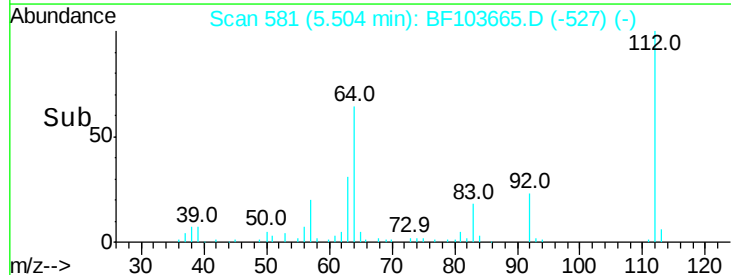
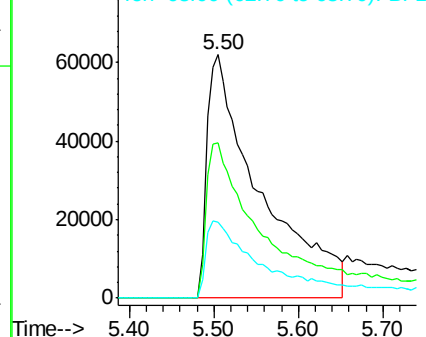
#5

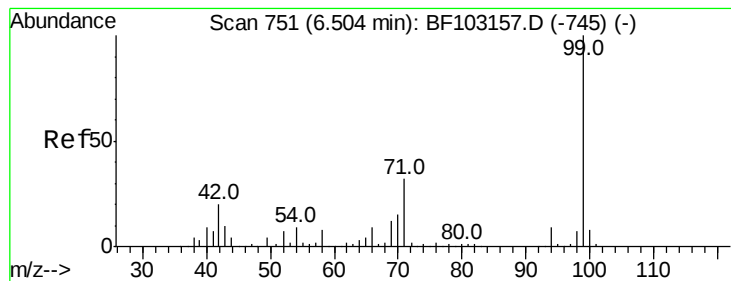
2-Fluorophenol
Concen: 35.725 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

Tgt Ion:112 Resp: 270789
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 31.3 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: 34.122 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103665.D

Acq: 15 Mar 2018 3:13

Instrument :

BNA_F

ClientSampleId :

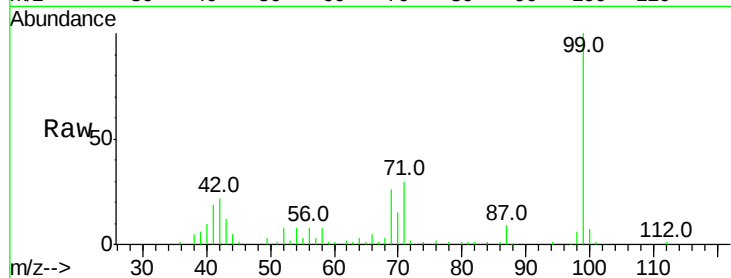
Tot Ion: 99 Resp: 316480

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

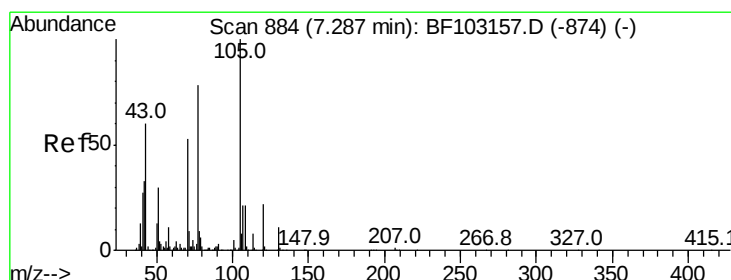
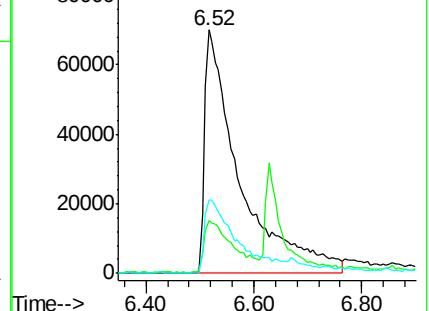
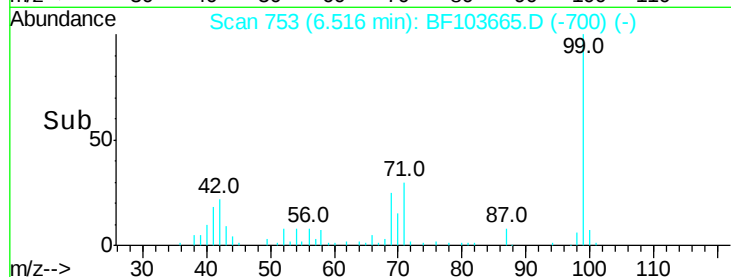
71 30.3 25.4 38.0



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: 19.221 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103665.D

Acq: 15 Mar 2018 3:13

Tgt Ion: 70 Resp: 110953

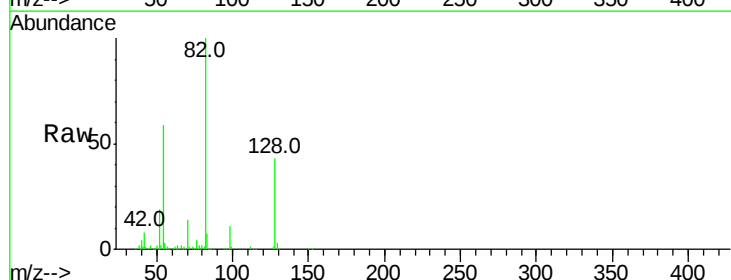
Ion Ratio Lower Upper

70 100

42 55.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

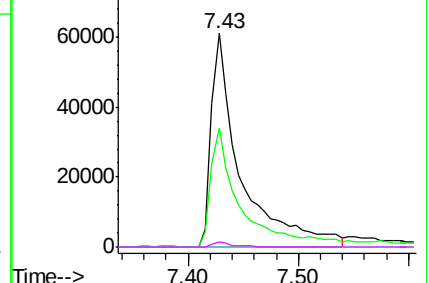
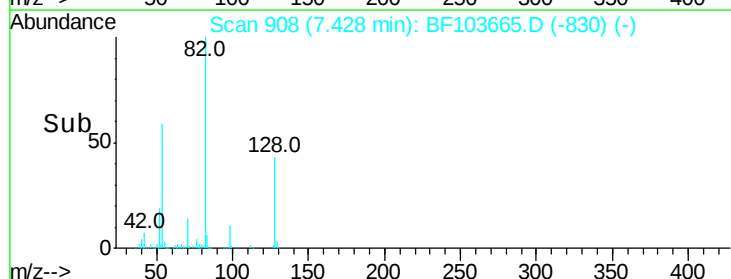


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

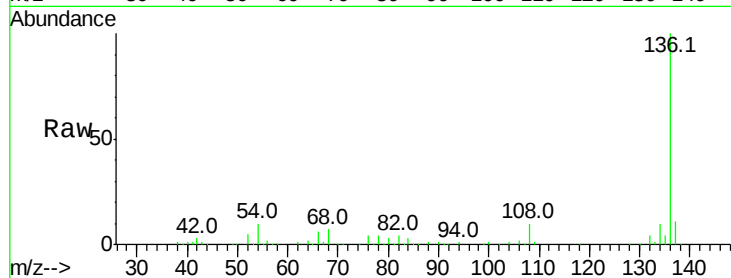




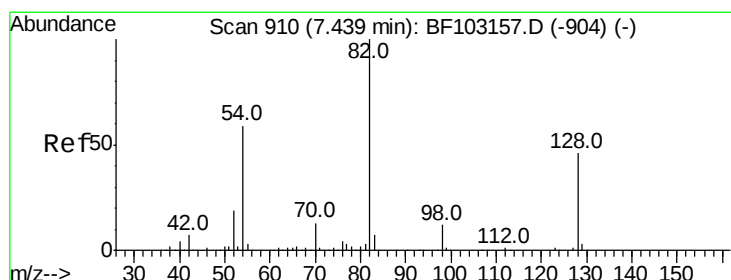
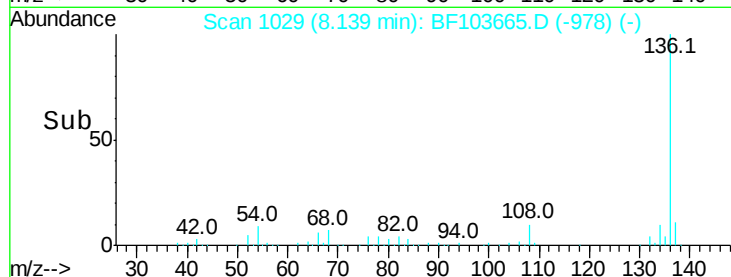
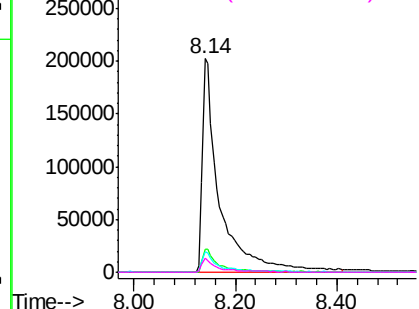
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	482382
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.8	5.0	7.4

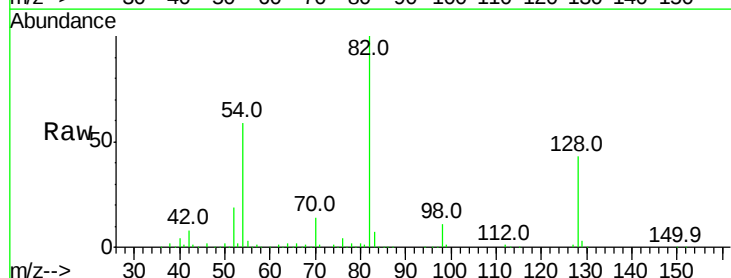


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

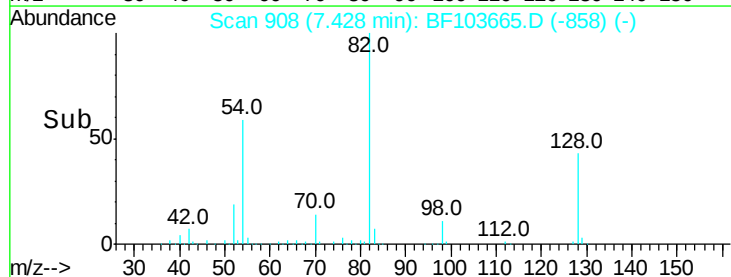
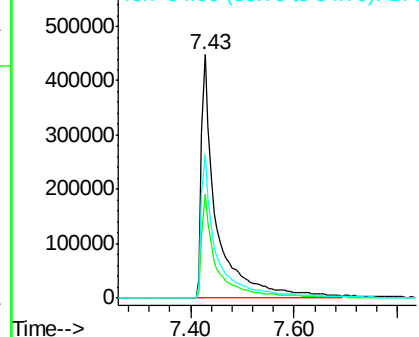


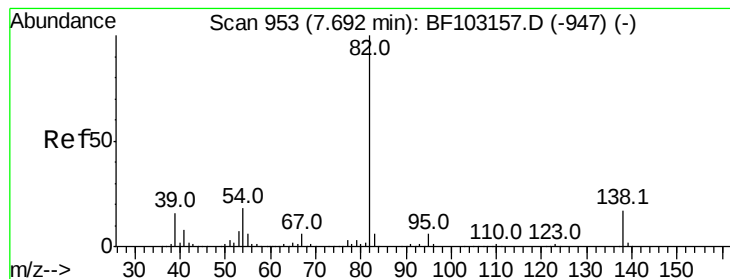
#23
Nitrobenzene-d5
Concen: 108.336 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

Tgt Ion:	82	Resp:	915087
Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	59.1	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: 55.006 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF103665.D

Acq: 15 Mar 2018 3:13

Instrument :

BNA_F

ClientSampled :

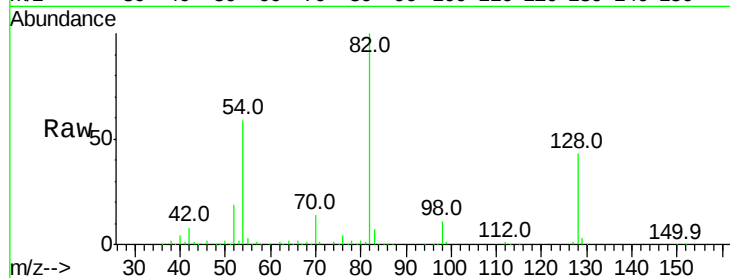
Tot Ion: 82 Resp: 915087

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

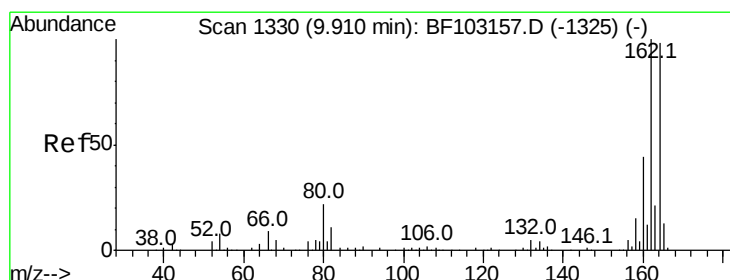
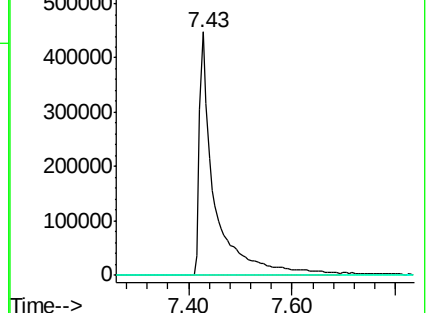
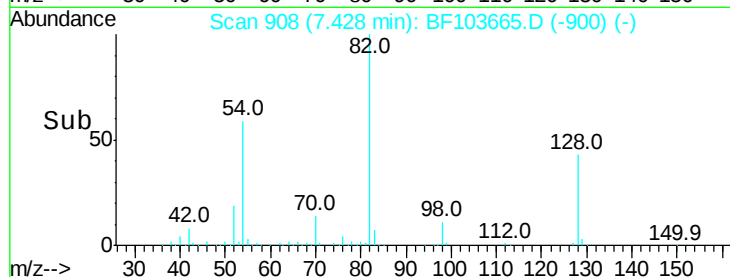
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF103665.D

Acq: 15 Mar 2018 3:13

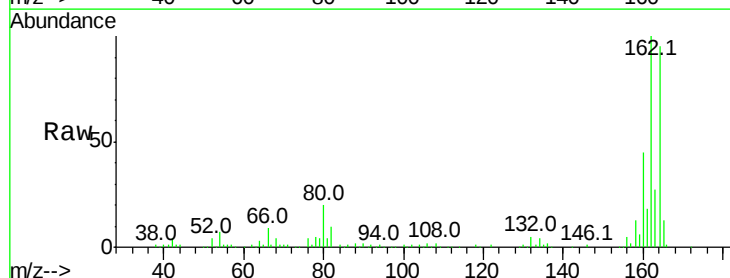
Tgt Ion:164 Resp: 189720

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

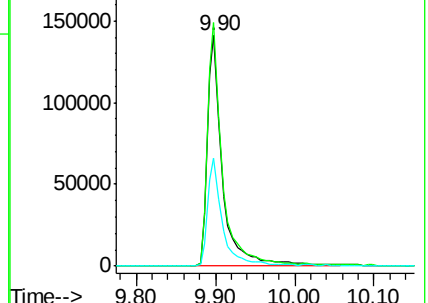
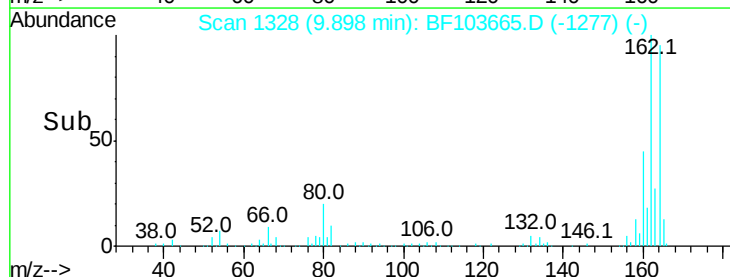
160 47.1 38.3 57.5



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

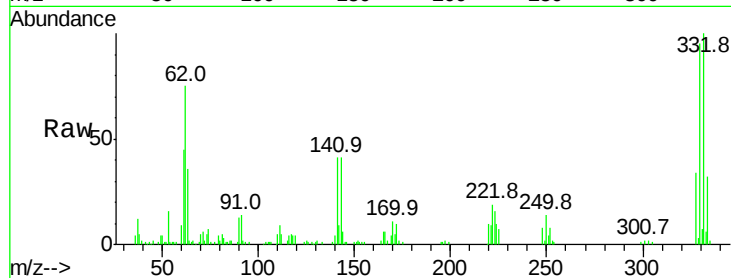




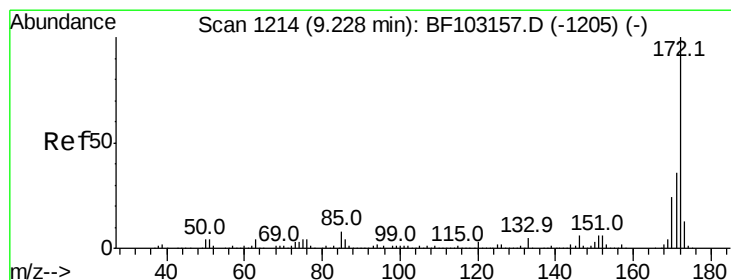
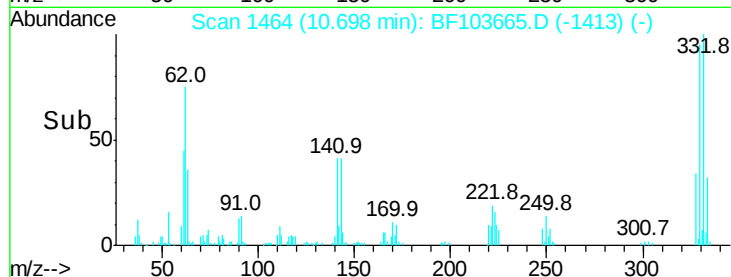
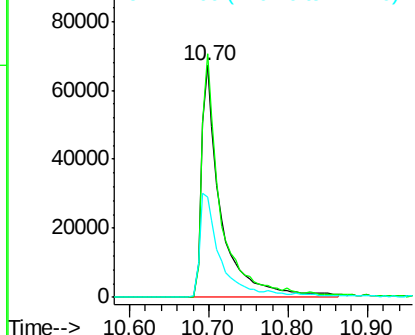
#41
 2,4,6-Tribromophenol
 Concen: 71.846 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103665.D
 Acq: 15 Mar 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 115375
 Ion Ratio Lower Upper
 330 100
 332 103.7 77.0 115.6
 141 48.0 29.9 44.9#

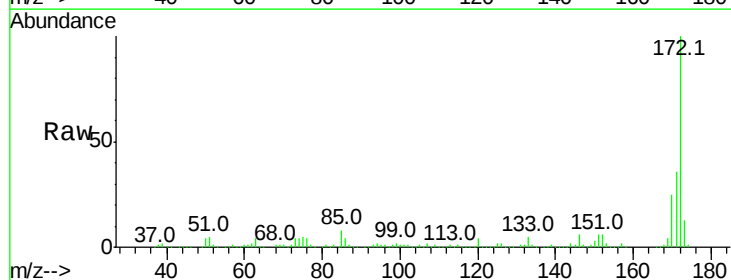


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

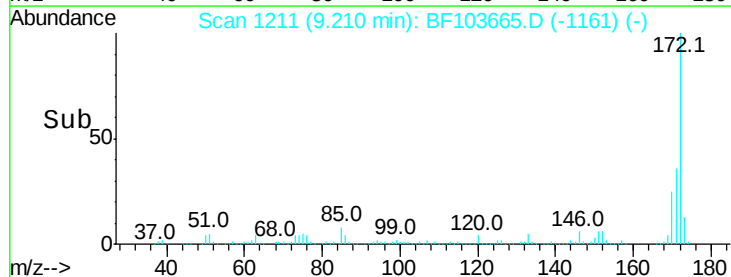
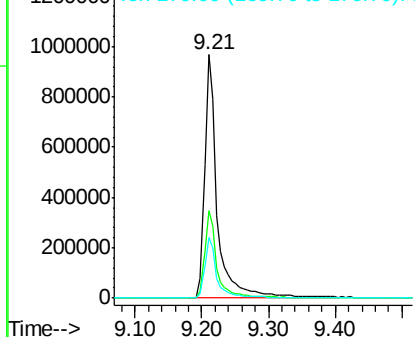


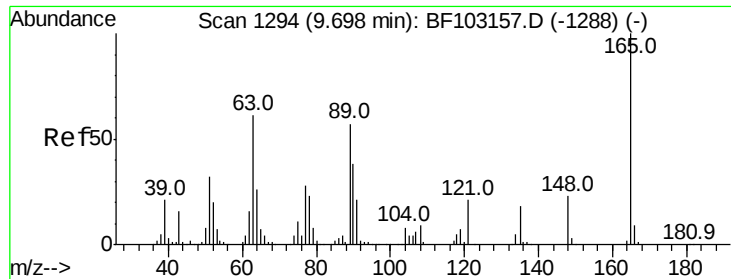
#44
 2-Fluorobiphenyl
 Concen: 131.533 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103665.D
 Acq: 15 Mar 2018 3:13

Tgt Ion:172 Resp: 1271338
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.6 19.6 29.4



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

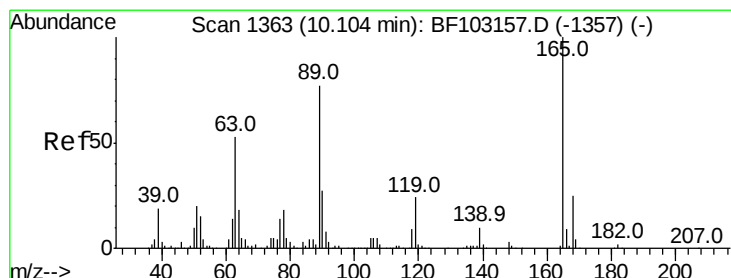
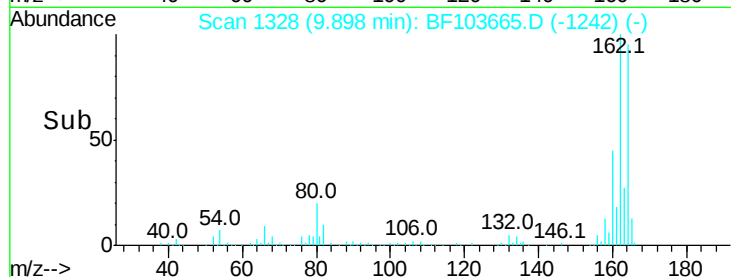
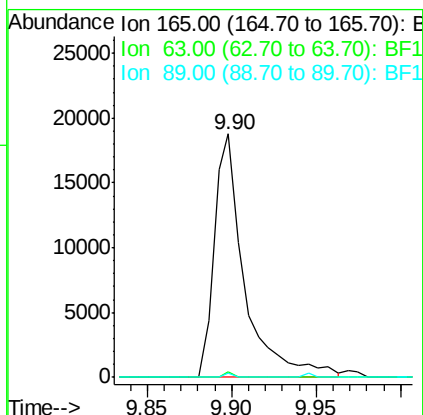
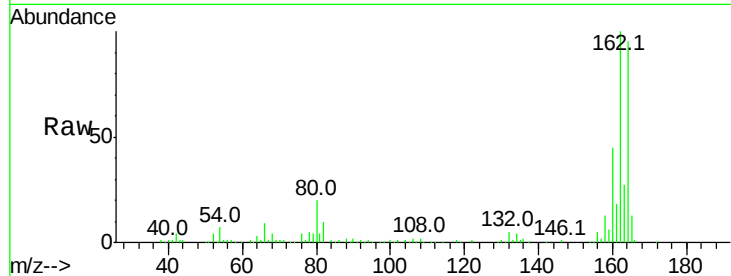




#50
 2,6-Dinitrotoluene
 Concen: 7.348 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF103665.D
 Acq: 15 Mar 2018 3:13

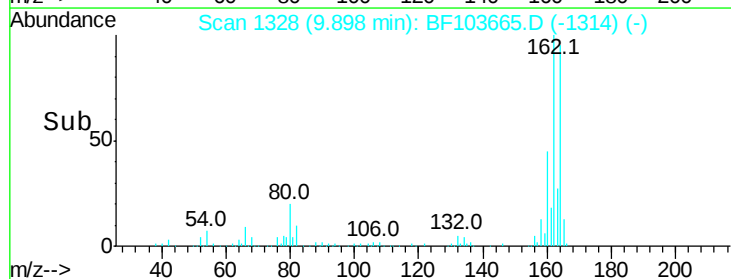
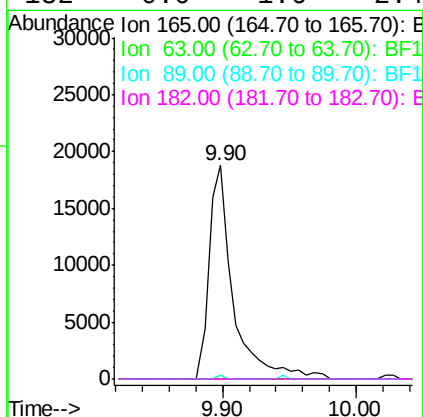
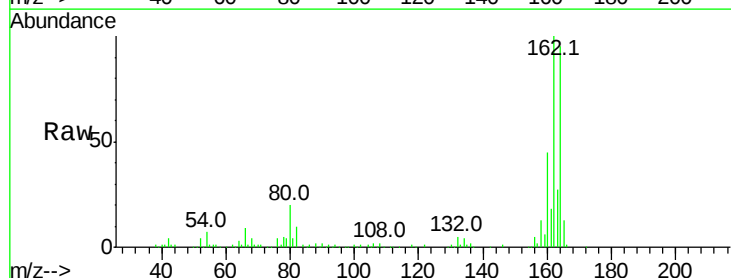
Instrument :
 BNA_F
 ClientSampleId :

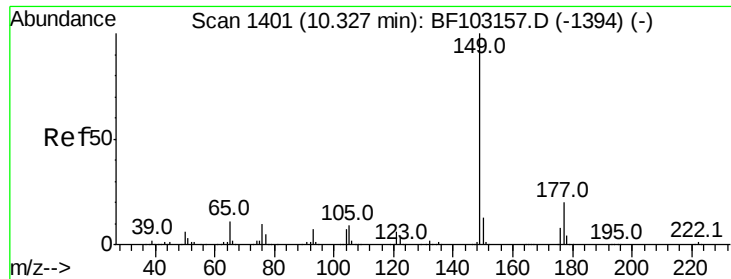
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.9	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.897 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103665.D
 Acq: 15 Mar 2018 3:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

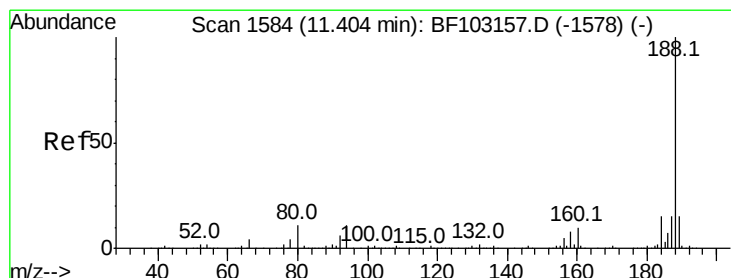
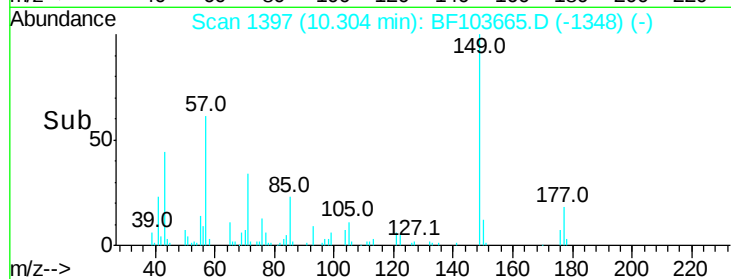
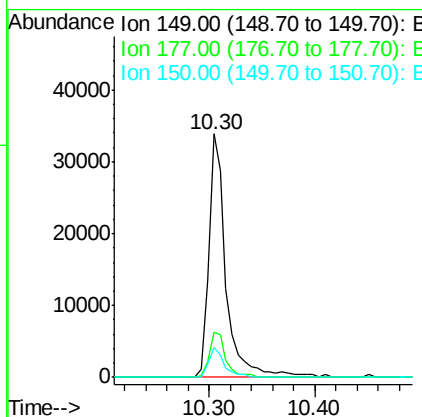
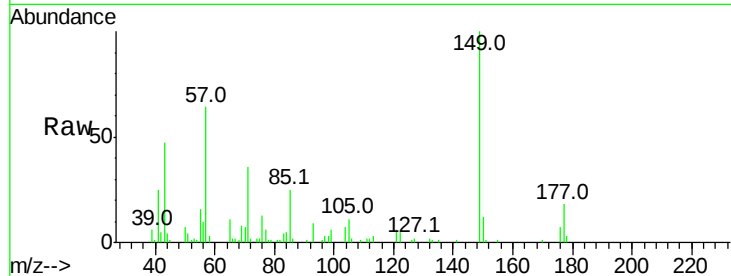




#59
Diethylphthalate
Concen: 2.639 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

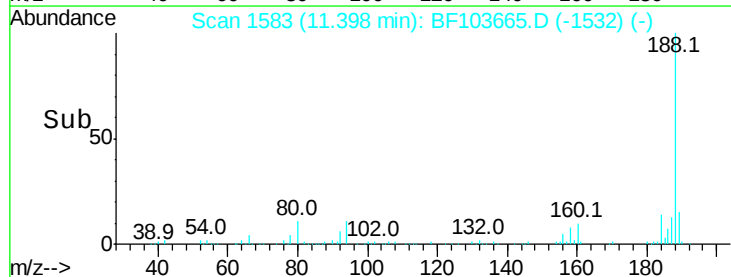
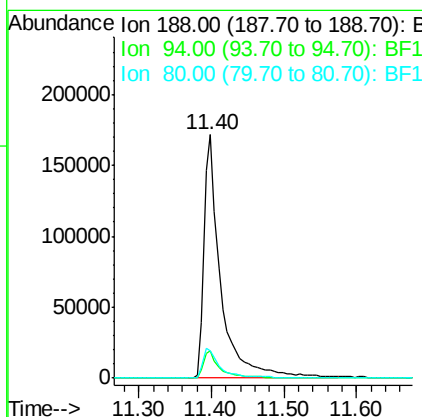
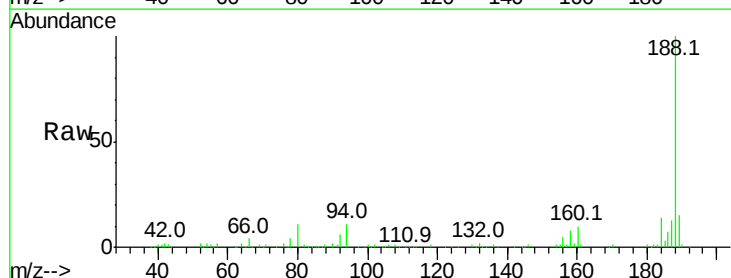
Instrument :
BNA_F
ClientSampled :

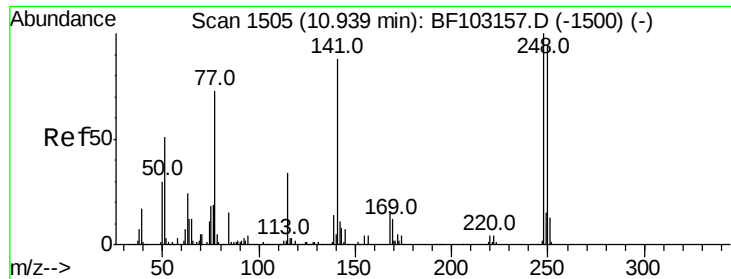
Tot Ion:149 Resp: 38413
Ion Ratio Lower Upper
149 100
177 18.4 16.1 24.1
150 12.4 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

Tgt Ion:188 Resp: 276784
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.2 9.2 13.8

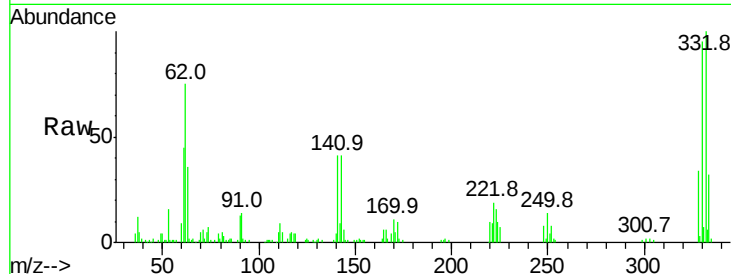




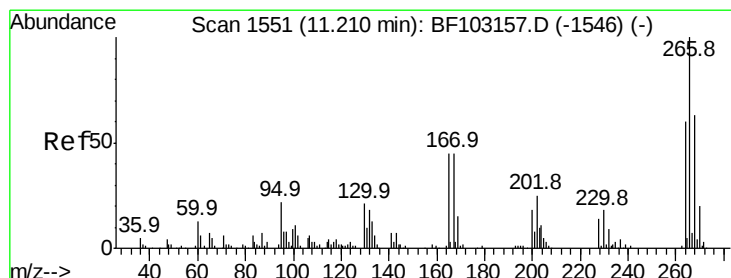
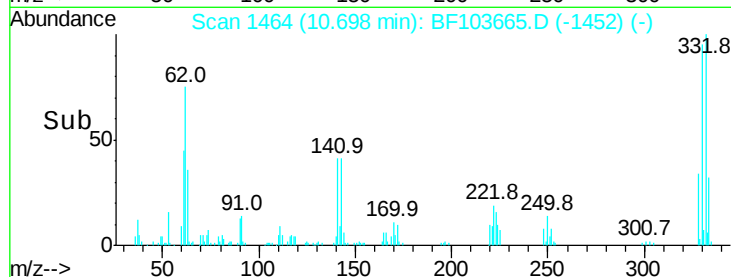
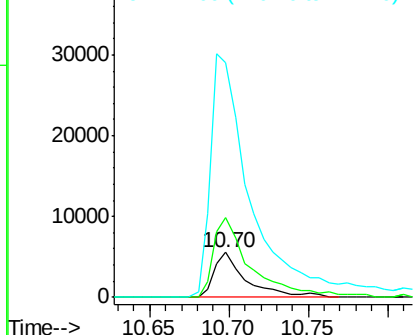
#66
4-Bromophenyl-phenylether
Concen: 2.726 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.23 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7861
Ion Ratio Lower Upper
248 100
250 176.4 76.9 115.3#
141 521.4 74.4 111.6#

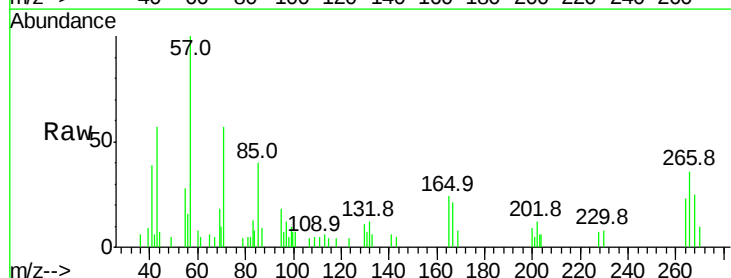


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

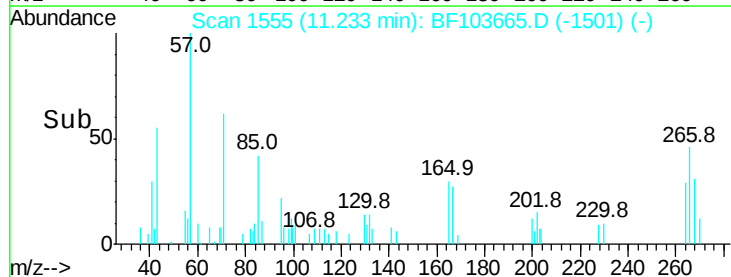
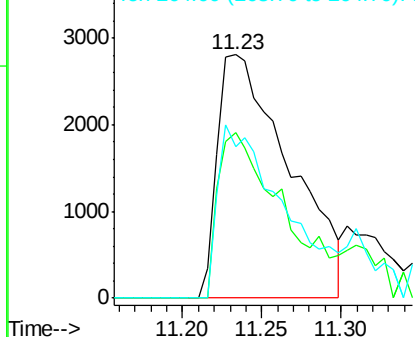


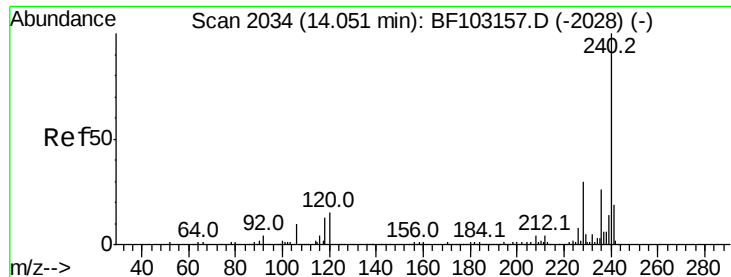
#69
Pentachlorophenol
Concen: 5.864 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF103665.D
Acq: 15 Mar 2018 3:13

Tgt Ion:266 Resp: 8873
Ion Ratio Lower Upper
266 100
268 67.8 51.1 76.7
264 62.3 49.5 74.3



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





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103665.D

Acq: 15 Mar 2018 3:13

Instrument :

BNA_F

ClientSampleId :

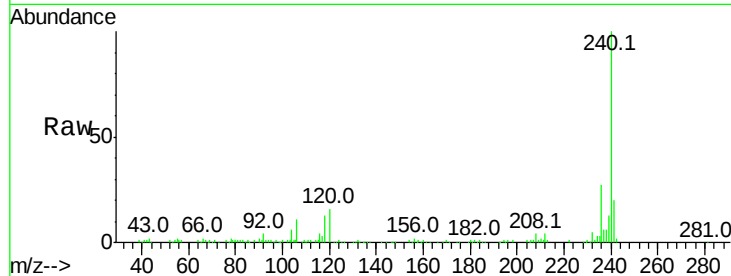
Tot Ion:240 Resp: 211408

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

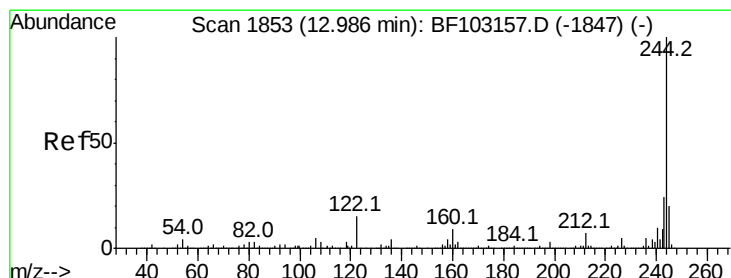
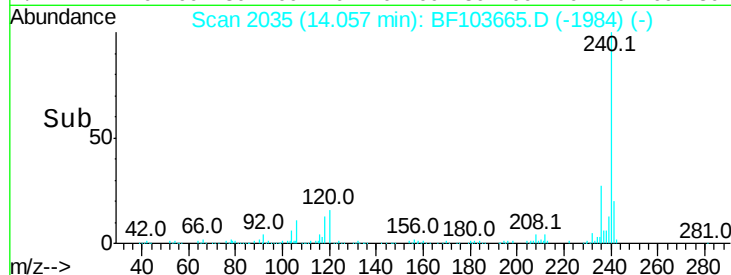
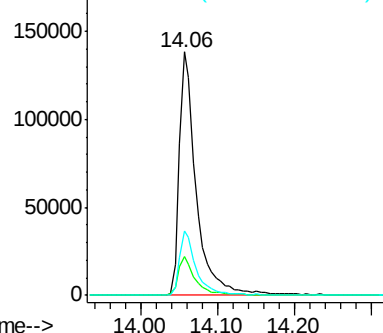
236 26.6 20.7 31.1



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: 85.324 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF103665.D

Acq: 15 Mar 2018 3:13

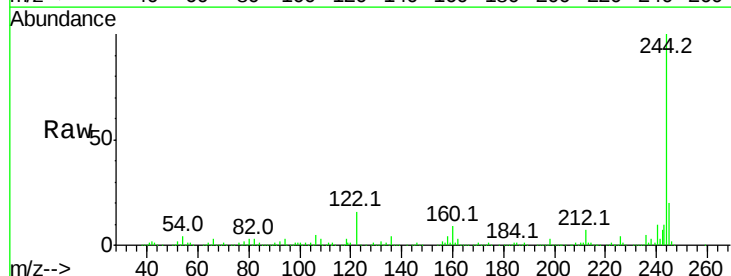
Tgt Ion:244 Resp: 750384

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

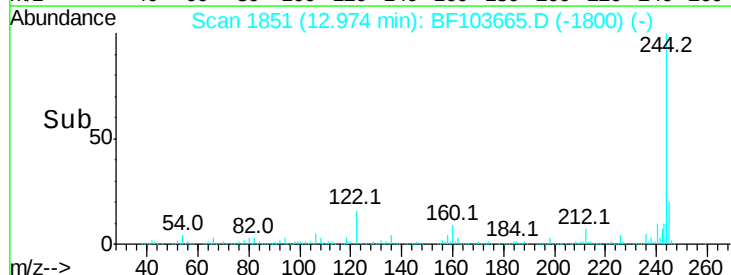
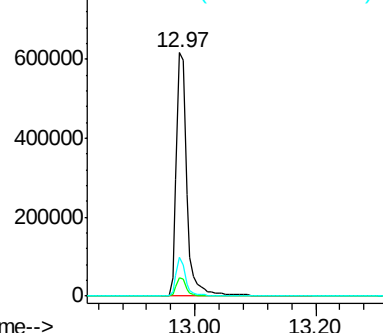
122 15.8 11.0 16.4

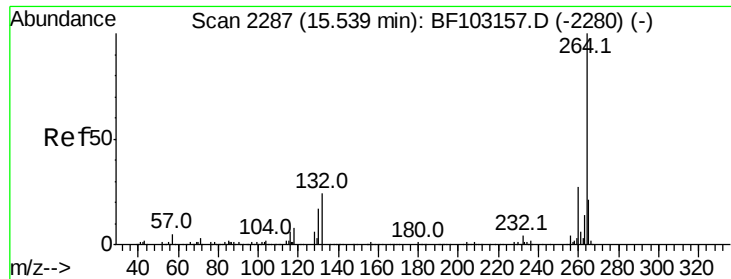


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

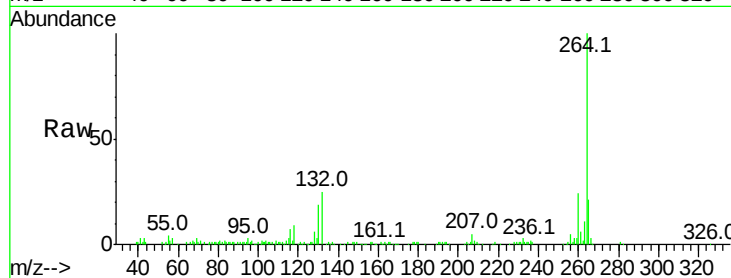




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103665.D
 Acq: 15 Mar 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.6	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

