

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108453.D
 Acq On : 24 Aug 2018 6:52
 Operator : JU/SJ
 Sample : J4582-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-B

Quant Time: Aug 24 07:58:14 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

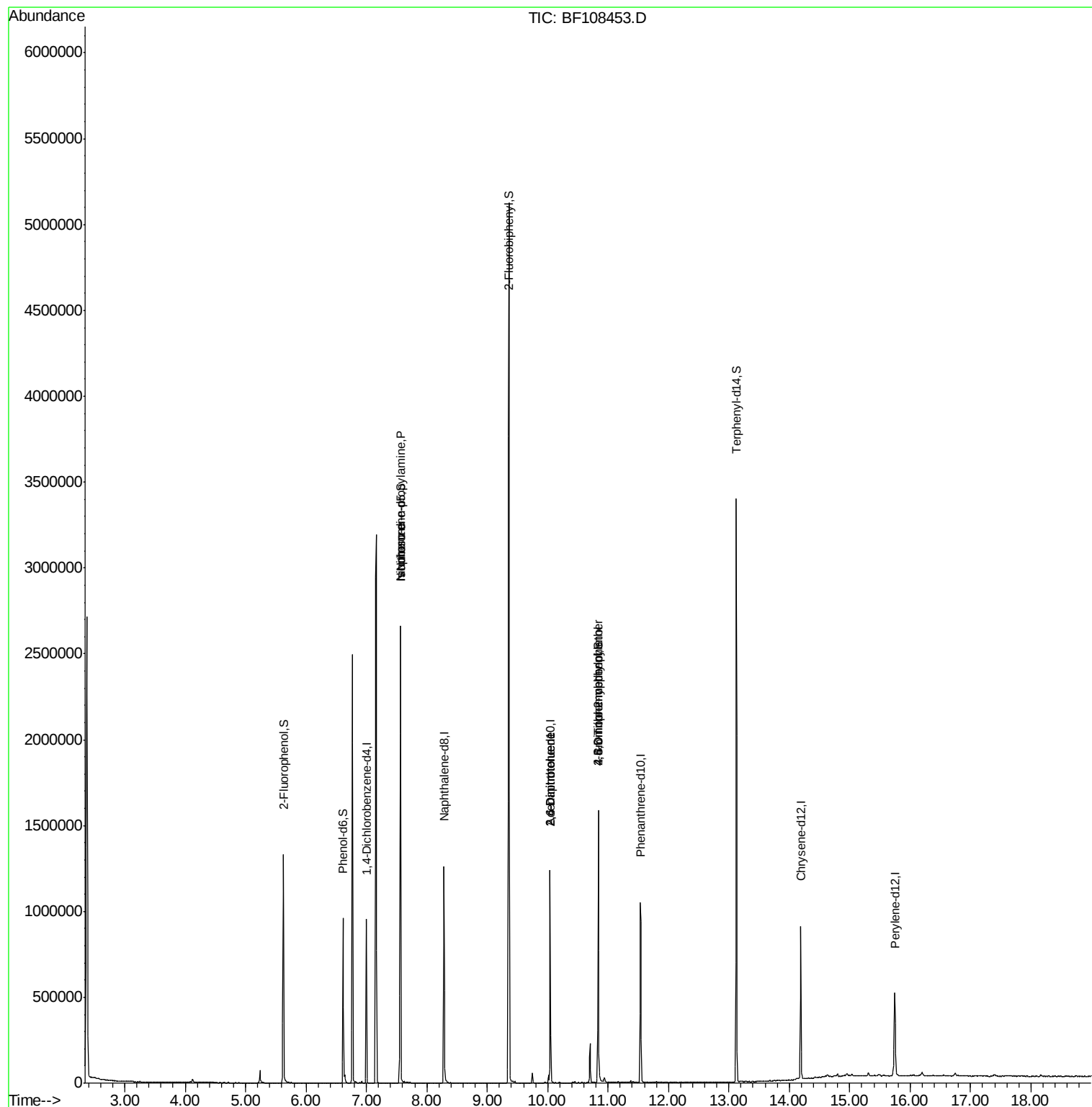
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	144664	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	529108	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	245631	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	398131	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	307005	20.00	ng	-0.01
86) Perylene-d12	15.75	264	267003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	323980	40.55	ng	0.00
7) Phenol-d6	6.61	99	273919	25.80	ng	-0.02
23) Nitrobenzene-d5	7.57	82	892490	94.12	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	189071	77.17	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1566708	102.40	ng	0.00
78) Terphenyl-d14	13.12	244	1129562	93.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	122595	17.074	ng	# 82
25) Isophorone	7.57	82	892473	49.381	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	31021	8.666	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	31021	6.732	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	285	5.528	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12137	2.805	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108453.D
Acq On : 24 Aug 2018 6:52
Operator : JU/SJ
Sample : J4582-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-B

Quant Time: Aug 24 07:58:14 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



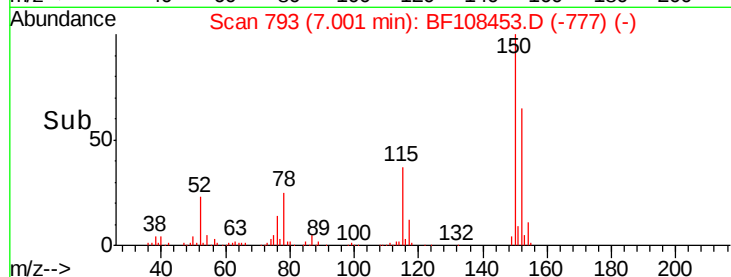
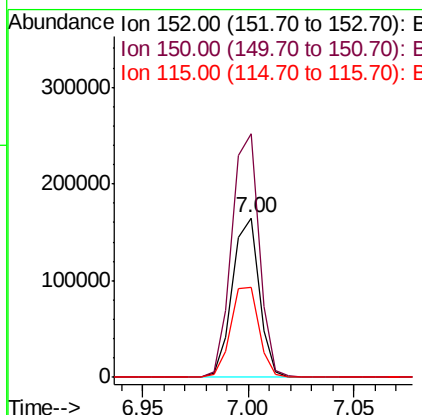
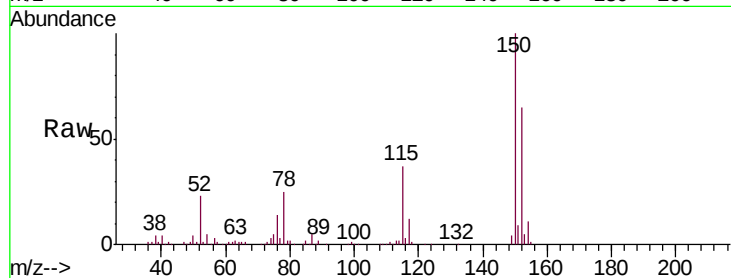


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-B

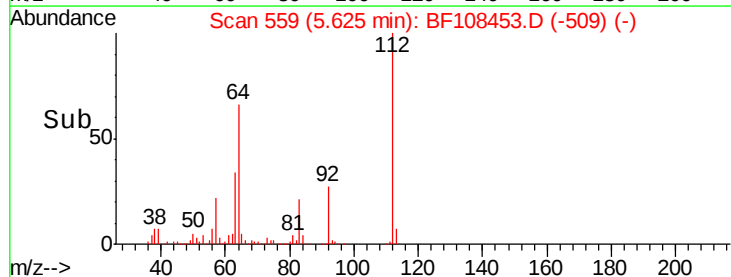
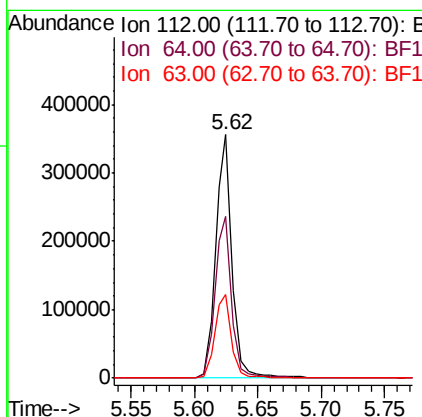
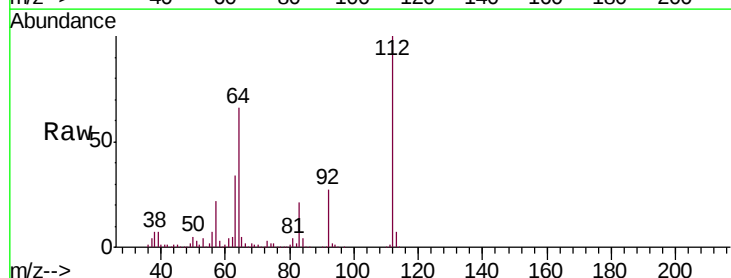
Tgt Ion:152 Resp: 144664
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 56.2 50.1 75.1



#5

2-Fluorophenol
Concen: 40.546 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Tgt Ion:112 Resp: 323980
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 34.2 23.7 35.5





#7

Phenol-d6

Concen: 25.797 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-B

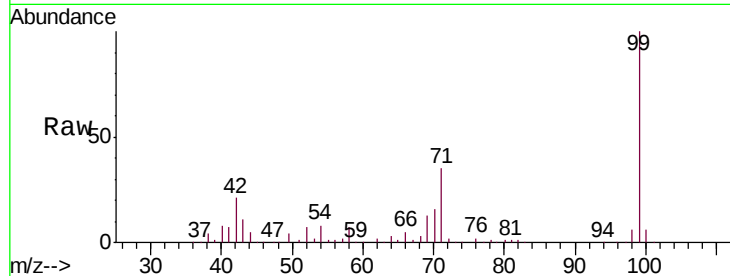
Tgt Ion: 99 Resp: 273919

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

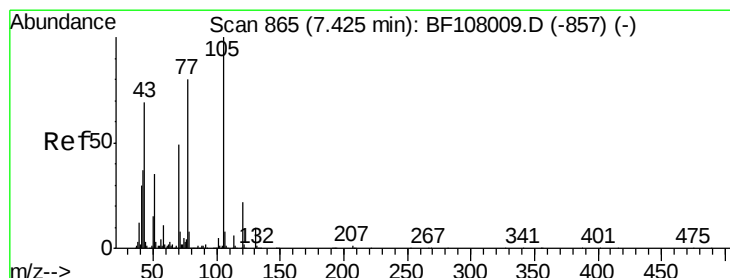
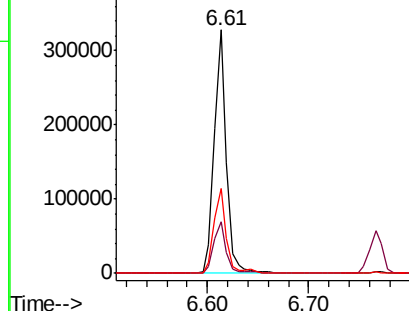
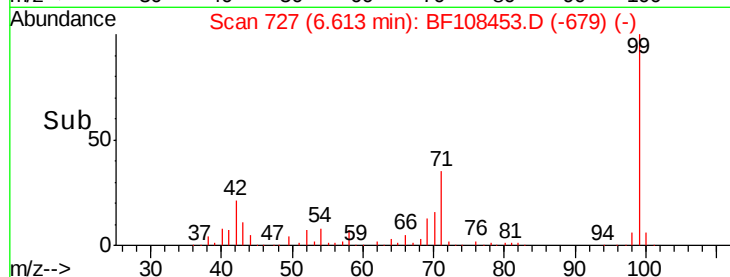
71 34.9 25.4 38.0



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: 17.074 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

Tgt Ion: 70 Resp: 122595

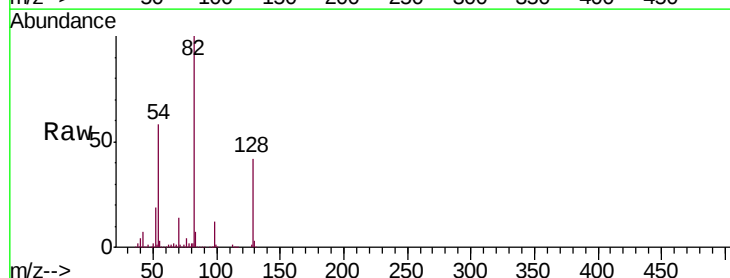
Ion Ratio Lower Upper

70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

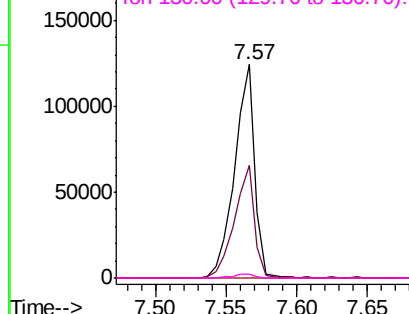
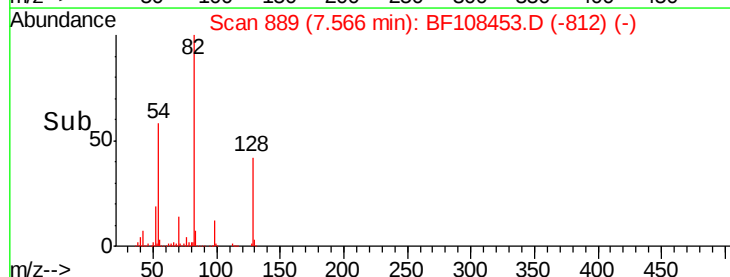


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF108453.D

Acq: 24 Aug 2018 6:52

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-B

Tgt Ion: 136 Resp: 529108

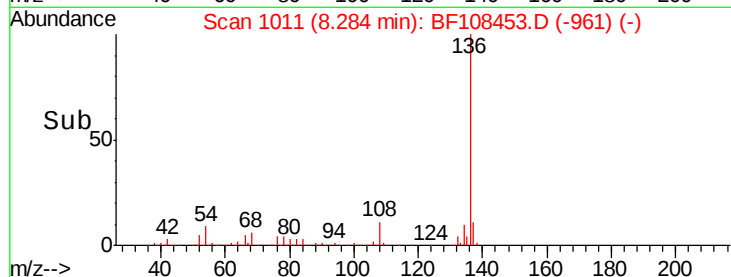
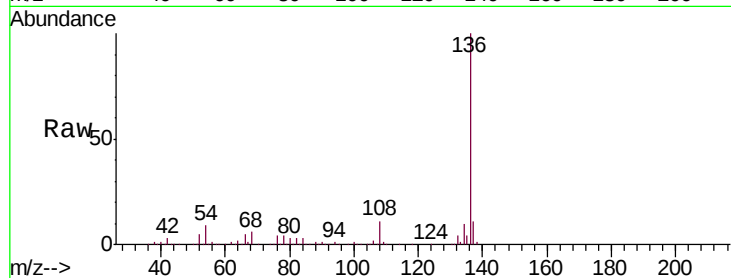
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.3 6.6 9.8

68 5.8 5.0 7.4

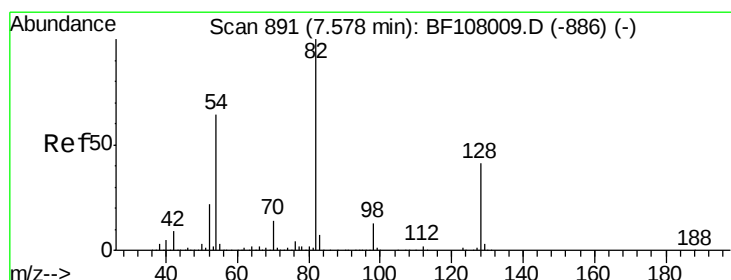
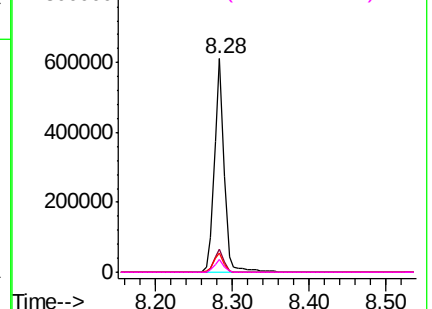


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.125 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

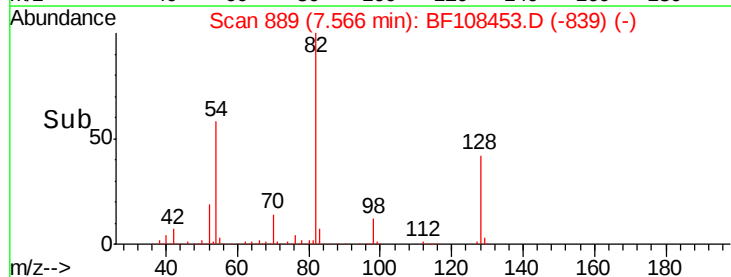
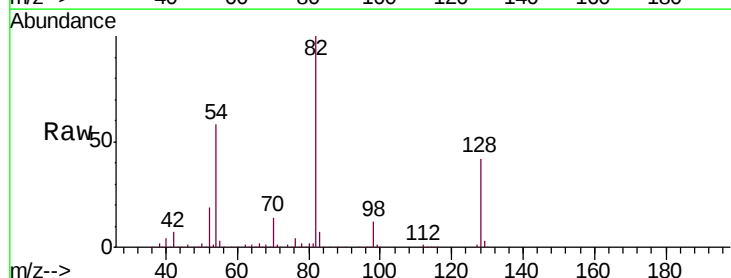
Tgt Ion: 82 Resp: 892490

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

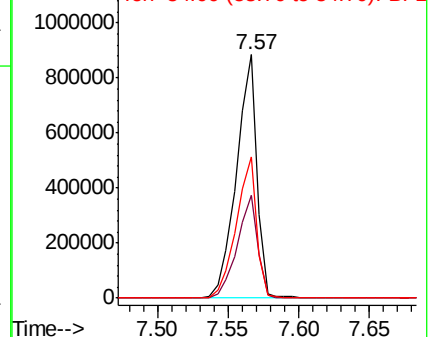
54 58.0 41.4 62.2

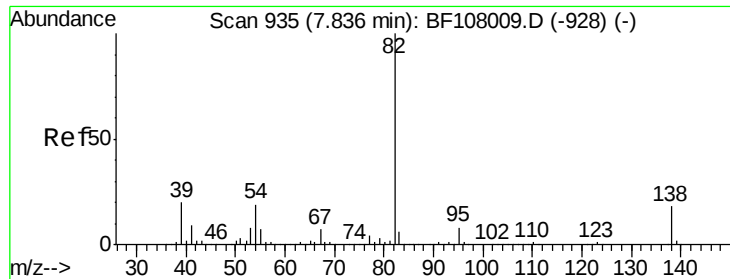


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.381 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-B

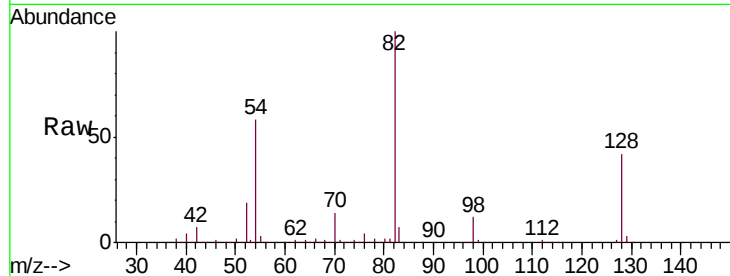
Tgt Ion: 82 Resp: 892473

Ion Ratio Lower Upper

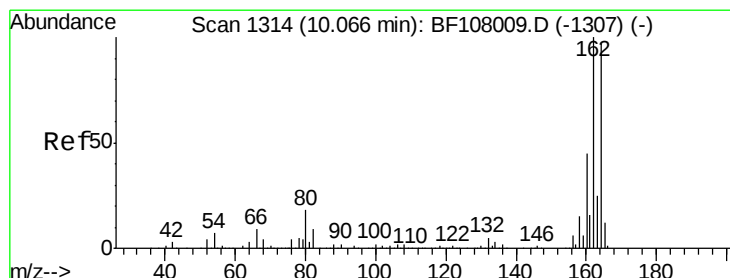
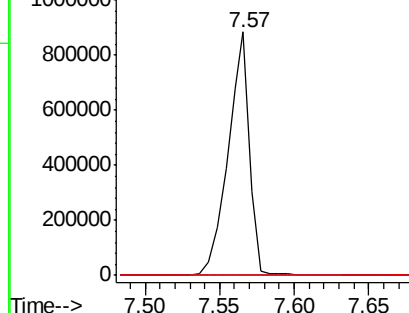
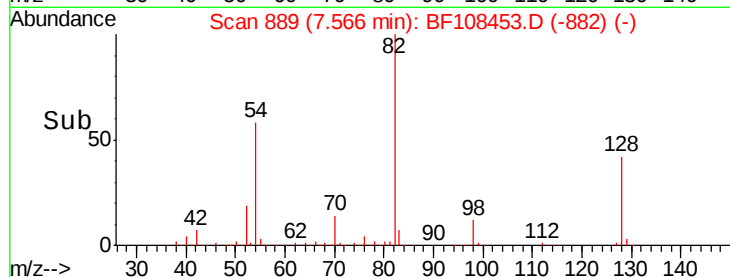
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

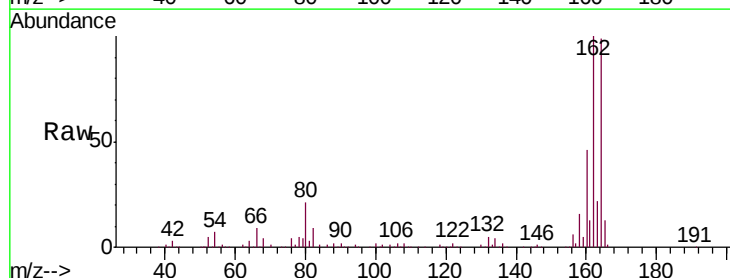
Tgt Ion: 164 Resp: 245631

Ion Ratio Lower Upper

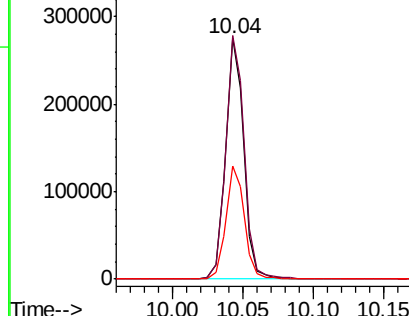
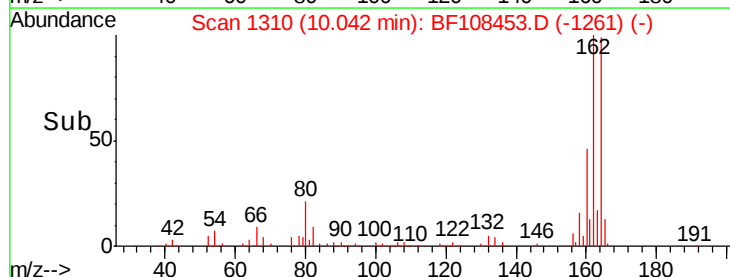
164 100

162 101.1 86.1 129.1

160 46.9 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

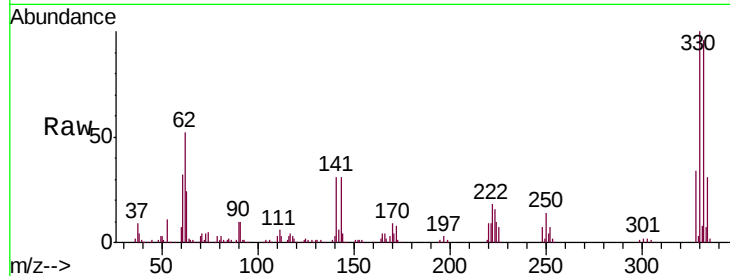




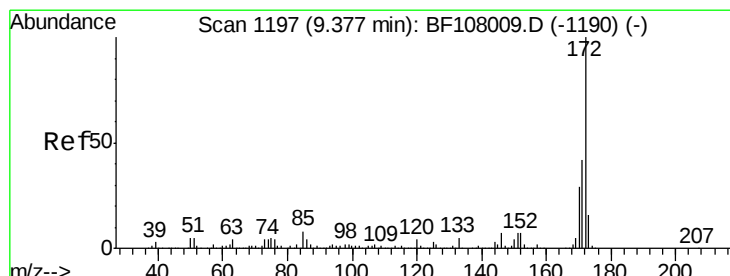
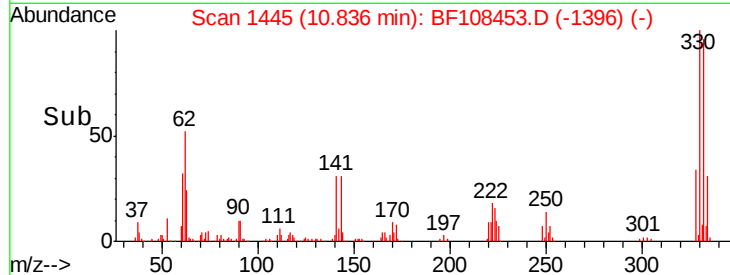
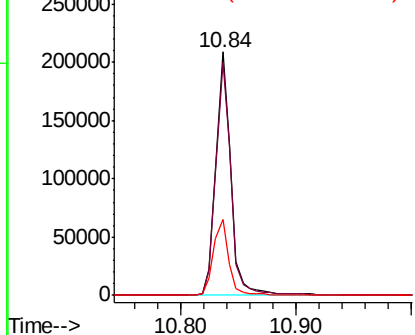
#41
 2,4,6-Tribromophenol
 Concen: 77.168 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108453.D
 Acq: 24 Aug 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-B

Tgt Ion:330 Resp: 189071
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.2 29.9 44.9

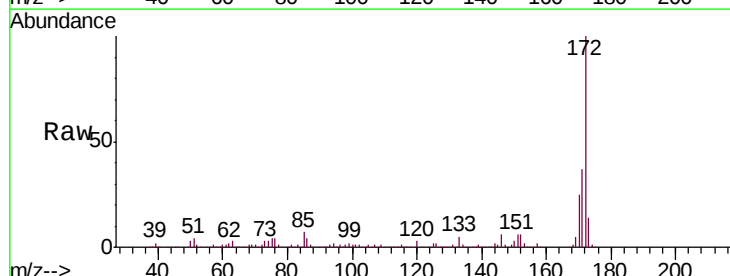


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

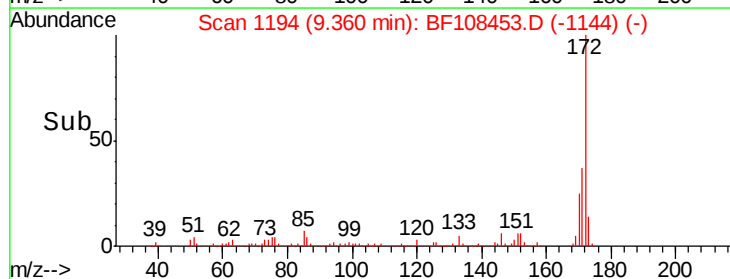
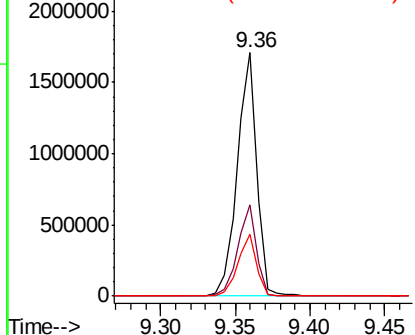


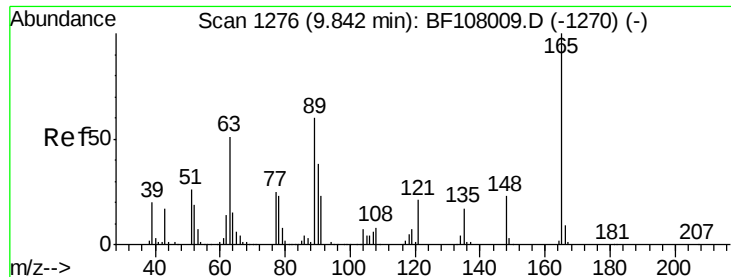
#44
 2-Fluorobiphenyl
 Concen: 102.402 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108453.D
 Acq: 24 Aug 2018 6:52

Tgt Ion:172 Resp: 1566708
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.4 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

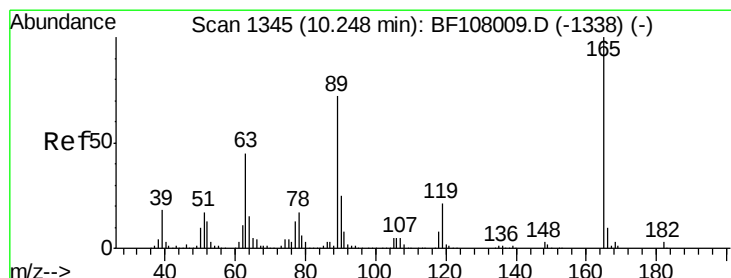
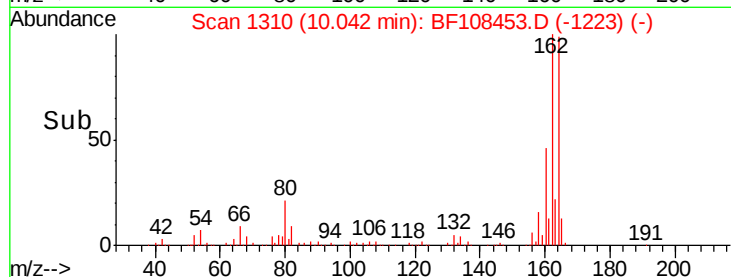
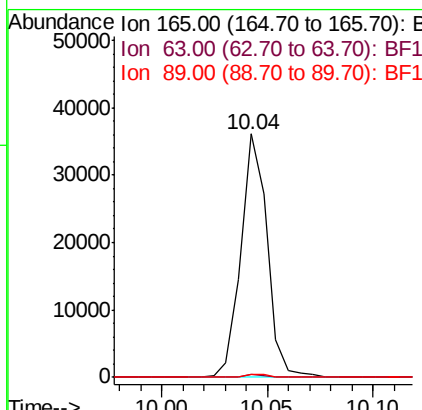
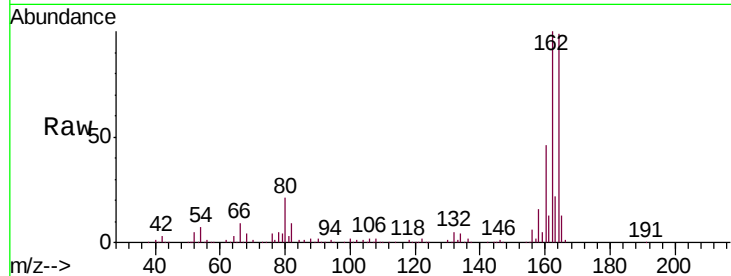




#50
 2,6-Dinitrotoluene
 Concen: 8.666 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108453.D
 Acq: 24 Aug 2018 6:52

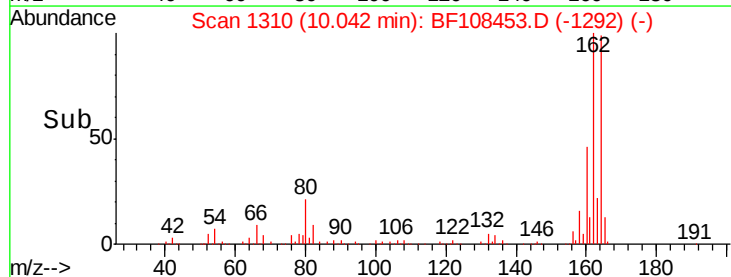
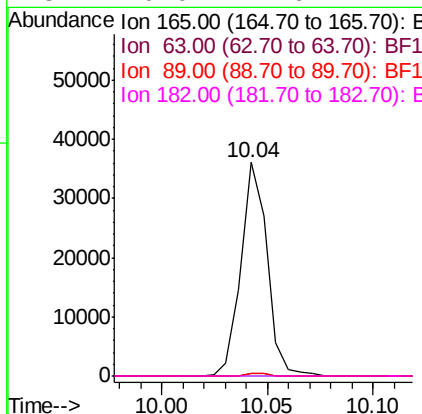
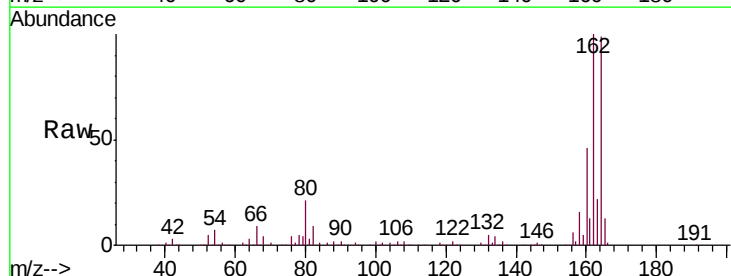
Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-B

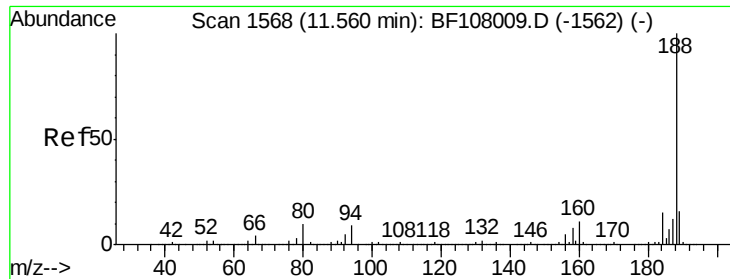
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.732 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108453.D
 Acq: 24 Aug 2018 6:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

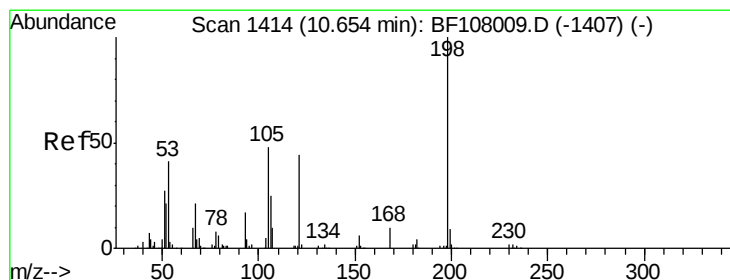
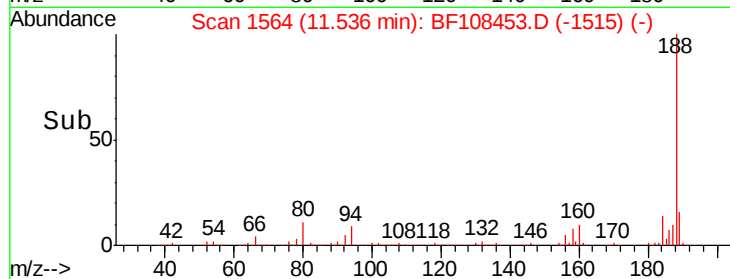
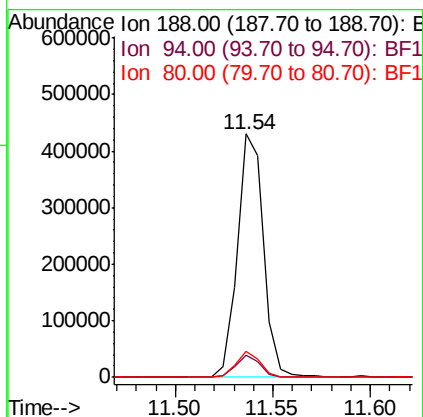
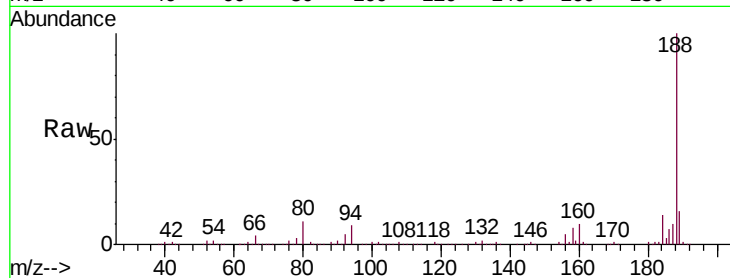




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

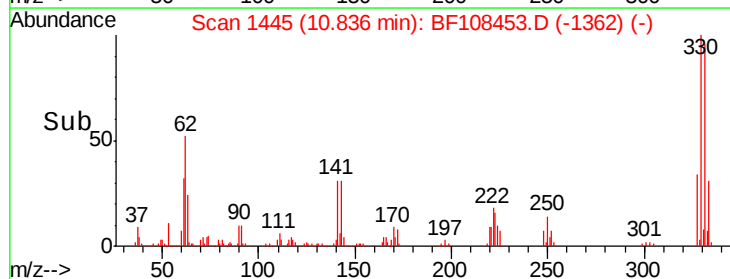
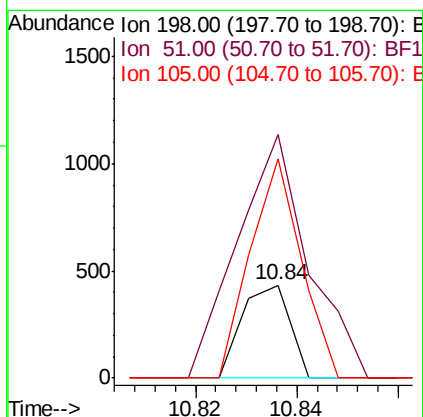
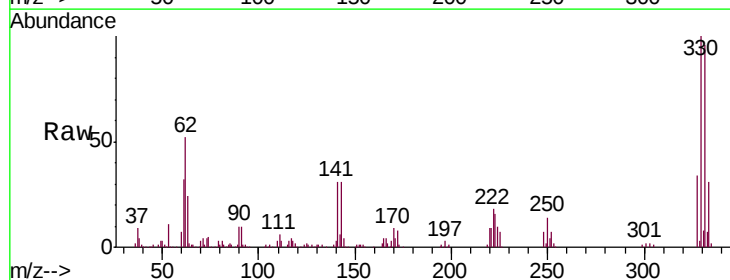
Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-B

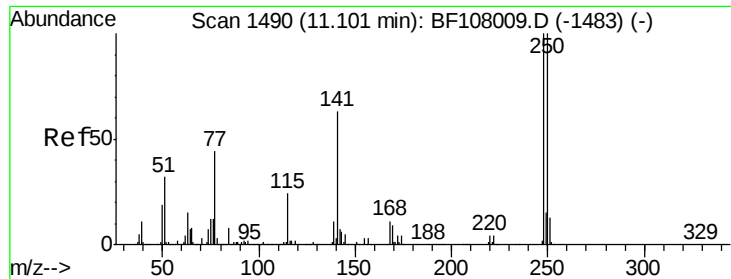
Tgt Ion:188 Resp: 398131
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.528 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Tgt Ion:198 Resp: 285
Ion Ratio Lower Upper
198 100
51 261.5 37.7 77.7#
105 235.9 36.3 76.3#

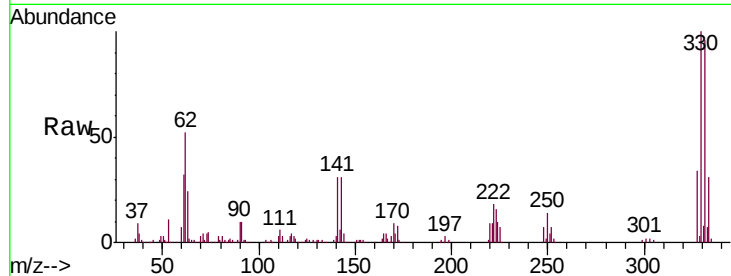




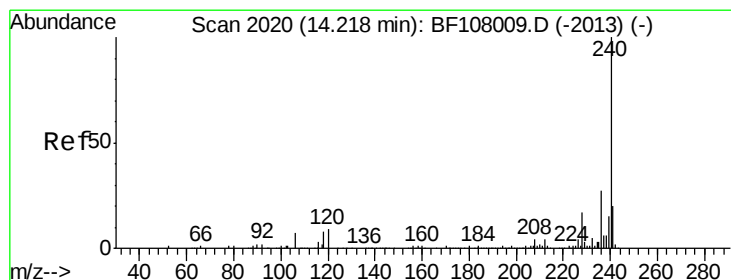
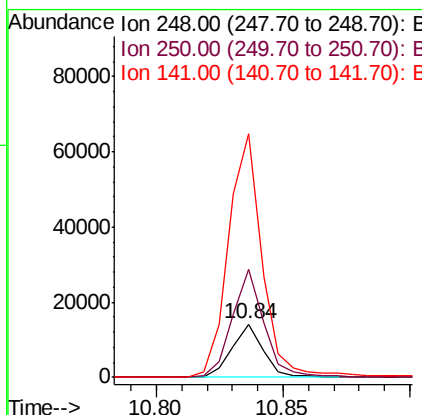
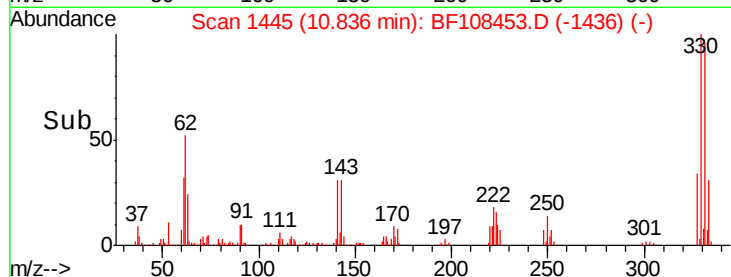
#66
4-Bromophenyl-phenylether
Concen: 2.805 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-B

Tgt Ion: 248 Resp: 12137
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 455.7 74.4 111.6#

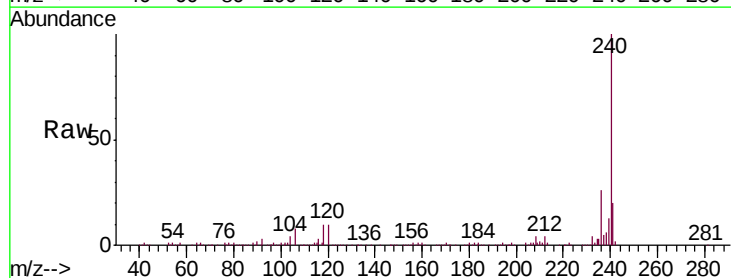


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

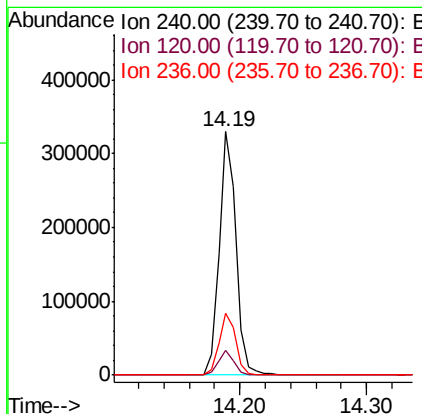
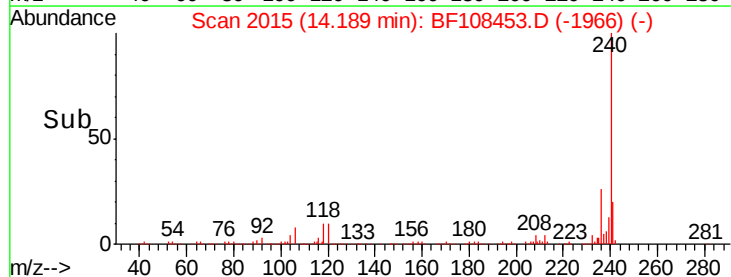


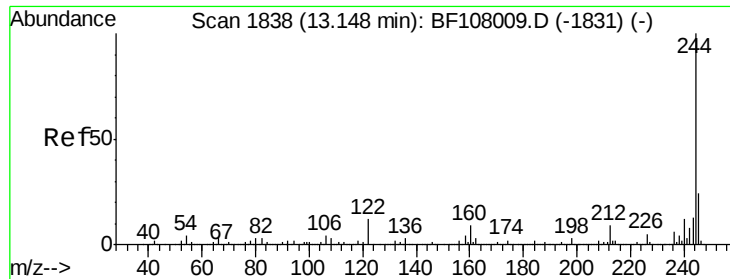
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108453.D
Acq: 24 Aug 2018 6:52

Tgt Ion: 240 Resp: 307005
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: 93.549 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108453.D

Acq: 24 Aug 2018 6:52

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-B

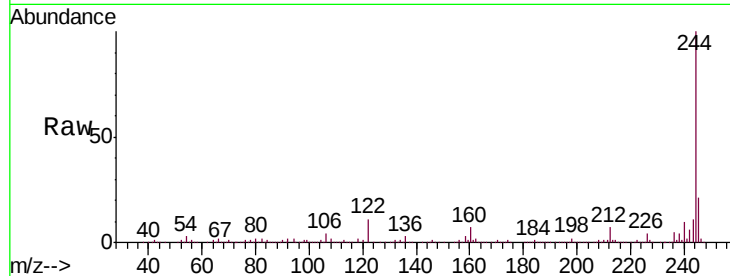
Tgt Ion:244 Resp: 1129562

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

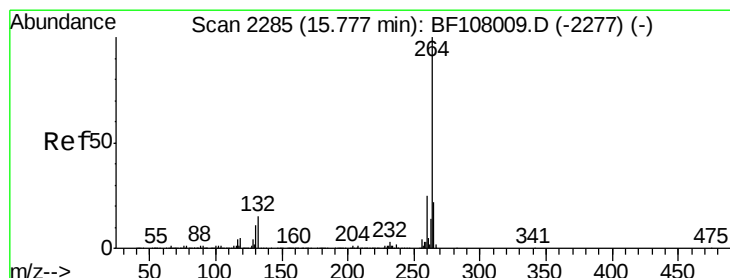
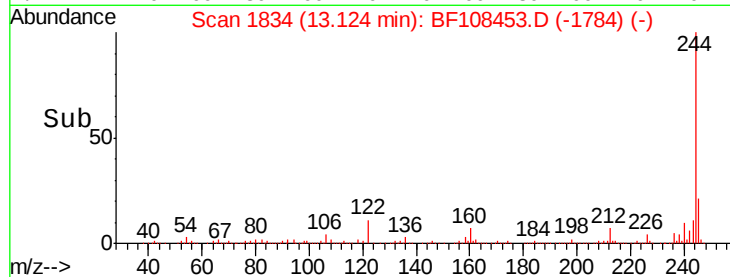
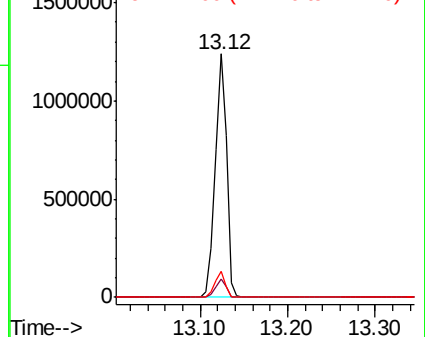
122 10.6 11.0 16.4#



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: BF108453.D

Acq: 24 Aug 2018 6:52

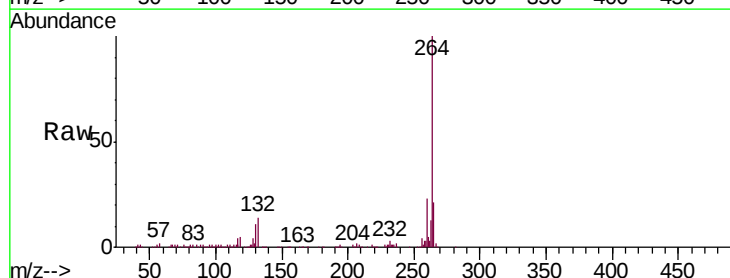
Tgt Ion:264 Resp: 267003

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.6 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

