

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102370.D
 Acq On : 24 Jan 2018 4:03
 Operator : SJ/JU
 Sample : J1249-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-7(0-2)

Quant Time: Jan 24 06:23:39 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

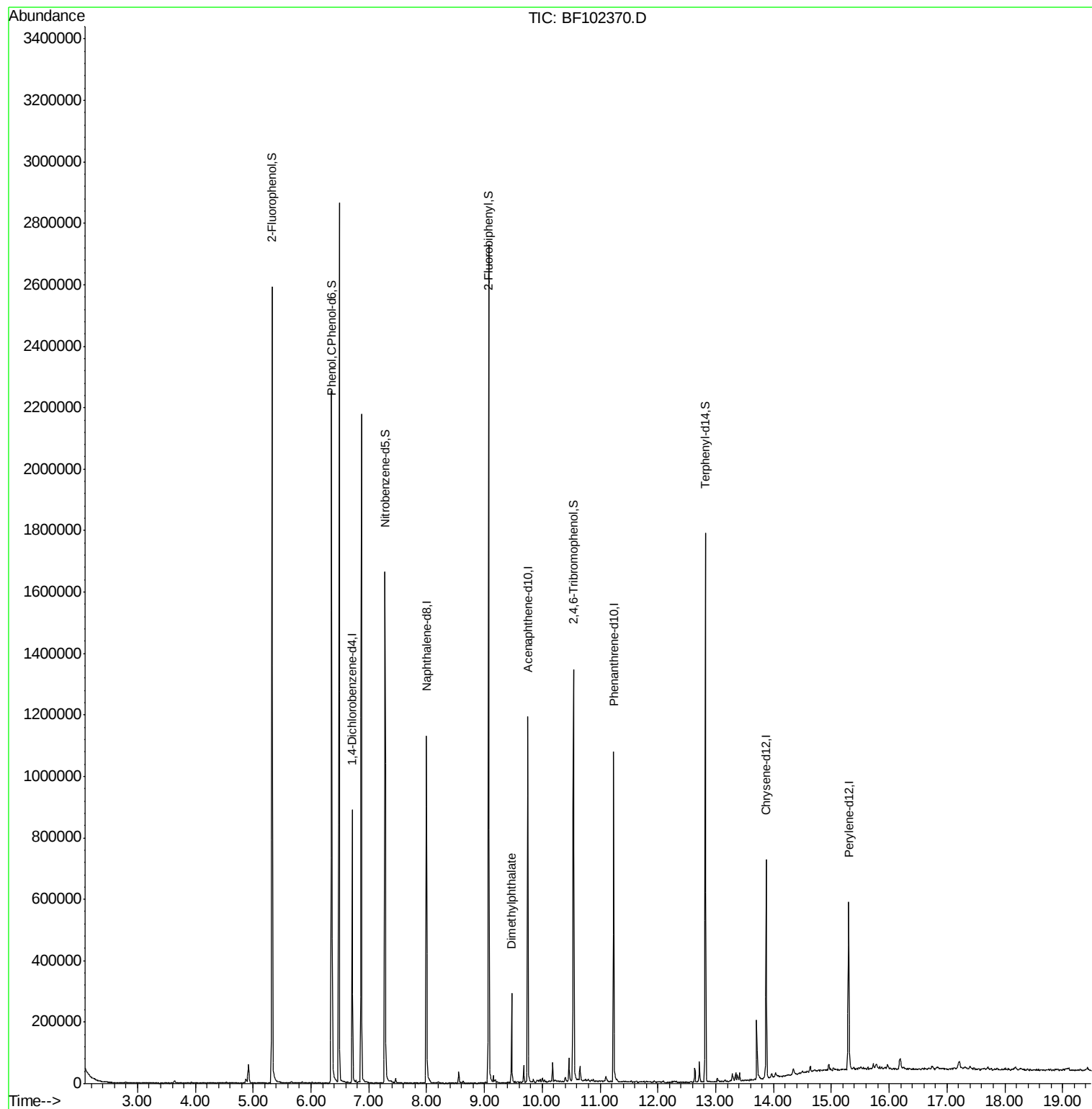
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128645	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	536309	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233378	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	368826	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255395	20.00	ng	0.00
86) Perylene-d12	15.30	264	225736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	753291	88.79	ng	0.00
7) Phenol-d6	6.36	99	911800	89.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	544579	58.35	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	145424	62.89	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	859414	54.15	ng	0.00
78) Terphenyl-d14	12.82	244	566232	49.98	ng	0.00
Target Compounds						
10) Phenol	6.37	94	46628	4.176	ng	94
49) Dimethylphthalate	9.47	163	110520	5.729	ng	99

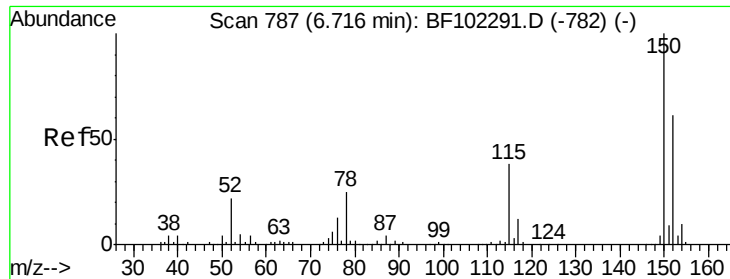
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampleId :

AB-7(0-2)

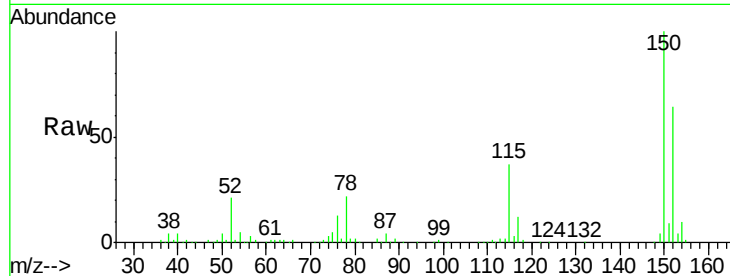
Tgt Ion:152 Resp: 128645

Ion Ratio Lower Upper

152 100

150 155.2 124.6 186.8

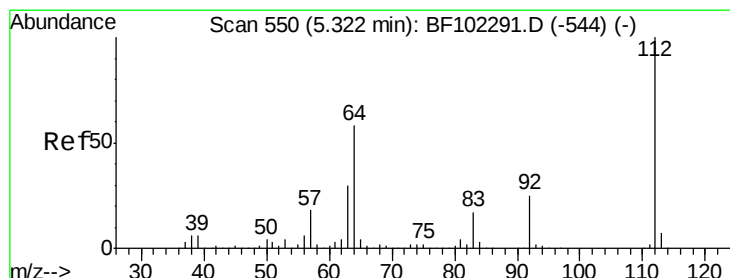
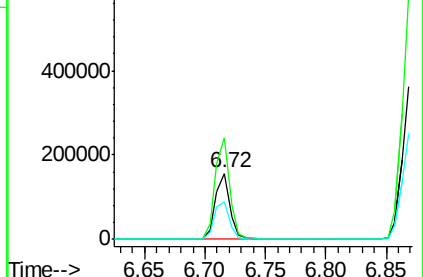
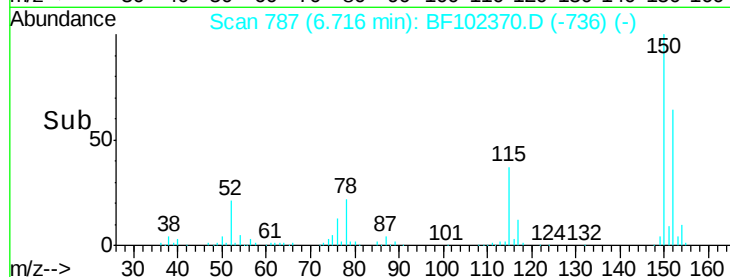
115 57.9 50.1 75.1



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: 88.786 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

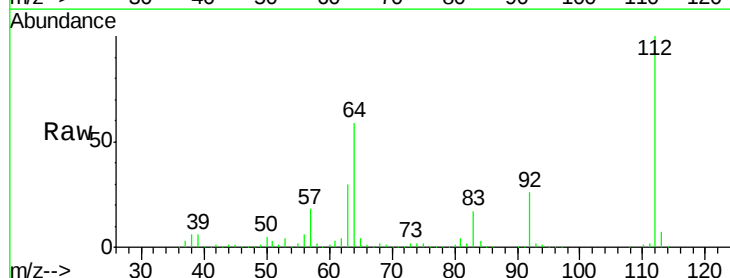
Tgt Ion:112 Resp: 753291

Ion Ratio Lower Upper

112 100

64 59.0 47.9 71.9

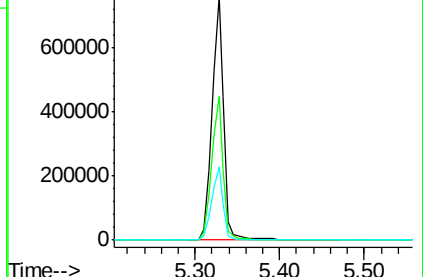
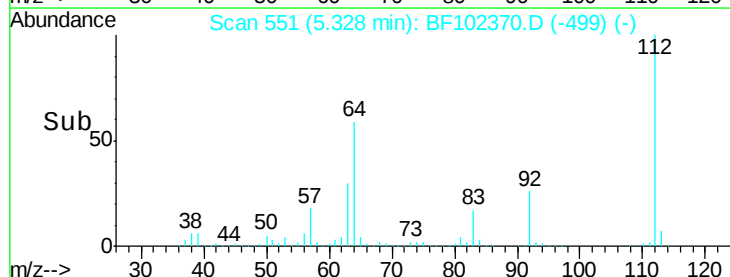
63 30.1 23.7 35.5

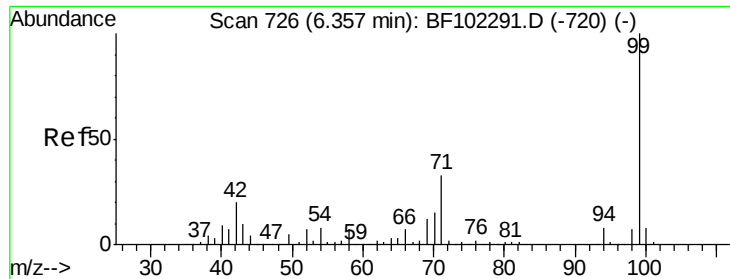


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.142 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampleId :

AB-7(0-2)

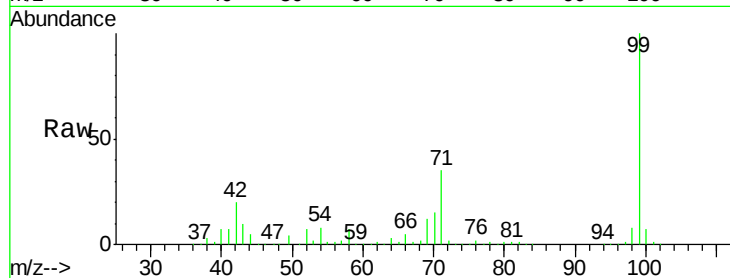
Tgt Ion: 99 Resp: 911800

Ion Ratio Lower Upper

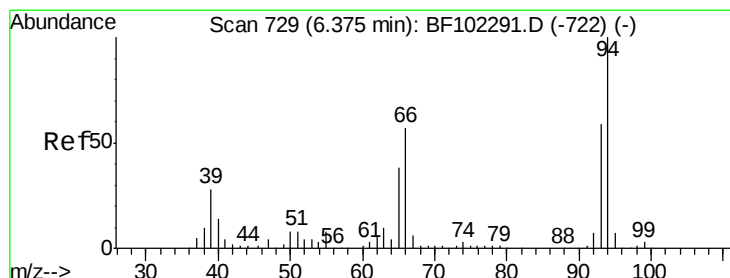
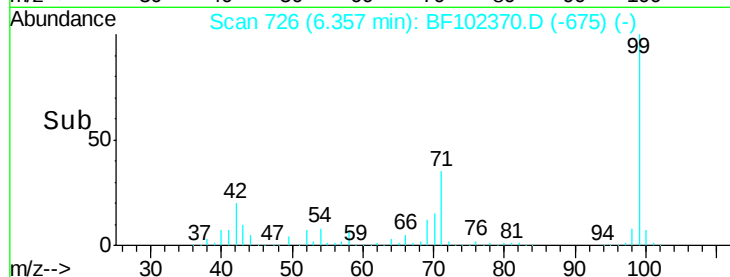
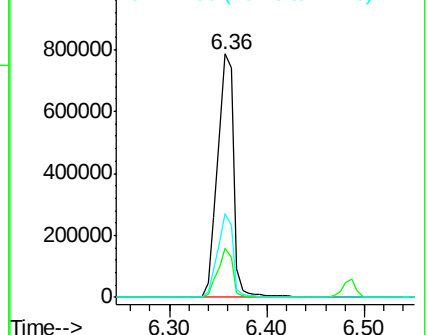
99 100

42 20.1 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



#10

Phenol

Concen: 4.176 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

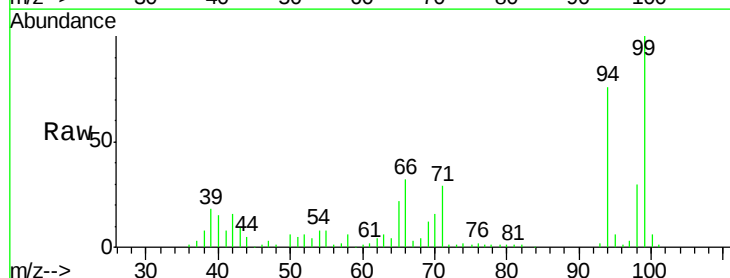
Tgt Ion: 94 Resp: 46628

Ion Ratio Lower Upper

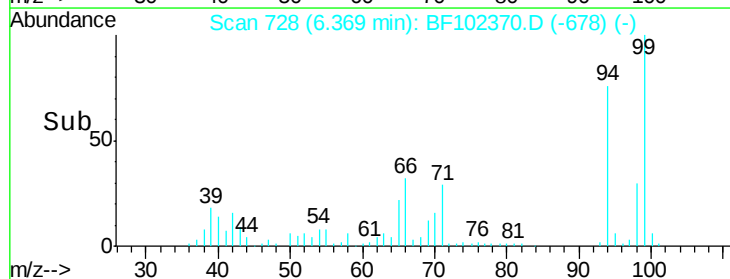
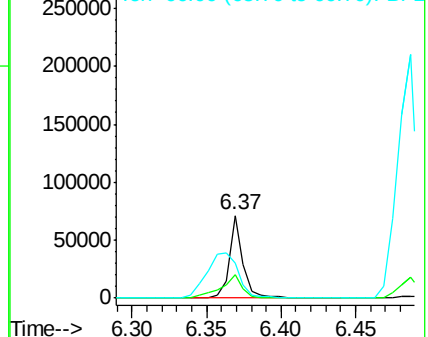
94 100

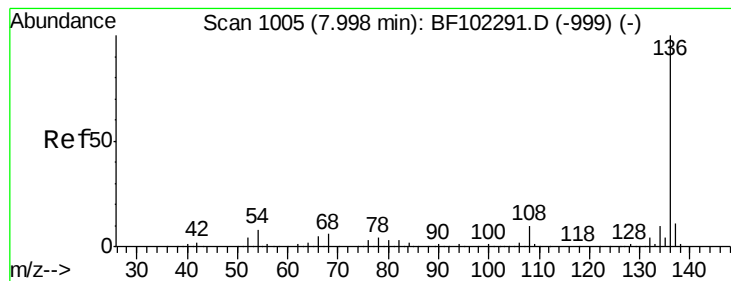
65 28.5 7.9 47.9

66 42.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampleId :

AB-7(0-2)

Tgt Ion: 136 Resp: 536309

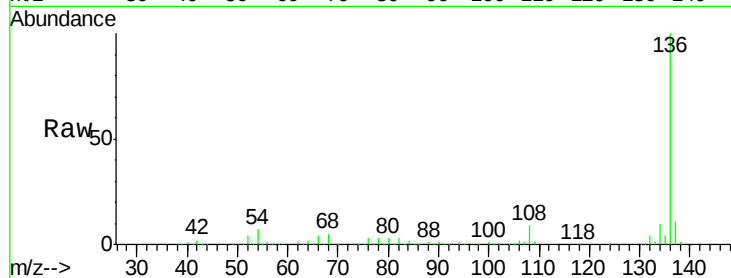
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 5.3 5.0 7.4

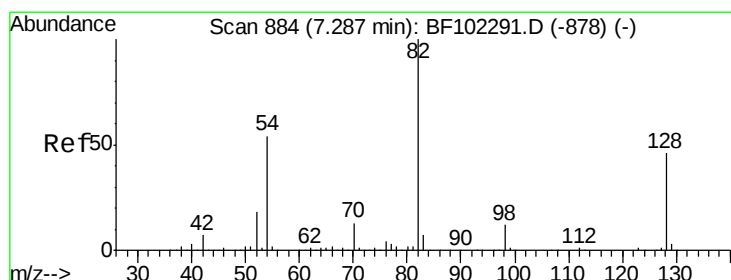
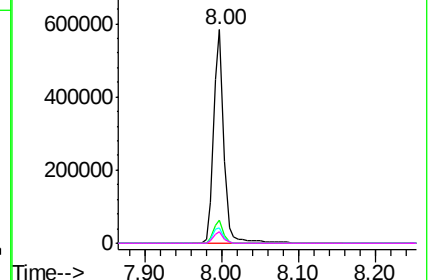
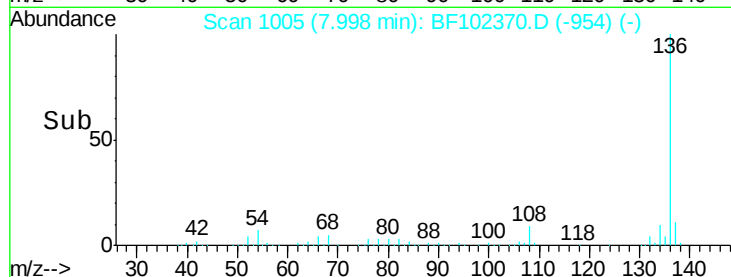


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.353 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

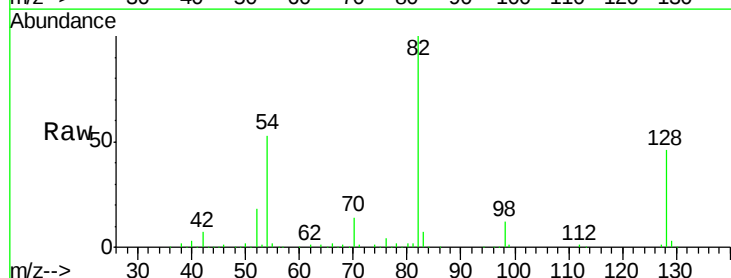
Tgt Ion: 82 Resp: 544579

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

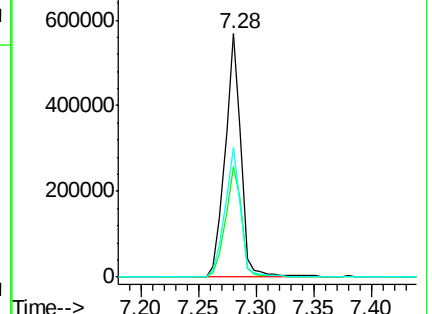
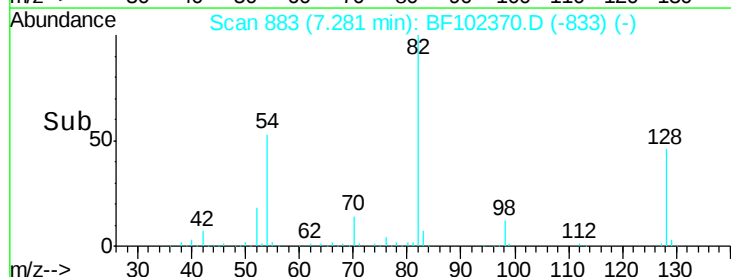
54 53.4 41.4 62.2

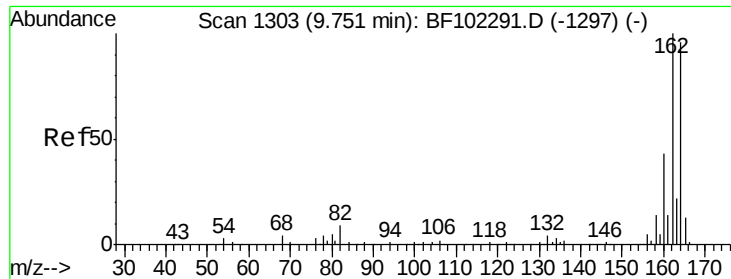


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

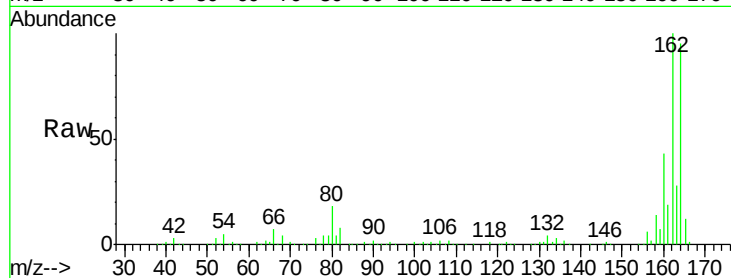




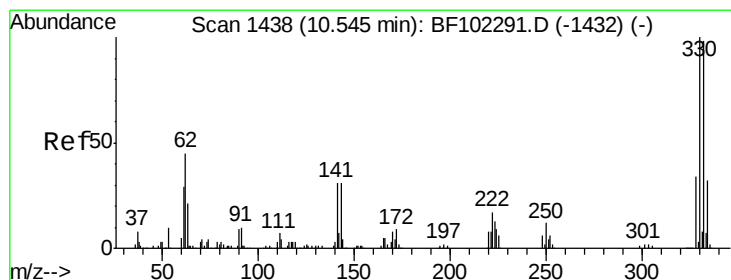
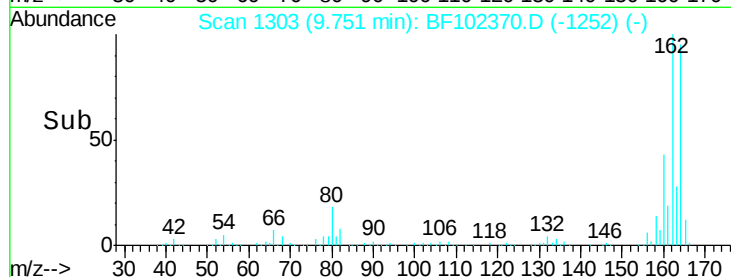
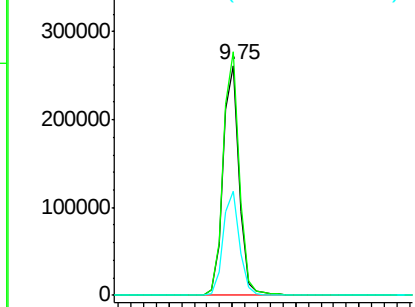
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :
 AB-7(0-2)

Tgt Ion:164 Resp: 233378
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 45.0 38.3 57.5

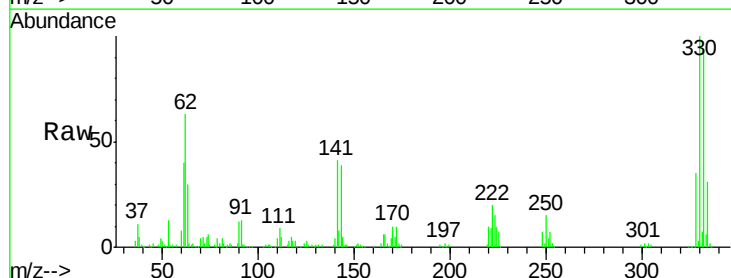


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

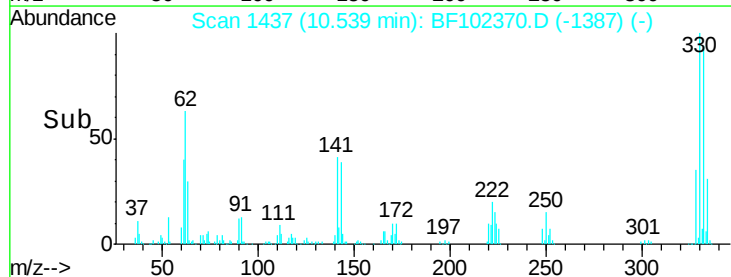
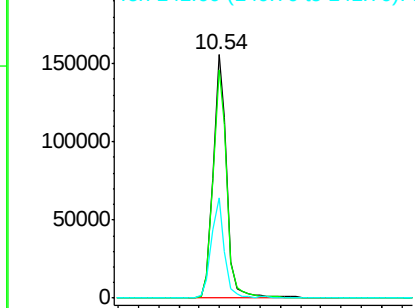


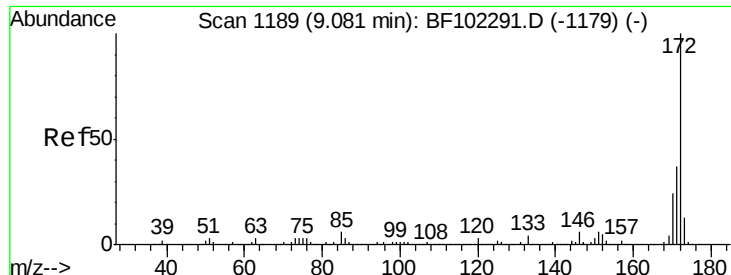
#41
 2,4,6-Tribromophenol
 Concen: 62.888 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Tgt Ion:330 Resp: 145424
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 40.1 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

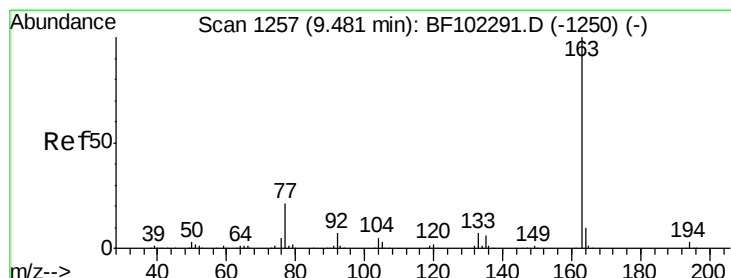
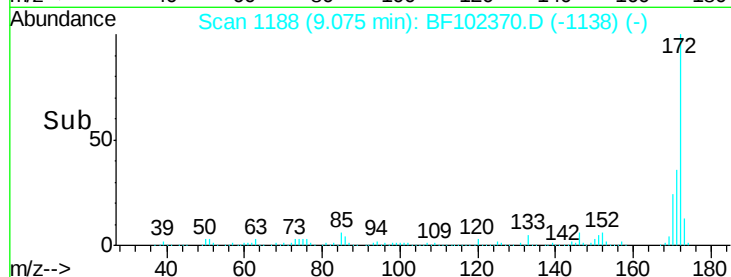
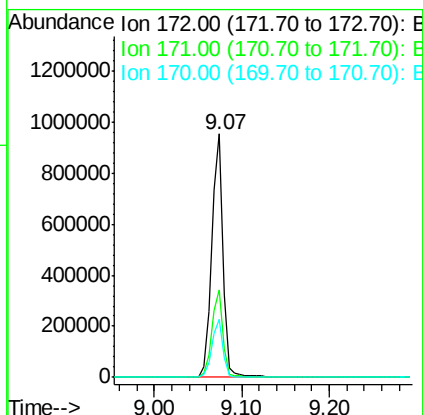
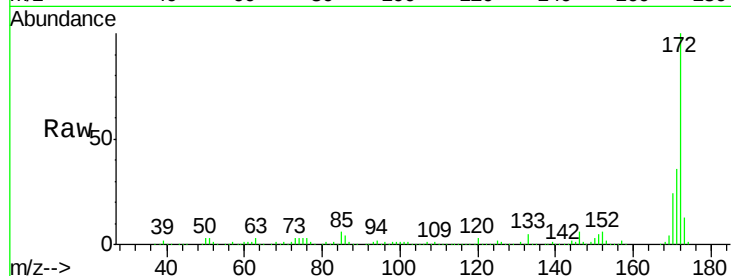




#44
2-Fluorobiphenyl
Concen: 54.146 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102370.D
Acq: 24 Jan 2018 4:03

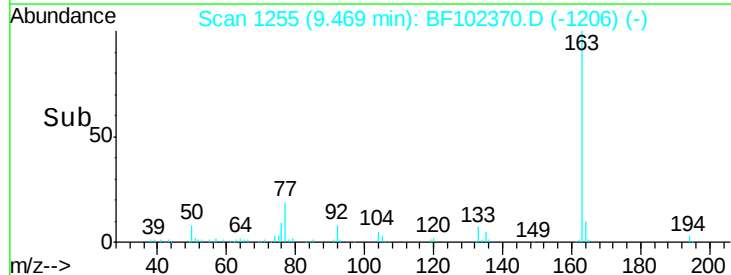
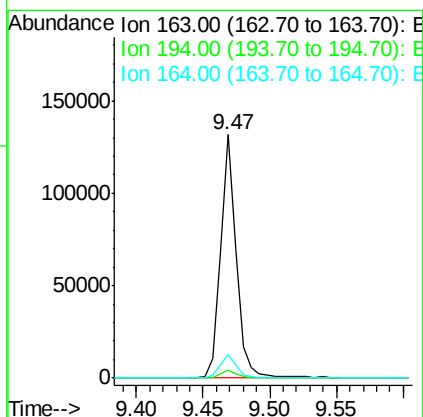
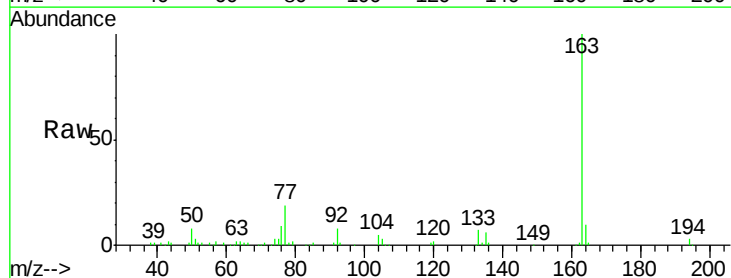
Instrument :
BNA_F
ClientSampleId :
AB-7(0-2)

Tgt Ion:172 Resp: 859414
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 5.729 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102370.D
Acq: 24 Jan 2018 4:03

Tgt Ion:163 Resp: 110520
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

Instrument :

BNA_F

ClientSampleId :

AB-7(0-2)

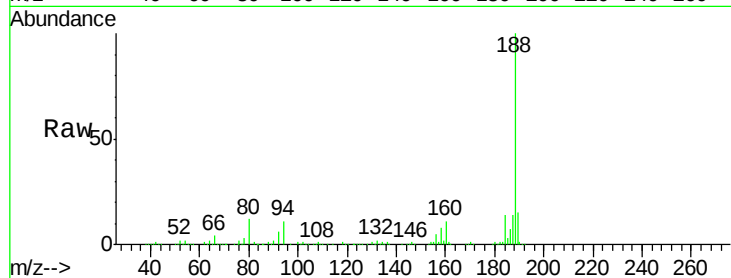
Tgt Ion:188 Resp: 368826

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

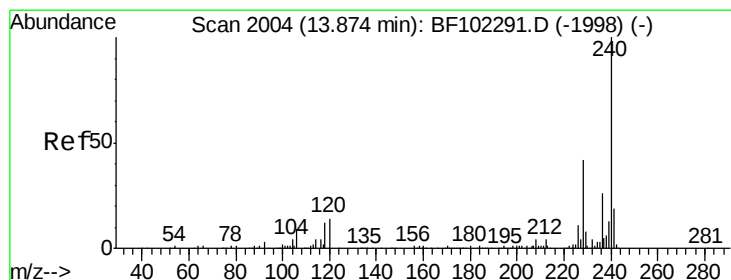
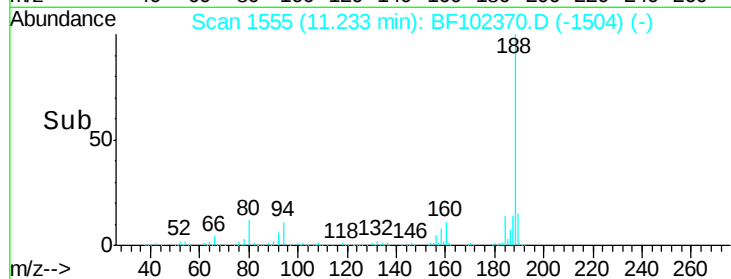
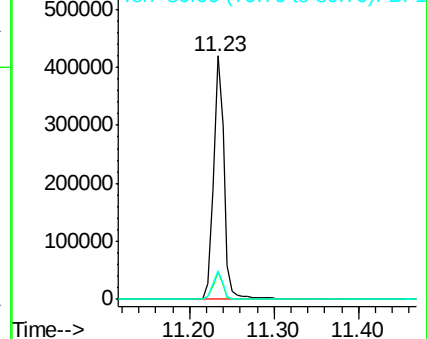
80 11.9 9.2 13.8



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: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102370.D

Acq: 24 Jan 2018 4:03

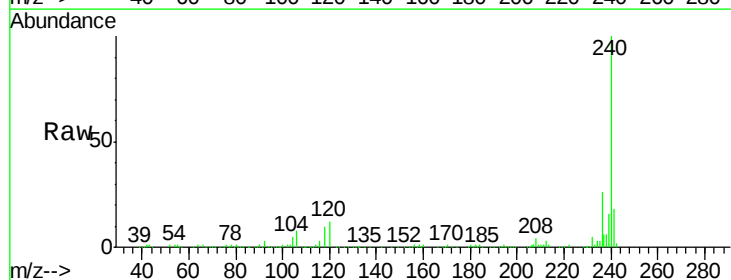
Tgt Ion:240 Resp: 255395

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

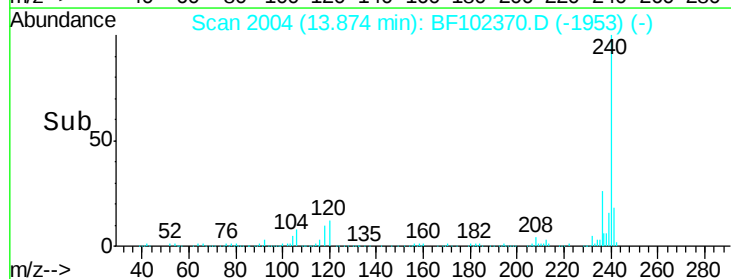
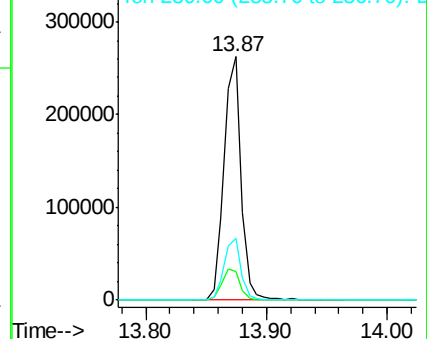
236 25.5 20.7 31.1

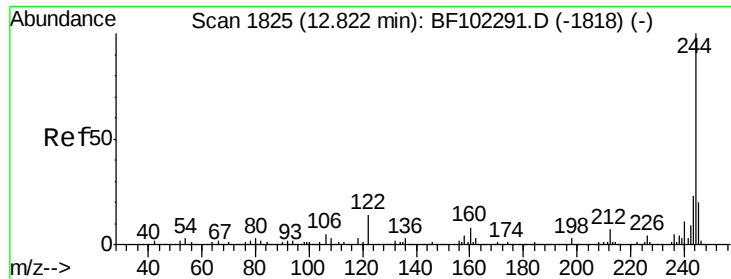


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

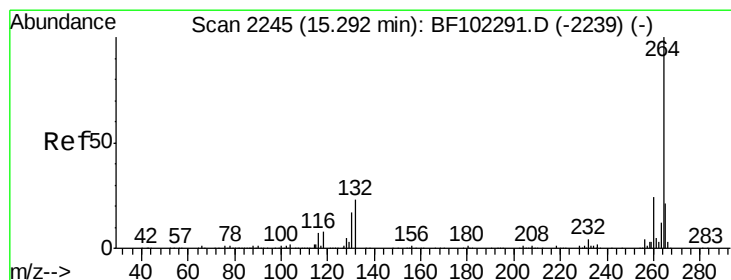
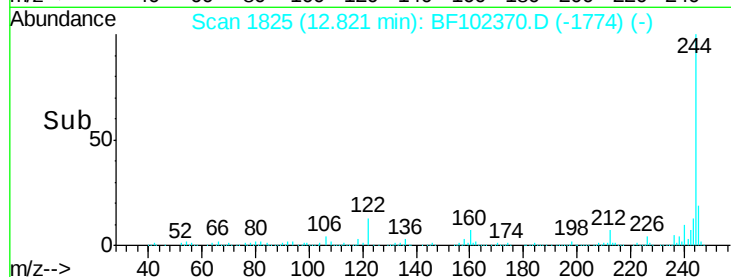
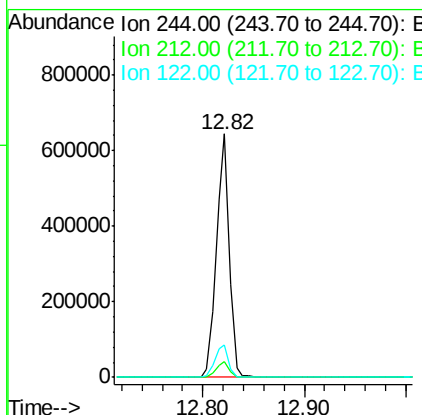
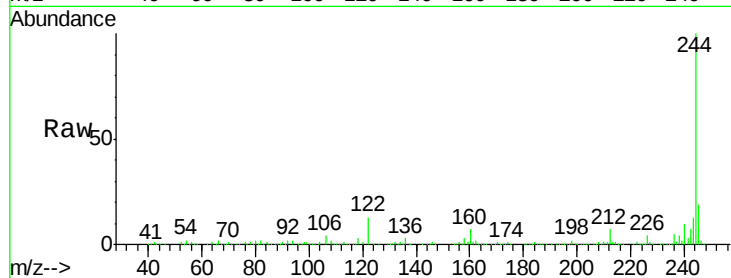




#78
 Terphenyl-d14
 Concen: 49.981 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :
 AB-7(0-2)

Tgt Ion: 244 Resp: 566232
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102370.D
 Acq: 24 Jan 2018 4:03

Tgt Ion: 264 Resp: 225736
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 17.5 26.3

