

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108598.D
 Acq On : 29 Aug 2018 12:18
 Operator : JU/SJ
 Sample : PB112423BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112423BL

Quant Time: Aug 29 14:43:28 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	141702	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	551518	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	288096	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	602213	20.00	ng	0.00
75) Chrysene-d12	14.19	240	490427	20.00	ng	0.00
86) Perylene-d12	15.75	264	361089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	929991	118.82	ng	0.01
7) Phenol-d6	6.63	99	1308878	125.84	ng	0.00
23) Nitrobenzene-d5	7.57	82	881054	89.14	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	417930	145.43	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1699181	94.69	ng	-0.01
78) Terphenyl-d14	13.13	244	1931284	100.13	ng	0.00

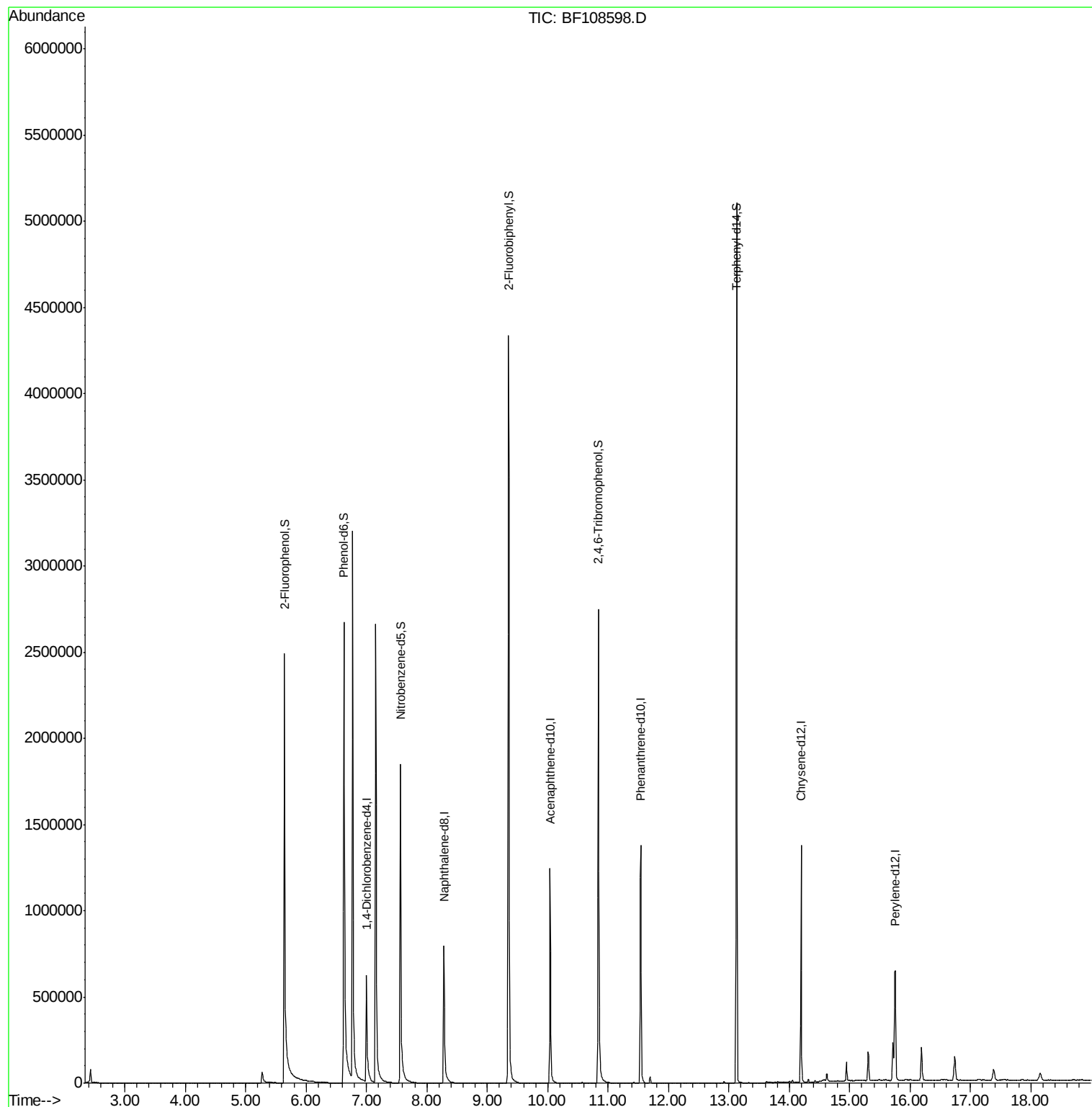
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108598.D
Acq On : 29 Aug 2018 12:18
Operator : JU/SJ
Sample : PB112423BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112423BL

Quant Time: Aug 29 14:43:28 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



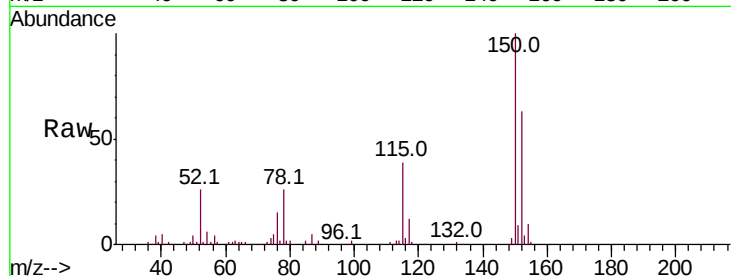


#1

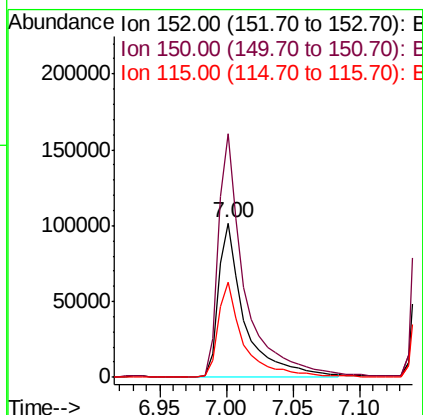
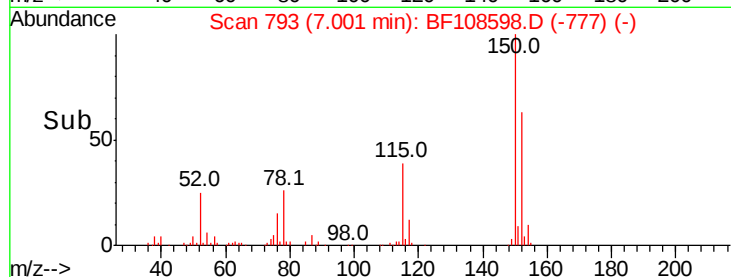
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Instrument :
BNA_F
ClientSampleId :
PB112423BL

Tot Ion:152 Resp: 141702
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 62.0 50.1 75.1



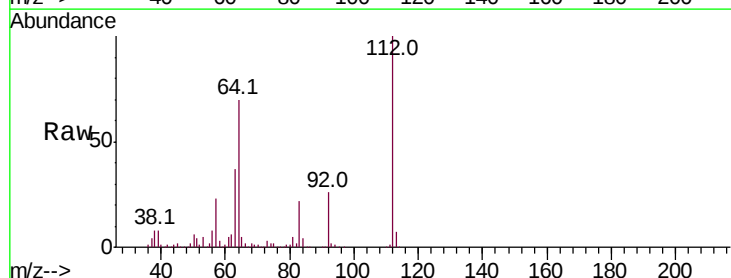
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



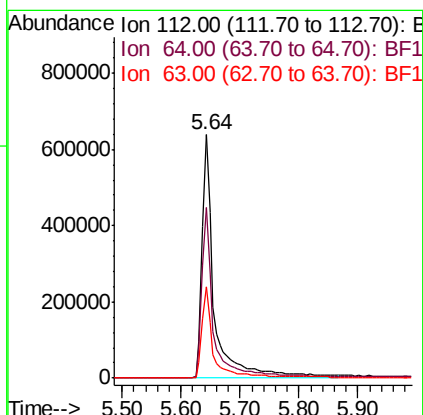
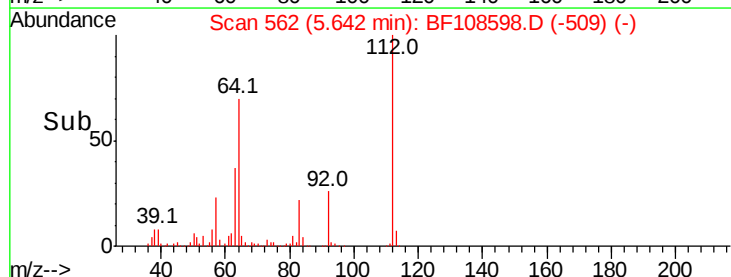
#5

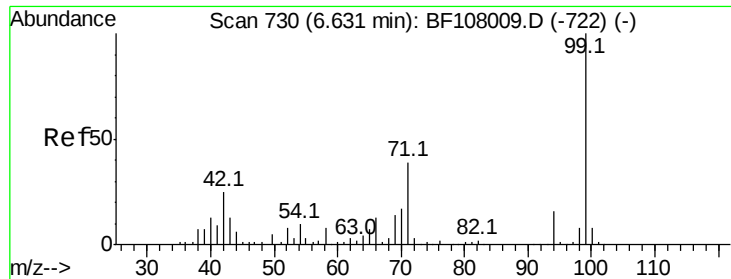
2-Fluorophenol
Concen: 118.820 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:112 Resp: 929991
Ion Ratio Lower Upper
112 100
64 70.0 47.9 71.9
63 37.4 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: 125.843 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108598.D

Acq: 29 Aug 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB112423BL

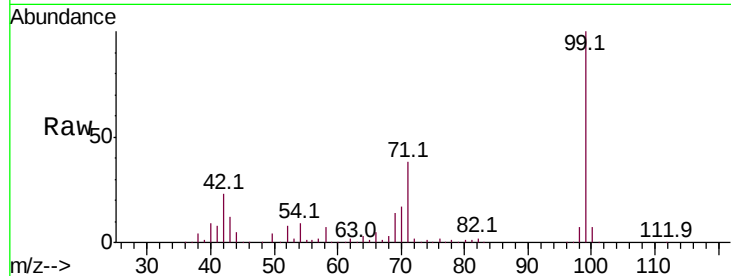
Tot Ion: 99 Resp: 1308878

Ion Ratio Lower Upper

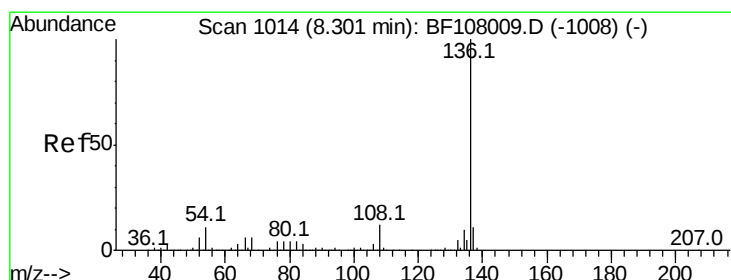
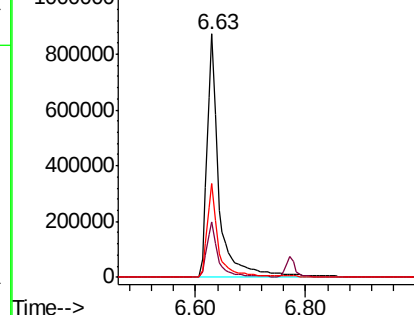
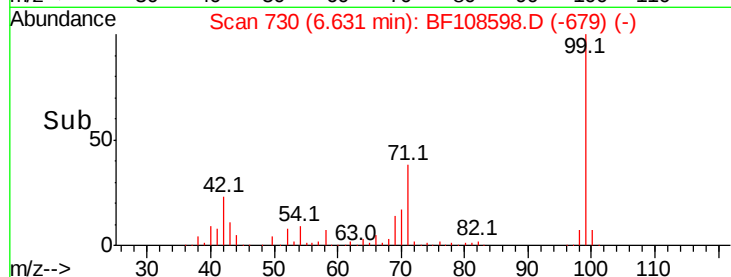
99 100

42 22.7 14.5 21.7#

71 38.4 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
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: BF108598.D

Acq: 29 Aug 2018 12:18

Tgt Ion:136 Resp: 551518

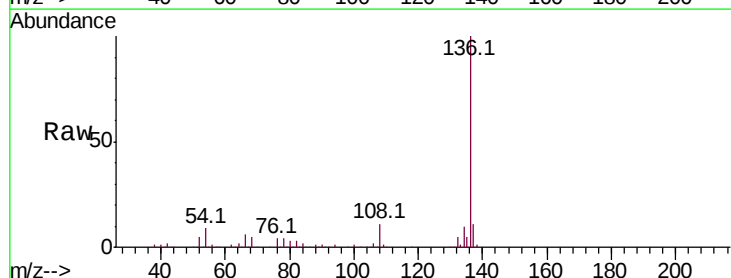
Ion Ratio Lower Upper

136 100

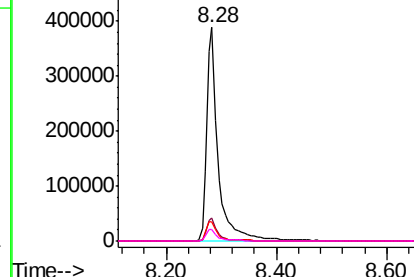
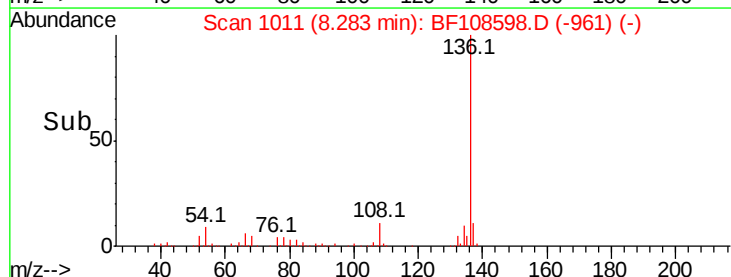
137 10.8 8.9 13.3

54 9.0 6.6 9.8

68 5.4 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1

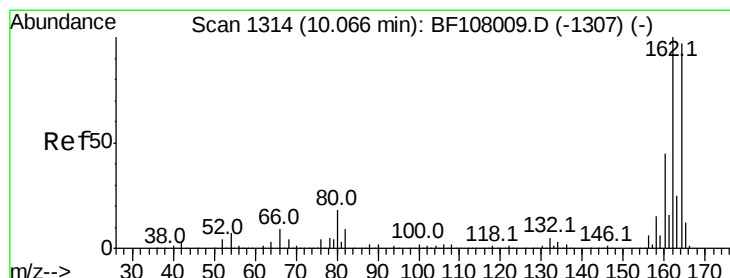
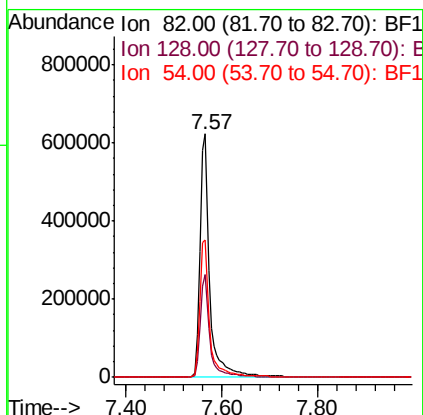
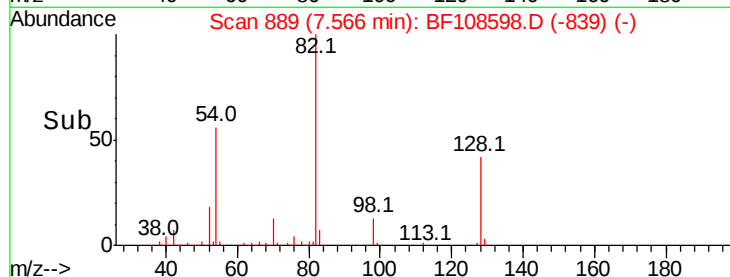
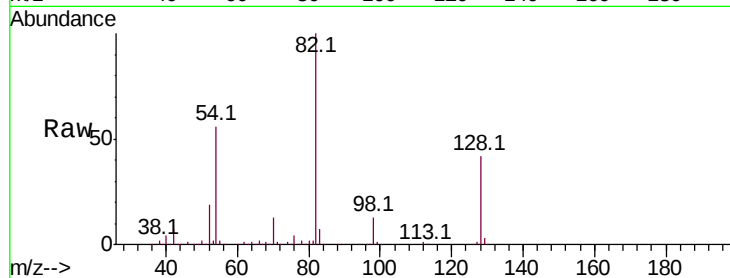




#23
Nitrobenzene-d5
Concen: 89.143 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

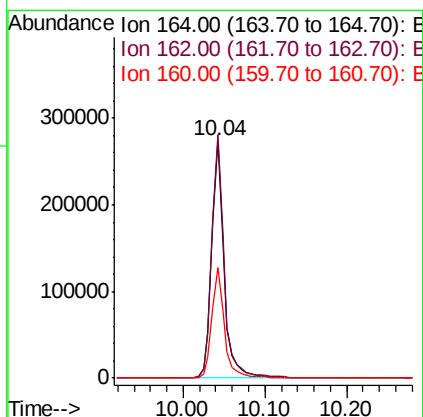
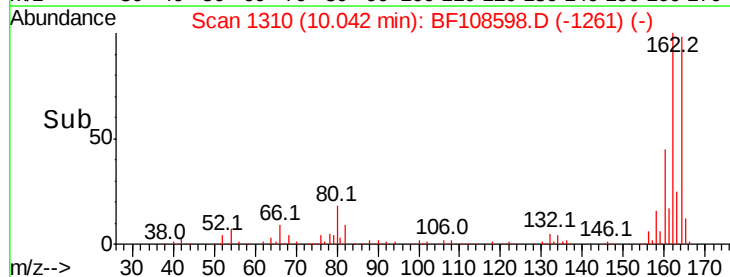
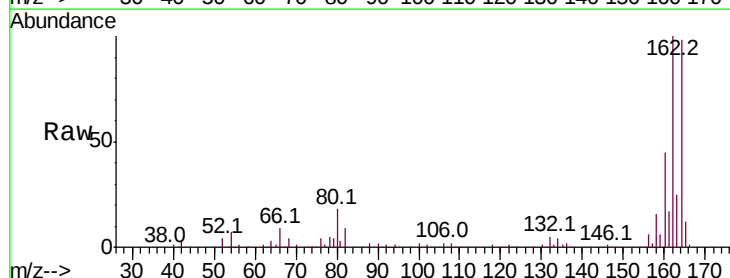
Instrument :
BNA_F
ClientSampleId :
PB112423BL

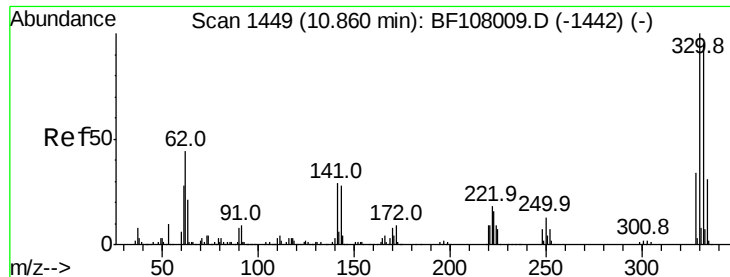
Tot Ion: 82 Resp: 881054
Ion Ratio Lower Upper
82 100
128 42.4 36.1 54.1
54 56.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108598.D
Acq: 29 Aug 2018 12:18

Tgt Ion:164 Resp: 288096
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.4 38.3 57.5

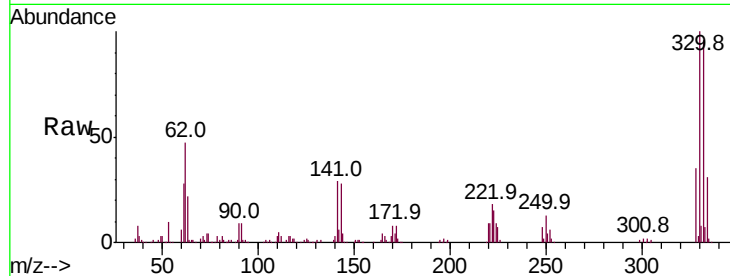




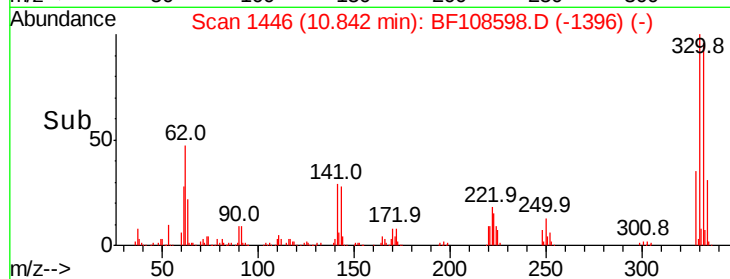
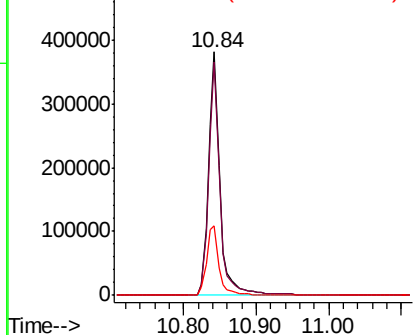
#41
 2,4,6-Tribromophenol
 Concen: 145.434 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108598.D
 Acq: 29 Aug 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112423BL

Tot Ion:330 Resp: 417930
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 31.7 29.9 44.9

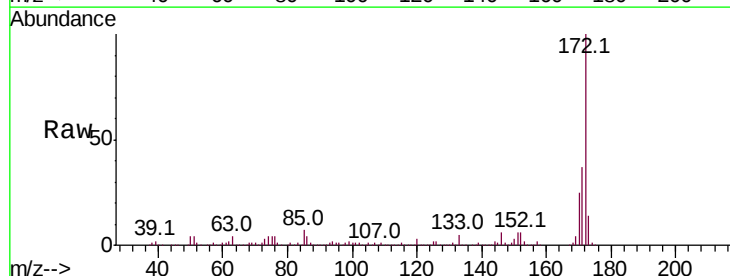


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

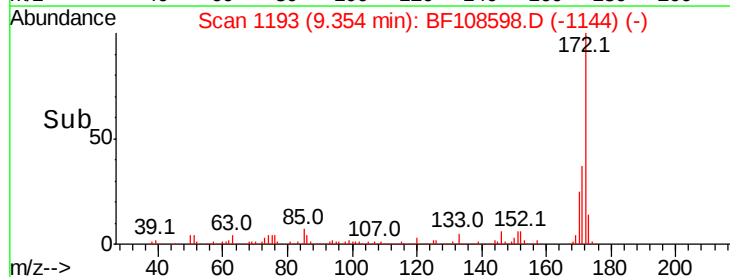
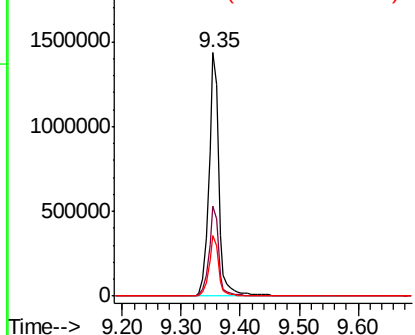


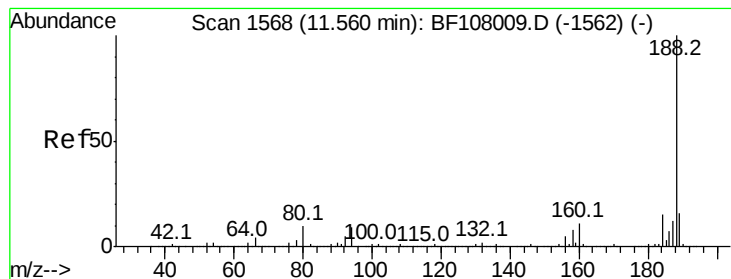
#44
 2-Fluorobiphenyl
 Concen: 94.690 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108598.D
 Acq: 29 Aug 2018 12:18

Tgt Ion:172 Resp: 1699181
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108598.D

Acq: 29 Aug 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB112423BL

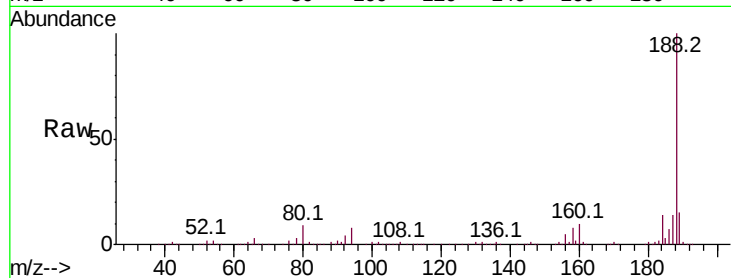
Tot Ion:188 Resp: 602213

Ion Ratio Lower Upper

188 100

94 7.6 8.5 12.7#

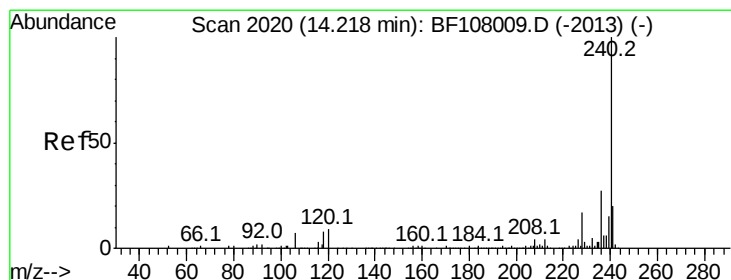
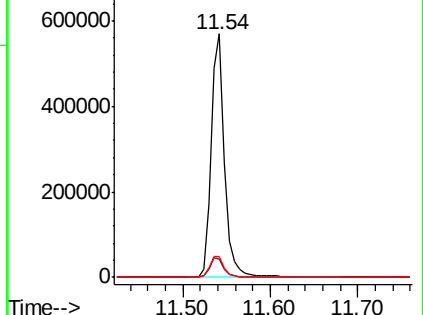
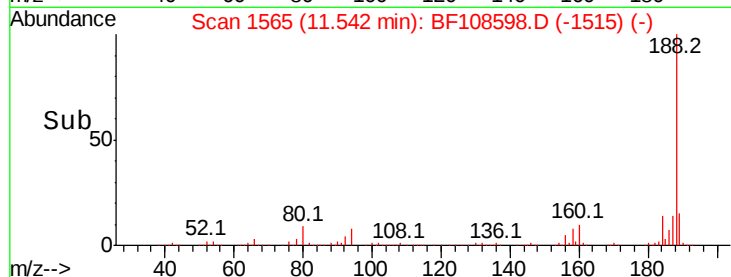
80 8.7 9.2 13.8#



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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108598.D

Acq: 29 Aug 2018 12:18

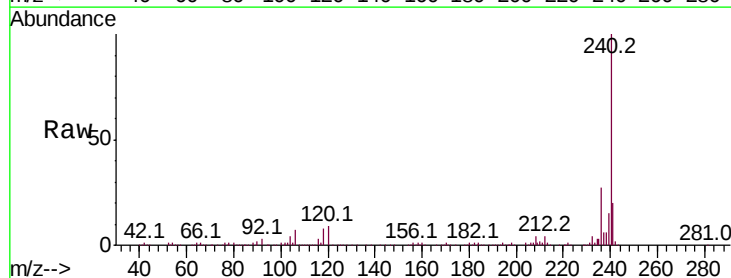
Tgt Ion:240 Resp: 490427

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

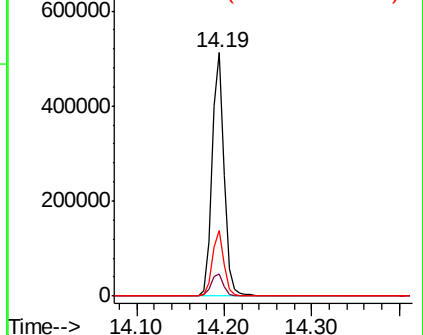
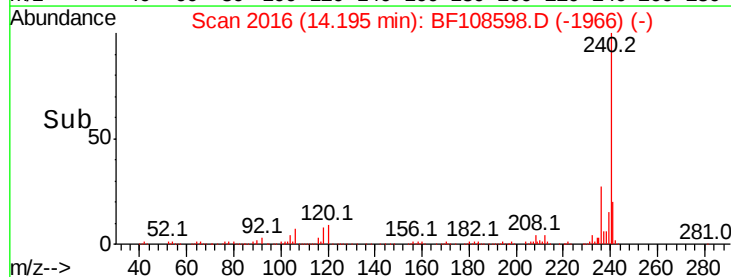
236 26.9 20.7 31.1

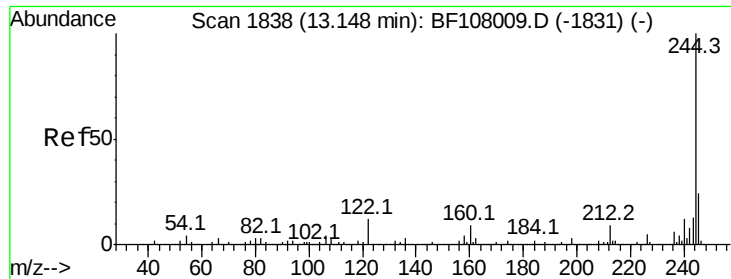


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.125 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108598.D

Acq: 29 Aug 2018 12:18

Instrument :

BNA_F

ClientSampleId :

PB112423BL

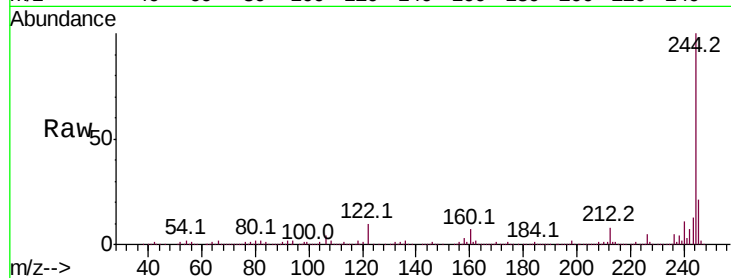
Tot Ion:244 Resp: 1931284

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

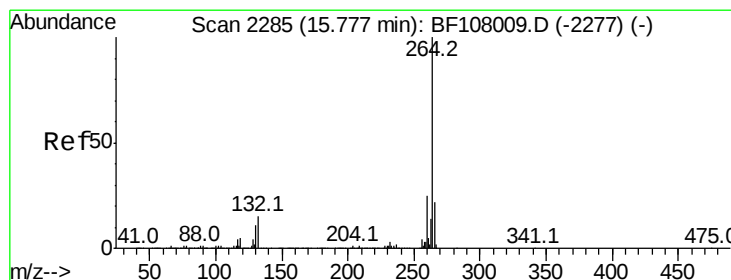
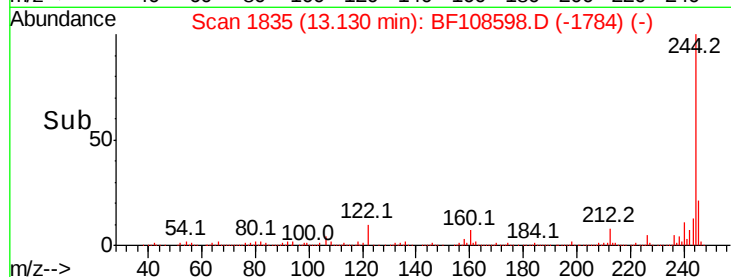
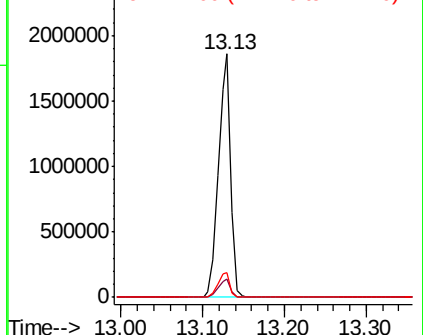
122 9.9 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF108598.D

Acq: 29 Aug 2018 12:18

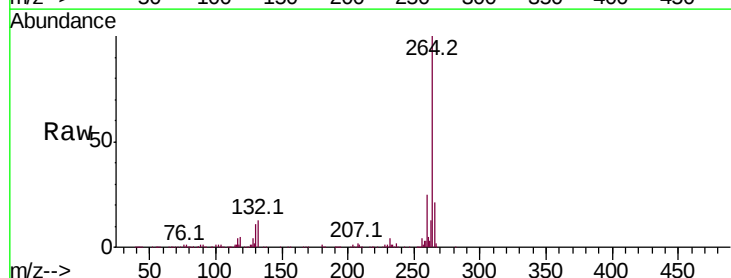
Tgt Ion:264 Resp: 361089

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.4 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

