

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109073.D
 Acq On : 18 Sep 2018 3:33
 Operator : JU/SJ
 Sample : J4936-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26KV

Quant Time: Sep 18 06:00:08 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

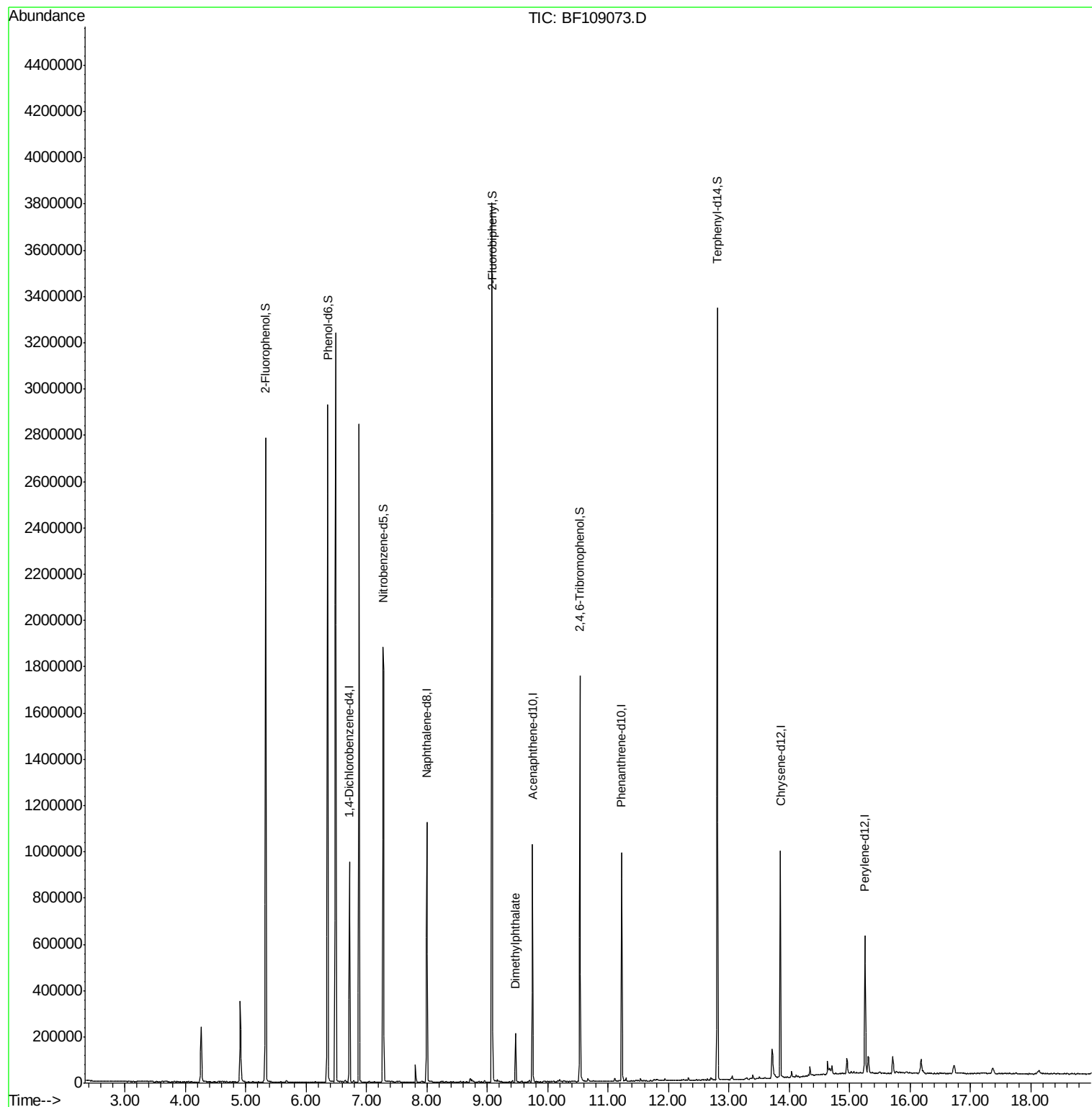
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130674	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	449181	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	186737	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	356649	20.00	ng	0.00
75) Chrysene-d12	13.85	240	344457	20.00	ng	0.00
86) Perylene-d12	15.25	264	253703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	822770	104.58	ng	0.00
7) Phenol-d6	6.36	99	1044682	102.97	ng	0.00
23) Nitrobenzene-d5	7.28	82	666030	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	218319	107.73	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1121413	94.09	ng	0.00
78) Terphenyl-d14	12.81	244	1122524	77.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	82743	6.199	ng	Qvalue 99

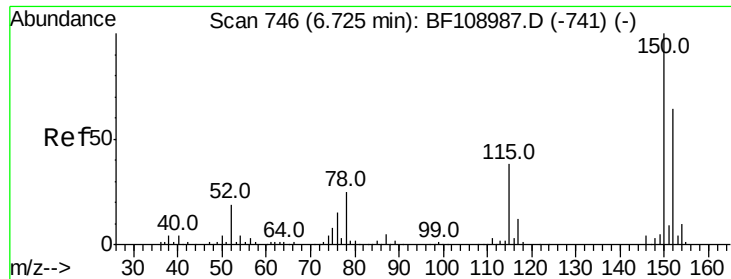
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

26KV

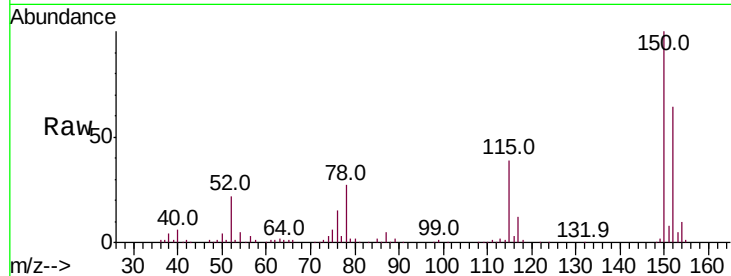
Tot Ion:152 Resp: 130674

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

115 61.2 50.1 75.1

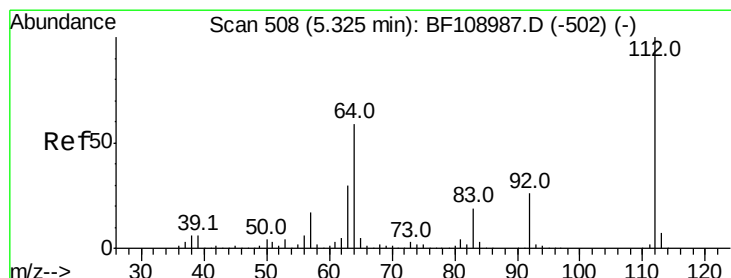
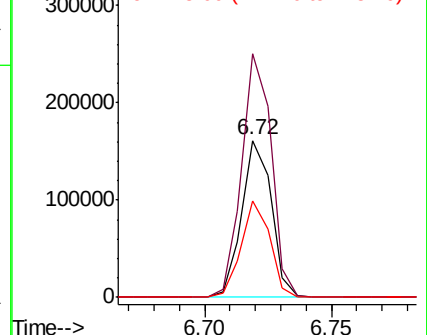
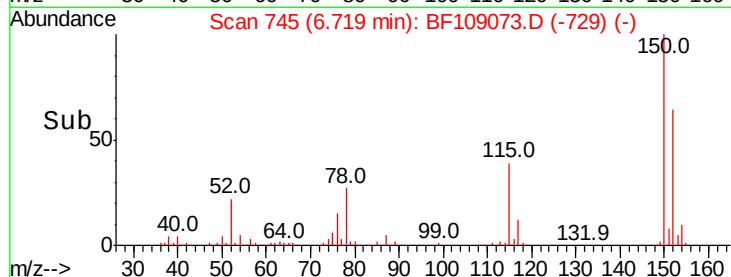


Abundance

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: 104.575 ng

RT: 5.33 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

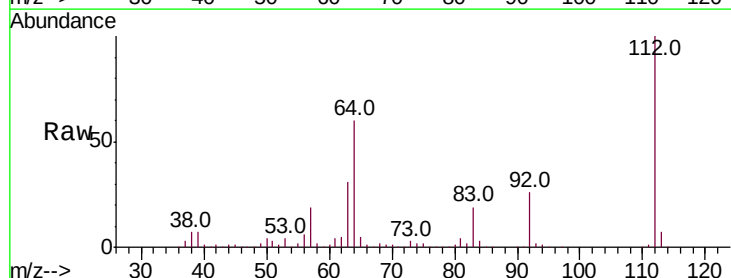
Tgt Ion:112 Resp: 822770

Ion Ratio Lower Upper

112 100

64 60.0 47.9 71.9

63 31.5 23.7 35.5

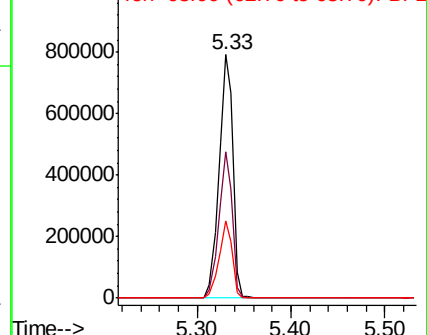
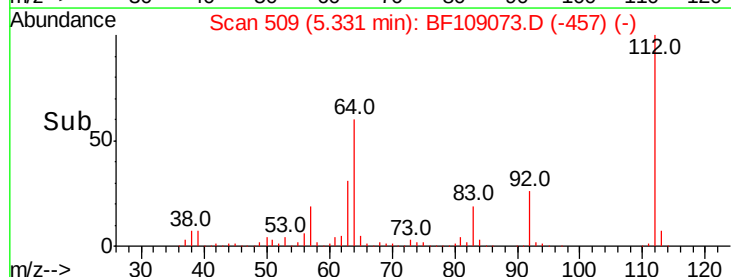


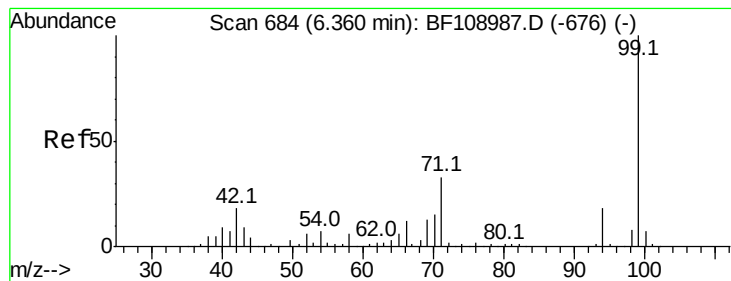
Abundance

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: 102.974 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Instrument :

BNA_F

ClientSampled :

26kV

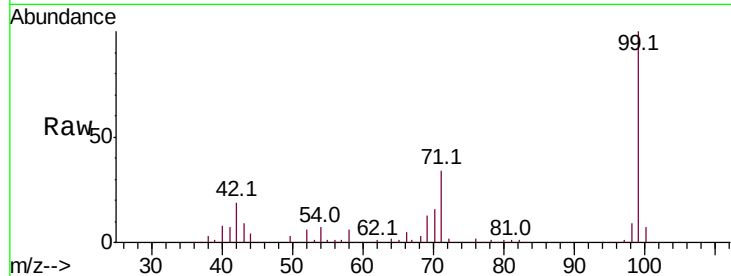
Tot Ion: 99 Resp: 1044682

Ion Ratio Lower Upper

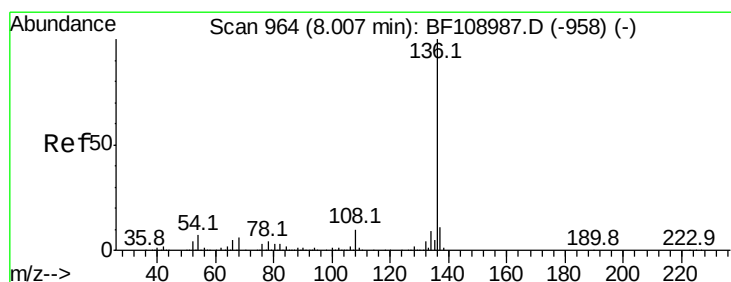
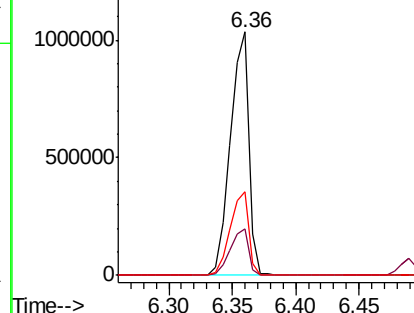
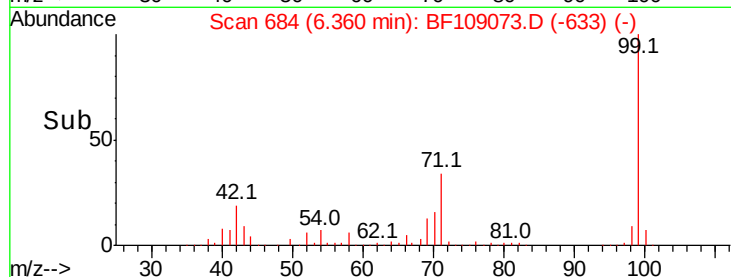
99 100

42 19.1 14.5 21.7

71 34.4 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: BF109073.D

Acq: 18 Sep 2018 3:33

Tgt Ion: 136 Resp: 449181

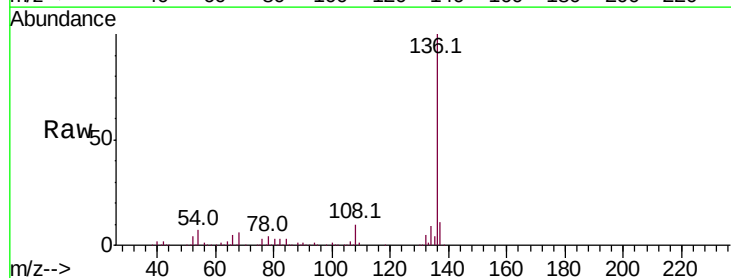
Ion Ratio Lower Upper

136 100

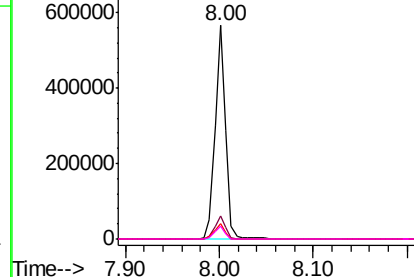
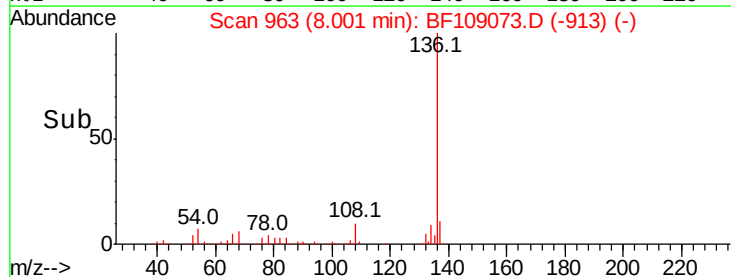
137 10.7 8.9 13.3

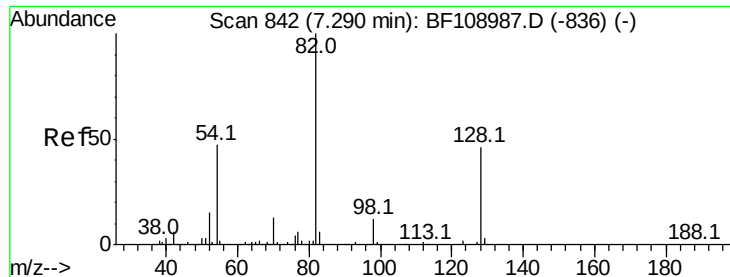
54 7.2 6.6 9.8

68 5.9 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

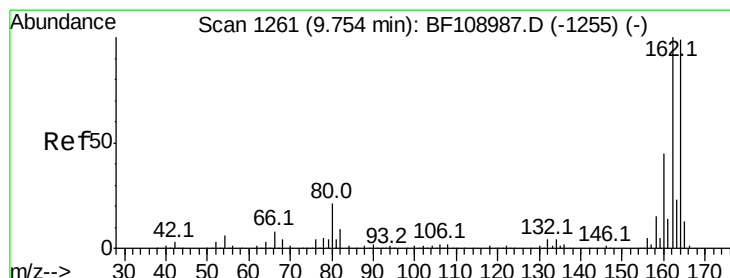
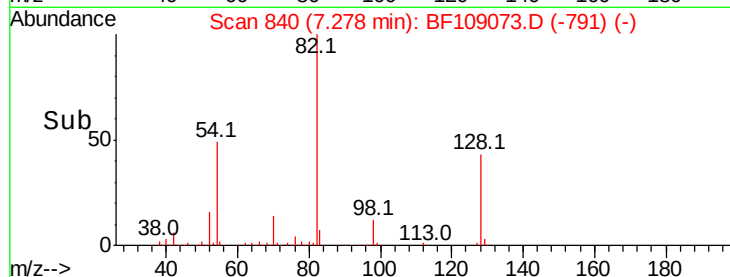
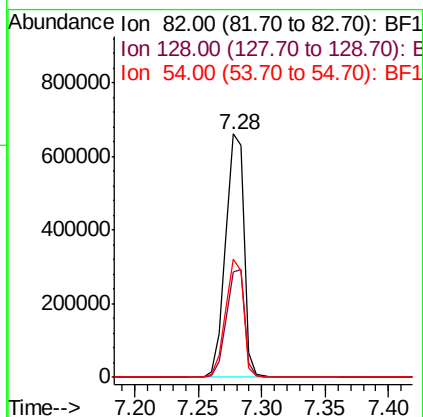
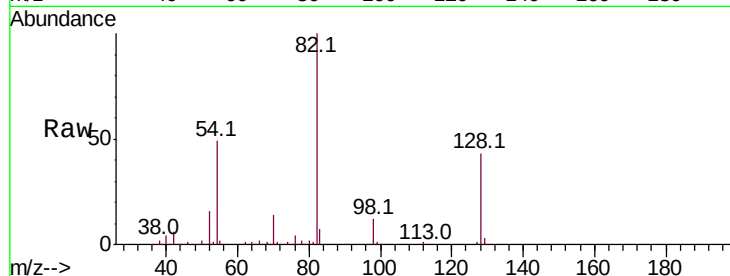




#23
 Nitrobenzene-d5
 Concen: 83.166 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

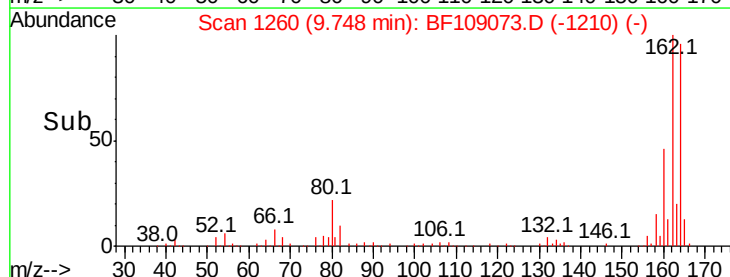
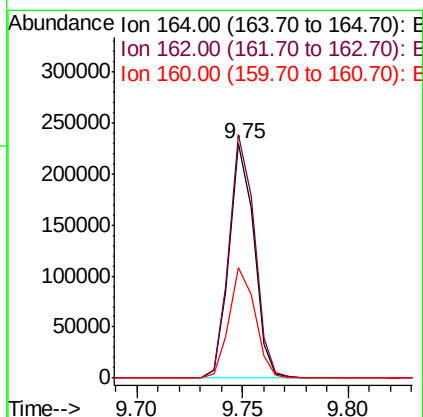
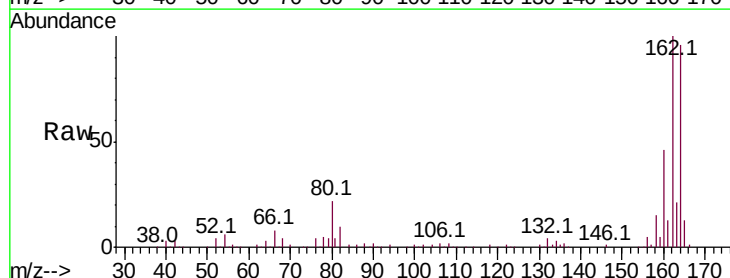
Instrument :
 BNA_F
 ClientSampled :
 26kV

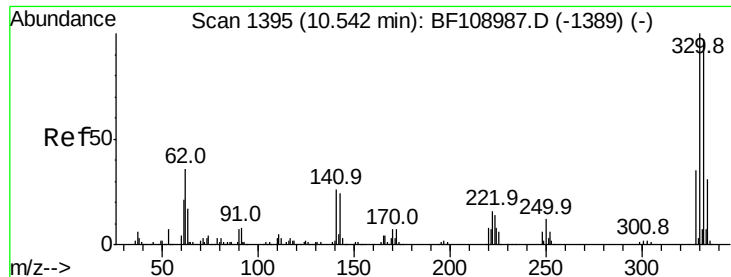
Tot Ion	82	Resp	666030
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.1	54.1
54	48.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Tgt Ion	164	Resp	186737
Ion Ratio	Lower	Upper	
164	100		
162	104.0	86.1	129.1
160	47.5	38.3	57.5

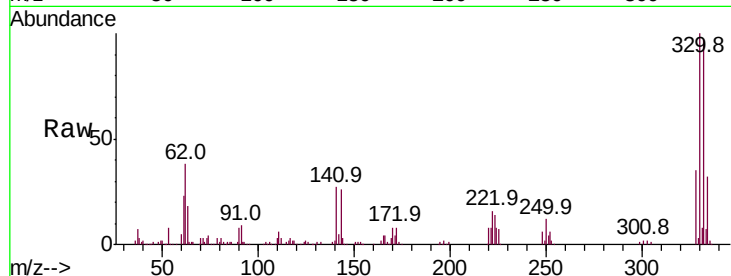




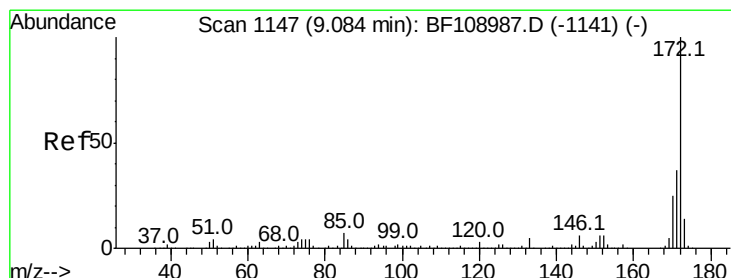
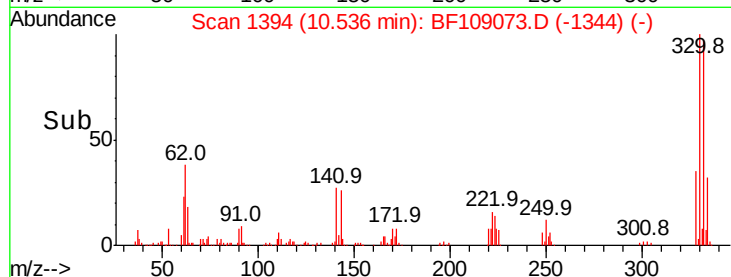
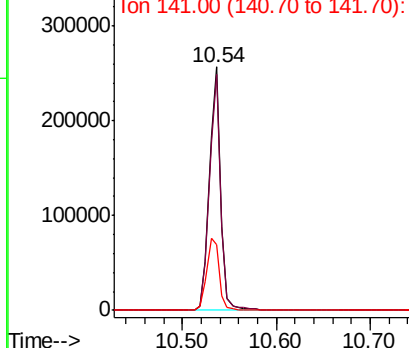
#41
 2,4,6-Tribromophenol
 Concen: 107.727 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Instrument :
 BNA_F
 ClientSampleId :
 26kV

Tot Ion:330 Resp: 218319
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.6 29.9 44.9

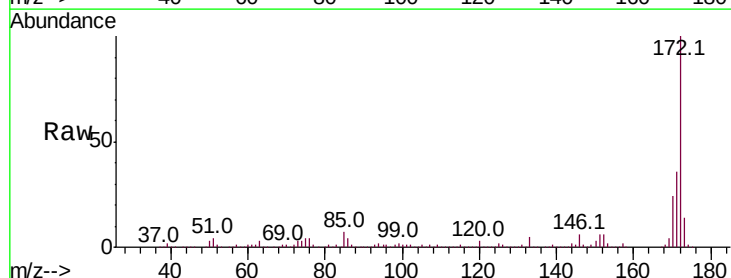


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

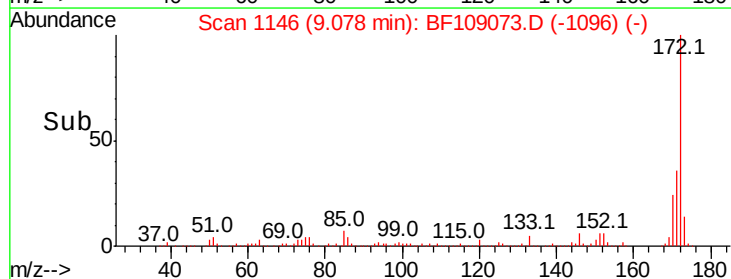
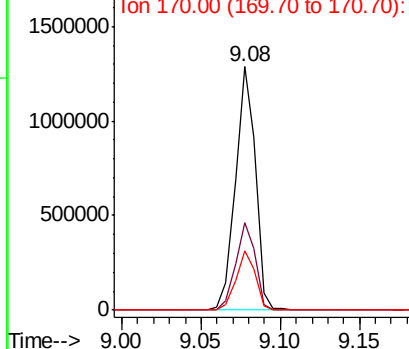


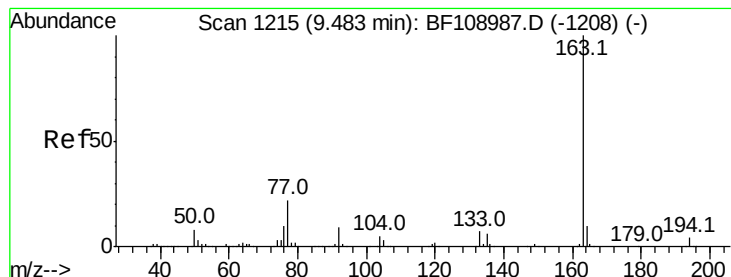
#44
 2-Fluorobiphenyl
 Concen: 94.087 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109073.D
 Acq: 18 Sep 2018 3:33

Tgt Ion:172 Resp: 1121413
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.3 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: 6.199 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

26kV

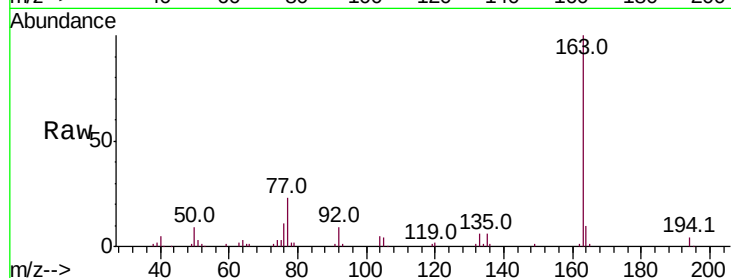
Tot Ion:163 Resp: 82743

Ion Ratio Lower Upper

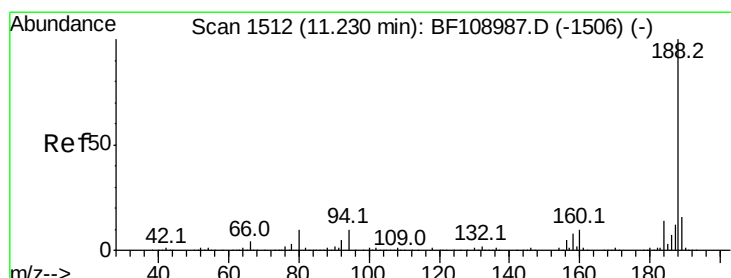
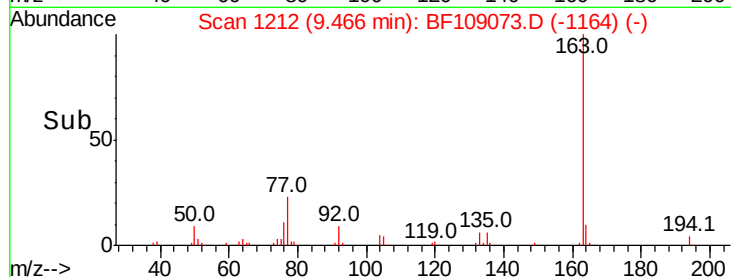
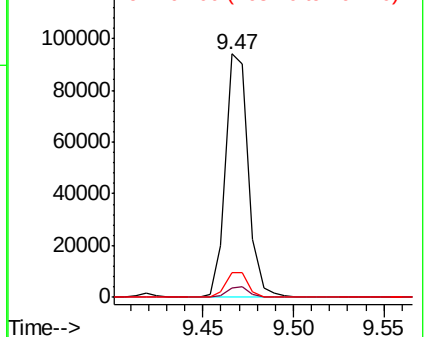
163 100

194 3.7 2.7 4.1

164 10.1 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# 1511

Delta R.T. -0.01 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

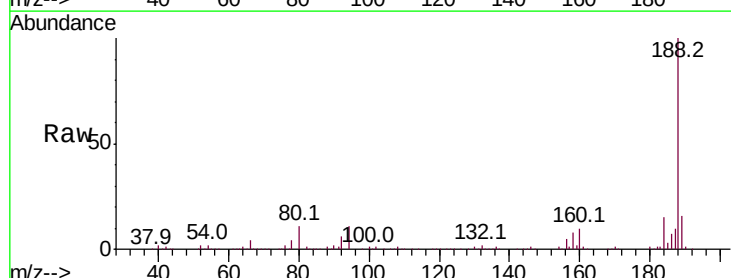
Tgt Ion:188 Resp: 356649

Ion Ratio Lower Upper

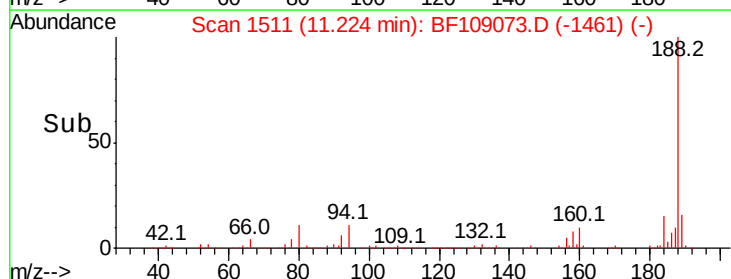
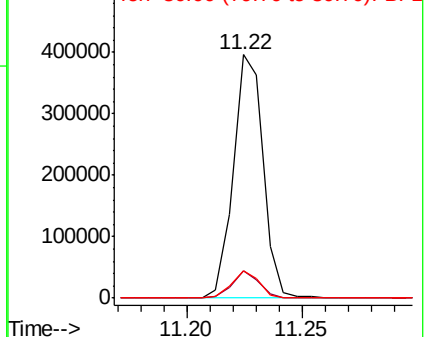
188 100

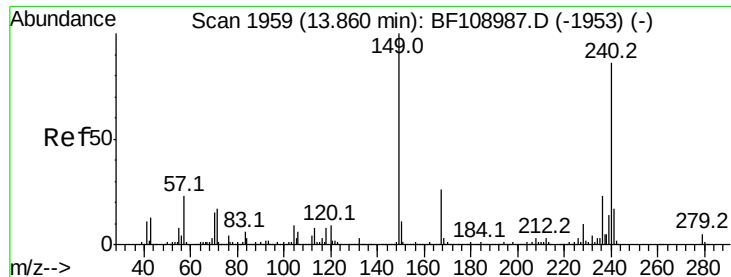
94 11.2 8.5 12.7

80 11.3 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# 1958

Delta R.T. -0.01 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

Instrument :

BNA_F

ClientSampleId :

26kV

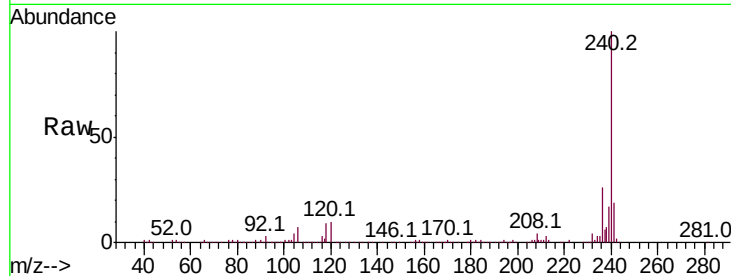
Tot Ion:240 Resp: 344457

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

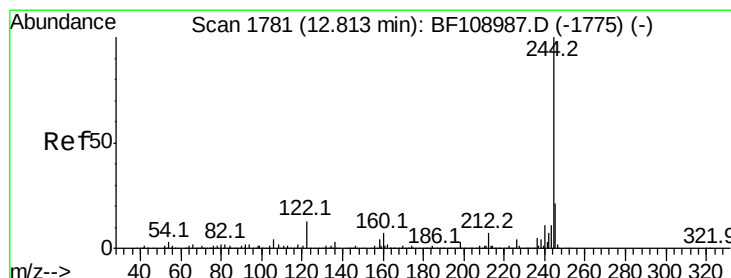
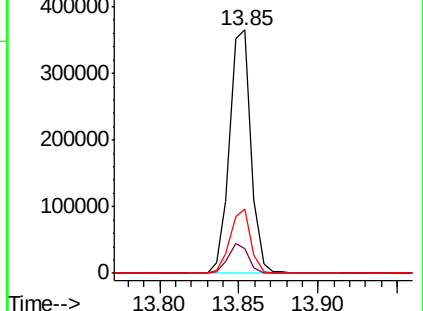
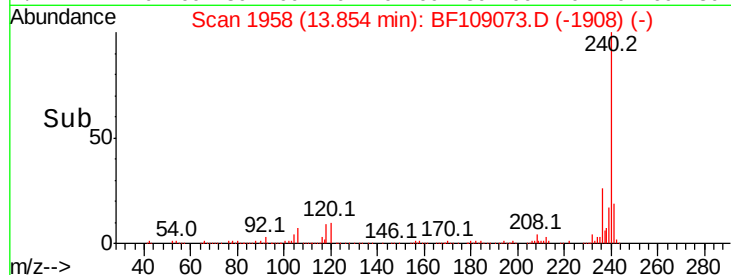
236 26.3 20.7 31.1



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: 77.243 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109073.D

Acq: 18 Sep 2018 3:33

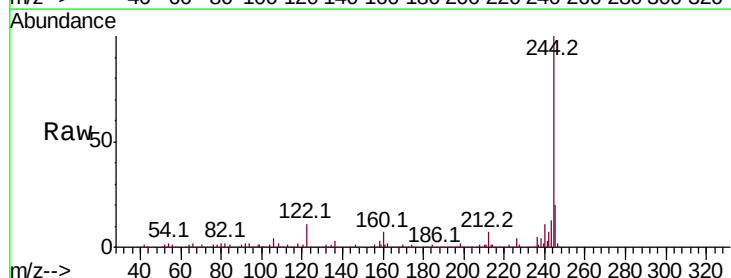
Tgt Ion:244 Resp: 1122524

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

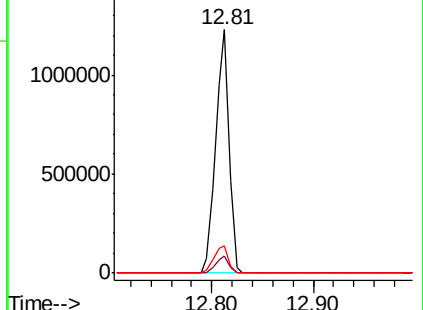
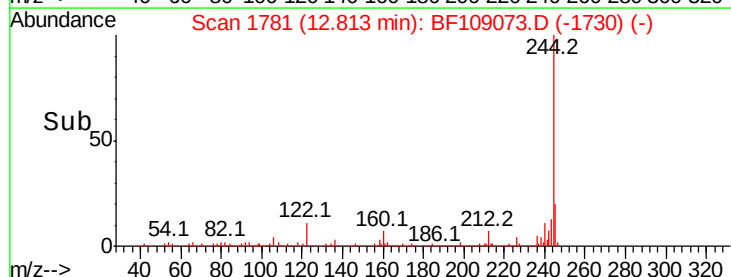
122 11.0 11.0 16.4

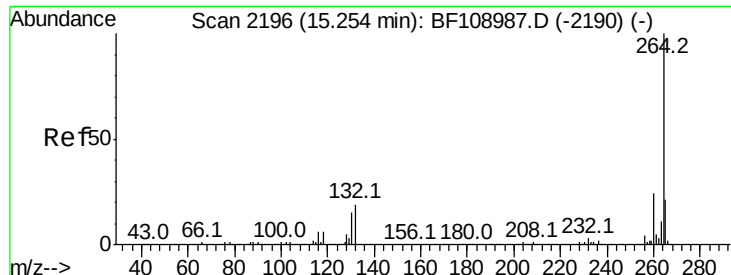


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2196
Delta R.T. -0.00 min
Lab File: BF109073.D
Acq: 18 Sep 2018 3:33

Instrument :
BNA_F
ClientSampleId :
26kV

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3

