

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
 Data File : BG030731.D
 Acq On : 4 Nov 2017 11:44
 Operator : SJ/JU
 Sample : I6157-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-FD-02

Quant Time: Nov 04 12:24:57 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

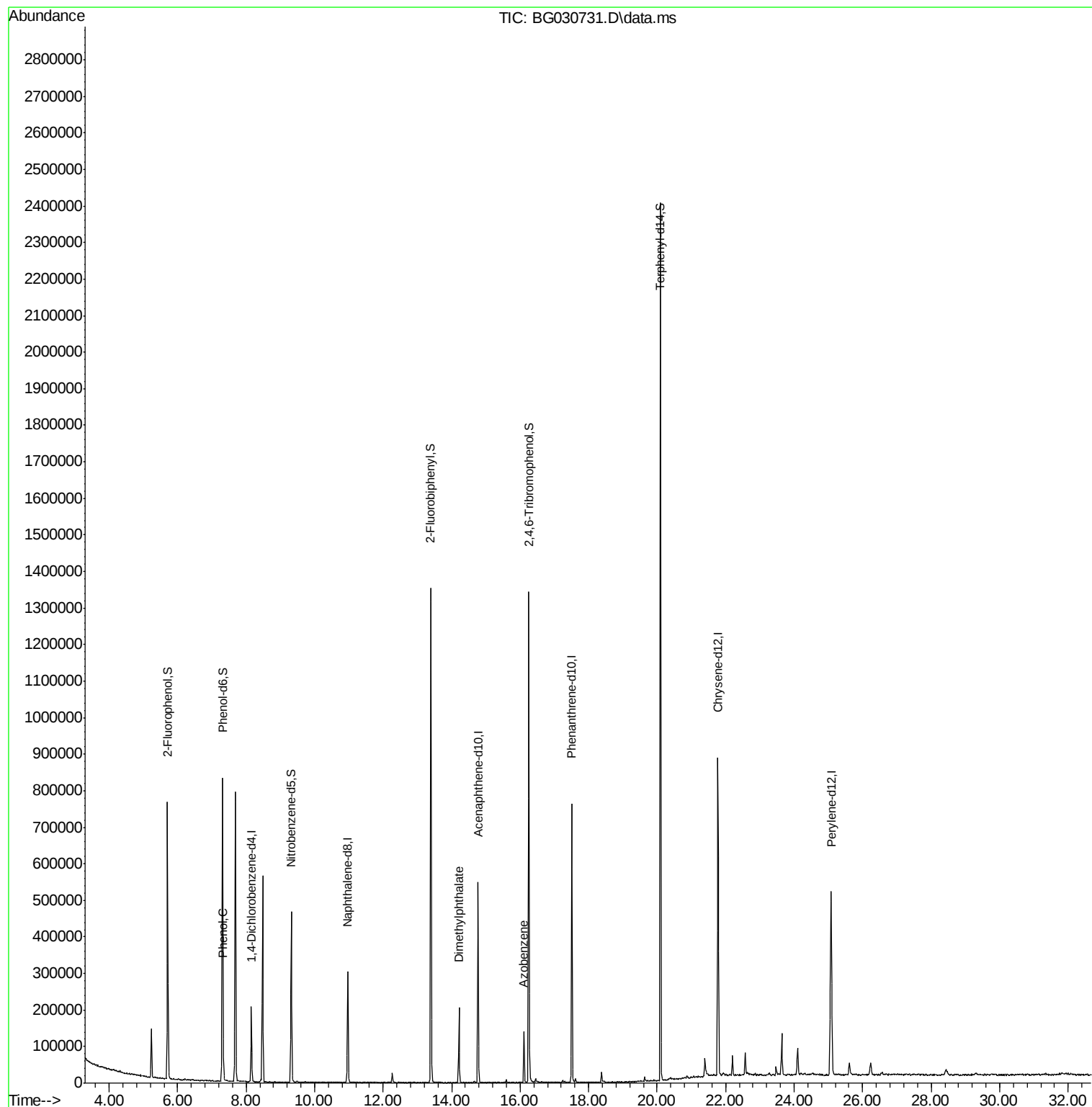
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.149	152	60462	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	285336	20.00	ng	0.00
38) Acenaphthene-d10	14.765	164	198387	20.00	ng	0.00
63) Phenanthrene-d10	17.509	188	494085	20.00	ng	0.00
75) Chrysene-d12	21.775	240	551693	20.00	ng	0.00
86) Perylene-d12	25.077	264	552828	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	359891	99.44	ng	0.00
7) Phenol-d6	7.309	99	519067	102.17	ng	0.00
23) Nitrobenzene-d5	9.313	82	300150	66.85	ng	0.00
41) 2,4,6-Tribromophenol	16.252	330	274135	107.03	ng	0.00
44) 2-Fluorobiphenyl	13.390	172	770414	56.96	ng	0.00
78) Terphenyl-d14	20.094	244	1137064	46.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.333	94	22590	4.12	ng	94
49) Dimethylphthalate	14.213	163	165569	10.70	ng	99
62) Azobenzene	16.111	77	39580	3.04	ng	# 1

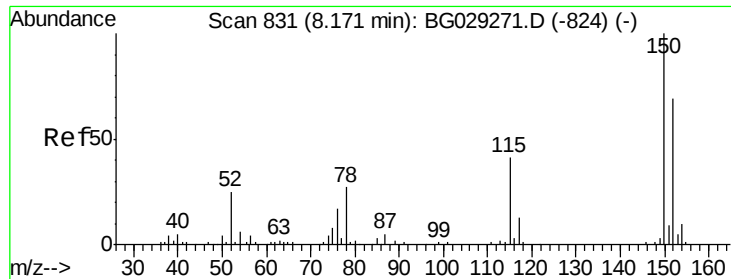
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.149 min Scan# 82

Delta R.T. -0.004 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

Instrument :

BNA_G

ClientSampleId :

RLF-FD-02

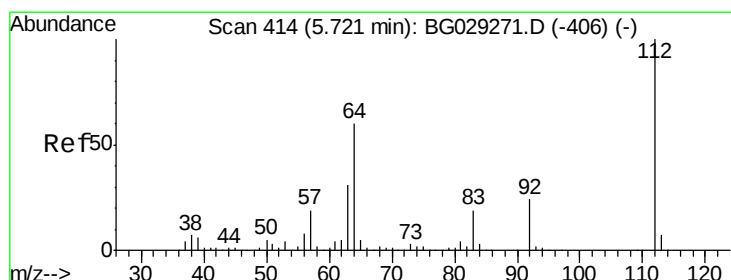
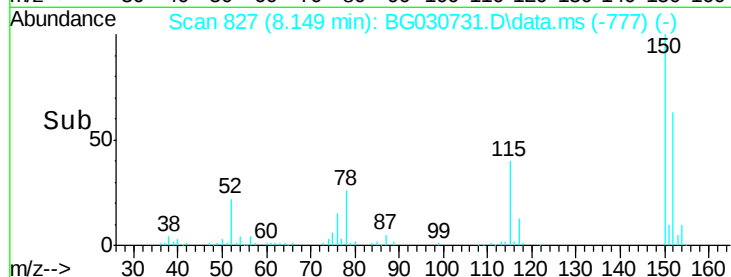
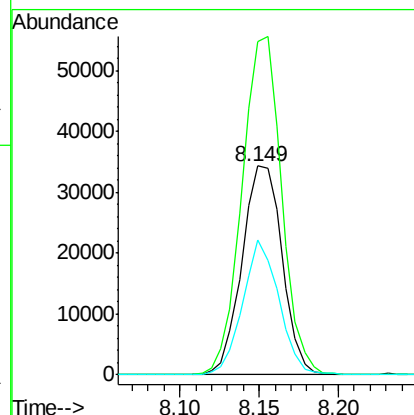
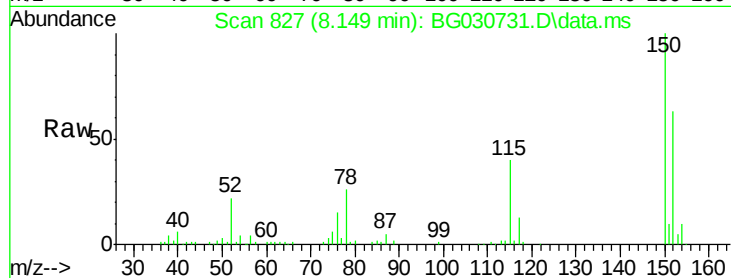
Tot Ion:152 Resp: 60462

Ion Ratio Lower Upper

152 100

150 159.7 126.6 189.8

115 64.4 53.0 79.4



#5

2-Fluorophenol

Concen: 99.44 ng

RT: 5.705 min Scan# 411

Delta R.T. -0.004 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

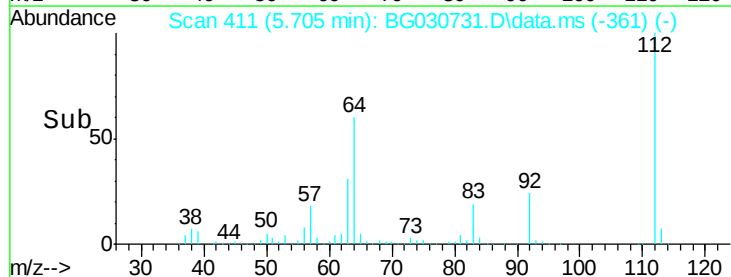
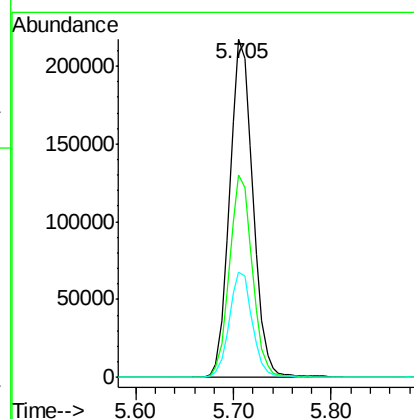
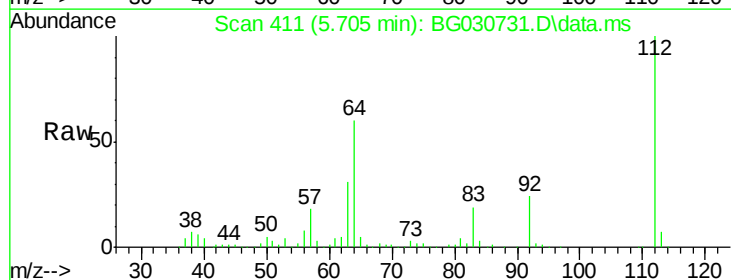
Tgt Ion:112 Resp: 359891

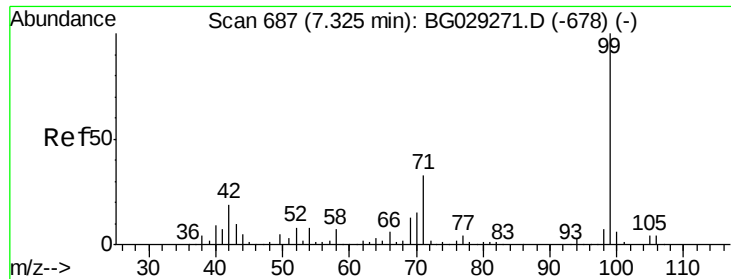
Ion Ratio Lower Upper

112 100

64 59.8 56.3 84.5

63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 102.17 ng

RT: 7.309 min Scan# 68

Delta R.T. 0.002 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

Instrument :

BNA_G

ClientSampleId :

RLF-FD-02

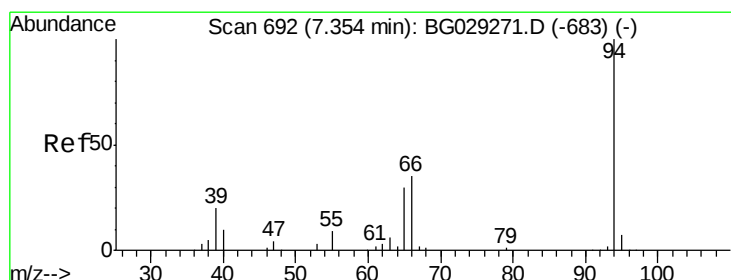
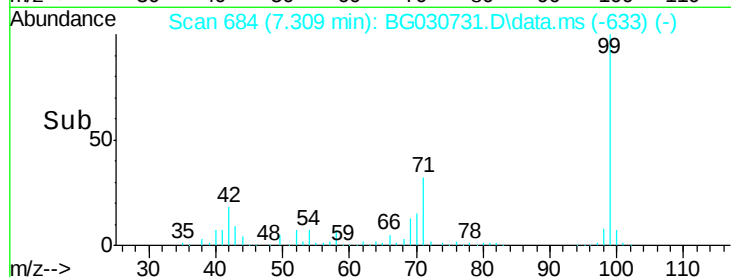
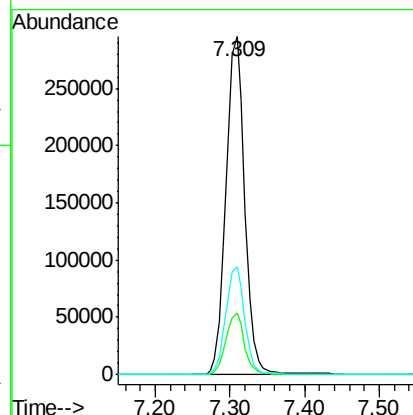
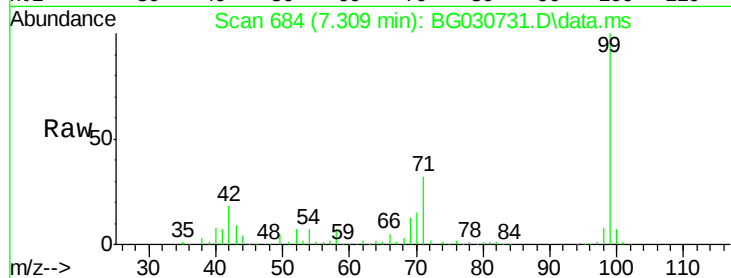
Tot Ion: 99 Resp: 519067

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 31.9 26.1 39.1



#10

Phenol

Concen: 4.12 ng

RT: 7.333 min Scan# 688

Delta R.T. -0.004 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

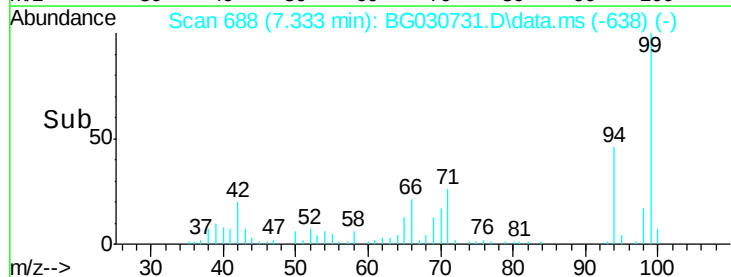
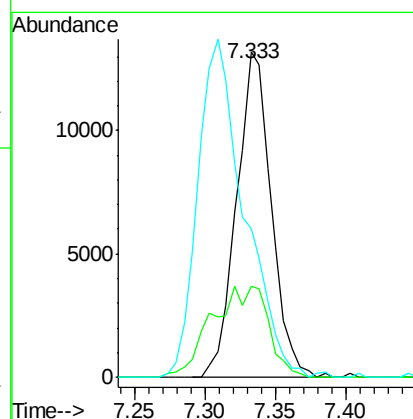
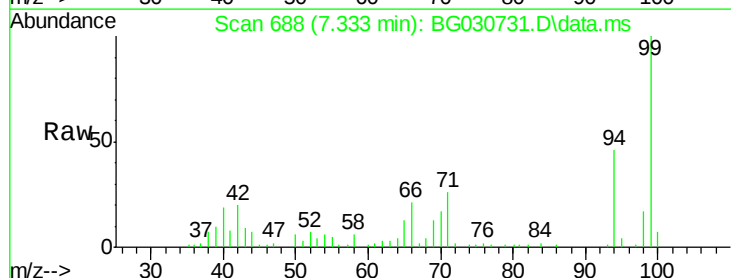
Tgt Ion: 94 Resp: 22590

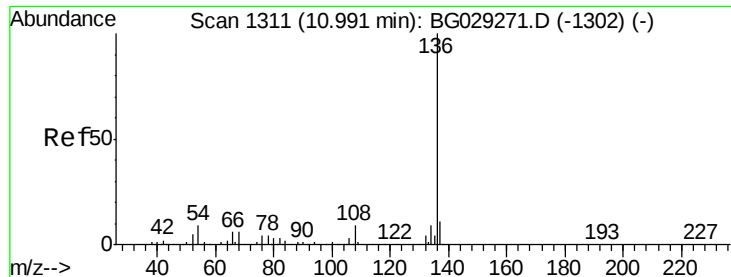
Ion Ratio Lower Upper

94 100

65 28.1 11.9 51.9

66 45.5 22.2 62.2

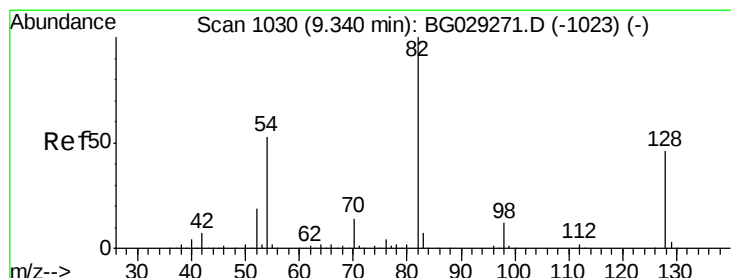
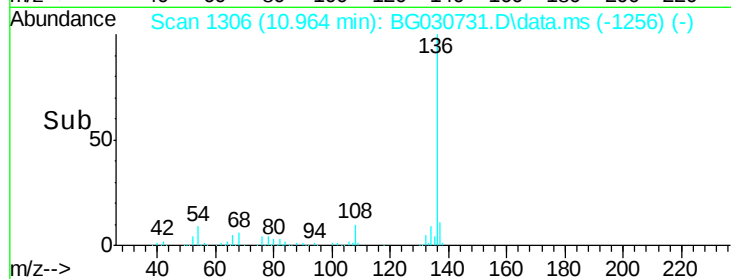
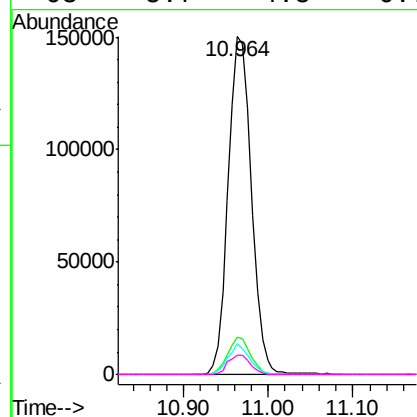
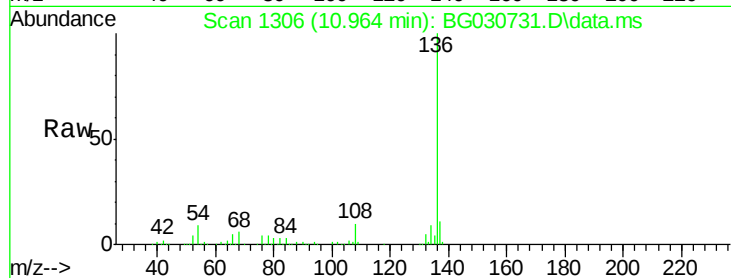




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1311
Delta R.T. -0.004 min
Lab File: BG030731.D
Acq: 4 Nov 2017 11:44

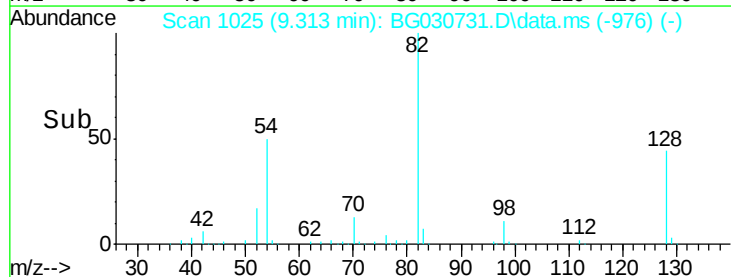
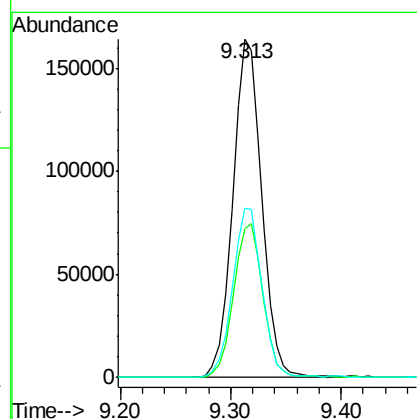
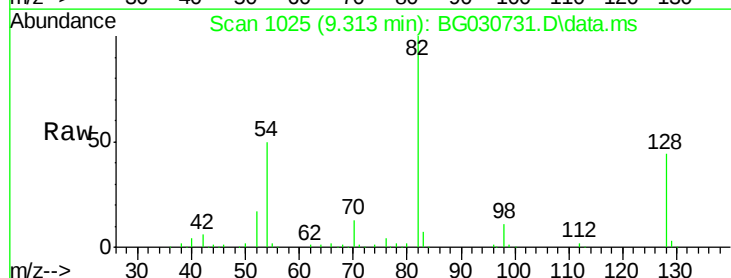
Instrument :
BNA_G
ClientSampleId :
RLF-FD-02

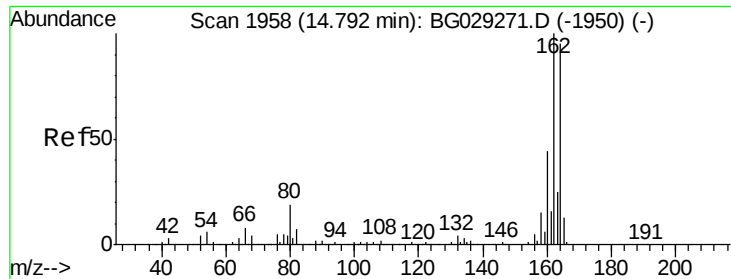
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.2	10.3	15.5
68	5.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 66.85 ng
RT: 9.313 min Scan# 1025
Delta R.T. -0.009 min
Lab File: BG030731.D
Acq: 4 Nov 2017 11:44

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.7	44.5
54	49.9	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.765 min Scan# 19

Delta R.T. -0.009 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

Instrument :

BNA_G

ClientSampleId :

RLF-FD-02

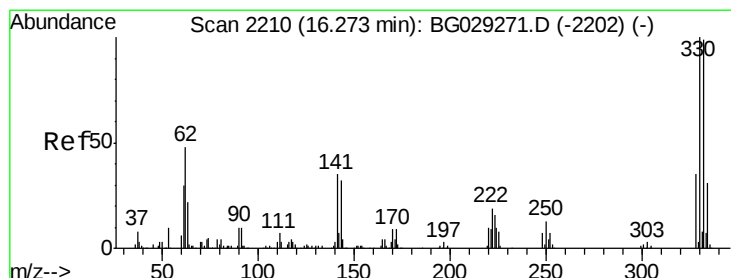
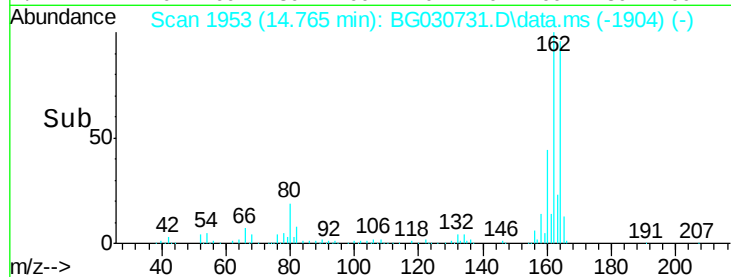
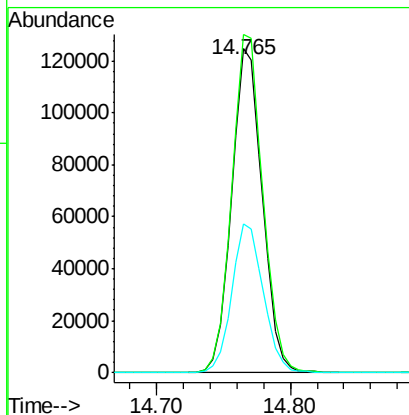
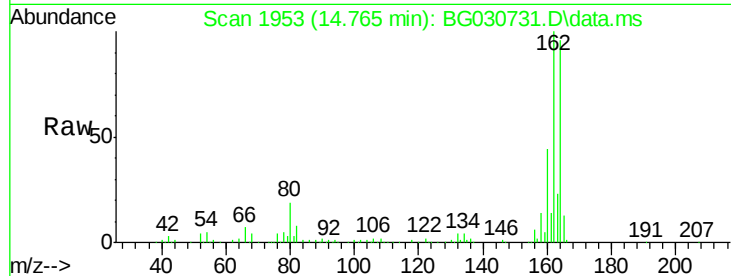
Tot Ion:164 Resp: 198387

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

160 45.7 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 107.03 ng

RT: 16.252 min Scan# 2206

Delta R.T. -0.004 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

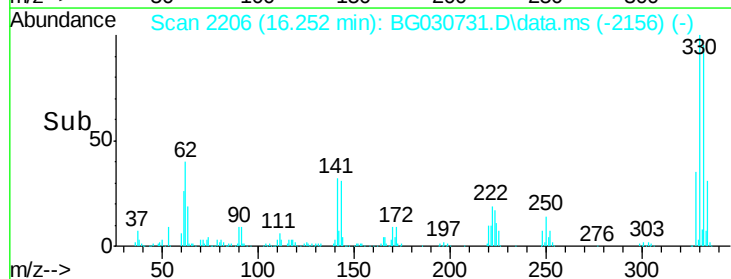
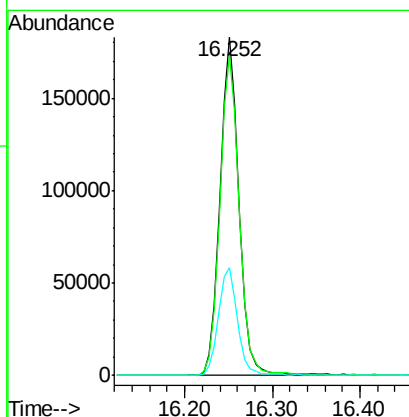
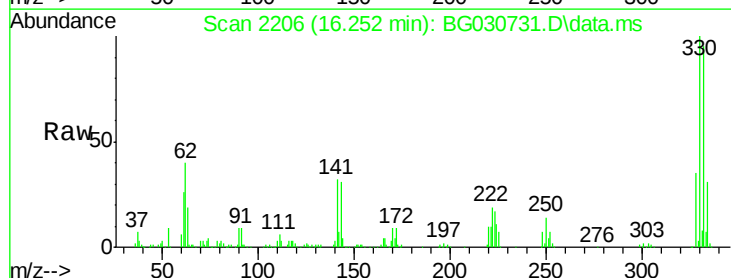
Tgt Ion:330 Resp: 274135

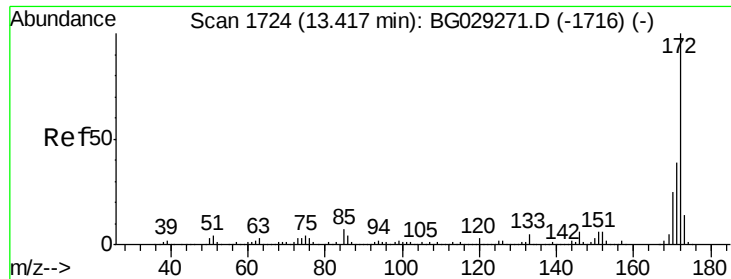
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 32.3 25.2 37.8





#44

2-Fluorobiphenyl

Concen: 56.96 ng

RT: 13.390 min Scan# 171

Delta R.T. -0.009 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

Instrument :

BNA_G

ClientSampleId :

RLF-FD-02

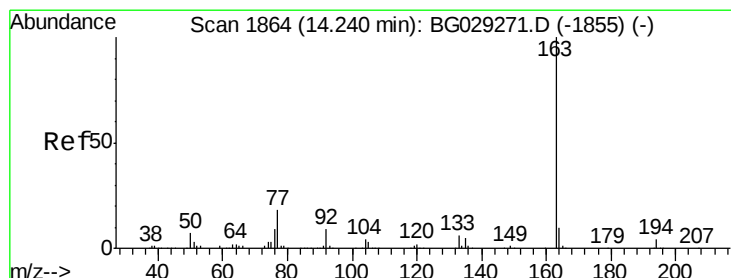
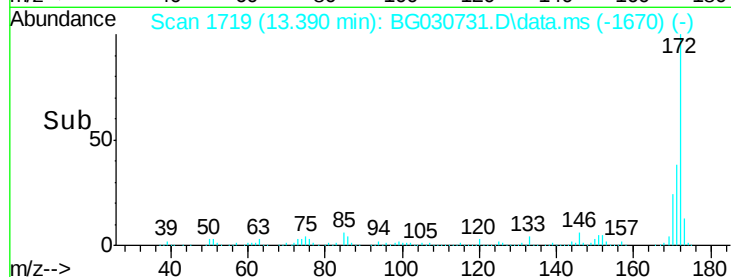
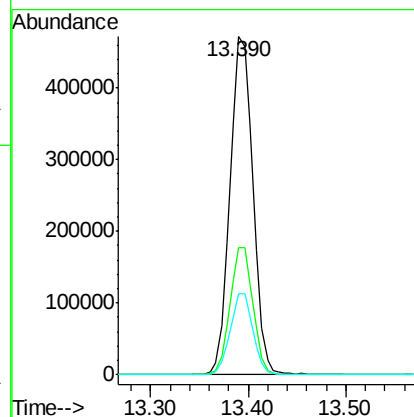
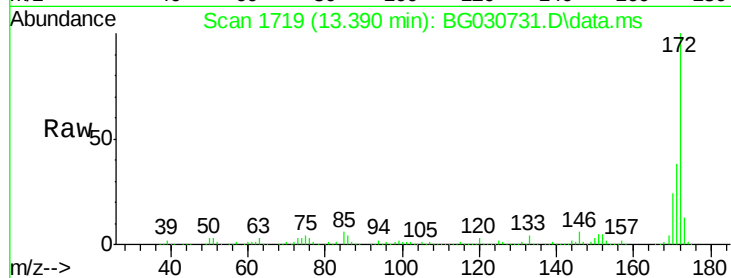
Tot Ion:172 Resp: 770414

Ion Ratio Lower Upper

172 100

171 37.6 30.0 45.0

170 23.9 19.5 29.3



#49

Dimethylphthalate

Concen: 10.70 ng

RT: 14.213 min Scan# 1859

Delta R.T. -0.004 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

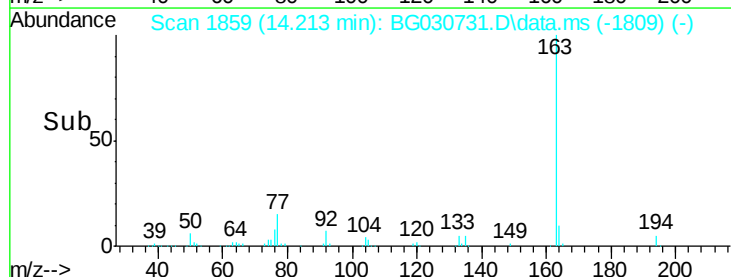
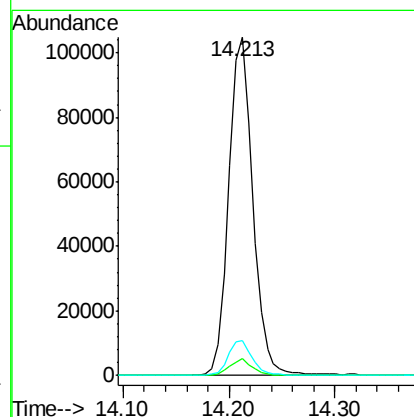
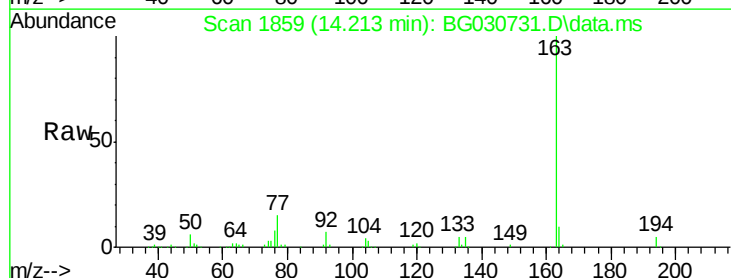
Tgt Ion:163 Resp: 165569

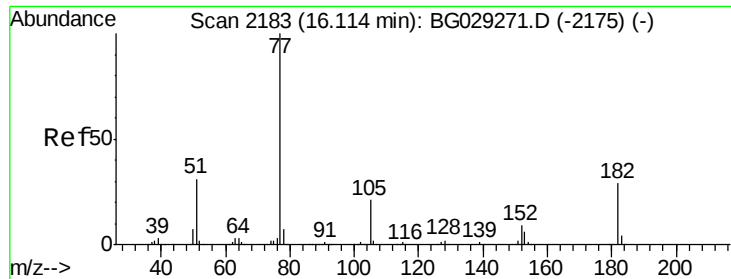
Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

164 10.2 8.2 12.4





#62

Azobenzene

Concen: 3.04 ng

RT: 16.111 min Scan# 21

Delta R.T. 0.014 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

Instrument :

BNA_G

ClientSampleId :

RLF-FD-02

Tot Ion: 77 Resp: 39580

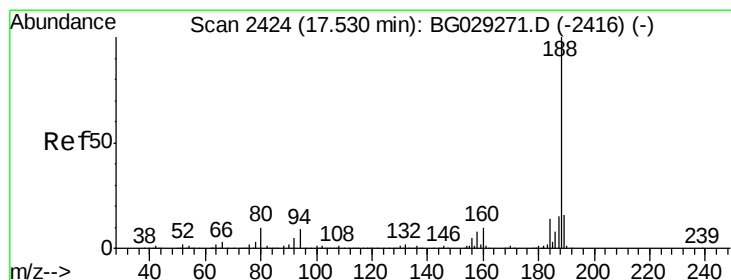
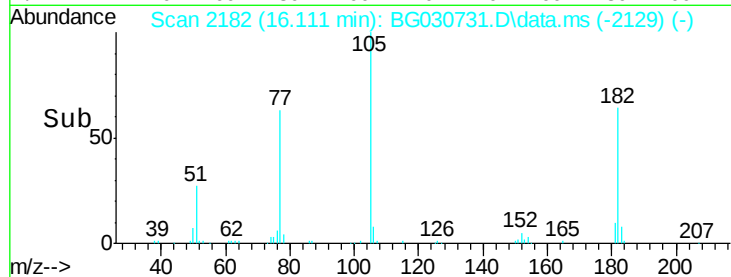
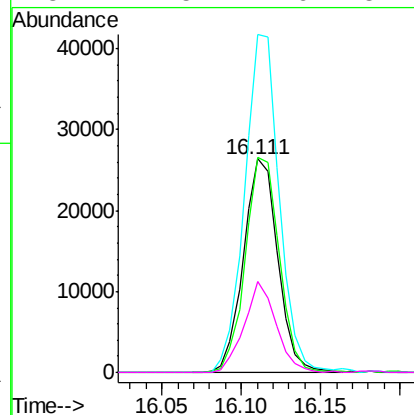
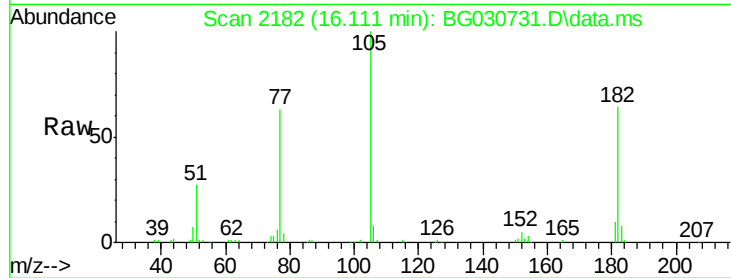
Ion Ratio Lower Upper

77 100

182 100.5 7.4 47.4#

105 158.1 0.3 40.3#

51 42.5 11.6 51.6



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.509 min Scan# 2420

Delta R.T. -0.004 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

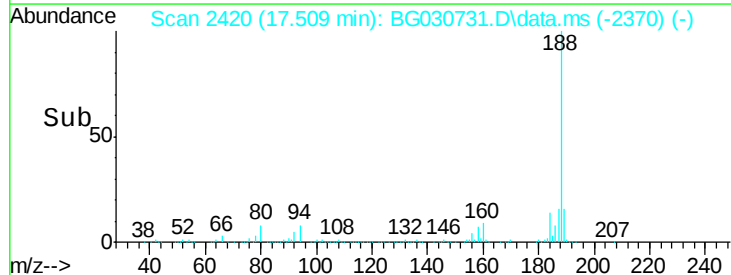
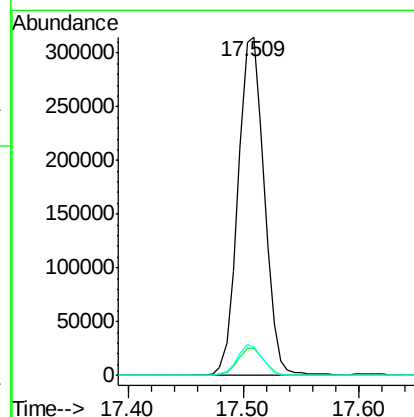
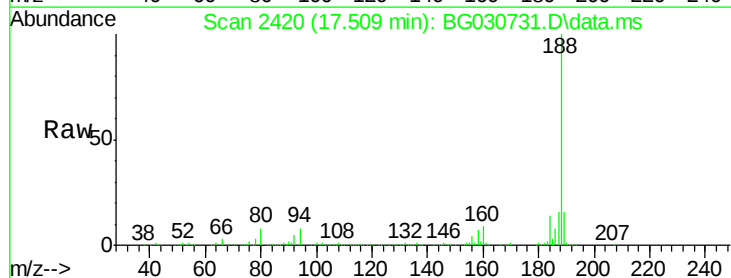
Tgt Ion: 188 Resp: 494085

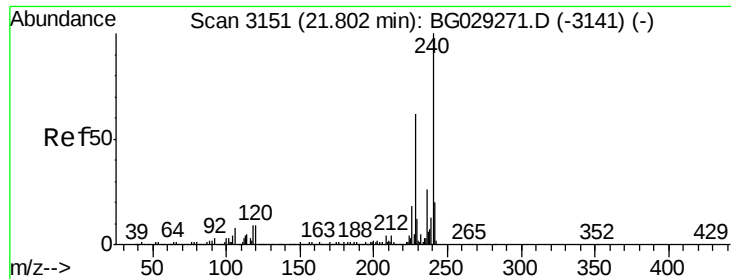
Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 8.2 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.775 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

Instrument :

BNA_G

ClientSampleId :

RLF-FD-02

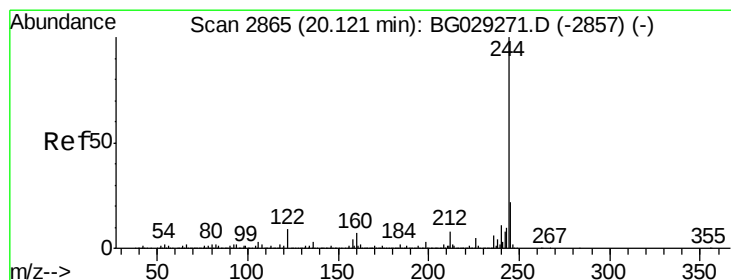
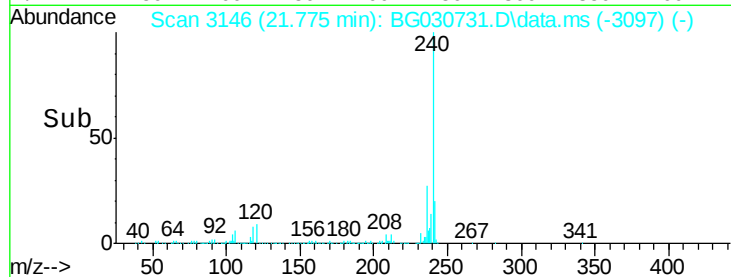
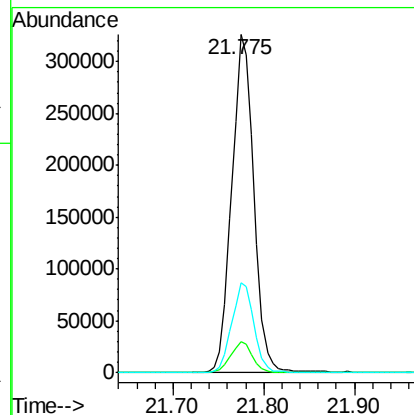
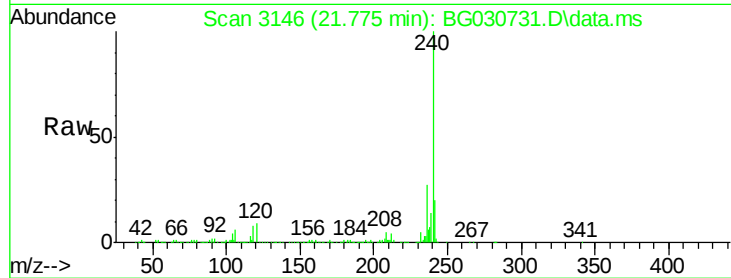
Tot Ion:240 Resp: 551693

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

236 26.5 20.9 31.3



#78

Terphenyl-d14

Concen: 46.89 ng

RT: 20.094 min Scan# 2860

Delta R.T. -0.004 min

Lab File: BG030731.D

Acq: 4 Nov 2017 11:44

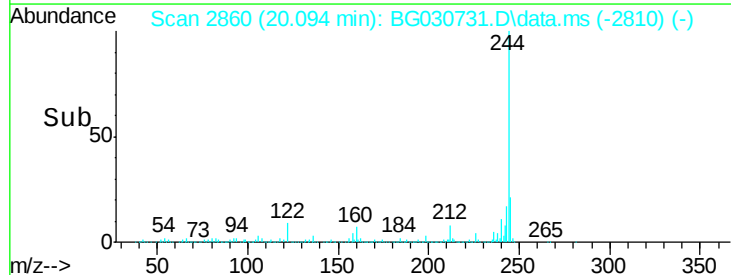
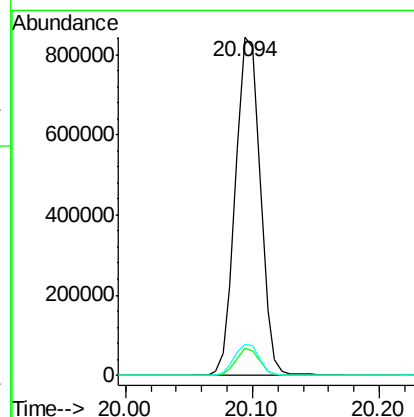
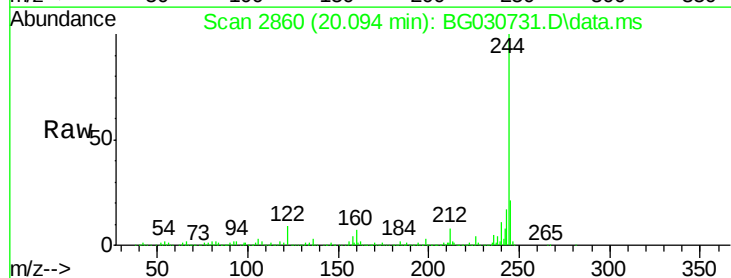
Tgt Ion:244 Resp: 1137064

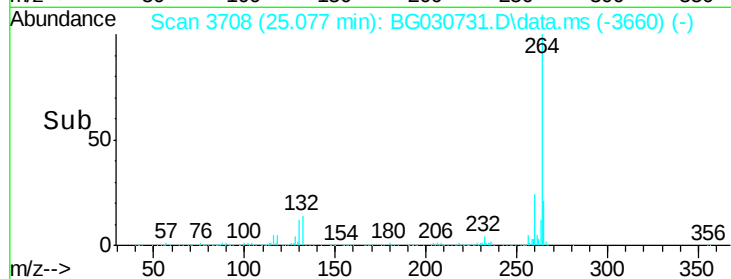
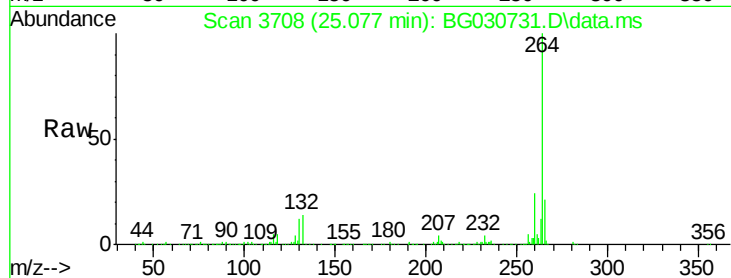
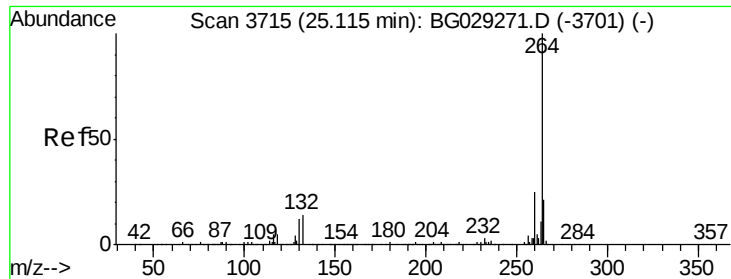
Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

122 9.2 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.077 min Scan# 37
 Delta R.T. -0.015 min
 Lab File: BG030731.D
 Acq: 4 Nov 2017 11:44

Instrument :
 BNA_G
 ClientSampleId :
 RLF-FD-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.7	17.7	26.5

