

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107323.D
 Acq On : 12 Jul 2018 2:13
 Operator : JU/SJ
 Sample : J3931-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 07:16:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

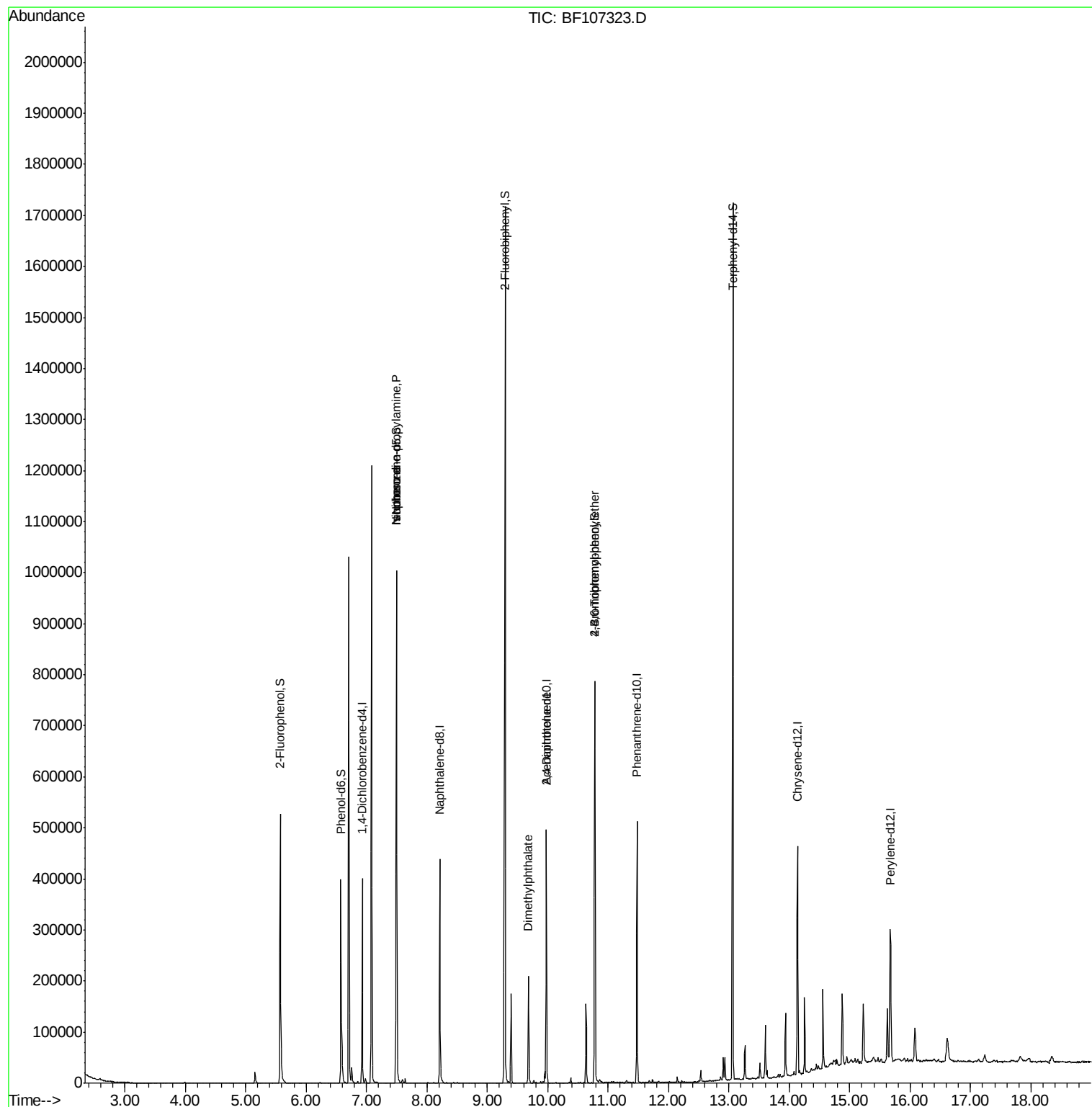
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55796	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	211897	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	104361	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	190415	20.00	ng	0.00
75) Chrysene-d12	14.14	240	150287	20.00	ng	0.00
86) Perylene-d12	15.67	264	135926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	165634	50.27	ng	0.00
7) Phenol-d6	6.58	99	142263	34.57	ng	0.00
23) Nitrobenzene-d5	7.50	82	363674	95.38	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	116265	96.12	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	624859	104.78	ng	0.00
78) Terphenyl-d14	13.07	244	671258	108.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	47027	17.338	ng	# 72
25) Isophorone	7.50	82	363674	54.127	ng	# 64
49) Dimethylphthalate	9.68	163	83780	10.704	ng	98
56) 2,4-Dinitrotoluene	9.98	165	12907	5.966	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6928	3.049	ng	# 1

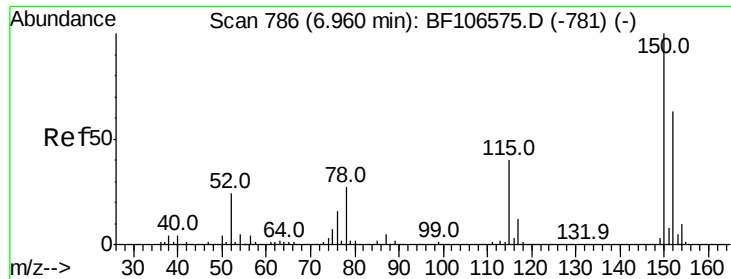
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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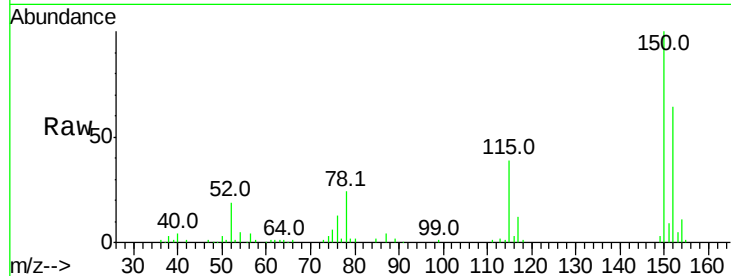


#1

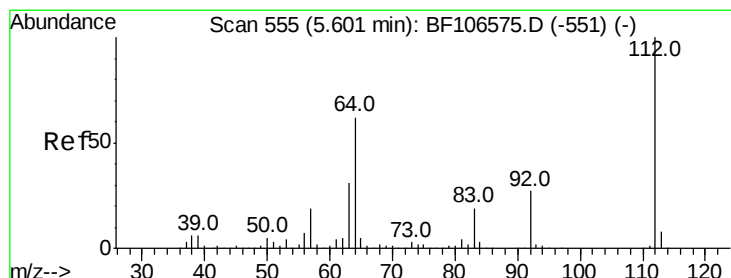
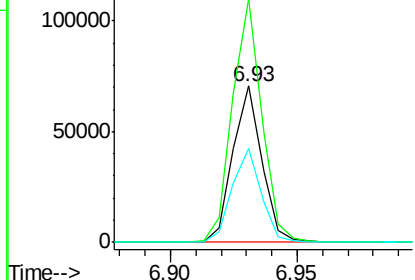
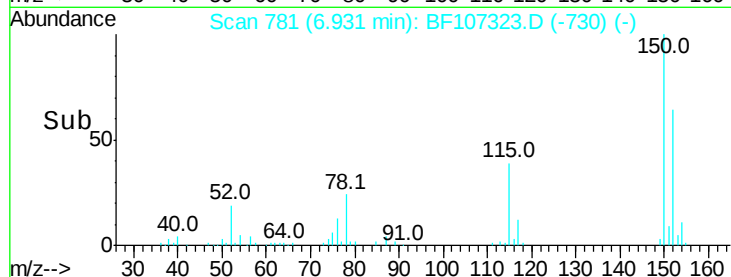
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107323.D
Acq: 12 Jul 2018 2:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55796
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.4 50.1 75.1



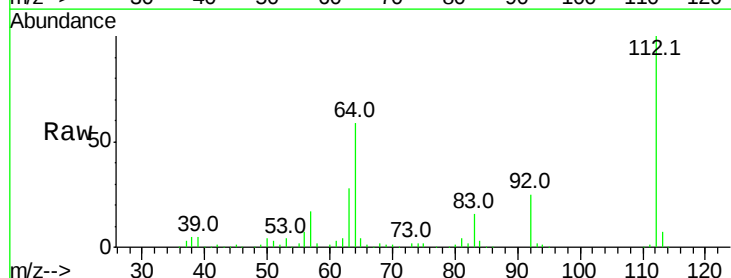
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



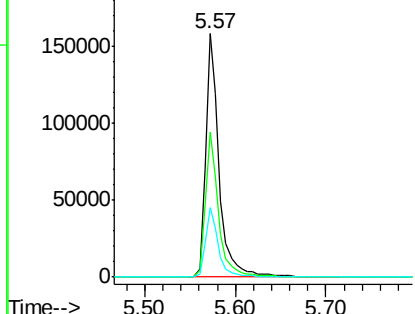
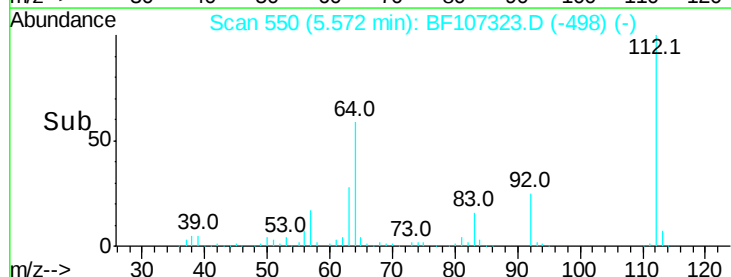
#5

2-Fluorophenol
Concen: 50.267 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107323.D
Acq: 12 Jul 2018 2:13

Tgt Ion:112 Resp: 165634
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 28.4 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: 34.573 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

Instrument :

BNA_F

ClientSampled :

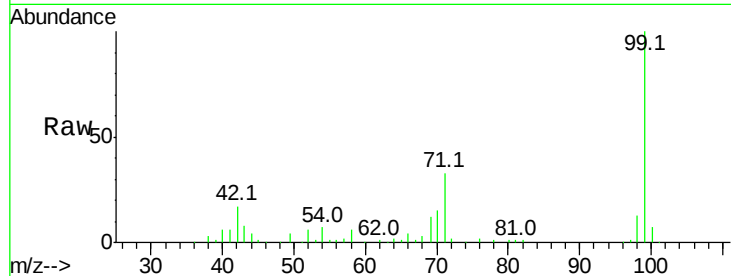
Tot Ion: 99 Resp: 142263

Ion Ratio Lower Upper

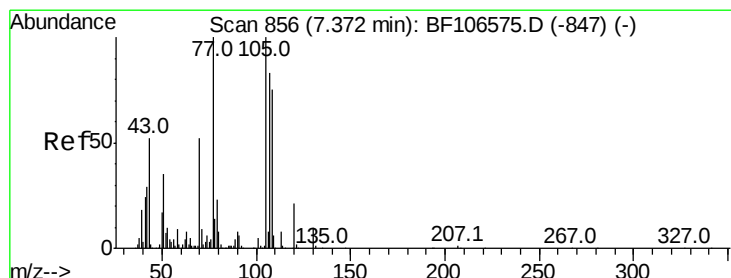
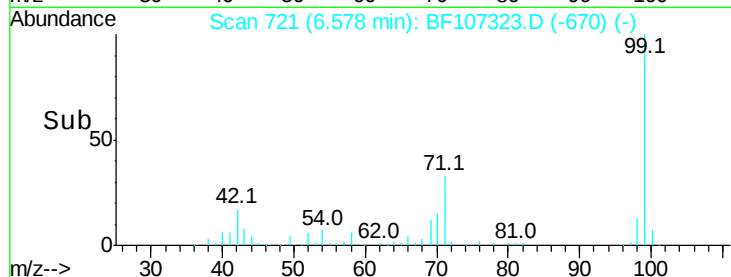
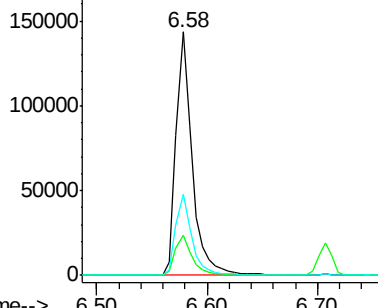
99 100

42 16.7 14.5 21.7

71 33.5 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: 17.338 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.16 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

Tgt Ion: 70 Resp: 47027

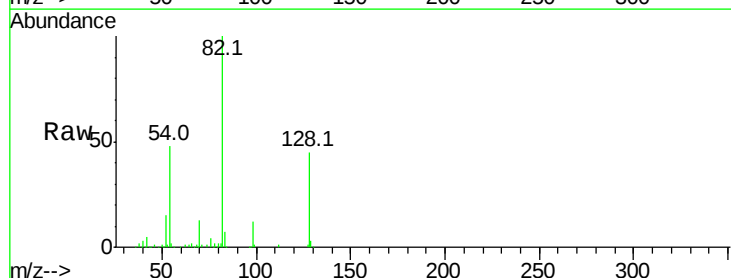
Ion Ratio Lower Upper

70 100

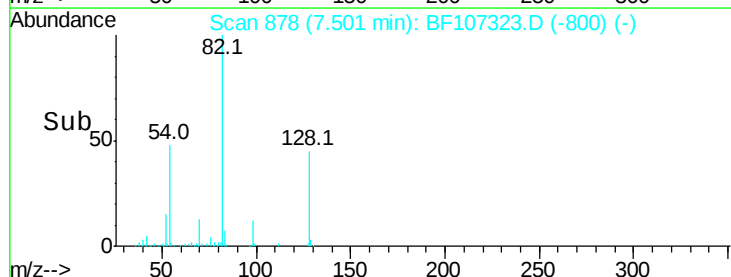
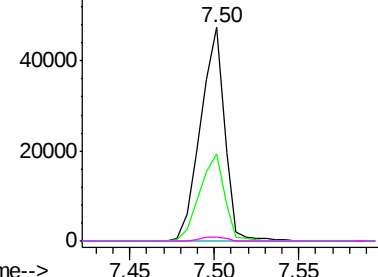
42 41.0 47.5 71.3#

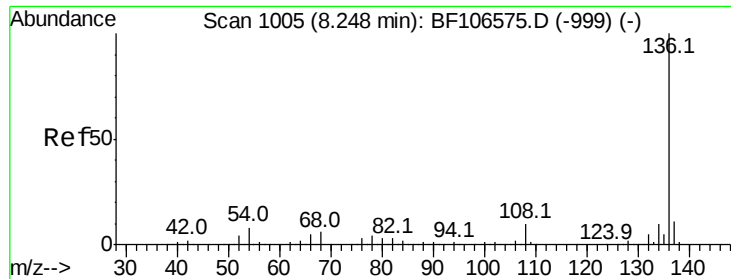
101 0.0 7.4 11.2#

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

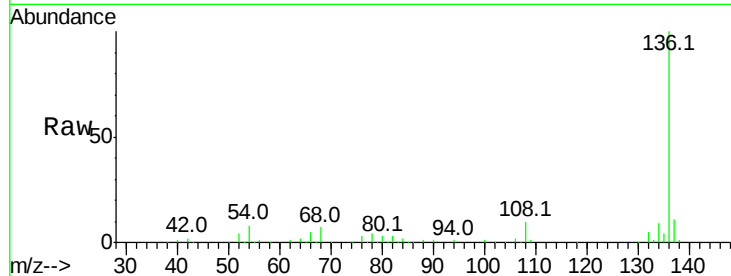




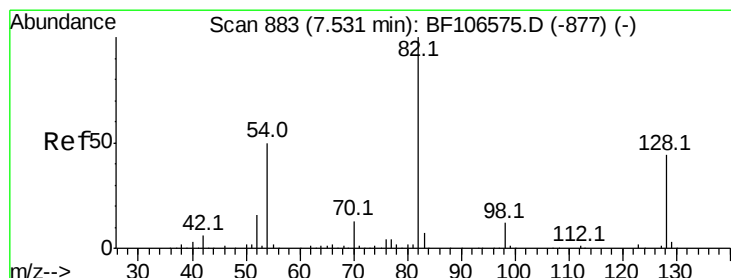
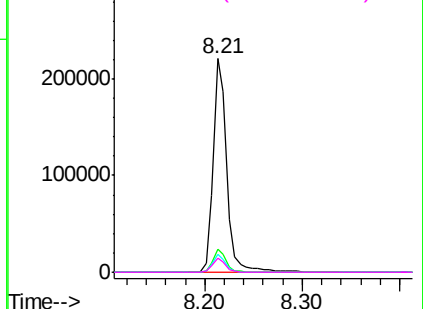
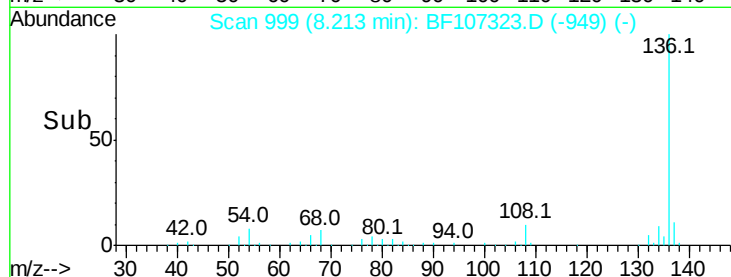
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107323.D
Acq: 12 Jul 2018 2:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	211897
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4

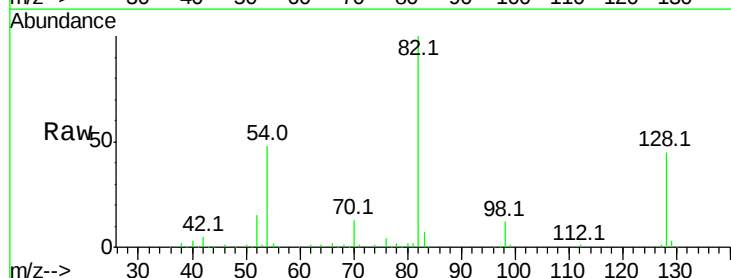


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

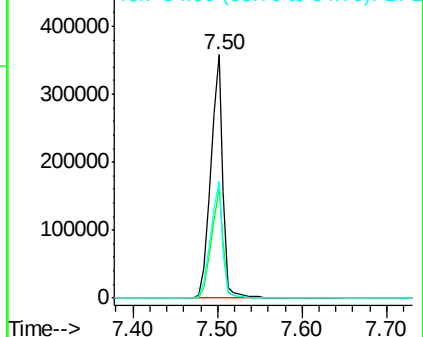
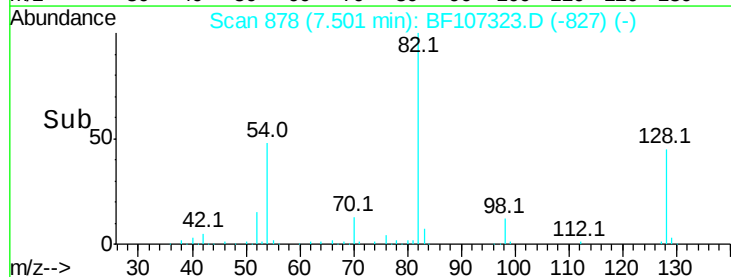


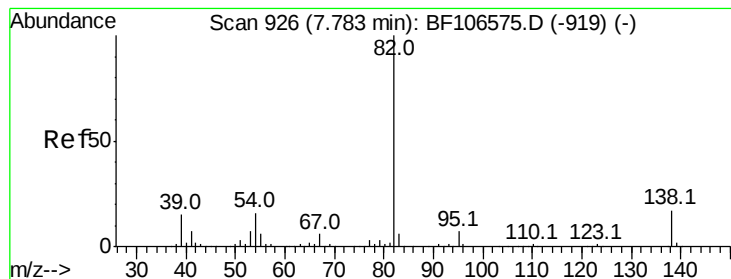
#23
Nitrobenzene-d5
Concen: 95.380 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107323.D
Acq: 12 Jul 2018 2:13

Tgt Ion:	82	Resp:	363674
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	48.2	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: 54.127 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.25 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

Instrument :

BNA_F

ClientSampleId :

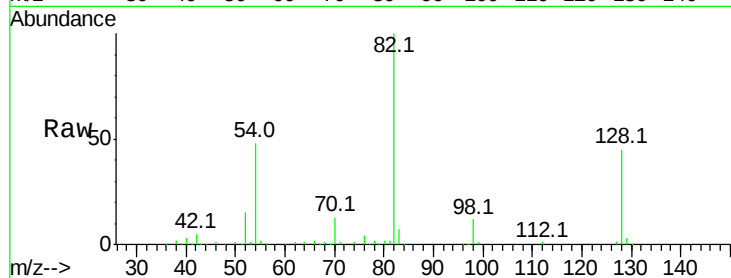
Tot Ion: 82 Resp: 363674

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

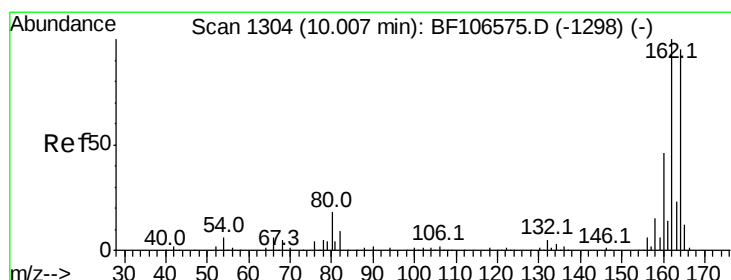
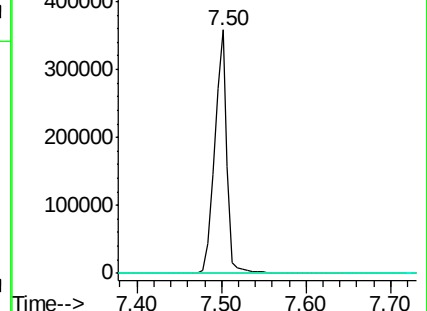
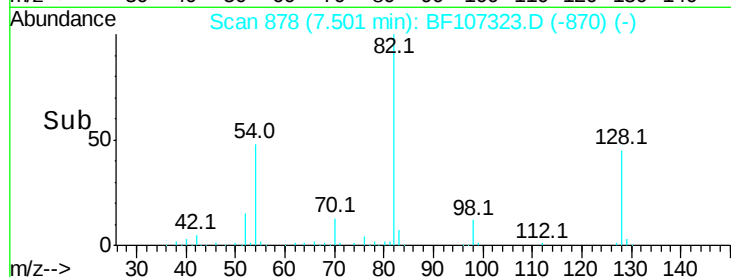
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

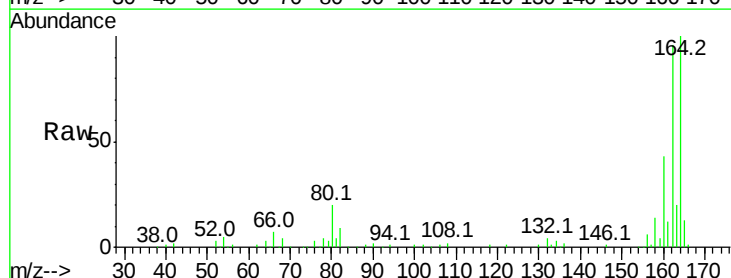
Tgt Ion: 164 Resp: 104361

Ion Ratio Lower Upper

164 100

162 96.0 86.1 129.1

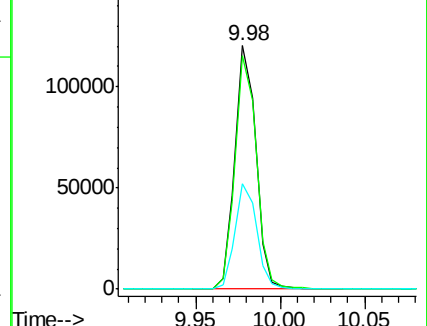
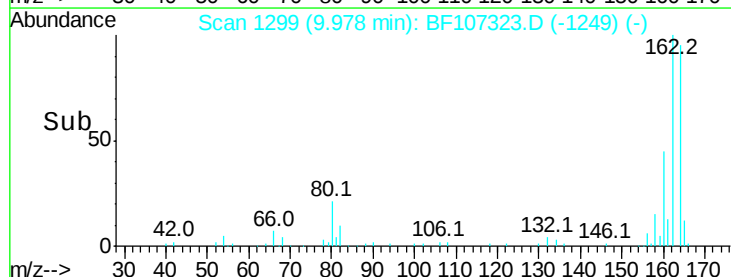
160 43.2 38.3 57.5

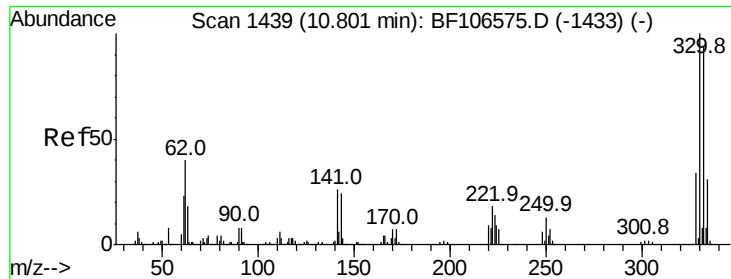


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

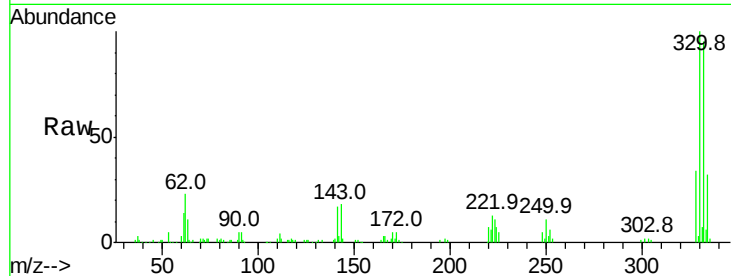




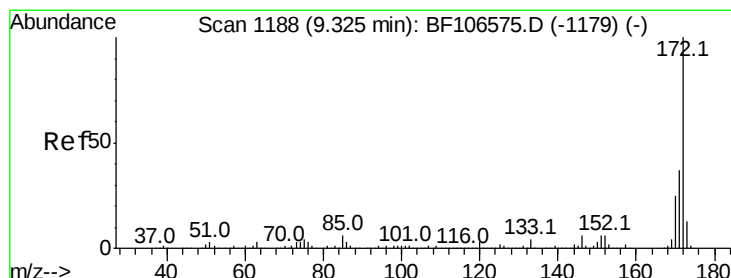
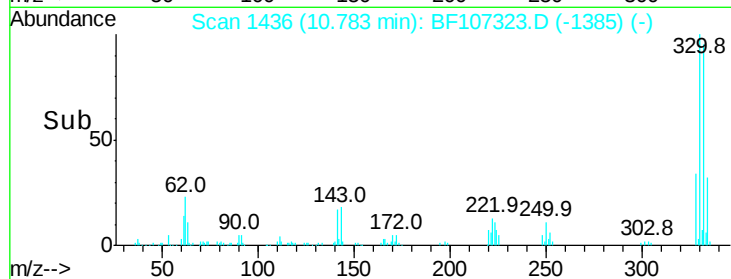
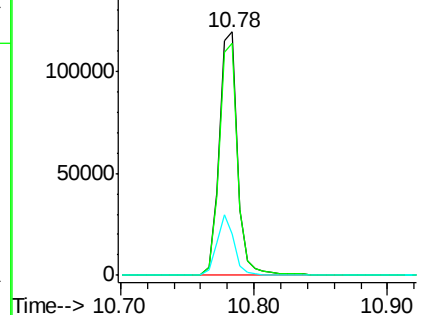
#41
 2,4,6-Tribromophenol
 Concen: 96.121 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF107323.D
 Acq: 12 Jul 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.2	29.9	44.9#

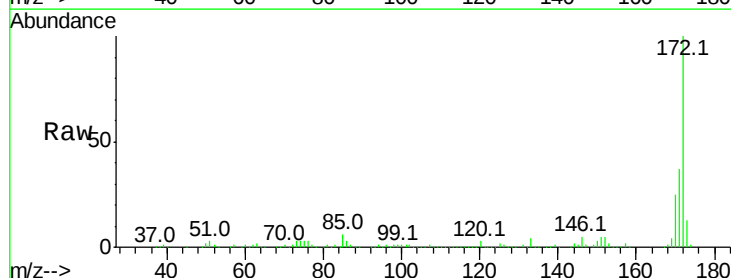


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

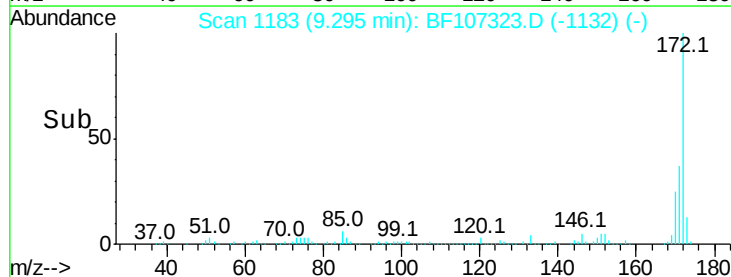
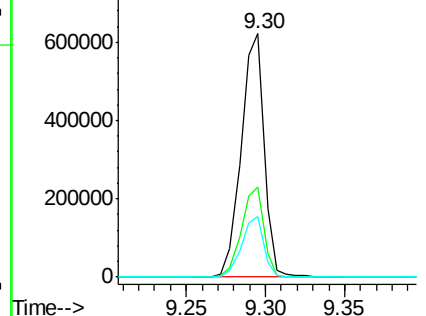


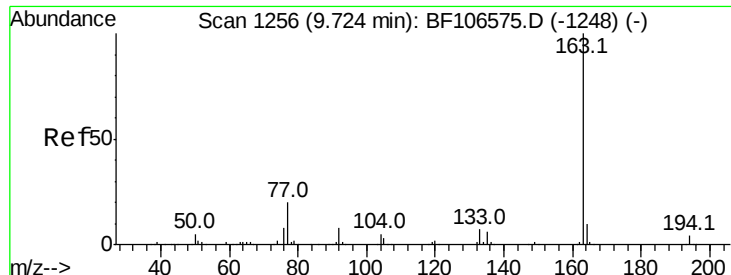
#44
 2-Fluorobiphenyl
 Concen: 104.778 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF107323.D
 Acq: 12 Jul 2018 2:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	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

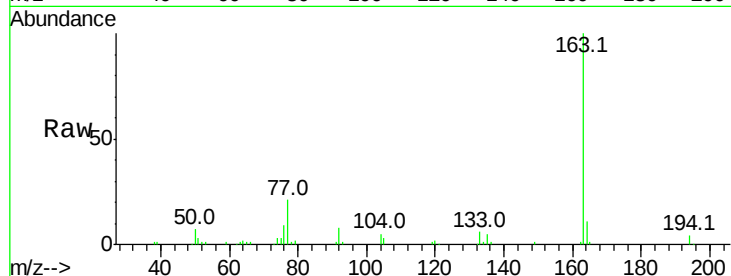




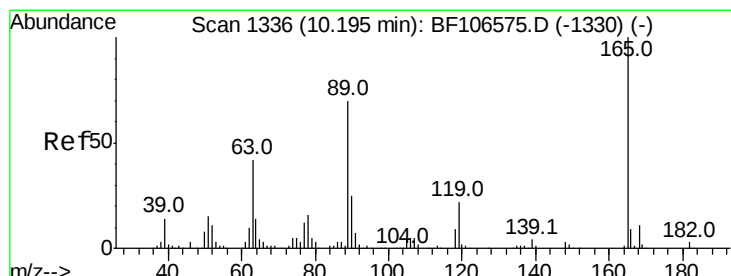
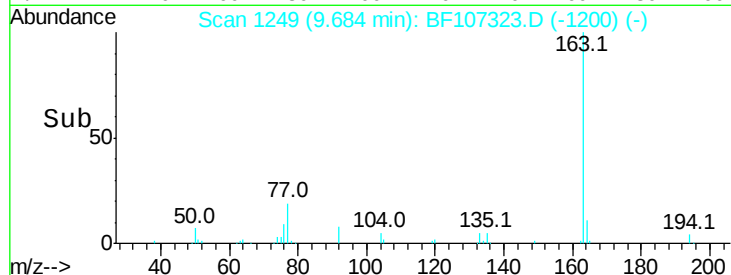
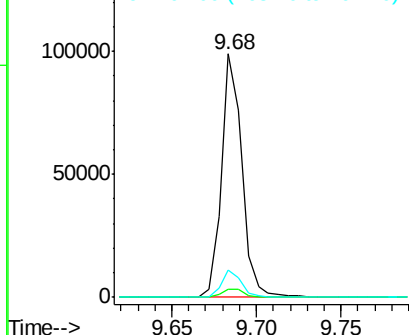
#49
Dimethylphthalate
Concen: 10.704 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107323.D
Acq: 12 Jul 2018 2:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 83780
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 11.0 8.2 12.2

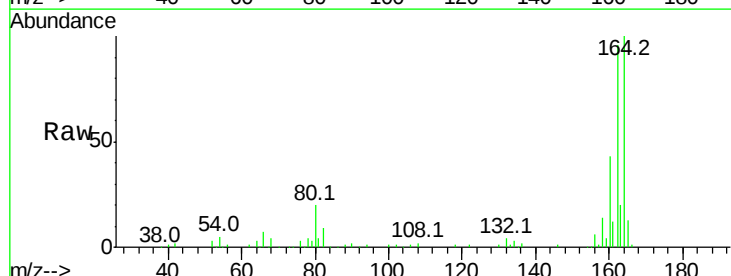


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

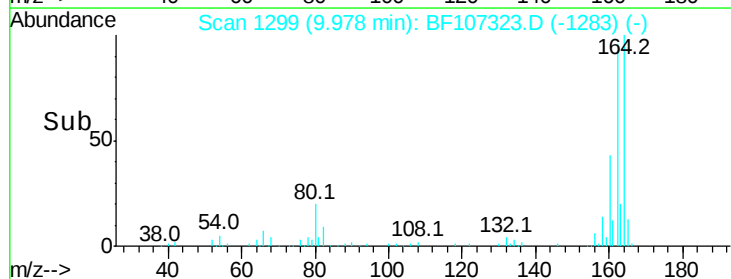
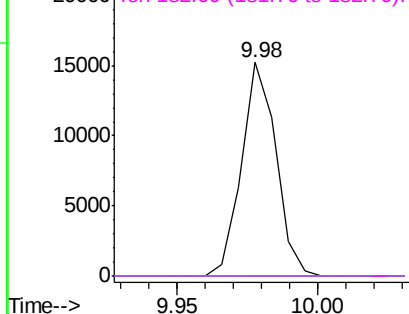


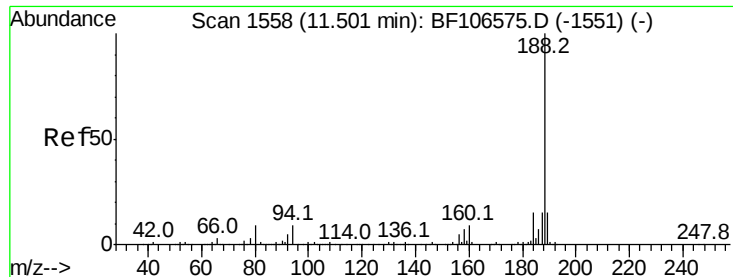
#56
2,4-Dinitrotoluene
Concen: 5.966 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107323.D
Acq: 12 Jul 2018 2:13

Tgt Ion:165 Resp: 12907
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

Instrument :

BNA_F

ClientSampleId :

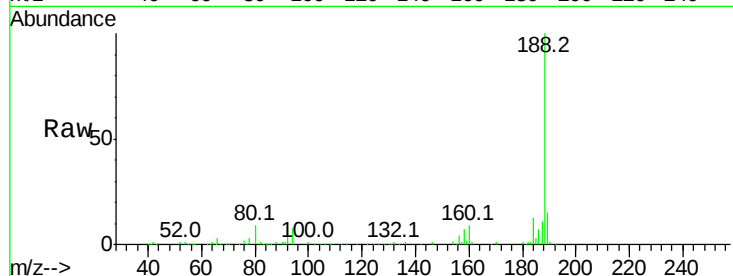
Tot Ion:188 Resp: 190415

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

80 9.3 9.2 13.8

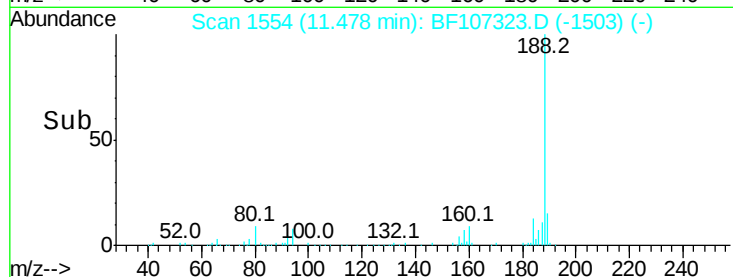


Abundance Ion 188.00 (187.70 to 188.70): E

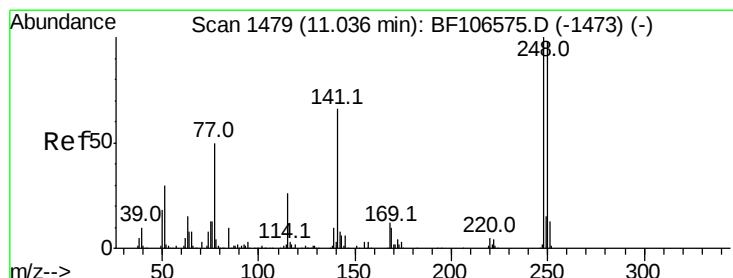
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.049 ng

RT: 10.78 min Scan# 1435

Delta R.T. -0.24 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

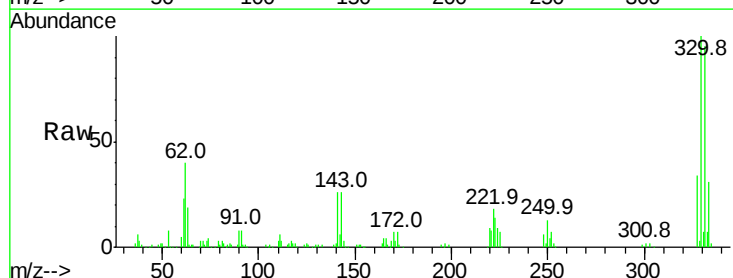
Tgt Ion:248 Resp: 6928

Ion Ratio Lower Upper

248 100

250 201.8 76.9 115.3#

141 394.9 74.4 111.6#

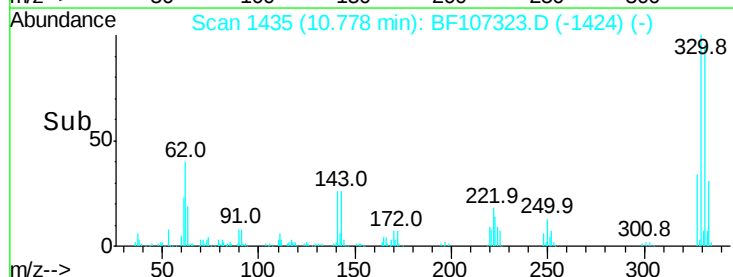


Abundance Ion 248.00 (247.70 to 248.70): E

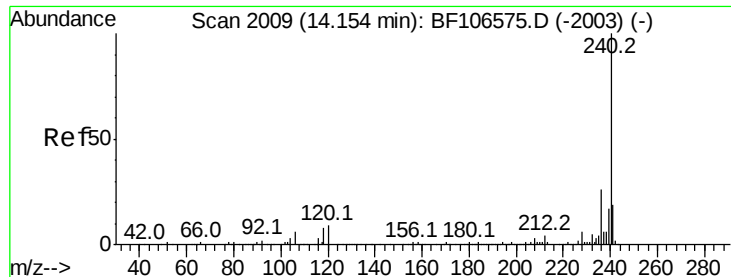
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

Instrument :

BNA_F

ClientSampleId :

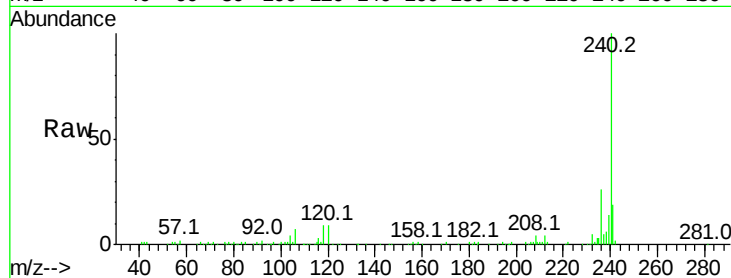
Tot Ion:240 Resp: 150287

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

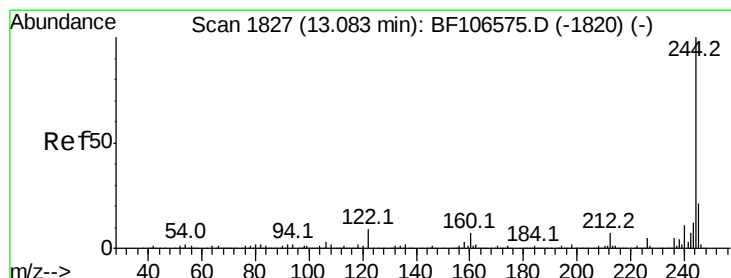
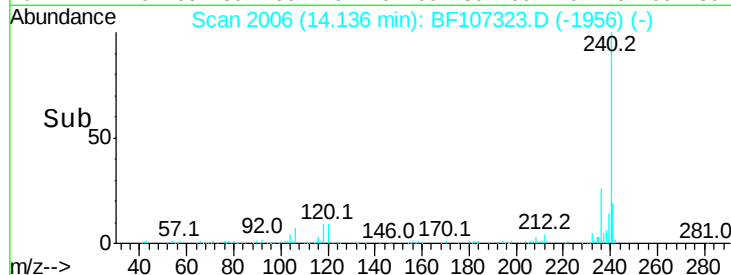
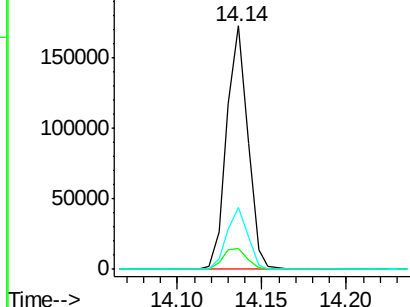
236 25.5 20.7 31.1



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: 108.192 ng

RT: 13.07 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF107323.D

Acq: 12 Jul 2018 2:13

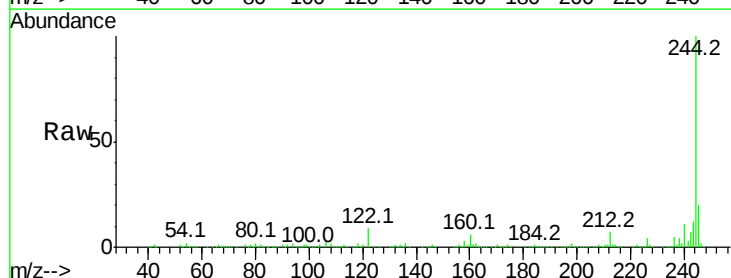
Tgt Ion:244 Resp: 671258

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

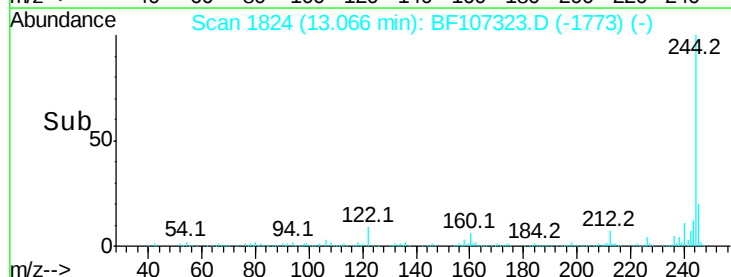
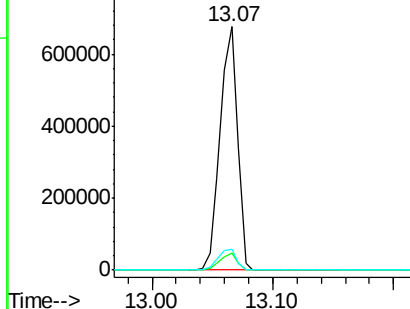
122 8.7 11.0 16.4#

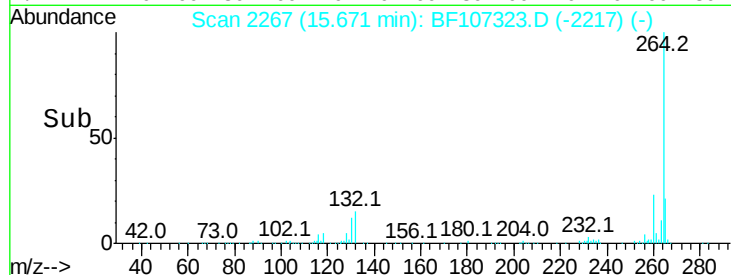
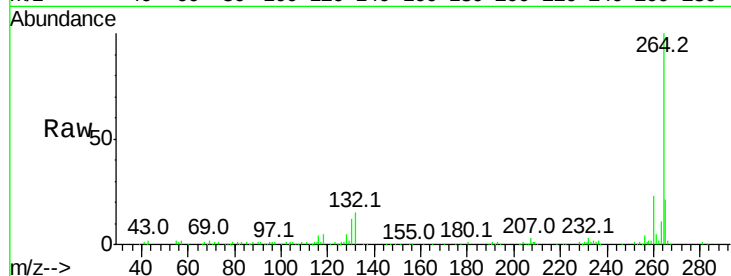
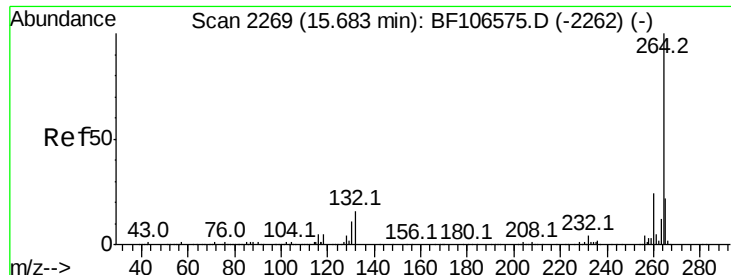


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107323.D
Acq: 12 Jul 2018 2:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	135926
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3

