

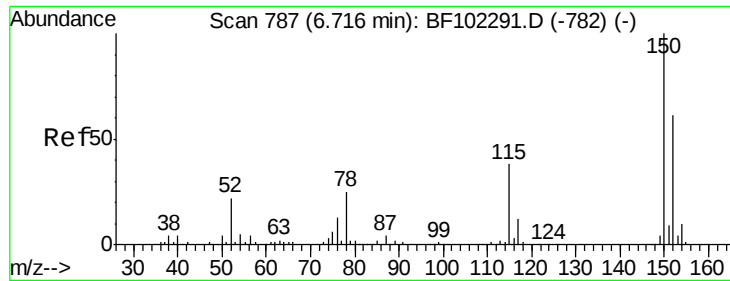
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102609.D
 Acq On : 29 Jan 2018 20:49
 Operator : SJ/JU
 Sample : J1344-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-4-EW-(7-8)

Quant Time: Jan 30 02:24:37 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	171310	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	741599	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	337646	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	588687	20.00	ng	0.00
75) Chrysene-d12	13.88	240	419471	20.00	ng	0.00
86) Perylene-d12	15.31	264	338789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1272332	112.61	ng	0.01
7) Phenol-d6	6.36	99	1582081	116.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	986239	76.42	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	303442	90.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1607122	69.99	ng	0.00
78) Terphenyl-d14	12.82	244	1416428	76.12	ng	0.00
Target Compounds						
10) Phenol	6.37	94	39163	2.634	ng	87
49) Dimethylphthalate	9.47	163	248665	8.910	ng	99

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

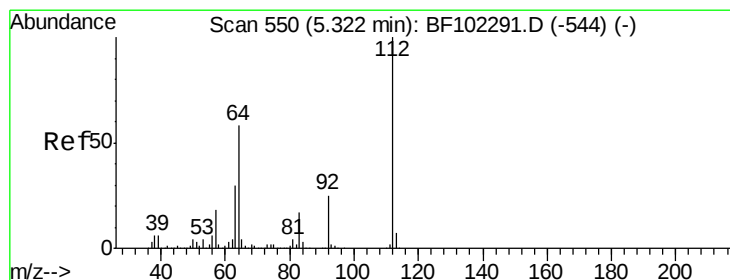
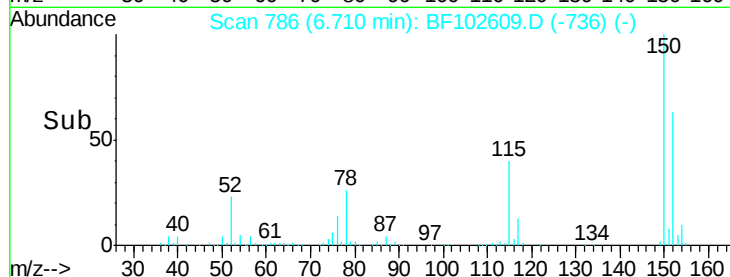
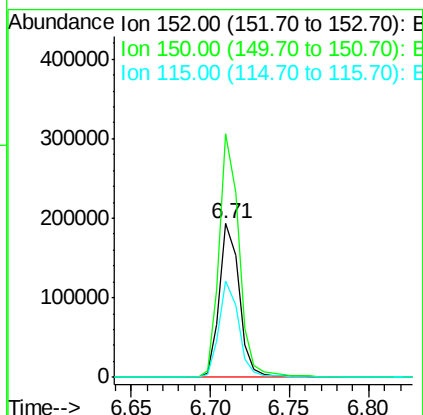
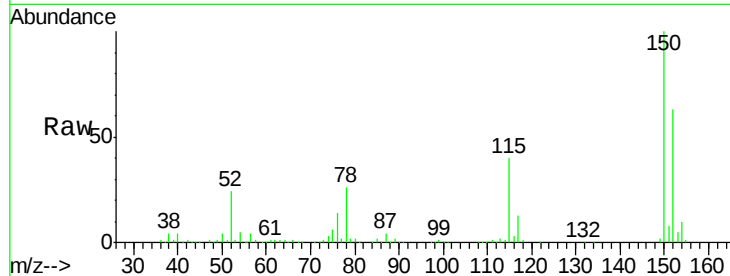


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-4-EW-(7-8)

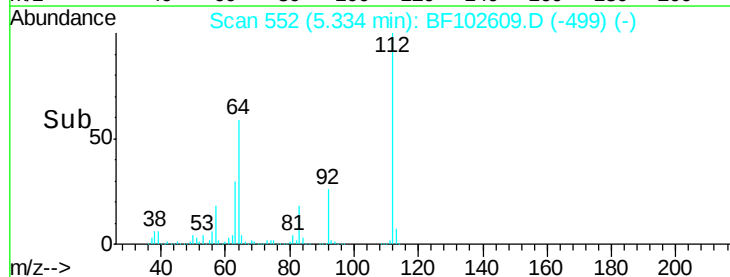
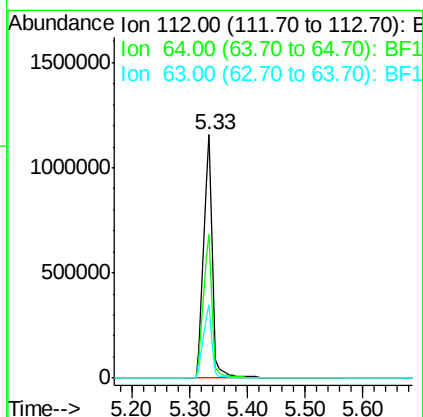
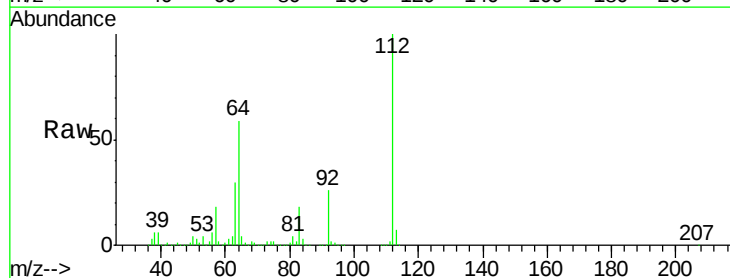
Tgt Ion:152 Resp: 171310
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 63.1 50.1 75.1

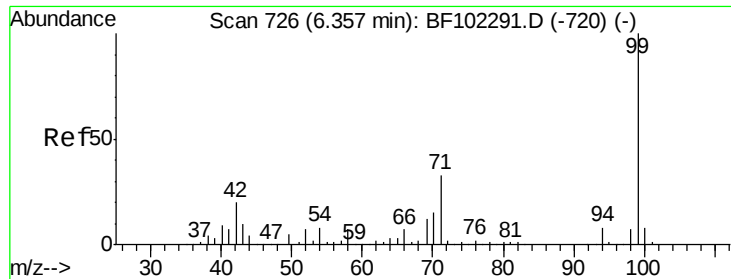


#5

2-Fluorophenol
 Concen: 112.614 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Tgt Ion:112 Resp: 1272332
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 116.150 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-EW-(7-8)

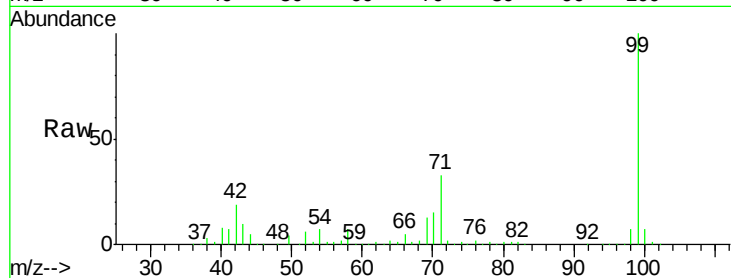
Tgt Ion: 99 Resp: 1582081

Ion Ratio Lower Upper

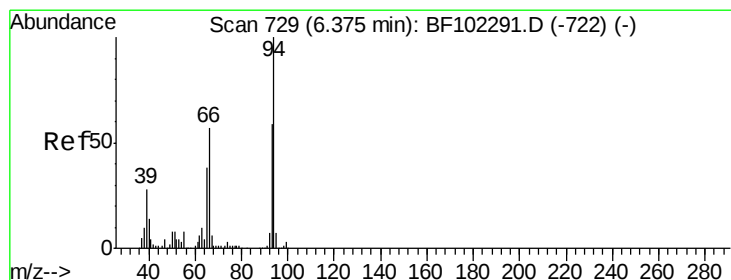
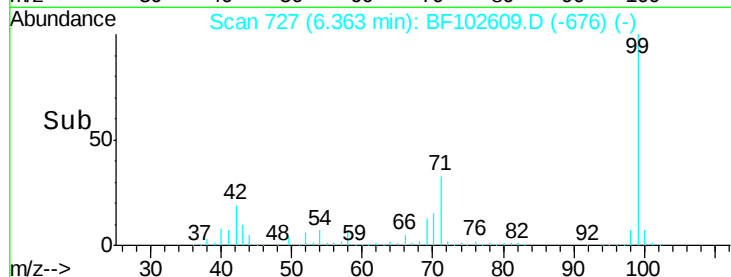
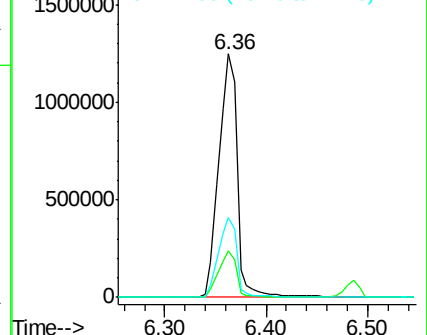
99 100

42 19.0 14.5 21.7

71 32.9 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: 2.634 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

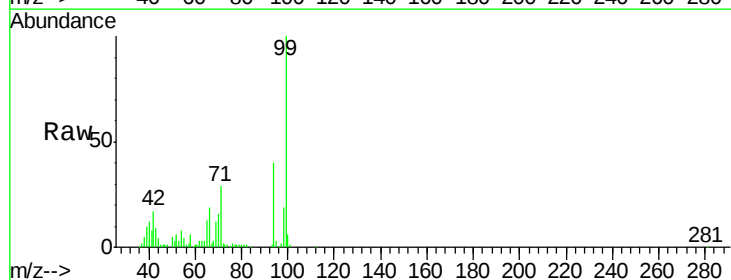
Tgt Ion: 94 Resp: 39163

Ion Ratio Lower Upper

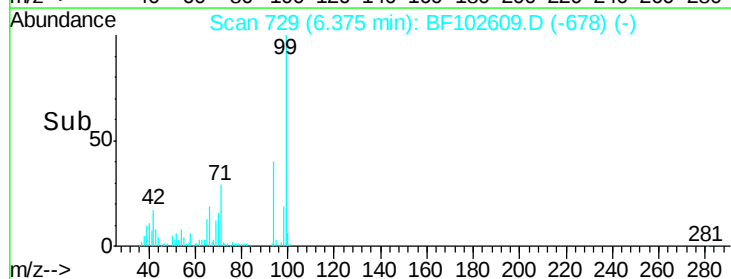
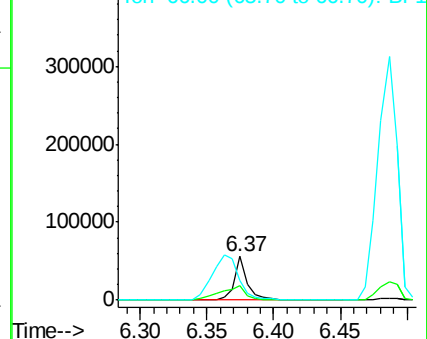
94 100

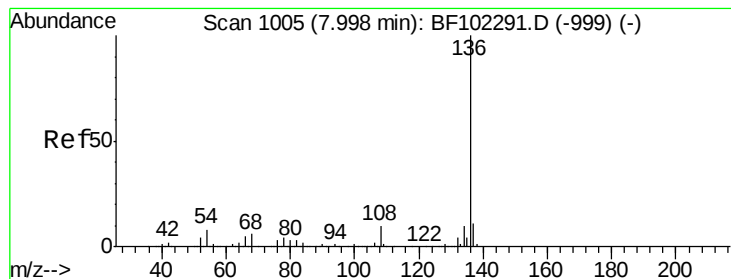
65 32.0 7.9 47.9

66 46.3 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: BF102609.D

Acq: 29 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-EW-(7-8)

Tgt Ion: 136 Resp: 741599

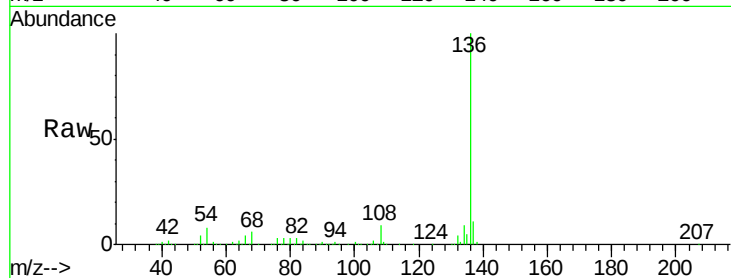
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.6 9.8

68 5.6 5.0 7.4

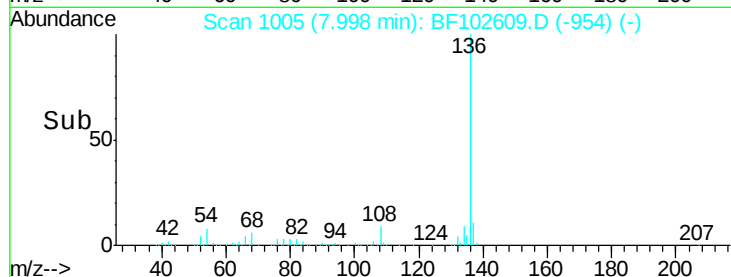


Abundance Ion 136.00 (135.70 to 136.70): E

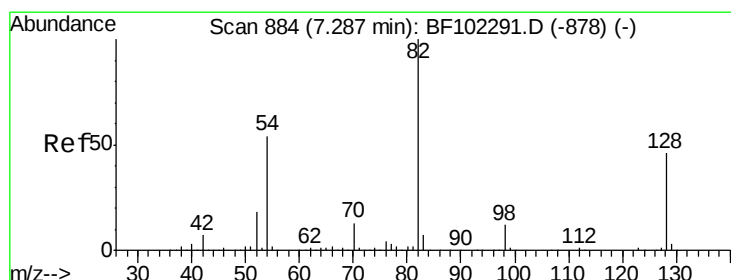
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 76.424 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

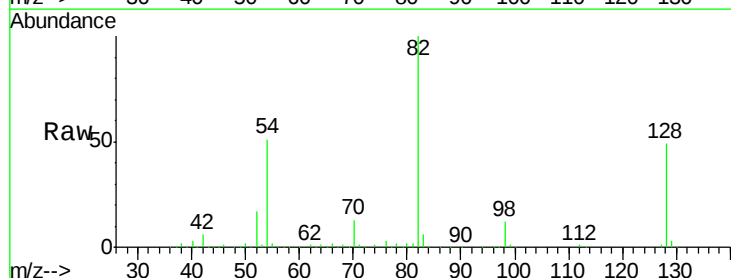
Tgt Ion: 82 Resp: 986239

Ion Ratio Lower Upper

82 100

128 49.0 36.1 54.1

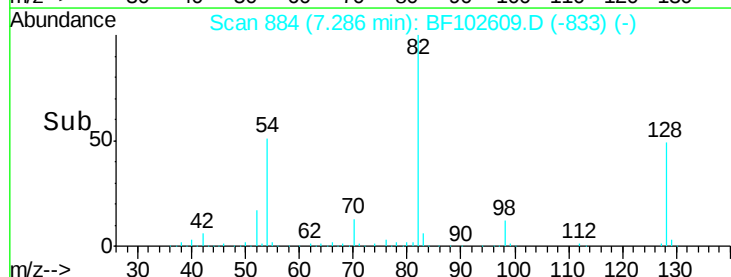
54 51.2 41.4 62.2



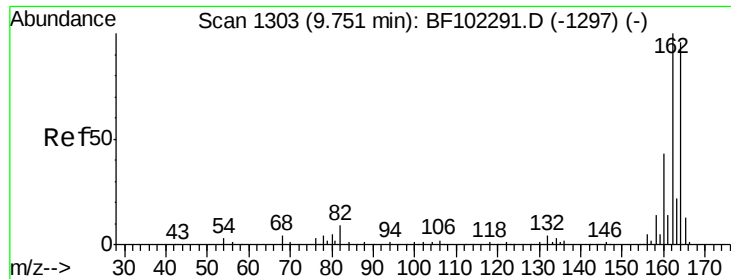
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-EW-(7-8)

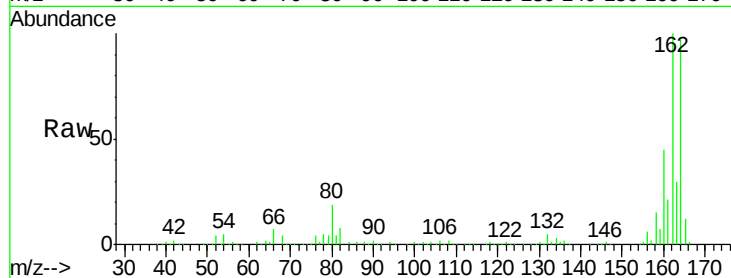
Tgt Ion:164 Resp: 337646

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

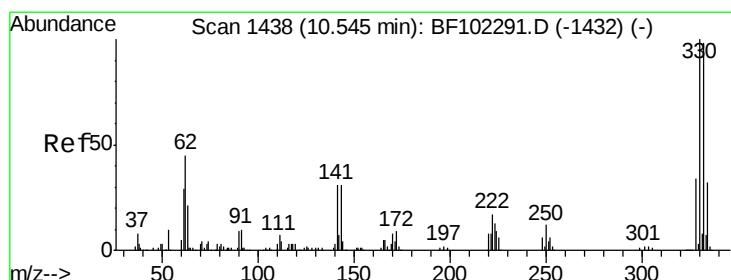
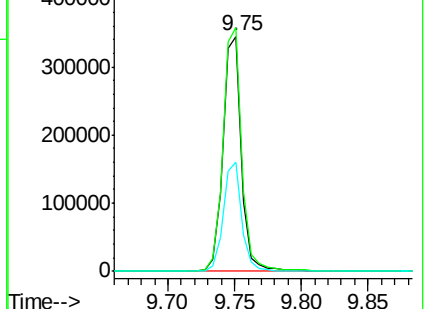
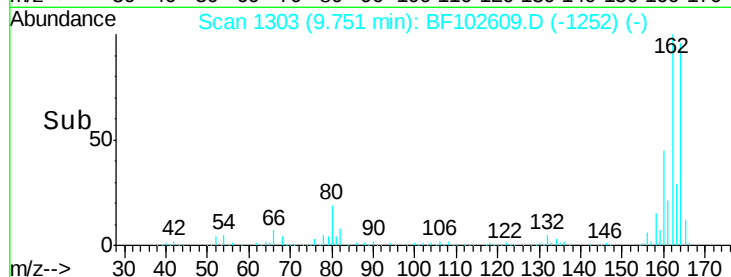
160 46.6 38.3 57.5



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: 90.699 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

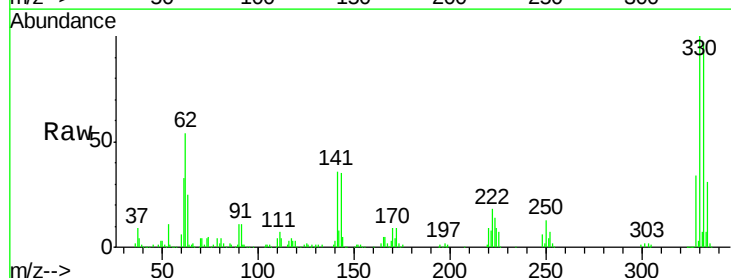
Tgt Ion:330 Resp: 303442

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

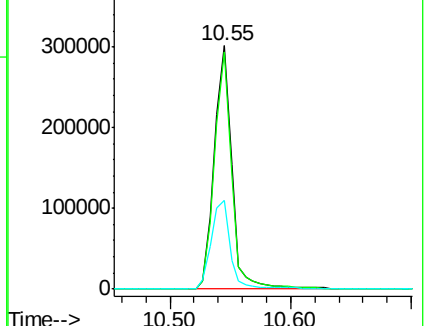
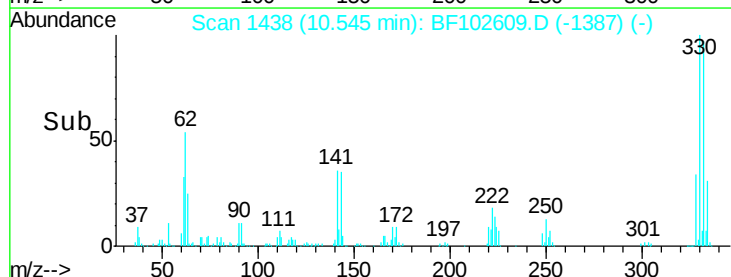
141 39.5 29.9 44.9

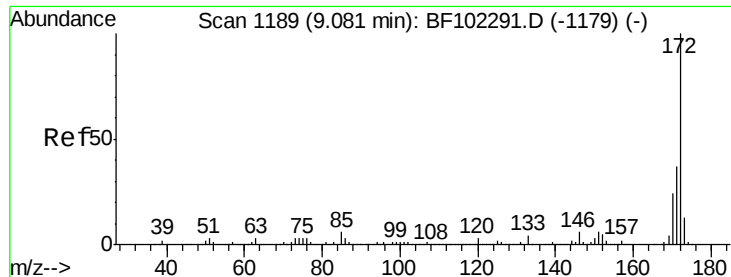


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

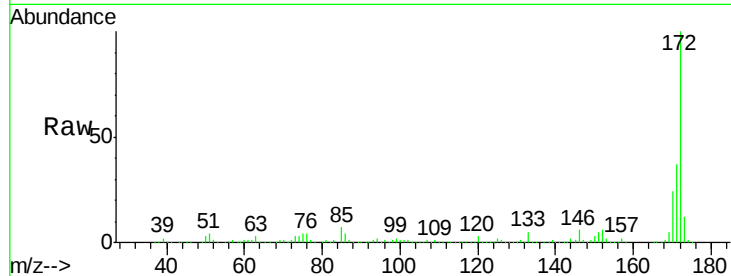




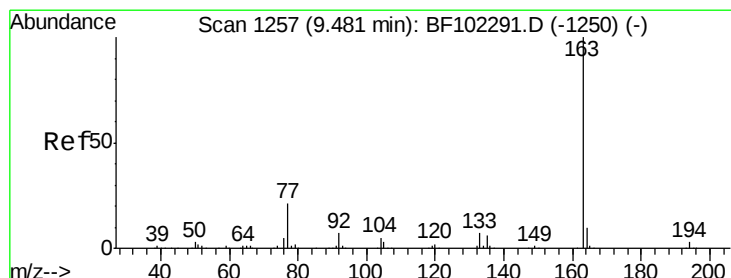
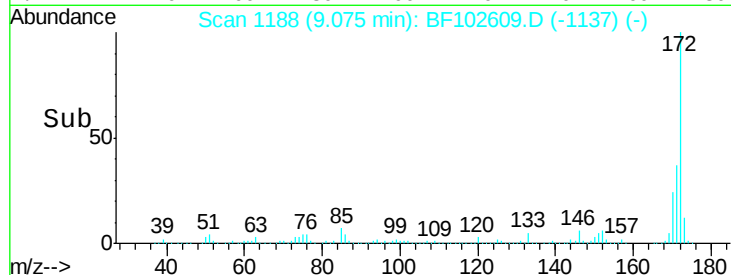
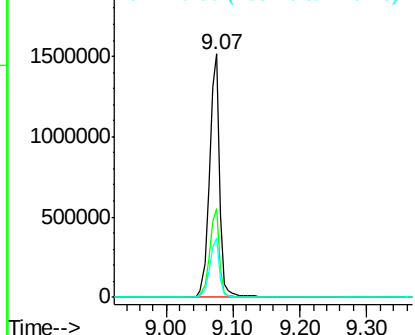
#44
2-Fluorobiphenyl
Concen: 69.986 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

Instrument :
BNA_F
ClientSampleId :
8-SAN-4-EW-(7-8)

Tgt Ion:172 Resp: 1607122
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4

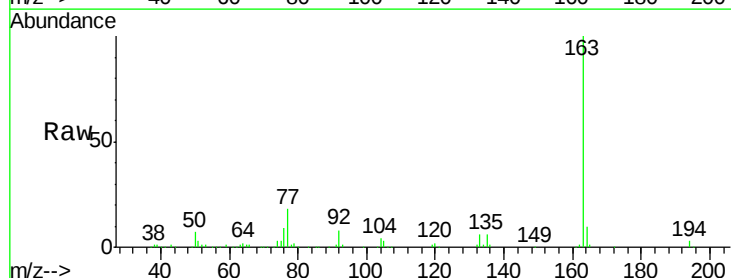


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

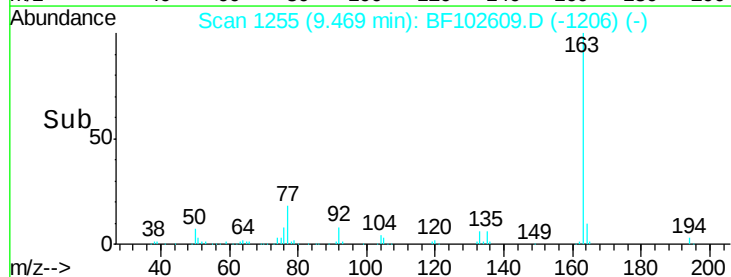
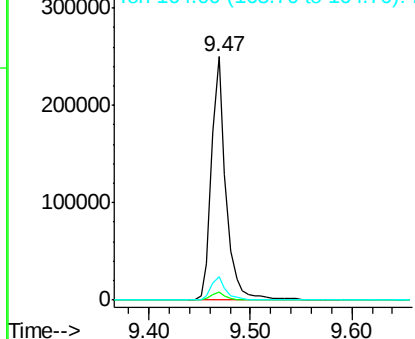


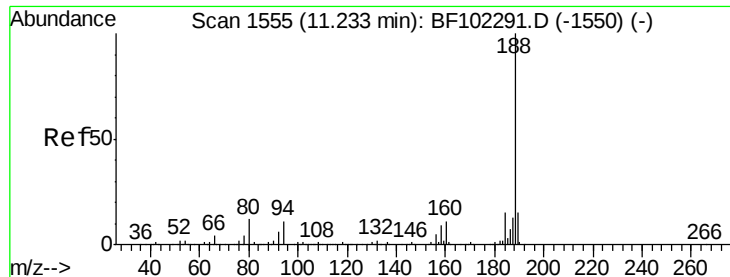
#49
Dimethylphthalate
Concen: 8.910 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102609.D
Acq: 29 Jan 2018 20:49

Tgt Ion:163 Resp: 248665
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-EW-(7-8)

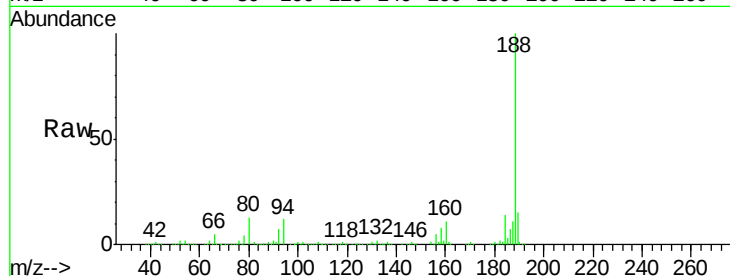
Tgt Ion:188 Resp: 588687

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

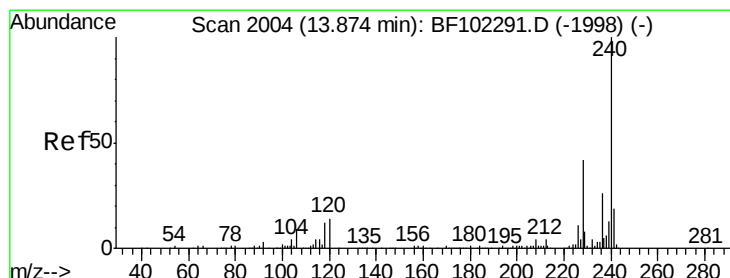
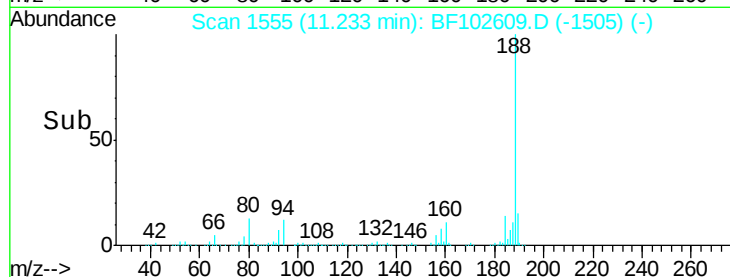
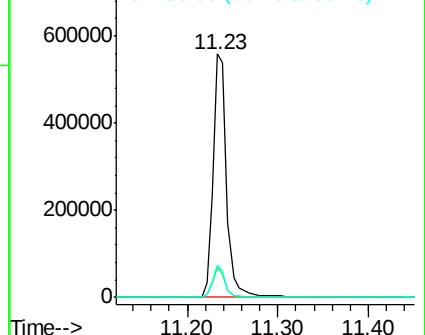
80 13.1 9.2 13.8



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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102609.D

Acq: 29 Jan 2018 20:49

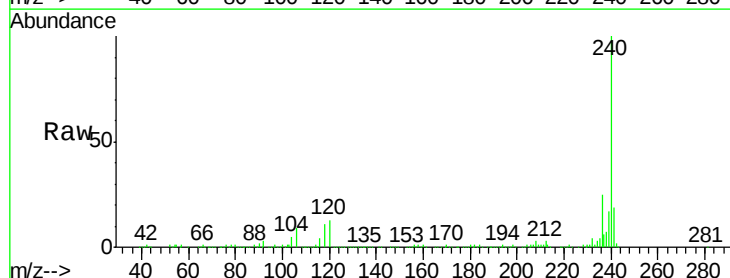
Tgt Ion:240 Resp: 419471

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

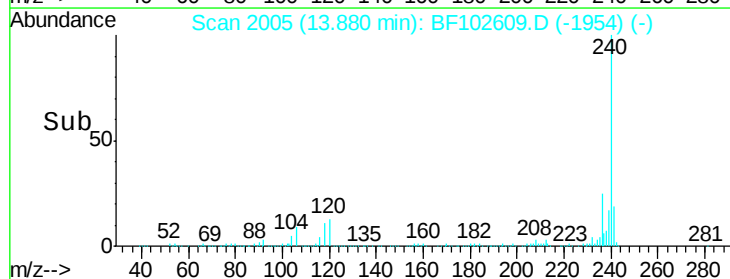
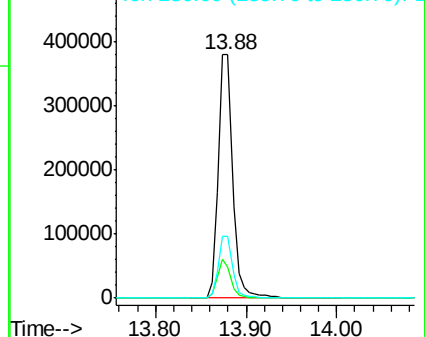
236 25.4 20.7 31.1

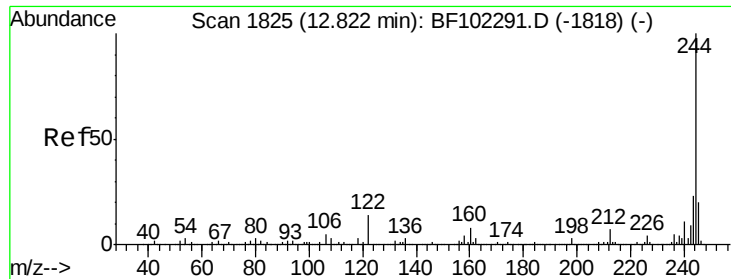


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

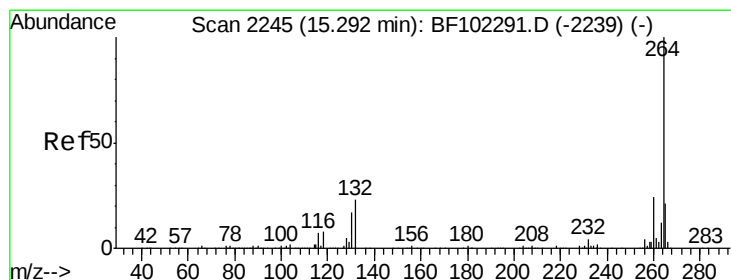
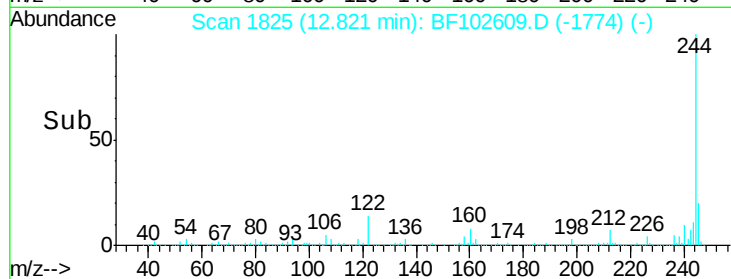
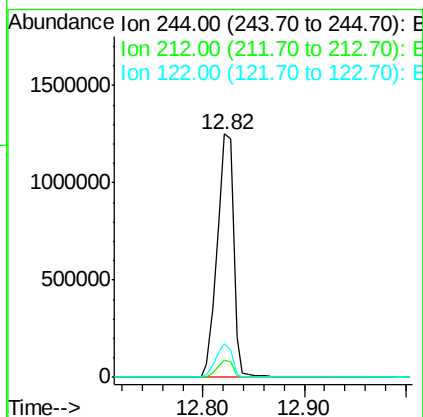
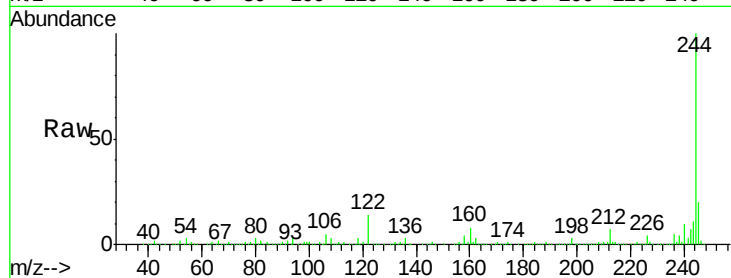




#78
 Terphenyl-d14
 Concen: 76.123 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-4-EW-(7-8)

Tgt Ion:244 Resp: 1416428
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102609.D
 Acq: 29 Jan 2018 20:49

Tgt Ion:264 Resp: 338789
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.4 17.5 26.3

