

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
 Data File : BG030725.D
 Acq On : 4 Nov 2017 6:53
 Operator : SJ/JU
 Sample : I6160-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SW-1

Quant Time: Nov 04 12:11:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

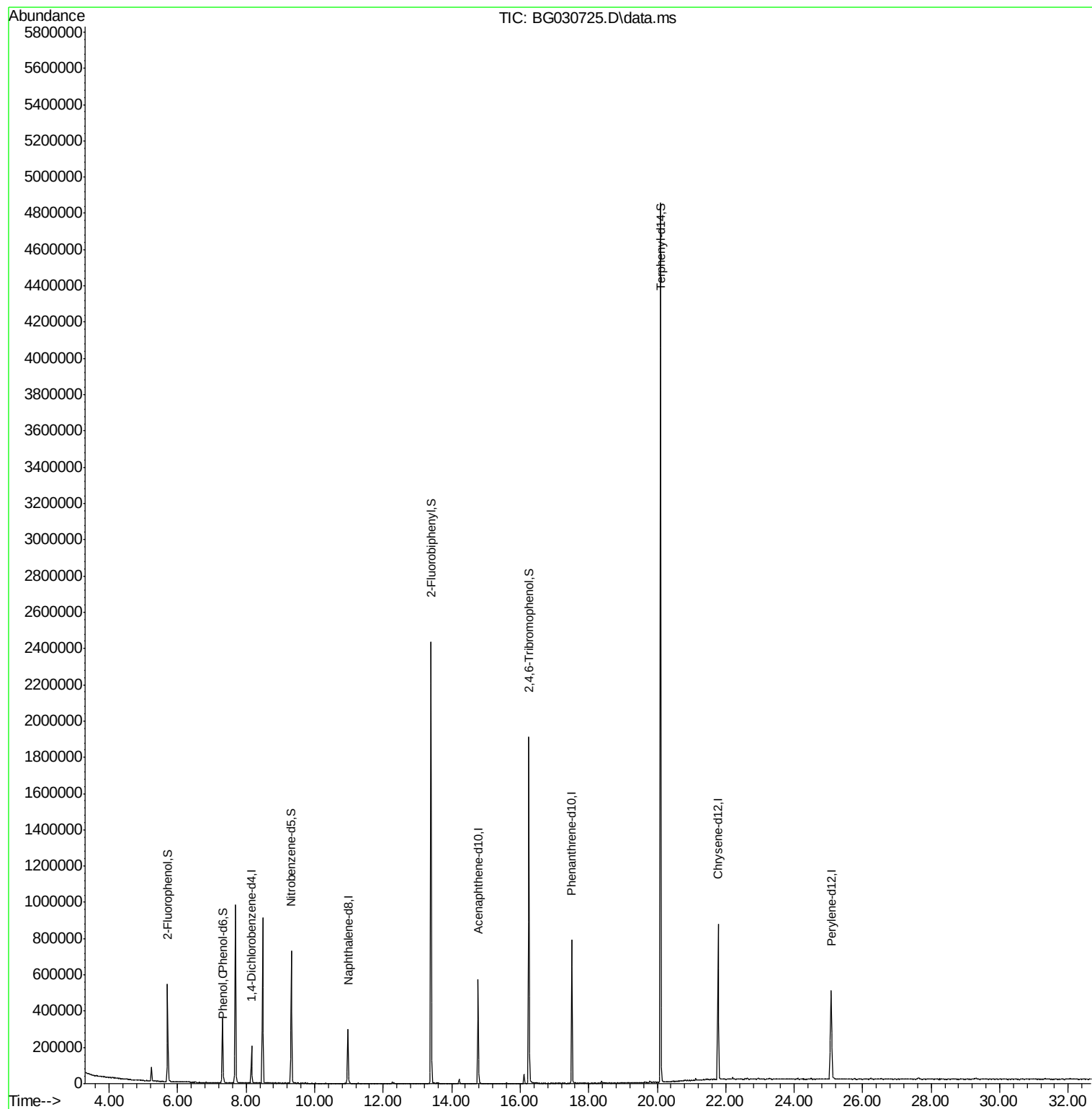
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.154	152	60292	20.00	ng	0.00
21) Naphthalene-d8	10.969	136	287854	20.00	ng	0.00
38) Acenaphthene-d10	14.770	164	202736	20.00	ng	0.00
63) Phenanthrene-d10	17.508	188	494827	20.00	ng	0.00
75) Chrysene-d12	21.780	240	542819	20.00	ng	0.00
86) Perylene-d12	25.082	264	542884	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	257244	71.28	ng	0.00
7) Phenol-d6	7.308	99	226485	44.71	ng	0.00
23) Nitrobenzene-d5	9.318	82	454098	100.25	ng	0.00
41) 2,4,6-Tribromophenol	16.251	330	390465	149.17	ng	0.00
44) 2-Fluorobiphenyl	13.395	172	1324536	95.82	ng	0.00
78) Terphenyl-d14	20.099	244	2133098	89.40	ng	0.00
Target Compounds						
10) Phenol	7.332	94	11662	2.14	ng	Qvalue 97

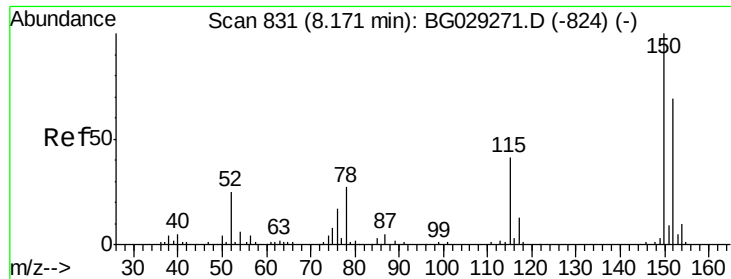
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.154 min Scan# 82

Delta R.T. 0.002 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

Instrument :

BNA_G

ClientSampleId :

RLF-SW-1

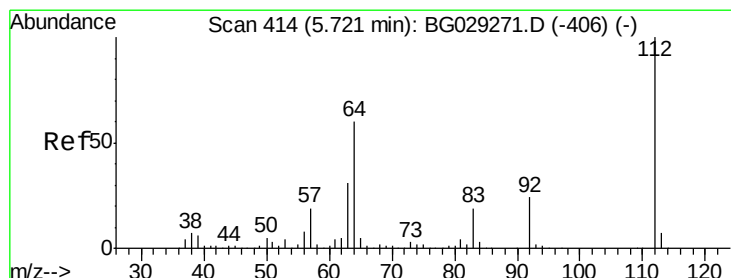
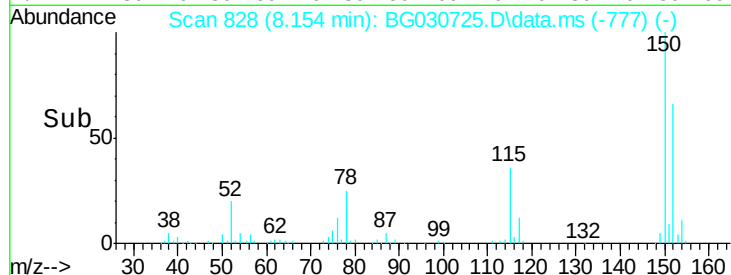
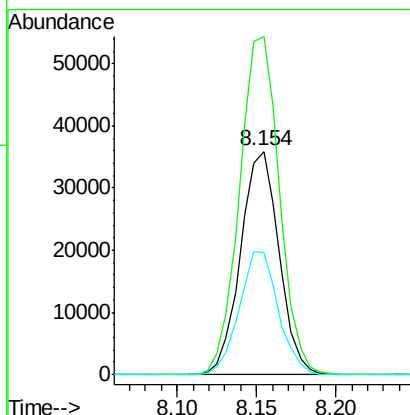
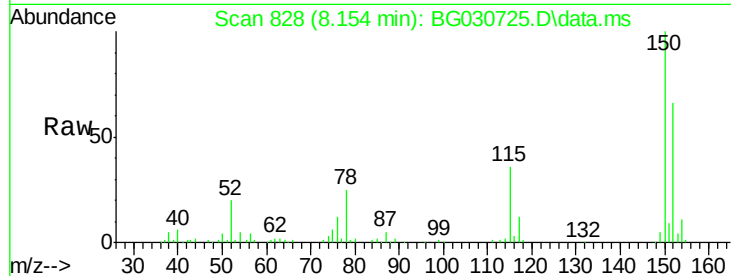
Tot Ion:152 Resp: 60292

Ion Ratio Lower Upper

152 100

150 151.3 126.6 189.8

115 54.7 53.0 79.4



#5

2-Fluorophenol

Concen: 71.28 ng

RT: 5.704 min Scan# 411

Delta R.T. -0.004 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

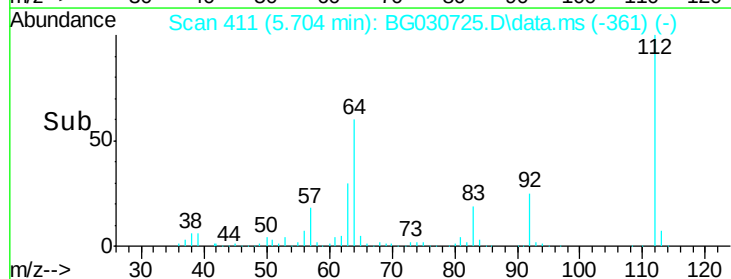
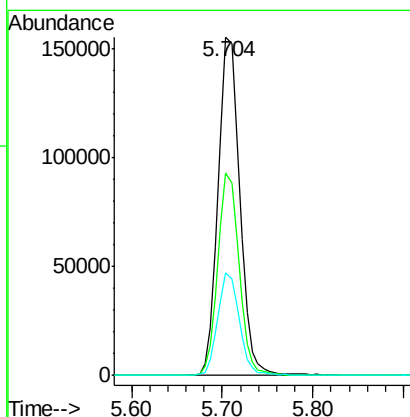
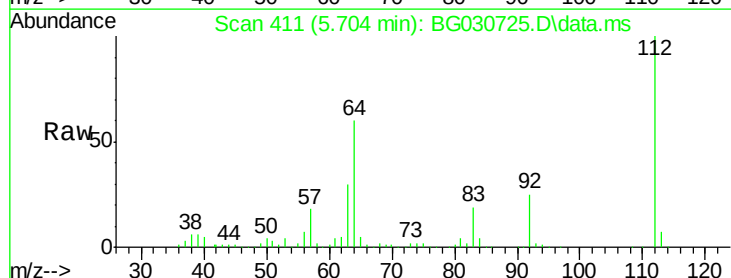
Tgt Ion:112 Resp: 257244

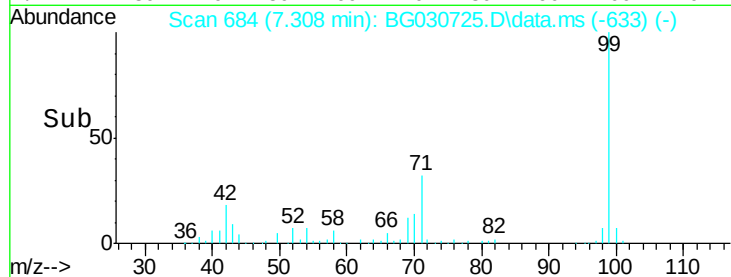
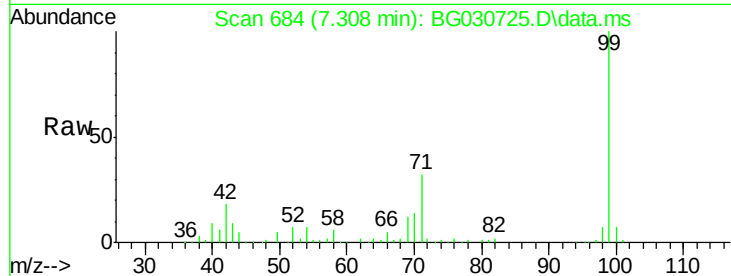
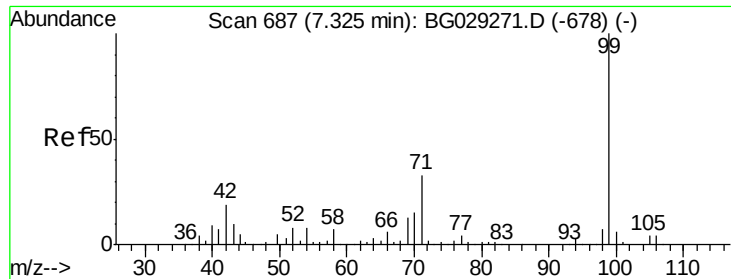
Ion Ratio Lower Upper

112 100

64 59.9 56.3 84.5

63 30.5 30.1 45.1





#7

Phenol-d6

Concen: 44.71 ng

RT: 7.308 min Scan# 68

Delta R.T. 0.002 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

Instrument :

BNA_G

ClientSampleId :

RLF-SW-1

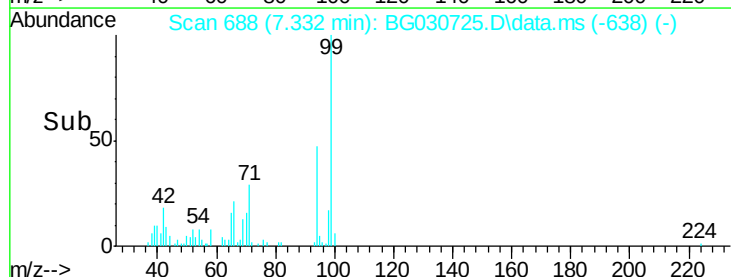
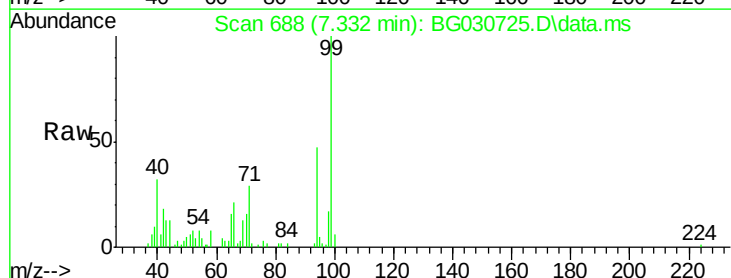
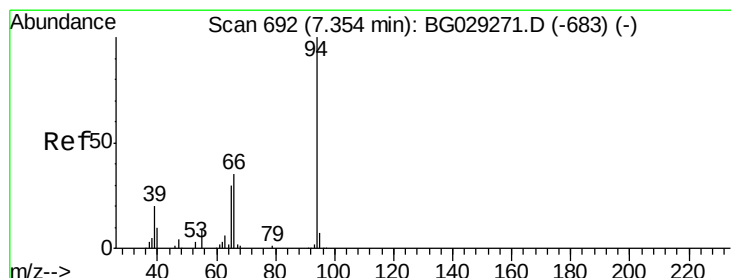
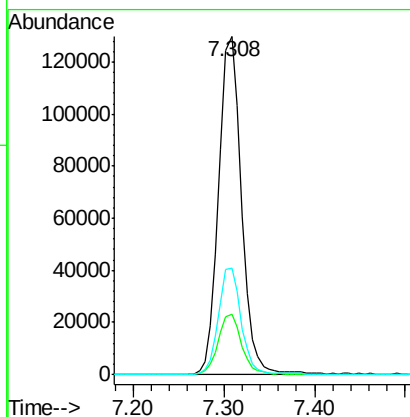
Tot Ion: 99 Resp: 226485

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

71 31.6 26.1 39.1



#10

Phenol

Concen: 2.14 ng

RT: 7.332 min Scan# 688

Delta R.T. -0.004 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

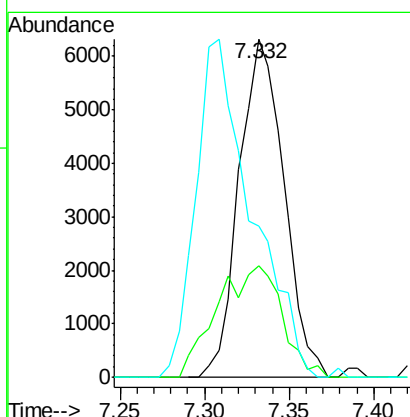
Tgt Ion: 94 Resp: 11662

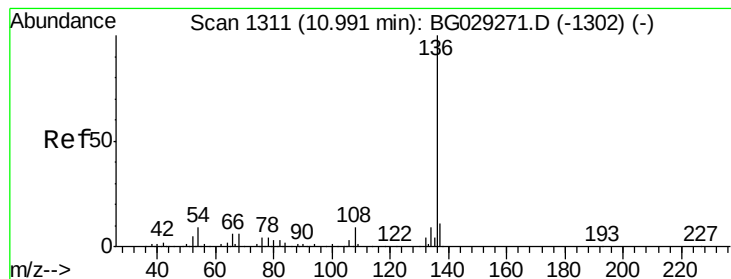
Ion Ratio Lower Upper

94 100

65 33.1 11.9 51.9

66 44.8 22.2 62.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.969 min Scan# 1311

Delta R.T. 0.002 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

Instrument :

BNA_G

ClientSampleId :

RLF-SW-1

Tot Ion:136 Resp: 287854

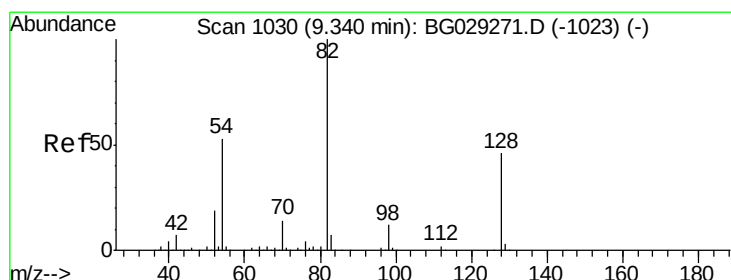
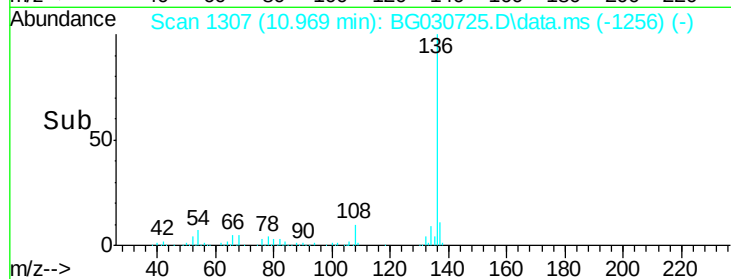
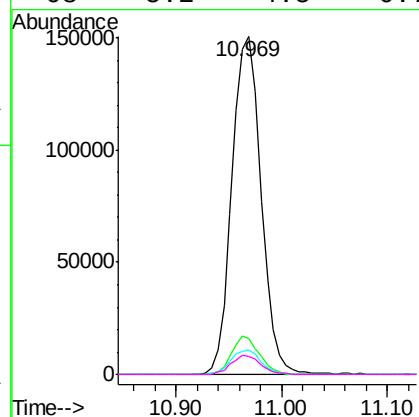
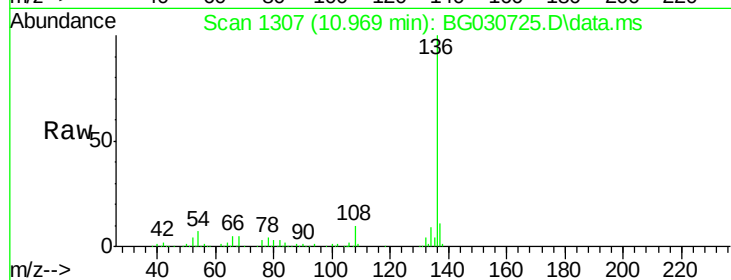
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.3 10.3 15.5#

68 5.2 4.5 6.7



#23

Nitrobenzene-d5

Concen: 100.25 ng

RT: 9.318 min Scan# 1026

Delta R.T. -0.004 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

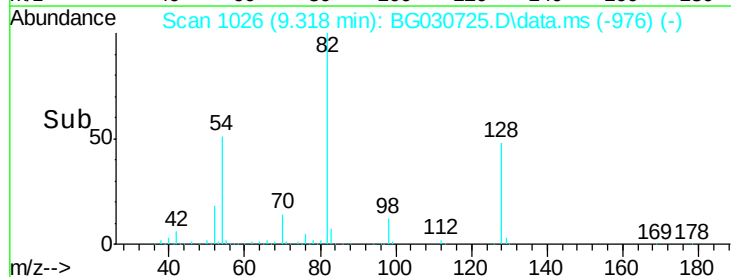
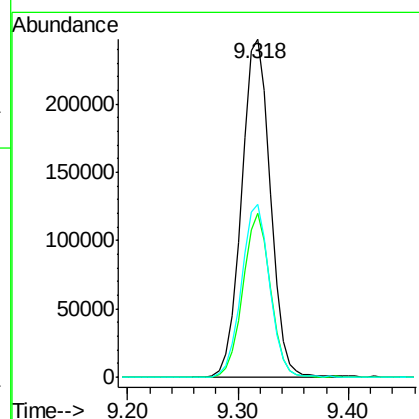
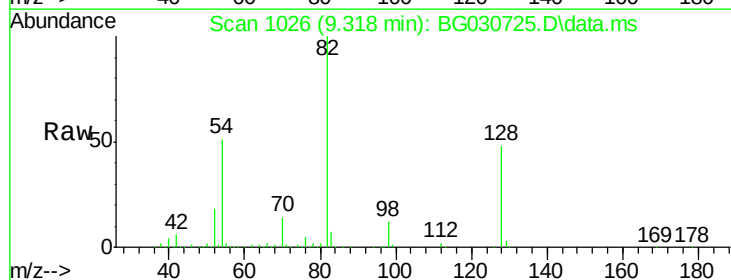
Tgt Ion: 82 Resp: 454098

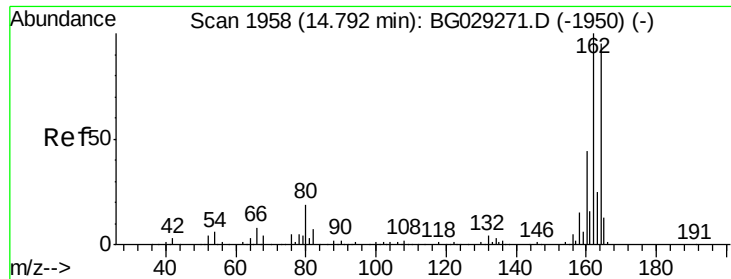
Ion Ratio Lower Upper

82 100

128 48.3 29.7 44.5#

54 51.0 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.770 min Scan# 19

Delta R.T. -0.004 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

Instrument :

BNA_G

ClientSampleId :

RLF-SW-1

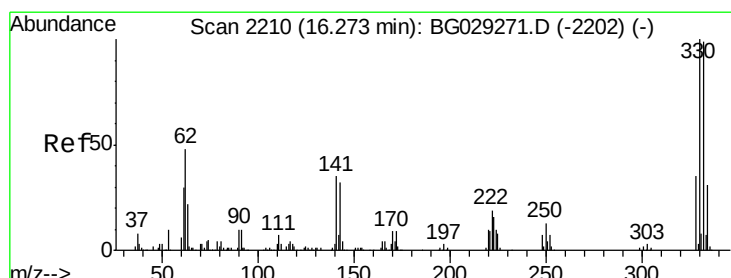
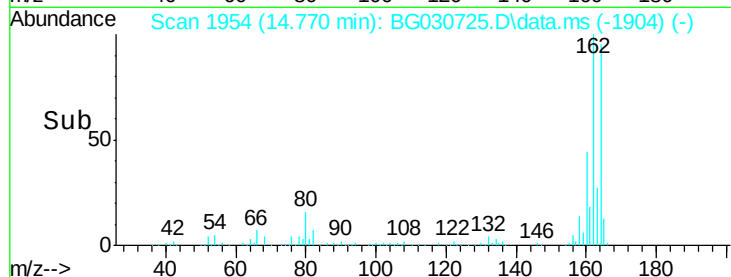
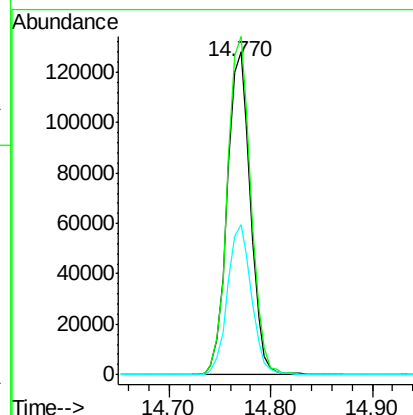
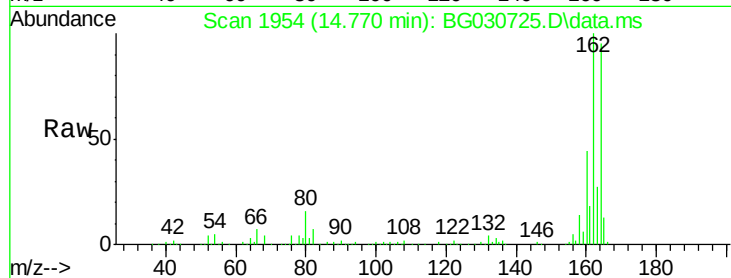
Tot Ion:164 Resp: 202736

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

160 46.6 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 149.17 ng

RT: 16.251 min Scan# 2206

Delta R.T. -0.004 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

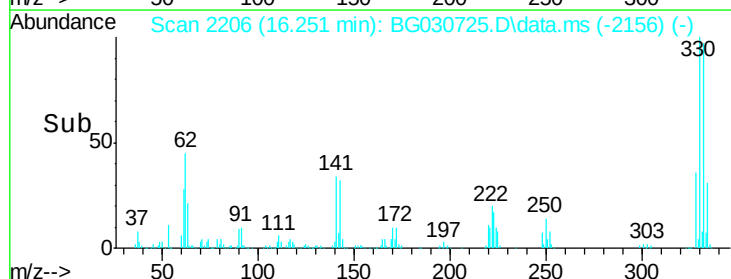
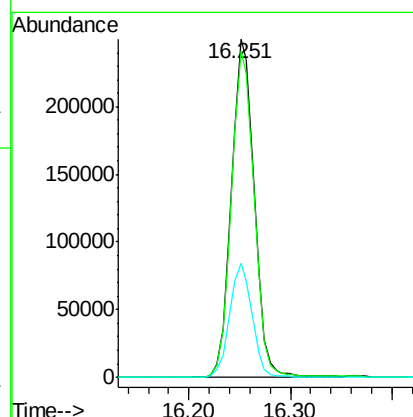
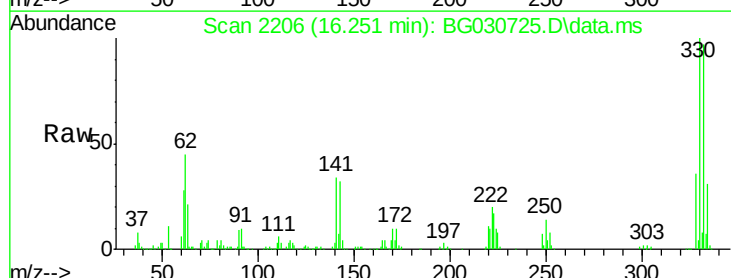
Tgt Ion:330 Resp: 390465

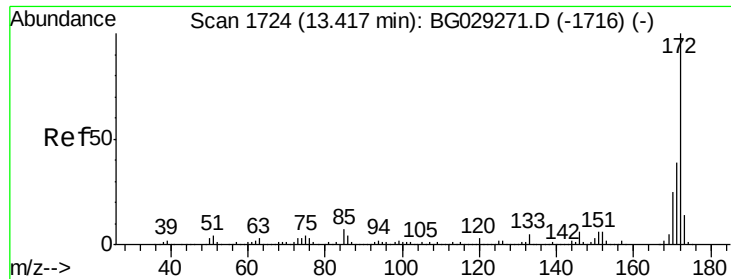
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 33.0 25.2 37.8



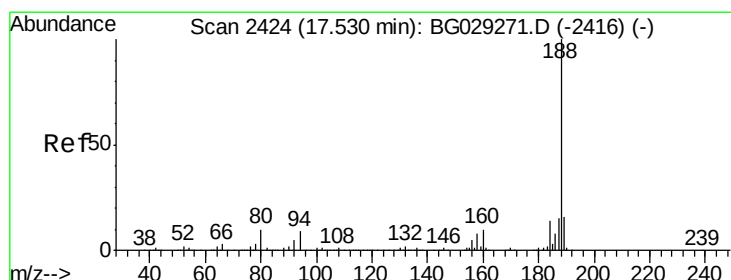
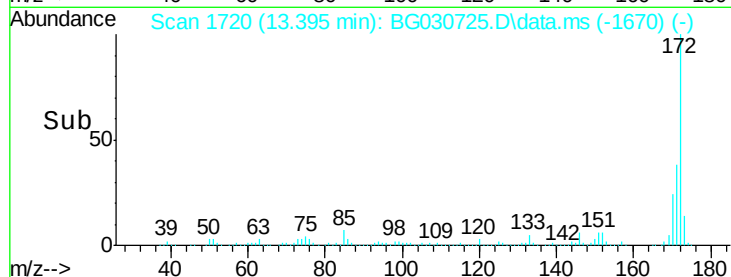
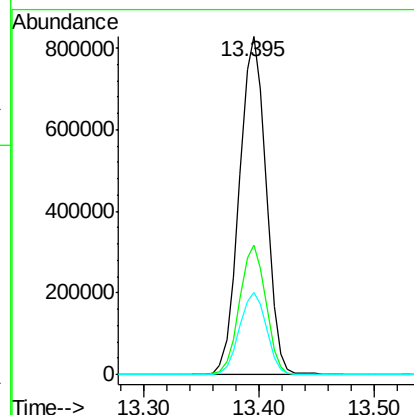
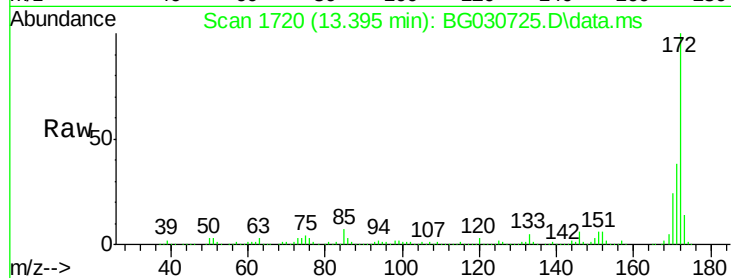


#44
 2-Fluorobiphenyl
 Concen: 95.82 ng
 RT: 13.395 min Scan# 17
 Delta R.T. -0.004 min
 Lab File: BG030725.D
 Acq: 4 Nov 2017 6:53

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SW-1

Tot Ion:172 Resp: 1324536

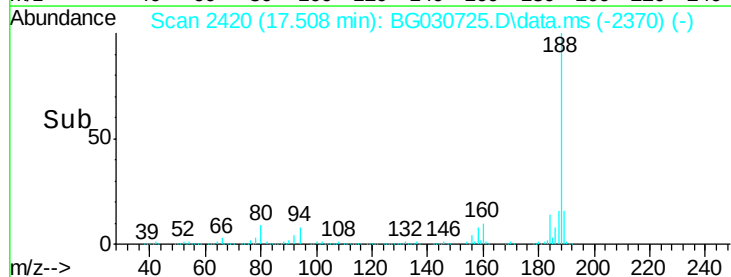
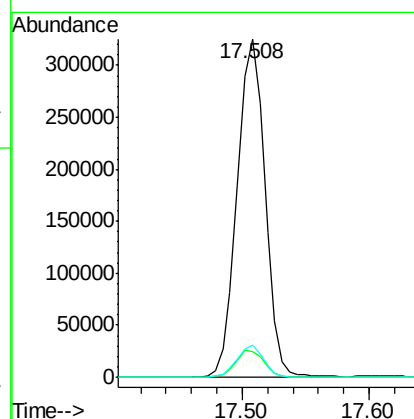
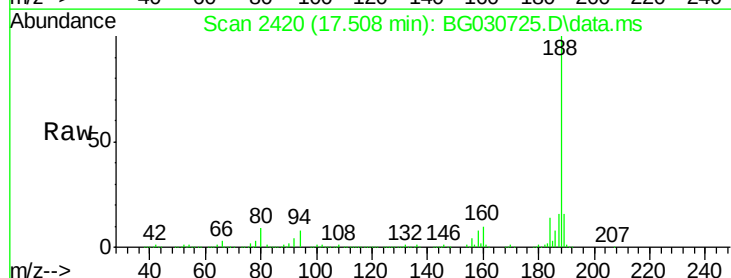
Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.1	19.5	29.3

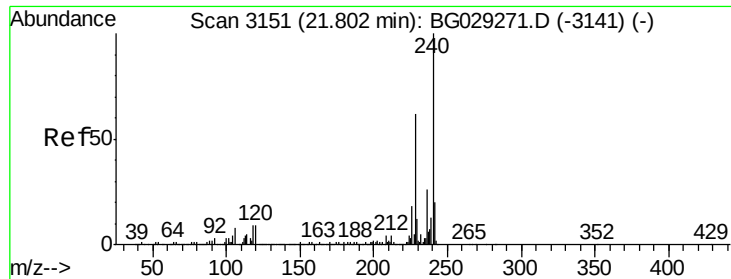


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.508 min Scan# 2420
 Delta R.T. -0.004 min
 Lab File: BG030725.D
 Acq: 4 Nov 2017 6:53

Tgt Ion:188 Resp: 494827

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.5	7.7	11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.780 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

Instrument :

BNA_G

ClientSampleId :

RLF-SW-1

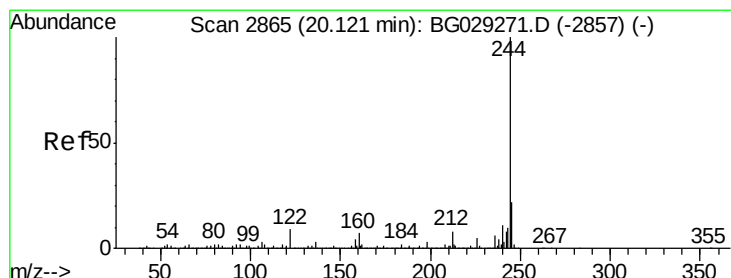
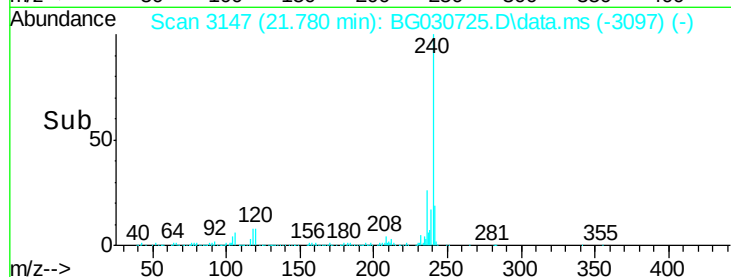
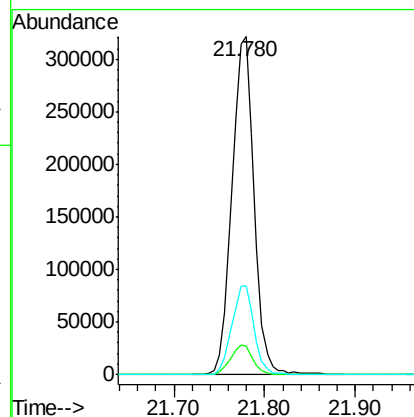
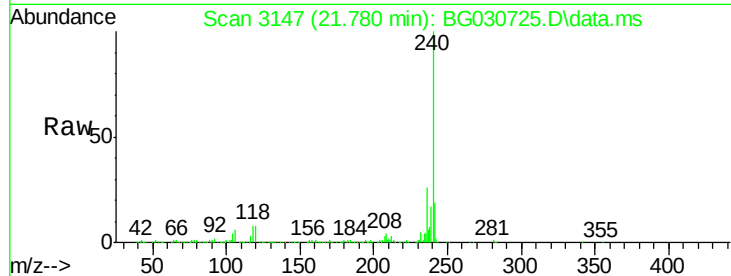
Tot Ion:240 Resp: 542819

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

236 26.3 20.9 31.3



#78

Terphenyl-d14

Concen: 89.40 ng

RT: 20.099 min Scan# 2861

Delta R.T. 0.002 min

Lab File: BG030725.D

Acq: 4 Nov 2017 6:53

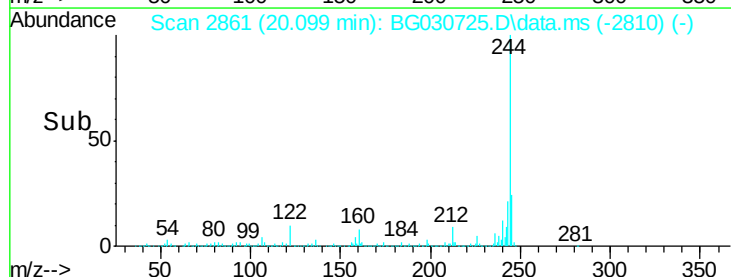
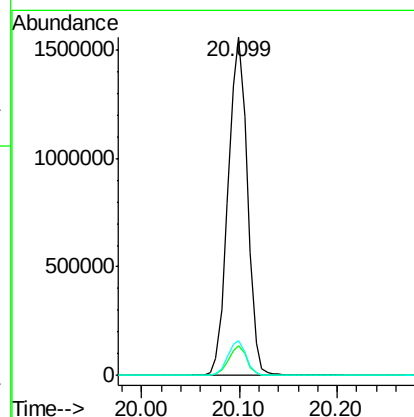
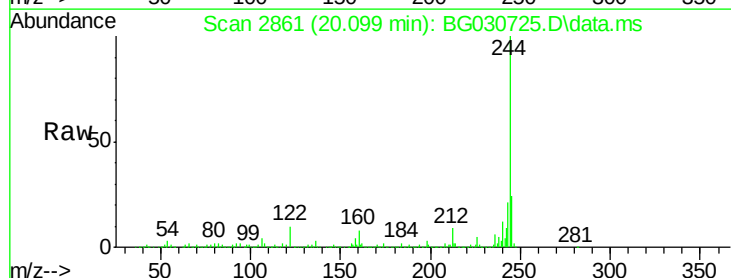
Tgt Ion:244 Resp: 2133098

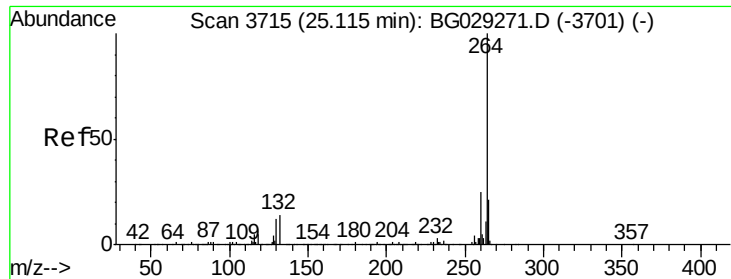
Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 10.3 7.0 10.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.082 min Scan# 37
Delta R.T. -0.010 min
Lab File: BG030725.D
Acq: 4 Nov 2017 6:53

Instrument :
BNA_G
ClientSampleId :
RLF-SW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.1	17.7	26.5

