

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108592.D
 Acq On : 29 Aug 2018 8:19
 Operator : JU/SJ
 Sample : PB112433BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112433BL

Quant Time: Aug 29 08:52:16 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111368	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	421062	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	200324	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	339351	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	283764	20.00	ng	-0.01
86) Perylene-d12	15.75	264	230019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	556187	90.42	ng	0.00
7) Phenol-d6	6.62	99	828919	101.40	ng	0.00
23) Nitrobenzene-d5	7.56	82	790591	104.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	181426	90.80	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1462839	117.24	ng	-0.01
78) Terphenyl-d14	13.12	244	1123641	100.68	ng	0.00

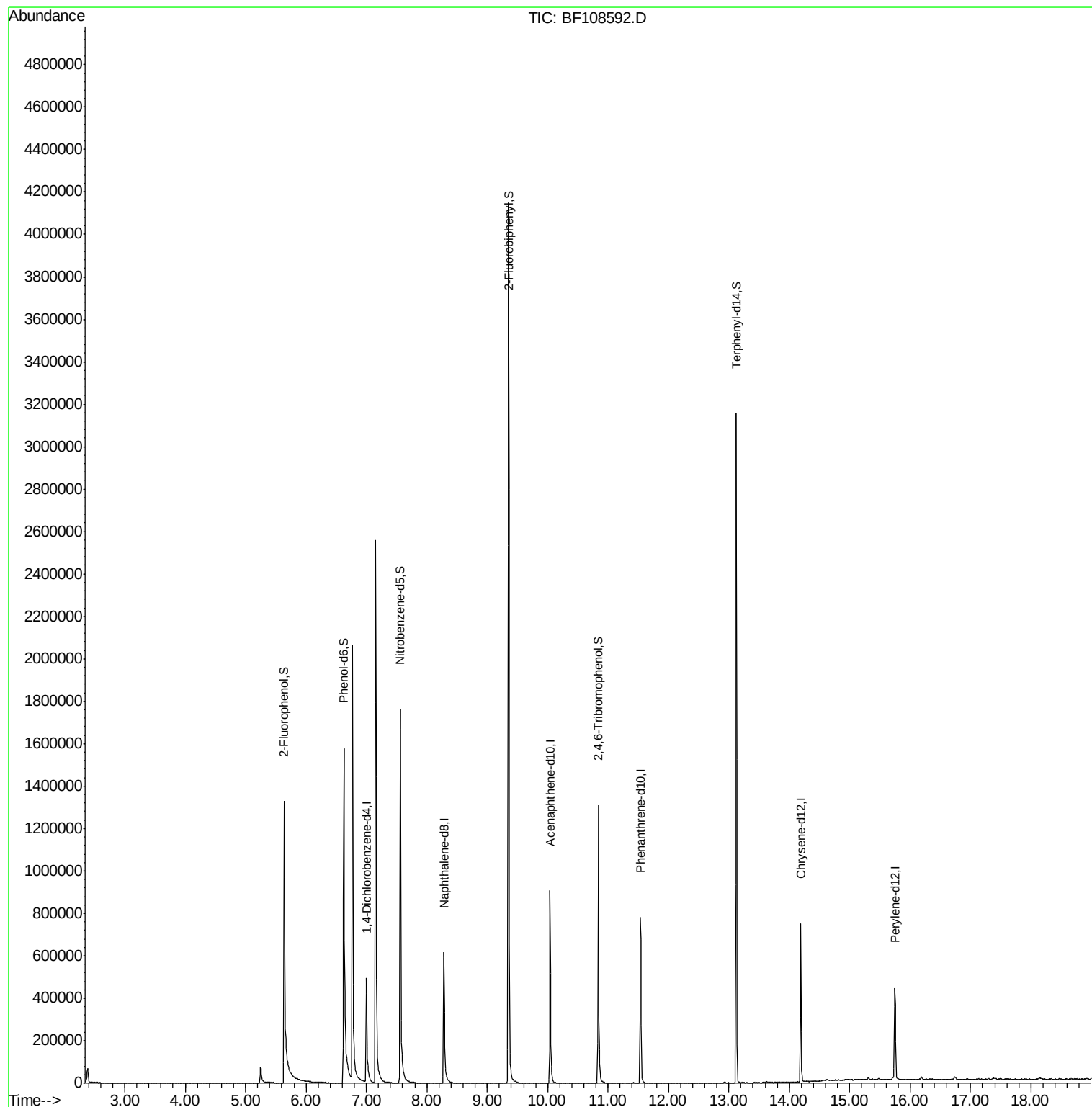
Target Compounds Qvalue

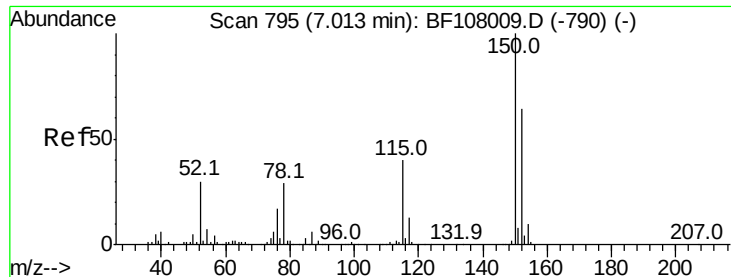
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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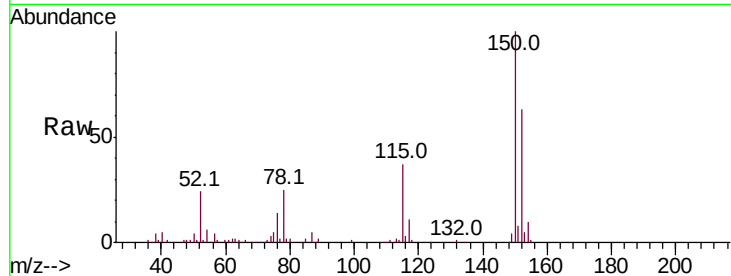


#1

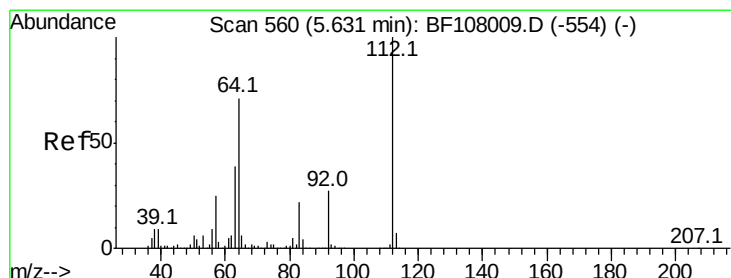
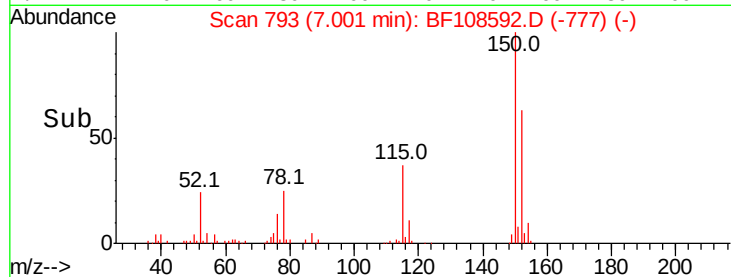
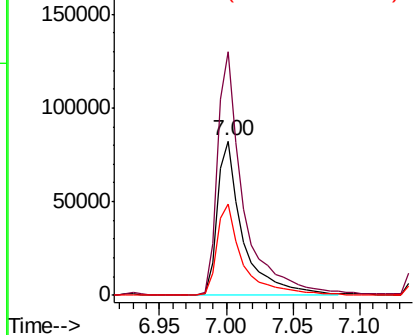
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

Instrument :
BNA_F
ClientSampleId :
PB112433BL

Tot Ion:152 Resp: 111368
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 59.0 50.1 75.1



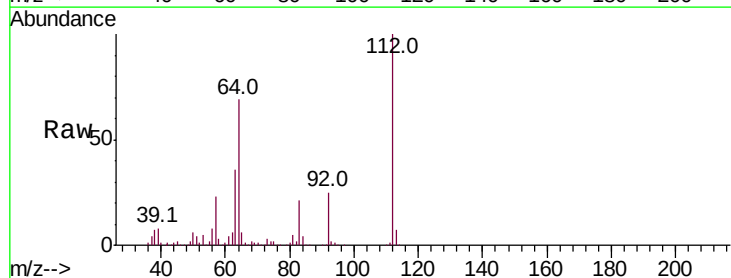
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



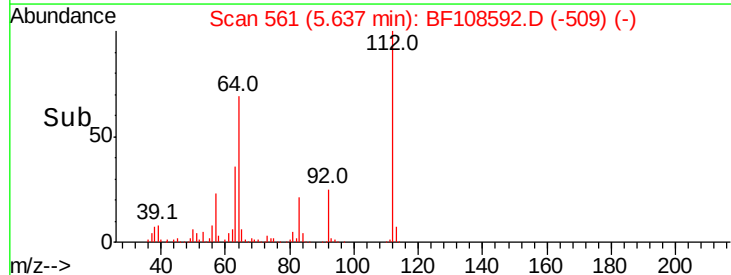
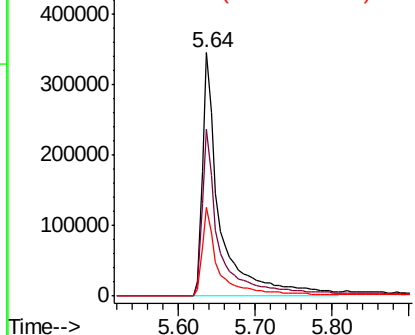
#5

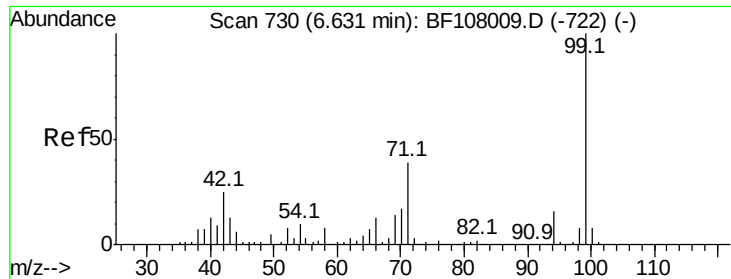
2-Fluorophenol
Concen: 90.417 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

Tgt Ion:112 Resp: 556187
Ion Ratio Lower Upper
112 100
64 68.5 47.9 71.9
63 36.3 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: 101.405 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

Instrument :

BNA_F

ClientSampleId :

PB112433BL

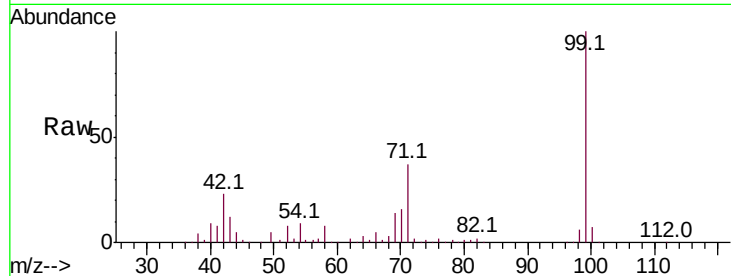
Tot Ion: 99 Resp: 828919

Ion Ratio Lower Upper

99 100

42 22.9 14.5 21.7#

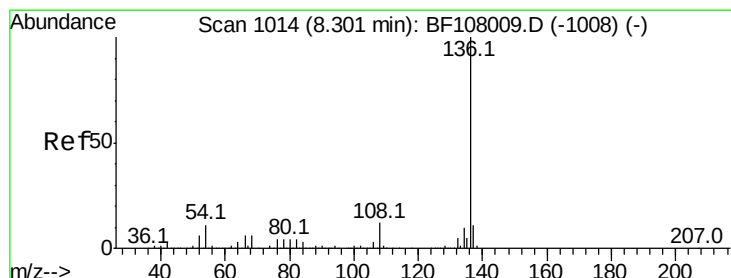
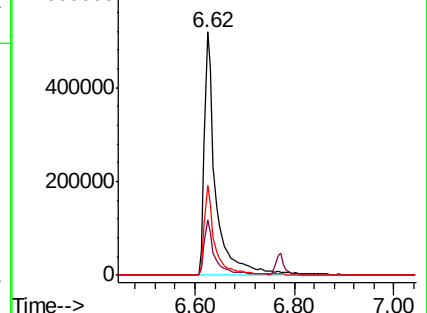
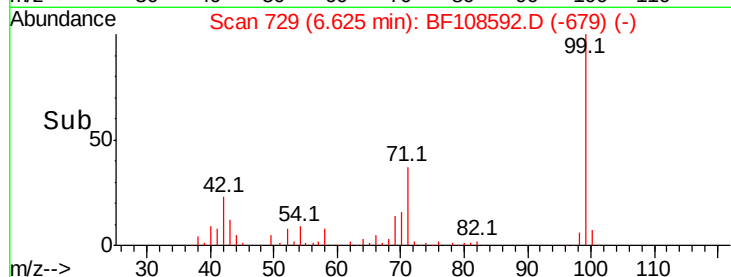
71 37.1 25.4 38.0



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. -0.01 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

Tgt Ion: 136 Resp: 421062

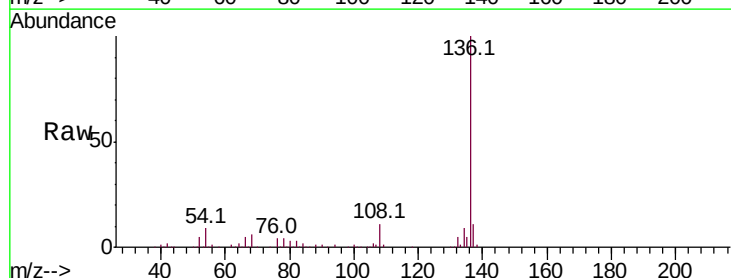
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 5.7 5.0 7.4

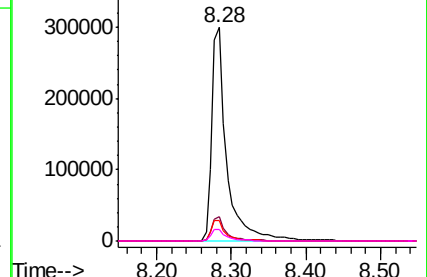
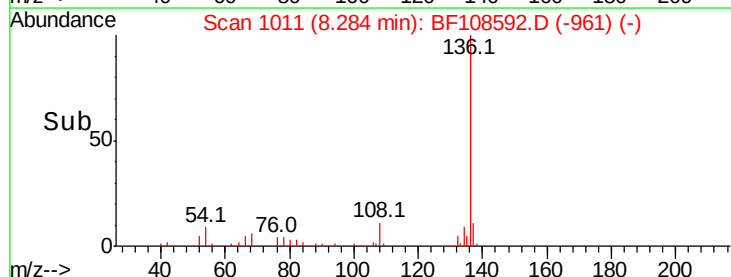


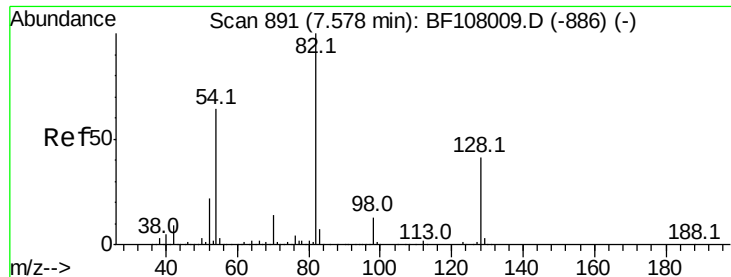
Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.773 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

Instrument :

BNA_F

ClientSampleId :

PB112433BL

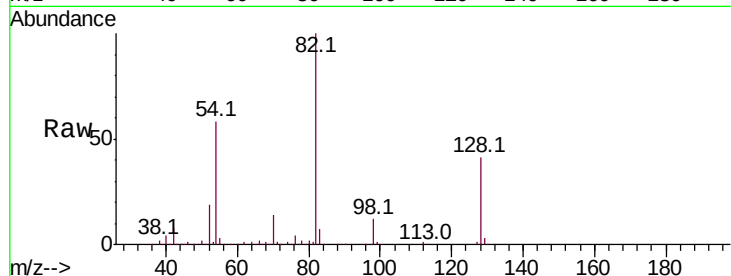
Tot Ion: 82 Resp: 790591

Ion Ratio Lower Upper

82 100

128 41.4 36.1 54.1

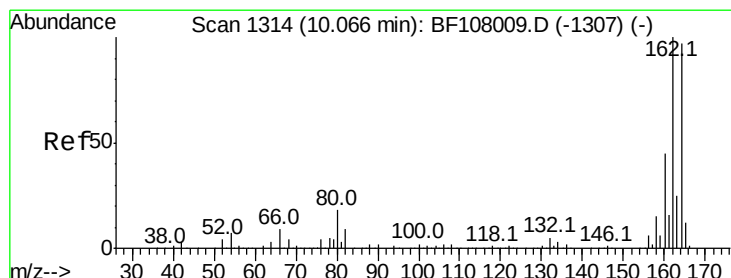
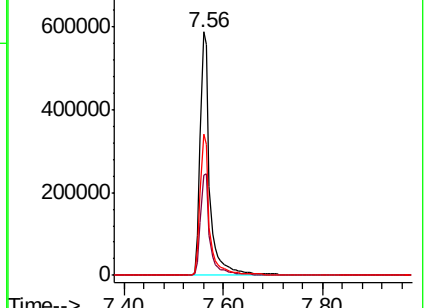
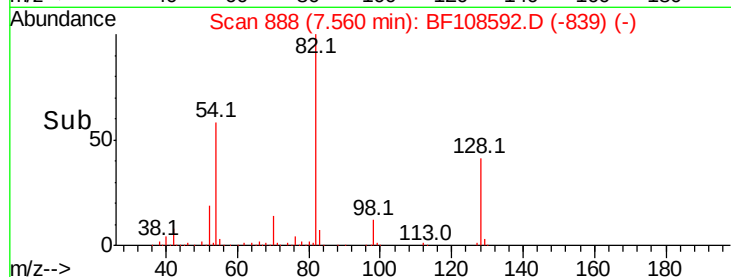
54 58.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): 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: BF108592.D

Acq: 29 Aug 2018 8:19

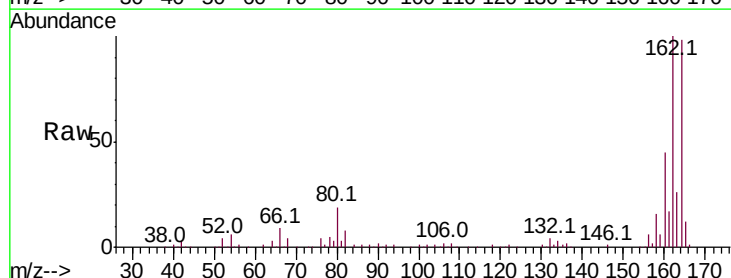
Tgt Ion:164 Resp: 200324

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

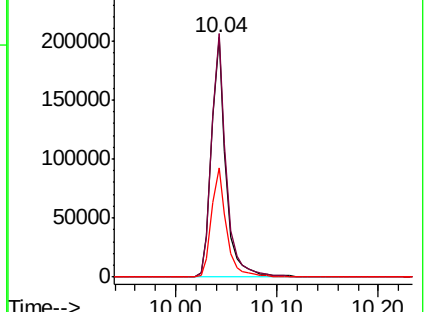
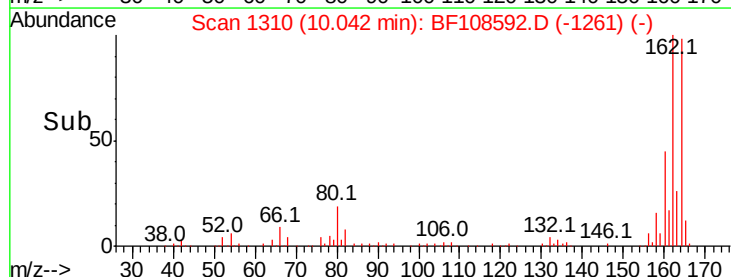
160 45.7 38.3 57.5

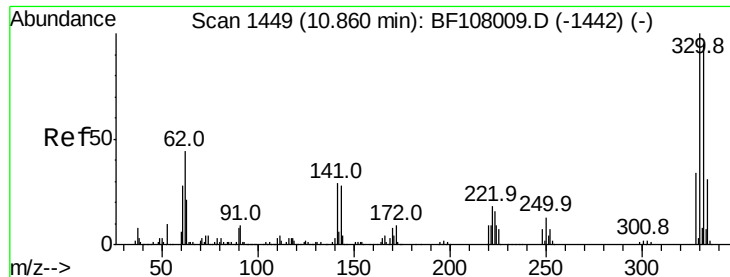


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

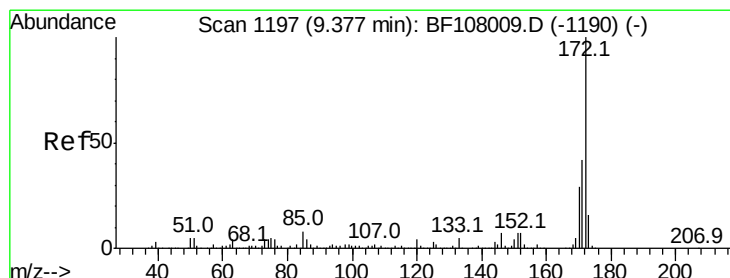
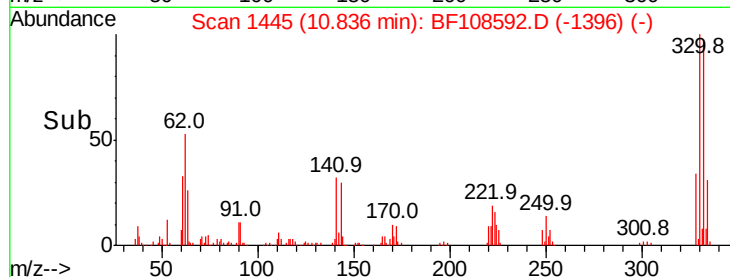
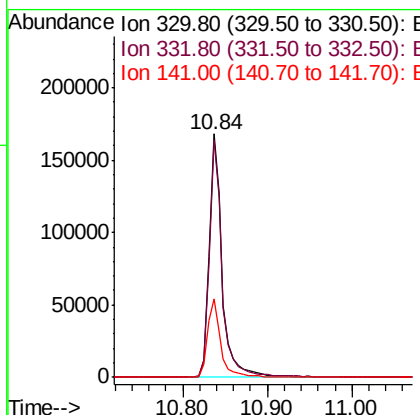
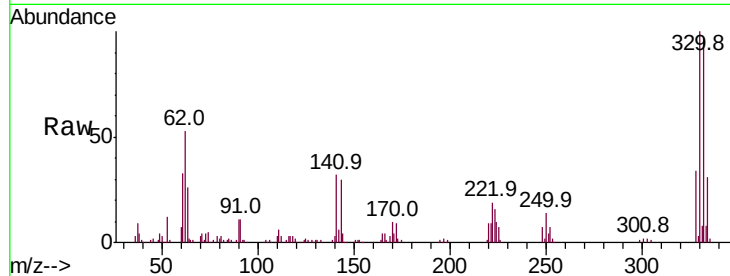




#41
 2,4,6-Tribromophenol
 Concen: 90.796 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

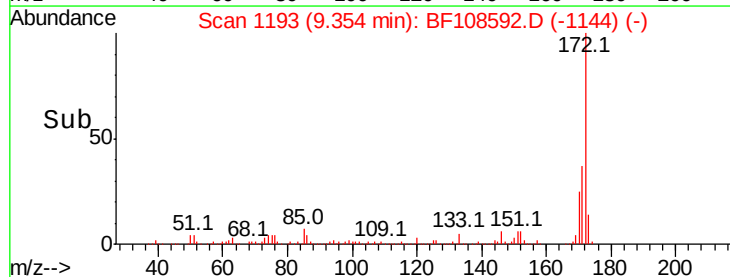
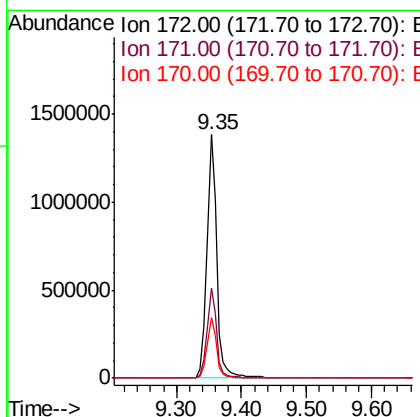
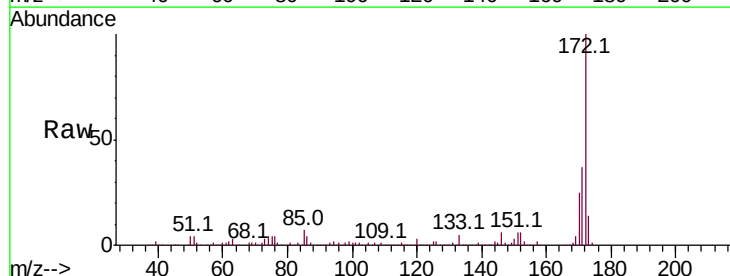
Instrument :
 BNA_F
 ClientSampleId :
 PB112433BL

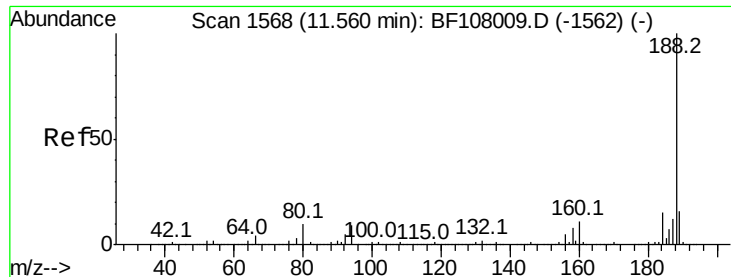
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 117.237 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108592.D
 Acq: 29 Aug 2018 8:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.8	19.6	29.4

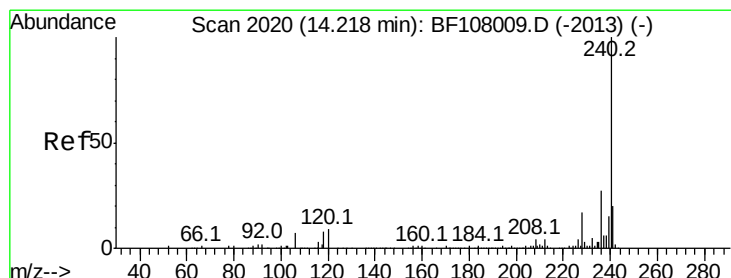
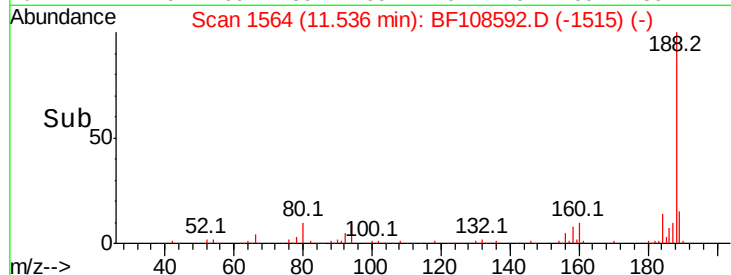
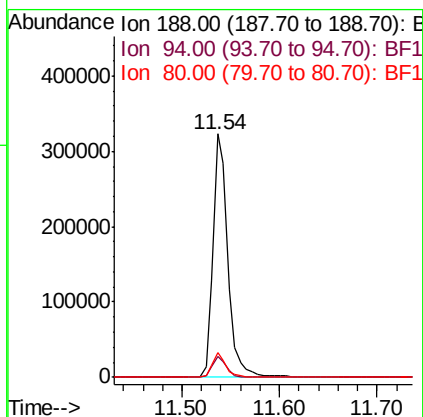
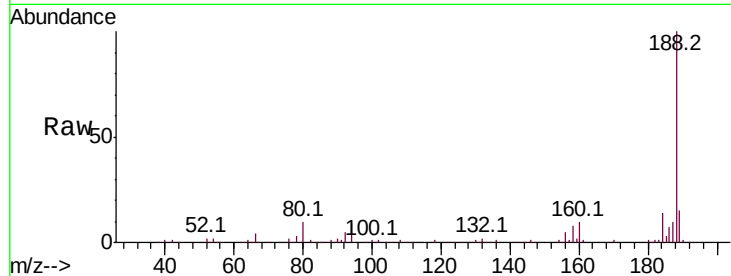




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

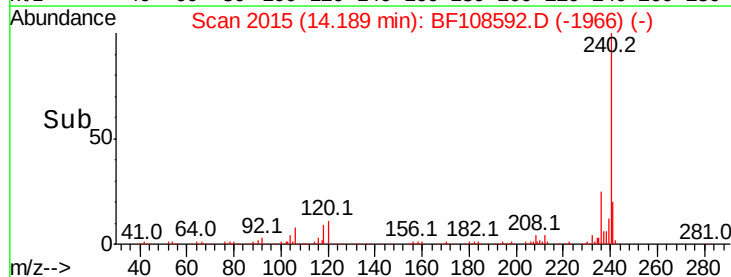
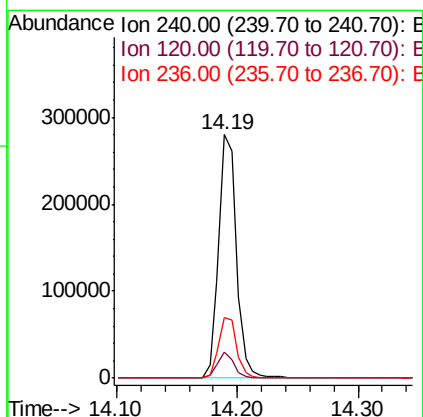
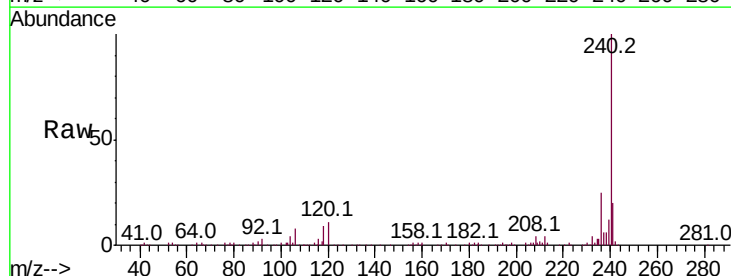
Instrument :
BNA_F
ClientSampleId :
PB112433BL

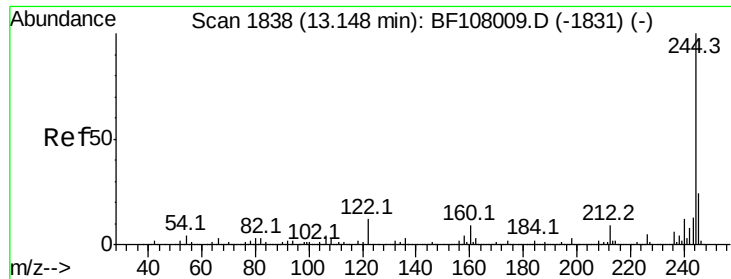
Tot Ion:188 Resp: 339351
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108592.D
Acq: 29 Aug 2018 8:19

Tgt Ion:240 Resp: 283764
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 100.680 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

Instrument :

BNA_F

ClientSampleId :

PB112433BL

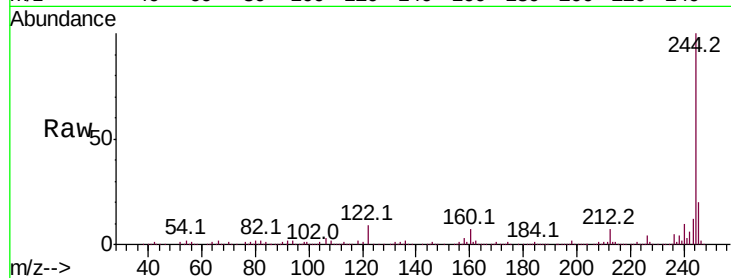
Tot Ion:244 Resp: 1123641

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

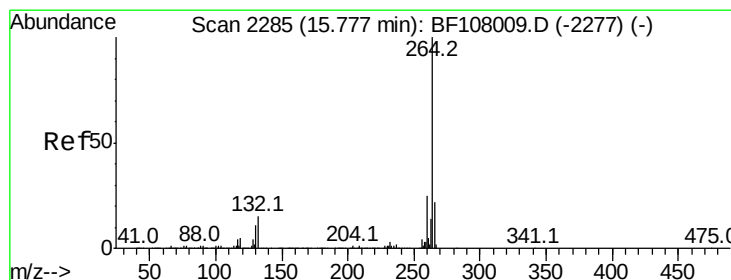
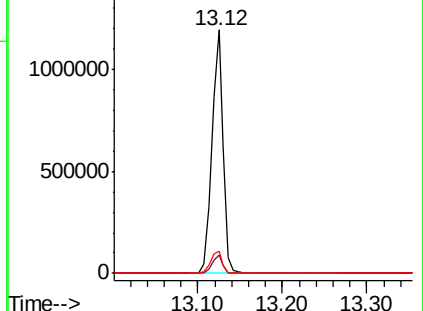
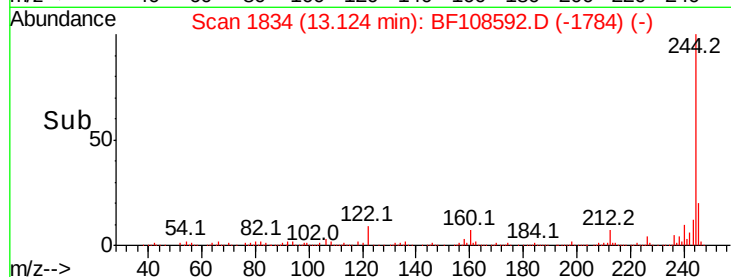
122 9.2 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108592.D

Acq: 29 Aug 2018 8:19

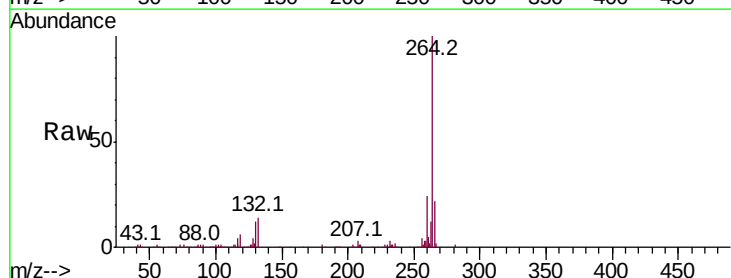
Tgt Ion:264 Resp: 230019

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 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

