

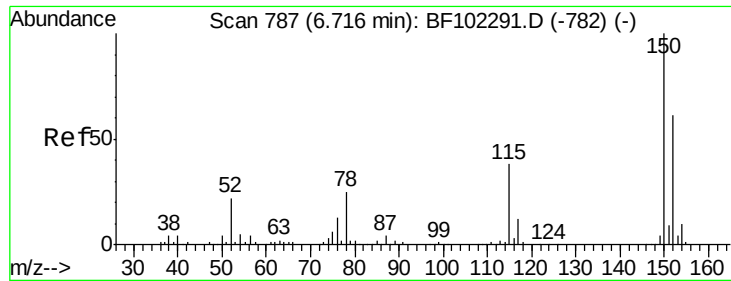
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102608.D
 Acq On : 29 Jan 2018 20:22
 Operator : SJ/JU
 Sample : J1344-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 30 02:21:57 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	163084	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	704935	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	322020	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	578446	20.00	ng	0.00
75) Chrysene-d12	13.88	240	428224	20.00	ng	0.00
86) Perylene-d12	15.31	264	356373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1227728	114.15	ng	0.01
7) Phenol-d6	6.36	99	1533384	118.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	957454	78.05	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	305271	95.67	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1586765	72.45	ng	0.00
78) Terphenyl-d14	12.83	244	1468030	77.28	ng	0.00
Target Compounds						
10) Phenol	6.37	94	31658	2.236	ng	86
49) Dimethylphthalate	9.47	163	117592	4.418	ng	99

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

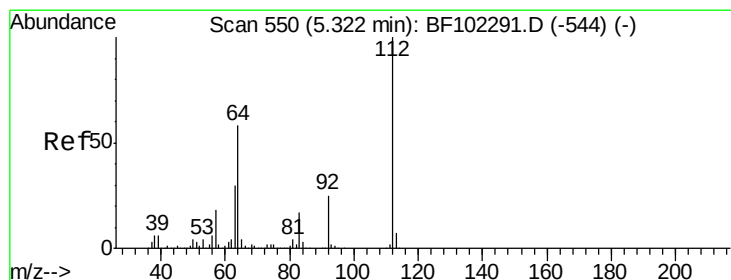
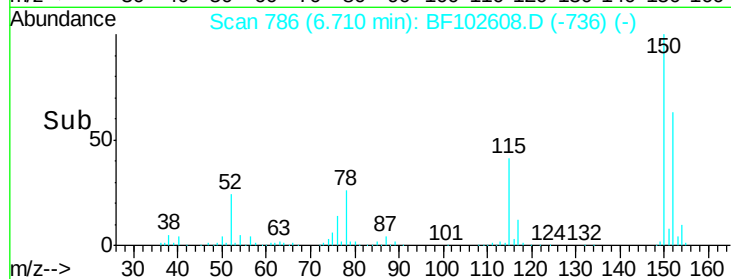
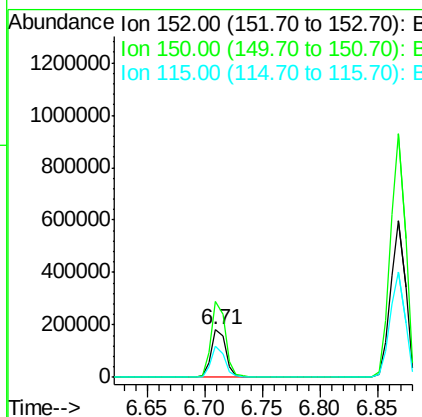
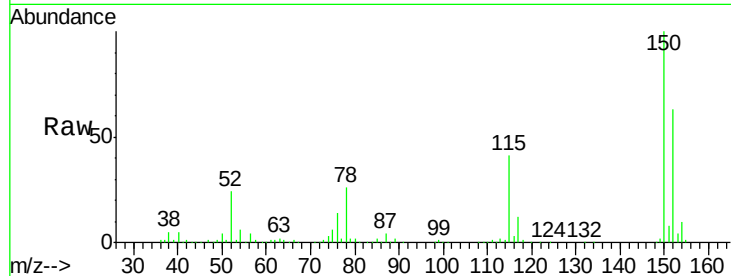


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

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

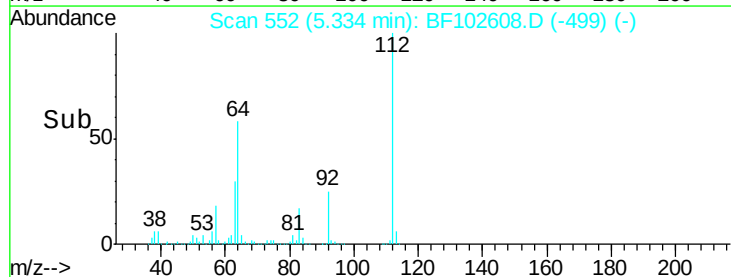
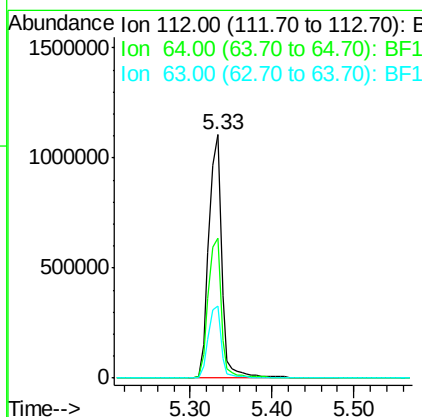
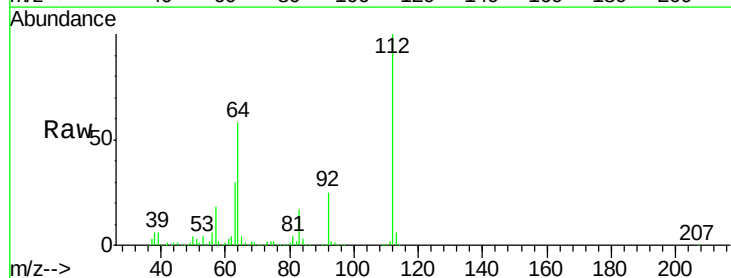
Tgt Ion:152 Resp: 163084
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 65.3 50.1 75.1

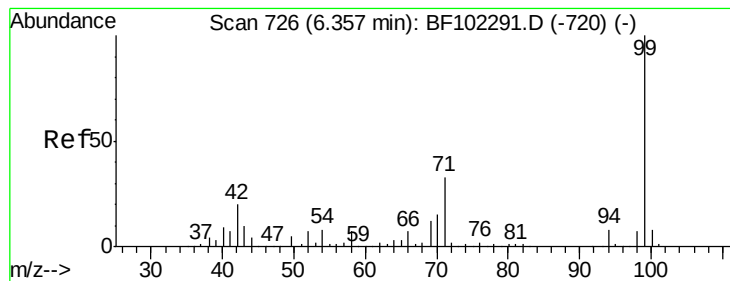


#5

2-Fluorophenol
Concen: 114.147 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Tgt Ion:112 Resp: 1227728
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 118.253 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102608.D

Acq: 29 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-EW(4-5)

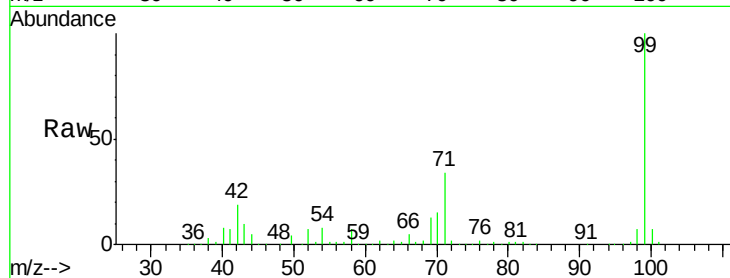
Tgt Ion: 99 Resp: 1533384

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

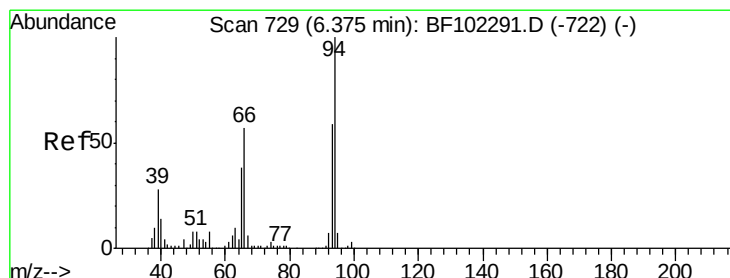
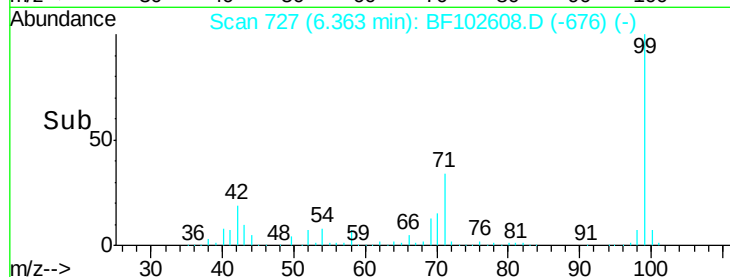
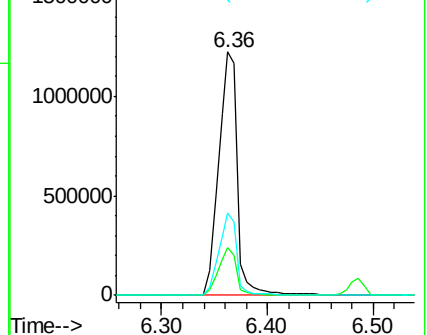
71 33.8 25.4 38.0



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: 2.236 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102608.D

Acq: 29 Jan 2018 20:22

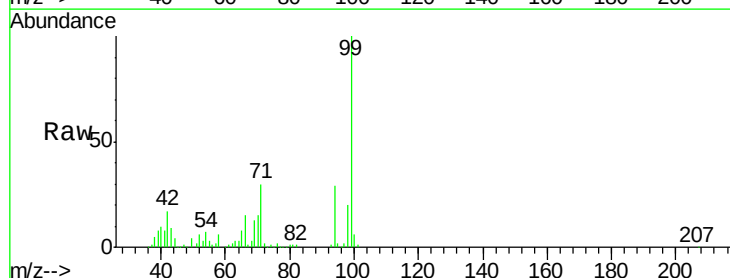
Tgt Ion: 94 Resp: 31658

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

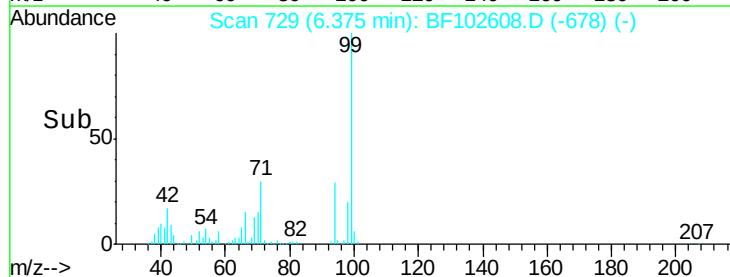
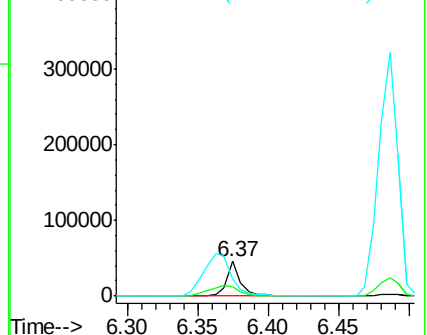
66 50.4 16.2 56.2

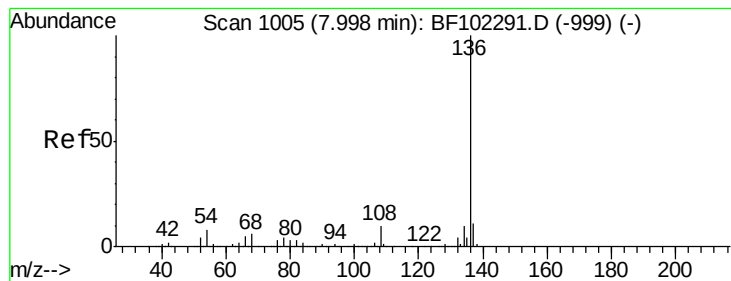


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF102608.D

Acq: 29 Jan 2018 20:22

Instrument :

BNA_F

ClientSampleId :

8-SAN-4-EW(4-5)

Tgt Ion:136 Resp: 704935

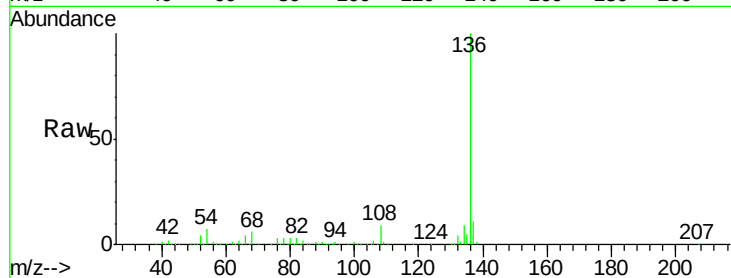
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4

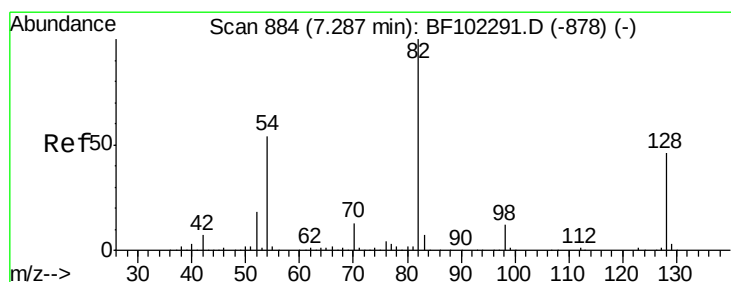
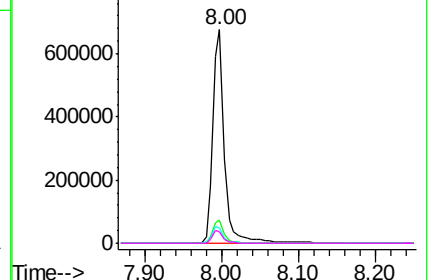
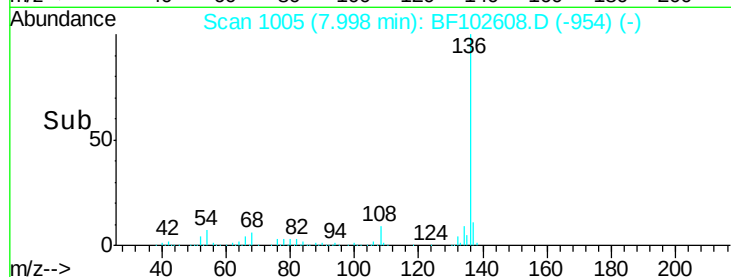


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.052 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102608.D

Acq: 29 Jan 2018 20:22

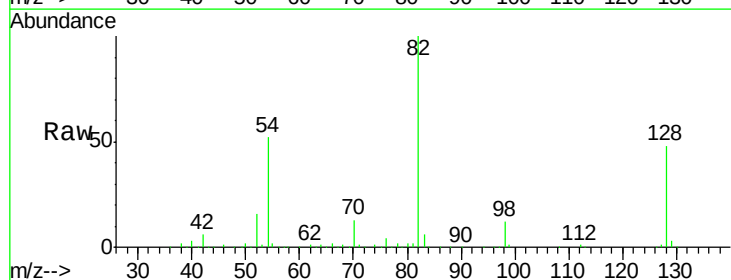
Tgt Ion: 82 Resp: 957454

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

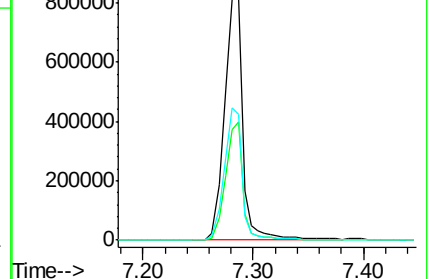
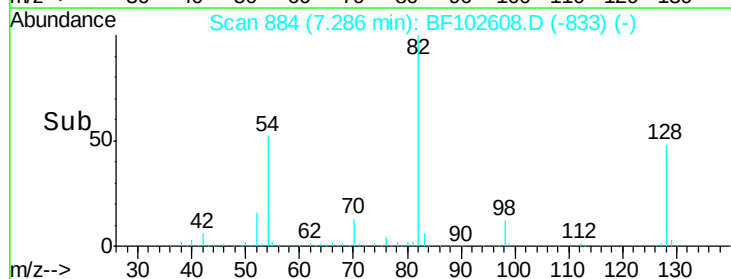
54 51.7 41.4 62.2

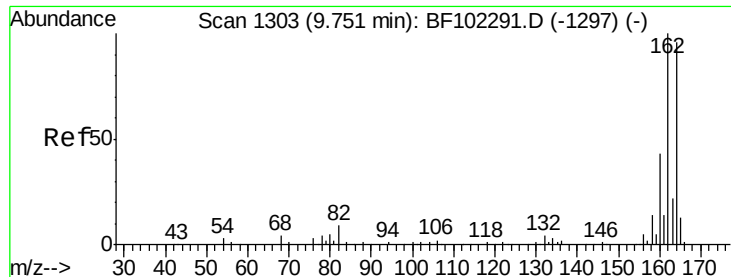


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

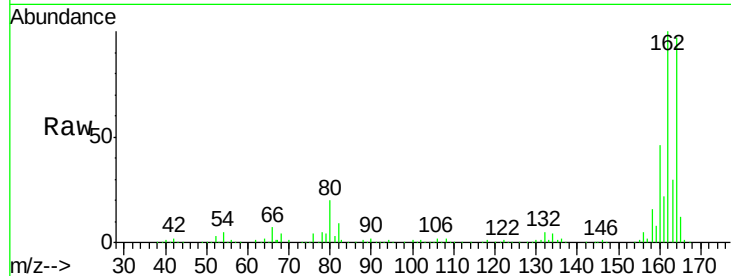




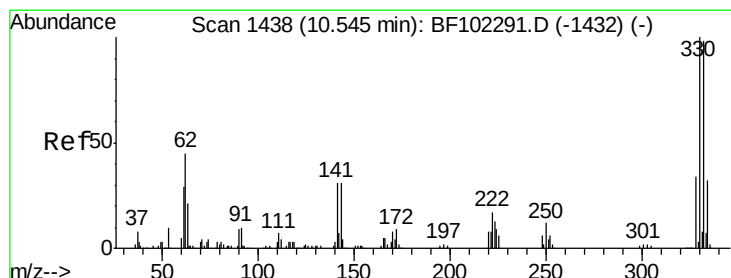
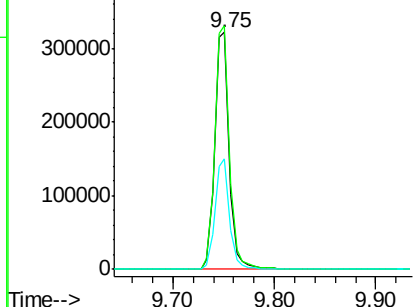
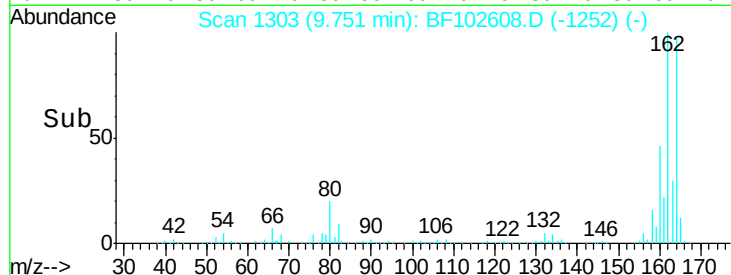
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

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

Tgt Ion:164 Resp: 322020
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 46.9 38.3 57.5

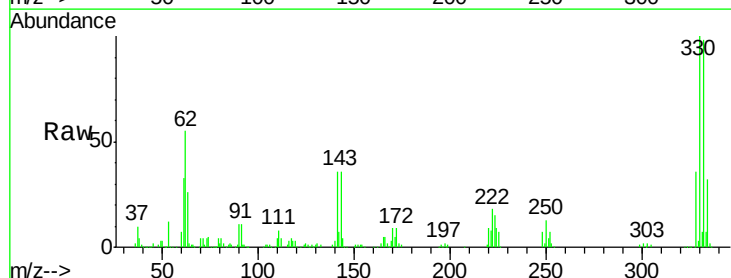


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

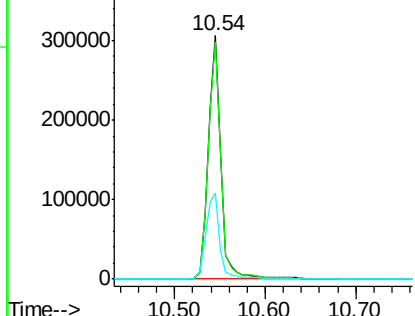
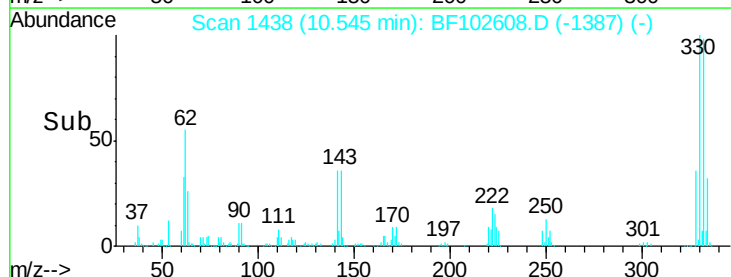


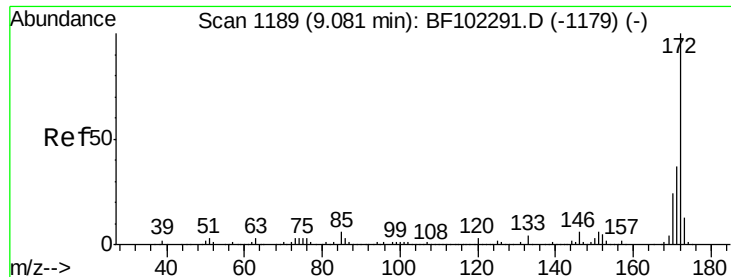
#41
2,4,6-Tribromophenol
Concen: 95.674 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Tgt Ion:330 Resp: 305271
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.6
141 39.2 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

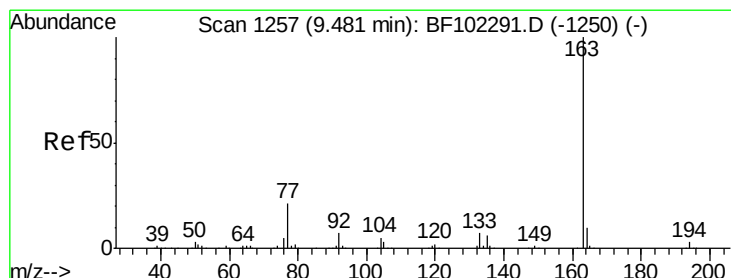
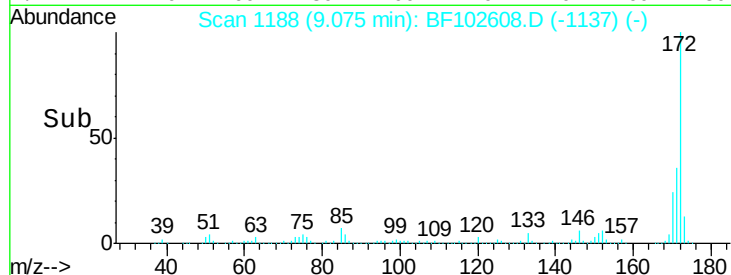
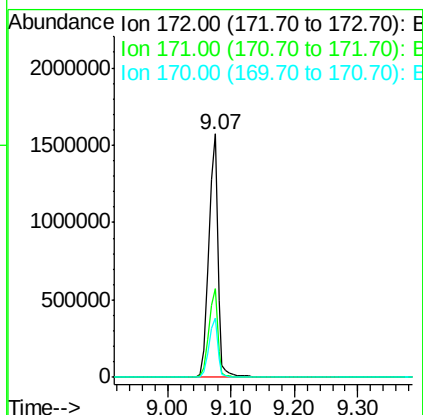
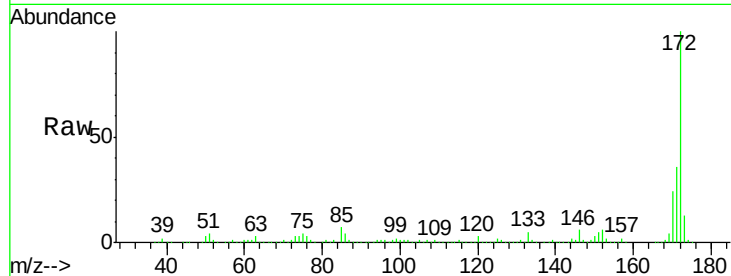




#44
2-Fluorobiphenyl
Concen: 72.452 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

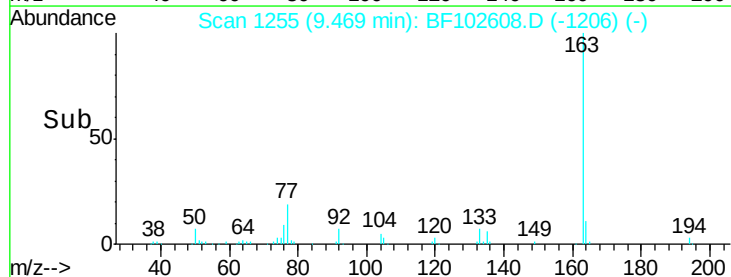
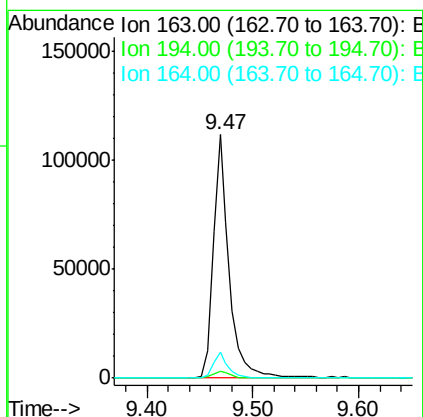
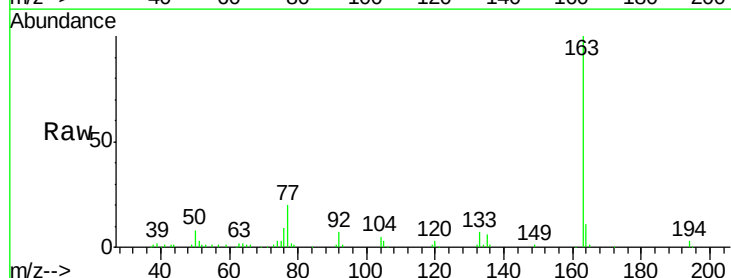
Instrument :
BNA_F
ClientSampleId :
8-SAN-4-EW(4-5)

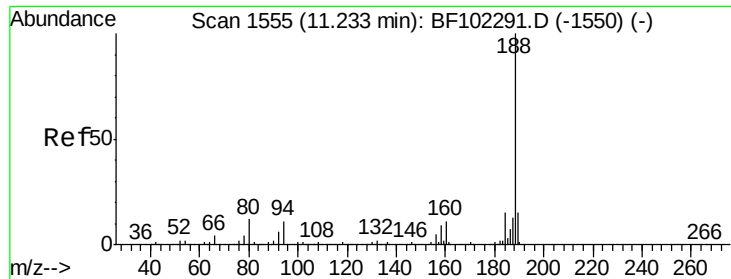
Tgt Ion:172 Resp: 1586765
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 4.418 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Tgt Ion:163 Resp: 117592
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.5 8.2 12.2

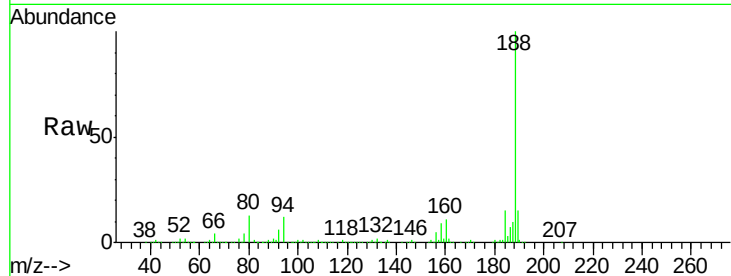




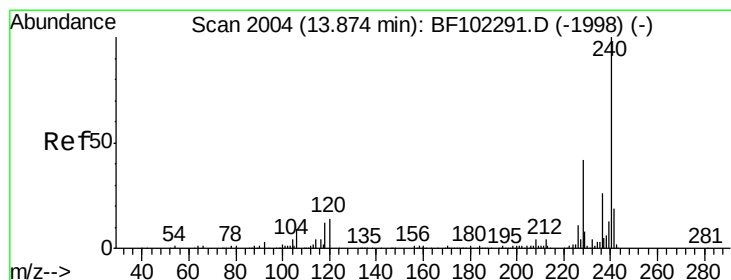
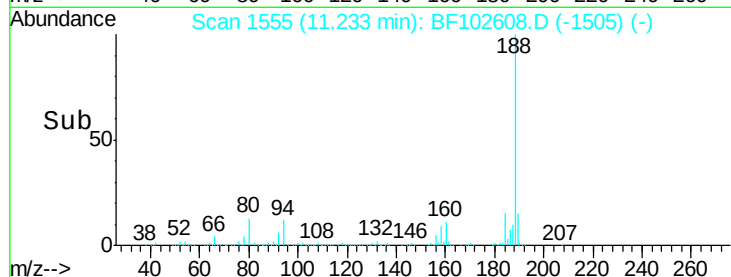
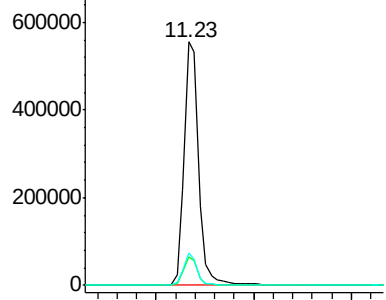
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

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

Tgt Ion:188 Resp: 578446
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 13.3 9.2 13.8

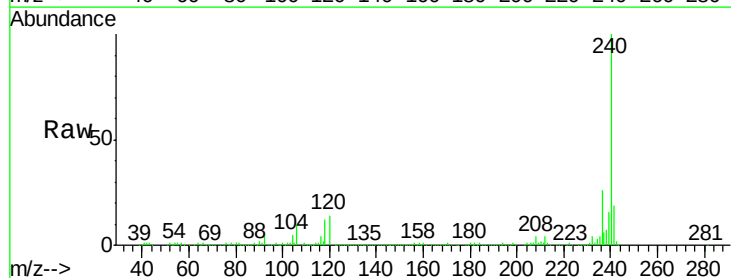


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

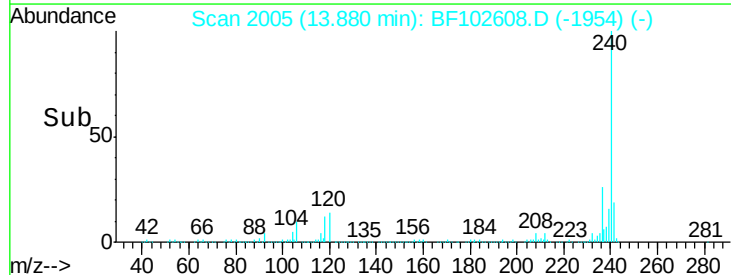
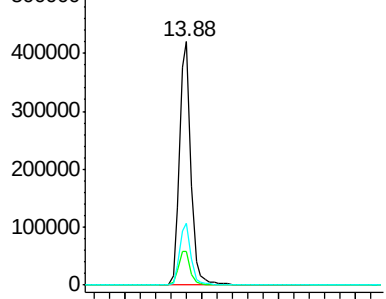


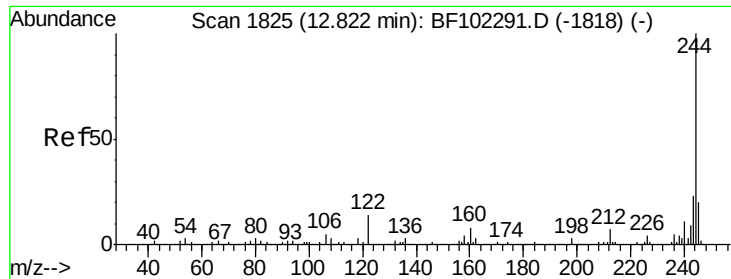
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102608.D
Acq: 29 Jan 2018 20:22

Tgt Ion:240 Resp: 428224
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.6 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

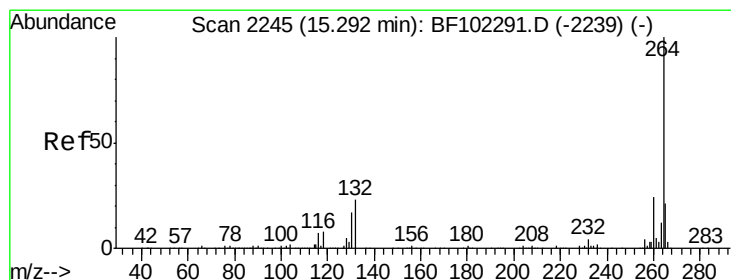
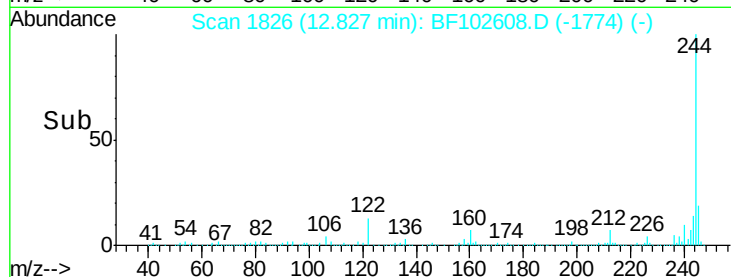
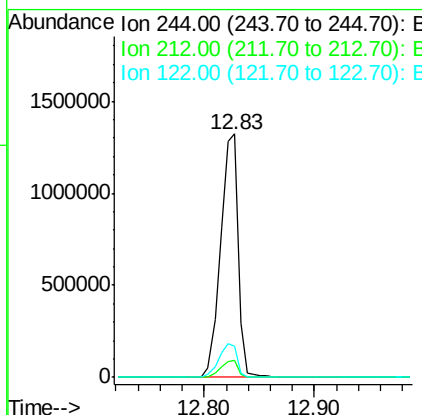
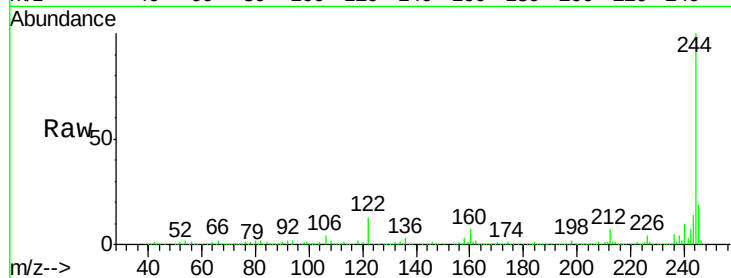




#78
 Terphenyl-d14
 Concen: 77.284 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102608.D
 Acq: 29 Jan 2018 20:22

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

Tgt Ion:244 Resp: 1468030
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.7 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: BF102608.D
 Acq: 29 Jan 2018 20:22

Tgt Ion:264 Resp: 356373
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.0 17.5 26.3

