

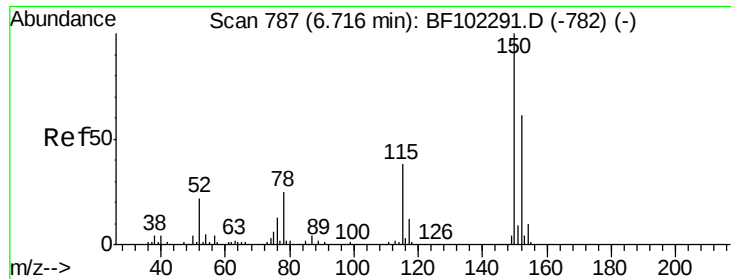
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102607.D
 Acq On : 29 Jan 2018 19:55
 Operator : SJ/JU
 Sample : J1344-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-4-WW(4-5)

Quant Time: Jan 30 02:19:57 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	180049	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	749494	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	344124	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	603593	20.00	ng	0.00
75) Chrysene-d12	13.88	240	401932	20.00	ng	0.00
86) Perylene-d12	15.31	264	320259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1347165	113.45	ng	0.01
7) Phenol-d6	6.37	99	1675055	117.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	1067569	81.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	315166	92.43	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1712947	73.19	ng	0.00
78) Terphenyl-d14	12.83	244	1472553	82.59	ng	0.00
Target Compounds						
10) Phenol	6.37	94	50579	3.236	ng	90
49) Dimethylphthalate	9.47	163	187901	6.606	ng	98

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

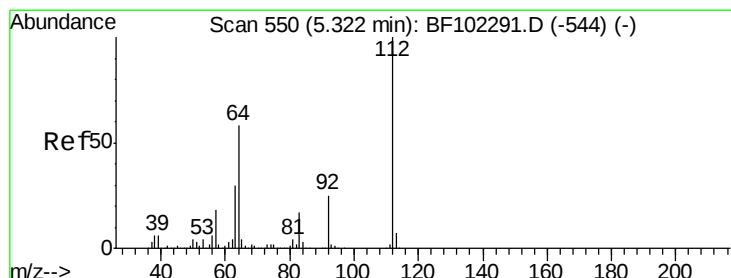
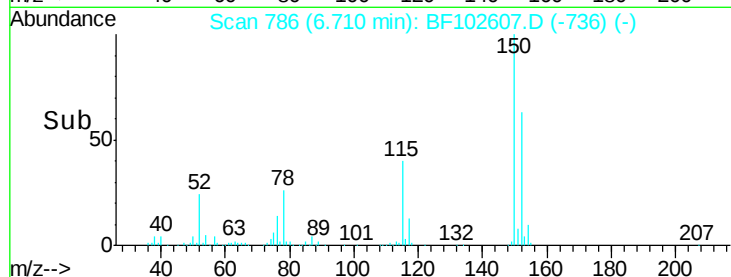
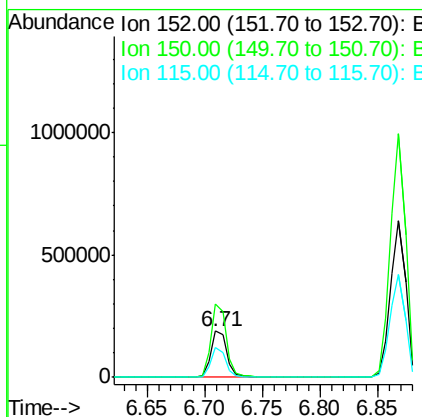
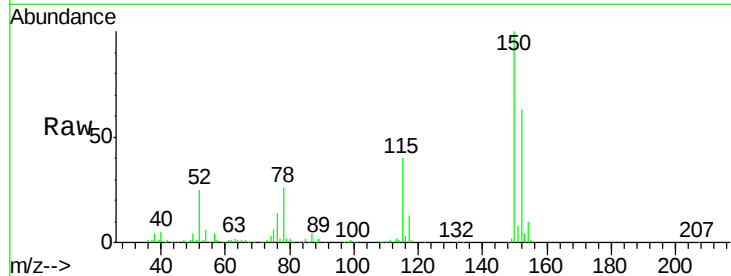


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Instrument :
BNA_F
ClientSampleId :
8-SAN-4-WW(4-5)

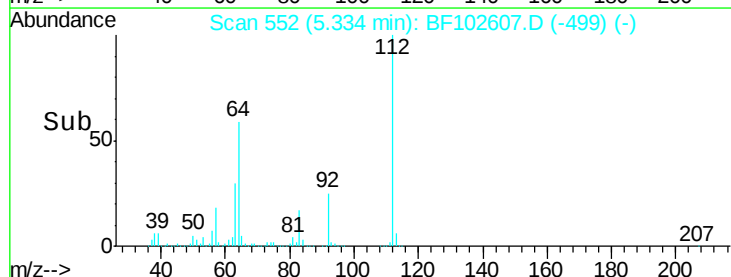
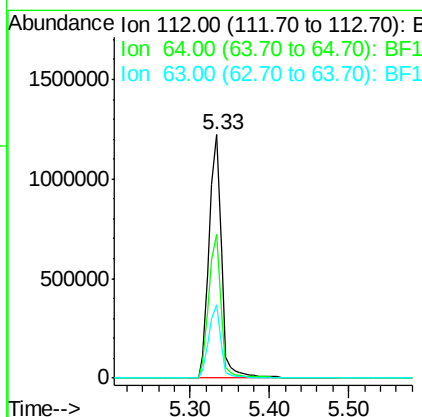
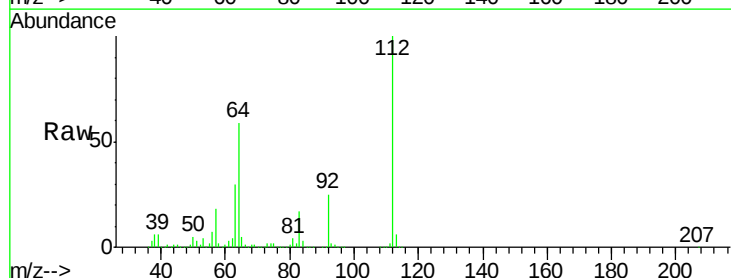
Tgt Ion:152 Resp: 180049
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 64.2 50.1 75.1

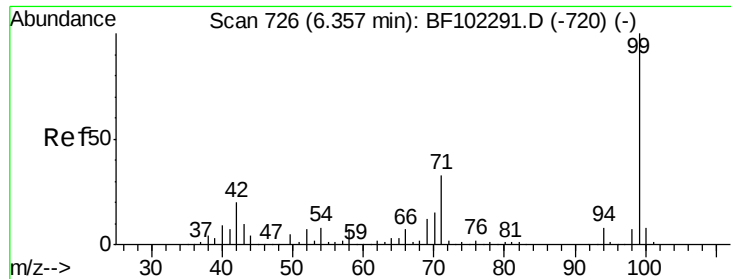


#5

2-Fluorophenol
Concen: 113.450 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion:112 Resp: 1347165
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 117.007 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102607.D

Acq: 29 Jan 2018 19:55

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-WW(4-5)

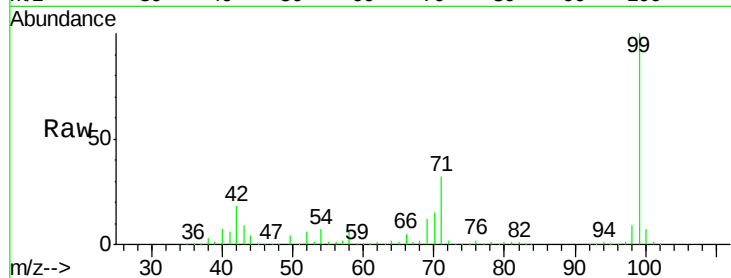
Tgt Ion: 99 Resp: 1675055

Ion Ratio Lower Upper

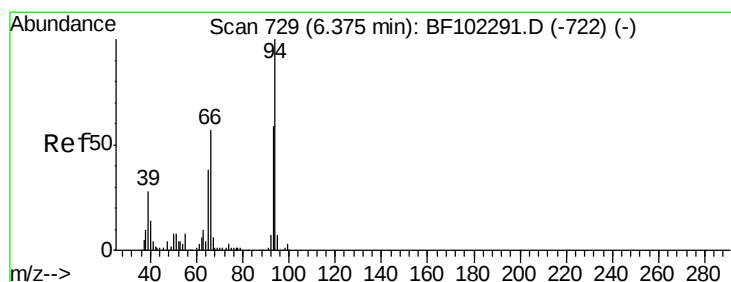
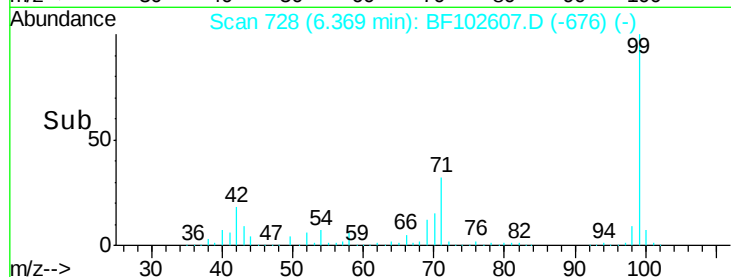
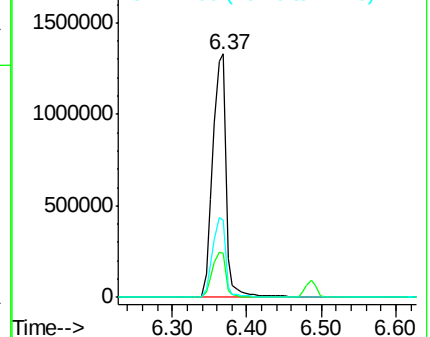
99 100

42 17.9 14.5 21.7

71 31.8 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: 3.236 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102607.D

Acq: 29 Jan 2018 19:55

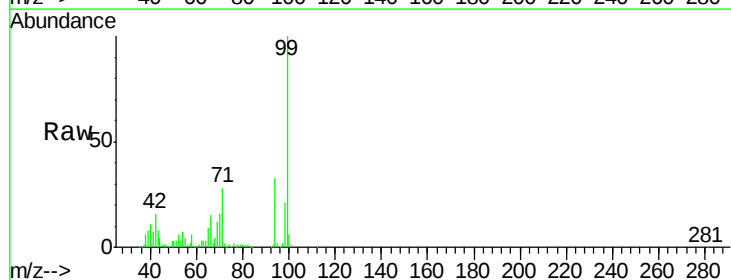
Tgt Ion: 94 Resp: 50579

Ion Ratio Lower Upper

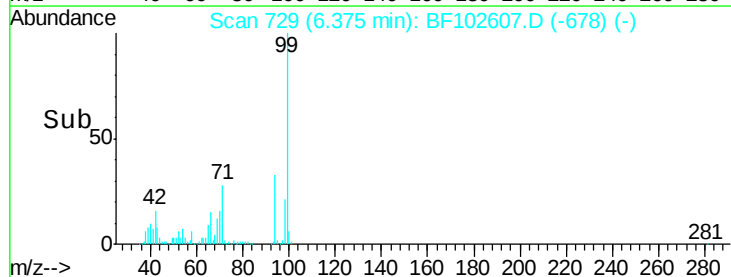
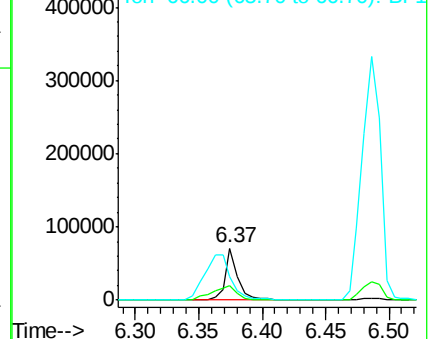
94 100

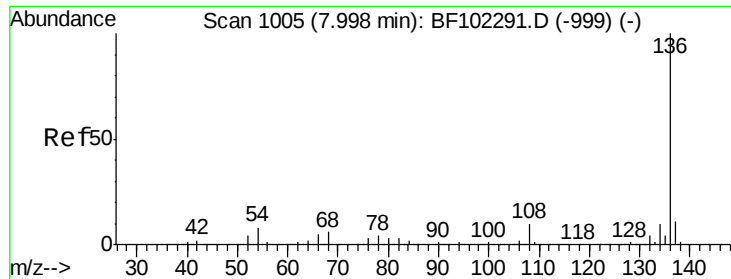
65 27.6 7.9 47.9

66 46.0 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

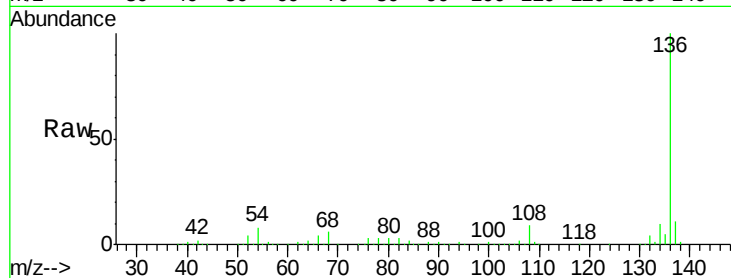




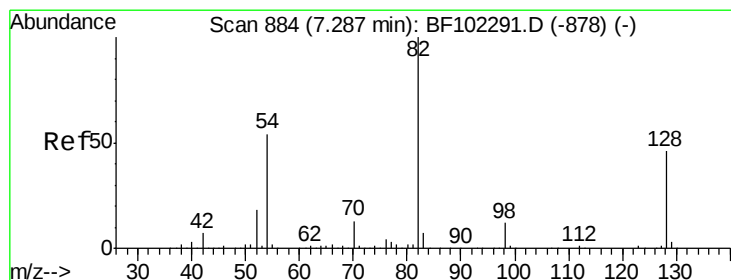
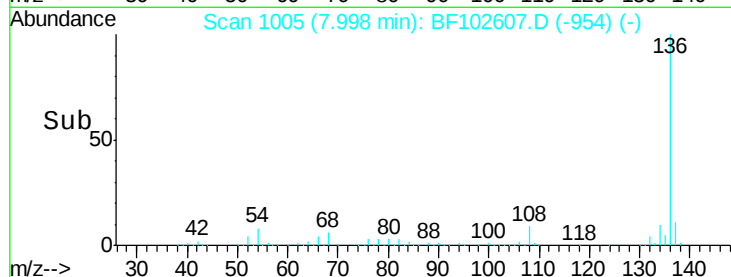
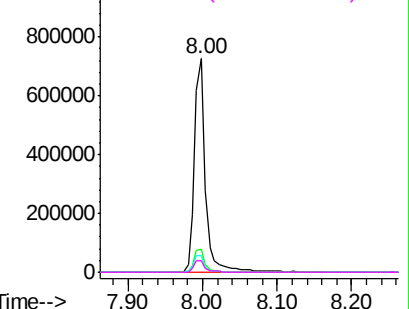
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Instrument :
BNA_F
ClientSampleId :
8-SAN-4-WW(4-5)

Tgt Ion:136 Resp: 749494
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.9 6.6 9.8
68 5.6 5.0 7.4

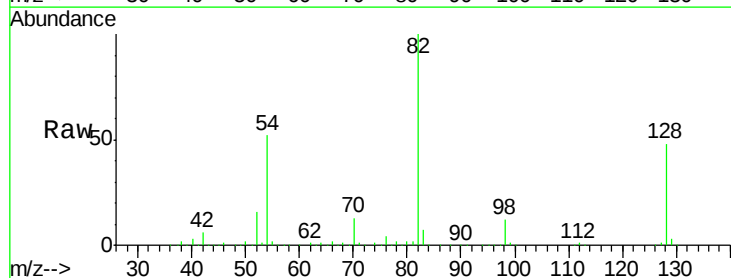


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

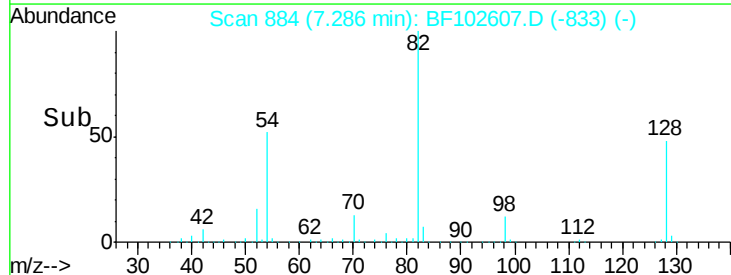
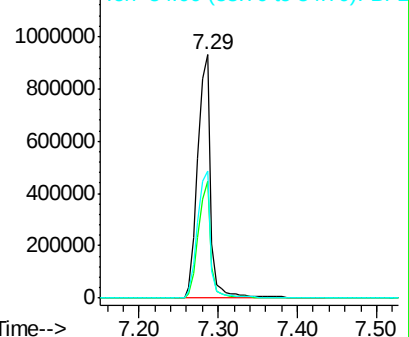


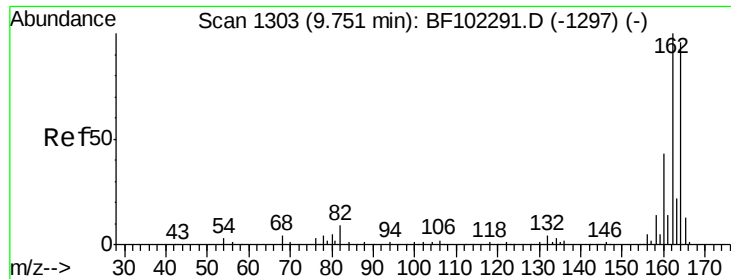
#23
Nitrobenzene-d5
Concen: 81.855 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion: 82 Resp: 1067569
Ion Ratio Lower Upper
82 100
128 48.2 36.1 54.1
54 52.3 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: BF102607.D

Acq: 29 Jan 2018 19:55

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-WW(4-5)

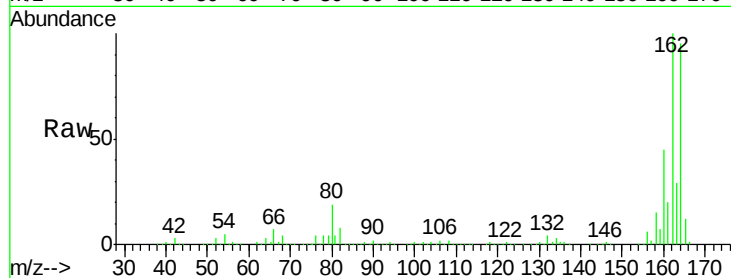
Tgt Ion:164 Resp: 344124

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

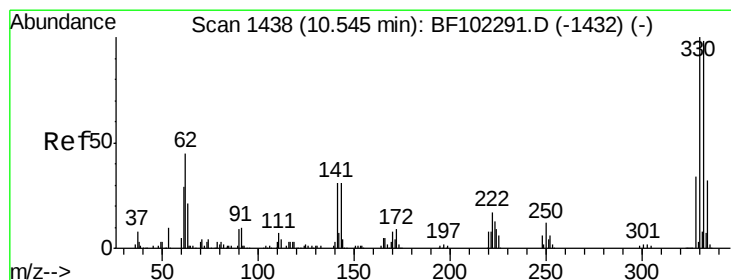
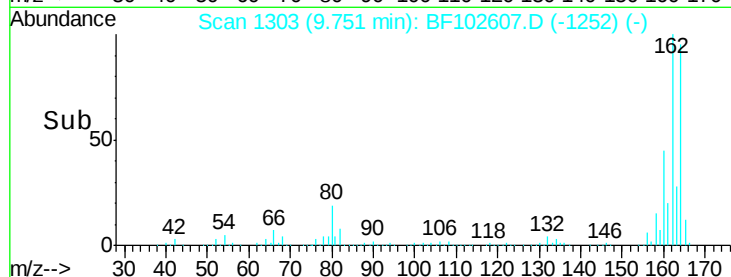
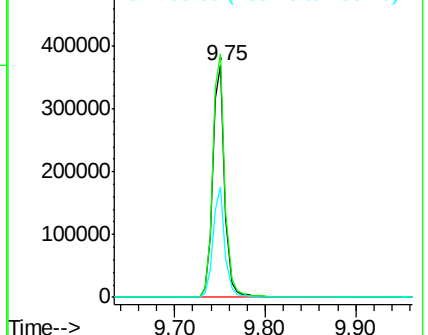
160 47.6 38.3 57.5



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: 92.430 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102607.D

Acq: 29 Jan 2018 19:55

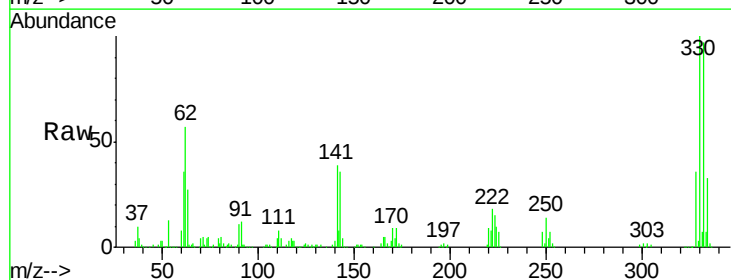
Tgt Ion:330 Resp: 315166

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

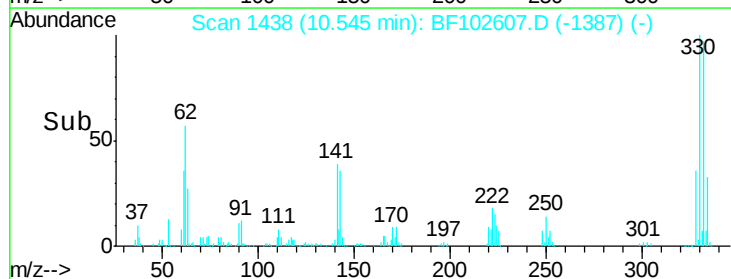
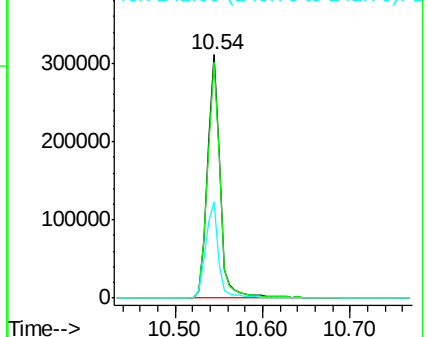
141 40.3 29.9 44.9

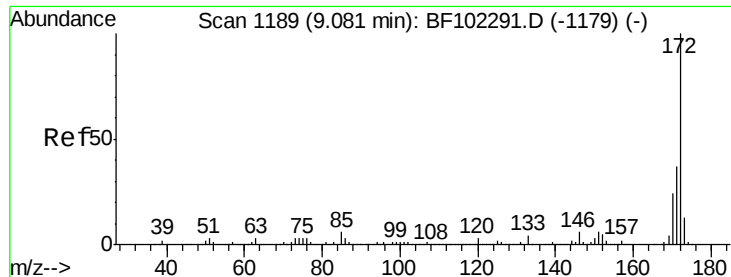


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

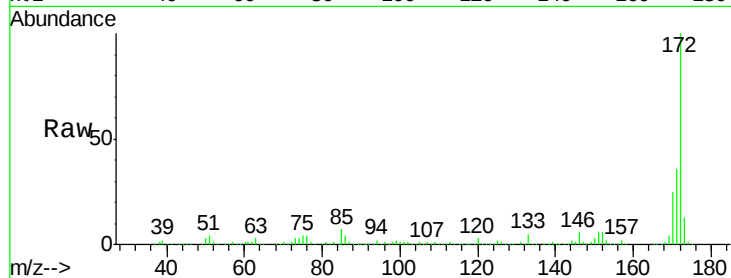




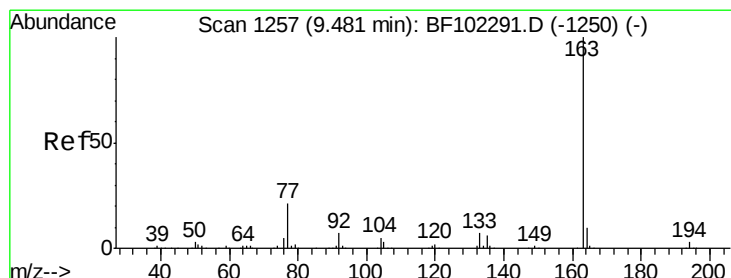
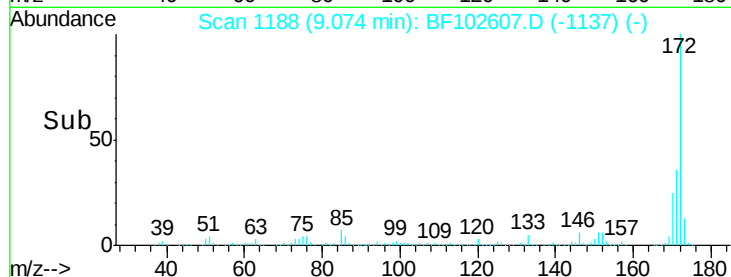
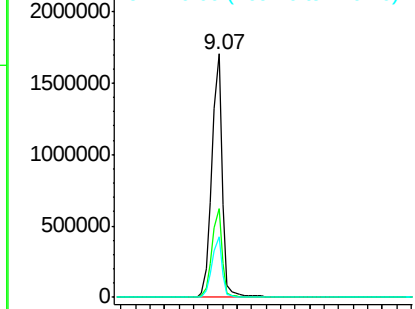
#44
2-Fluorobiphenyl
Concen: 73.190 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Instrument :
BNA_F
ClientSampleId :
8-SAN-4-WW(4-5)

Tgt Ion:172 Resp: 1712947
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.9 19.6 29.4

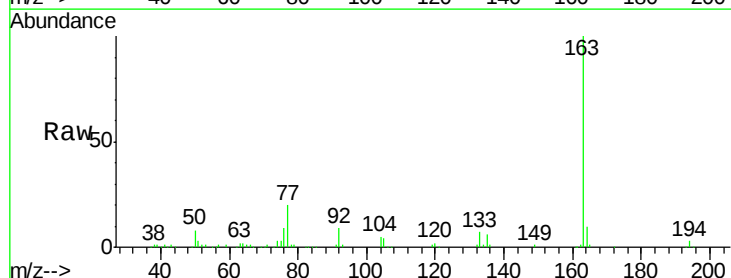


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

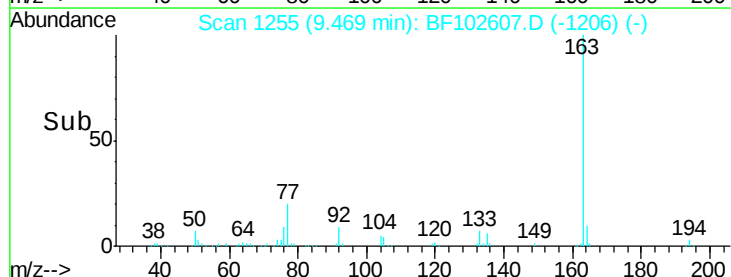
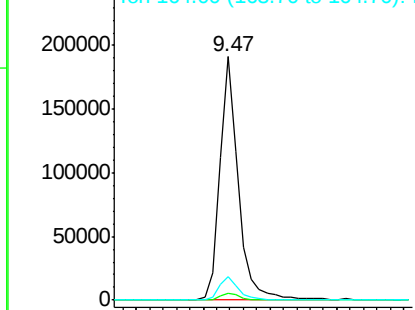


#49
Dimethylphthalate
Concen: 6.606 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102607.D
Acq: 29 Jan 2018 19:55

Tgt Ion:163 Resp: 187901
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.6 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: BF102607.D

Acq: 29 Jan 2018 19:55

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-WW(4-5)

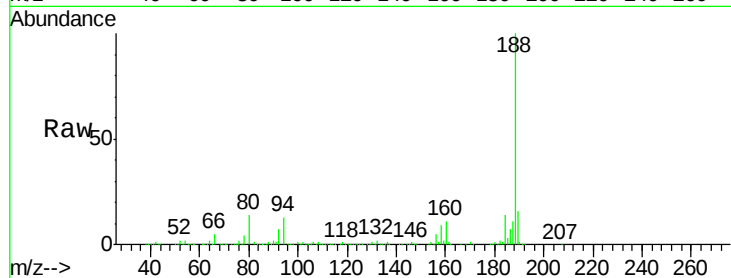
Tgt Ion:188 Resp: 603593

Ion Ratio Lower Upper

188 100

94 12.9 8.5 12.7#

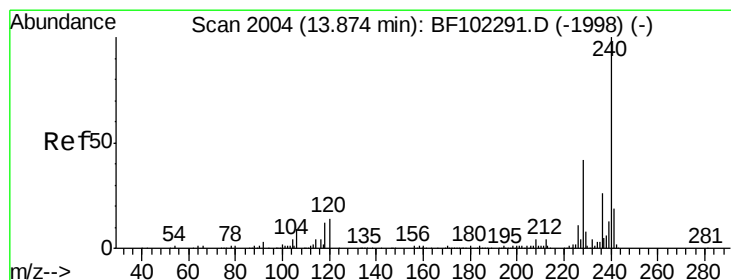
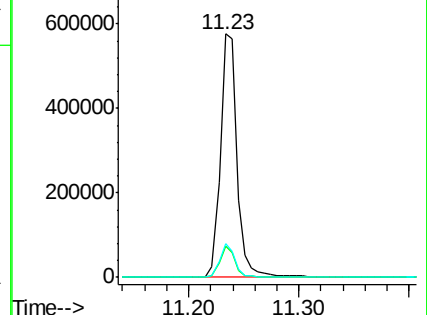
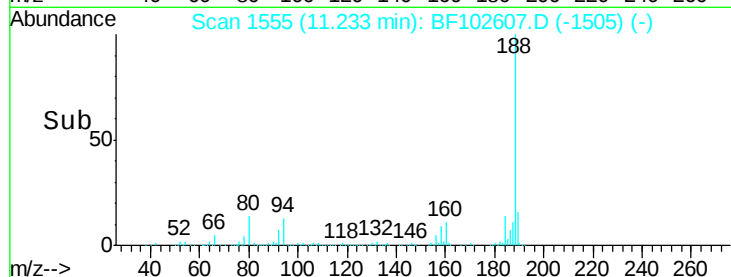
80 13.6 9.2 13.8



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: BF102607.D

Acq: 29 Jan 2018 19:55

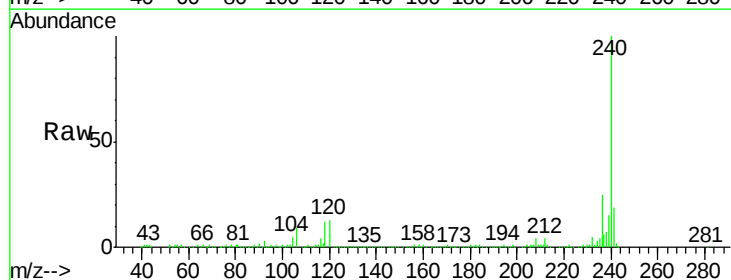
Tgt Ion:240 Resp: 401932

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

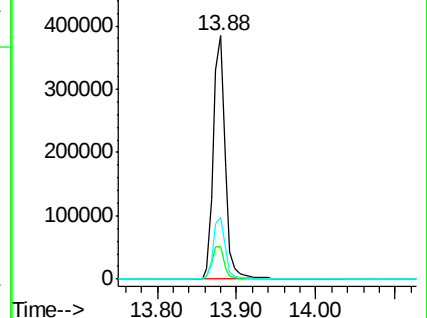
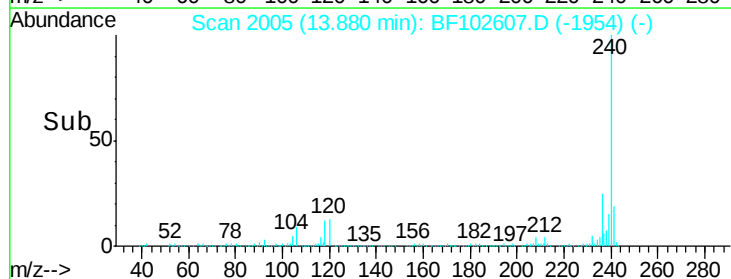
236 25.3 20.7 31.1

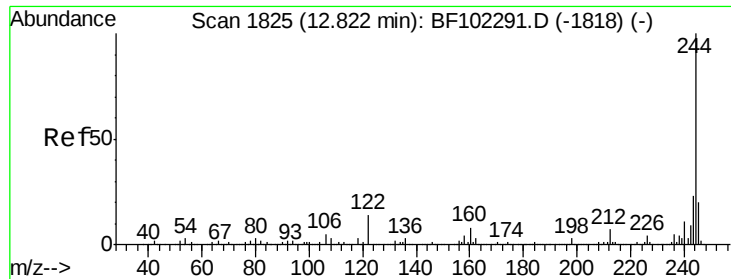


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

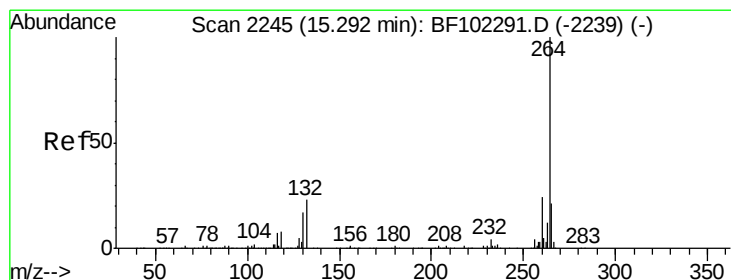
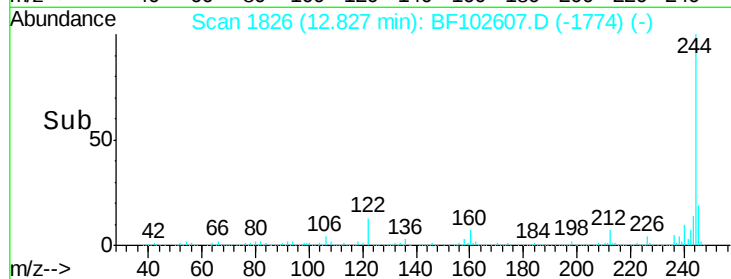
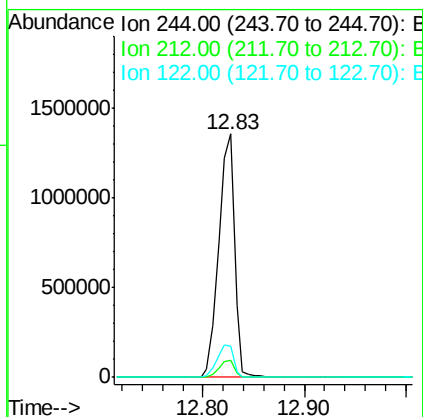
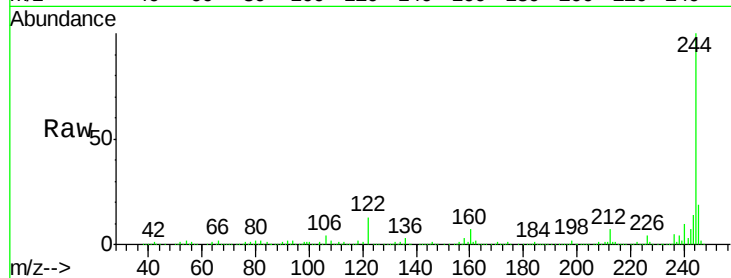




#78
 Terphenyl-d14
 Concen: 82.593 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102607.D
 Acq: 29 Jan 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-4-WW(4-5)

Tgt Ion:244 Resp: 1472553
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.9 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: BF102607.D
 Acq: 29 Jan 2018 19:55

Tgt Ion:264 Resp: 320259
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.5 26.3

