

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108657.D
 Acq On : 30 Aug 2018 23:00
 Operator : JU/SJ
 Sample : J4699-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:13:55 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

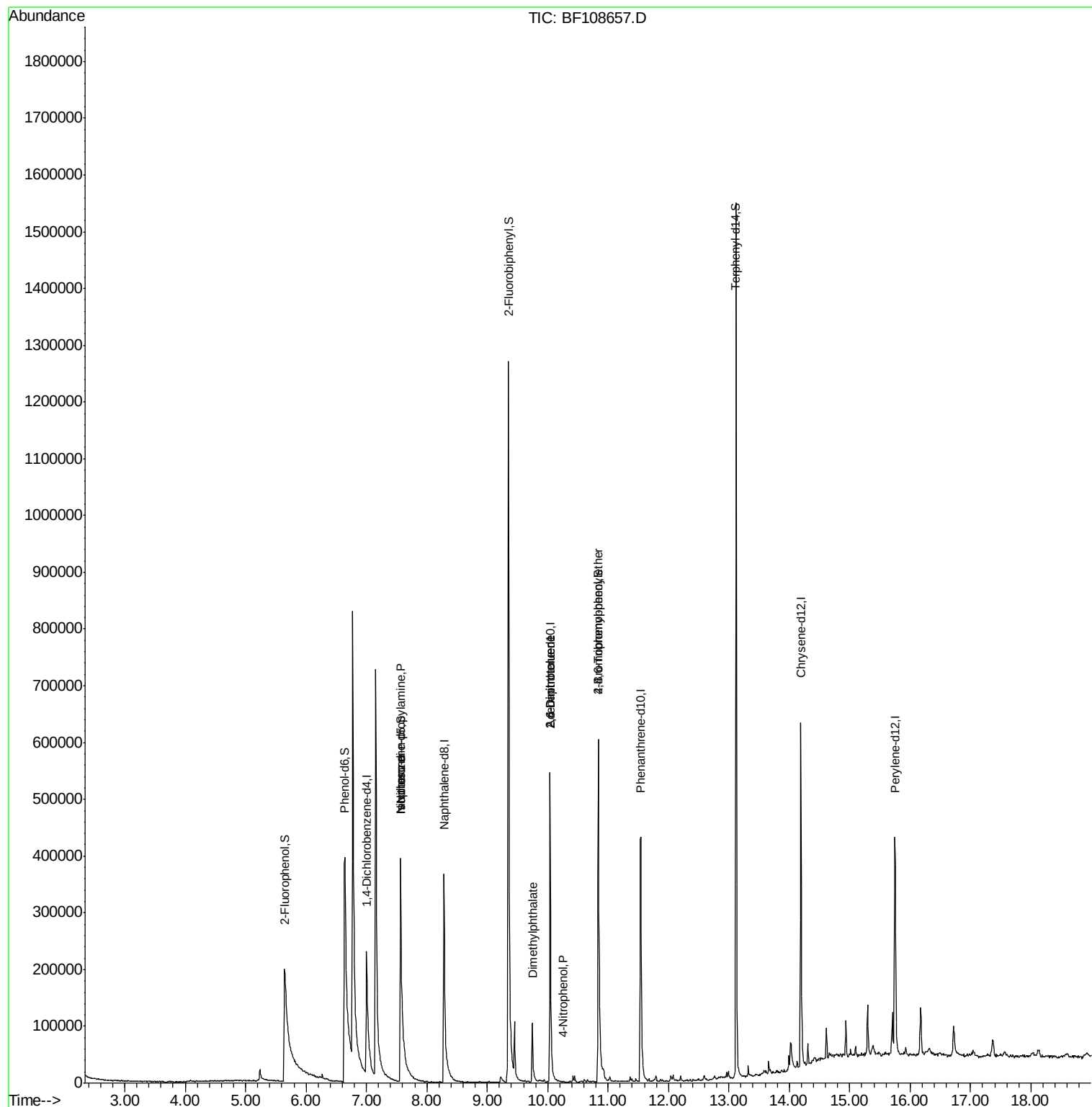
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	79222	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	330565	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	148079	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	263567	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272323	20.00	ng	0.00
86) Perylene-d12	15.75	264	226348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	265129	58.14	ng	0.00
7) Phenol-d6	6.64	99	491008	75.17	ng	0.00
23) Nitrobenzene-d5	7.57	82	325073	49.92	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	121427	62.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	618404	56.15	ng	0.00
78) Terphenyl-d14	13.12	244	583948	41.66	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	38792	8.869	ng	# 86
25) Isophorone	7.57	82	325073	30.048	ng	# 64
49) Dimethylphthalate	9.75	163	75254	6.454	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	18423	7.168	ng	# 25
55) 4-Nitrophenol	10.26	139	119	4.823	ng	# 9
56) 2,4-Dinitrotoluene	10.04	165	18544	5.449	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	7503	2.316	ng	# 1

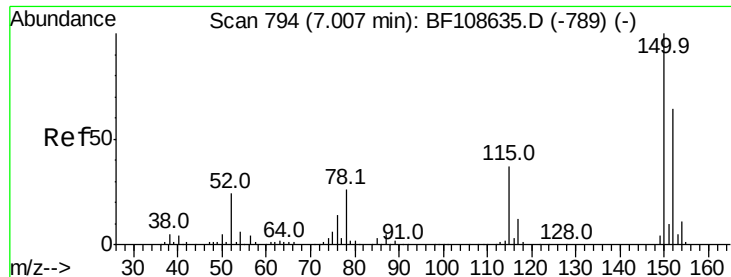
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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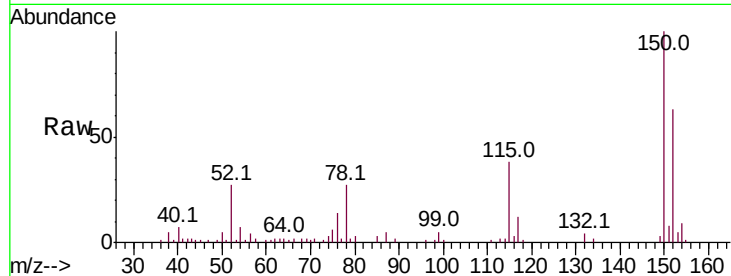


#1

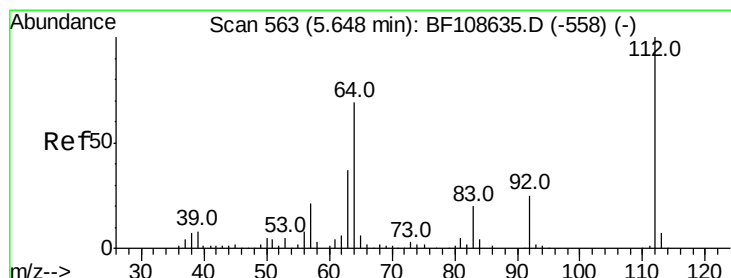
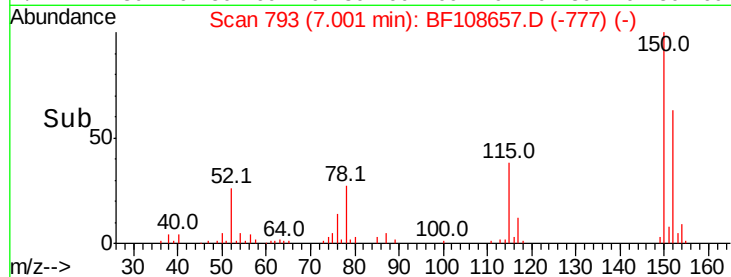
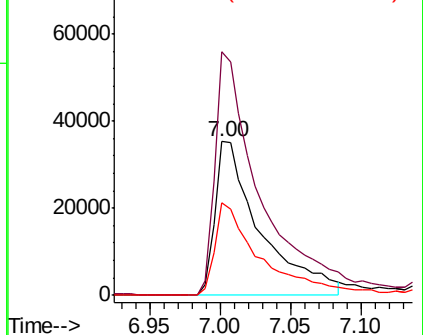
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79222
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.4 50.1 75.1



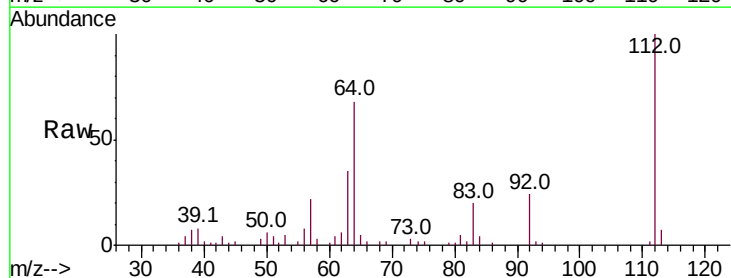
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



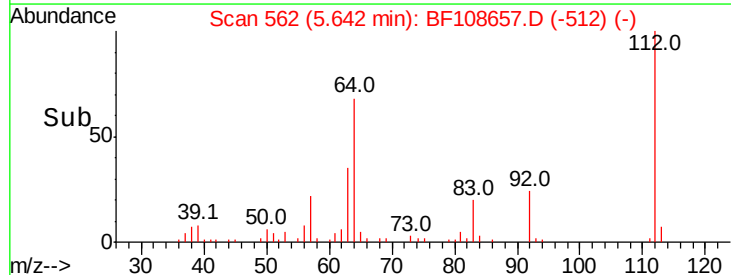
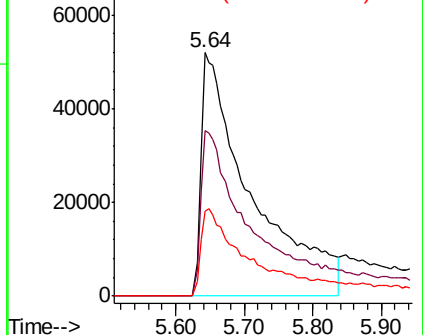
#5

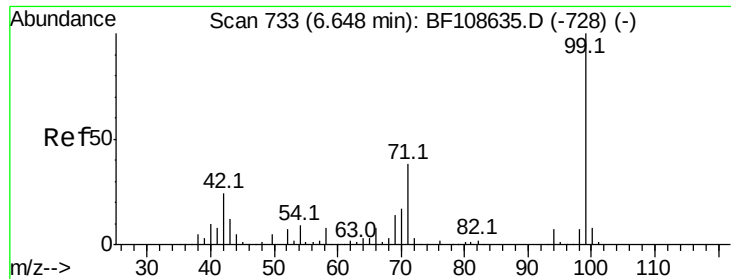
2-Fluorophenol
Concen: 58.138 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Tgt Ion:112 Resp: 265129
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 35.0 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: 75.175 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

Instrument :

BNA_F

ClientSampleId :

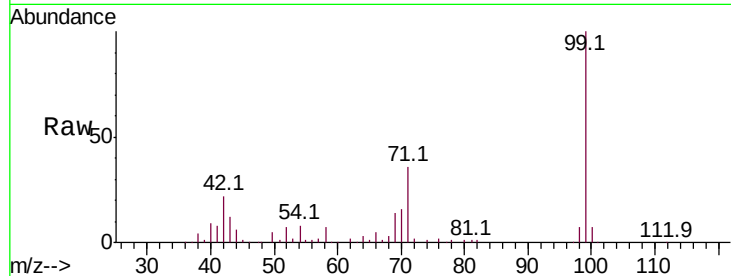
Tot Ion: 99 Resp: 491008

Ion Ratio Lower Upper

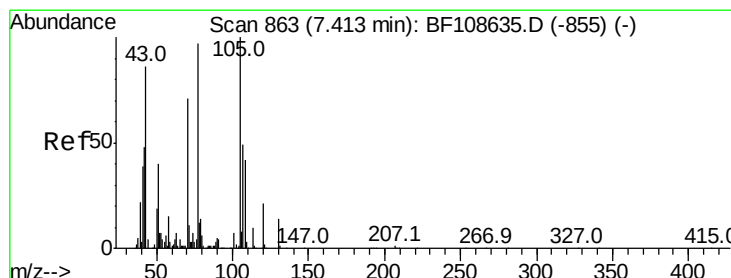
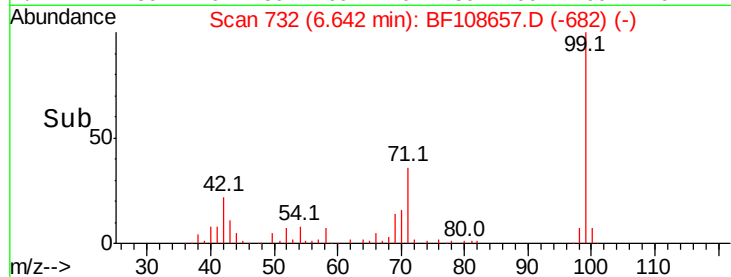
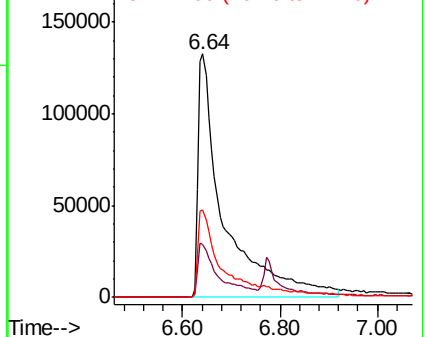
99 100

42 21.7 14.5 21.7

71 36.0 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: 8.869 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

Tgt Ion: 70 Resp: 38792

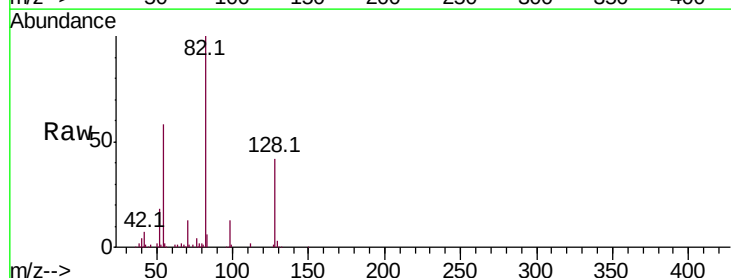
Ion Ratio Lower Upper

70 100

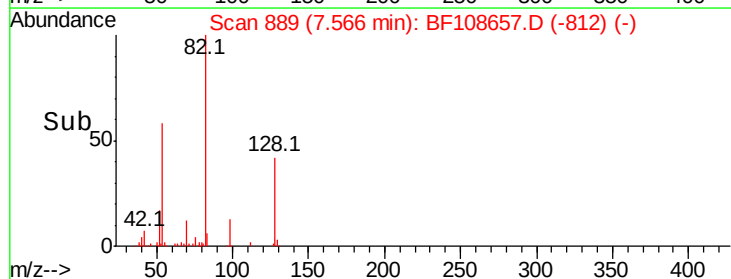
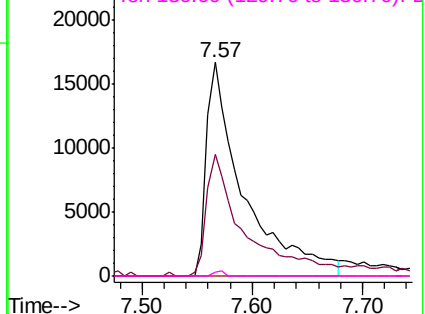
42 57.2 47.5 71.3

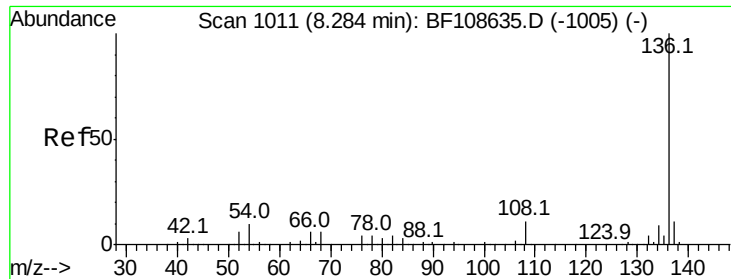
101 0.0 7.4 11.2#

130 1.8 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

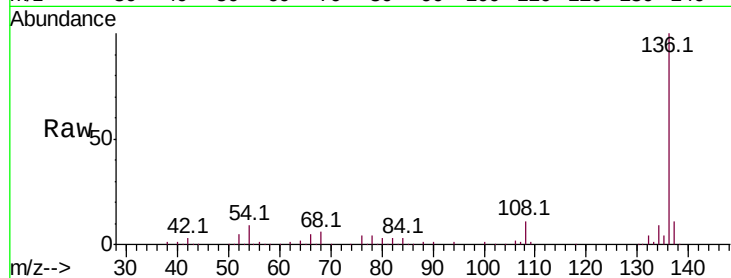




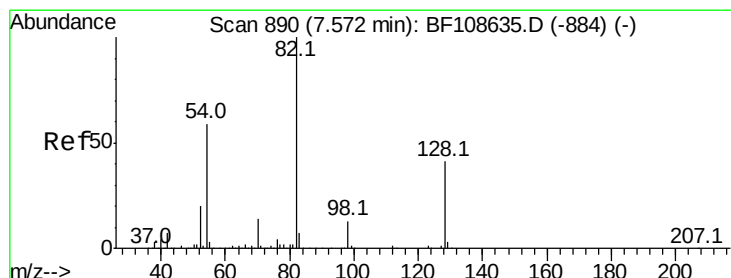
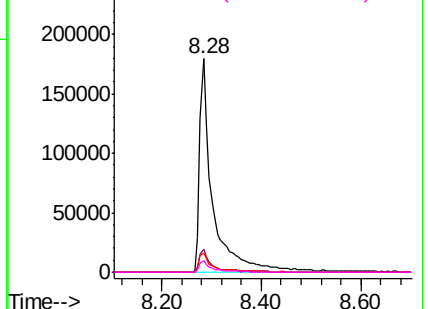
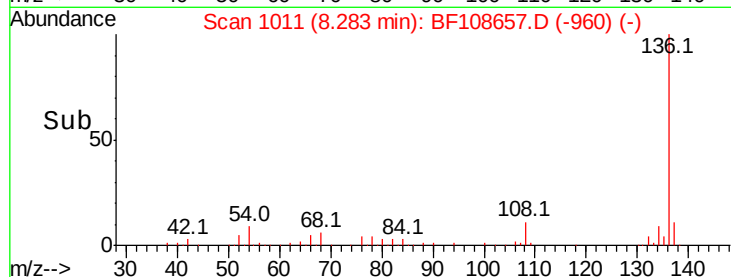
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	330565
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	5.6	5.0	7.4

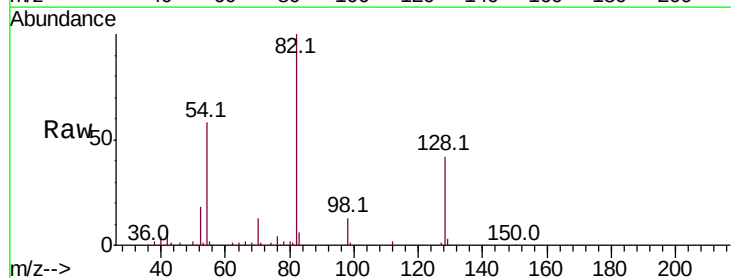


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

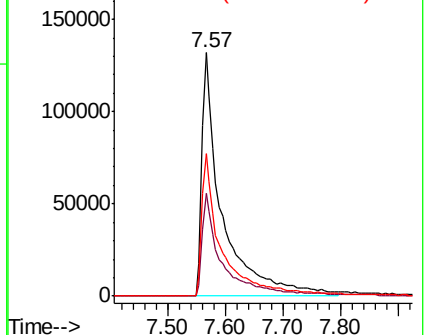
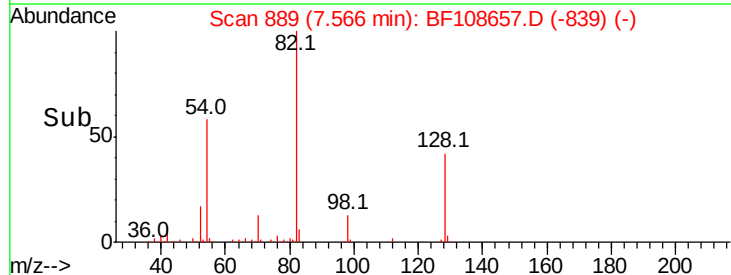


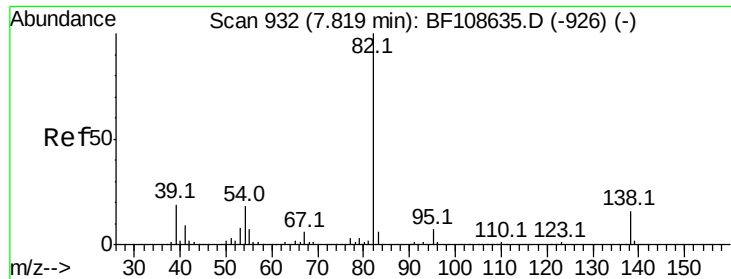
#23
Nitrobenzene-d5
Concen: 49.915 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Tgt Ion:	82	Resp:	325073
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	58.4	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: 30.048 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

Instrument :

BNA_F

ClientSampleId :

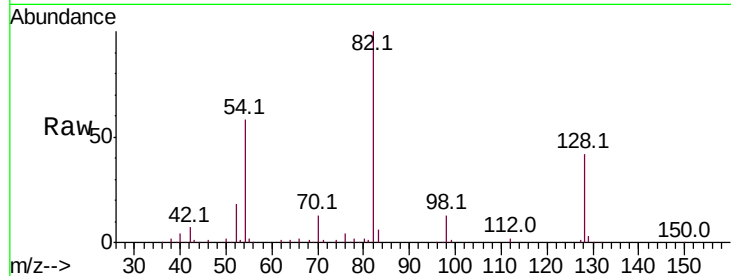
Tot Ion: 82 Resp: 325073

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

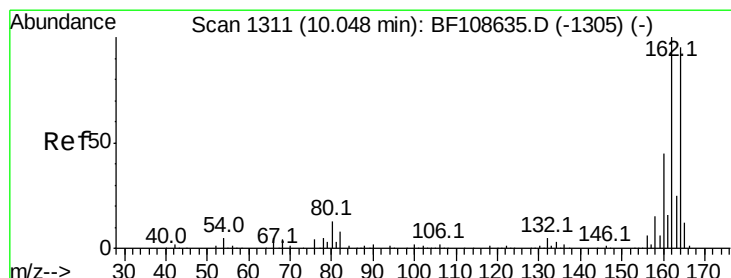
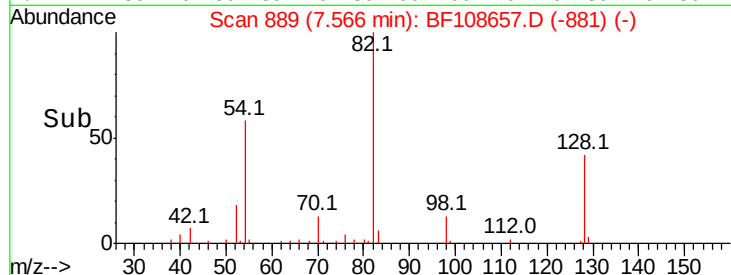
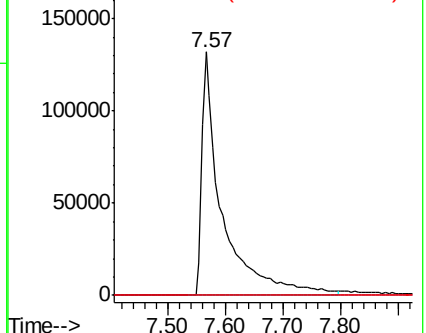
138 0.0 14.9 22.3#



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: BF108657.D

Acq: 30 Aug 2018 23:00

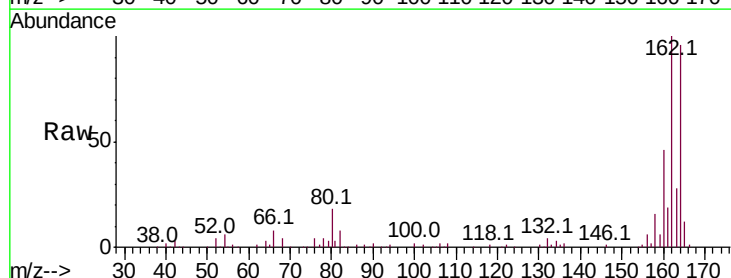
Tgt Ion:164 Resp: 148079

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

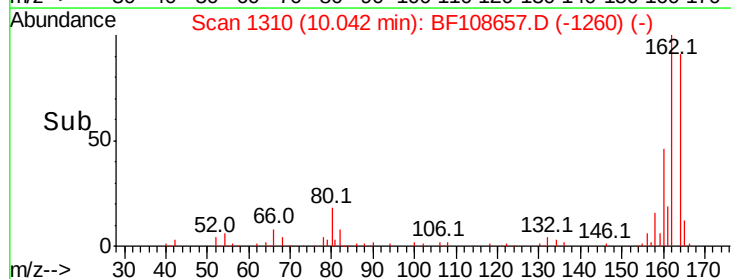
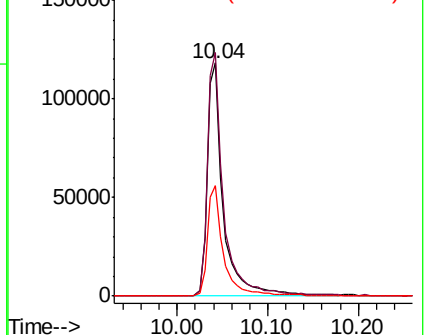
160 47.7 38.3 57.5

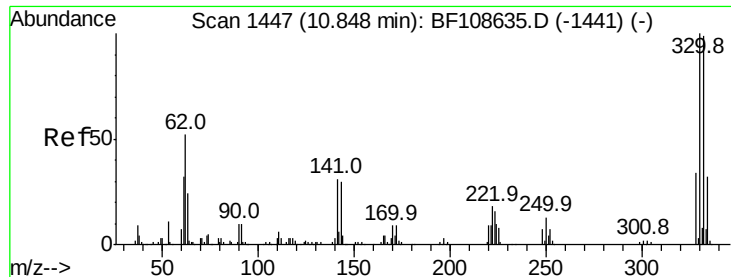


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

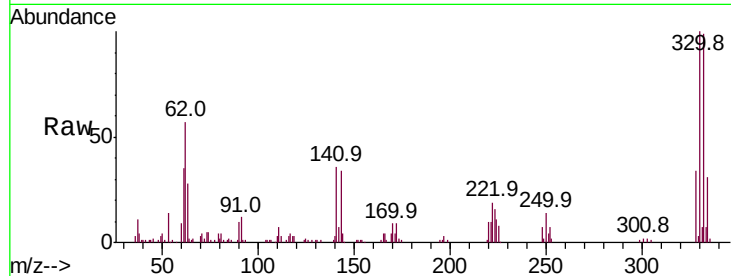




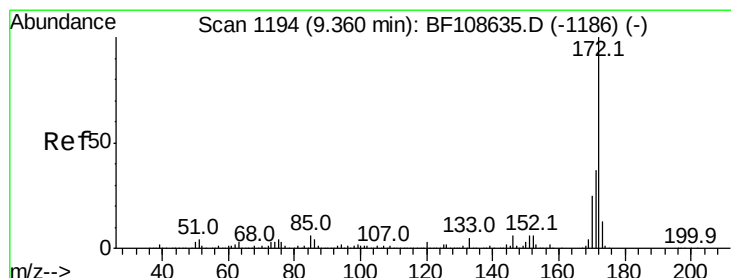
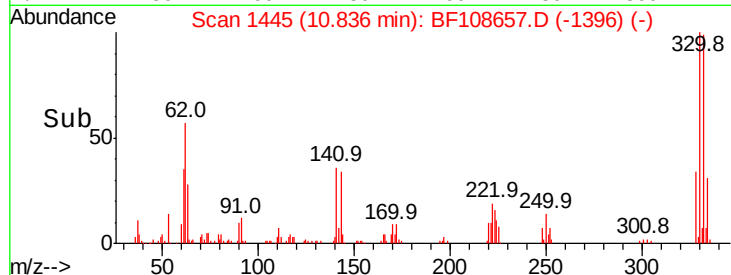
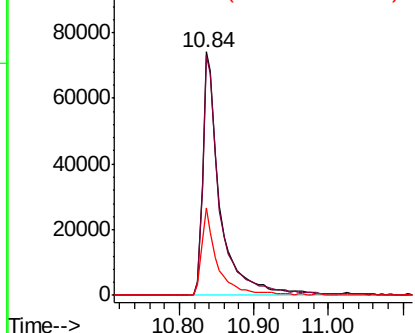
#41
 2,4,6-Tribromophenol
 Concen: 62.117 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.6	29.9	44.9

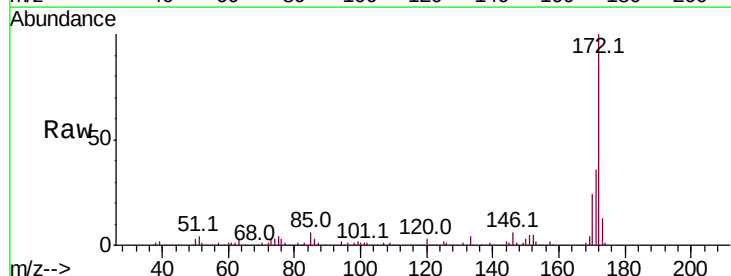


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

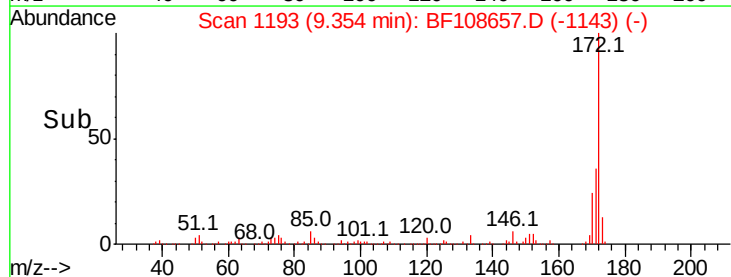
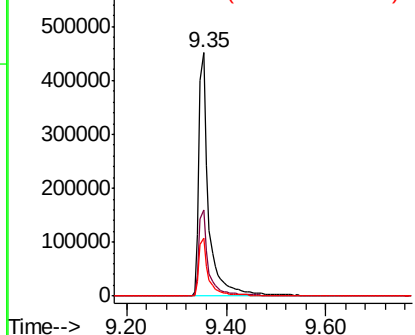


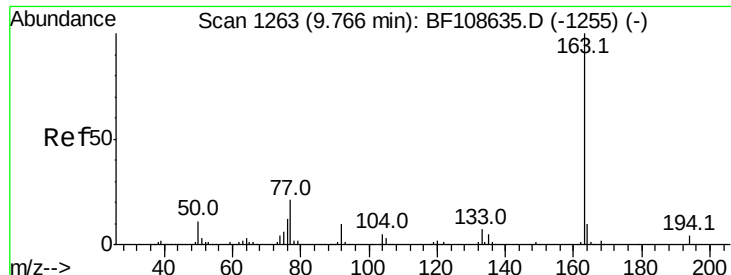
#44
 2-Fluorobiphenyl
 Concen: 56.152 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	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

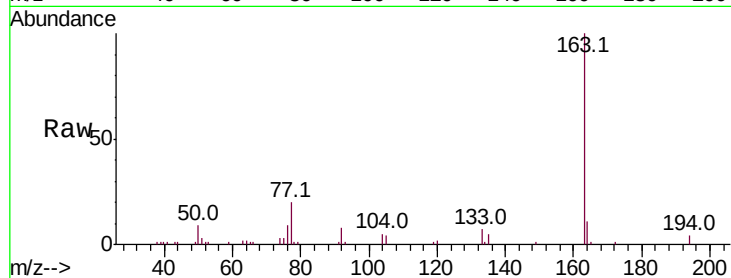




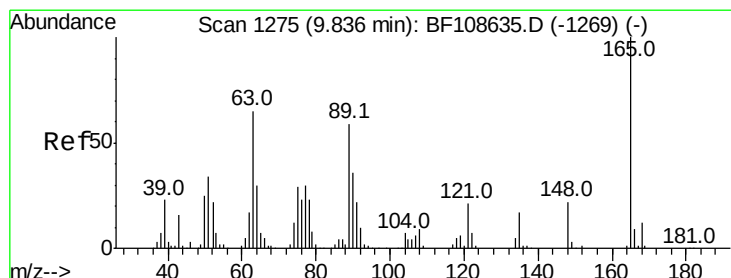
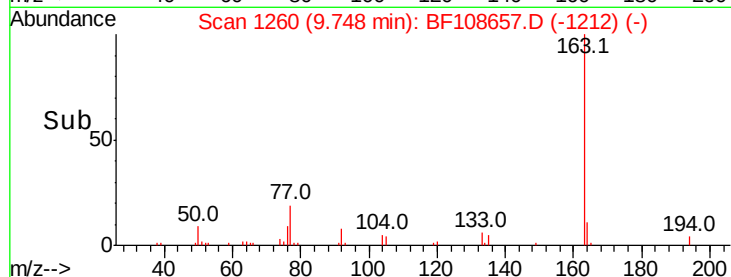
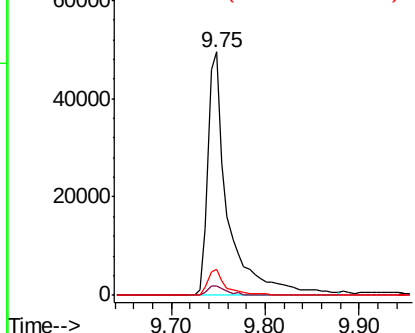
#49
Dimethylphthalate
Concen: 6.454 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 75254
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

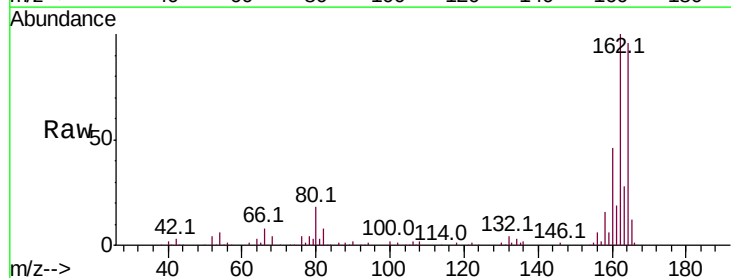


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

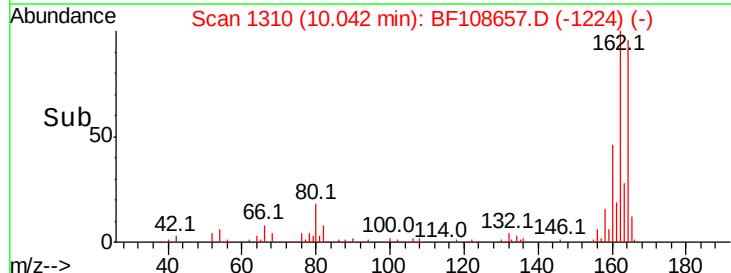
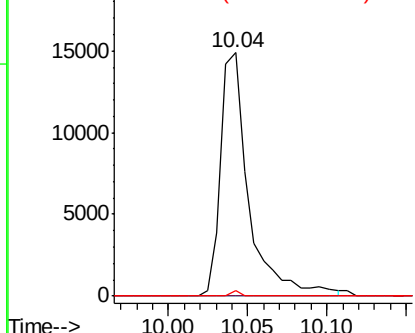


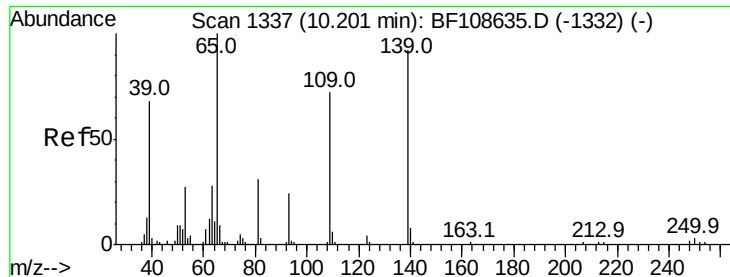
#50
2,6-Dinitrotoluene
Concen: 7.168 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Tgt Ion:165 Resp: 18423
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 2.0 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

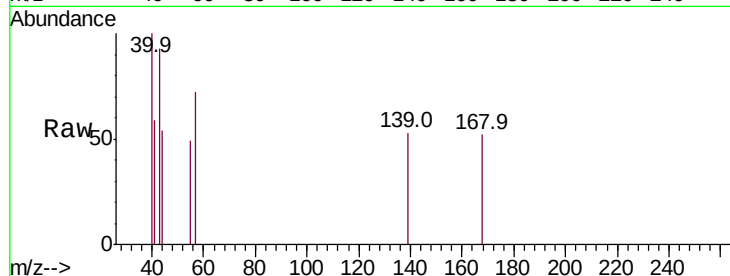




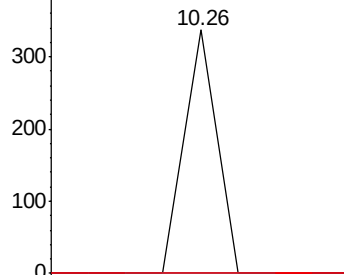
#55
4-Nitrophenol
Concen: 4.823 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.06 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :

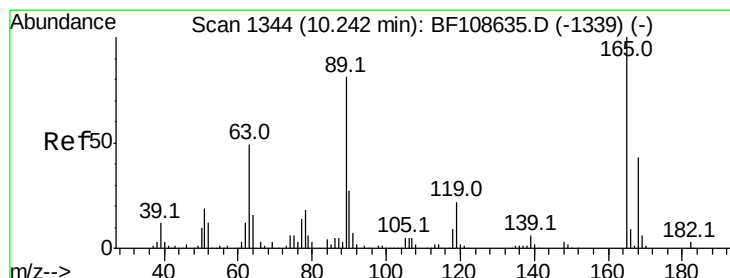
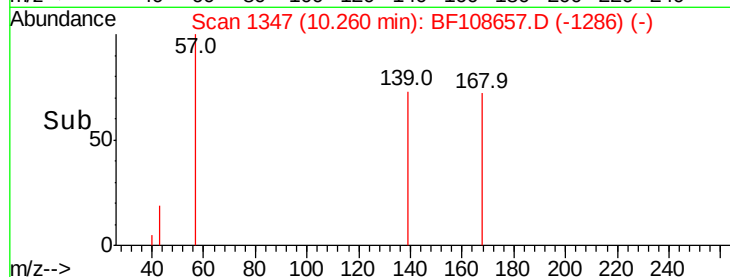
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

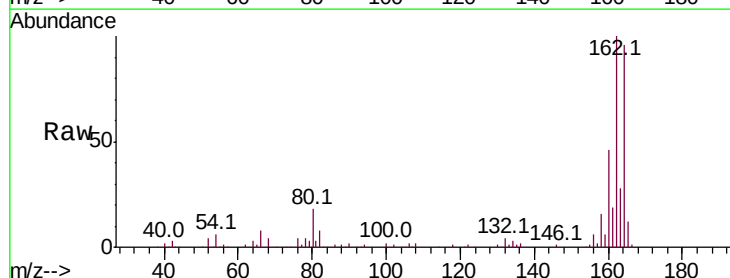


Time-->

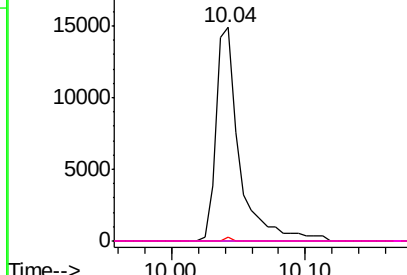


#56
2,4-Dinitrotoluene
Concen: 5.449 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

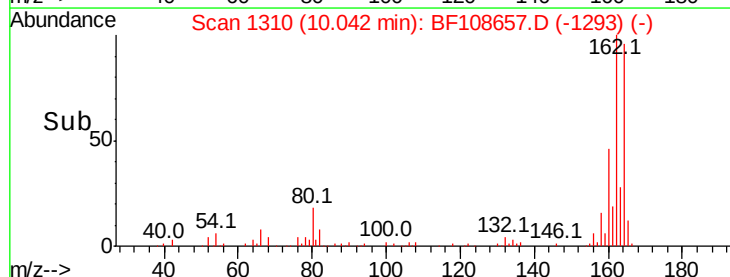
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

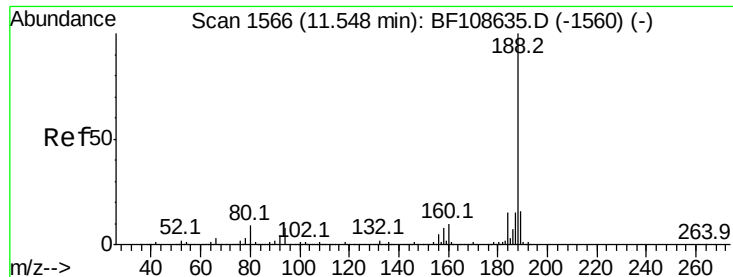


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



Time-->

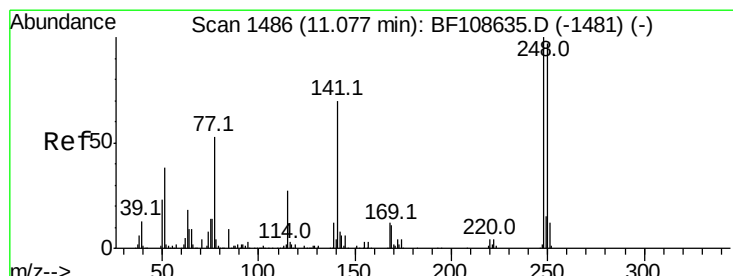
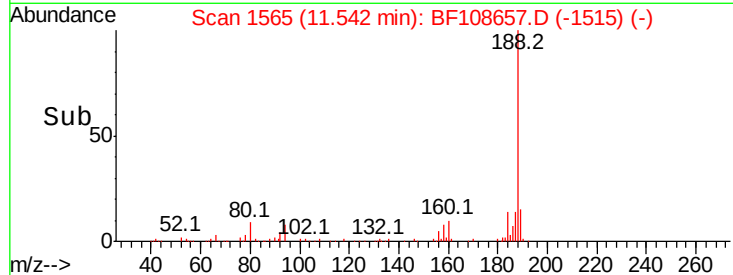
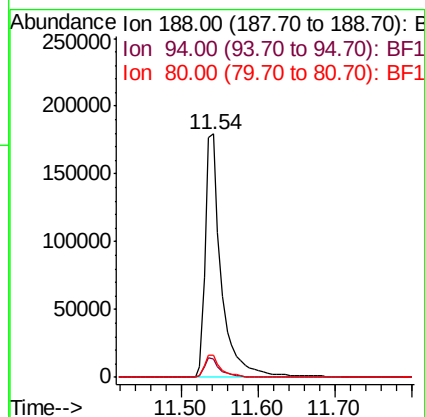
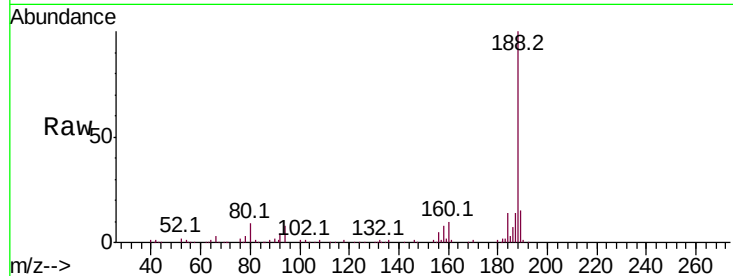




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

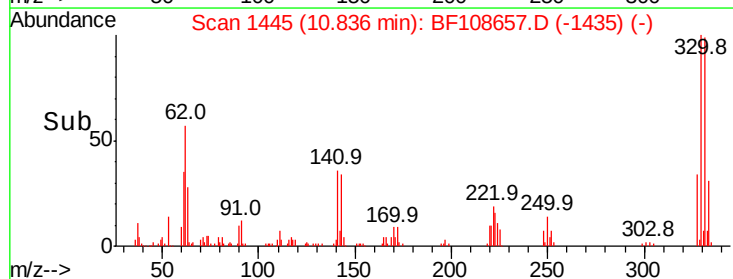
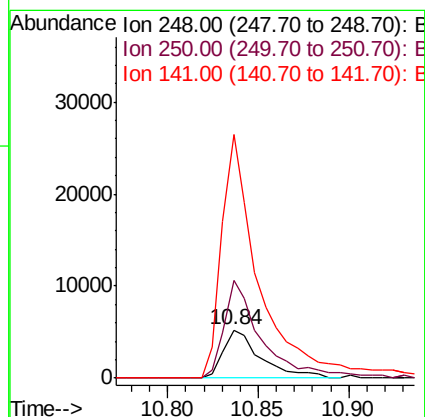
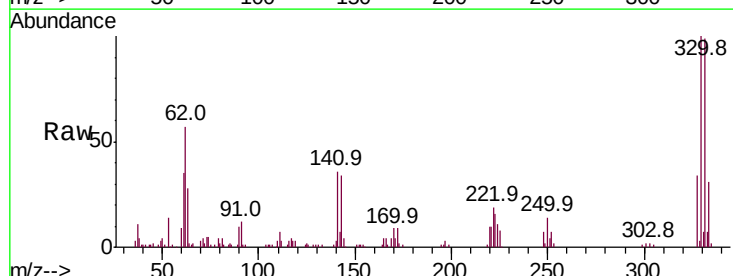
Instrument :
 BNA_F
 ClientSampled :

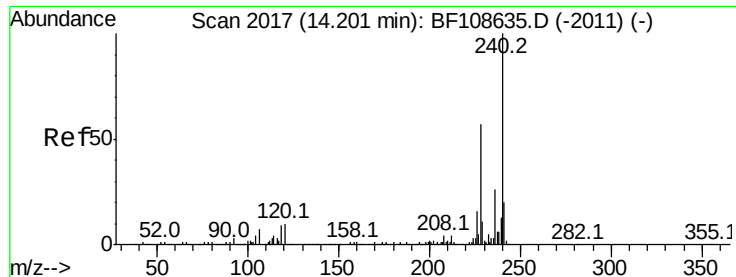
Tot Ion:188 Resp: 263567
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.5 12.7#
 80 8.9 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.316 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

Tgt Ion:248 Resp: 7503
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.9 115.3#
 141 509.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108657.D

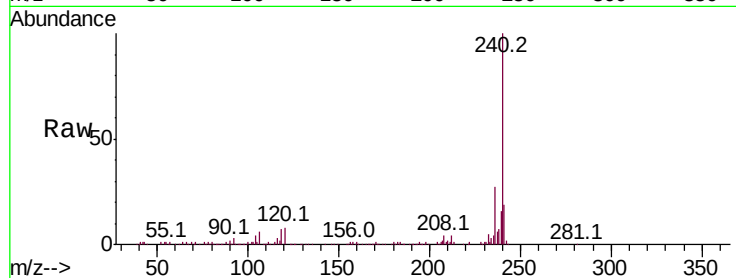
Acq: 30 Aug 2018 23:00

Instrument :

BNA_F

ClientSampleId :

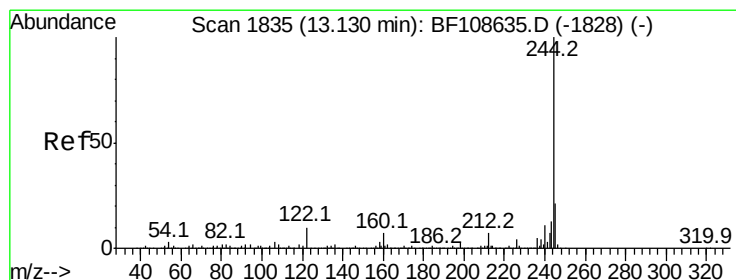
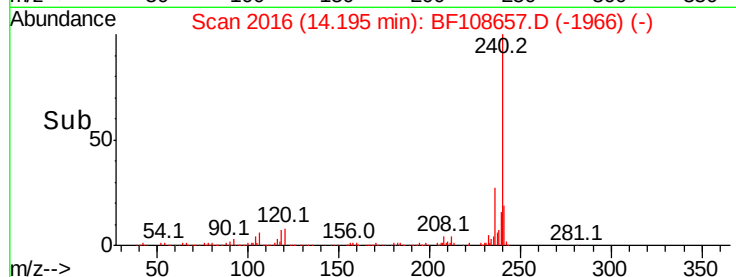
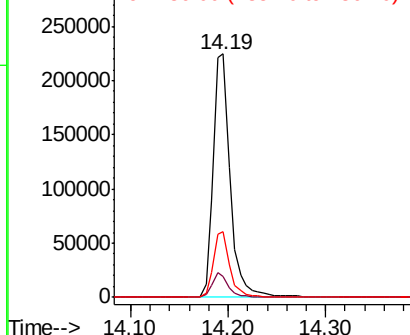
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	27.2	20.7	31.1



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: 41.663 ng

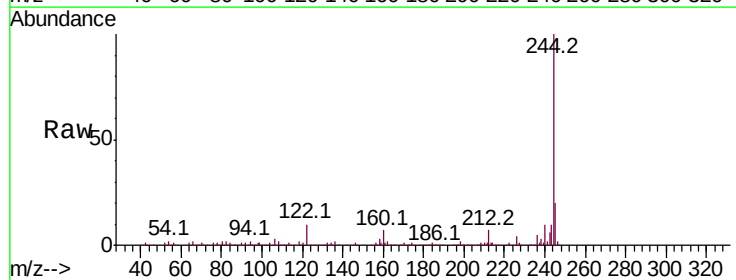
RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

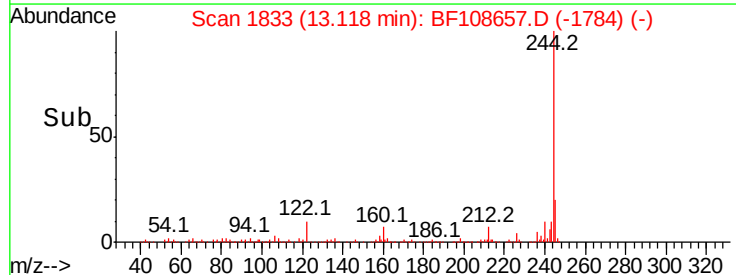
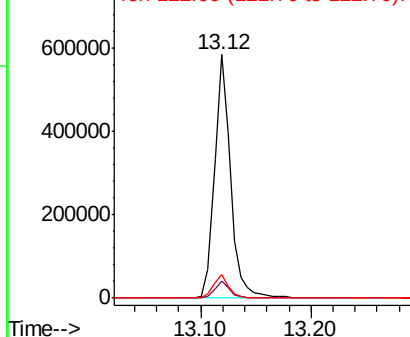
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.6	11.0	16.4#

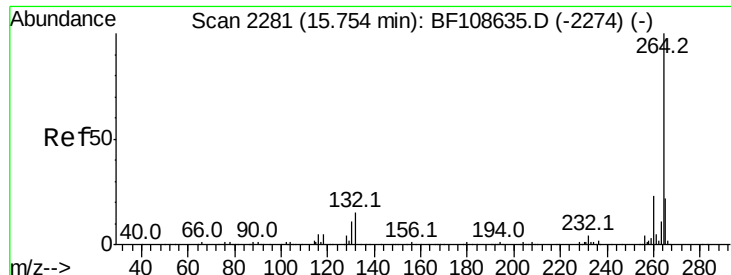


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

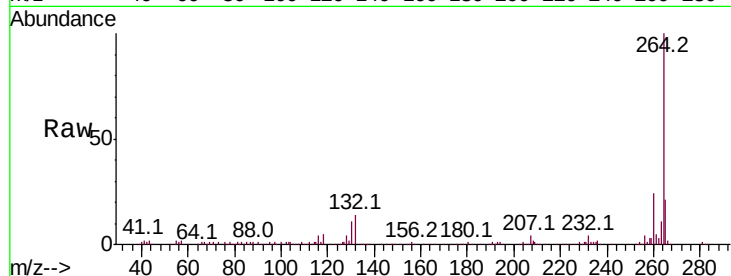




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	226348
Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

