

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
 Data File : BG030728.D
 Acq On : 4 Nov 2017 9:52
 Operator : SJ/JU
 Sample : I6157-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-1

Quant Time: Nov 04 12:12:01 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

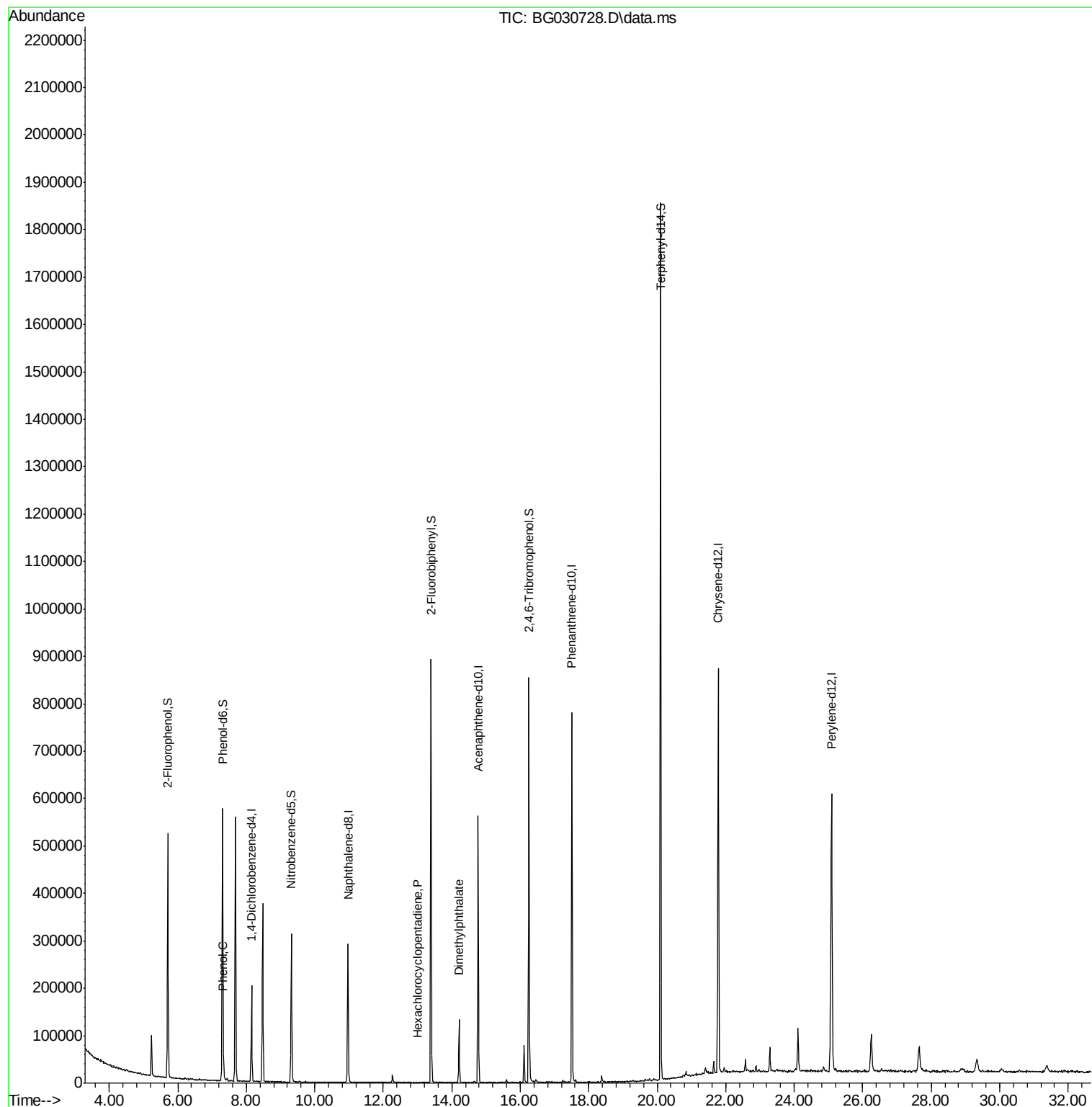
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.153	152	59142	20.00	ng	0.00
21) Naphthalene-d8	10.967	136	279378	20.00	ng	0.00
38) Acenaphthene-d10	14.769	164	200863	20.00	ng	0.00
63) Phenanthrene-d10	17.507	188	488265	20.00	ng	0.00
75) Chrysene-d12	21.778	240	538778	20.00	ng	0.00
86) Perylene-d12	25.092	264	557179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	249252	70.40	ng	0.00
7) Phenol-d6	7.307	99	356701	71.78	ng	0.00
23) Nitrobenzene-d5	9.316	82	197948	45.03	ng	0.00
41) 2,4,6-Tribromophenol	16.250	330	178102	68.68	ng	0.00
44) 2-Fluorobiphenyl	13.394	172	499544	36.48	ng	0.00
78) Terphenyl-d14	20.098	244	860677	36.34	ng	0.00
Target Compounds						
10) Phenol	7.336	94	16232	3.03	ng	91
40) Hexachlorocyclopentadiene	12.989	237	70	4.68	ng	# 22
49) Dimethylphthalate	14.211	163	106953	6.82	ng	99

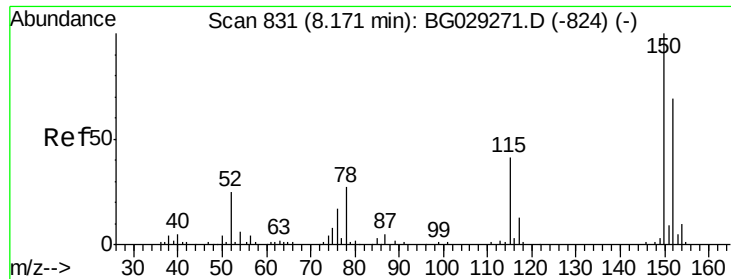
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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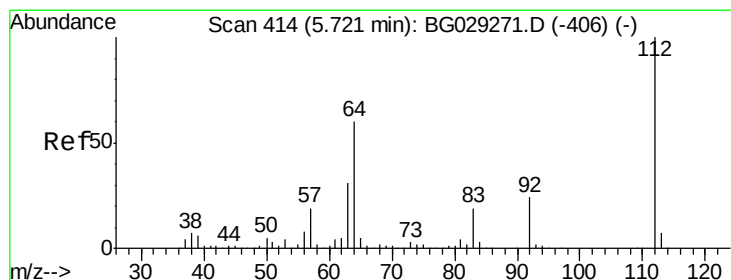
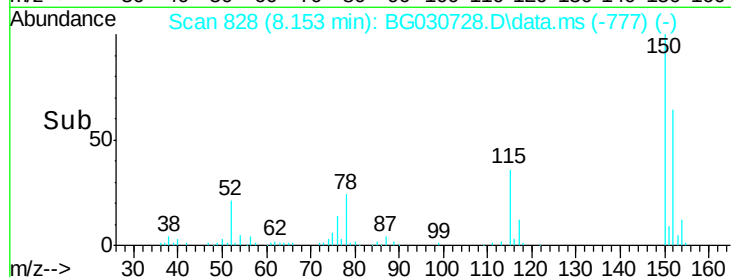
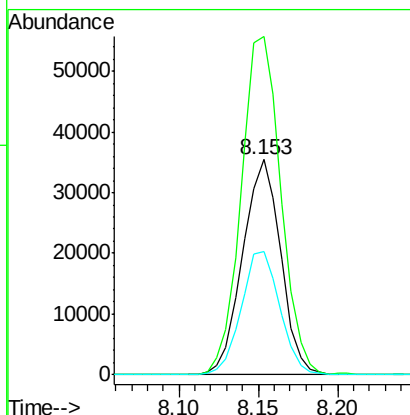
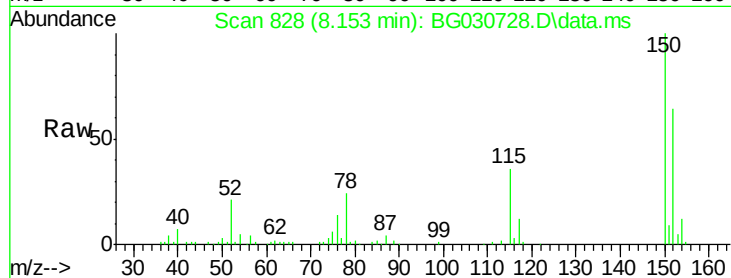




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.153 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BG030728.D
 Acq: 4 Nov 2017 9:52

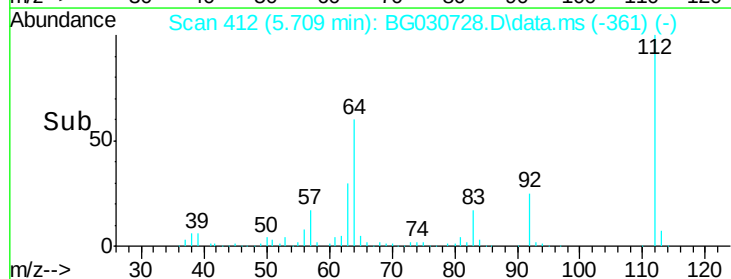
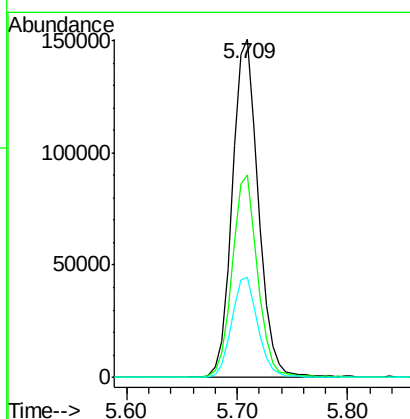
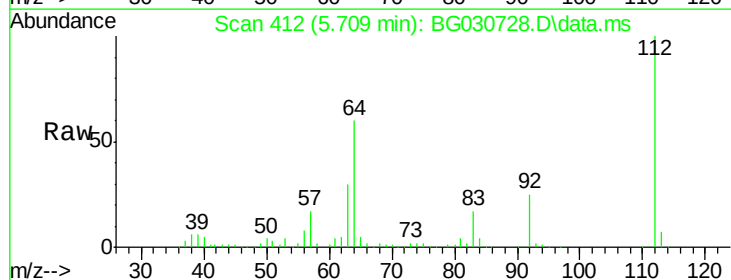
Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-1

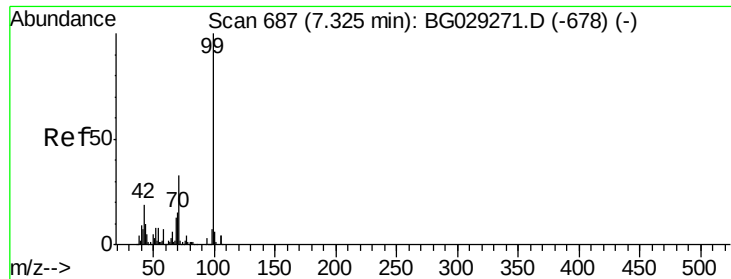
Tot Ion:152 Resp: 59142
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.6 189.8
 115 57.3 53.0 79.4



#5
 2-Fluorophenol
 Concen: 70.40 ng
 RT: 5.709 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: BG030728.D
 Acq: 4 Nov 2017 9:52

Tgt Ion:112 Resp: 249252
 Ion Ratio Lower Upper
 112 100
 64 59.9 56.3 84.5
 63 29.5 30.1 45.1#





#7

Phenol-d6

Concen: 71.78 ng

RT: 7.307 min Scan# 68

Delta R.T. 0.000 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

Instrument :

BNA_G

ClientSampleId :

RLF-SD-1

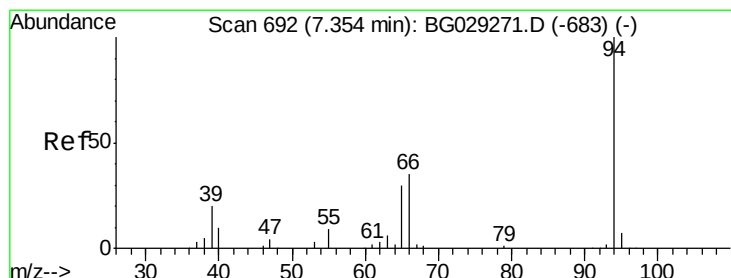
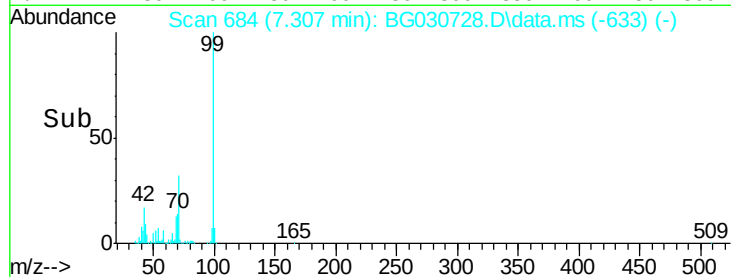
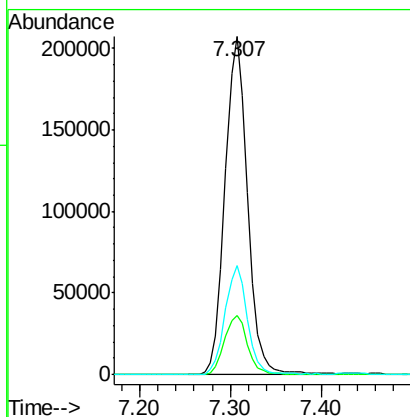
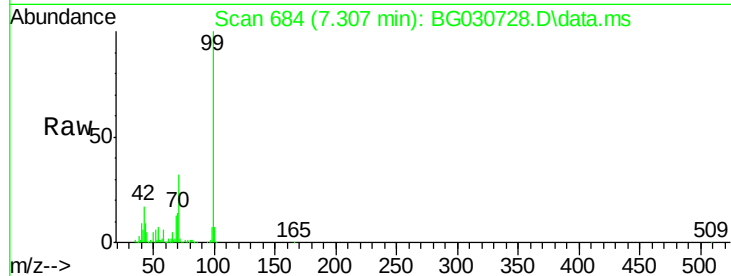
Tot Ion: 99 Resp: 356701

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 32.4 26.1 39.1



#10

Phenol

Concen: 3.03 ng

RT: 7.336 min Scan# 689

Delta R.T. 0.000 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

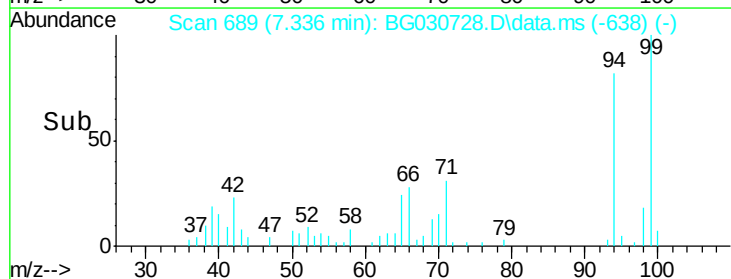
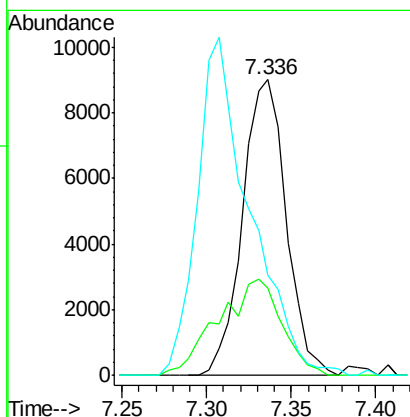
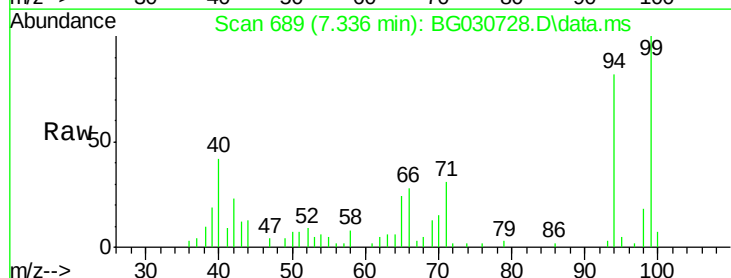
Tgt Ion: 94 Resp: 16232

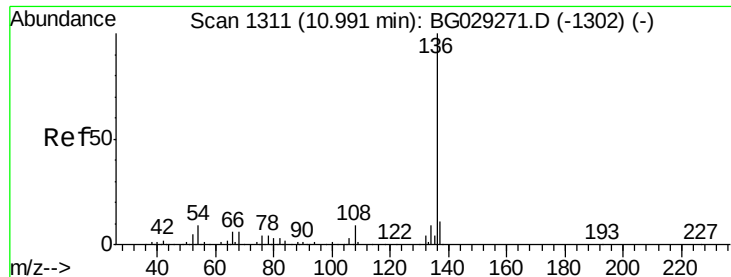
Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

66 33.8 22.2 62.2

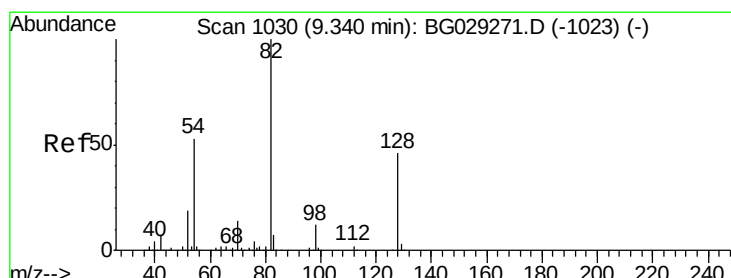
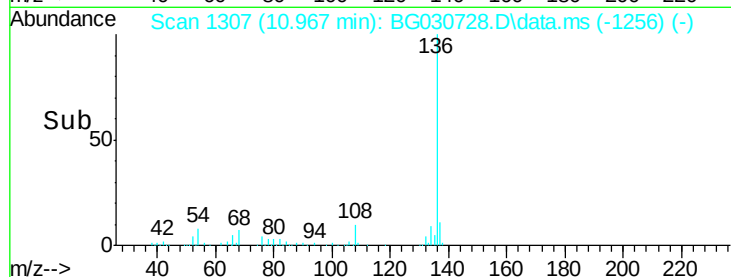
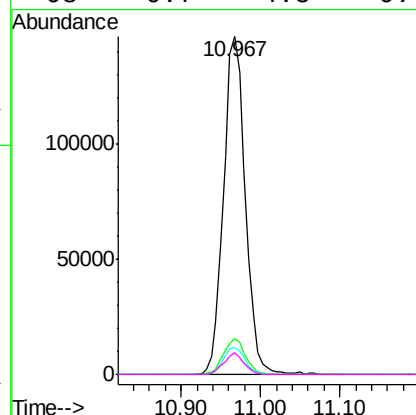
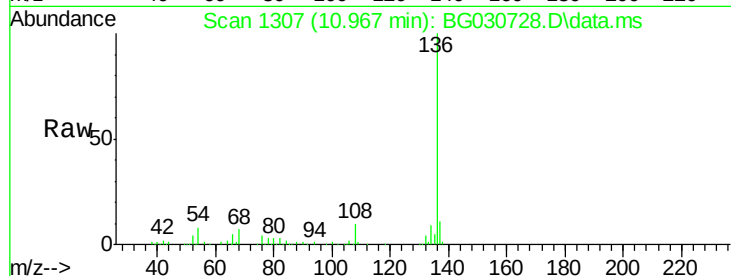




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.967 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

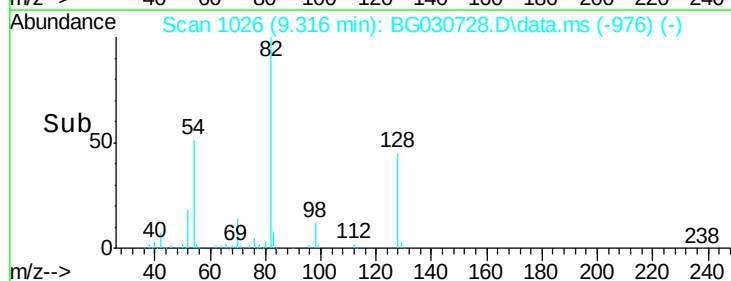
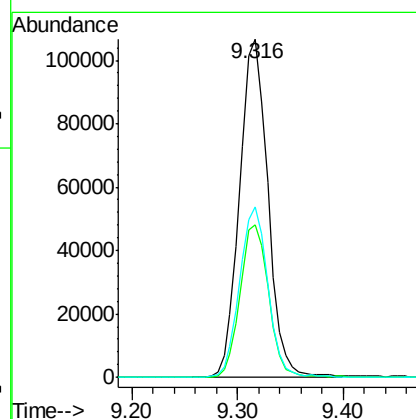
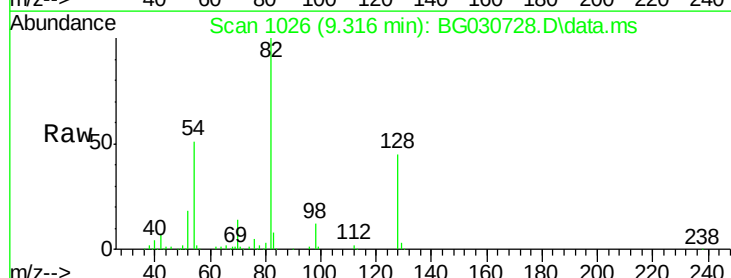
Instrument :
BNA_G
ClientSampleId :
RLF-SD-1

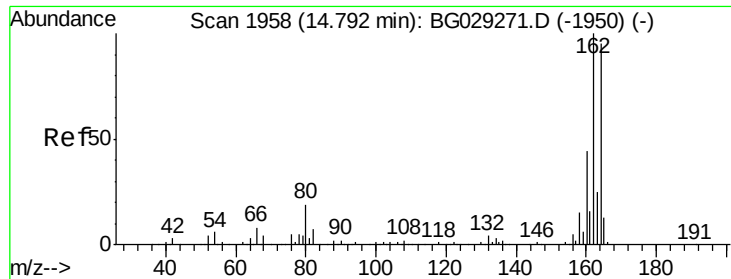
Tot Ion:	136	Resp:	279378
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.2	13.8
54	8.1	10.3	15.5#
68	6.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 45.03 ng
RT: 9.316 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Tgt Ion:	82	Resp:	197948
Ion Ratio	Lower	Upper	
82	100		
128	45.2	29.7	44.5#
54	50.5	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.769 min Scan# 19

Delta R.T. -0.006 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

Instrument :

BNA_G

ClientSampleId :

RLF-SD-1

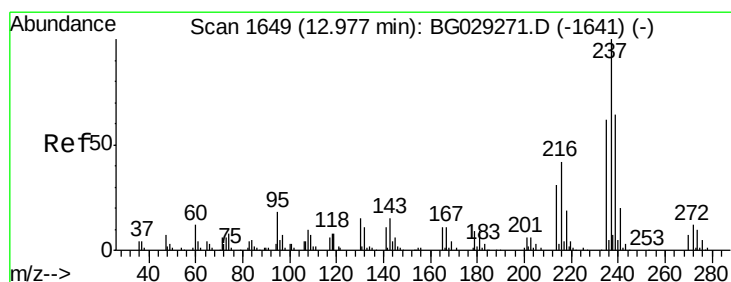
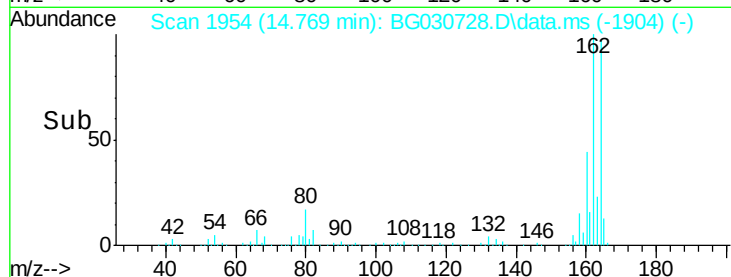
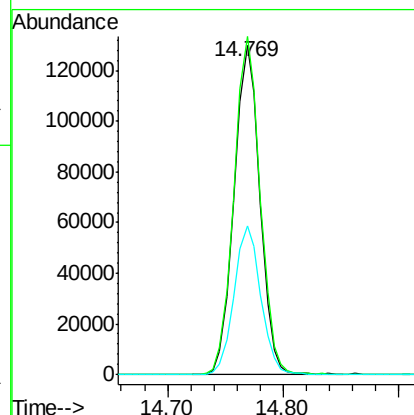
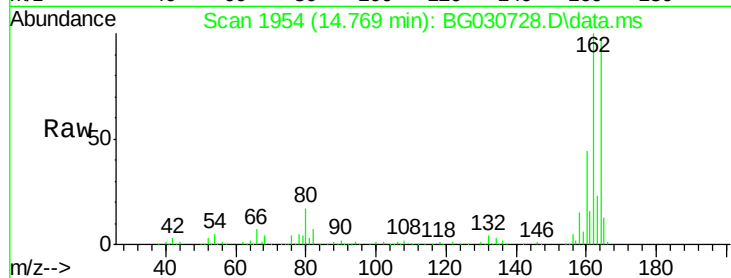
Tot Ion:164 Resp: 200863

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

160 45.4 35.4 53.0



#40

Hexachlorocyclopentadiene

Concen: 4.68 ng

RT: 12.989 min Scan# 1651

Delta R.T. 0.036 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

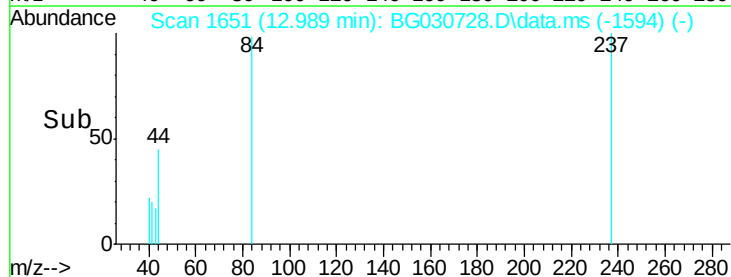
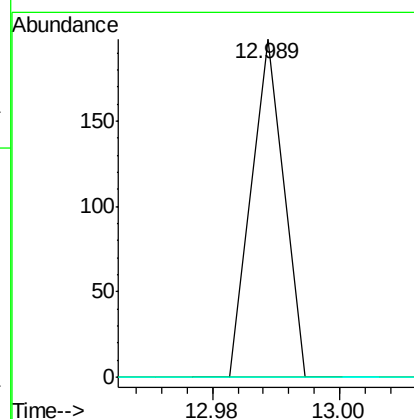
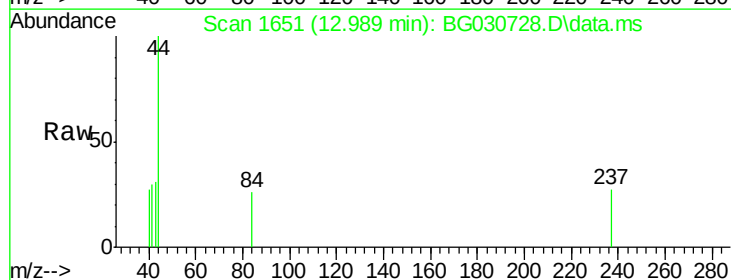
Tgt Ion:237 Resp: 70

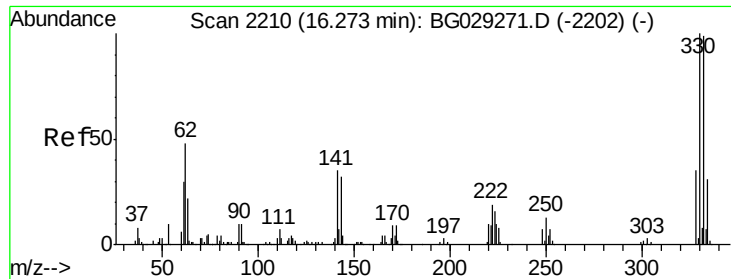
Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

272 0.0 0.0 31.8

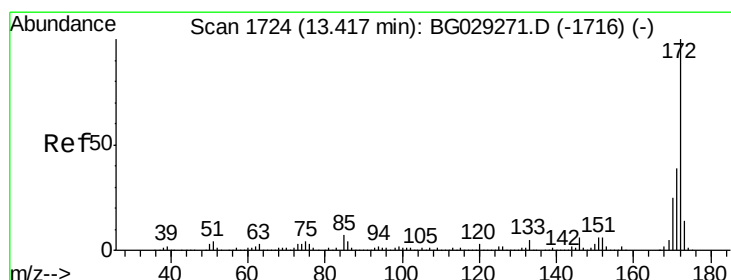
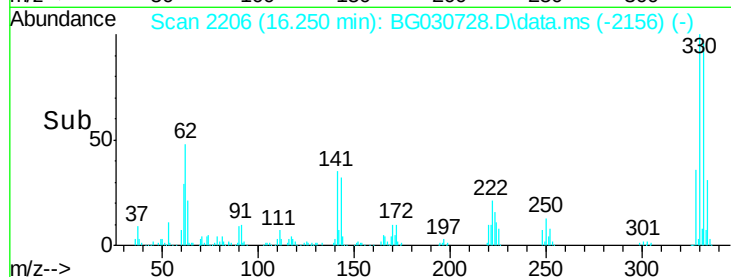
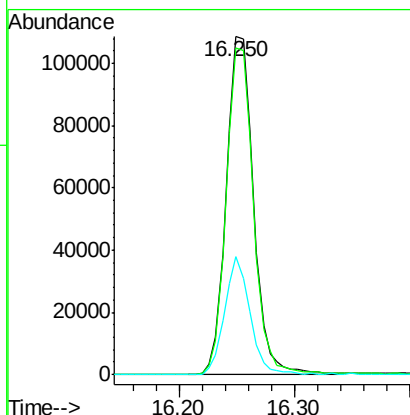
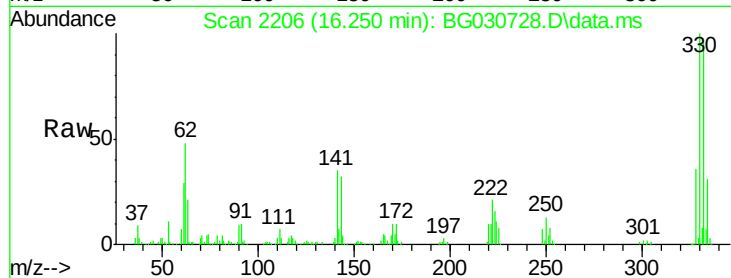




#41
 2,4,6-Tribromophenol
 Concen: 68.68 ng
 RT: 16.250 min Scan# 2210
 Delta R.T. -0.006 min
 Lab File: BG030728.D
 Acq: 4 Nov 2017 9:52

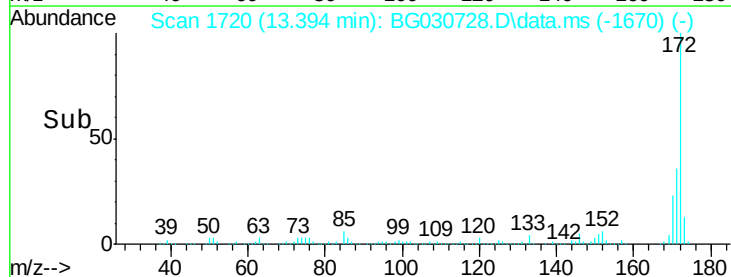
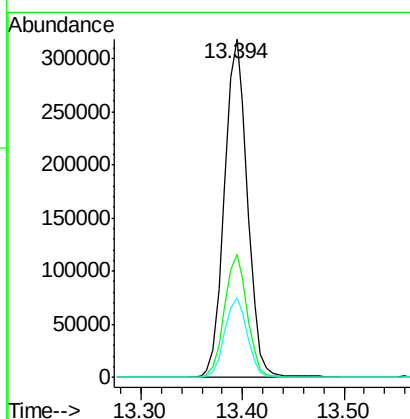
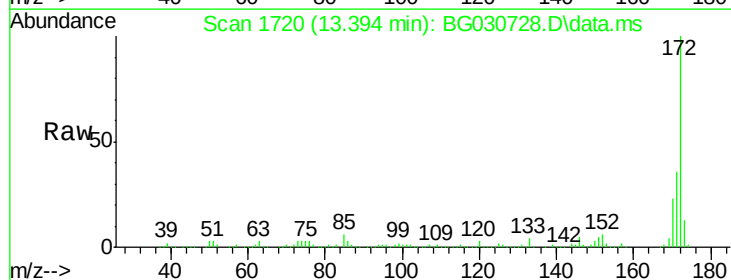
Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-1

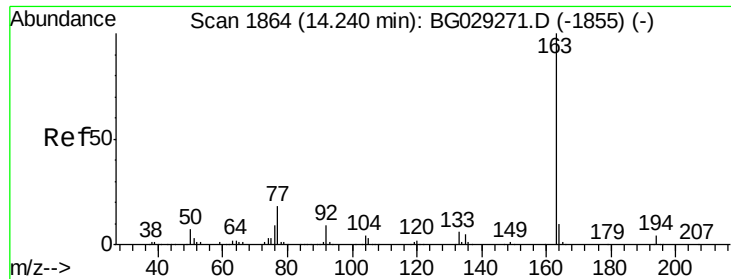
Tot Ion:330 Resp: 178102
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.2 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 36.48 ng
 RT: 13.394 min Scan# 1720
 Delta R.T. -0.006 min
 Lab File: BG030728.D
 Acq: 4 Nov 2017 9:52

Tgt Ion:172 Resp: 499544
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.0 45.0
 170 23.4 19.5 29.3





#49

Dimethylphthalate

Concen: 6.82 ng

RT: 14.211 min Scan# 18

Delta R.T. -0.006 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

Instrument :

BNA_G

ClientSampleId :

RLF-SD-1

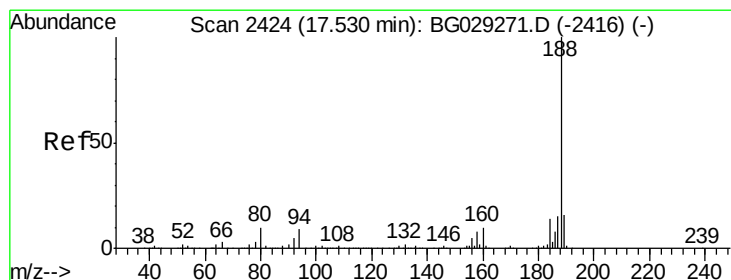
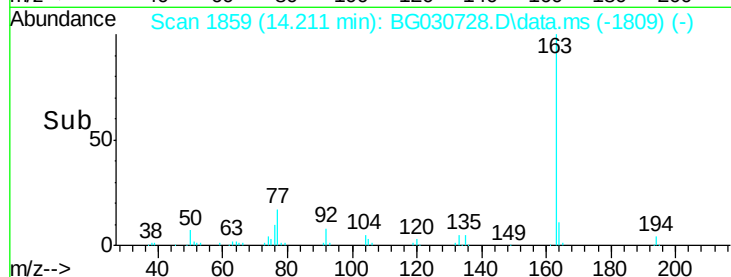
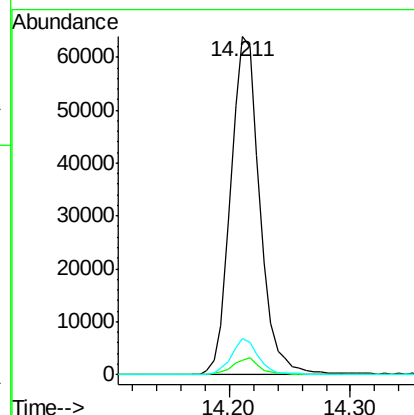
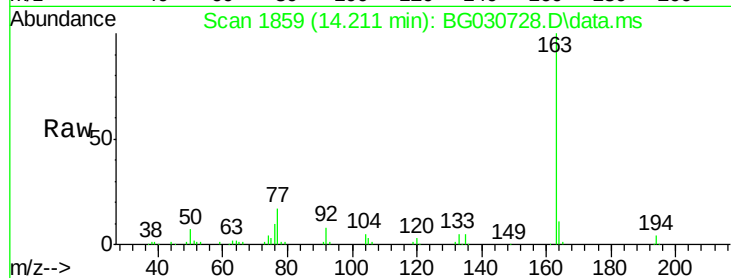
Tot Ion:163 Resp: 106953

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.6 8.2 12.4



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.507 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

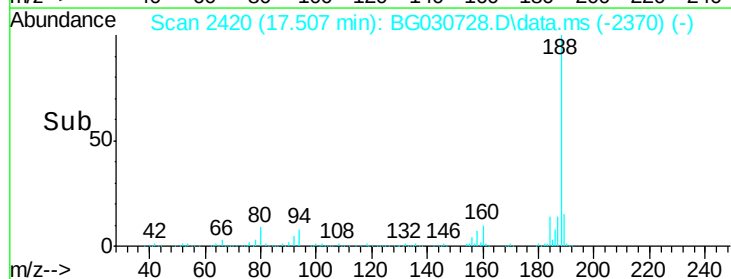
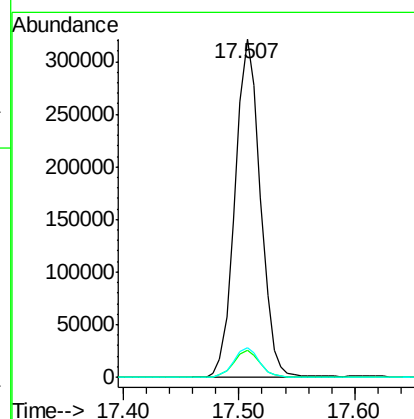
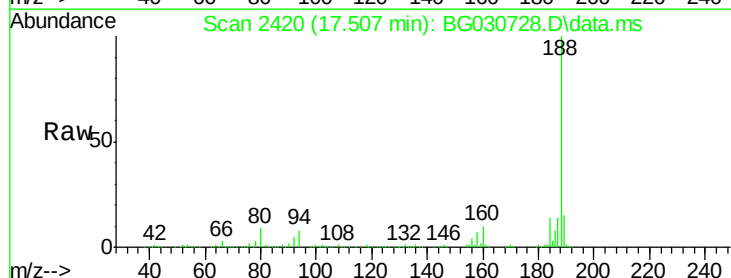
Tgt Ion:188 Resp: 488265

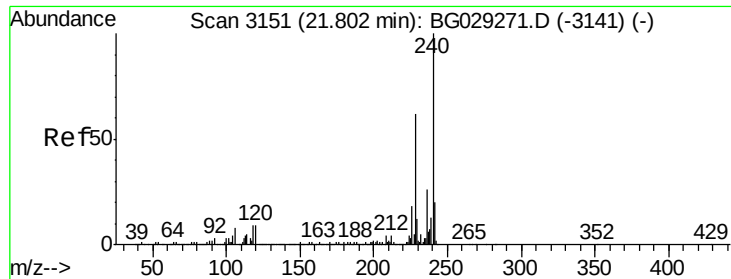
Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

80 8.9 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.778 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

Instrument :

BNA_G

ClientSampleId :

RLF-SD-1

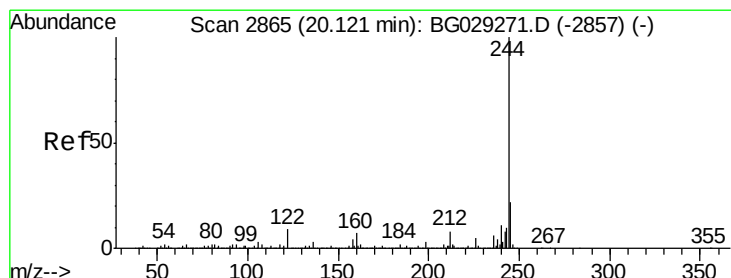
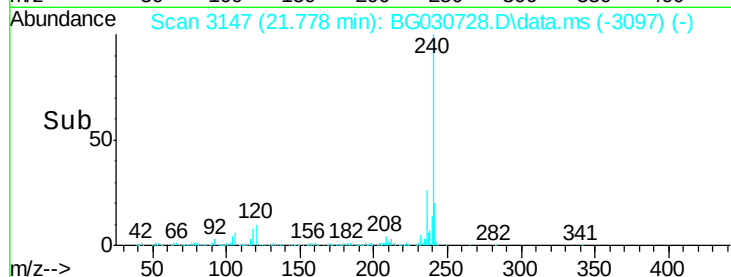
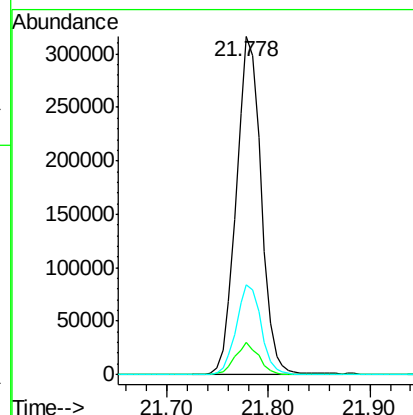
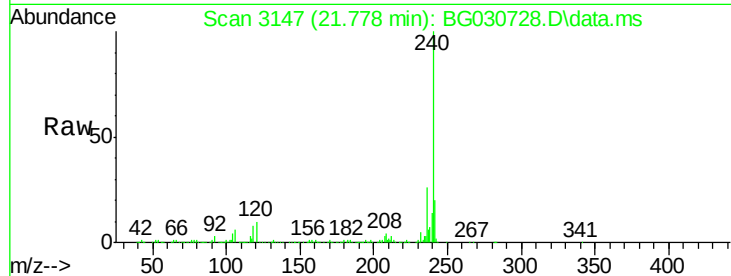
Tot Ion:240 Resp: 538778

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

236 26.4 20.9 31.3



#78

Terphenyl-d14

Concen: 36.34 ng

RT: 20.098 min Scan# 2861

Delta R.T. 0.000 min

Lab File: BG030728.D

Acq: 4 Nov 2017 9:52

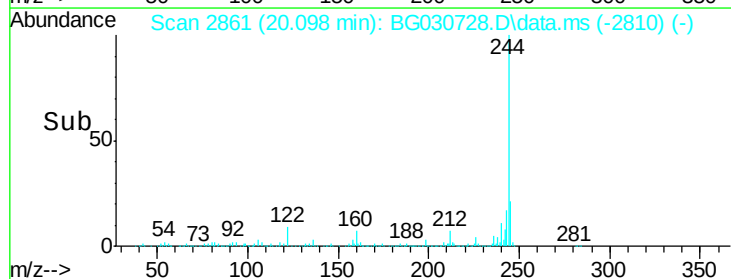
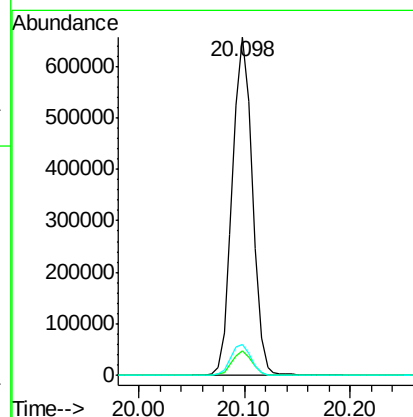
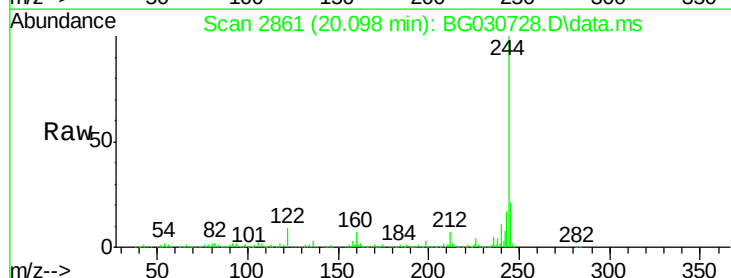
Tgt Ion:244 Resp: 860677

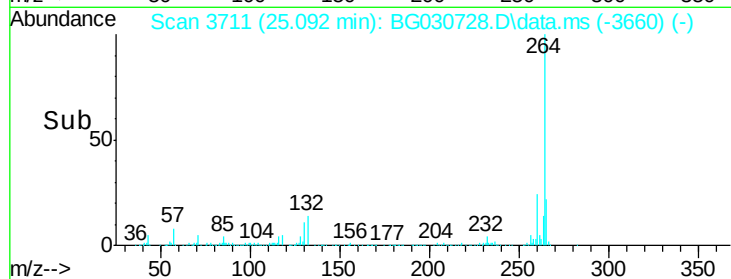
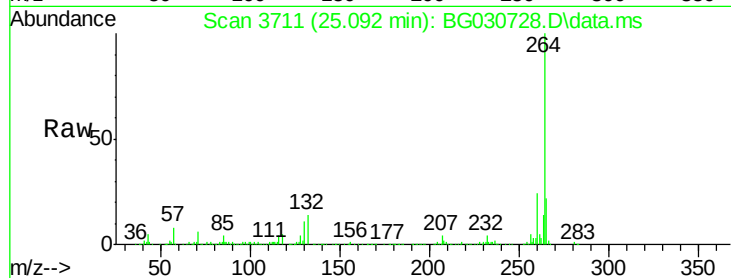
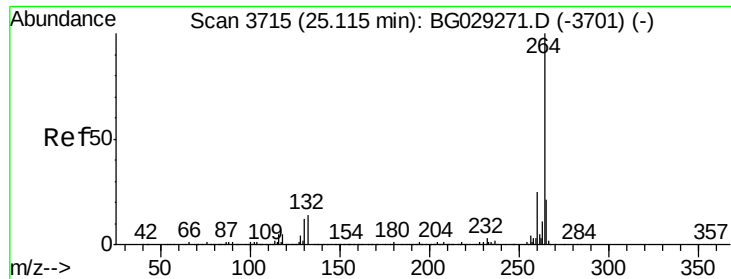
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.3 7.0 10.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.092 min Scan# 37
Delta R.T. 0.000 min
Lab File: BG030728.D
Acq: 4 Nov 2017 9:52

Instrument :
BNA_G
ClientSampleId :
RLF-SD-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.5	17.7	26.5

