

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109178.D
 Acq On : 20 Sep 2018 6:53
 Operator : JU/SJ
 Sample : PB112999BL
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BL

Quant Time: Sep 20 08:44:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138137	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	490499	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	208294	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	355098	20.00	ng	0.00
75) Chrysene-d12	13.85	240	345416	20.00	ng	-0.01
86) Perylene-d12	15.25	264	282485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	652424	78.44	ng	0.01
7) Phenol-d6	6.35	99	808972	75.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	724855	82.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	136060	60.19	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1275604	95.95	ng	0.00
78) Terphenyl-d14	12.81	244	1157453	79.43	ng	0.00

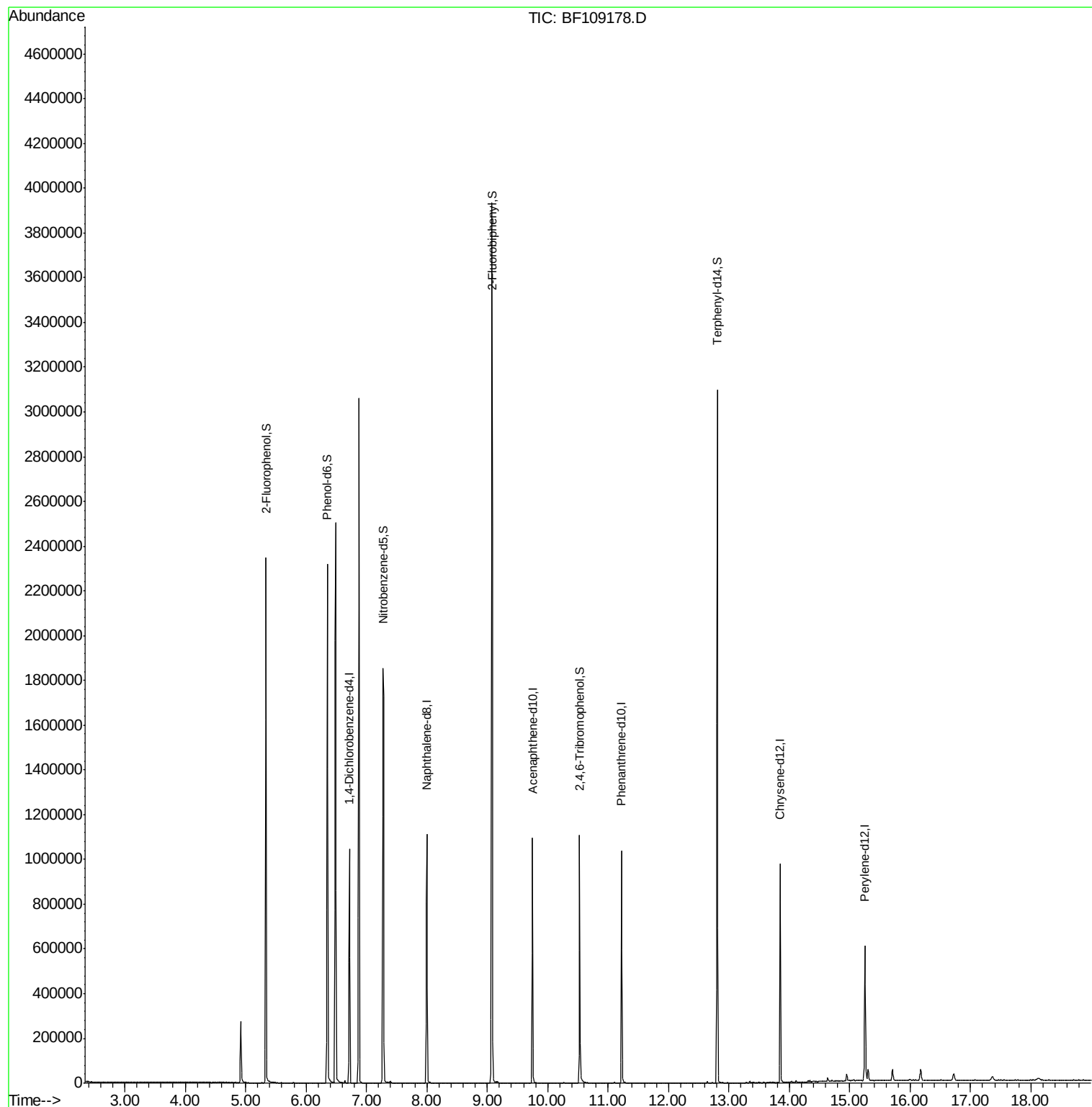
Target Compounds Qvalue

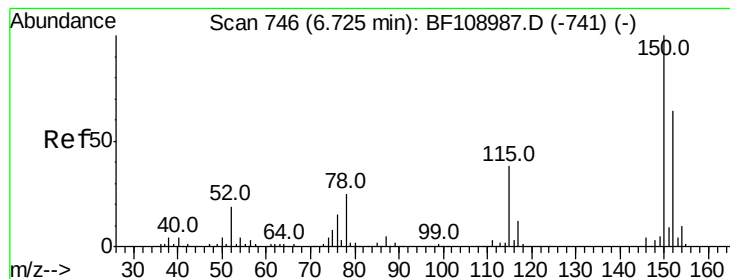
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 13:26:52 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

Instrument :

BNA_F

ClientSampleId :

PB112999BL

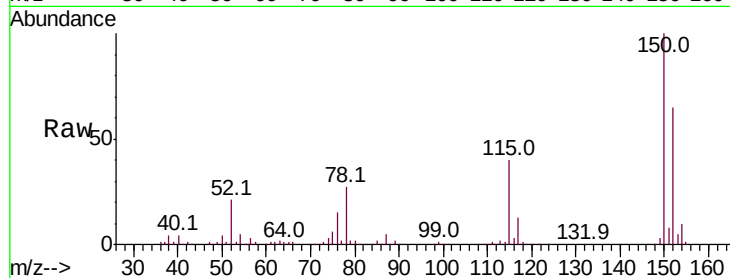
Tot Ion:152 Resp: 138137

Ion Ratio Lower Upper

152 100

150 153.8 124.6 186.8

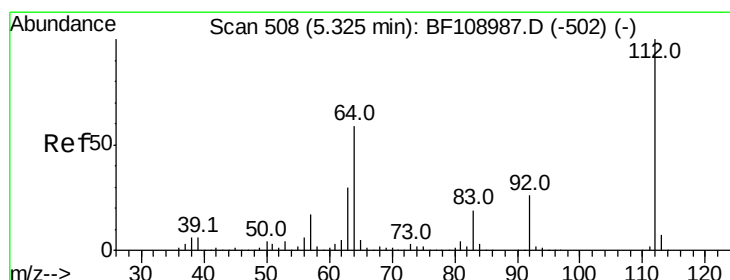
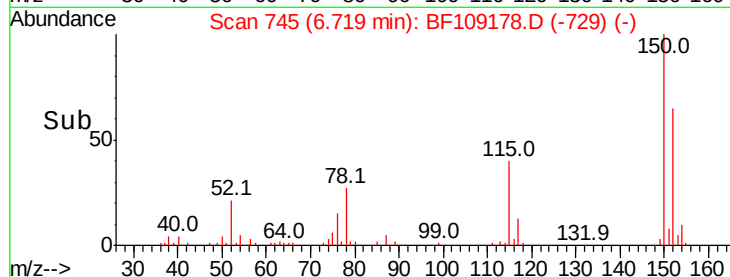
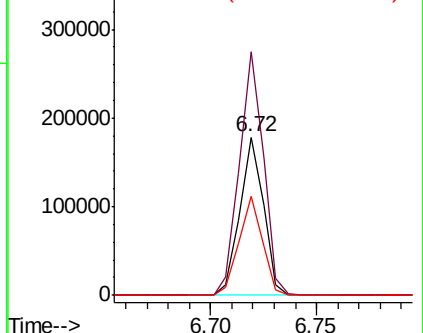
115 62.2 50.1 75.1



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: 78.444 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

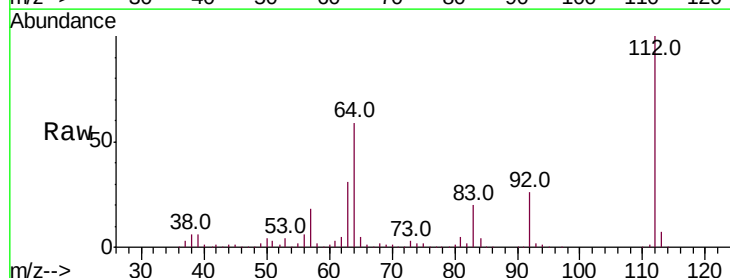
Tgt Ion:112 Resp: 652424

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

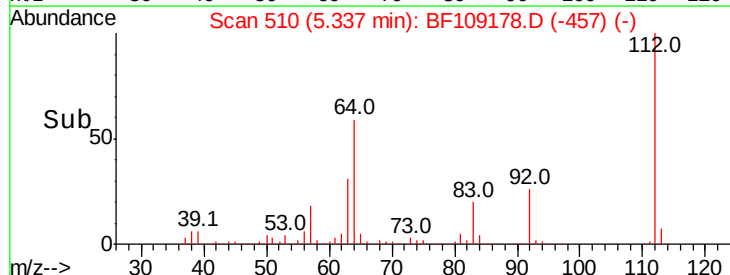
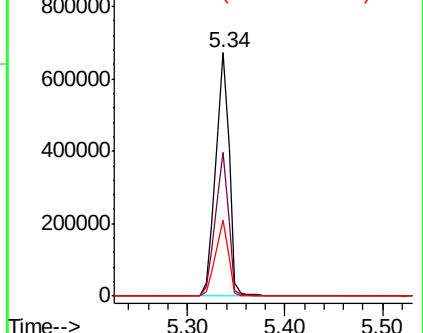
63 31.2 23.7 35.5

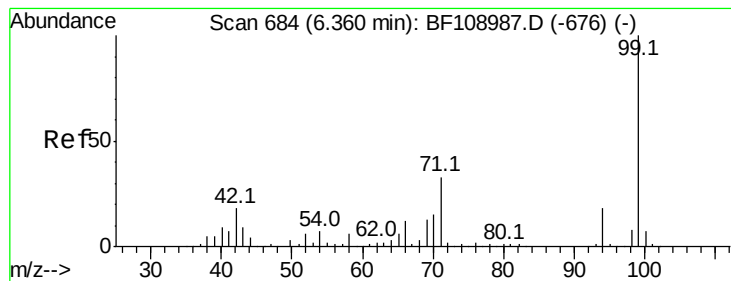


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 75.432 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

Instrument :

BNA_F

ClientSampleId :

PB112999BL

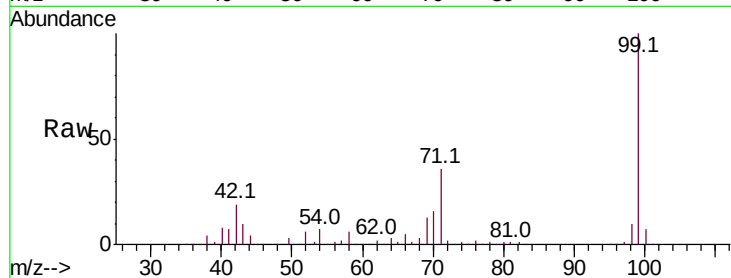
Tot Ion: 99 Resp: 808972

Ion Ratio Lower Upper

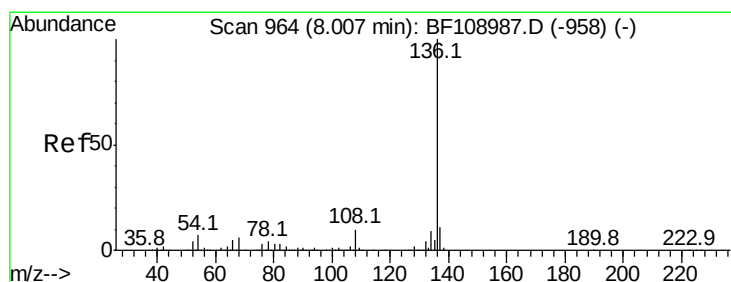
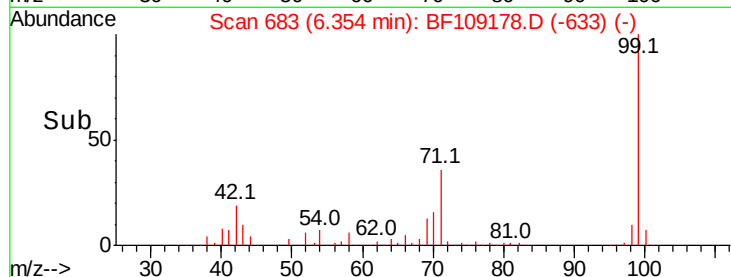
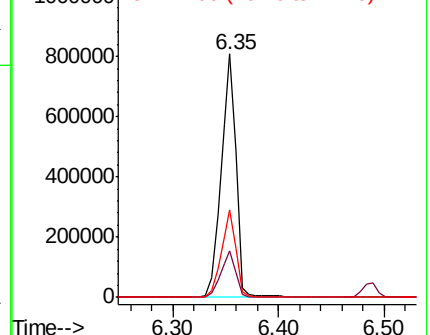
99 100

42 19.1 14.5 21.7

71 36.0 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

Tgt Ion: 136 Resp: 490499

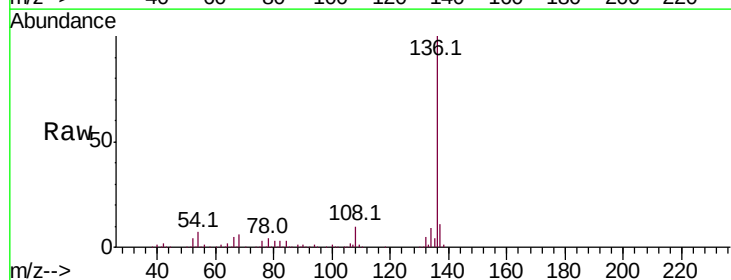
Ion Ratio Lower Upper

136 100

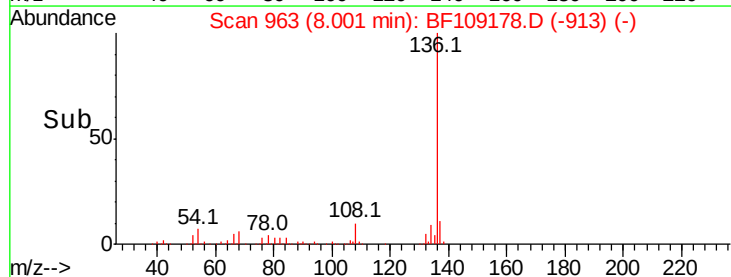
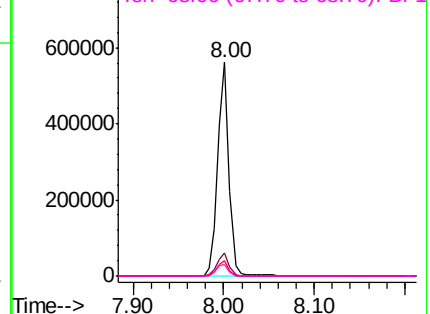
137 10.9 8.9 13.3

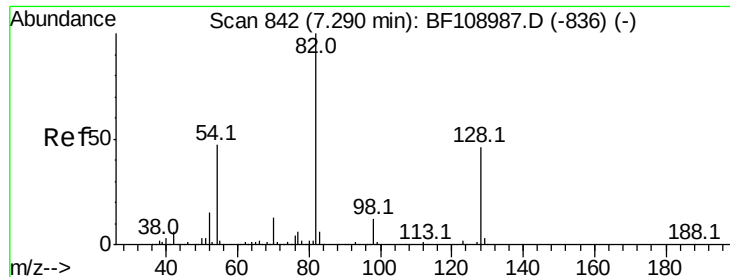
54 6.9 6.6 9.8

68 5.6 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: 82.887 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

Instrument :

BNA_F

ClientSampleId :

PB112999BL

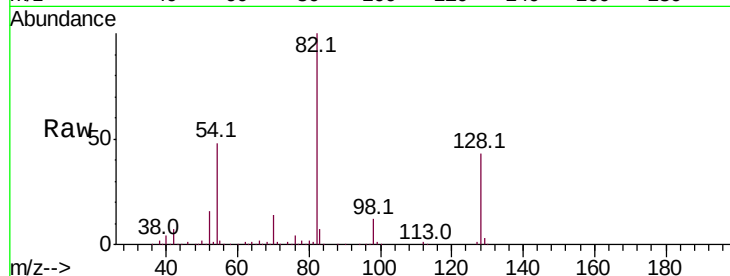
Tot Ion: 82 Resp: 724855

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

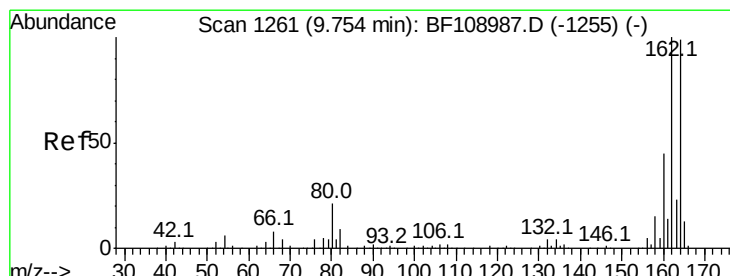
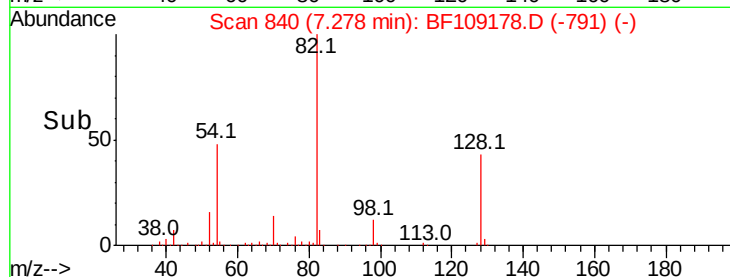
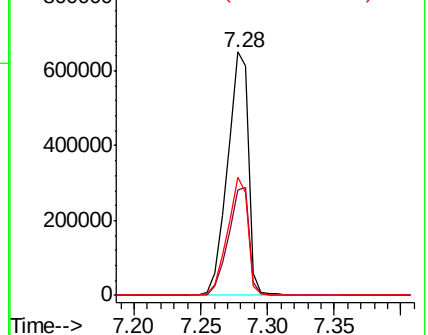
54 48.4 41.4 62.2



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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

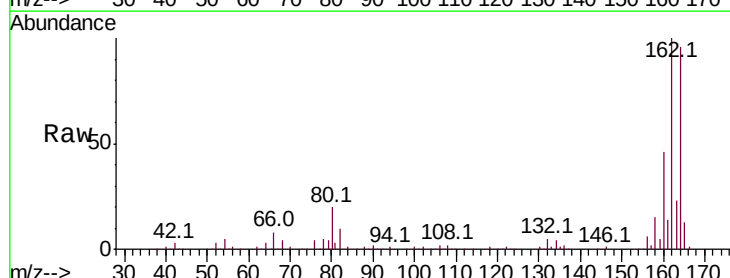
Tgt Ion: 164 Resp: 208294

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

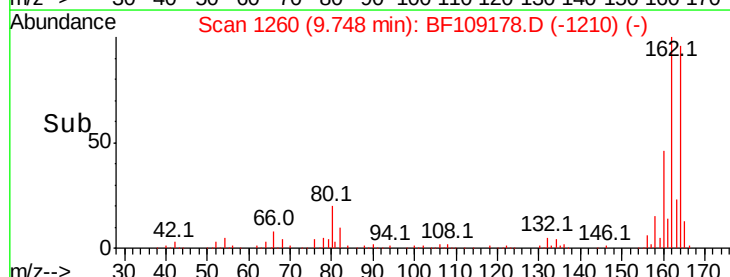
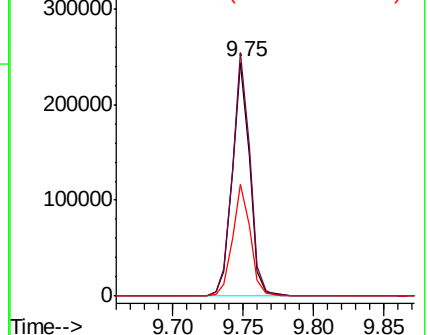
160 47.7 38.3 57.5

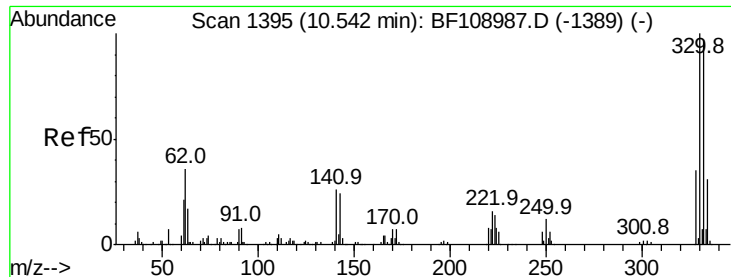


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

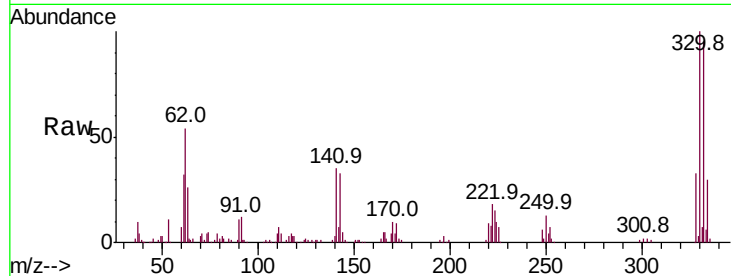




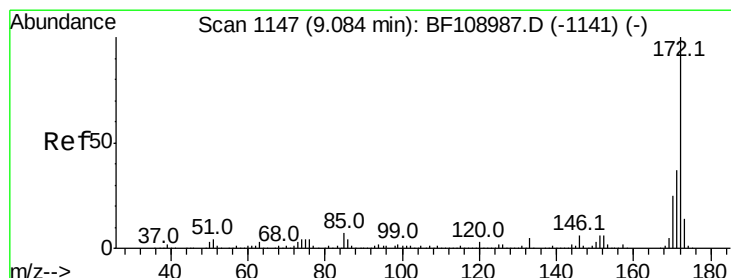
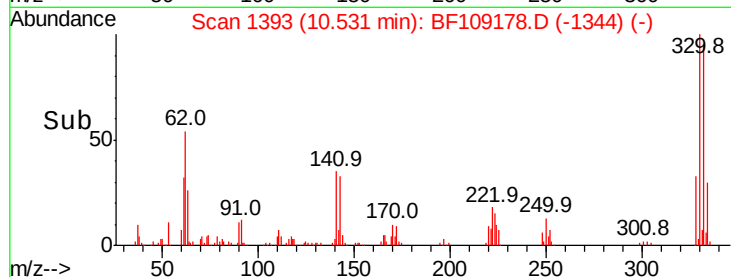
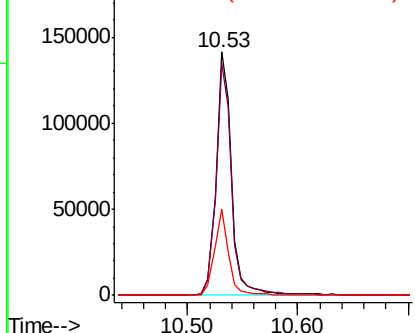
#41
 2,4,6-Tribromophenol
 Concen: 60.189 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109178.D
 Acq: 20 Sep 2018 6:53

Instrument :
 BNA_F
 ClientSampleId :
 PB112999BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.4	29.9	44.9

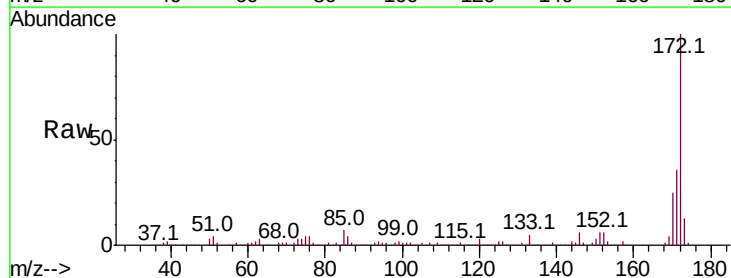


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

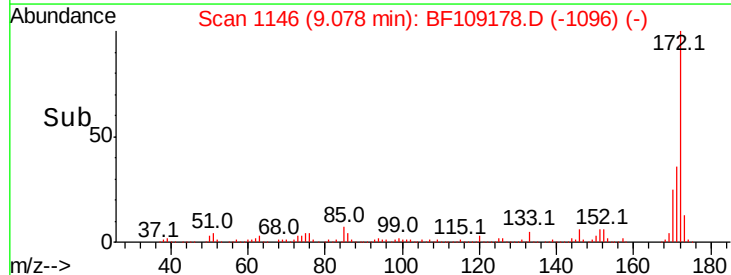
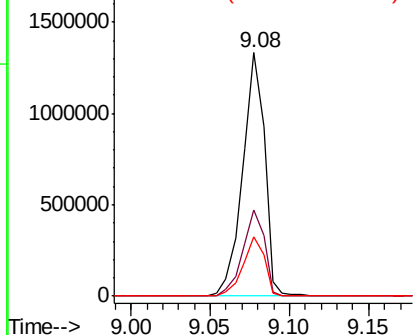


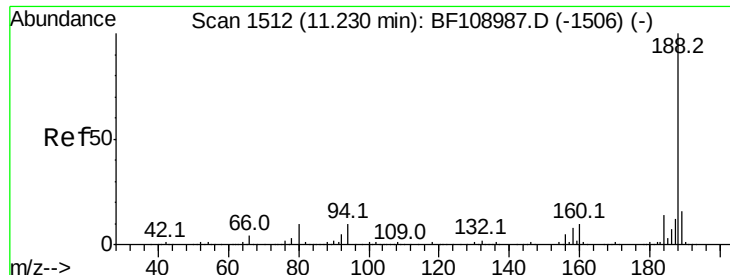
#44
 2-Fluorobiphenyl
 Concen: 95.947 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109178.D
 Acq: 20 Sep 2018 6:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

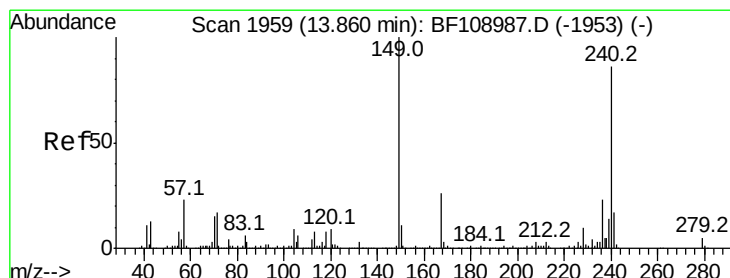
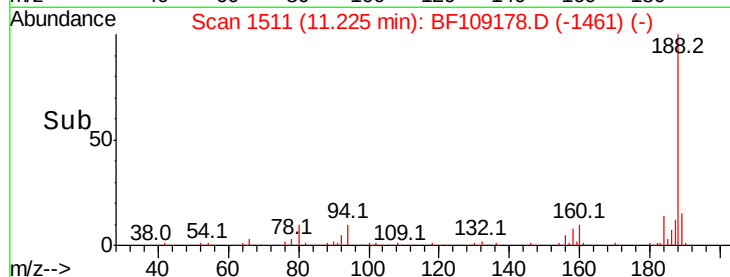
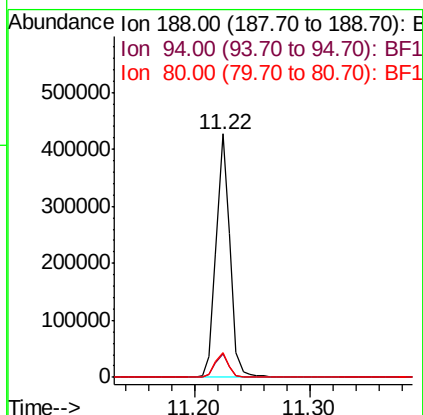
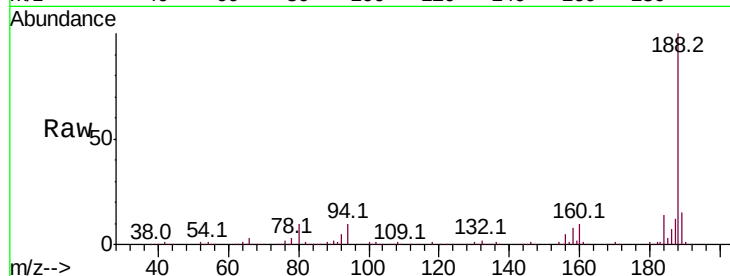




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109178.D
 Acq: 20 Sep 2018 6:53

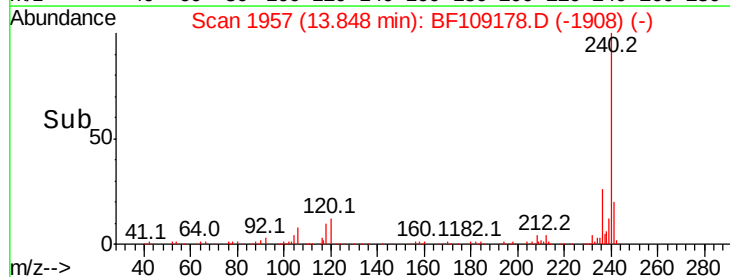
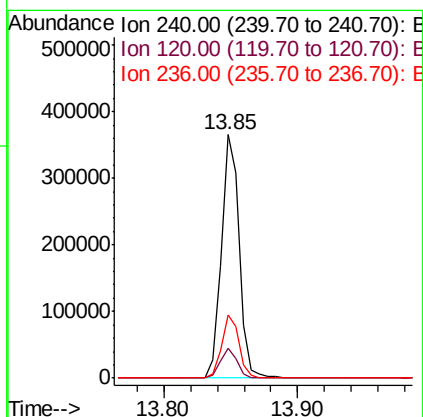
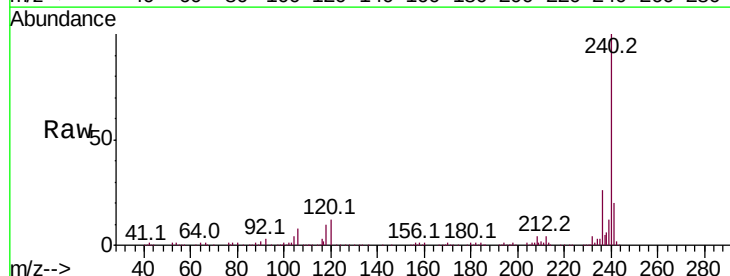
Instrument :
 BNA_F
 ClientSampled :
 PB112999BL

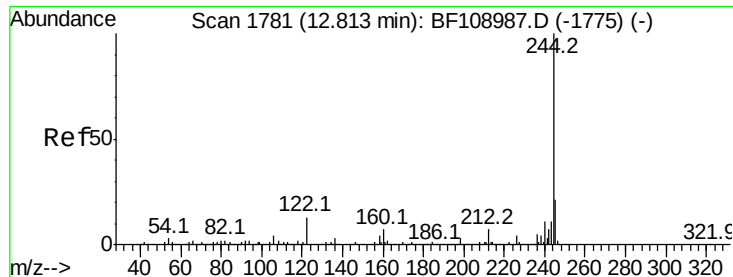
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.1	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109178.D
 Acq: 20 Sep 2018 6:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.8	20.7	31.1





#78

Terphenyl-d14

Concen: 79.425 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

Instrument :

BNA_F

ClientSampleId :

PB112999BL

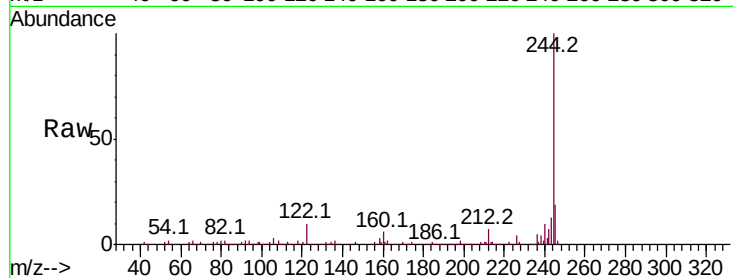
Tot Ion:244 Resp: 1157453

Ion Ratio Lower Upper

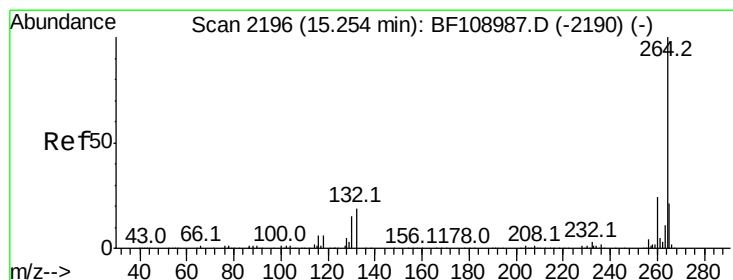
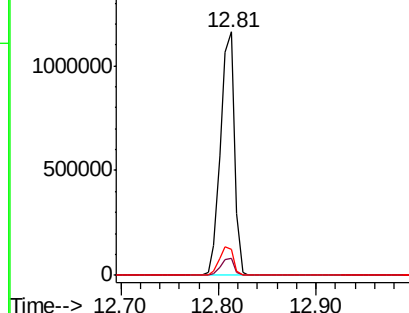
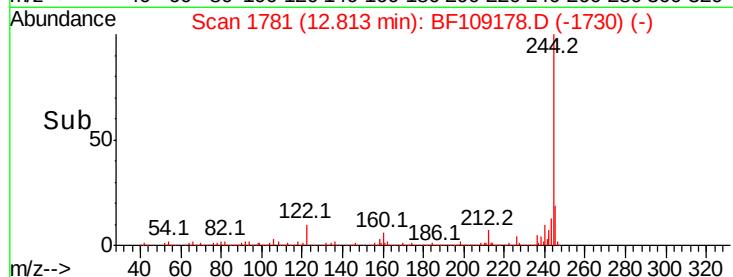
244 100

212 7.0 5.4 8.0

122 10.5 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: 15.25 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF109178.D

Acq: 20 Sep 2018 6:53

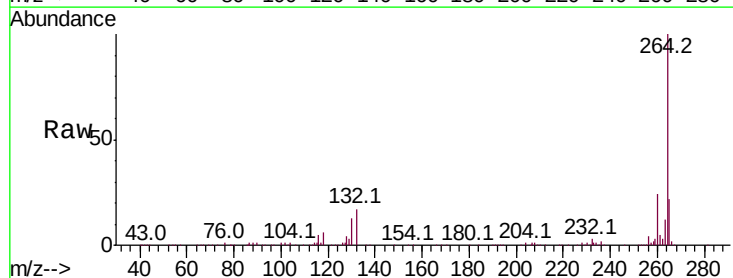
Tgt Ion:264 Resp: 282485

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 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

