

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108154.D
 Acq On : 14 Aug 2018 19:29
 Operator : JU/SJ
 Sample : J4458-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-93

Quant Time: Aug 15 11:30:13 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 08 12:24:24 2018
 Response via : Initial Calibration

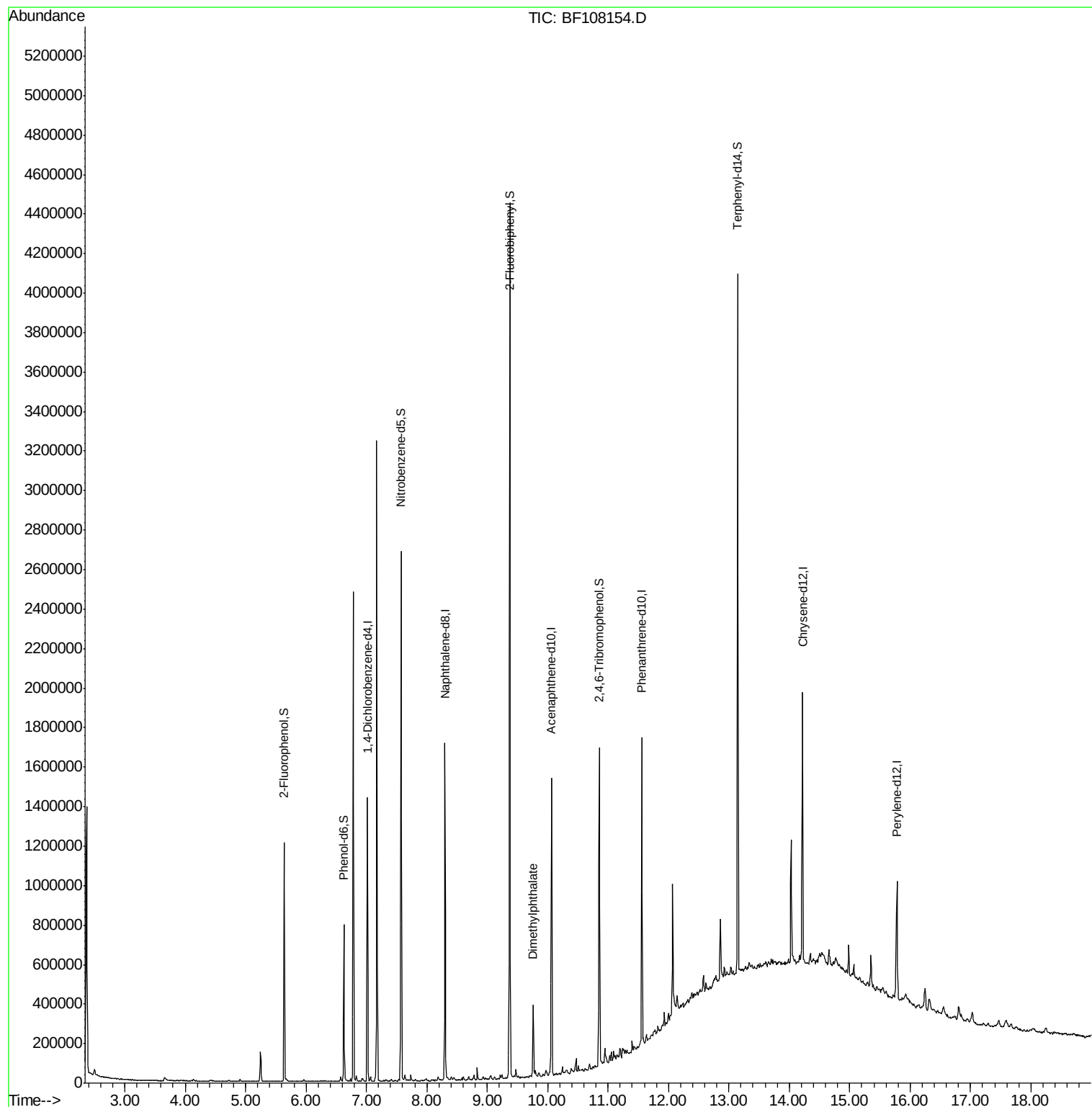
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	195528	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	695500	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	296273	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	525224	20.00	ng	0.00
75) Chrysene-d12	14.22	240	459915	20.00	ng	0.00
86) Perylene-d12	15.78	264	293954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	291184	26.96	ng	0.00
7) Phenol-d6	6.62	99	237425	16.54	ng	0.00
23) Nitrobenzene-d5	7.58	82	812505	65.19	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	177584	60.09	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1415591	76.71	ng	0.00
78) Terphenyl-d14	13.15	244	1173130	64.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	144511	7.002	ng	Qvalue # 99

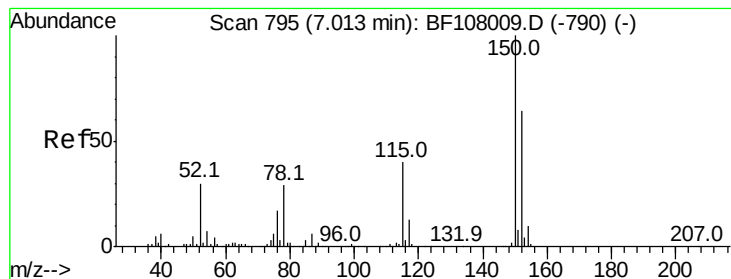
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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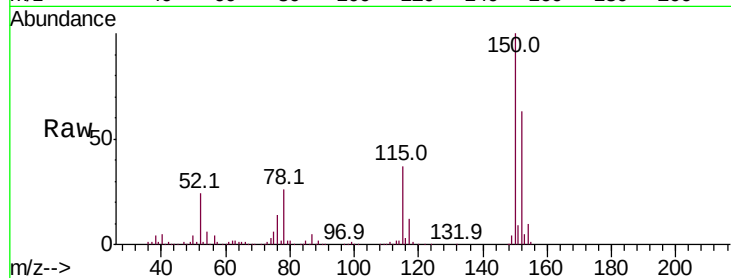


#1

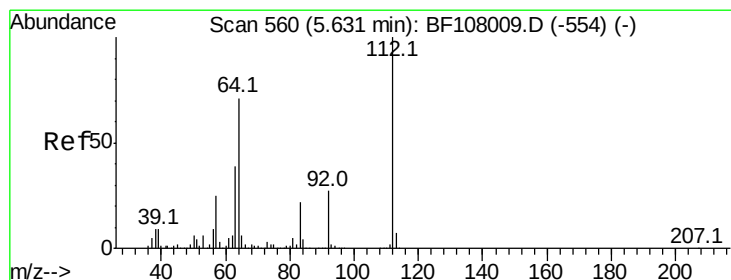
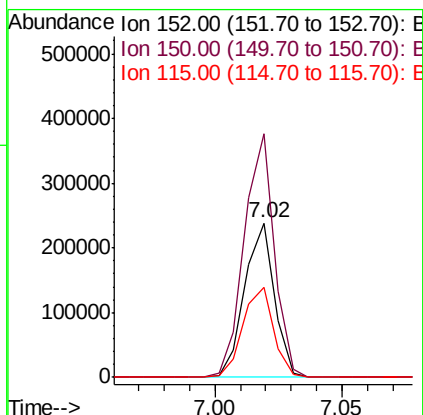
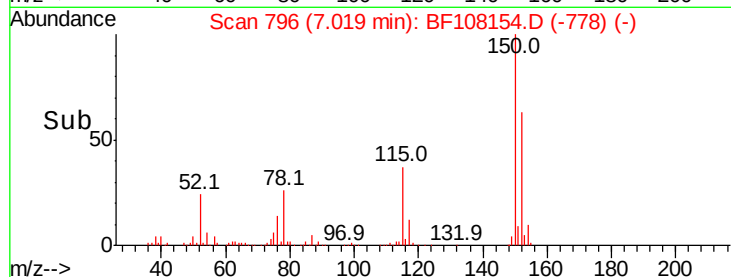
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :
MH-93

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	58.6	50.1	75.1



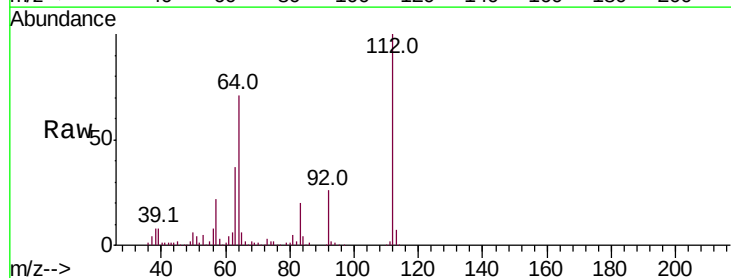
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



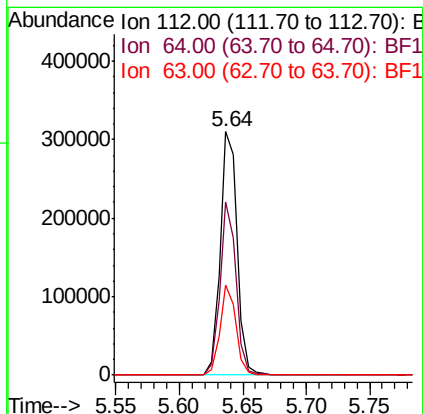
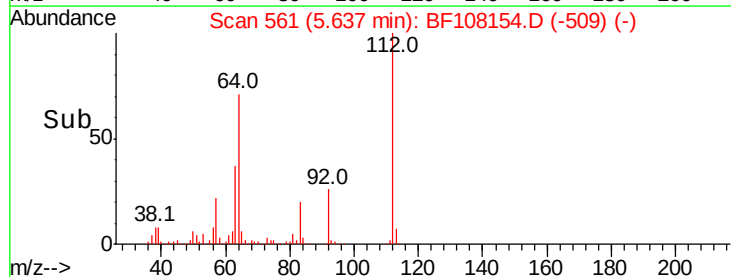
#5

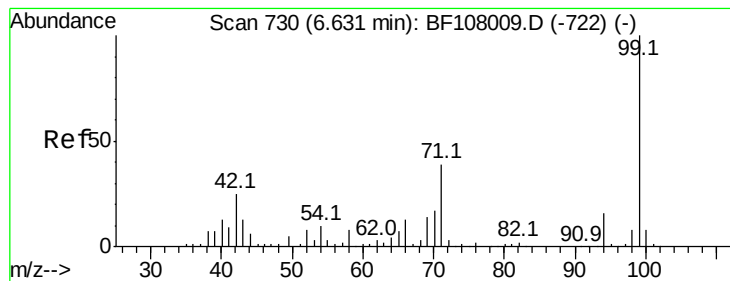
2-Fluorophenol
Concen: 26.962 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	47.9	71.9
63	36.8	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: 16.543 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Instrument :

BNA_F

ClientSampleId :

MH-93

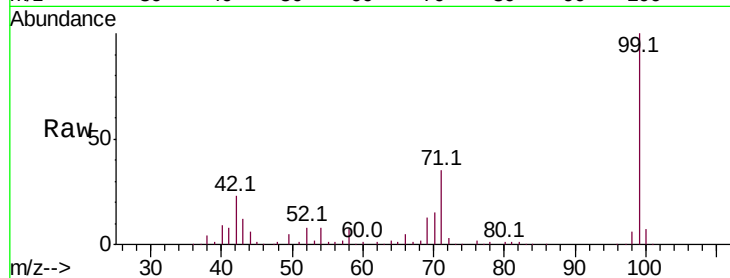
Tot Ion: 99 Resp: 237425

Ion Ratio Lower Upper

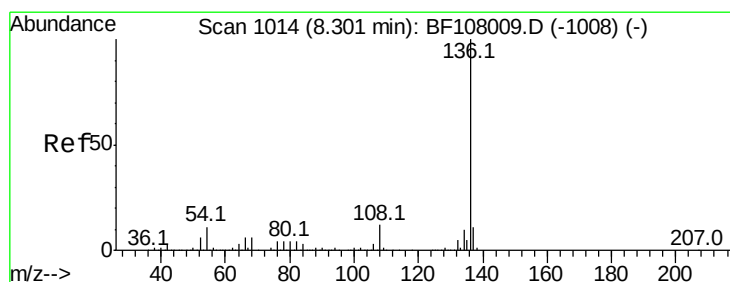
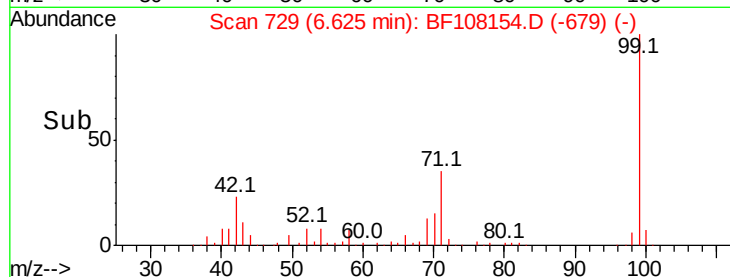
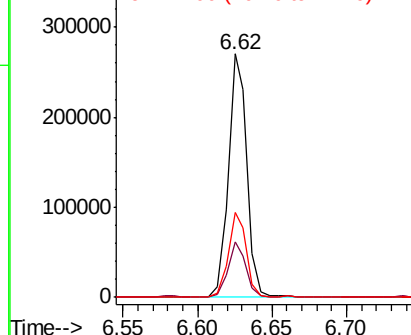
99 100

42 22.6 14.5 21.7#

71 34.9 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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Tgt Ion: 136 Resp: 695500

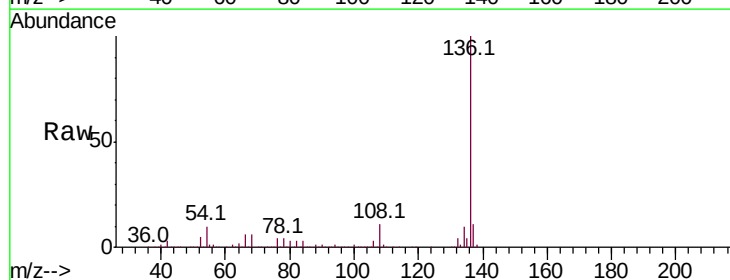
Ion Ratio Lower Upper

136 100

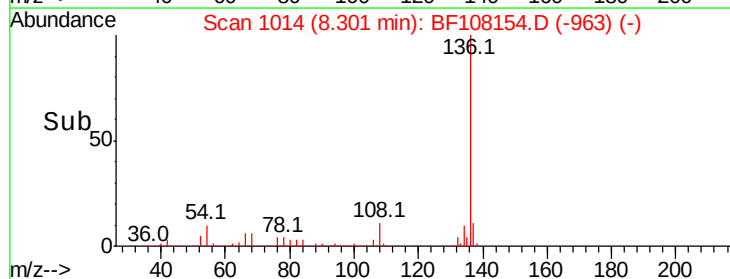
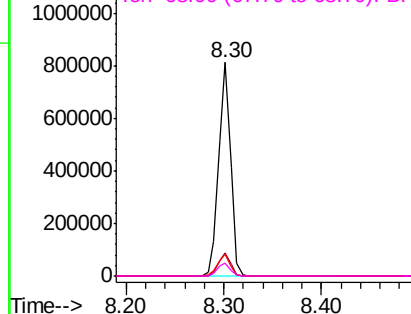
137 10.9 8.9 13.3

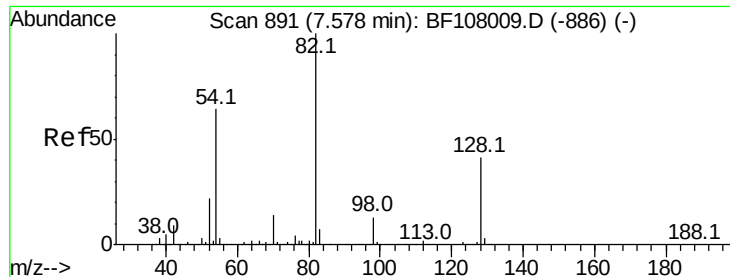
54 10.2 6.6 9.8#

68 6.2 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

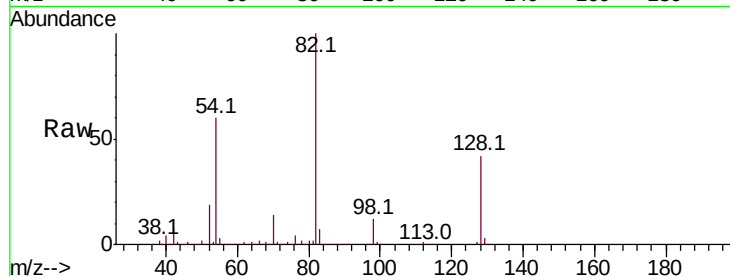




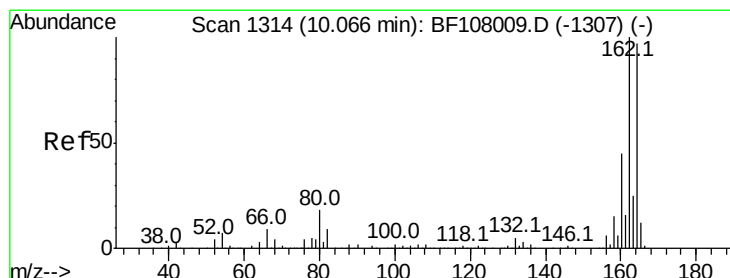
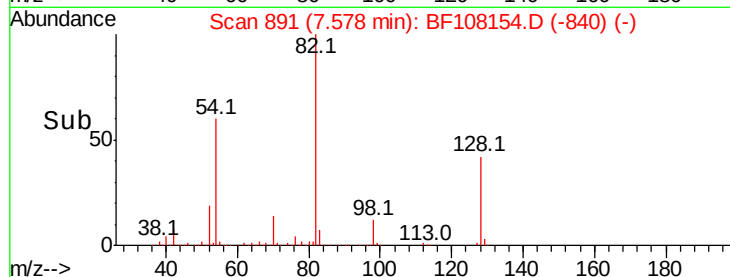
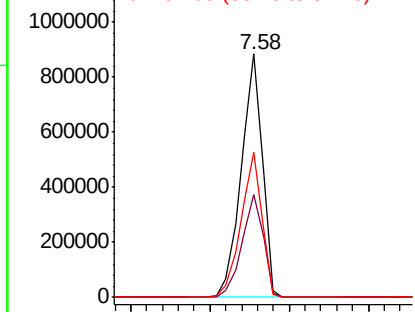
#23
Nitrobenzene-d5
Concen: 65.189 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :
MH-93

Tot Ion: 82 Resp: 812505
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 59.6 41.4 62.2

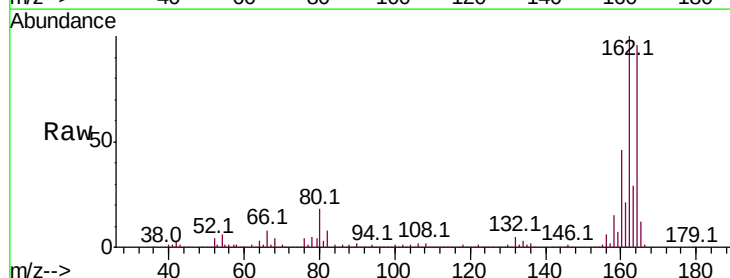


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

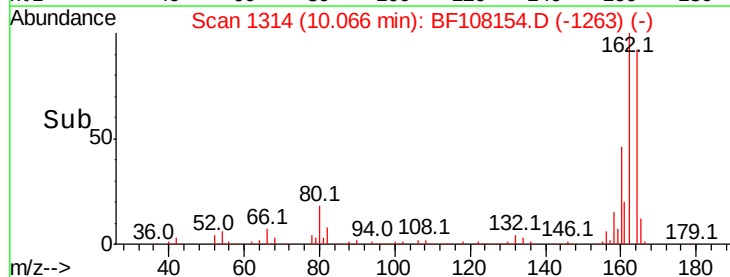
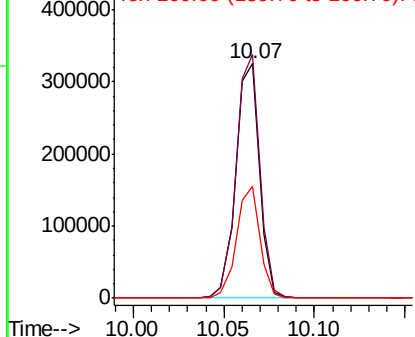


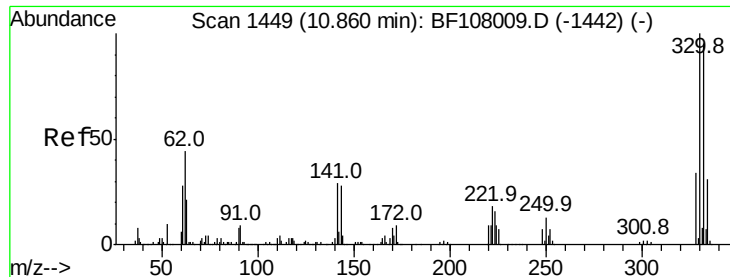
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Tgt Ion:164 Resp: 296273
Ion Ratio Lower Upper
164 100
162 103.8 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

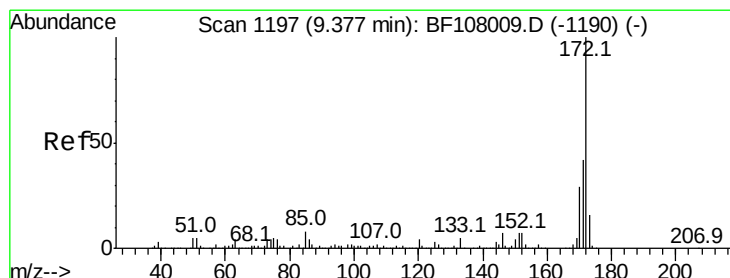
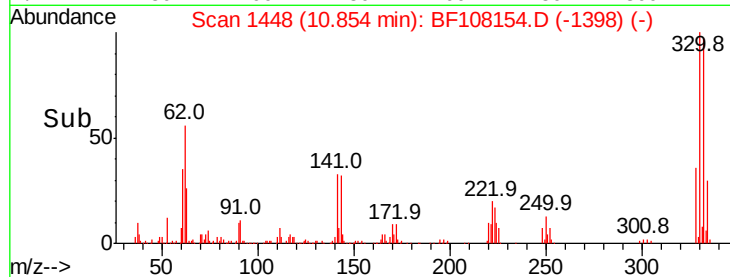
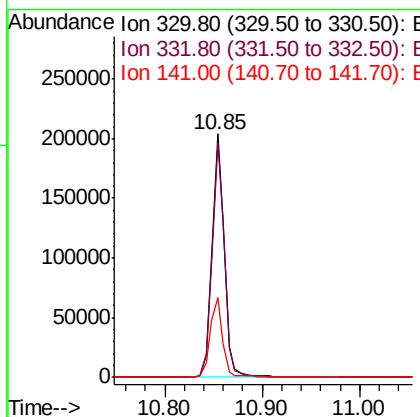
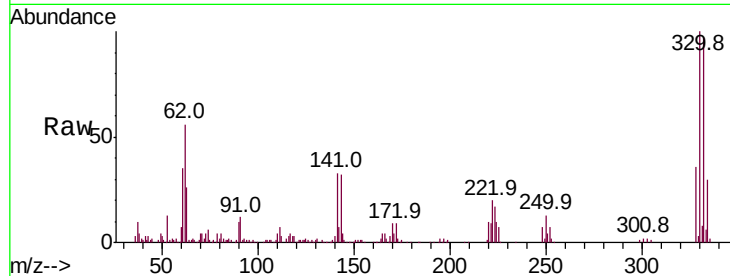




#41
 2,4,6-Tribromophenol
 Concen: 60.091 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108154.D
 Acq: 14 Aug 2018 19:29

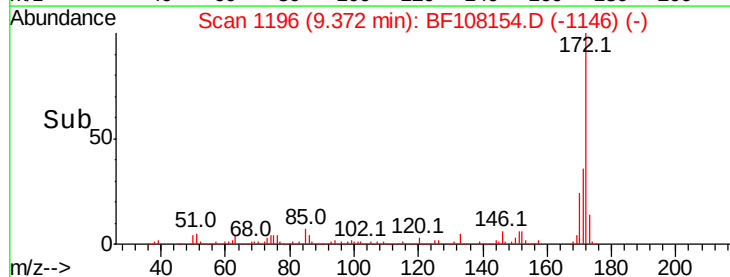
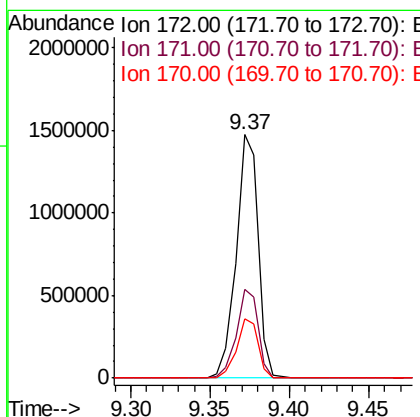
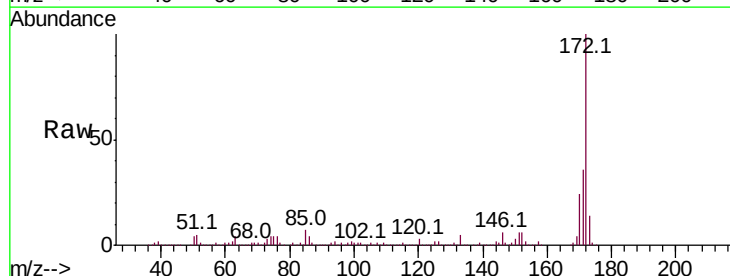
Instrument :
 BNA_F
 ClientSampled :
 MH-93

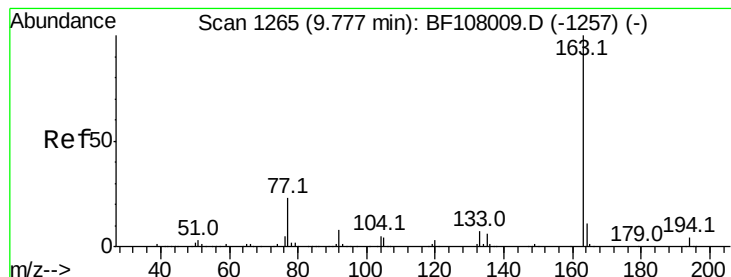
Tot Ion:330 Resp: 177584
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 34.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 76.709 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108154.D
 Acq: 14 Aug 2018 19:29

Tgt Ion:172 Resp: 1415591
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 19.6 29.4





#49

Dimethylphthalate

Concen: 7.002 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Instrument :

BNA_F

ClientSampleId :

MH-93

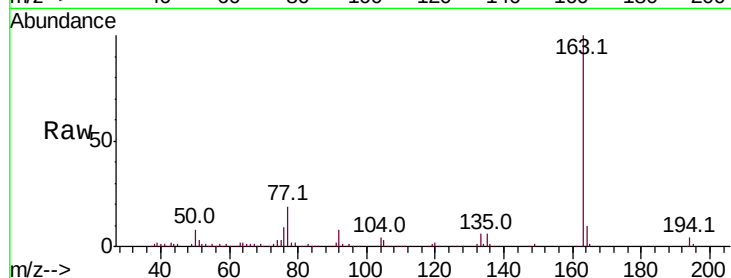
Tot Ion:163 Resp: 144511

Ion Ratio Lower Upper

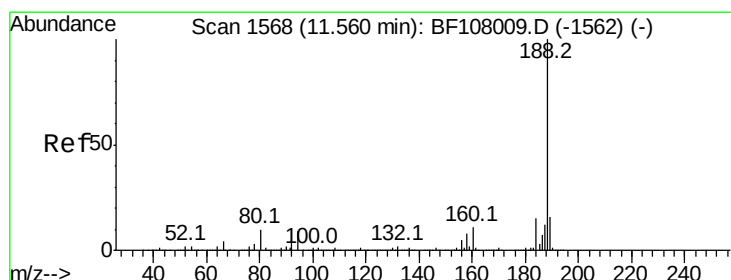
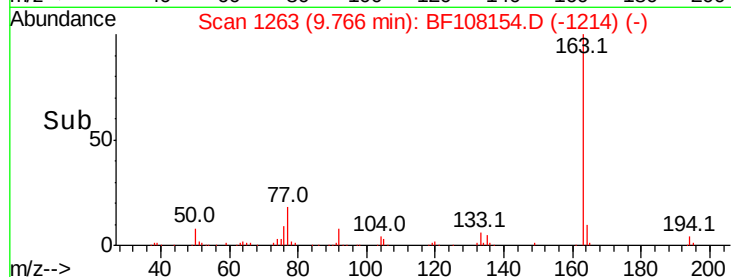
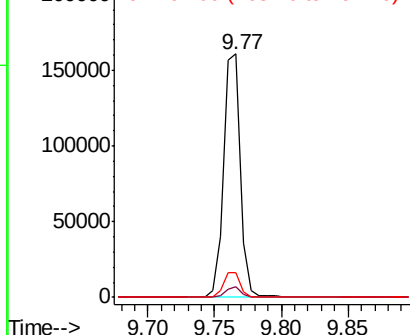
163 100

194 4.1 2.7 4.1#

164 10.0 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: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

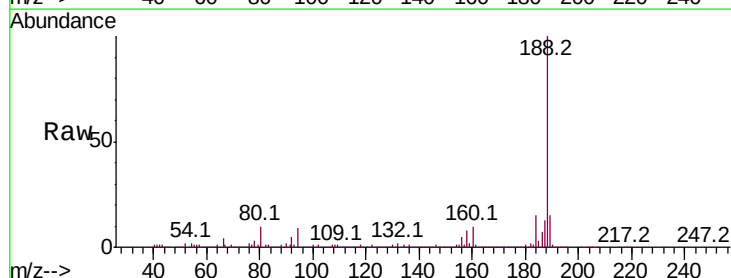
Tgt Ion:188 Resp: 525224

Ion Ratio Lower Upper

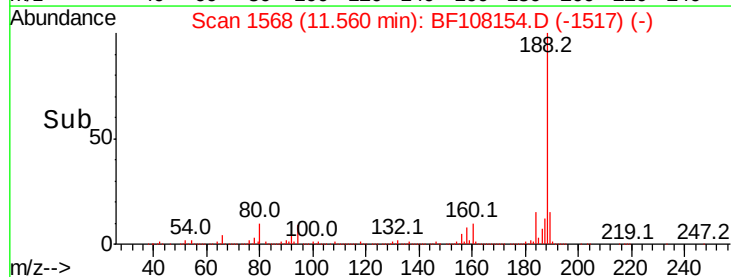
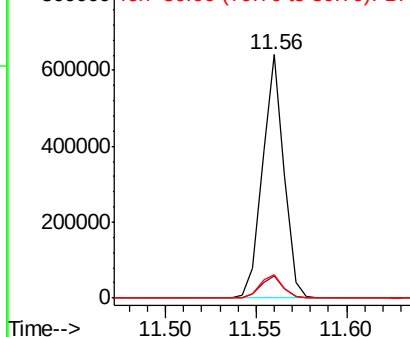
188 100

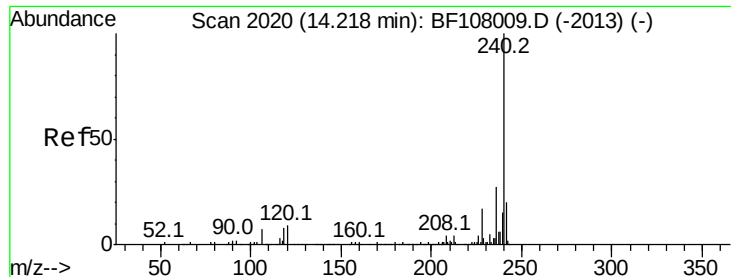
94 9.3 8.5 12.7

80 9.7 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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

Instrument :

BNA_F

ClientSampleId :

MH-93

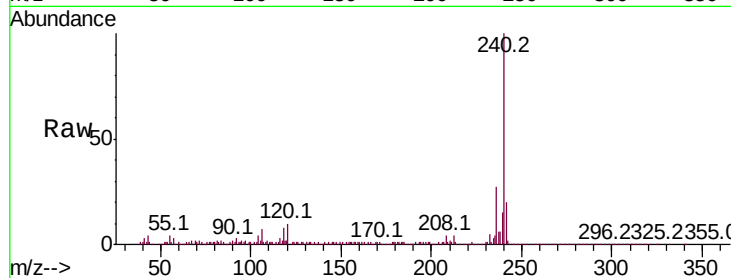
Tot Ion:240 Resp: 459915

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

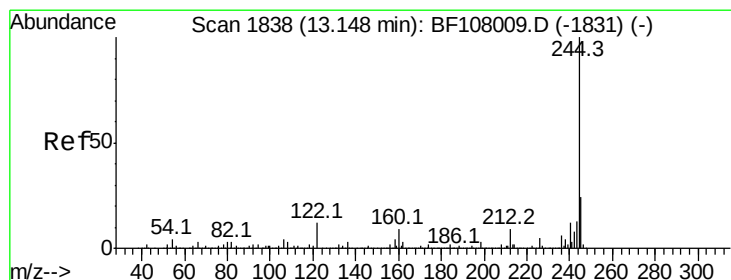
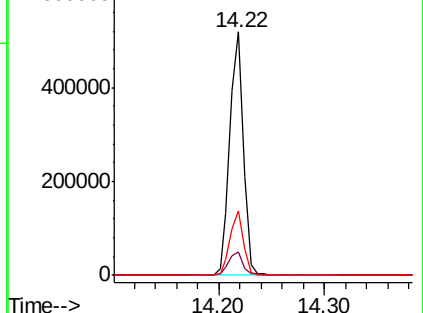
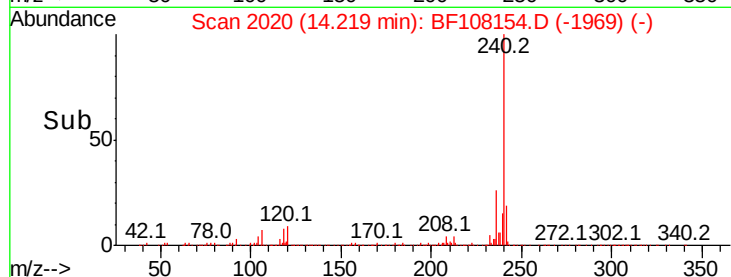
236 26.5 20.7 31.1



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: 64.855 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108154.D

Acq: 14 Aug 2018 19:29

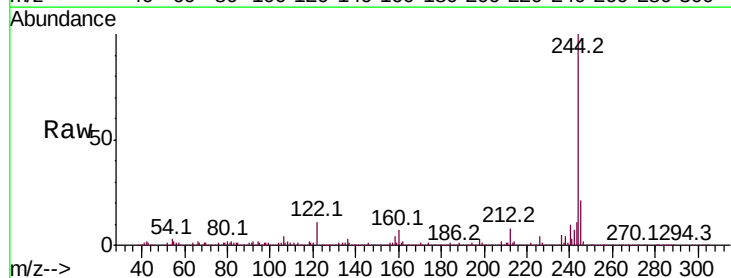
Tgt Ion:244 Resp: 1173130

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

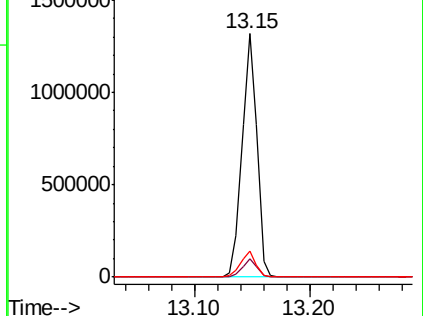
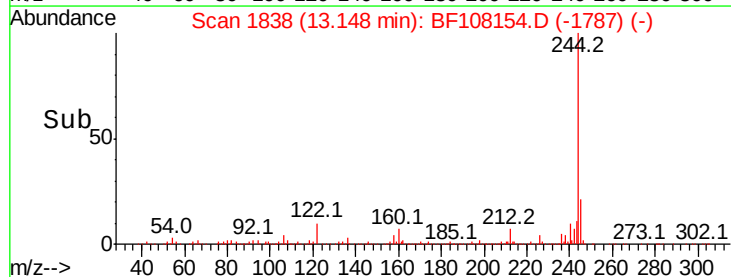
122 10.6 11.0 16.4#

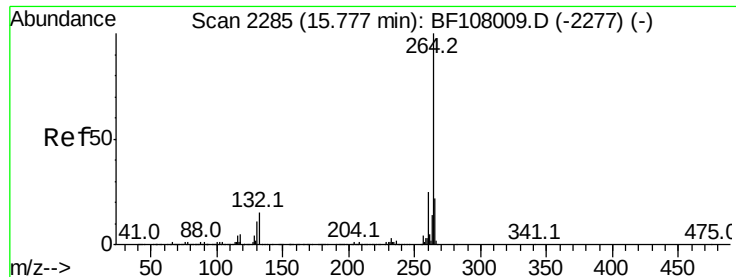


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

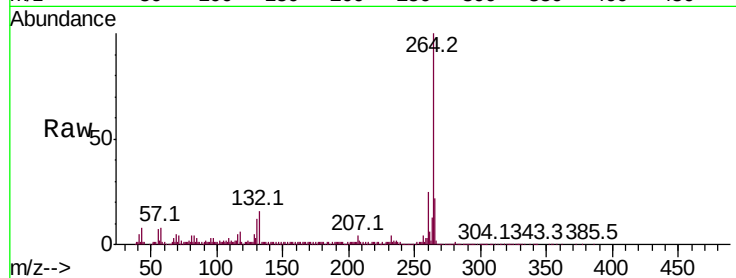




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108154.D
Acq: 14 Aug 2018 19:29

Instrument :
BNA_F
ClientSampleId :
MH-93

Tot Ion:	264	Resp:	293954
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	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

