

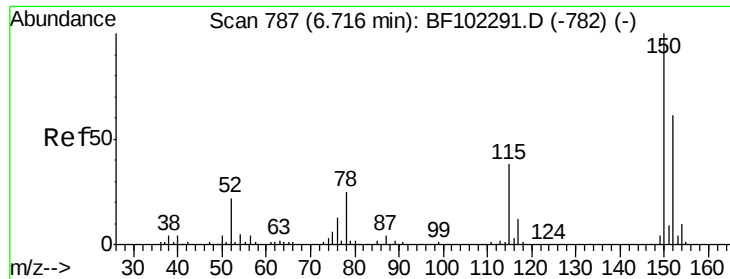
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102636.D
 Acq On : 30 Jan 2018 13:48
 Operator : SJ/JU
 Sample : J1345-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Quant Time: Jan 30 22:53:40 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	154062	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	653029	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	292499	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	526356	20.00	ng	0.00
75) Chrysene-d12	13.87	240	462405	20.00	ng	0.00
86) Perylene-d12	15.30	264	409852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1159848	114.15	ng	0.02
7) Phenol-d6	6.36	99	1309774	106.92	ng	0.00
23) Nitrobenzene-d5	7.28	82	992060	87.30	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	344854	118.99	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1790073	89.98	ng	0.00
78) Terphenyl-d14	12.82	244	1704509	83.10	ng	0.00
Target Compounds						
10) Phenol	6.37	94	38595	2.886	ng	Qvalue # 75
20) 3+4-Methylphenols	7.14	107	96715	8.890	ng	88
32) Benzoic acid	7.78	122	29733	3.993	ng	97
76) Benzidine	12.57	184	178145	11.468	ng	98

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

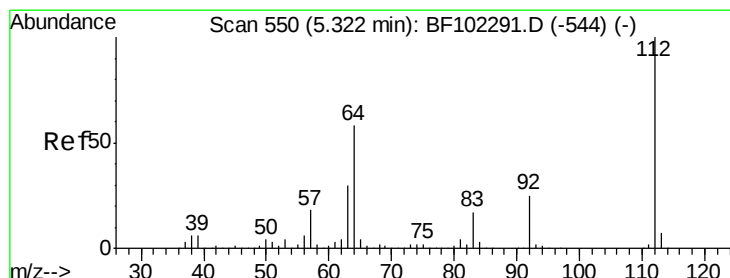
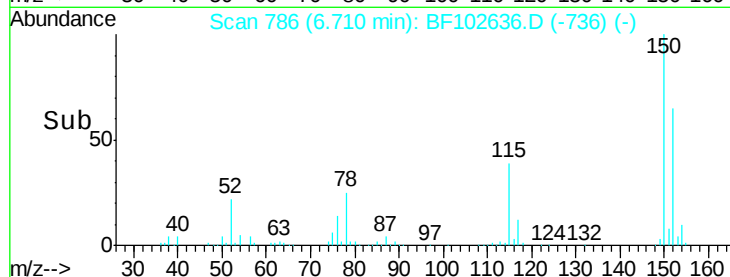
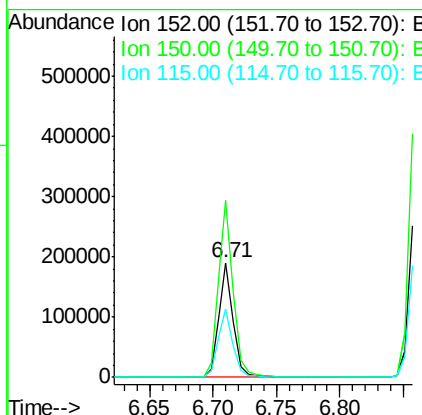
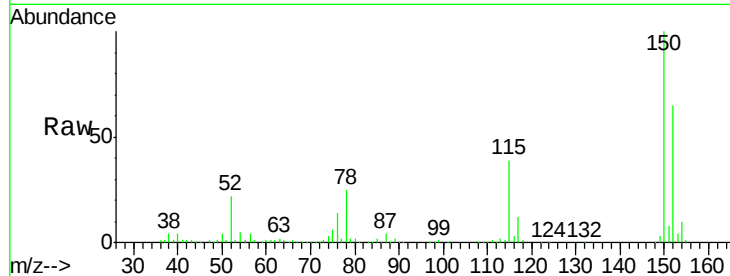


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102636.D
 Acq: 30 Jan 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

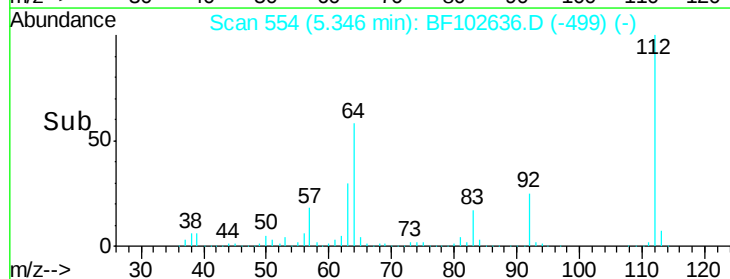
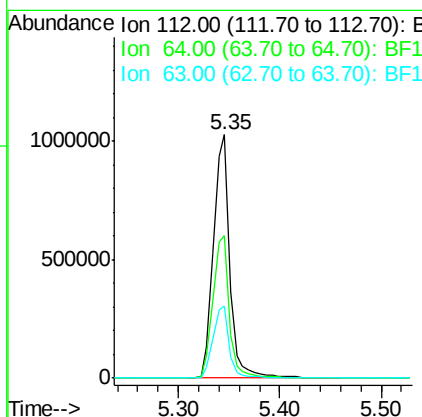
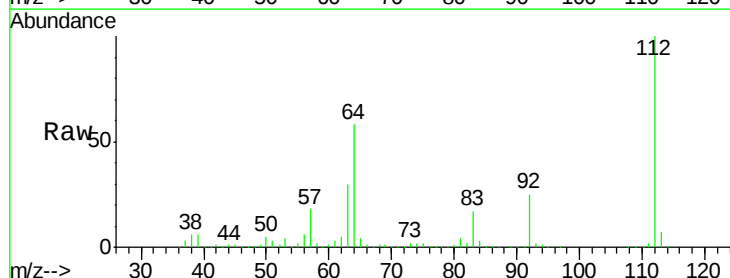
Tot Ion:152 Resp: 154062
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 59.8 50.1 75.1

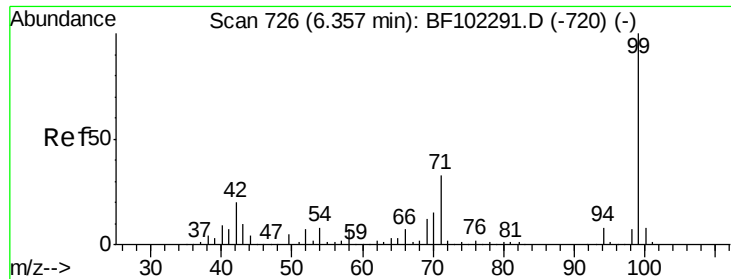


#5

2-Fluorophenol
 Concen: 114.151 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102636.D
 Acq: 30 Jan 2018 13:48

Tgt Ion:112 Resp: 1159848
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 106.924 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

Instrument :

BNA_F

ClientSampled :

BUS-WASH

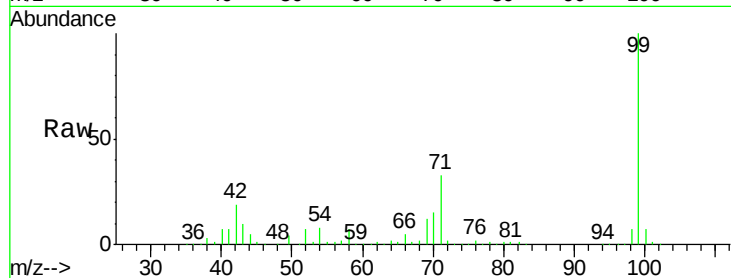
Tot Ion: 99 Resp: 1309774

Ion Ratio Lower Upper

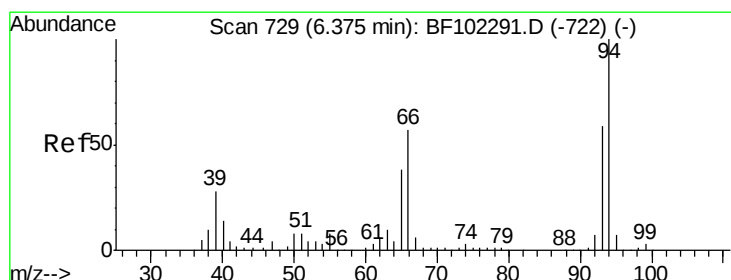
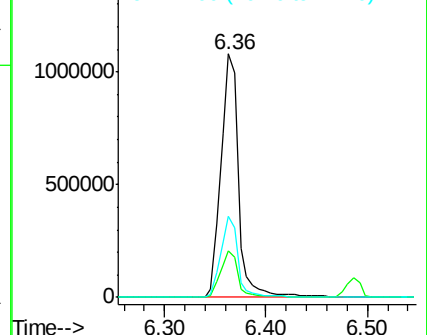
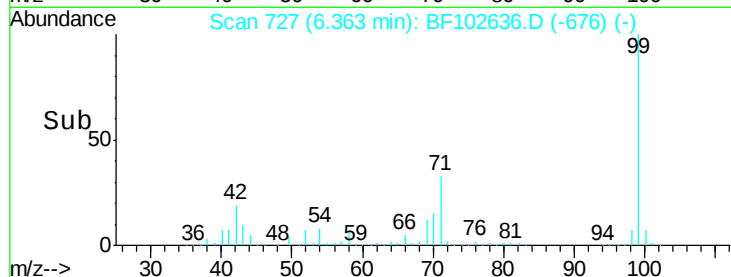
99 100

42 19.0 14.5 21.7

71 33.4 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: 2.886 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

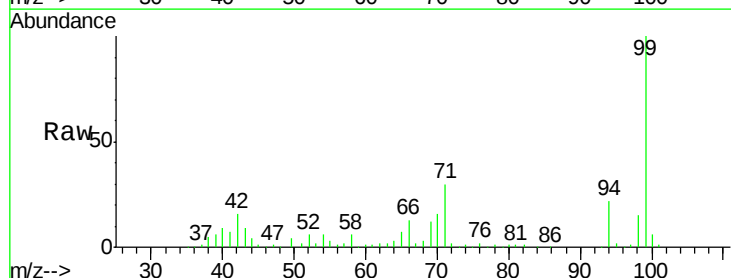
Tgt Ion: 94 Resp: 38595

Ion Ratio Lower Upper

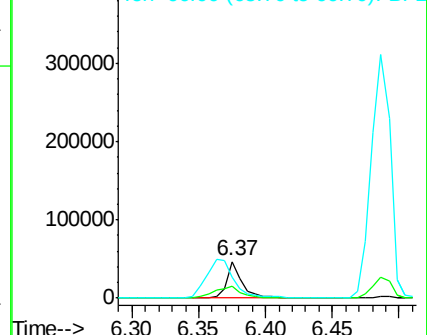
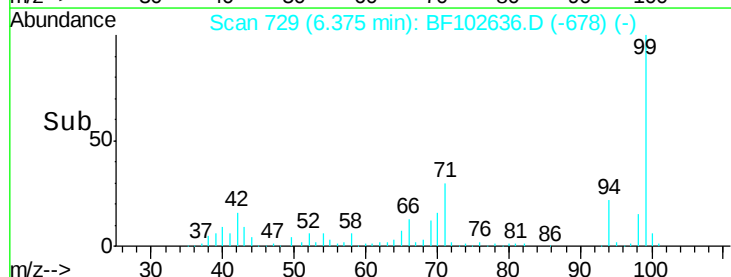
94 100

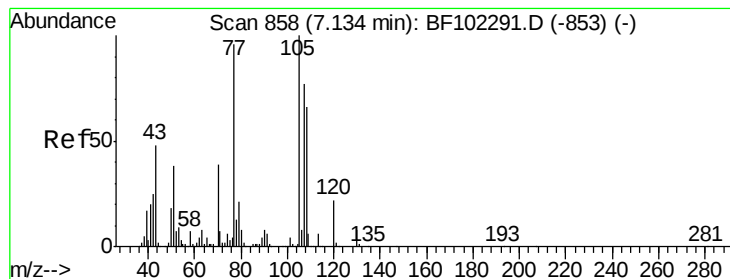
65 33.1 7.9 47.9

66 58.3 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





#20

3+4-Methylphenols

Concen: 8.890 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

Tot Ion:107 Resp: 96715

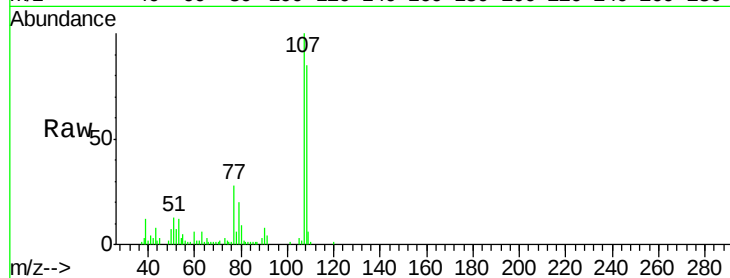
Ion Ratio Lower Upper

107 100

108 84.9 68.2 108.2

77 27.8 26.7 66.7

79 20.5 6.3 46.3

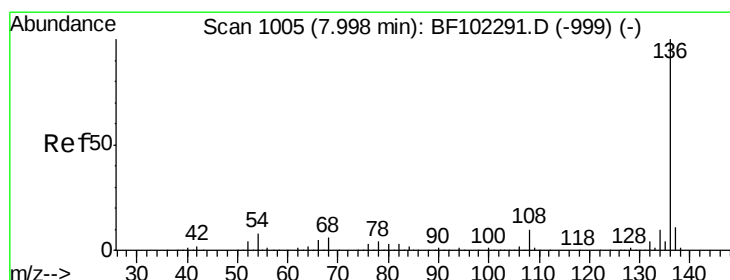
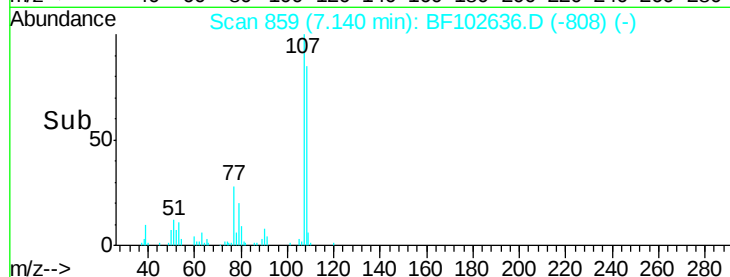
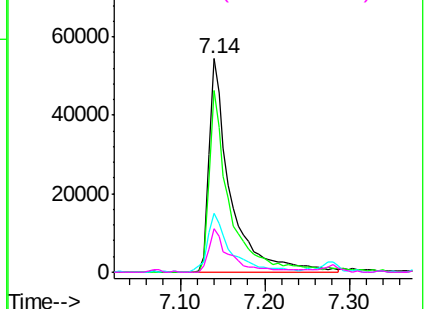


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

Tgt Ion:136 Resp: 653029

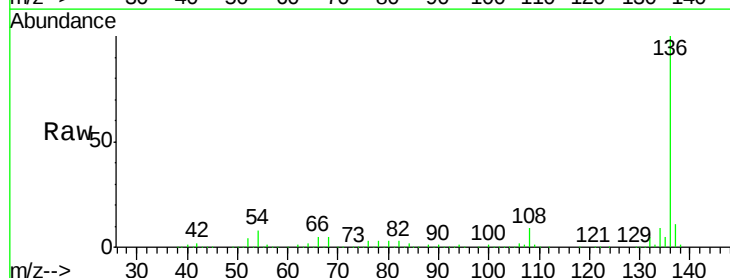
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 5.2 5.0 7.4

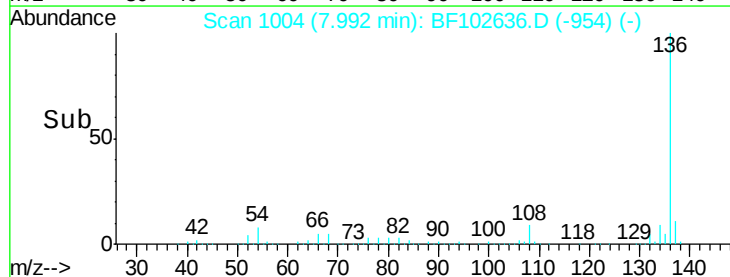
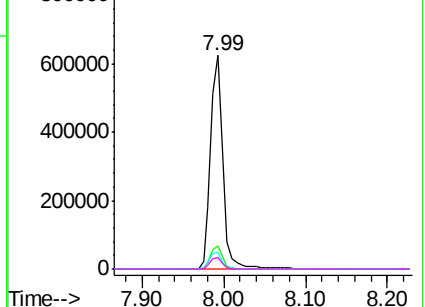


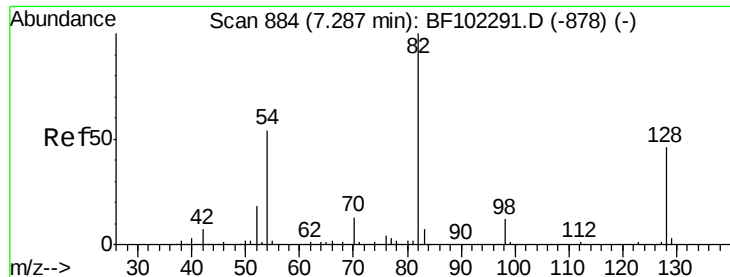
Abundance Ion 136.00 (135.70 to 136.70): E

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

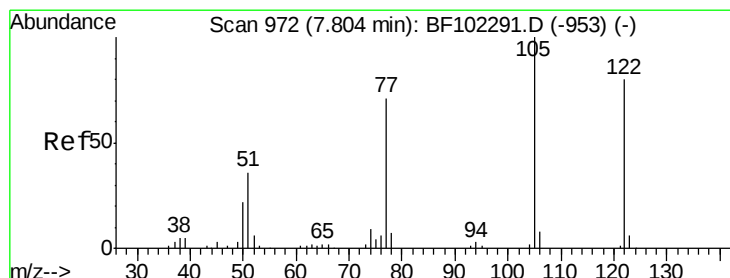
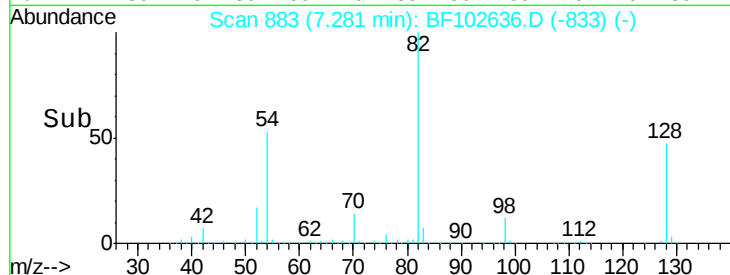
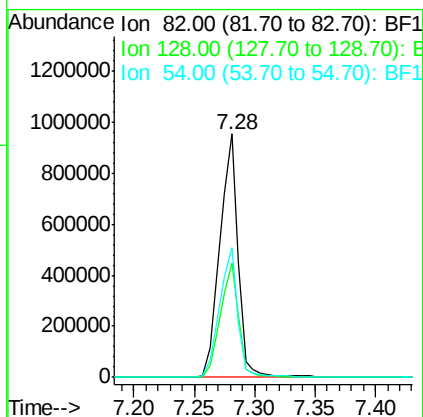
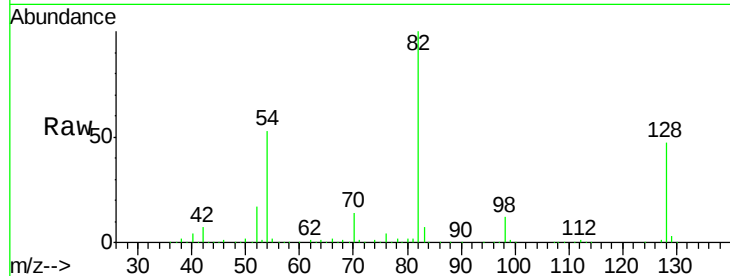




#23
Nitrobenzene-d5
Concen: 87.302 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102636.D
Acq: 30 Jan 2018 13:48

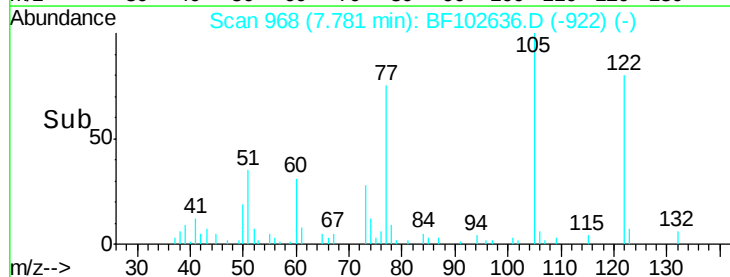
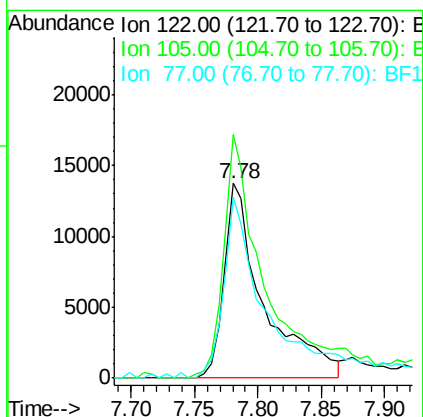
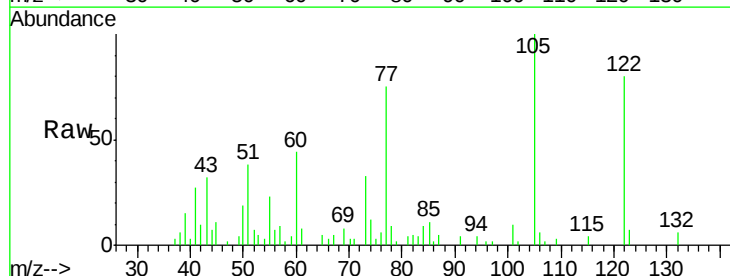
Instrument :
BNA_F
ClientSampleId :
BUS-WASH

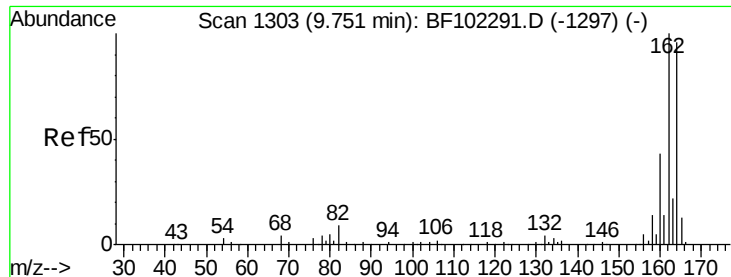
Tot Ion: 82 Resp: 992060
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 53.4 41.4 62.2



#32
Benzoic acid
Concen: 3.993 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.03 min
Lab File: BF102636.D
Acq: 30 Jan 2018 13:48

Tgt Ion: 122 Resp: 29733
Ion Ratio Lower Upper
122 100
105 125.2 101.1 141.1
77 93.3 70.7 110.7

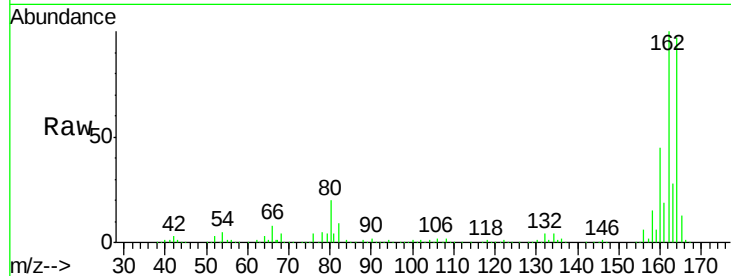




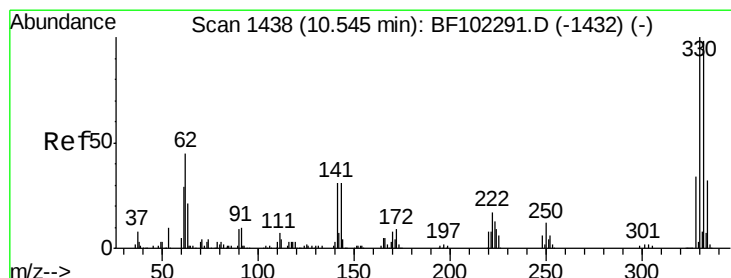
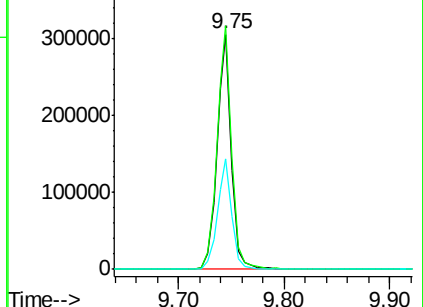
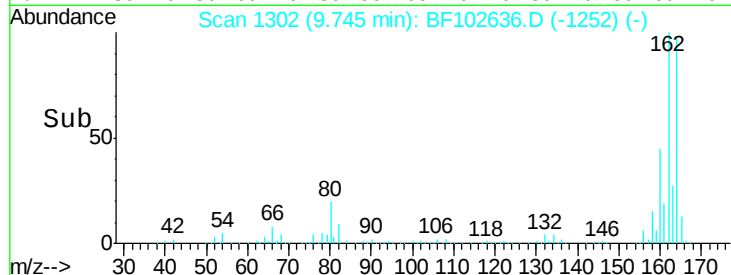
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102636.D
 Acq: 30 Jan 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.9	38.3	57.5

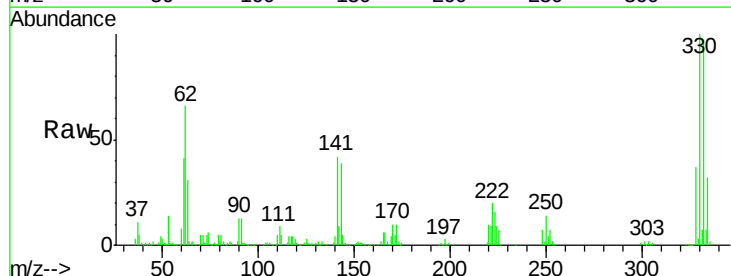


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

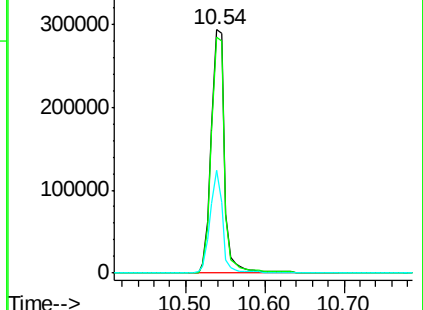
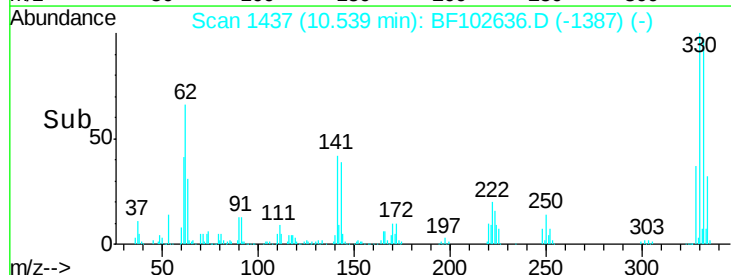


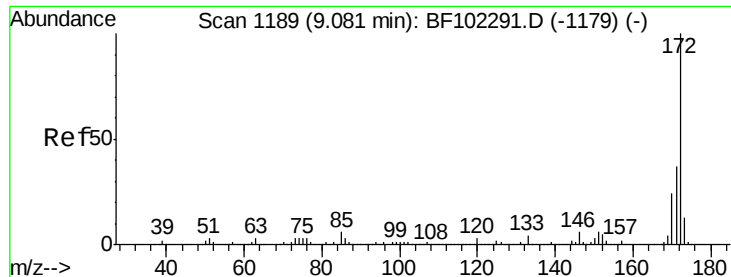
#41
 2,4,6-Tribromophenol
 Concen: 118.987 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102636.D
 Acq: 30 Jan 2018 13:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.1	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



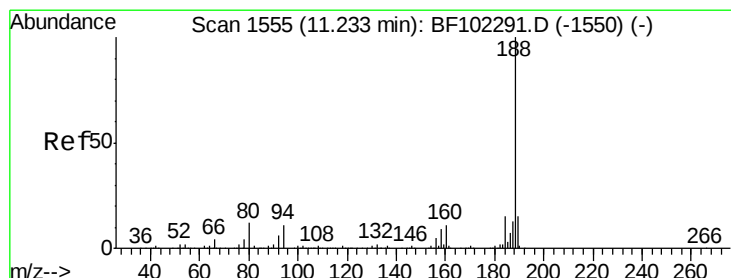
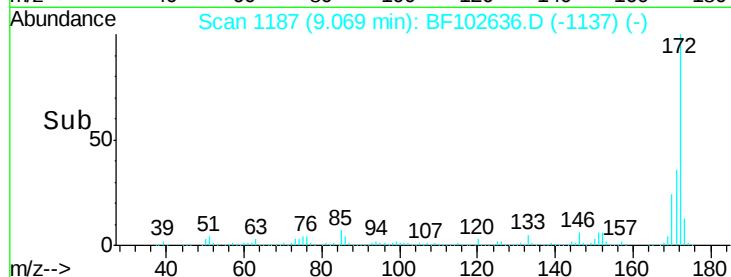
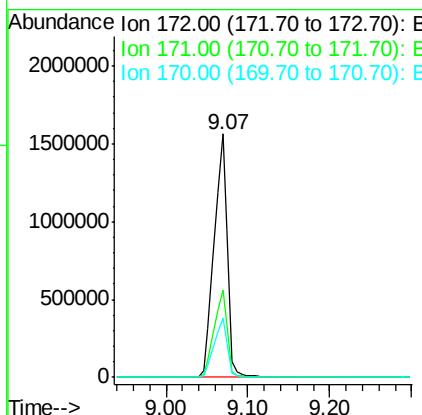
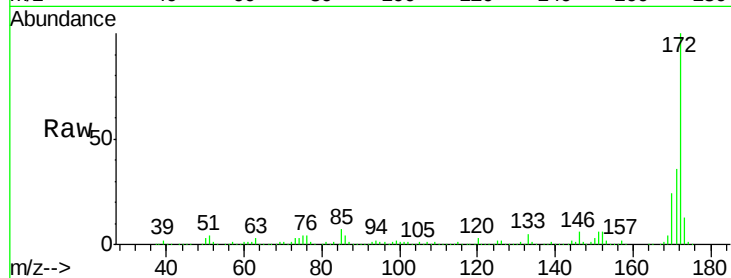


#44
 2-Fluorobiphenyl
 Concen: 89.985 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102636.D
 Acq: 30 Jan 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH

Tot Ion:172 Resp: 1790073

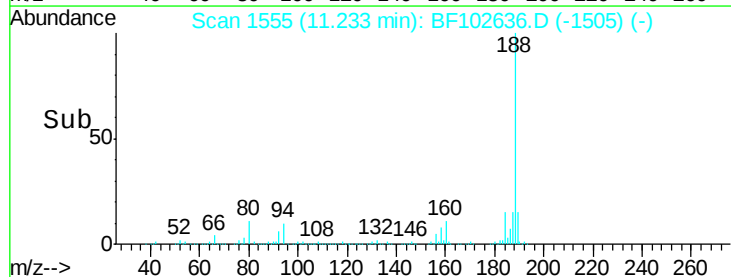
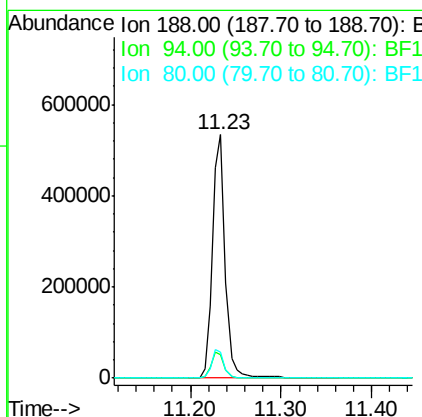
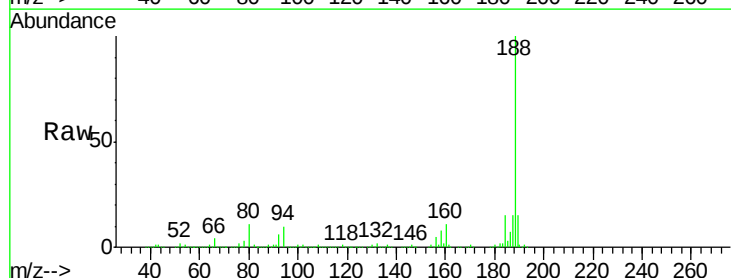
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4

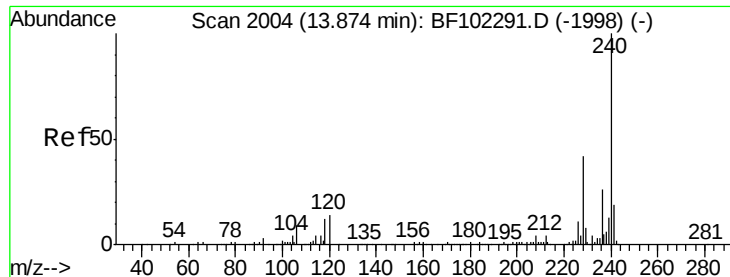


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102636.D
 Acq: 30 Jan 2018 13:48

Tgt Ion:188 Resp: 526356

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

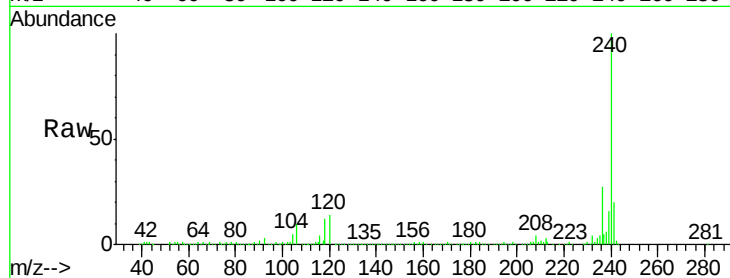
Tot Ion:240 Resp: 462405

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

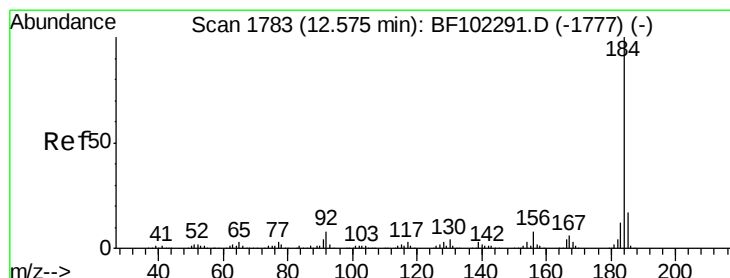
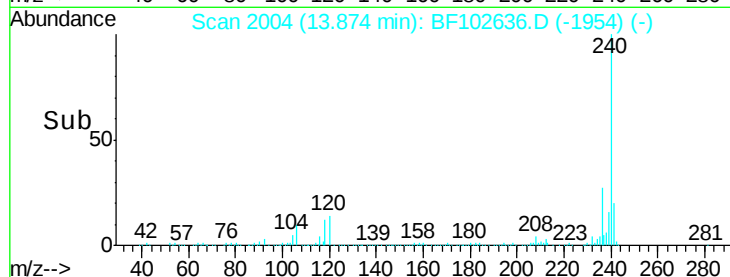
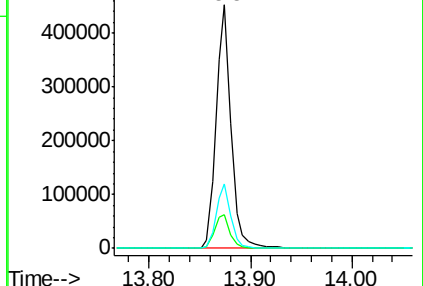
236 26.5 20.7 31.1



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



#76

Benzidine

Concen: 11.468 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

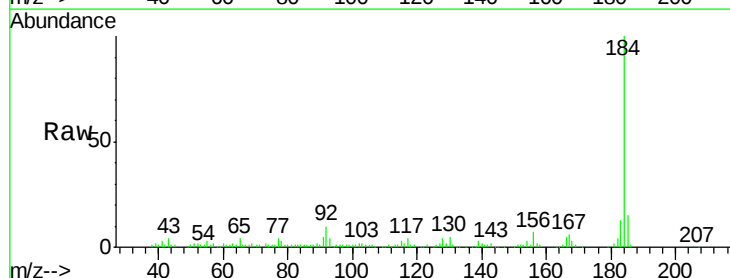
Tgt Ion:184 Resp: 178145

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

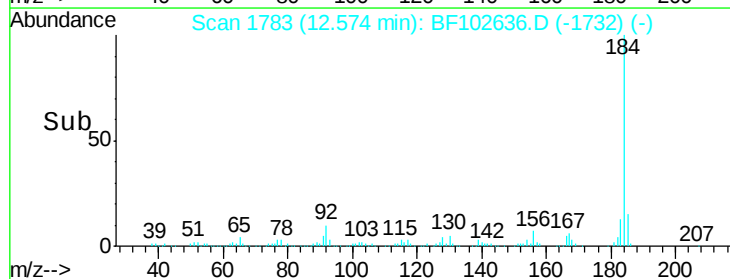
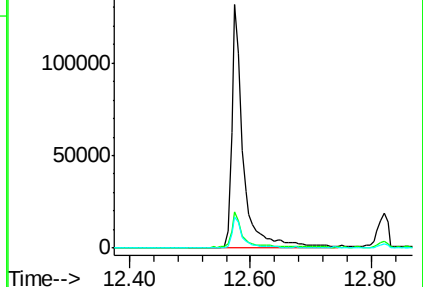
183 12.6 9.3 13.9

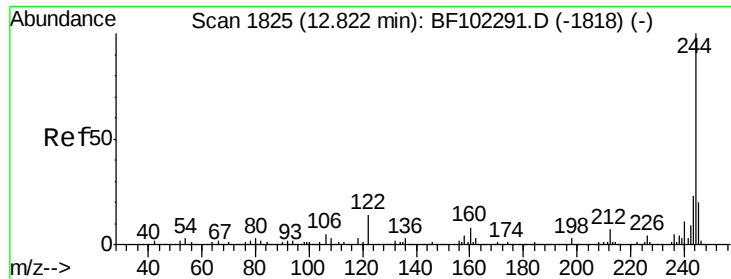


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 83.100 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

Instrument :

BNA_F

ClientSampleId :

BUS-WASH

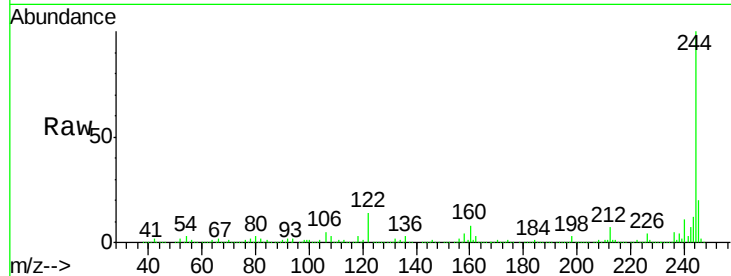
Tot Ion:244 Resp: 1704509

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

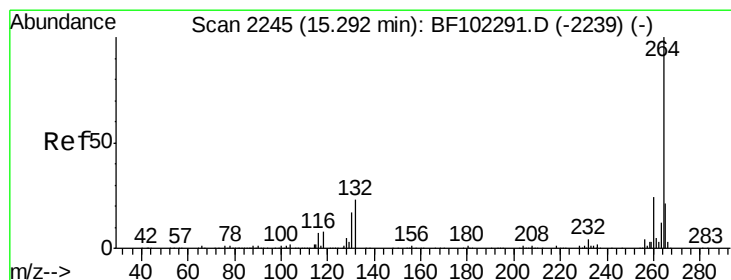
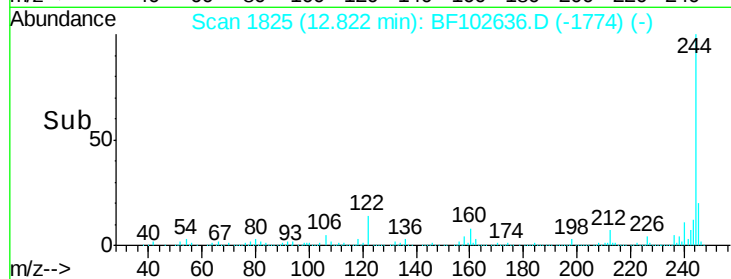
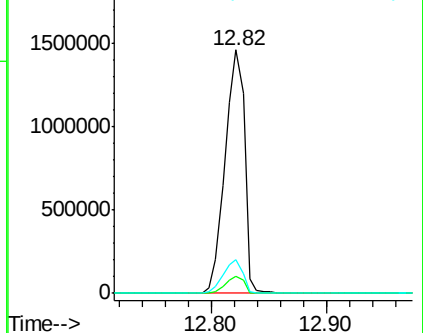
122 13.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF102636.D

Acq: 30 Jan 2018 13:48

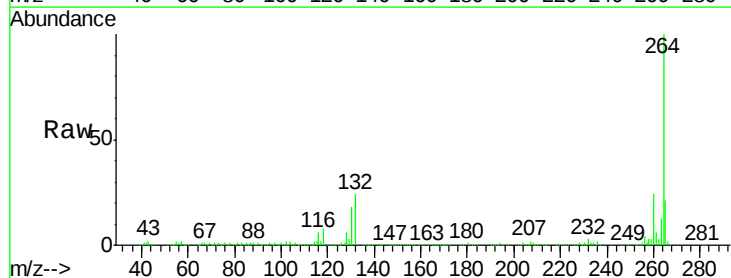
Tgt Ion:264 Resp: 409852

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

