

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108630.D
 Acq On : 30 Aug 2018 3:55
 Operator : JU/SJ
 Sample : PB112466BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BL

Quant Time: Aug 30 04:39:19 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	110165	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	424034	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	197293	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	333669	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	252586	20.00	ng	-0.01
86) Perylene-d12	15.75	264	235958	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	580736	95.44	ng	0.00
7) Phenol-d6	6.62	99	838260	103.67	ng	0.00
23) Nitrobenzene-d5	7.57	82	815381	107.30	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	186567	94.80	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1505494	122.51	ng	-0.01
78) Terphenyl-d14	13.12	244	1092676	109.99	ng	0.00

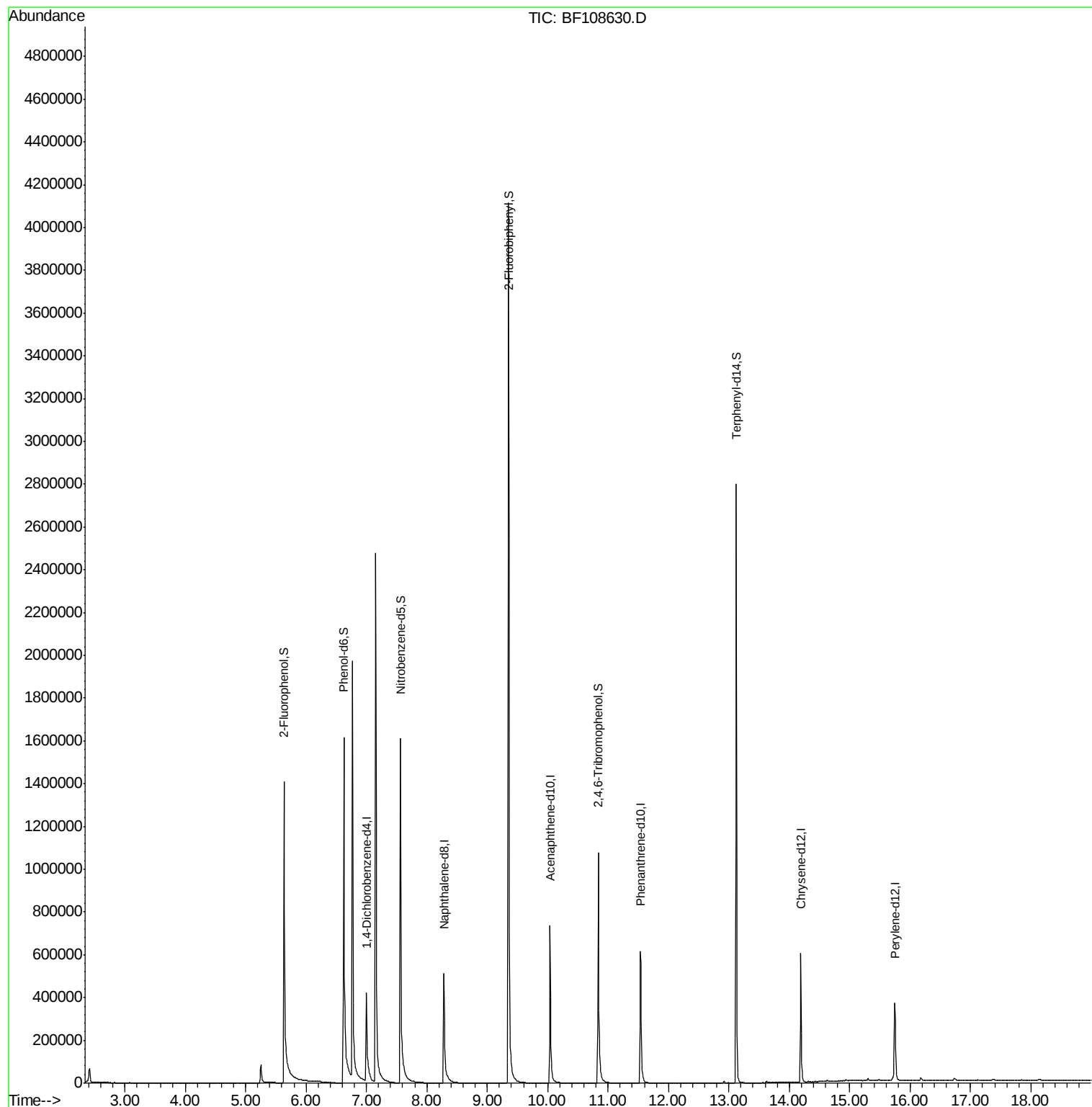
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108630.D
Acq On : 30 Aug 2018 3:55
Operator : JU/SJ
Sample : PB112466BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112466BL

Quant Time: Aug 30 04:39:19 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



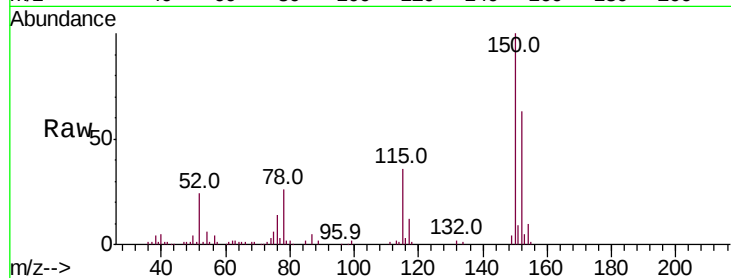


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108630.D
Acq: 30 Aug 2018 3:55

Instrument :
BNA_F
ClientSampleId :
PB112466BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	57.5	50.1	75.1

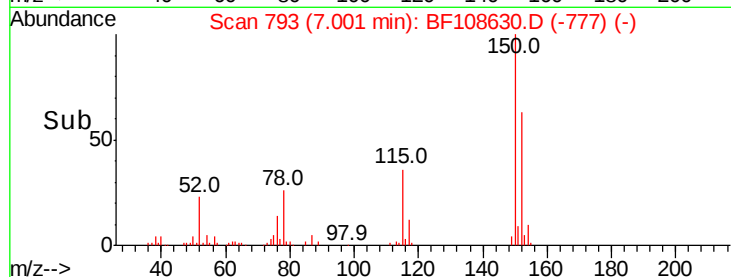
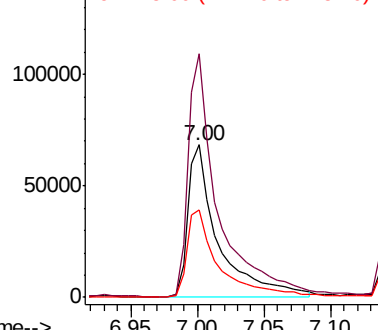


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

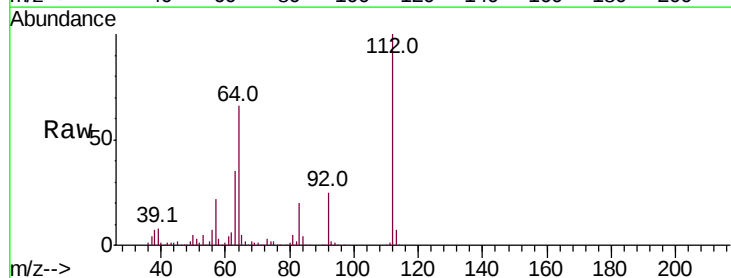
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.438 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108630.D
Acq: 30 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.6	23.7	35.5

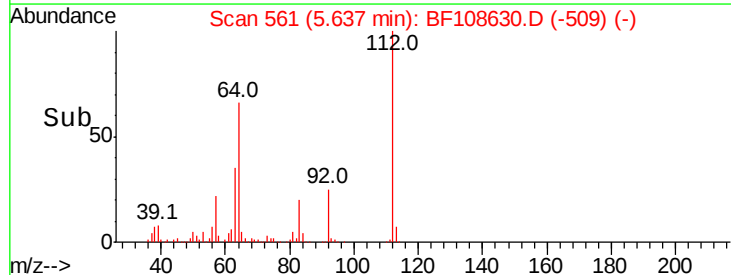
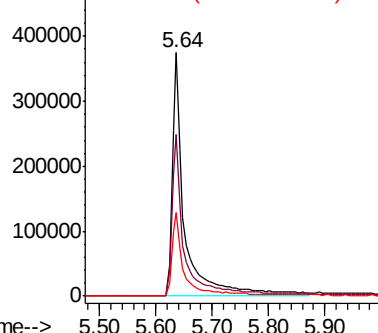


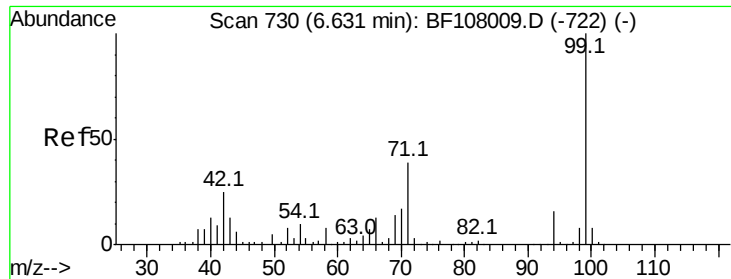
Abundance

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: 103.667 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

Instrument :

BNA_F

ClientSampleId :

PB112466BL

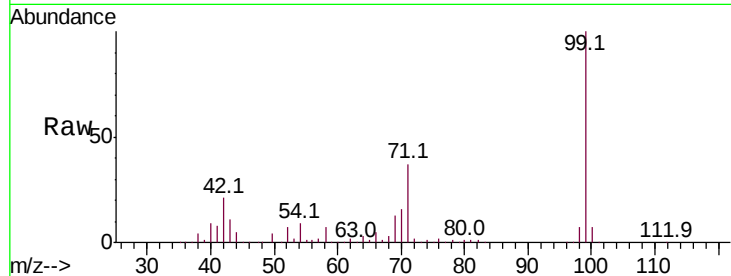
Tot Ion: 99 Resp: 838260

Ion Ratio Lower Upper

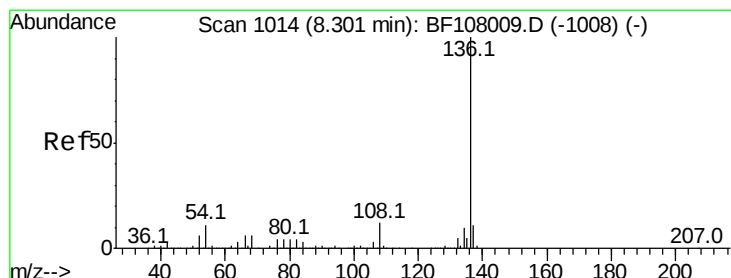
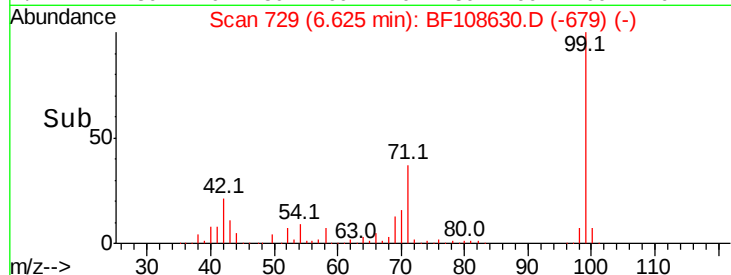
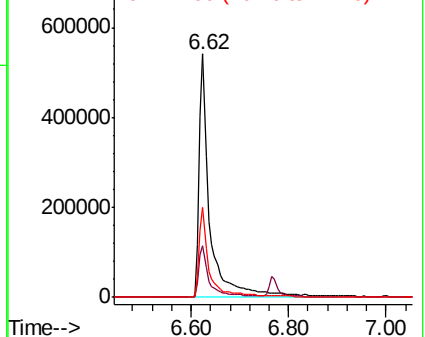
99 100

42 21.3 14.5 21.7

71 36.8 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: BF108630.D

Acq: 30 Aug 2018 3:55

Tgt Ion:136 Resp: 424034

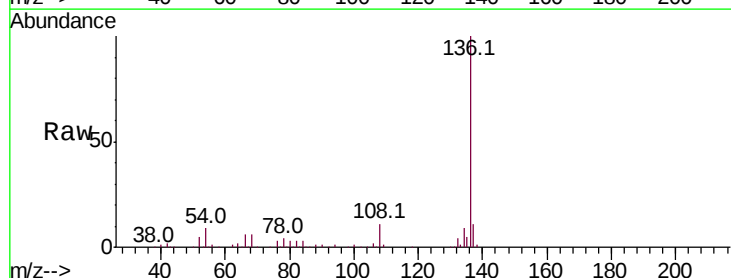
Ion Ratio Lower Upper

136 100

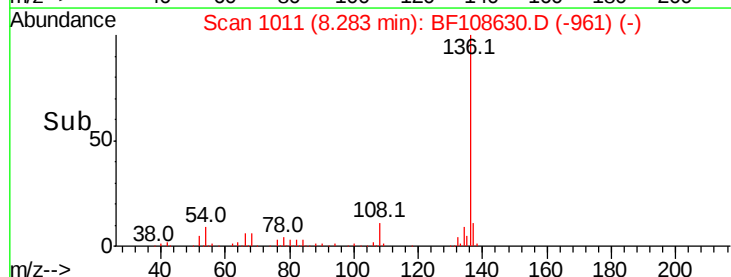
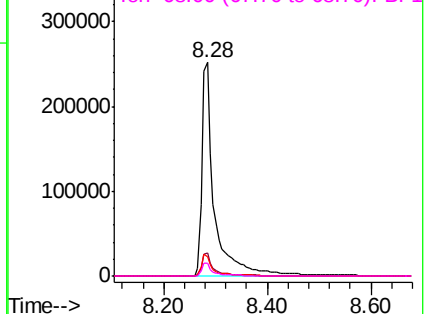
137 10.9 8.9 13.3

54 9.0 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: 107.301 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

Instrument :

BNA_F

ClientSampleId :

PB112466BL

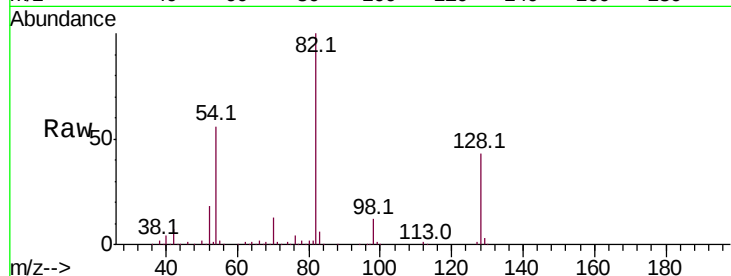
Tot Ion: 82 Resp: 815381

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

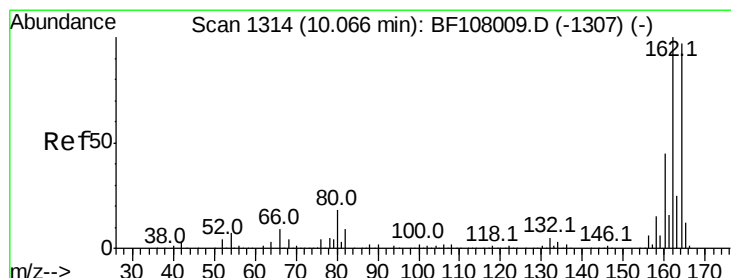
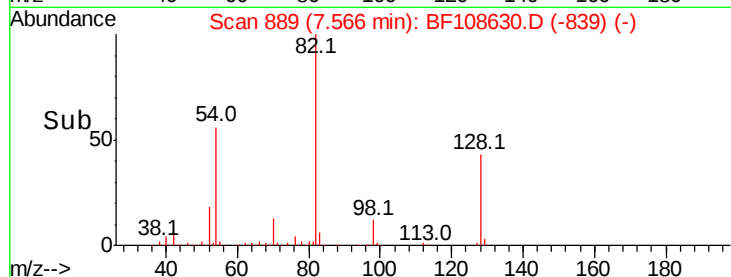
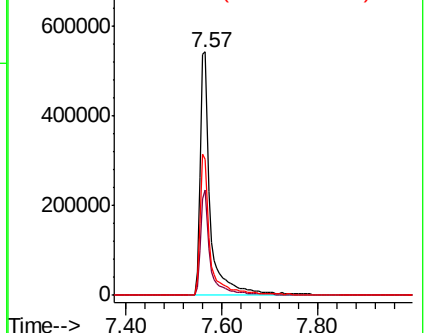
54 55.8 41.4 62.2



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: BF108630.D

Acq: 30 Aug 2018 3:55

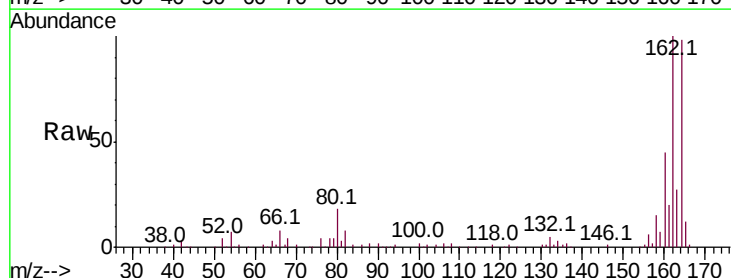
Tgt Ion:164 Resp: 197293

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

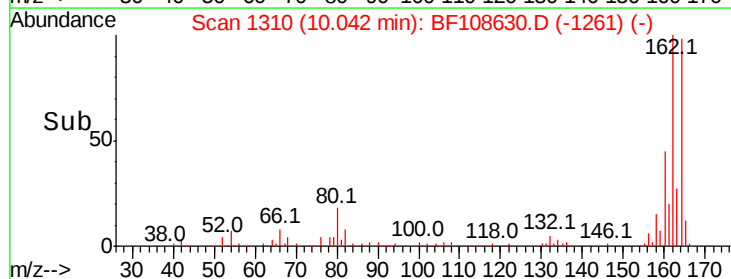
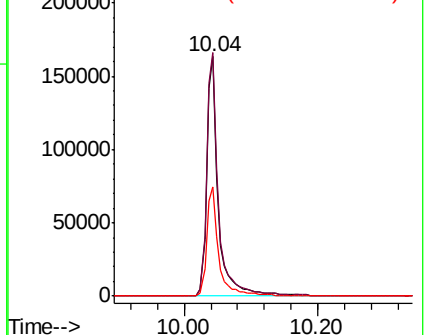
160 45.8 38.3 57.5



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

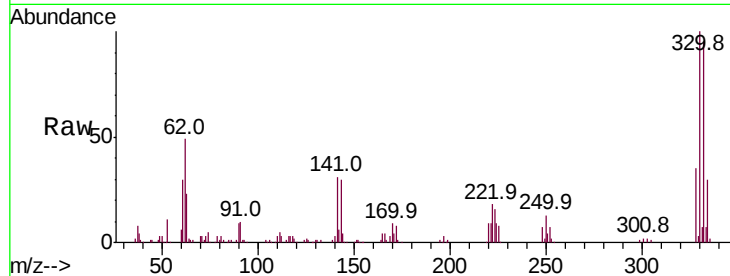




#41
 2,4,6-Tribromophenol
 Concen: 94.803 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Instrument :
 BNA_F
 ClientSampleId :
 PB112466BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	31.9	29.9	44.9

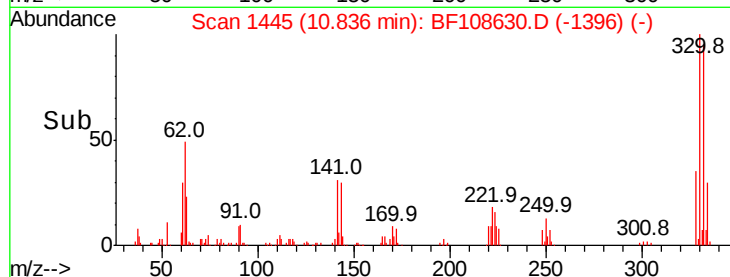
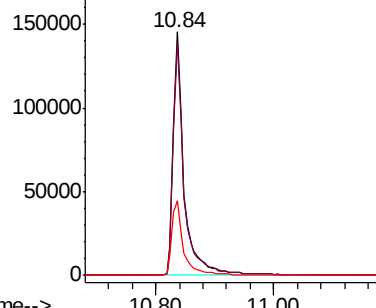


Abundance

Ion 329.80 (329.50 to 330.50): E

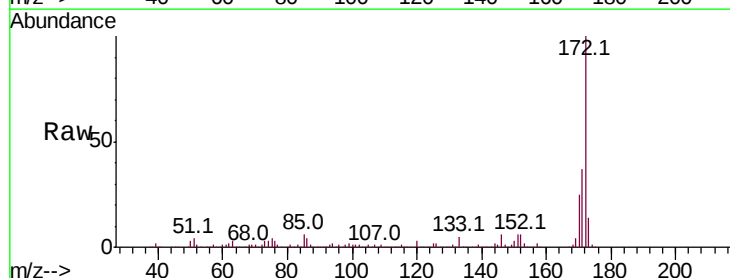
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 122.509 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.6	19.6	29.4

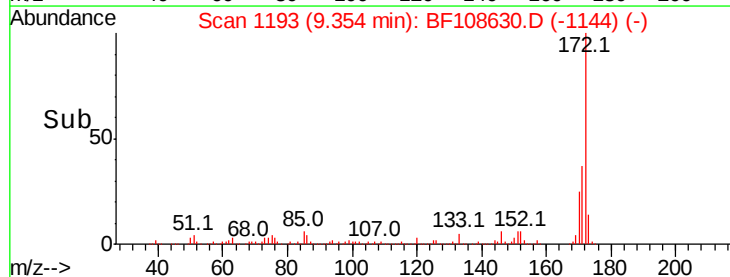
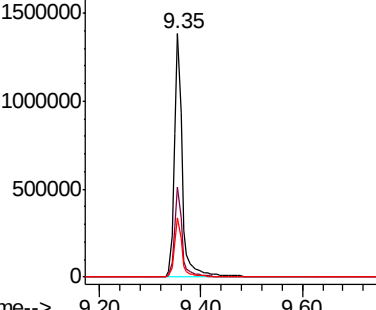


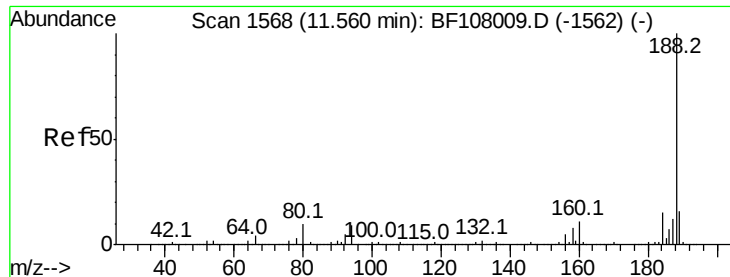
Abundance

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

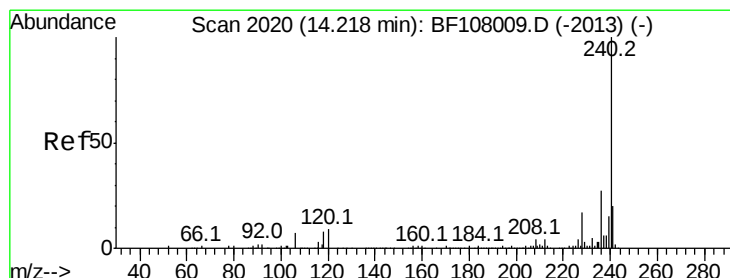
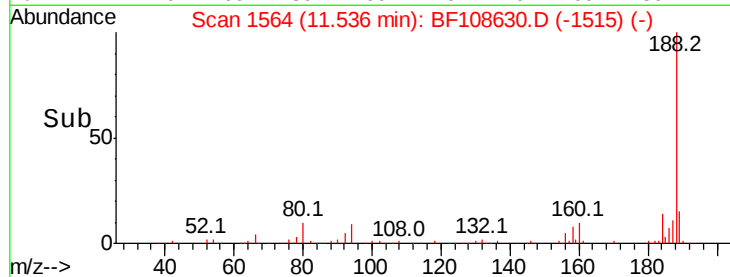
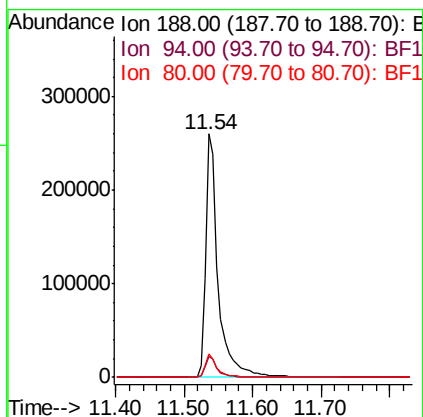
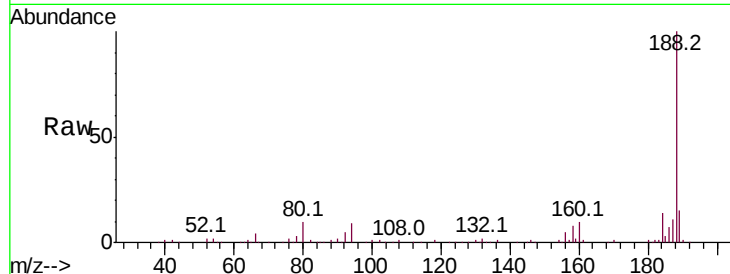




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

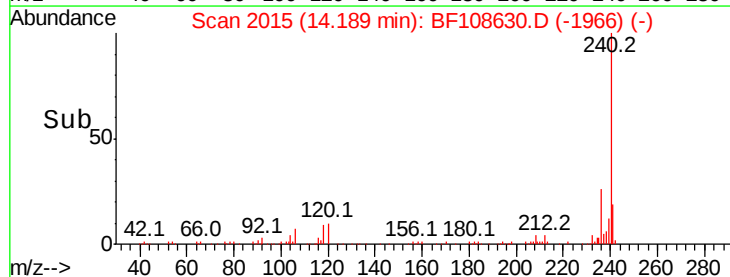
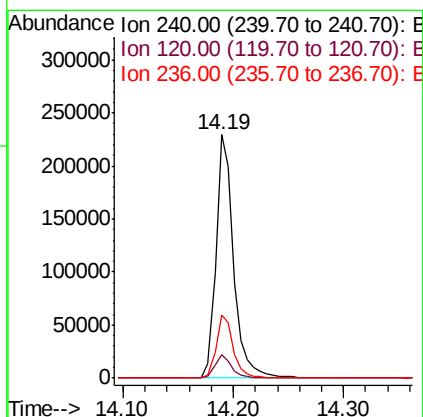
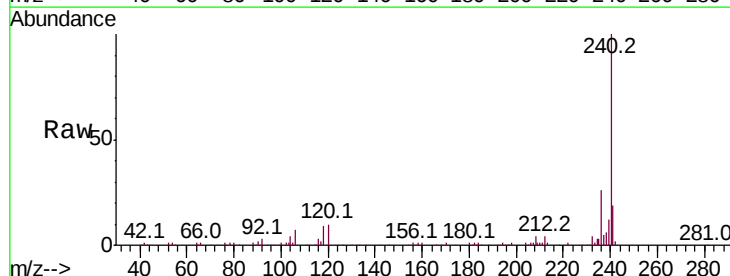
Instrument :
 BNA_F
 ClientSampleId :
 PB112466BL

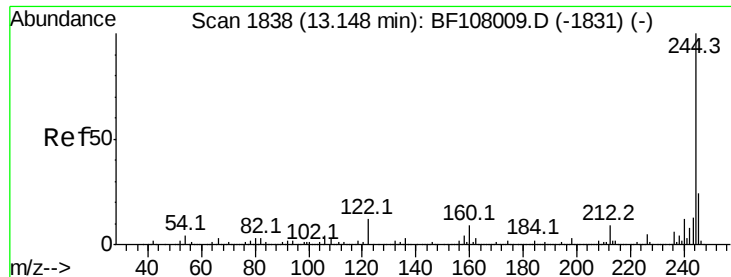
Tot Ion:188 Resp: 333669
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.7 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108630.D
 Acq: 30 Aug 2018 3:55

Tgt Ion:240 Resp: 252586
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 109.990 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108630.D

Acq: 30 Aug 2018 3:55

Instrument :

BNA_F

ClientSampleId :

PB112466BL

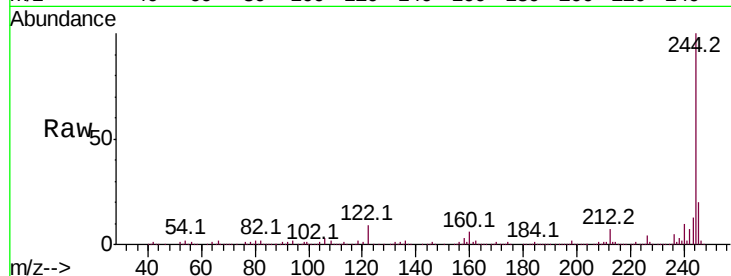
Tot Ion:244 Resp: 1092676

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

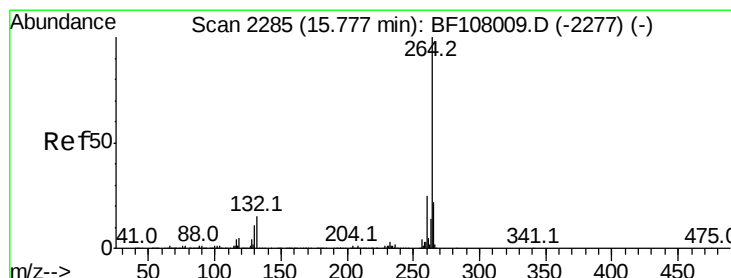
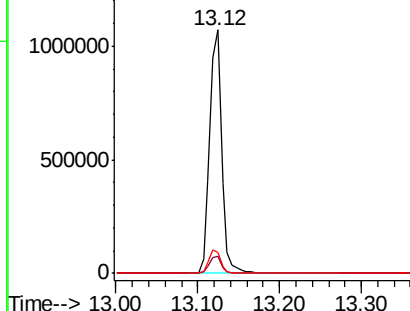
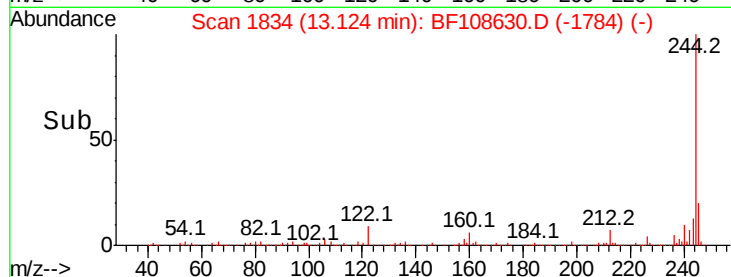
122 8.8 11.0 16.4#



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: BF108630.D

Acq: 30 Aug 2018 3:55

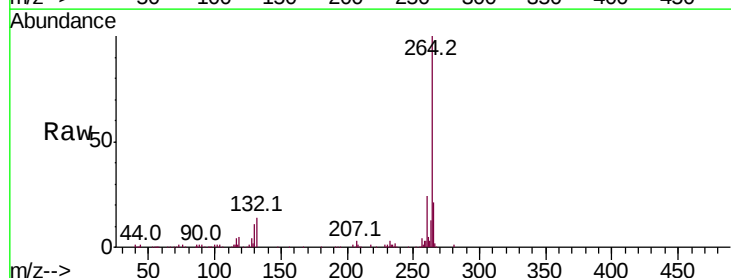
Tgt Ion:264 Resp: 235958

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.6 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

