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 Data File : BG030732.D
 Acq On : 4 Nov 2017 12:22
 Operator : SJ/JU
 Sample : I6157-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-4

Quant Time: Nov 04 13:16:43 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

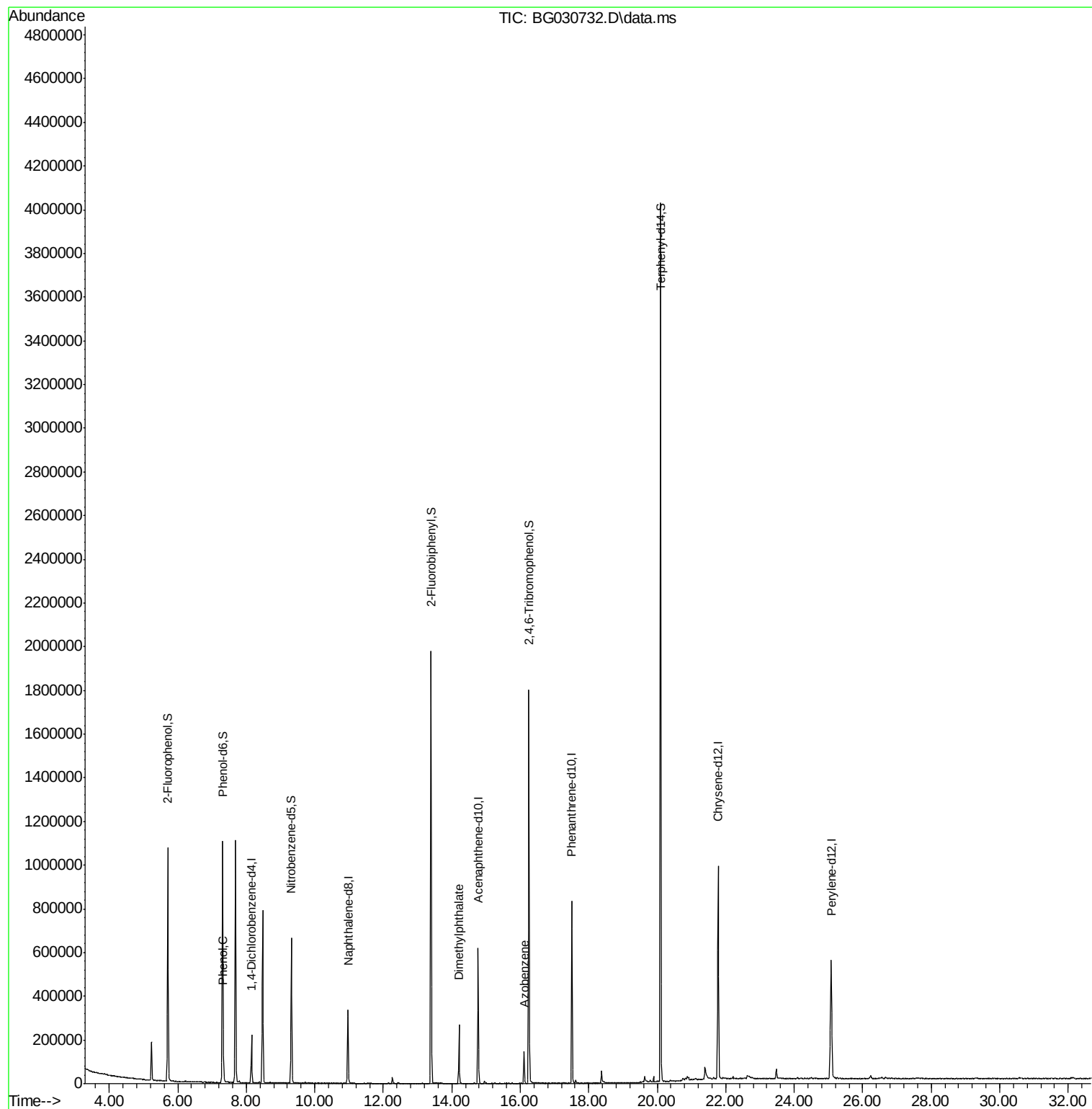
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.153	152	64841	20.00	ng	0.00
21) Naphthalene-d8	10.967	136	302747	20.00	ng	0.00
38) Acenaphthene-d10	14.769	164	216860	20.00	ng	0.00
63) Phenanthrene-d10	17.507	188	527882	20.00	ng	0.00
75) Chrysene-d12	21.778	240	590446	20.00	ng	0.00
86) Perylene-d12	25.080	264	596956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	496642	127.95	ng	0.00
7) Phenol-d6	7.307	99	701457	128.75	ng	0.00
23) Nitrobenzene-d5	9.316	82	415202	87.15	ng	0.00
41) 2,4,6-Tribromophenol	16.255	330	365438	130.52	ng	0.00
44) 2-Fluorobiphenyl	13.394	172	1095211	74.07	ng	0.00
78) Terphenyl-d14	20.098	244	1850971	71.32	ng	0.00
Target Compounds						
10) Phenol	7.336	94	31442	5.35	ng	95
49) Dimethylphthalate	14.211	163	193810	11.45	ng	98
62) Azobenzene	16.114	77	40239	2.83	ng	# 1

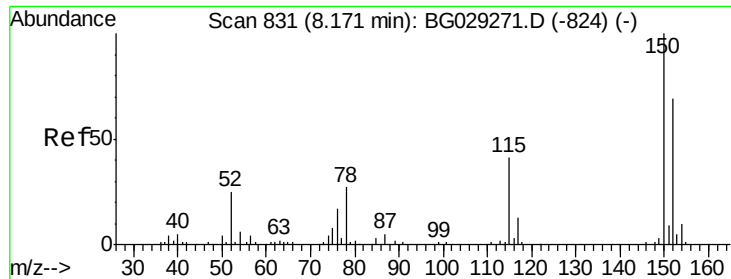
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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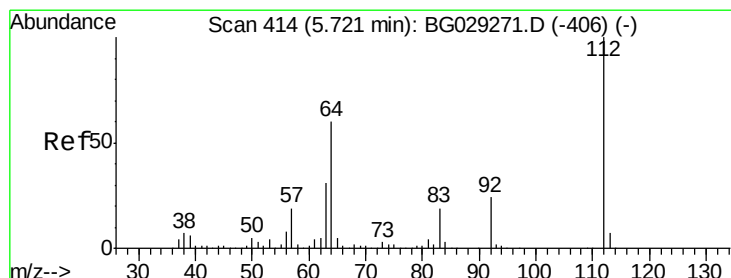
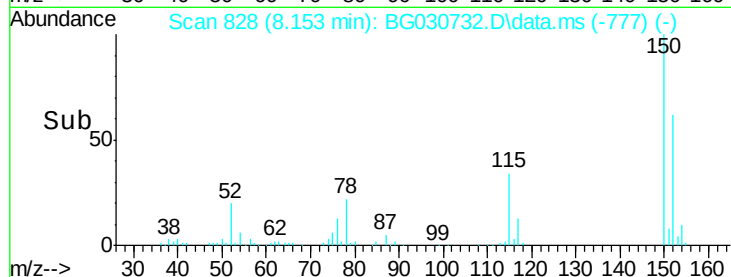
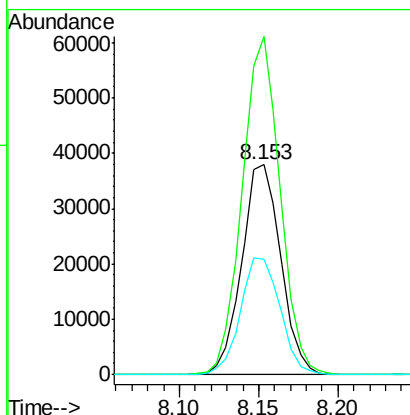
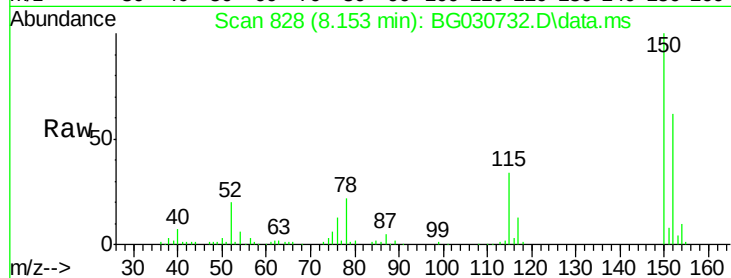




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.153 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BG030732.D
 Acq: 4 Nov 2017 12:22

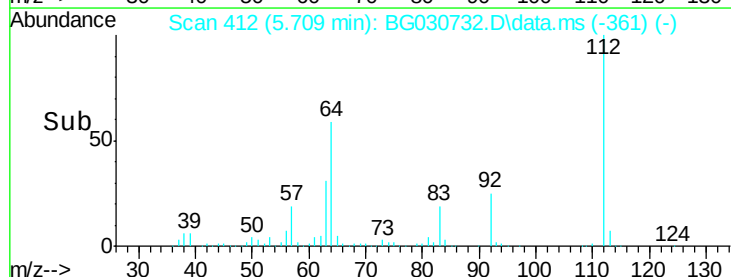
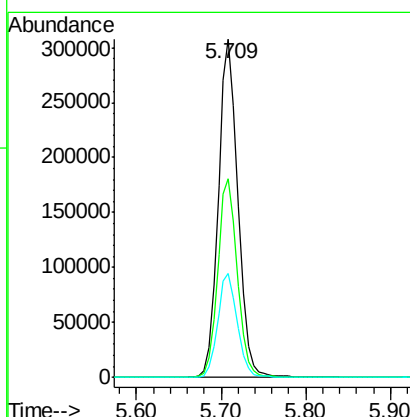
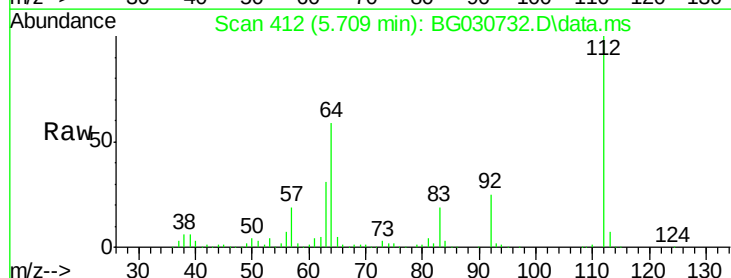
Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-4

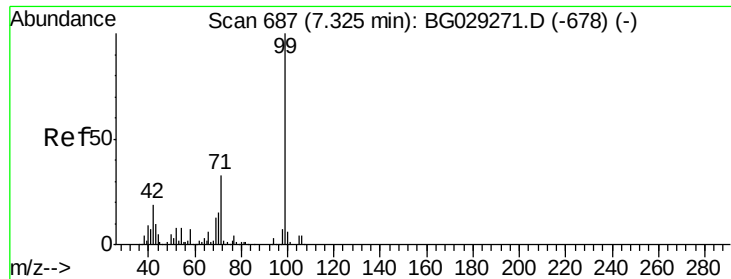
Tot Ion:152 Resp: 64841
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.6 189.8
 115 55.0 53.0 79.4



#5
 2-Fluorophenol
 Concen: 127.95 ng
 RT: 5.709 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: BG030732.D
 Acq: 4 Nov 2017 12:22

Tgt Ion:112 Resp: 496642
 Ion Ratio Lower Upper
 112 100
 64 58.6 56.3 84.5
 63 30.7 30.1 45.1





#7

Phenol-d6

Concen: 128.75 ng

RT: 7.307 min Scan# 68

Delta R.T. 0.000 min

Lab File: BG030732.D

Acq: 4 Nov 2017 12:22

Instrument :

BNA_G

ClientSampleId :

RLF-SD-4

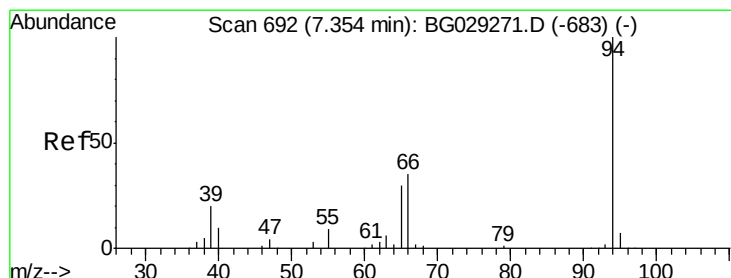
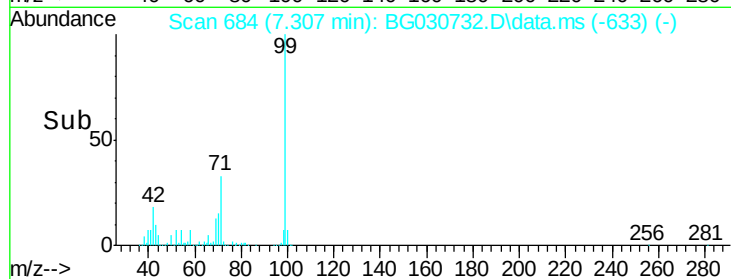
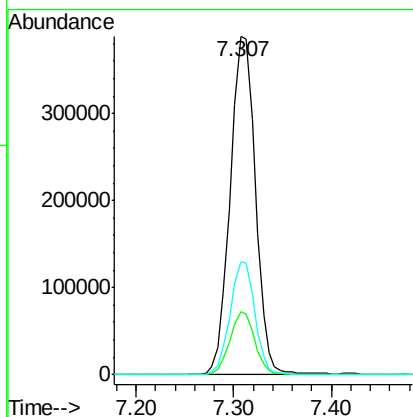
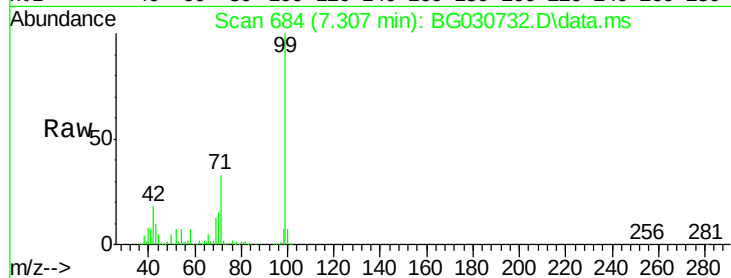
Tot Ion: 99 Resp: 701457

Ion Ratio Lower Upper

99 100

42 18.5 14.1 21.1

71 33.2 26.1 39.1



#10

Phenol

Concen: 5.35 ng

RT: 7.336 min Scan# 689

Delta R.T. 0.000 min

Lab File: BG030732.D

Acq: 4 Nov 2017 12:22

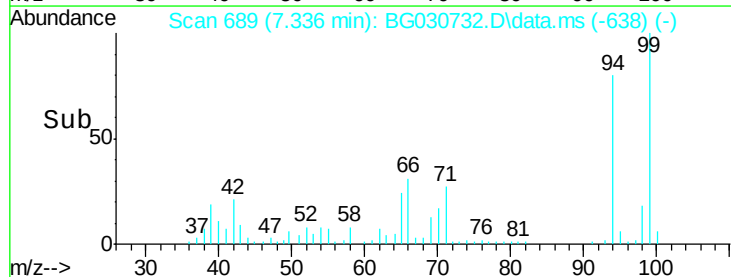
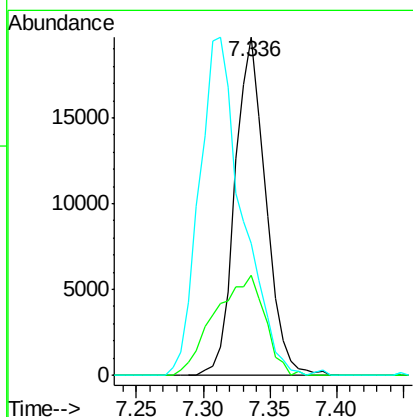
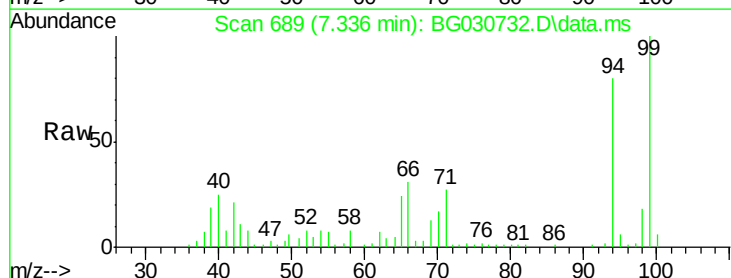
Tgt Ion: 94 Resp: 31442

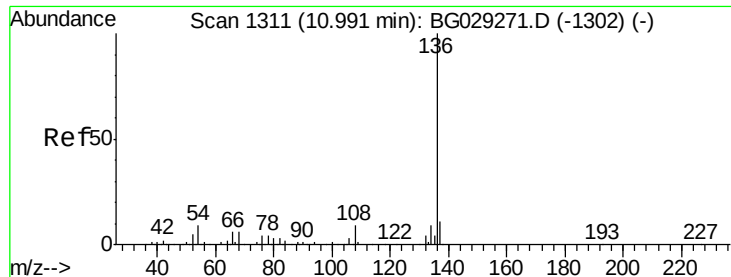
Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

66 39.0 22.2 62.2

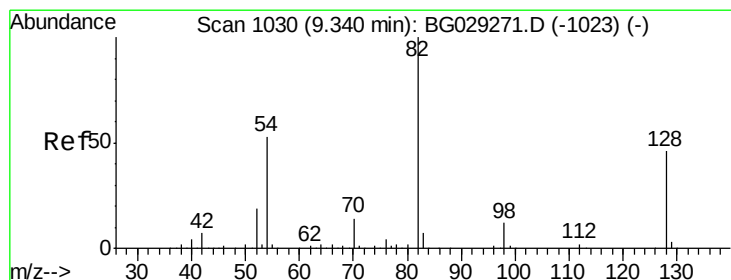
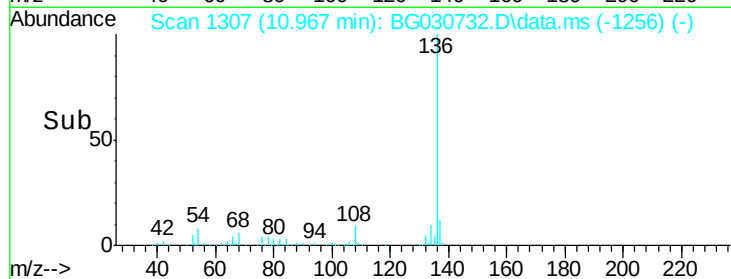
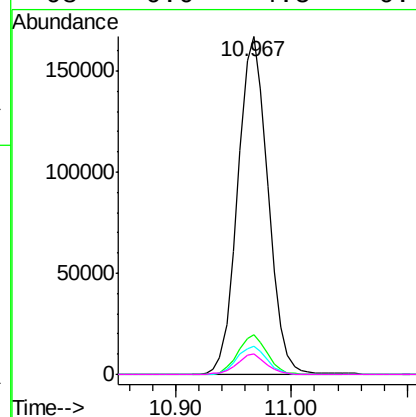
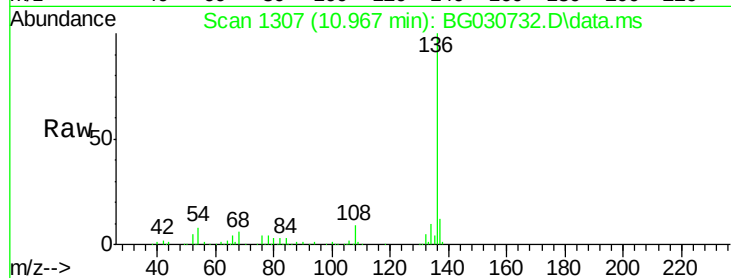




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.967 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BG030732.D
Acq: 4 Nov 2017 12:22

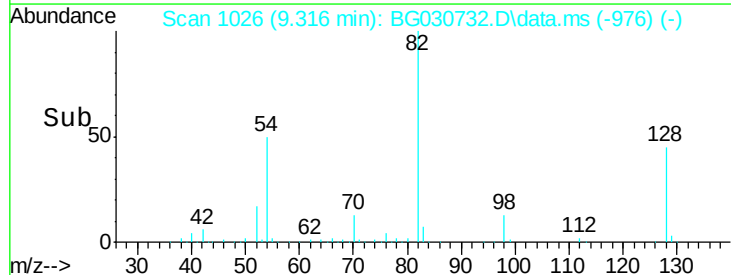
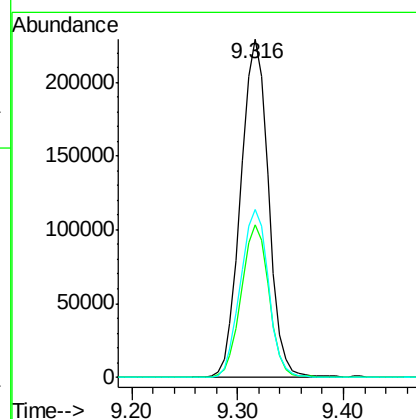
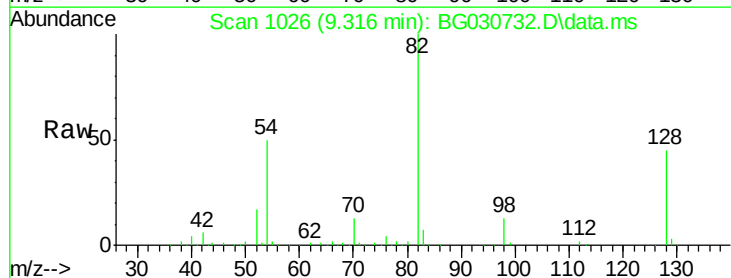
Instrument :
BNA_G
ClientSampleId :
RLF-SD-4

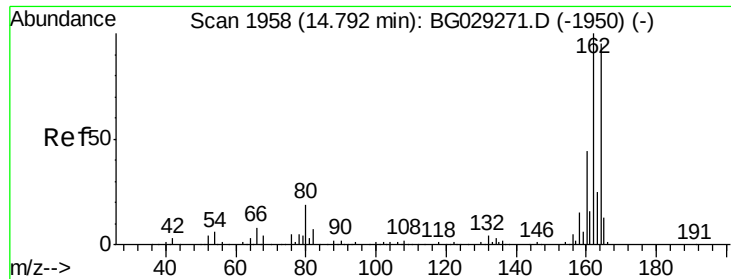
Tot Ion:	136	Resp:	302747
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.2	13.8
54	8.4	10.3	15.5#
68	6.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 87.15 ng
RT: 9.316 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG030732.D
Acq: 4 Nov 2017 12:22

Tgt Ion:	82	Resp:	415202
Ion Ratio	Lower	Upper	
82	100		
128	45.2	29.7	44.5#
54	49.8	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: BG030732.D

Acq: 4 Nov 2017 12:22

Instrument :

BNA_G

ClientSampleId :

RLF-SD-4

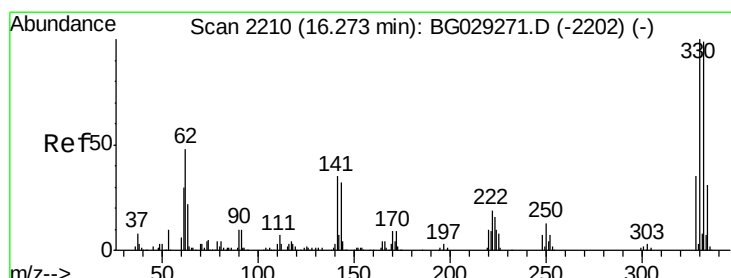
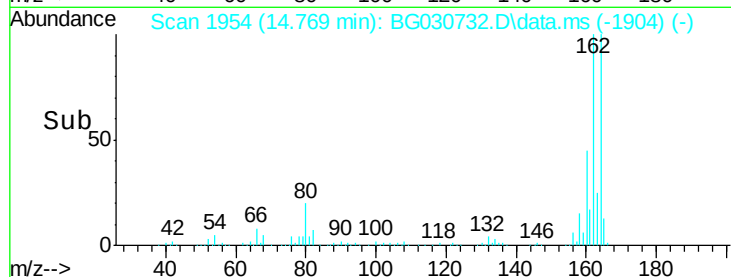
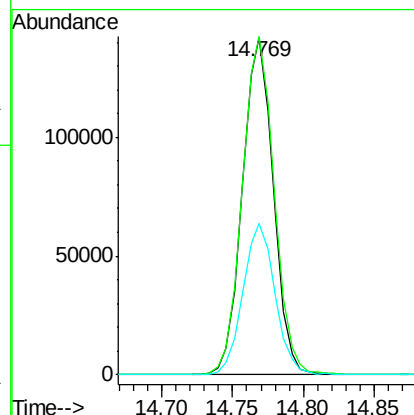
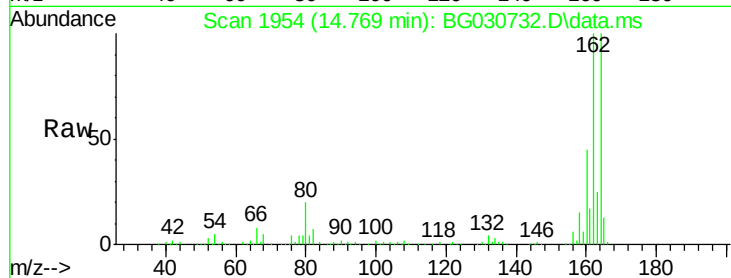
Tot Ion:164 Resp: 216860

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

160 44.7 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 130.52 ng

RT: 16.255 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BG030732.D

Acq: 4 Nov 2017 12:22

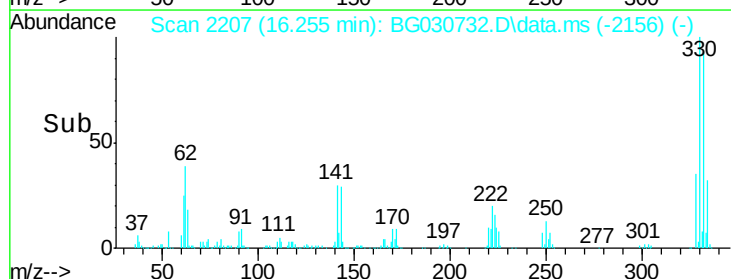
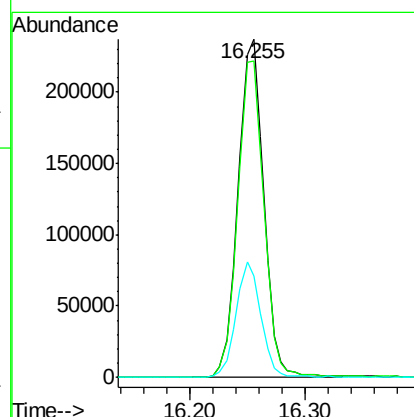
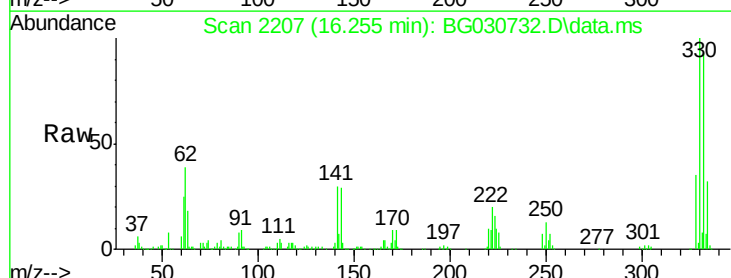
Tgt Ion:330 Resp: 365438

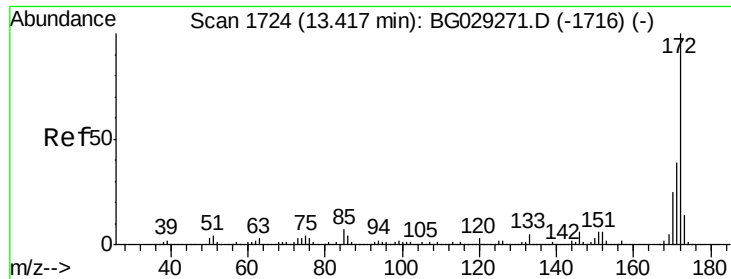
Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 33.3 25.2 37.8

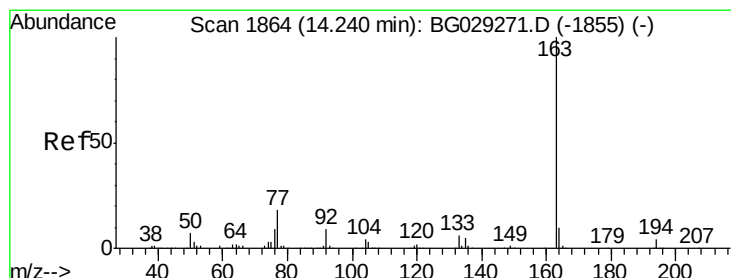
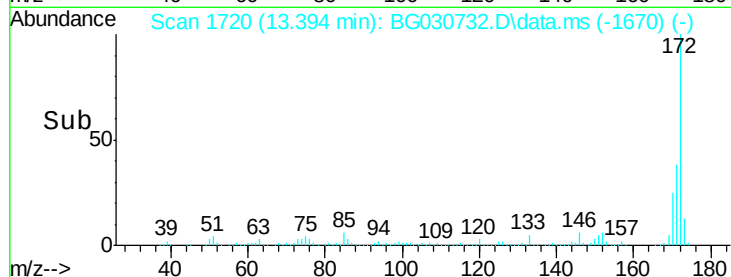
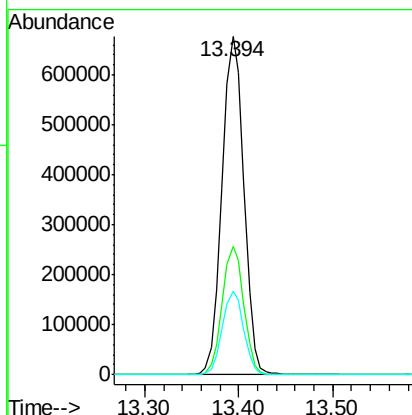
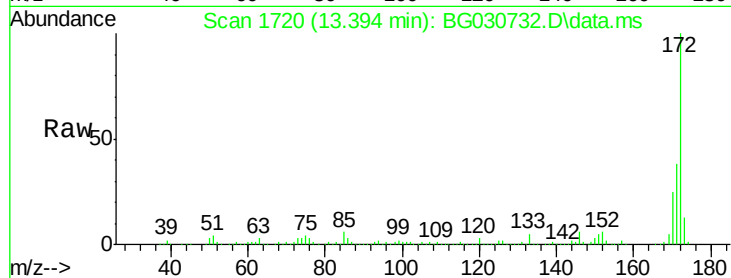




#44
2-Fluorobiphenyl
Concen: 74.07 ng
RT: 13.394 min Scan# 171
Delta R.T. -0.006 min
Lab File: BG030732.D
Acq: 4 Nov 2017 12:22

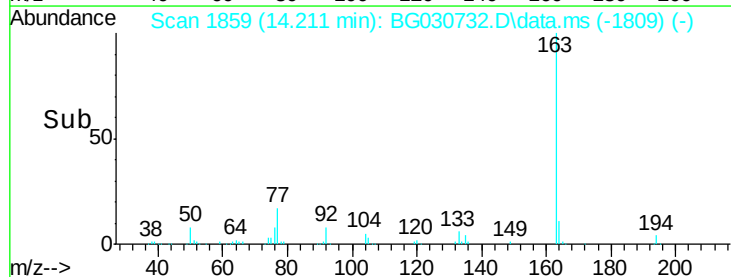
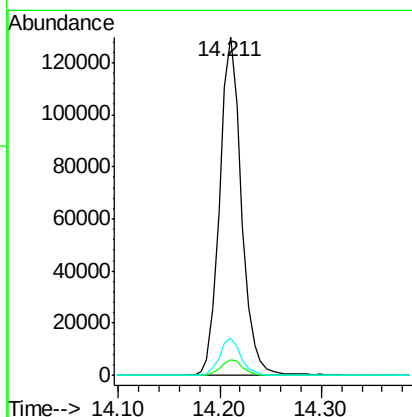
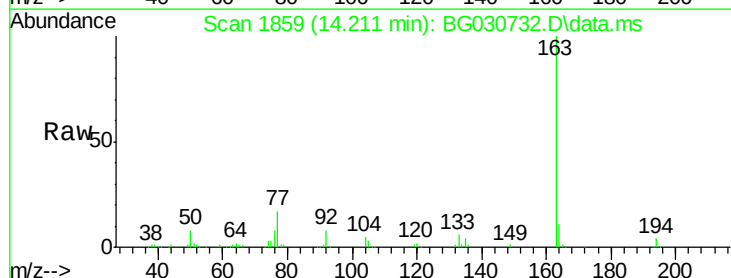
Instrument :
BNA_G
ClientSampleId :
RLF-SD-4

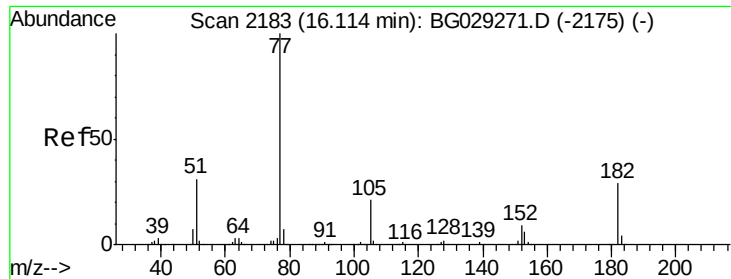
Tot Ion:172 Resp: 1095211
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 24.6 19.5 29.3



#49
Dimethylphthalate
Concen: 11.45 ng
RT: 14.211 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BG030732.D
Acq: 4 Nov 2017 12:22

Tgt Ion:163 Resp: 193810
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.1 8.2 12.4





#62

Azobenzene

Concen: 2.83 ng

RT: 16.114 min Scan# 21

Delta R.T. 0.018 min

Lab File: BG030732.D

Acq: 4 Nov 2017 12:22

Instrument :

BNA_G

ClientSampleId :

RLF-SD-4

Tot Ion: 77 Resp: 40239

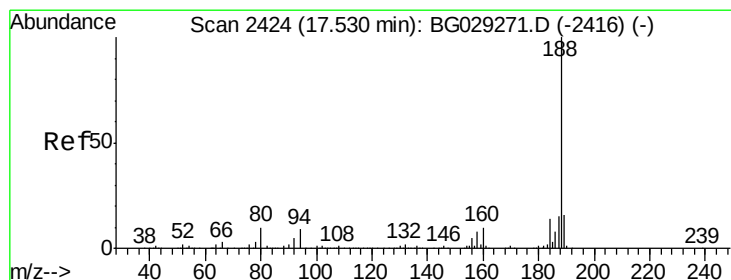
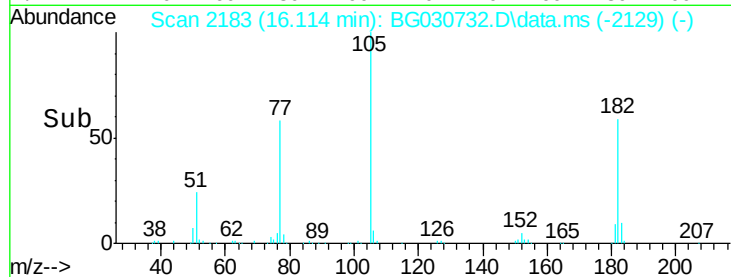
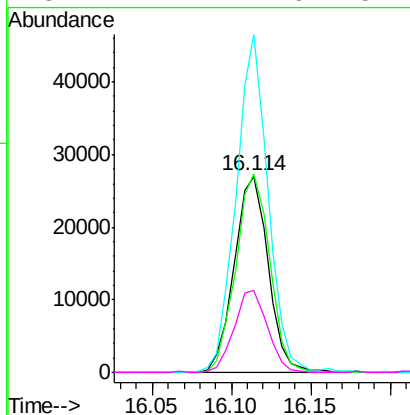
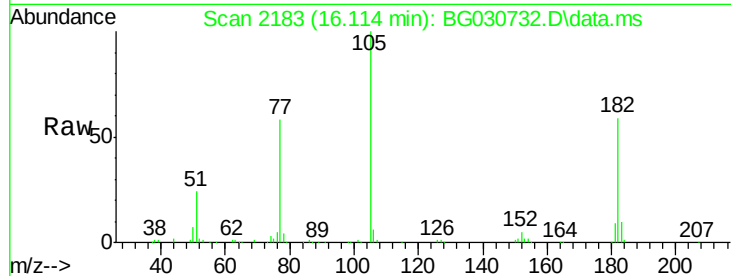
Ion Ratio Lower Upper

77 100

182 100.9 7.4 47.4#

105 172.0 0.3 40.3#

51 41.4 11.6 51.6



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.507 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG030732.D

Acq: 4 Nov 2017 12:22

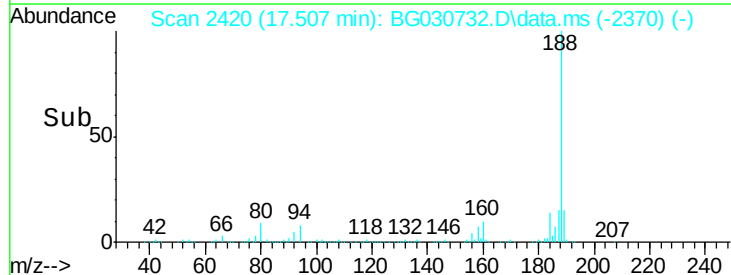
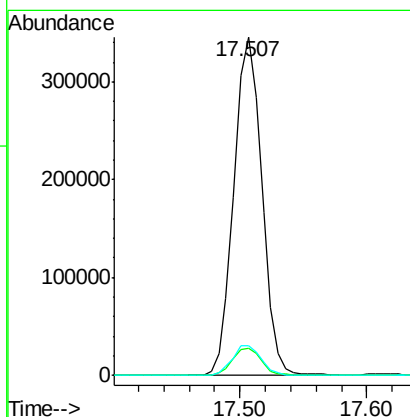
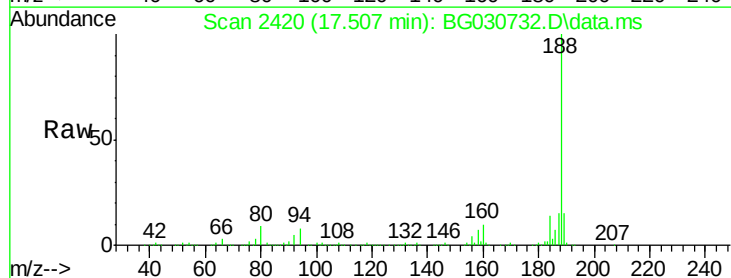
Tgt Ion: 188 Resp: 527882

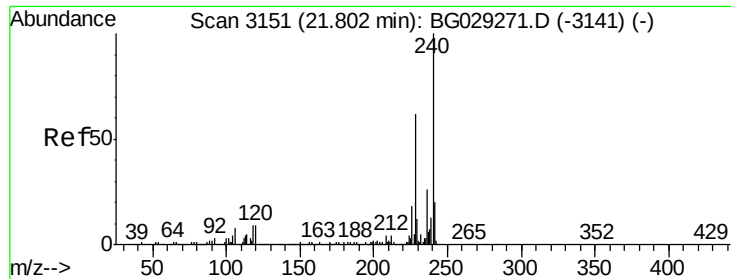
Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

80 8.7 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: BG030732.D

Acq: 4 Nov 2017 12:22

Instrument :

BNA_G

ClientSampleId :

RLF-SD-4

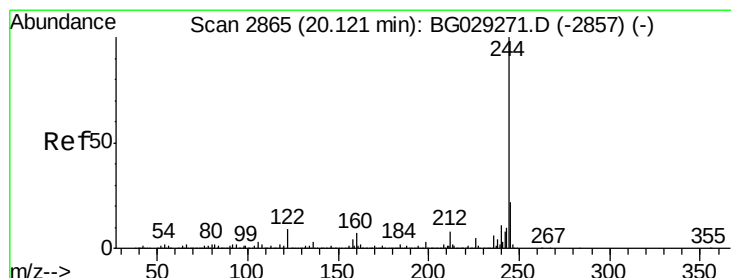
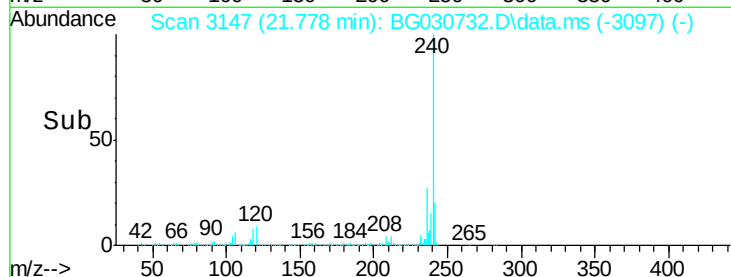
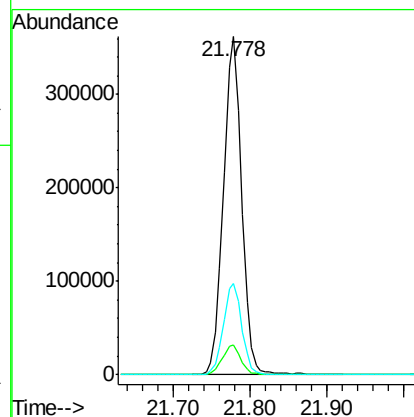
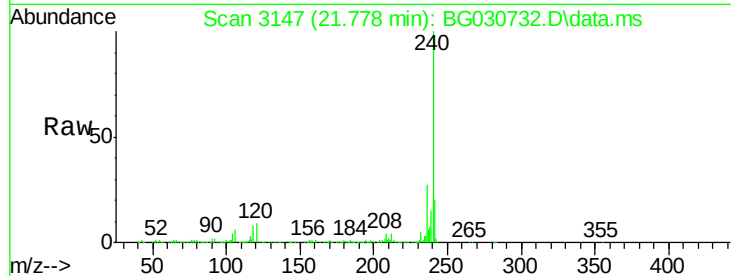
Tot Ion:240 Resp: 590446

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

236 26.8 20.9 31.3



#78

Terphenyl-d14

Concen: 71.32 ng

RT: 20.098 min Scan# 2861

Delta R.T. 0.000 min

Lab File: BG030732.D

Acq: 4 Nov 2017 12:22

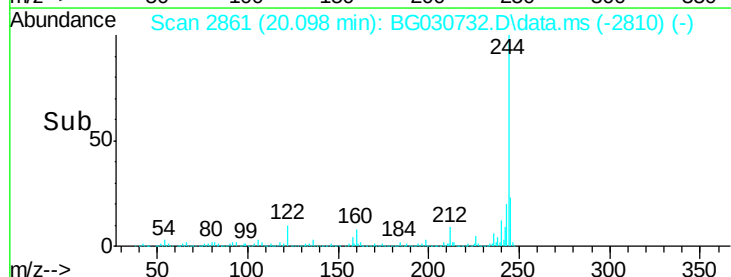
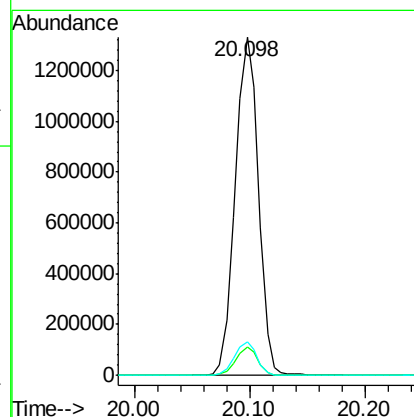
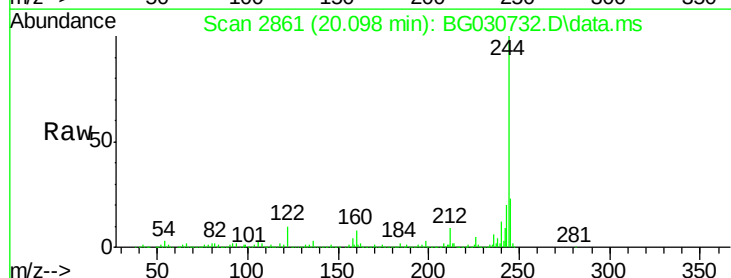
Tgt Ion:244 Resp: 1850971

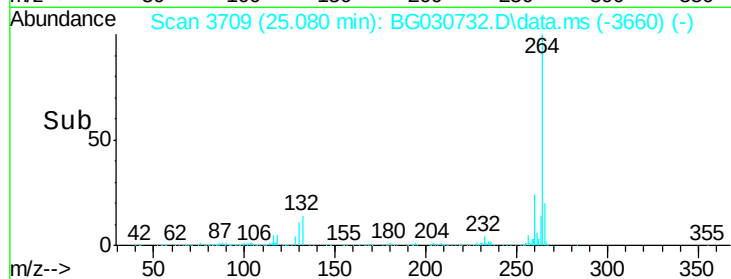
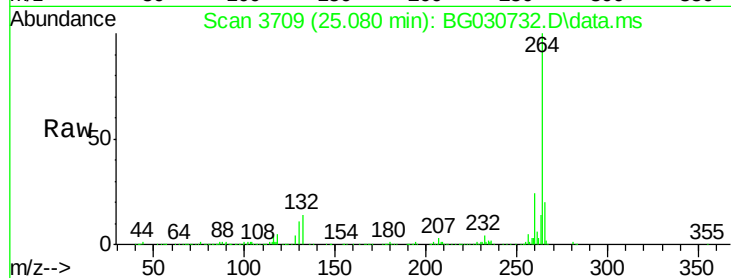
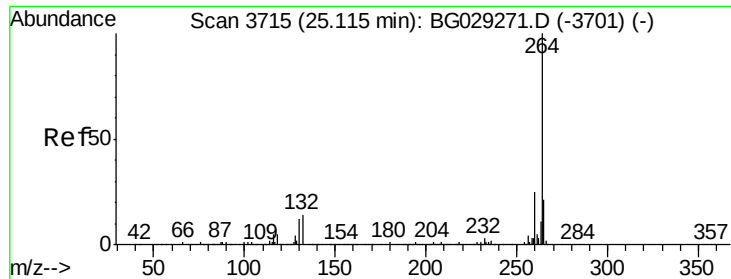
Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

122 10.0 7.0 10.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.080 min Scan# 37
Delta R.T. -0.012 min
Lab File: BG030732.D
Acq: 4 Nov 2017 12:22

Instrument :
BNA_G
ClientSampleId :
RLF-SD-4

Tot Ion:	264	Resp:	596956
Ion Ratio	Lower	Upper	
264	100		
260	23.7	17.4	26.0
265	20.5	17.7	26.5

