

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108617.D
 Acq On : 29 Aug 2018 21:01
 Operator : JU/SJ
 Sample : J4683-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Aug 30 01:10:41 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

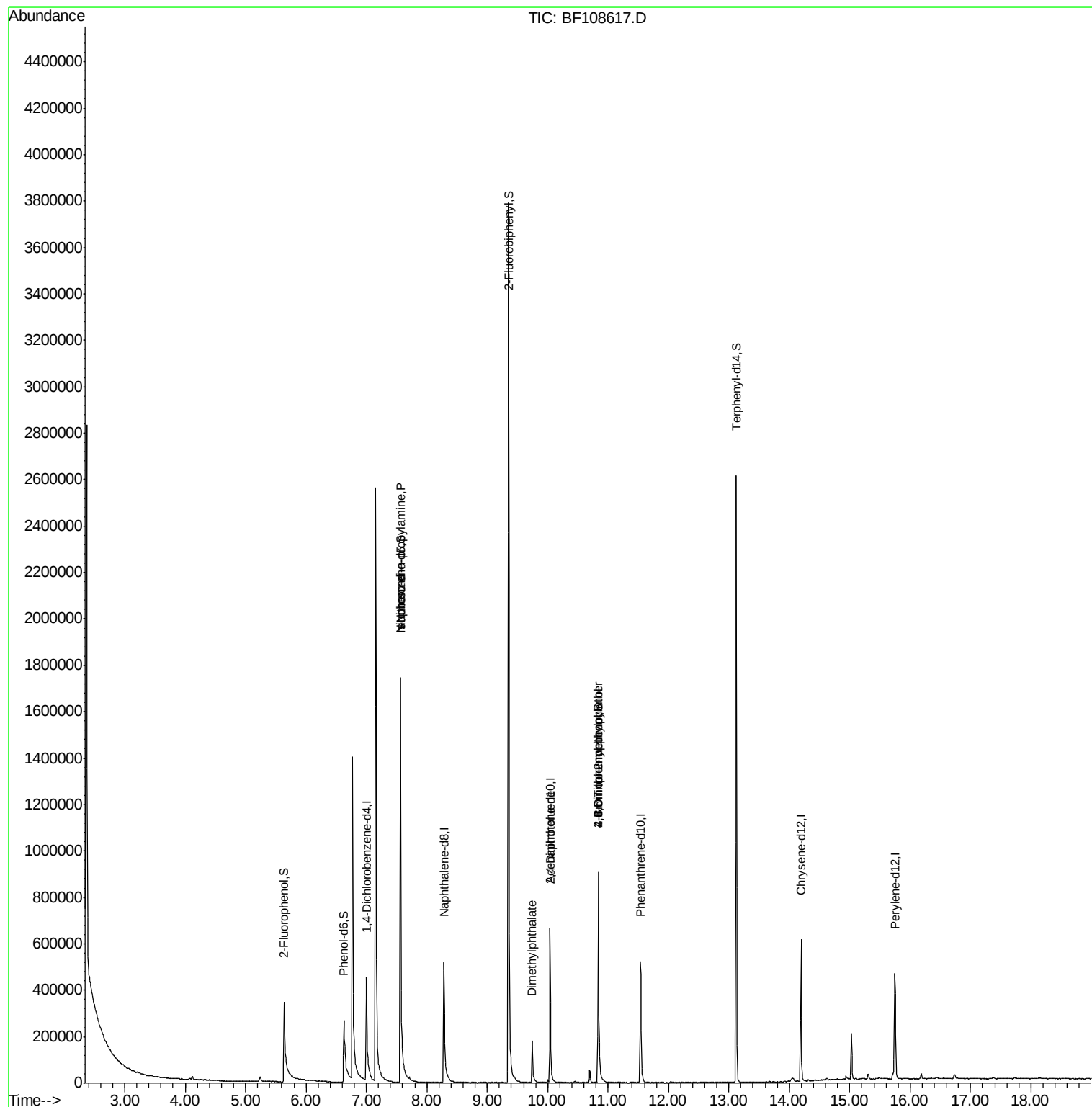
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112617	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	401095	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	163701	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	262355	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	259160	20.00	ng	0.00
86) Perylene-d12	15.75	264	255134	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	232815	37.43	ng	0.00
7) Phenol-d6	6.62	99	226574	27.41	ng	0.00
23) Nitrobenzene-d5	7.57	82	795498	110.67	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	150784	92.34	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1343139	131.73	ng	-0.01
78) Terphenyl-d14	13.12	244	989721	97.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	104096	18.623	ng	# 82
25) Isophorone	7.57	82	798108	58.254	ng	# 64
49) Dimethylphthalate	9.74	163	117163	10.275	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	19329	6.294	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	140	5.485	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9314	3.267	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
Data File : BF108617.D
Acq On : 29 Aug 2018 21:01
Operator : JU/SJ
Sample : J4683-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Aug 30 01:10:41 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



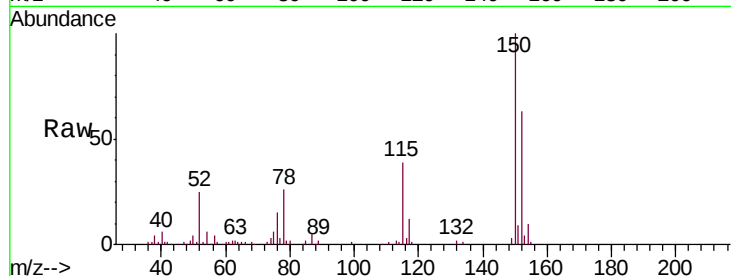


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108617.D
Acq: 29 Aug 2018 21:01

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	61.5	50.1	75.1

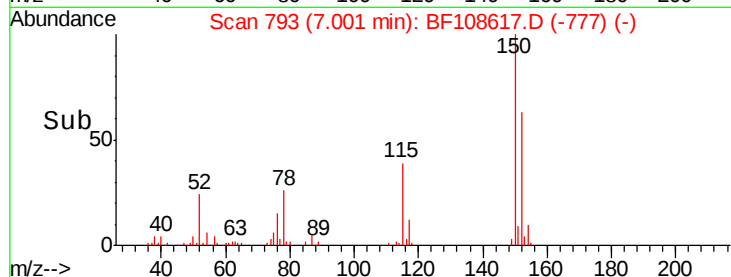
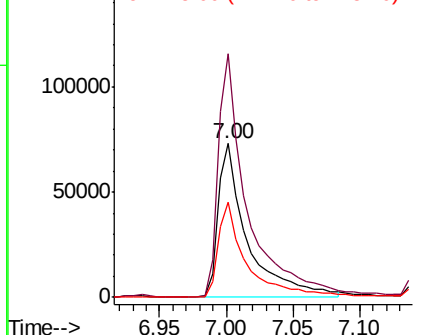


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

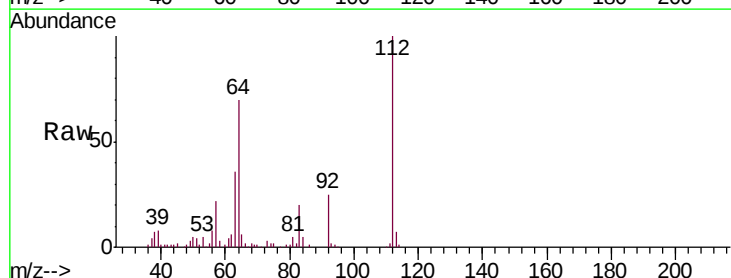
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.428 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108617.D
Acq: 29 Aug 2018 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	47.9	71.9
63	35.6	23.7	35.5#

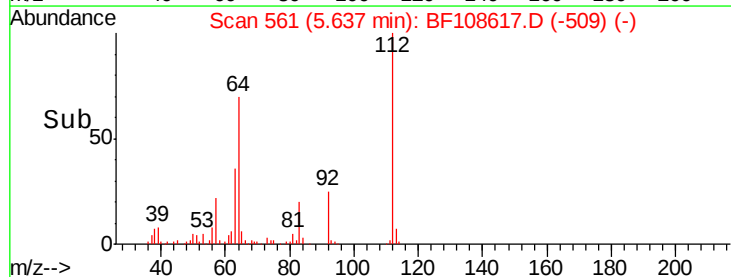
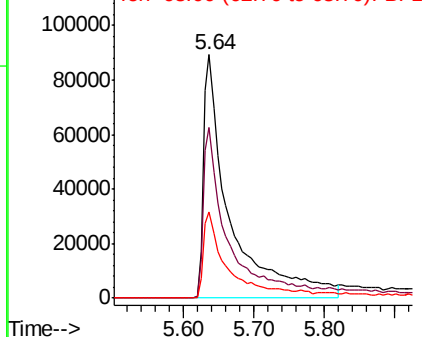


Abundance

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: 27.410 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108617.D

Acq: 29 Aug 2018 21:01

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-D-M

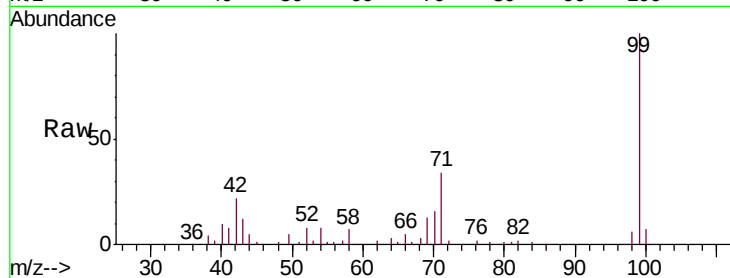
Tgt Ion: 99 Resp: 226574

Ion Ratio Lower Upper

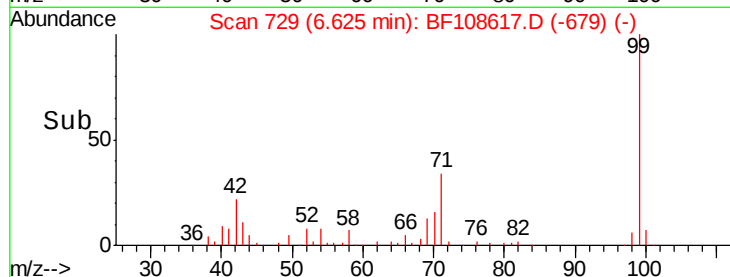
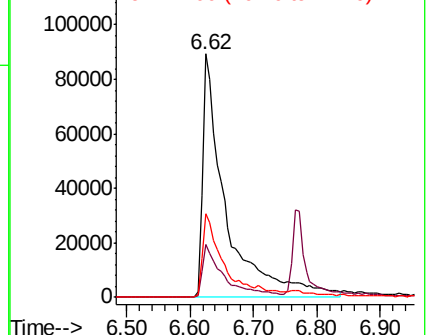
99 100

42 21.6 14.5 21.7

71 34.4 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: 18.623 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108617.D

Acq: 29 Aug 2018 21:01

Tgt Ion: 70 Resp: 104096

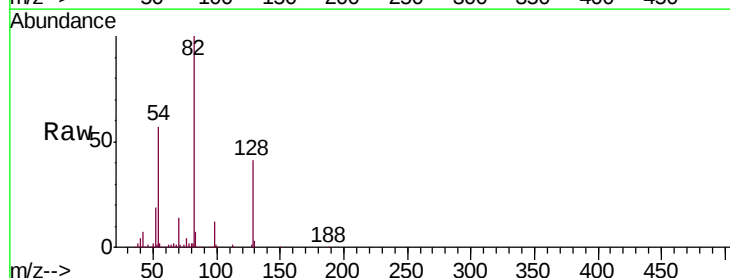
Ion Ratio Lower Upper

70 100

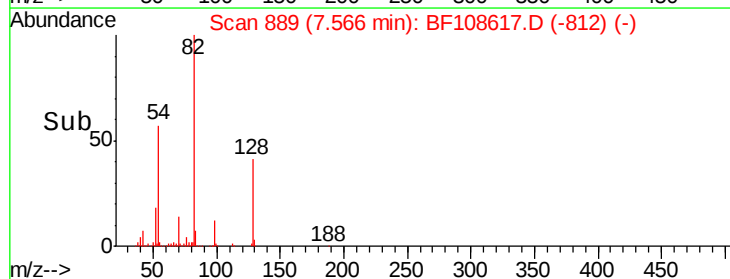
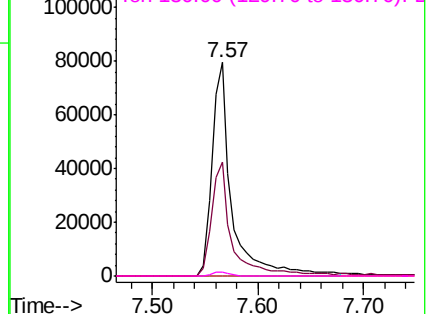
42 53.2 47.5 71.3

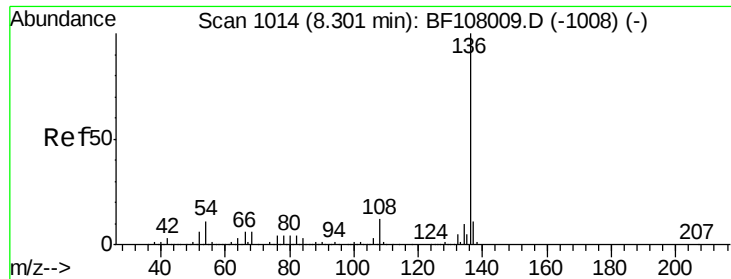
101 0.0 7.4 11.2#

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

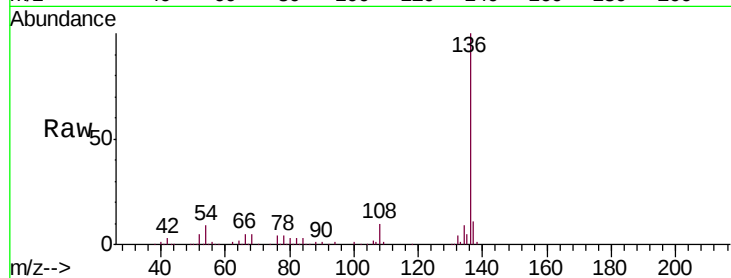




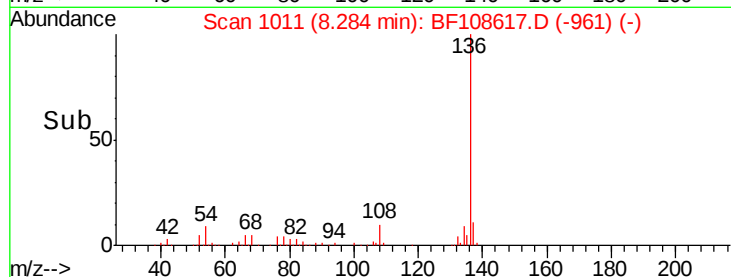
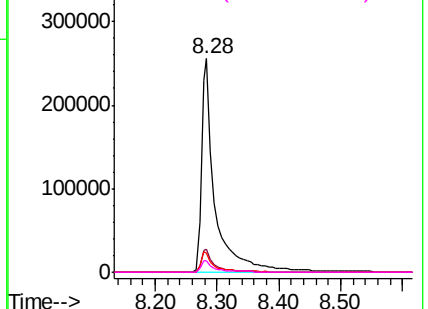
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108617.D
Acq: 29 Aug 2018 21:01

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

Tgt Ion:	136	Resp:	401095
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	5.2	5.0	7.4

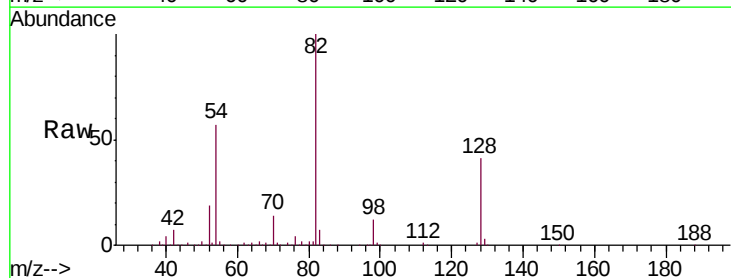


Abundance Ion 136.00 (135.70 to 136.70): E
400000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

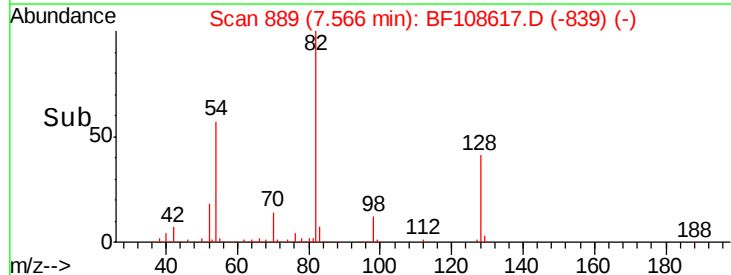
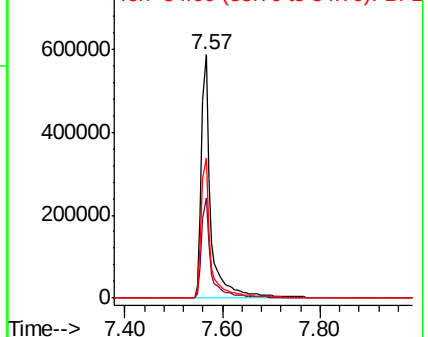


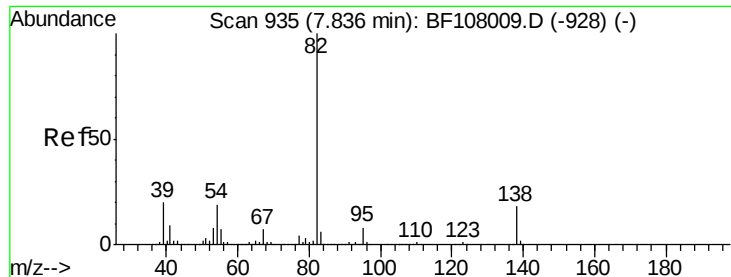
#23
Nitrobenzene-d5
Concen: 110.672 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108617.D
Acq: 29 Aug 2018 21:01

Tgt Ion:	82	Resp:	795498
Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	57.3	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 58.254 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108617.D

Acq: 29 Aug 2018 21:01

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-D-M

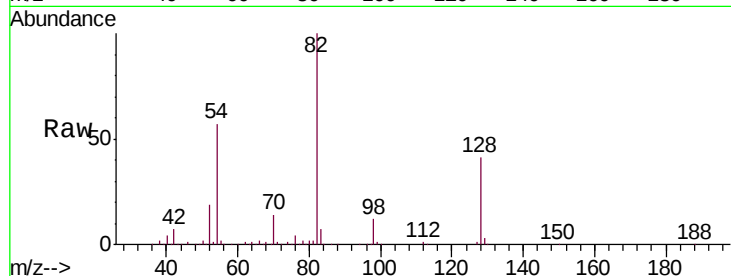
Tgt Ion: 82 Resp: 798108

Ion Ratio Lower Upper

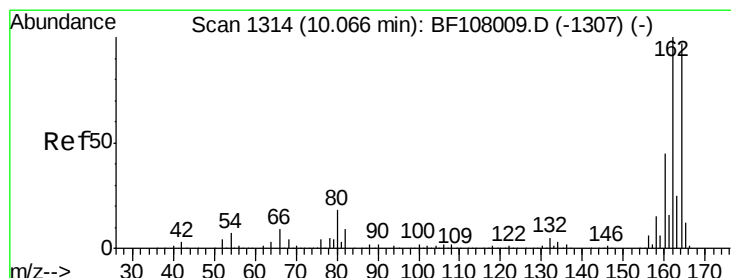
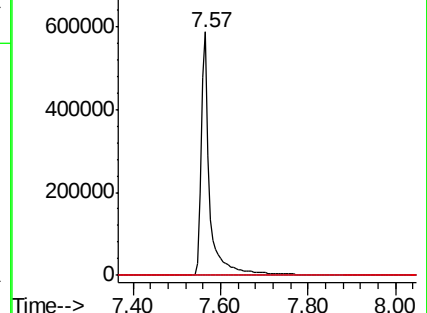
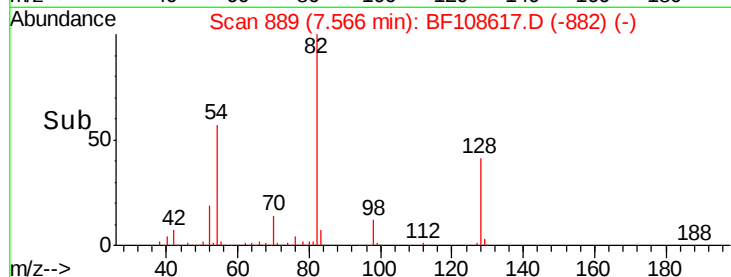
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
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: BF108617.D

Acq: 29 Aug 2018 21:01

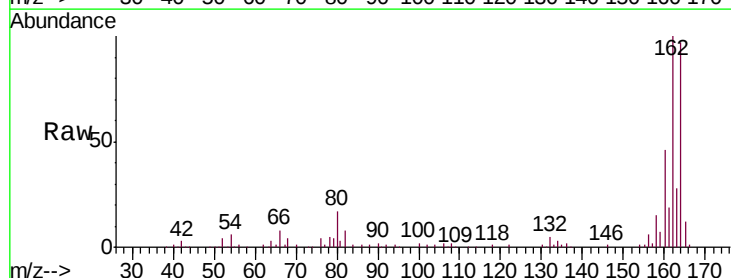
Tgt Ion: 164 Resp: 163701

Ion Ratio Lower Upper

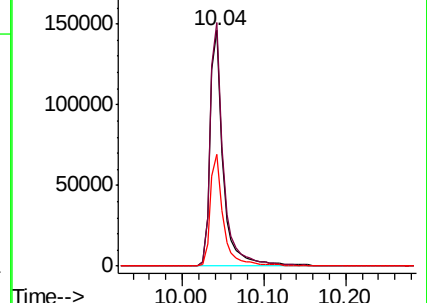
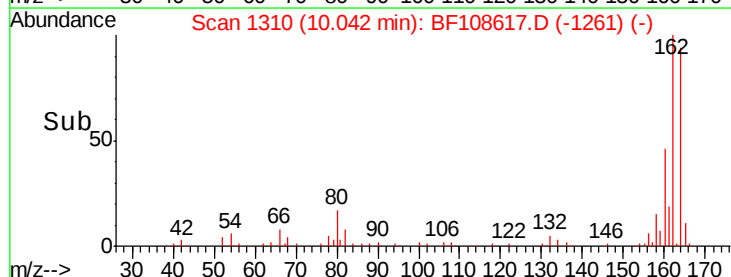
164 100

162 103.2 86.1 129.1

160 47.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
200000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

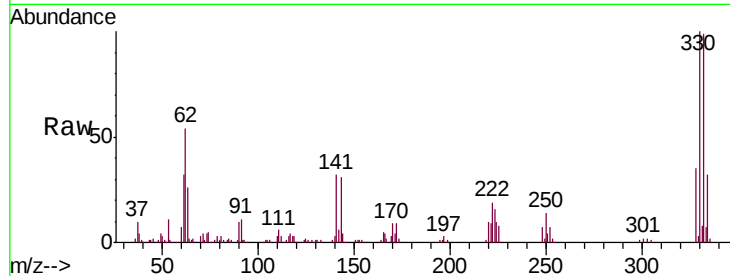




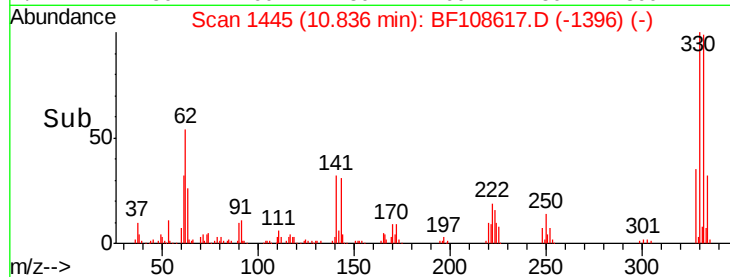
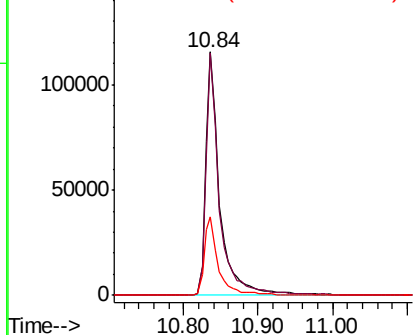
#41
 2,4,6-Tribromophenol
 Concen: 92.343 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

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

Tgt Ion:330 Resp: 150784
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 32.9 29.9 44.9

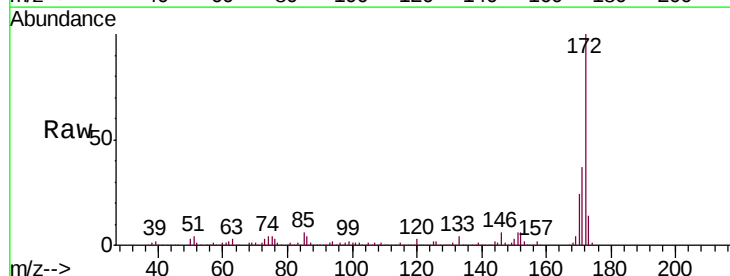


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

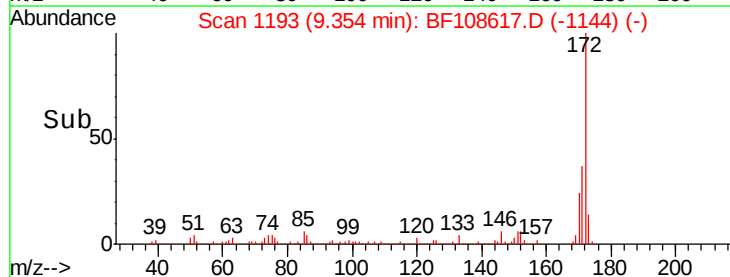
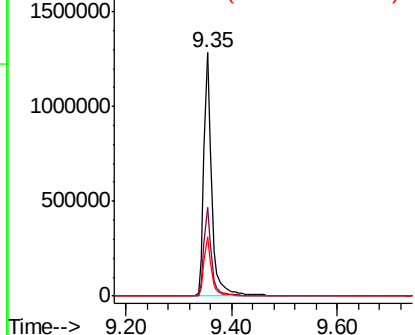


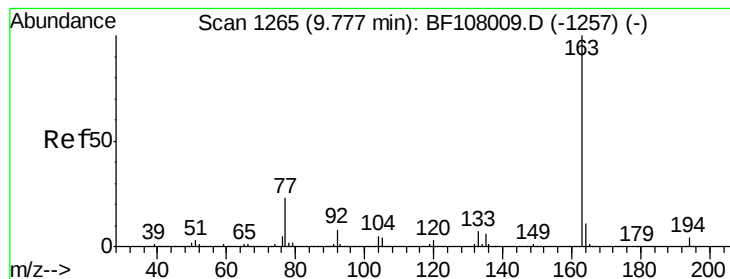
#44
 2-Fluorobiphenyl
 Concen: 131.726 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

Tgt Ion:172 Resp: 1343139
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 10.275 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108617.D

Acq: 29 Aug 2018 21:01

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-D-M

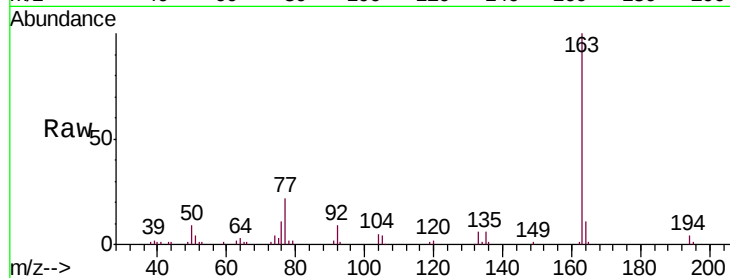
Tgt Ion:163 Resp: 117163

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

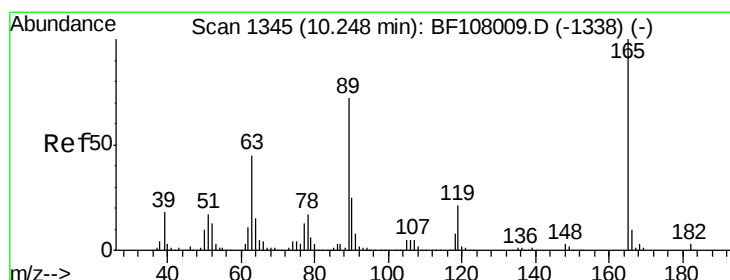
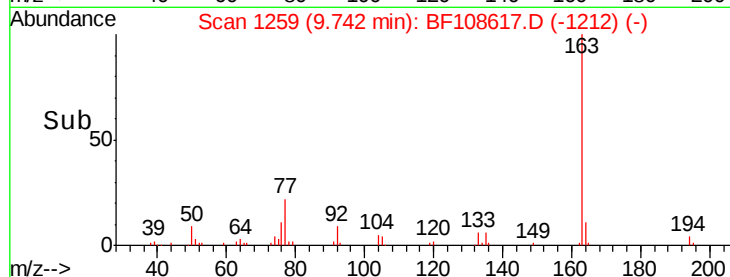
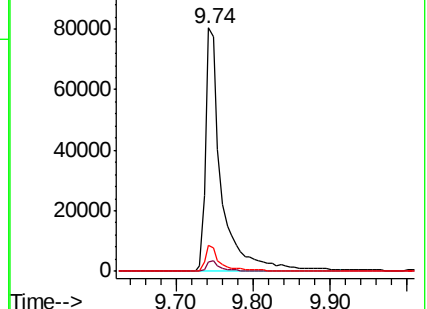
164 10.6 8.2 12.2



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: 6.294 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108617.D

Acq: 29 Aug 2018 21:01

Tgt Ion:165 Resp: 19329

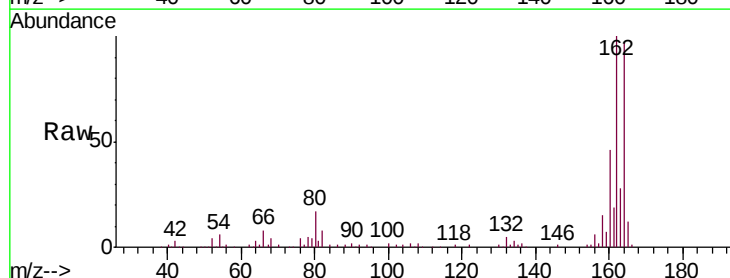
Ion Ratio Lower Upper

165 100

63 1.9 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

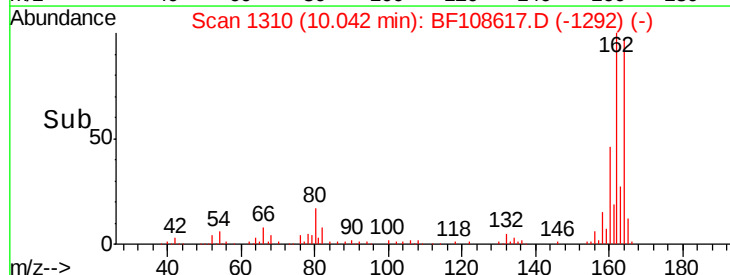
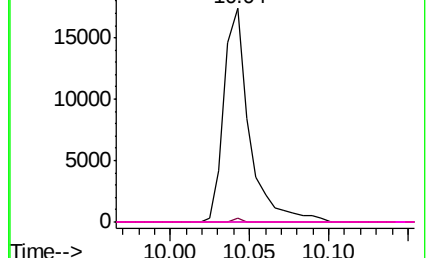


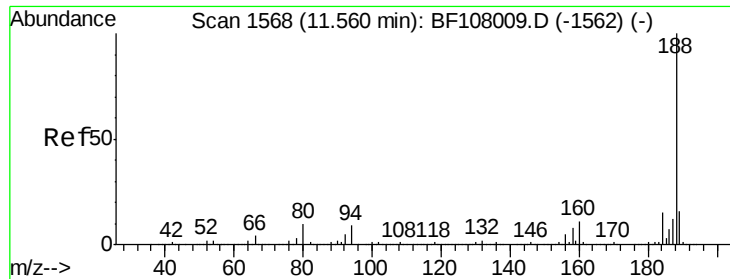
Abundance Ion 165.00 (164.70 to 165.70): E

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

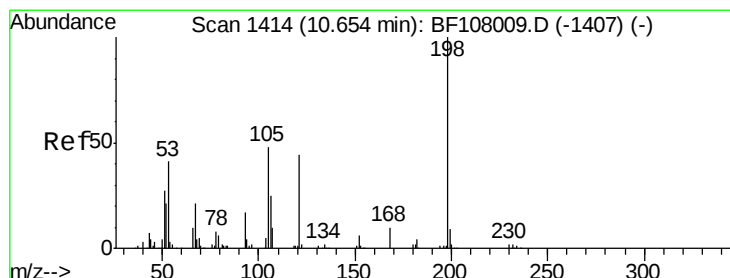
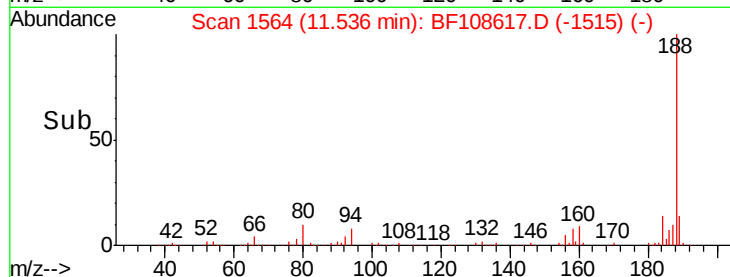
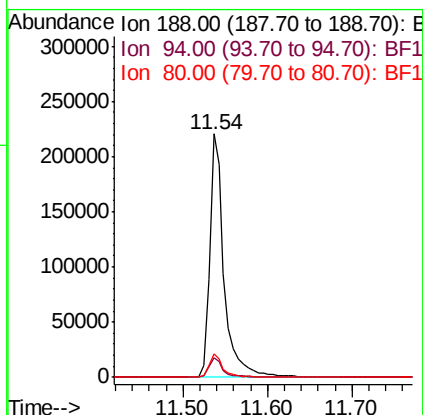
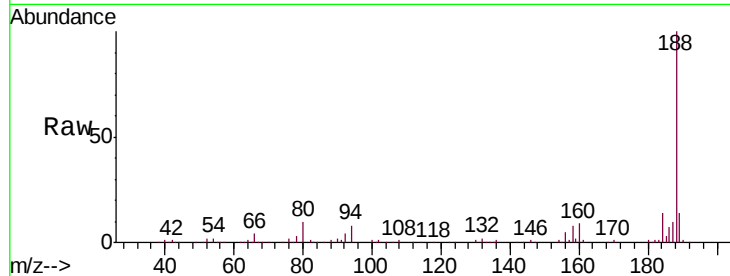




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

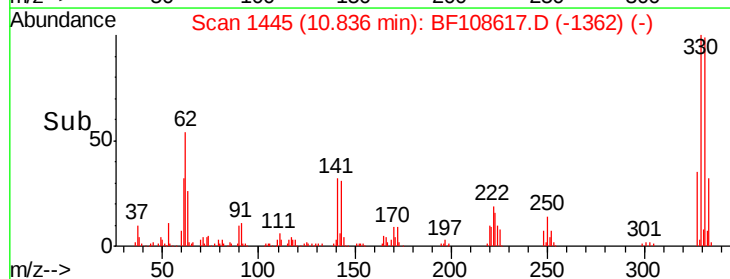
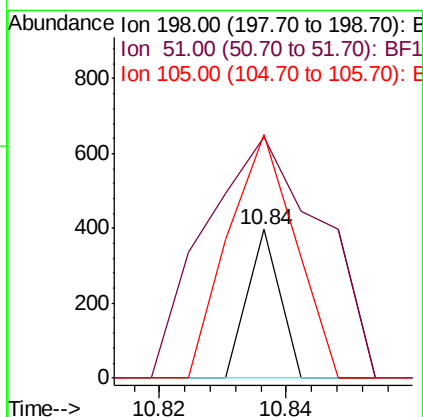
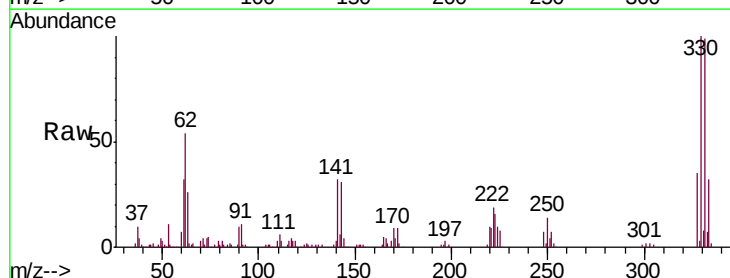
Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-D-M

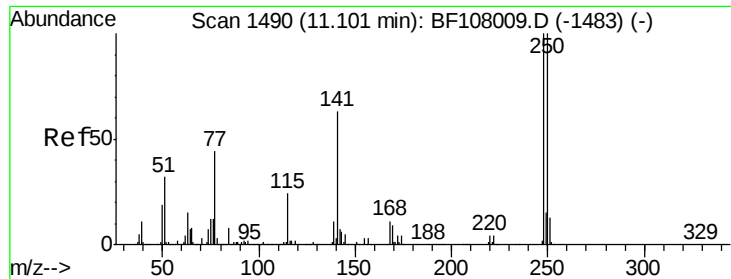
Tgt Ion:188 Resp: 262355
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.485 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

Tgt Ion:198 Resp: 140
 Ion Ratio Lower Upper
 198 100
 51 162.2 37.7 77.7#
 105 164.0 36.3 76.3#

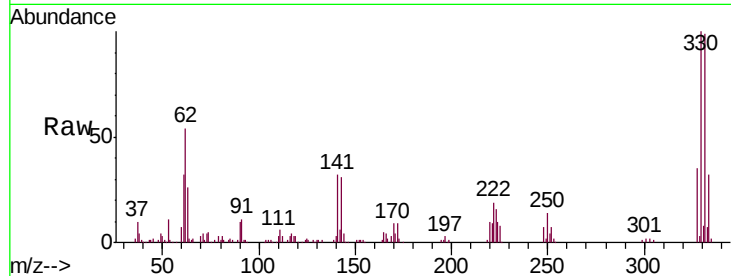




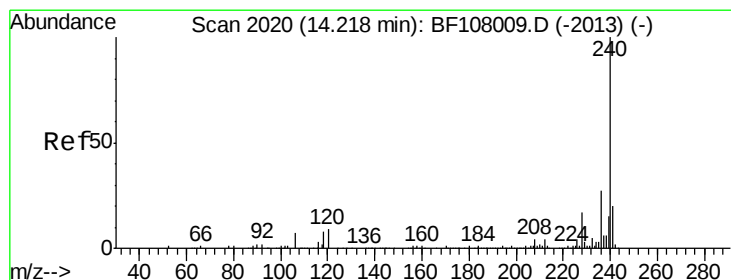
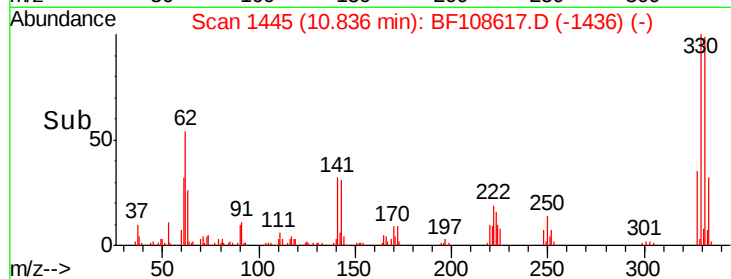
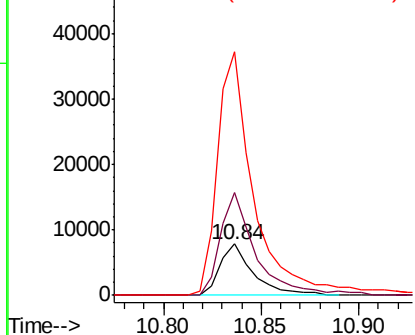
#66
 4-Bromophenyl-phenylether
 Concen: 3.267 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

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

Tgt Ion:248 Resp: 9314
 Ion Ratio Lower Upper
 248 100
 250 199.5 76.9 115.3#
 141 472.5 74.4 111.6#

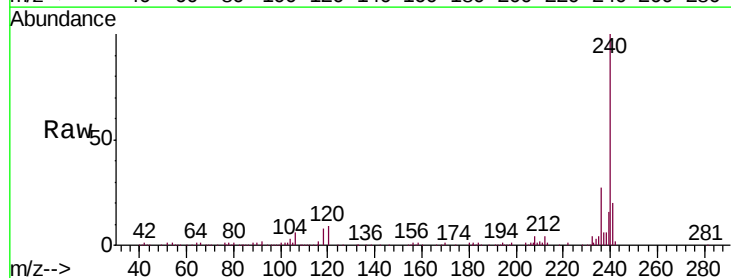


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

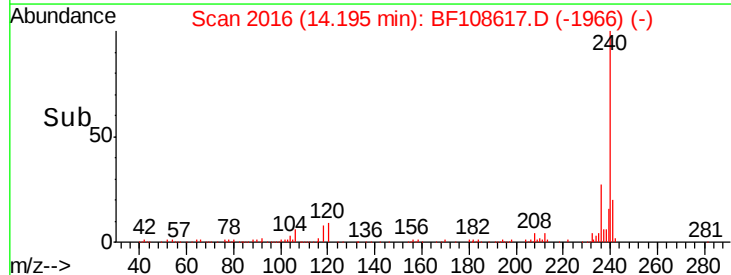
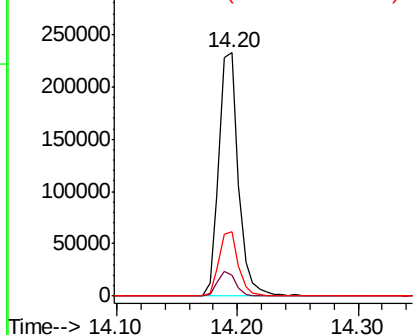


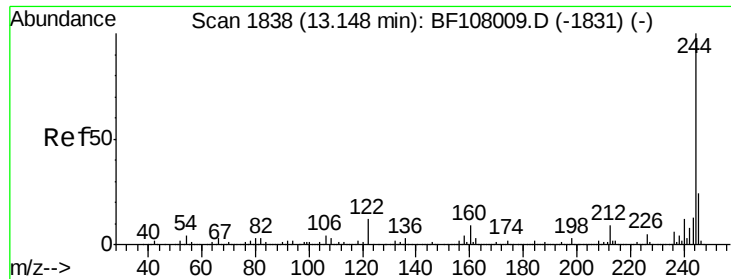
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

Tgt Ion:240 Resp: 259160
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 26.7 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

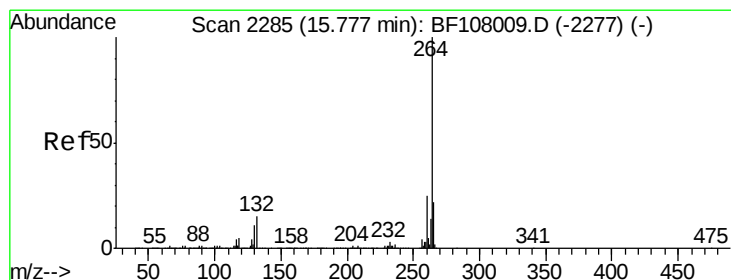
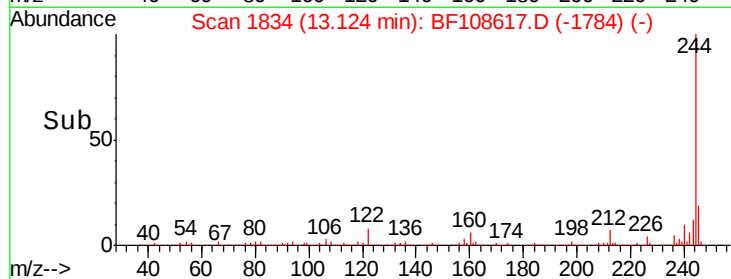
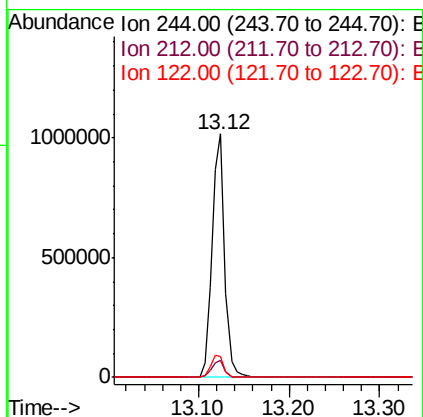
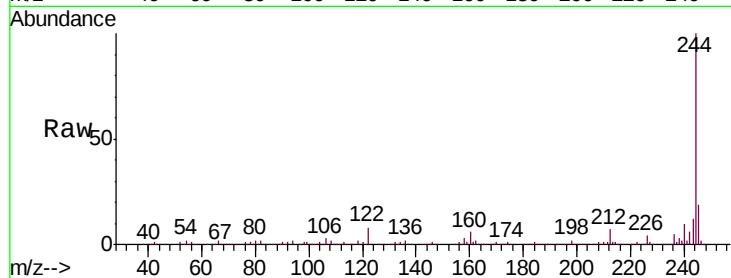




#78
 Terphenyl-d14
 Concen: 97.100 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

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

Tgt Ion: 244 Resp: 989721
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 8.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108617.D
 Acq: 29 Aug 2018 21:01

Tgt Ion: 264 Resp: 255134
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.1 17.5 26.3

