

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109014.D
 Acq On : 15 Sep 2018 00:02
 Operator : JU/SJ
 Sample : J4906-32
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2

Quant Time: Sep 15 01:14:12 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

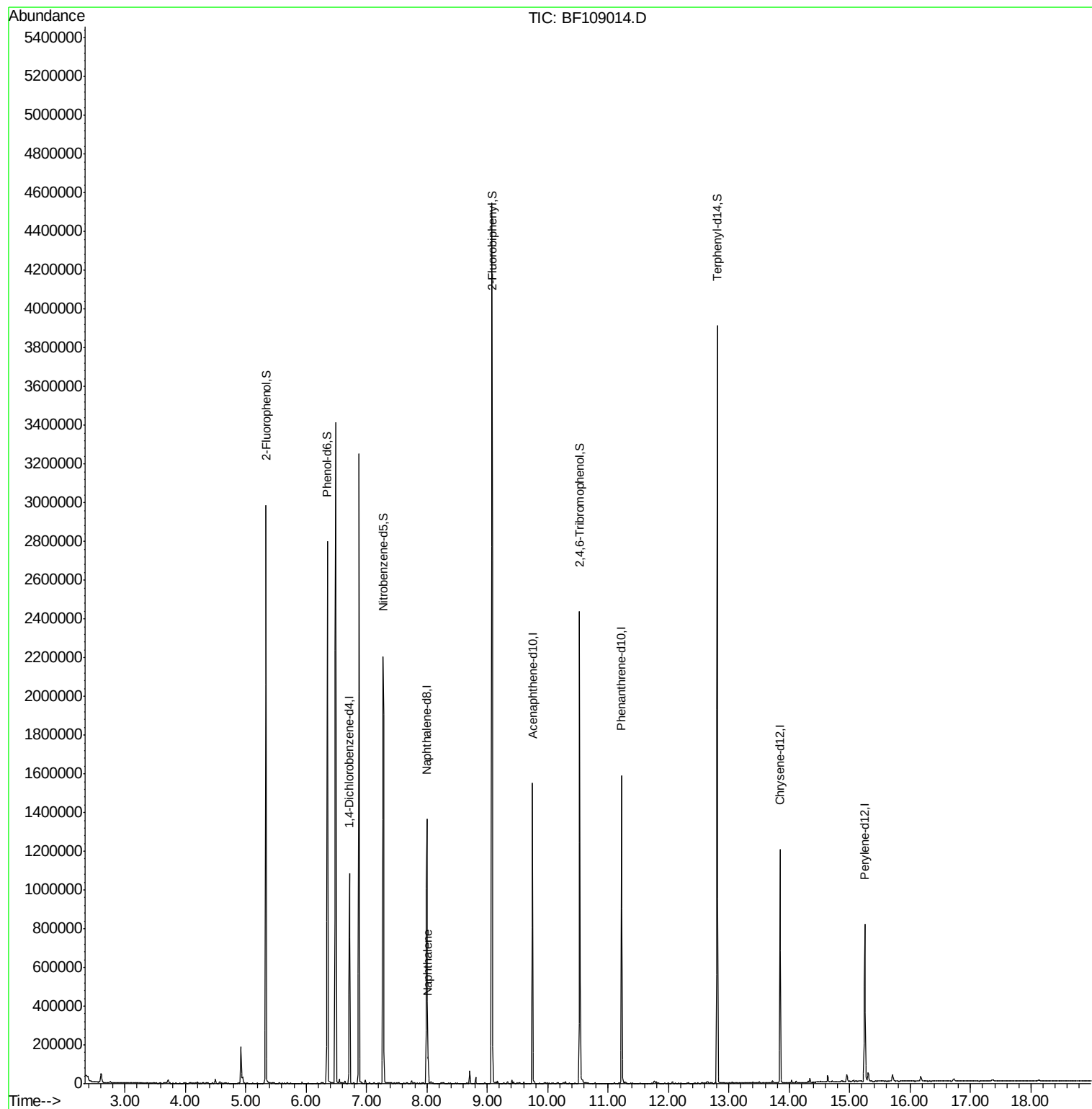
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148677	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	560528	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	275845	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	530813	20.00	ng	0.00
75) Chrysene-d12	13.85	240	386072	20.00	ng	-0.01
86) Perylene-d12	15.25	264	377897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	860403	96.12	ng	0.01
7) Phenol-d6	6.35	99	1009210	87.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	794678	79.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	335419	112.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1414577	80.34	ng	0.00
78) Terphenyl-d14	12.81	244	1416482	86.96	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	86748	3.334	ng	Qvalue 97

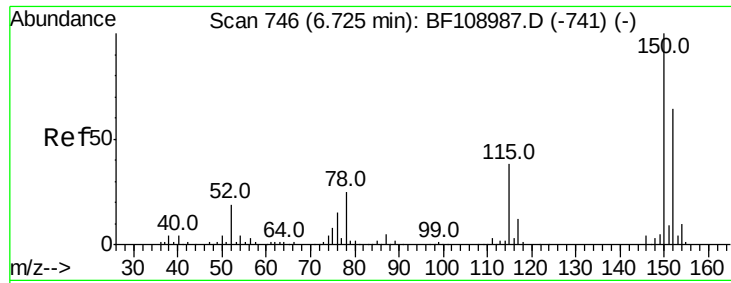
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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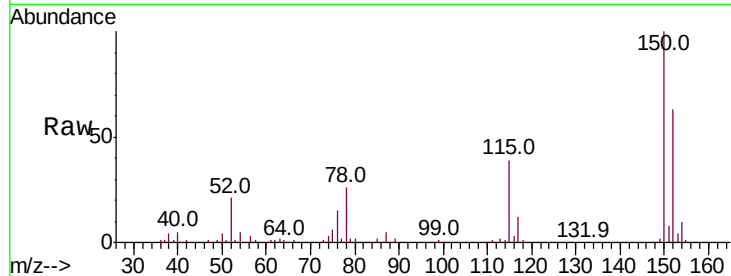


#1

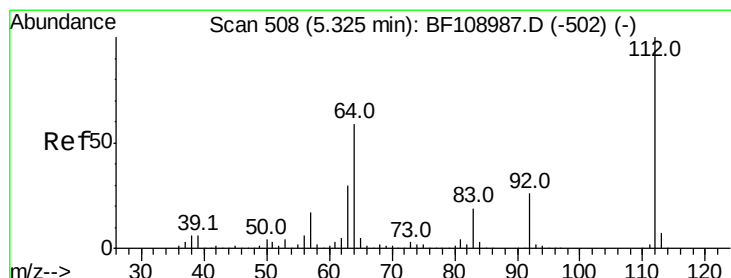
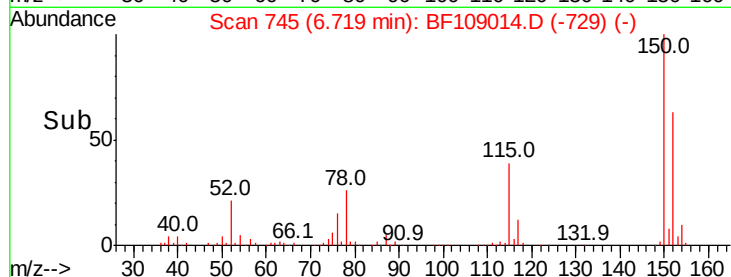
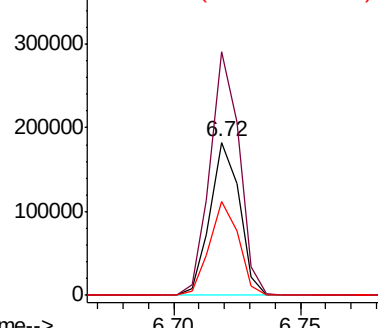
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tot Ion:152 Resp: 148677
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 61.7 50.1 75.1



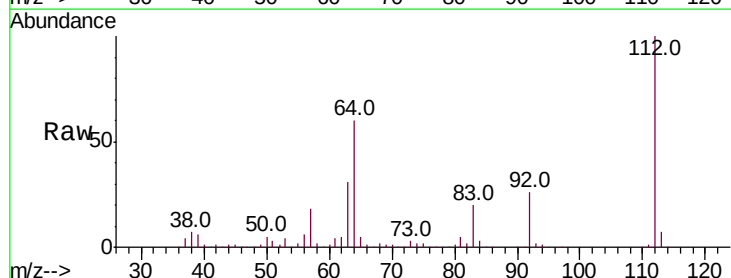
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



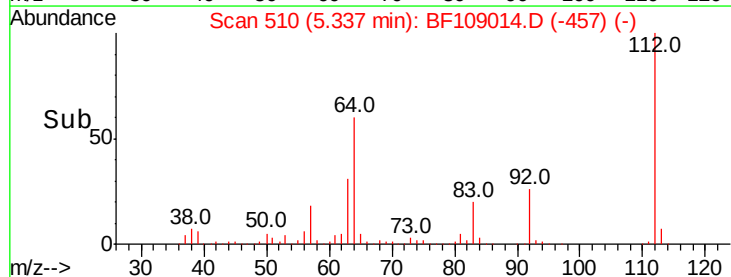
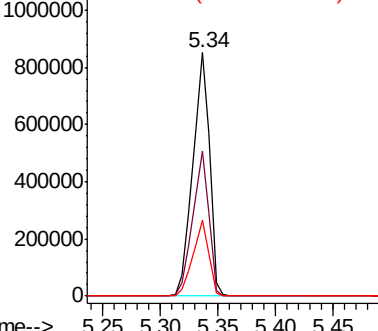
#5

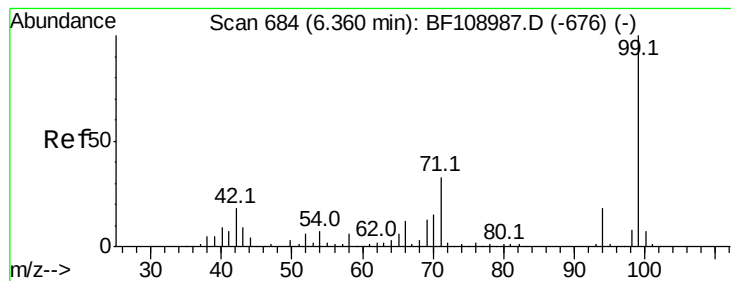
2-Fluorophenol
Concen: 96.116 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion:112 Resp: 860403
Ion Ratio Lower Upper
112 100
64 59.7 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: 87.432 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109014.D

Acq: 15 Sep 2018 00:02

Instrument :

BNA_F

ClientSampled :

SP-PIT-2

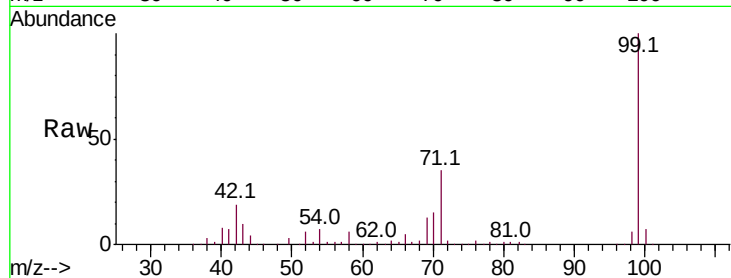
Tot Ion: 99 Resp: 1009210

Ion Ratio Lower Upper

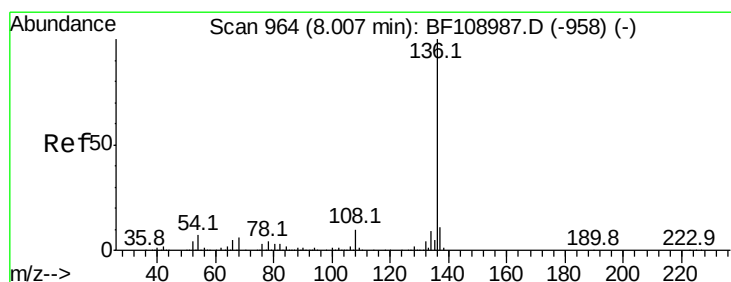
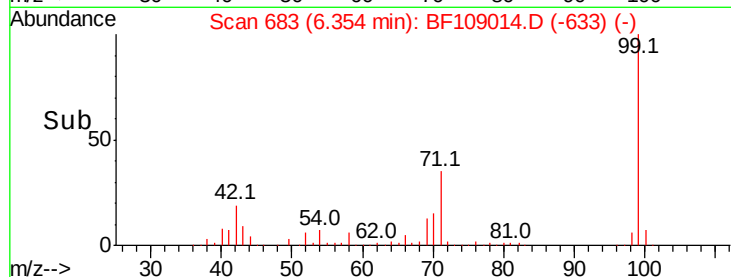
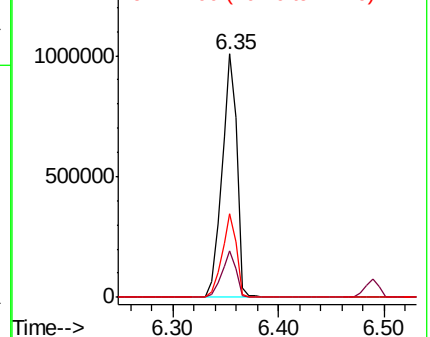
99 100

42 18.9 14.5 21.7

71 34.5 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: BF109014.D

Acq: 15 Sep 2018 00:02

Tgt Ion: 136 Resp: 560528

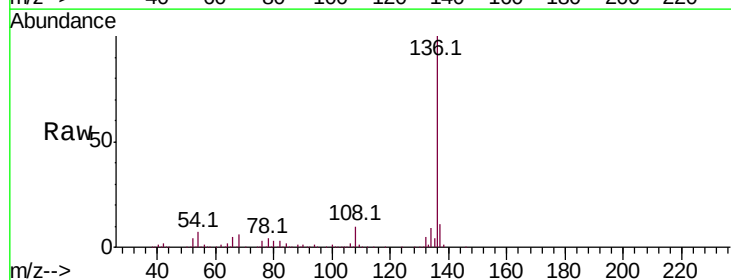
Ion Ratio Lower Upper

136 100

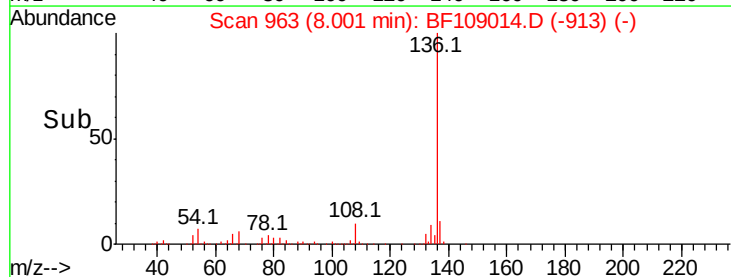
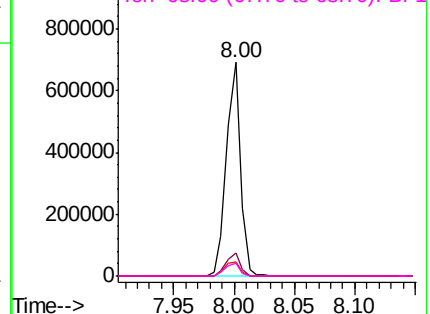
137 10.8 8.9 13.3

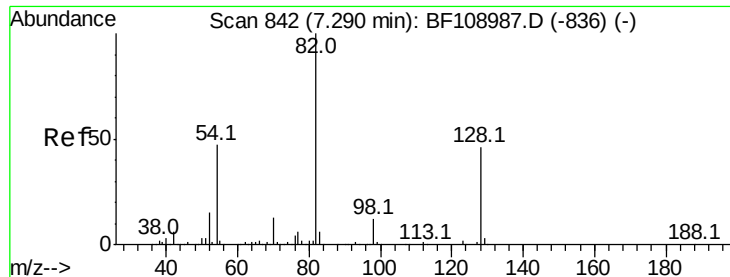
54 6.9 6.6 9.8

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: 79.518 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109014.D

Acq: 15 Sep 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

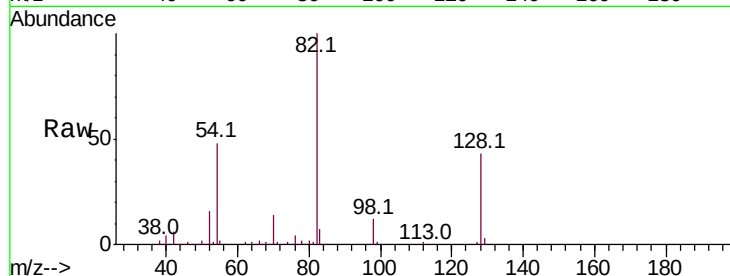
Tot Ion: 82 Resp: 794678

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

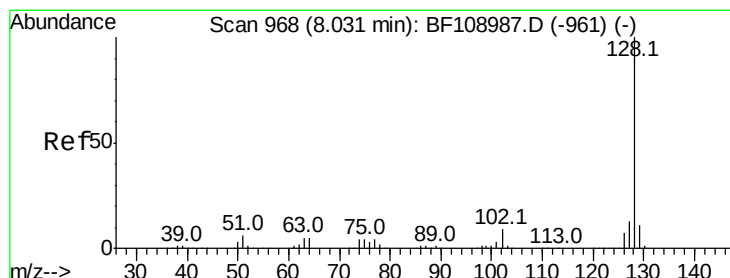
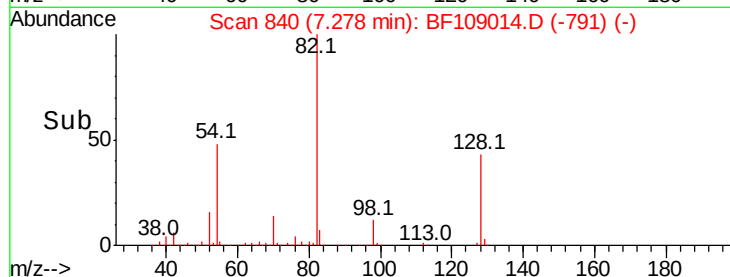
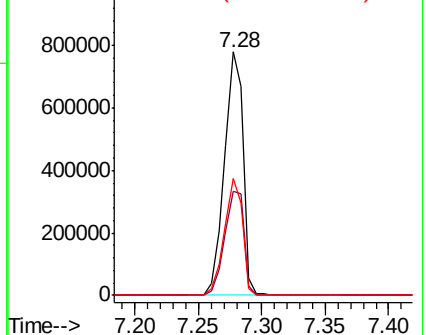
54 48.0 41.4 62.2



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



#31

Naphthalene

Concen: 3.334 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF109014.D

Acq: 15 Sep 2018 00:02

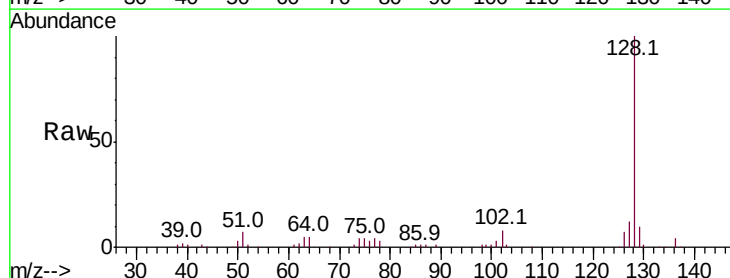
Tgt Ion: 128 Resp: 86748

Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

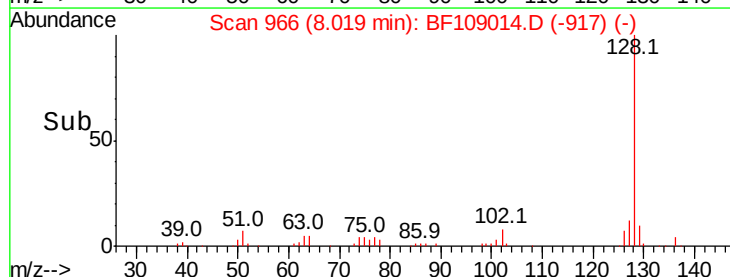
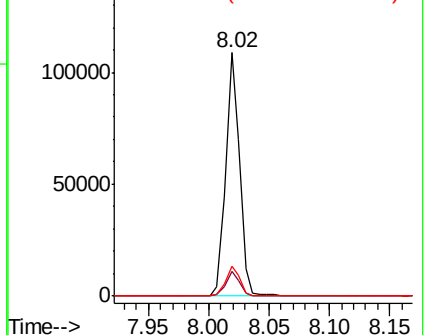
127 12.1 10.9 16.3

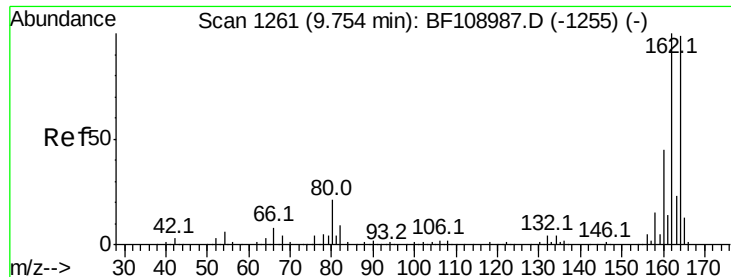


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

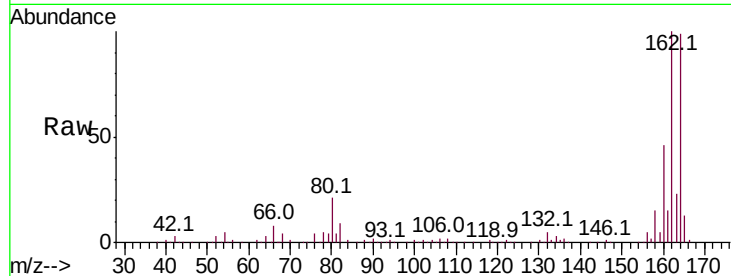




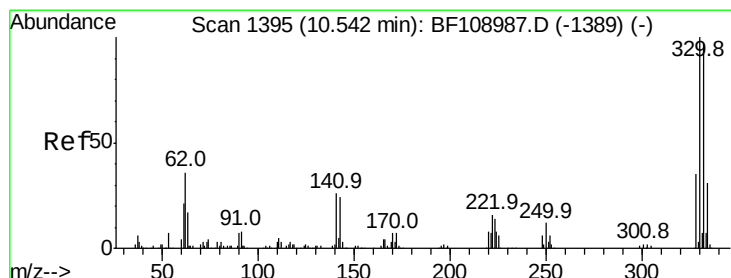
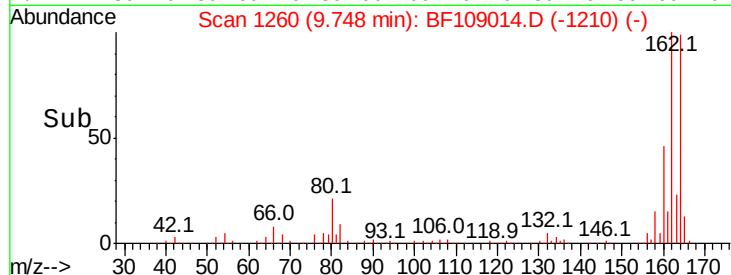
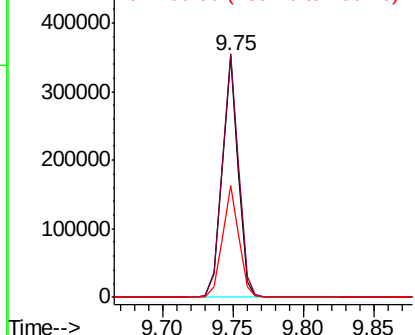
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	46.1	38.3	57.5

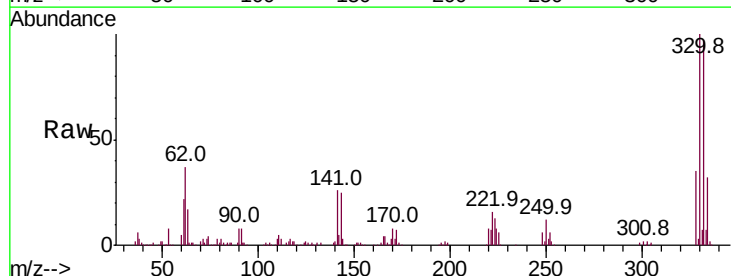


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

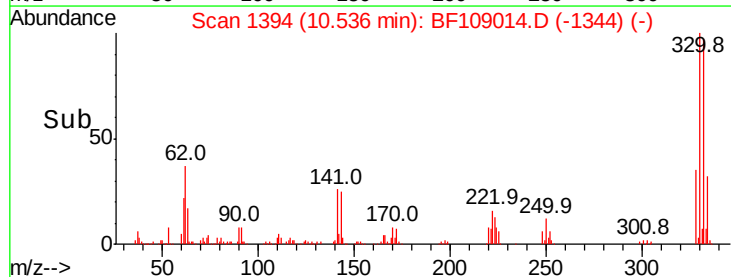
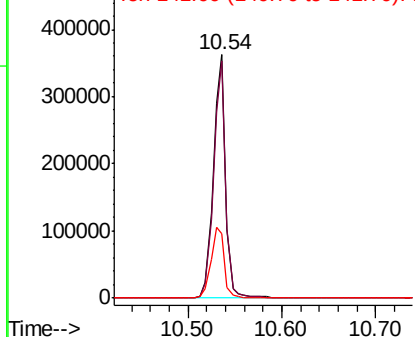


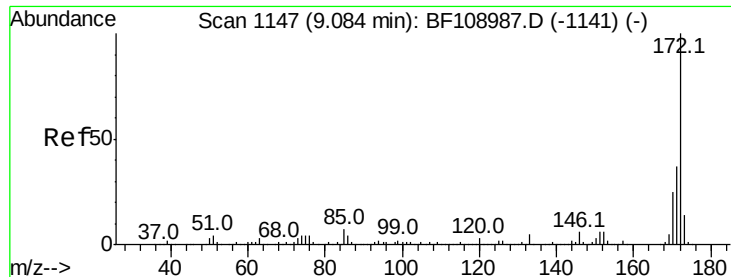
#41
2,4,6-Tribromophenol
Concen: 112.043 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	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



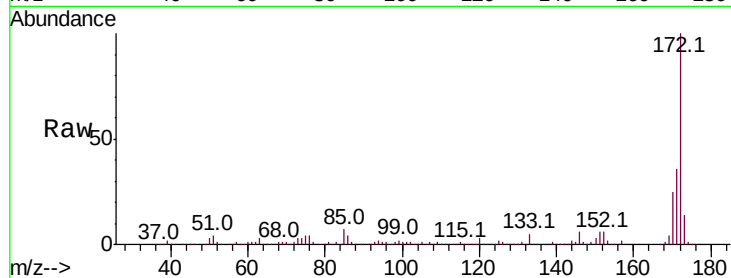


#44
 2-Fluorobiphenyl
 Concen: 80.344 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109014.D
 Acq: 15 Sep 2018 00:02

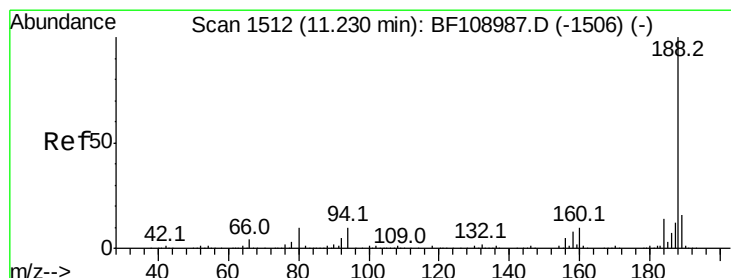
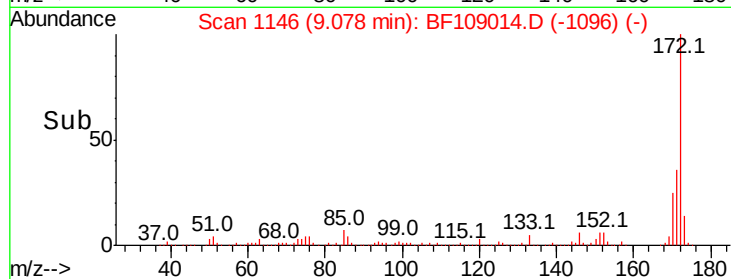
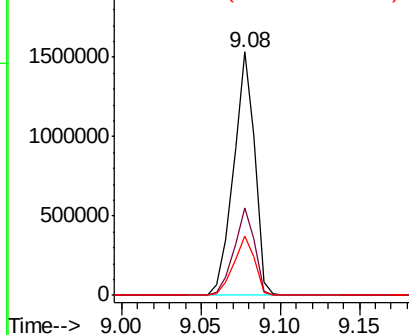
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-2

Tot Ion:172 Resp: 1414577

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.6	19.6	29.4



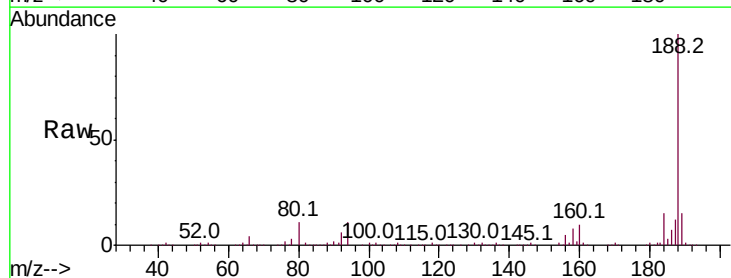
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



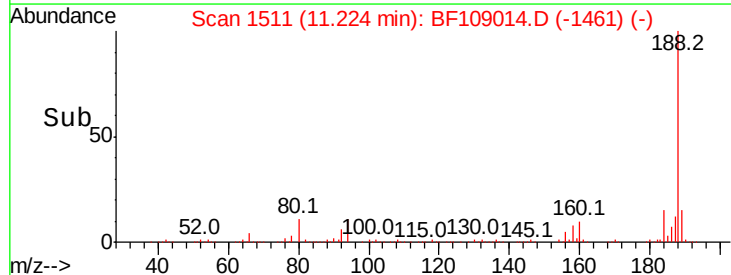
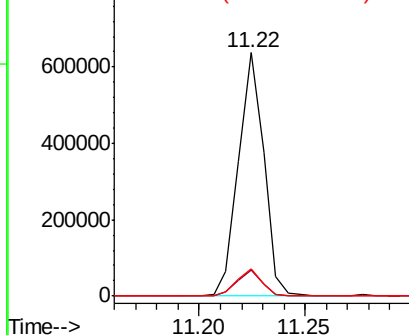
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109014.D
 Acq: 15 Sep 2018 00:02

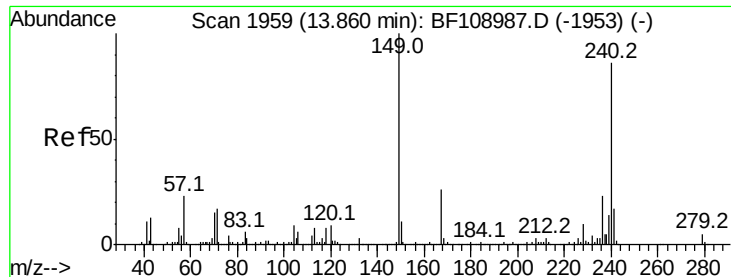
Tgt Ion:188 Resp: 530813

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109014.D

Acq: 15 Sep 2018 00:02

Instrument :

BNA_F

ClientSampleId :

SP-PIT-2

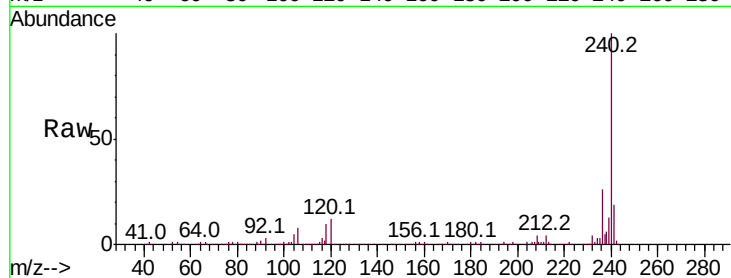
Tot Ion:240 Resp: 386072

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

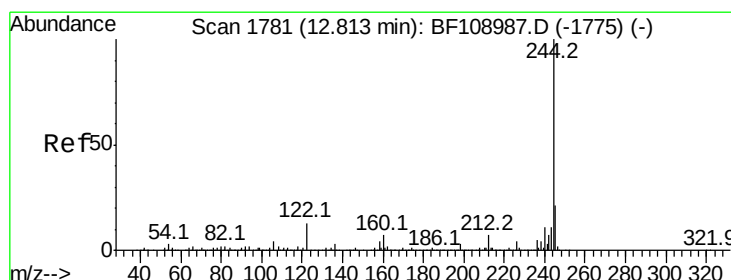
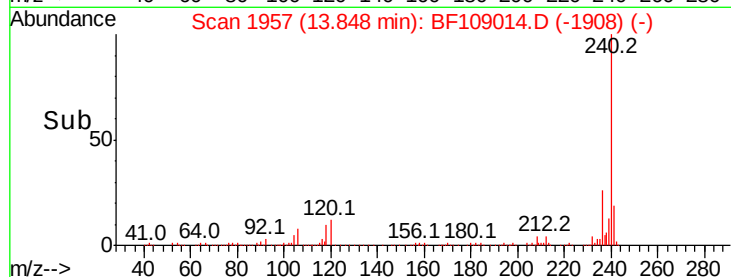
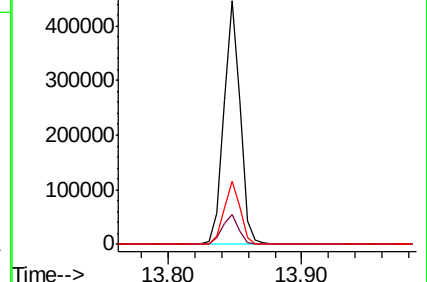
236 25.8 20.7 31.1



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: 86.964 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109014.D

Acq: 15 Sep 2018 00:02

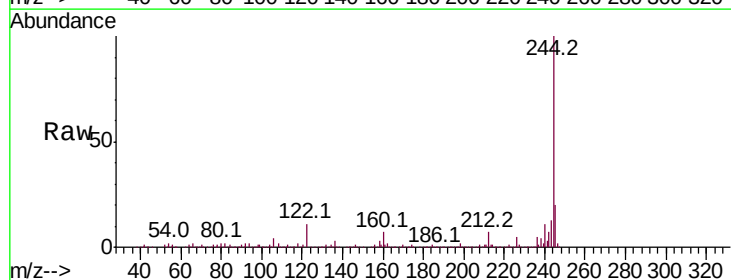
Tgt Ion:244 Resp: 1416482

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

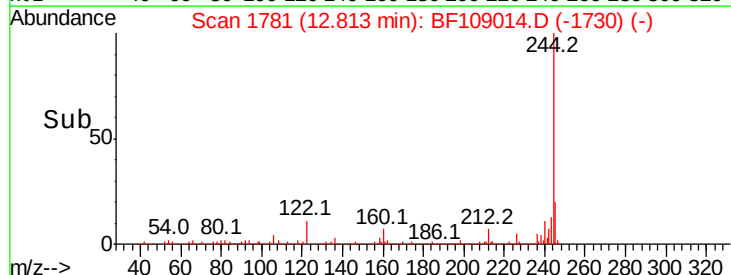
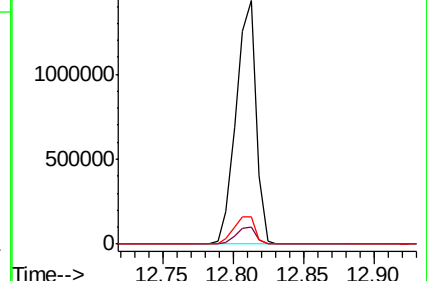
122 11.0 11.0 16.4

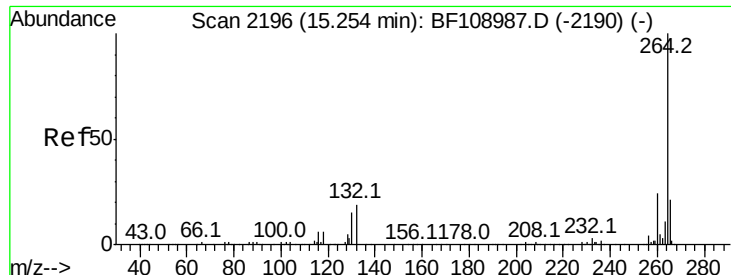


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109014.D
Acq: 15 Sep 2018 00:02

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

