

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108621.D
 Acq On : 29 Aug 2018 23:47
 Operator : JU/SJ
 Sample : J4683-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Aug 30 01:11:31 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

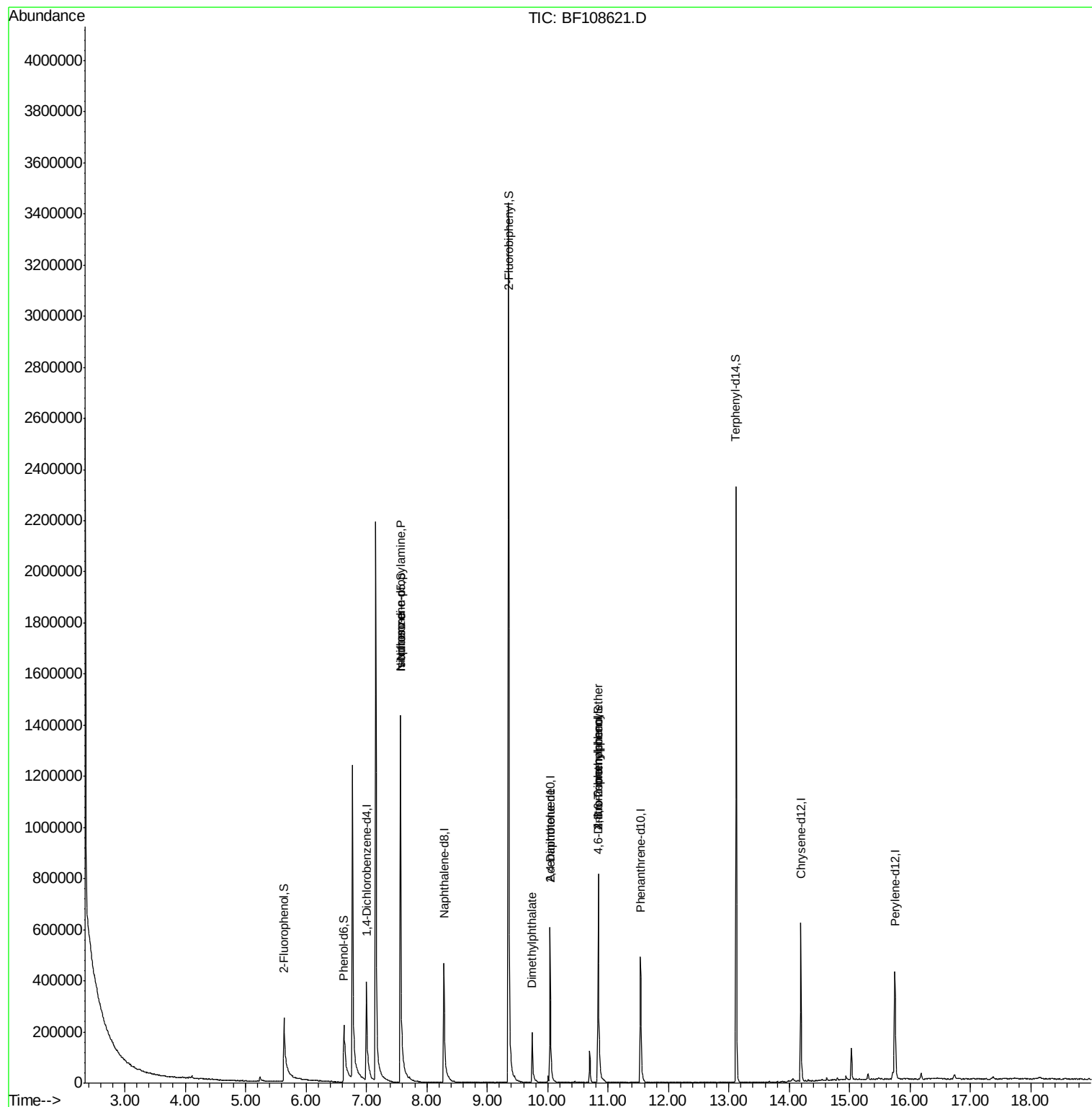
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	101972	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	375566	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	153146	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	252489	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	244979	20.00	ng	-0.01
86) Perylene-d12	15.75	264	253140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	190595	33.84	ng	0.00
7) Phenol-d6	6.62	99	185534	24.79	ng	0.00
23) Nitrobenzene-d5	7.57	82	723635	107.52	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	143314	93.82	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1225099	128.43	ng	-0.01
78) Terphenyl-d14	13.12	244	906322	94.06	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	93215	18.417	ng	# 81
25) Isophorone	7.57	82	725093	56.522	ng	# 64
49) Dimethylphthalate	9.74	163	120752	11.319	ng	100
56) 2,4-Dinitrotoluene	10.04	165	18862	6.565	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.82	198	233	5.577	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	9128	3.327	ng	# 1

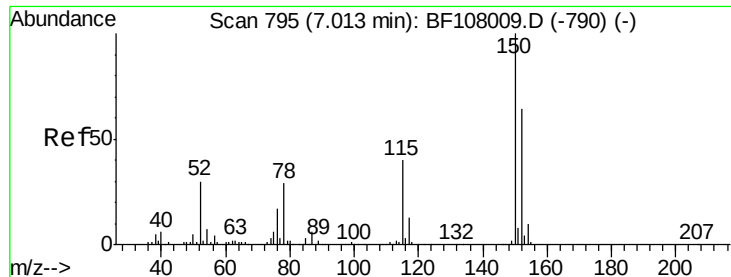
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
Data File : BF108621.D
Acq On : 29 Aug 2018 23:47
Operator : JU/SJ
Sample : J4683-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Aug 30 01:11:31 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



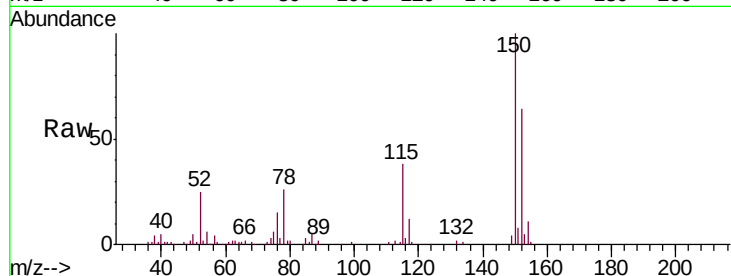


#1

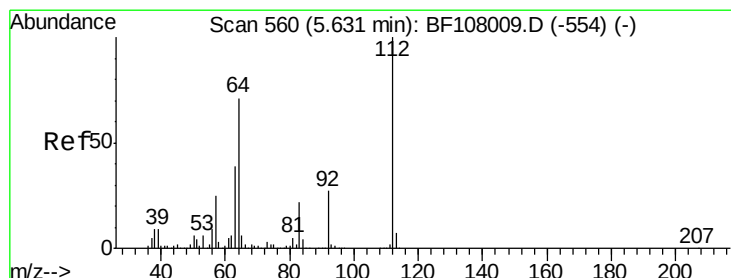
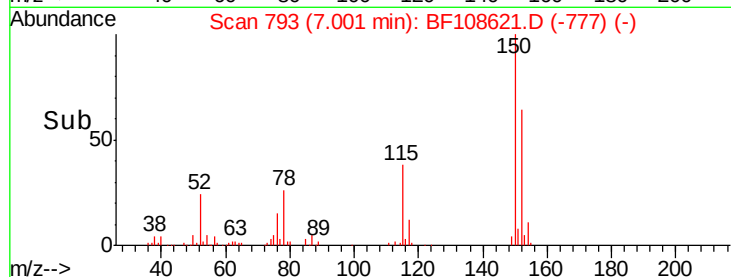
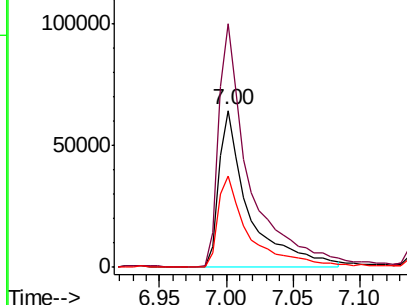
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108621.D
Acq: 29 Aug 2018 23:47

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	58.4	50.1	75.1



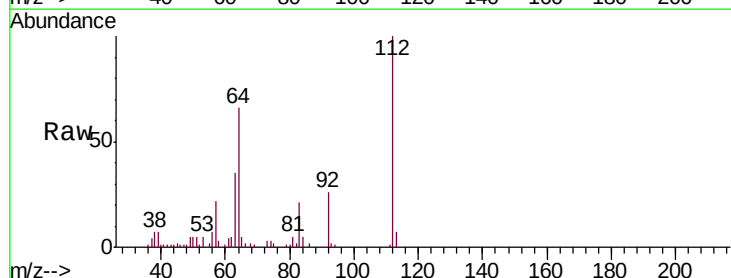
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



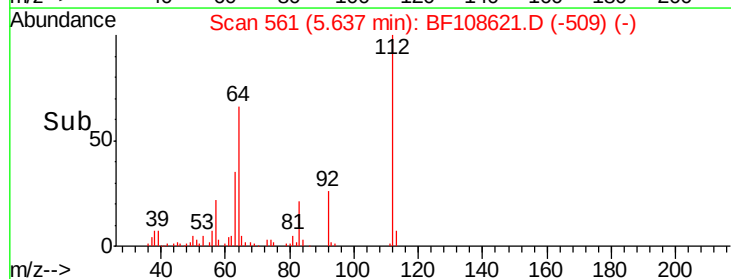
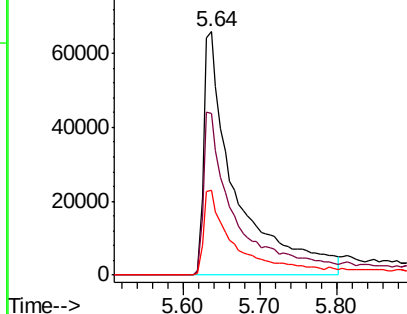
#5

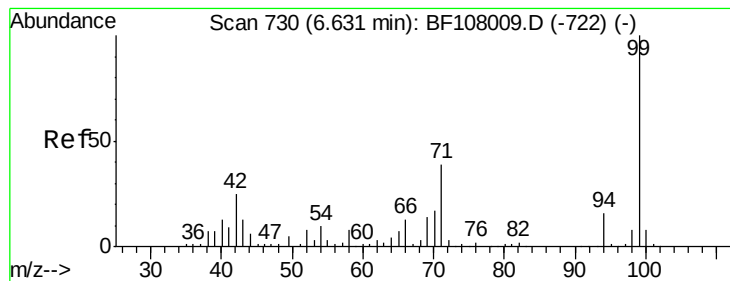
2-Fluorophenol
Concen: 33.839 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108621.D
Acq: 29 Aug 2018 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	34.9	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: 24.788 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108621.D

Acq: 29 Aug 2018 23:47

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-B

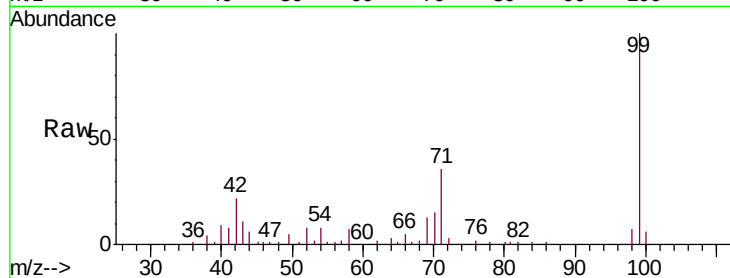
Tgt Ion: 99 Resp: 185534

Ion Ratio Lower Upper

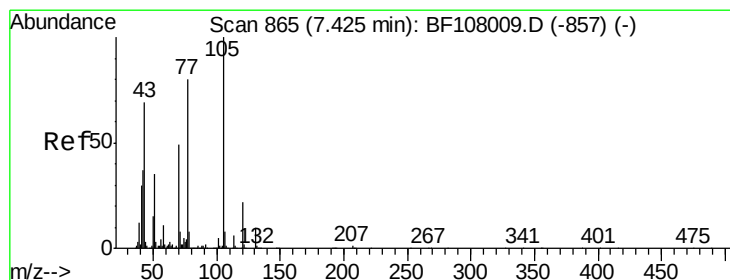
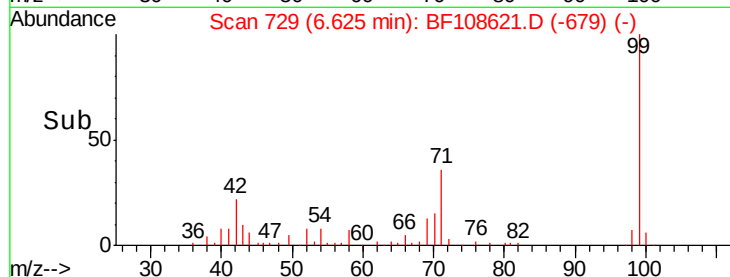
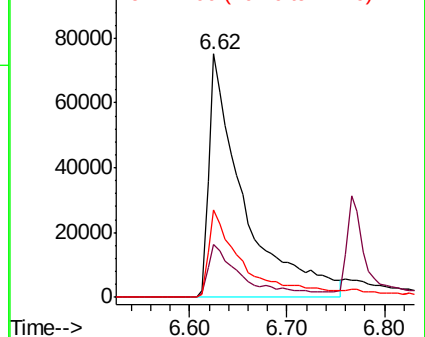
99 100

42 21.8 14.5 21.7#

71 35.9 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: 18.417 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108621.D

Acq: 29 Aug 2018 23:47

Tgt Ion: 70 Resp: 93215

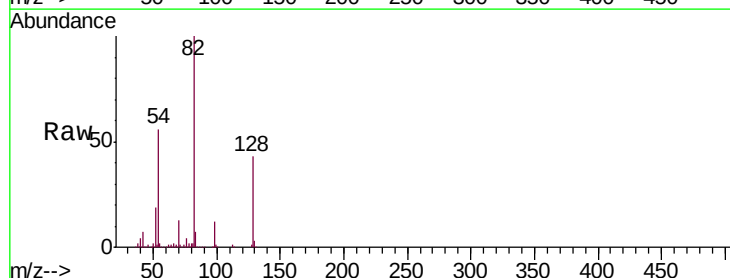
Ion Ratio Lower Upper

70 100

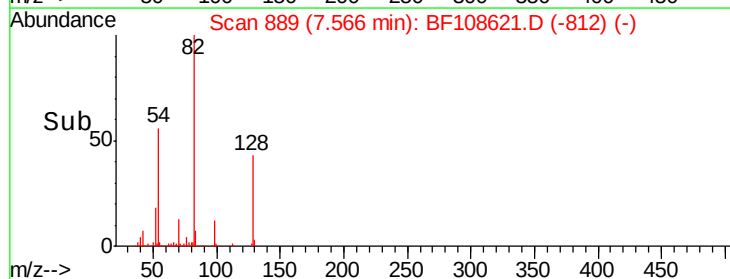
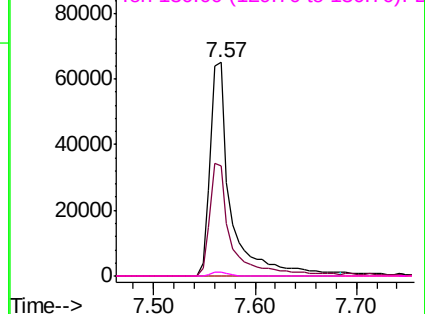
42 51.7 47.5 71.3

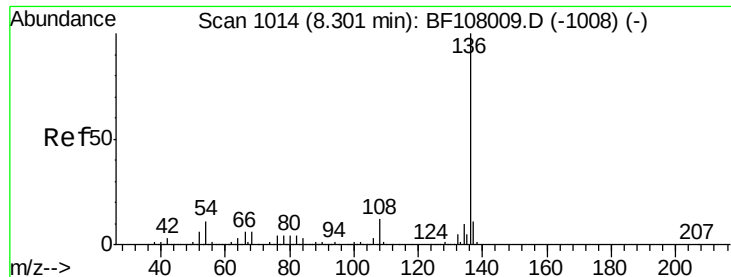
101 0.0 7.4 11.2#

130 1.9 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

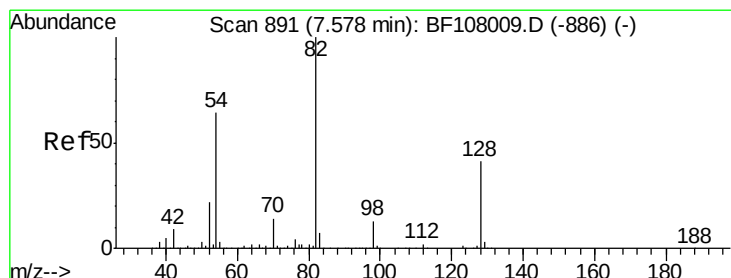
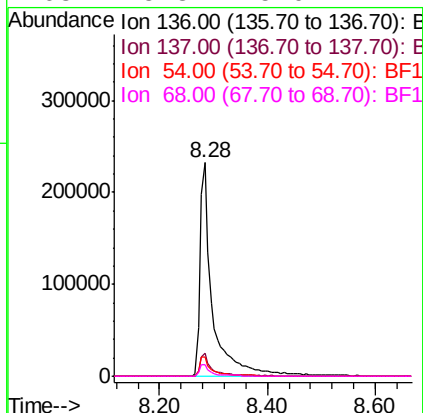
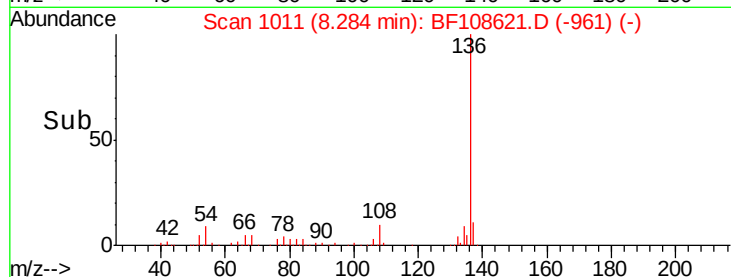
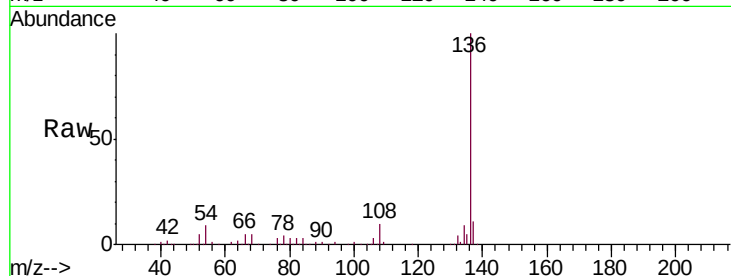




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108621.D
Acq: 29 Aug 2018 23:47

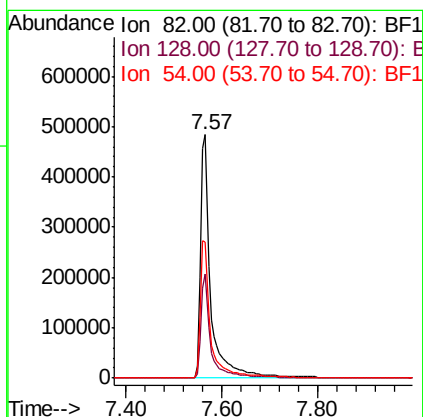
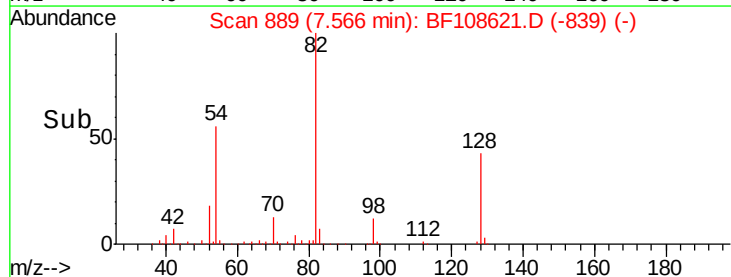
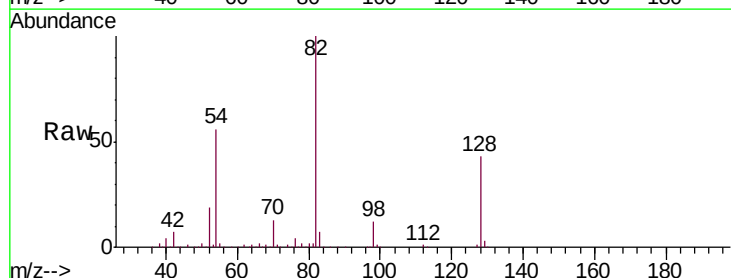
Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-U-B

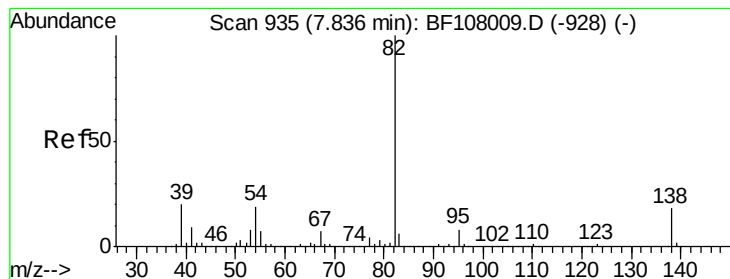
Tgt Ion:	136	Resp:	375566
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 107.517 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108621.D
Acq: 29 Aug 2018 23:47

Tgt Ion:	82	Resp:	723635
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	56.0	41.4	62.2





#25

Isophorone

Concen: 56.522 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108621.D

Acq: 29 Aug 2018 23:47

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-B

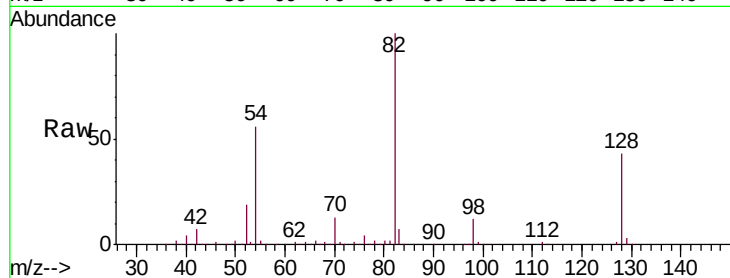
Tgt Ion: 82 Resp: 725093

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

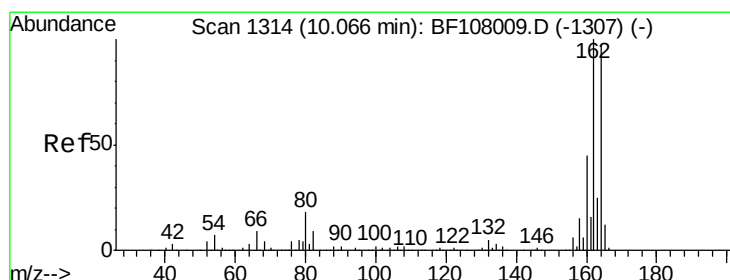
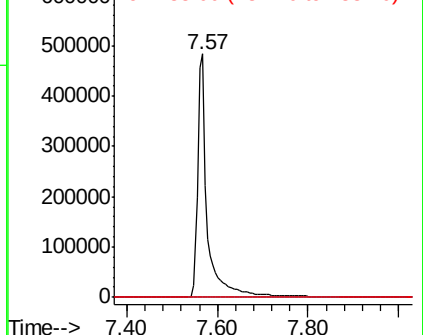
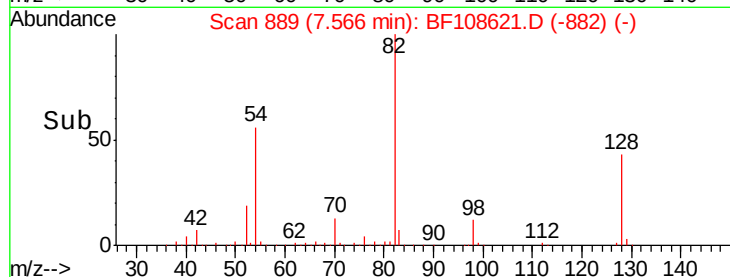
138 0.0 14.9 22.3#



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: BF108621.D

Acq: 29 Aug 2018 23:47

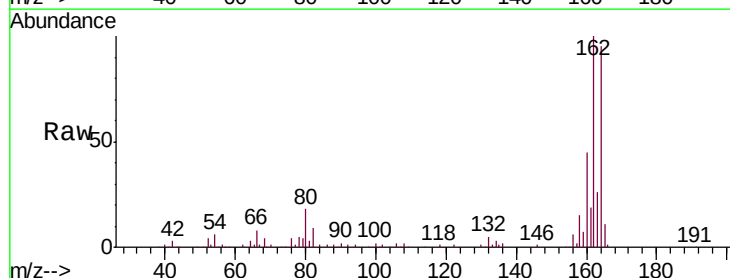
Tgt Ion: 164 Resp: 153146

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

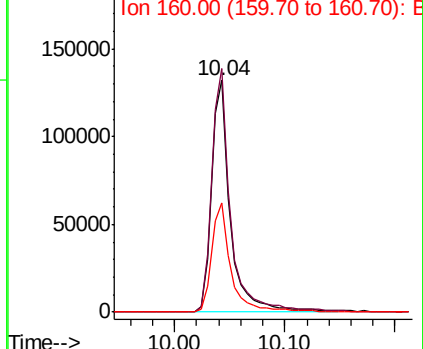
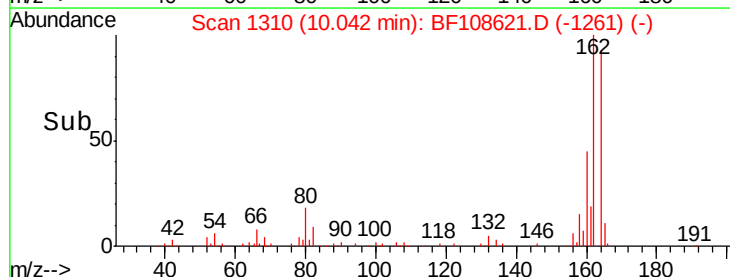
160 47.1 38.3 57.5

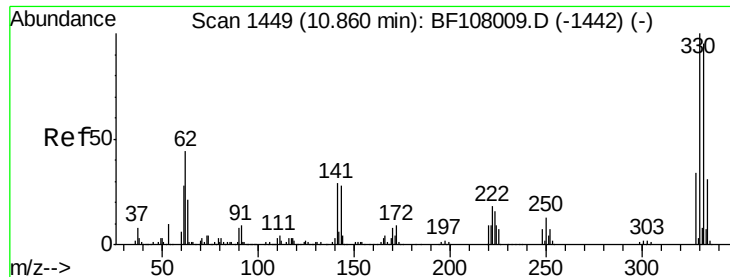


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

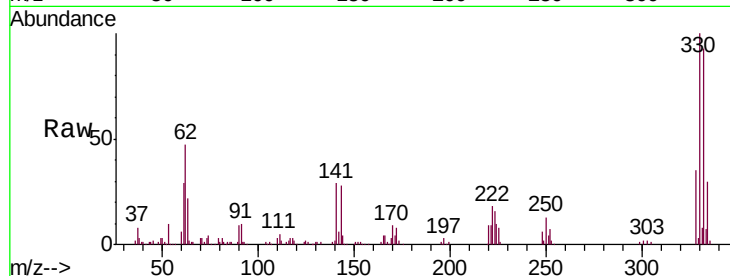




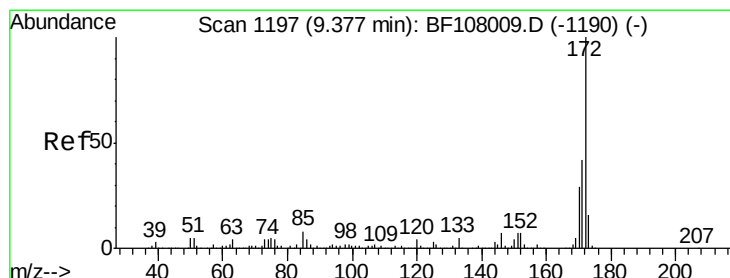
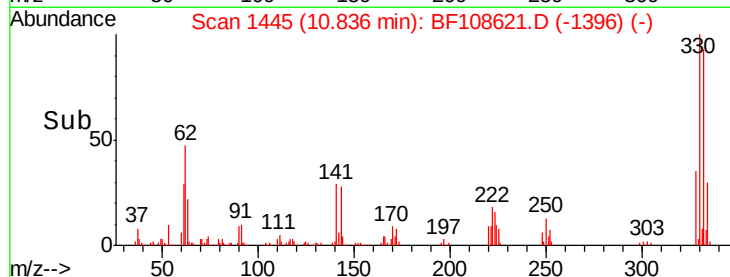
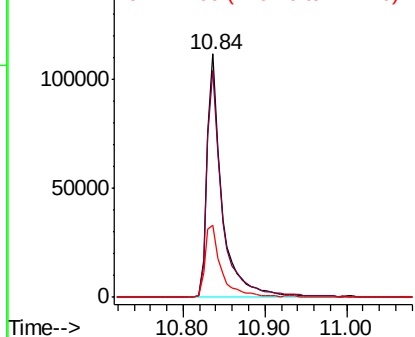
#41
 2,4,6-Tribromophenol
 Concen: 93.817 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108621.D
 Acq: 29 Aug 2018 23:47

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.3	29.9	44.9

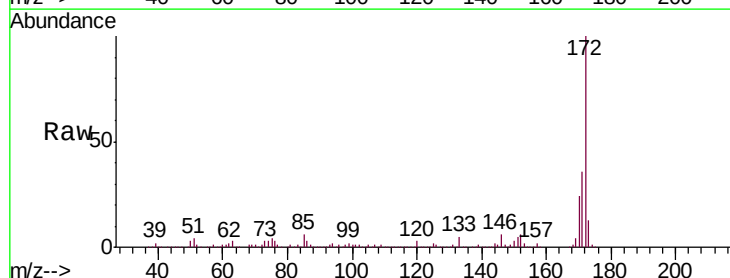


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

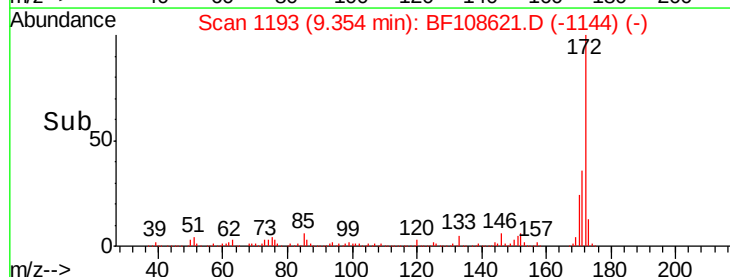
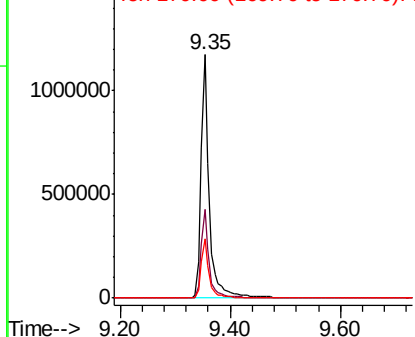


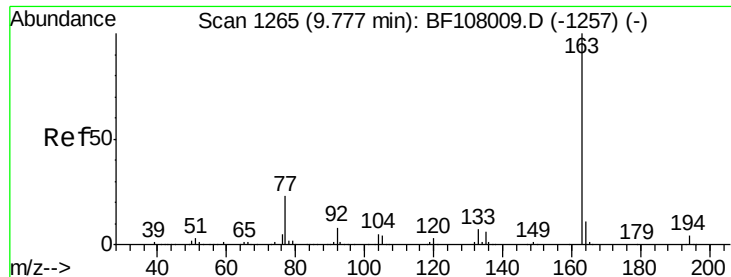
#44
 2-Fluorobiphenyl
 Concen: 128.430 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108621.D
 Acq: 29 Aug 2018 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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

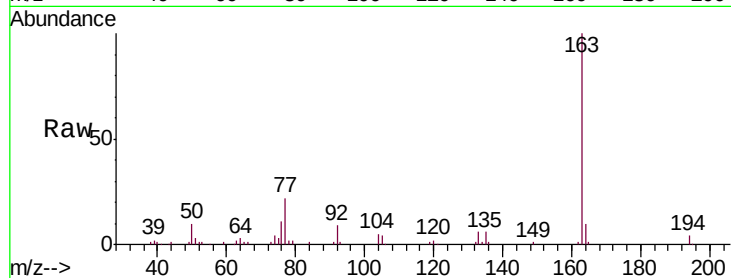




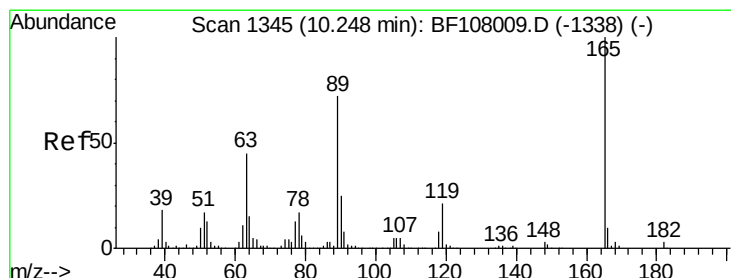
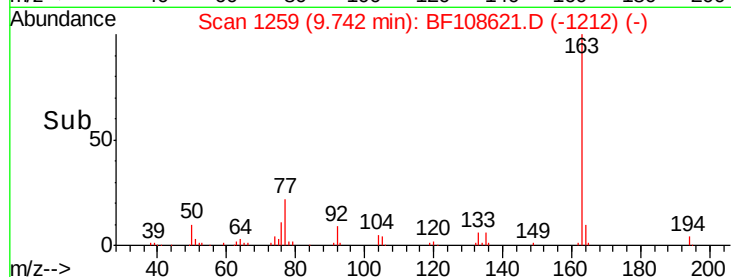
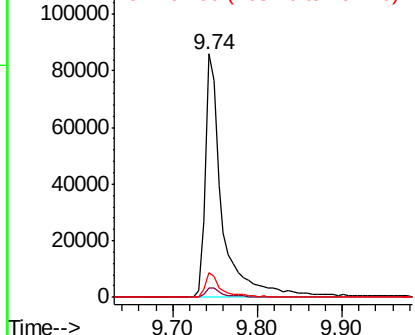
#49
Dimethylphthalate
Concen: 11.319 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108621.D
Acq: 29 Aug 2018 23:47

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

Tgt Ion:163 Resp: 120752
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

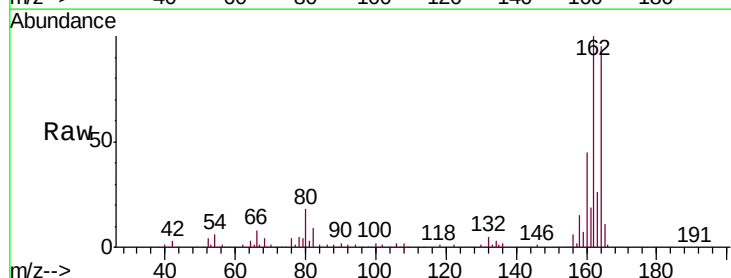


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

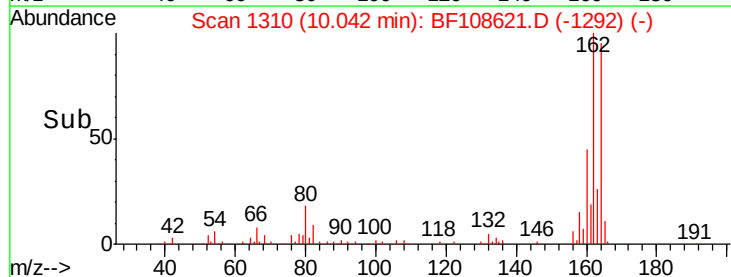
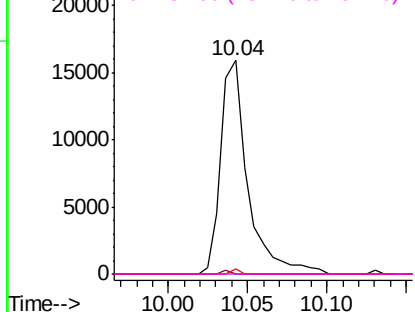


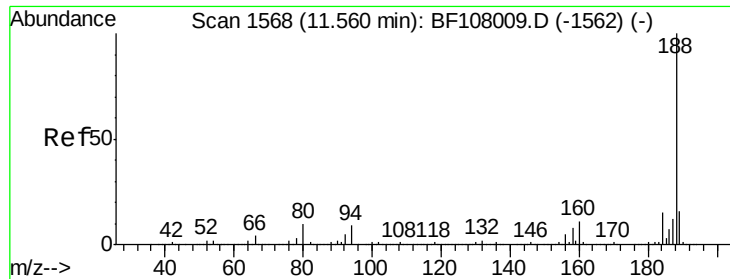
#56
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108621.D
Acq: 29 Aug 2018 23:47

Tgt Ion:165 Resp: 18862
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 2.2 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

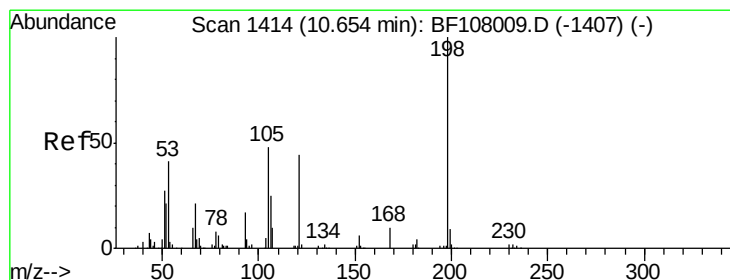
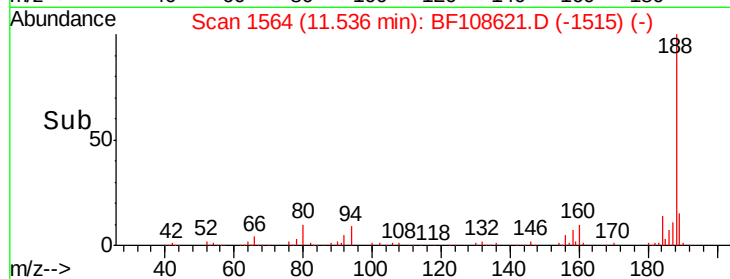
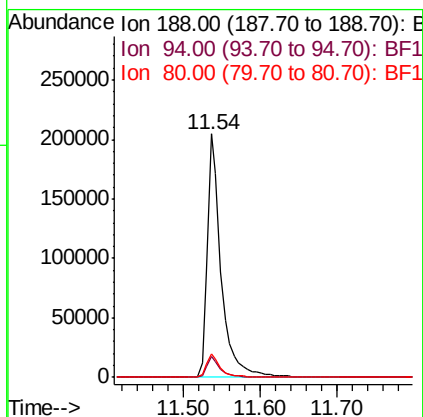
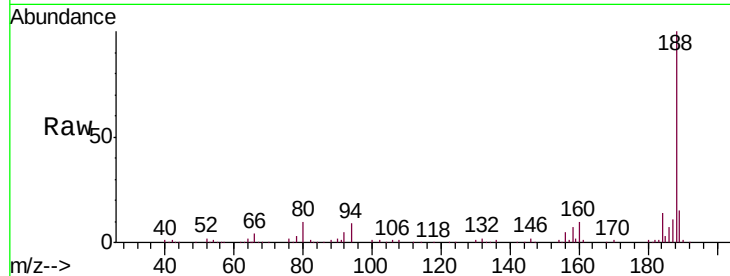




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108621.D
 Acq: 29 Aug 2018 23:47

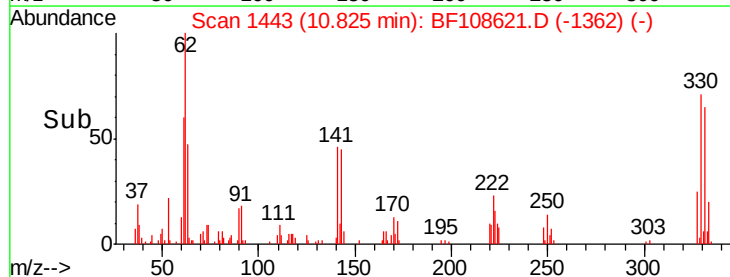
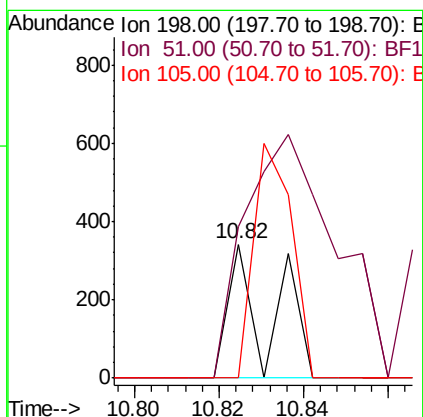
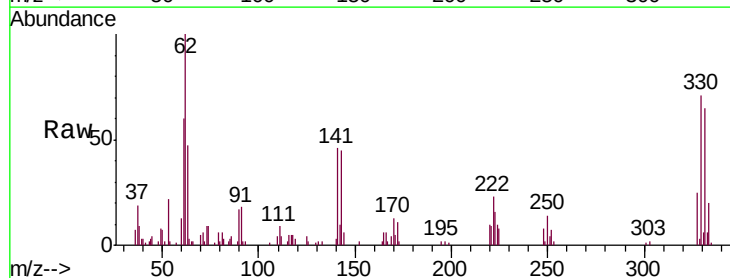
Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-U-B

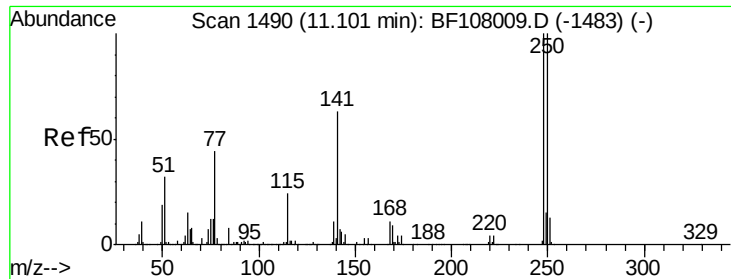
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.8	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.577 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.18 min
 Lab File: BF108621.D
 Acq: 29 Aug 2018 23:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	112.9	37.7	77.7#
105	0.0	36.3	76.3#

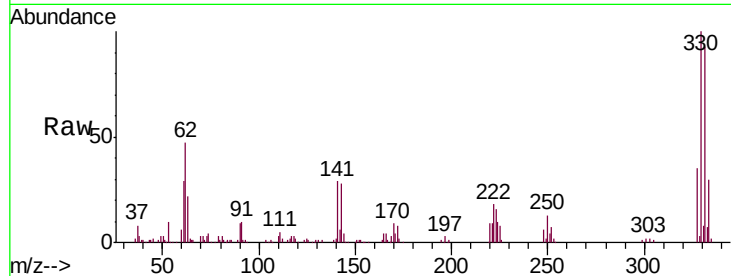




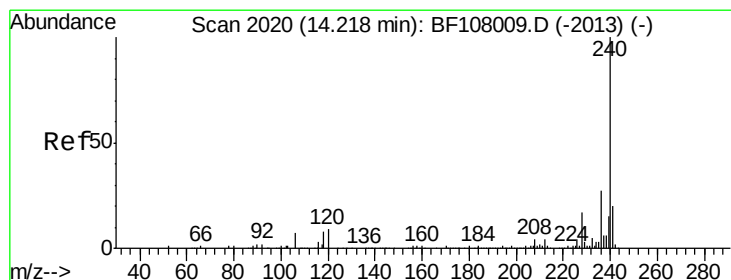
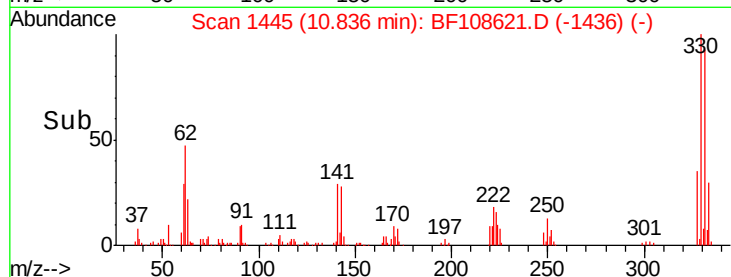
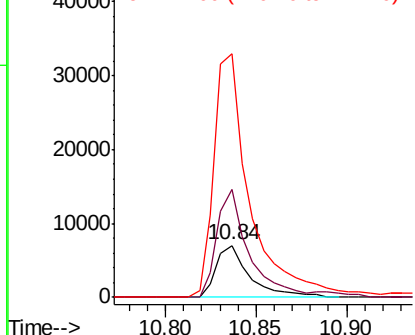
#66
 4-Bromophenyl-phenylether
 Concen: 3.327 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108621.D
 Acq: 29 Aug 2018 23:47

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

Tgt Ion:248 Resp: 9128
 Ion Ratio Lower Upper
 248 100
 250 207.8 76.9 115.3#
 141 467.8 74.4 111.6#

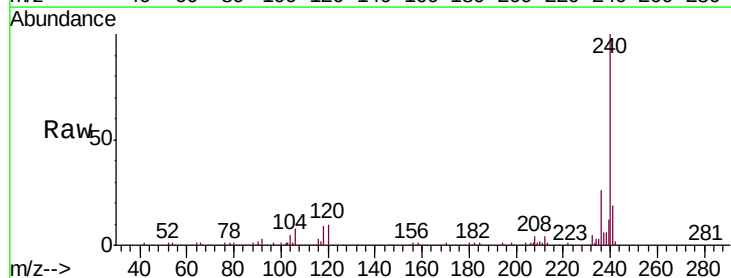


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

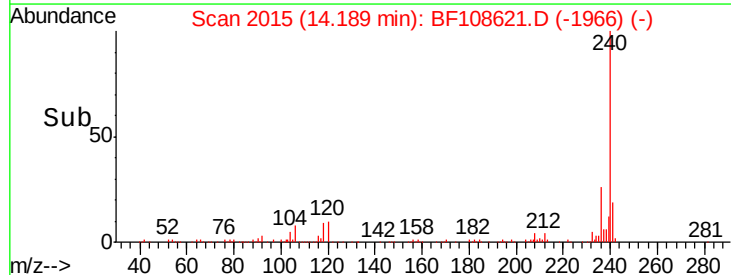
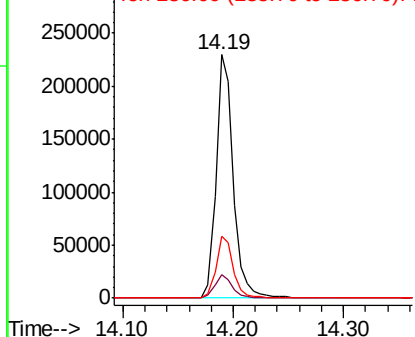


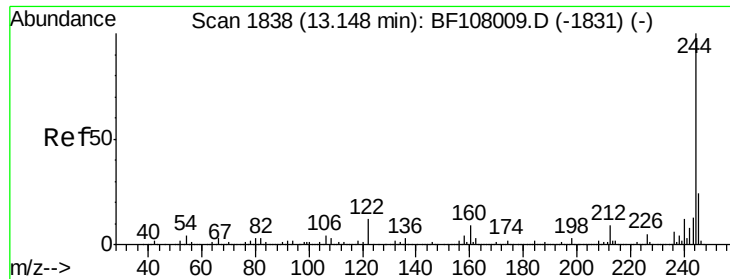
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108621.D
 Acq: 29 Aug 2018 23:47

Tgt Ion:240 Resp: 244979
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 25.6 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: 94.065 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108621.D

Acq: 29 Aug 2018 23:47

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-B

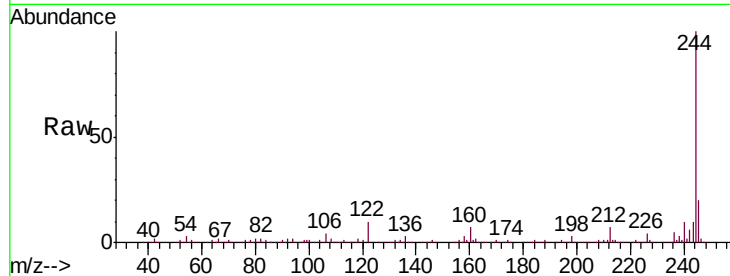
Tgt Ion:244 Resp: 906322

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

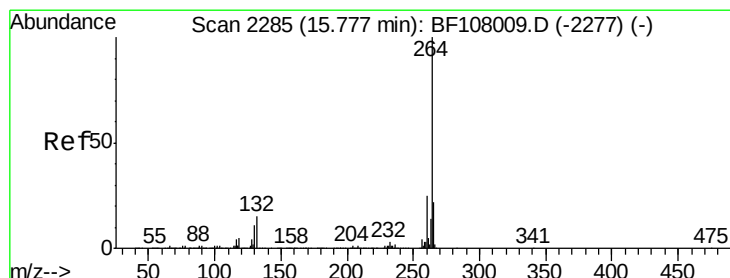
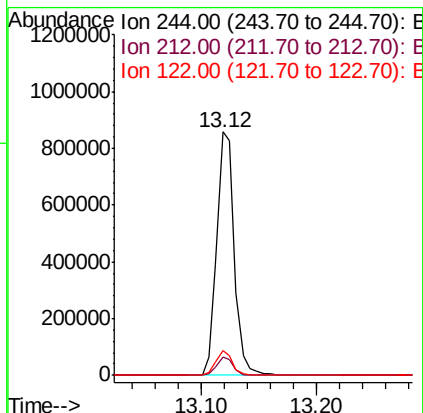
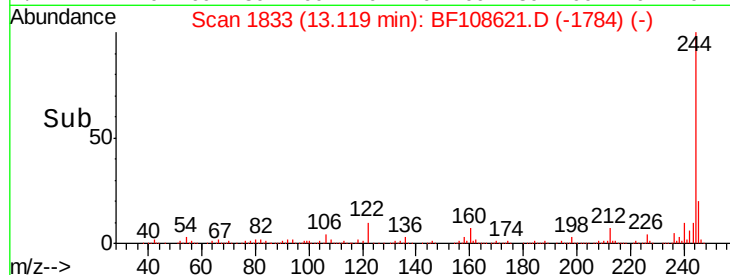
122 10.3 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108621.D

Acq: 29 Aug 2018 23:47

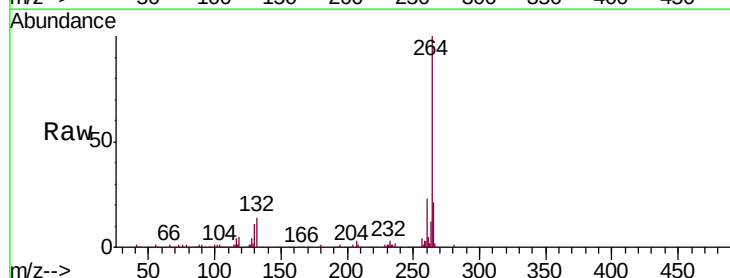
Tgt Ion:264 Resp: 253140

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

