

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108658.D
 Acq On : 30 Aug 2018 23:27
 Operator : JU/SJ
 Sample : J4692-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-NORTH-21ST

Quant Time: Aug 31 03:22:08 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

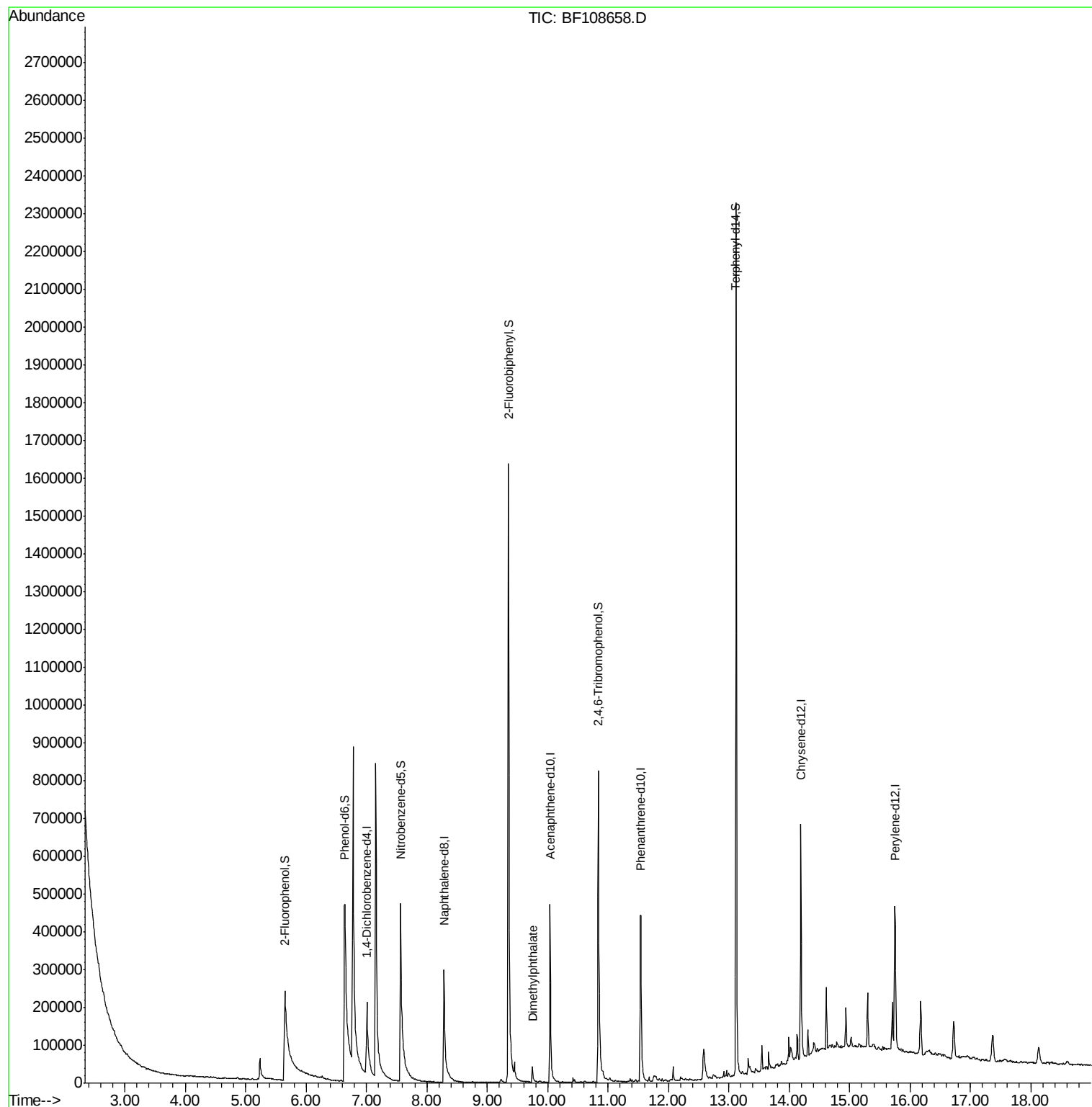
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	70421	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	280869	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	131860	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	266010	20.00	ng	0.00
75) Chrysene-d12	14.20	240	276338	20.00	ng	0.00
86) Perylene-d12	15.75	264	227506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	331329	81.74	ng	0.00
7) Phenol-d6	6.64	99	573151	98.72	ng	0.00
23) Nitrobenzene-d5	7.57	82	379447	68.57	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	154382	88.69	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	771924	78.71	ng	0.00
78) Terphenyl-d14	13.12	244	892332	62.74	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	33936	3.268	ng	Qvalue # 97

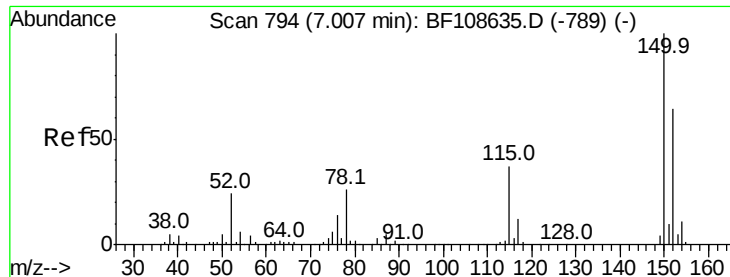
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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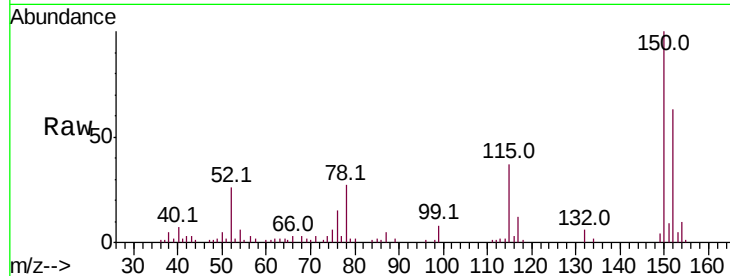


#1

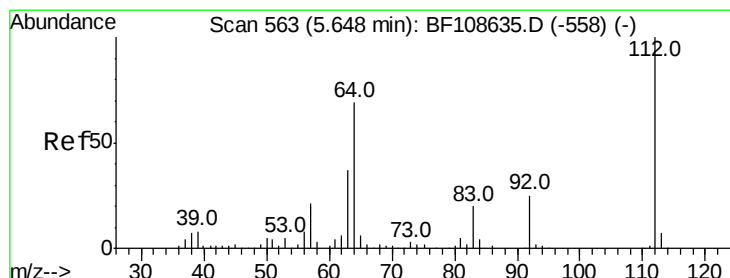
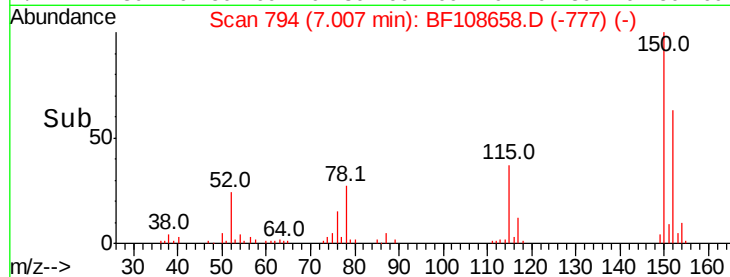
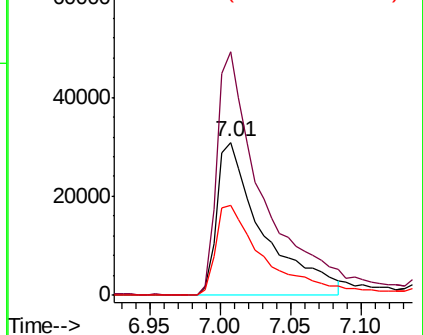
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 NB-NORTH-21ST

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	58.5	50.1	75.1



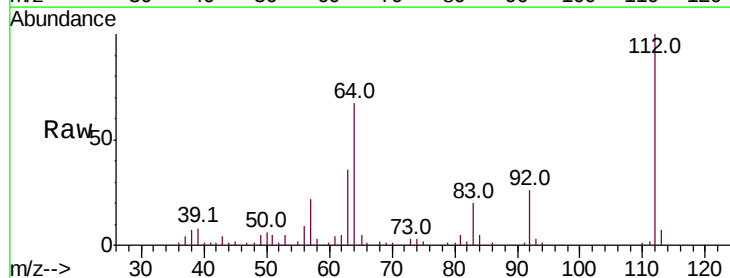
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



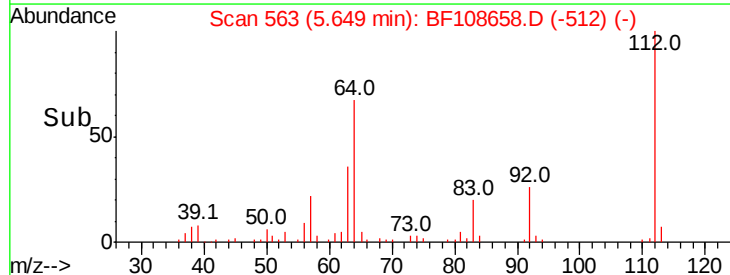
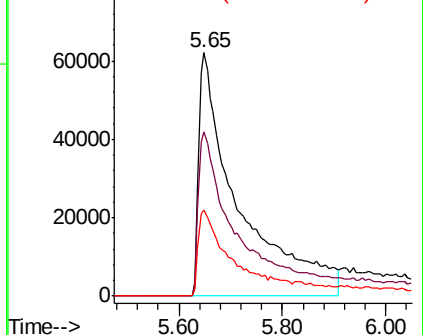
#5

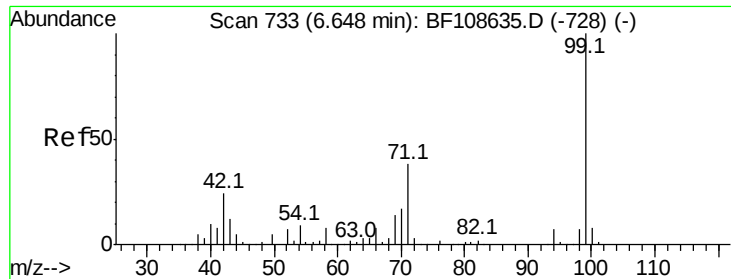
2-Fluorophenol
 Concen: 81.735 ng
 RT: 5.65 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	47.9	71.9
63	35.5	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: 98.718 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

Instrument :

BNA_F

ClientSampleId :

NB-NORTH-21ST

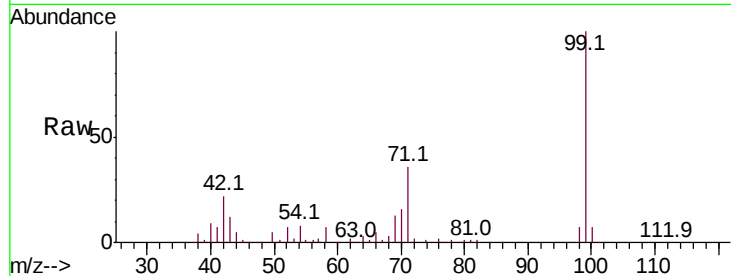
Tot Ion: 99 Resp: 573151

Ion Ratio Lower Upper

99 100

42 21.9 14.5 21.7#

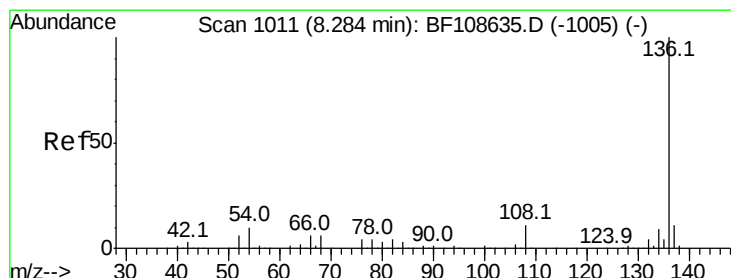
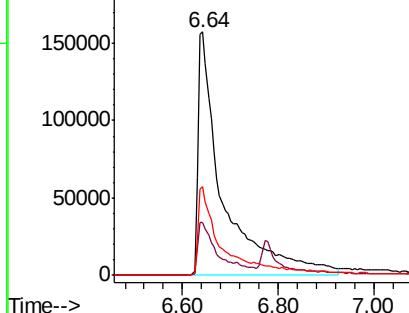
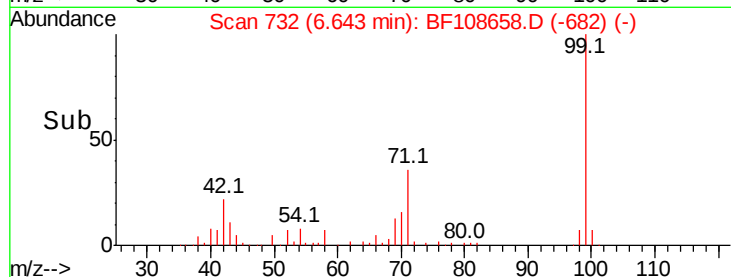
71 36.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

Tgt Ion: 136 Resp: 280869

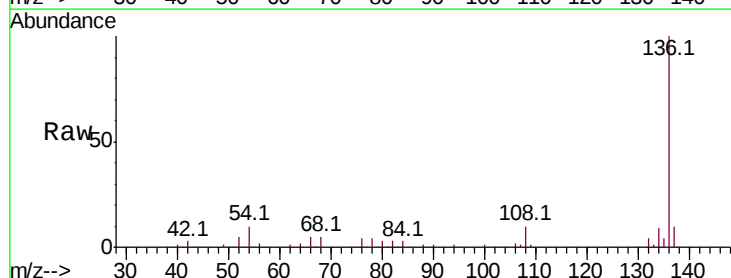
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 9.7 6.6 9.8

68 5.2 5.0 7.4

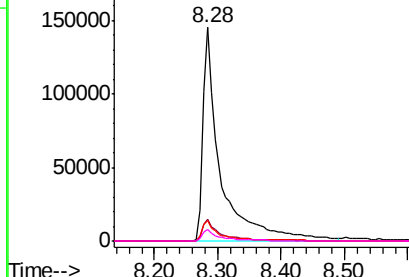
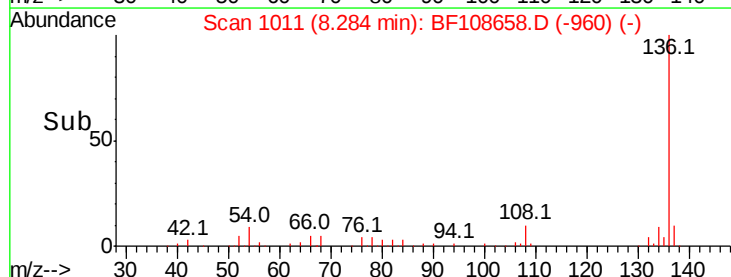


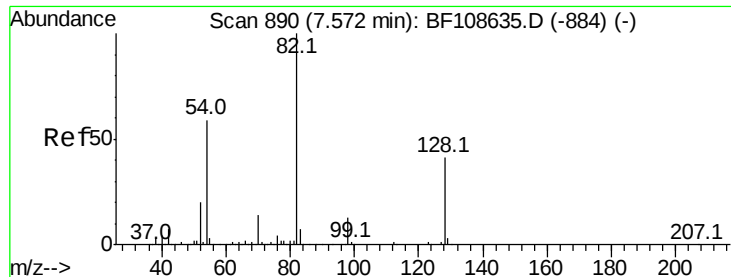
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.574 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

Instrument :

BNA_F

ClientSampleId :

NB-NORTH-21ST

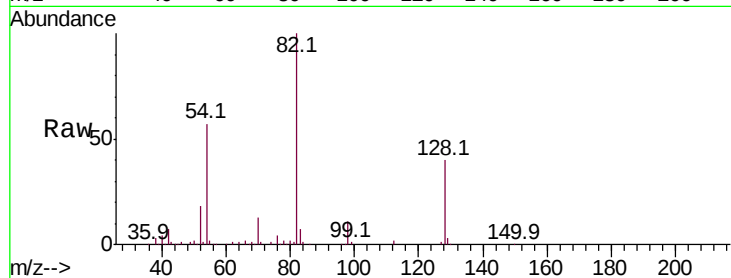
Tot Ion: 82 Resp: 379447

Ion Ratio Lower Upper

82 100

128 40.4 36.1 54.1

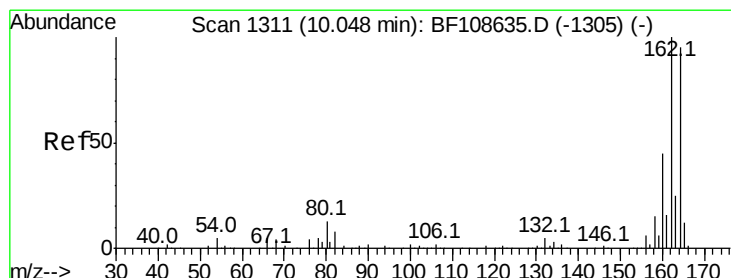
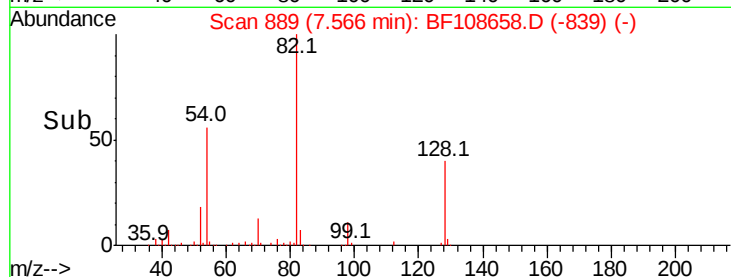
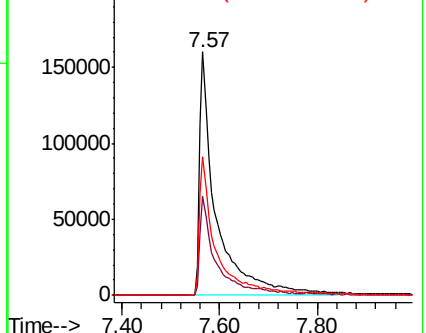
54 56.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

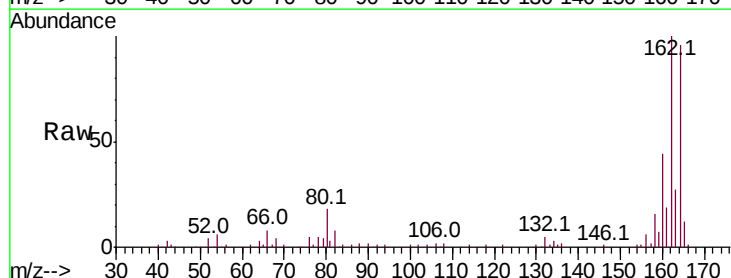
Tgt Ion:164 Resp: 131860

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

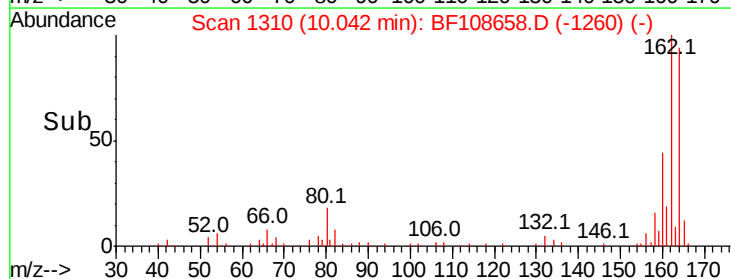
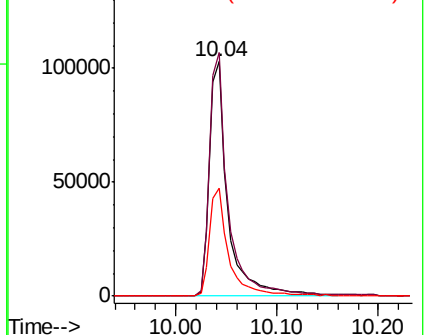
160 45.8 38.3 57.5



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

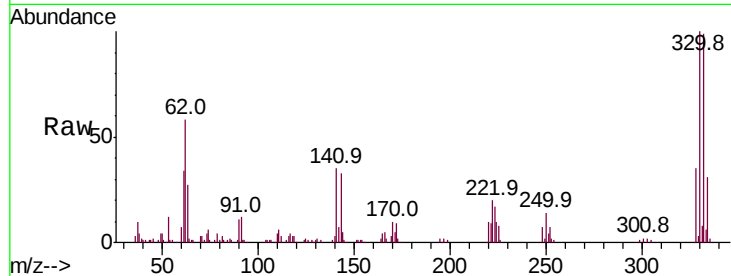




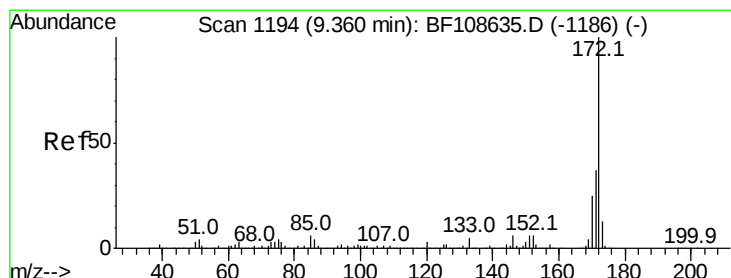
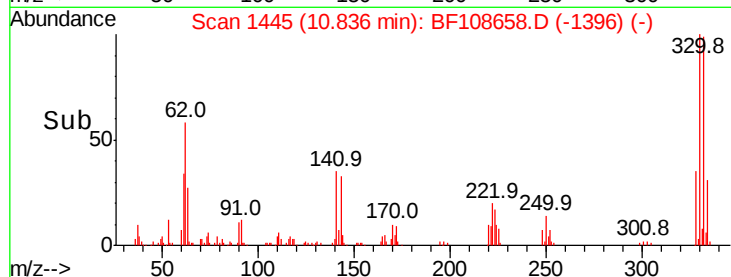
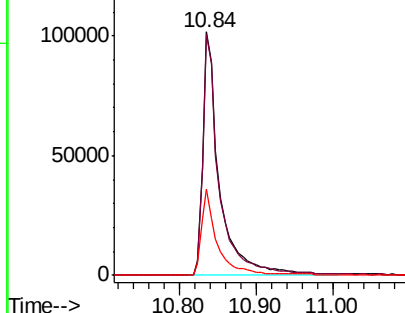
#41
 2,4,6-Tribromophenol
 Concen: 88.689 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 NB-NORTH-21ST

Tot Ion:330 Resp: 154382
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.1 29.9 44.9

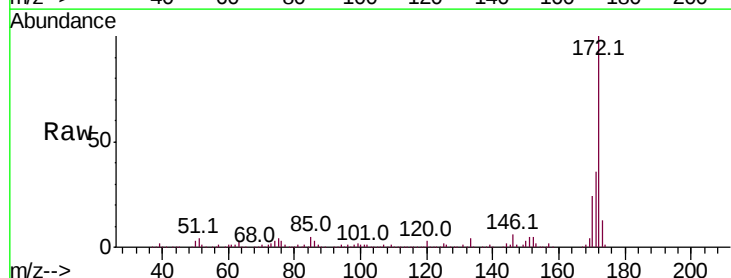


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

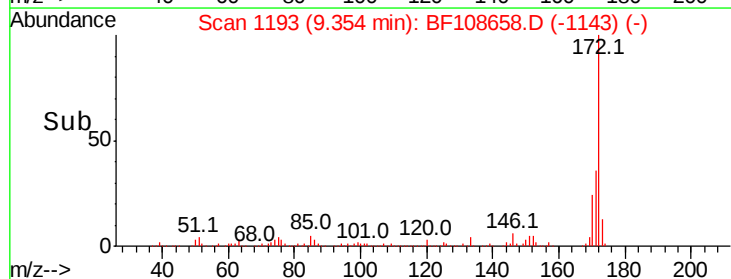
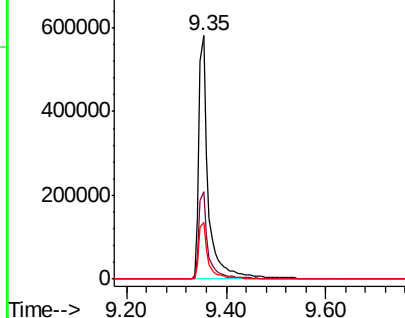


#44
 2-Fluorobiphenyl
 Concen: 78.713 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Tgt Ion:172 Resp: 771924
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.5 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

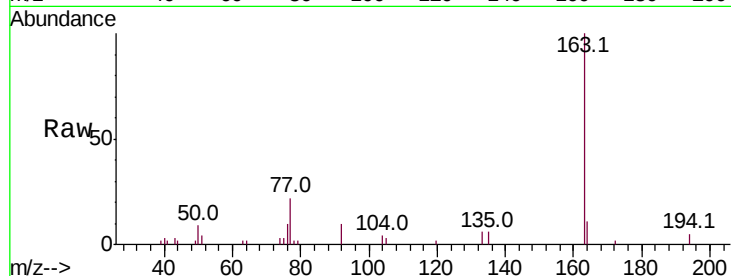




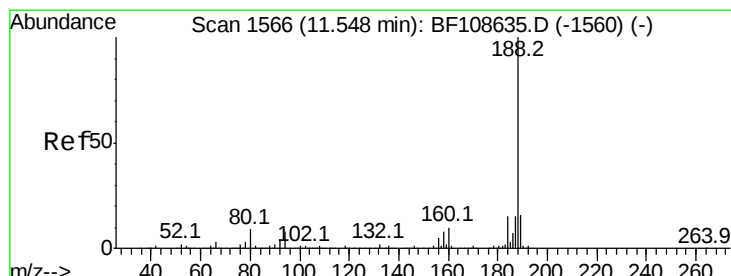
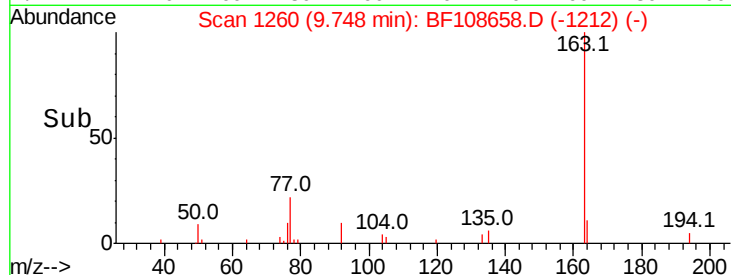
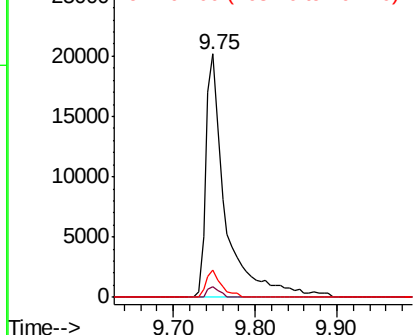
#49
Dimethylphthalate
Concen: 3.268 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Instrument :
BNA_F
ClientSampleId :
NB-NORTH-21ST

Tot Ion:163 Resp: 33936
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 11.2 8.2 12.2

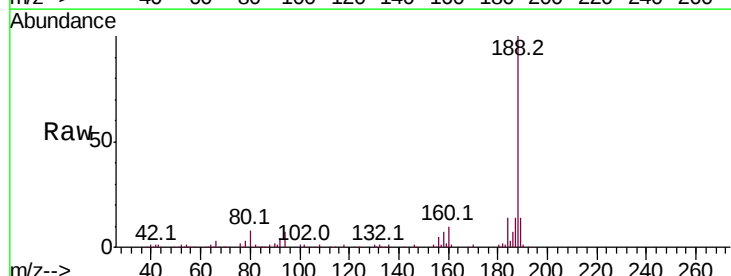


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

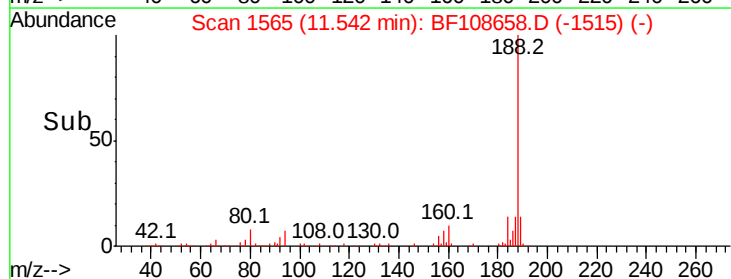
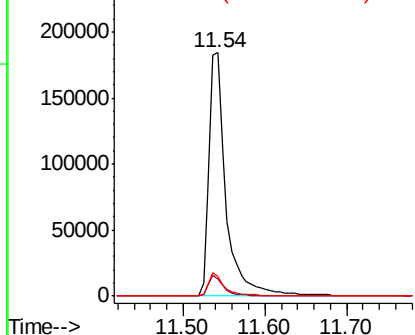


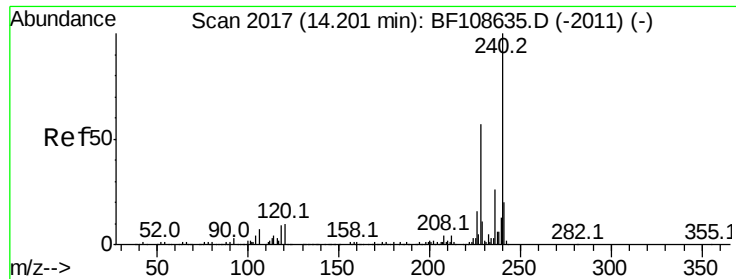
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Tgt Ion:188 Resp: 266010
Ion Ratio Lower Upper
188 100
94 7.2 8.5 12.7#
80 8.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

Instrument :

BNA_F

ClientSampleId :

NB-NORTH-21ST

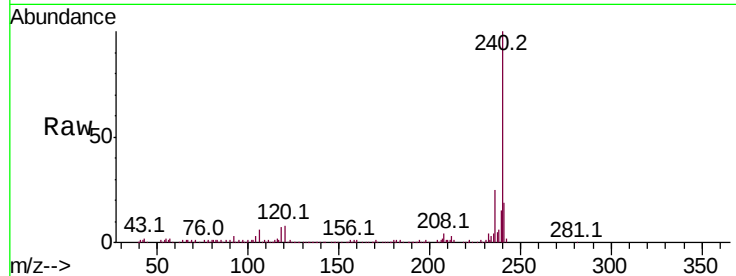
Tot Ion:240 Resp: 276338

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

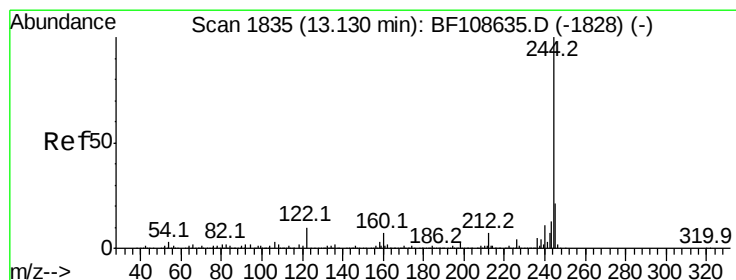
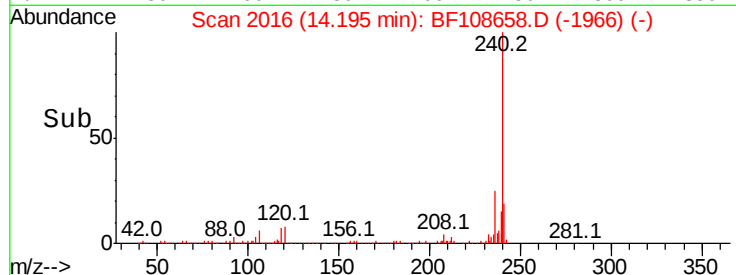
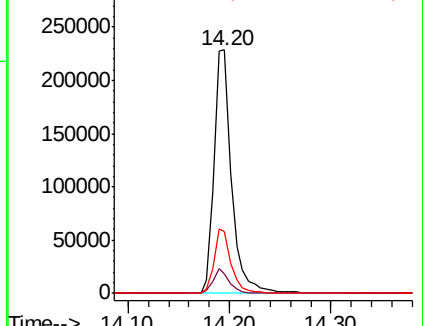
236 25.4 20.7 31.1



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: 62.740 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

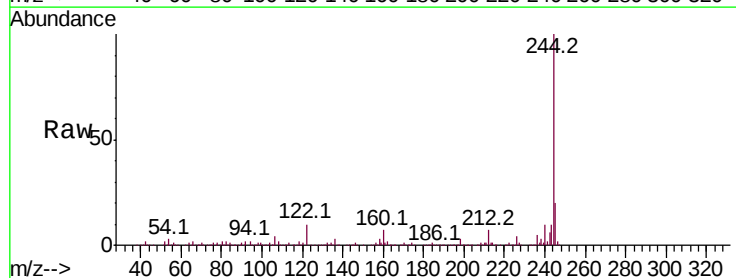
Tgt Ion:244 Resp: 892332

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

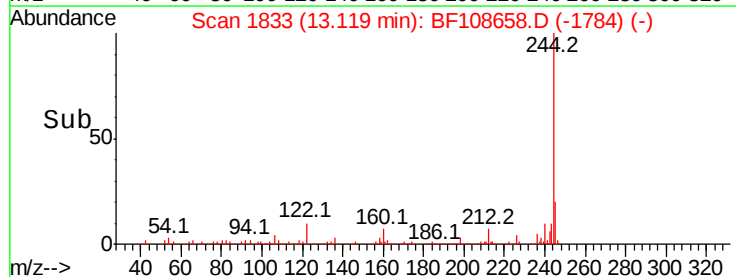
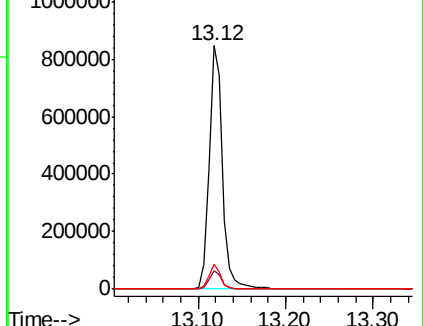
122 9.9 11.0 16.4#

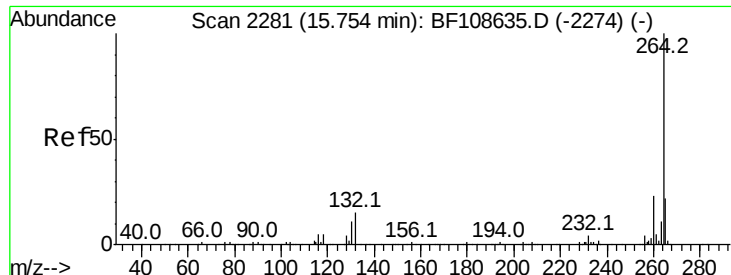


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

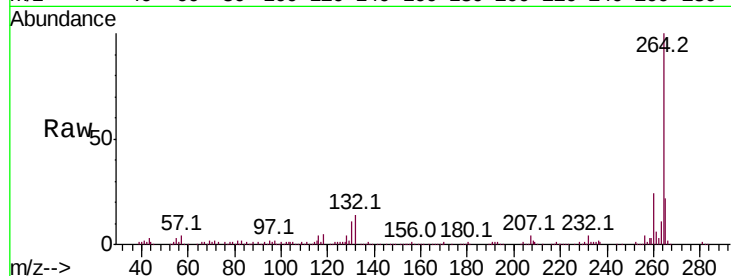




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :
 NB-NORTH-21ST

Tot Ion:	264	Resp:	227506
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.4	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

