

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109074.D
 Acq On : 18 Sep 2018 4:00
 Operator : JU/SJ
 Sample : J4943-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Quant Time: Sep 18 06:02:03 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

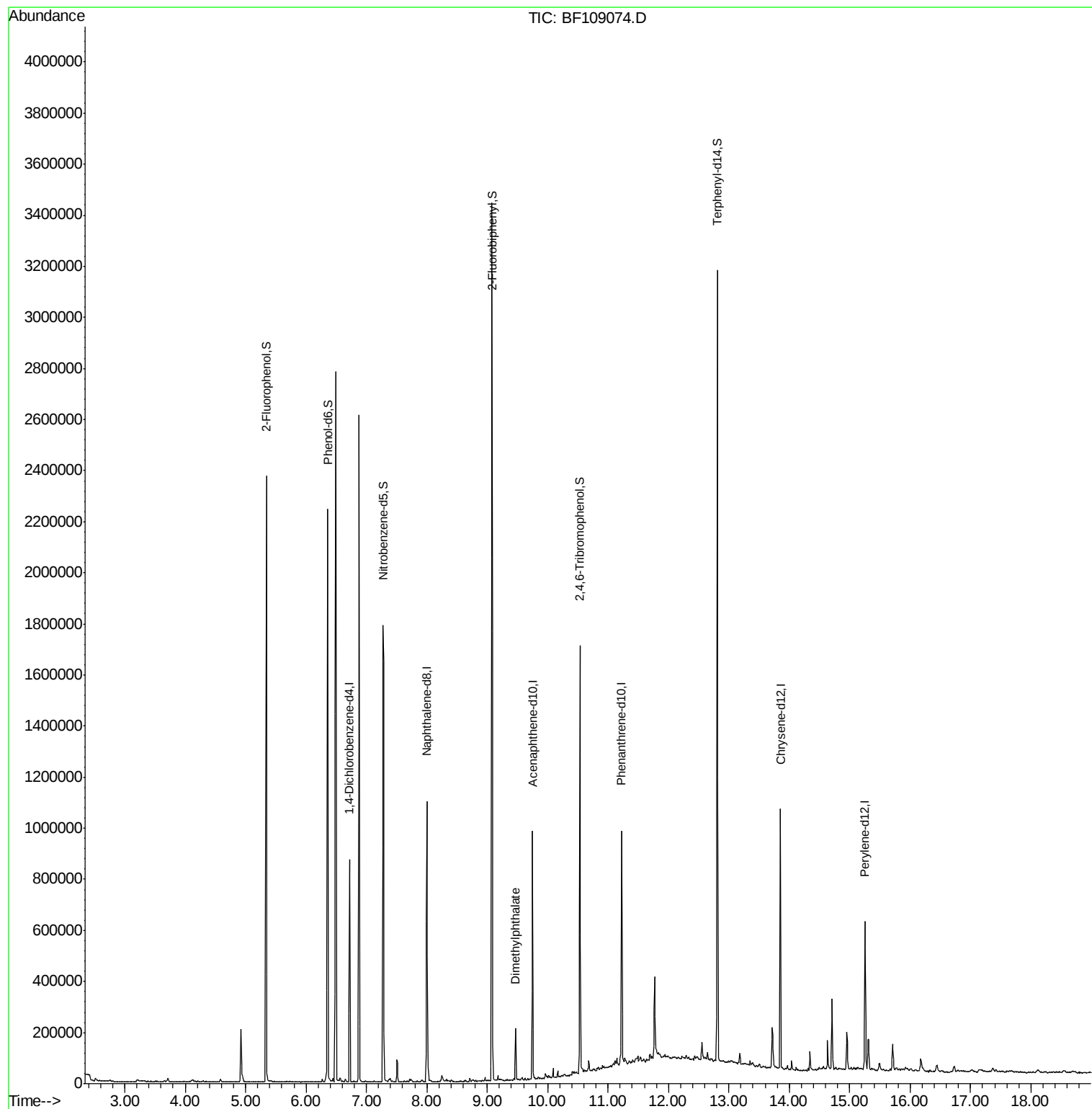
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128414	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	428288	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	177802	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	338067	20.00	ng	0.00
75) Chrysene-d12	13.85	240	346114	20.00	ng	0.00
86) Perylene-d12	15.25	264	245131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	723888	93.63	ng	0.02
7) Phenol-d6	6.36	99	795569	79.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	607942	79.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	208571	108.09	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	987670	87.03	ng	0.00
78) Terphenyl-d14	12.81	244	1026694	70.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	80727	6.352	ng	Qvalue # 99

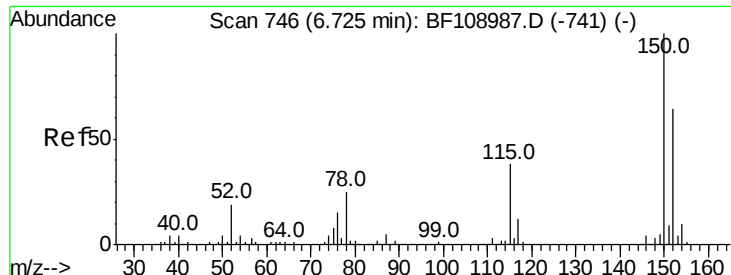
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

RBR200051

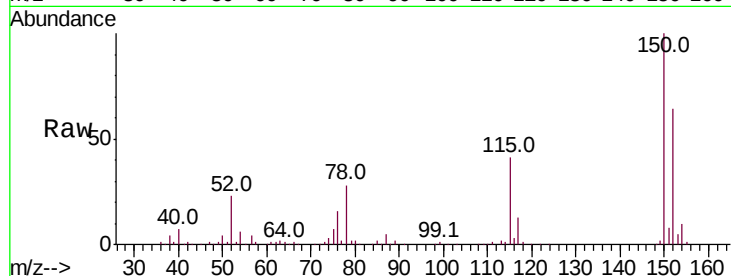
Tot Ion:152 Resp: 128414

Ion Ratio Lower Upper

152 100

150 156.9 124.6 186.8

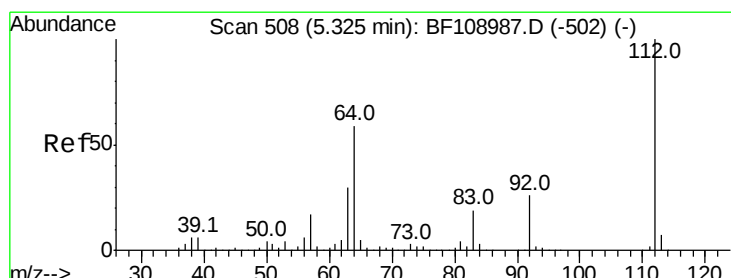
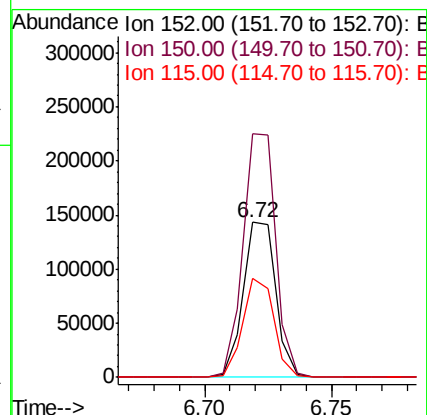
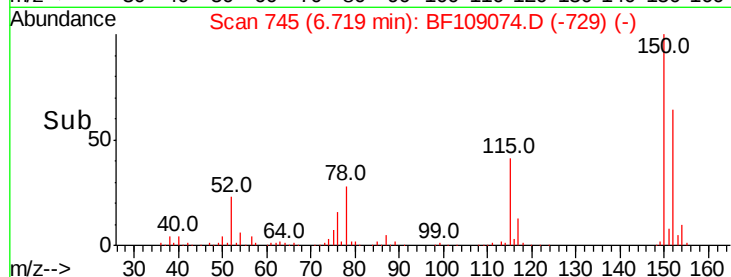
115 64.2 50.1 75.1



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: 93.626 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

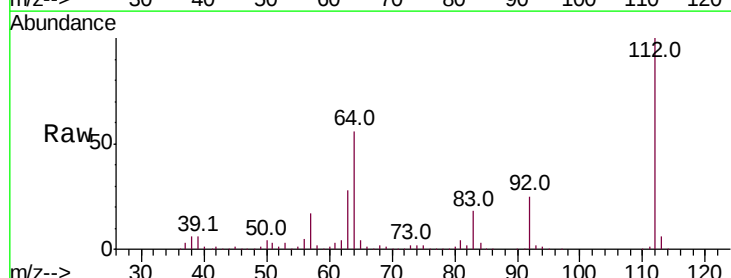
Tgt Ion:112 Resp: 723888

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

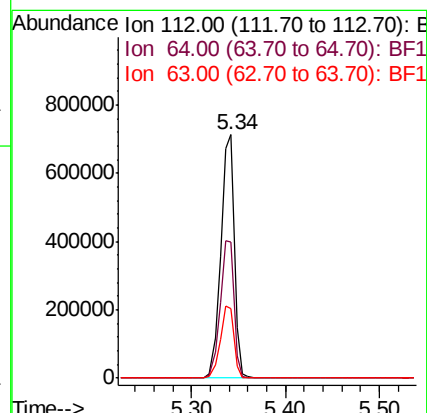
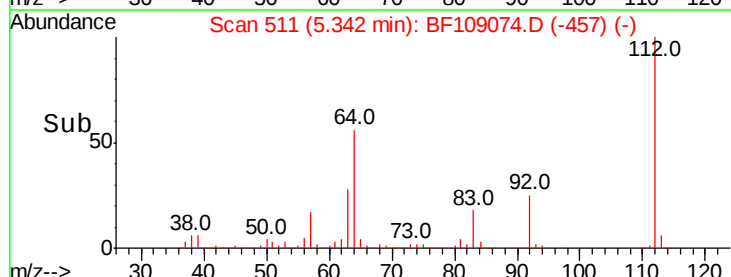
63 28.5 23.7 35.5



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: 79.799 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampled :

RBR200051

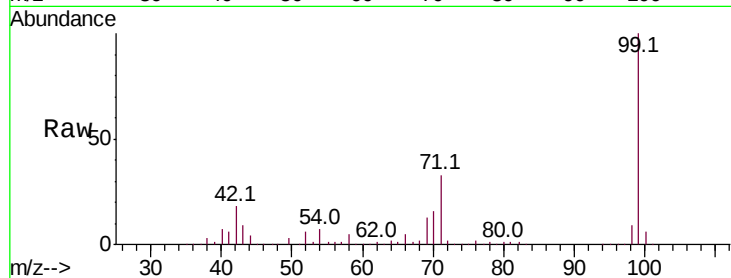
Tot Ion: 99 Resp: 795569

Ion Ratio Lower Upper

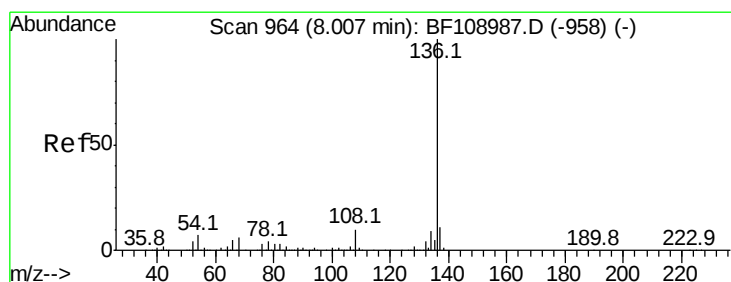
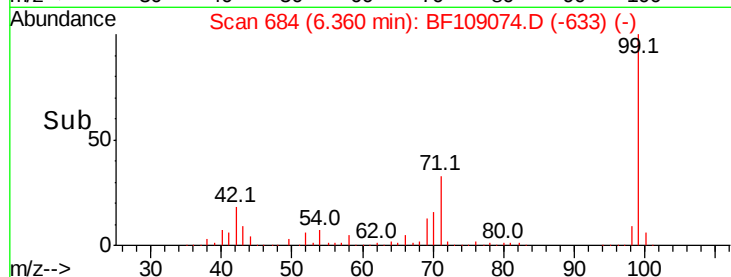
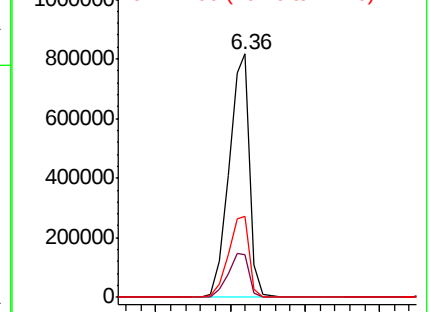
99 100

42 17.6 14.5 21.7

71 33.1 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: BF109074.D

Acq: 18 Sep 2018 4:00

Tgt Ion: 136 Resp: 428288

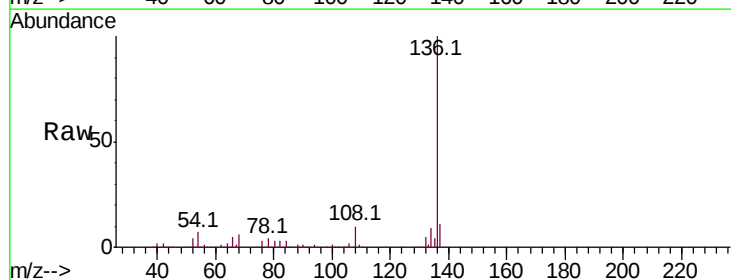
Ion Ratio Lower Upper

136 100

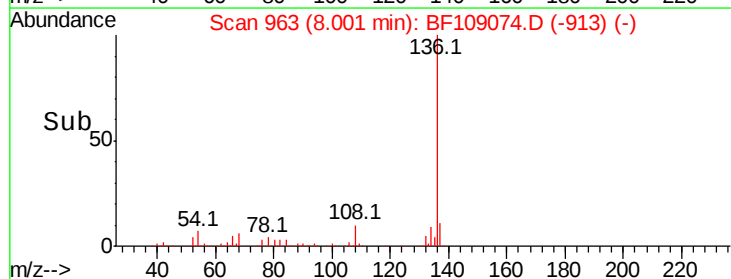
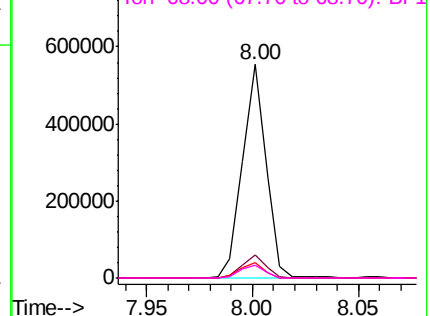
137 10.6 8.9 13.3

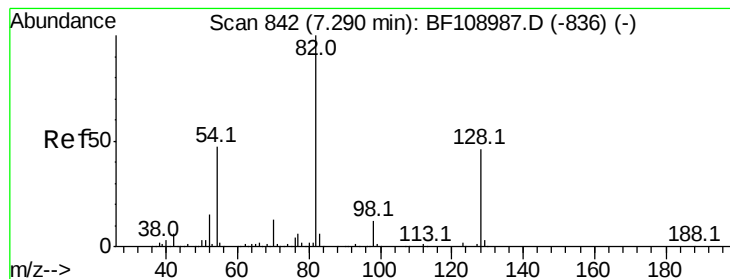
54 7.4 6.6 9.8

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: 79.616 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampled :

RBR200051

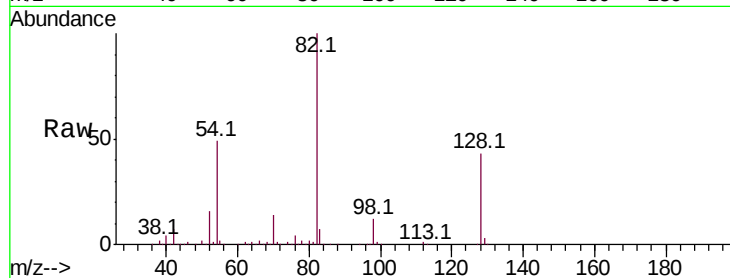
Tot Ion: 82 Resp: 607942

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

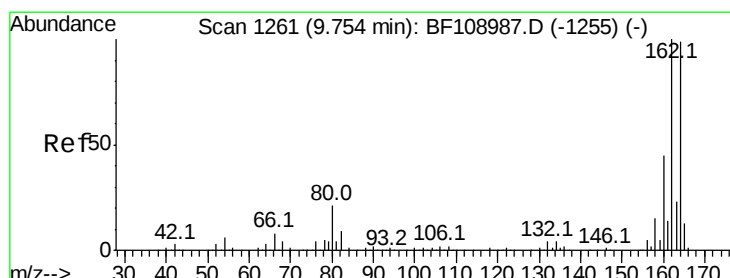
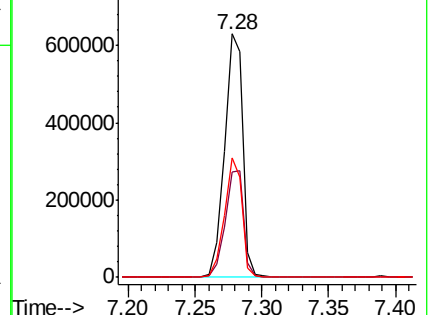
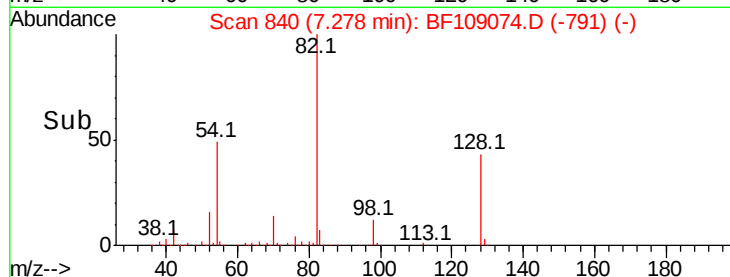
54 48.8 41.4 62.2



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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

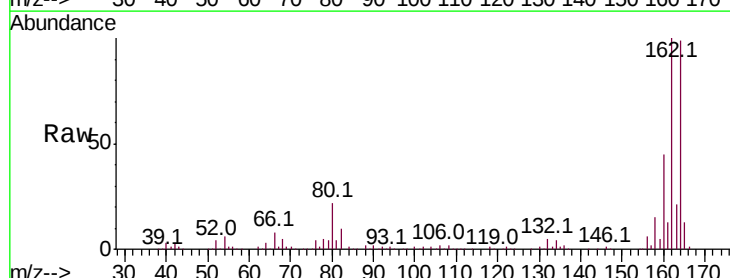
Tgt Ion: 164 Resp: 177802

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

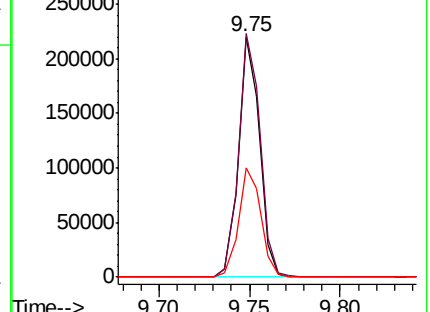
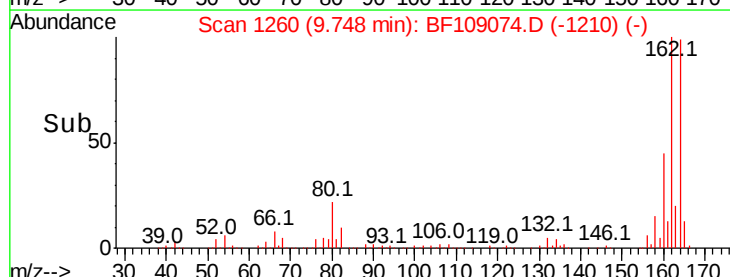
160 45.5 38.3 57.5

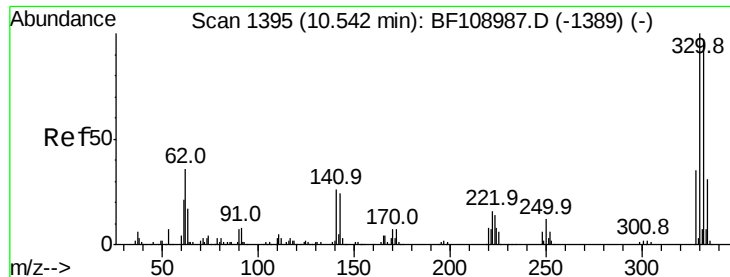


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

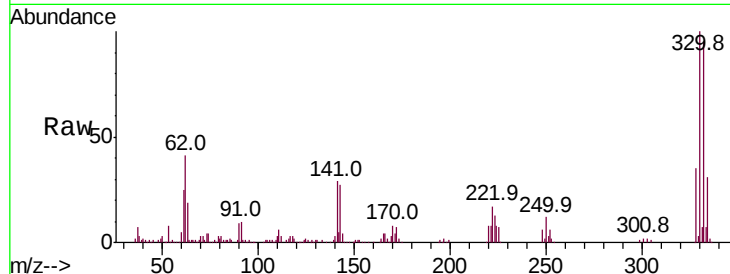




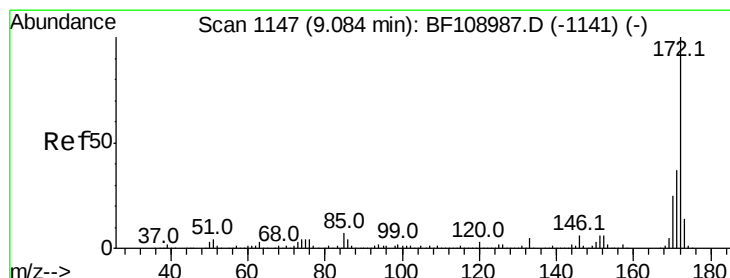
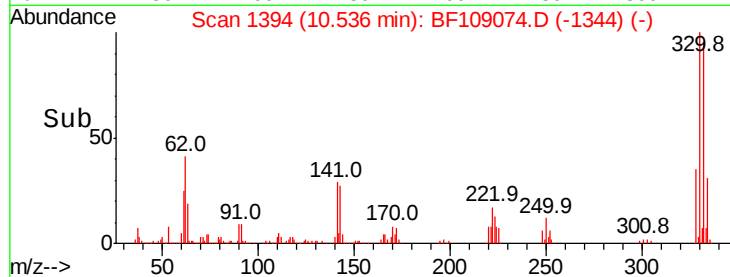
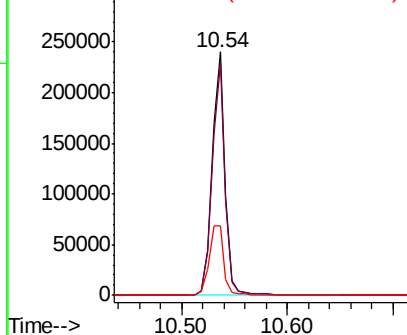
#41
 2,4,6-Tribromophenol
 Concen: 108.089 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109074.D
 Acq: 18 Sep 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Tot Ion:330 Resp: 208571
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 32.9 29.9 44.9

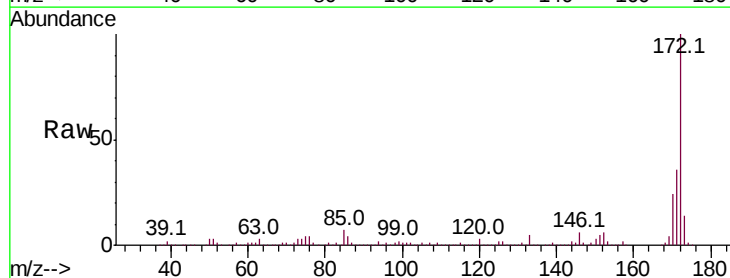


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

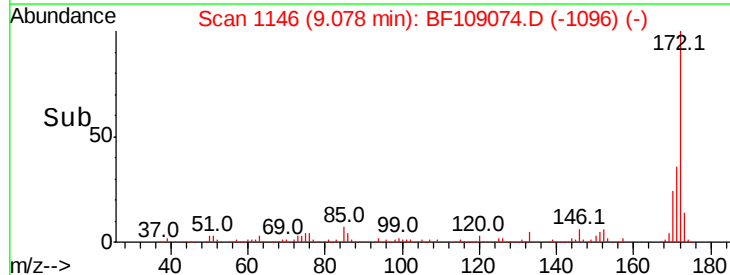
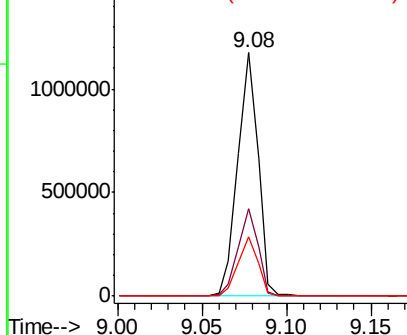


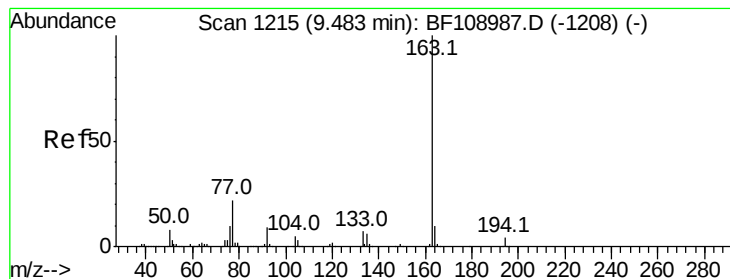
#44
 2-Fluorobiphenyl
 Concen: 87.030 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109074.D
 Acq: 18 Sep 2018 4:00

Tgt Ion:172 Resp: 987670
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.2 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: 6.352 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

RBR200051

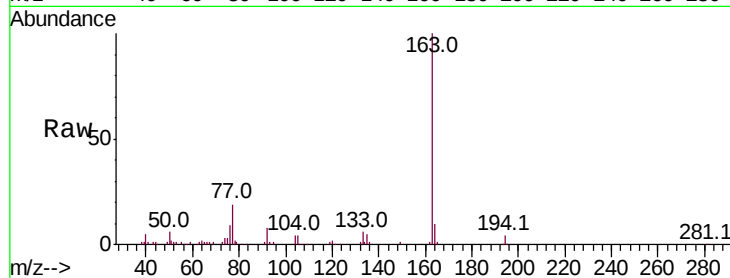
Tot Ion:163 Resp: 80727

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 10.3 8.2 12.2

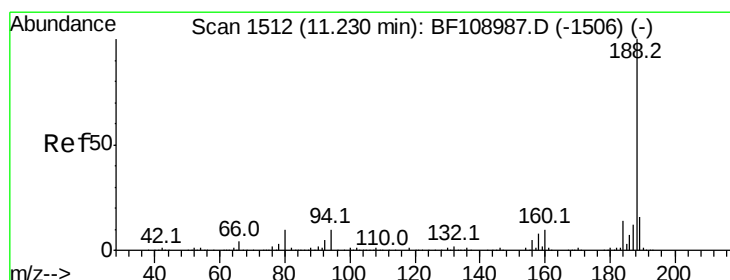
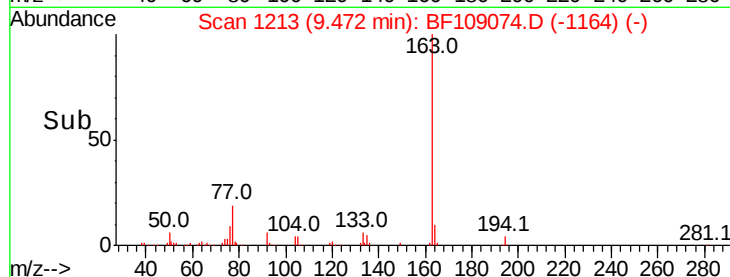
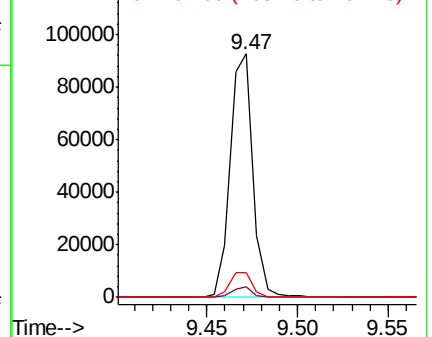


Abundance

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: BF109074.D

Acq: 18 Sep 2018 4:00

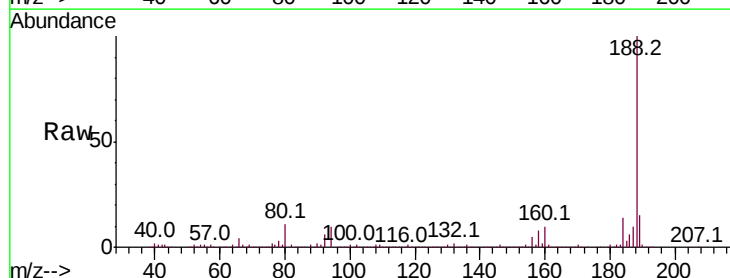
Tgt Ion:188 Resp: 338067

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 11.3 9.2 13.8

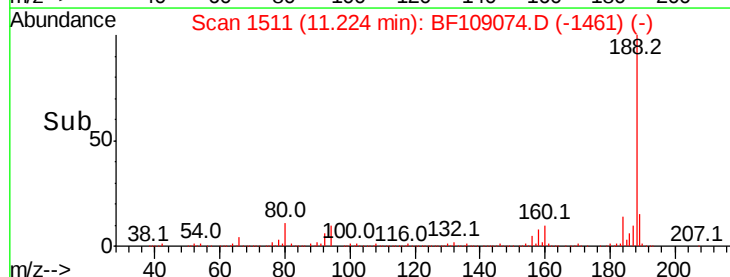
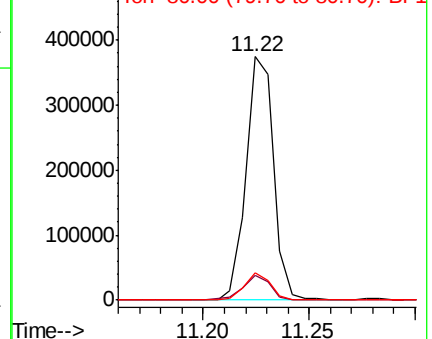


Abundance

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: BF109074.D

Acq: 18 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

RBR200051

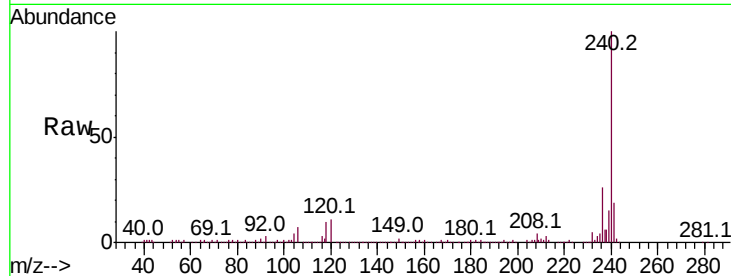
Tot Ion:240 Resp: 346114

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

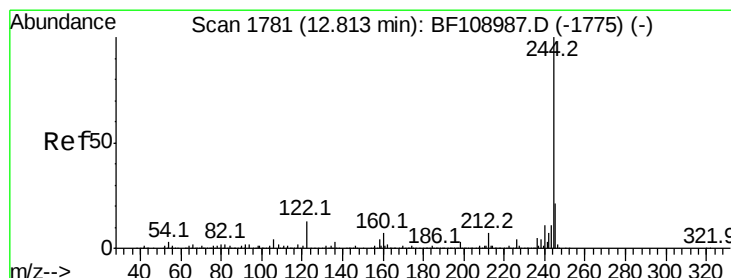
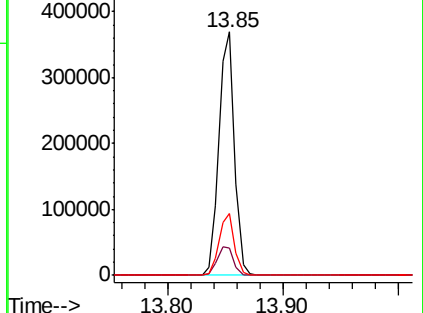
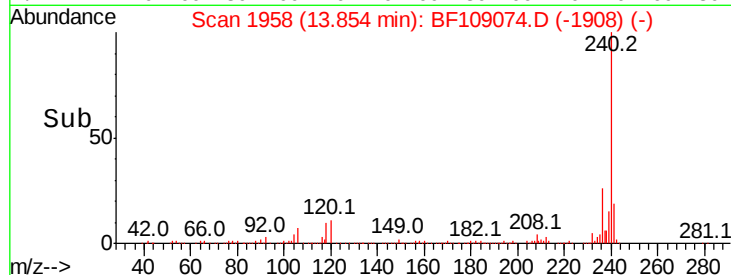
236 25.7 20.7 31.1



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: 70.310 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109074.D

Acq: 18 Sep 2018 4:00

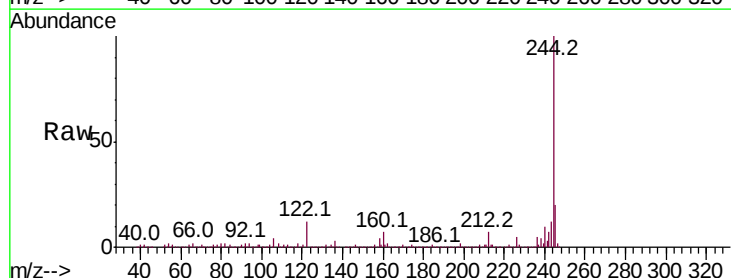
Tgt Ion:244 Resp: 1026694

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

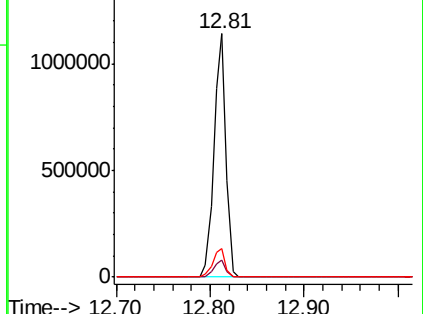
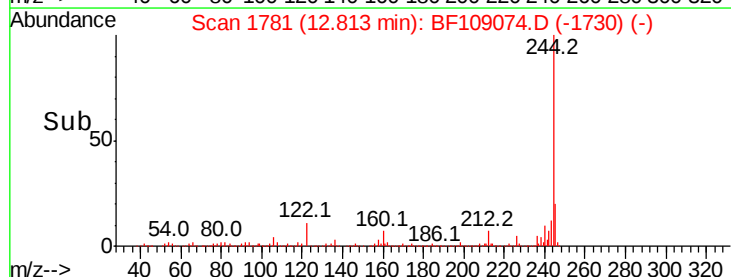
122 11.5 11.0 16.4

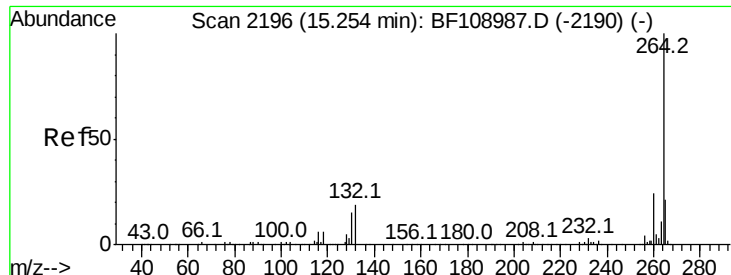


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109074.D
Acq: 18 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion: 264 Resp: 245131

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	17.5	26.3

