

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108682.D
 Acq On : 31 Aug 2018 10:50
 Operator : JU/SJ
 Sample : J4700-20
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 11:20:31 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

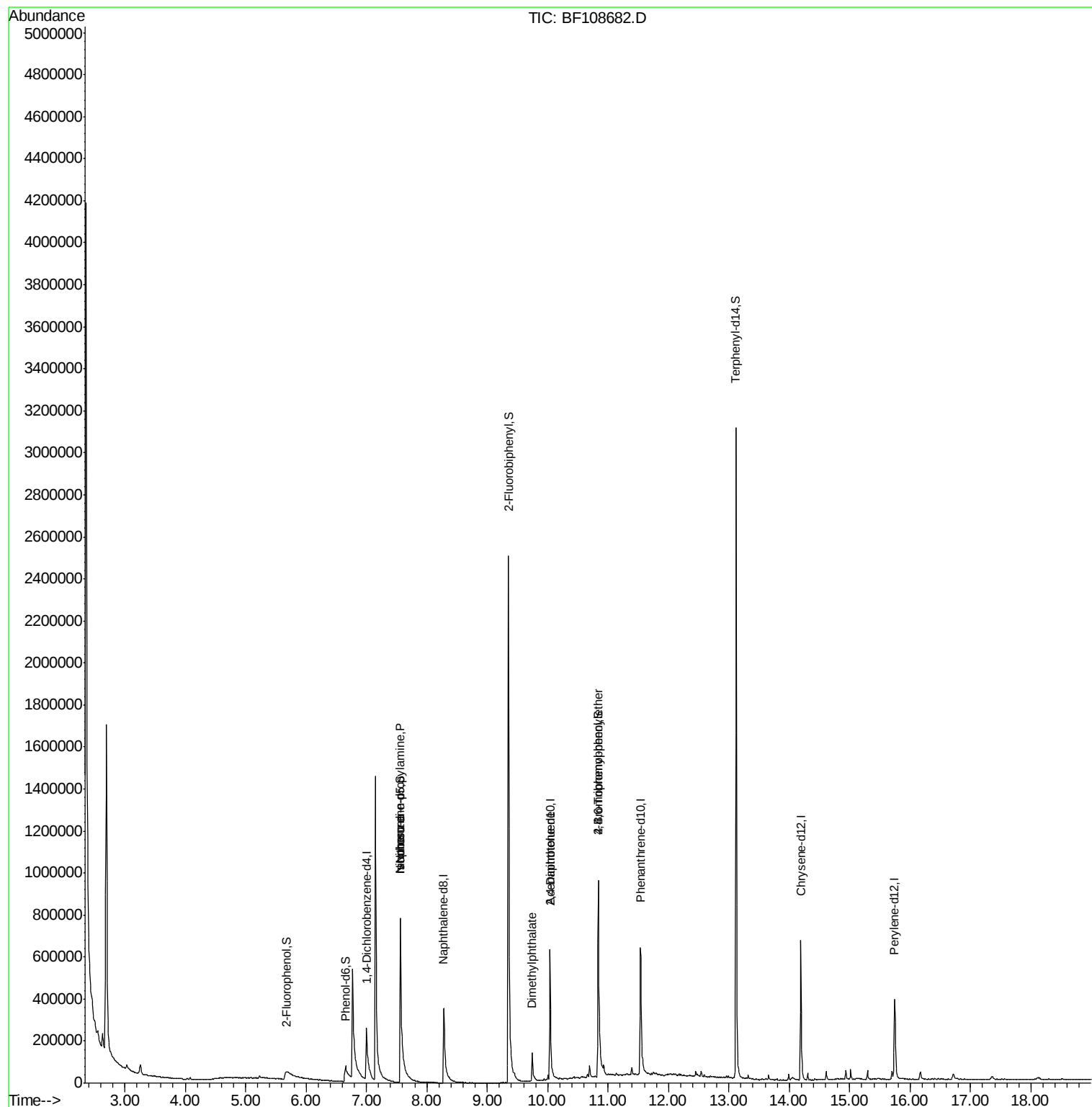
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	89694	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	383169	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	194569	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	375478	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	308203	20.00	ng	-0.01
86) Perylene-d12	15.74	264	263089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	68845	13.33	ng	0.04
7) Phenol-d6	6.65	99	132600	17.93	ng	0.00
23) Nitrobenzene-d5	7.56	82	580698	76.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	188115	73.24	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1211559	83.73	ng	0.00
78) Terphenyl-d14	13.12	244	1229198	77.49	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	71568	14.452	ng	# 82
25) Isophorone	7.56	82	580698	46.308	ng	# 64
49) Dimethylphthalate	9.74	163	106343	6.941	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	25830	5.776	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	11915	2.582	ng	# 1

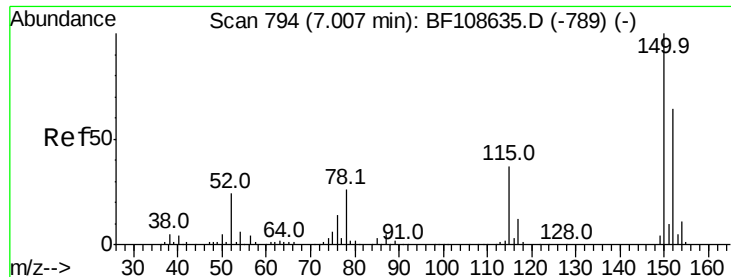
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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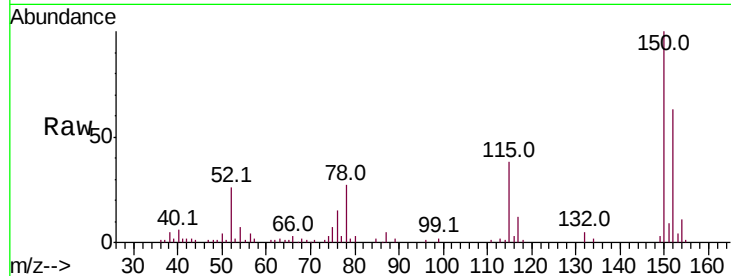


#1

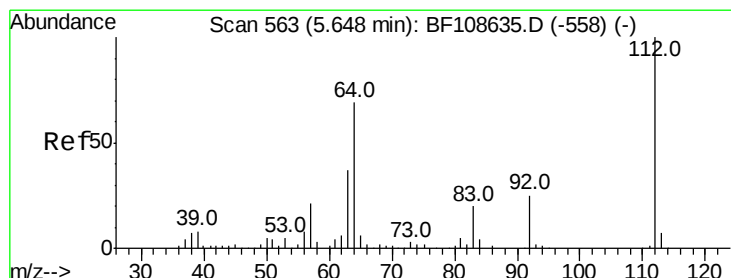
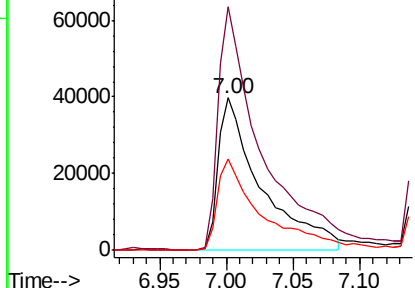
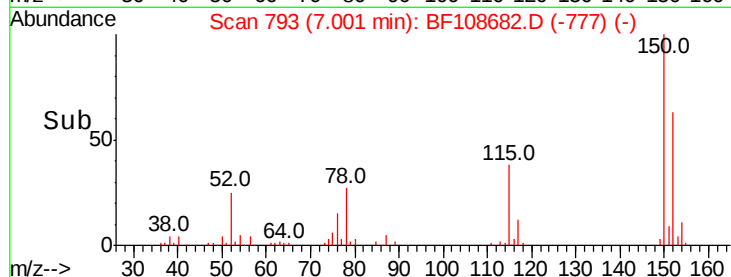
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108682.D
Acq: 31 Aug 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89694
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 60.0 50.1 75.1



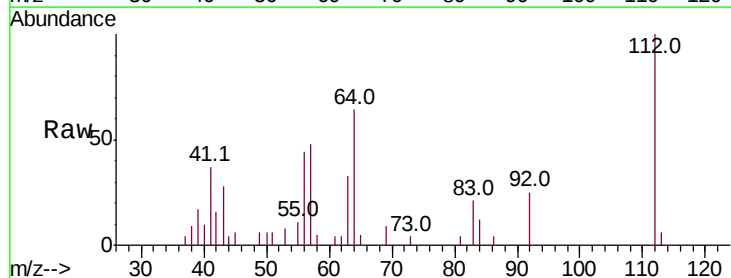
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



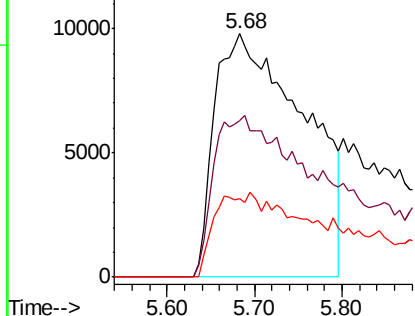
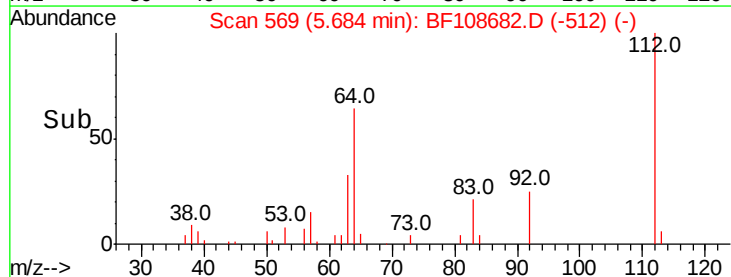
#5

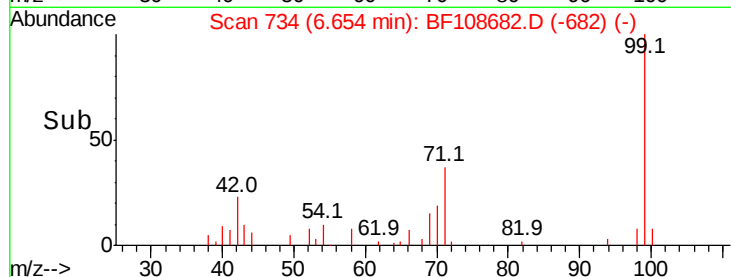
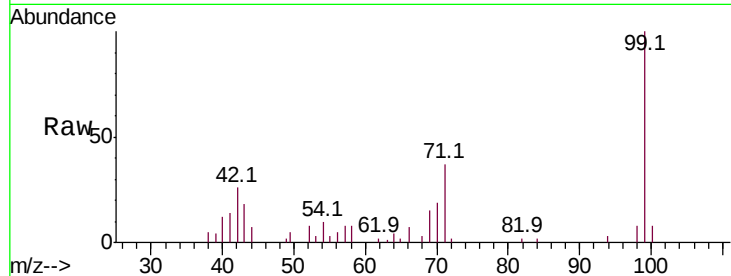
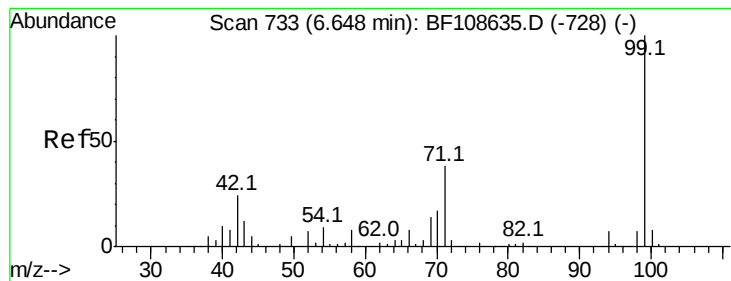
2-Fluorophenol
Concen: 13.334 ng
RT: 5.68 min Scan# 569
Delta R.T. 0.04 min
Lab File: BF108682.D
Acq: 31 Aug 2018 10:50

Tgt Ion:112 Resp: 68845
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.5 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: 17.931 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108682.D

Acq: 31 Aug 2018 10:50

Instrument :

BNA_F

ClientSampleId :

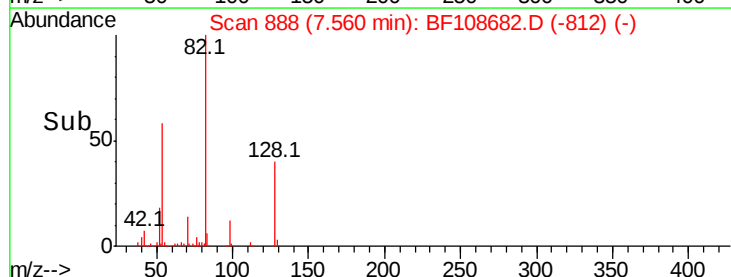
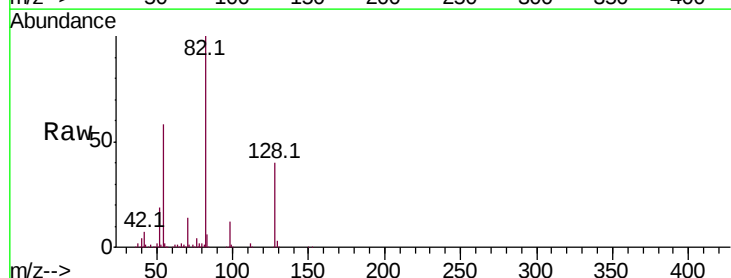
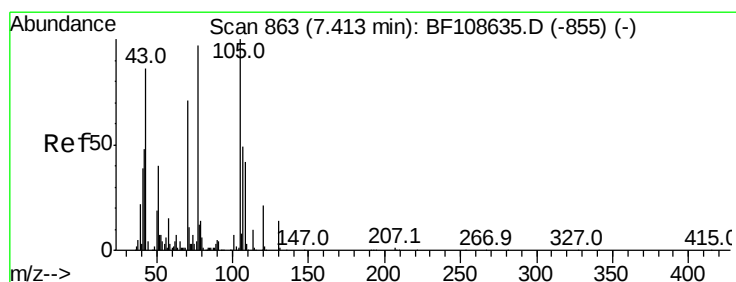
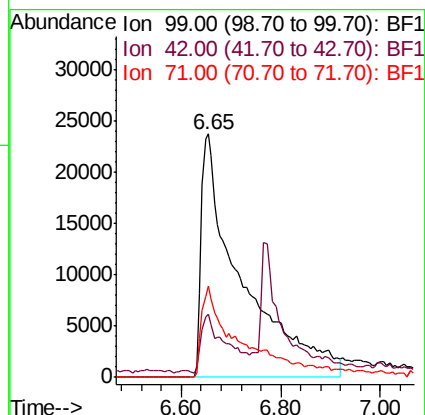
Tot Ion: 99 Resp: 132600

Ion Ratio Lower Upper

99 100

42 25.8 14.5 21.7#

71 37.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.452 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108682.D

Acq: 31 Aug 2018 10:50

Tgt Ion: 70 Resp: 71568

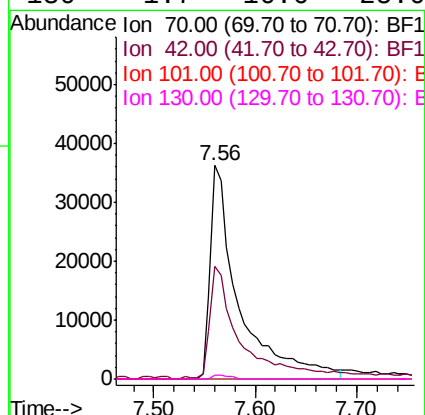
Ion Ratio Lower Upper

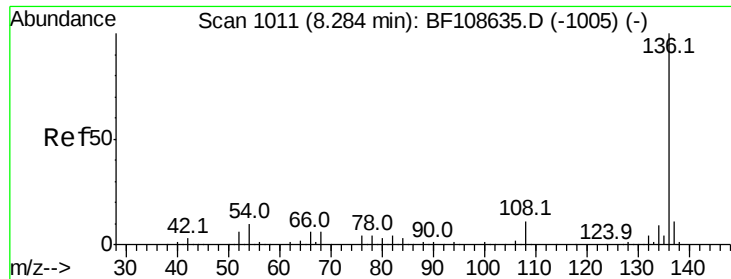
70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

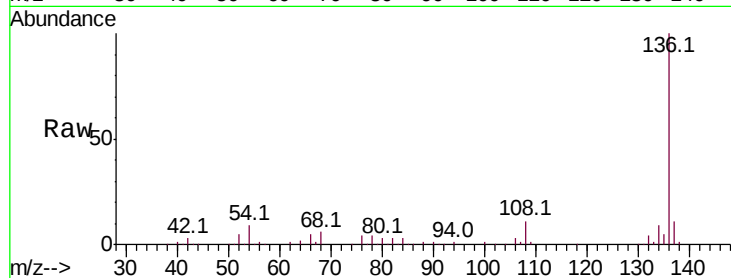




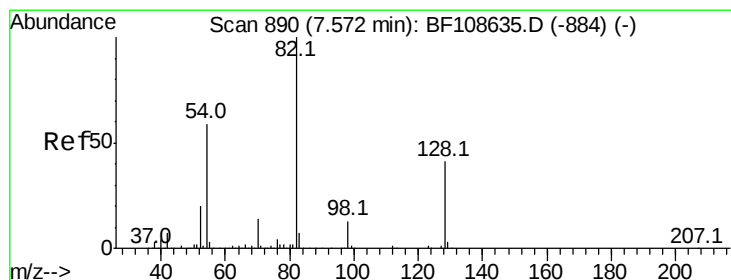
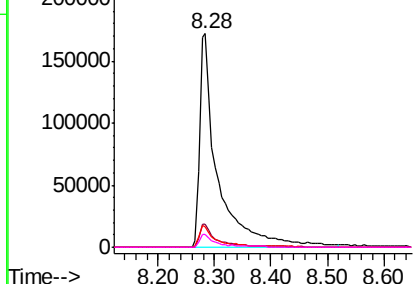
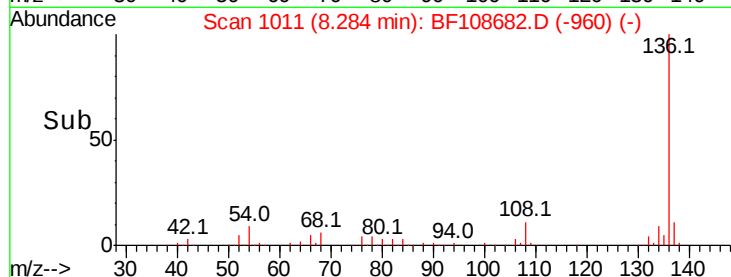
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108682.D
Acq: 31 Aug 2018 10:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	383169
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	6.6	9.8
68	6.0	5.0	7.4

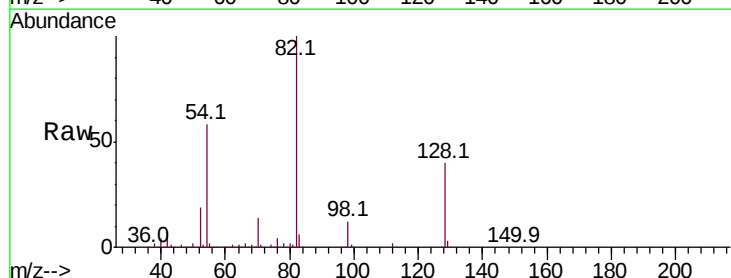


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

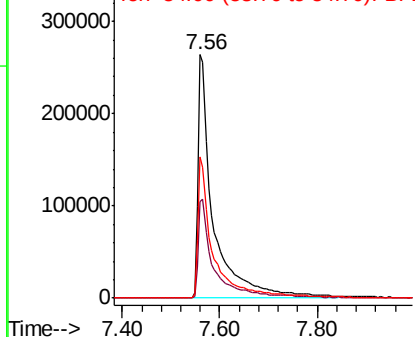
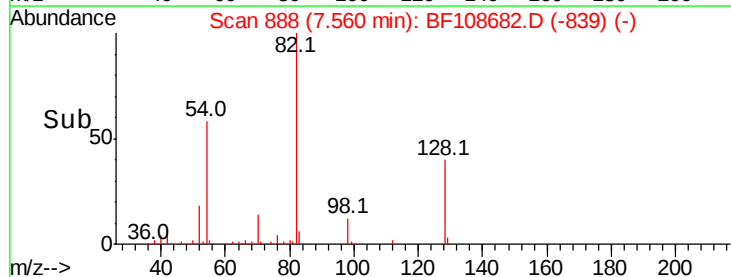


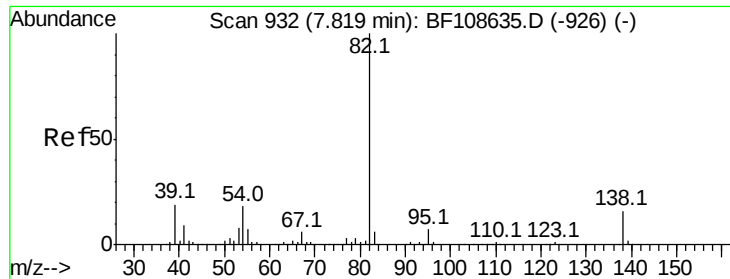
#23
Nitrobenzene-d5
Concen: 76.925 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108682.D
Acq: 31 Aug 2018 10:50

Tgt Ion:	82	Resp:	580698
Ion	Ratio	Lower	Upper
82	100		
128	39.7	36.1	54.1
54	58.2	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: 46.308 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108682.D

Acq: 31 Aug 2018 10:50

Instrument :

BNA_F

ClientSampleId :

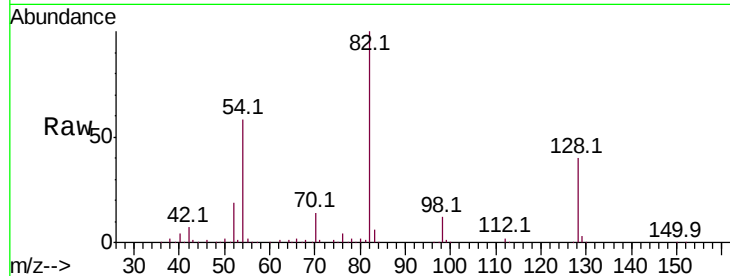
Tot Ion: 82 Resp: 580698

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

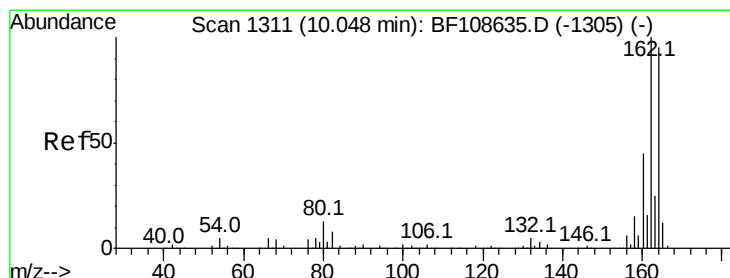
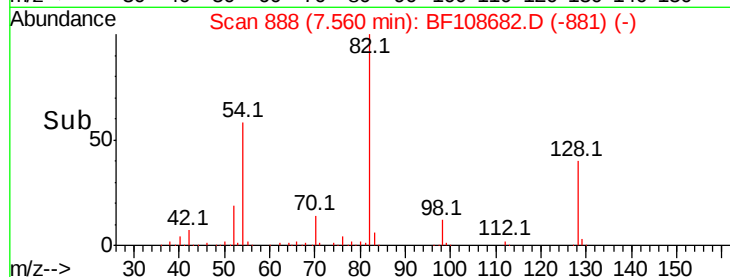
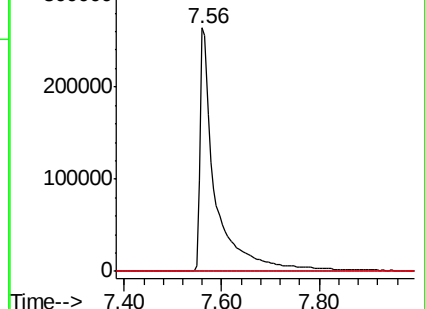
138 0.0 14.9 22.3#



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: BF108682.D

Acq: 31 Aug 2018 10:50

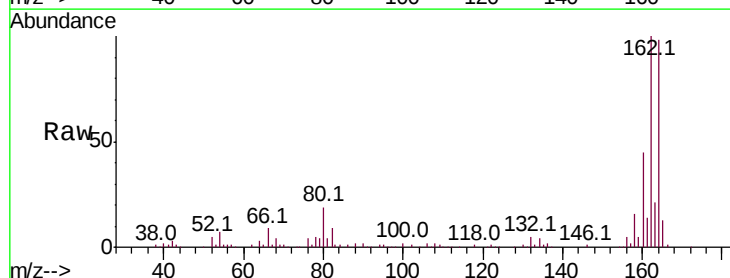
Tgt Ion:164 Resp: 194569

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

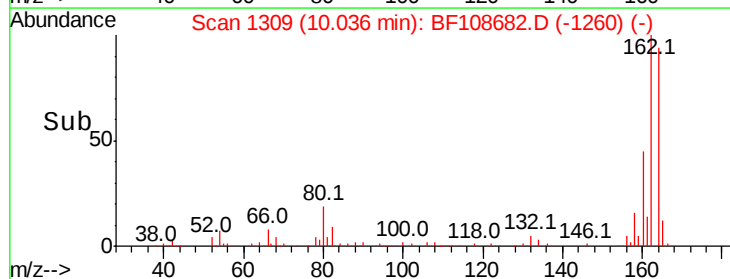
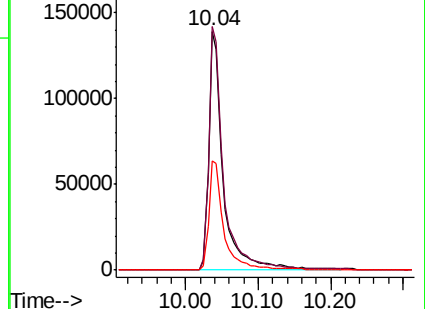
160 45.7 38.3 57.5

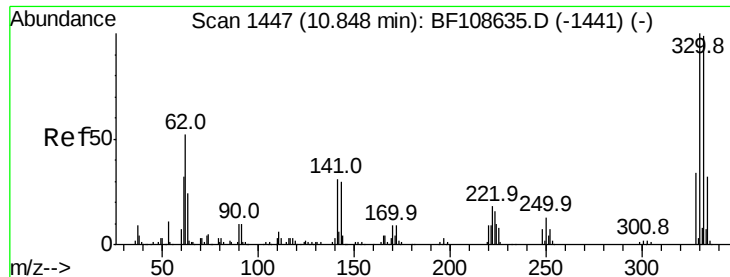


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

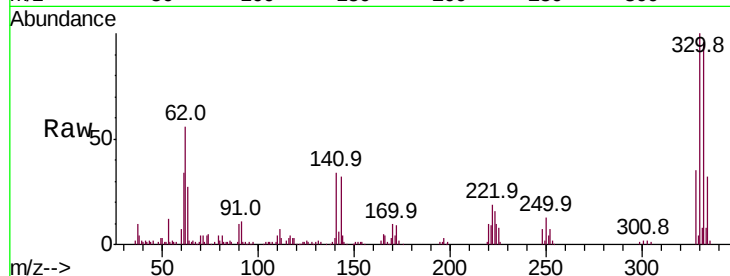




#41
 2,4,6-Tribromophenol
 Concen: 73.238 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108682.D
 Acq: 31 Aug 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.3	29.9	44.9

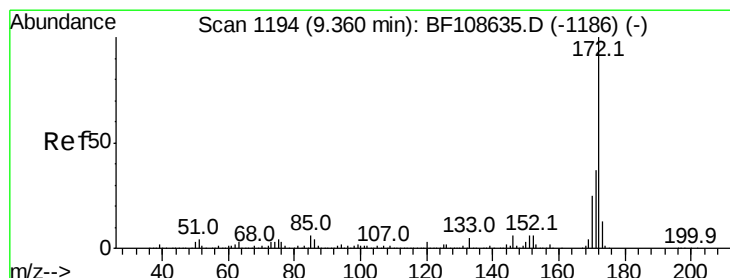
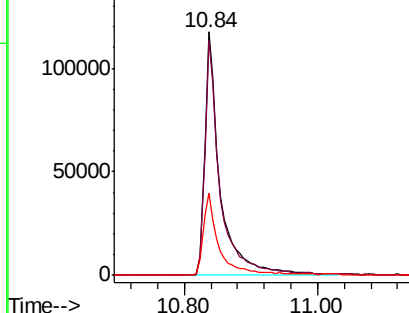
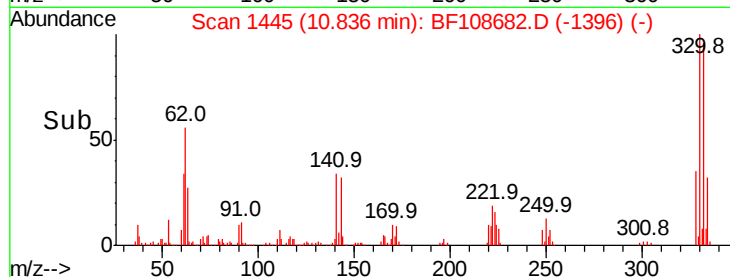


Abundance

Ion 329.80 (329.50 to 330.50): E

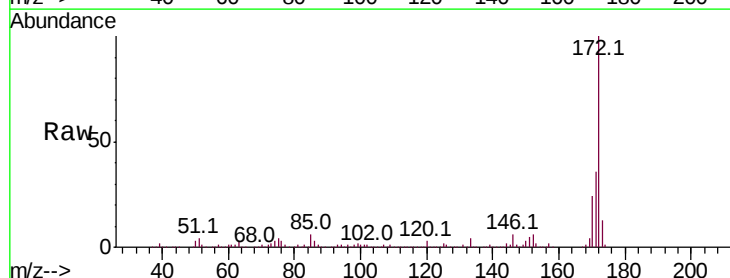
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.725 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108682.D
 Acq: 31 Aug 2018 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

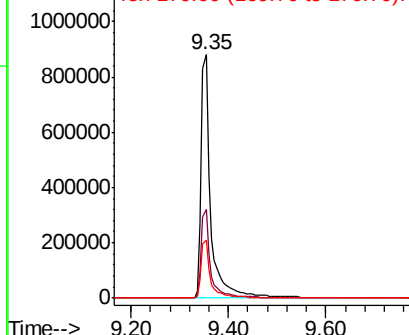
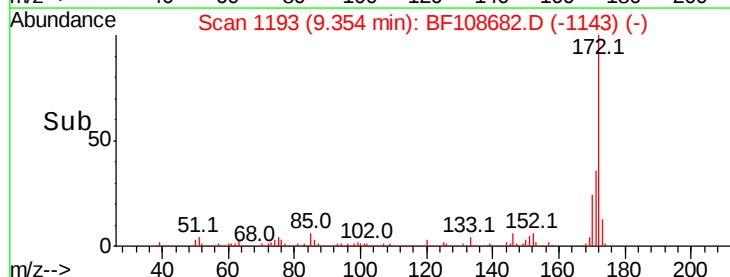


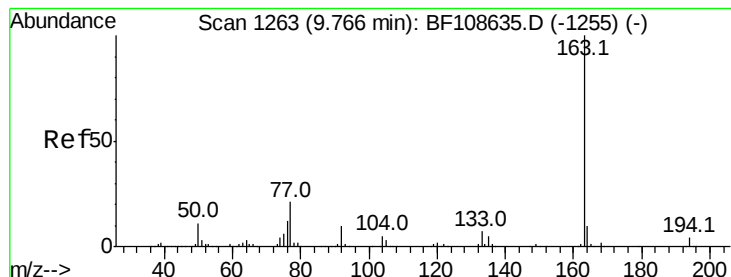
Abundance

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: 6.941 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108682.D

Acq: 31 Aug 2018 10:50

Instrument :

BNA_F

ClientSampleId :

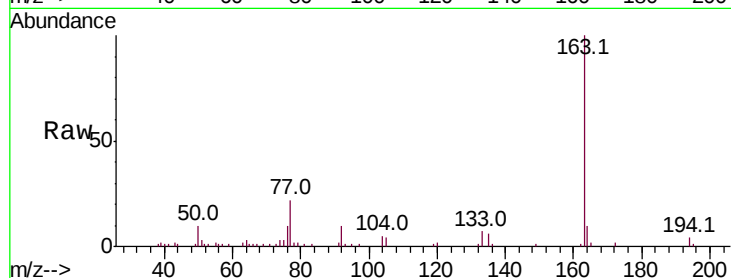
Tot Ion:163 Resp: 106343

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

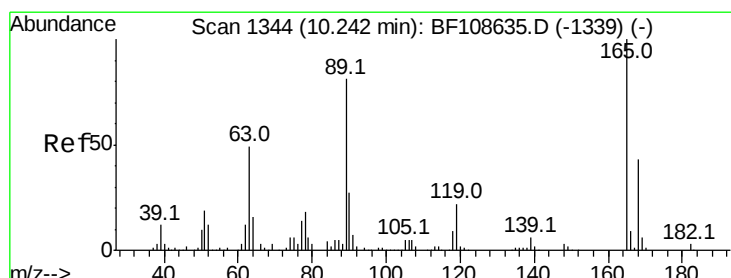
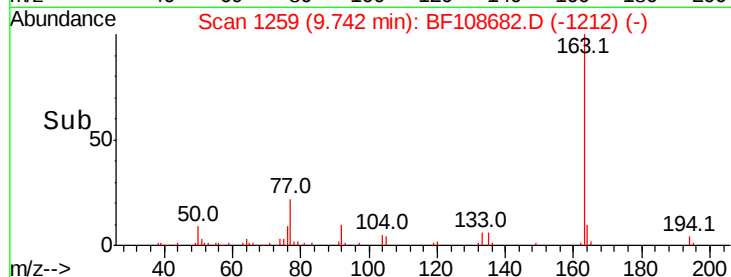
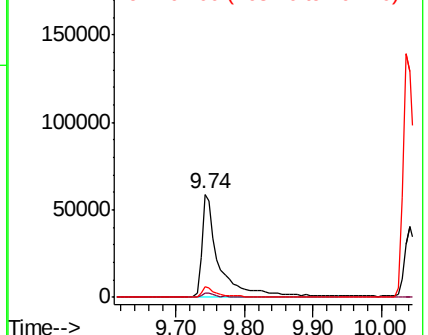
164 10.2 8.2 12.2



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: 5.776 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.21 min

Lab File: BF108682.D

Acq: 31 Aug 2018 10:50

Tgt Ion:165 Resp: 25830

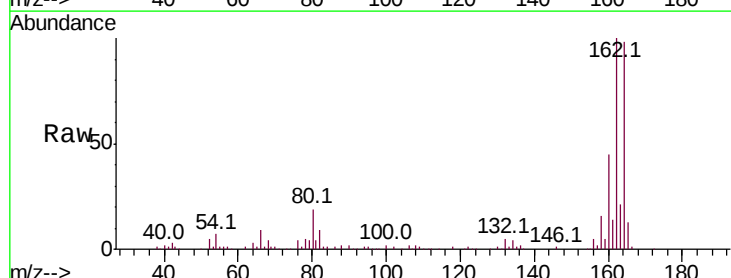
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

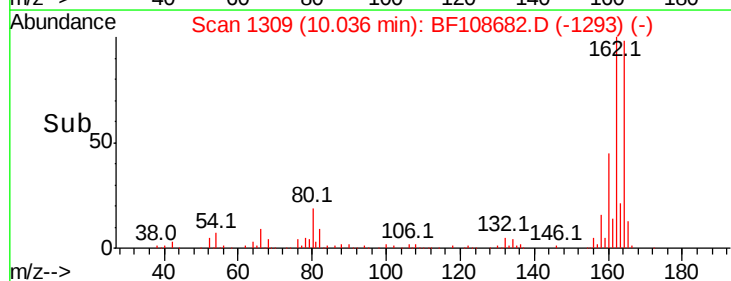
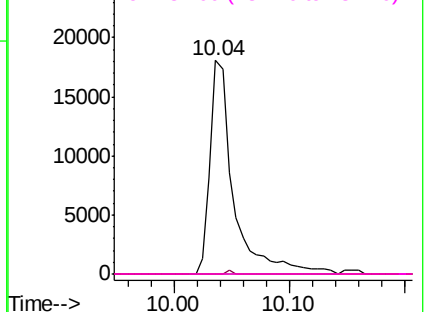


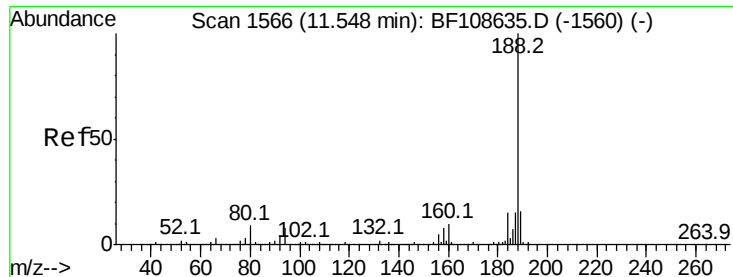
Abundance Ion 165.00 (164.70 to 165.70): E

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

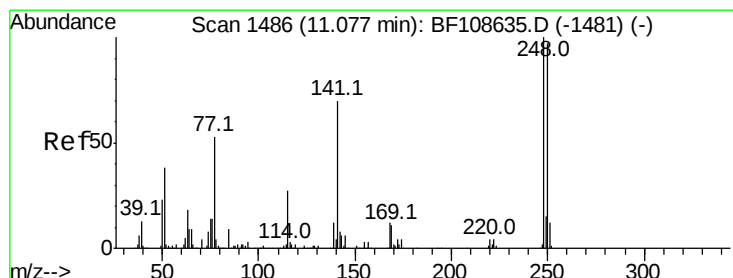
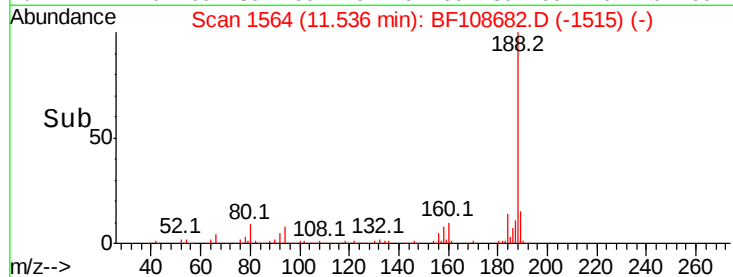
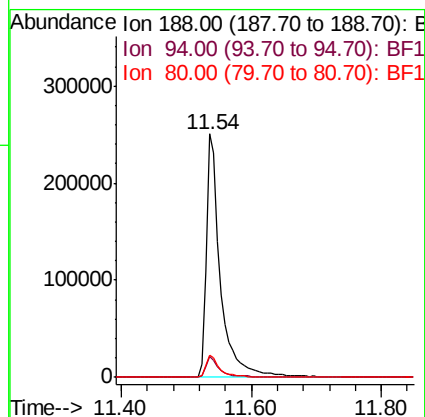
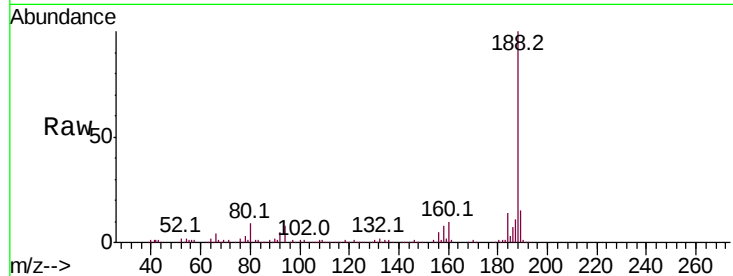




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108682.D
 Acq: 31 Aug 2018 10:50

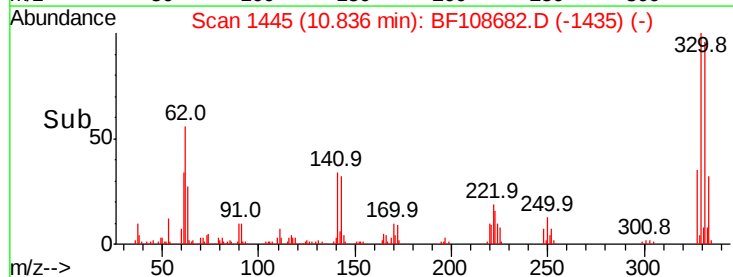
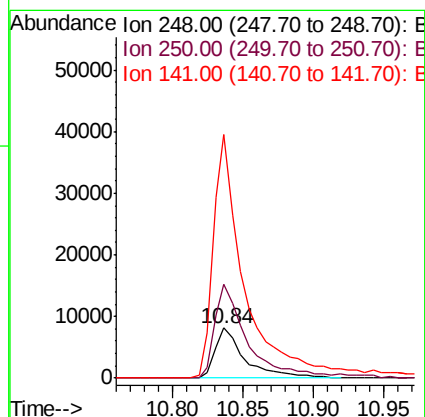
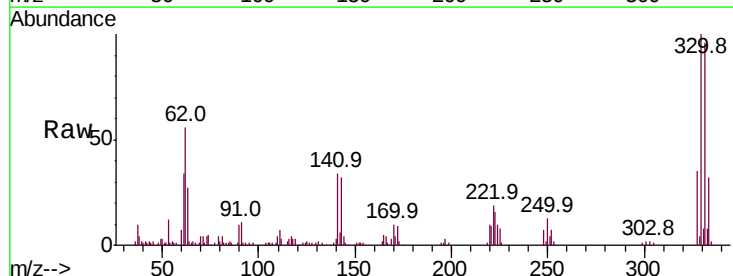
Instrument :
 BNA_F
 ClientSampleId :

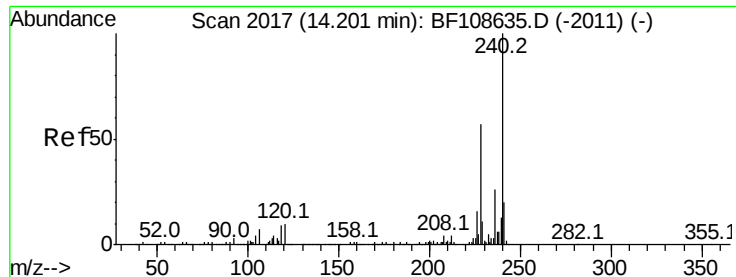
Tot Ion:188 Resp: 375478
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 8.9 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.582 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108682.D
 Acq: 31 Aug 2018 10:50

Tgt Ion:248 Resp: 11915
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.9 115.3#
 141 484.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108682.D

Acq: 31 Aug 2018 10:50

Instrument :

BNA_F

ClientSampleId :

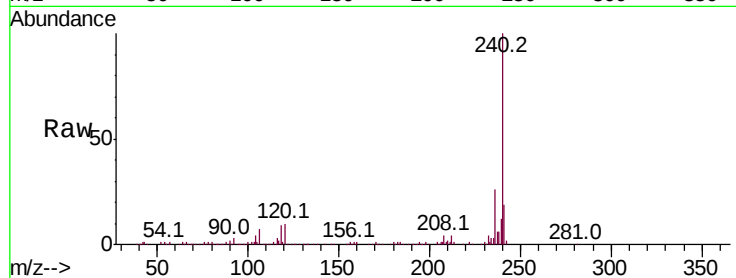
Tot Ion:240 Resp: 308203

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

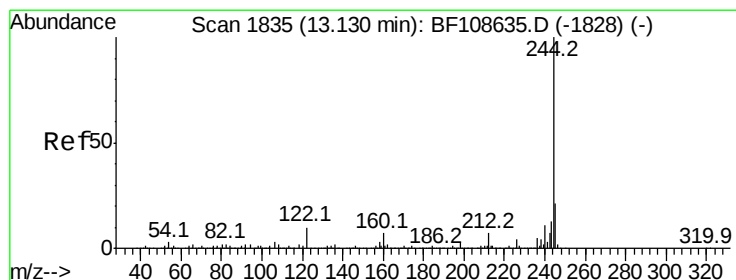
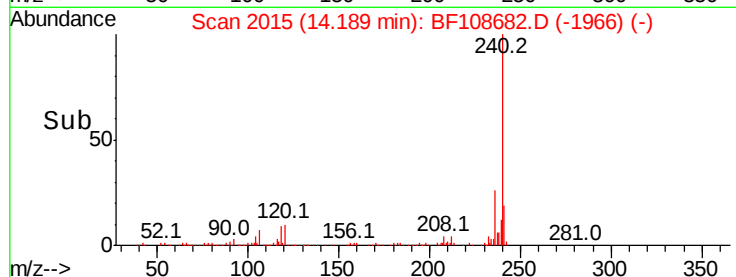
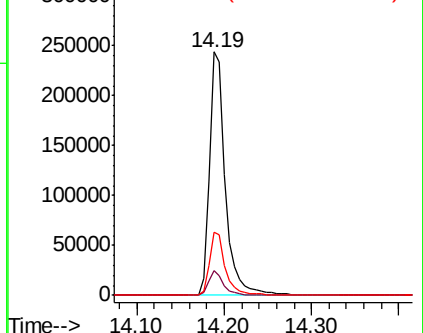
236 26.0 20.7 31.1



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: 77.490 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108682.D

Acq: 31 Aug 2018 10:50

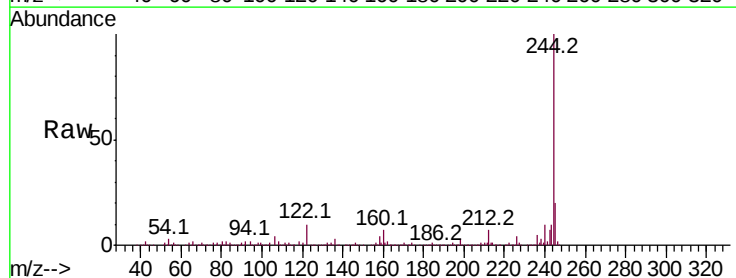
Tgt Ion:244 Resp: 1229198

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

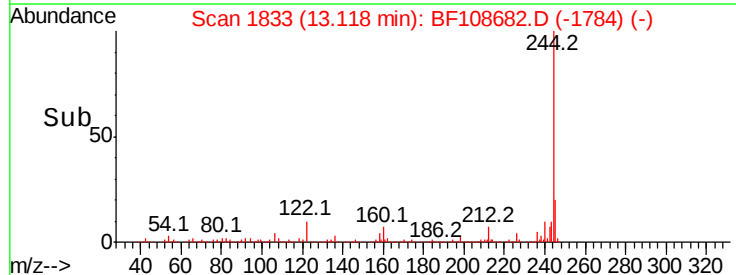
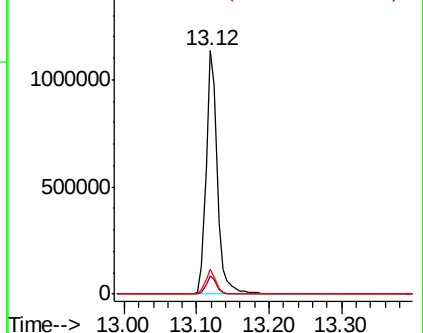
122 10.1 11.0 16.4#

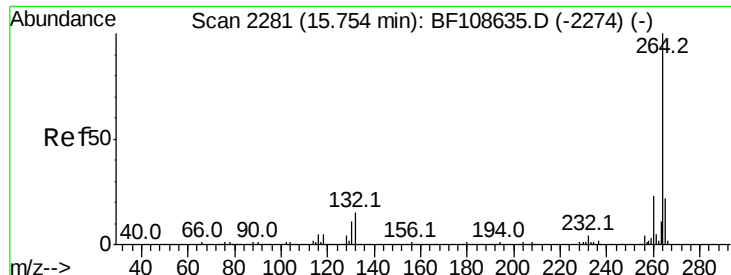


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

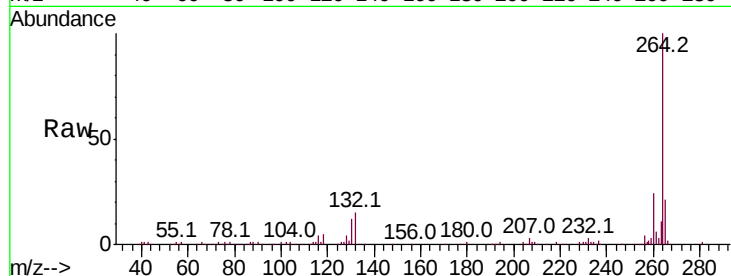




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF108682.D
 Acq: 31 Aug 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	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

