

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108492.D
 Acq On : 25 Aug 2018 5:23
 Operator : JU/SJ
 Sample : J4607-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 01:35:09 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	134315	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	500290	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	233040	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	401537	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	279276	20.00	ng	-0.01
86) Perylene-d12	15.74	264	274964	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	1015682	136.91	ng	0.00
7) Phenol-d6	6.63	99	1355892	137.53	ng	0.00
23) Nitrobenzene-d5	7.57	82	900537	100.44	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	301432	129.68	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1538741	106.01	ng	0.00
78) Terphenyl-d14	13.12	244	1253329	114.10	ng	0.00

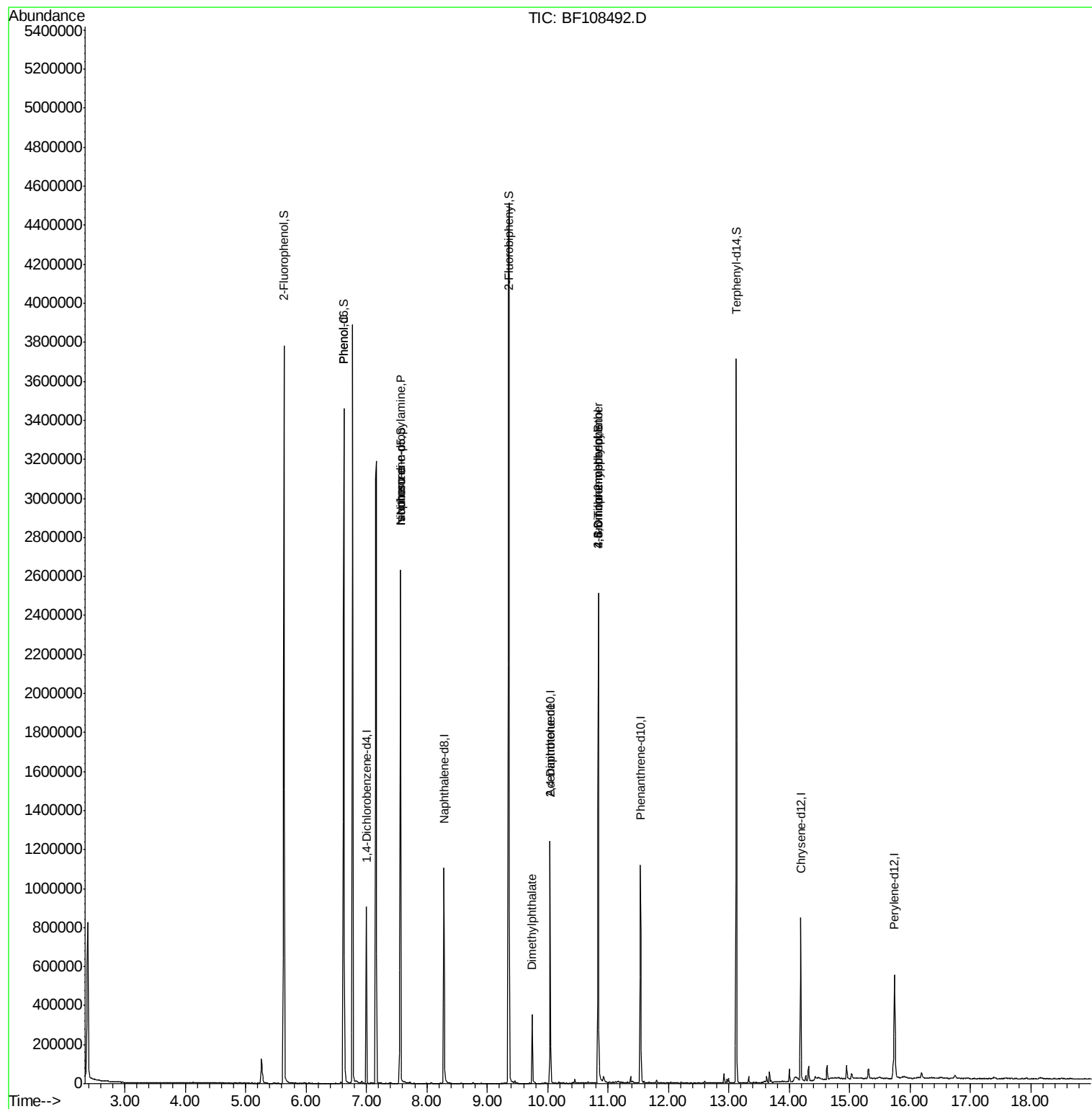
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.64	94	25318	2.483	ng	# 63
19) n-Nitroso-di-n-propylamine	7.57	70	121014	18.152	ng	# 82
25) Isophorone	7.57	82	900530	52.697	ng	# 64
49) Dimethylphthalate	9.74	163	149821	9.229	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	29311	6.705	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	617	5.722	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	19177	4.395	ng	# 1

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

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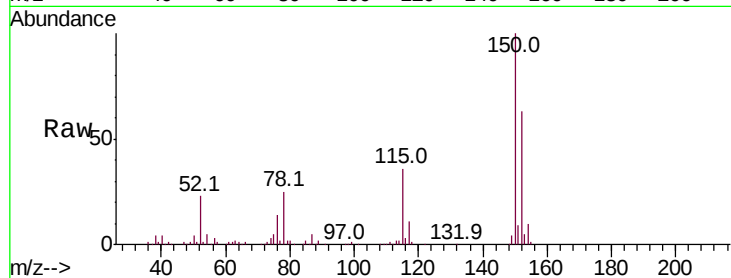


#1

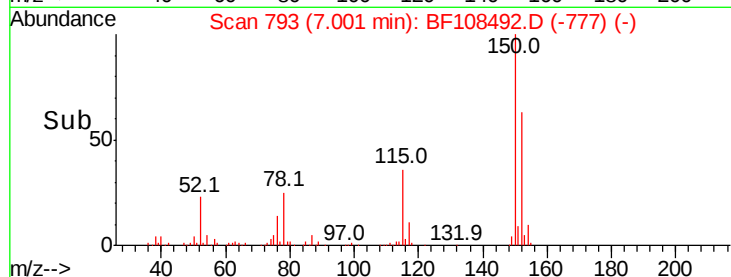
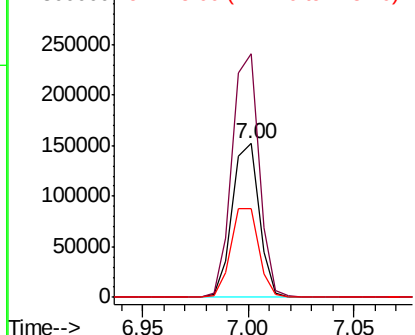
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 134315
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 57.8 50.1 75.1



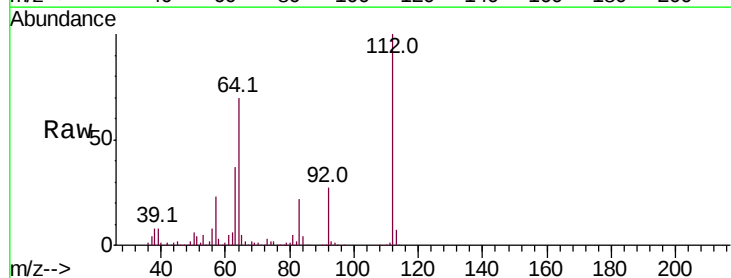
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



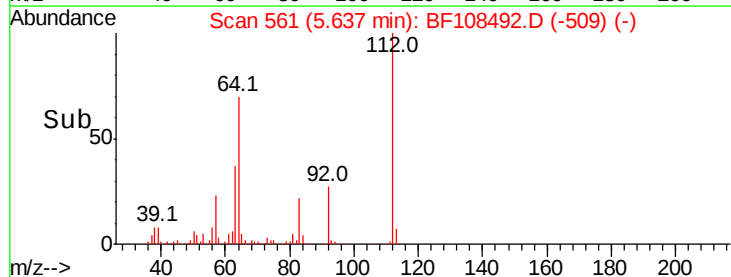
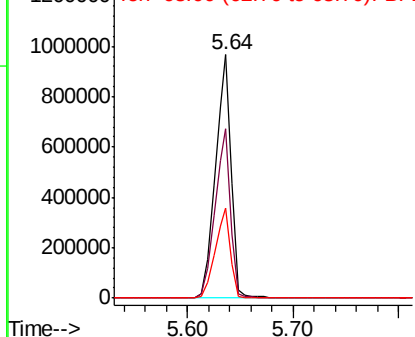
#5

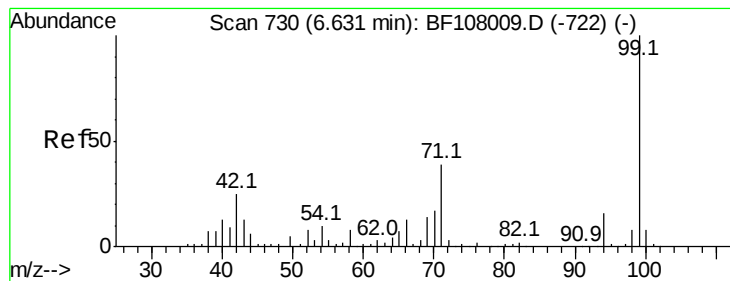
2-Fluorophenol
Concen: 136.906 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:112 Resp: 1015682
Ion Ratio Lower Upper
112 100
64 69.7 47.9 71.9
63 37.1 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: 137.533 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108492.D

Acq: 25 Aug 2018 5:23

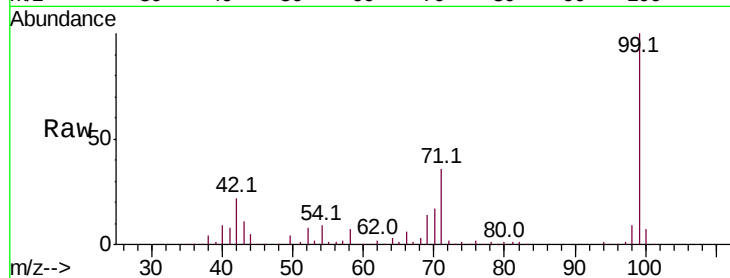
Instrument :

BNA_G

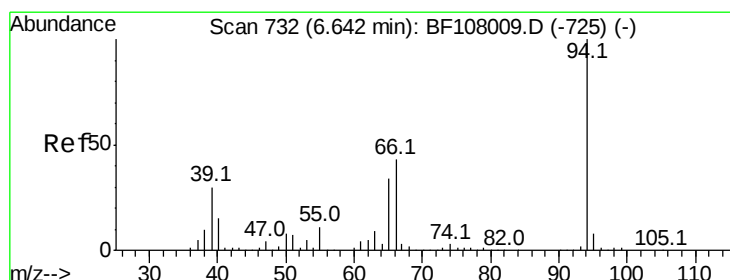
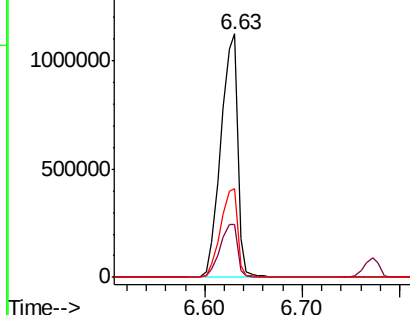
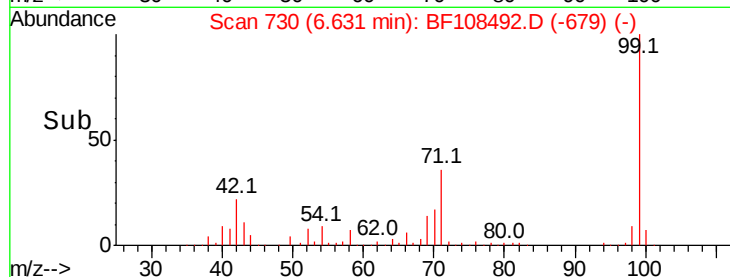
ClientSampled :

Tot Ion: 99 Resp: 1355892

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	36.3	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



#10

Phenol

Concen: 2.483 ng

RT: 6.64 min Scan# 731

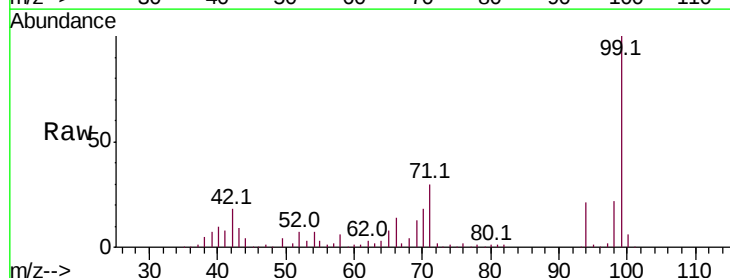
Delta R.T. -0.01 min

Lab File: BF108492.D

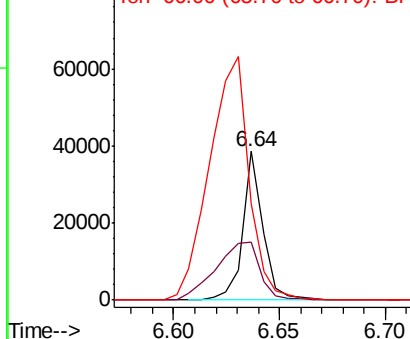
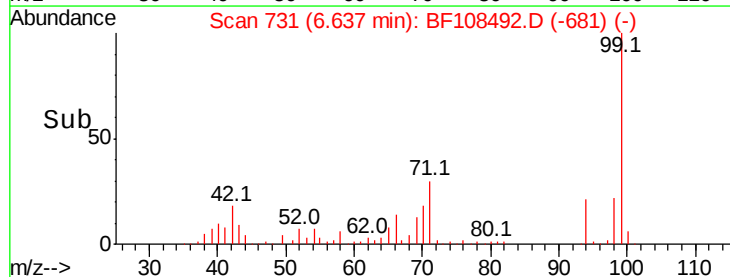
Acq: 25 Aug 2018 5:23

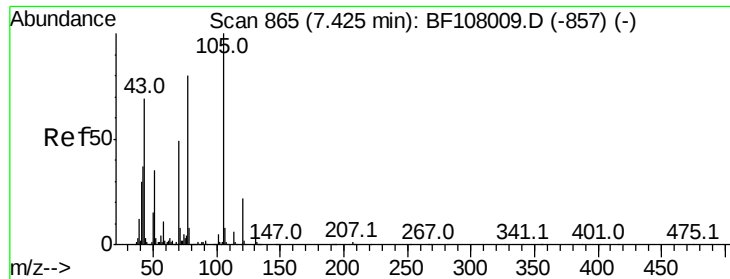
Tgt Ion: 94 Resp: 25318

Ion	Ratio	Lower	Upper
94	100		
65	38.7	7.9	47.9
66	65.2	16.2	56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

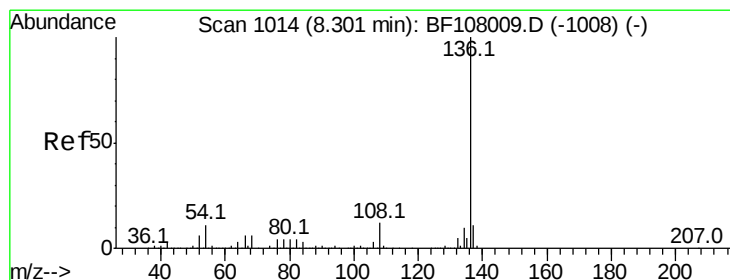
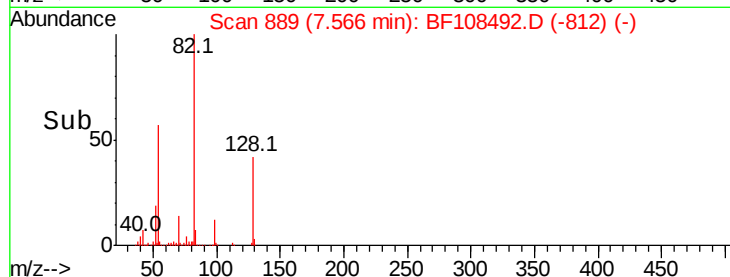
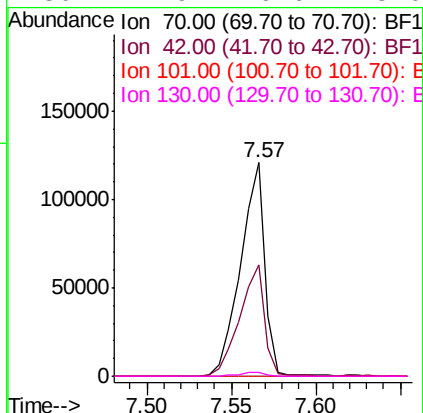
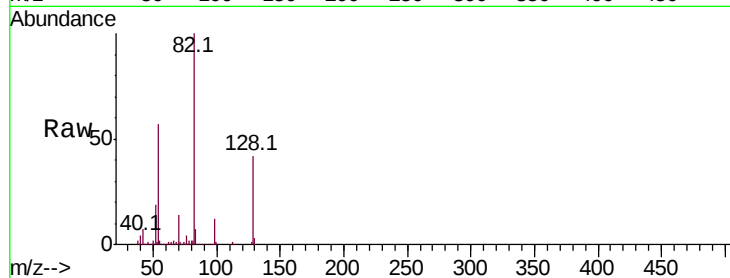




#19
n-Nitroso-di-n-propylamine
Concen: 18.152 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

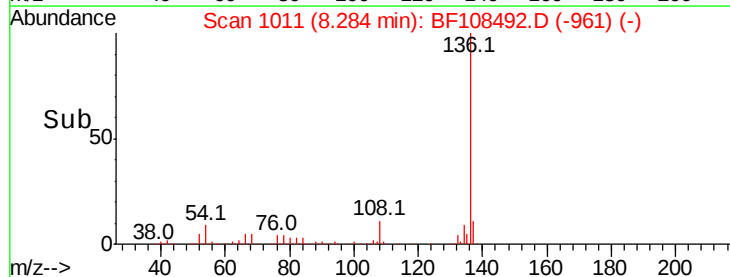
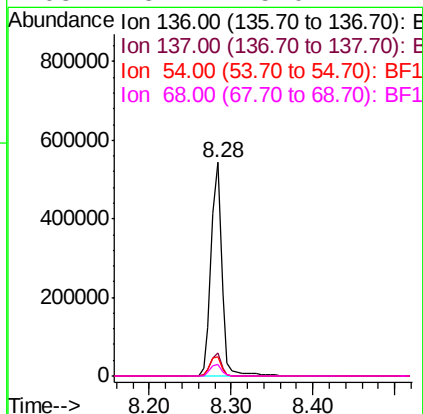
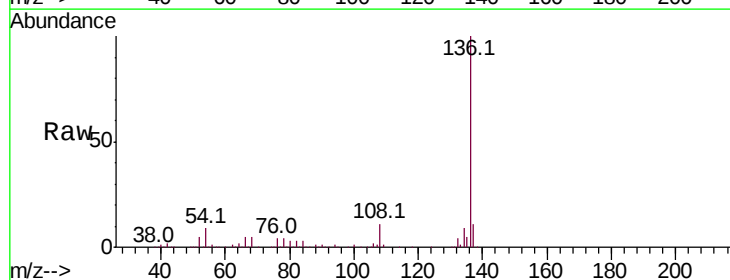
Instrument :
BNA_G
ClientSampleId :

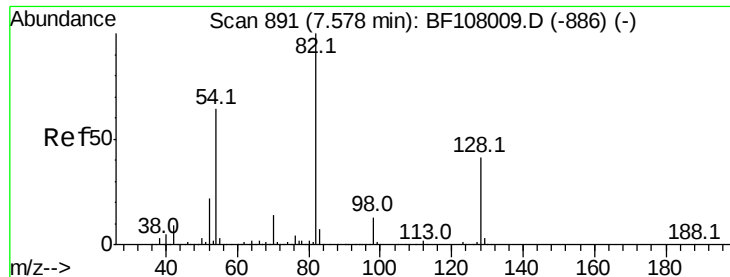
Tot Ion: 70 Resp: 121014
Ion Ratio Lower Upper
70 100
42 52.4 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion: 136 Resp: 500290
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.0 6.6 9.8
68 5.4 5.0 7.4

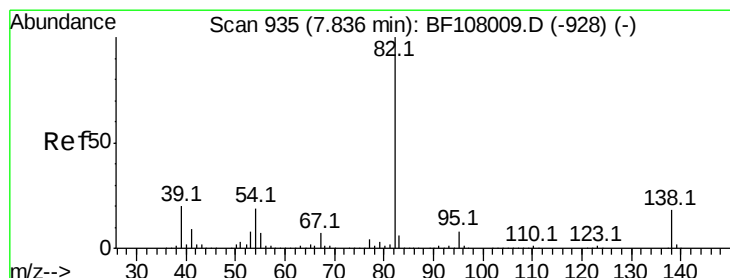
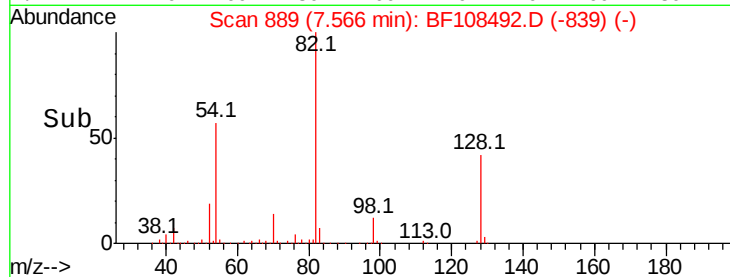
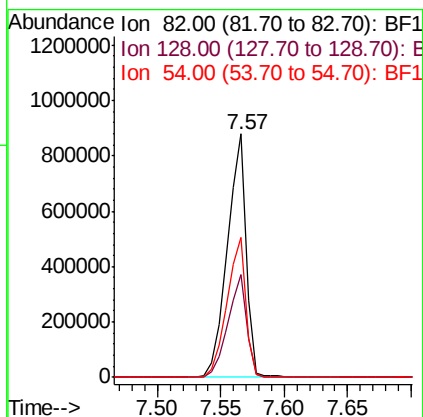
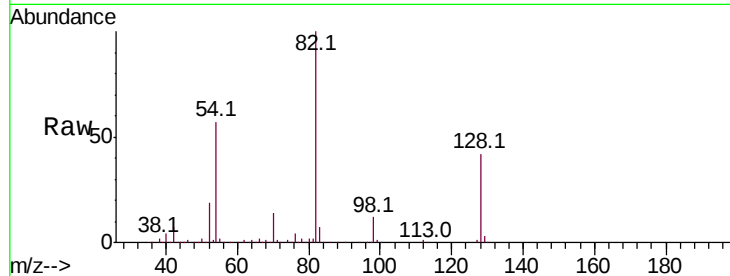




#23
 Nitrobenzene-d5
 Concen: 100.444 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108492.D
 Acq: 25 Aug 2018 5:23

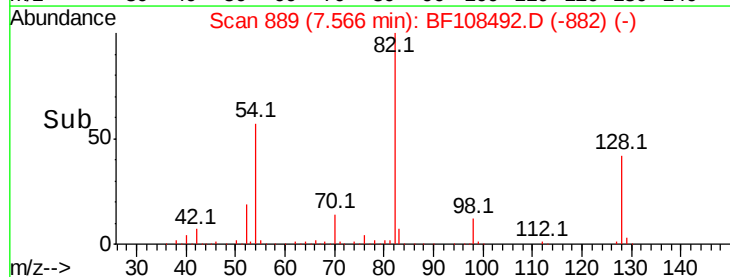
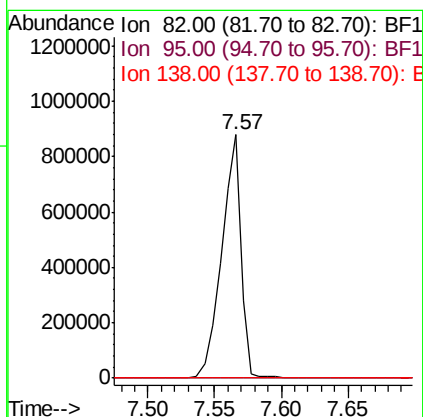
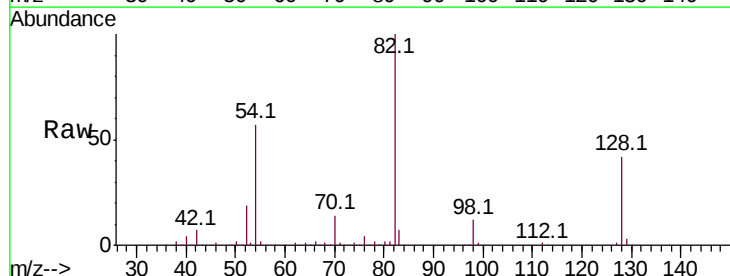
Instrument :
 BNA_G
 ClientSampled :

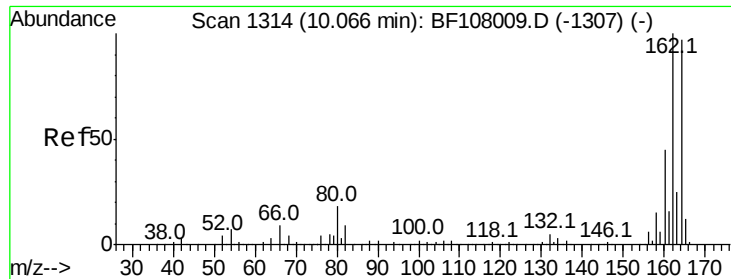
Tot Ion	82	Resp	900537
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	57.5	41.4	62.2



#25
 Isophorone
 Concen: 52.697 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108492.D
 Acq: 25 Aug 2018 5:23

Tgt Ion	82	Resp	900530
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

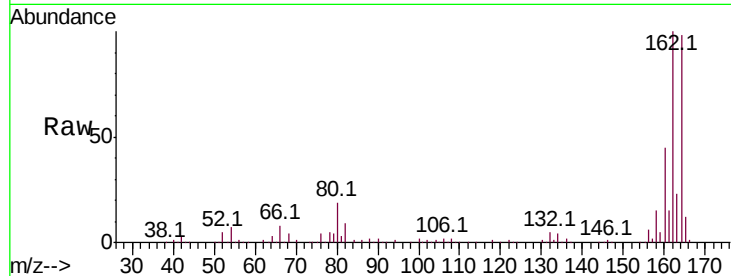




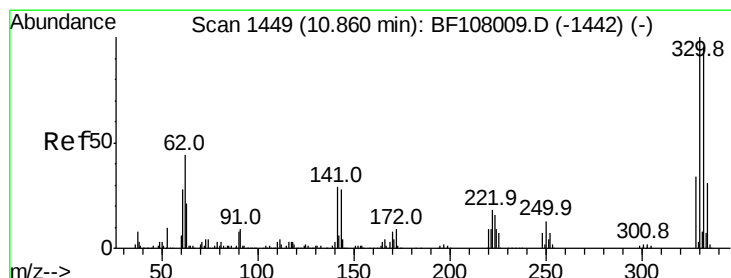
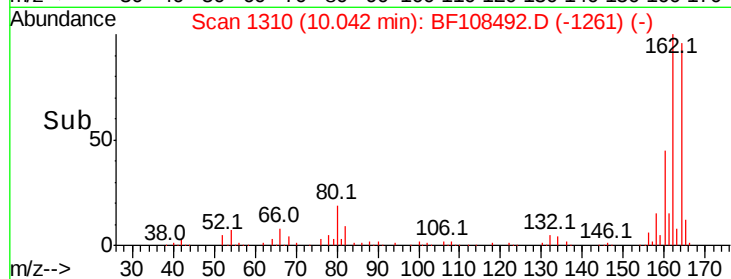
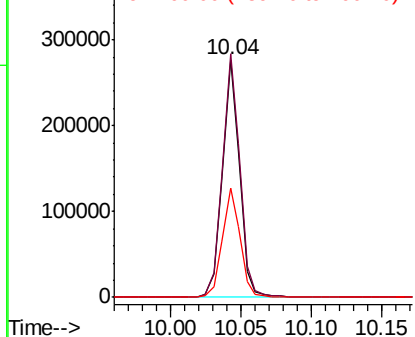
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108492.D
 Acq: 25 Aug 2018 5:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 233040
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 45.8 38.3 57.5

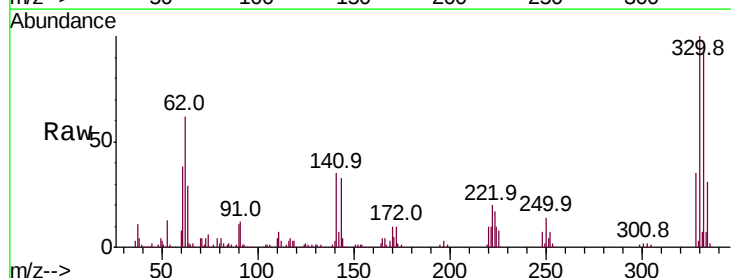


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

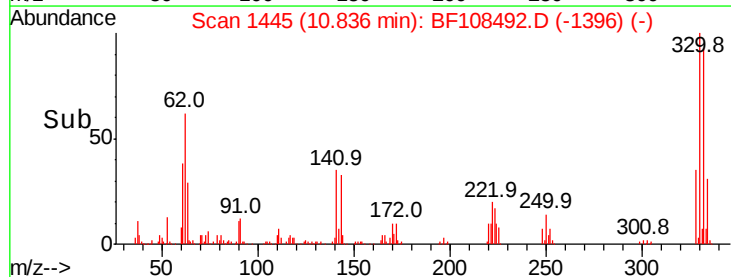
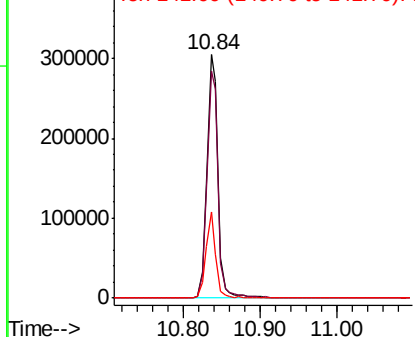


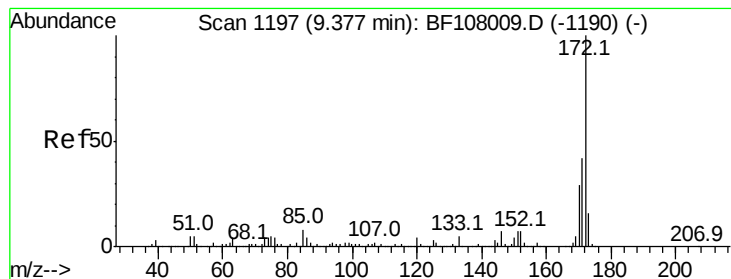
#41
 2,4,6-Tribromophenol
 Concen: 129.675 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108492.D
 Acq: 25 Aug 2018 5:23

Tgt Ion:330 Resp: 301432
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 31.7 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

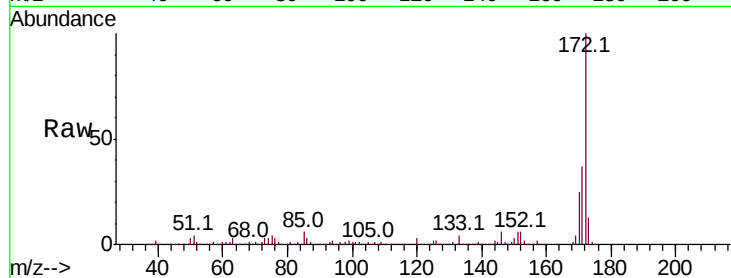




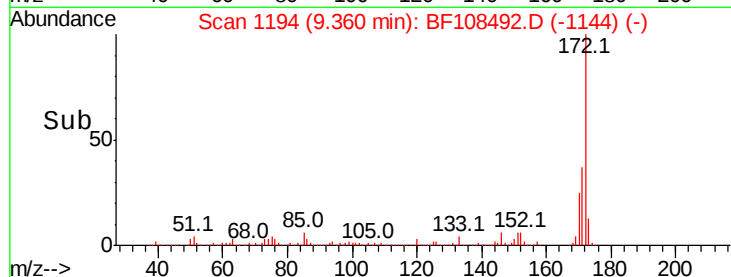
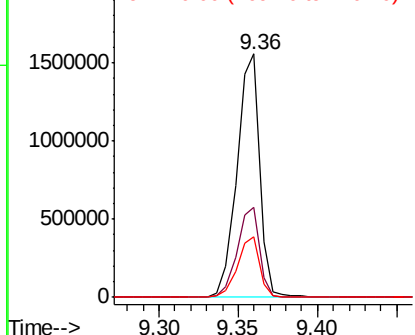
#44
2-Fluorobiphenyl
Concen: 106.008 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1538741
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 25.0 19.6 29.4

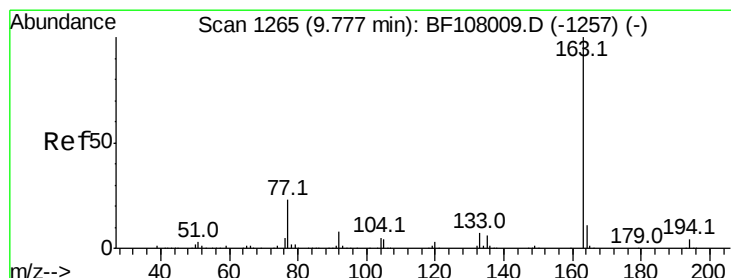


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

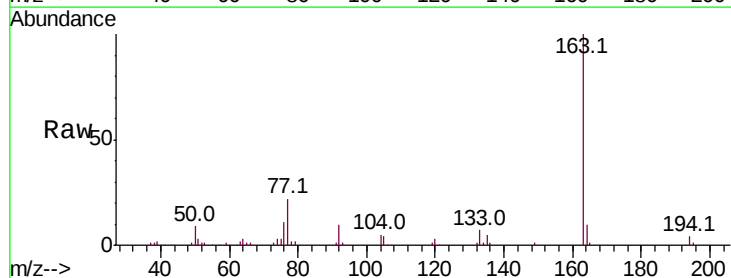
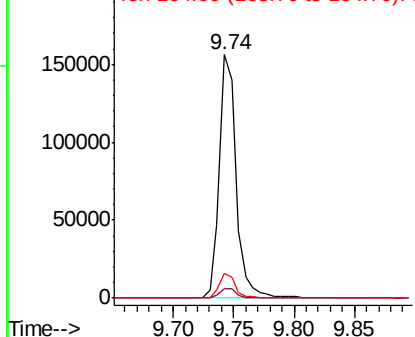


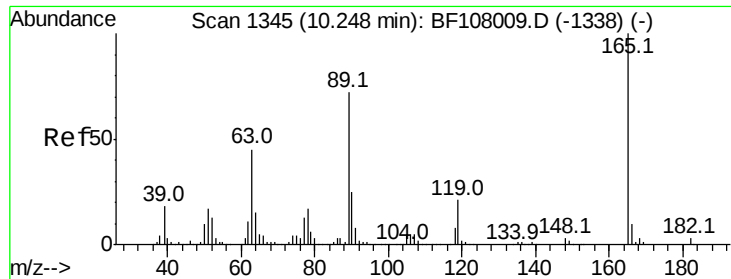
#49
Dimethylphthalate
Concen: 9.229 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Tgt Ion:163 Resp: 149821
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.9 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

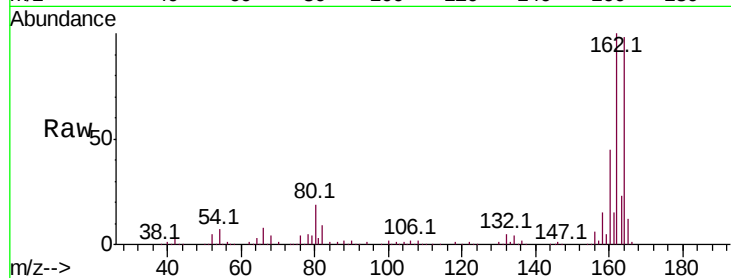




#56
 2,4-Dinitrotoluene
 Concen: 6.705 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108492.D
 Acq: 25 Aug 2018 5:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



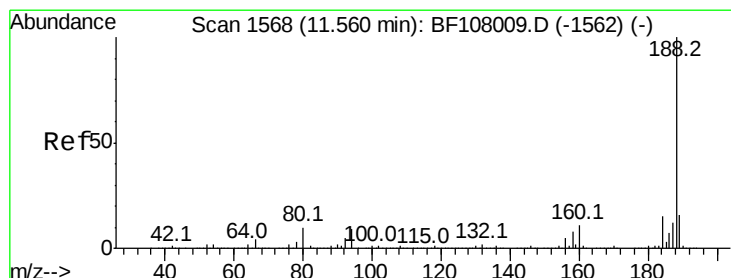
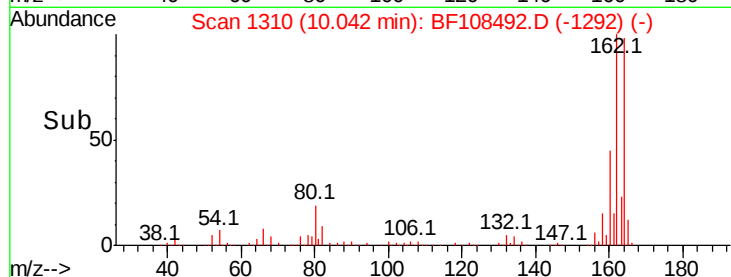
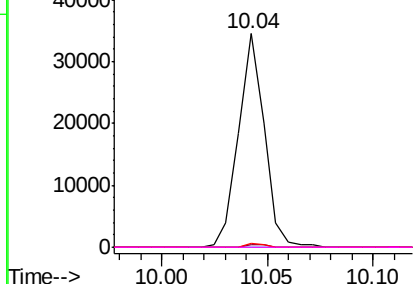
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

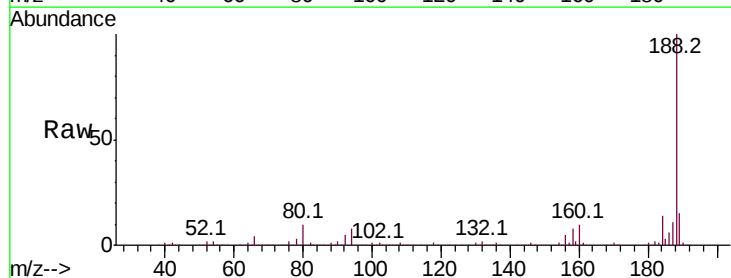
Ion 89.00 (88.70 to 89.70): BF1

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: BF108492.D
 Acq: 25 Aug 2018 5:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.6	9.2	13.8

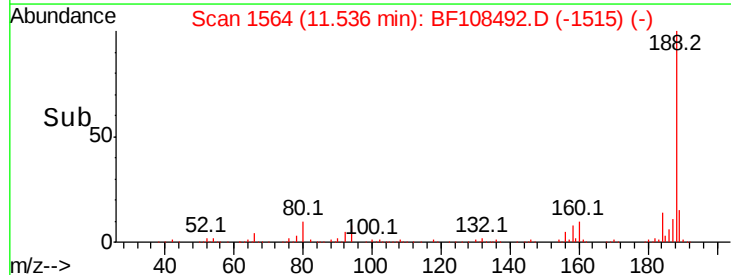
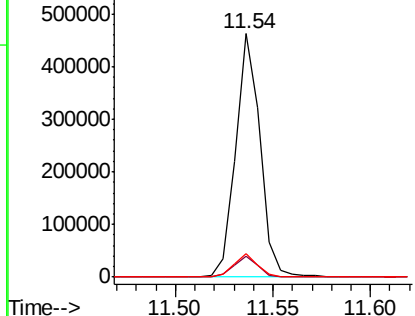


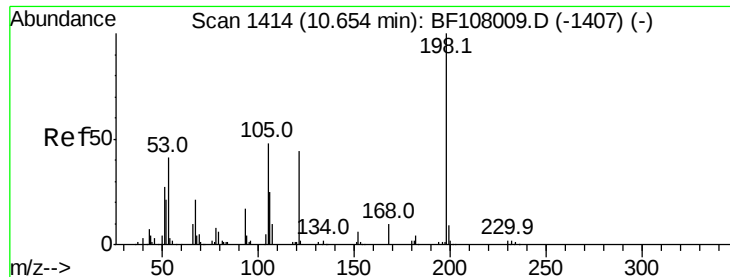
Abundance

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: 5.722 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108492.D

Acq: 25 Aug 2018 5:23

Instrument :

BNA_G

ClientSampleId :

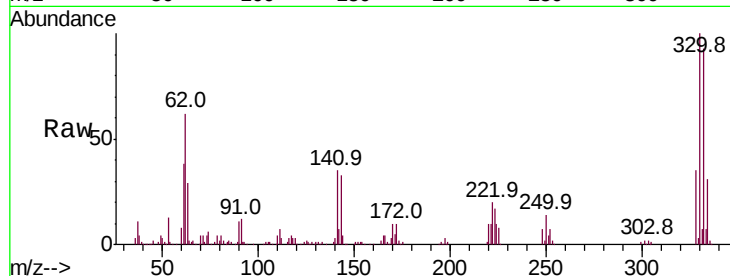
Tot Ion:198 Resp: 617

Ion Ratio Lower Upper

198 100

51 233.4 37.7 77.7#

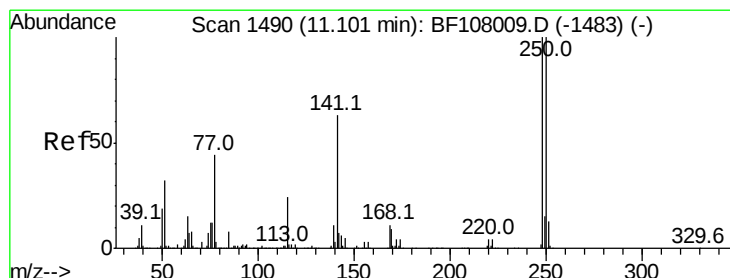
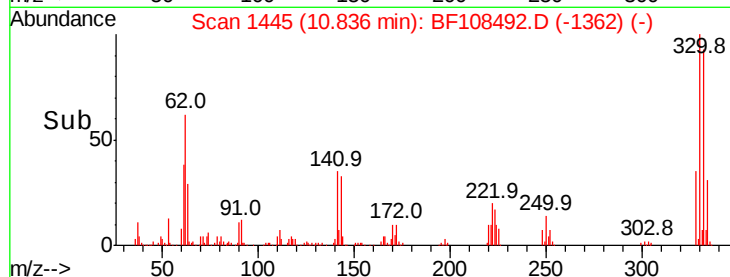
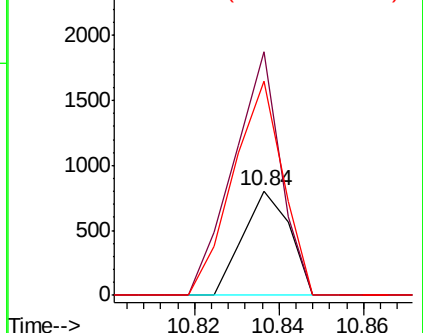
105 205.7 36.3 76.3#



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: 4.395 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108492.D

Acq: 25 Aug 2018 5:23

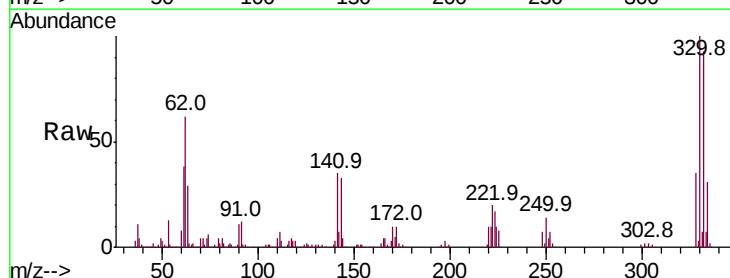
Tgt Ion:248 Resp: 19177

Ion Ratio Lower Upper

248 100

250 202.9 76.9 115.3#

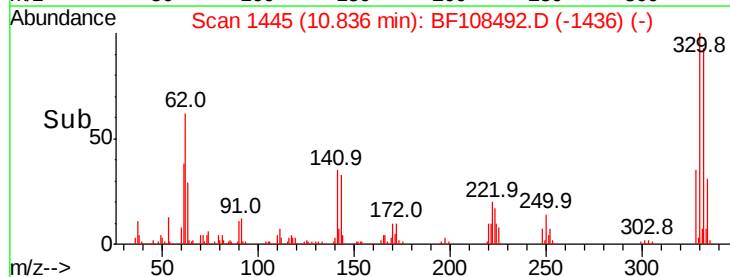
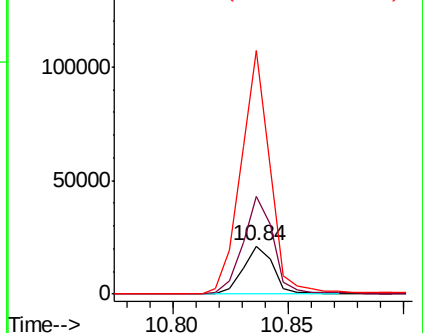
141 505.6 74.4 111.6#

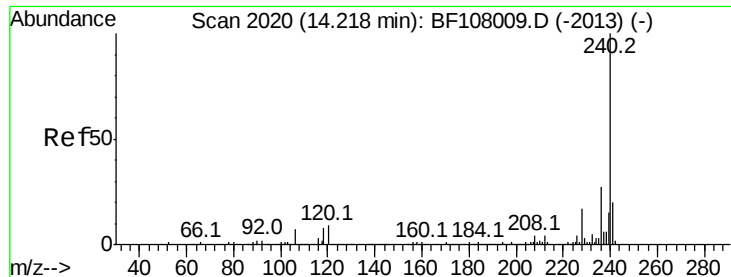


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108492.D

Acq: 25 Aug 2018 5:23

Instrument :

BNA_G

ClientSampleId :

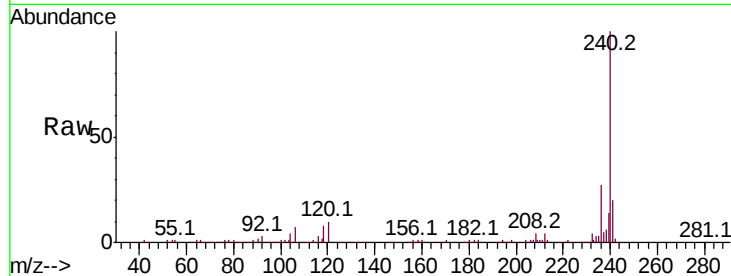
Tot Ion:240 Resp: 279276

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

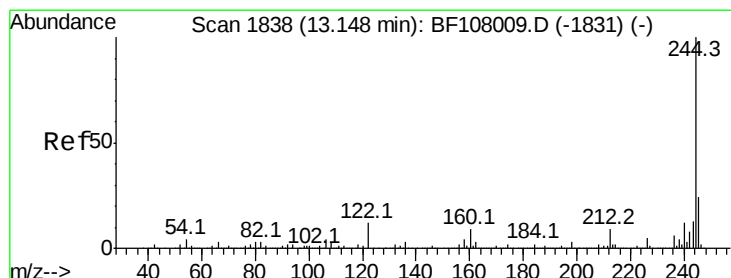
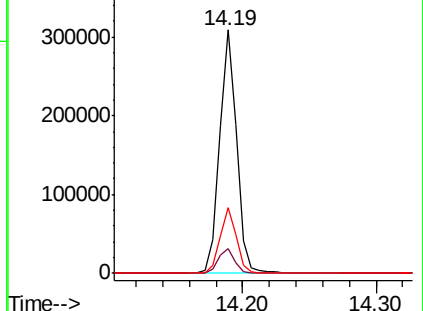
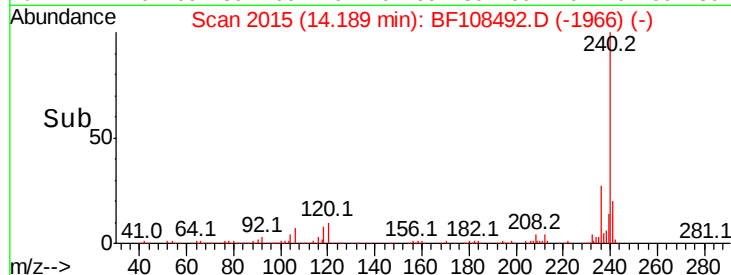
236 27.1 20.7 31.1



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: 114.105 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108492.D

Acq: 25 Aug 2018 5:23

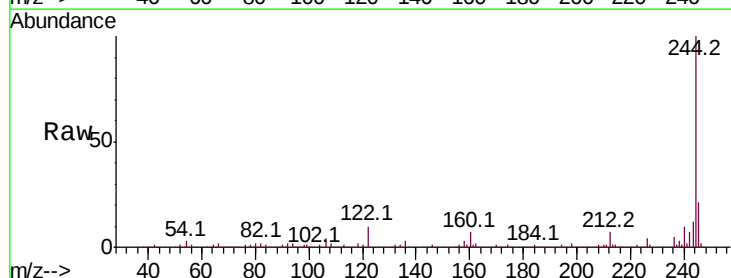
Tgt Ion:244 Resp: 1253329

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

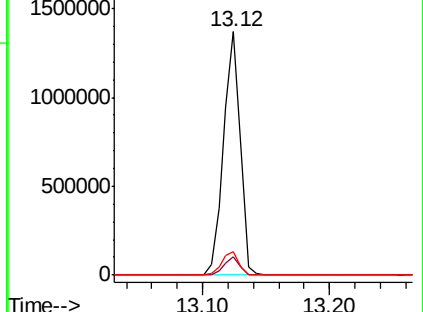
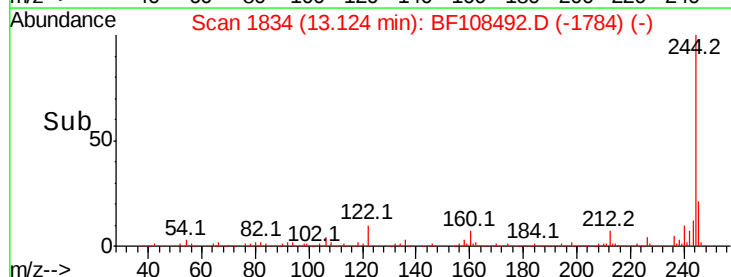
122 9.8 11.0 16.4#

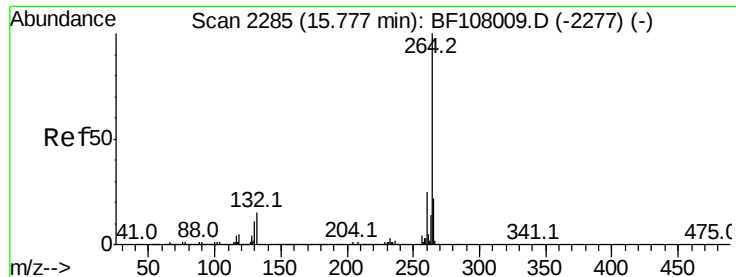


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108492.D
Acq: 25 Aug 2018 5:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

