

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
 Data File : BF108112.D
 Acq On : 13 Aug 2018 13:24
 Operator : JU/SJ
 Sample : PB111971BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 13 15:00:29 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 08 12:24:24 2018
 Response via : Initial Calibration

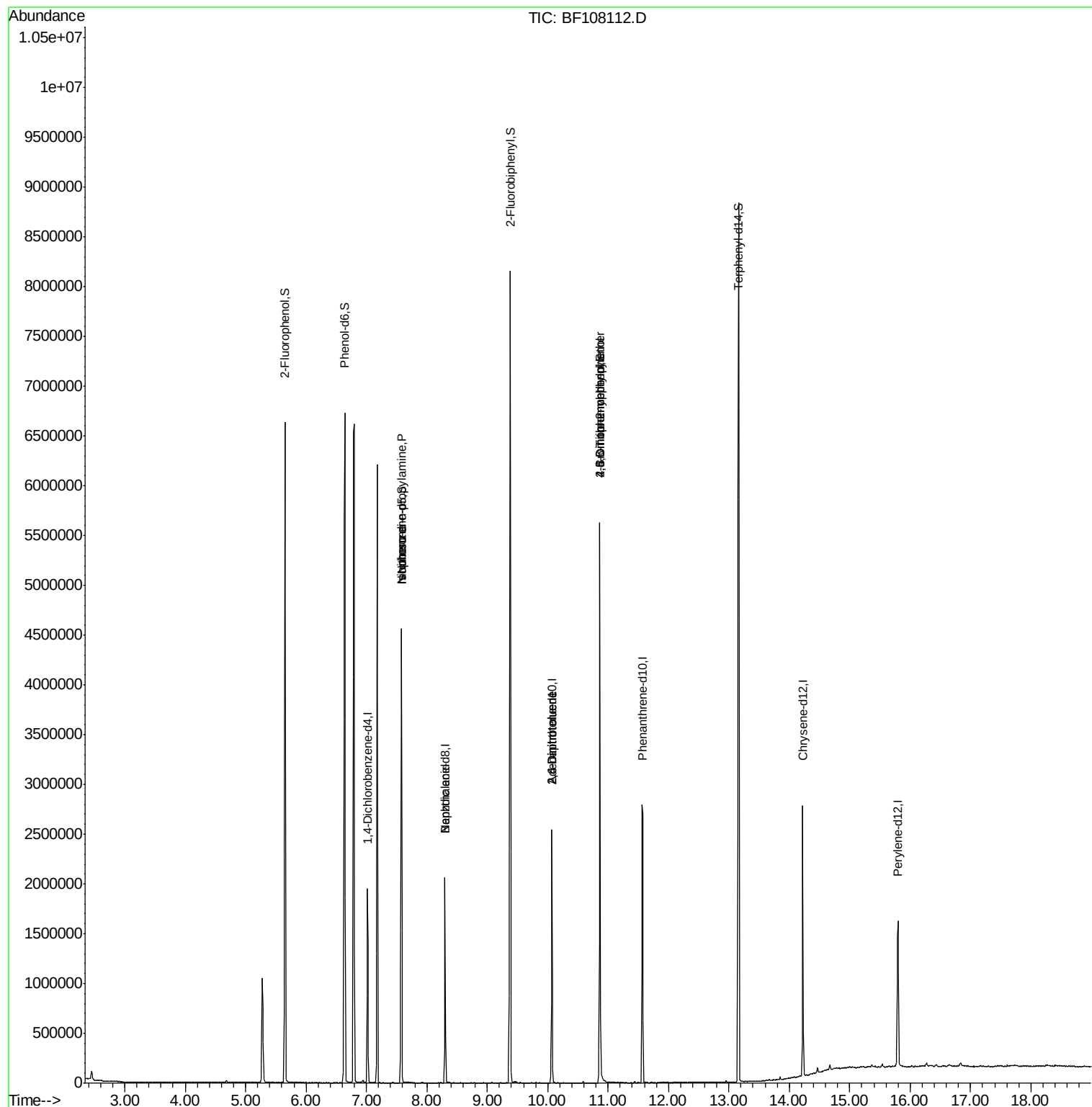
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	265176	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	998102	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	516850	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	1059629	20.00	ng	0.00
75) Chrysene-d12	14.22	240	911926	20.00	ng	0.00
86) Perylene-d12	15.80	264	749615	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1782657	121.71	ng	0.02
7) Phenol-d6	6.64	99	2310422	118.70	ng	0.01
23) Nitrobenzene-d5	7.58	82	1569728	87.76	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	729439	141.49	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2866051	89.03	ng	0.00
78) Terphenyl-d14	13.16	244	3321501	92.61	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	216957	16.484	ng	# 85
25) Isophorone	7.58	82	1569715	46.043	ng	# 64
32) Benzoic acid	8.31	122	313	6.006	ng	# 1
50) 2,6-Dinitrotoluene	10.07	165	66718	8.857	ng	# 25
56) 2,4-Dinitrotoluene	10.07	165	66718	6.881	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.87	198	1522	5.698	ng	# 1
66) 4-Bromophenyl-phenylether	10.87	248	48027	4.171	ng	# 1

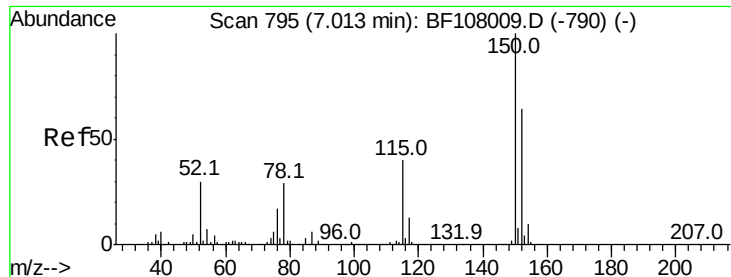
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
Data File : BF108112.D
Acq On : 13 Aug 2018 13:24
Operator : JU/SJ
Sample : PB111971BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 13 15:00:29 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 08 12:24:24 2018
Response via : Initial Calibration



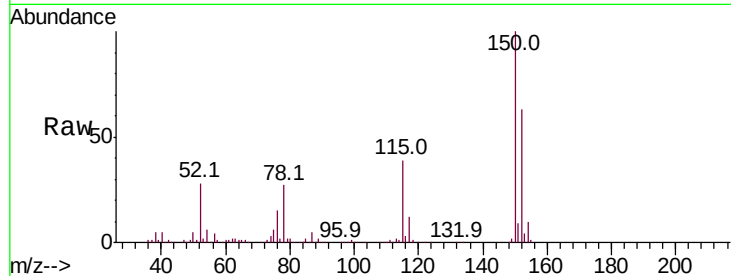


#1

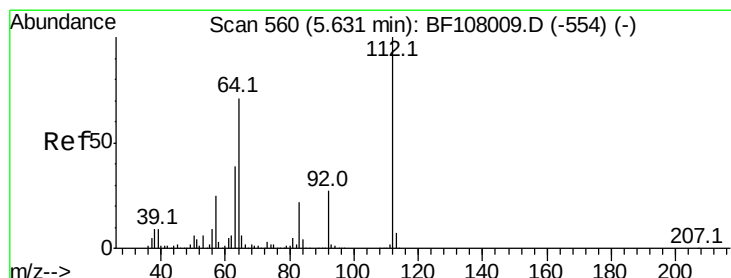
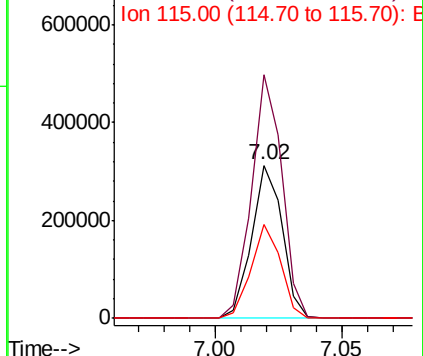
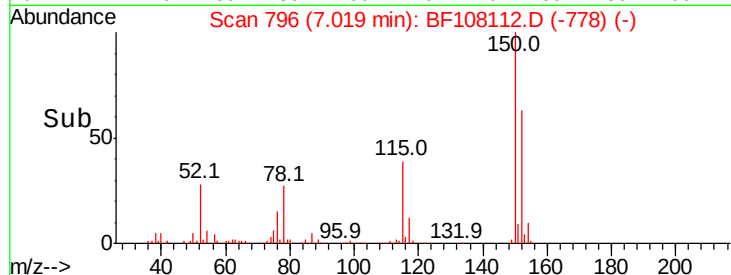
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 265176
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 61.3 50.1 75.1



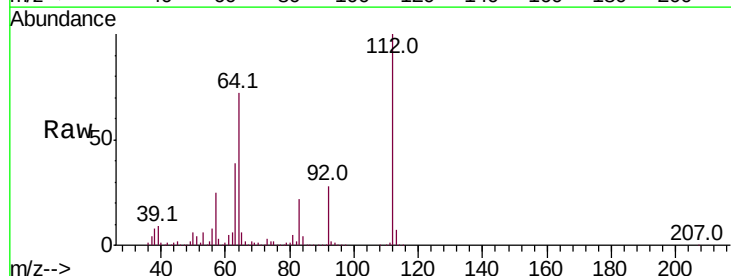
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



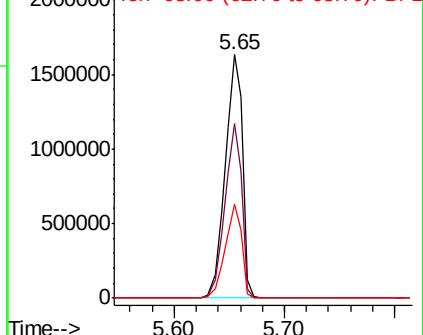
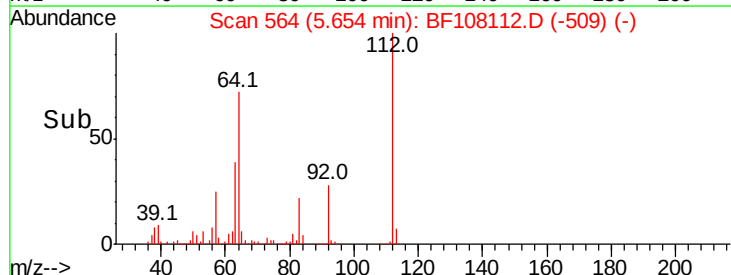
#5

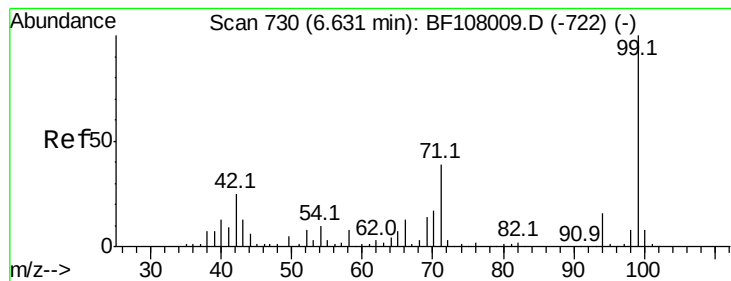
2-Fluorophenol
Concen: 121.709 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:112 Resp: 1782657
Ion Ratio Lower Upper
112 100
64 71.8 47.9 71.9
63 38.7 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: 118.704 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108112.D

Acq: 13 Aug 2018 13:24

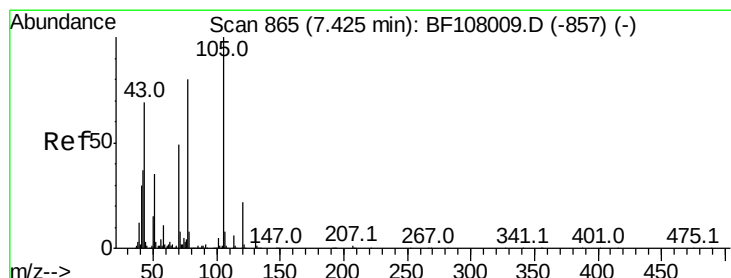
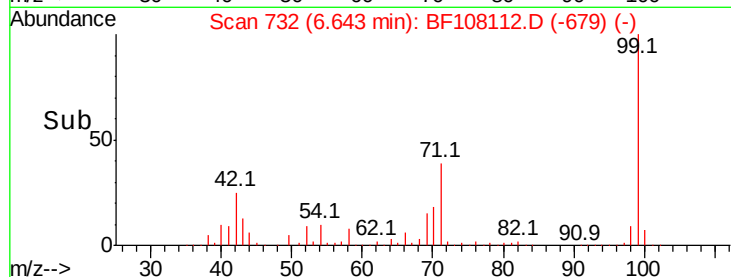
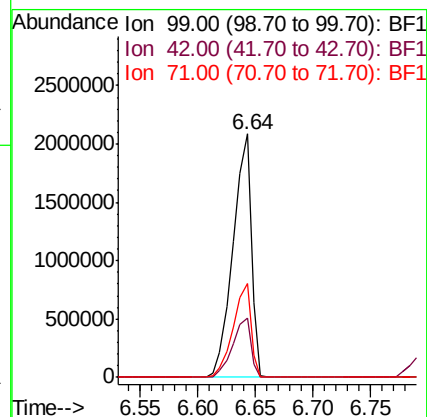
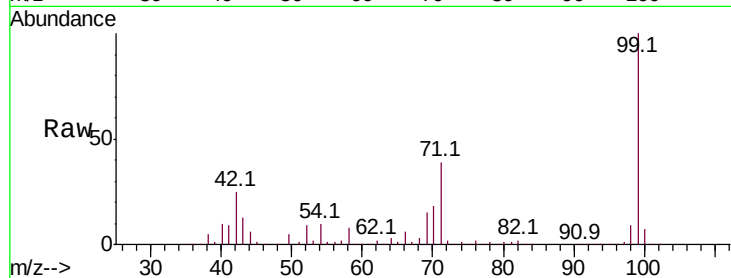
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2310422

Ion	Ratio	Lower	Upper
99	100		
42	24.6	14.5	21.7#
71	38.7	25.4	38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.484 ng

RT: 7.58 min Scan# 892

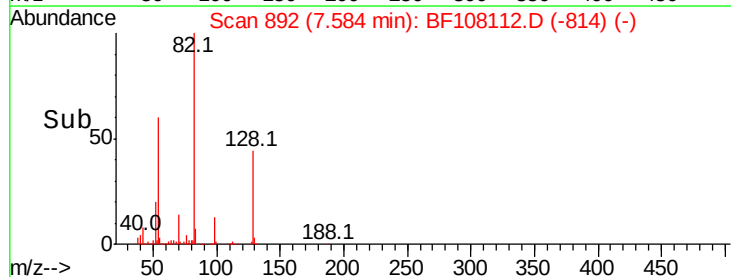
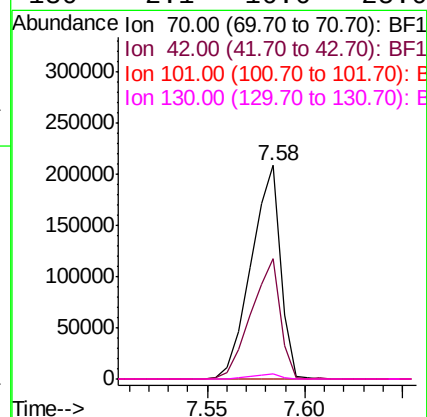
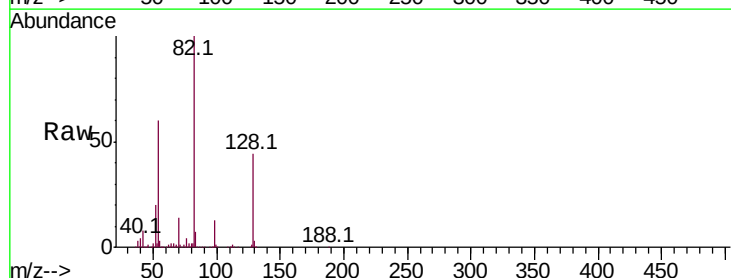
Delta R.T. 0.16 min

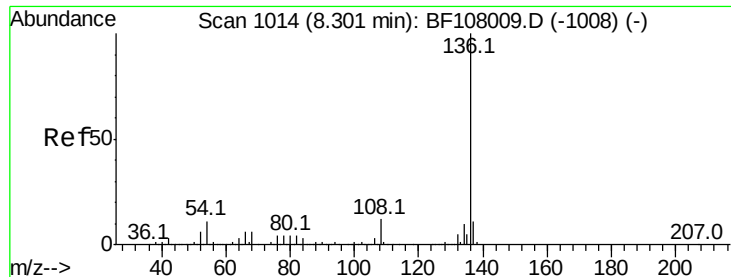
Lab File: BF108112.D

Acq: 13 Aug 2018 13:24

Tgt Ion: 70 Resp: 216957

Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

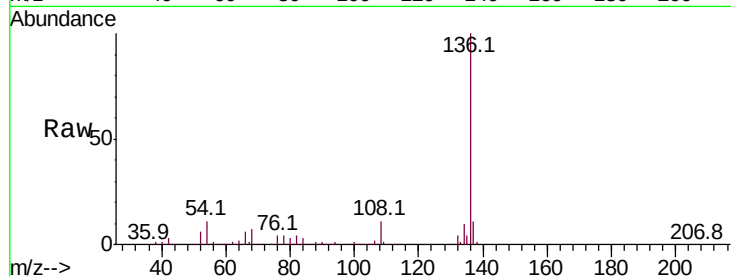




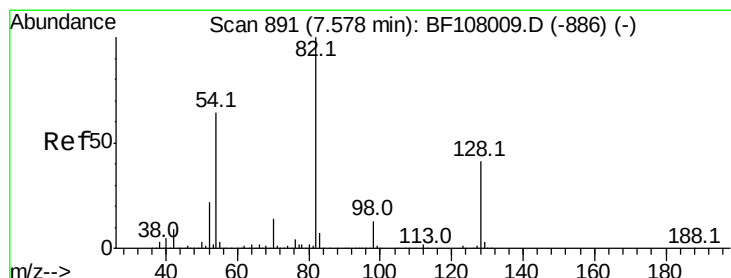
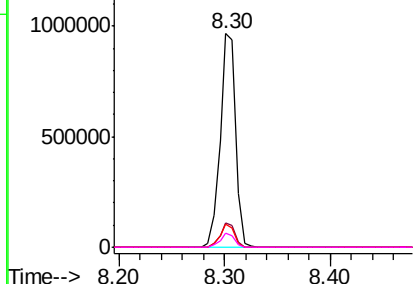
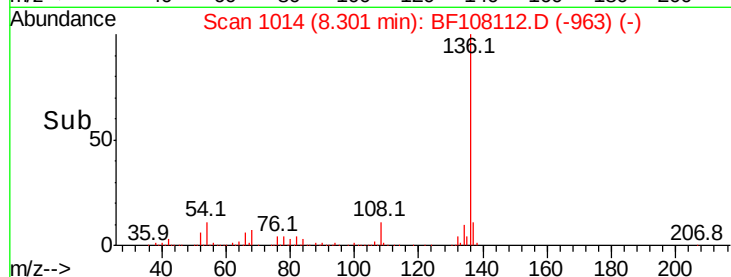
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	998102
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.7	6.6 9.8#
68	6.9	5.0 7.4

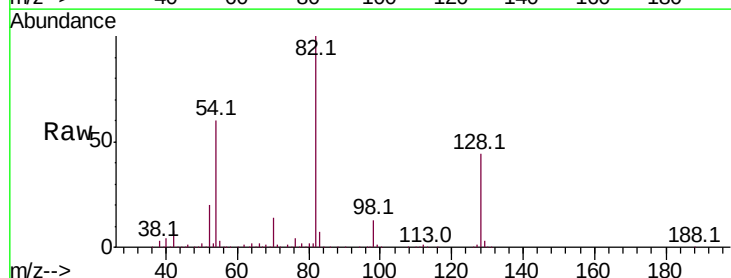


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

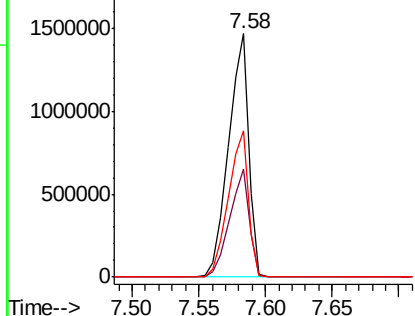
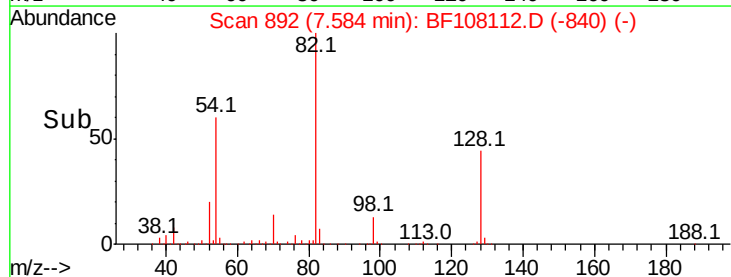


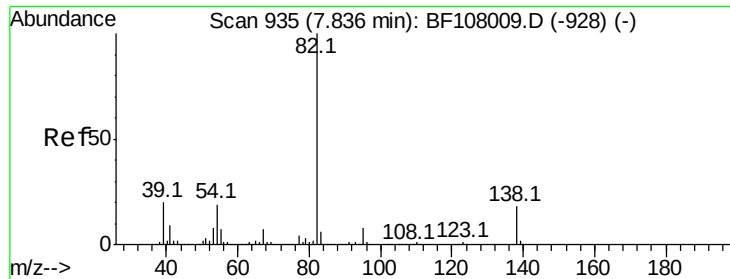
#23
Nitrobenzene-d5
Concen: 87.760 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion: 82	Resp:	1569728
Ion Ratio	Lower	Upper
82	100	
128	44.2	36.1 54.1
54	60.0	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.043 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108112.D

Acq: 13 Aug 2018 13:24

Instrument :

BNA_F

ClientSampleId :

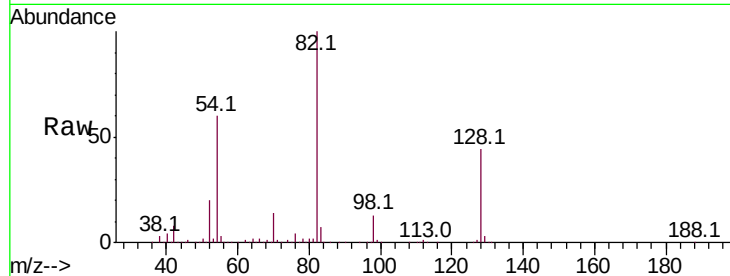
Tot Ion: 82 Resp: 1569715

Ion Ratio Lower Upper

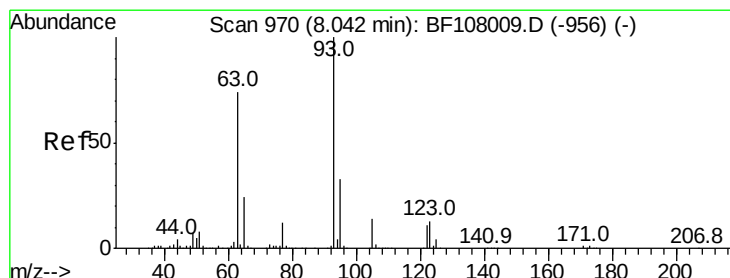
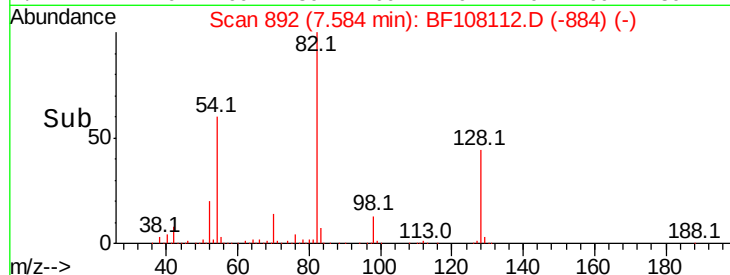
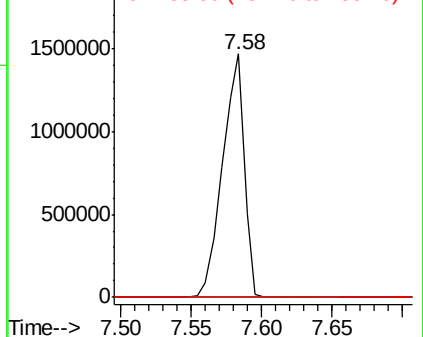
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 6.006 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.27 min

Lab File: BF108112.D

Acq: 13 Aug 2018 13:24

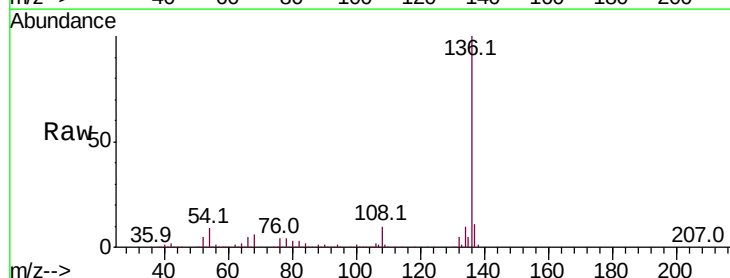
Tgt Ion: 122 Resp: 313

Ion Ratio Lower Upper

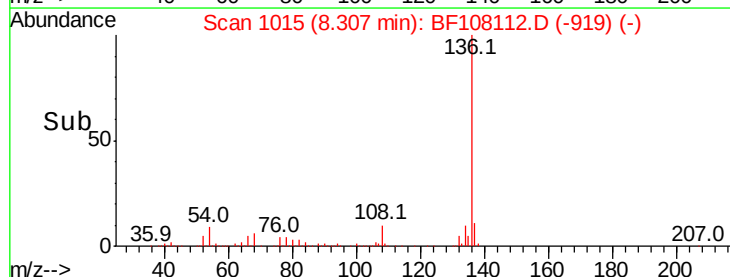
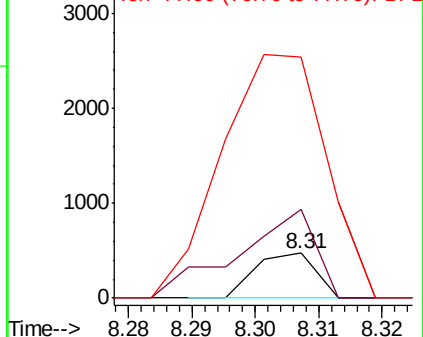
122 100

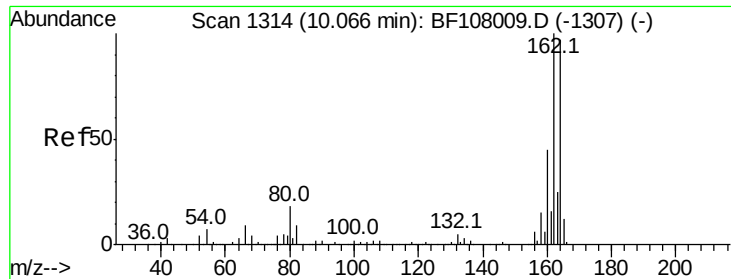
105 197.9 101.1 141.1#

77 535.4 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
3000
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

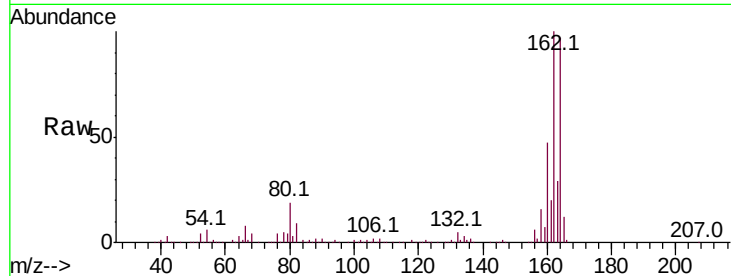




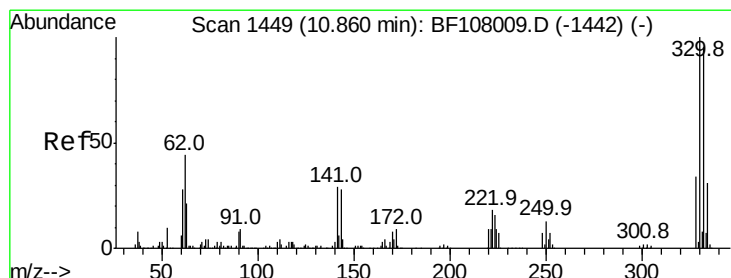
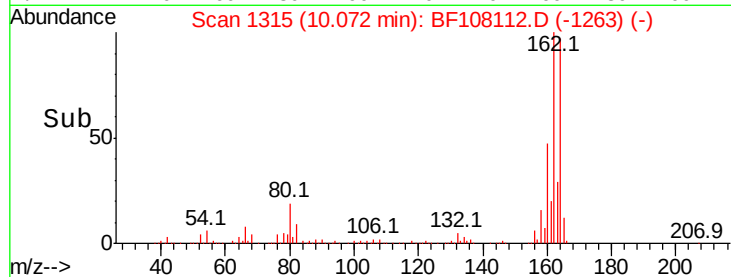
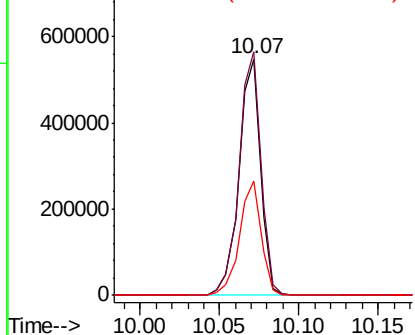
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 516850
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 48.5 38.3 57.5

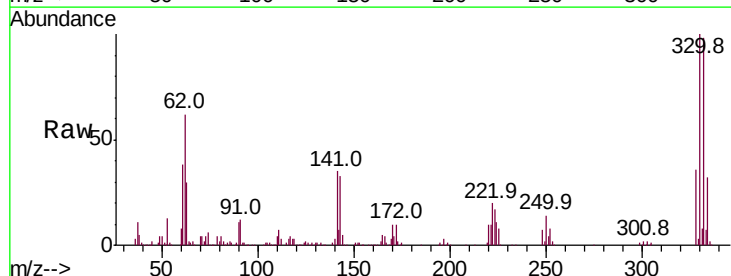


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

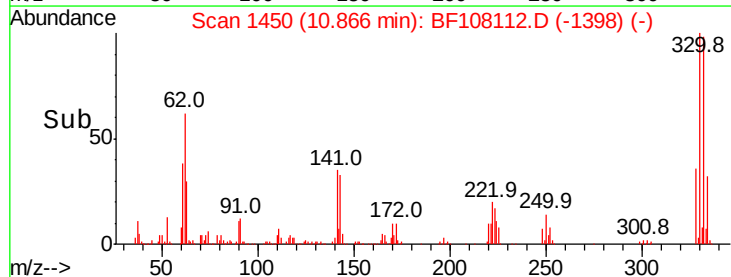
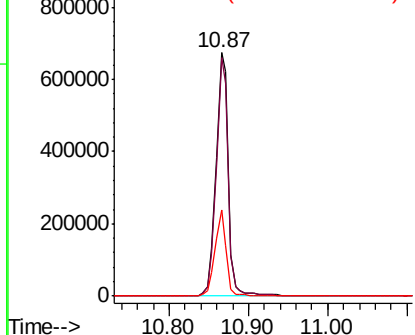


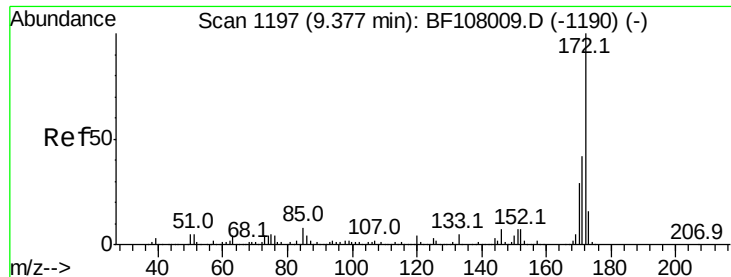
#41
2,4,6-Tribromophenol
Concen: 141.489 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:330 Resp: 729439
Ion Ratio Lower Upper
330 100
332 95.8 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

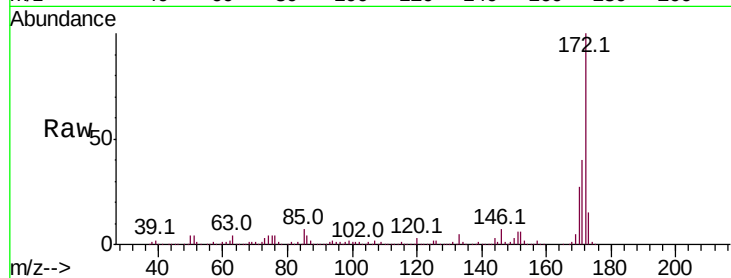




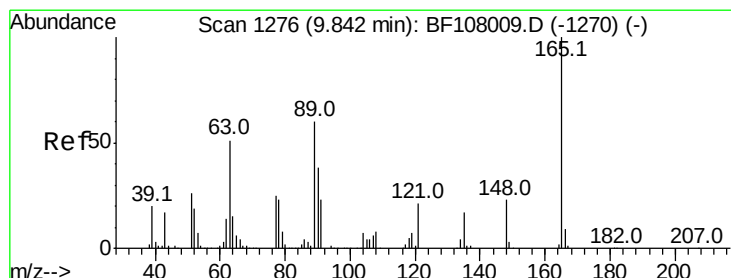
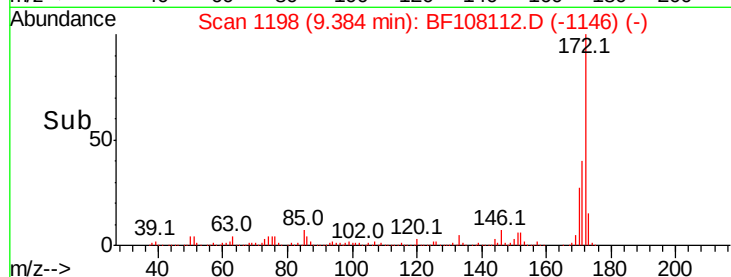
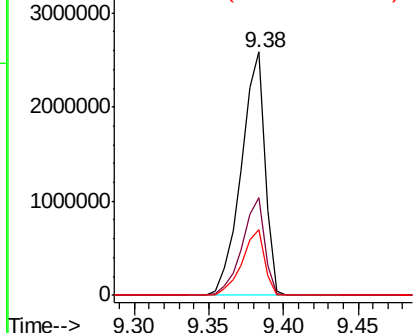
#44
2-Fluorobiphenyl
Concen: 89.027 ng
RT: 9.38 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2866051
Ion Ratio Lower Upper
172 100
171 40.0 29.7 44.5
170 27.1 19.6 29.4

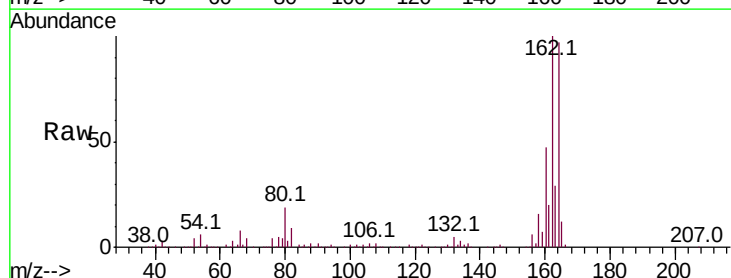


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

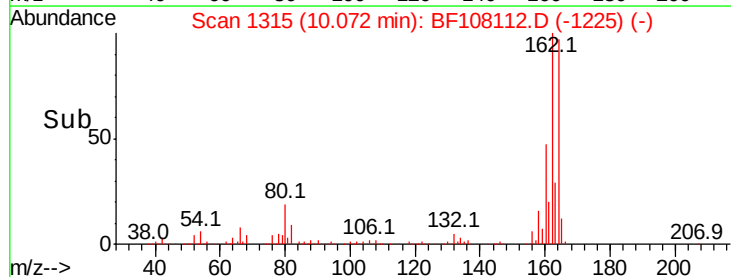
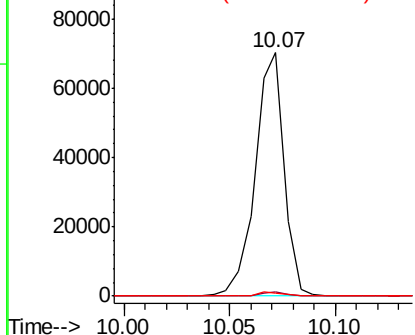


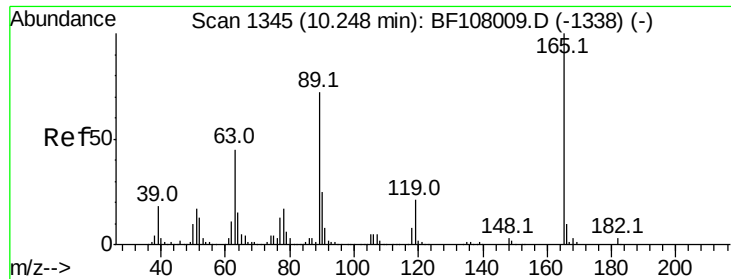
#50
2,6-Dinitrotoluene
Concen: 8.857 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.23 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Tgt Ion:165 Resp: 66718
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.1 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

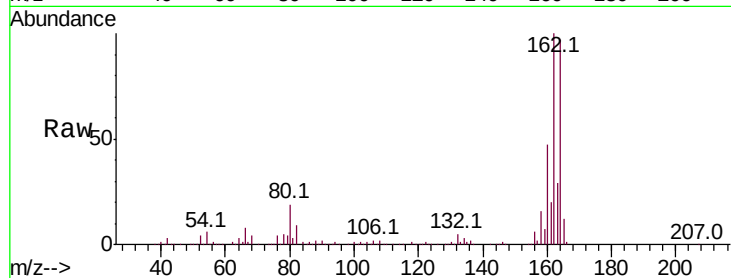




#56
 2,4-Dinitrotoluene
 Concen: 6.881 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.18 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

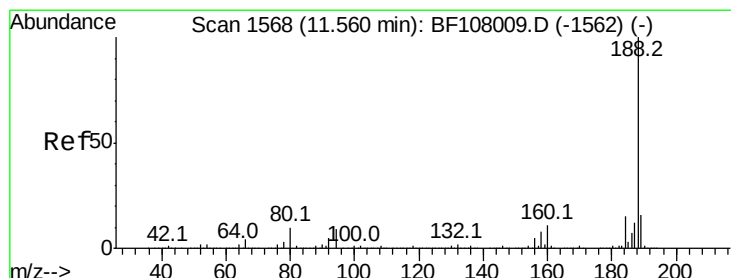
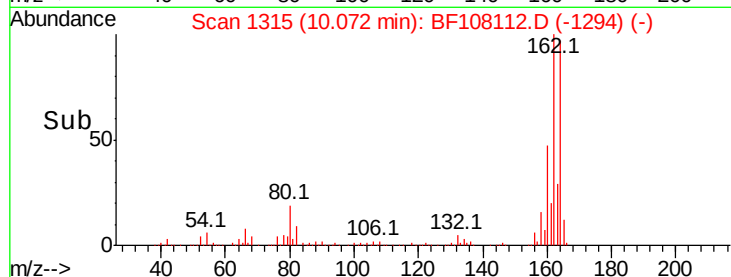
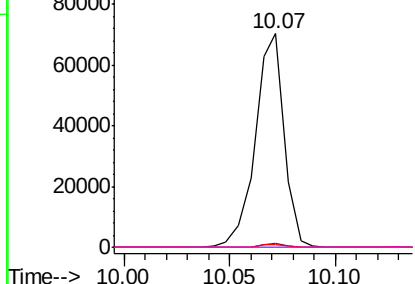


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

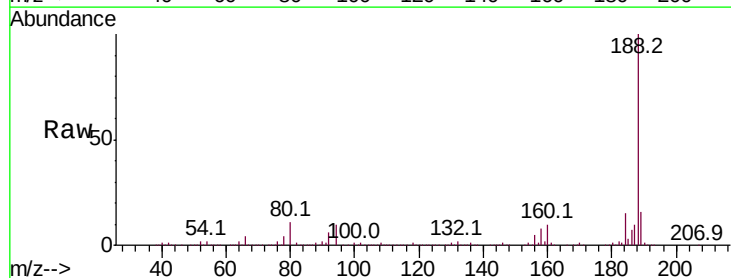
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

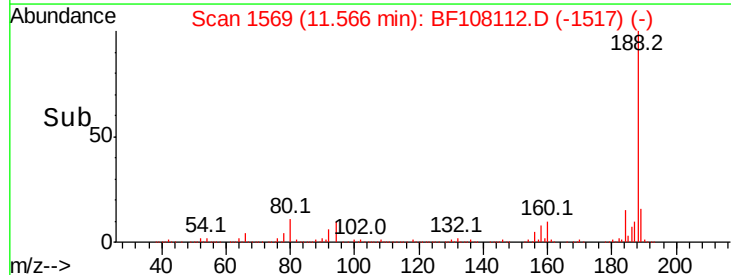
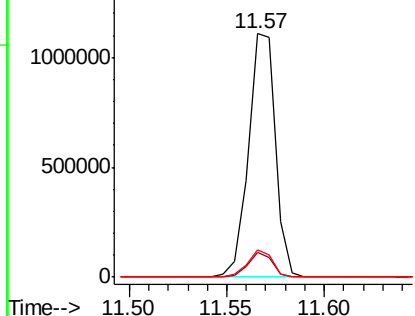
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

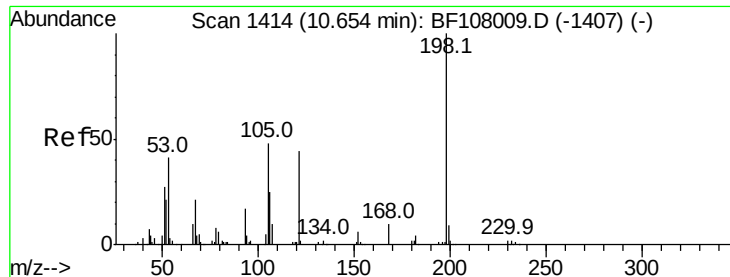


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

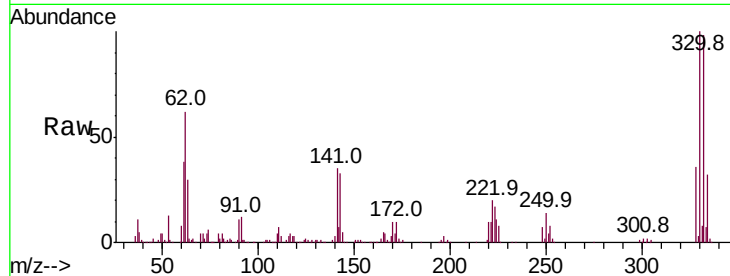




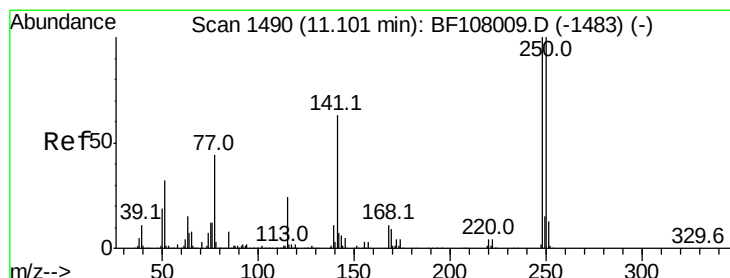
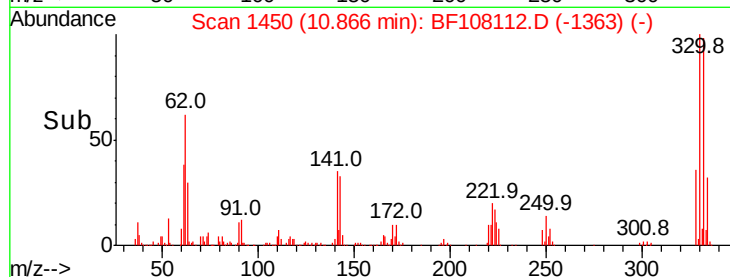
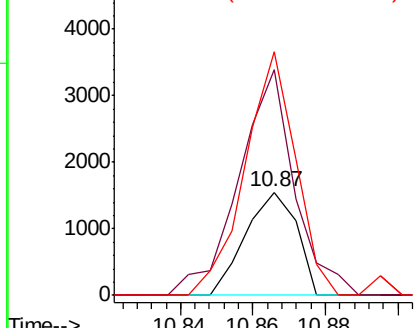
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.698 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.21 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 1522
 Ion Ratio Lower Upper
 198 100
 51 218.2 37.7 77.7#
 105 235.4 36.3 76.3#

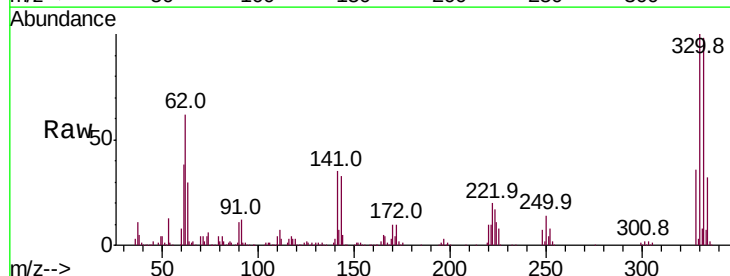


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

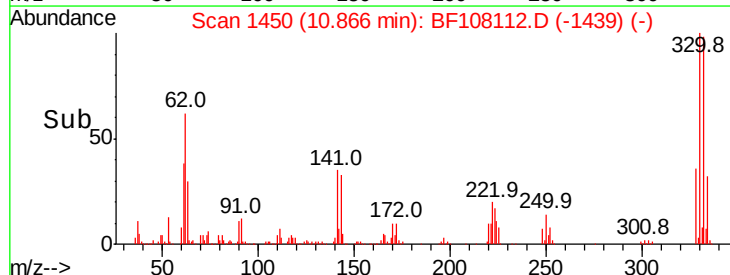
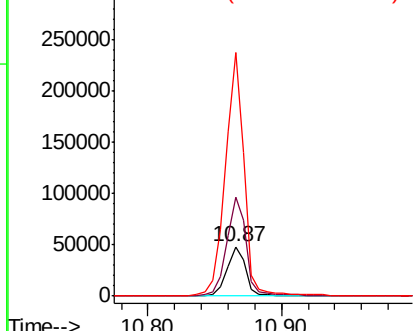


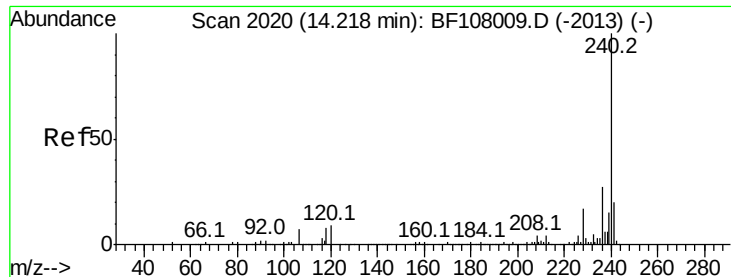
#66
 4-Bromophenyl-phenylether
 Concen: 4.171 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF108112.D
 Acq: 13 Aug 2018 13:24

Tgt Ion:248 Resp: 48027
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.9 115.3#
 141 489.9 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108112.D

Acq: 13 Aug 2018 13:24

Instrument :

BNA_F

ClientSampleId :

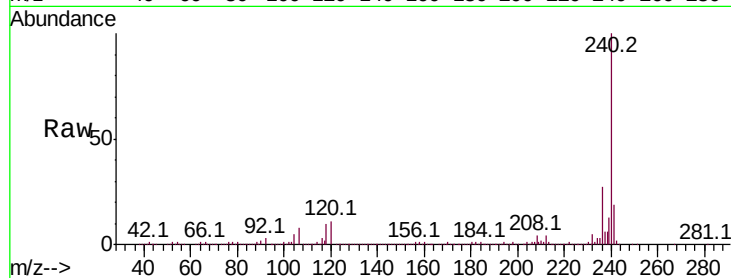
Tot Ion:240 Resp: 911926

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

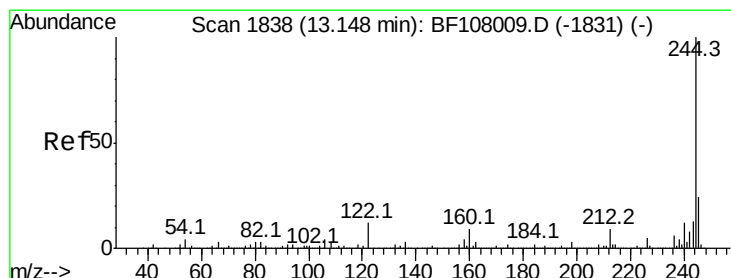
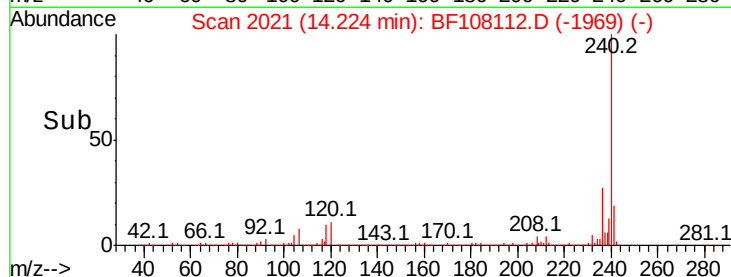
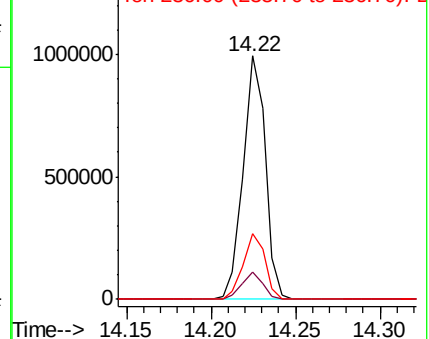
236 26.8 20.7 31.1



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: 92.608 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108112.D

Acq: 13 Aug 2018 13:24

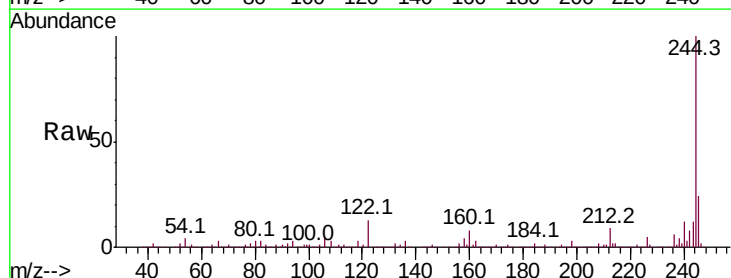
Tgt Ion:244 Resp: 3321501

Ion Ratio Lower Upper

244 100

212 8.7 5.4 8.0#

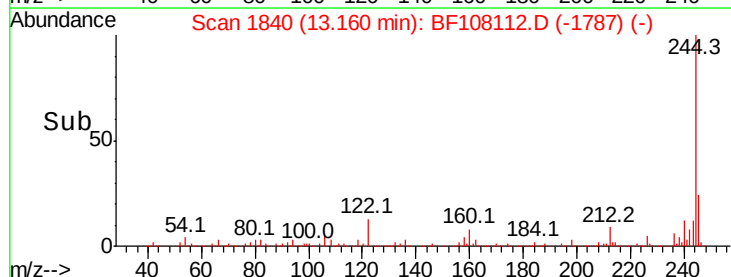
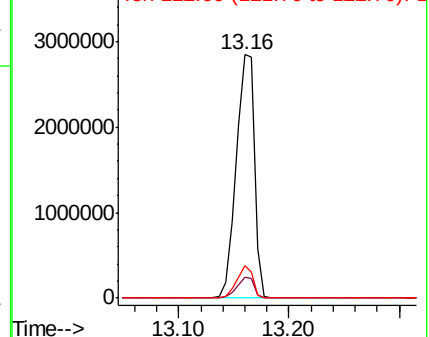
122 13.3 11.0 16.4

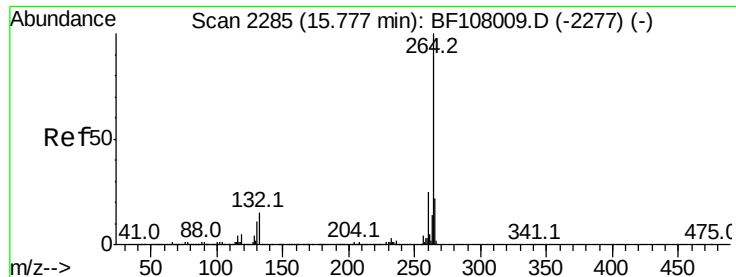


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.80 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF108112.D
Acq: 13 Aug 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	17.5	26.3

