

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030565.D
 Acq On : 29 Oct 2017 17:22
 Operator : SJ/JU
 Sample : I6171-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-E

Quant Time: Oct 30 08:24:22 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

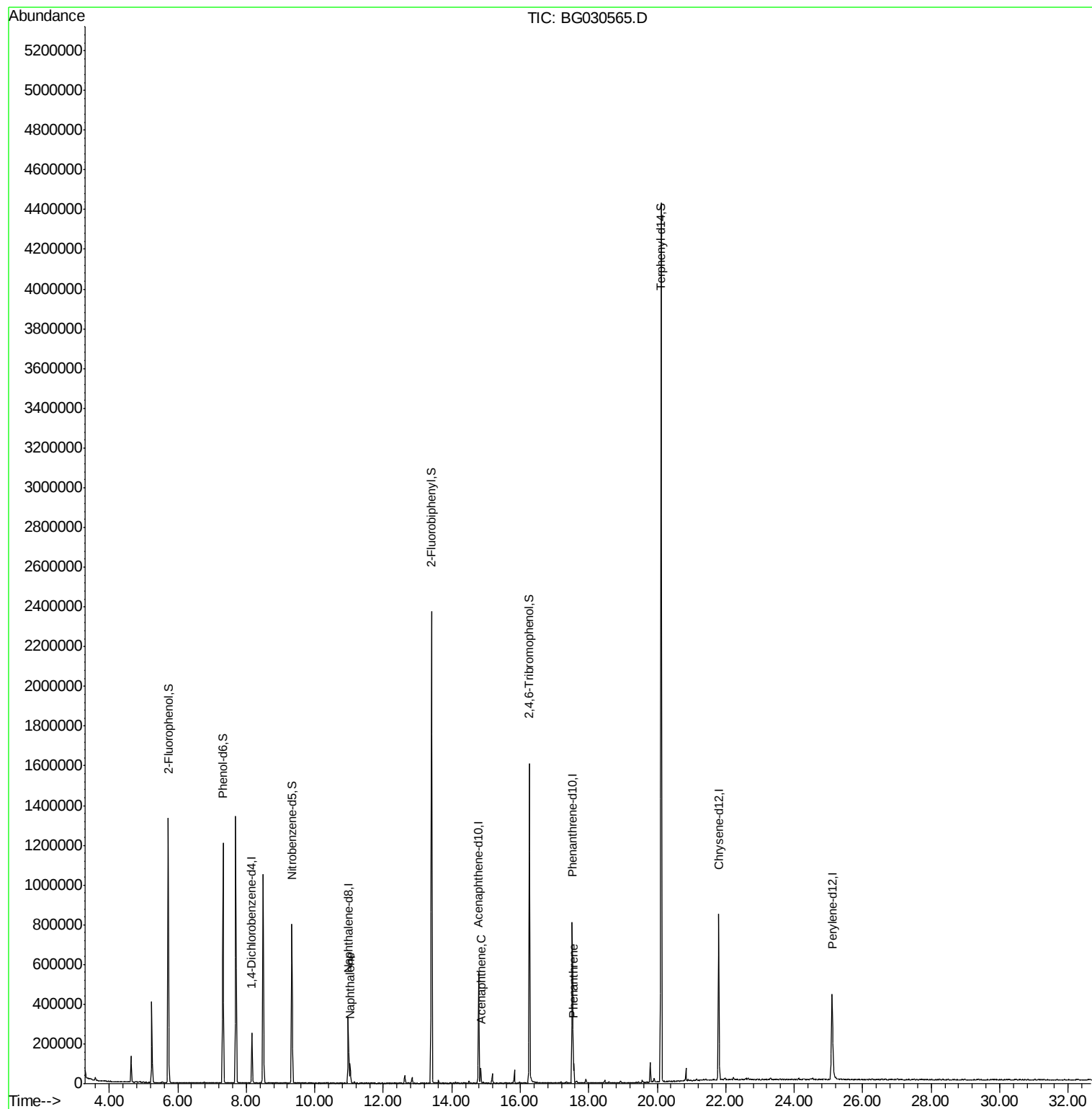
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71957	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	303485	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	200118	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	508663	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	546920	20.00	ng	-0.01
86) Perylene-d12	25.11	264	529826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	601842	139.72	ng	0.00
7) Phenol-d6	7.32	99	729527	120.66	ng	0.00
23) Nitrobenzene-d5	9.33	82	498270	104.33	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	349837	135.40	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1301729	95.40	ng	0.00
78) Terphenyl-d14	20.12	244	2119472	88.16	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	84010	5.554	ng	97
51) Acenaphthene	14.84	154	28980	2.268	ng	94
70) Phenanthrene	17.57	178	62875	2.393	ng	99

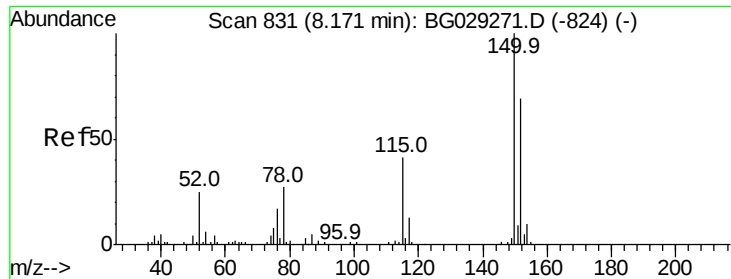
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG030565.D

Acq: 29 Oct 2017 17:22

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-E

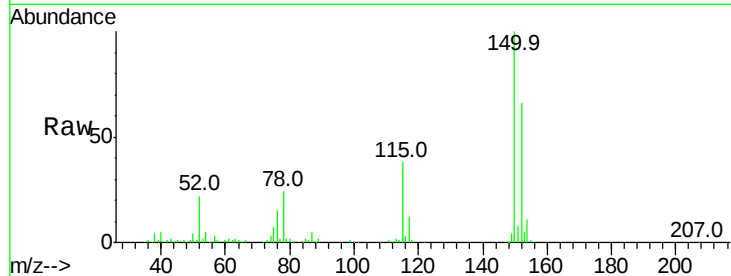
Tot Ion:152 Resp: 71957

Ion Ratio Lower Upper

152 100

150 152.1 126.6 189.8

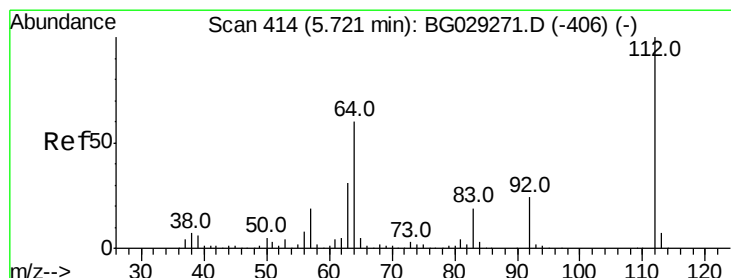
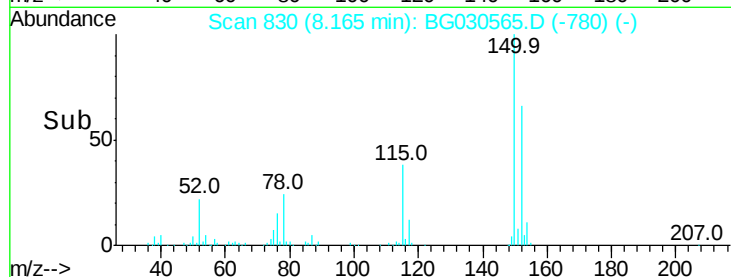
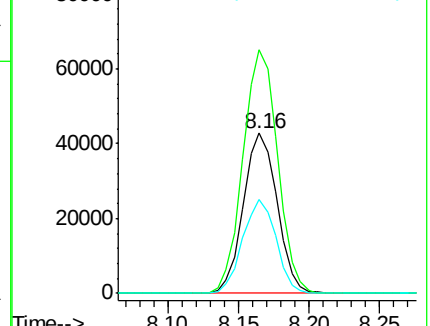
115 58.4 53.0 79.4



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: 139.724 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030565.D

Acq: 29 Oct 2017 17:22

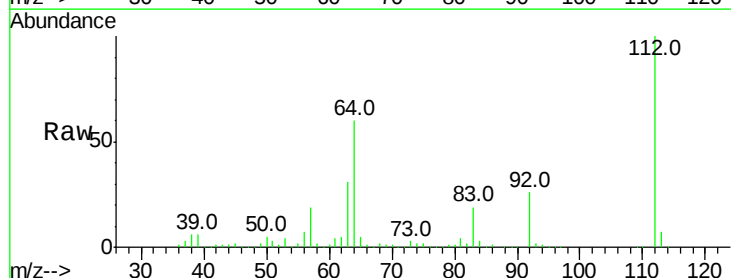
Tgt Ion:112 Resp: 601842

Ion Ratio Lower Upper

112 100

64 60.0 56.3 84.5

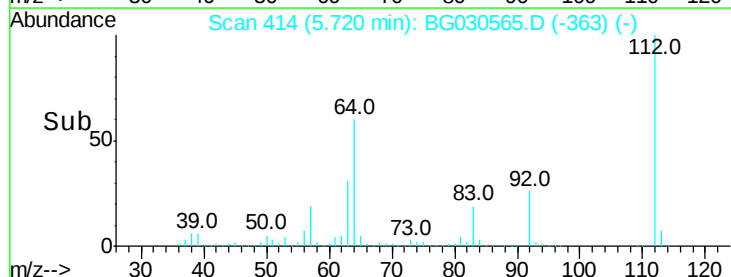
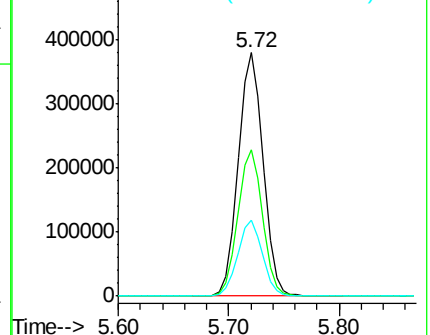
63 31.0 30.1 45.1

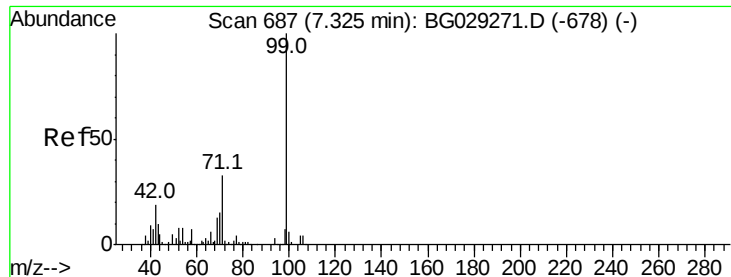


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.661 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030565.D

Acq: 29 Oct 2017 17:22

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-E

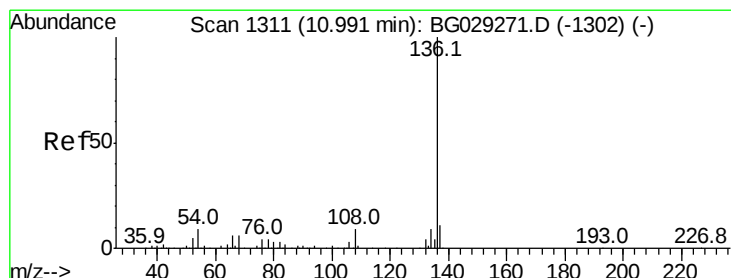
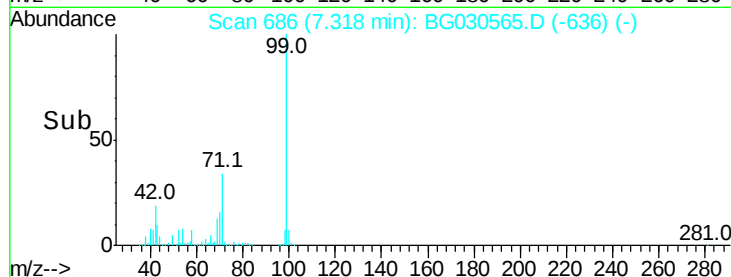
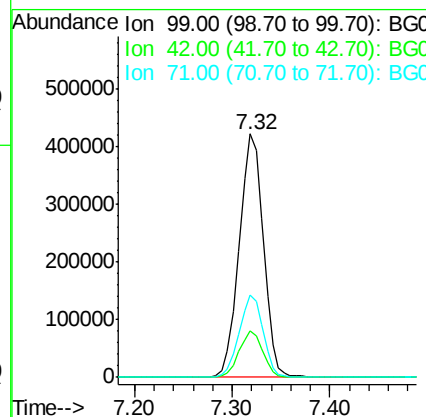
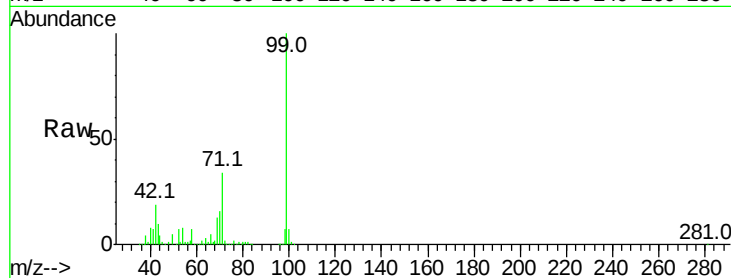
Tot Ion: 99 Resp: 729527

Ion Ratio Lower Upper

99 100

42 19.2 14.1 21.1

71 33.7 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030565.D

Acq: 29 Oct 2017 17:22

Tgt Ion: 136 Resp: 303485

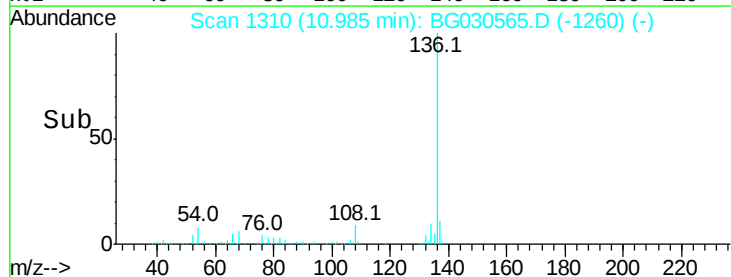
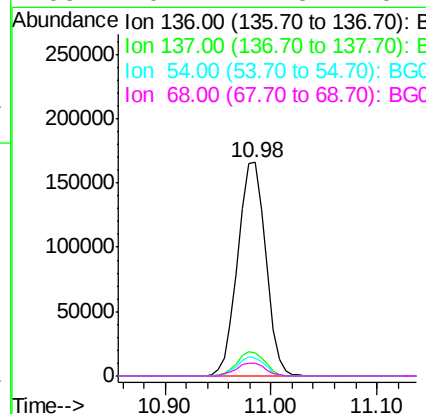
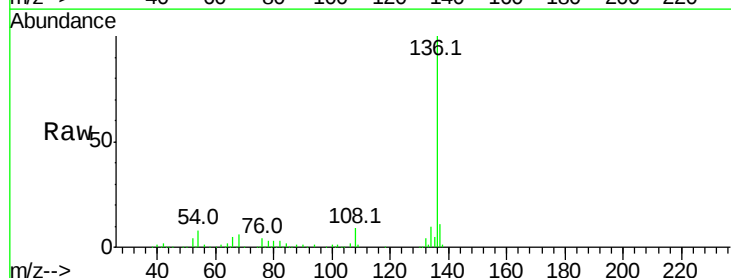
Ion Ratio Lower Upper

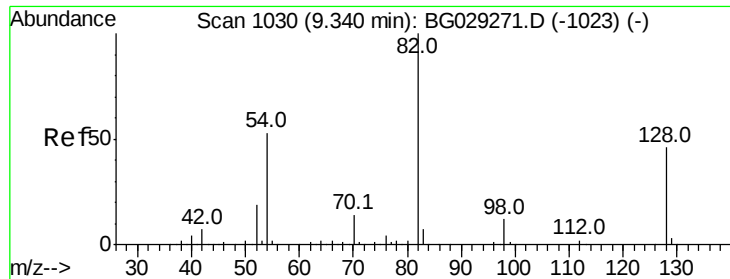
136 100

137 11.1 9.2 13.8

54 8.5 10.3 15.5#

68 6.1 4.5 6.7

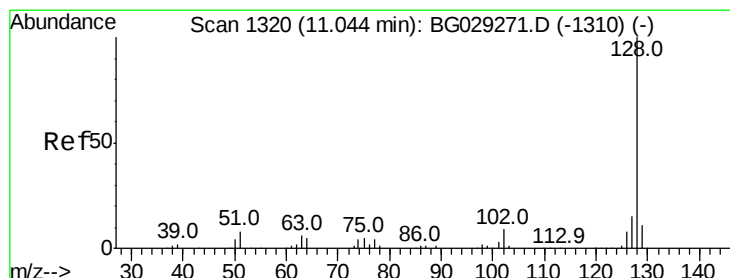
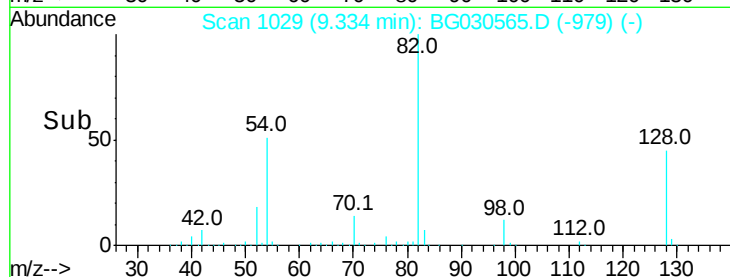
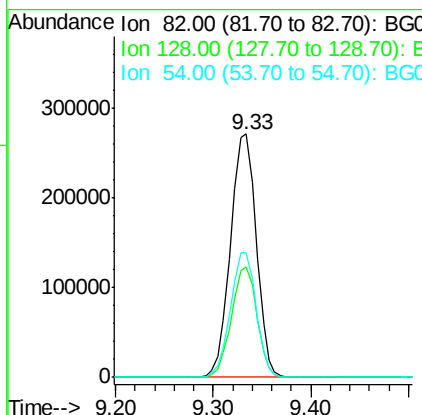
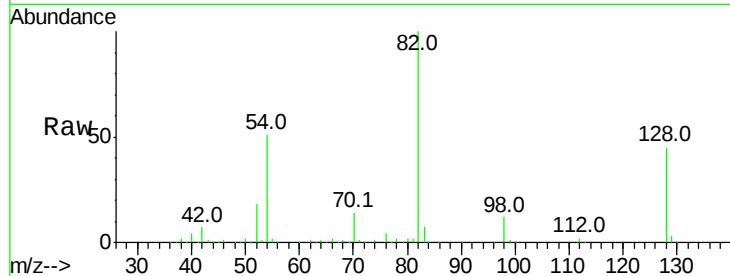




#23
 Nitrobenzene-d5
 Concen: 104.334 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

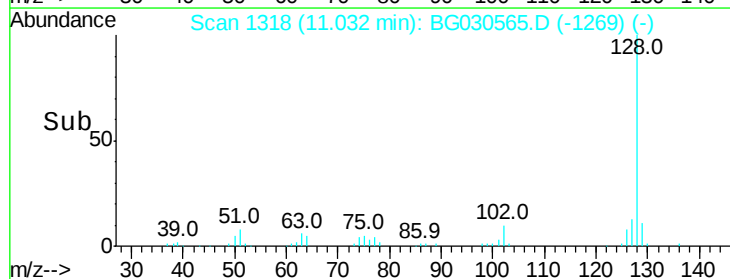
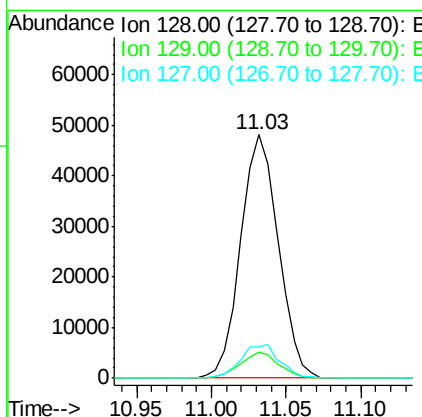
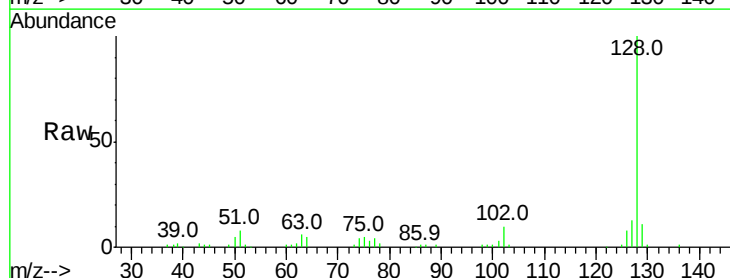
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-E

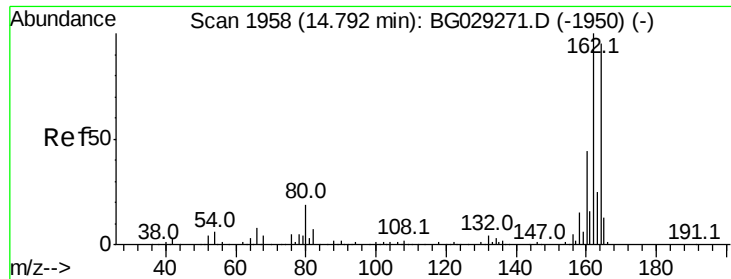
Tot Ion: 82 Resp: 498270
 Ion Ratio Lower Upper
 82 100
 128 45.3 29.7 44.5#
 54 51.1 43.1 64.7



#31
 Naphthalene
 Concen: 5.554 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

Tgt Ion: 128 Resp: 84010
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 12.8
 127 12.6 11.6 17.4

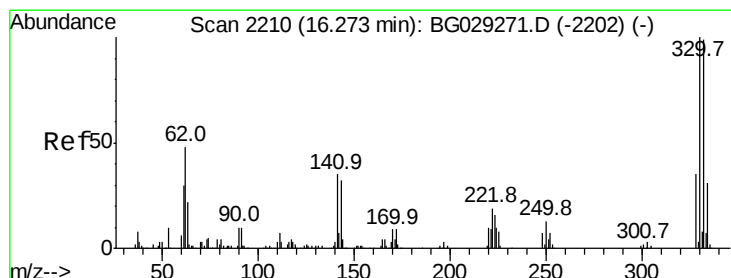
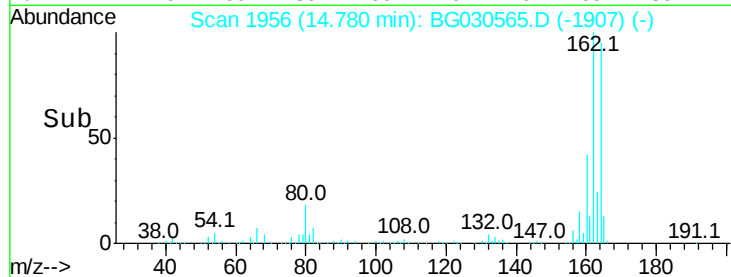
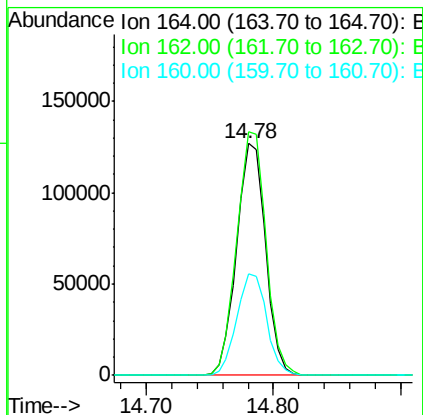
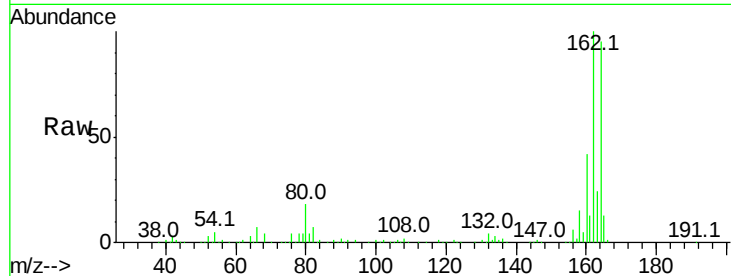




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

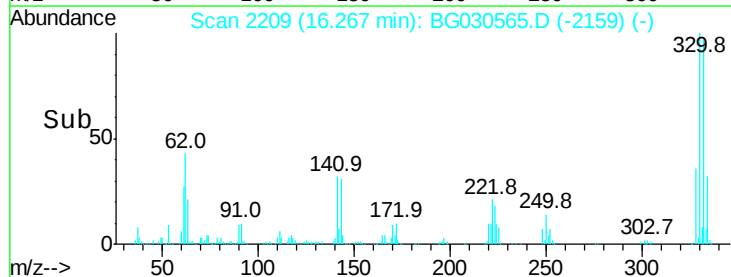
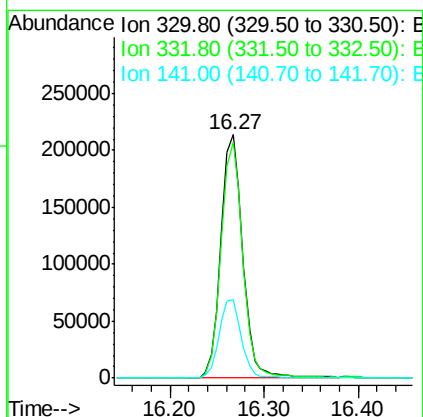
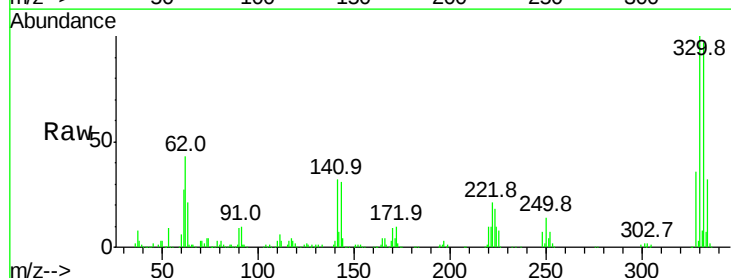
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-E

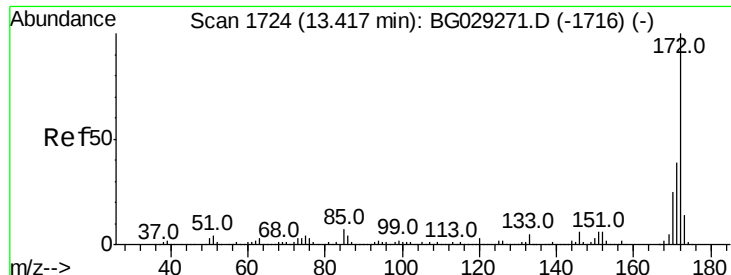
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	43.7	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 135.400 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.3	25.2	37.8

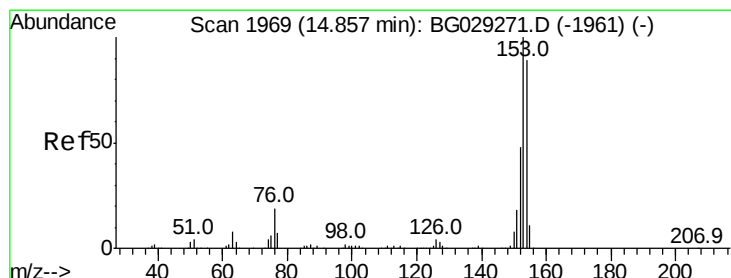
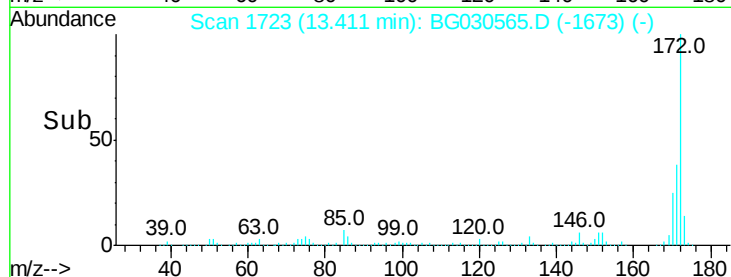
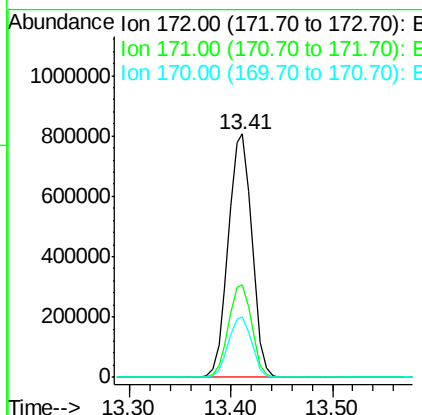
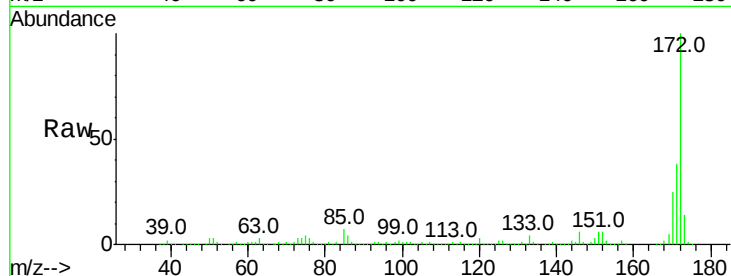




#44
 2-Fluorobiphenyl
 Concen: 95.403 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

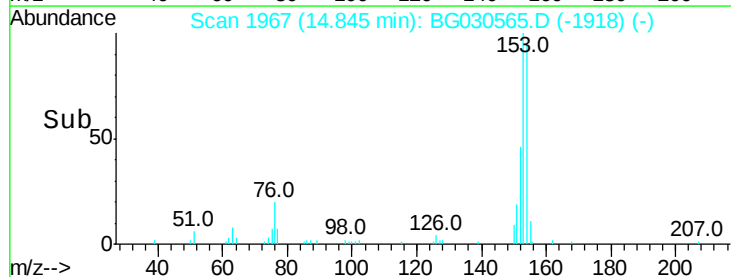
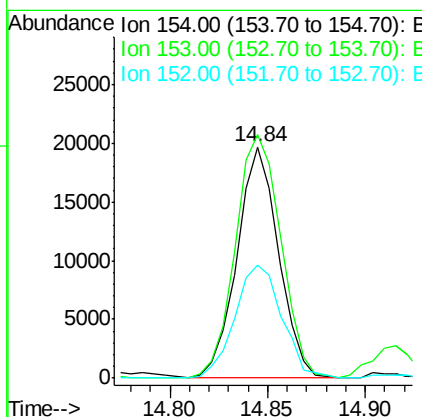
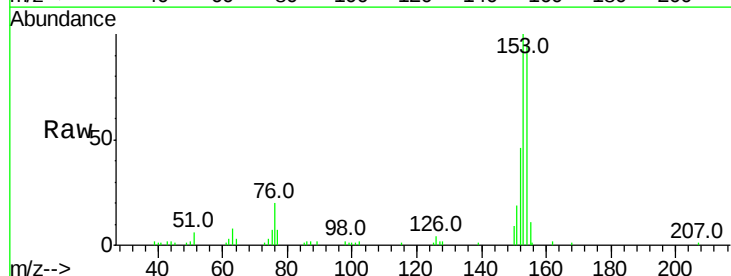
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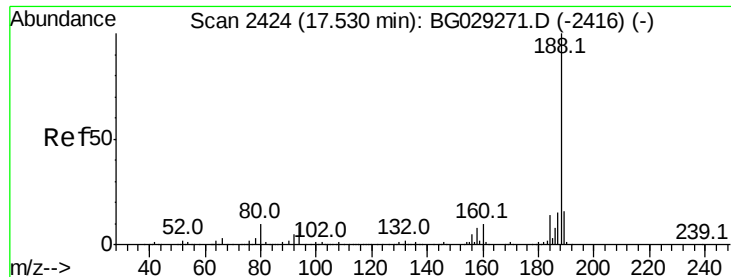
Tot Ion:172 Resp: 1301729
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.6 19.5 29.3



#51
 Acenaphthene
 Concen: 2.268 ng
 RT: 14.84 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

Tgt Ion:154 Resp: 28980
 Ion Ratio Lower Upper
 154 100
 153 105.5 90.4 135.6
 152 49.0 41.6 62.4

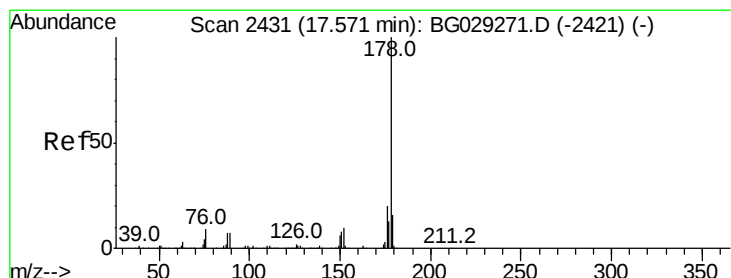
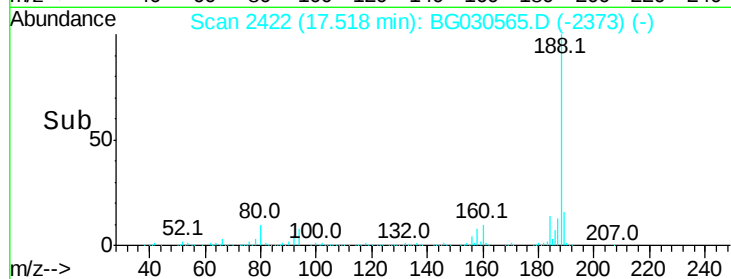
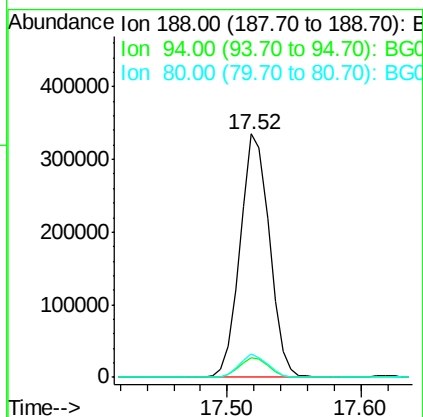
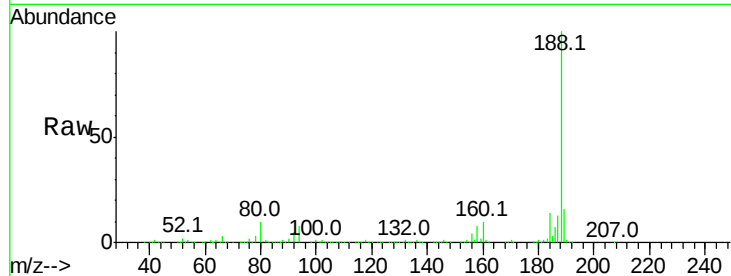




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

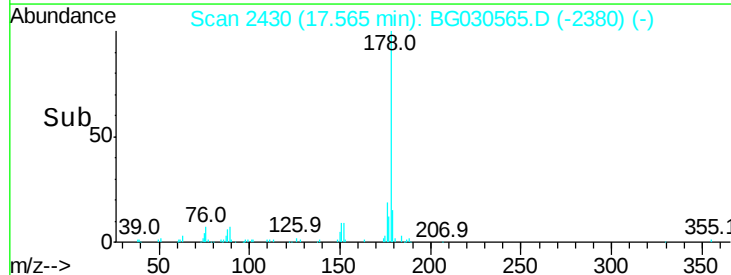
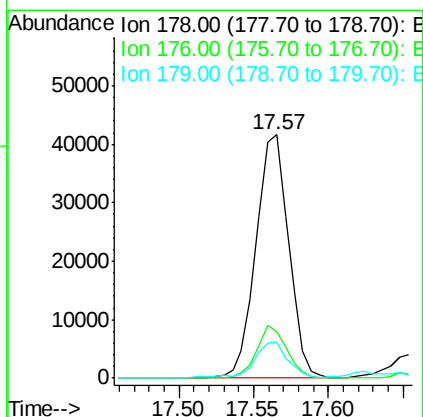
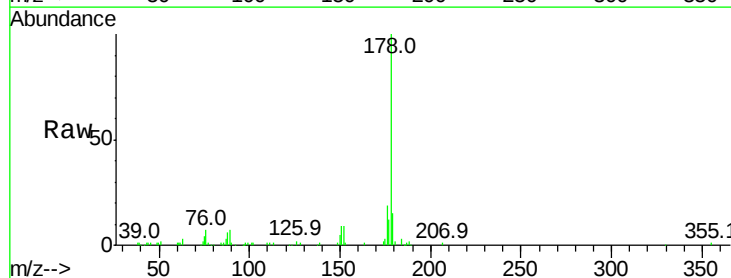
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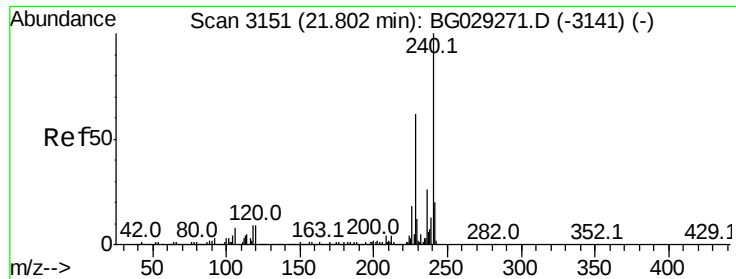
Tot Ion:188 Resp: 508663
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.5 7.7 11.5



#70
 Phenanthrene
 Concen: 2.393 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

Tgt Ion:178 Resp: 62875
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 14.8 12.5 18.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030565.D

Acq: 29 Oct 2017 17:22

Instrument :

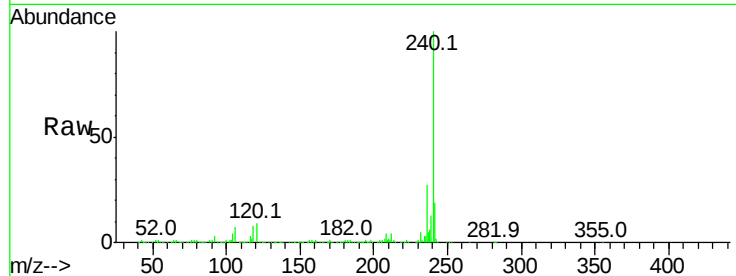
BNA_G

ClientSampleId :

CL-01-102617-E

Tot Ion:240 Resp: 546920

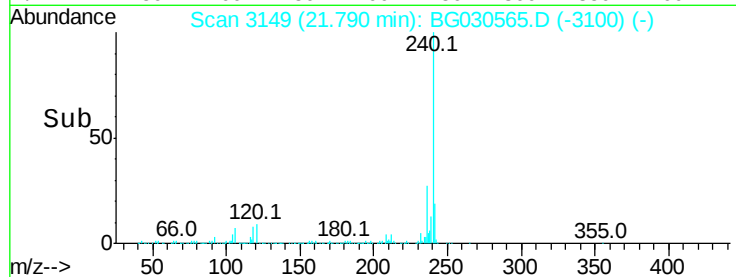
Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	26.9	20.9	31.3



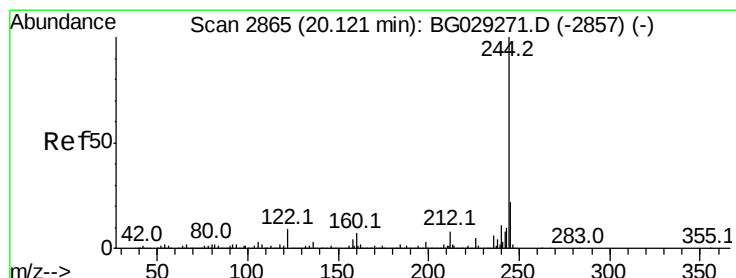
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 88.160 ng

RT: 20.12 min Scan# 2864

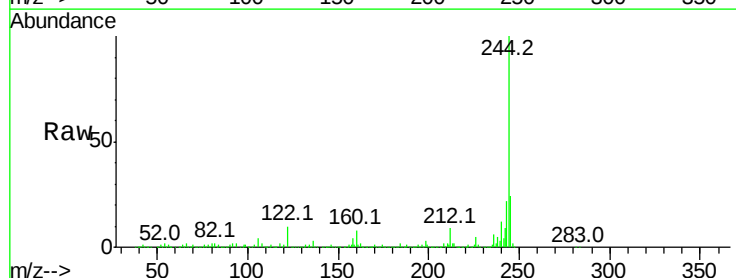
Delta R.T. -0.01 min

Lab File: BG030565.D

Acq: 29 Oct 2017 17:22

Tgt Ion:244 Resp: 2119472

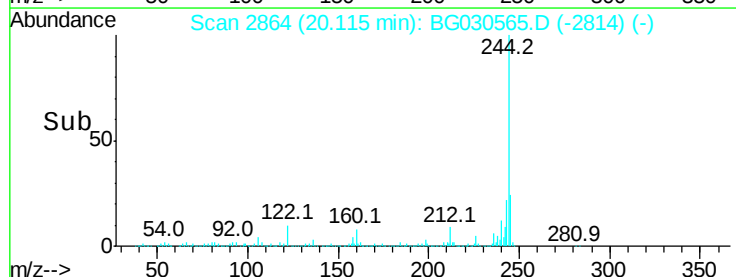
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.9	7.0	10.4



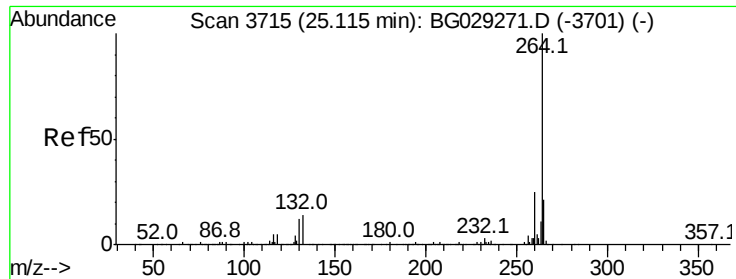
Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030565.D
 Acq: 29 Oct 2017 17:22

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.5	17.7	26.5

