

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108680.D
 Acq On : 31 Aug 2018 9:56
 Operator : JU/SJ
 Sample : J4700-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 10:44:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

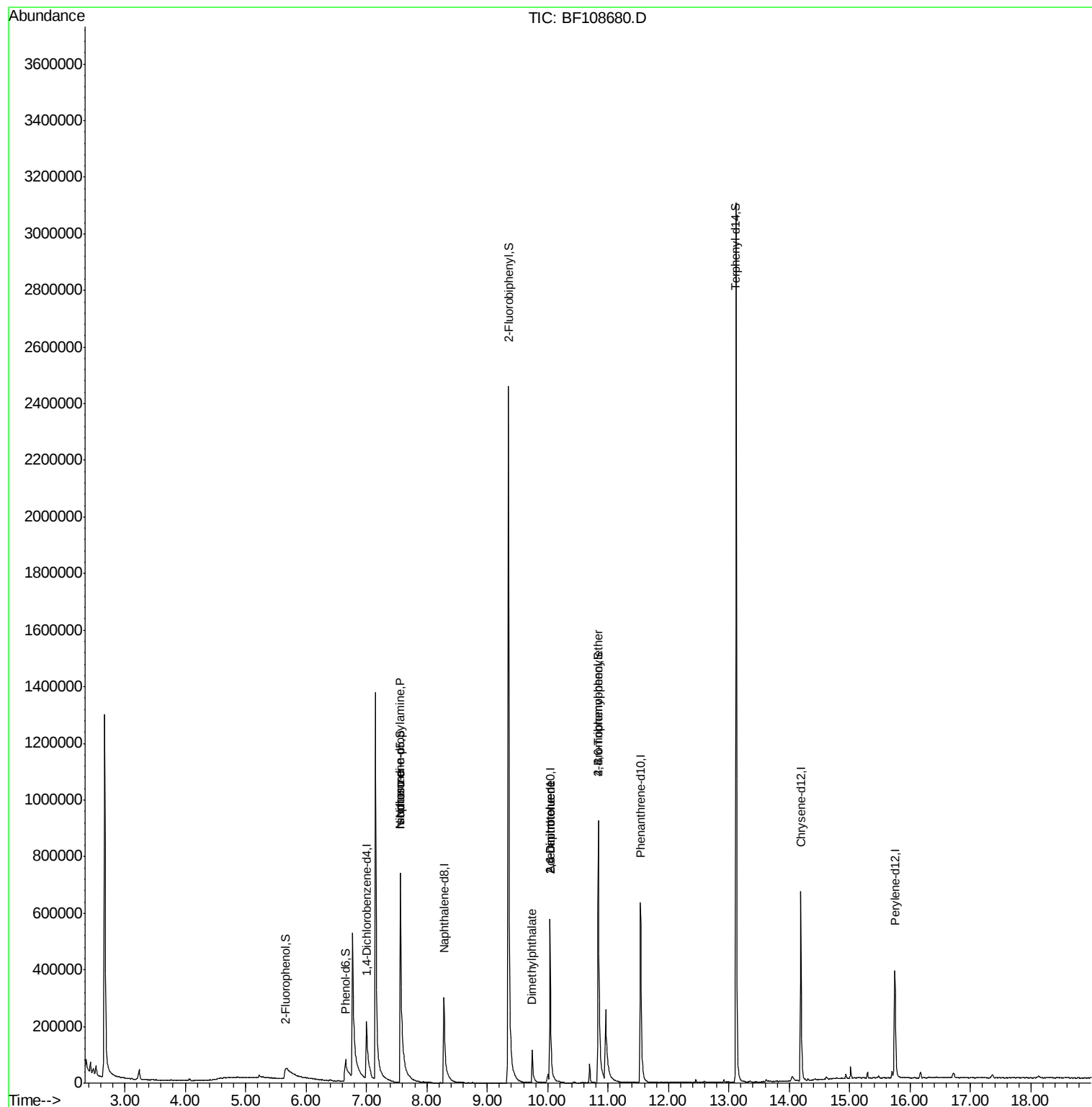
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	77583	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	332298	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	170269	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	375528	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	312171	20.00	ng	-0.01
86) Perylene-d12	15.75	264	257407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	20967	4.69	ng	0.02
7) Phenol-d6	6.65	99	94549	14.78	ng	0.00
23) Nitrobenzene-d5	7.56	82	546857	83.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	191327	85.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1150010	90.81	ng	0.00
78) Terphenyl-d14	13.12	244	1331134	82.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	64924	15.157	ng	# 85
25) Isophorone	7.56	82	546857	50.285	ng	# 64
49) Dimethylphthalate	9.74	163	89114	6.646	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	21775	7.368	ng	# 27
56) 2,4-Dinitrotoluene	10.04	165	22367	5.716	ng	# 25
66) 4-Bromophenyl-phenylether	10.84	248	12544	2.718	ng	# 1

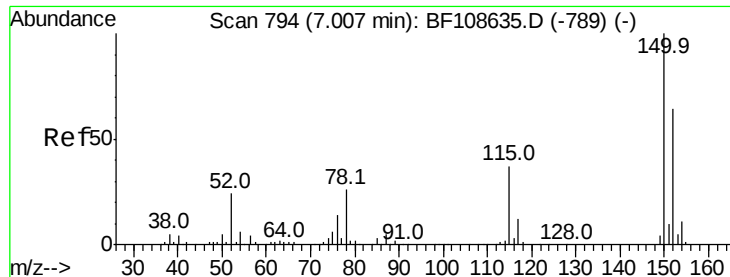
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108680.D
Acq On : 31 Aug 2018 9:56
Operator : JU/SJ
Sample : J4700-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 10:44:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



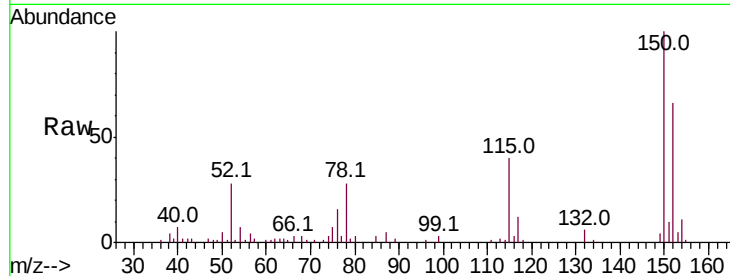


#1

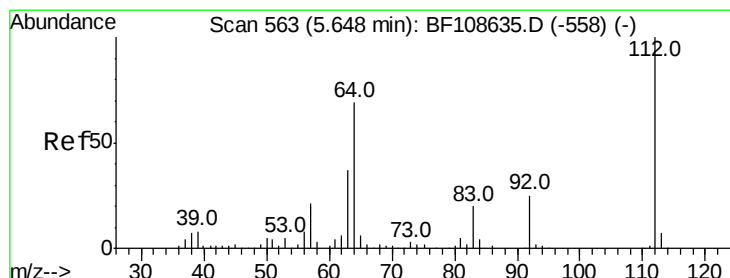
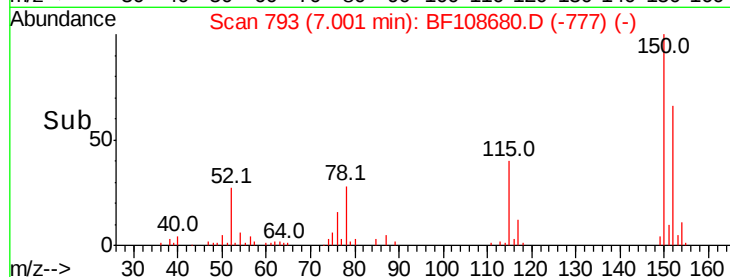
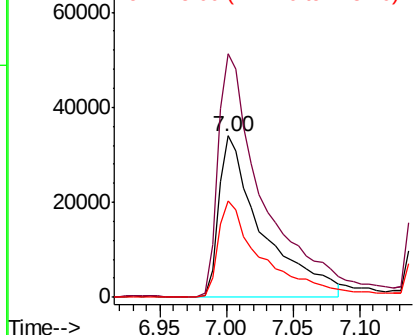
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	59.8	50.1	75.1



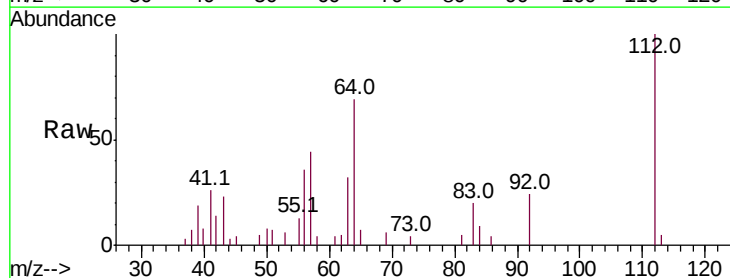
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



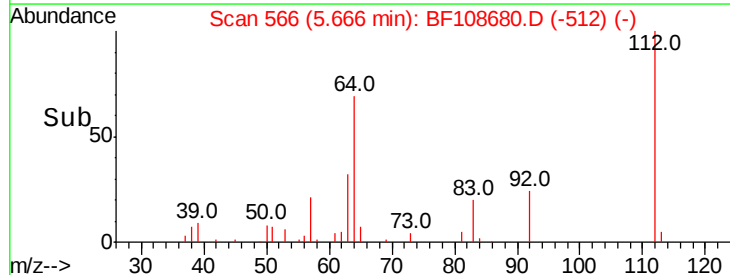
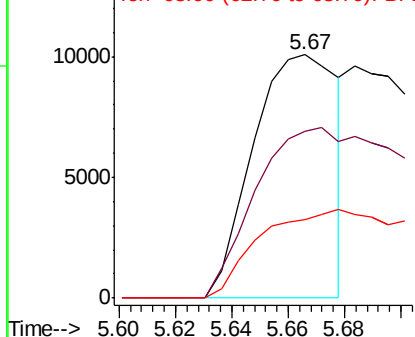
#5

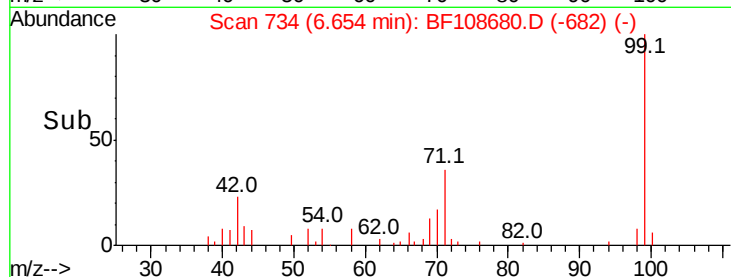
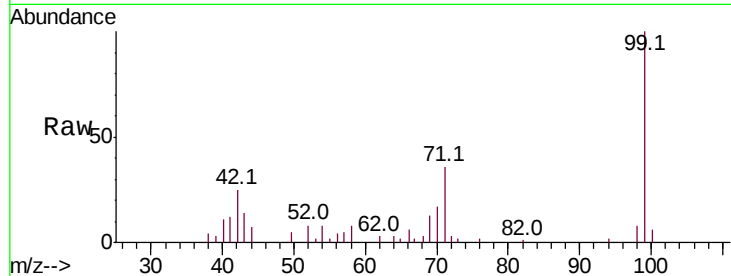
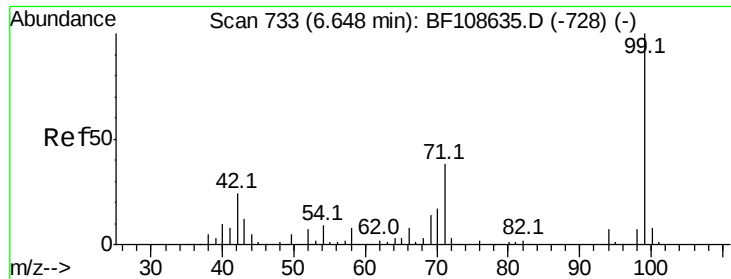
2-Fluorophenol
Concen: 4.695 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	47.9	71.9
63	32.4	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: 14.782 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Instrument :

BNA_F

ClientSampleId :

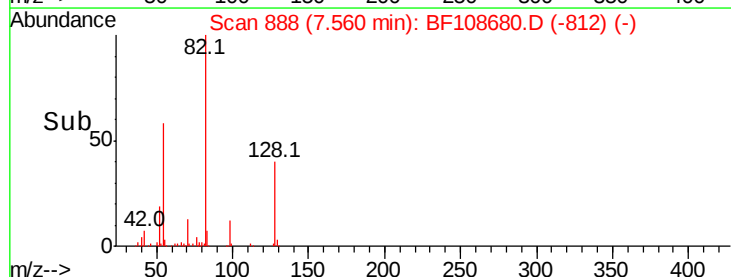
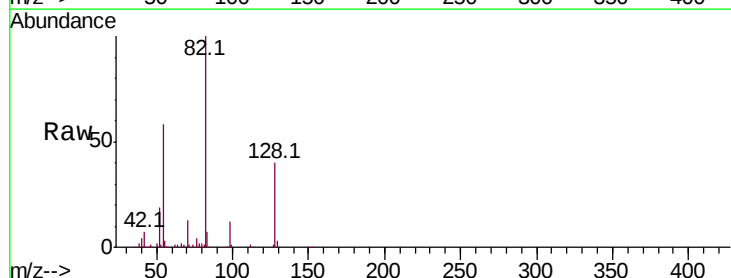
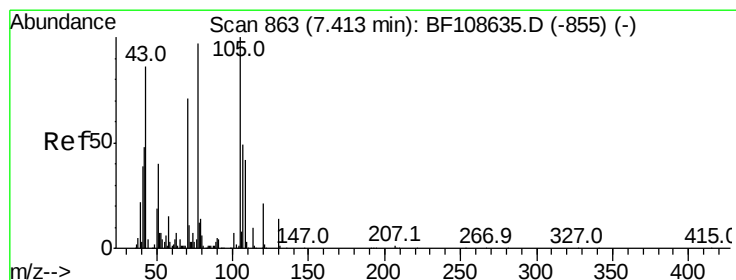
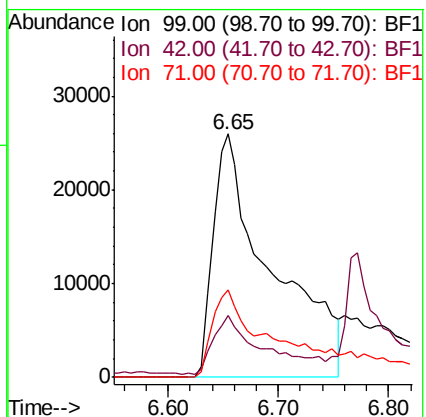
Tot Ion: 99 Resp: 94549

Ion Ratio Lower Upper

99 100

42 25.4 14.5 21.7#

71 36.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.157 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Tgt Ion: 70 Resp: 64924

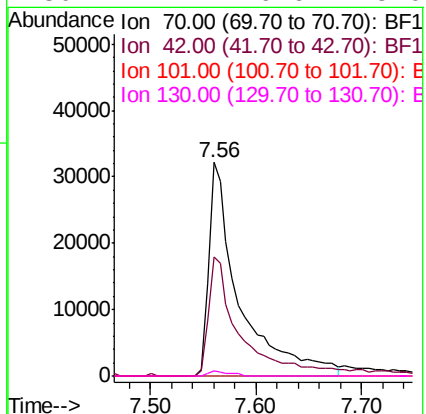
Ion Ratio Lower Upper

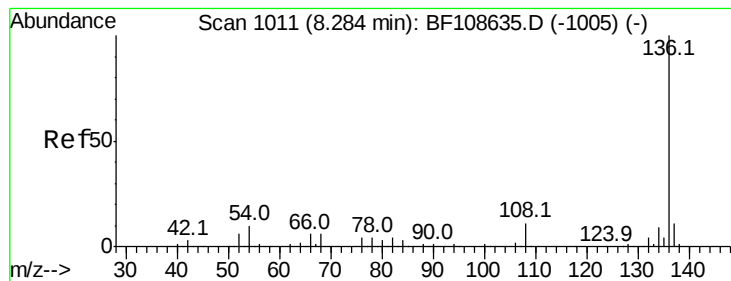
70 100

42 55.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 332298

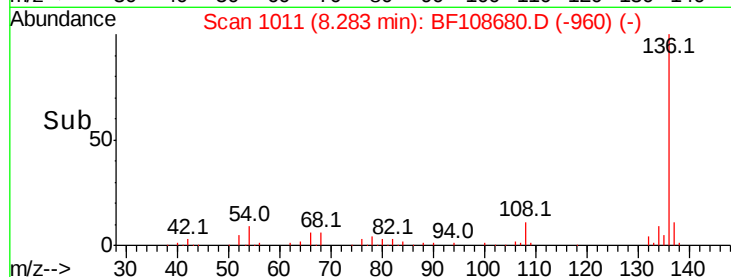
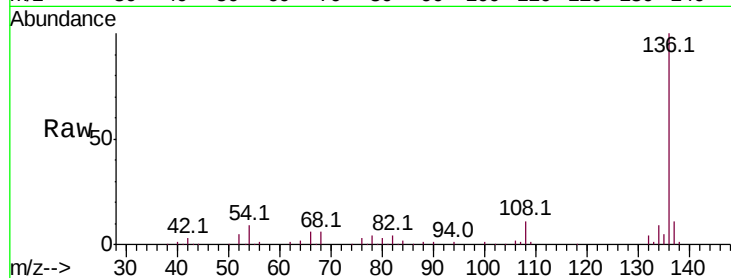
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.2 6.6 9.8

68 5.7 5.0 7.4

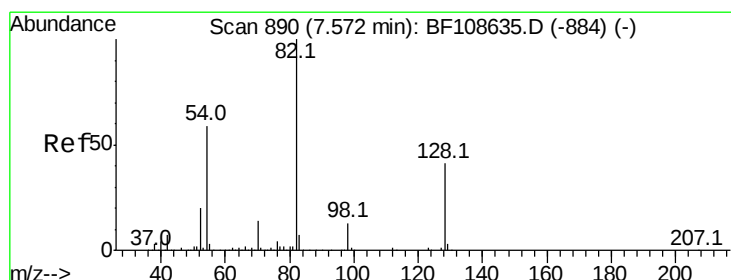
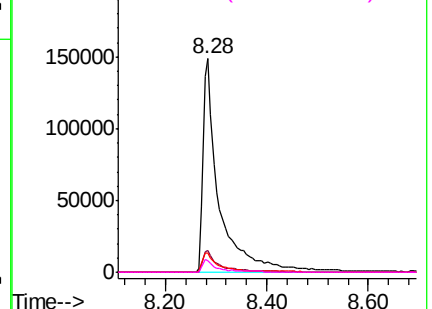


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.533 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

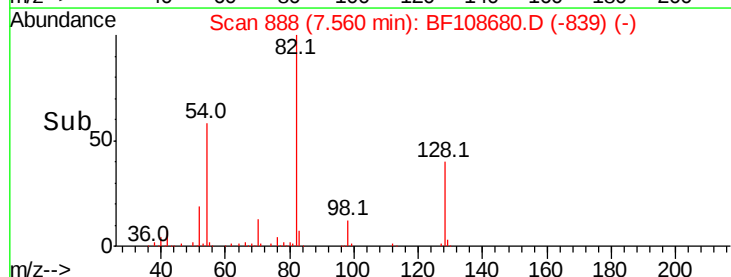
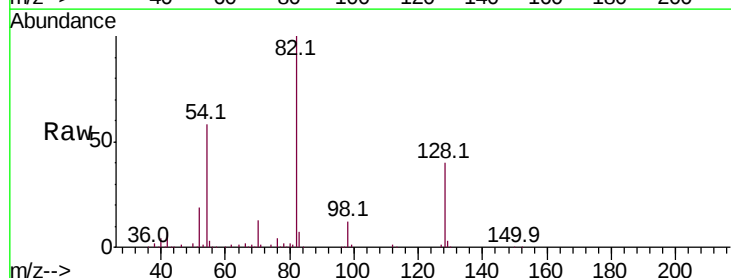
Tgt Ion: 82 Resp: 546857

Ion Ratio Lower Upper

82 100

128 40.3 36.1 54.1

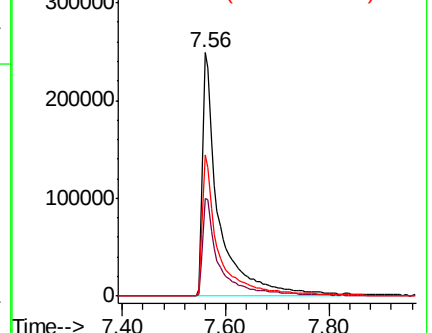
54 58.1 41.4 62.2

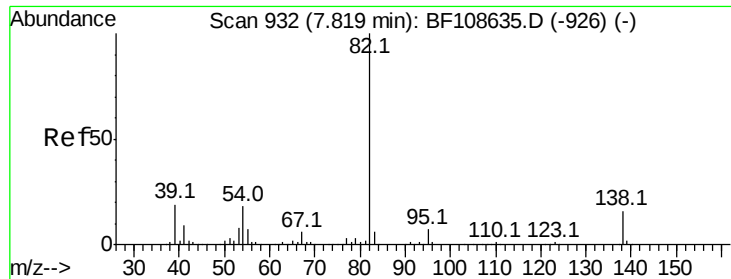


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.285 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Instrument :

BNA_F

ClientSampleId :

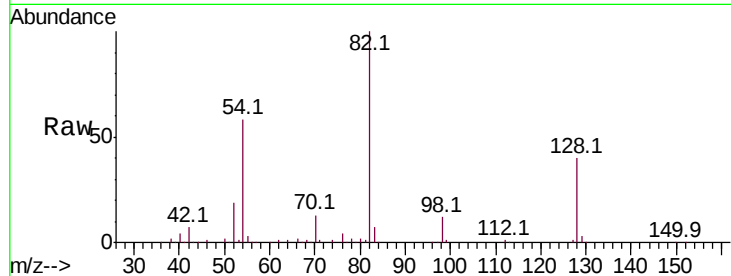
Tot Ion: 82 Resp: 546857

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

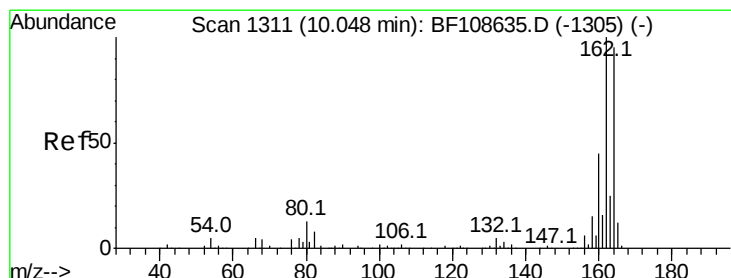
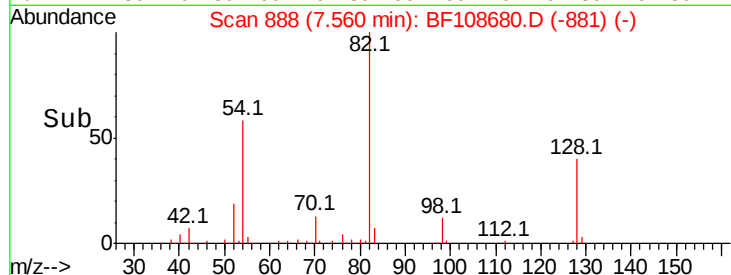
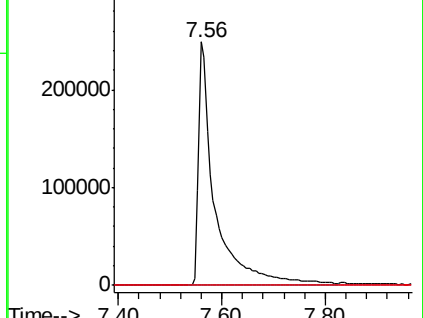
138 0.0 14.9 22.3#



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# 1309

Delta R.T. -0.01 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

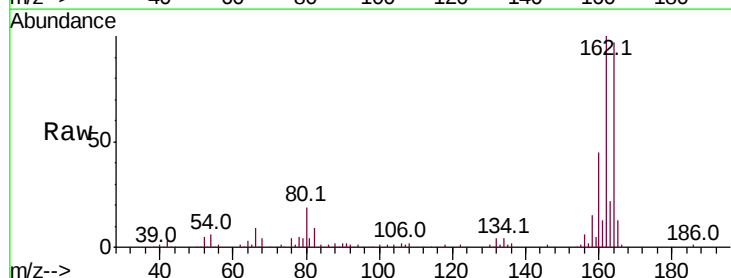
Tgt Ion:164 Resp: 170269

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

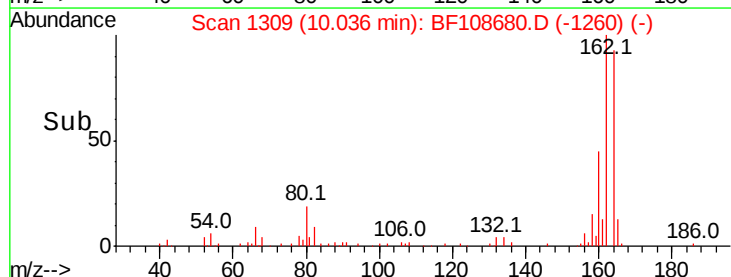
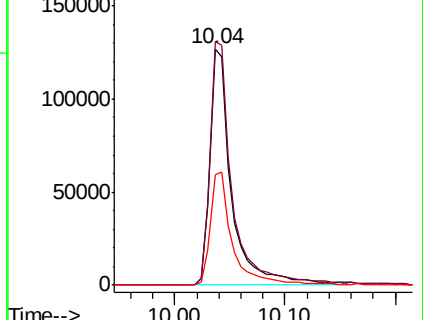
160 46.6 38.3 57.5

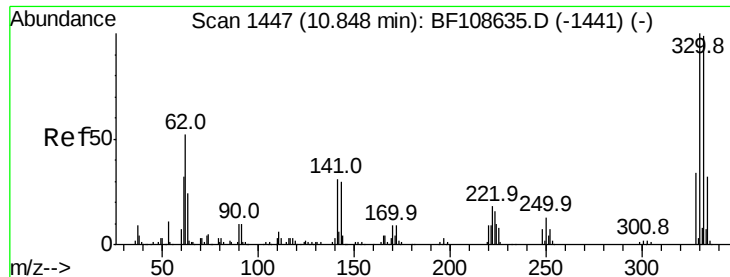


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 85.119 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Instrument :

BNA_F

ClientSampleId :

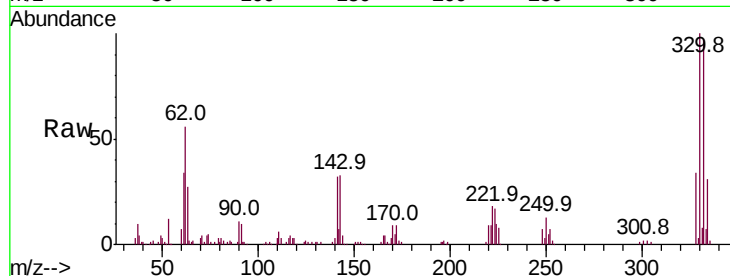
Tot Ion:330 Resp: 191327

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

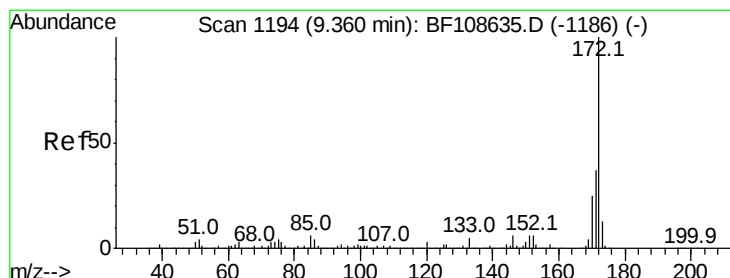
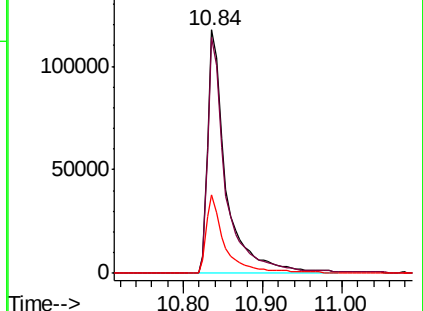
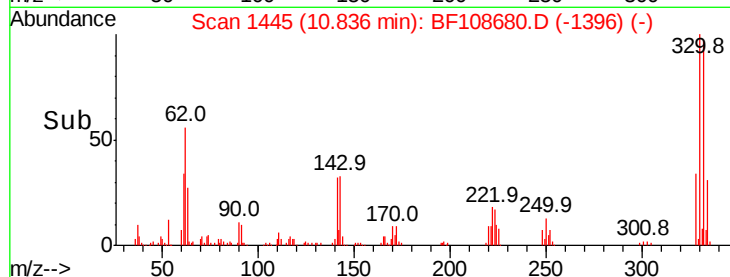
141 31.8 29.9 44.9



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: 90.814 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

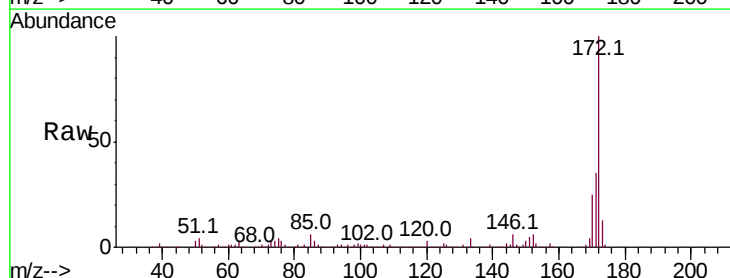
Tgt Ion:172 Resp: 1150010

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

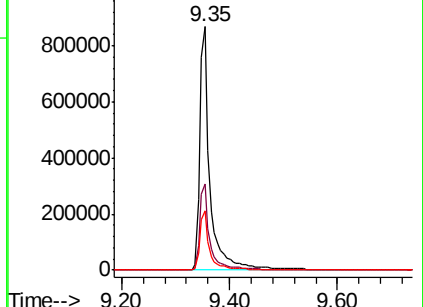
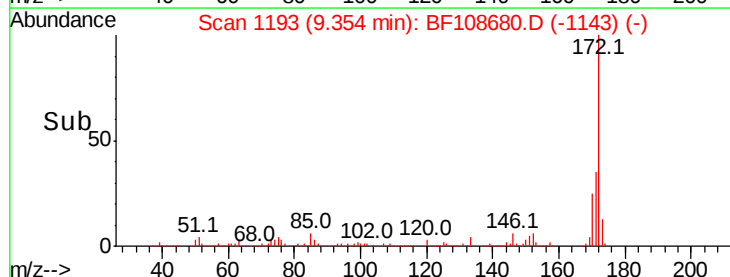
170 24.5 19.6 29.4

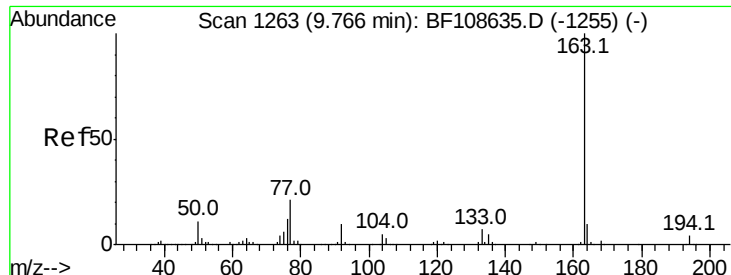


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.646 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

Instrument :

BNA_F

ClientSampleId :

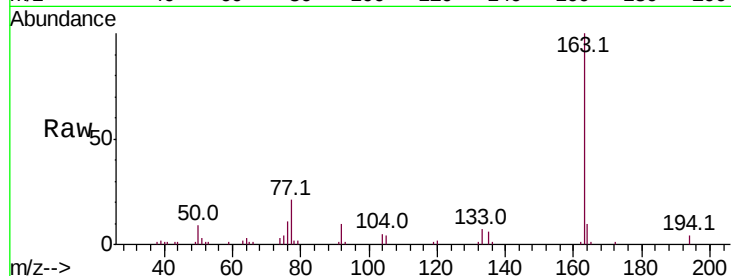
Tot Ion:163 Resp: 89114

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

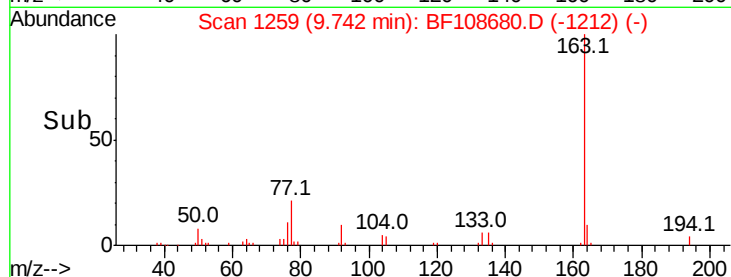
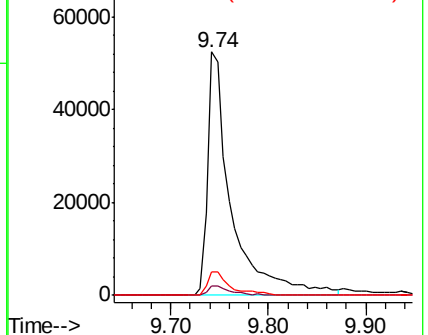
164 9.8 8.2 12.2



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: 7.368 ng

RT: 10.04 min Scan# 1309

Delta R.T. 0.20 min

Lab File: BF108680.D

Acq: 31 Aug 2018 9:56

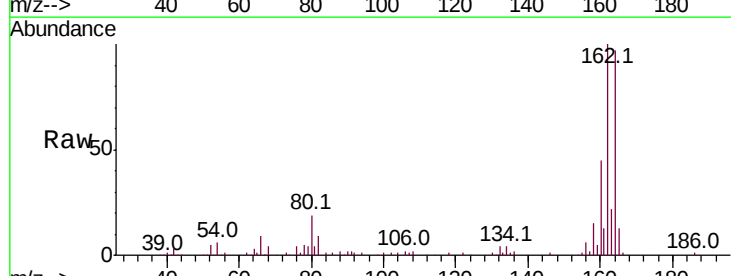
Tgt Ion:165 Resp: 21775

Ion Ratio Lower Upper

165 100

63 2.5 44.7 67.1#

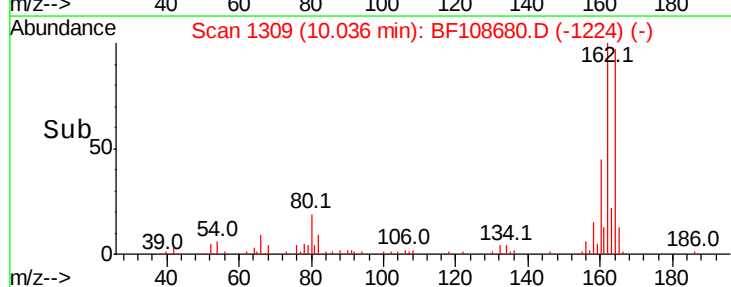
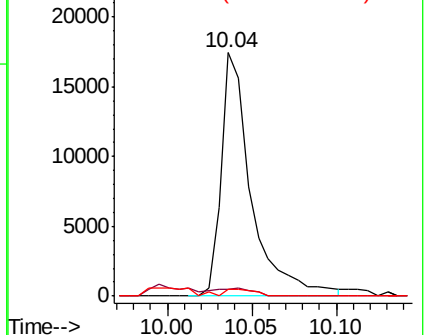
89 2.9 44.0 66.0#

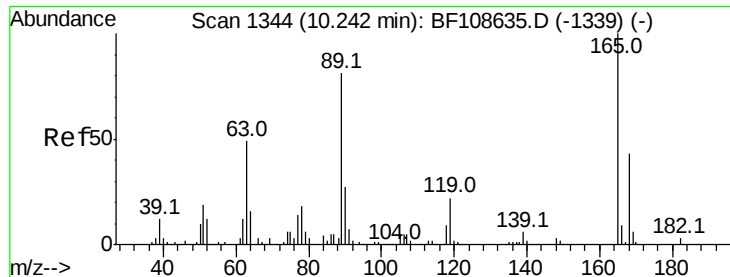


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

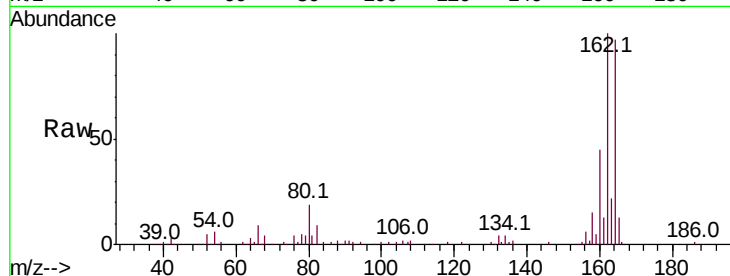




#56
2,4-Dinitrotoluene
Concen: 5.716 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	2.9	57.8	86.6#
182	0.0	1.6	2.4#



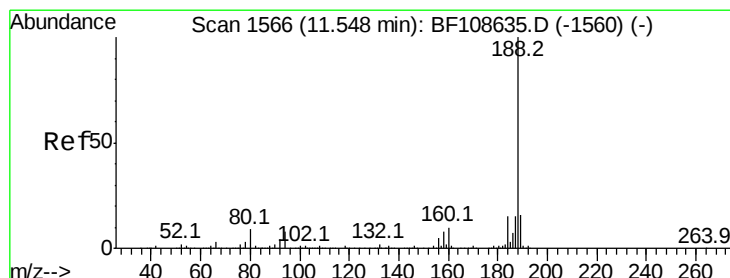
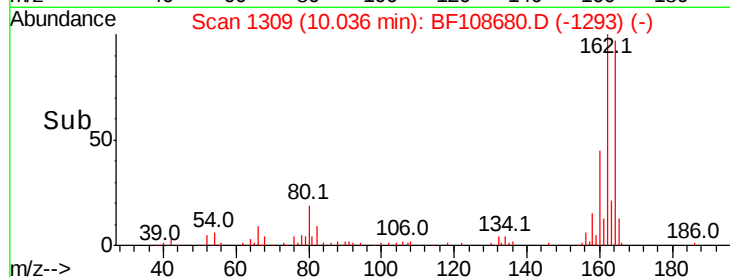
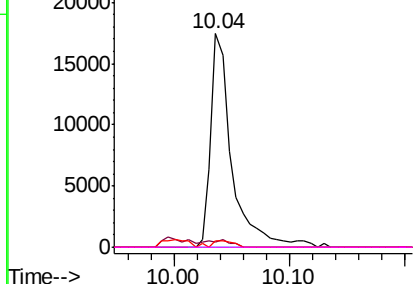
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

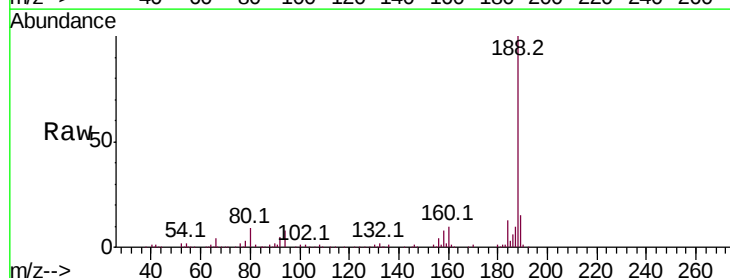
Ion 89.00 (88.70 to 89.70): BF1

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: BF108680.D
Acq: 31 Aug 2018 9:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.3	9.2	13.8

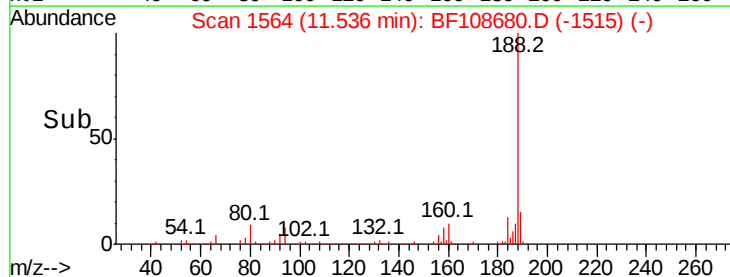
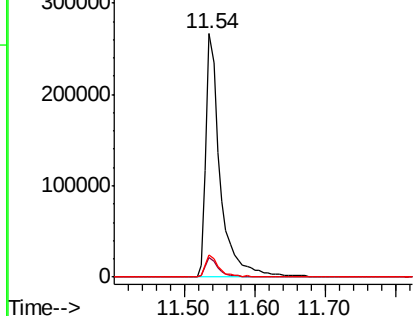


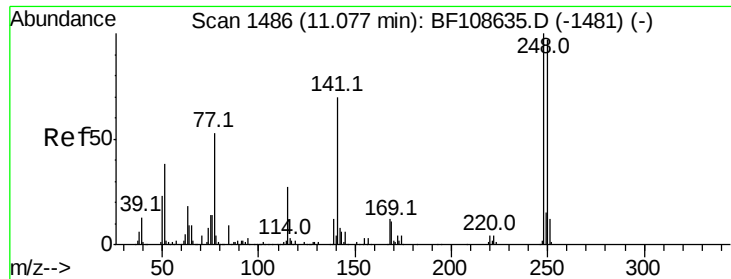
Abundance

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

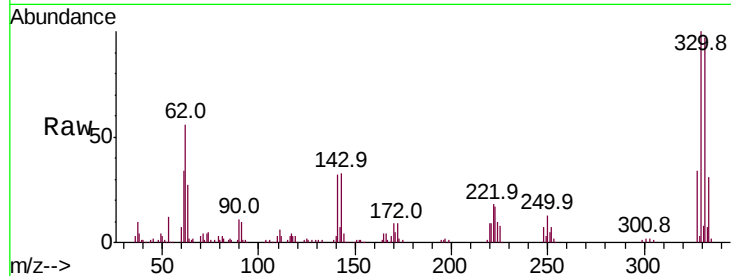




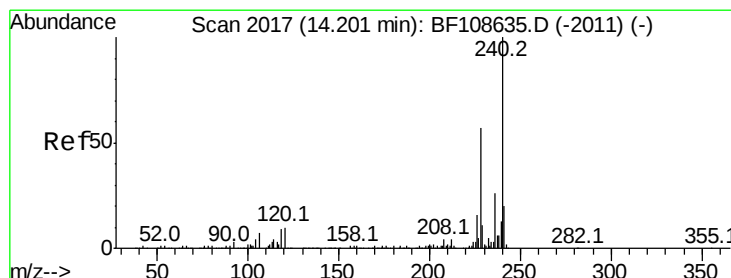
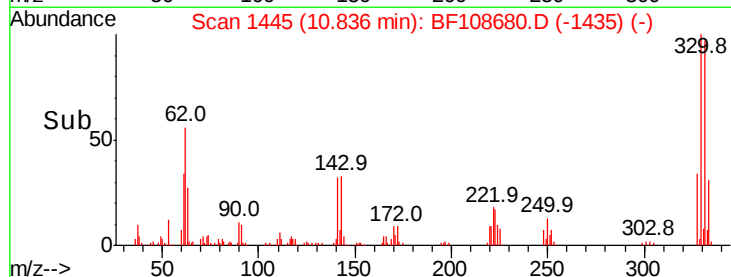
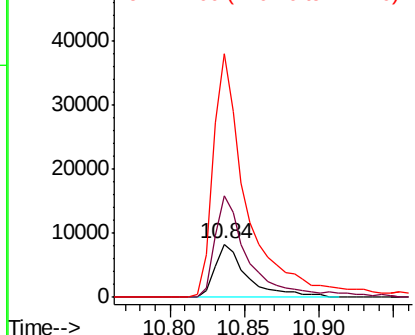
#66
4-Bromophenyl-phenylether
Concen: 2.718 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12544
Ion Ratio Lower Upper
248 100
250 189.5 76.9 115.3#
141 455.8 74.4 111.6#

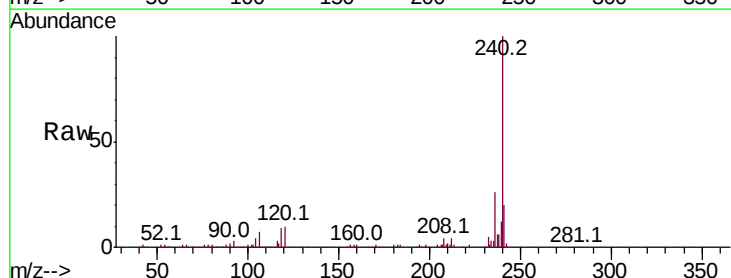


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

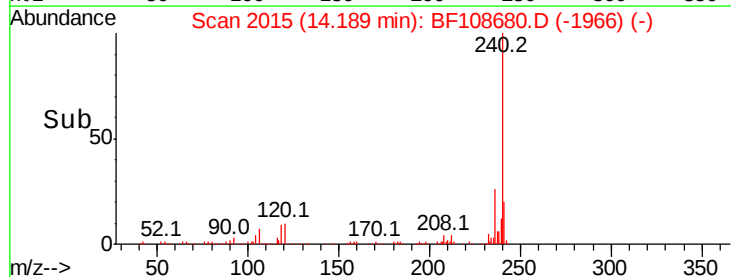
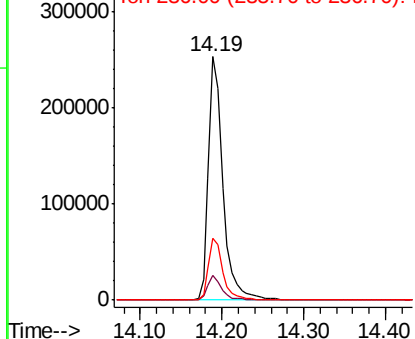


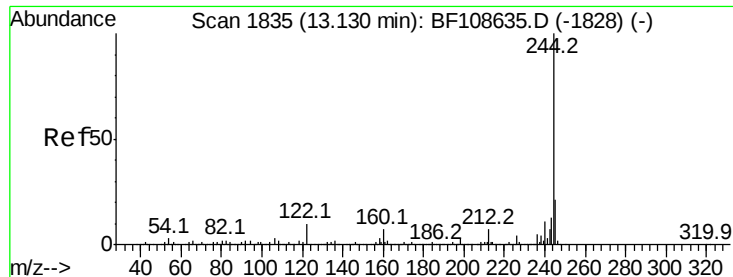
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108680.D
Acq: 31 Aug 2018 9:56

Tgt Ion:240 Resp: 312171
Ion Ratio Lower Upper
240 100
120 10.2 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



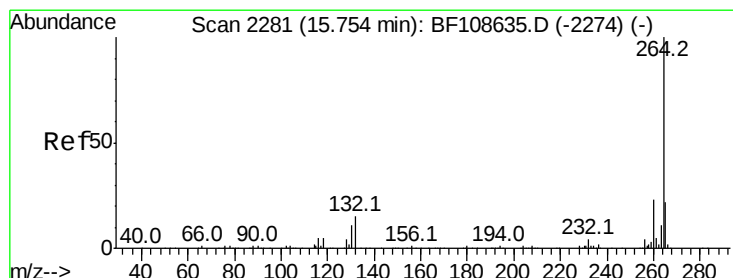
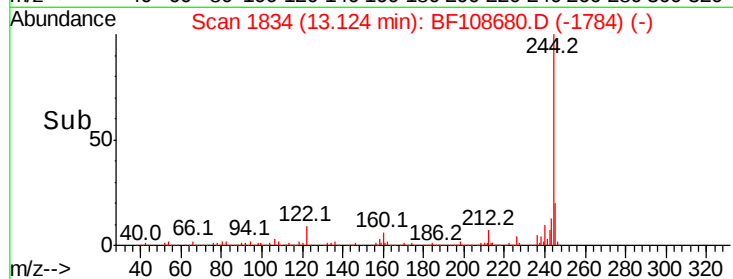
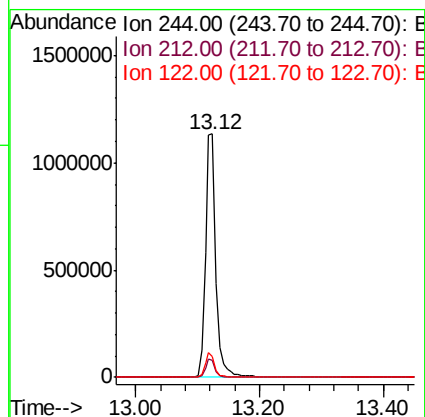
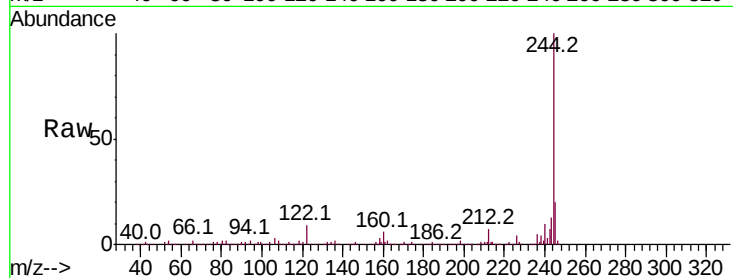


#78
 Terphenyl-d14
 Concen: 82.850 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108680.D
 Acq: 31 Aug 2018 9:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1331134

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.7	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: BF108680.D
 Acq: 31 Aug 2018 9:56

Tgt Ion:264 Resp: 257407

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

