

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109309.D
 Acq On : 26 Sep 2018 2:06
 Operator : JU/SJ
 Sample : J5055-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIERS

Quant Time: Sep 26 10:55:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

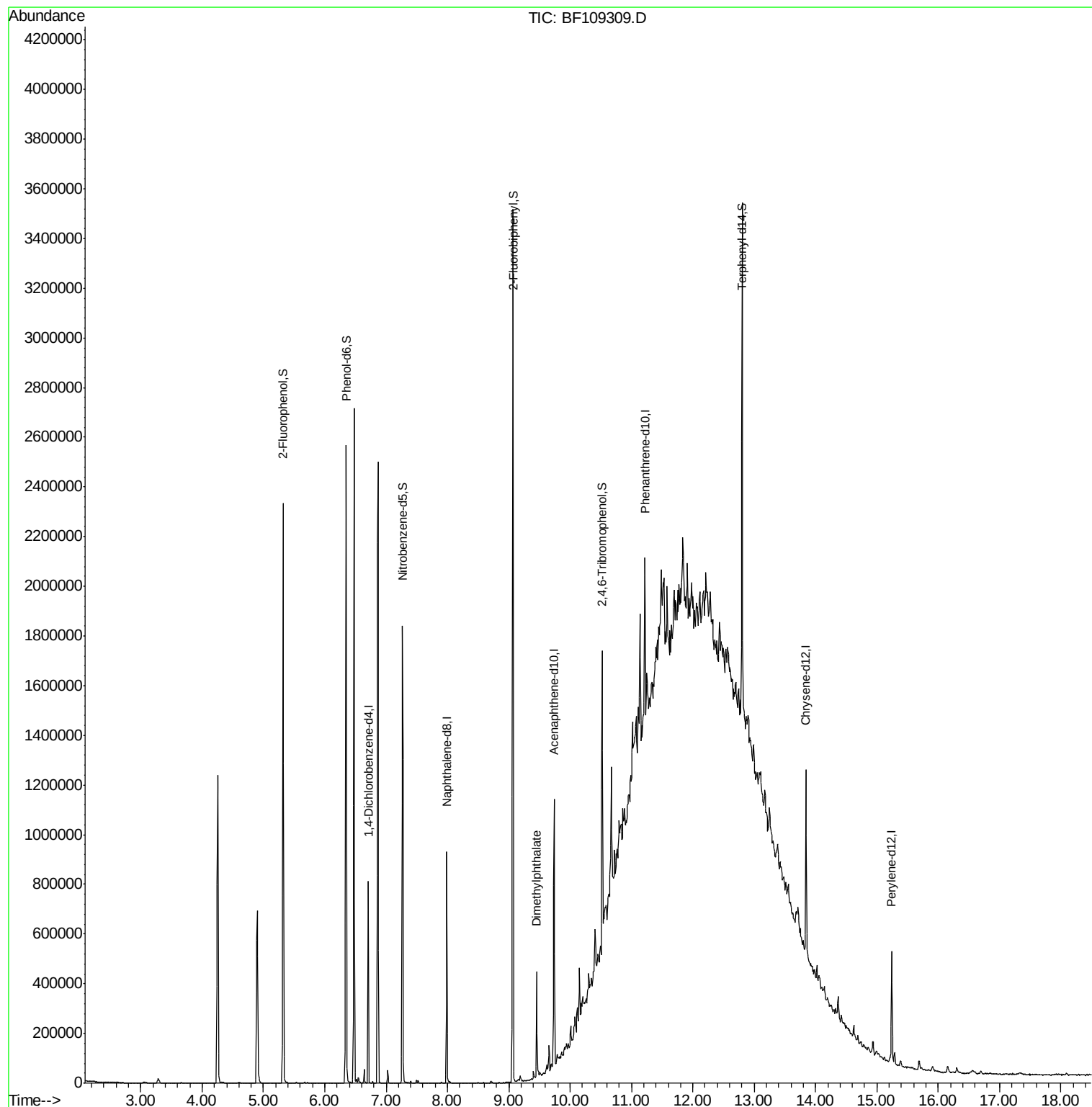
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	116157	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	431703	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	185139	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	268270	20.00	ng	0.00
75) Chrysene-d12	13.84	240	246888	20.00	ng	0.00
86) Perylene-d12	15.24	264	191604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	656908	93.15	ng	0.00
7) Phenol-d6	6.35	99	932714	103.65	ng	0.00
23) Nitrobenzene-d5	7.27	82	622583	85.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	140493	76.98	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1086655	88.52	ng	0.00
78) Terphenyl-d14	12.80	244	816188	81.13	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	135013	10.026	ng	99

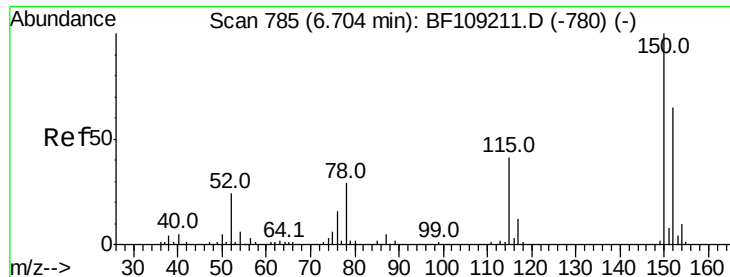
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PIERS

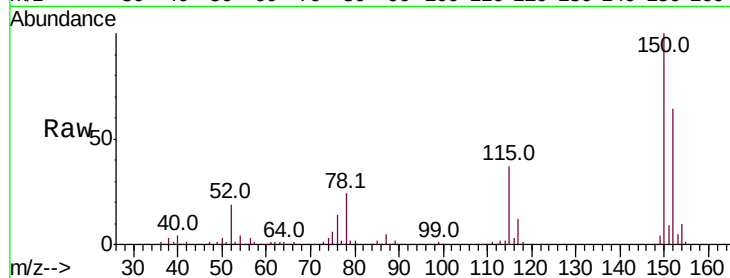
Tot Ion:152 Resp: 116157

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

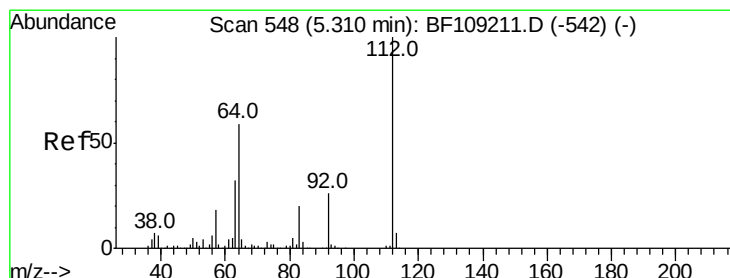
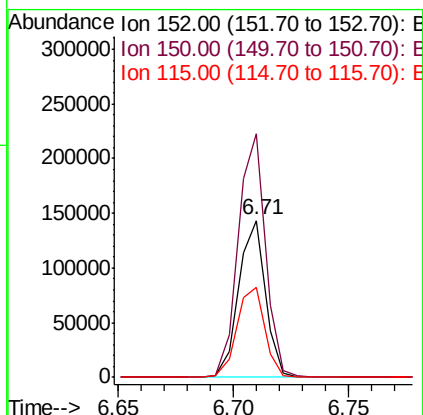
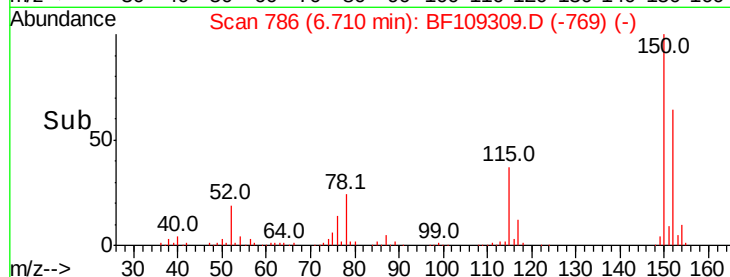
115 57.5 50.1 75.1



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: 93.148 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

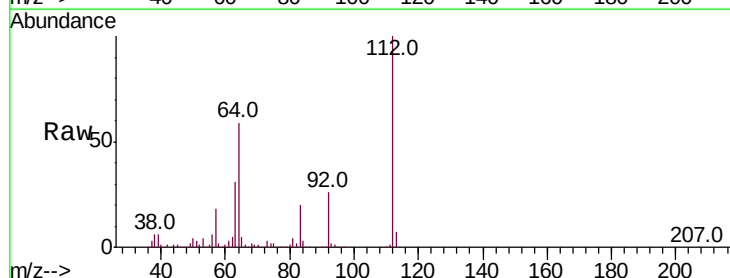
Tgt Ion:112 Resp: 656908

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

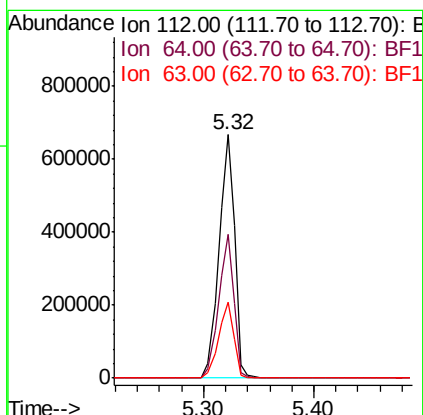
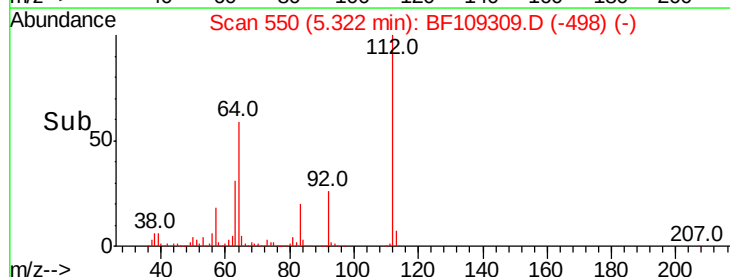
63 31.3 23.7 35.5

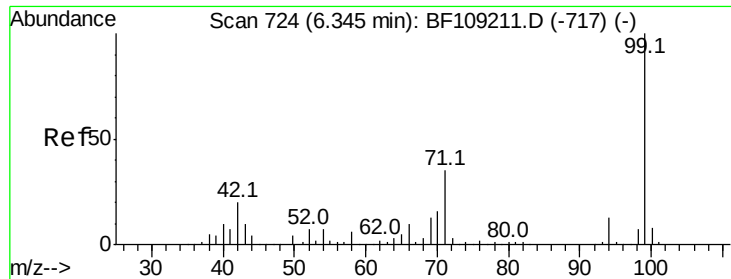


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.646 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PIERS

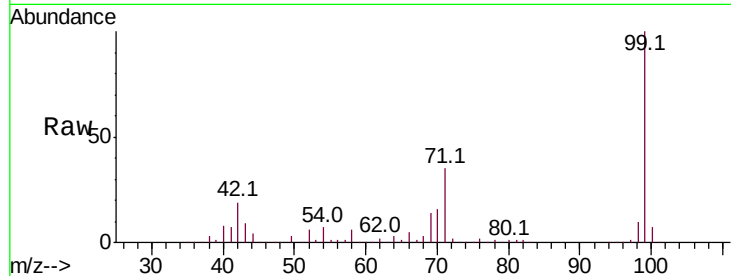
Tot Ion: 99 Resp: 932714

Ion Ratio Lower Upper

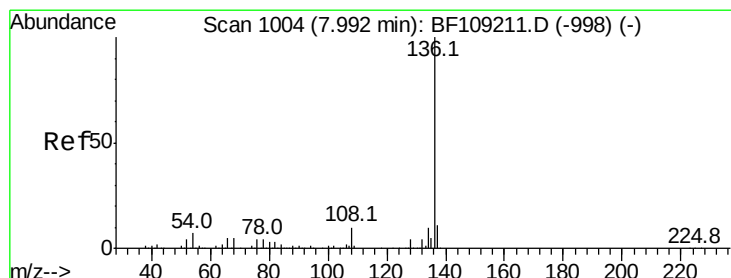
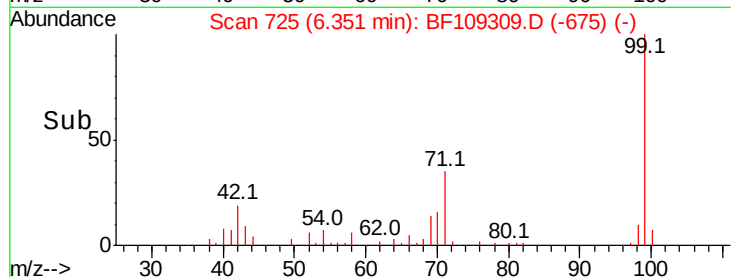
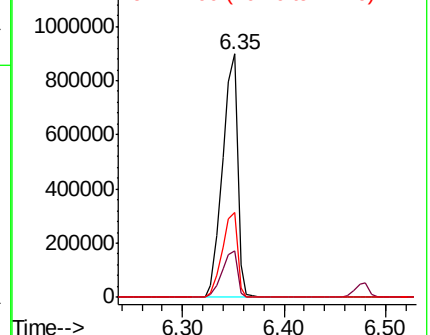
99 100

42 19.1 14.5 21.7

71 35.0 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

Tgt Ion: 136 Resp: 431703

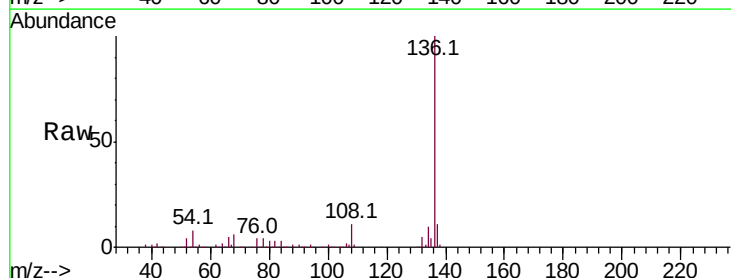
Ion Ratio Lower Upper

136 100

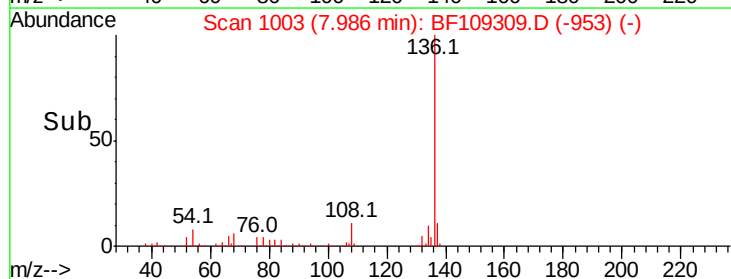
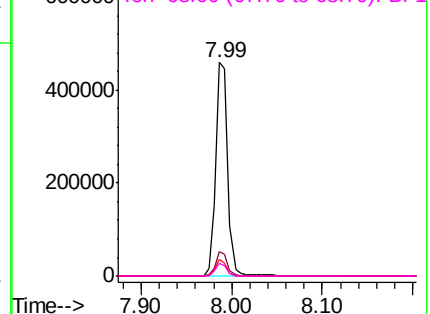
137 11.2 8.9 13.3

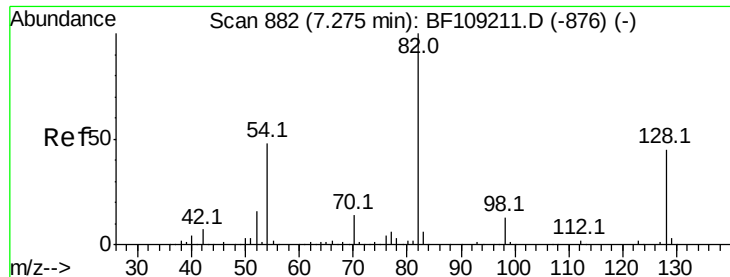
54 7.7 6.6 9.8

68 6.0 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

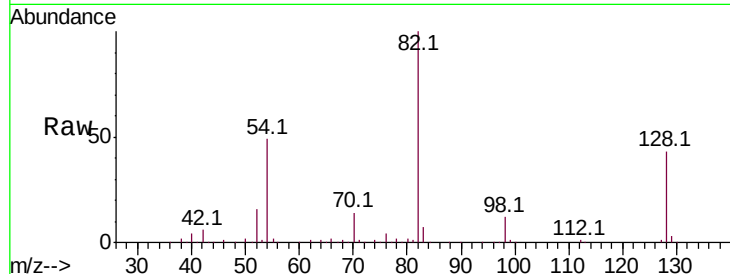




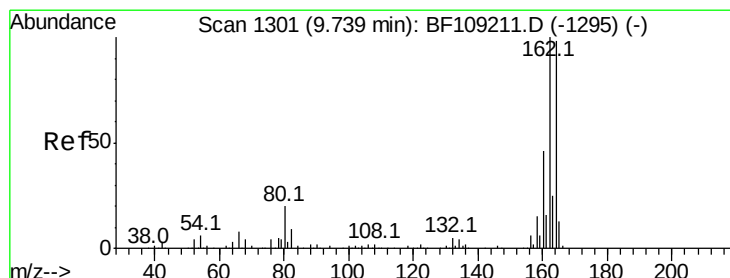
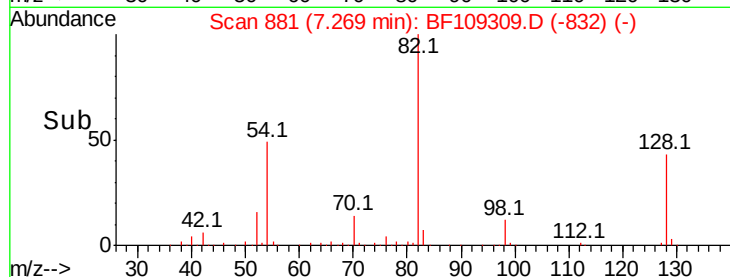
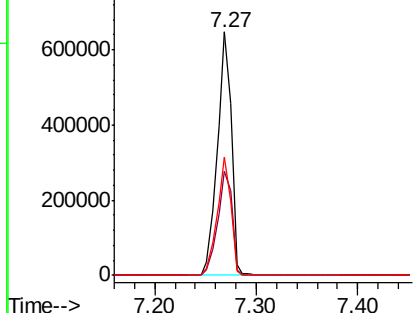
#23
 Nitrobenzene-d5
 Concen: 85.133 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109309.D
 Acq: 26 Sep 2018 2:06

Instrument :
 BNA_F
 ClientSampleId :
 PIERS

Tot Ion	82	Resp	622583
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	48.7	41.4	62.2

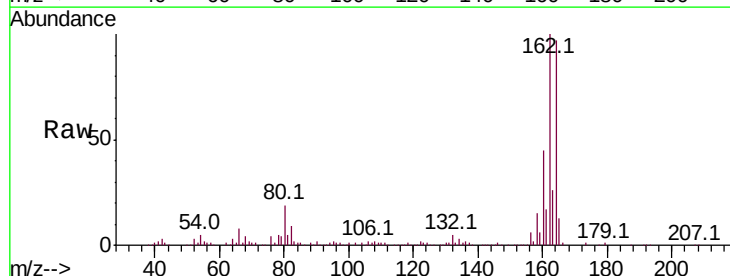


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

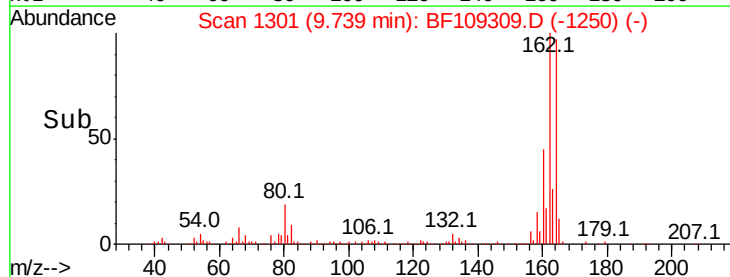
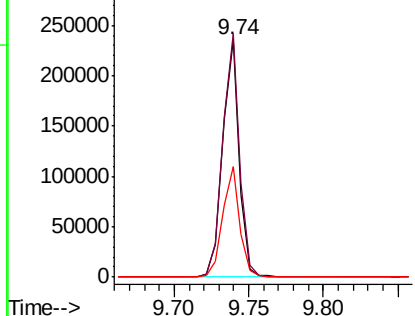


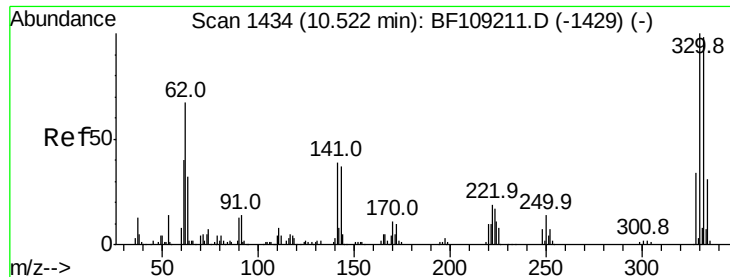
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109309.D
 Acq: 26 Sep 2018 2:06

Tgt Ion	164	Resp	185139
Ion Ratio	Lower	Upper	
164	100		
162	102.6	86.1	129.1
160	46.6	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

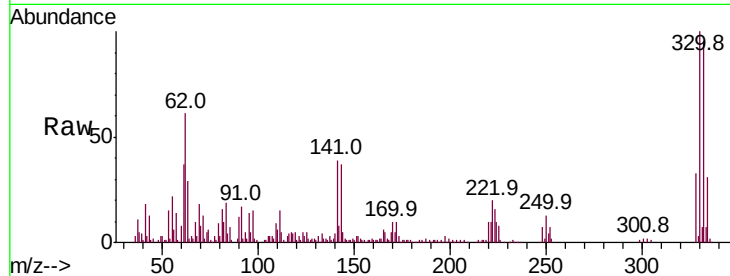




#41
 2,4,6-Tribromophenol
 Concen: 76.979 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109309.D
 Acq: 26 Sep 2018 2:06

Instrument :
 BNA_F
 ClientSampled :
 PIERS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	33.1	29.9	44.9

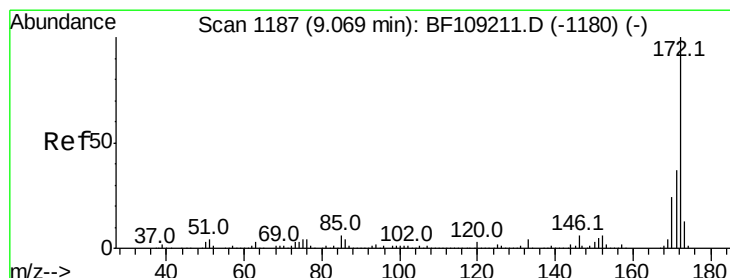
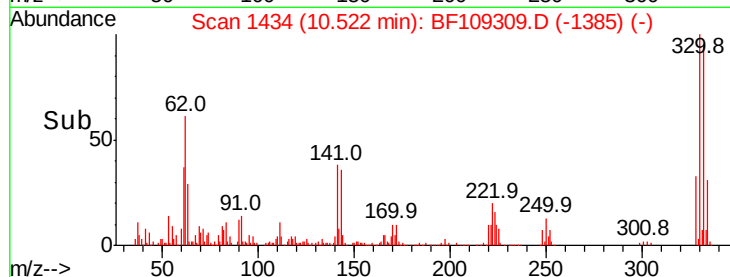
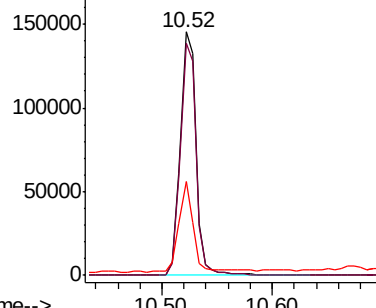


Abundance

Ion 329.80 (329.50 to 330.50): E

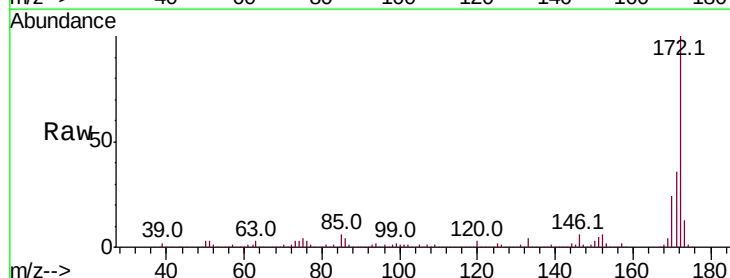
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.522 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109309.D
 Acq: 26 Sep 2018 2:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

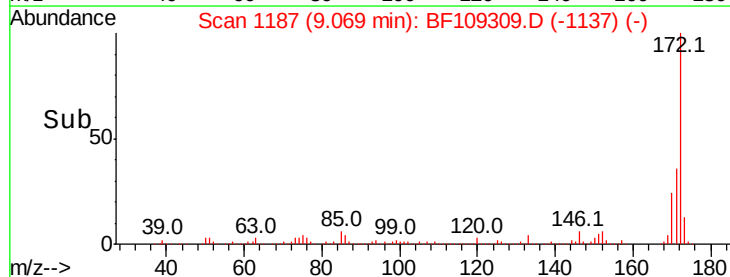
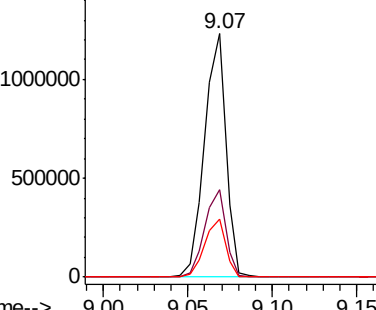


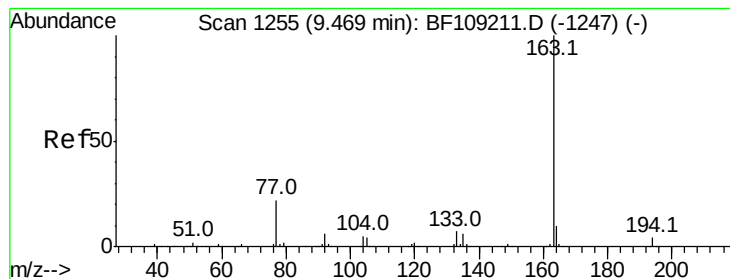
Abundance

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





#49

Dimethylphthalate

Concen: 10.026 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PIERS

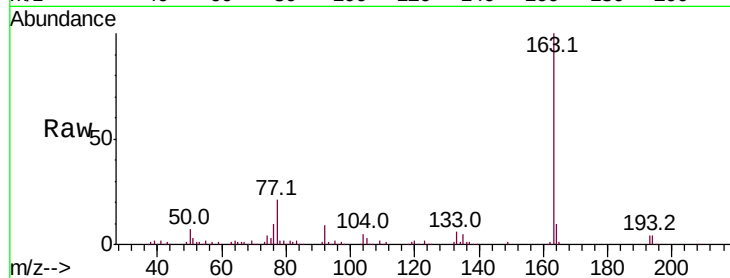
Tot Ion:163 Resp: 135013

Ion Ratio Lower Upper

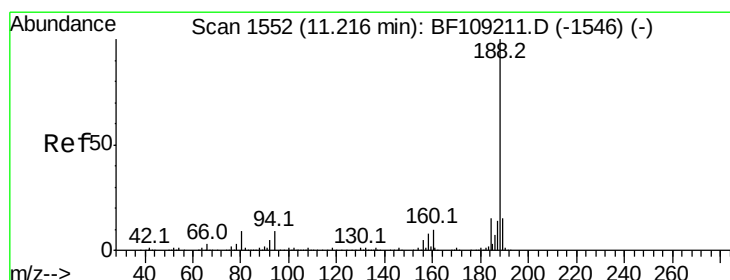
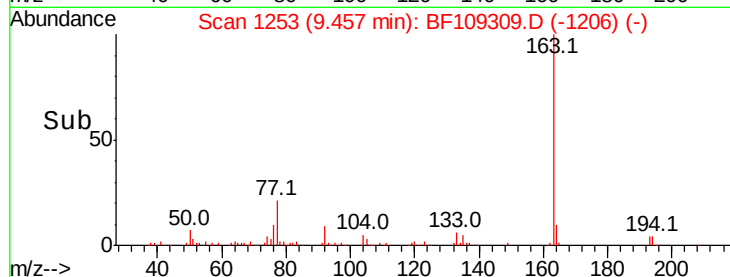
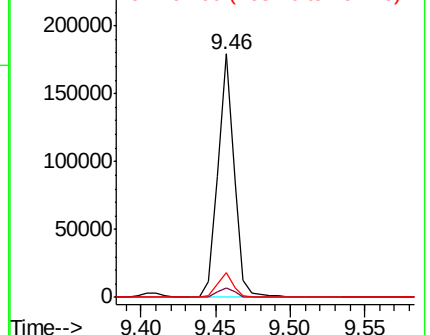
163 100

194 4.0 2.7 4.1

164 10.2 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: 11.22 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

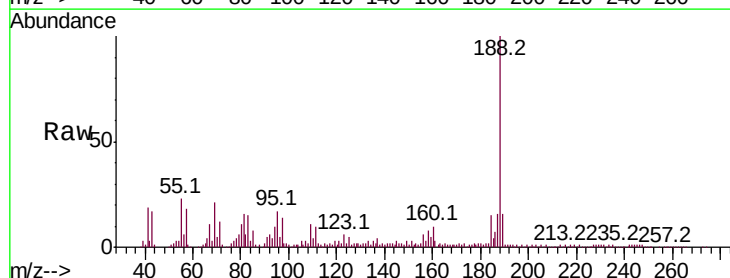
Tgt Ion:188 Resp: 268270

Ion Ratio Lower Upper

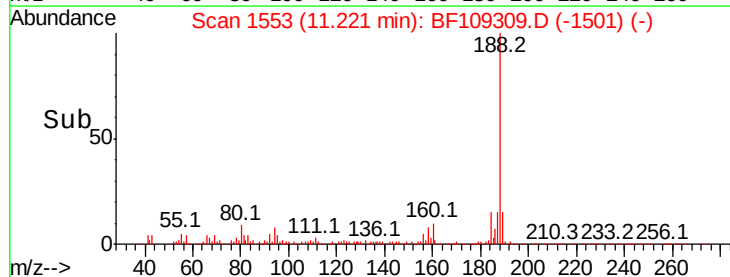
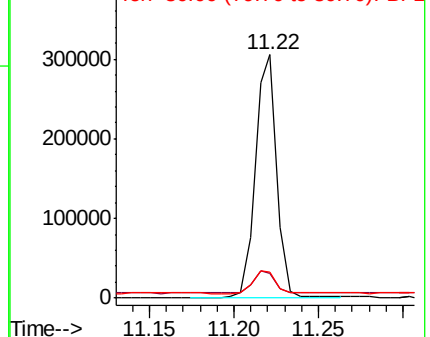
188 100

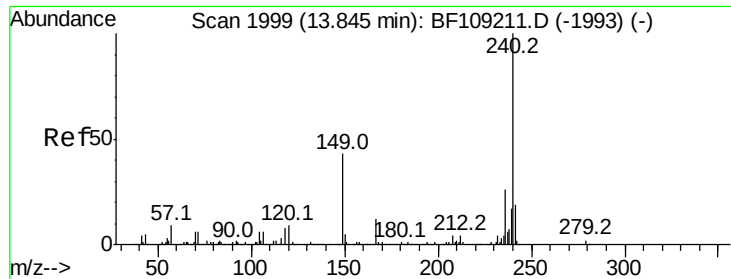
94 10.2 8.5 12.7

80 10.8 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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

Instrument :

BNA_F

ClientSampleId :

PIERS

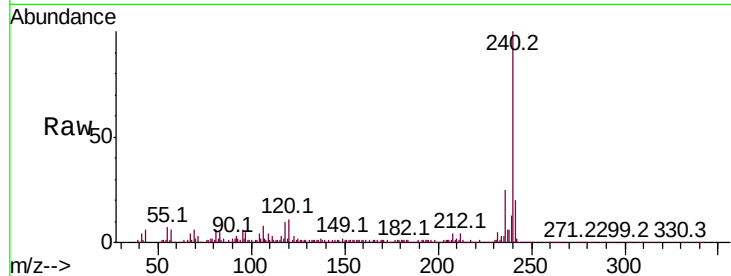
Tot Ion:240 Resp: 246888

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

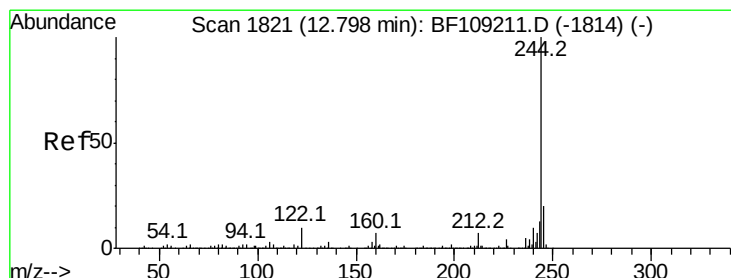
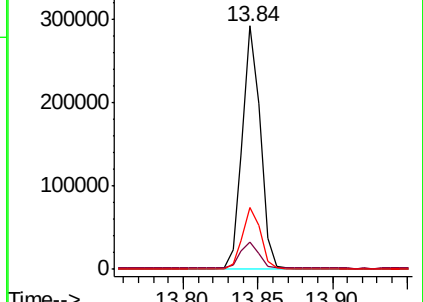
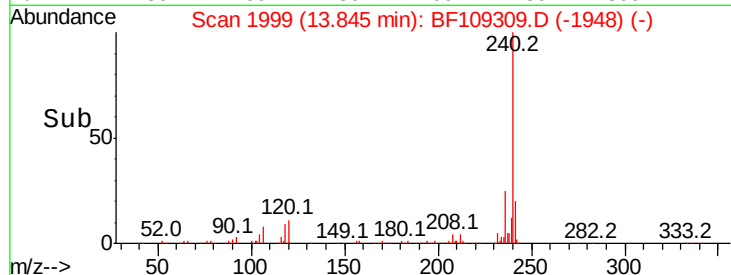
236 25.3 20.7 31.1



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: 81.132 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109309.D

Acq: 26 Sep 2018 2:06

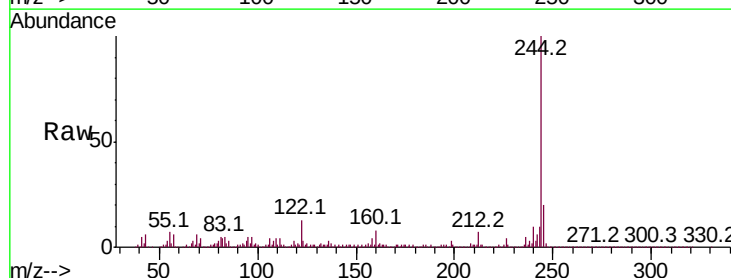
Tgt Ion:244 Resp: 816188

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

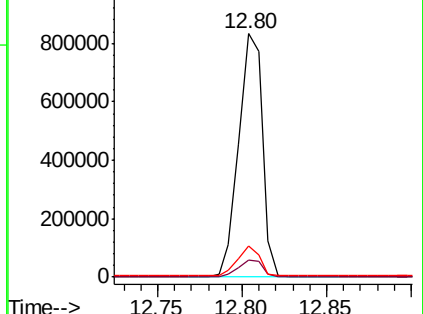
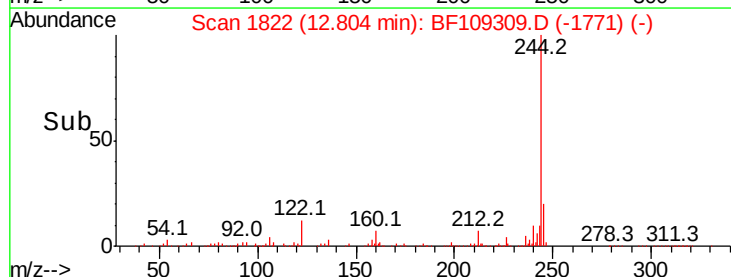
122 12.8 11.0 16.4

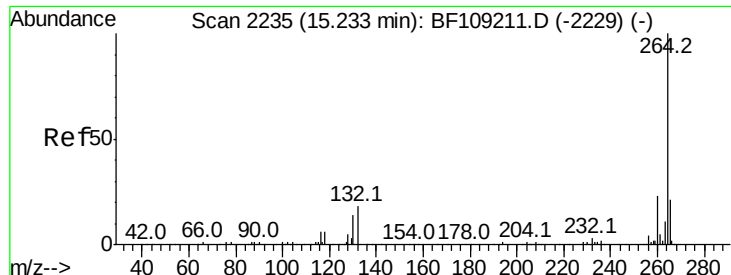


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109309.D
Acq: 26 Sep 2018 2:06

Instrument :
BNA_F
ClientSampleId :
PIERS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.0	17.5	26.3

