

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102108.D
 Acq On : 16 Jan 2018 14:42
 Operator : SJ/JU
 Sample : J1114-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 23:32:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

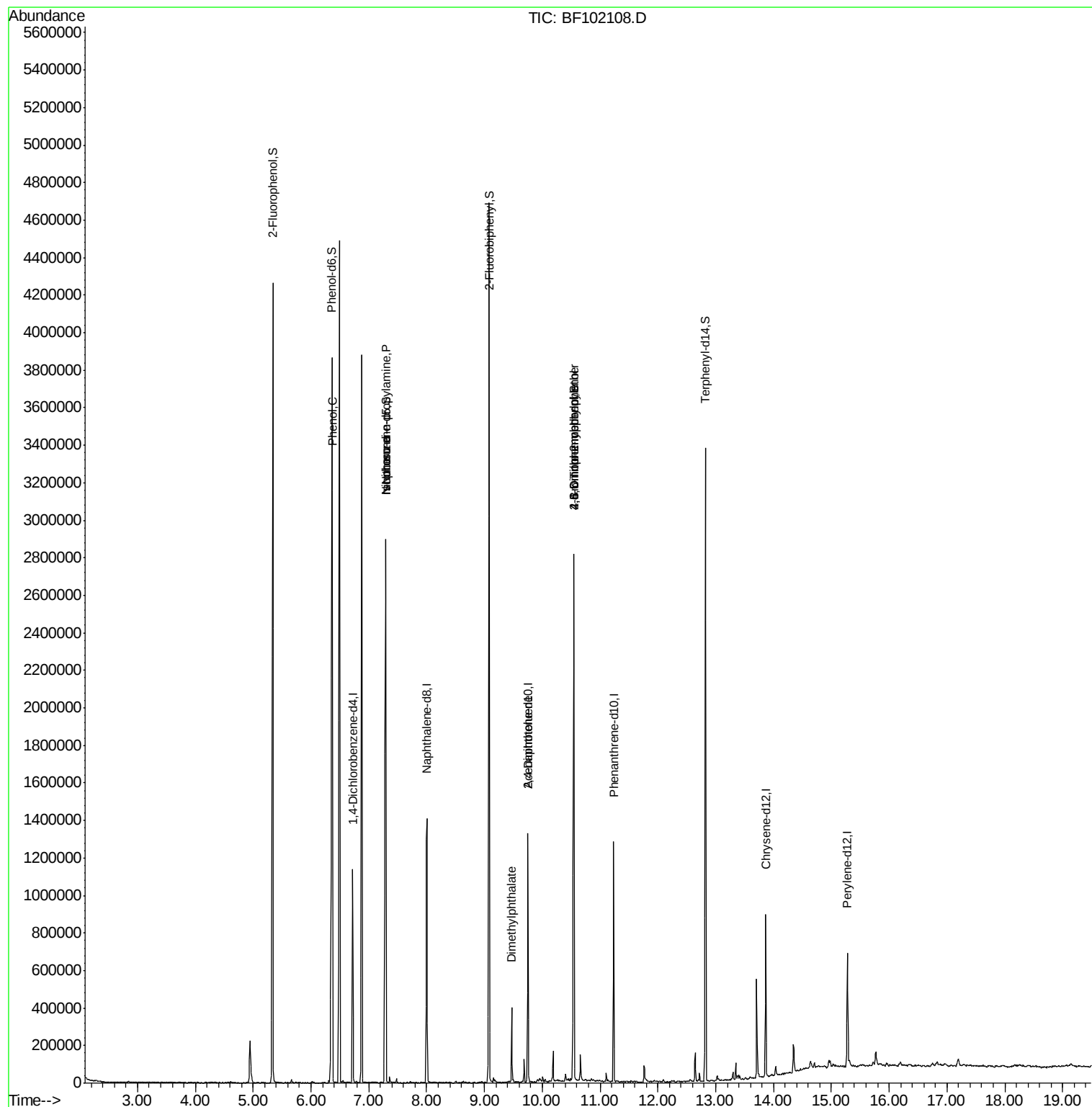
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156394	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	637687	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	265146	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	421361	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	289661	20.00	ng	-0.02
86) Perylene-d12	15.28	264	241668	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1432766	129.36	ng	0.01
7) Phenol-d6	6.36	99	1715110	129.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	1082826	99.78	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	331282	143.17	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1619357	95.41	ng	-0.01
78) Terphenyl-d14	12.82	244	1170923	83.93	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	44429	2.975	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	144540	16.691	ng	# 81
25) Isophorone	7.29	82	1079692	50.354	ng	# 64
49) Dimethylphthalate	9.47	163	152823	7.185	ng	100
56) 2,4-Dinitrotoluene	9.75	165	35127	6.596	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	735	5.945	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	21156	4.754	ng	# 1

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

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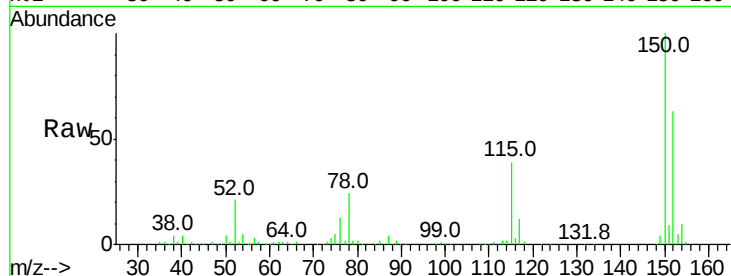


#1

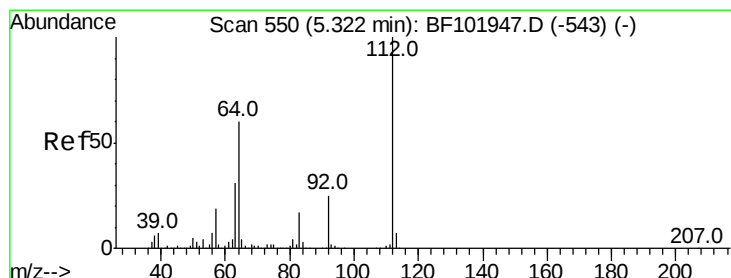
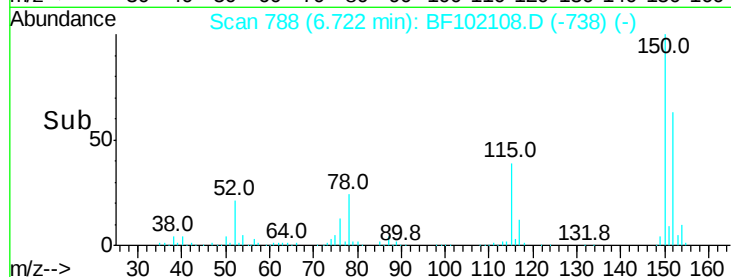
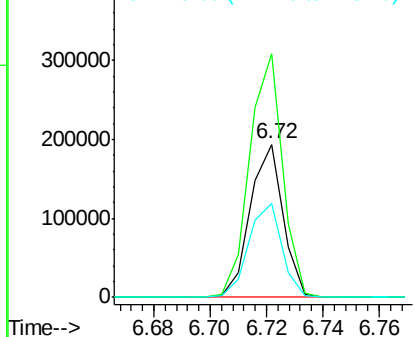
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102108.D
Acq: 16 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156394
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 61.7 50.1 75.1



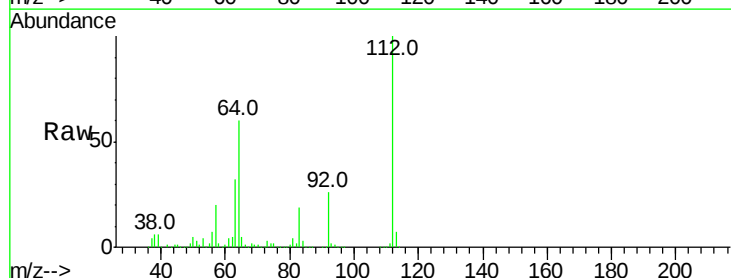
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



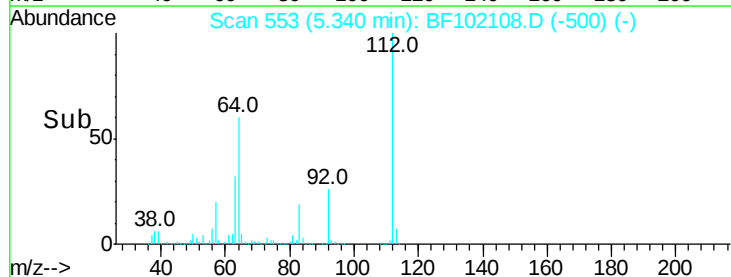
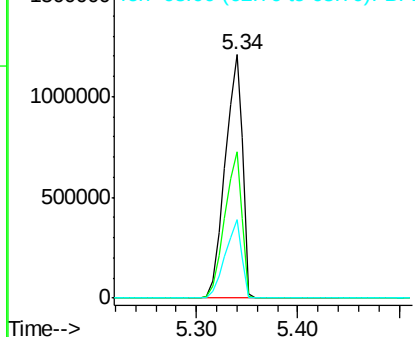
#5

2-Fluorophenol
Concen: 129.364 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102108.D
Acq: 16 Jan 2018 14:42

Tgt Ion:112 Resp: 1432766
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 32.1 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: 129.794 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

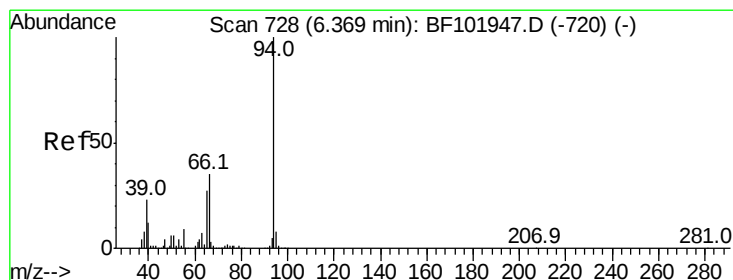
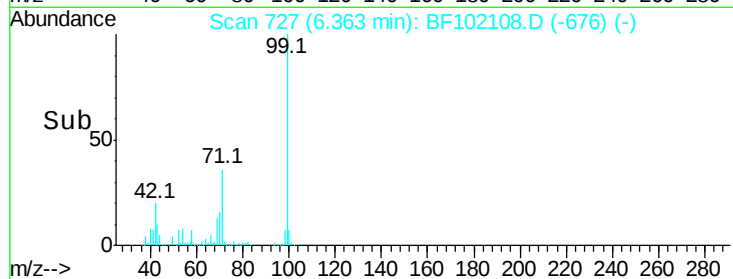
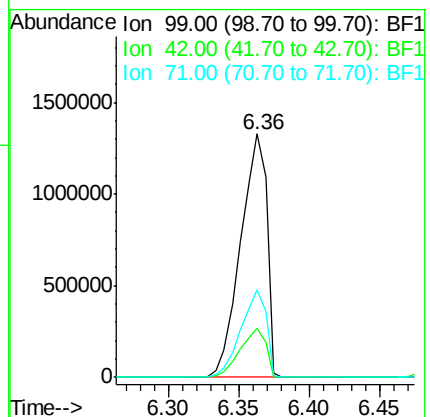
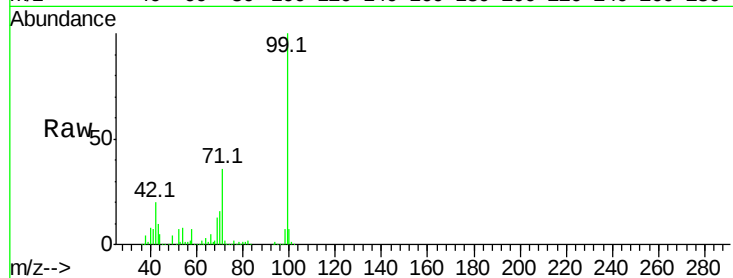
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1715110

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.7	25.4	38.0



#10

Phenol

Concen: 2.975 ng

RT: 6.37 min Scan# 729

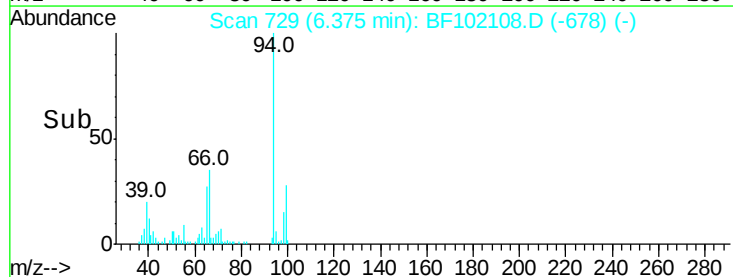
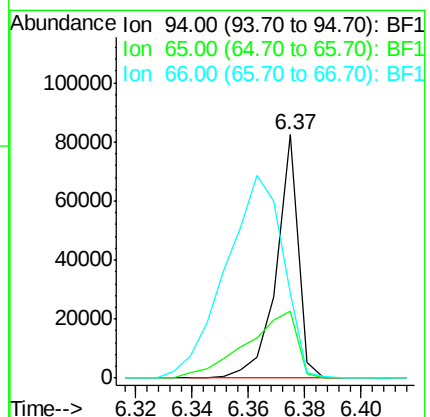
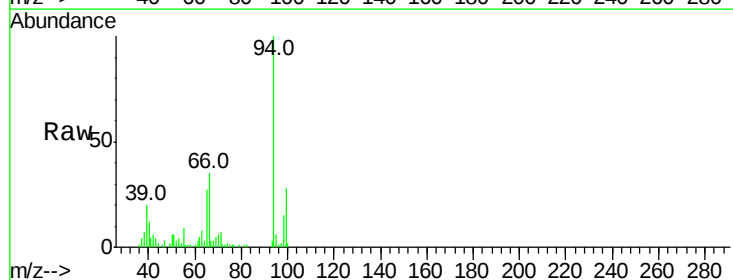
Delta R.T. 0.00 min

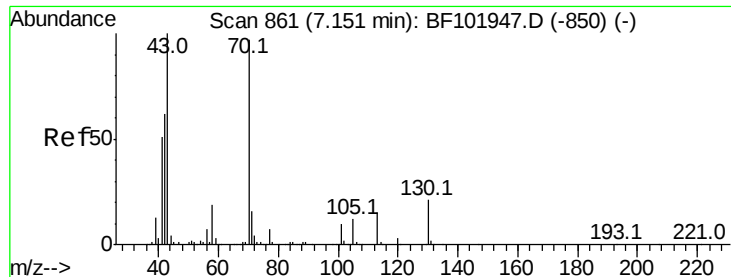
Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

Tgt Ion: 94 Resp: 44429

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	34.8	16.2	56.2





#19

n-Nitroso-di-n-propylamine

Concen: 16.691 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 144540

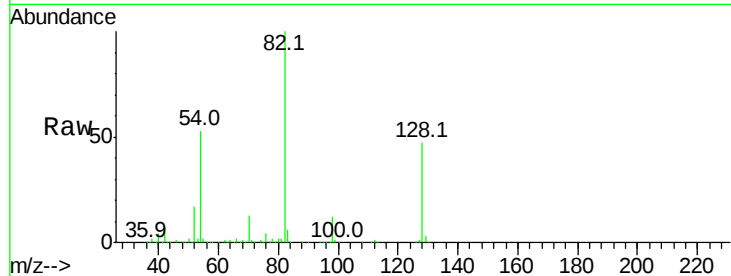
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

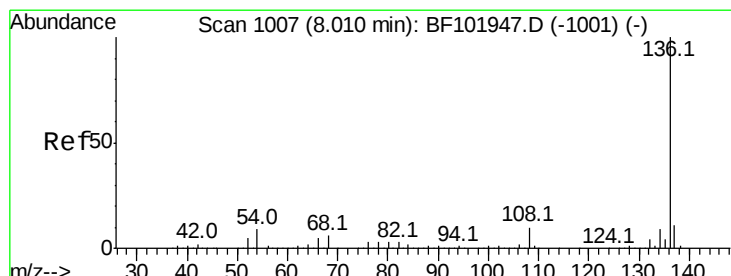
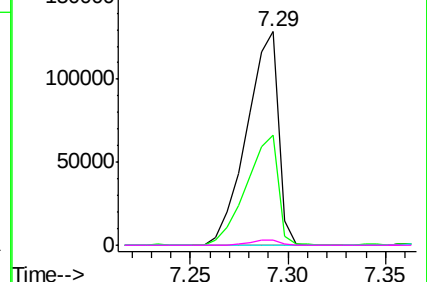
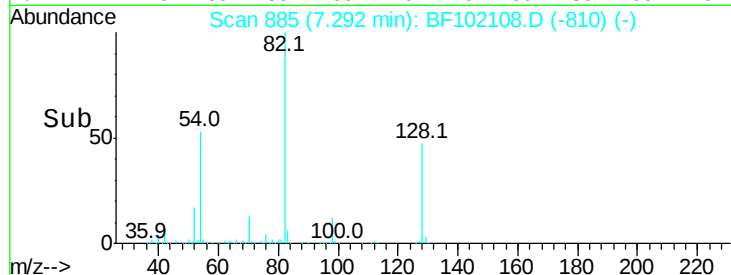


Abundance Ion 70.00 (69.70 to 70.70): BF1

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. -0.01 min

Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

Tgt Ion: 136 Resp: 637687

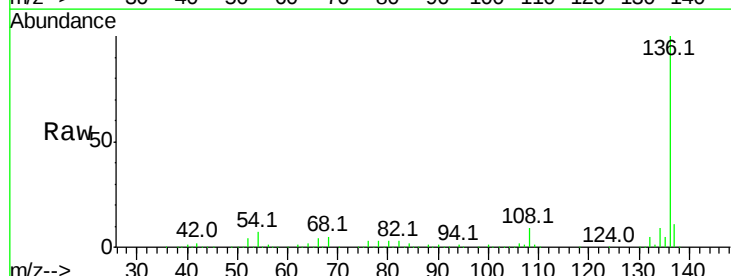
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 6.6 9.8

68 4.6 5.0 7.4#

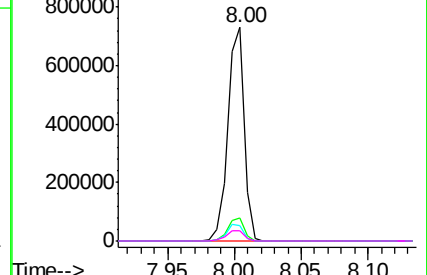
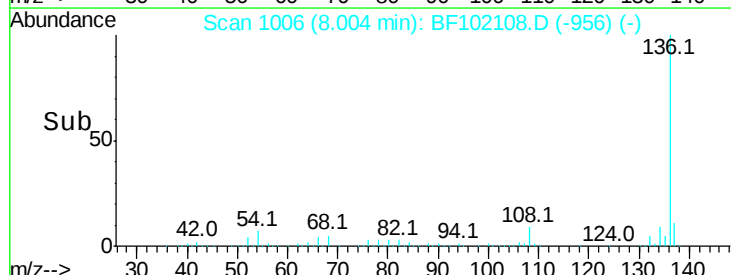


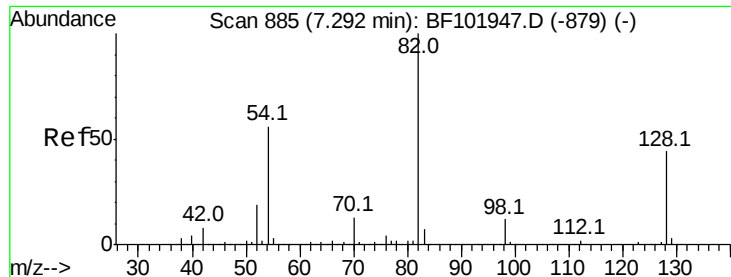
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

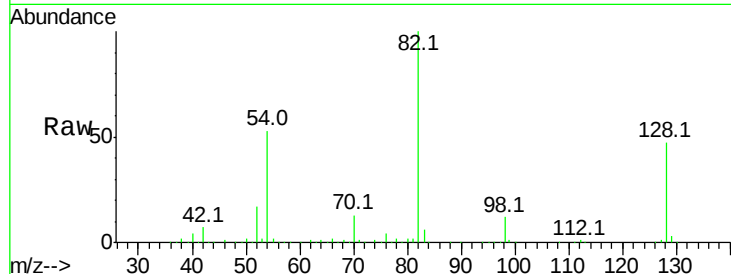




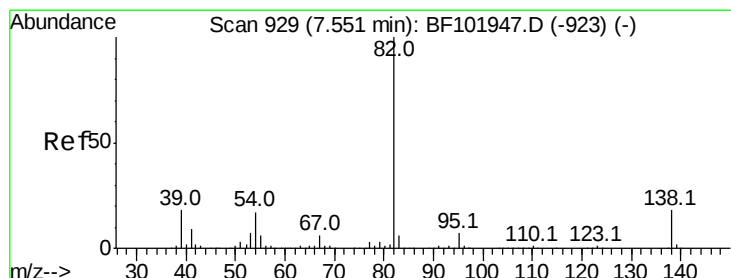
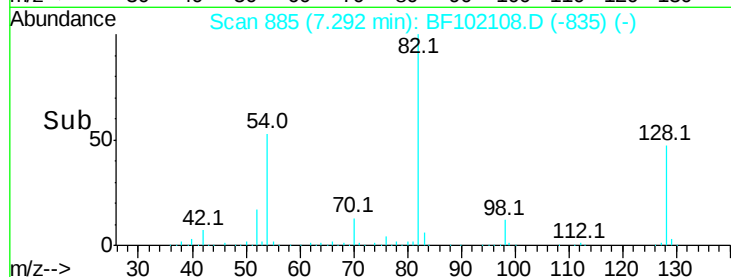
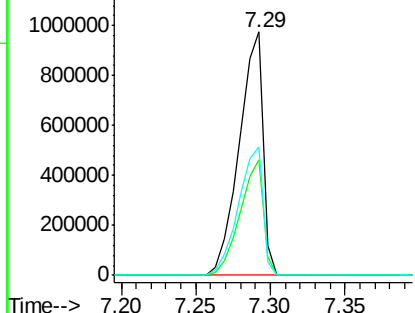
#23
Nitrobenzene-d5
Concen: 99.785 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102108.D
Acq: 16 Jan 2018 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1082826
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 53.0 41.4 62.2

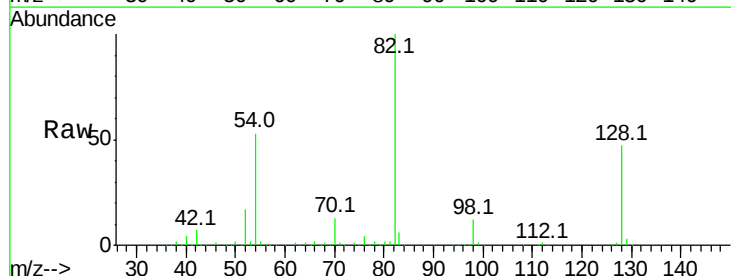


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

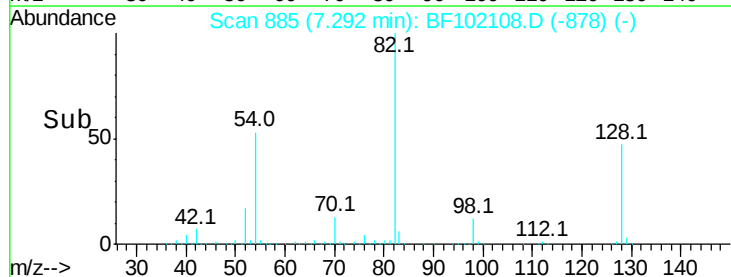
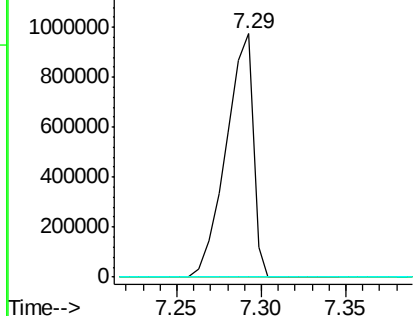


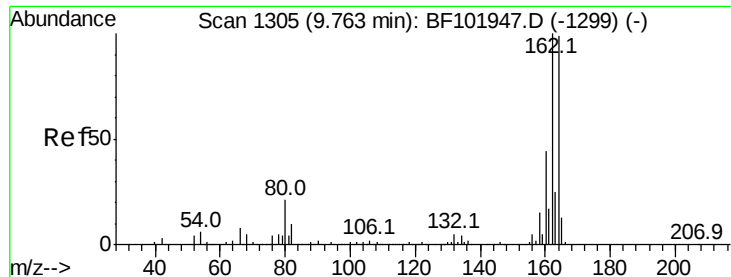
#25
Isophorone
Concen: 50.354 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF102108.D
Acq: 16 Jan 2018 14:42

Tgt Ion: 82 Resp: 1079692
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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

Instrument :

BNA_F

ClientSampleId :

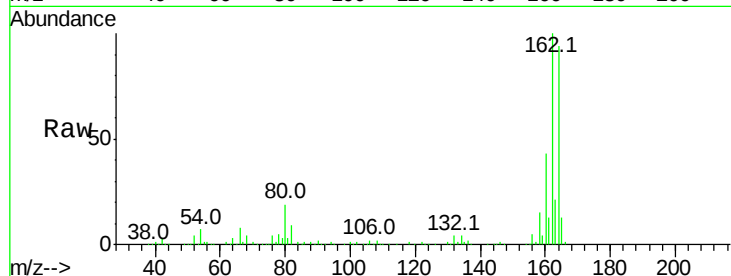
Tot Ion:164 Resp: 265146

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

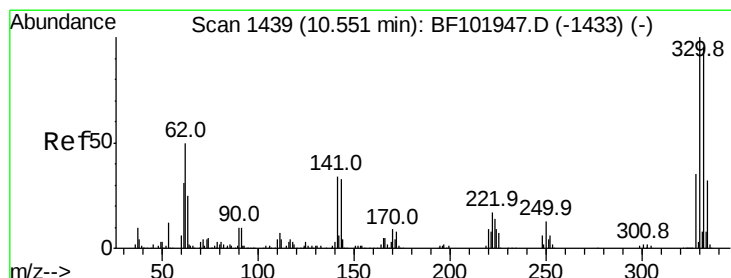
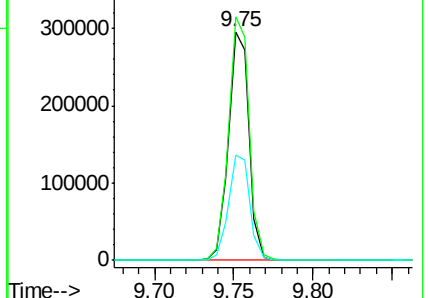
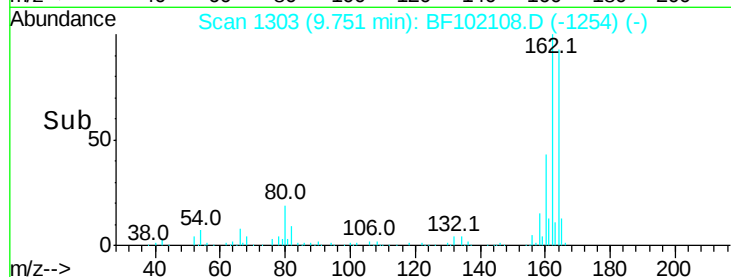
160 45.9 38.3 57.5



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: 143.171 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

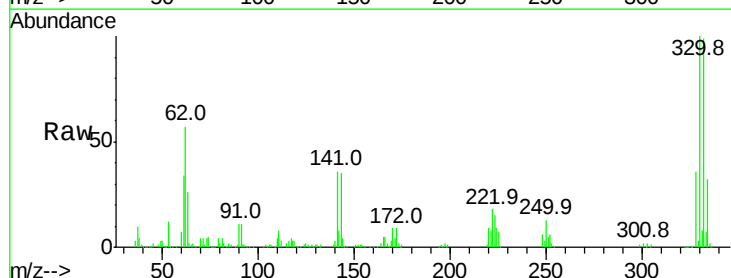
Tgt Ion:330 Resp: 331282

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

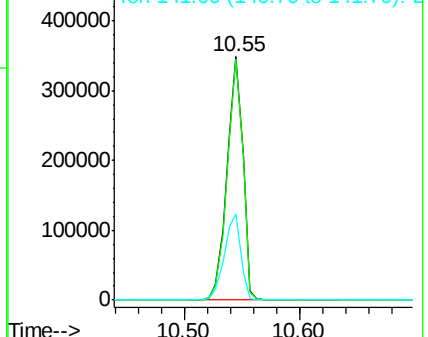
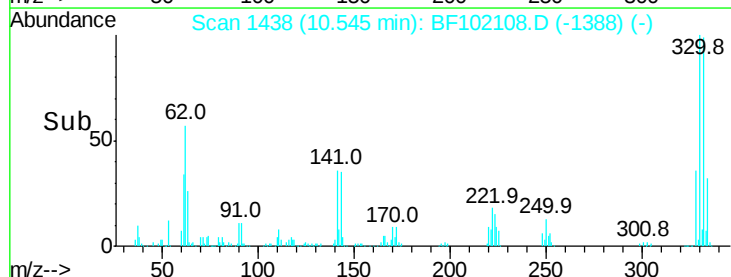
141 36.9 29.9 44.9



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

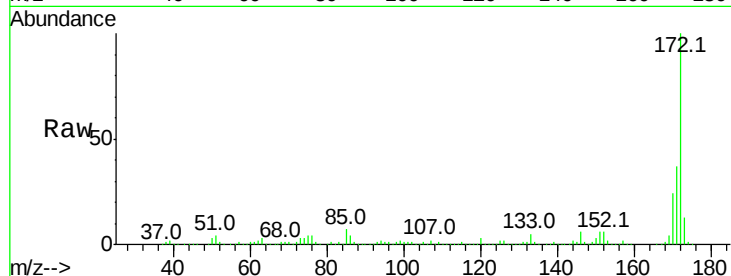




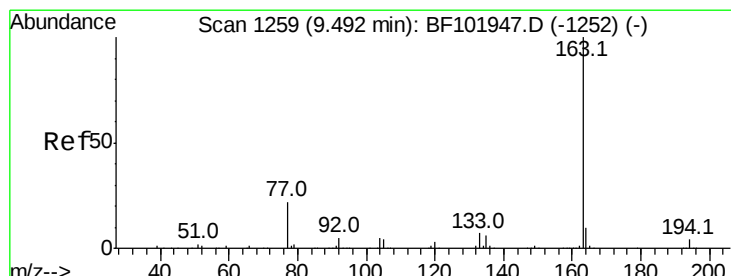
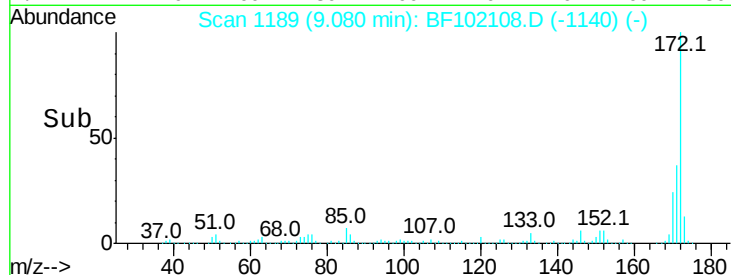
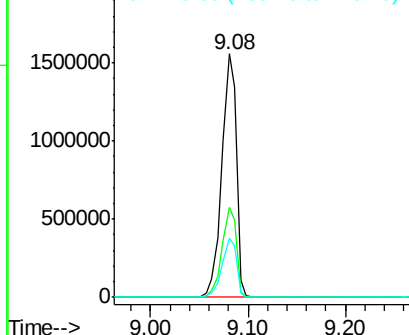
#44
2-Fluorobiphenyl
Concen: 95.414 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102108.D
Acq: 16 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1619357
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.4 19.6 29.4

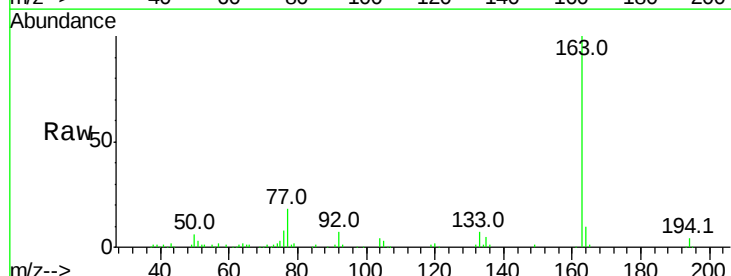


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

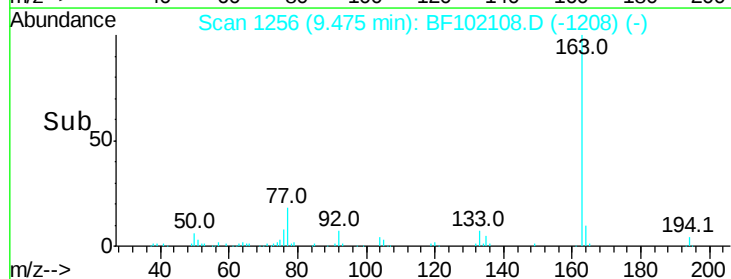
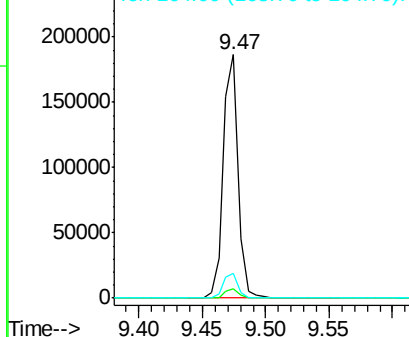


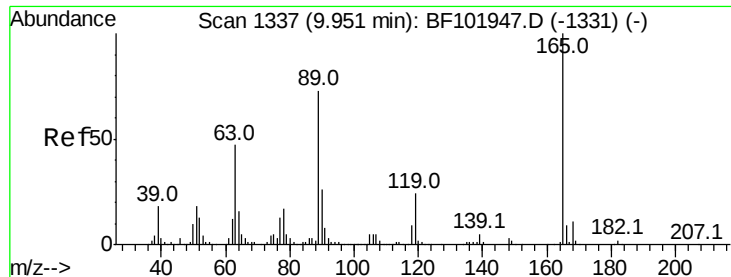
#49
Dimethylphthalate
Concen: 7.185 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102108.D
Acq: 16 Jan 2018 14:42

Tgt Ion:163 Resp: 152823
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 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

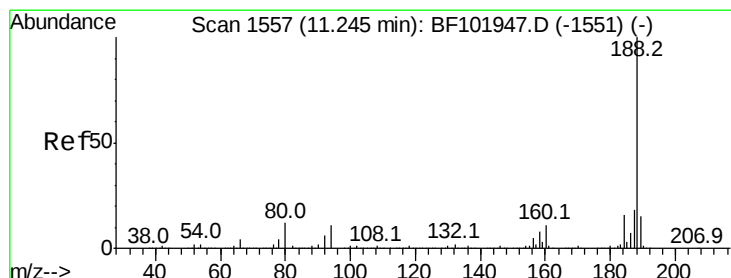
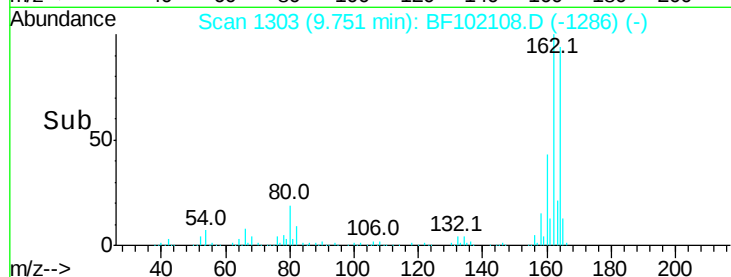
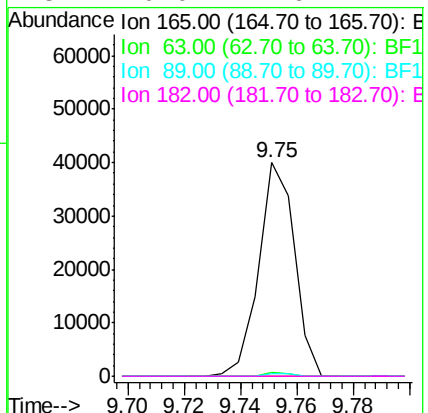
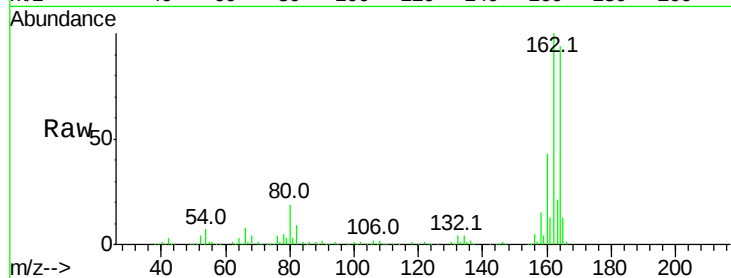




#56
 2,4-Dinitrotoluene
 Concen: 6.596 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102108.D
 Acq: 16 Jan 2018 14:42

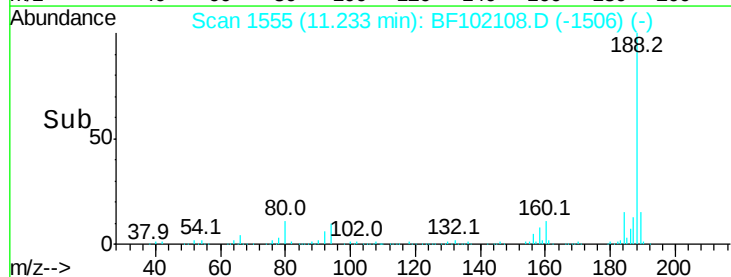
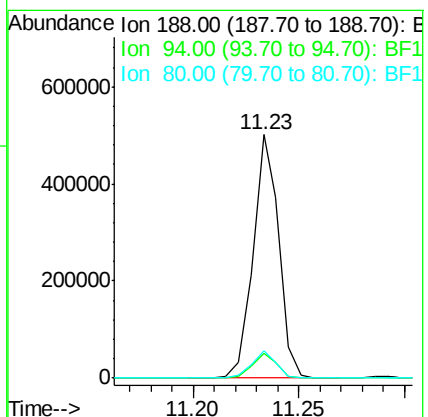
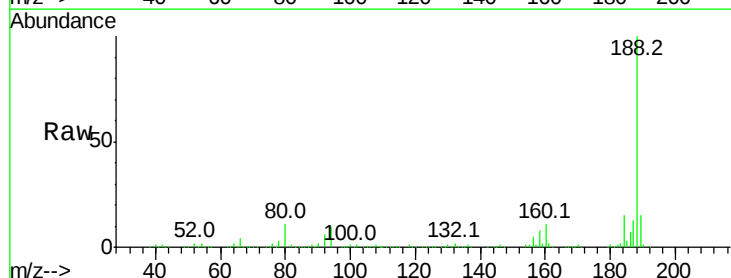
Instrument :
 BNA_F
 ClientSampleId :

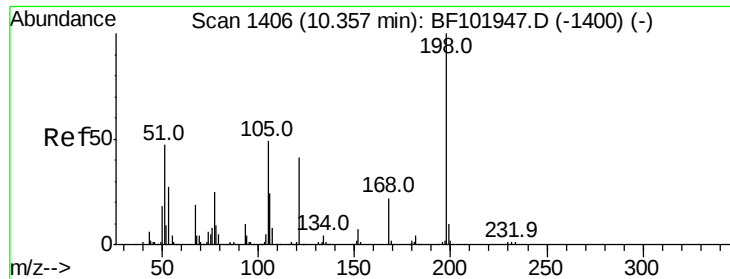
Tot Ion:	165	Resp:	35127
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102108.D
 Acq: 16 Jan 2018 14:42

Tgt Ion:	188	Resp:	421361
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8

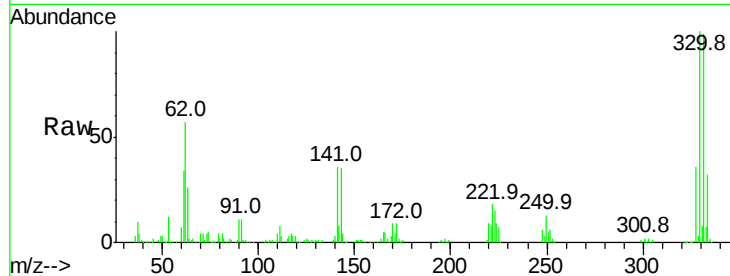




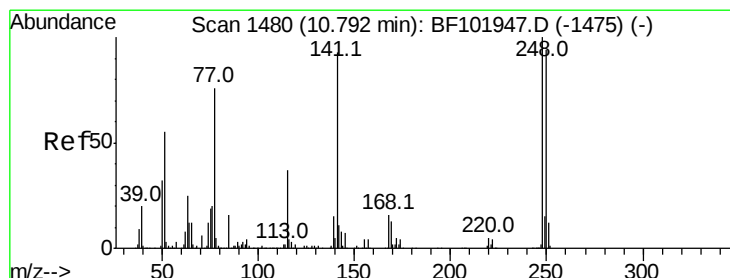
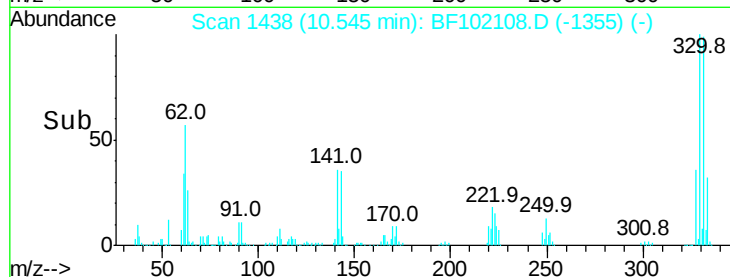
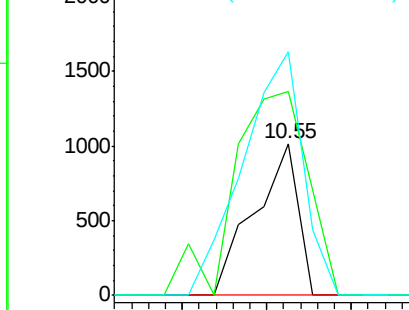
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.945 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF102108.D
 Acq: 16 Jan 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 735
 Ion Ratio Lower Upper
 198 100
 51 134.5 37.7 77.7#
 105 160.7 36.3 76.3#

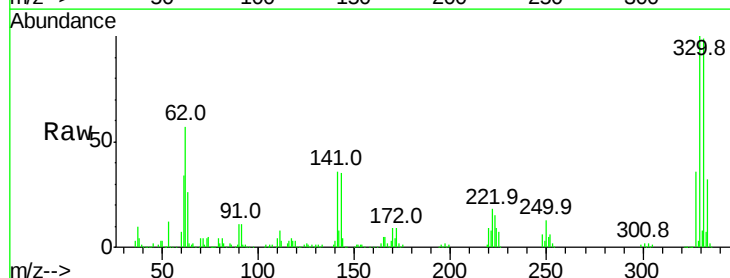


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

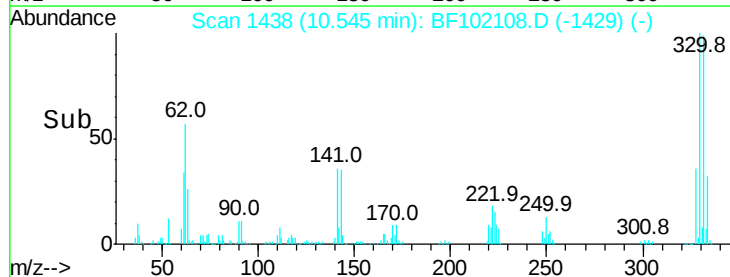
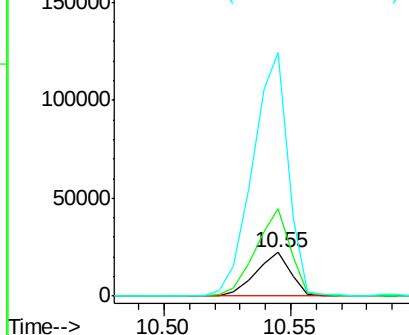


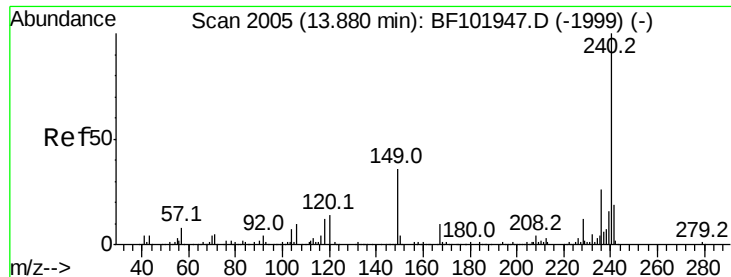
#66
 4-Bromophenyl-phenylether
 Concen: 4.754 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102108.D
 Acq: 16 Jan 2018 14:42

Tgt Ion:248 Resp: 21156
 Ion Ratio Lower Upper
 248 100
 250 200.1 76.9 115.3#
 141 555.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

Instrument :

BNA_F

ClientSampleId :

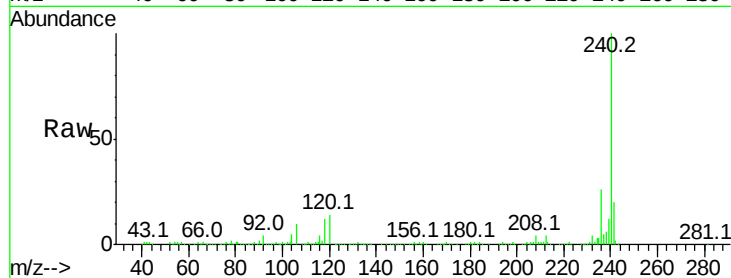
Tot Ion:240 Resp: 289661

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

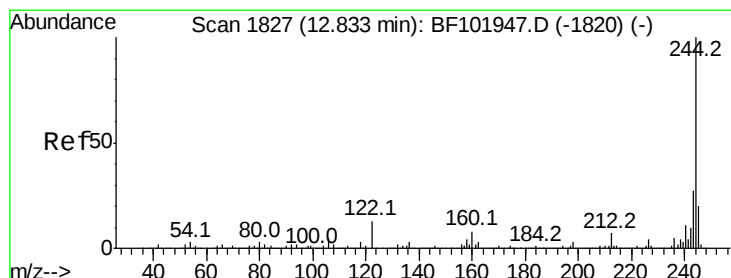
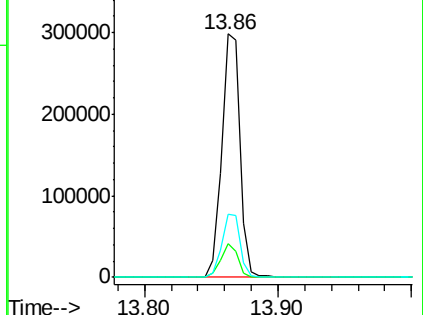
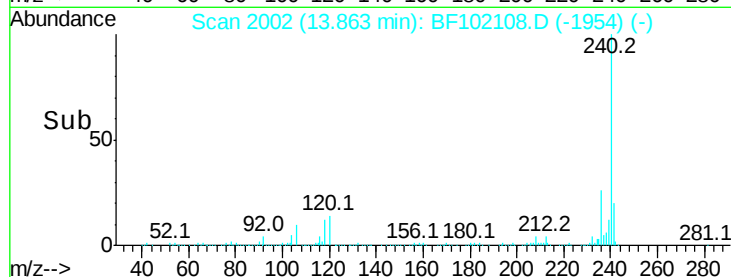
236 25.9 20.7 31.1



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: 83.931 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102108.D

Acq: 16 Jan 2018 14:42

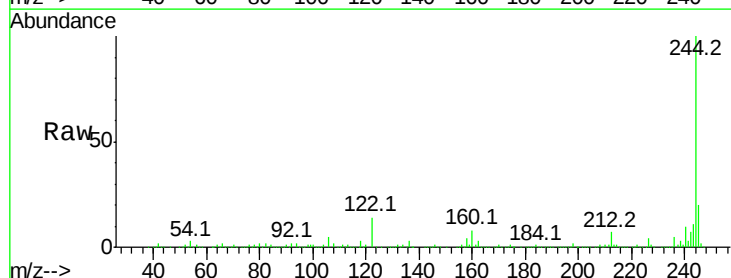
Tgt Ion:244 Resp: 1170923

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

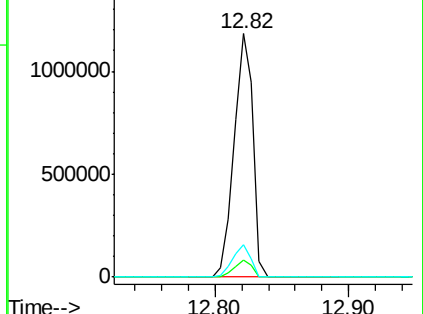
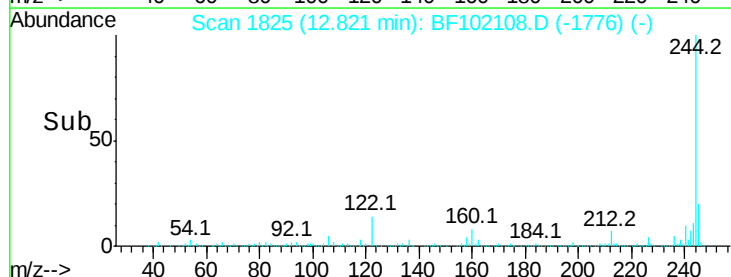
122 13.6 11.0 16.4

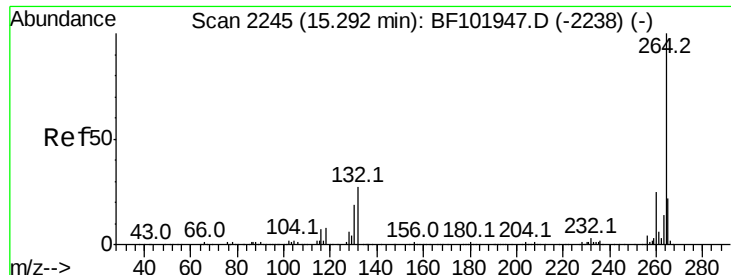


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

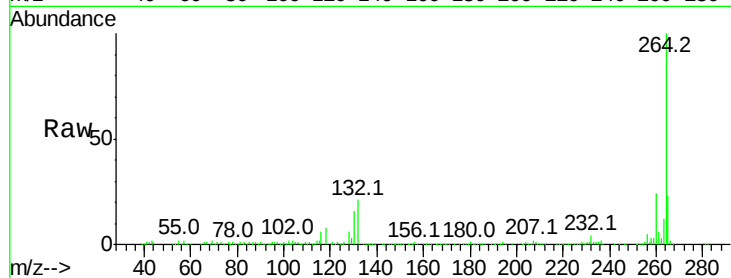




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102108.D
Acq: 16 Jan 2018 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.0	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

