

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108586.D
 Acq On : 29 Aug 2018 5:37
 Operator : JU/SJ
 Sample : J4656-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-D-S

Quant Time: Aug 29 07:56:11 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

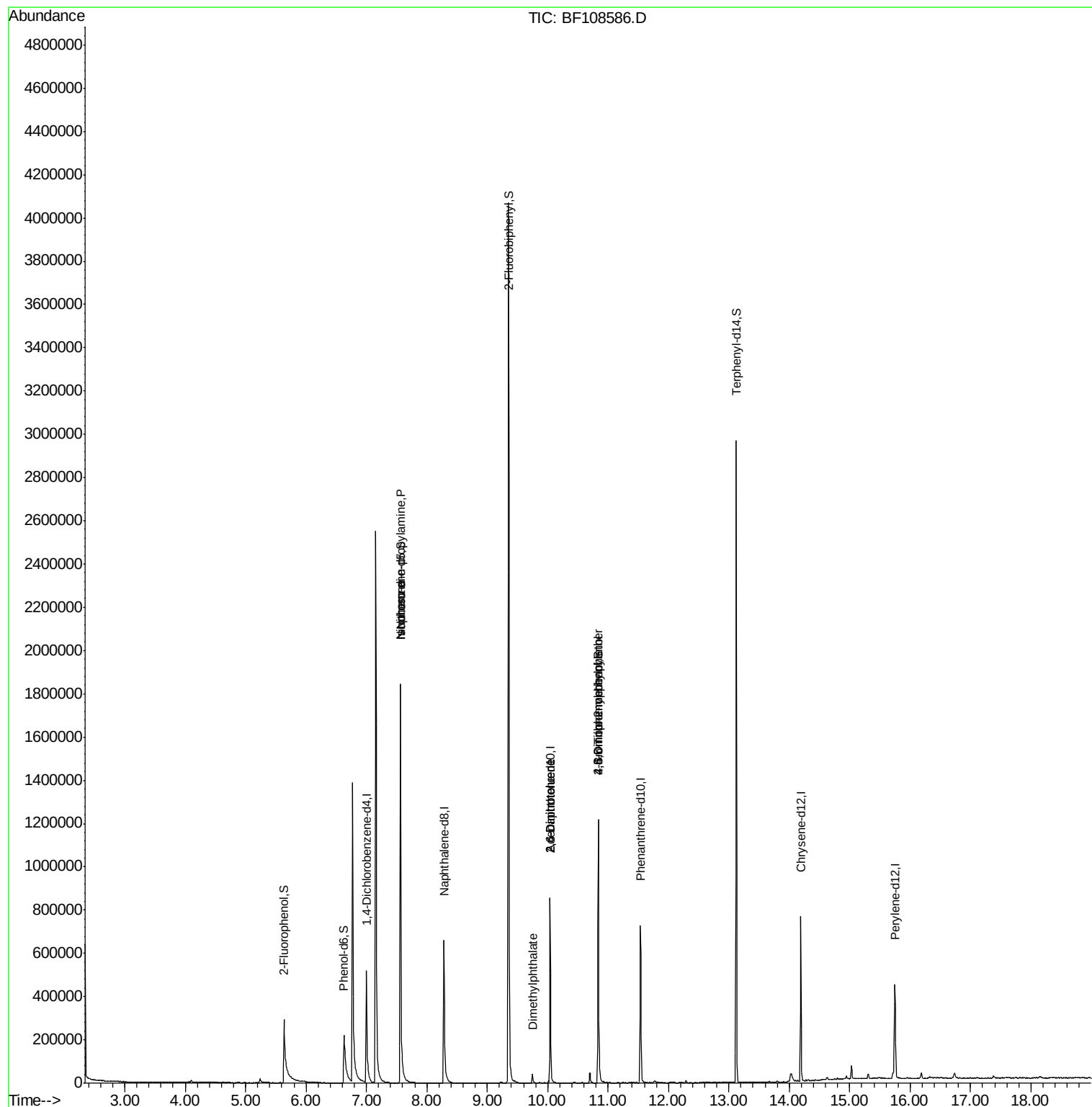
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	113613	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	418048	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	183313	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	300974	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	288261	20.00	ng	-0.01
86) Perylene-d12	15.75	264	227601	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	225794	35.98	ng	0.00
7) Phenol-d6	6.63	99	199887	23.97	ng	0.00
23) Nitrobenzene-d5	7.57	82	762111	101.73	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	163052	89.17	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1371807	120.14	ng	-0.01
78) Terphenyl-d14	13.12	244	1015525	89.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	101204	17.947	ng	# 81
25) Isophorone	7.57	82	762105	53.371	ng	# 64
49) Dimethylphthalate	9.75	163	26982	2.113	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	23188	8.680	ng	# 27
56) 2,4-Dinitrotoluene	10.04	165	23189	6.743	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	284	5.582	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10603	3.242	ng	# 1

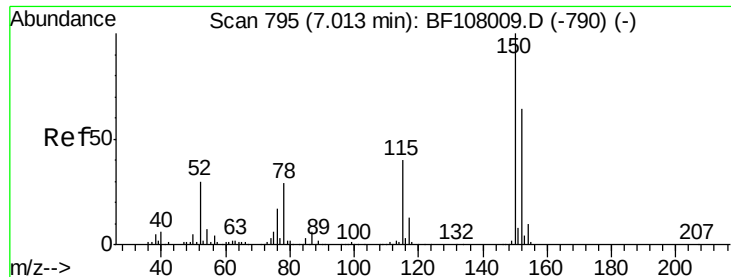
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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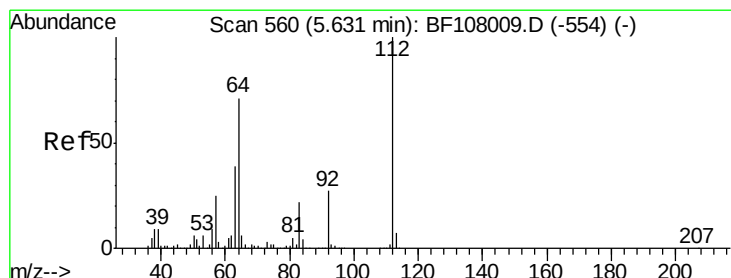
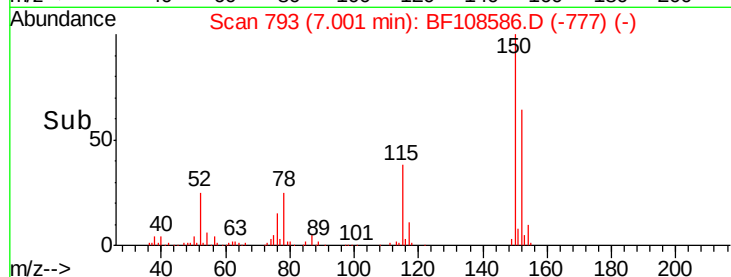
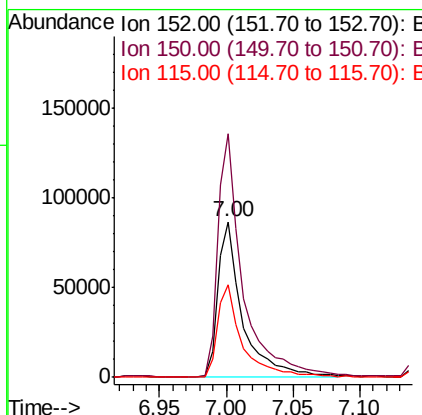
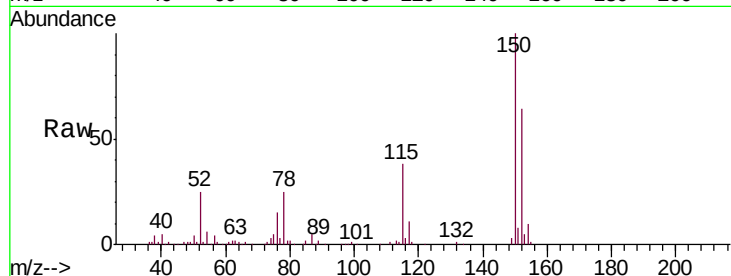


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-S

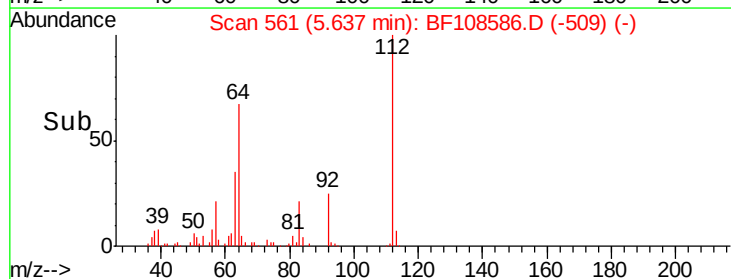
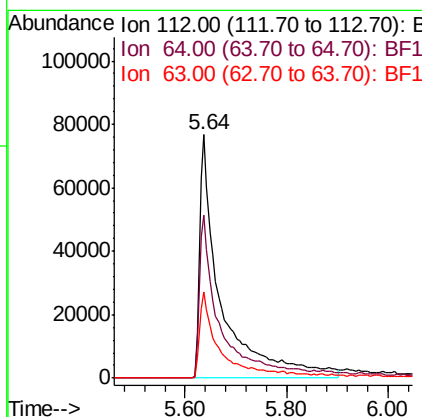
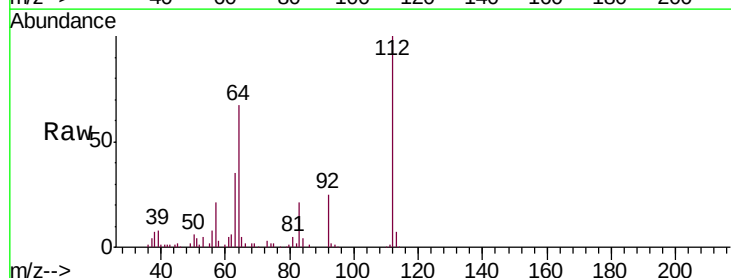
Tgt Ion:152 Resp: 113613
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.5 50.1 75.1

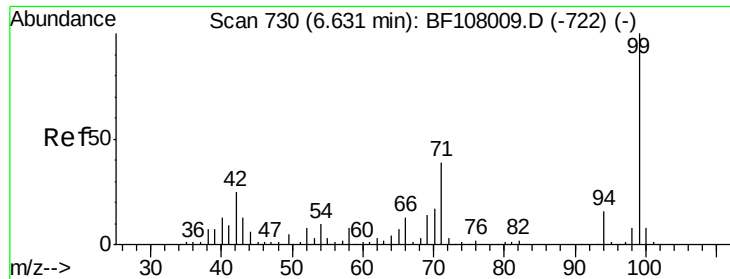


#5

2-Fluorophenol
Concen: 35.981 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

Tgt Ion:112 Resp: 225794
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 35.4 23.7 35.5





#7

Phenol-d6

Concen: 23.970 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-D-S

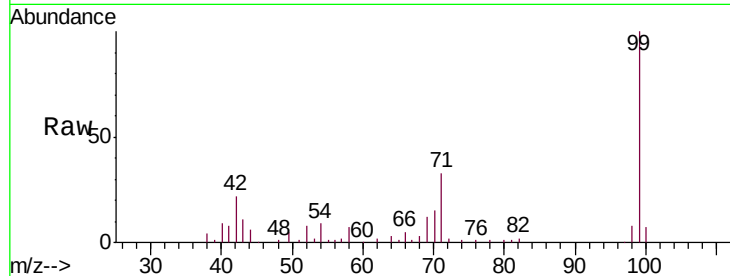
Tgt Ion: 99 Resp: 199887

Ion Ratio Lower Upper

99 100

42 22.4 14.5 21.7#

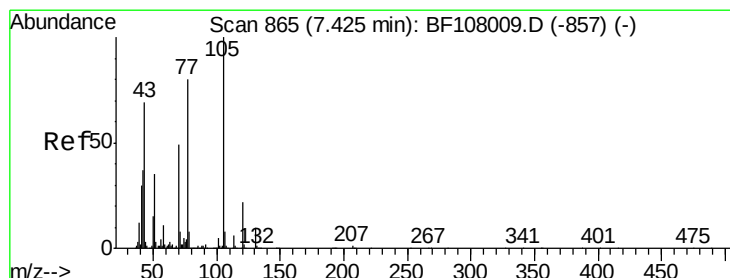
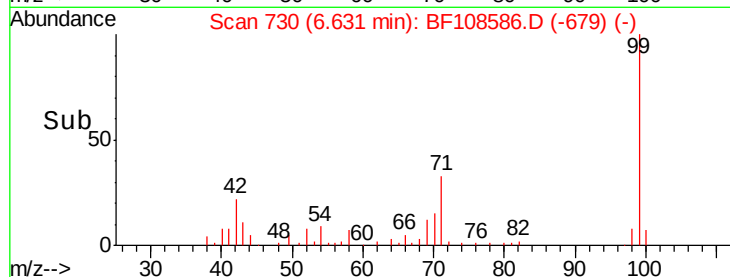
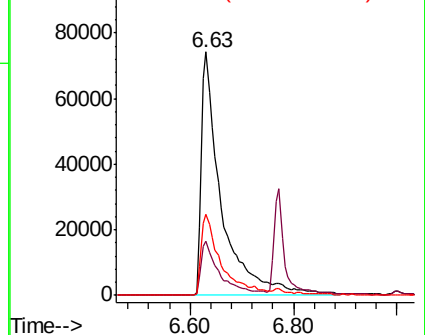
71 33.2 25.4 38.0



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: 17.947 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

Tgt Ion: 70 Resp: 101204

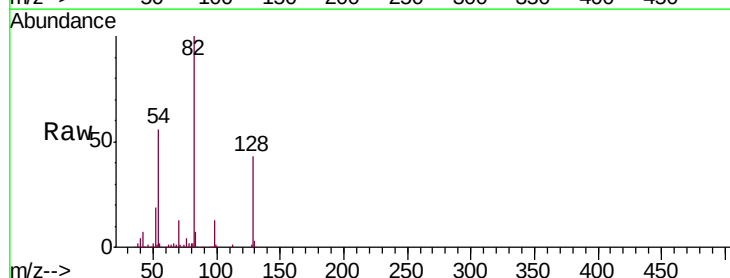
Ion Ratio Lower Upper

70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

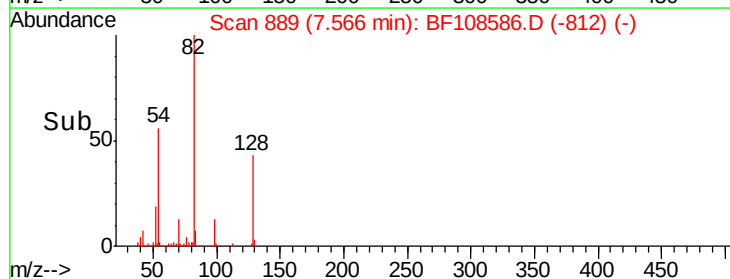
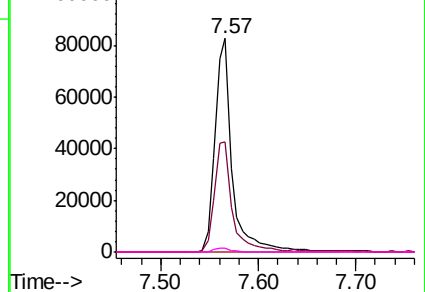


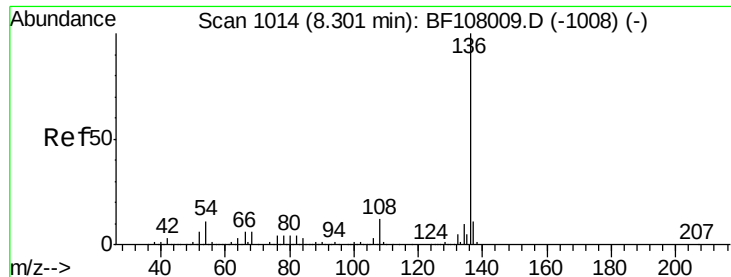
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

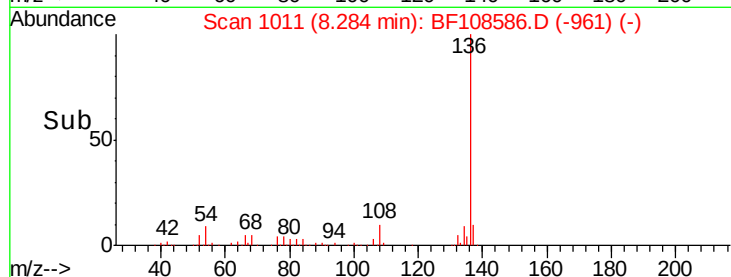
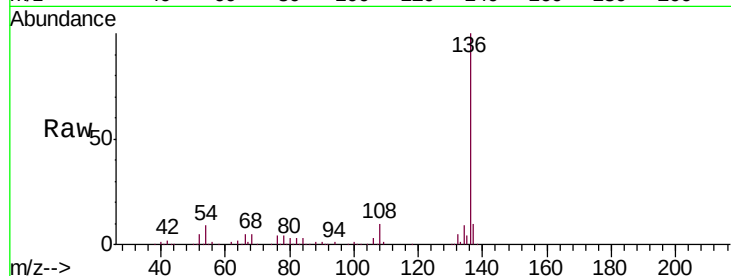




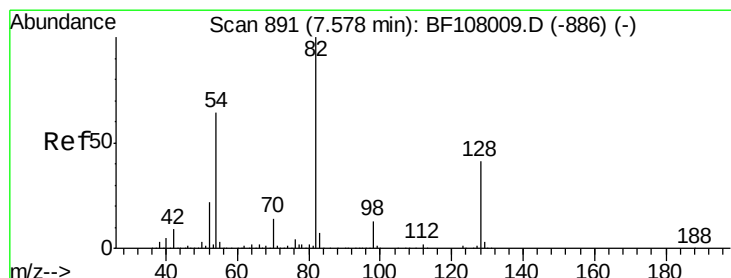
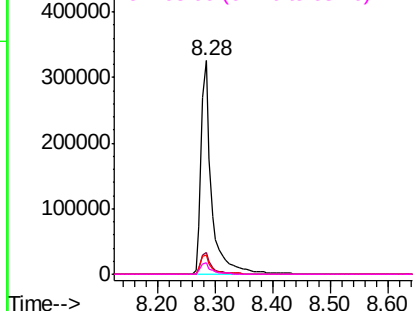
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

Instrument :
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ClientSampleId :
082418-DBRI-F-D-S

Tgt Ion:	136	Resp:	418048
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.7	6.6	9.8
68	5.4	5.0	7.4

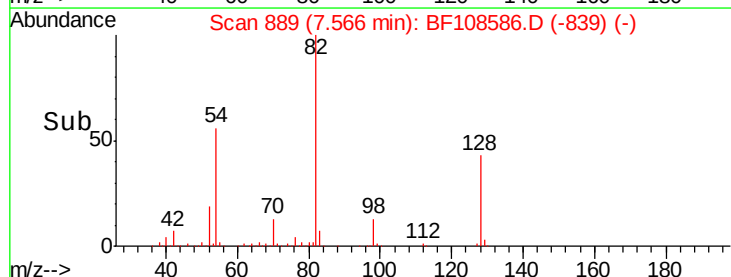
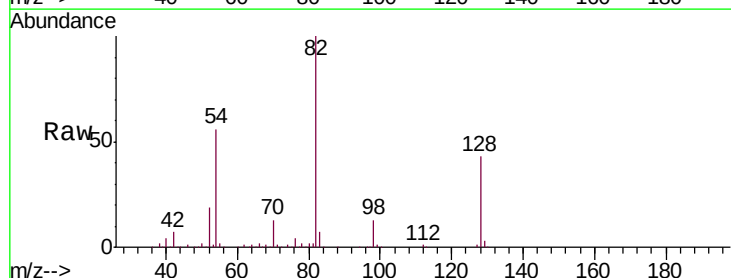


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

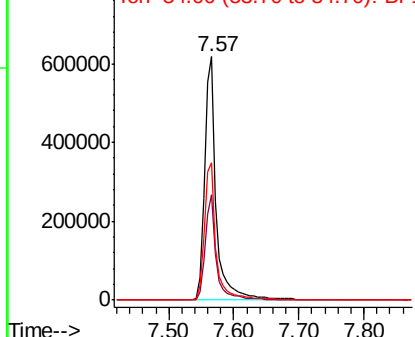


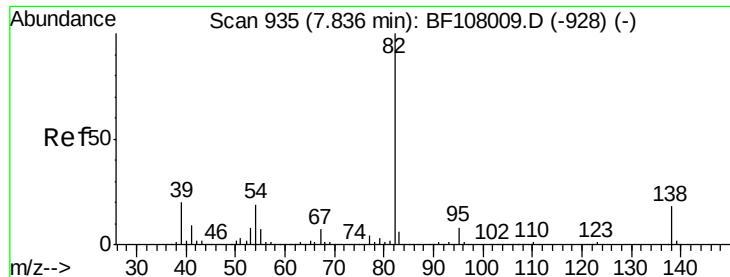
#23
Nitrobenzene-d5
Concen: 101.727 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

Tgt Ion:	82	Resp:	762111
Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	56.4	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: 53.371 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-D-S

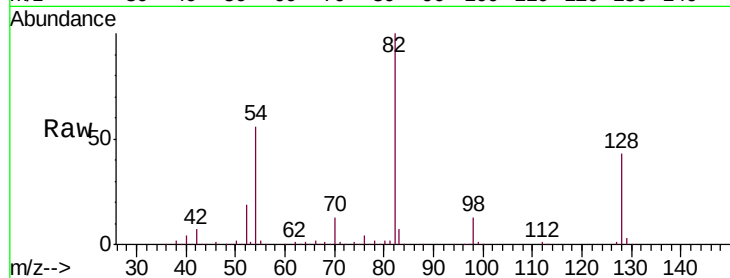
Tgt Ion: 82 Resp: 762105

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

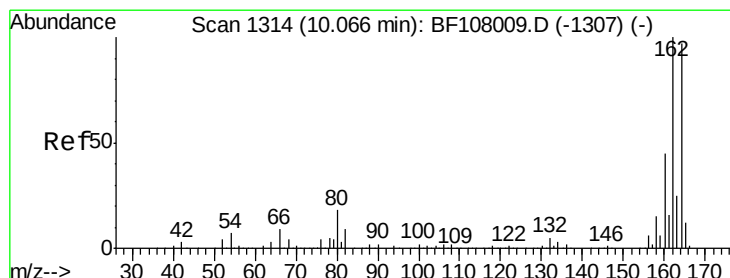
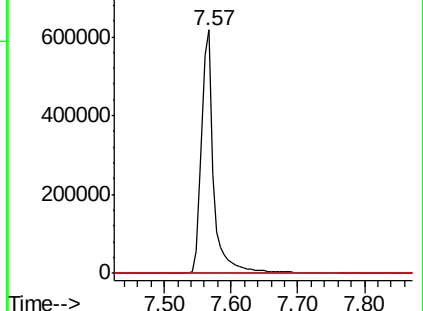
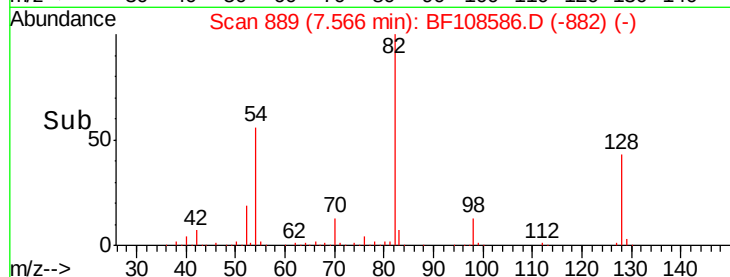
138 0.0 14.9 22.3#



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: BF108586.D

Acq: 29 Aug 2018 5:37

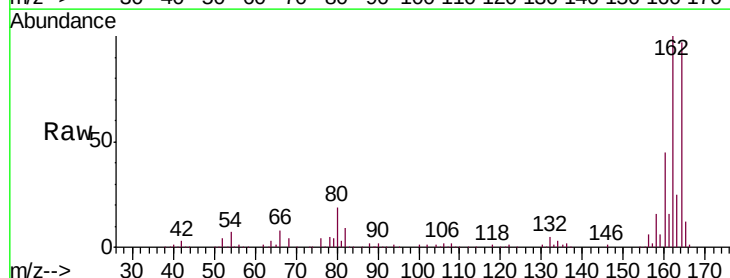
Tgt Ion: 164 Resp: 183313

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

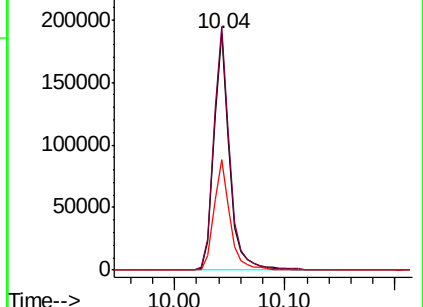
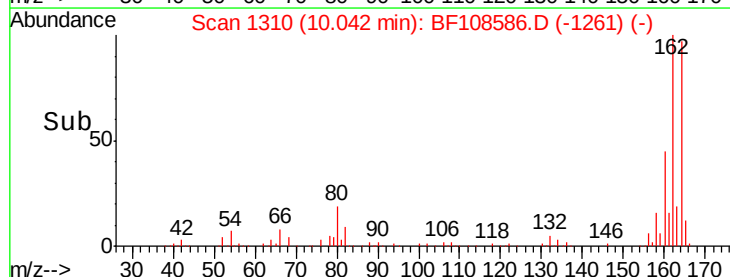
160 46.6 38.3 57.5

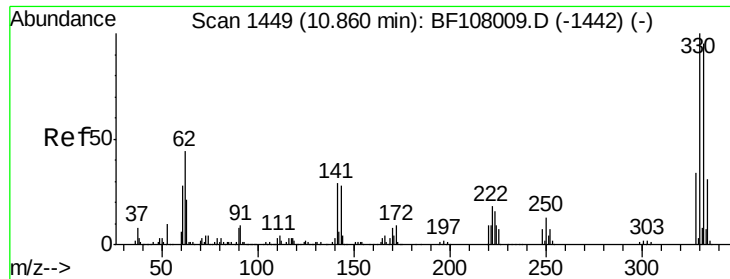


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

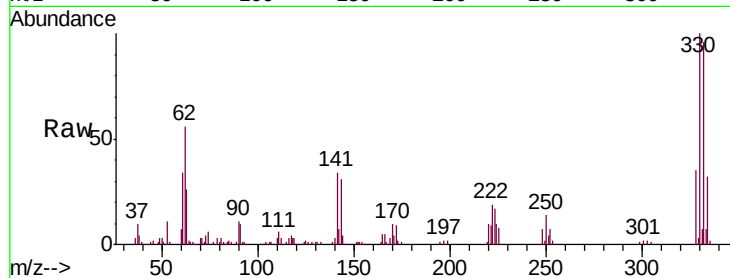




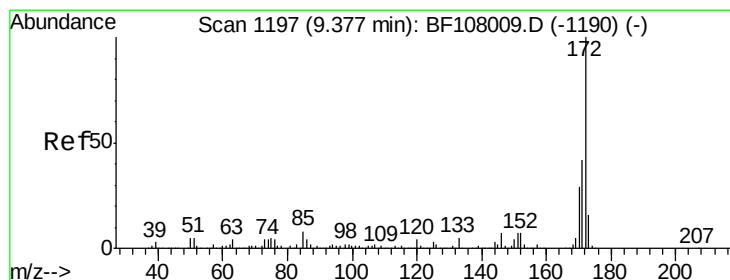
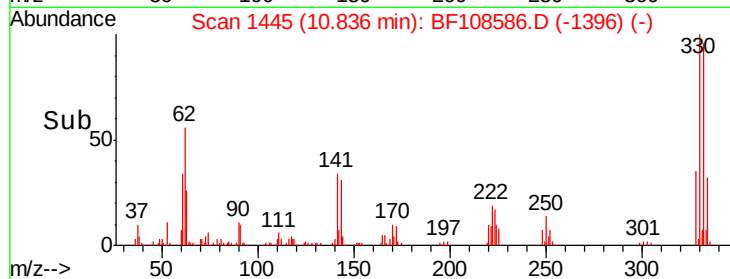
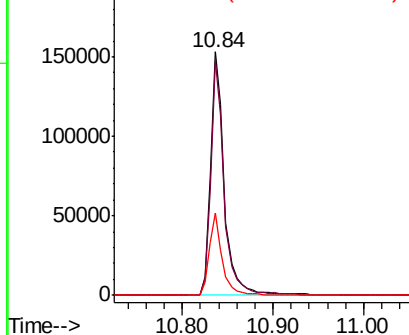
#41
 2,4,6-Tribromophenol
 Concen: 89.173 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

Instrument :
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Tgt Ion:330 Resp: 163052
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.2 29.9 44.9

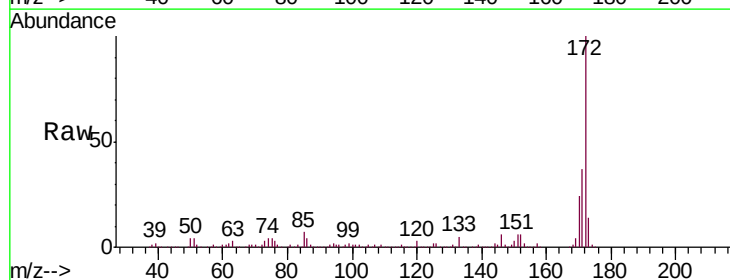


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

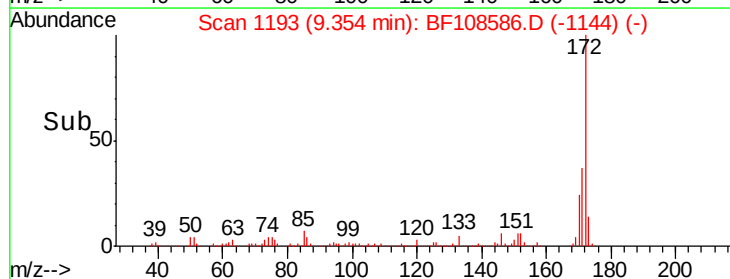
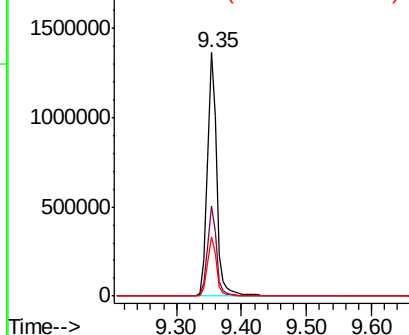


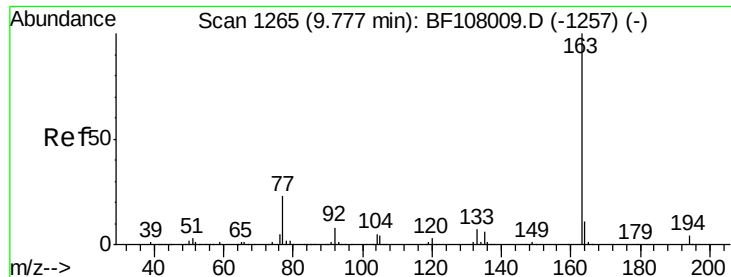
#44
 2-Fluorobiphenyl
 Concen: 120.144 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

Tgt Ion:172 Resp: 1371807
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.5 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

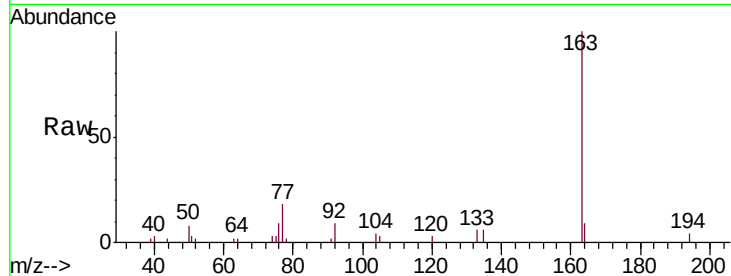




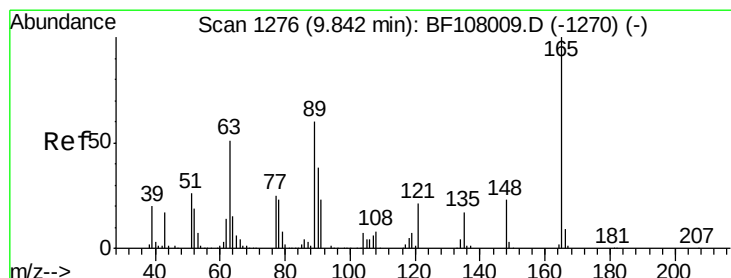
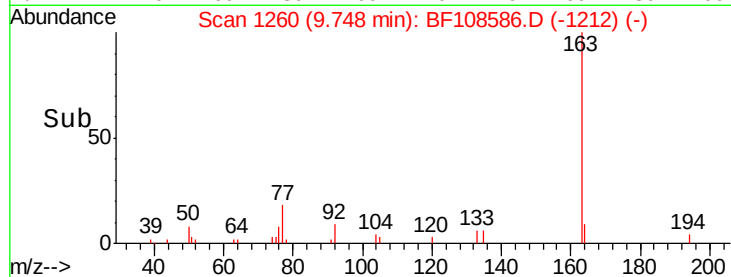
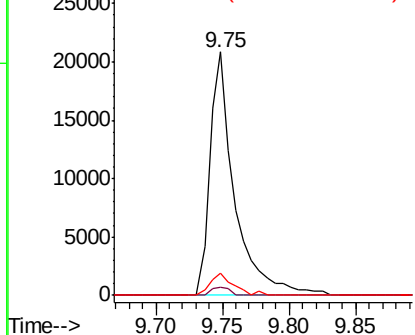
#49
 Dimethylphthalate
 Concen: 2.113 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-D-S

Tgt Ion:163 Resp: 26982
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 9.3 8.2 12.2

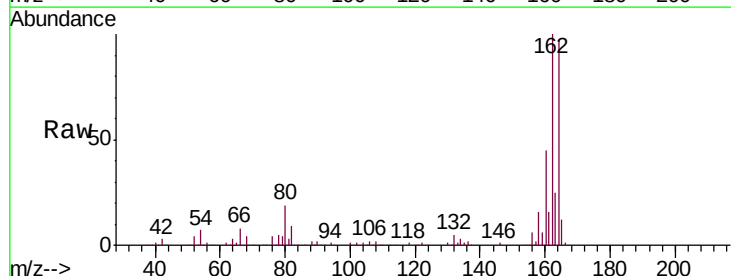


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

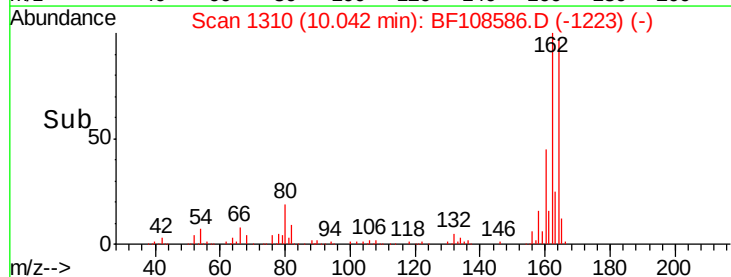
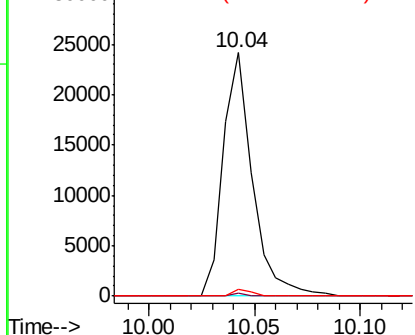


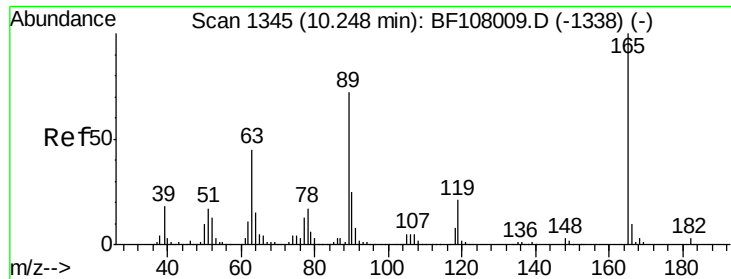
#50
 2,6-Dinitrotoluene
 Concen: 8.680 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

Tgt Ion:165 Resp: 23188
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 3.0 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

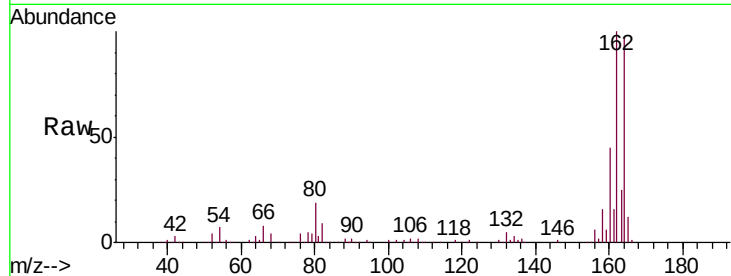




#56
 2,4-Dinitrotoluene
 Concen: 6.743 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

Instrument :
 BNA_F
 ClientSampleId :
 082418-DBRI-F-D-S

Tgt Ion:	165	Resp:	23189
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	3.0	57.8	86.6#
182	0.0	1.6	2.4#

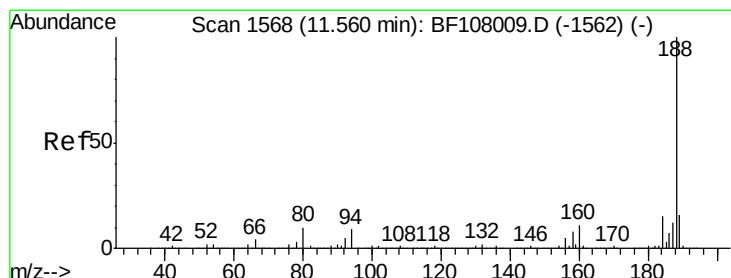
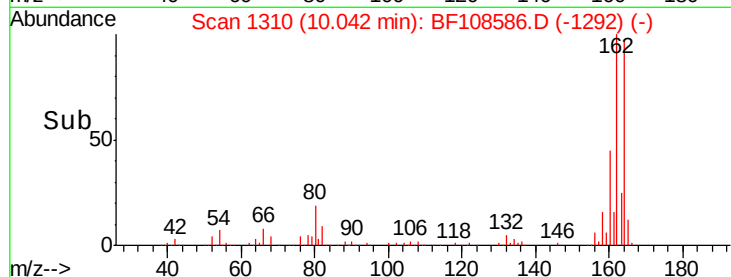
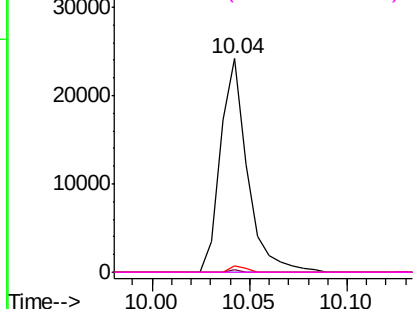


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

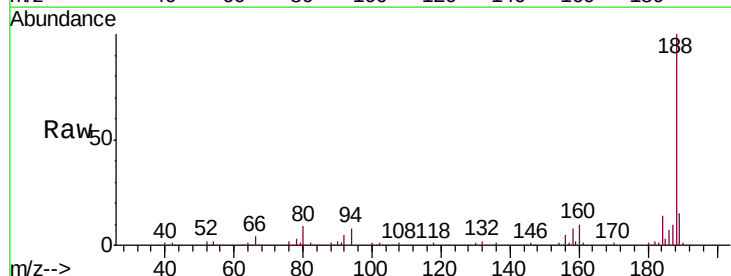
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108586.D
 Acq: 29 Aug 2018 5:37

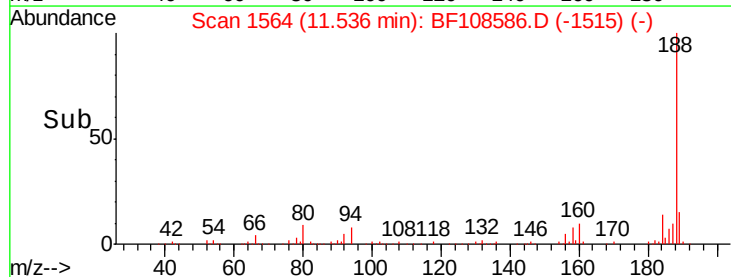
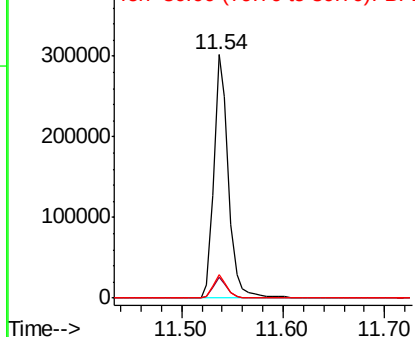
Tgt Ion:	188	Resp:	300974
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.5	9.2	13.8

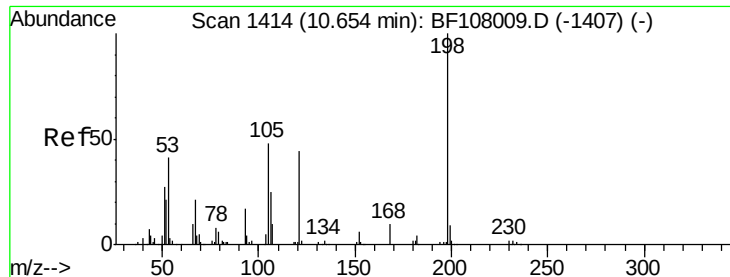


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.582 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-D-S

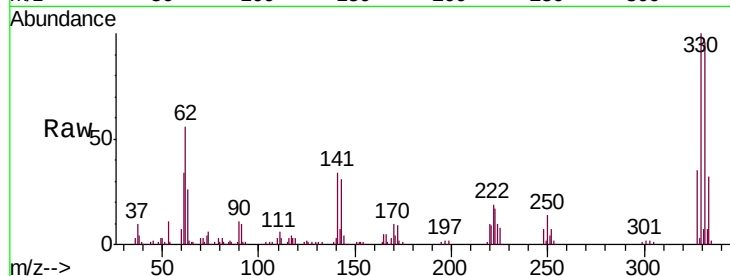
Tgt Ion:198 Resp: 284

Ion Ratio Lower Upper

198 100

51 166.9 37.7 77.7#

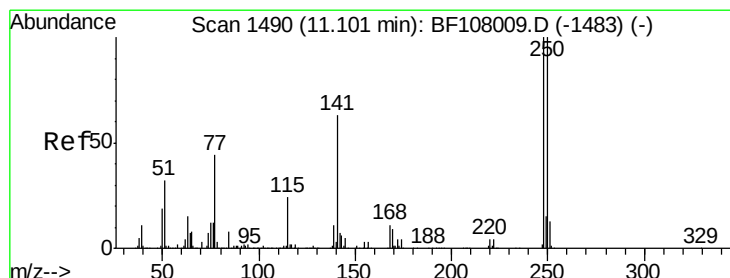
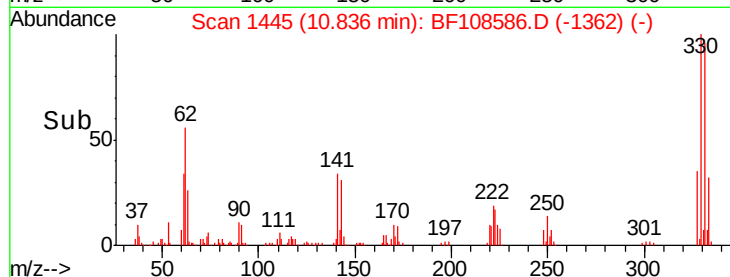
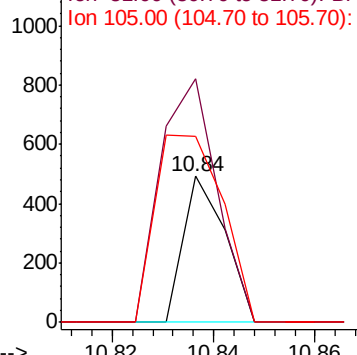
105 127.8 36.3 76.3#



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: 3.242 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

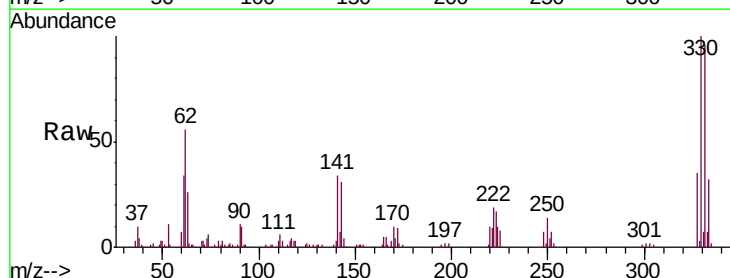
Tgt Ion:248 Resp: 10603

Ion Ratio Lower Upper

248 100

250 209.5 76.9 115.3#

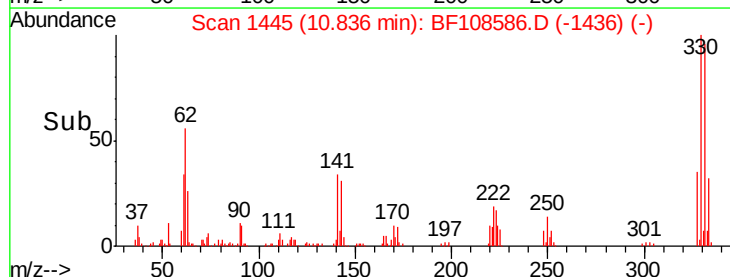
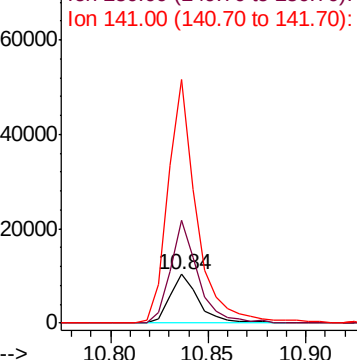
141 497.9 74.4 111.6#

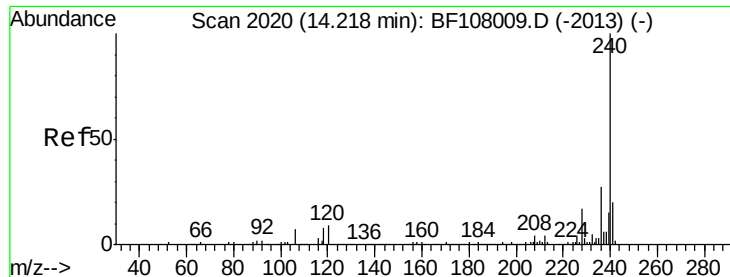


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

Instrument :

BNA_F

ClientSampleId :

082418-DBRI-F-D-S

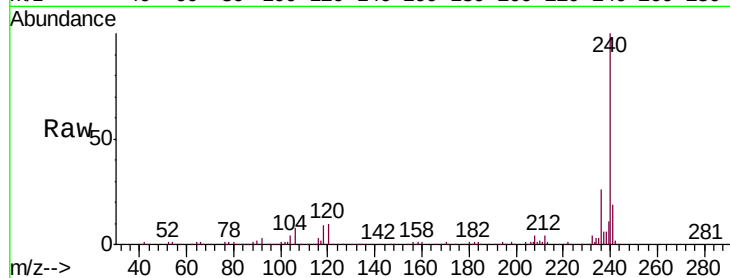
Tgt Ion:240 Resp: 288261

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

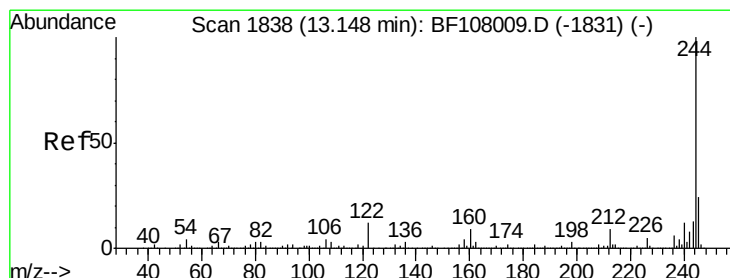
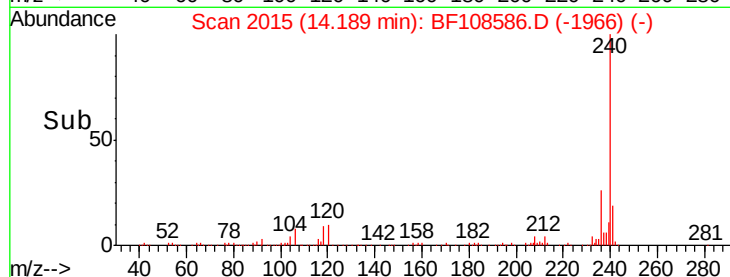
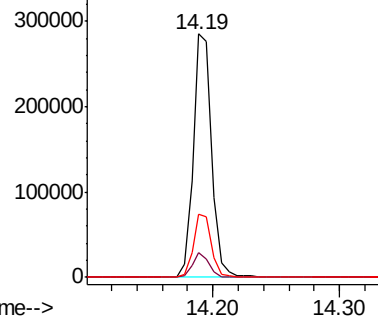
236 25.7 20.7 31.1



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: 89.573 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108586.D

Acq: 29 Aug 2018 5:37

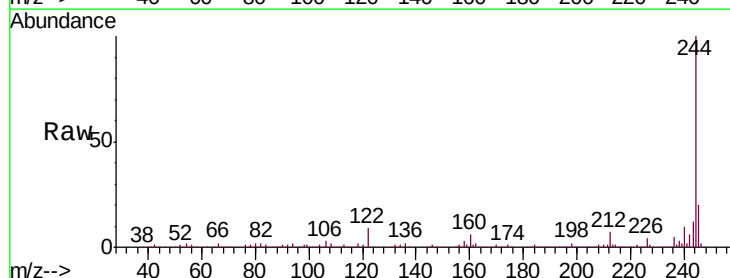
Tgt Ion:244 Resp: 1015525

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

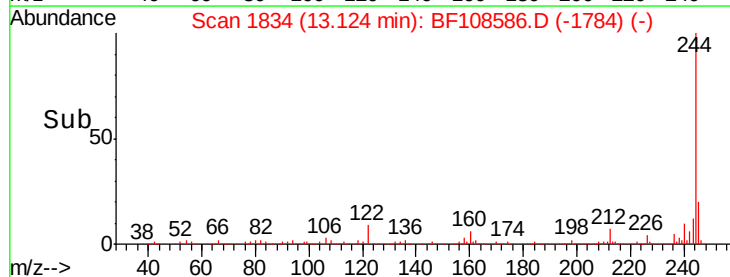
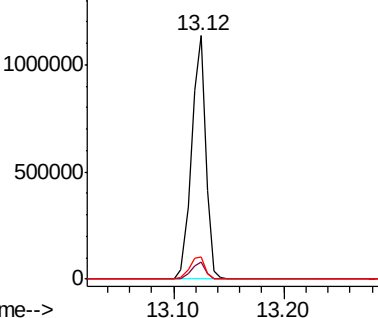
122 9.0 11.0 16.4

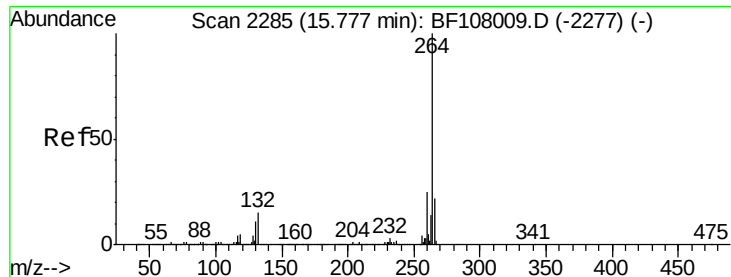


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108586.D
Acq: 29 Aug 2018 5:37

Instrument :
BNA_F
ClientSampleId :
082418-DBRI-F-D-S

Tgt Ion:	264	Resp:	227601
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3

