

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029023.D
 Acq On : 4 Oct 2017 3:14
 Operator : SJ/JU
 Sample : I5496-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:26:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

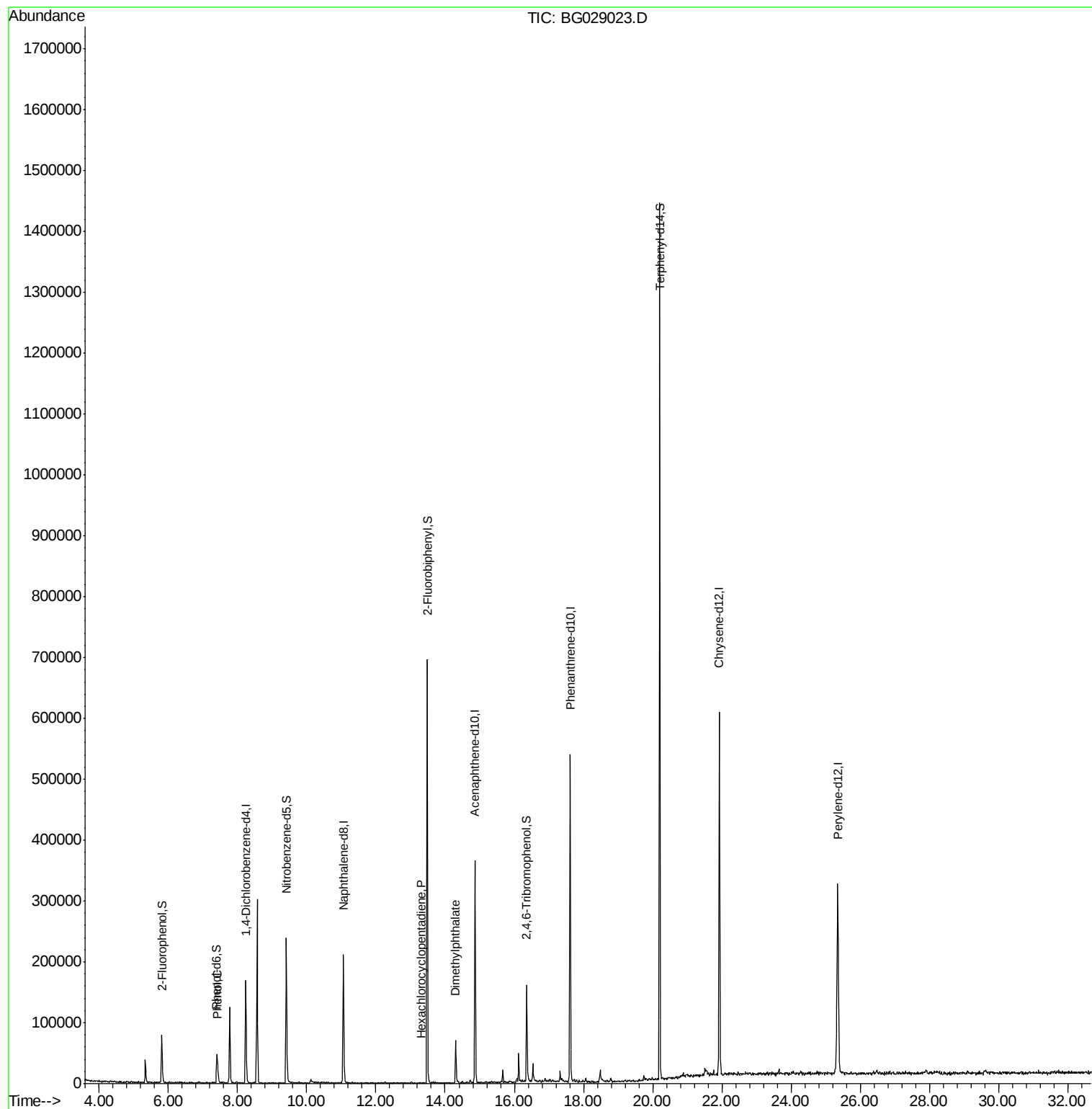
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	47289	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	187451	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	132791	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	349458	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	393154	20.00	ng	-0.11
86) Perylene-d12	25.35	264	379250	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	34680	12.10	ng	-0.09
7) Phenol-d6	7.40	99	31290	7.25	ng	-0.09
23) Nitrobenzene-d5	9.41	82	156387	39.91	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	38021	17.31	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	381097	38.27	ng	-0.08
78) Terphenyl-d14	20.20	244	698703	37.90	ng	-0.08
Target Compounds						
10) Phenol	7.43	94	13159	2.89	ng	Qvalue 88
40) Hexachlorocyclopentadiene	13.29	237	68	7.63	ng	# 29
49) Dimethylphthalate	14.31	163	50598	4.54	ng	# 96

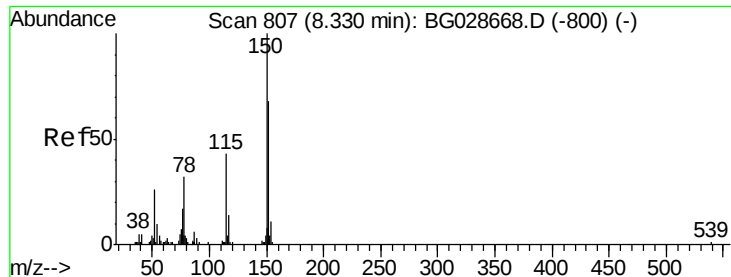
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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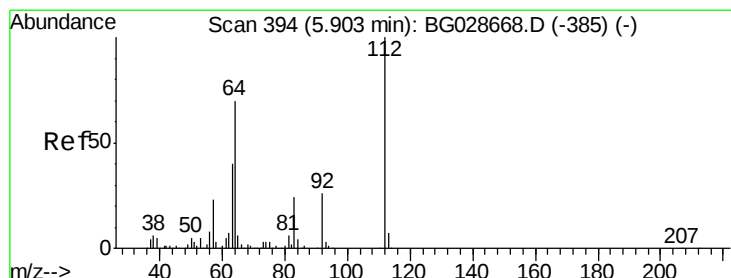
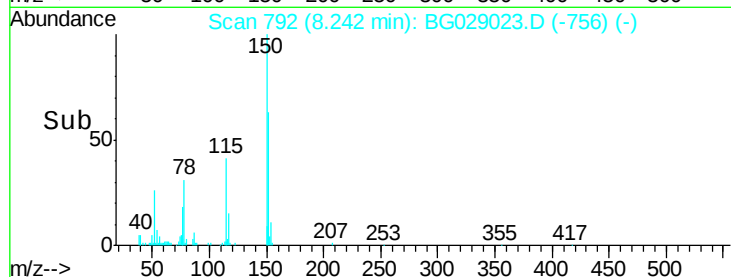
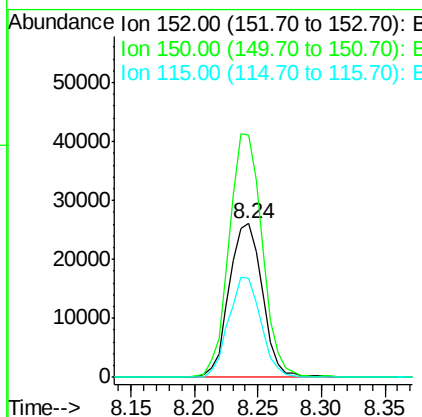
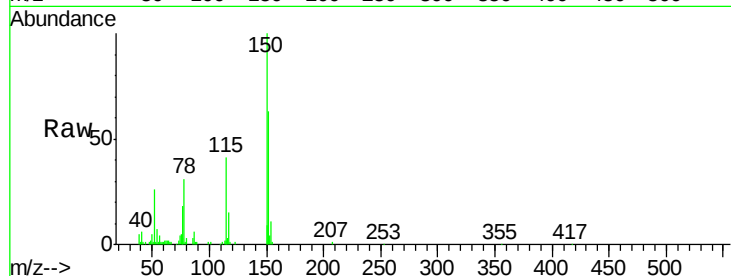


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029023.D
Acq: 4 Oct 2017 3:14

Instrument :
BNA_G
ClientSampleId :

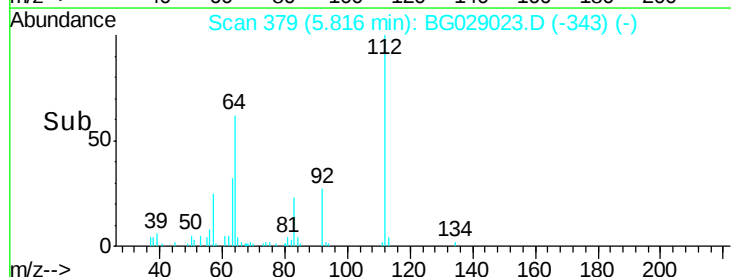
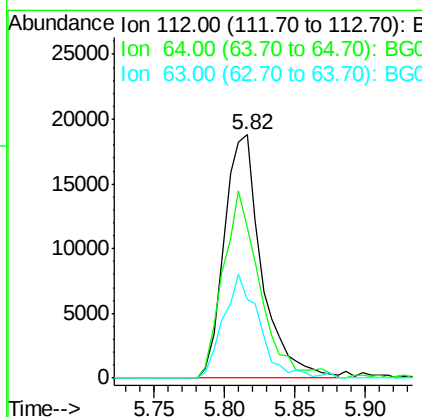
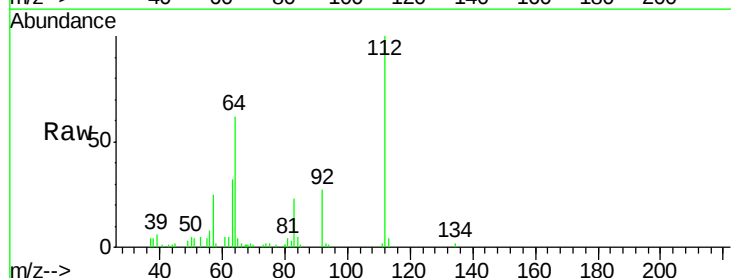
Tot Ion:152 Resp: 47289
Ion Ratio Lower Upper
152 100
150 157.9 114.0 171.0
115 64.4 48.1 72.1

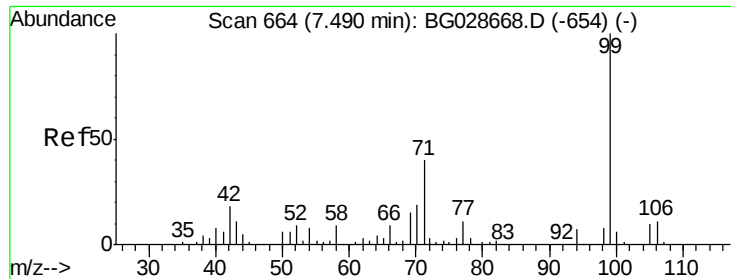


#5

2-Fluorophenol
Concen: 12.10 ng
RT: 5.82 min Scan# 379
Delta R.T. -0.09 min
Lab File: BG029023.D
Acq: 4 Oct 2017 3:14

Tgt Ion:112 Resp: 34680
Ion Ratio Lower Upper
112 100
64 61.7 61.8 92.6#
63 32.1 37.2 55.8#





#7

Phenol-d6

Concen: 7.25 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029023.D

Acq: 4 Oct 2017 3:14

Instrument :

BNA_G

ClientSampled :

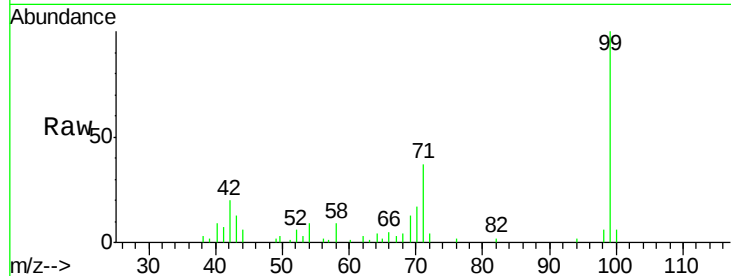
Tot Ion: 99 Resp: 31290

Ion Ratio Lower Upper

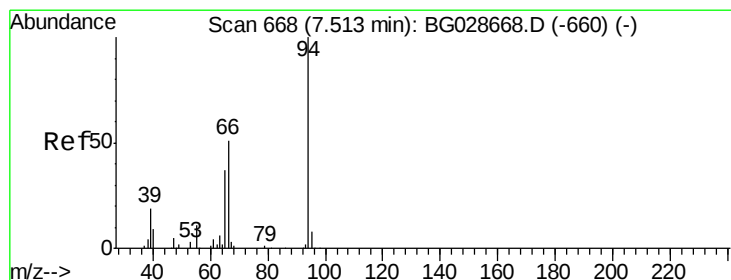
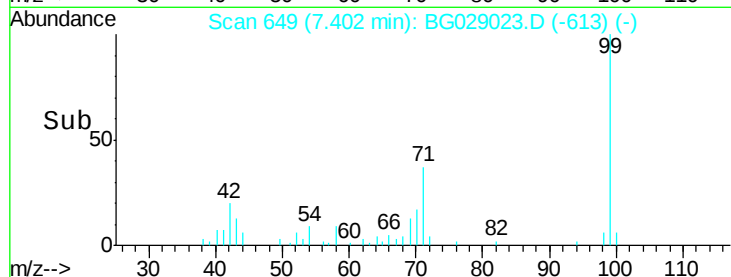
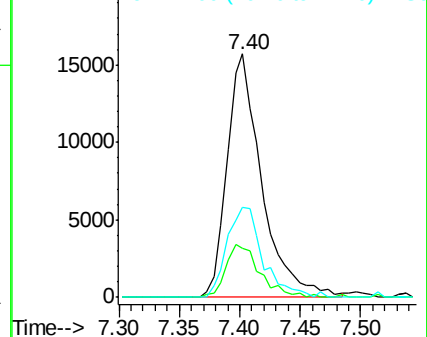
99 100

42 20.2 20.5 30.7#

71 37.1 37.6 56.4#



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: 2.89 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.08 min

Lab File: BG029023.D

Acq: 4 Oct 2017 3:14

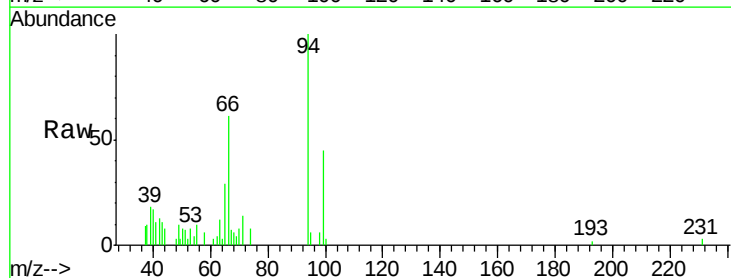
Tgt Ion: 94 Resp: 13159

Ion Ratio Lower Upper

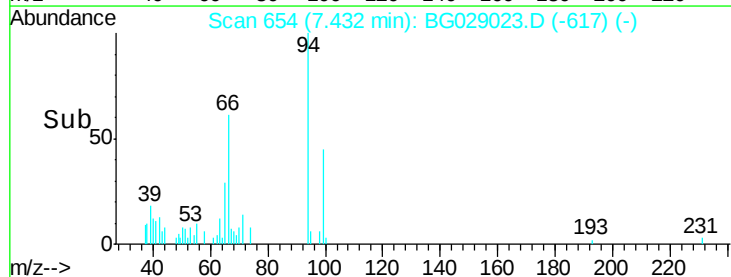
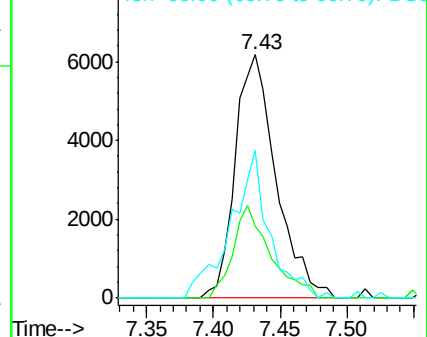
94 100

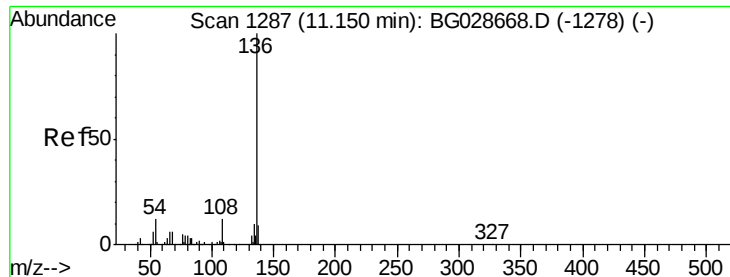
65 29.4 20.6 60.6

66 60.7 35.5 75.5



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

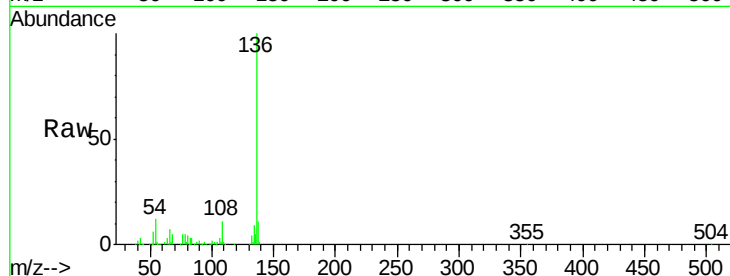




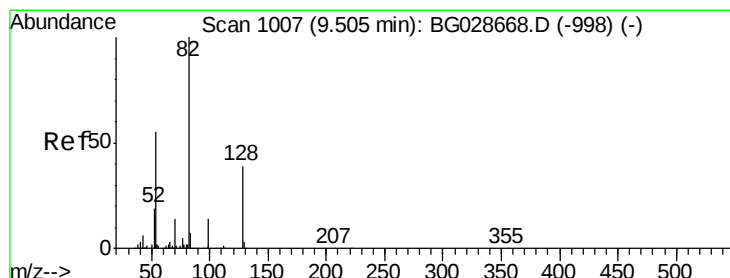
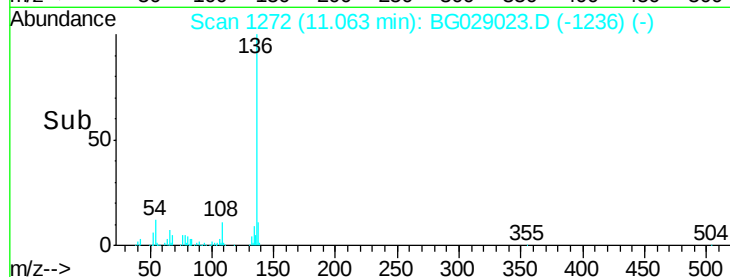
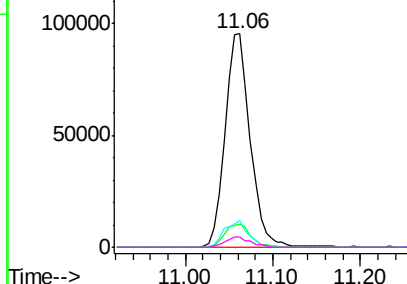
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BG029023.D
Acq: 4 Oct 2017 3:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	12.4	9.3	13.9
68	5.0	5.1	7.7#

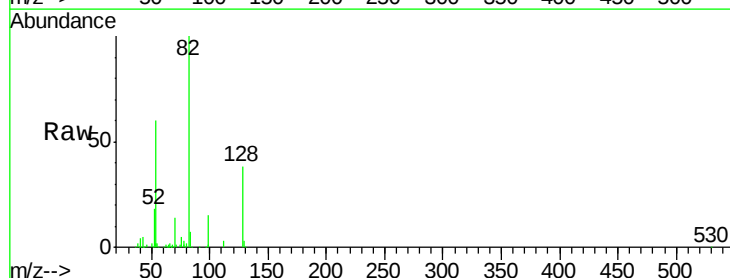


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

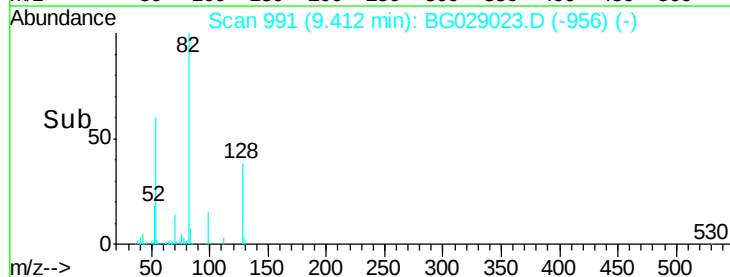
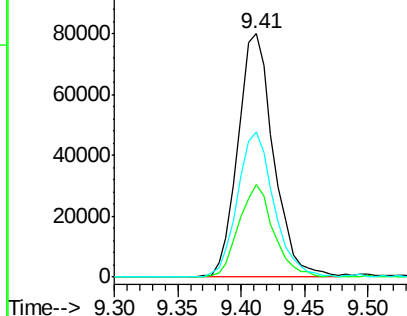


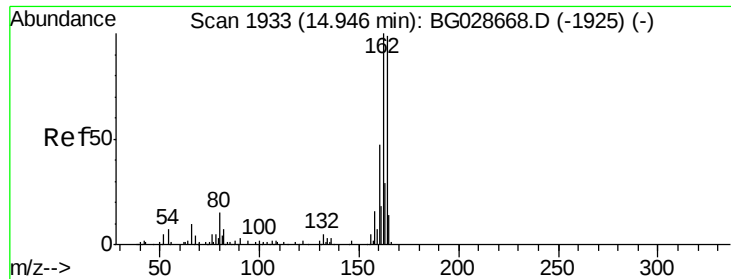
#23
Nitrobenzene-d5
Concen: 39.91 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029023.D
Acq: 4 Oct 2017 3:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.4	39.6
54	59.7	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.86 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029023.D

Acq: 4 Oct 2017 3:14

Instrument :

BNA_G

ClientSampleId :

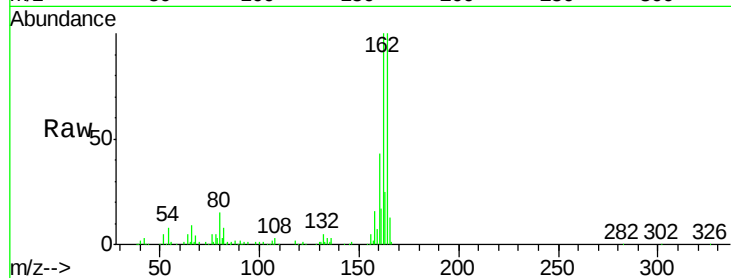
Tot Ion:164 Resp: 132791

Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

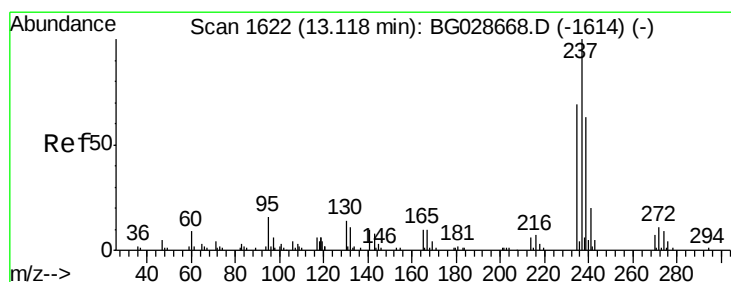
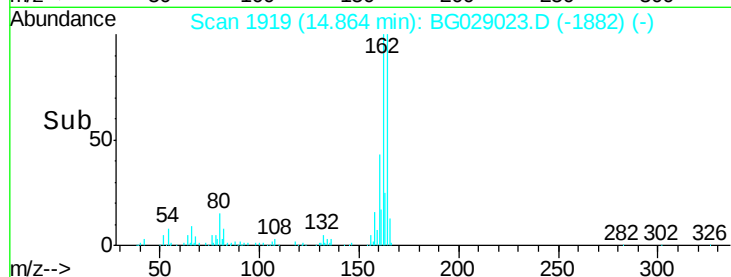
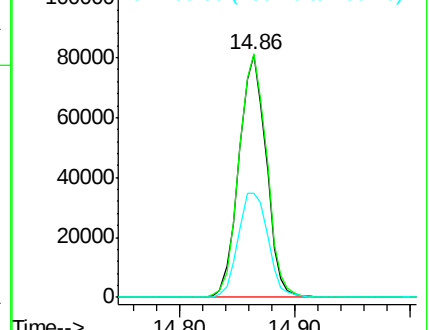
160 43.0 34.7 52.1



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: 7.63 ng

RT: 13.29 min Scan# 1651

Delta R.T. 0.17 min

Lab File: BG029023.D

Acq: 4 Oct 2017 3:14

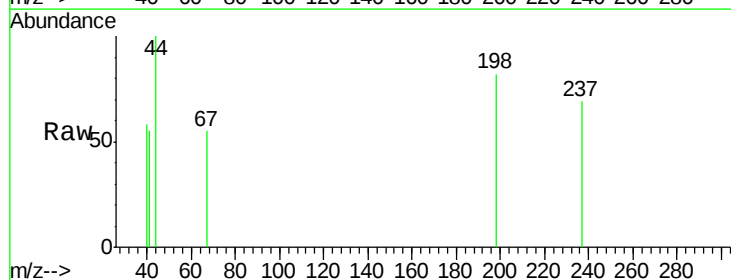
Tgt Ion:237 Resp: 68

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

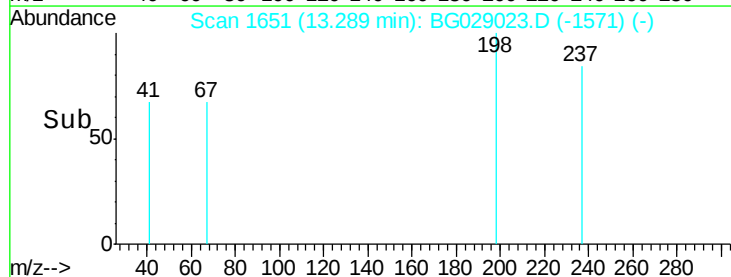
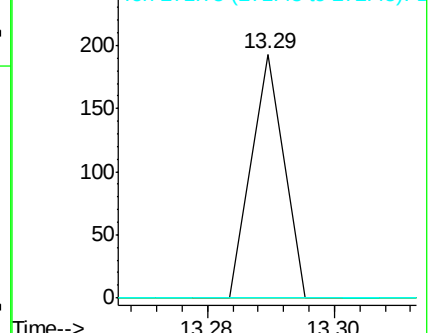
272 0.0 0.0 32.0

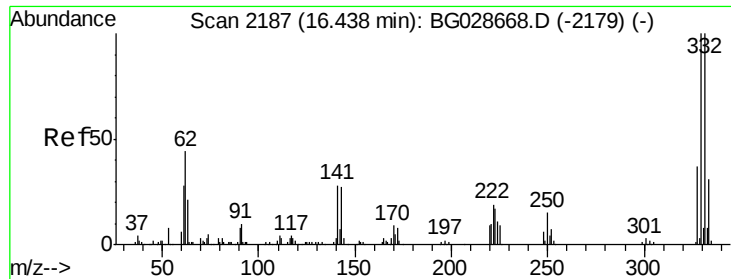


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

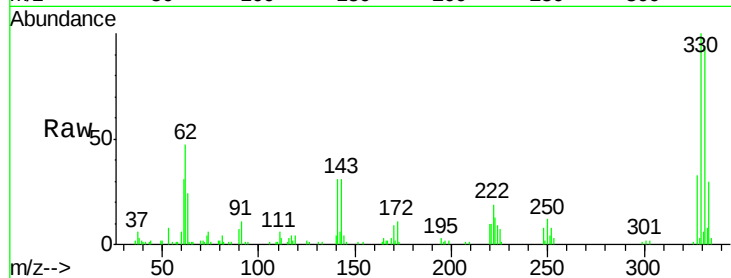




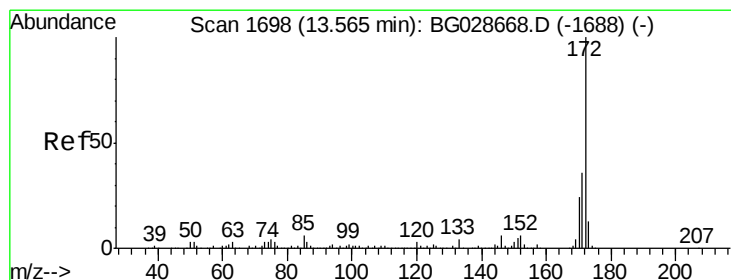
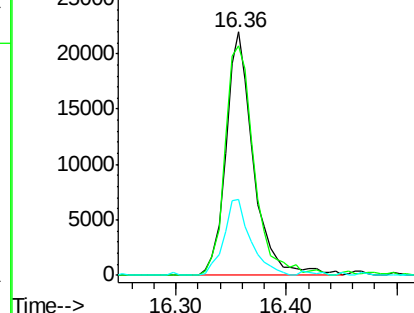
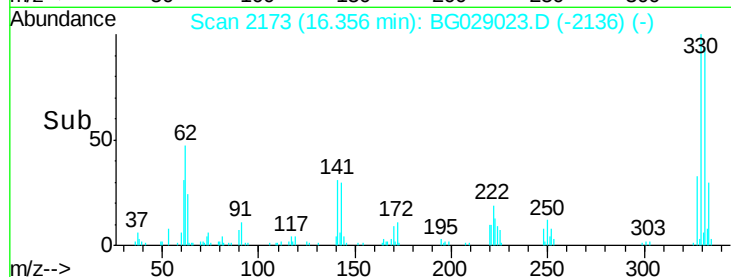
#41
 2,4,6-Tribromophenol
 Concen: 17.31 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029023.D
 Acq: 4 Oct 2017 3:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.3	77.3	115.9
141	30.4	32.1	48.1#

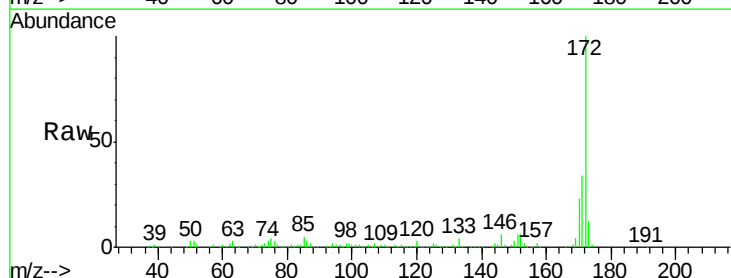


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

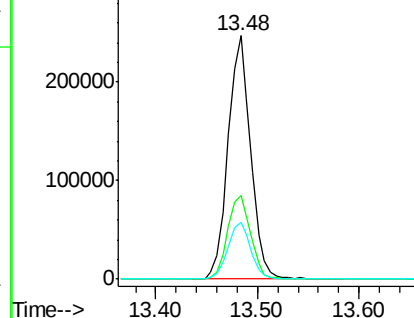
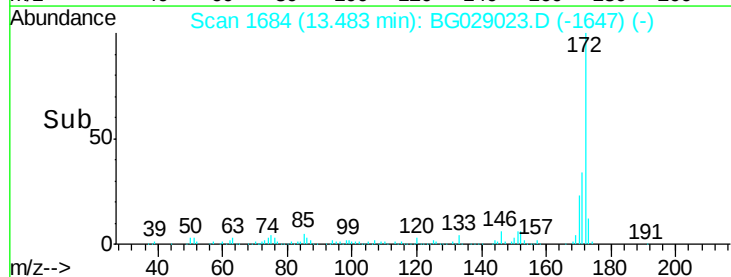


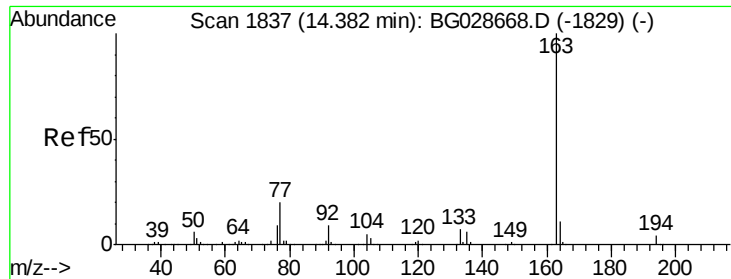
#44
 2-Fluorobiphenyl
 Concen: 38.27 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029023.D
 Acq: 4 Oct 2017 3:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	32.2	48.2
170	23.4	21.8	32.6



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

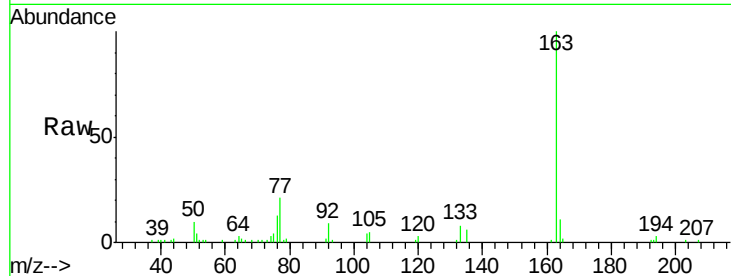




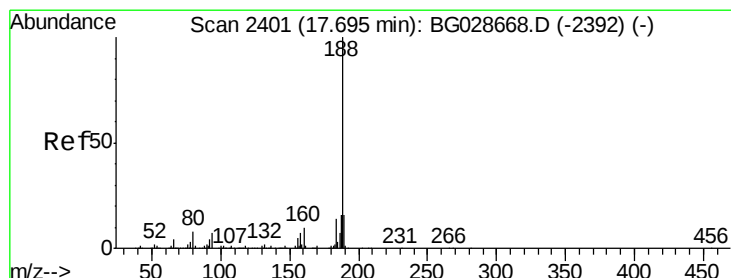
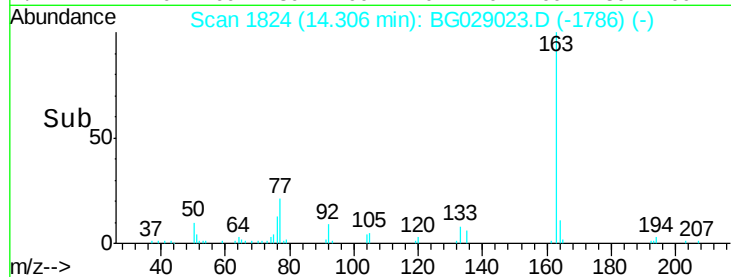
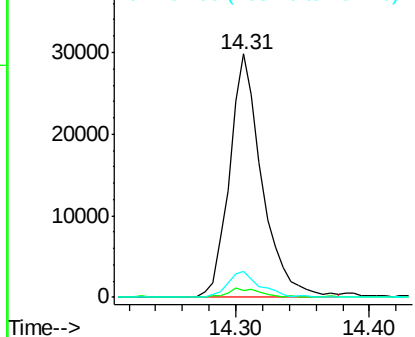
#49
Dimethylphthalate
Concen: 4.54 ng
RT: 14.31 min Scan# 1824
Delta R.T. -0.08 min
Lab File: BG029023.D
Acq: 4 Oct 2017 3:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 50598
Ion Ratio Lower Upper
163 100
194 2.7 3.8 5.6#
164 10.6 9.3 13.9

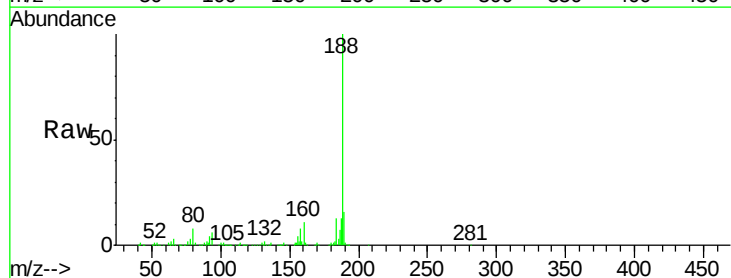


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

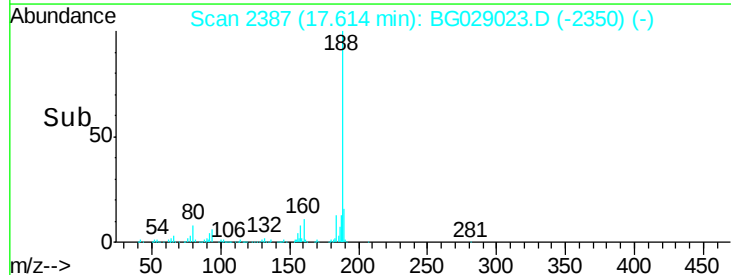
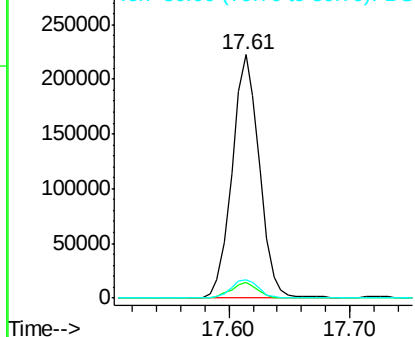


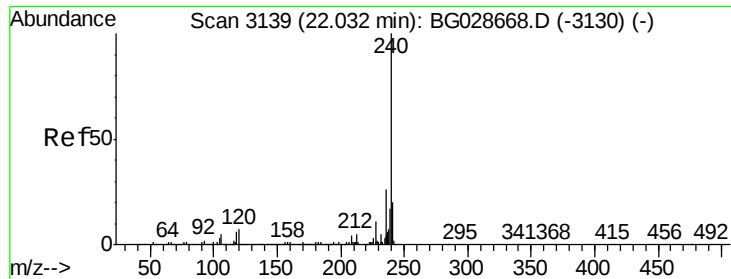
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029023.D
Acq: 4 Oct 2017 3:14

Tgt Ion:188 Resp: 349458
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
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: 21.93 min Scan# 3121

Delta R.T. -0.11 min

Lab File: BG029023.D

Acq: 4 Oct 2017 3:14

Instrument :

BNA_G

ClientSampleId :

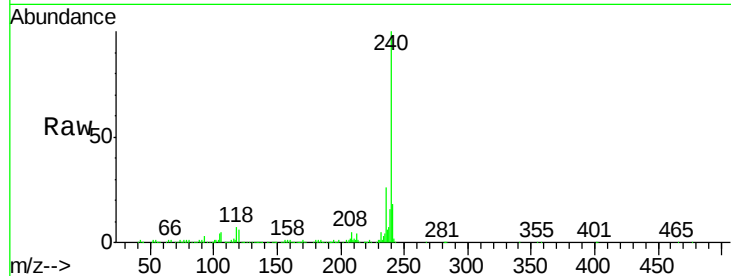
Tot Ion:240 Resp: 393154

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

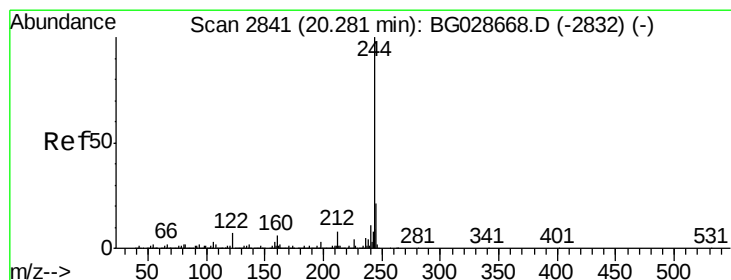
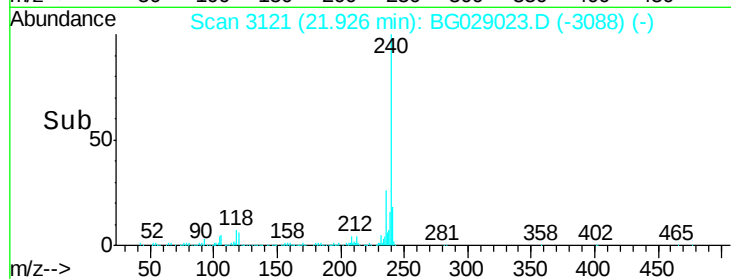
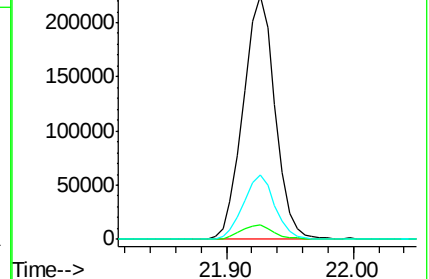
236 26.3 22.2 33.4



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



#78

Terphenyl-d14

Concen: 37.90 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029023.D

Acq: 4 Oct 2017 3:14

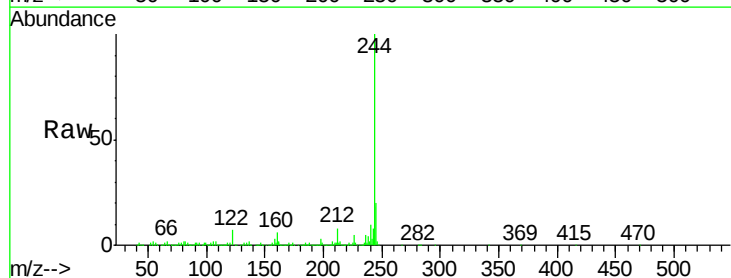
Tgt Ion:244 Resp: 698703

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

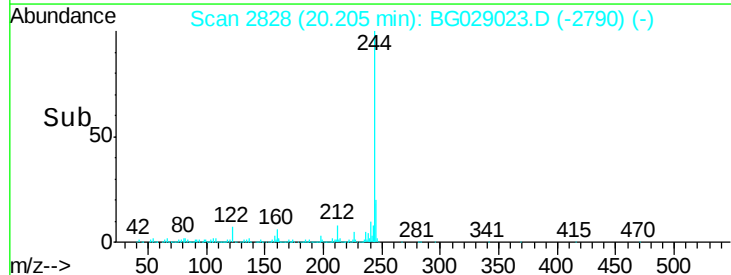
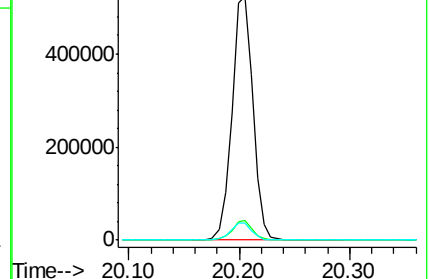
122 7.2 8.6 12.8#

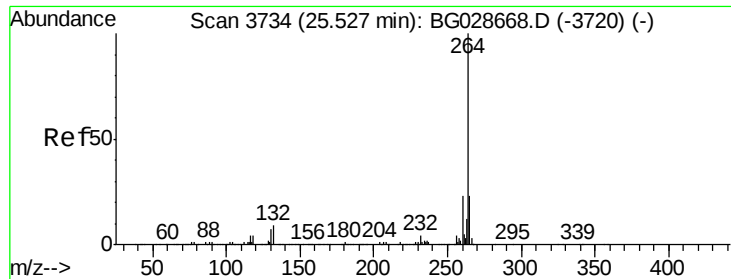


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3703
Delta R.T. -0.18 min
Lab File: BG029023.D
Acq: 4 Oct 2017 3:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	22.4	18.2	27.4

