

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108517.D
 Acq On : 27 Aug 2018 18:15
 Operator : JU/SJ
 Sample : J4538-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 01:36:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

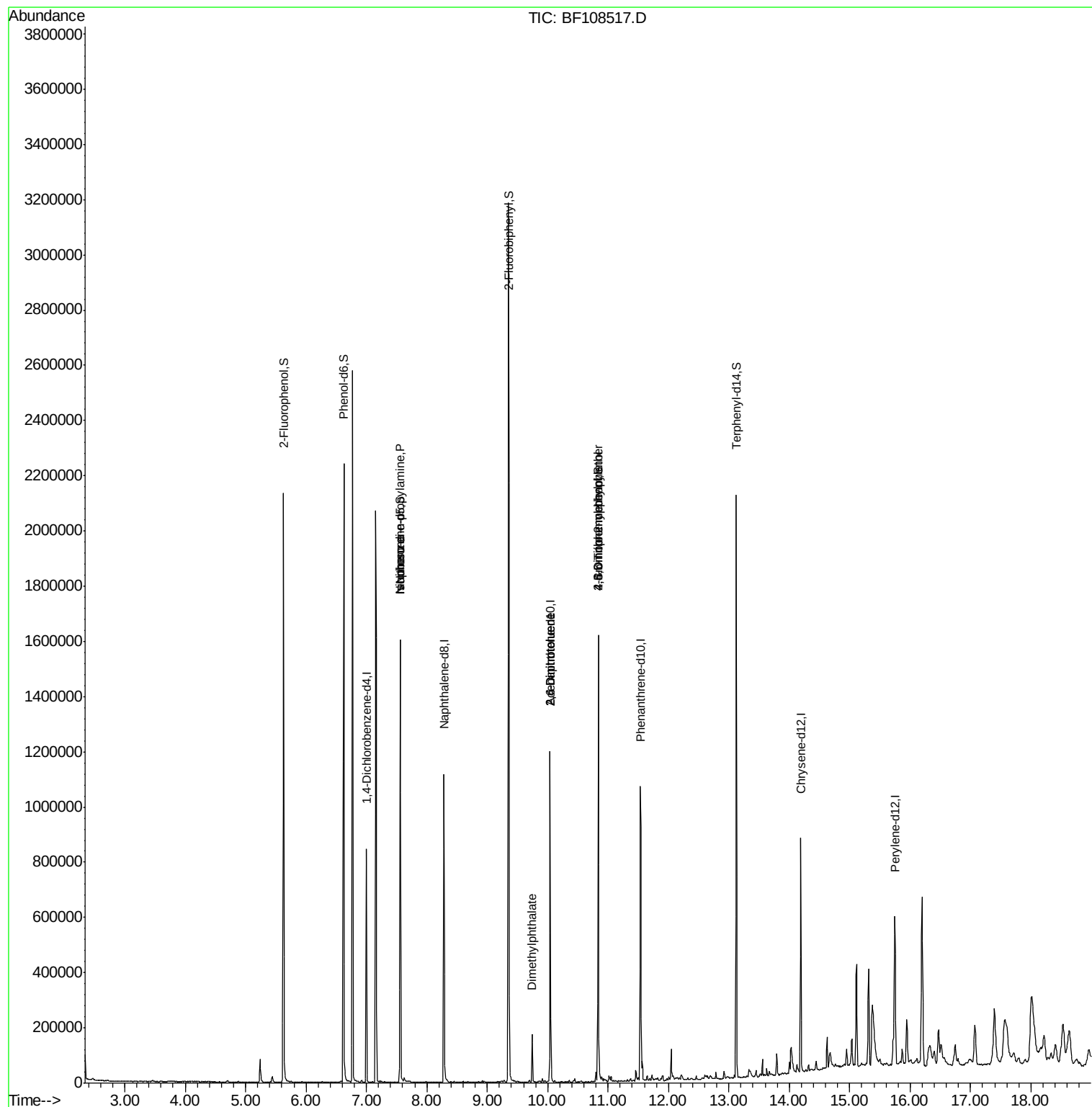
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	124645	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	471742	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	226115	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	370753	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	295138	20.00	ng	-0.01
86) Perylene-d12	15.75	264	270539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	562186	81.66	ng	0.00
7) Phenol-d6	6.62	99	753409	82.35	ng	0.00
23) Nitrobenzene-d5	7.56	82	498020	58.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	185747	82.36	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	944613	67.07	ng	-0.01
78) Terphenyl-d14	13.12	244	707197	60.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	66432	10.738	ng	# 84
25) Isophorone	7.56	82	498016	30.907	ng	# 64
49) Dimethylphthalate	9.74	163	68030	4.319	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	28684	8.704	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	28684	6.762	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	316	5.560	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11878	2.948	ng	# 1

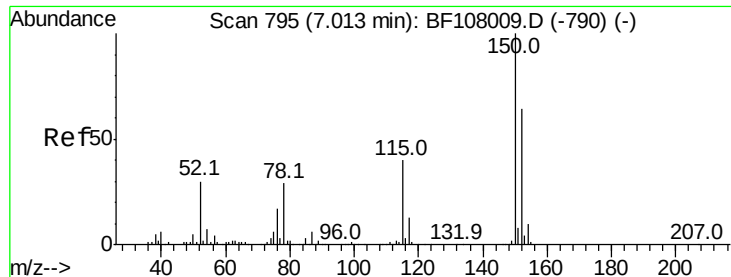
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108517.D
Acq On : 27 Aug 2018 18:15
Operator : JU/SJ
Sample : J4538-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 01:36:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



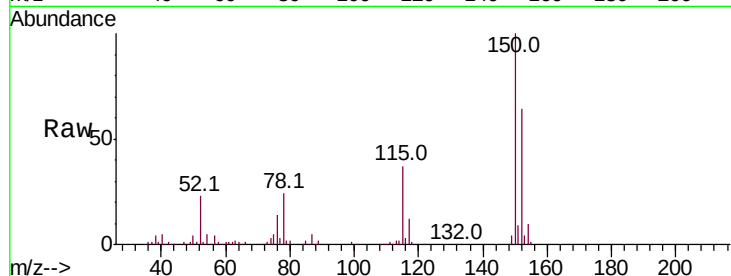


#1

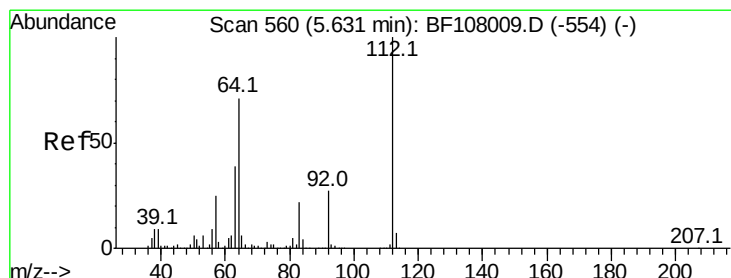
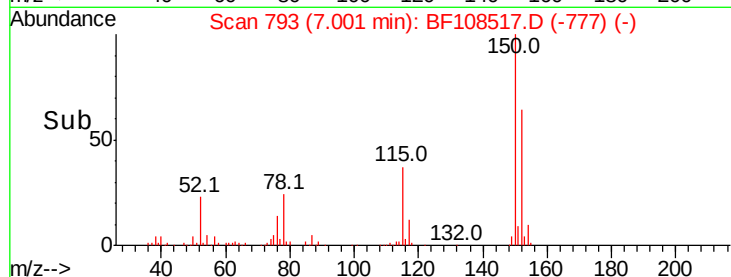
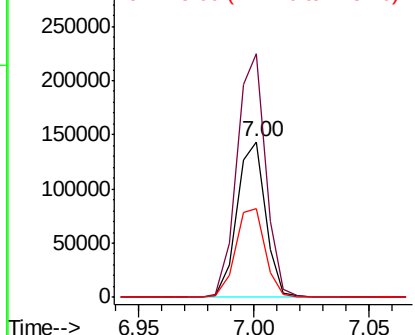
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108517.D
Acq: 27 Aug 2018 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124645
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.4 50.1 75.1



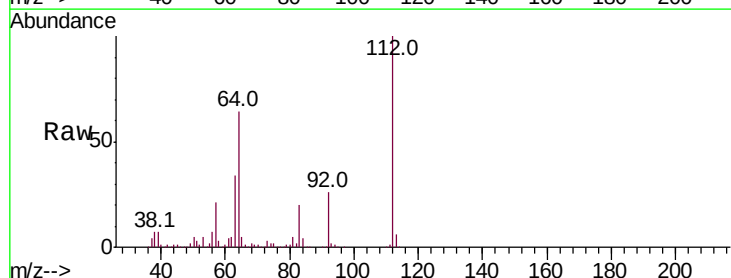
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



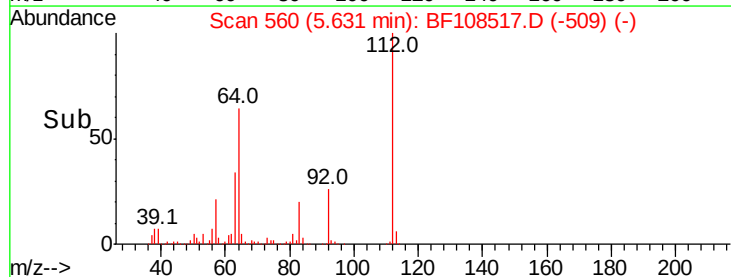
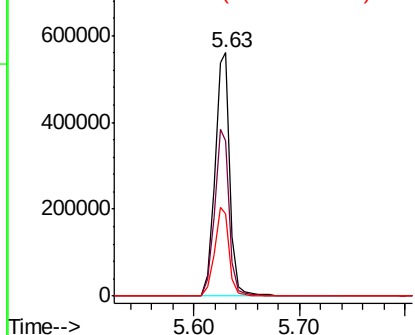
#5

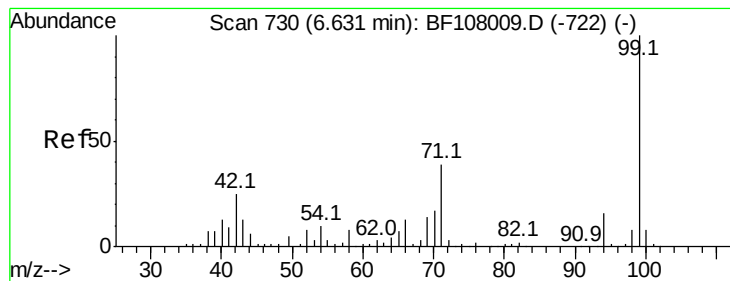
2-Fluorophenol
Concen: 81.657 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108517.D
Acq: 27 Aug 2018 18:15

Tgt Ion:112 Resp: 562186
Ion Ratio Lower Upper
112 100
64 64.0 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: 82.350 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

Instrument :

BNA_F

ClientSampled :

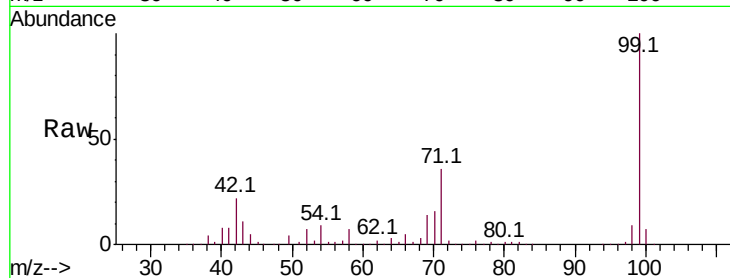
Tot Ion: 99 Resp: 753409

Ion Ratio Lower Upper

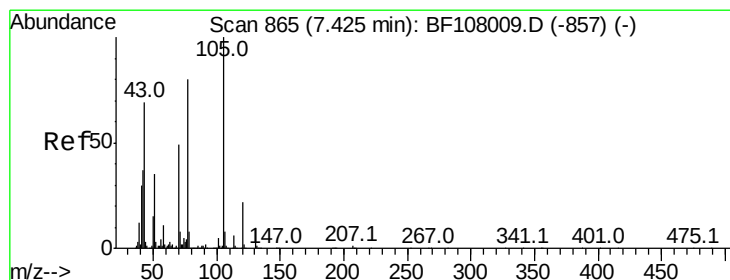
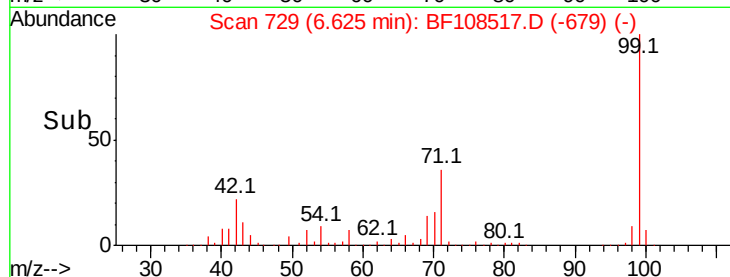
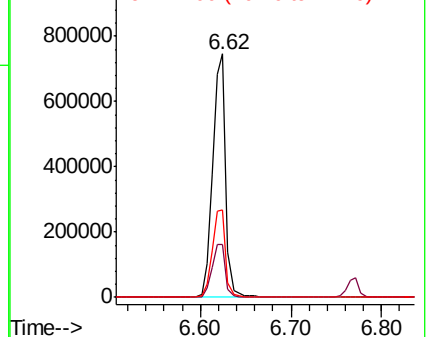
99 100

42 21.7 14.5 21.7

71 35.8 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: 10.738 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

Tgt Ion: 70 Resp: 66432

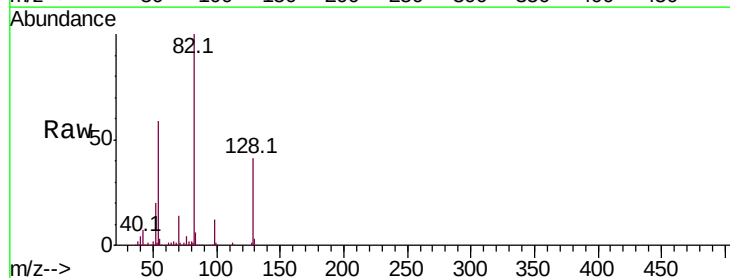
Ion Ratio Lower Upper

70 100

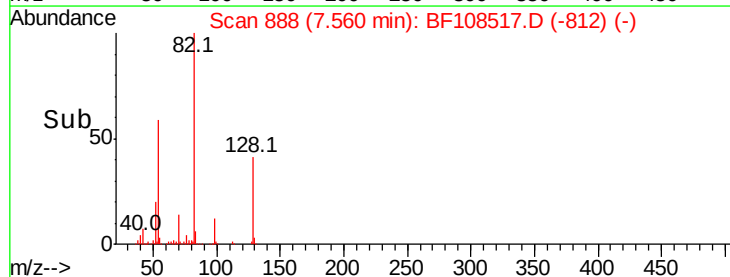
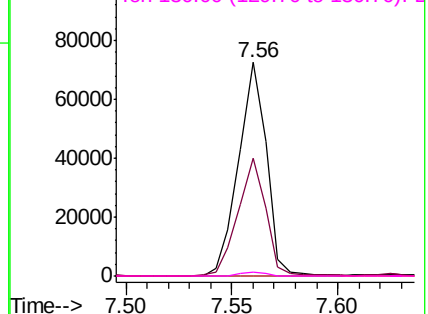
42 55.0 47.5 71.3

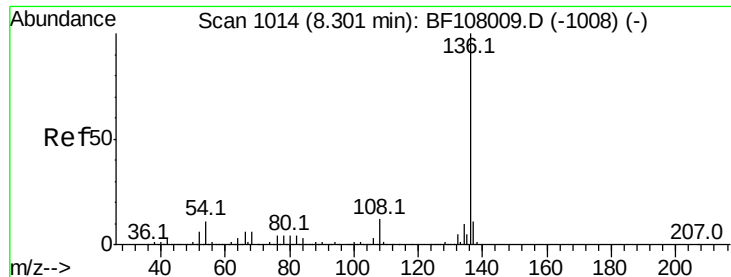
101 0.0 7.4 11.2#

130 2.1 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

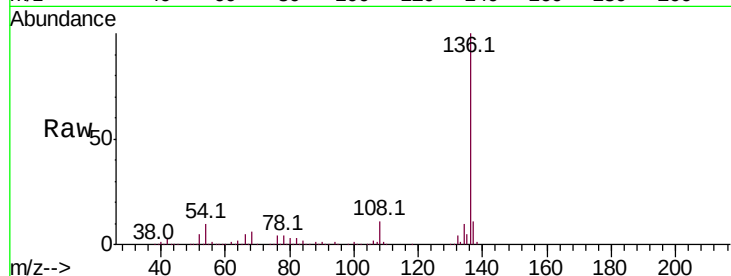




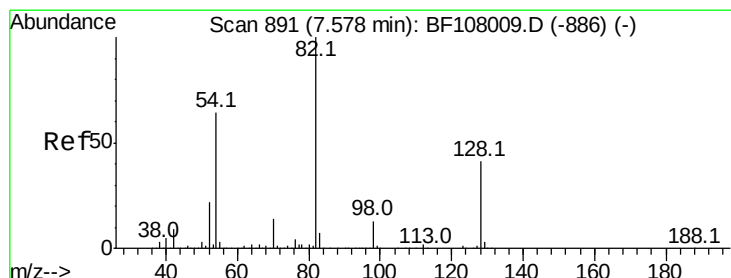
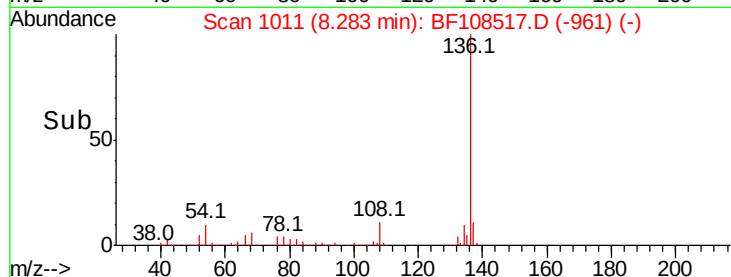
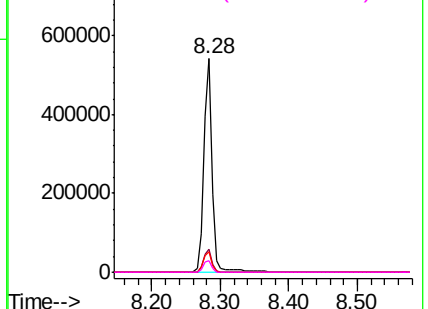
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108517.D
Acq: 27 Aug 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	471742
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.9	13.3
54 9.7	6.6	9.8
68 5.6	5.0	7.4

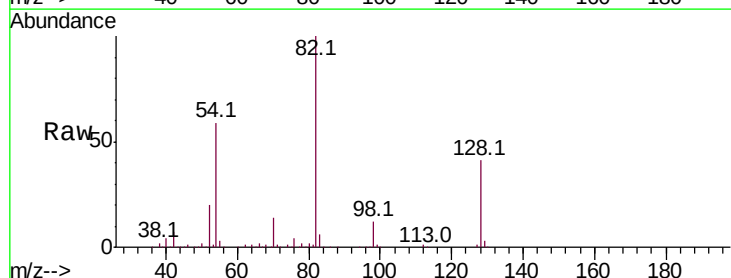


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

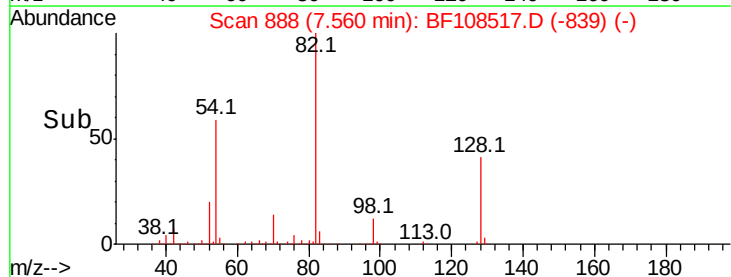
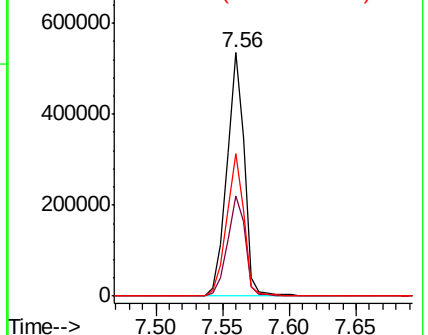


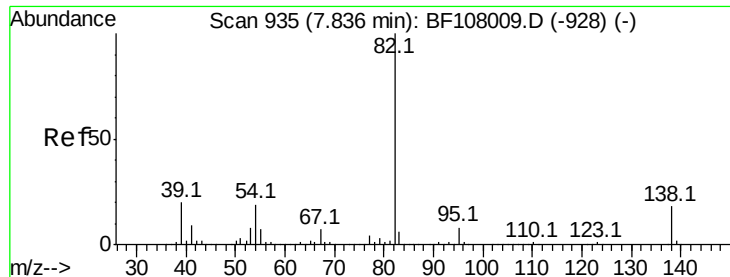
#23
Nitrobenzene-d5
Concen: 58.910 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108517.D
Acq: 27 Aug 2018 18:15

Tgt Ion: 82	Resp: 498020
Ion Ratio	Lower Upper
82 100	
128 41.3	36.1 54.1
54 58.6	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: 30.907 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

Instrument :

BNA_F

ClientSampled :

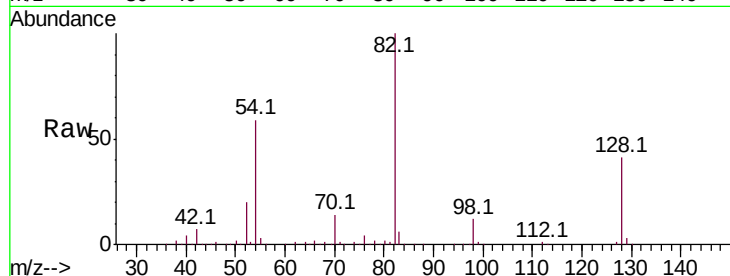
Tot Ion: 82 Resp: 498016

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

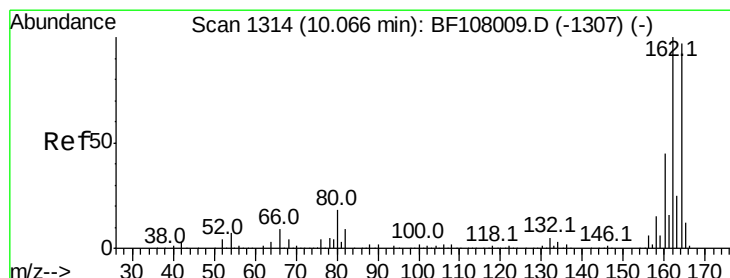
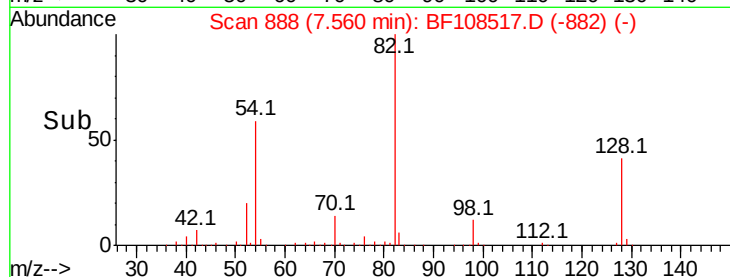
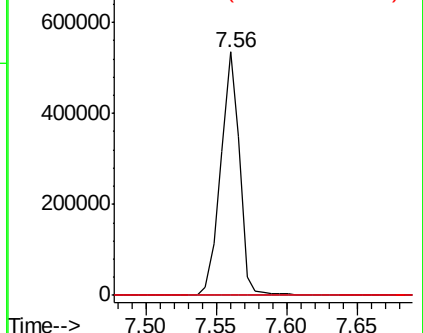
138 0.0 14.9 22.3#



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

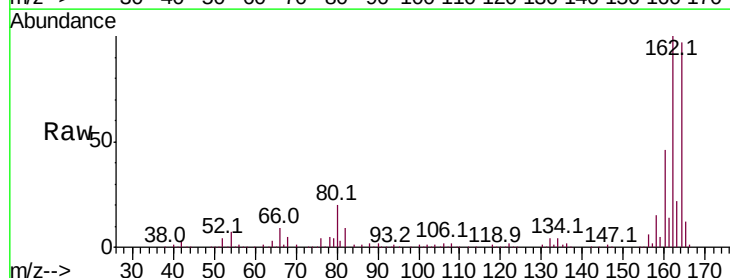
Tgt Ion:164 Resp: 226115

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

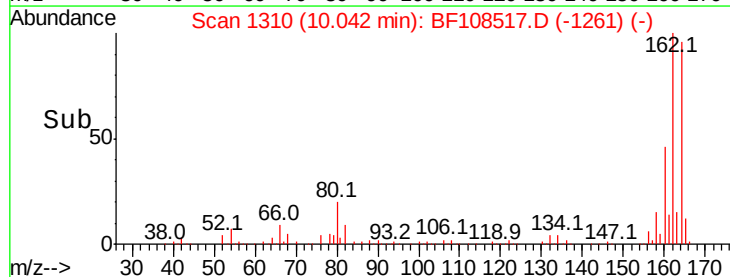
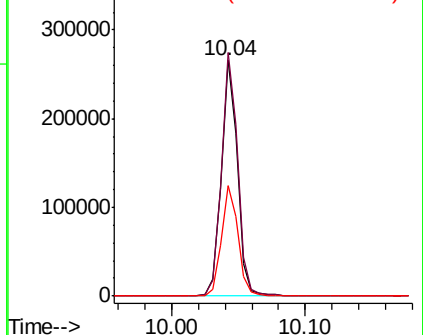
160 47.2 38.3 57.5

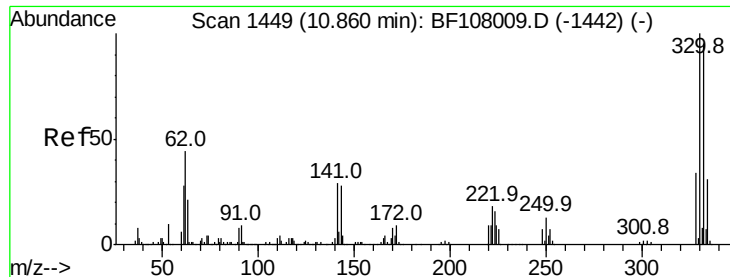


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

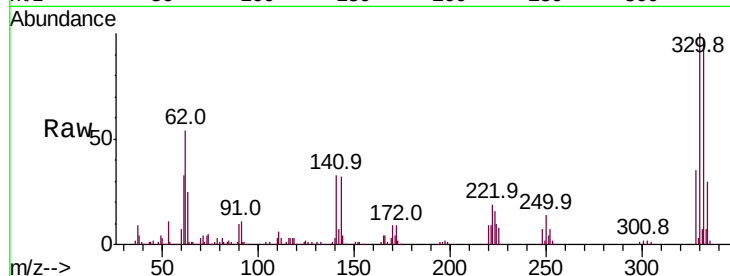




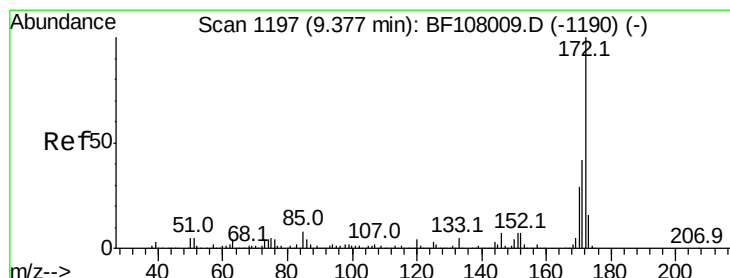
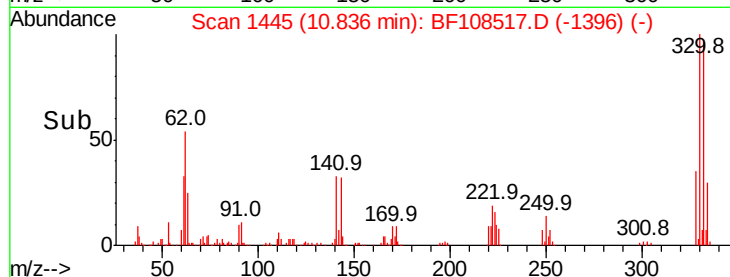
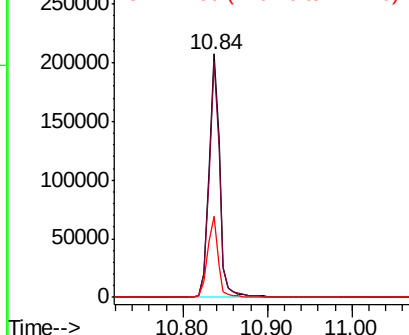
#41
 2,4,6-Tribromophenol
 Concen: 82.355 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108517.D
 Acq: 27 Aug 2018 18:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.5	29.9	44.9

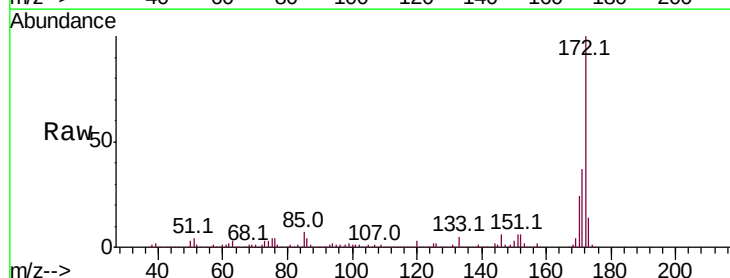


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

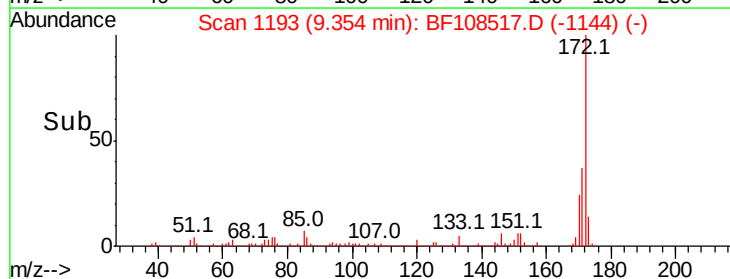
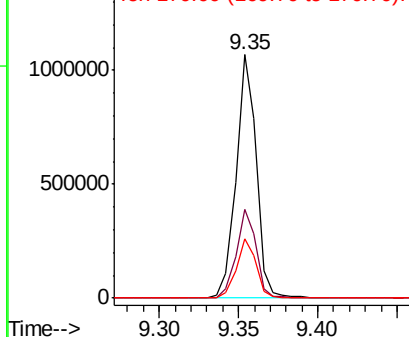


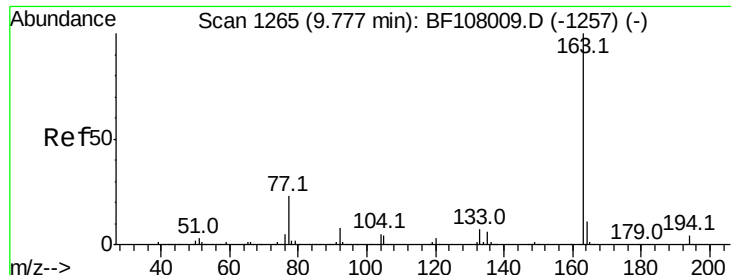
#44
 2-Fluorobiphenyl
 Concen: 67.070 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108517.D
 Acq: 27 Aug 2018 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

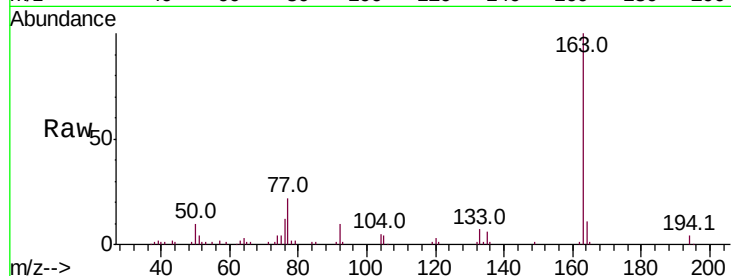




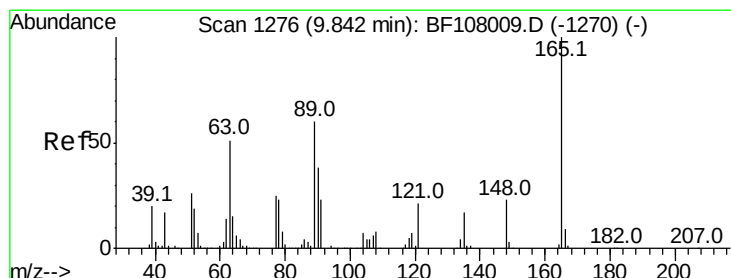
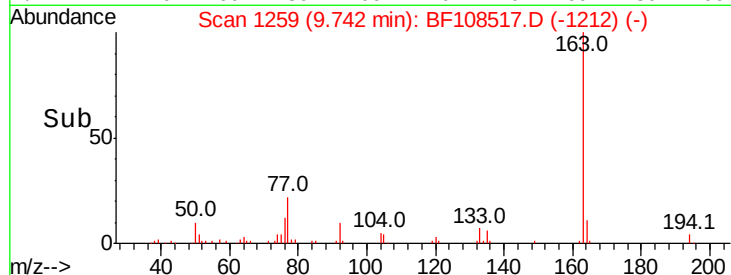
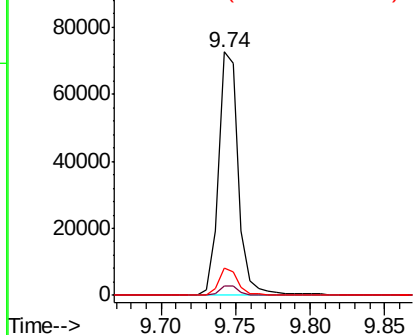
#49
Dimethylphthalate
Concen: 4.319 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108517.D
Acq: 27 Aug 2018 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.0	8.2	12.2

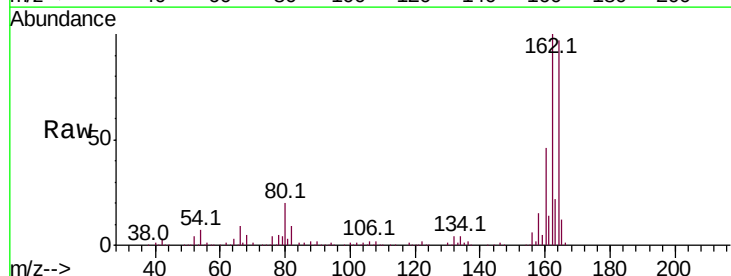


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

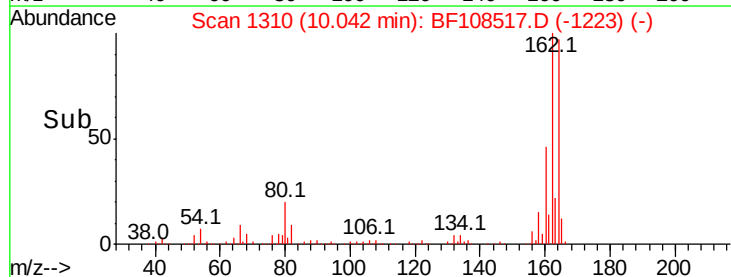
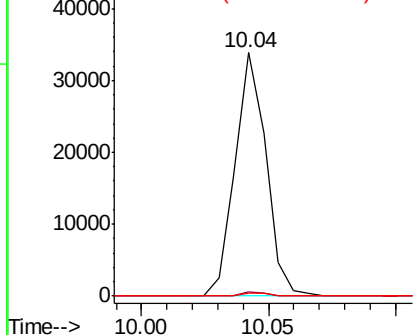


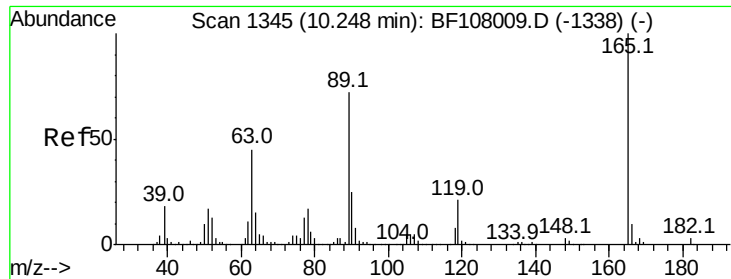
#50
2,6-Dinitrotoluene
Concen: 8.704 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108517.D
Acq: 27 Aug 2018 18:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.3	44.0	66.0#



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

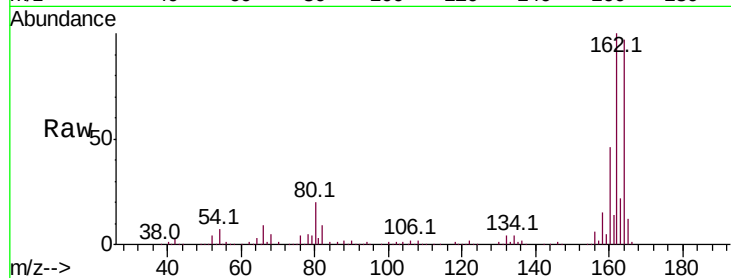




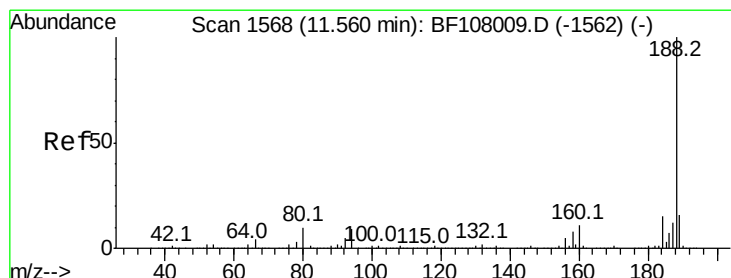
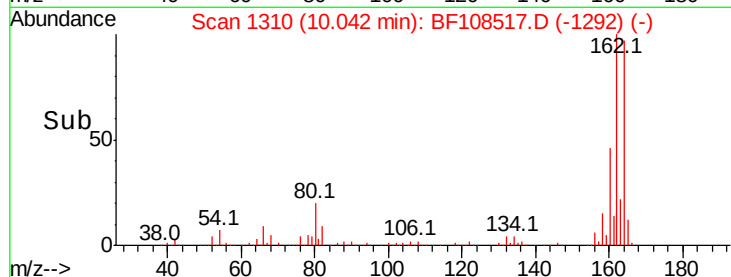
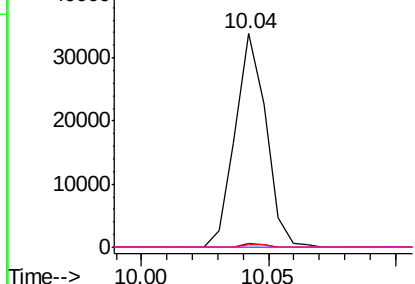
#56
 2,4-Dinitrotoluene
 Concen: 6.762 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108517.D
 Acq: 27 Aug 2018 18:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	28684
Ion Ratio	Lower	Upper
165	100	
63	1.8	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#

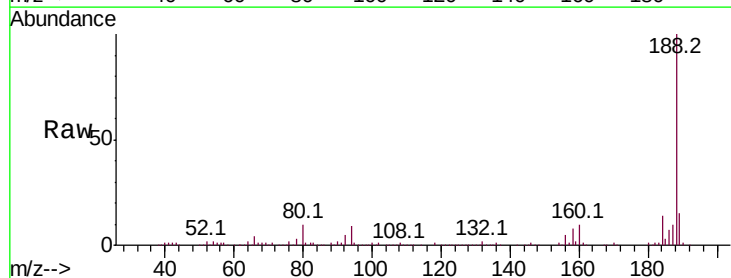


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

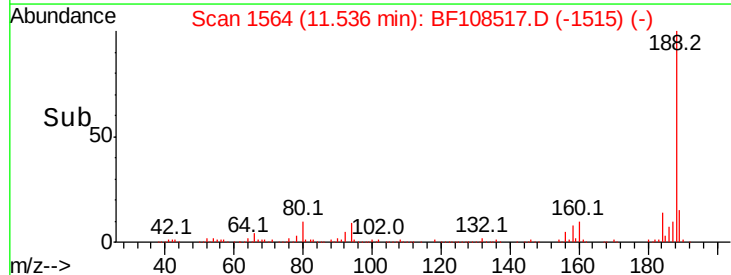
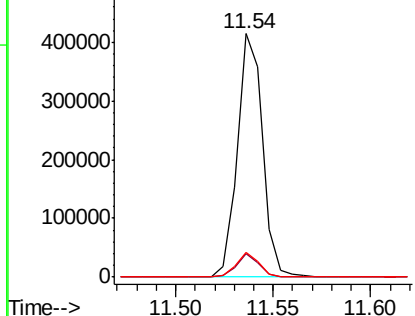


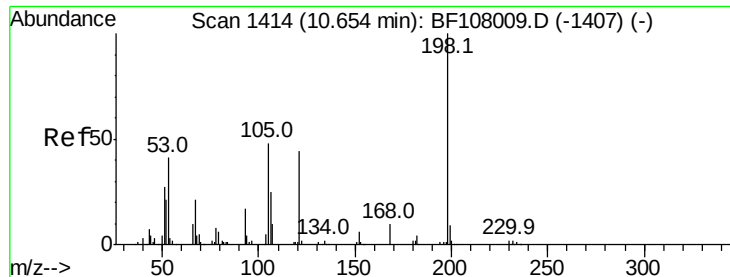
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108517.D
 Acq: 27 Aug 2018 18:15

Tgt Ion:188	Resp:	370753
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.5 12.7
80	9.9	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: 5.560 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

Instrument :

BNA_F

ClientSampleId :

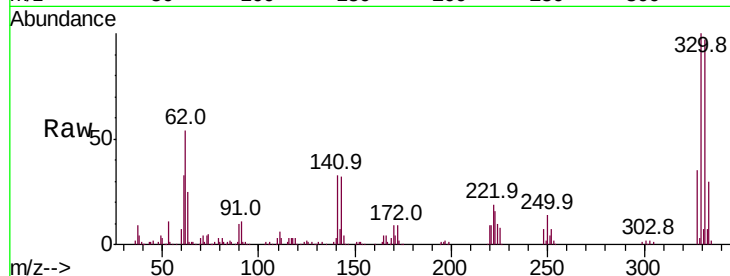
Tot Ion:198 Resp: 316

Ion Ratio Lower Upper

198 100

51 181.3 37.7 77.7#

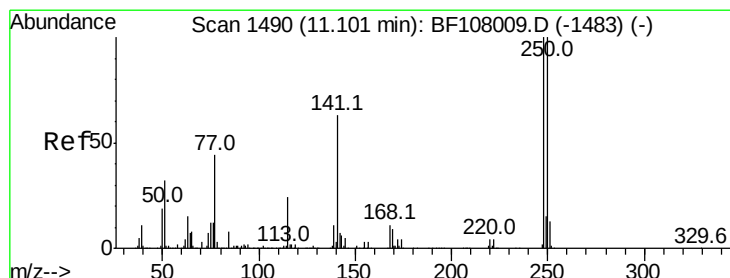
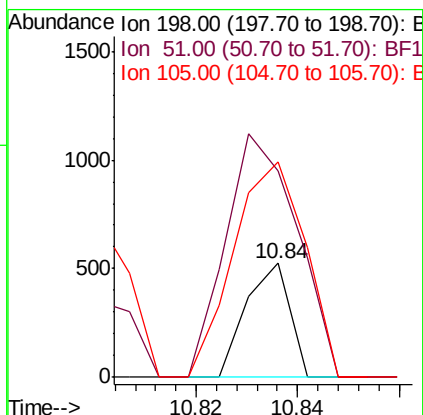
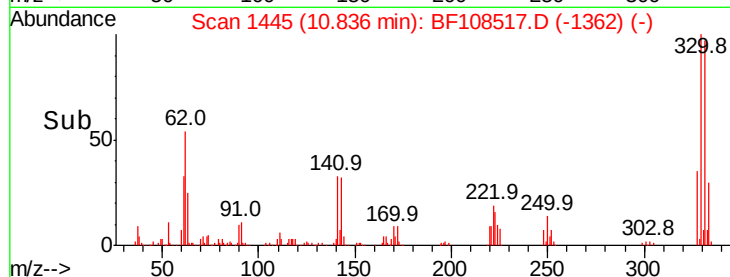
105 189.1 36.3 76.3#



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: 2.948 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

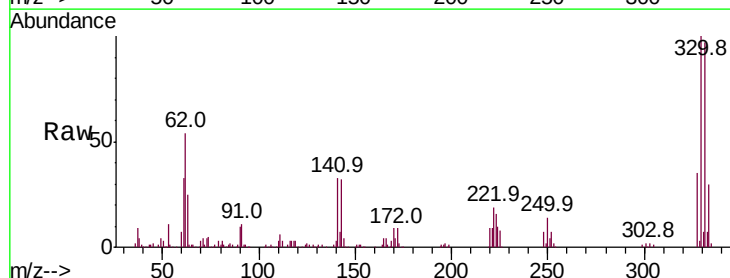
Tgt Ion:248 Resp: 11878

Ion Ratio Lower Upper

248 100

250 200.7 76.9 115.3#

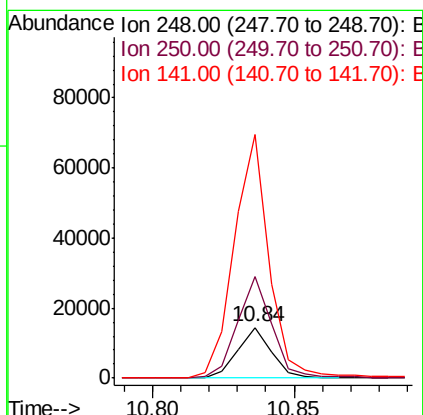
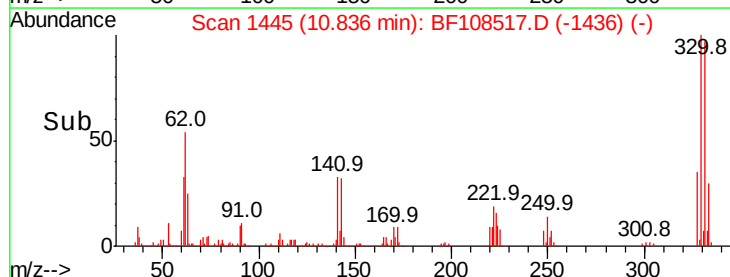
141 482.7 74.4 111.6#

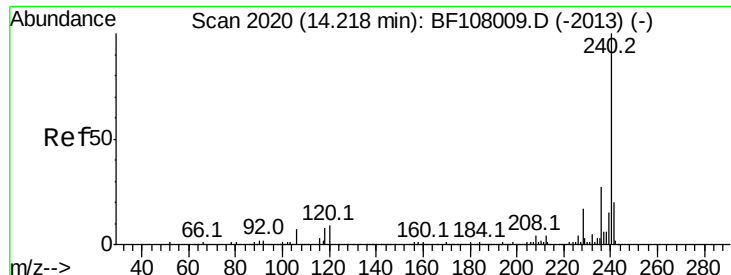


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

Instrument :

BNA_F

ClientSampleId :

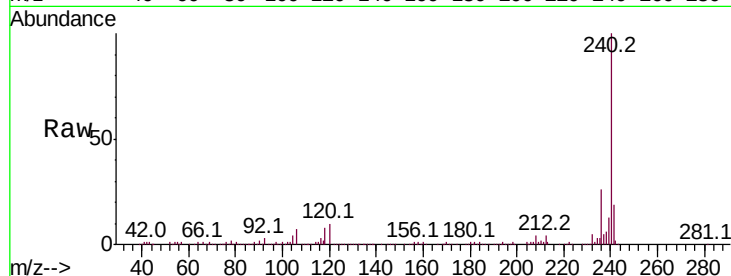
Tot Ion:240 Resp: 295138

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

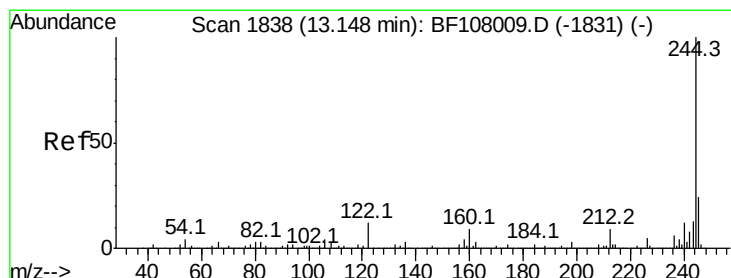
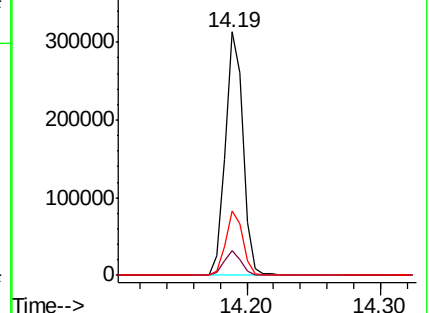
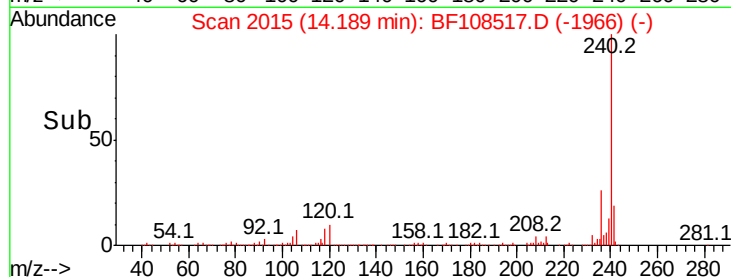
236 26.4 20.7 31.1



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: 60.924 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108517.D

Acq: 27 Aug 2018 18:15

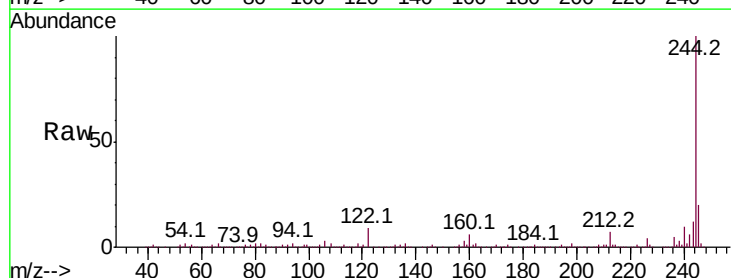
Tgt Ion:244 Resp: 707197

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

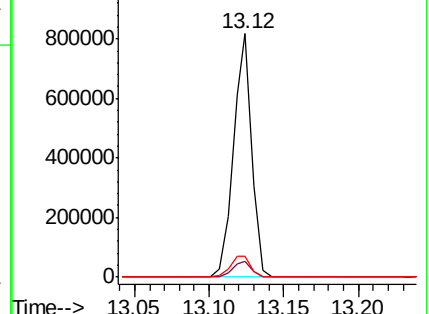
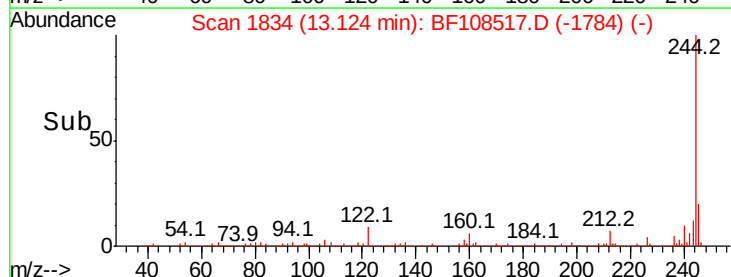
122 8.6 11.0 16.4#

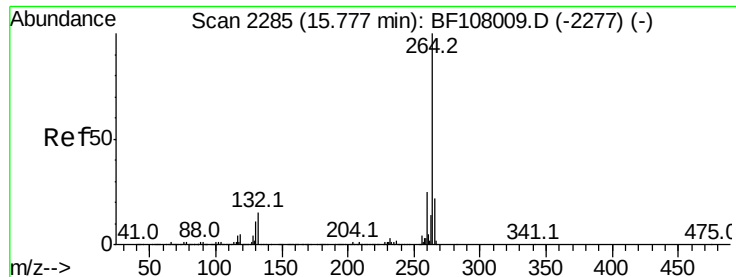


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108517.D
 Acq: 27 Aug 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.5	17.5	26.3

