

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
 Data File : BG030726.D
 Acq On : 4 Nov 2017 7:30
 Operator : SJ/JU
 Sample : I6160-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SW-3

Quant Time: Nov 04 12:11:49 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

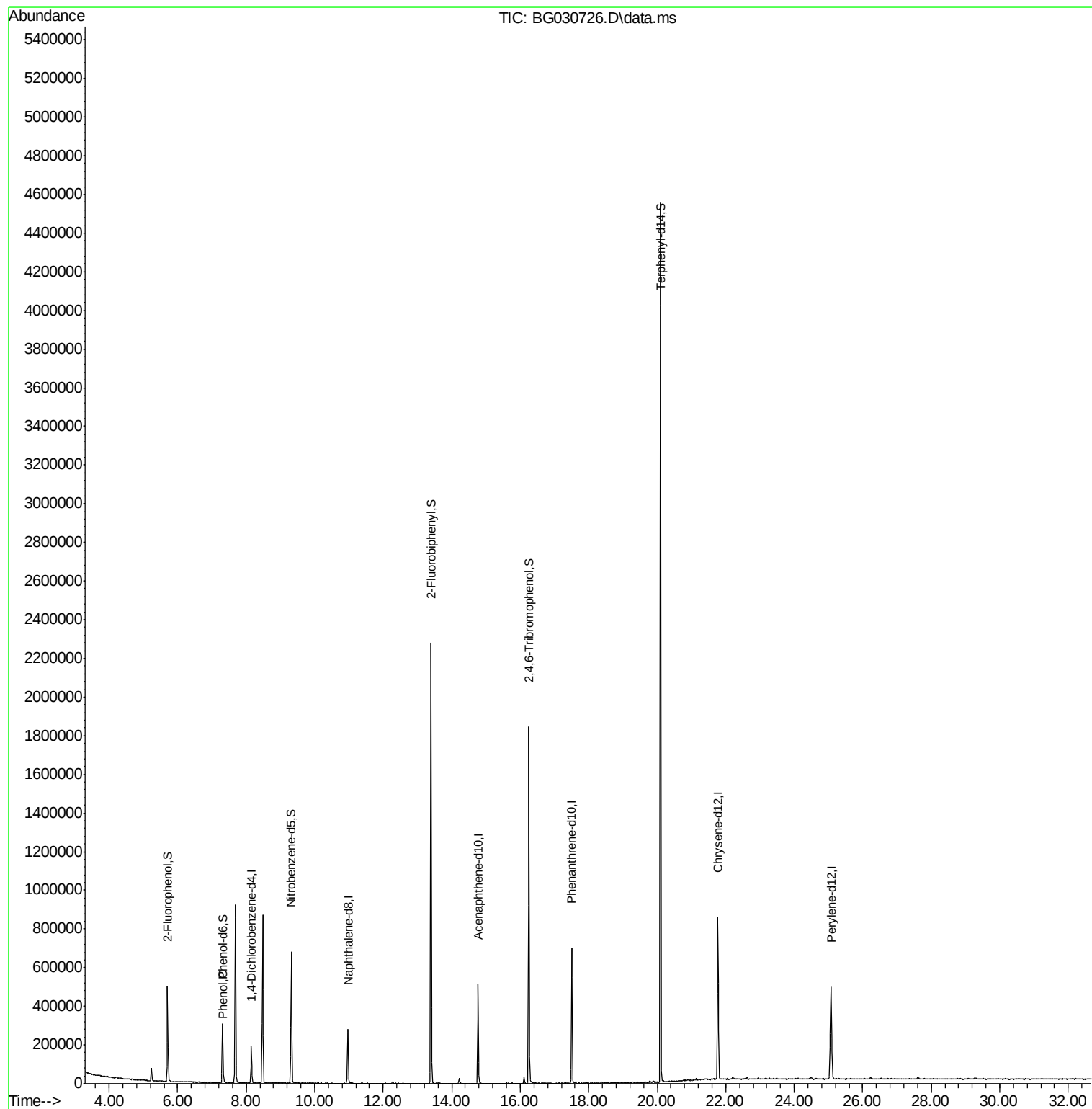
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.155	152	56834	20.00	ng	0.00
21) Naphthalene-d8	10.969	136	261349	20.00	ng	0.00
38) Acenaphthene-d10	14.770	164	182546	20.00	ng	0.00
63) Phenanthrene-d10	17.508	188	457822	20.00	ng	0.00
75) Chrysene-d12	21.774	240	523585	20.00	ng	0.00
86) Perylene-d12	25.076	264	529698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	236093	69.40	ng	0.00
7) Phenol-d6	7.309	99	196548	41.16	ng	0.00
23) Nitrobenzene-d5	9.318	82	419207	101.93	ng	0.00
41) 2,4,6-Tribromophenol	16.251	330	366317	155.43	ng	0.00
44) 2-Fluorobiphenyl	13.396	172	1226162	98.52	ng	0.00
78) Terphenyl-d14	20.099	244	2051002	89.11	ng	0.00
Target Compounds						
10) Phenol	7.332	94	15292	2.97	ng	Qvalue 94

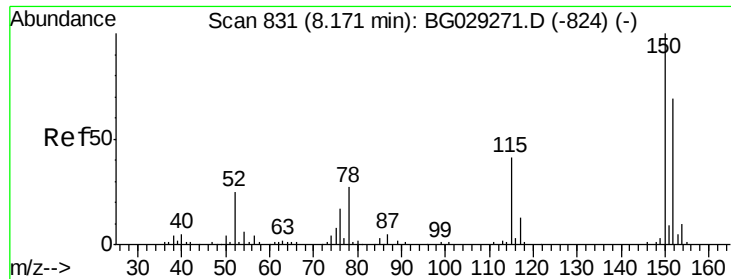
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.155 min Scan# 82

Delta R.T. 0.002 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

Instrument :

BNA_G

ClientSampleId :

RLF-SW-3

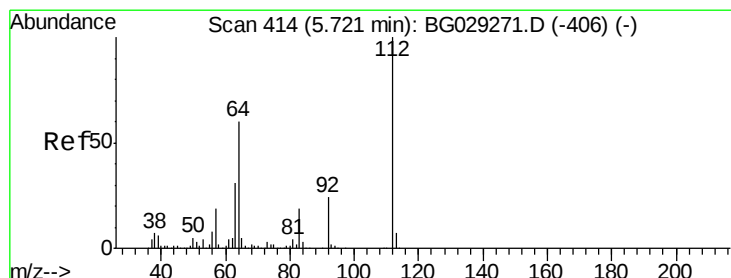
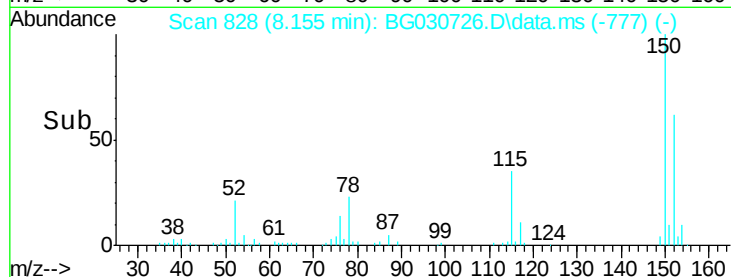
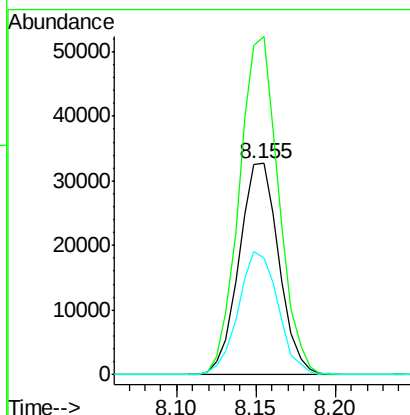
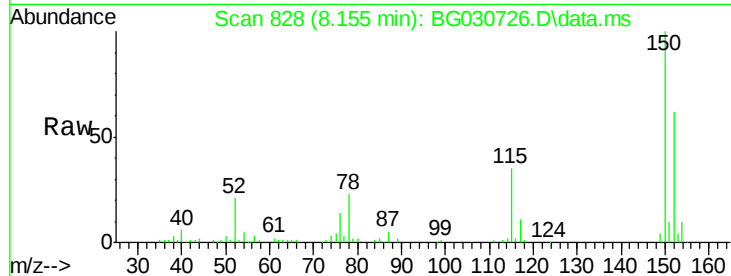
Tot Ion:152 Resp: 56834

Ion Ratio Lower Upper

152 100

150 160.4 126.6 189.8

115 55.6 53.0 79.4



#5

2-Fluorophenol

Concen: 69.40 ng

RT: 5.705 min Scan# 411

Delta R.T. -0.004 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

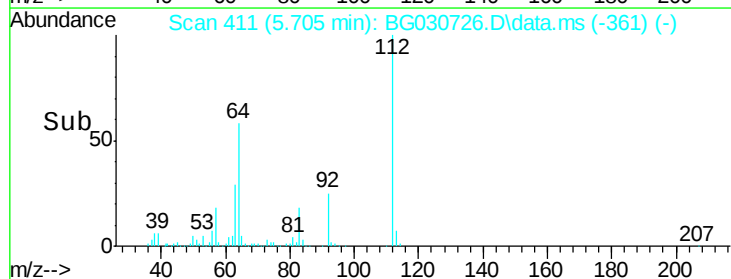
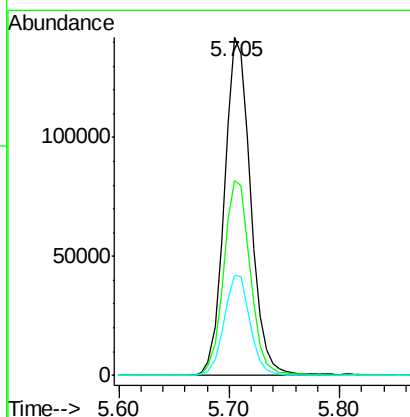
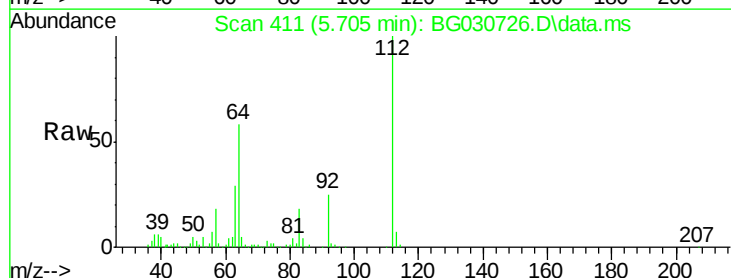
Tgt Ion:112 Resp: 236093

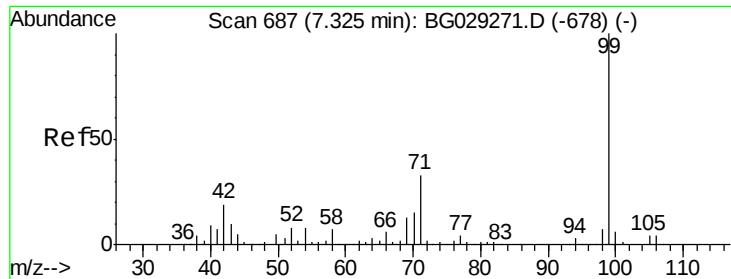
Ion Ratio Lower Upper

112 100

64 57.6 56.3 84.5

63 29.4 30.1 45.1#





#7

Phenol-d6

Concen: 41.16 ng

RT: 7.309 min Scan# 68

Delta R.T. 0.002 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

Instrument :

BNA_G

ClientSampleId :

RLF-SW-3

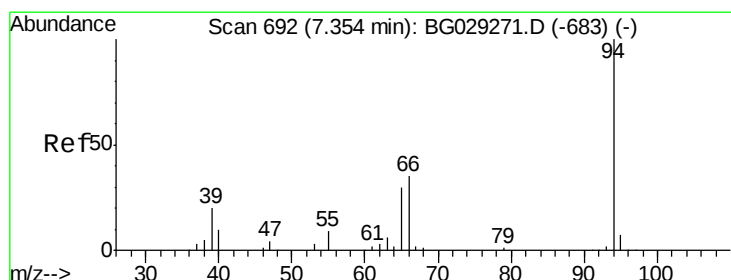
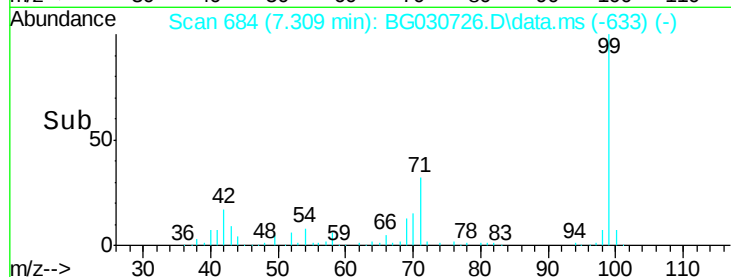
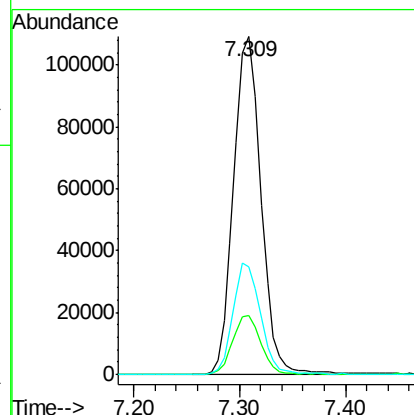
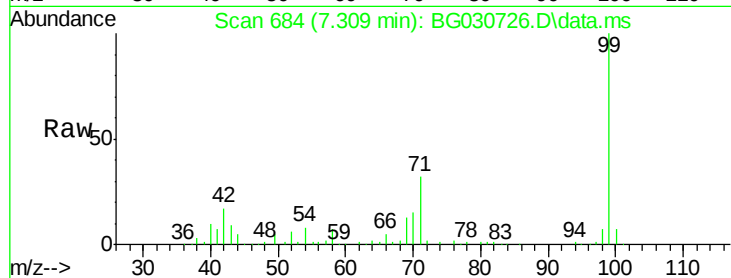
Tot Ion: 99 Resp: 196548

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 31.7 26.1 39.1



#10

Phenol

Concen: 2.97 ng

RT: 7.332 min Scan# 688

Delta R.T. -0.004 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

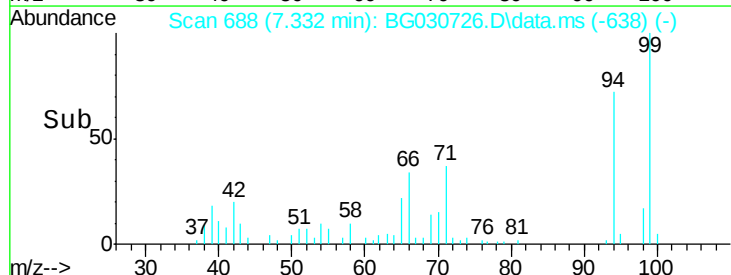
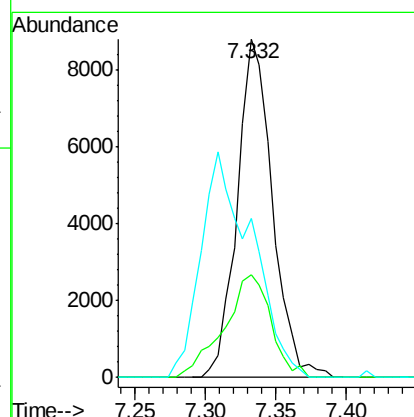
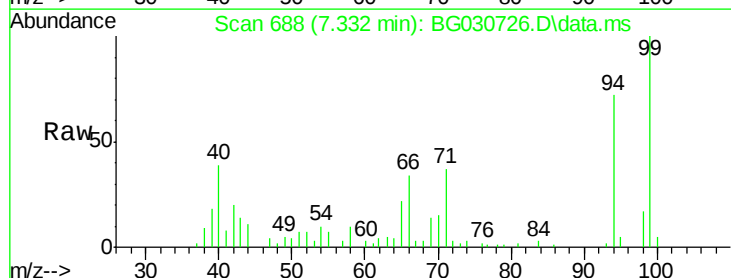
Tgt Ion: 94 Resp: 15292

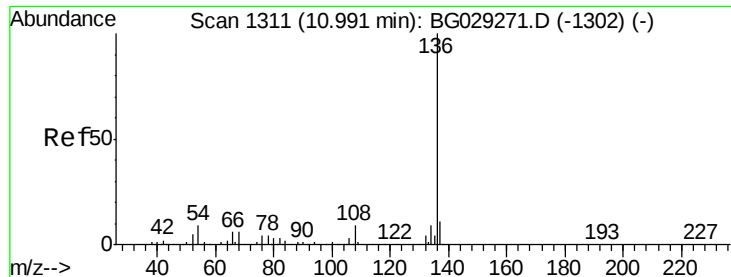
Ion Ratio Lower Upper

94 100

65 30.2 11.9 51.9

66 46.9 22.2 62.2

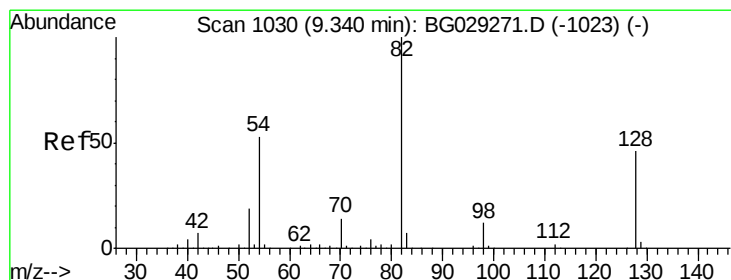
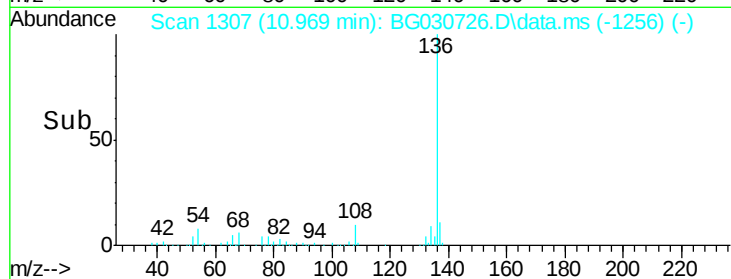
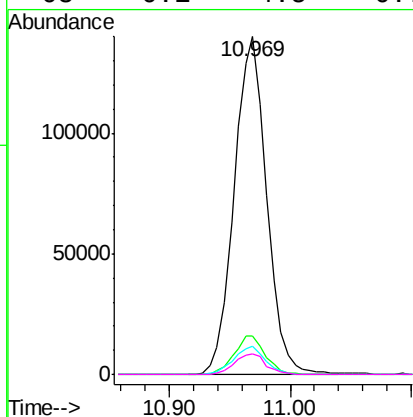
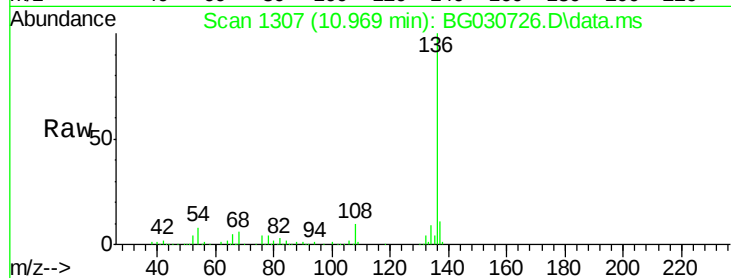




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.969 min Scan# 1311
Delta R.T. 0.002 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

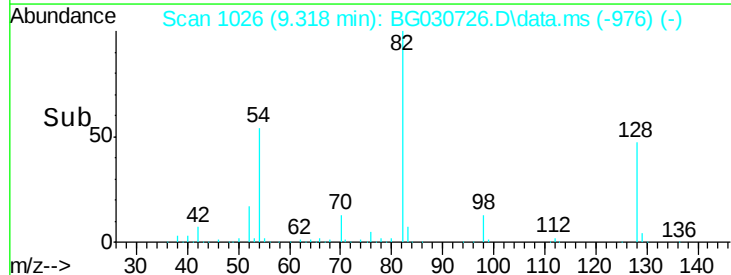
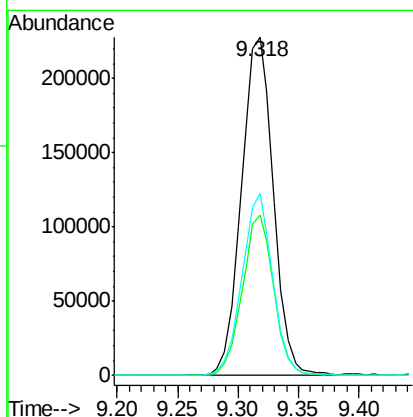
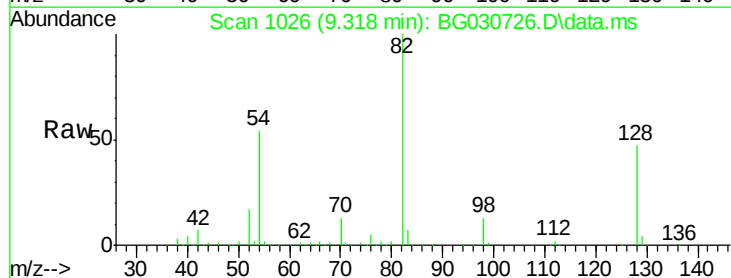
Instrument :
BNA_G
ClientSampleId :
RLF-SW-3

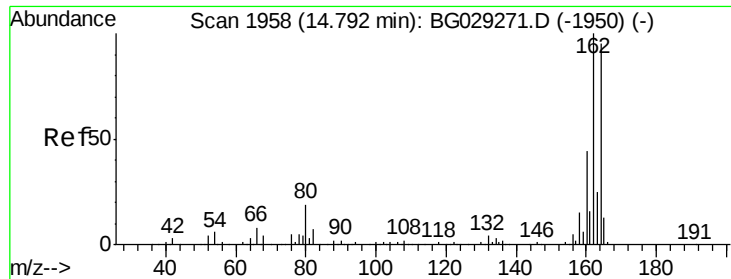
Tot Ion:	136	Resp:	261349
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	8.4	10.3	15.5#
68	6.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 101.93 ng
RT: 9.318 min Scan# 1026
Delta R.T. -0.004 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

Tgt Ion:	82	Resp:	419207
Ion Ratio	Lower	Upper	
82	100		
128	47.4	29.7	44.5#
54	53.8	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: BG030726.D

Acq: 4 Nov 2017 7:30

Instrument :

BNA_G

ClientSampleId :

RLF-SW-3

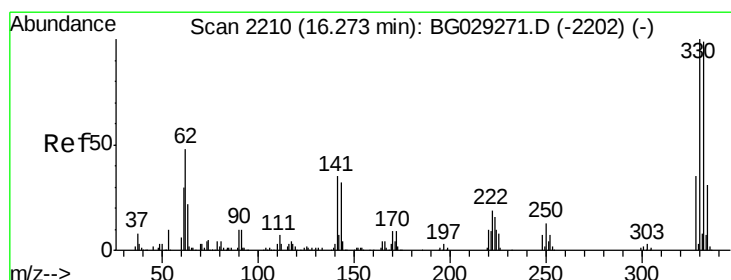
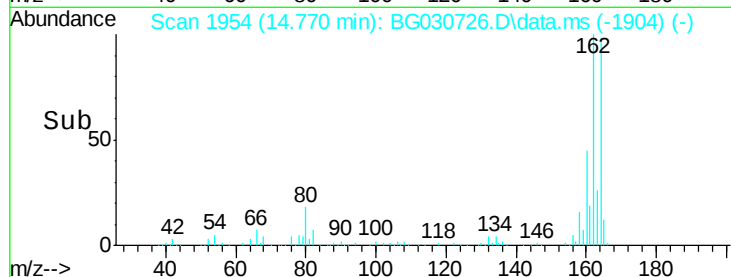
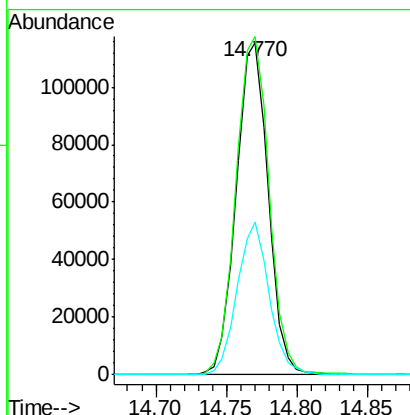
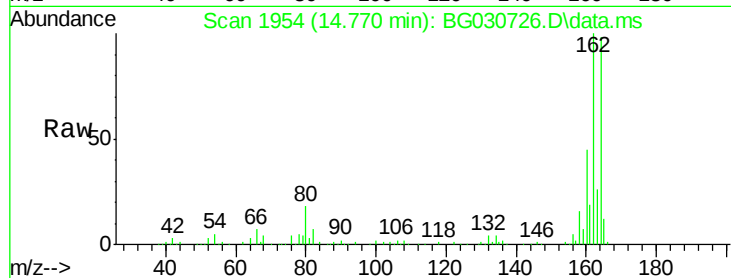
Tot Ion:164 Resp: 182546

Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

160 46.1 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 155.43 ng

RT: 16.251 min Scan# 2206

Delta R.T. -0.004 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

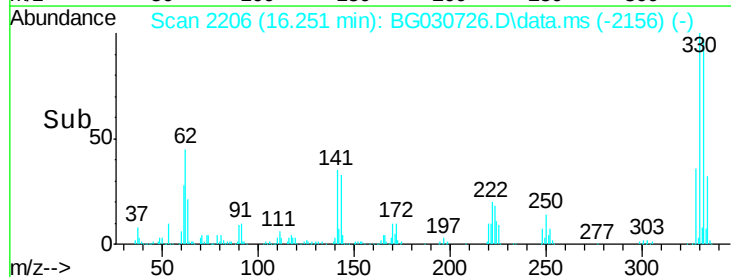
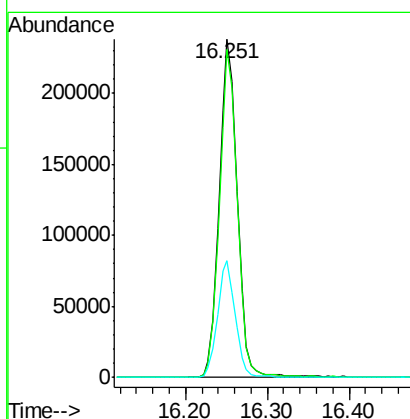
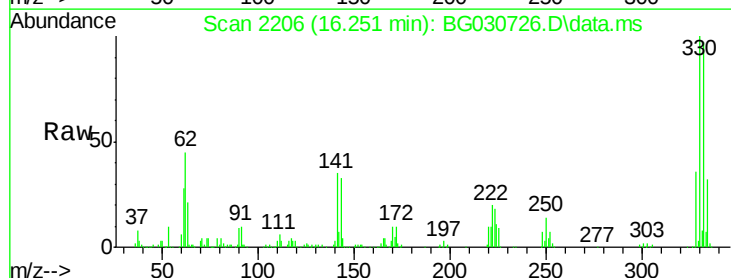
Tgt Ion:330 Resp: 366317

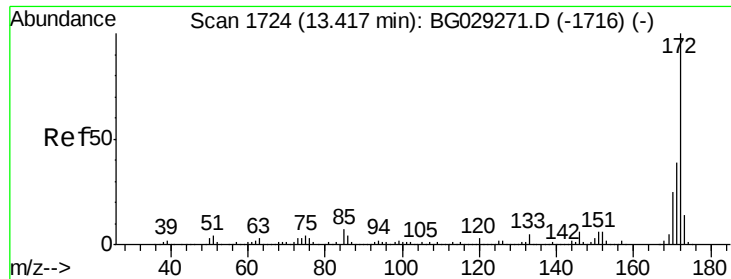
Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

141 33.8 25.2 37.8



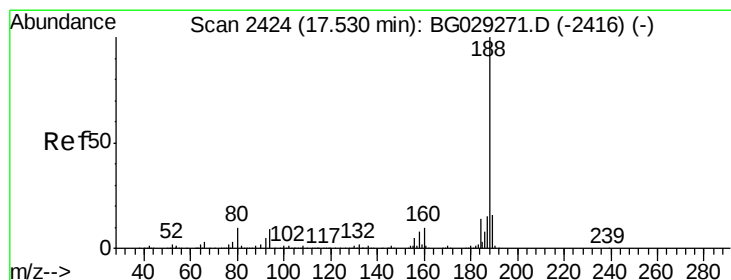
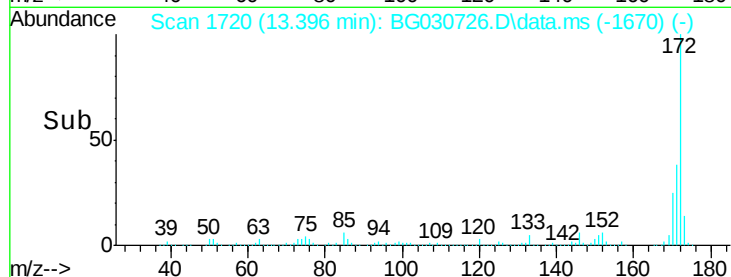
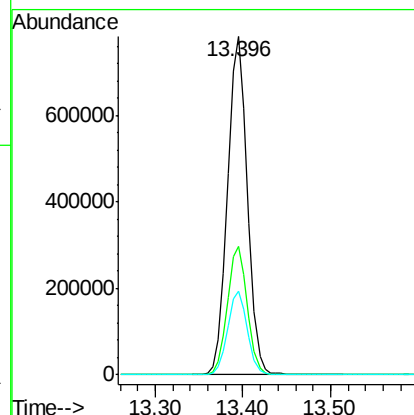
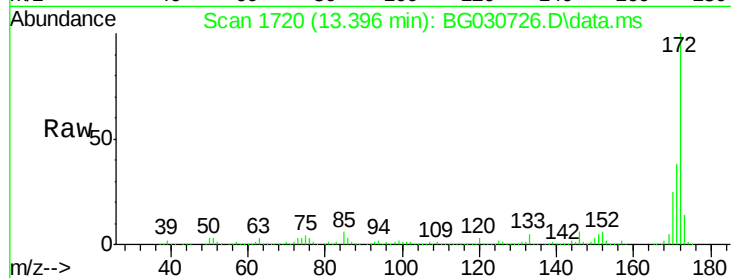


#44
 2-Fluorobiphenyl
 Concen: 98.52 ng
 RT: 13.396 min Scan# 17
 Delta R.T. -0.004 min
 Lab File: BG030726.D
 Acq: 4 Nov 2017 7:30

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SW-3

Tot Ion:172 Resp: 1226162

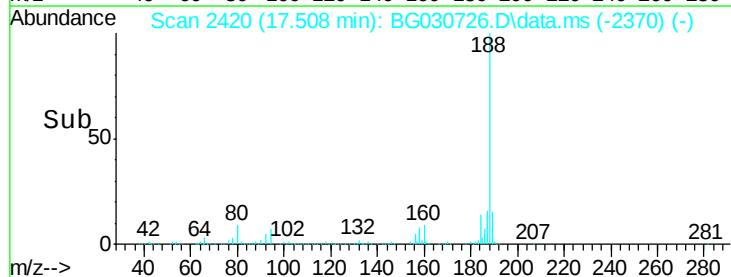
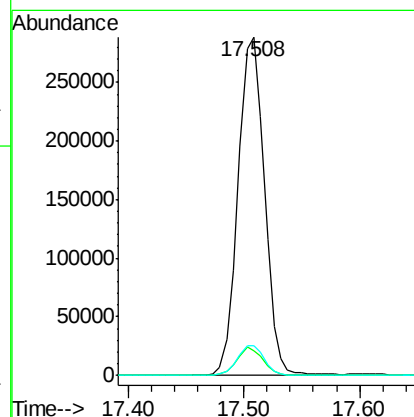
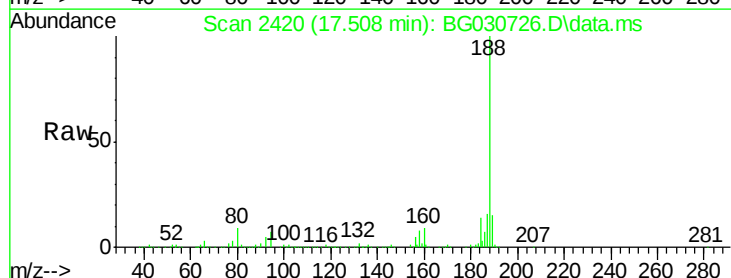
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.7	19.5	29.3

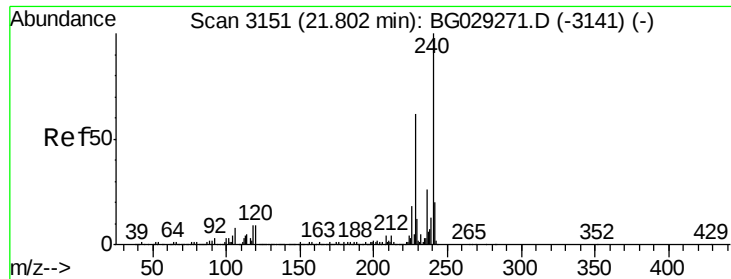


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.508 min Scan# 2420
 Delta R.T. -0.004 min
 Lab File: BG030726.D
 Acq: 4 Nov 2017 7:30

Tgt Ion:188 Resp: 457822

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.8	7.7	11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.774 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

Instrument :

BNA_G

ClientSampleId :

RLF-SW-3

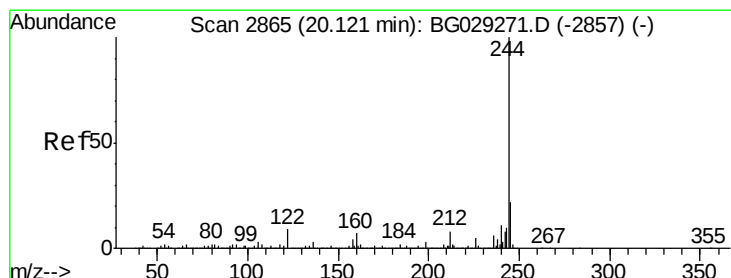
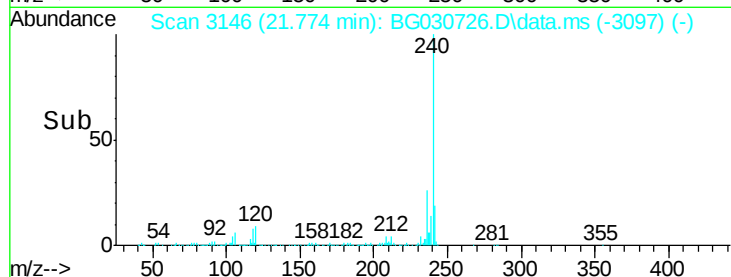
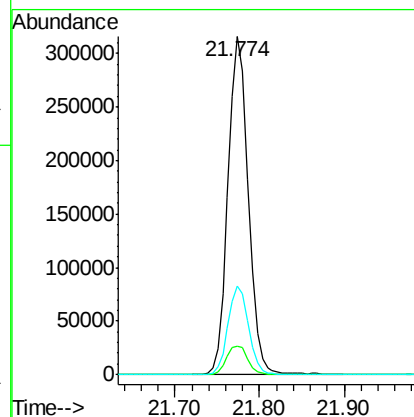
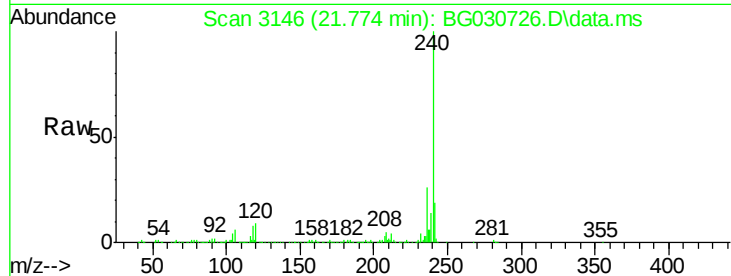
Tot Ion:240 Resp: 523585

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

236 26.4 20.9 31.3



#78

Terphenyl-d14

Concen: 89.11 ng

RT: 20.099 min Scan# 2861

Delta R.T. 0.002 min

Lab File: BG030726.D

Acq: 4 Nov 2017 7:30

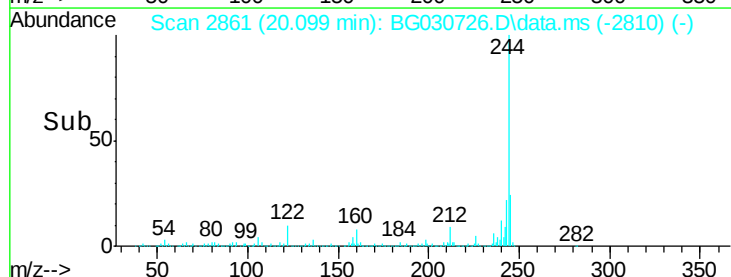
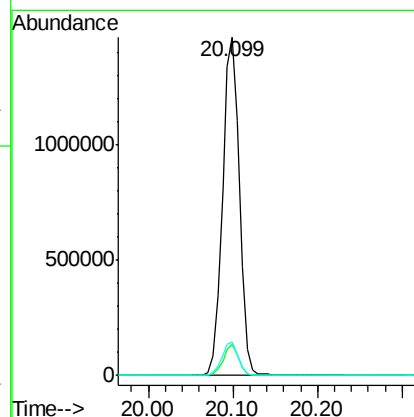
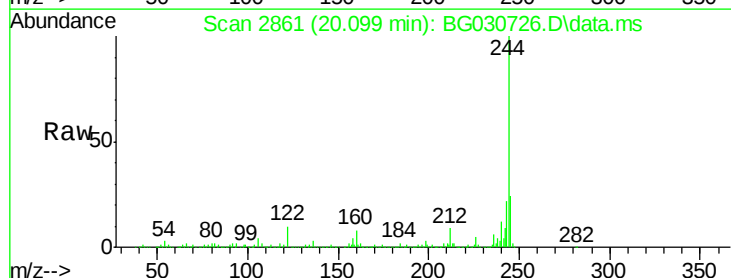
Tgt Ion:244 Resp: 2051002

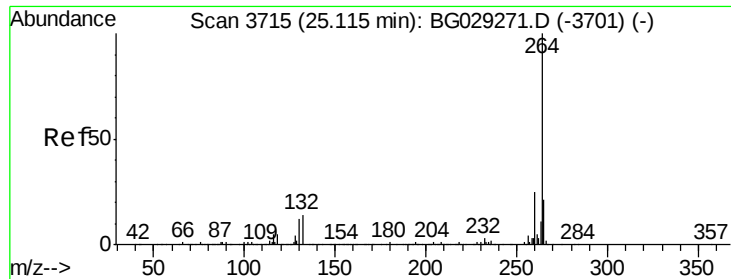
Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 10.0 7.0 10.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.076 min Scan# 37
Delta R.T. -0.016 min
Lab File: BG030726.D
Acq: 4 Nov 2017 7:30

Instrument :
BNA_G
ClientSampleId :
RLF-SW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.3	17.7	26.5

