

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029302.D
 Acq On : 17 Oct 2017 15:35
 Operator : SJ/JU
 Sample : I5794-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 00:51:34 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

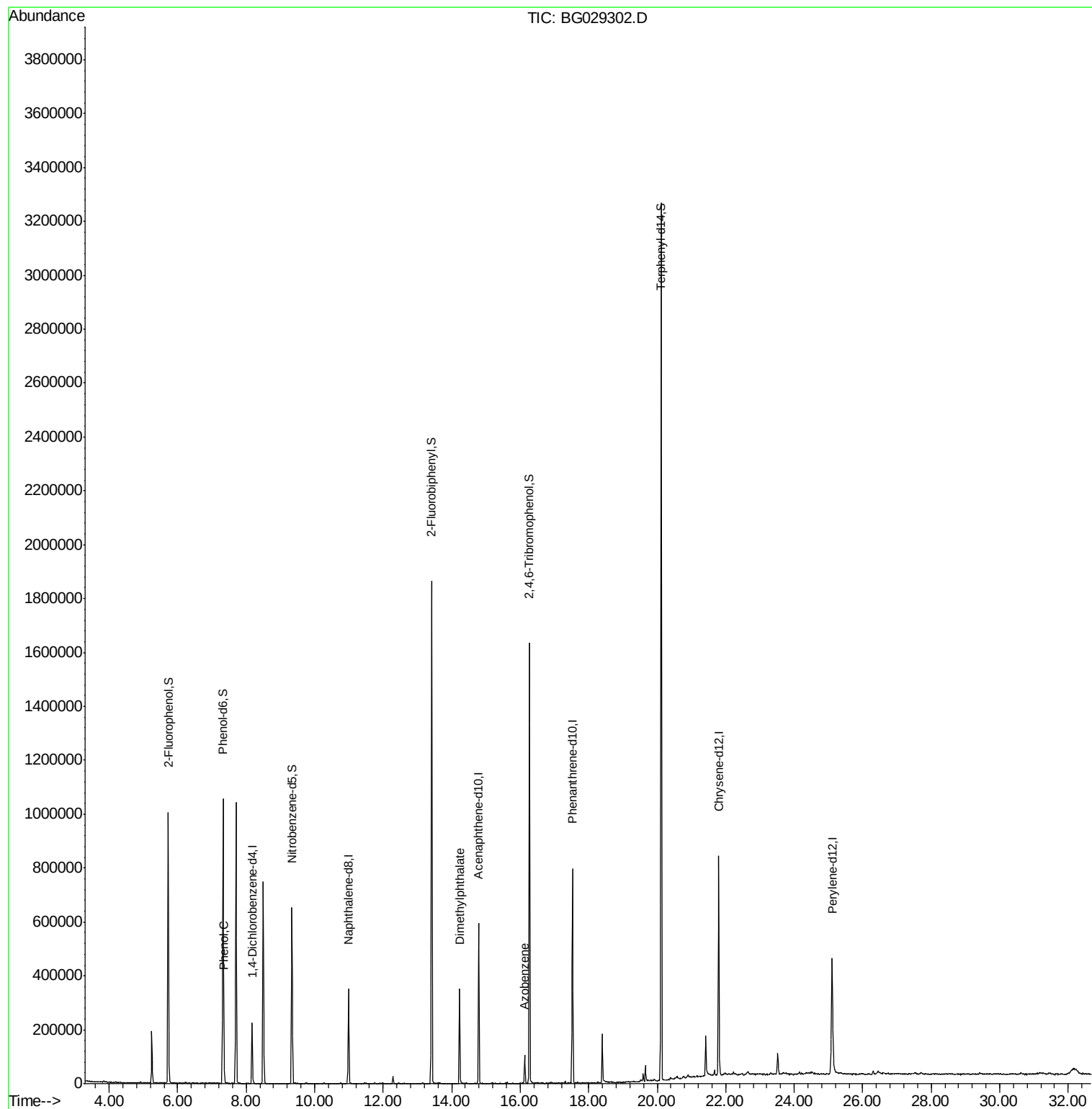
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64708	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	317507	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	205321	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	472862	20.00	ng	0.00
75) Chrysene-d12	21.80	240	501927	20.00	ng	0.00
86) Perylene-d12	25.10	264	510565	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	455361	117.56	ng	0.00
7) Phenol-d6	7.33	99	645584	118.74	ng	0.00
23) Nitrobenzene-d5	9.33	82	393303	78.72	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	315693	119.09	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1013072	72.37	ng	0.00
78) Terphenyl-d14	20.12	244	1513293	68.59	ng	0.00
Target Compounds						
10) Phenol	7.35	94	40658	6.94	ng	97
49) Dimethylphthalate	14.23	163	244633	15.27	ng	99
62) Azobenzene	16.13	77	29670	2.20	ng	# 1

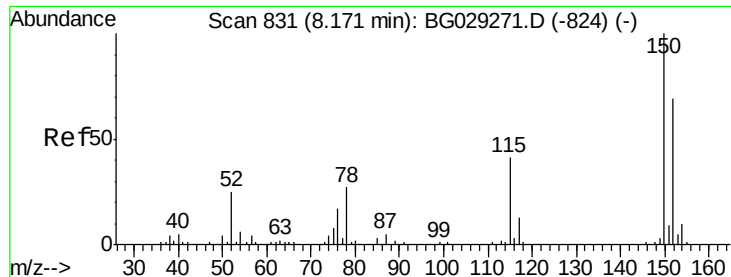
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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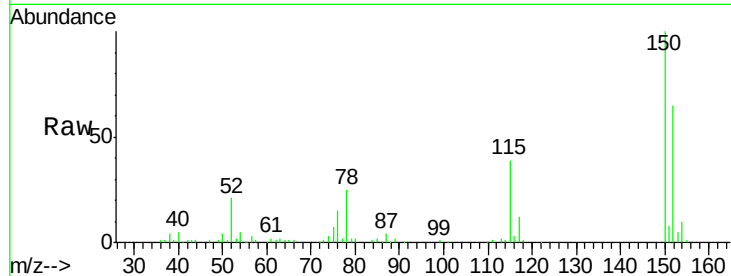


#1

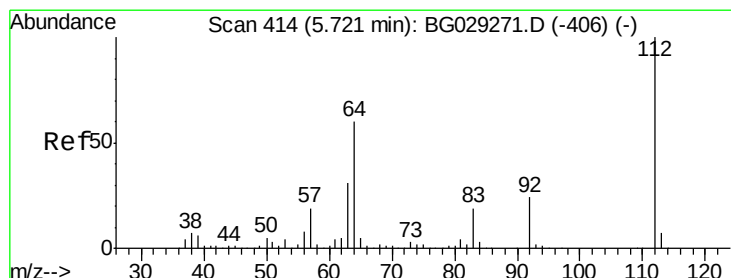
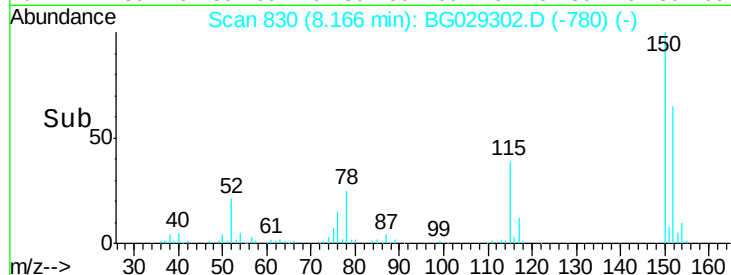
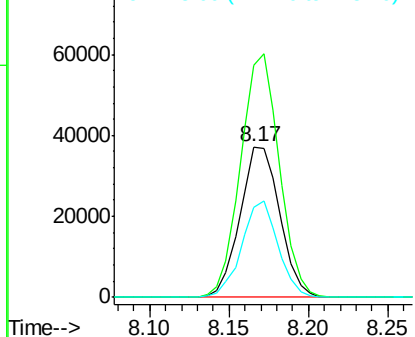
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64708
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 59.4 53.0 79.4



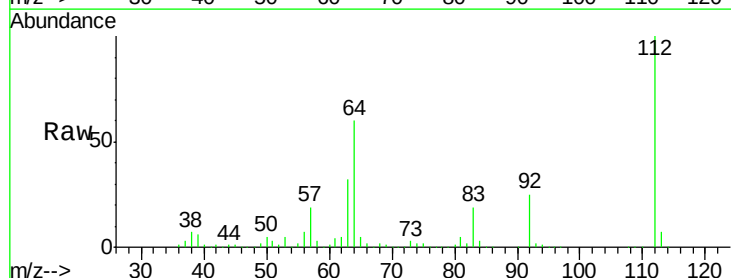
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



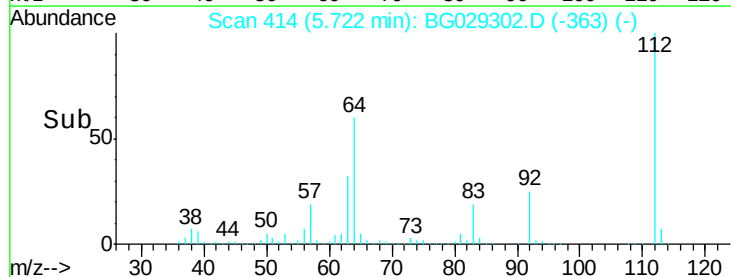
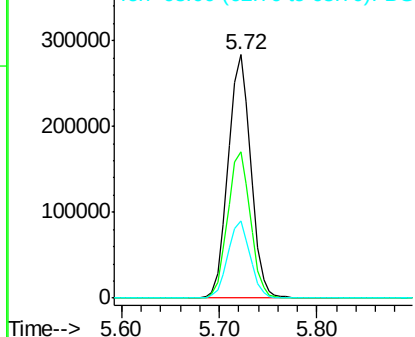
#5

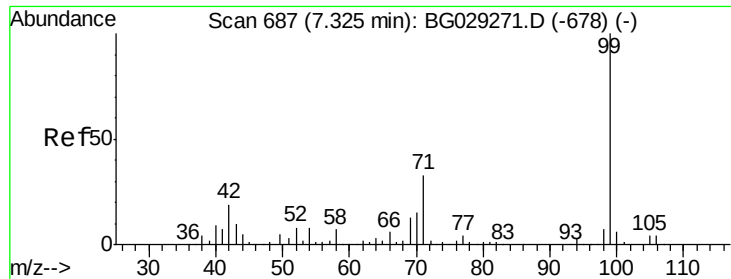
2-Fluorophenol
Concen: 117.56 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Tgt Ion:112 Resp: 455361
Ion Ratio Lower Upper
112 100
64 60.3 56.3 84.5
63 31.7 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: 118.74 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampled :

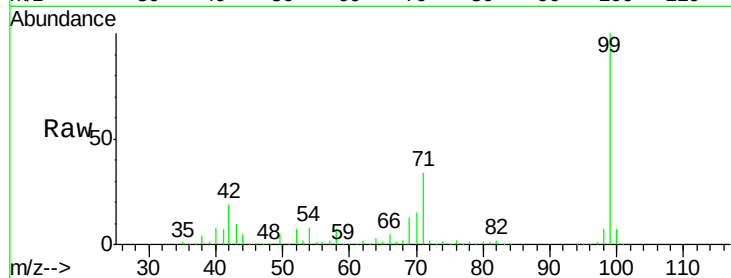
Tot Ion: 99 Resp: 645584

Ion Ratio Lower Upper

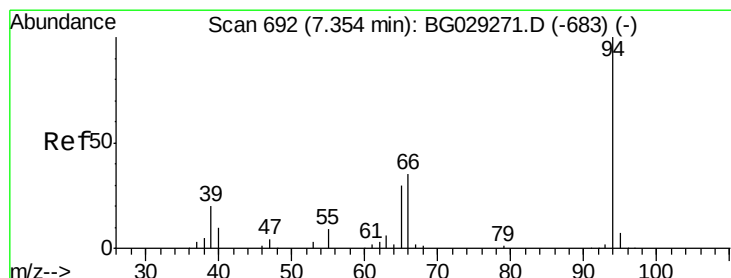
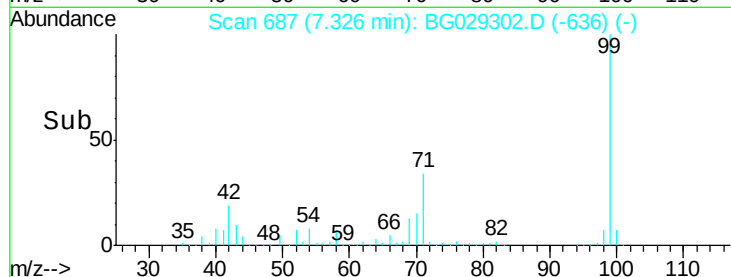
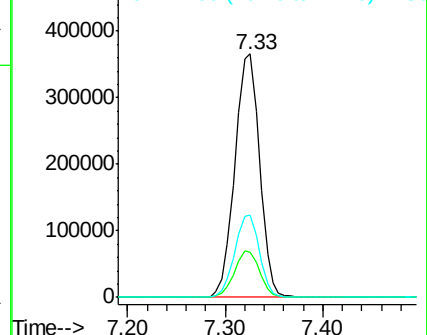
99 100

42 18.8 14.1 21.1

71 33.9 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: 6.94 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

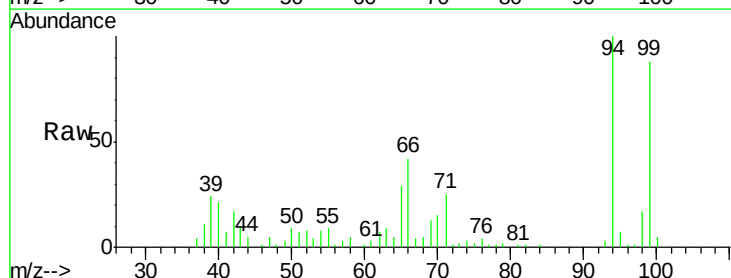
Tgt Ion: 94 Resp: 40658

Ion Ratio Lower Upper

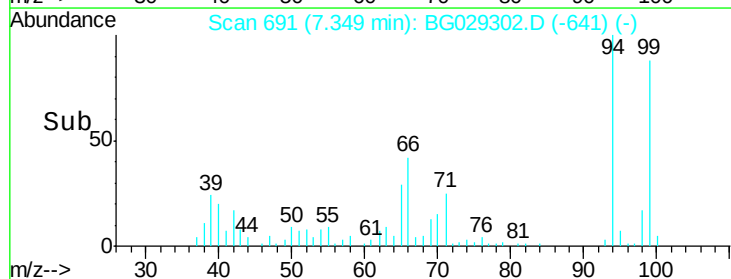
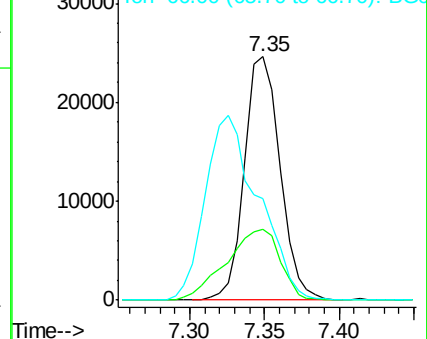
94 100

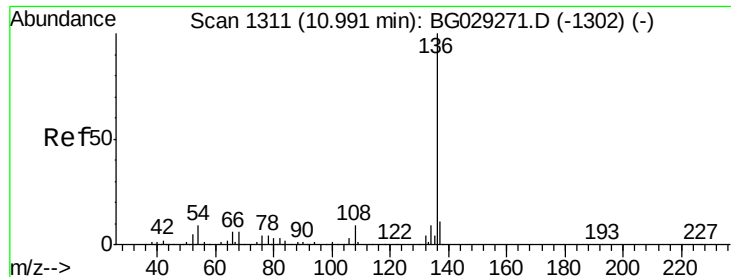
65 29.0 11.9 51.9

66 41.5 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: 20.00 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG029302.D

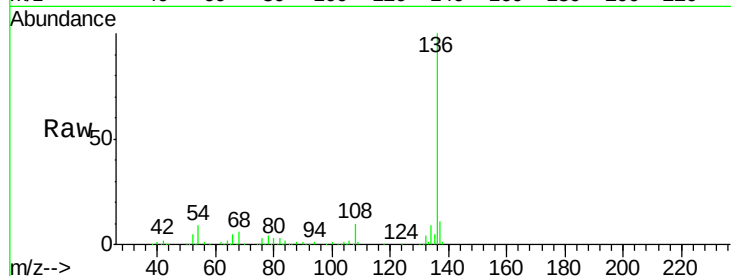
Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampled :

Tot Ion:136	Resp:	317507
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	8.9	10.3 15.5#
68	6.3	4.5 6.7

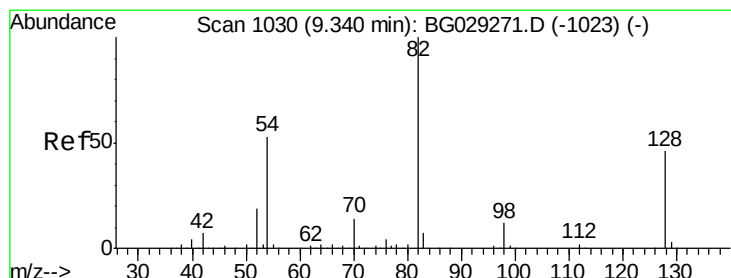
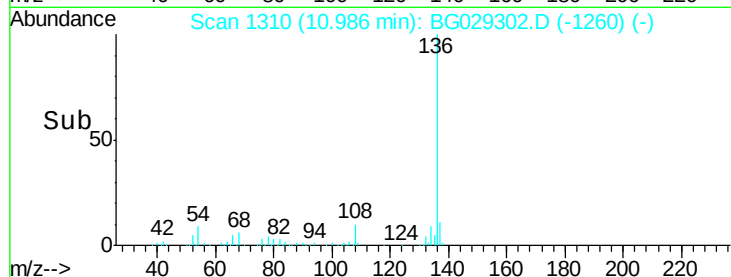
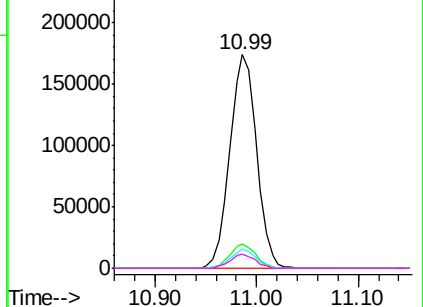


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.72 ng

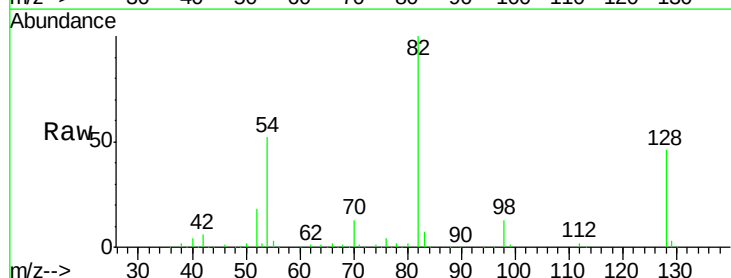
RT: 9.33 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

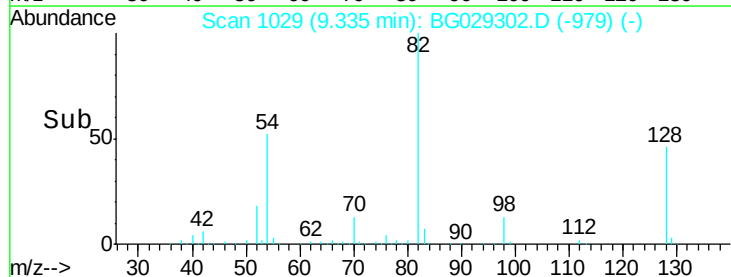
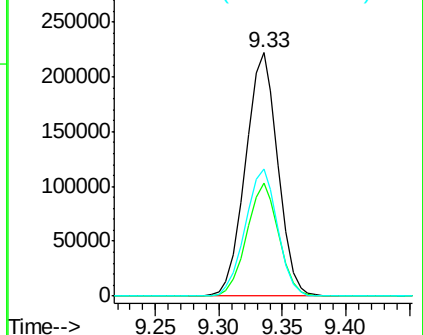
Tgt Ion: 82	Resp:	393303
Ion Ratio	Lower	Upper
82	100	
128	46.3	29.7 44.5#
54	52.4	43.1 64.7

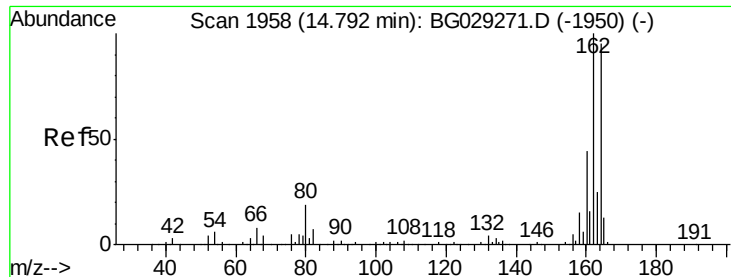


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampleId :

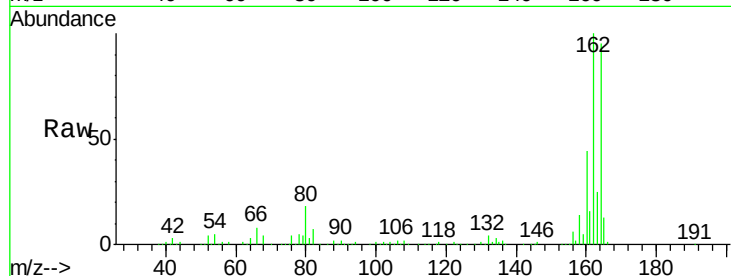
Tot Ion:164 Resp: 205321

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

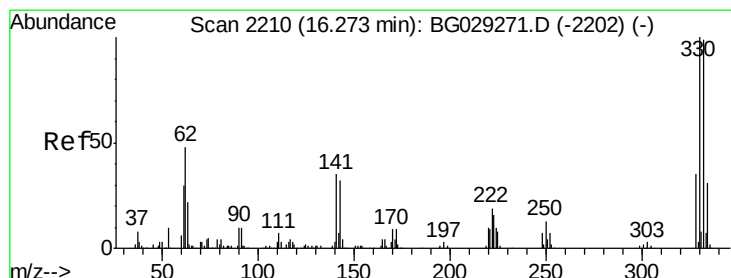
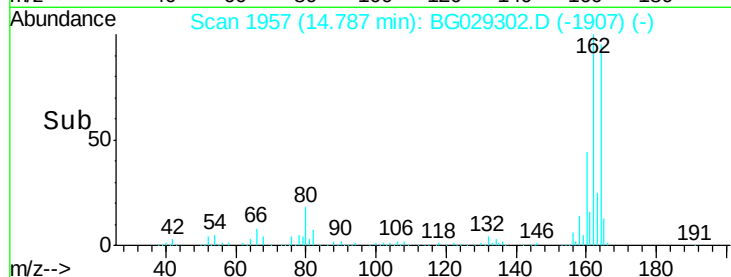
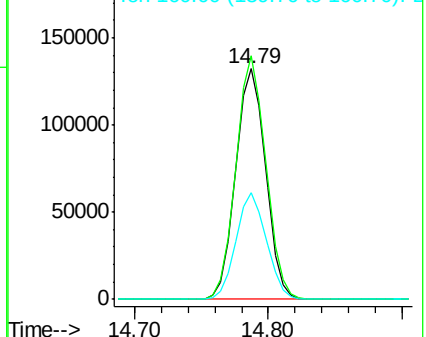
160 46.2 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 119.09 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

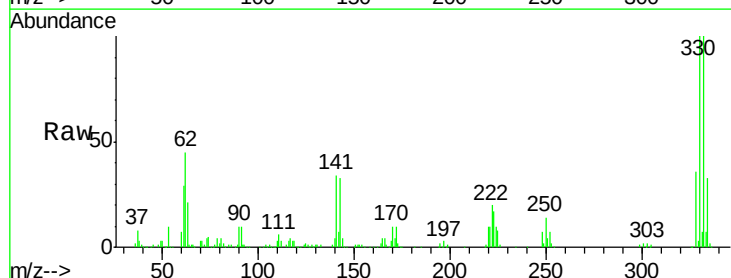
Tgt Ion:330 Resp: 315693

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

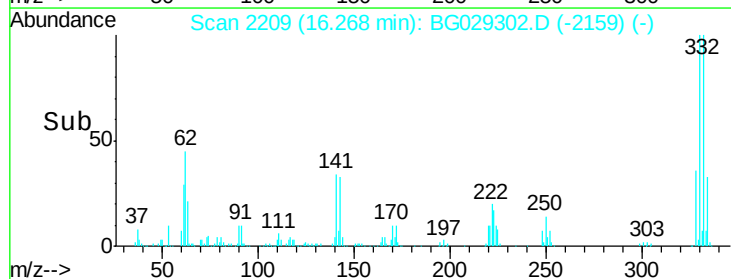
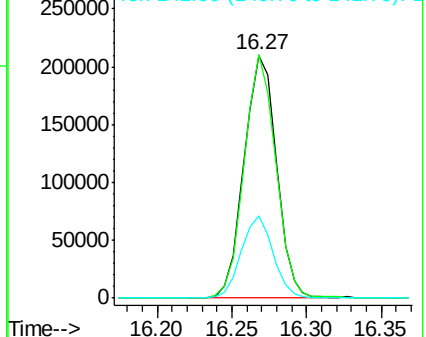
141 33.3 25.2 37.8

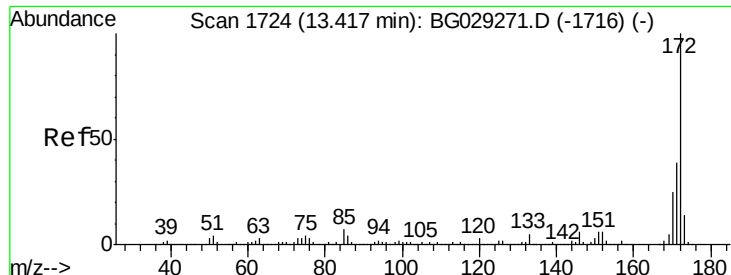


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

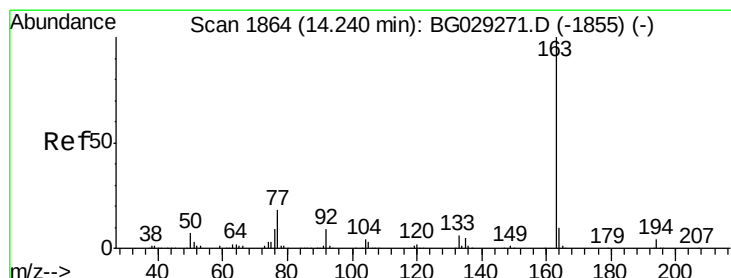
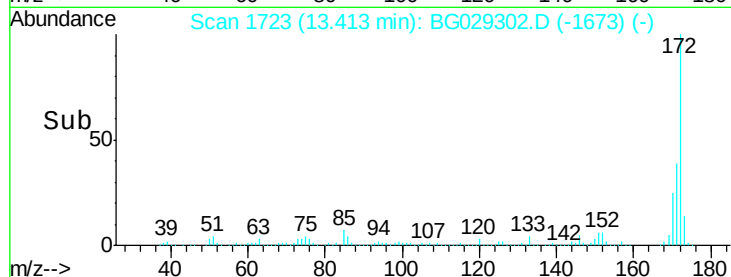
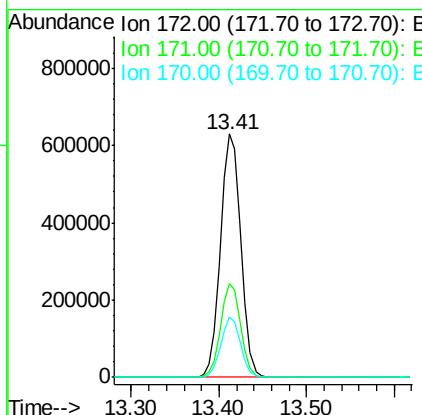
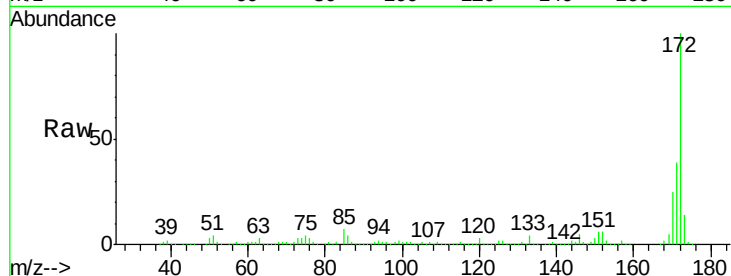




#44
2-Fluorobiphenyl
Concen: 72.37 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

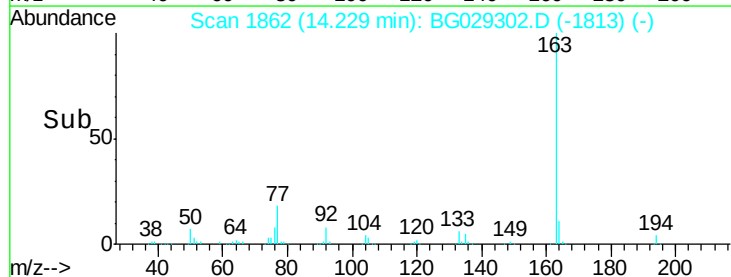
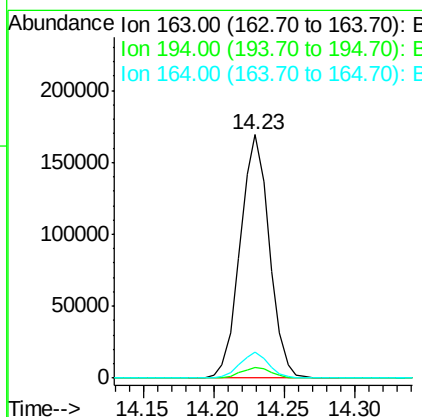
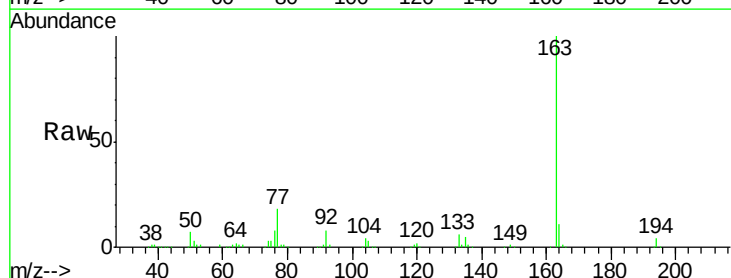
Instrument :
BNA_G
ClientSampleId :

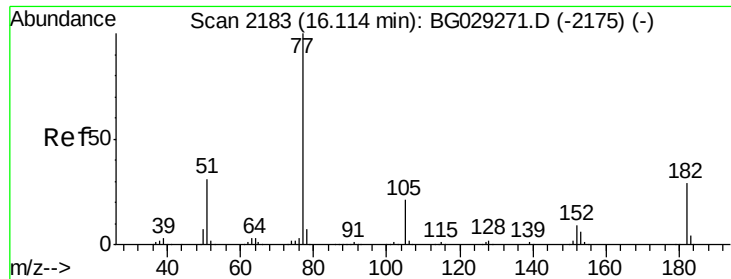
Tot Ion:172 Resp: 1013072
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 24.6 19.5 29.3



#49
Dimethylphthalate
Concen: 15.27 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Tgt Ion:163 Resp: 244633
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.5 8.2 12.4





#62

Azobenzene

Concen: 2.20 ng

RT: 16.13 min Scan# 2186

Delta R.T. 0.02 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 29670

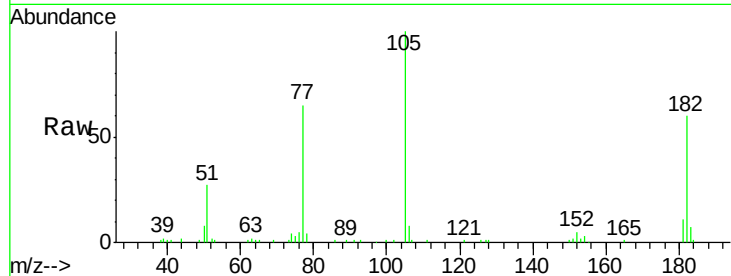
Ion Ratio Lower Upper

77 100

182 91.6 7.4 47.4#

105 152.8 0.3 40.3#

51 41.4 11.6 51.6

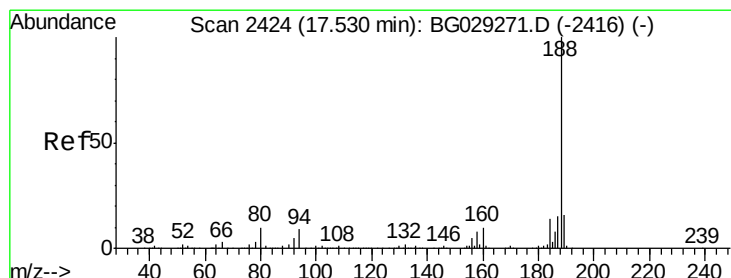
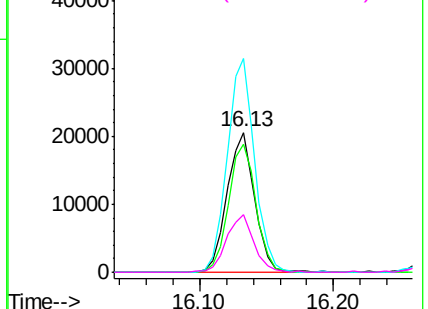
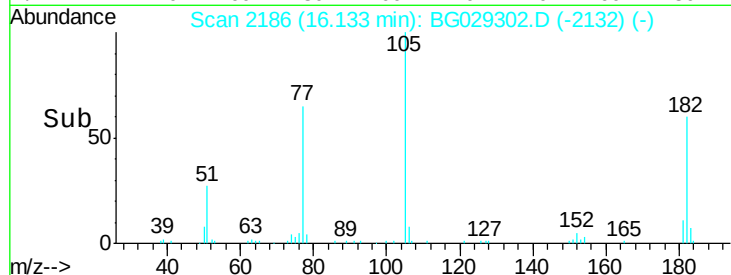


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

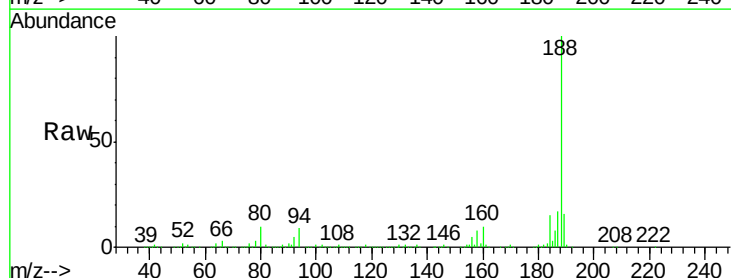
Tgt Ion: 188 Resp: 472862

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

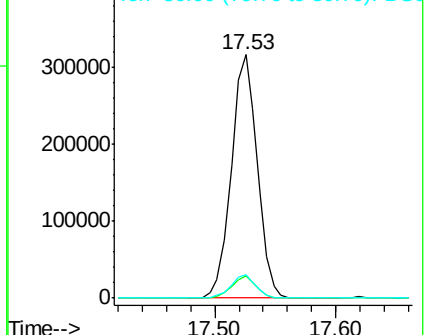
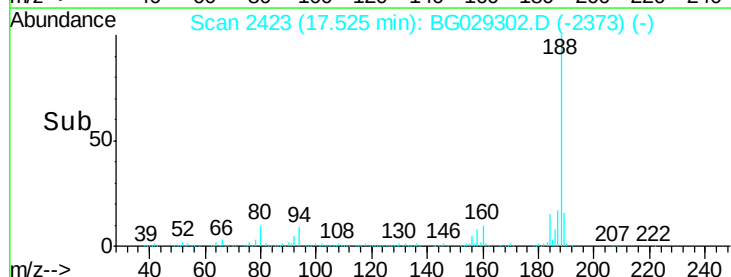
80 9.5 7.7 11.5

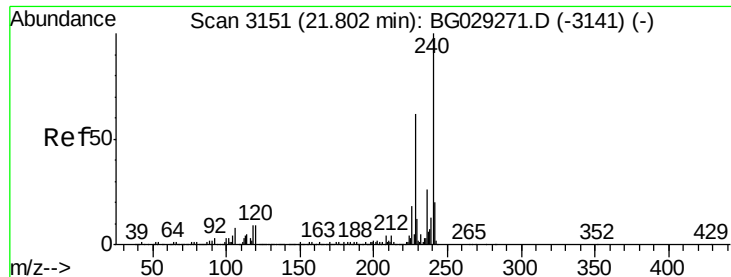


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

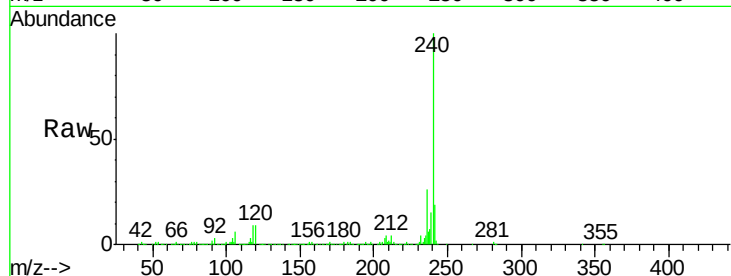
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 501927

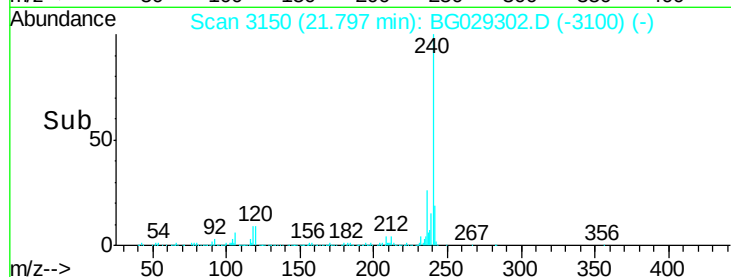
Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.8	10.2
236	25.7	20.9	31.3



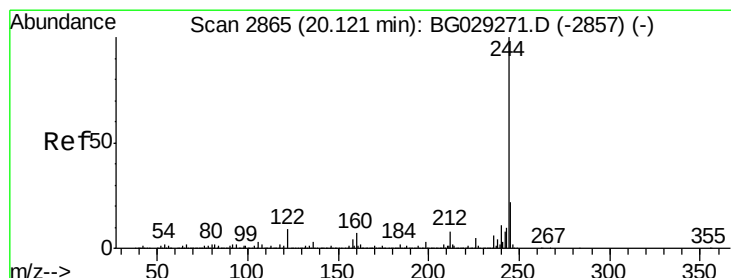
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 68.59 ng

RT: 20.12 min Scan# 2864

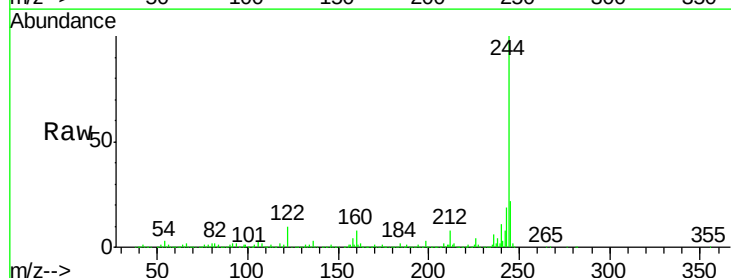
Delta R.T. -0.00 min

Lab File: BG029302.D

Acq: 17 Oct 2017 15:35

Tgt Ion:244 Resp: 1513293

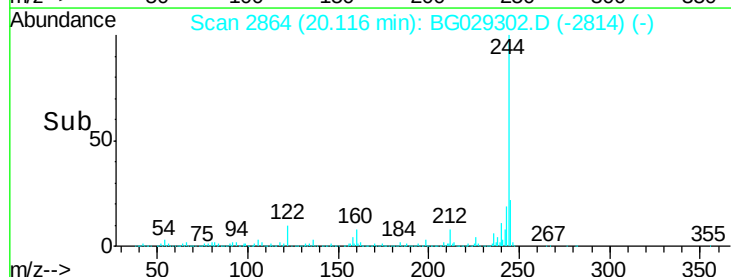
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.6	7.0	10.4



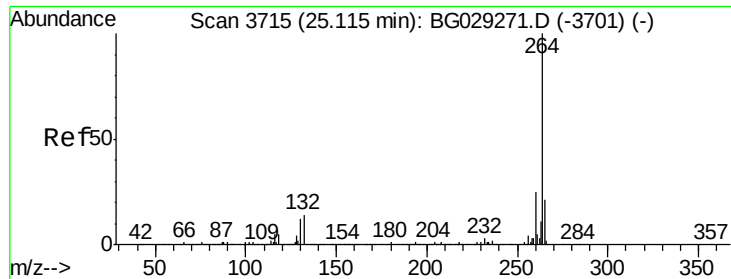
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029302.D
Acq: 17 Oct 2017 15:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	510565
Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.2	17.7	26.5

