

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030536.D
 Acq On : 28 Oct 2017 20:41
 Operator : SJ/JU
 Sample : I6071-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:48:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

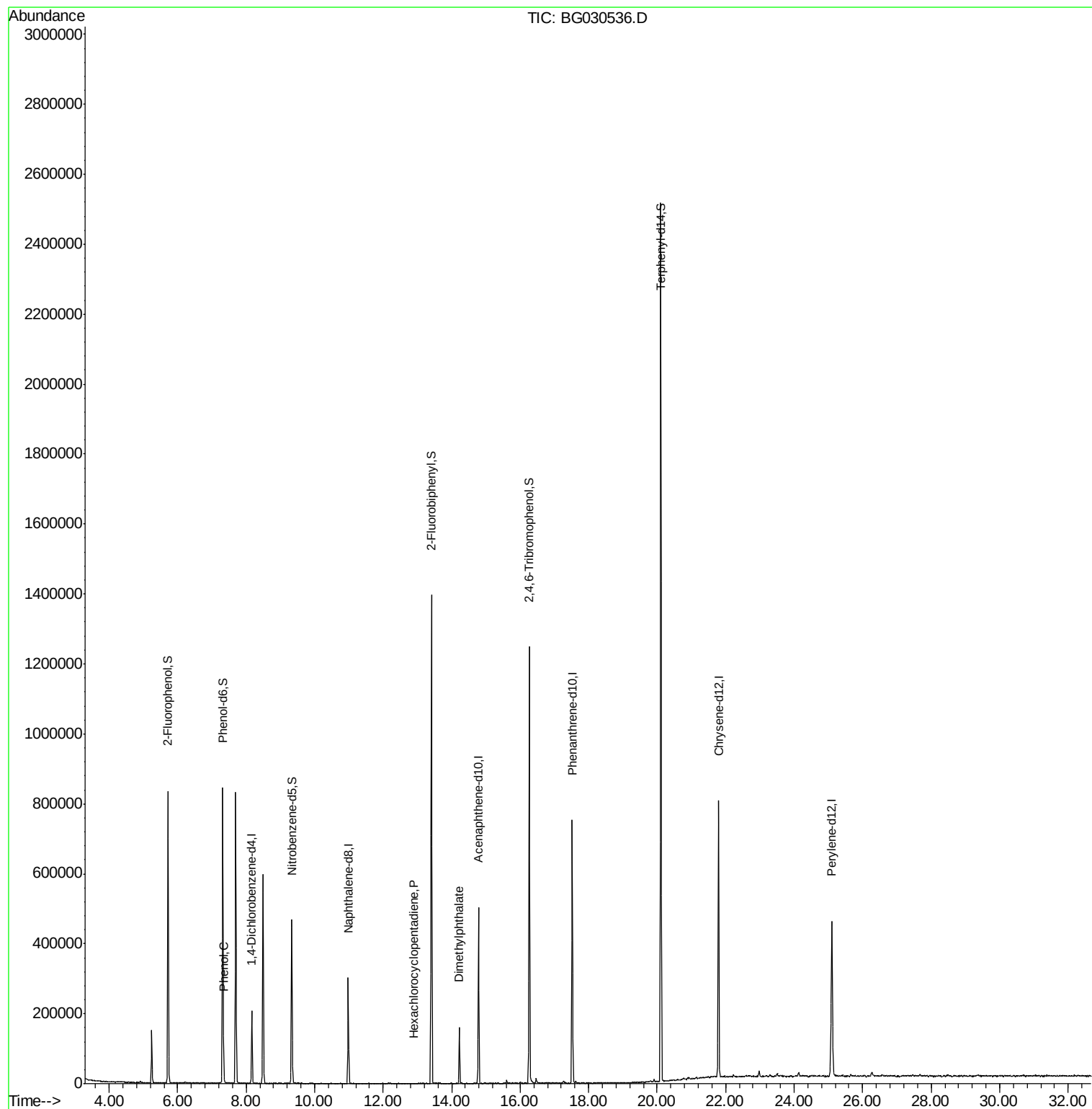
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60946	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	264242	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	174758	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	448811	20.00	ng	0.00
75) Chrysene-d12	21.79	240	478385	20.00	ng	0.00
86) Perylene-d12	25.10	264	476540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	380327	104.25	ng	0.00
7) Phenol-d6	7.32	99	503435	98.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	285050	68.55	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	259272	114.91	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	747309	62.72	ng	0.00
78) Terphenyl-d14	20.11	244	1191328	56.65	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	11553	2.093	ng	85
40) Hexachlorocyclopentadiene	12.91	237	62	4.684	ng	# 22
49) Dimethylphthalate	14.22	163	113937	8.356	ng	100

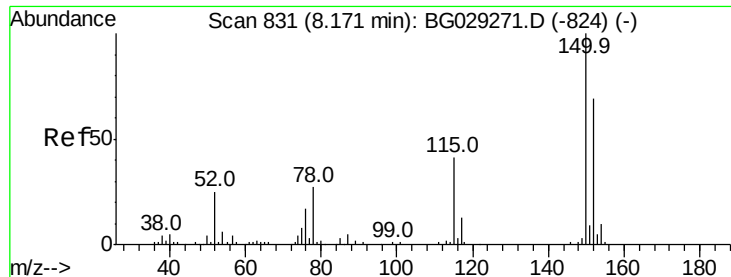
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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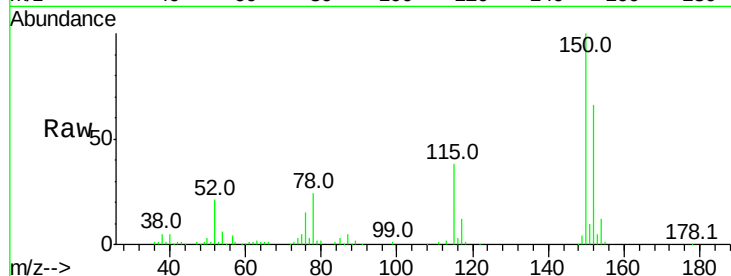


#1

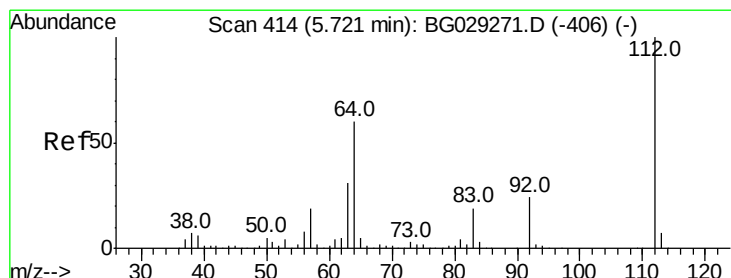
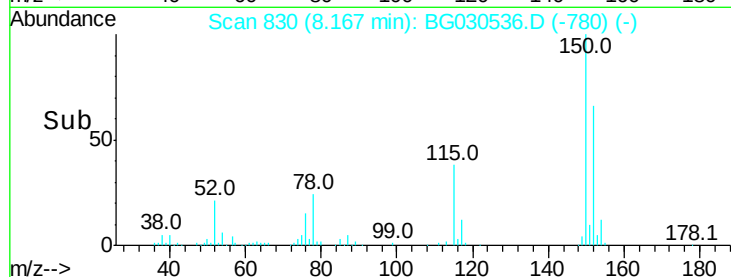
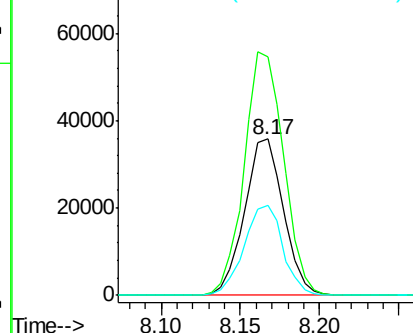
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030536.D
Acq: 28 Oct 2017 20:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60946
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 57.4 53.0 79.4



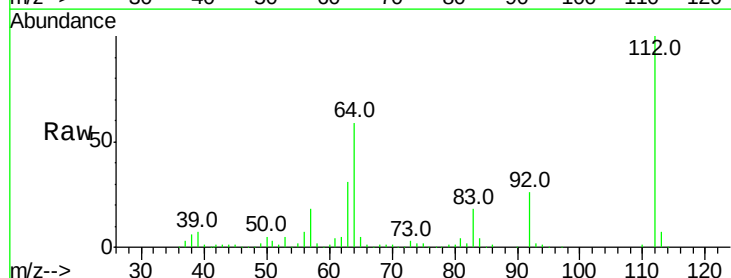
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



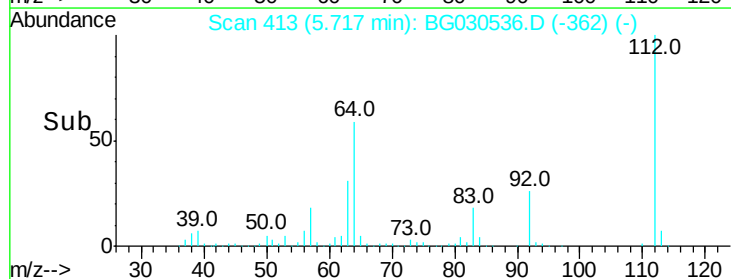
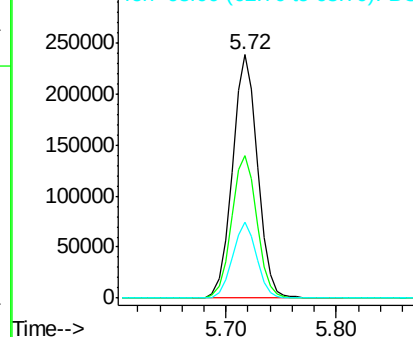
#5

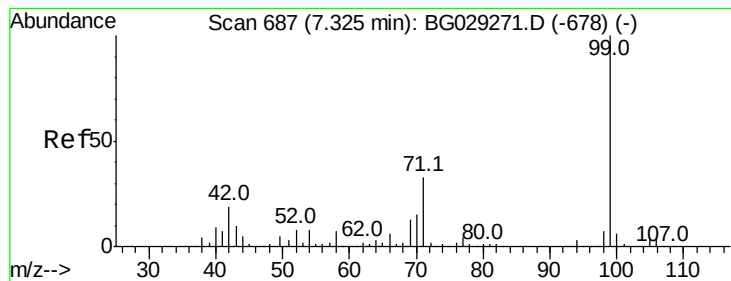
2-Fluorophenol
Concen: 104.249 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030536.D
Acq: 28 Oct 2017 20:41

Tgt Ion:112 Resp: 380327
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 31.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 98.310 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030536.D

Acq: 28 Oct 2017 20:41

Instrument :

BNA_G

ClientSampleId :

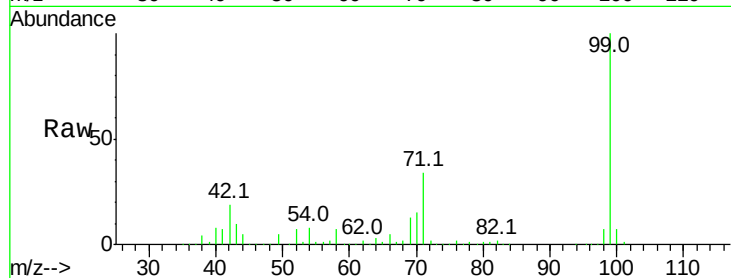
Tot Ion: 99 Resp: 503435

Ion Ratio Lower Upper

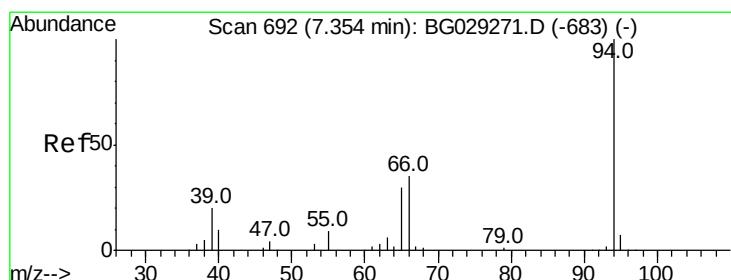
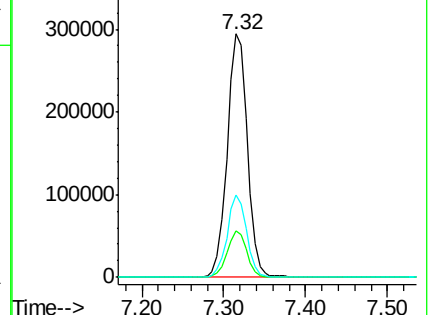
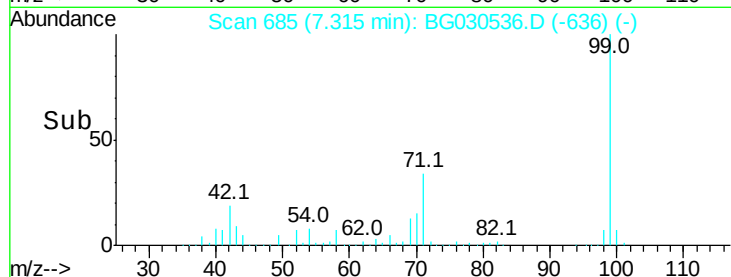
99 100

42 19.2 14.1 21.1

71 33.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.093 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030536.D

Acq: 28 Oct 2017 20:41

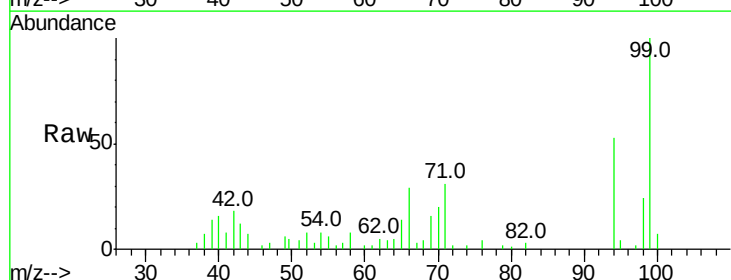
Tgt Ion: 94 Resp: 11553

Ion Ratio Lower Upper

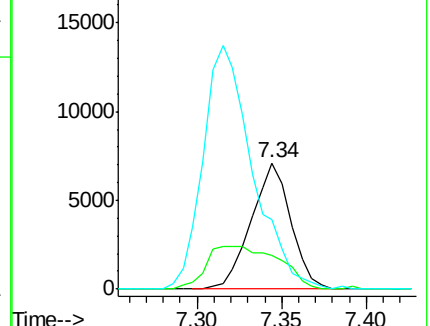
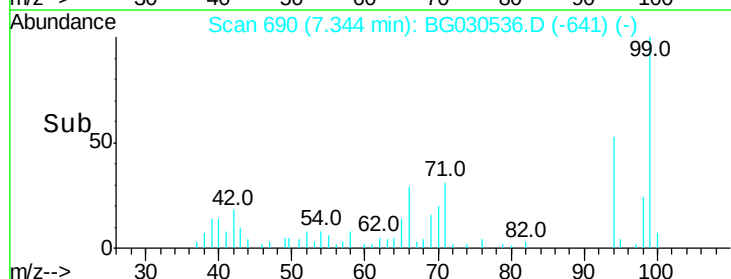
94 100

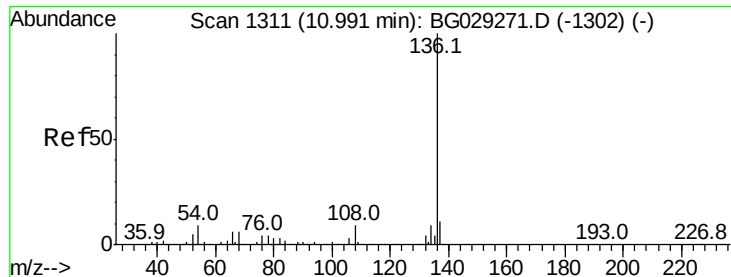
65 26.9 11.9 51.9

66 54.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

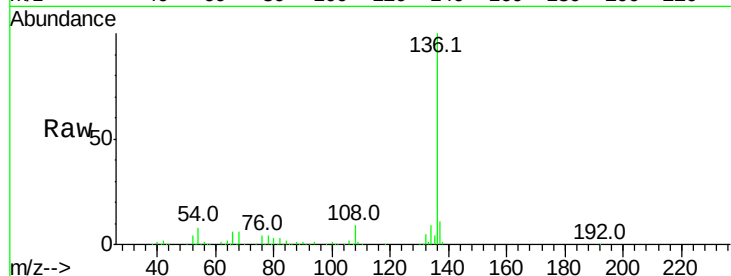




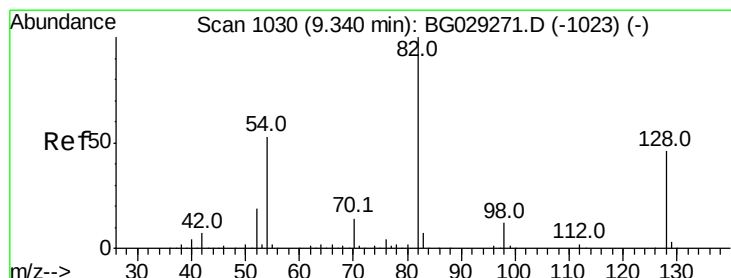
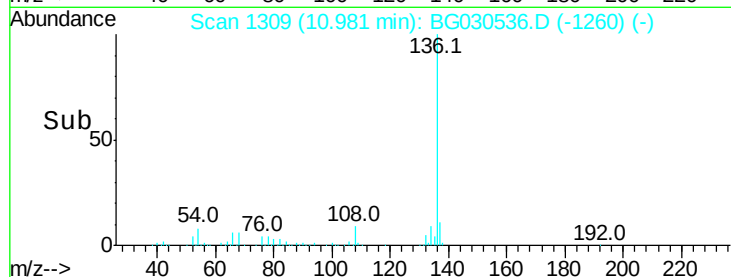
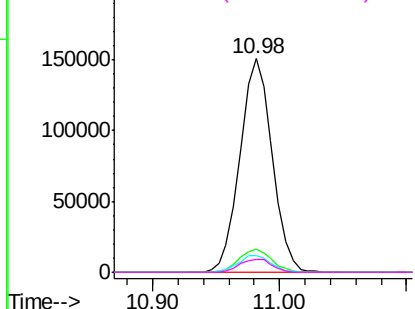
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030536.D
Acq: 28 Oct 2017 20:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	264242
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	8.4	10.3 15.5#
68	5.8	4.5 6.7

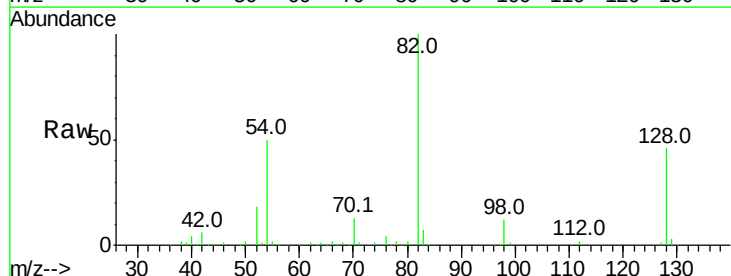


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

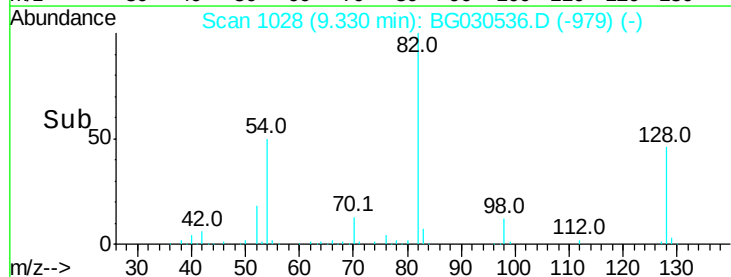
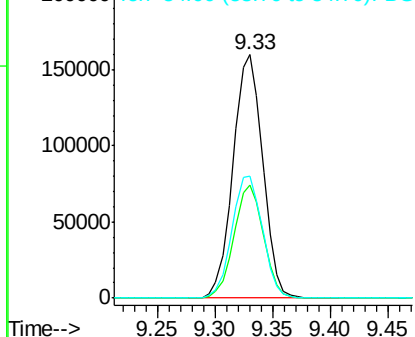


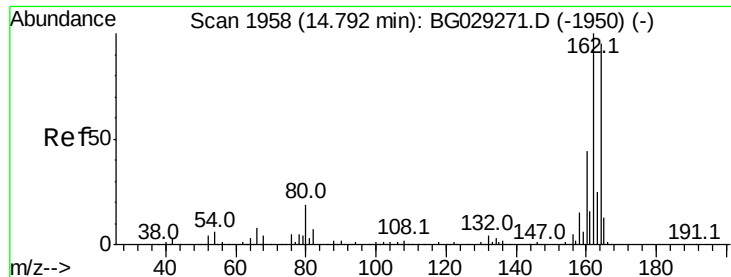
#23
Nitrobenzene-d5
Concen: 68.551 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030536.D
Acq: 28 Oct 2017 20:41

Tgt Ion: 82	Resp:	285050
Ion Ratio	Lower	Upper
82	100	
128	46.4	29.7 44.5#
54	50.2	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030536.D

Acq: 28 Oct 2017 20:41

Instrument :

BNA_G

ClientSampleId :

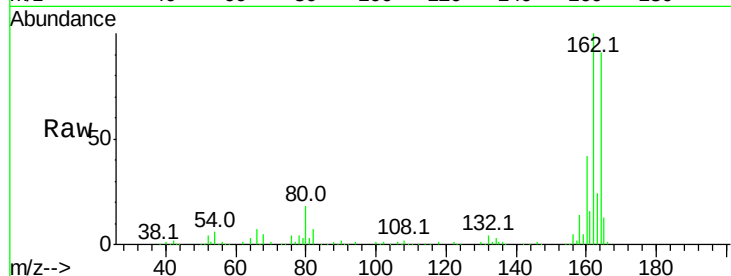
Tot Ion:164 Resp: 174758

Ion Ratio Lower Upper

164 100

162 109.3 78.8 118.2

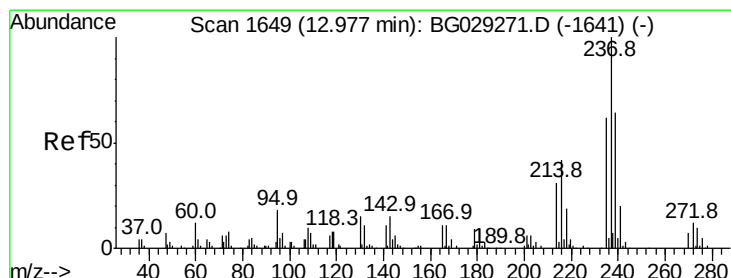
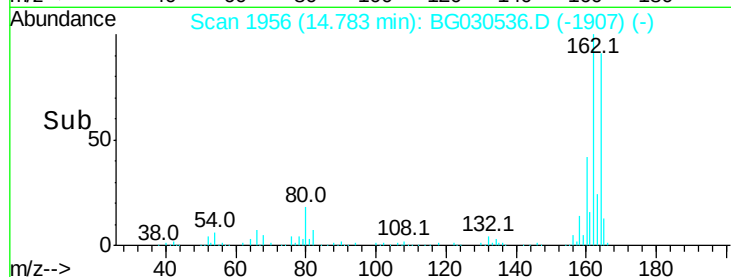
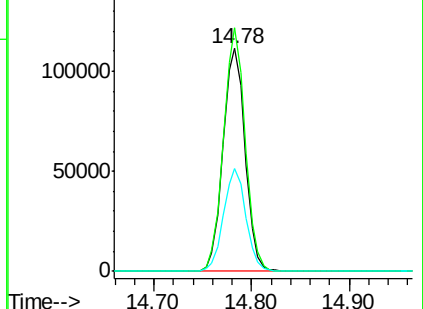
160 46.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 4.684 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.07 min

Lab File: BG030536.D

Acq: 28 Oct 2017 20:41

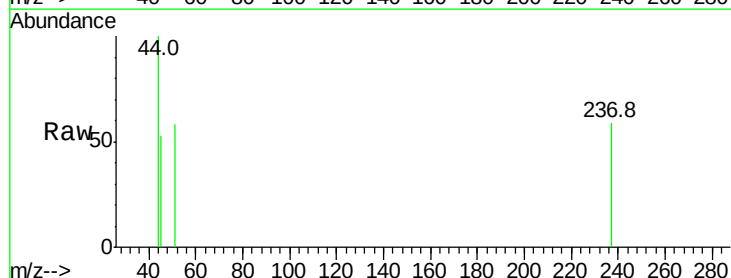
Tgt Ion:237 Resp: 62

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

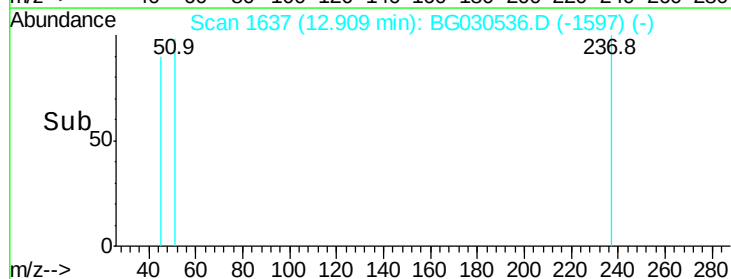
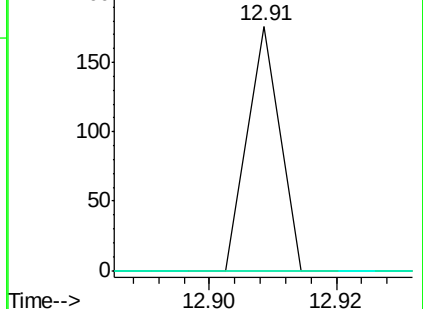
272 0.0 0.0 31.8

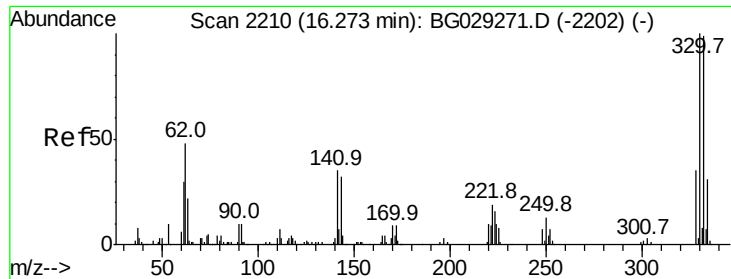


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

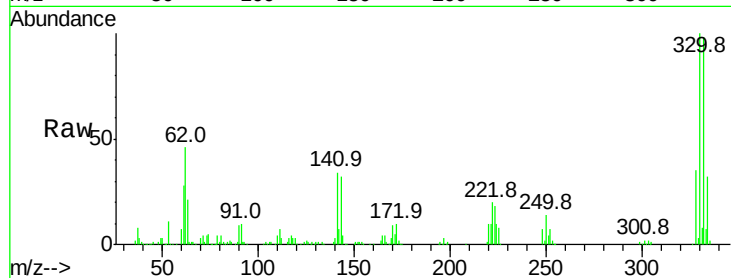




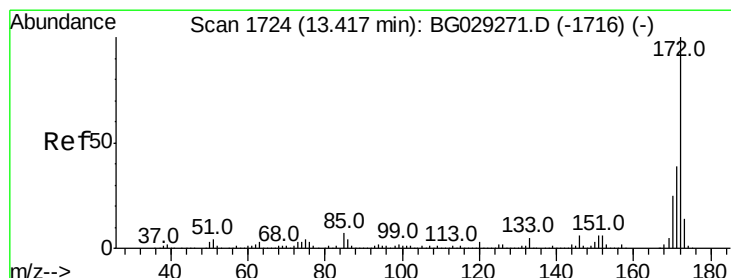
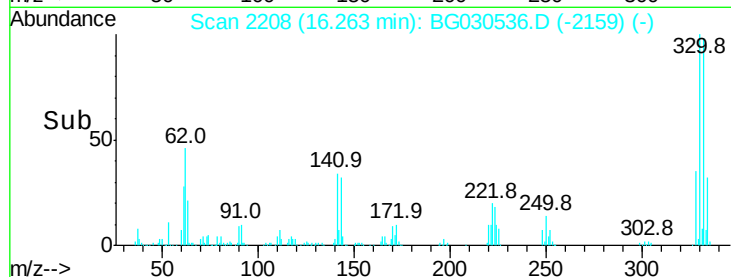
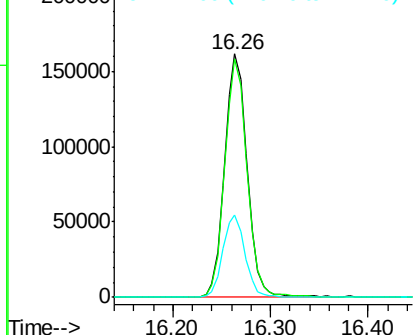
#41
 2,4,6-Tribromophenol
 Concen: 114.910 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030536.D
 Acq: 28 Oct 2017 20:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 259272
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.2 25.2 37.8

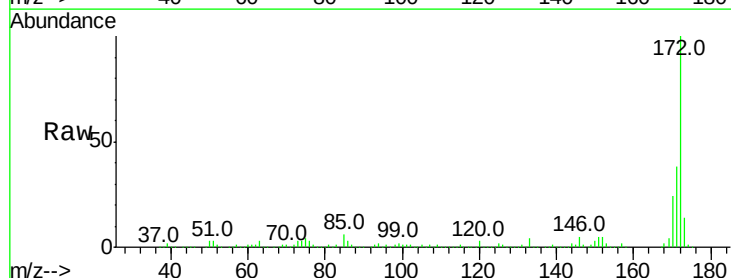


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

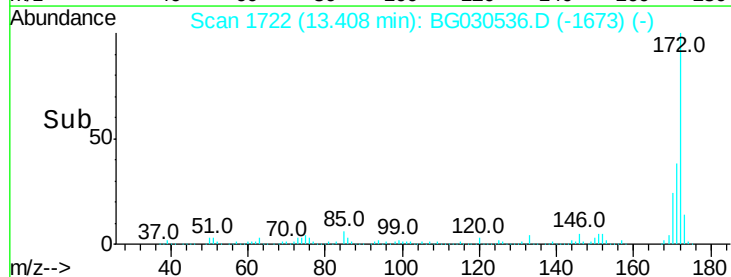
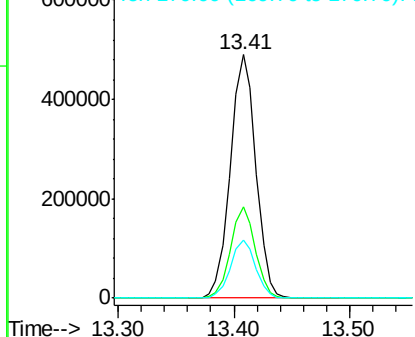


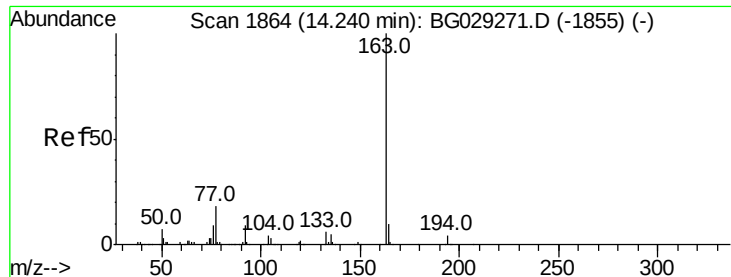
#44
 2-Fluorobiphenyl
 Concen: 62.718 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030536.D
 Acq: 28 Oct 2017 20:41

Tgt Ion:172 Resp: 747309
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 23.7 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

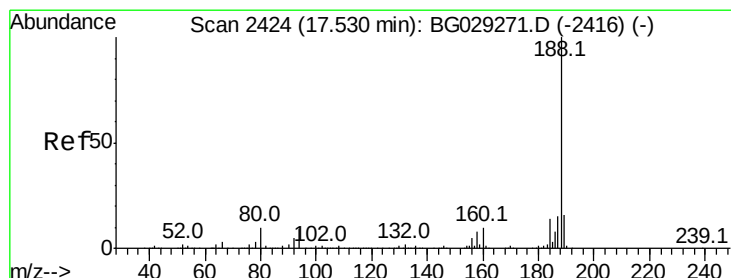
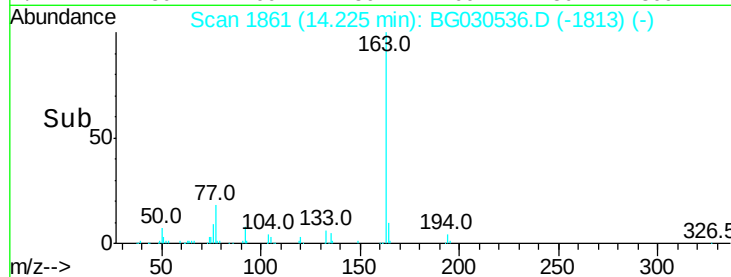
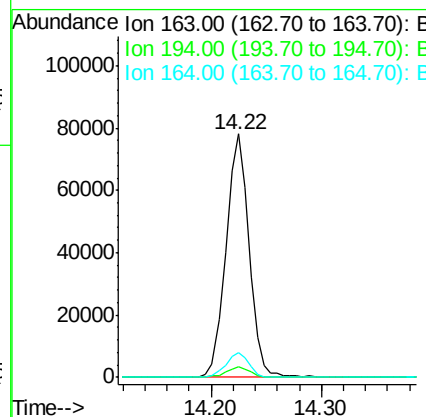
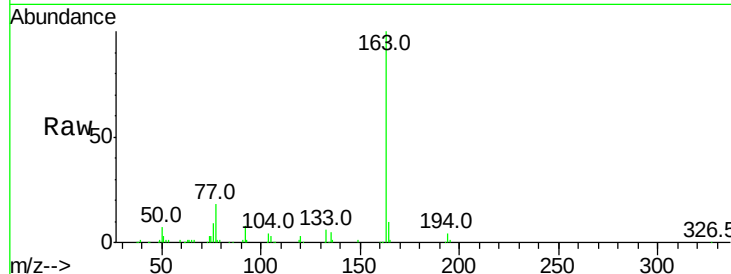




#49
Dimethylphthalate
Concen: 8.356 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG030536.D
Acq: 28 Oct 2017 20:41

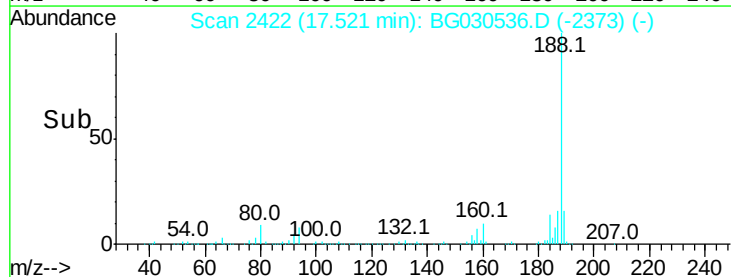
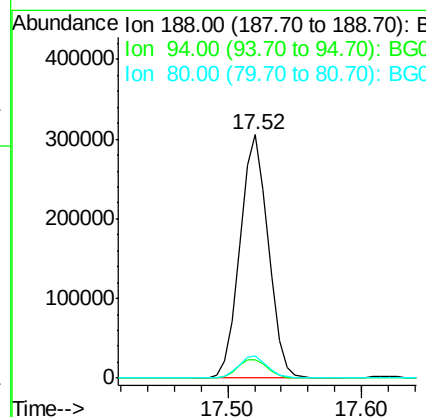
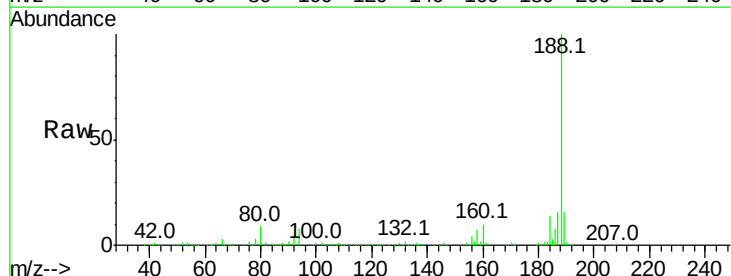
Instrument :
BNA_G
ClientSampleId :

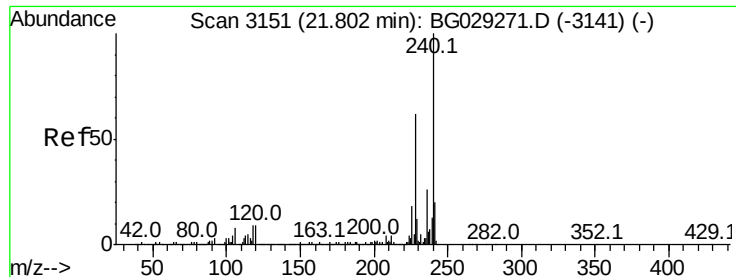
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030536.D
Acq: 28 Oct 2017 20:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.1	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030536.D

Acq: 28 Oct 2017 20:41

Instrument :

BNA_G

ClientSampleId :

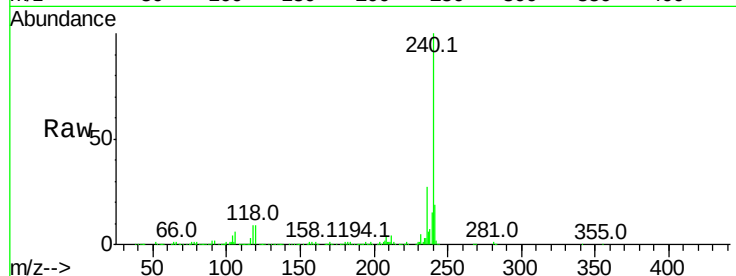
Tot Ion:240 Resp: 478385

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

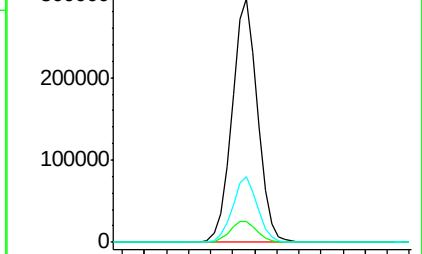
236 27.2 20.9 31.3



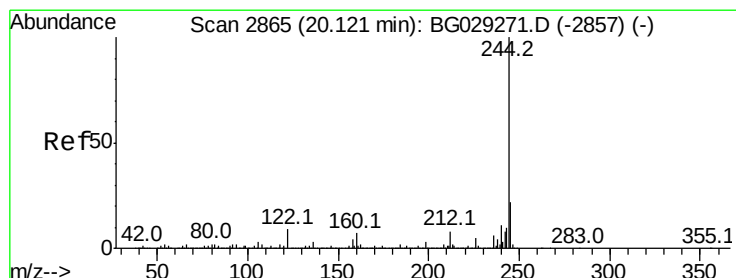
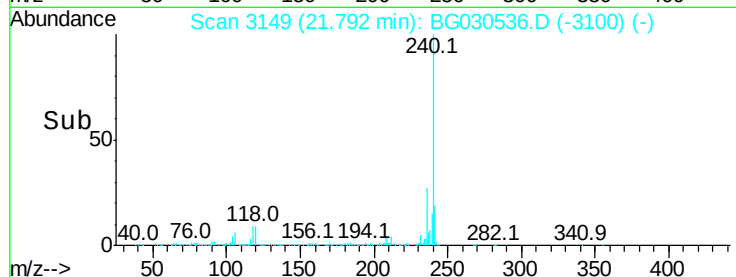
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 56.653 ng

RT: 20.11 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030536.D

Acq: 28 Oct 2017 20:41

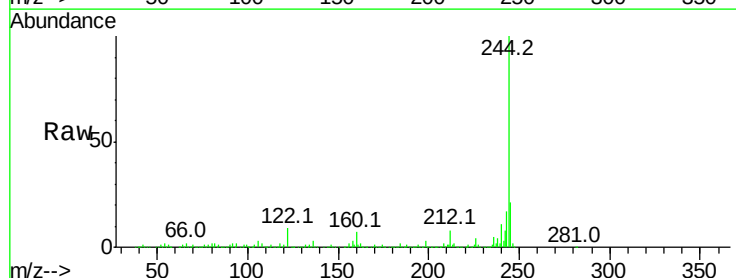
Tgt Ion:244 Resp: 1191328

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

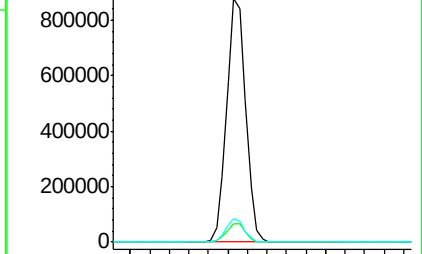
122 9.5 7.0 10.4



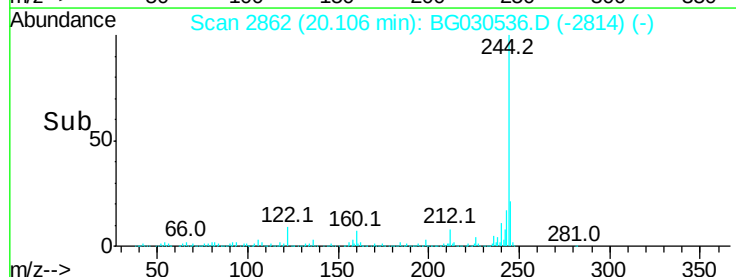
Abundance Ion 244.00 (243.70 to 244.70): E

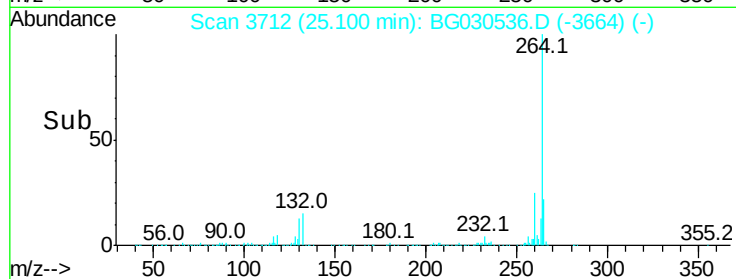
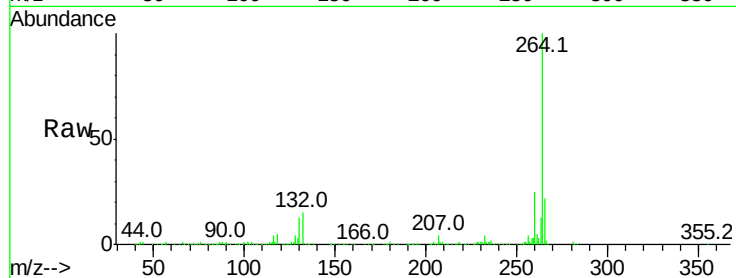
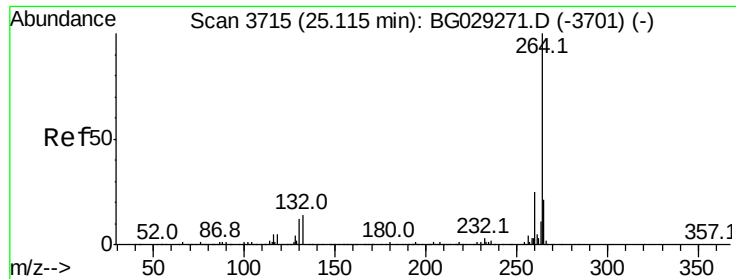
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG030536.D
Acq: 28 Oct 2017 20:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.3	17.7	26.5

