

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102165.D
 Acq On : 17 Jan 2018 22:07
 Operator : SJ/JU
 Sample : J1167-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:11:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

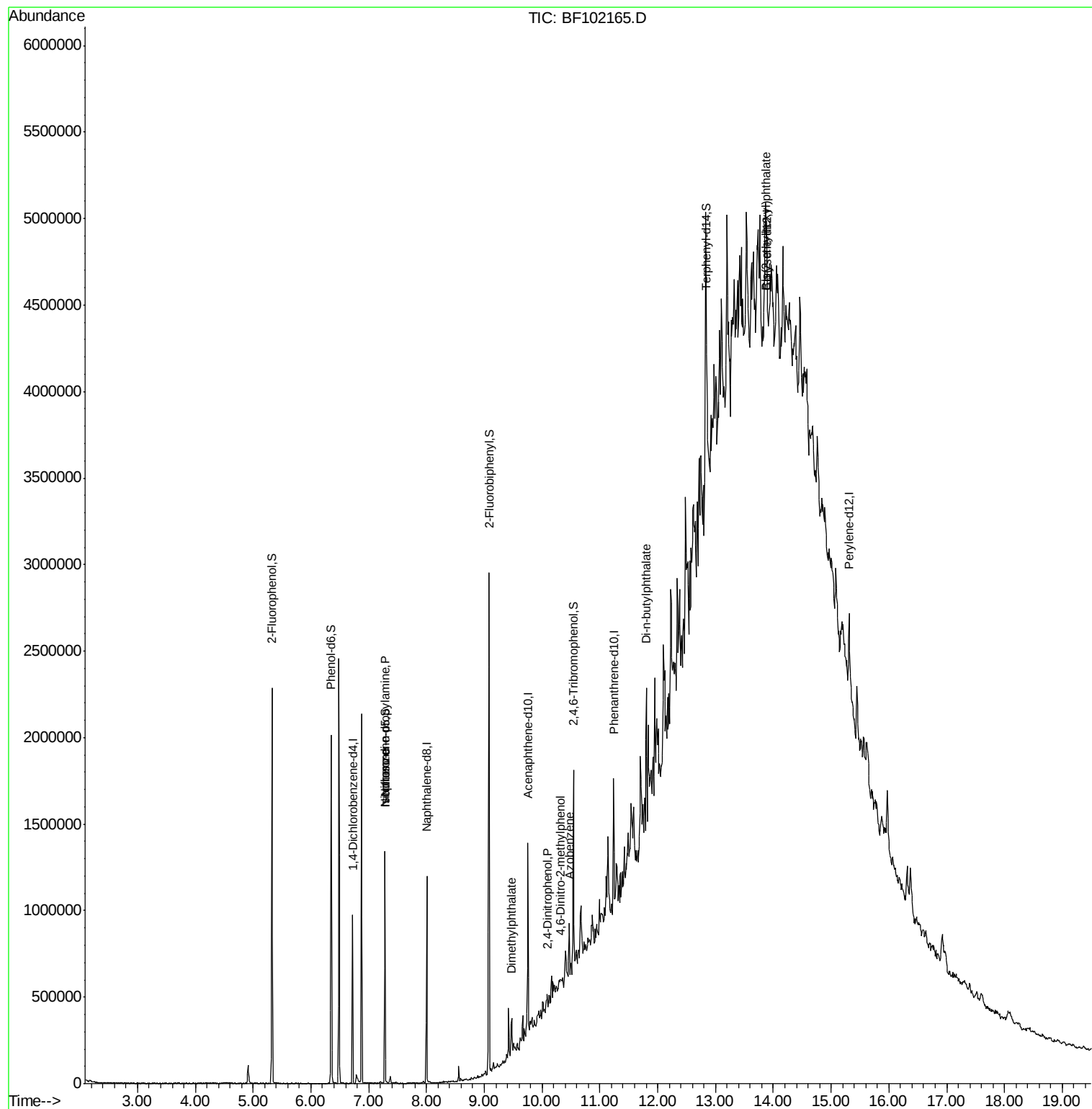
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143324	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	552102	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	211003	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	271955	20.00	ng	0.00
75) Chrysene-d12	13.89	240	184106	20.00	ng	0.01
86) Perylene-d12	15.32	264	224475	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	595150	58.64	ng	0.00
7) Phenol-d6	6.35	99	678445	56.02	ng	0.00
23) Nitrobenzene-d5	7.28	82	424822	45.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	147499	80.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	862240	63.84	ng	0.00
78) Terphenyl-d14	12.83	244	633410	71.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	56682	7.142	ng	# 81
25) Isophorone	7.28	82	422933	22.782	ng	# 64
49) Dimethylphthalate	9.47	163	59955	3.542	ng	100
53) 2,4-Dinitrophenol	10.09	184	134	8.750	ng	# 32
62) Azobenzene	10.47	77	51799	3.092	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.32	198	119	5.733	ng	# 1
73) Di-n-butylphthalate	11.80	149	320035	16.473	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	185047	21.599	ng	95

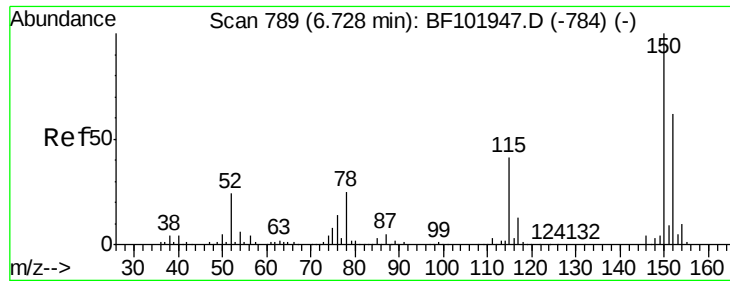
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102165.D
Acq On : 17 Jan 2018 22:07
Operator : SJ/JU
Sample : J1167-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 18 01:11:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



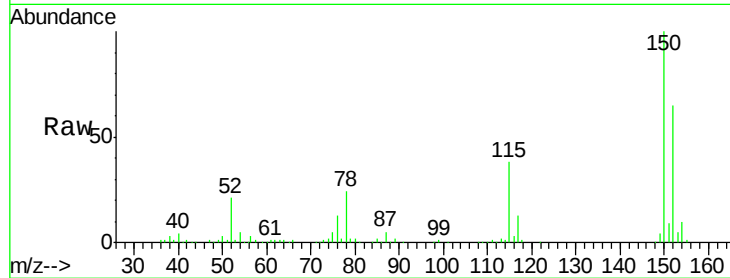


#1

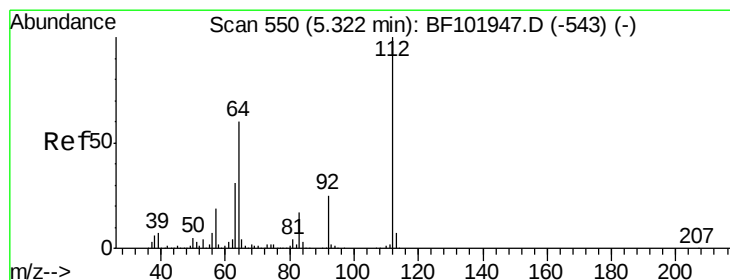
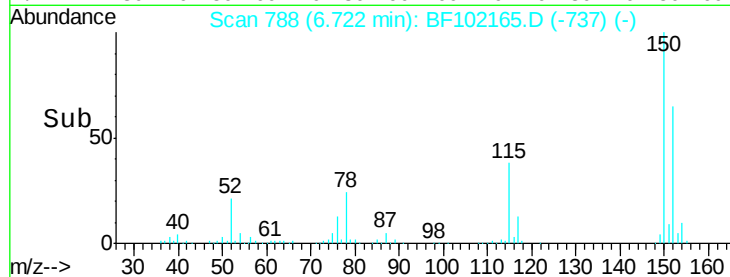
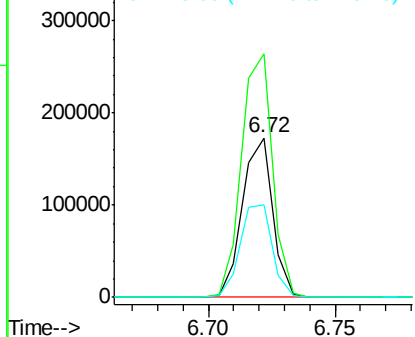
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143324
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 58.0 50.1 75.1



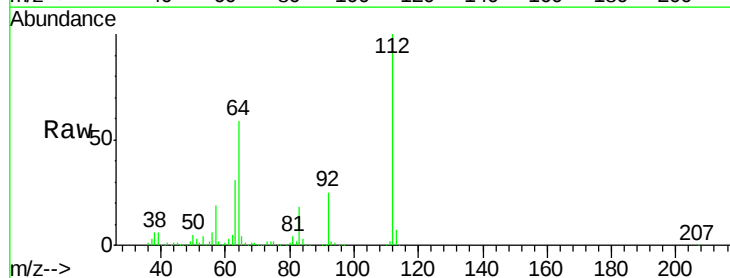
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



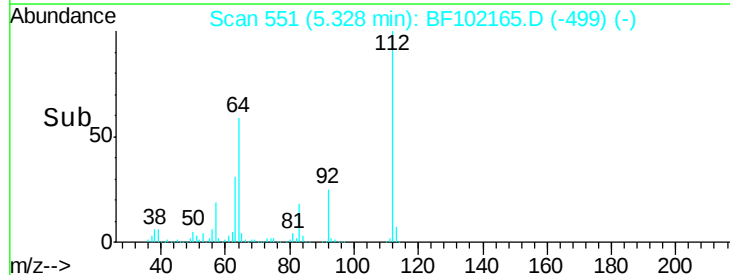
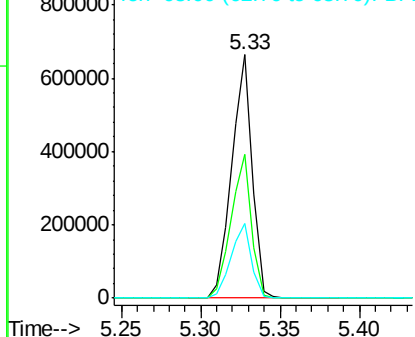
#5

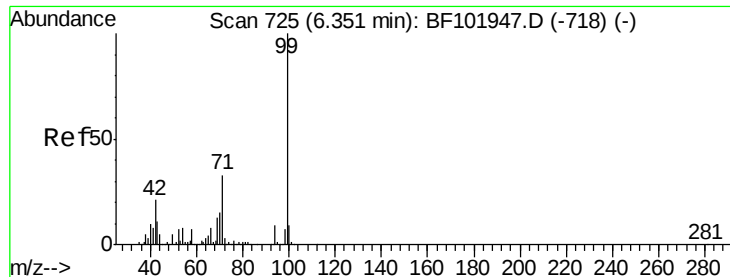
2-Fluorophenol
Concen: 58.636 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:112 Resp: 595150
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.7 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: 56.024 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

Instrument :

BNA_F

ClientSampled :

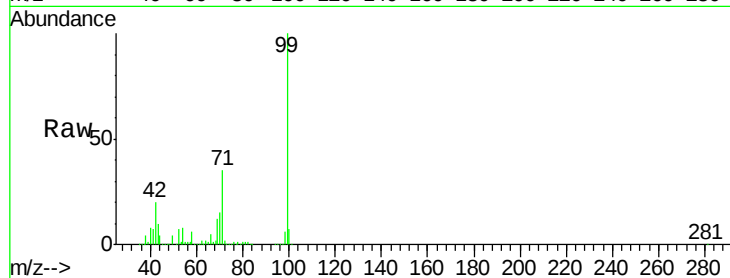
Tot Ion: 99 Resp: 678445

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

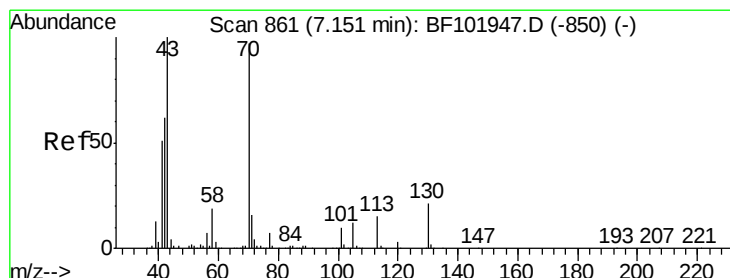
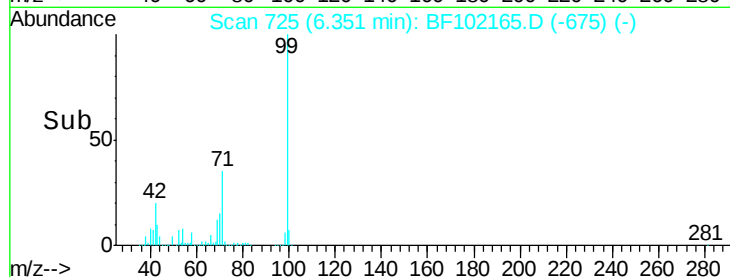
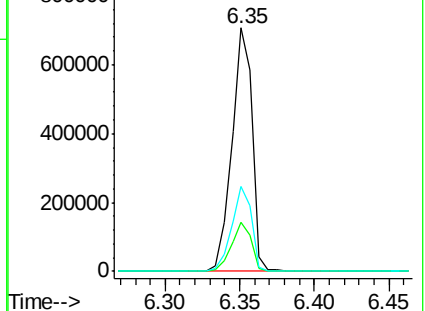
71 34.8 25.4 38.0



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: 7.142 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

Tgt Ion: 70 Resp: 56682

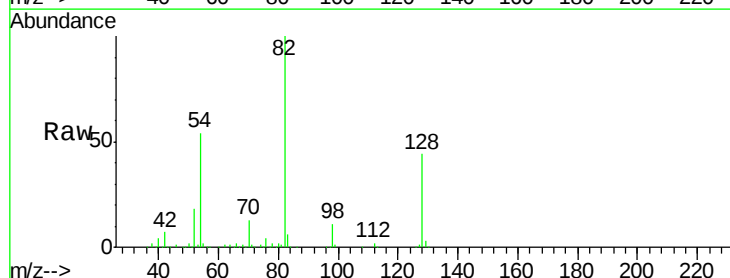
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

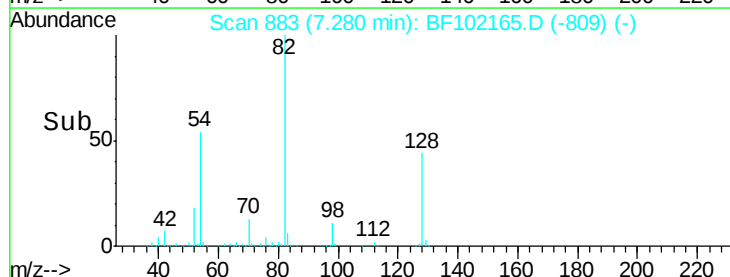
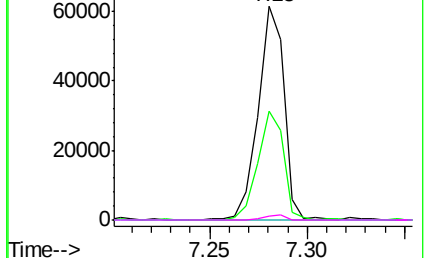


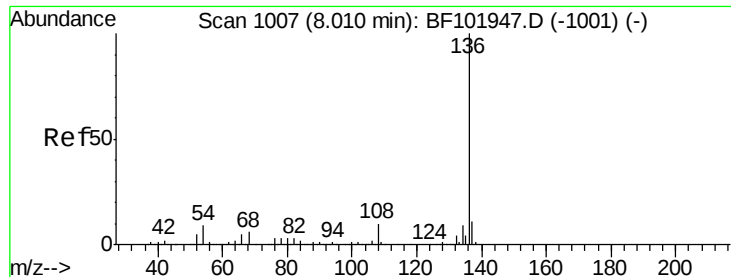
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 552102

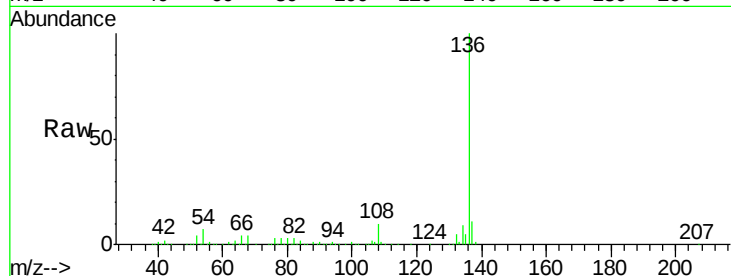
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.0 6.6 9.8

68 4.3 5.0 7.4#

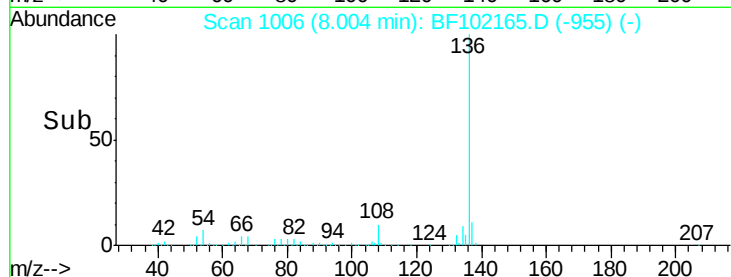


Abundance Ion 136.00 (135.70 to 136.70): E

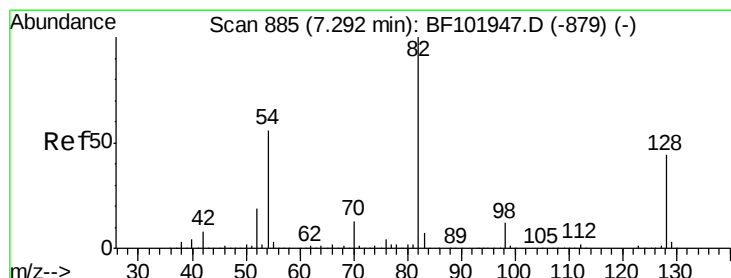
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 7.90 8.00 8.10



#23

Nitrobenzene-d5

Concen: 45.217 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

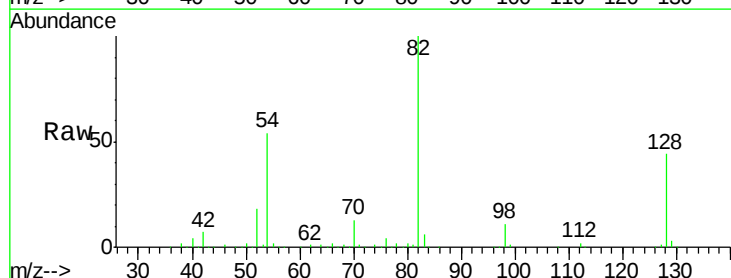
Tgt Ion: 82 Resp: 424822

Ion Ratio Lower Upper

82 100

128 43.6 36.1 54.1

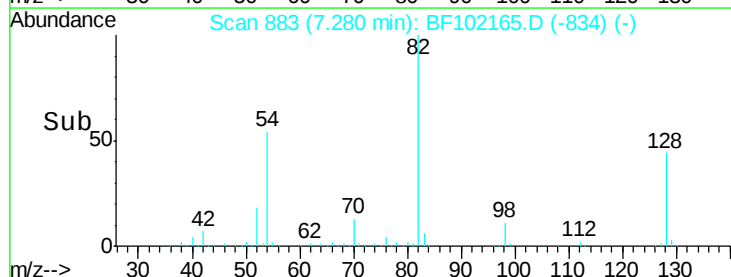
54 54.4 41.4 62.2



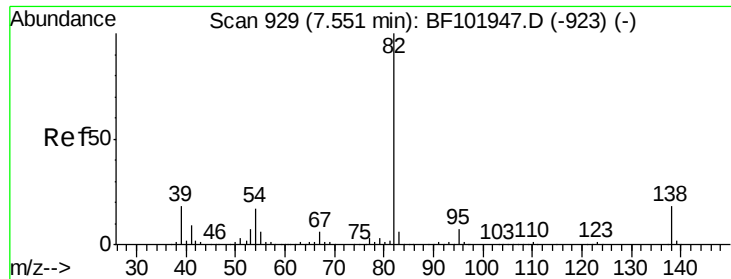
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time--> 7.20 7.25 7.30 7.35 7.40



#25

Isophorone

Concen: 22.782 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

Instrument :

BNA_F

ClientSampleId :

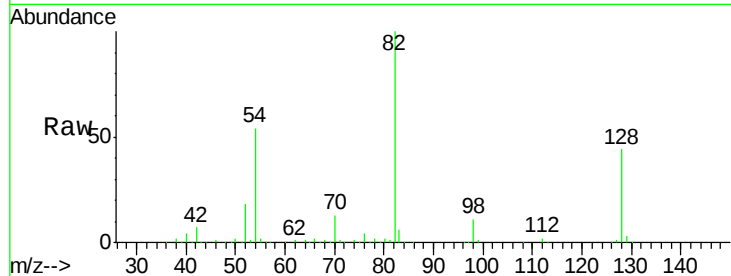
Tot Ion: 82 Resp: 422933

Ion Ratio Lower Upper

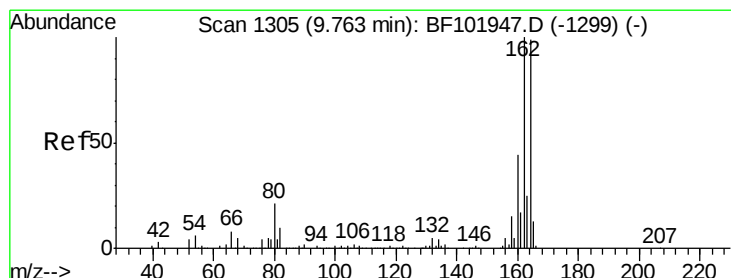
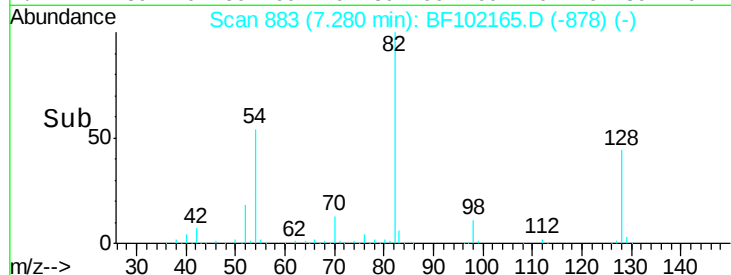
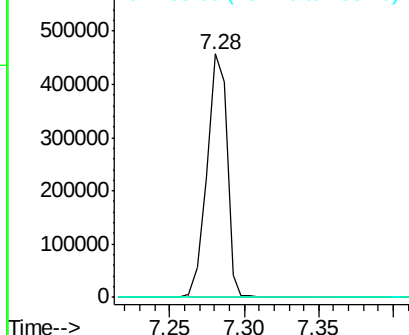
82 100

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: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

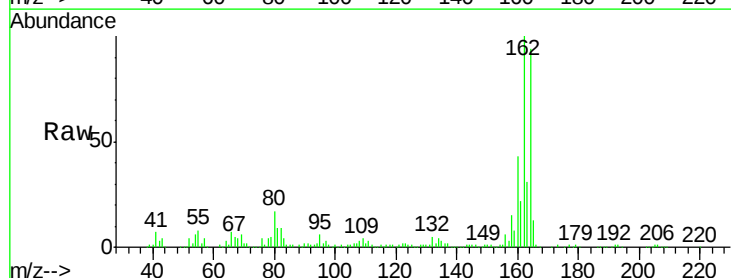
Tgt Ion:164 Resp: 211003

Ion Ratio Lower Upper

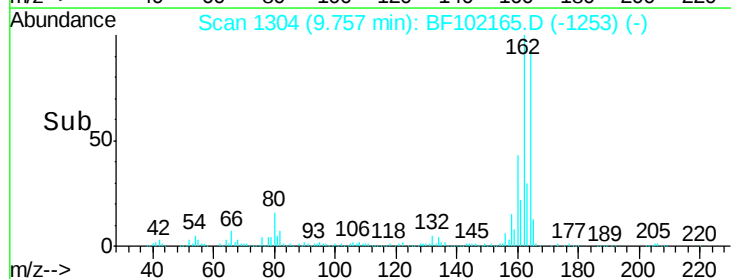
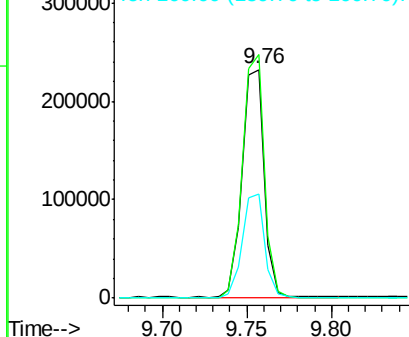
164 100

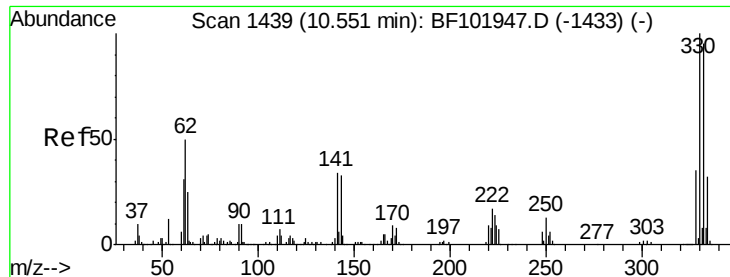
162 106.6 86.1 129.1

160 45.6 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

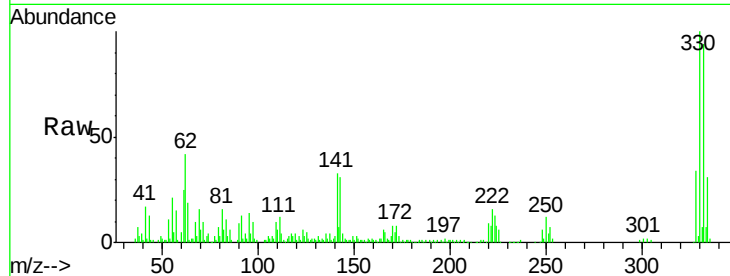




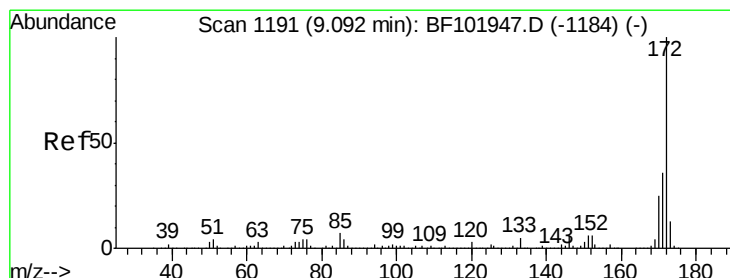
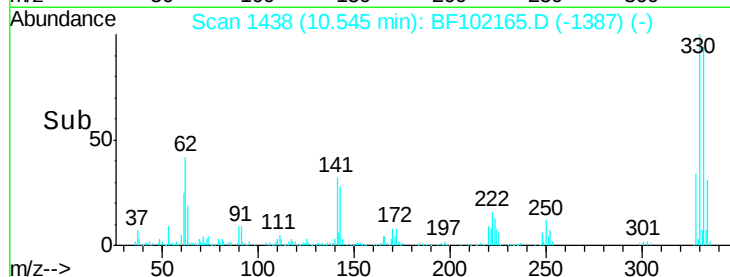
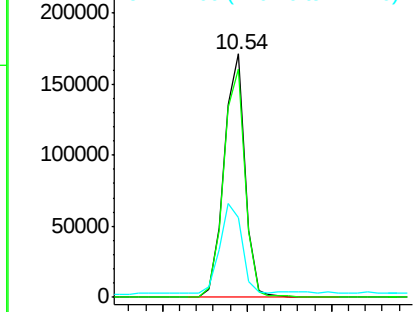
#41
 2,4,6-Tribromophenol
 Concen: 80.102 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102165.D
 Acq: 17 Jan 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 147499
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 38.6 29.9 44.9

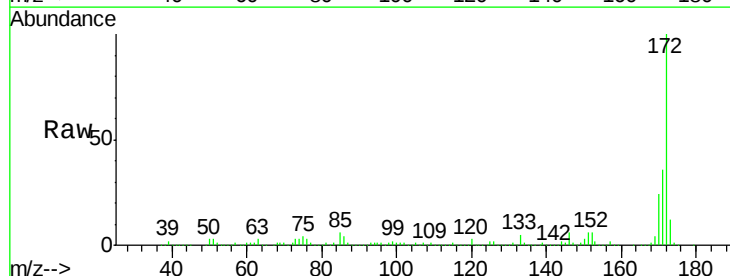


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

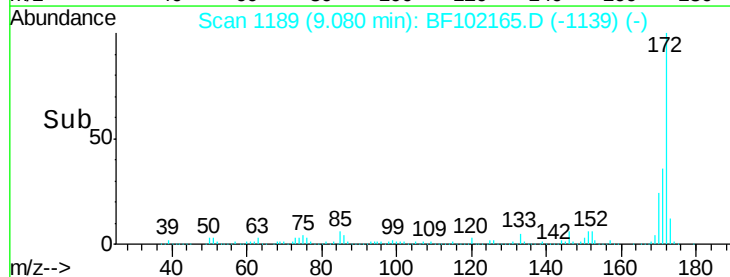
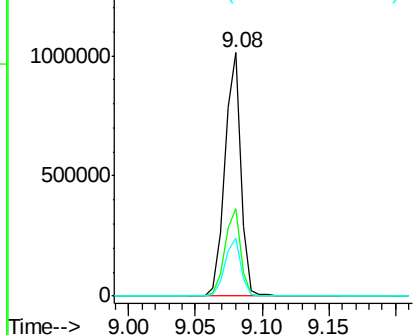


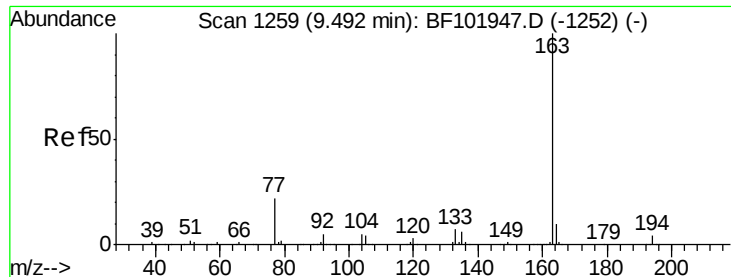
#44
 2-Fluorobiphenyl
 Concen: 63.840 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102165.D
 Acq: 17 Jan 2018 22:07

Tgt Ion:172 Resp: 862240
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 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

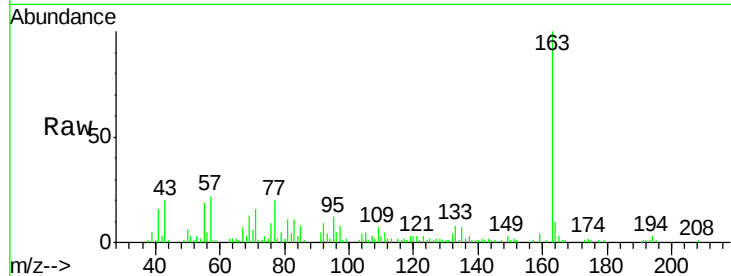




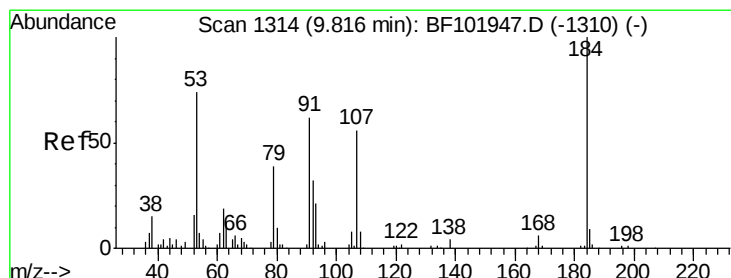
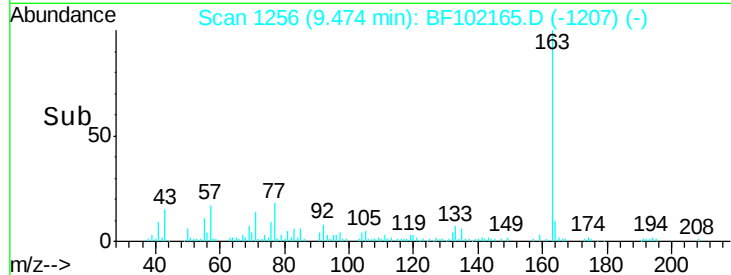
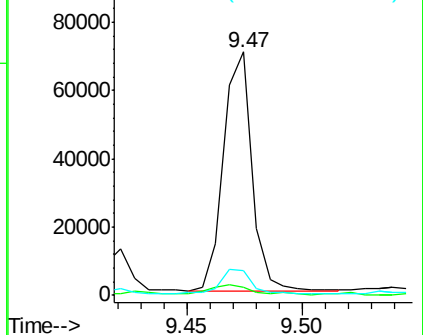
#49
Dimethylphthalate
Concen: 3.542 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 59955
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2

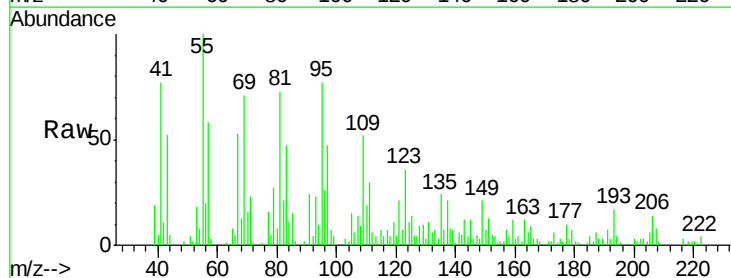


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

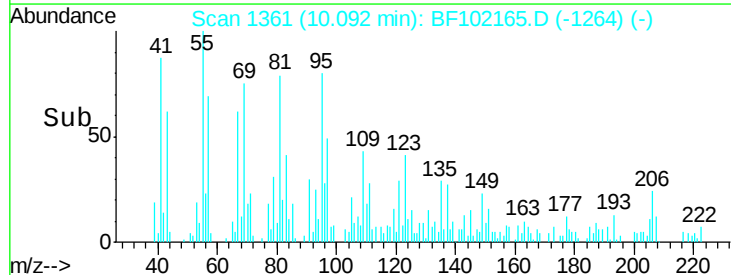
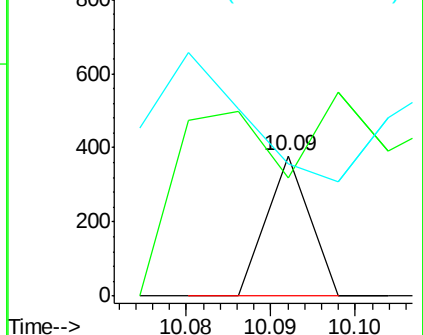


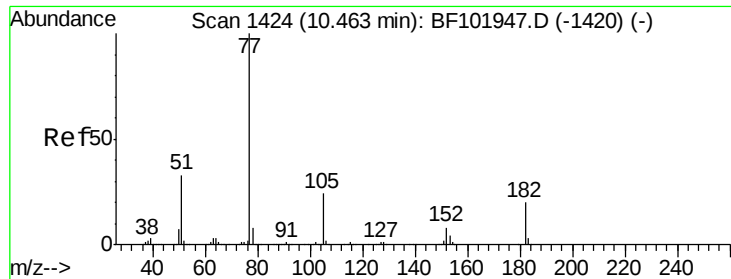
#53
2,4-Dinitrophenol
Concen: 8.750 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.27 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:184 Resp: 134
Ion Ratio Lower Upper
184 100
63 83.9 54.2 81.2#
154 94.2 184.0 276.0#



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





#62

Azobenzene

Concen: 3.092 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102165.D

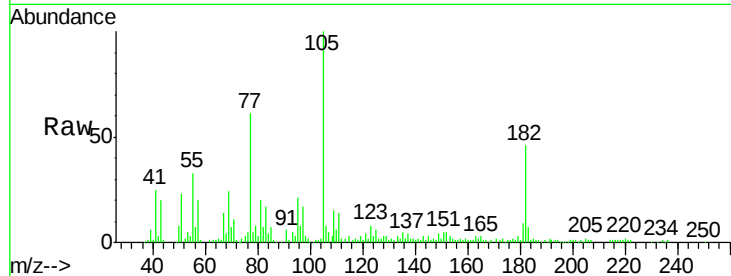
Acq: 17 Jan 2018 22:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:	77	Resp:	51799
Ion	Ratio	Lower	Upper
77	100		
182	75.3	1.7	41.7#
105	163.5	3.0	43.0#
51	38.1	9.9	49.9

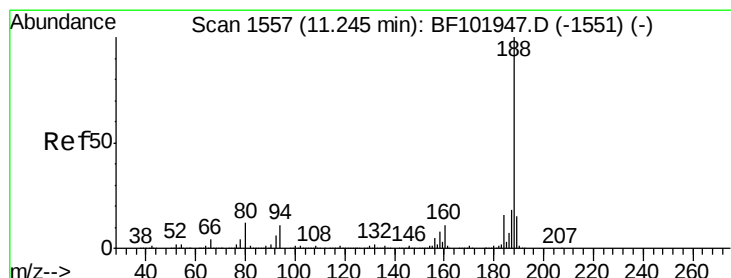
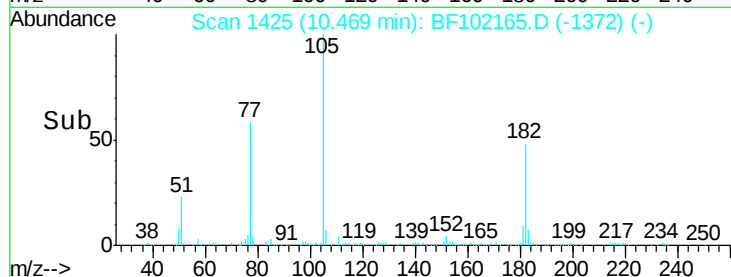
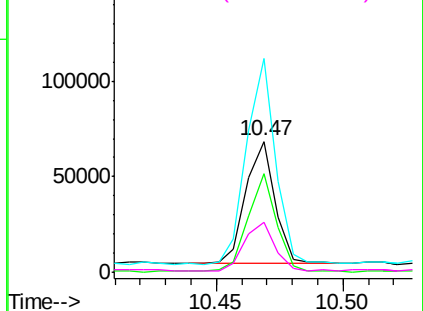


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.000 ng

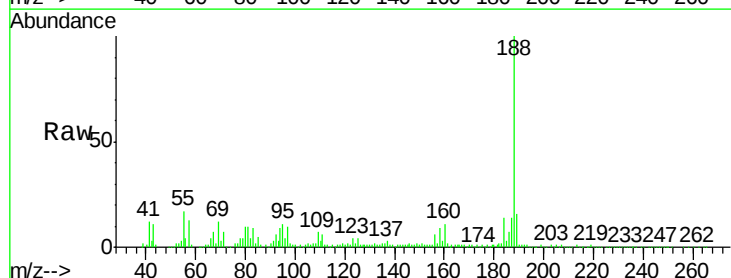
RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

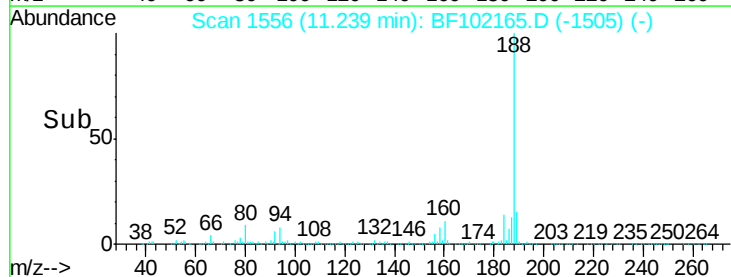
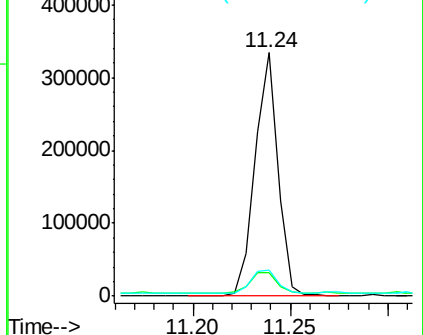
Tgt Ion:	188	Resp:	271955
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.5	9.2	13.8

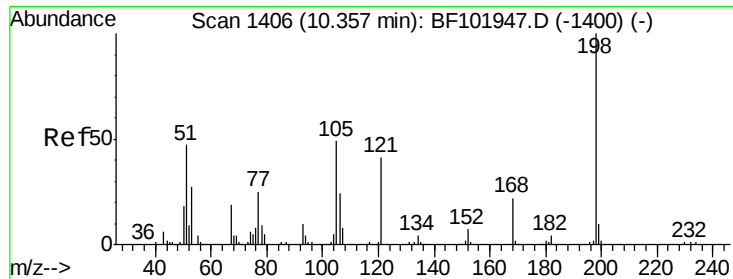


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

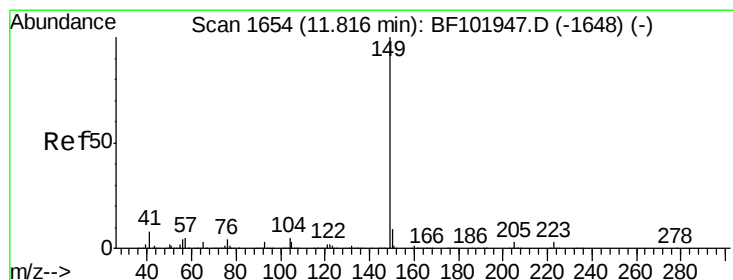
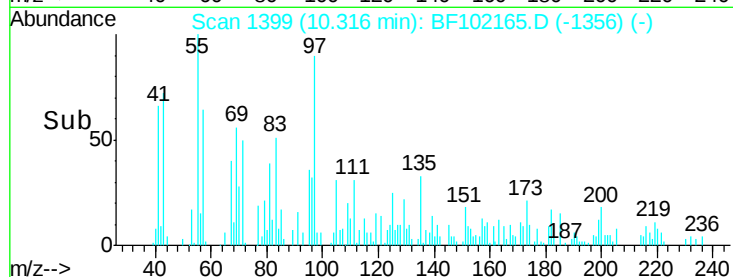
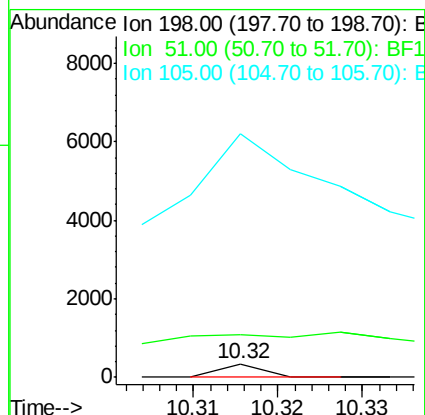
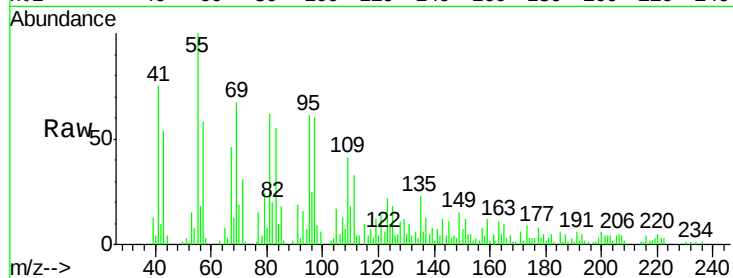




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.733 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.05 min
 Lab File: BF102165.D
 Acq: 17 Jan 2018 22:07

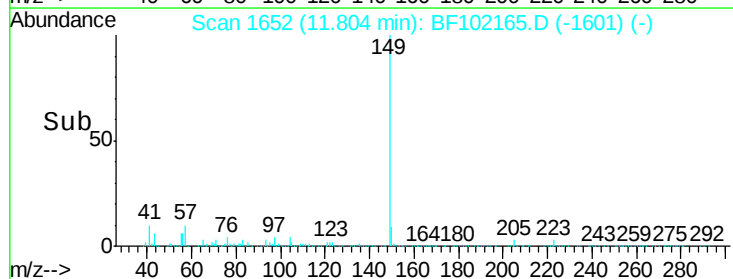
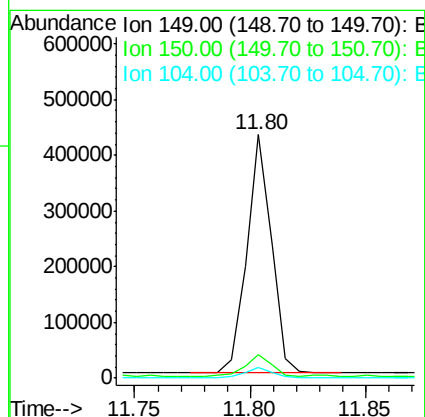
Instrument :
 BNA_F
 ClientSampleId :

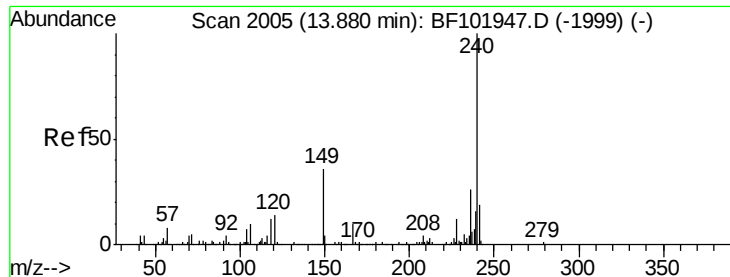
Tot Ion:198 Resp: 119
 Ion Ratio Lower Upper
 198 100
 51 321.7 37.7 77.7#
 105 1840.9 36.3 76.3#



#73
 Di-n-butylphthalate
 Concen: 16.473 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF102165.D
 Acq: 17 Jan 2018 22:07

Tgt Ion:149 Resp: 320035
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.5 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

Instrument :

BNA_F

ClientSampled :

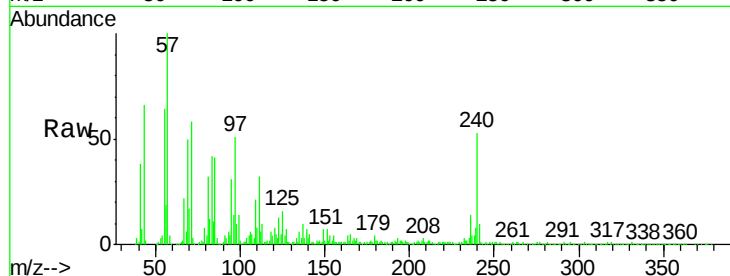
Tot Ion:240 Resp: 184106

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

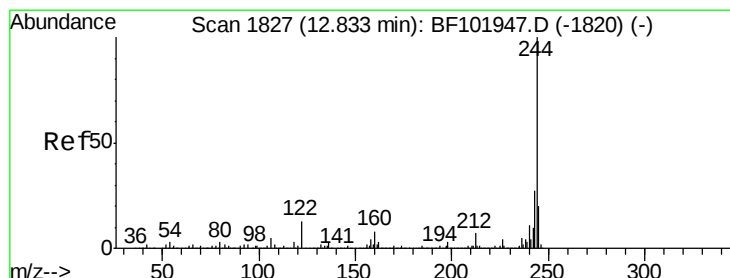
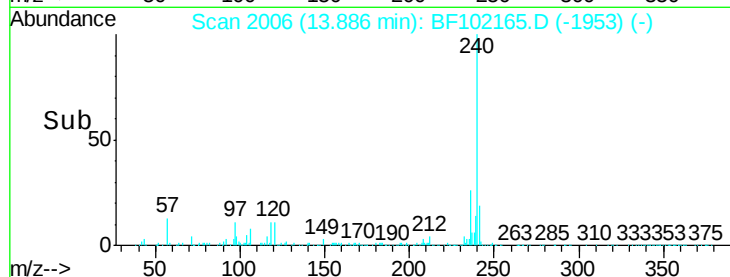
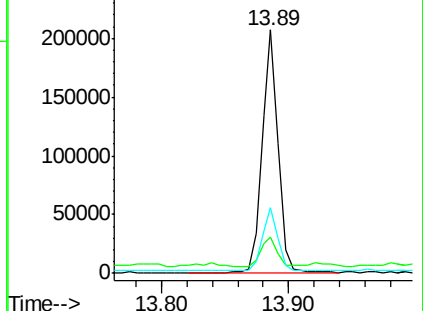
236 26.8 20.7 31.1



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: 71.433 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102165.D

Acq: 17 Jan 2018 22:07

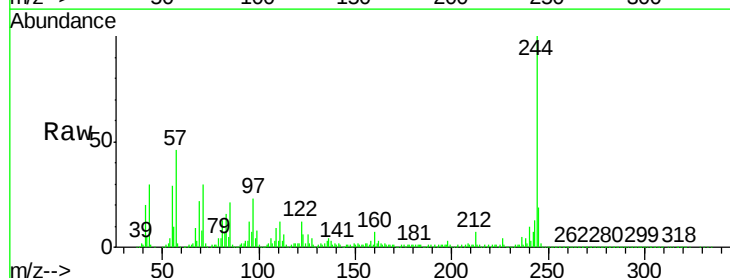
Tgt Ion:244 Resp: 633410

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

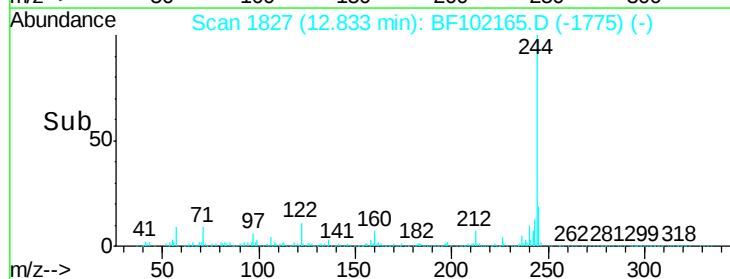
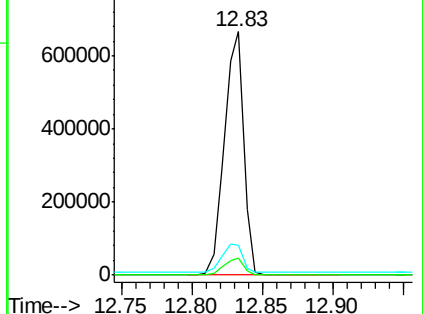
122 12.0 11.0 16.4

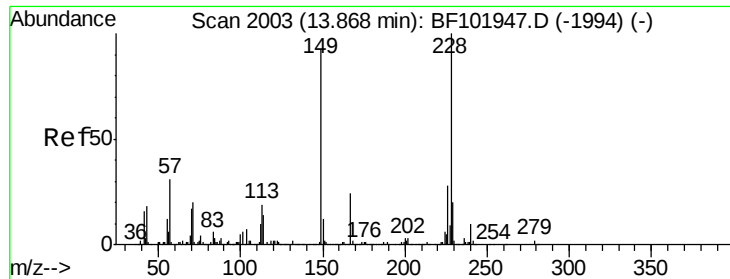


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

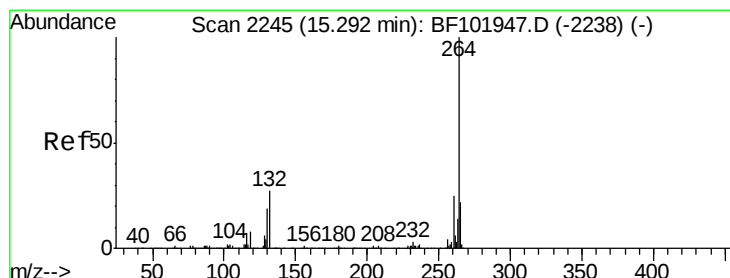
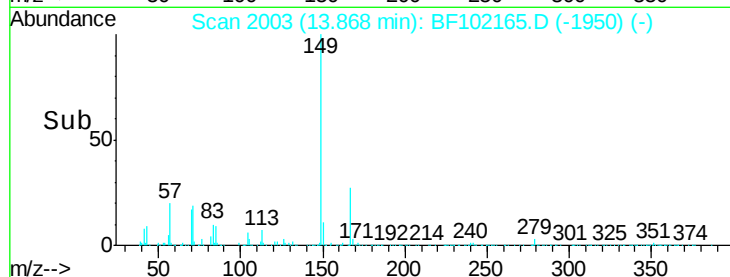
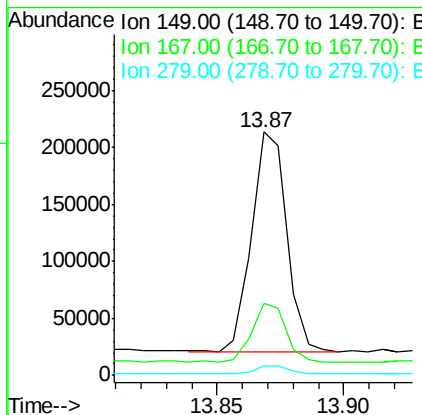
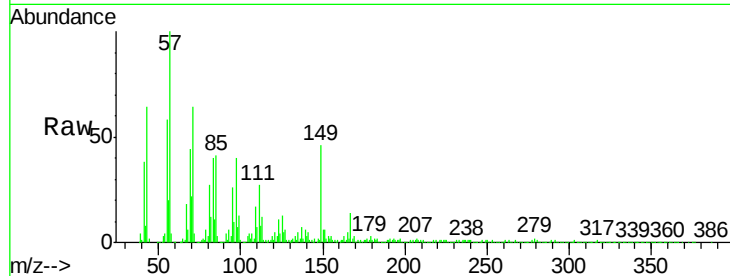




#83
Bis(2-ethylhexyl)phthalate
Concen: 21.599 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 185047
Ion Ratio Lower Upper
149 100
167 29.8 21.3 31.9
279 3.6 3.0 4.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.03 min
Lab File: BF102165.D
Acq: 17 Jan 2018 22:07

Tgt Ion:264 Resp: 224475
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.7 17.5 26.3

