

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108622.D
 Acq On : 30 Aug 2018 00:15
 Operator : JU/SJ
 Sample : J4683-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-U-M

Quant Time: Aug 30 01:11:42 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

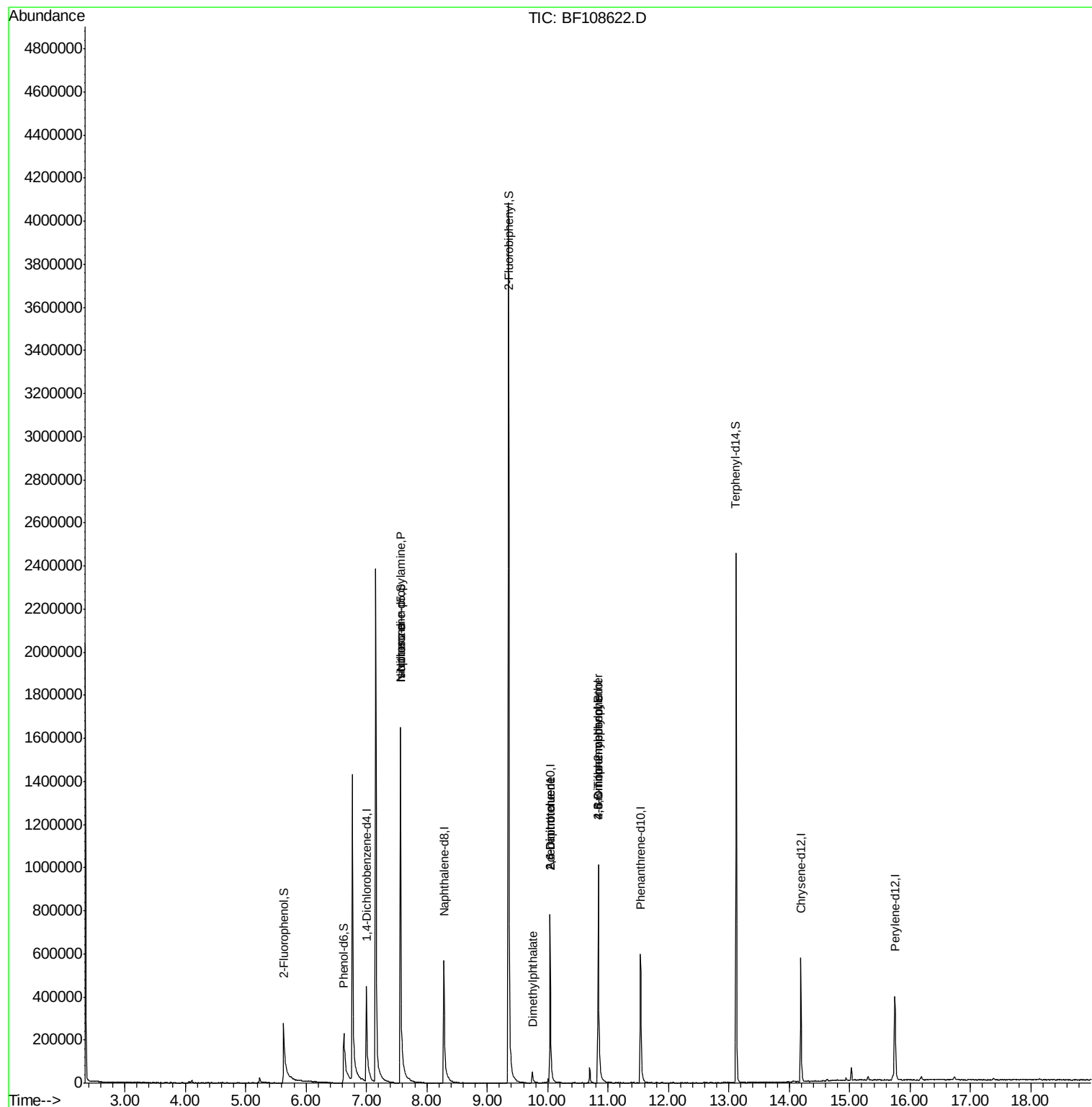
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	113387	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	431618	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	193770	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	307738	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	249332	20.00	ng	-0.01
86) Perylene-d12	15.75	264	242218	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	193622	30.92	ng	0.00
7) Phenol-d6	6.62	99	196226	23.58	ng	0.00
23) Nitrobenzene-d5	7.57	82	782330	101.14	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	177018	91.59	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1475475	122.25	ng	-0.01
78) Terphenyl-d14	13.12	244	970148	98.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	102075	18.137	ng	# 83
25) Isophorone	7.57	82	782326	53.064	ng	# 64
49) Dimethylphthalate	9.75	163	42762	3.168	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	23948	8.480	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	24060	6.619	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	272	5.568	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11710	3.501	ng	# 1

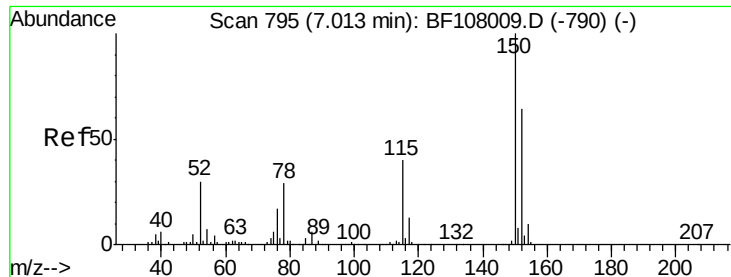
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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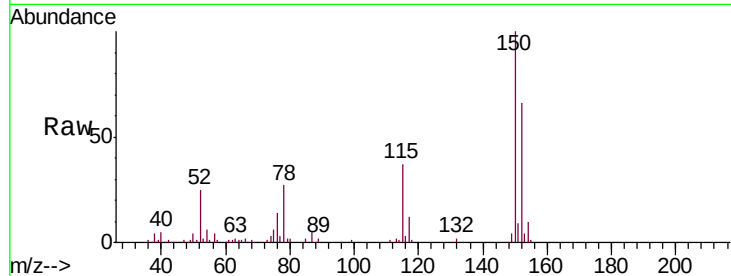


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108622.D
Acq: 30 Aug 2018 00:15

Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-U-M

Tgt Ion	Resp	Lower	Upper
152	113387		
150	151.4	124.6	186.8
115	56.0	50.1	75.1

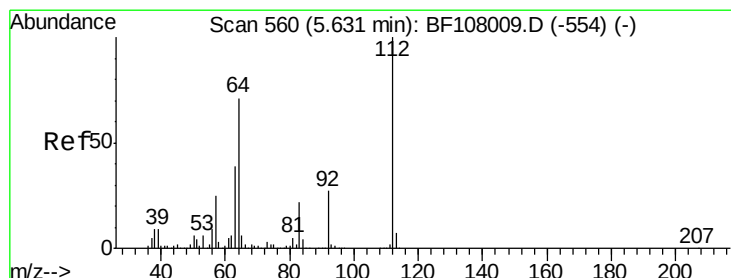
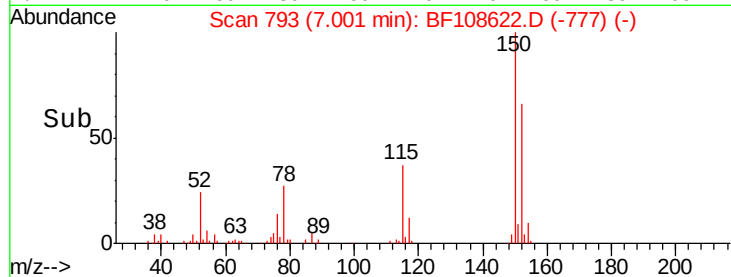
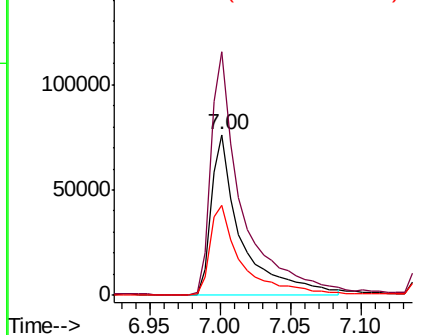


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

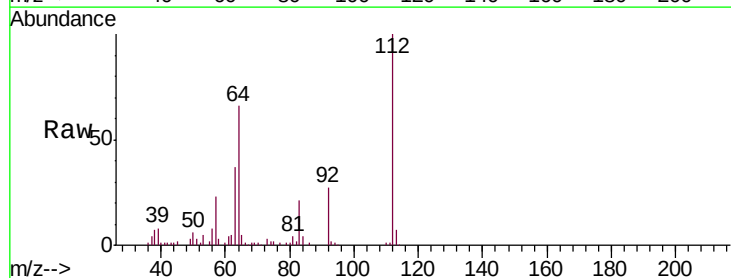
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 30.916 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108622.D
Acq: 30 Aug 2018 00:15

Tgt Ion	Resp	Lower	Upper
112	193622		
64	66.2	47.9	71.9
63	37.2	23.7	35.5#

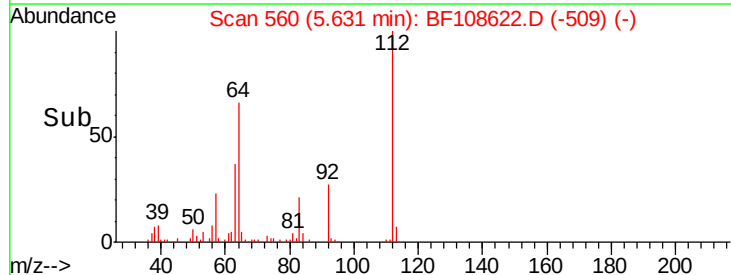
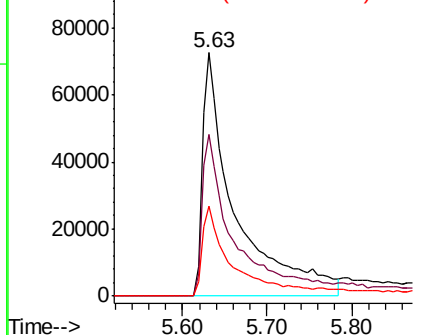


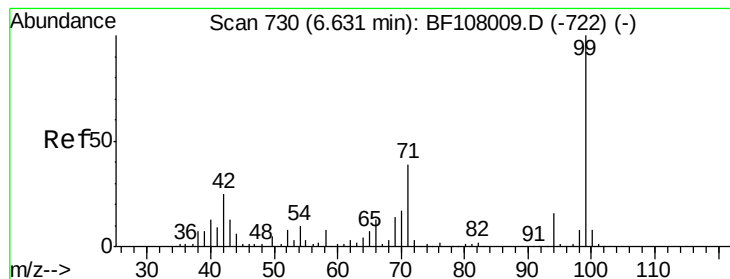
Abundance

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: 23.578 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108622.D

Acq: 30 Aug 2018 00:15

Instrument :

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ClientSampleId :

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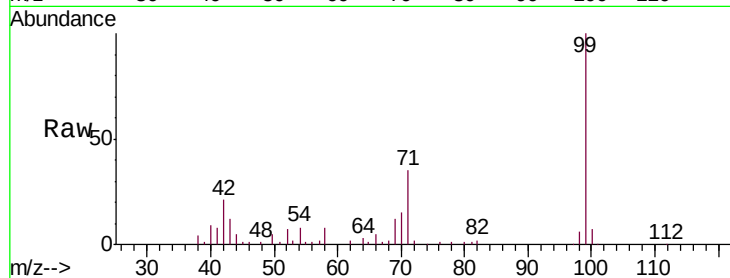
Tgt Ion: 99 Resp: 196226

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

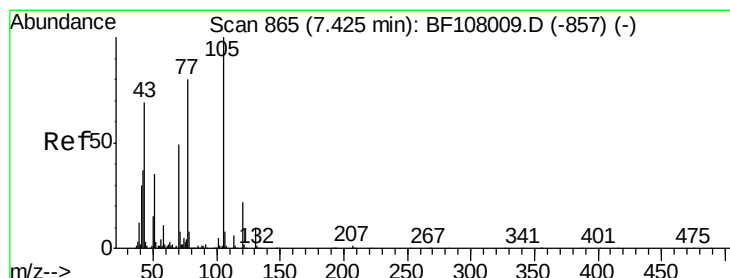
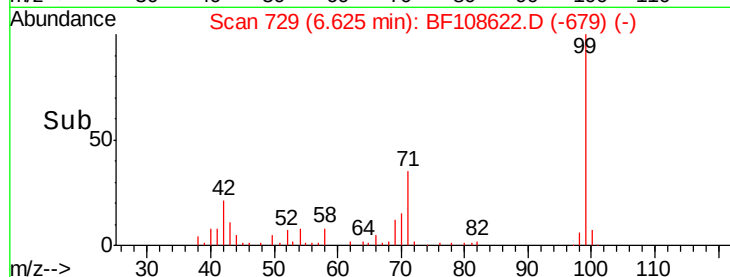
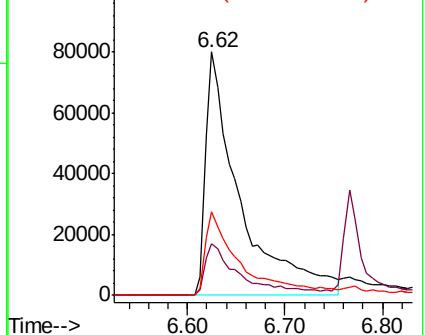
71 34.6 25.4 38.0



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: 18.137 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108622.D

Acq: 30 Aug 2018 00:15

Tgt Ion: 70 Resp: 102075

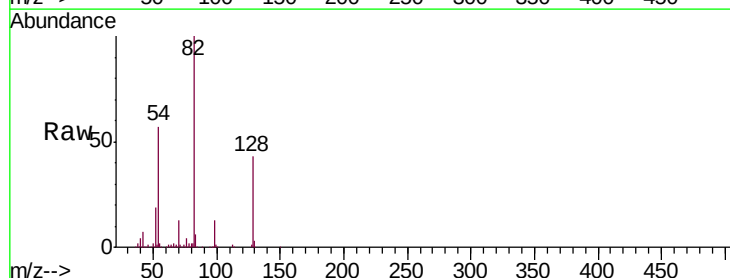
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

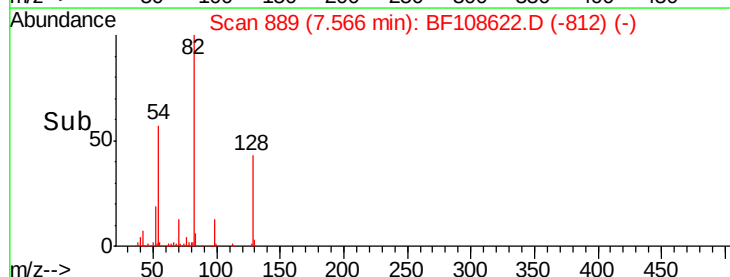
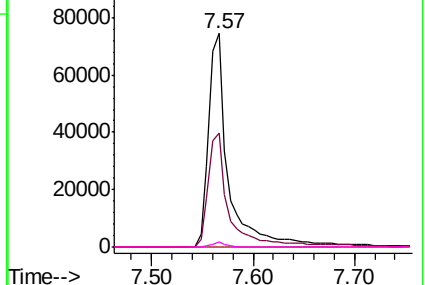


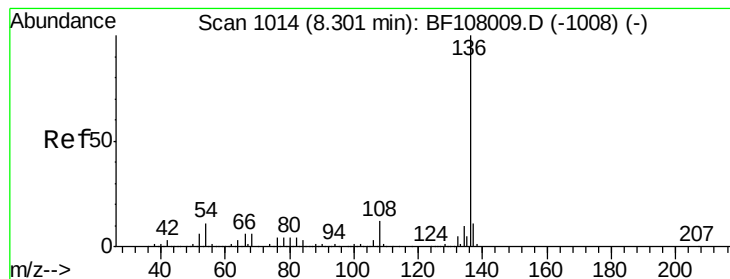
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF108622.D

Acq: 30 Aug 2018 00:15

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-M

Tgt Ion: 136 Resp: 431618

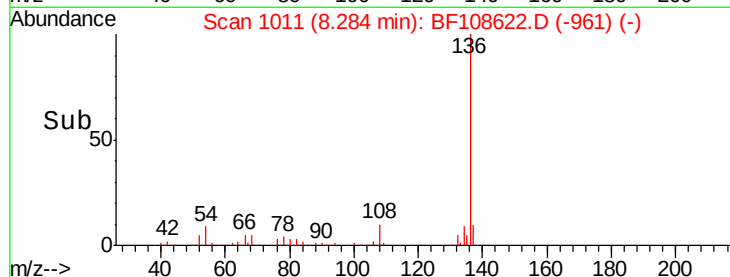
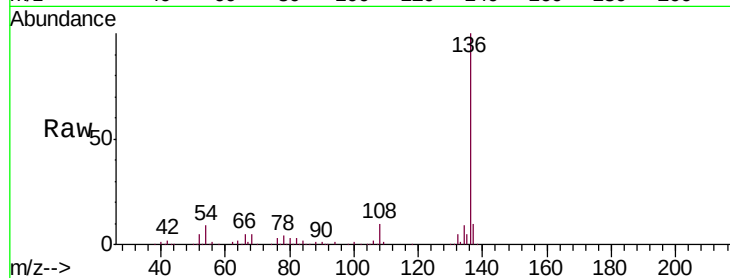
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 9.4 6.6 9.8

68 5.1 5.0 7.4

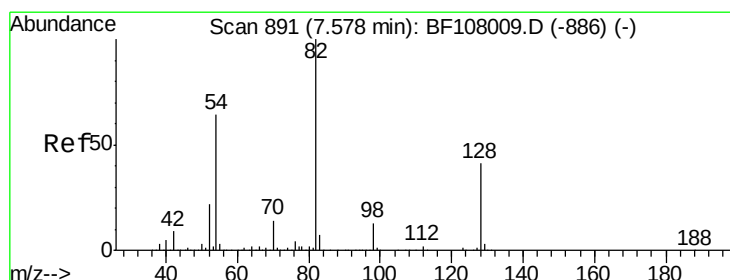
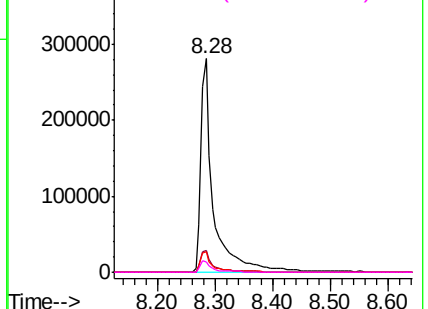


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.143 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108622.D

Acq: 30 Aug 2018 00:15

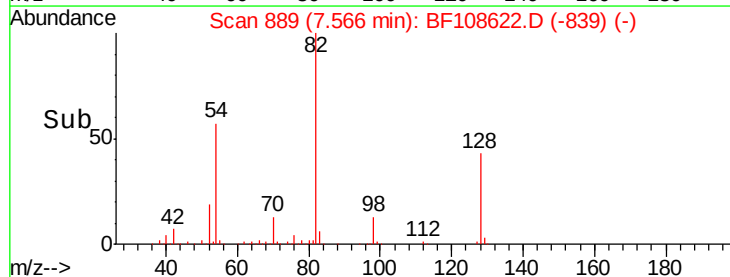
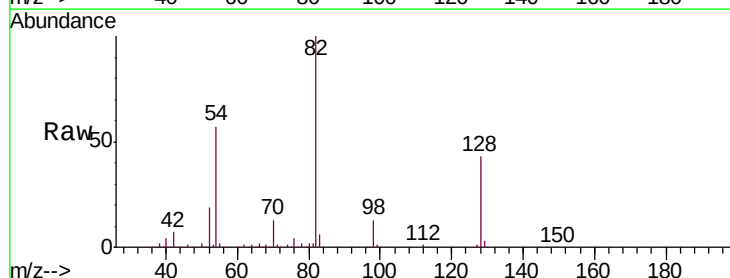
Tgt Ion: 82 Resp: 782330

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

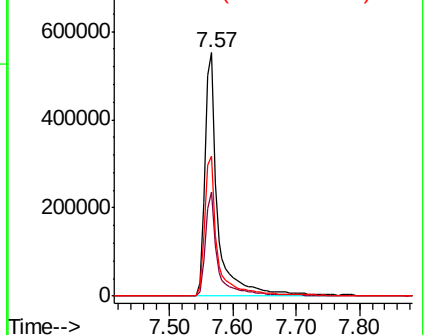
54 57.3 41.4 62.2

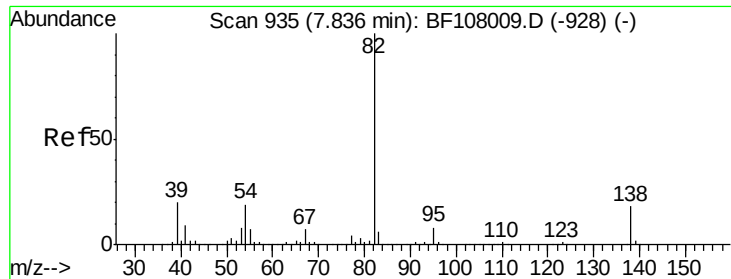


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

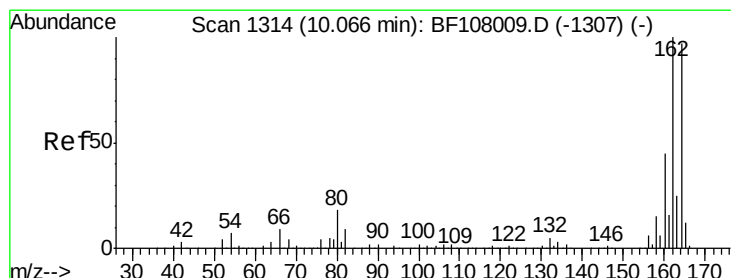
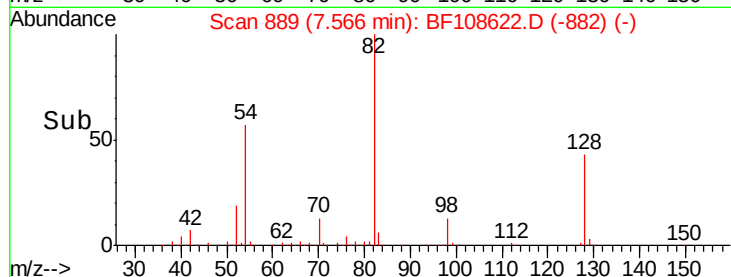
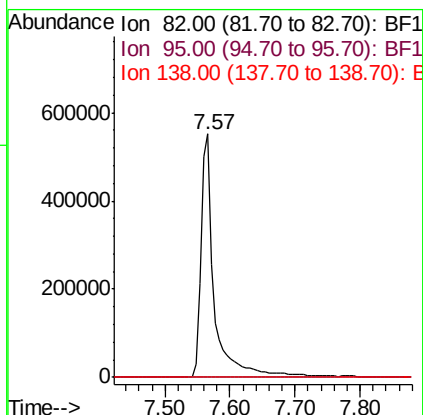
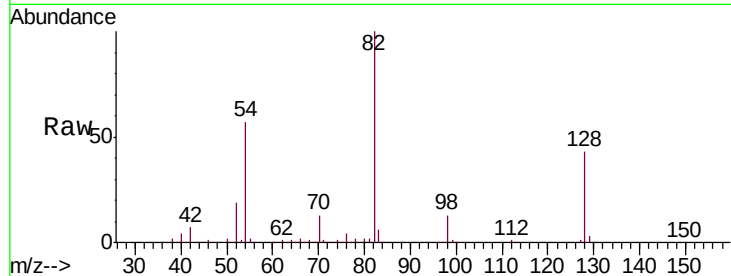




#25
Isophorone
Concen: 53.064 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108622.D
Acq: 30 Aug 2018 00:15

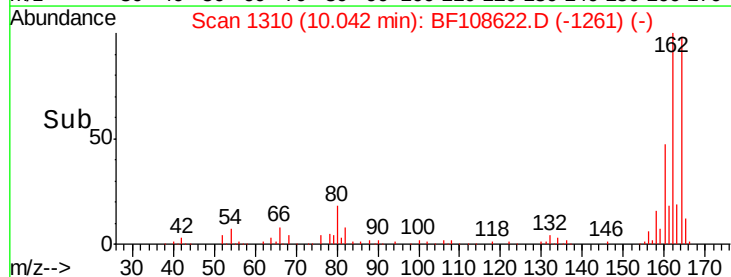
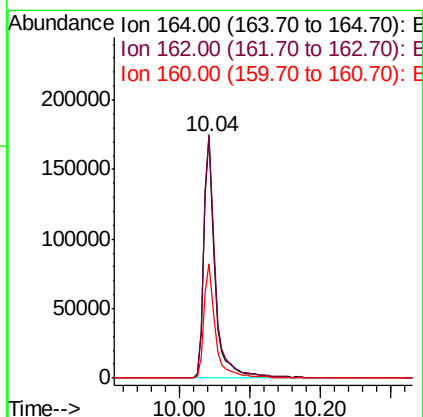
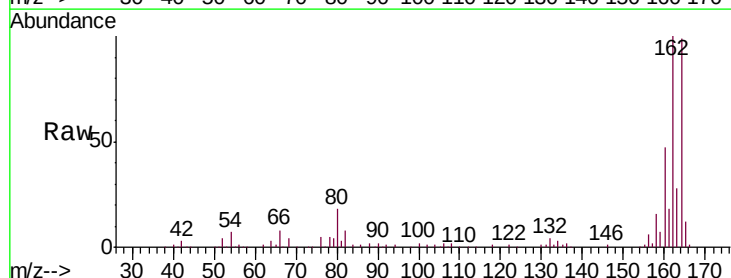
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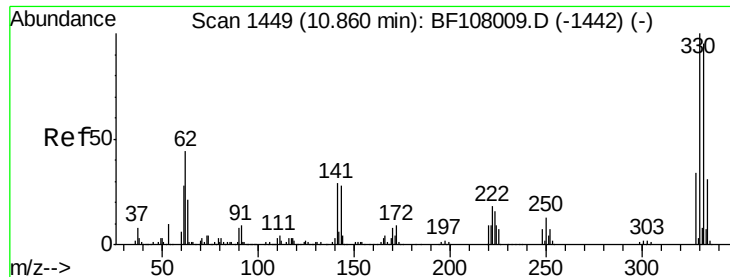
Tgt Ion: 82 Resp: 782326
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108622.D
Acq: 30 Aug 2018 00:15

Tgt Ion: 164 Resp: 193770
Ion Ratio Lower Upper
164 100
162 100.7 86.1 129.1
160 47.2 38.3 57.5

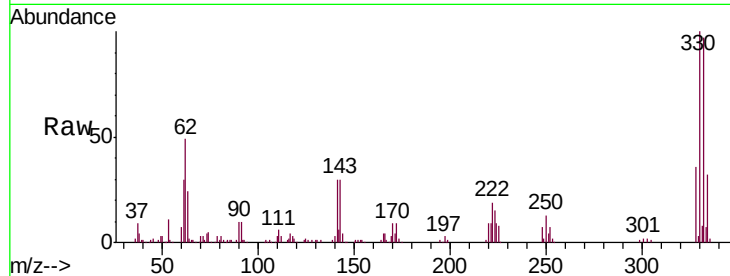




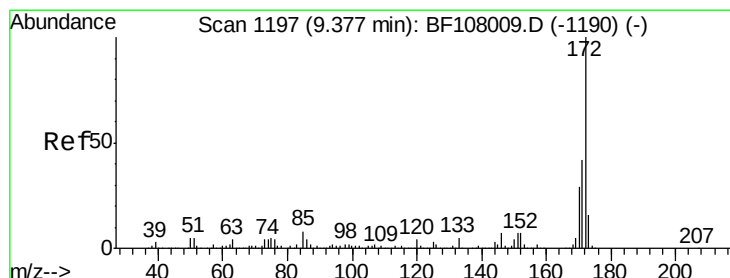
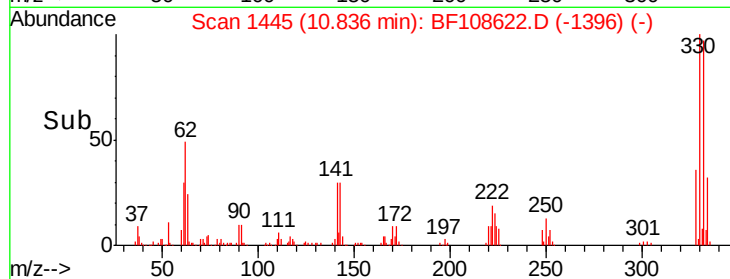
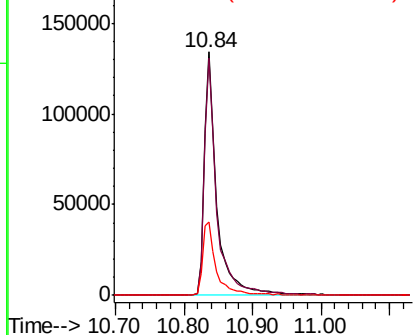
#41
 2,4,6-Tribromophenol
 Concen: 91.586 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108622.D
 Acq: 30 Aug 2018 00:15

Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-U-M

Tgt Ion:330 Resp: 177018
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 32.5 29.9 44.9

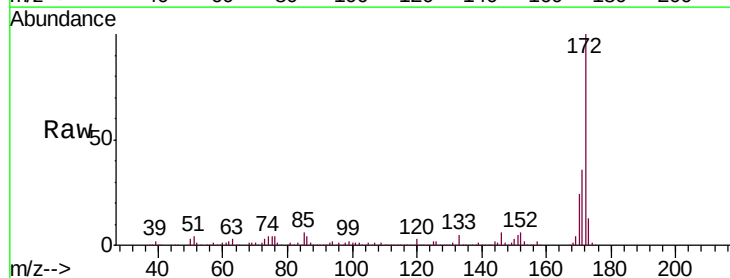


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

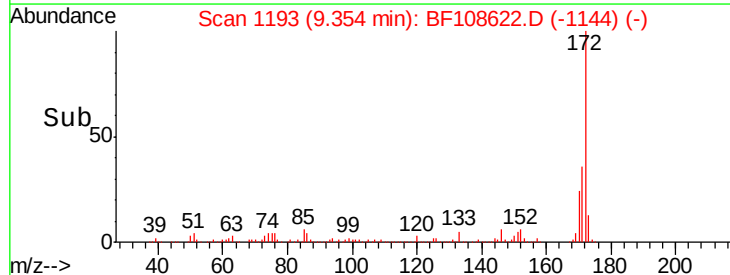
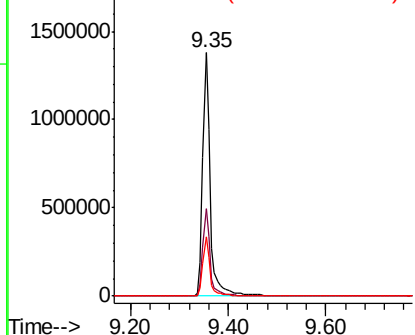


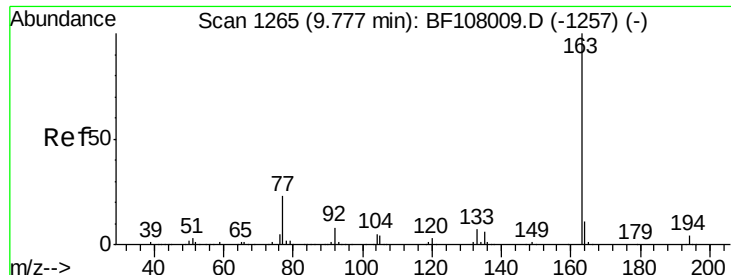
#44
 2-Fluorobiphenyl
 Concen: 122.250 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108622.D
 Acq: 30 Aug 2018 00:15

Tgt Ion:172 Resp: 1475475
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

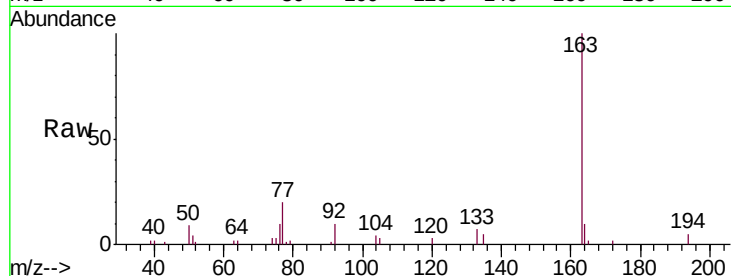




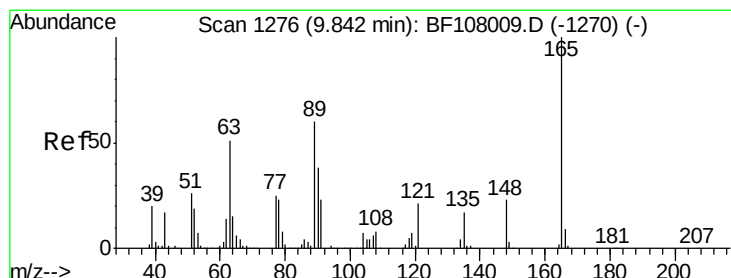
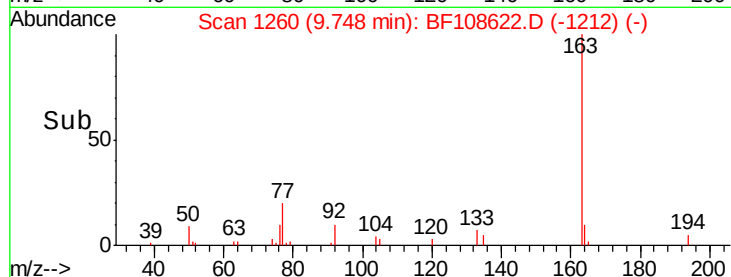
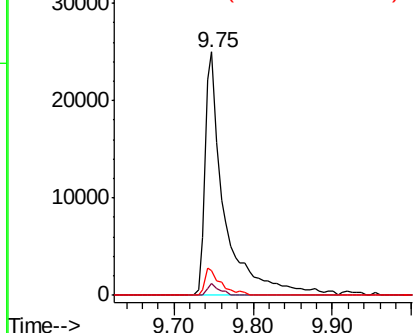
#49
Dimethylphthalate
Concen: 3.168 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108622.D
Acq: 30 Aug 2018 00:15

Instrument :
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Tgt Ion:163 Resp: 42762
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 10.0 8.2 12.2

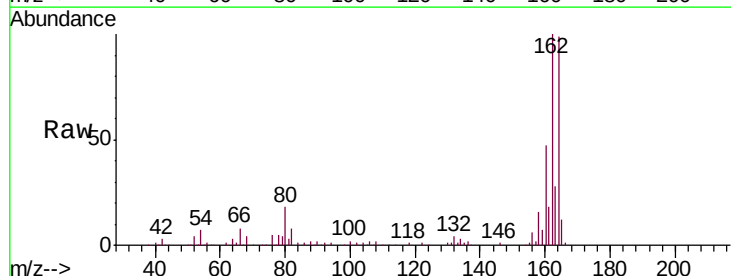


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

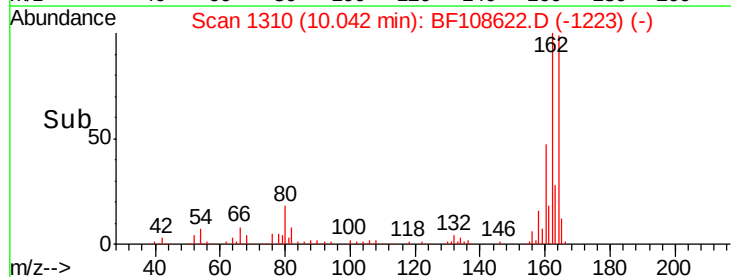
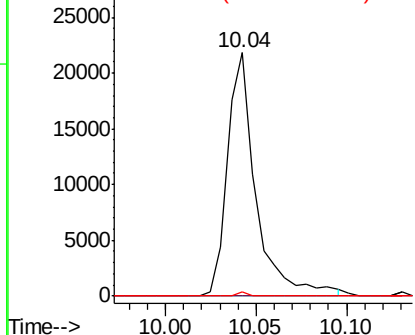


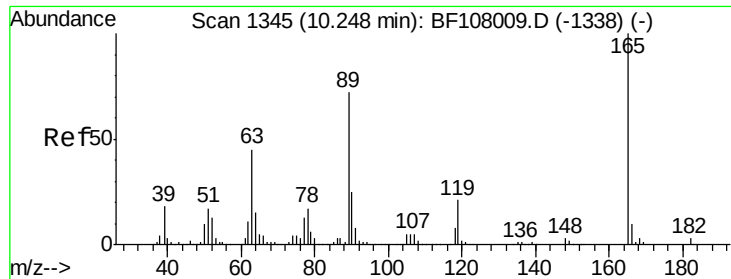
#50
2,6-Dinitrotoluene
Concen: 8.480 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108622.D
Acq: 30 Aug 2018 00:15

Tgt Ion:165 Resp: 23948
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.7 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

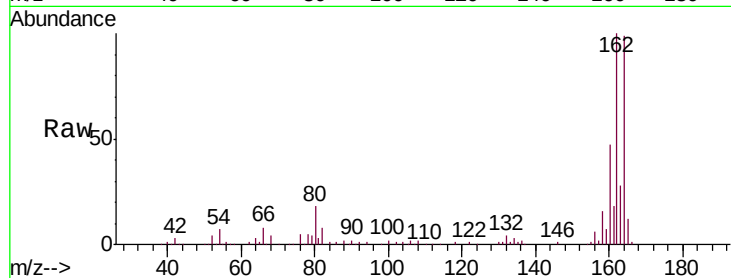




#56
 2,4-Dinitrotoluene
 Concen: 6.619 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108622.D
 Acq: 30 Aug 2018 00:15

Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-U-M

Tgt Ion:	165	Resp:	24060
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

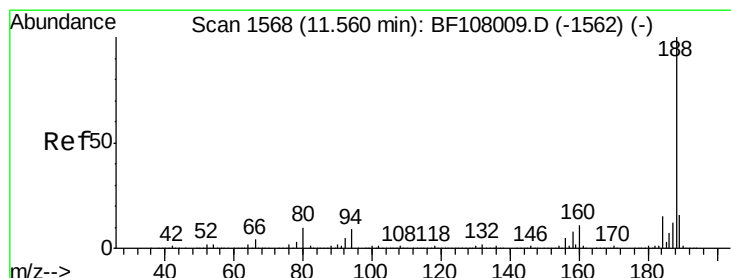
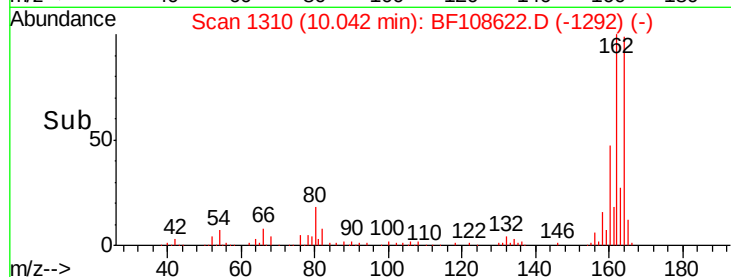
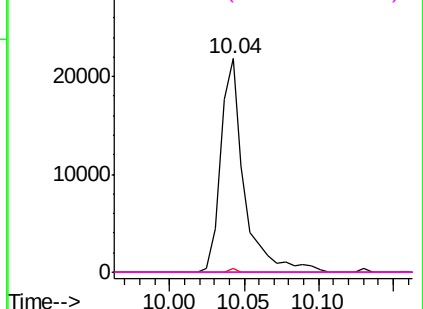


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

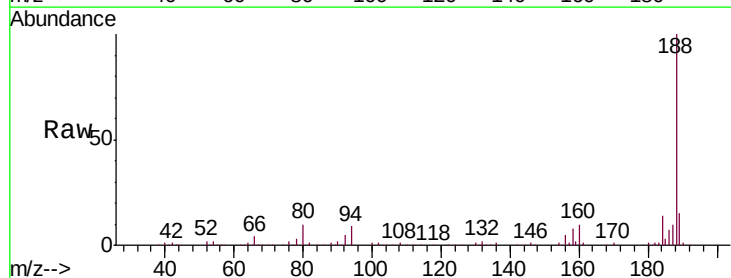
Ion 89.00 (88.70 to 89.70): BF1

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: BF108622.D
 Acq: 30 Aug 2018 00:15

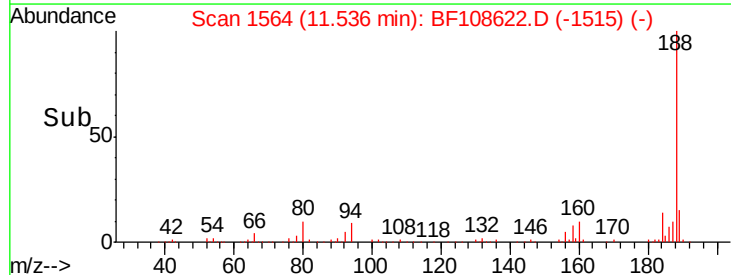
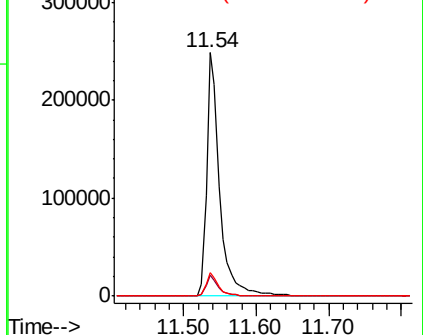
Tgt Ion:	188	Resp:	307738
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.5	12.7
80	9.8	9.2	13.8

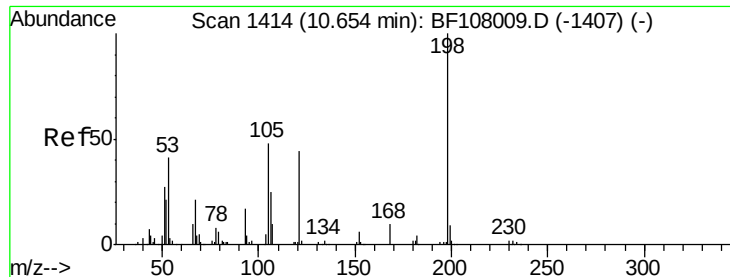


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.568 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108622.D

Acq: 30 Aug 2018 00:15

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-M

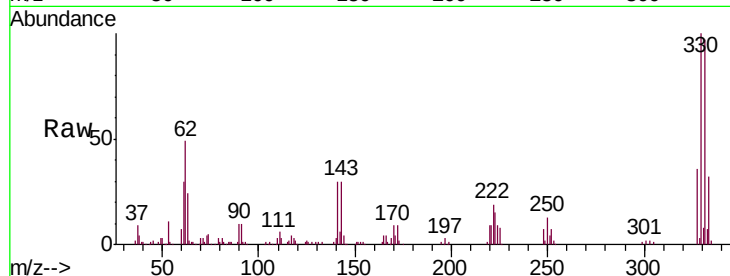
Tgt Ion:198 Resp: 272

Ion Ratio Lower Upper

198 100

51 140.1 37.7 77.7#

105 119.7 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

800

600

400

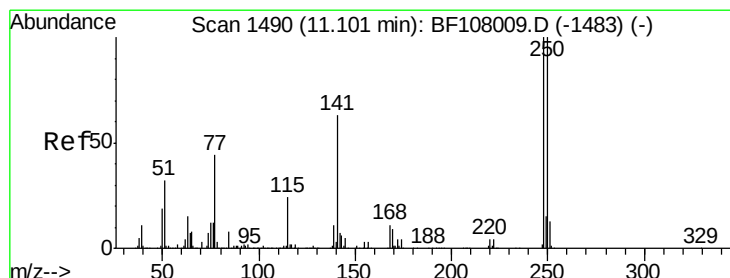
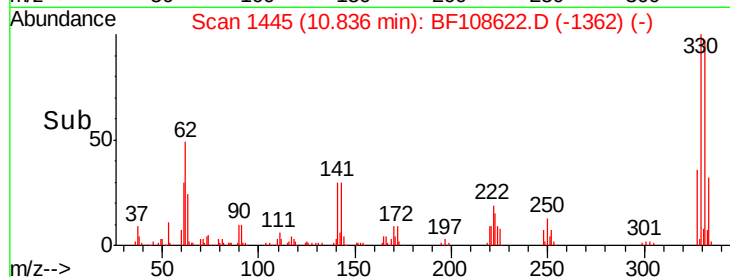
200

0

10.82

10.84

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.501 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108622.D

Acq: 30 Aug 2018 00:15

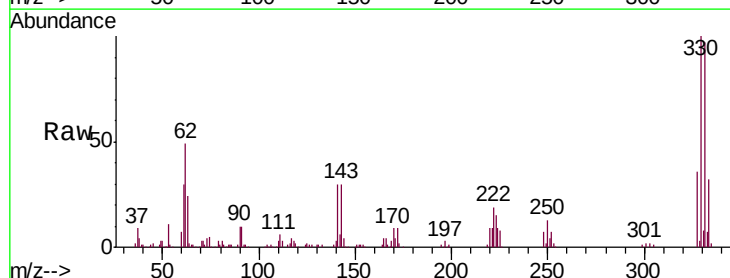
Tgt Ion:248 Resp: 11710

Ion Ratio Lower Upper

248 100

250 185.9 76.9 115.3#

141 428.5 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

50000

40000

30000

20000

10000

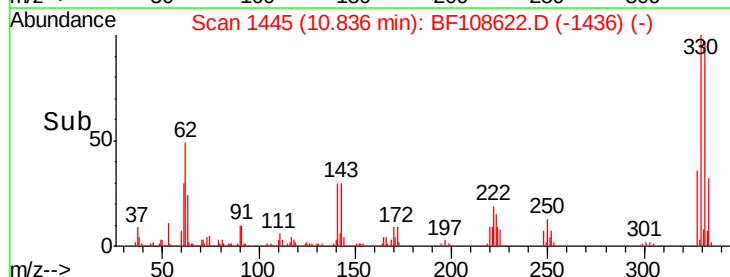
0

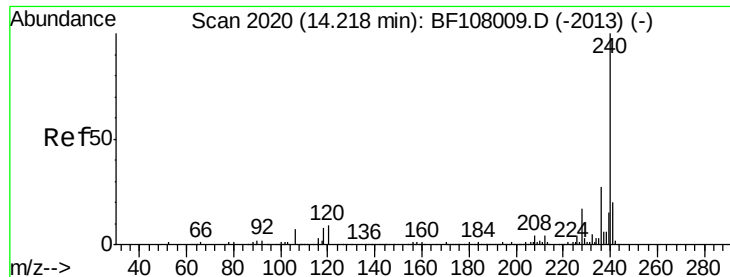
10.80

10.85

10.90

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108622.D

Acq: 30 Aug 2018 00:15

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-M

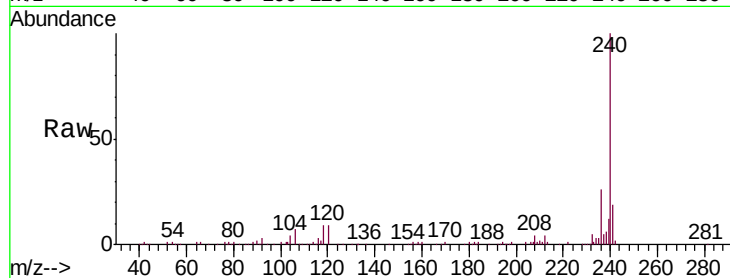
Tgt Ion:240 Resp: 249332

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

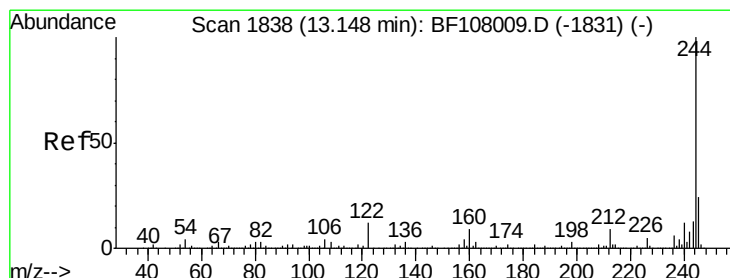
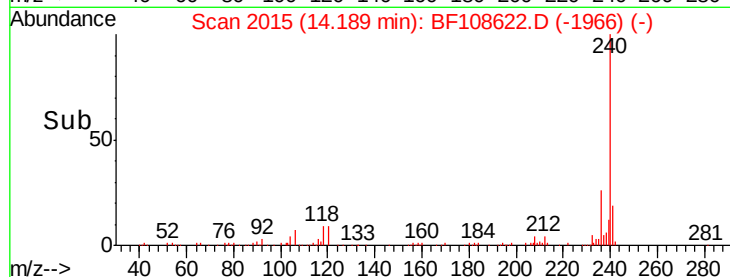
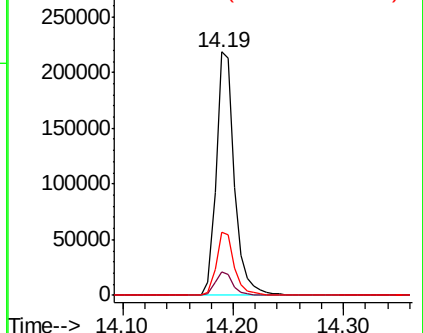
236 25.9 20.7 31.1



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: 98.931 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108622.D

Acq: 30 Aug 2018 00:15

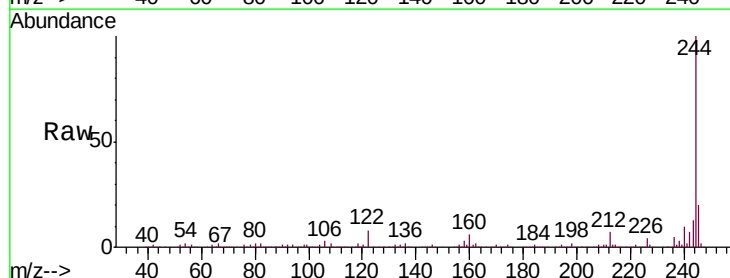
Tgt Ion:244 Resp: 970148

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

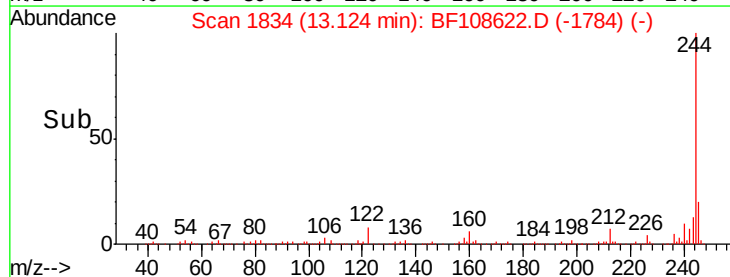
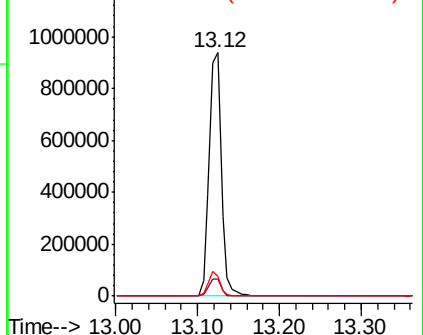
122 8.2 11.0 16.4#

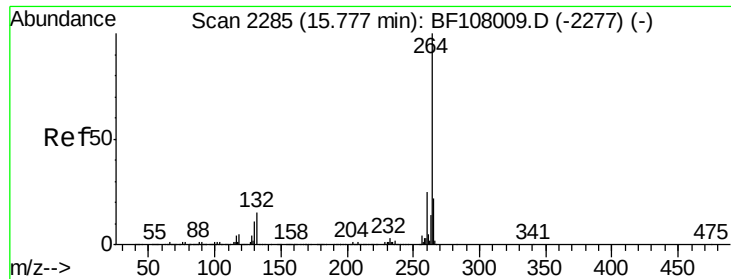


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108622.D
Acq: 30 Aug 2018 00:15

Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.3	17.5	26.3

