

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
 Data File : BG030729.D
 Acq On : 4 Nov 2017 10:30
 Operator : SJ/JU
 Sample : I6157-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-3

Quant Time: Nov 04 12:12:08 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

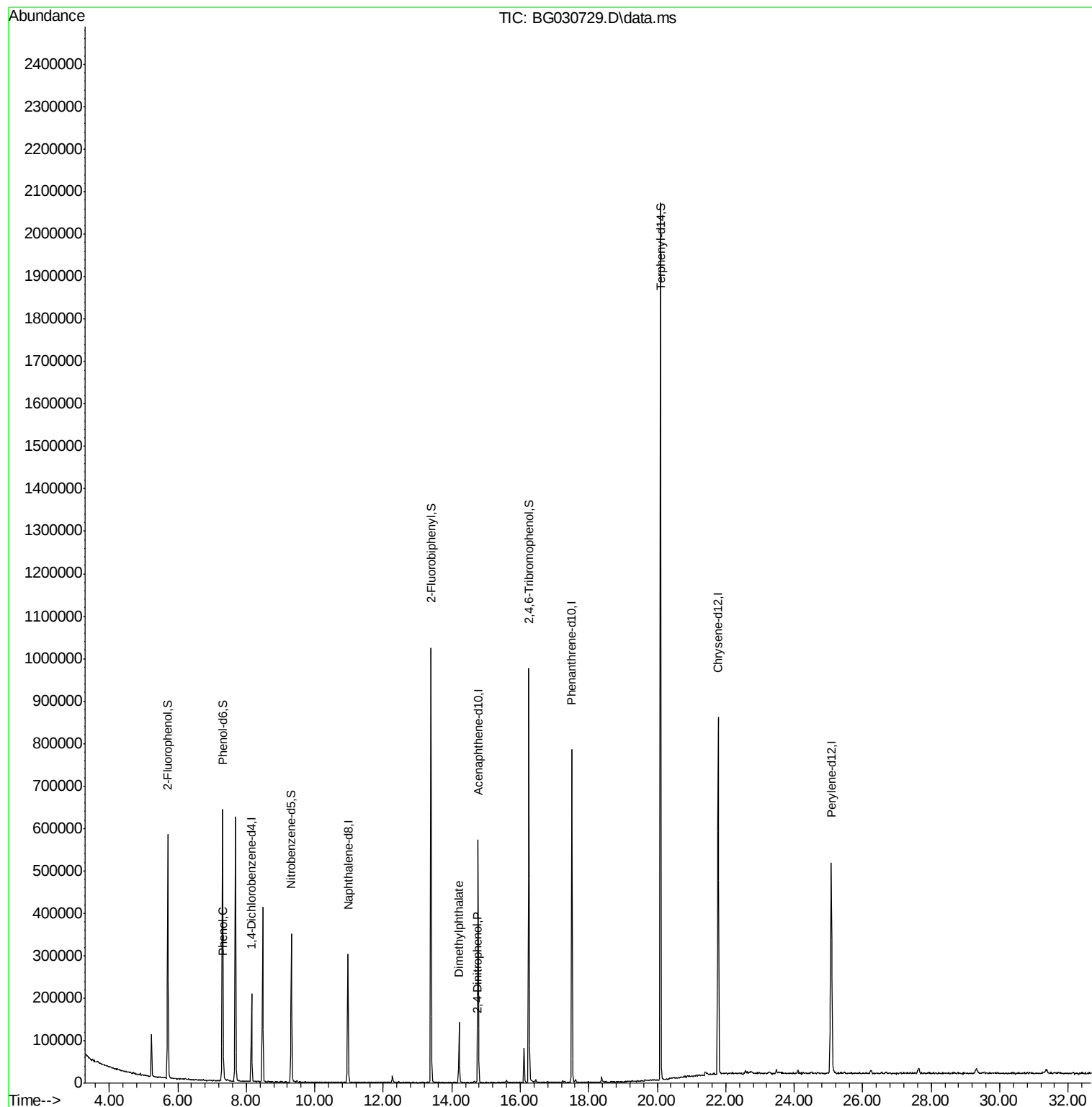
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.148	152	60651	20.00	ng	0.00
21) Naphthalene-d8	10.968	136	287936	20.00	ng	0.00
38) Acenaphthene-d10	14.769	164	205379	20.00	ng	0.00
63) Phenanthrene-d10	17.507	188	497393	20.00	ng	0.00
75) Chrysene-d12	21.779	240	549889	20.00	ng	0.00
86) Perylene-d12	25.081	264	550675	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	275933	76.00	ng	0.00
7) Phenol-d6	7.308	99	396724	77.85	ng	0.00
23) Nitrobenzene-d5	9.317	82	222910	49.20	ng	0.00
41) 2,4,6-Tribromophenol	16.250	330	196851	74.24	ng	0.00
44) 2-Fluorobiphenyl	13.395	172	565708	40.40	ng	0.00
78) Terphenyl-d14	20.098	244	975418	40.35	ng	0.00
Target Compounds						
10) Phenol	7.331	94	18840	3.43	ng	98
49) Dimethylphthalate	14.211	163	113837	7.10	ng	99
53) 2,4-Dinitrophenol	14.740	184	60	6.66	ng	# 1

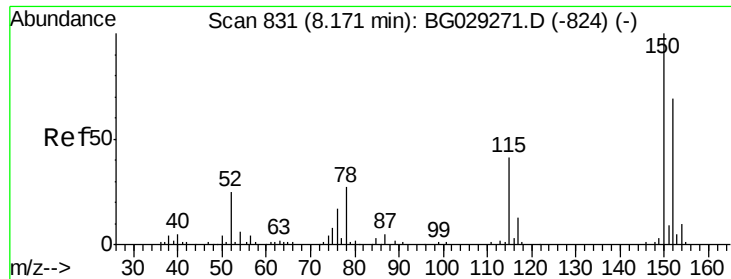
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.148 min Scan# 82

Delta R.T. -0.005 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

Instrument :

BNA_G

ClientSampleId :

RLF-SD-3

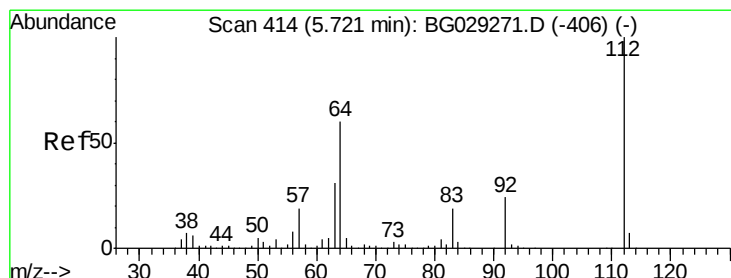
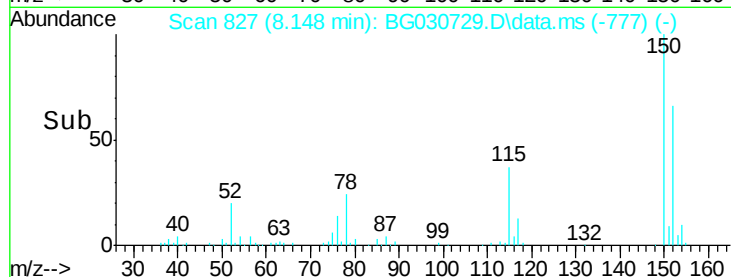
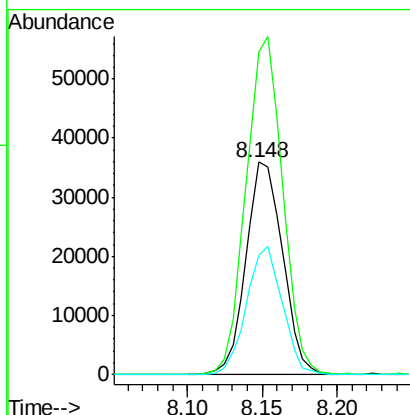
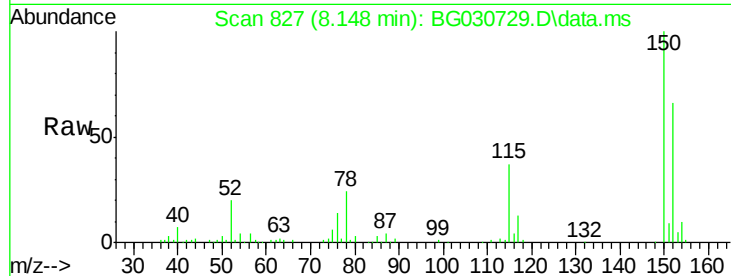
Tot Ion:152 Resp: 60651

Ion Ratio Lower Upper

152 100

150 152.2 126.6 189.8

115 56.2 53.0 79.4



#5

2-Fluorophenol

Concen: 76.00 ng

RT: 5.709 min Scan# 412

Delta R.T. 0.001 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

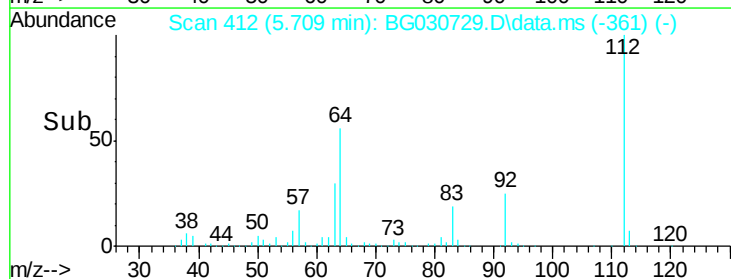
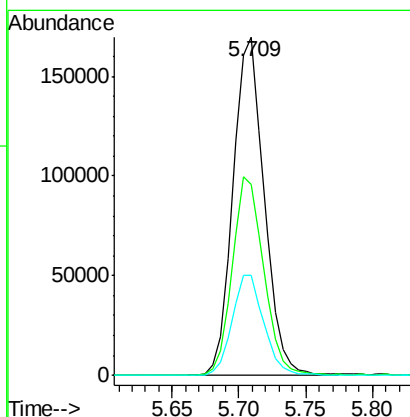
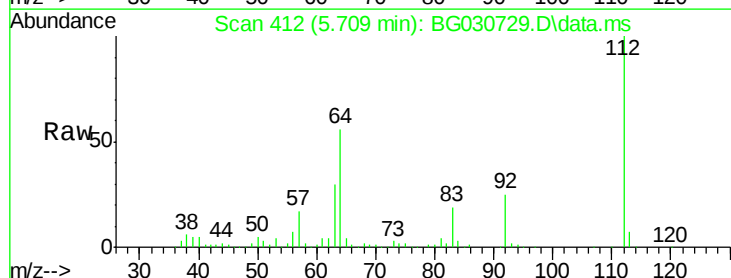
Tgt Ion:112 Resp: 275933

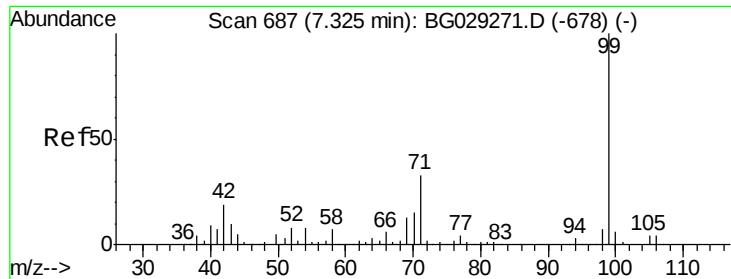
Ion Ratio Lower Upper

112 100

64 56.5 56.3 84.5

63 29.6 30.1 45.1#





#7

Phenol-d6

Concen: 77.85 ng

RT: 7.308 min Scan# 687

Delta R.T. 0.001 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

Instrument :

BNA_G

ClientSampleId :

RLF-SD-3

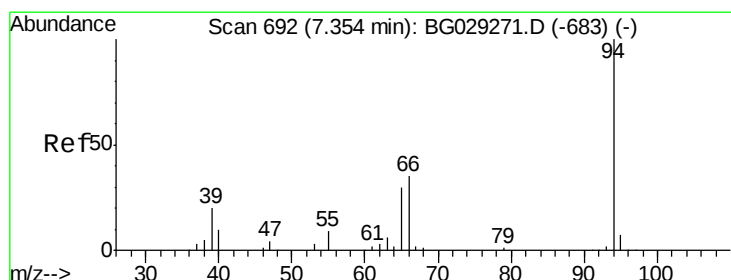
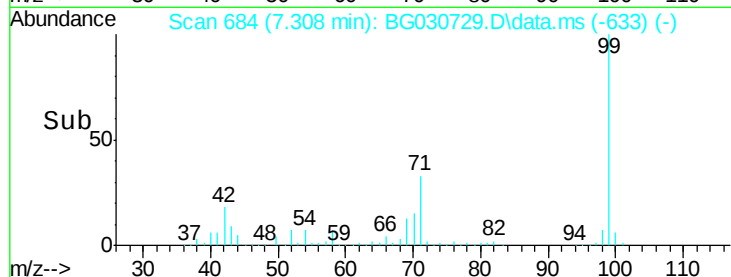
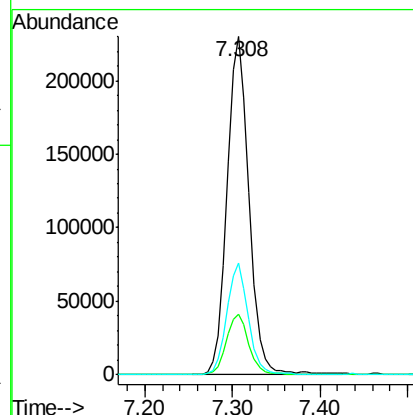
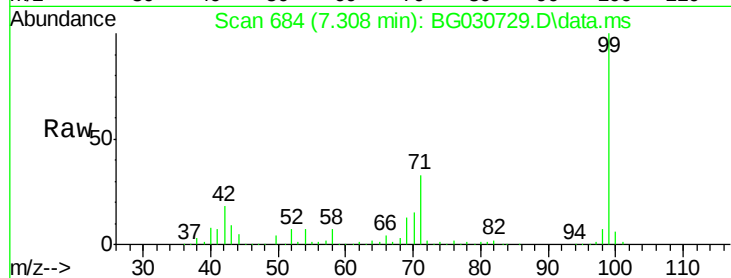
Tot Ion: 99 Resp: 396724

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

71 32.9 26.1 39.1



#10

Phenol

Concen: 3.43 ng

RT: 7.331 min Scan# 688

Delta R.T. -0.005 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

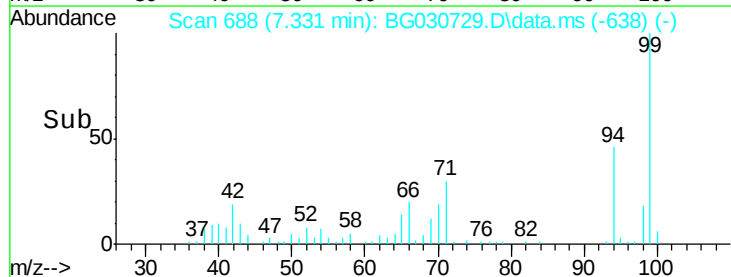
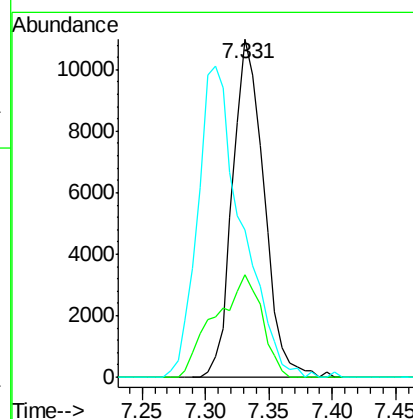
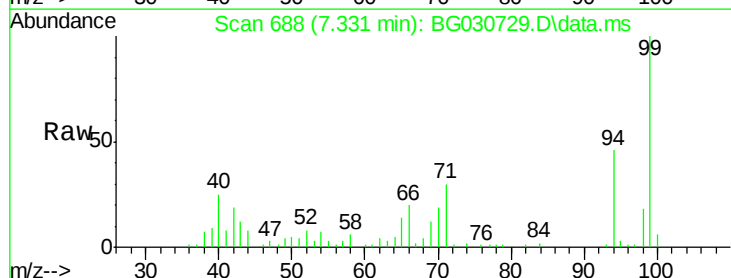
Tgt Ion: 94 Resp: 18840

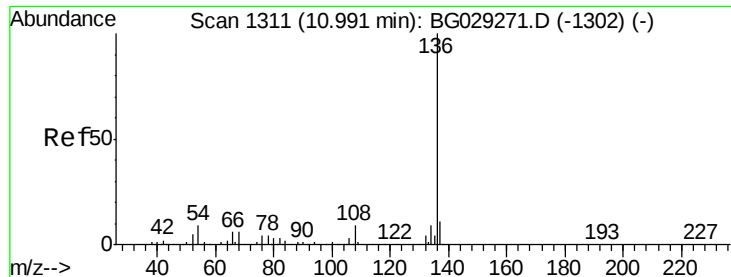
Ion Ratio Lower Upper

94 100

65 30.4 11.9 51.9

66 43.5 22.2 62.2

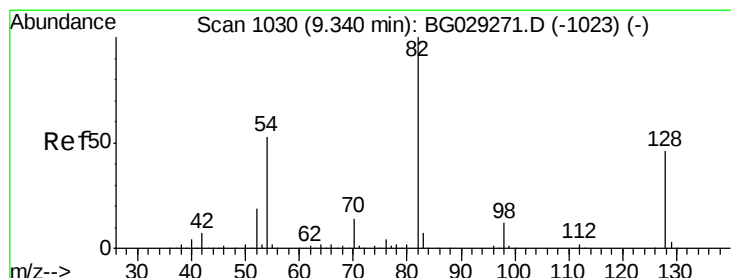
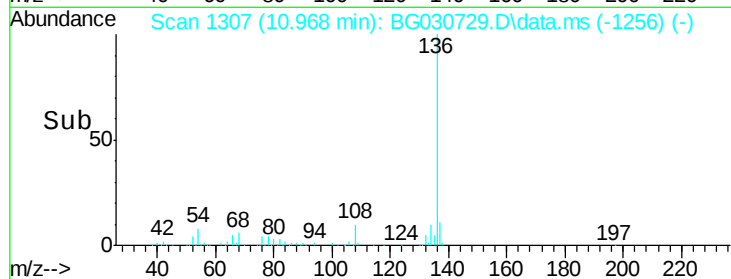
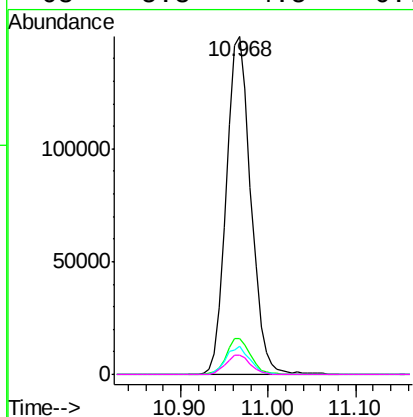
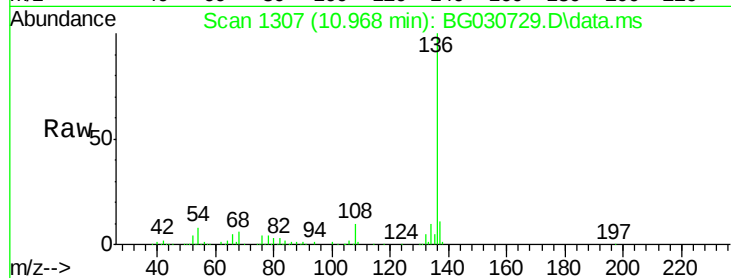




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.968 min Scan# 1311
Delta R.T. 0.001 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

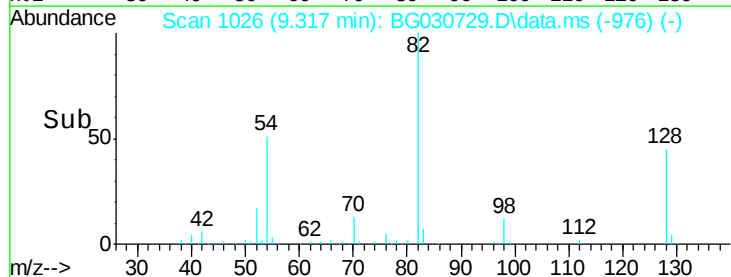
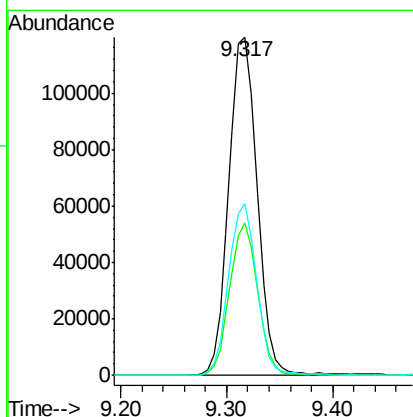
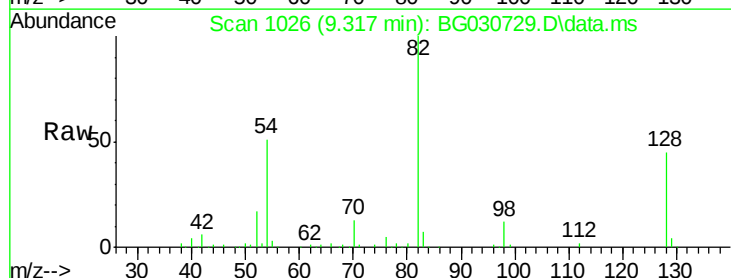
Instrument :
BNA_G
ClientSampleId :
RLF-SD-3

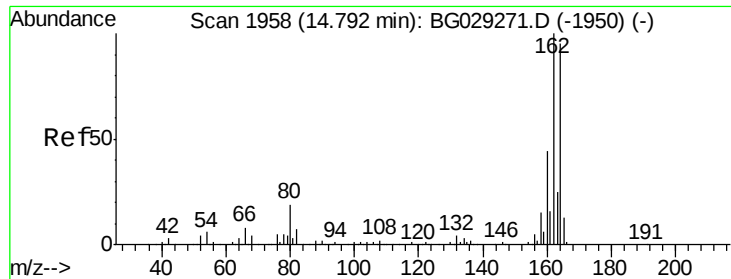
Tot Ion:	136	Resp:	287936
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.2	13.8
54	8.2	10.3	15.5#
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 49.20 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Tgt Ion:	82	Resp:	222910
Ion Ratio	Lower	Upper	
82	100		
128	45.3	29.7	44.5#
54	50.7	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.769 min Scan# 19

Delta R.T. -0.005 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

Instrument :

BNA_G

ClientSampleId :

RLF-SD-3

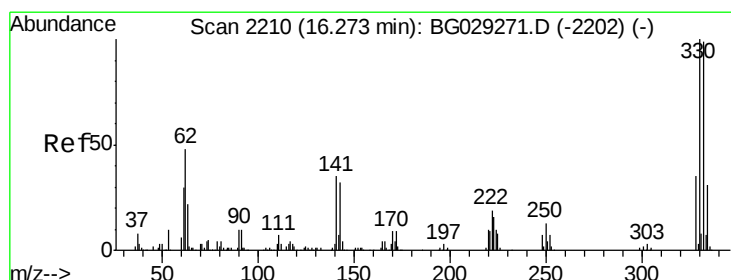
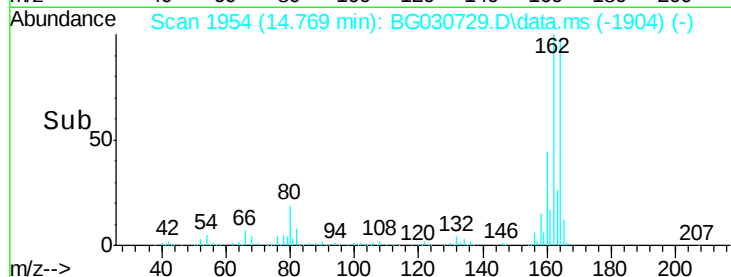
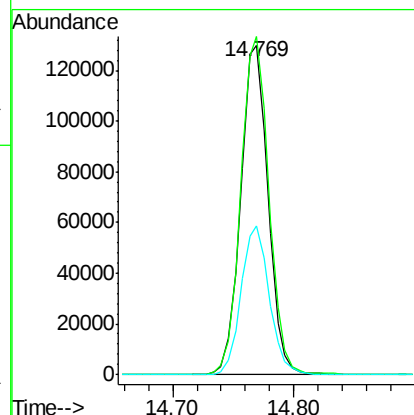
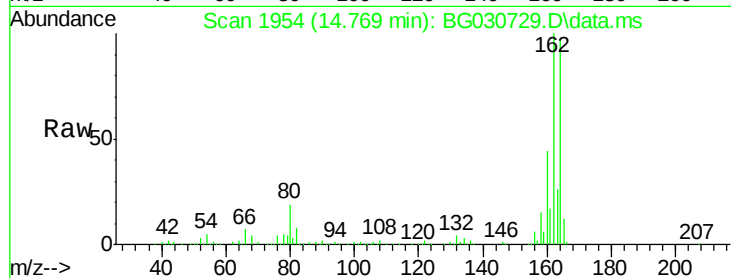
Tot Ion:164 Resp: 205379

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

160 45.2 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 74.24 ng

RT: 16.250 min Scan# 2206

Delta R.T. -0.005 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

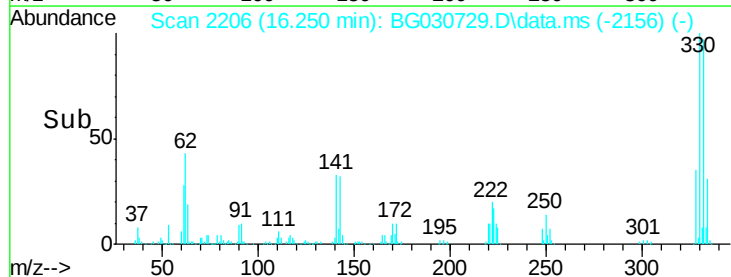
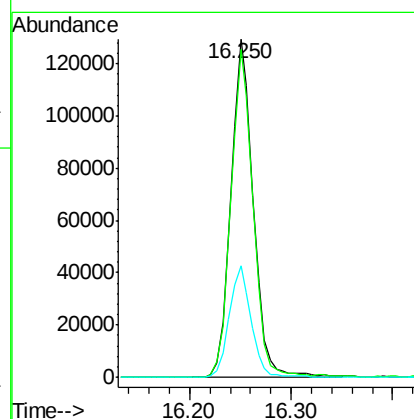
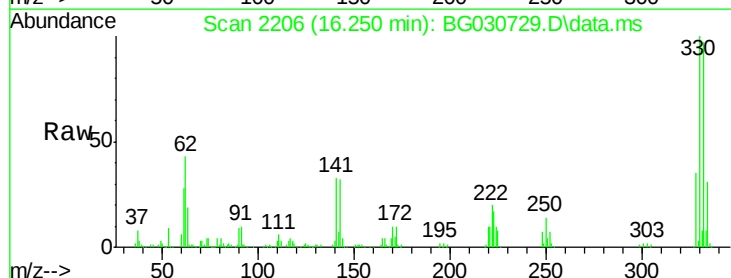
Tgt Ion:330 Resp: 196851

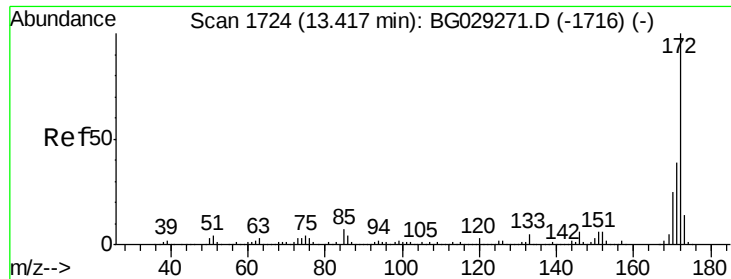
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 32.3 25.2 37.8

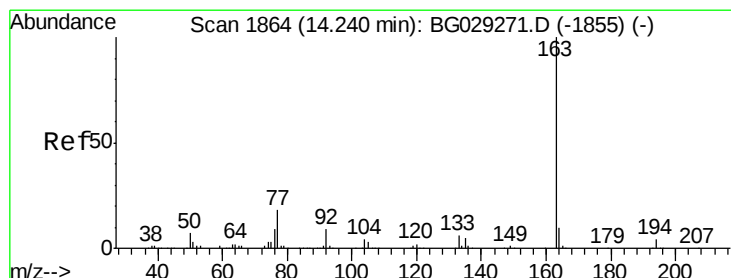
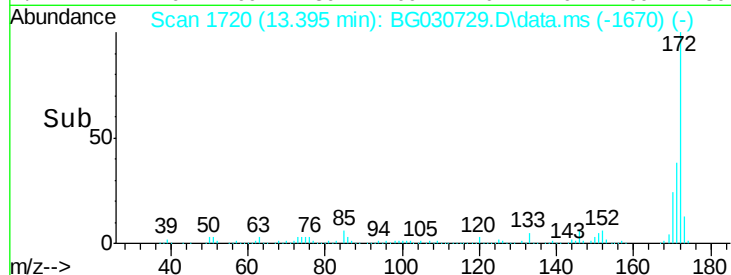
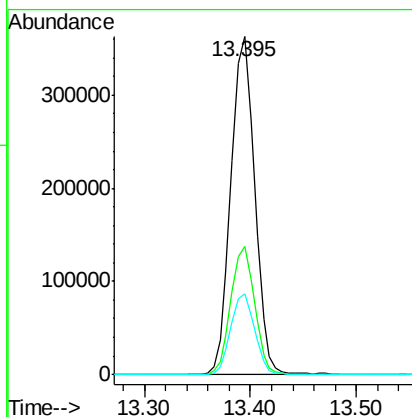
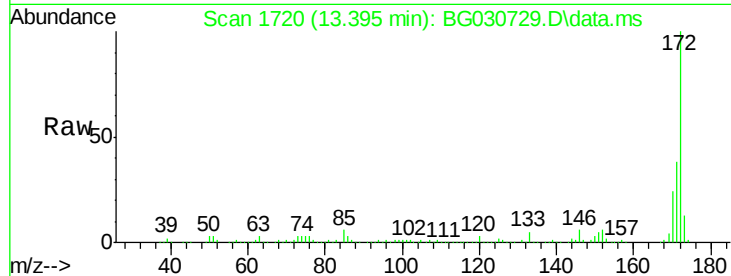




#44
2-Fluorobiphenyl
Concen: 40.40 ng
RT: 13.395 min Scan# 171
Delta R.T. -0.005 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

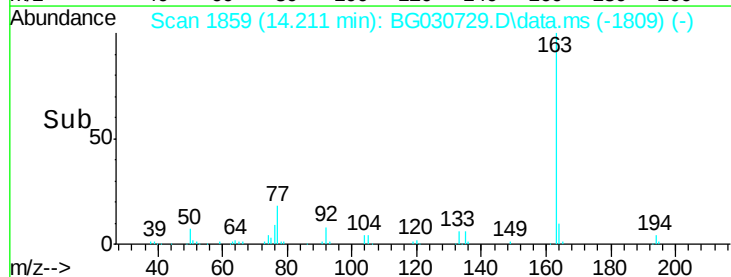
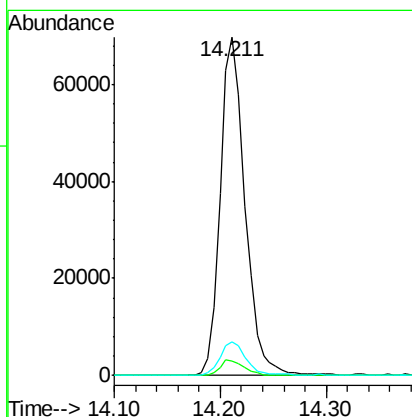
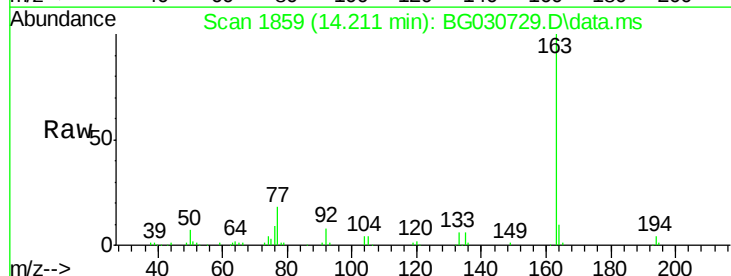
Instrument :
BNA_G
ClientSampleId :
RLF-SD-3

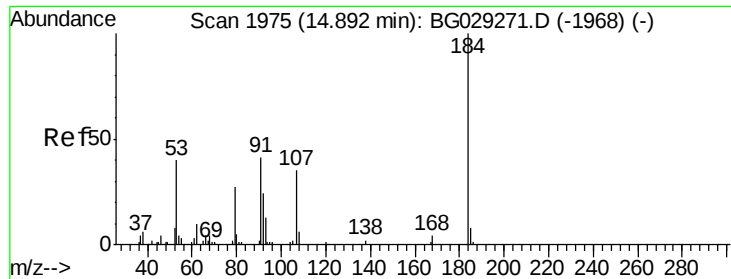
Tot Ion:172 Resp: 565708
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 24.1 19.5 29.3



#49
Dimethylphthalate
Concen: 7.10 ng
RT: 14.211 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Tgt Ion:163 Resp: 113837
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 8.2 12.4





#53

2,4-Dinitrophenol

Concen: 6.66 ng

RT: 14.740 min Scan# 19

Delta R.T. -0.140 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

Instrument :

BNA_G

ClientSampleId :

RLF-SD-3

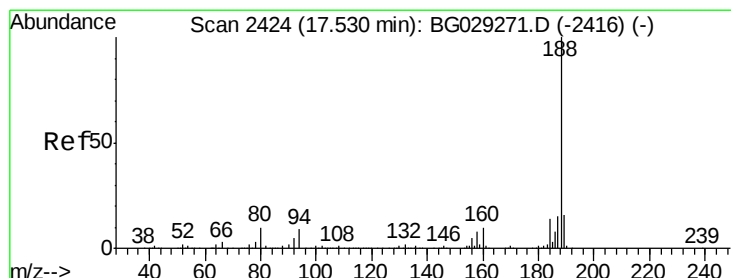
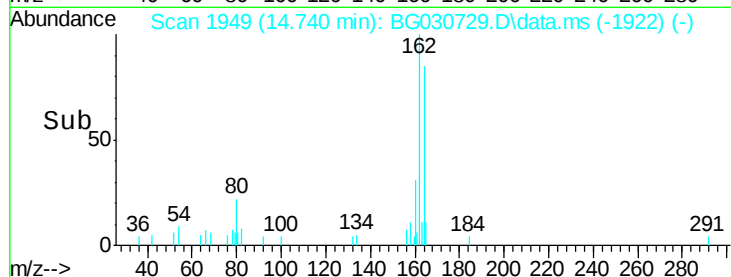
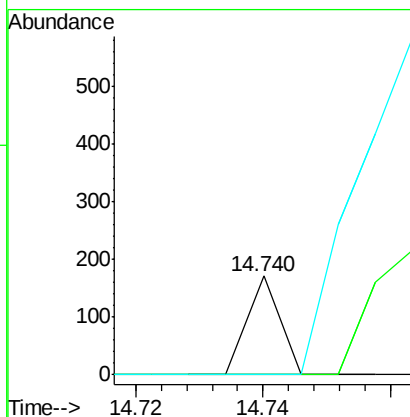
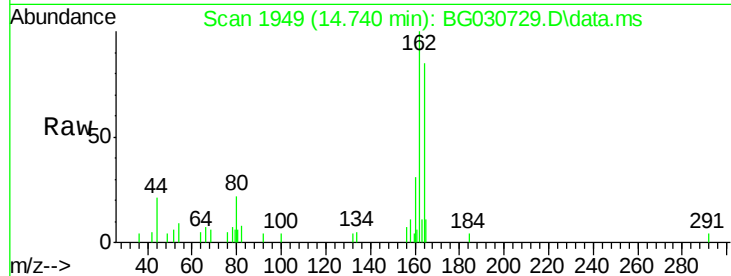
Tot Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

154 0.0 101.8 152.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.507 min Scan# 2420

Delta R.T. -0.005 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

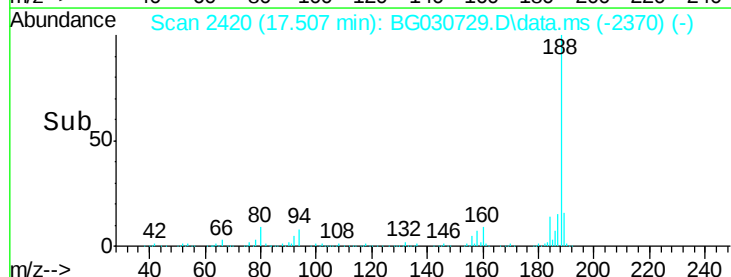
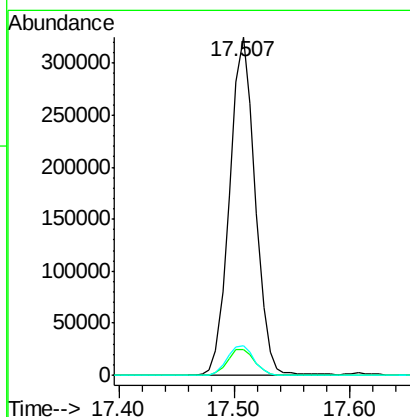
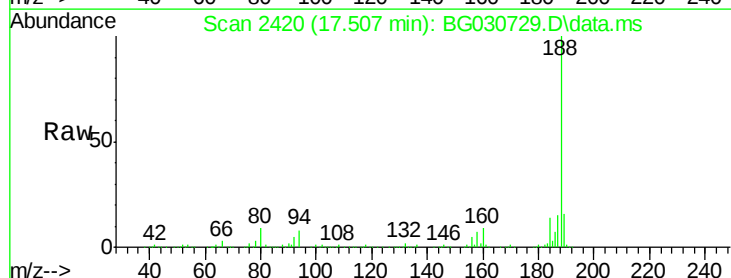
Tgt Ion:188 Resp: 497393

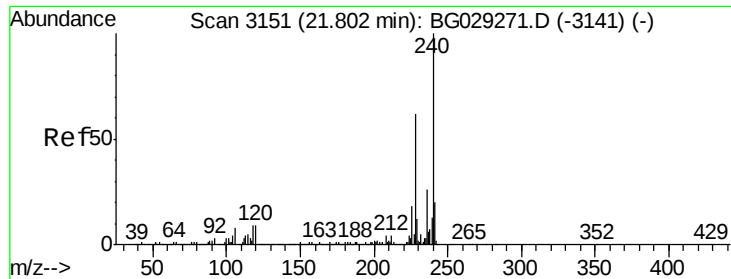
Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

80 8.6 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.779 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

Instrument :

BNA_G

ClientSampleId :

RLF-SD-3

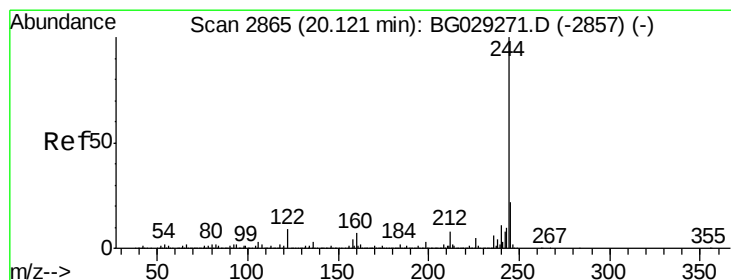
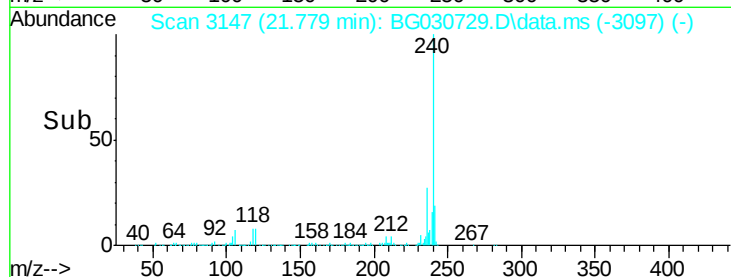
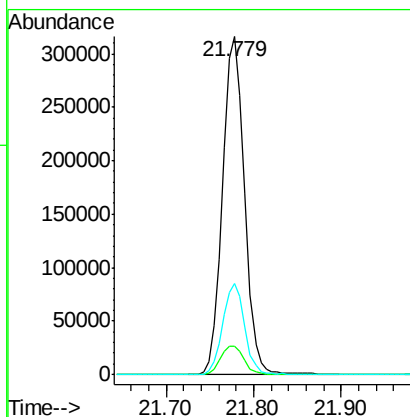
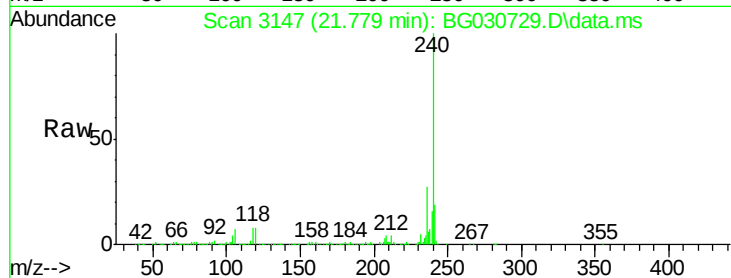
Tot Ion:240 Resp: 549889

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

236 26.9 20.9 31.3



#78

Terphenyl-d14

Concen: 40.35 ng

RT: 20.098 min Scan# 2861

Delta R.T. 0.001 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

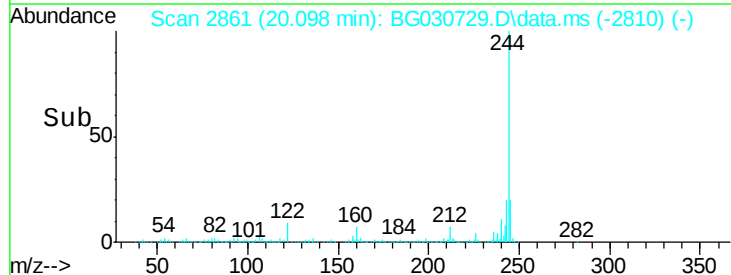
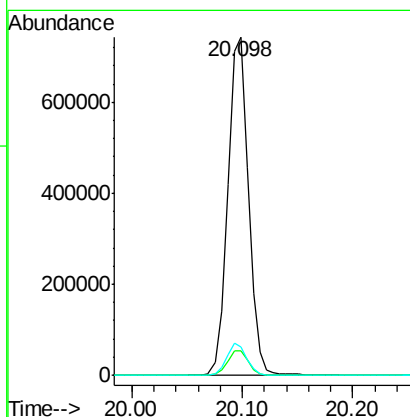
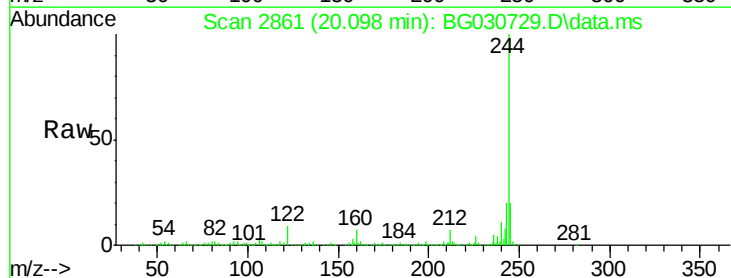
Tgt Ion:244 Resp: 975418

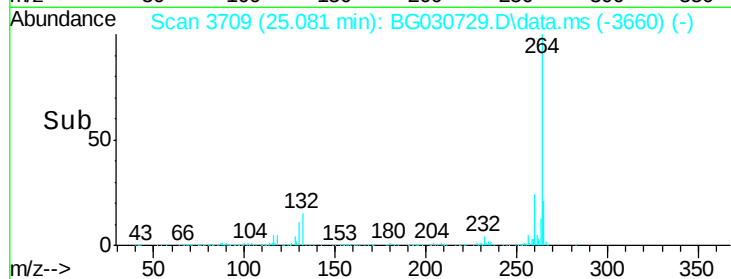
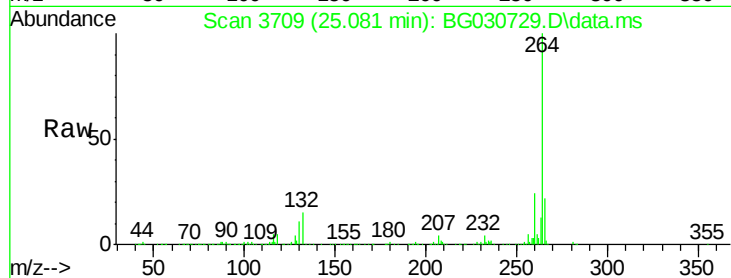
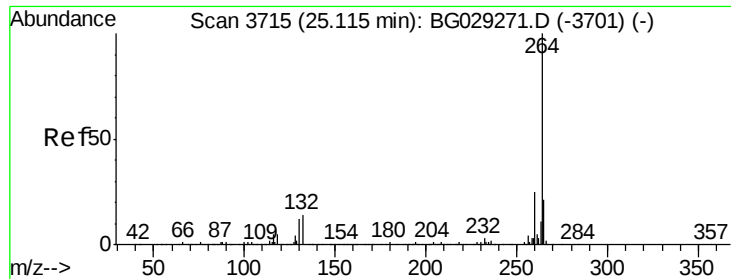
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 8.5 7.0 10.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.081 min Scan# 37
Delta R.T. -0.011 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Instrument :
BNA_G
ClientSampleId :
RLF-SD-3

Tot Ion:	264	Resp:	550675
Ion Ratio	Lower	Upper	
264	100		
260	24.3	17.4	26.0
265	21.6	17.7	26.5

