

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029024.D
 Acq On : 4 Oct 2017 3:53
 Operator : SJ/JU
 Sample : I5496-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:27:09 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

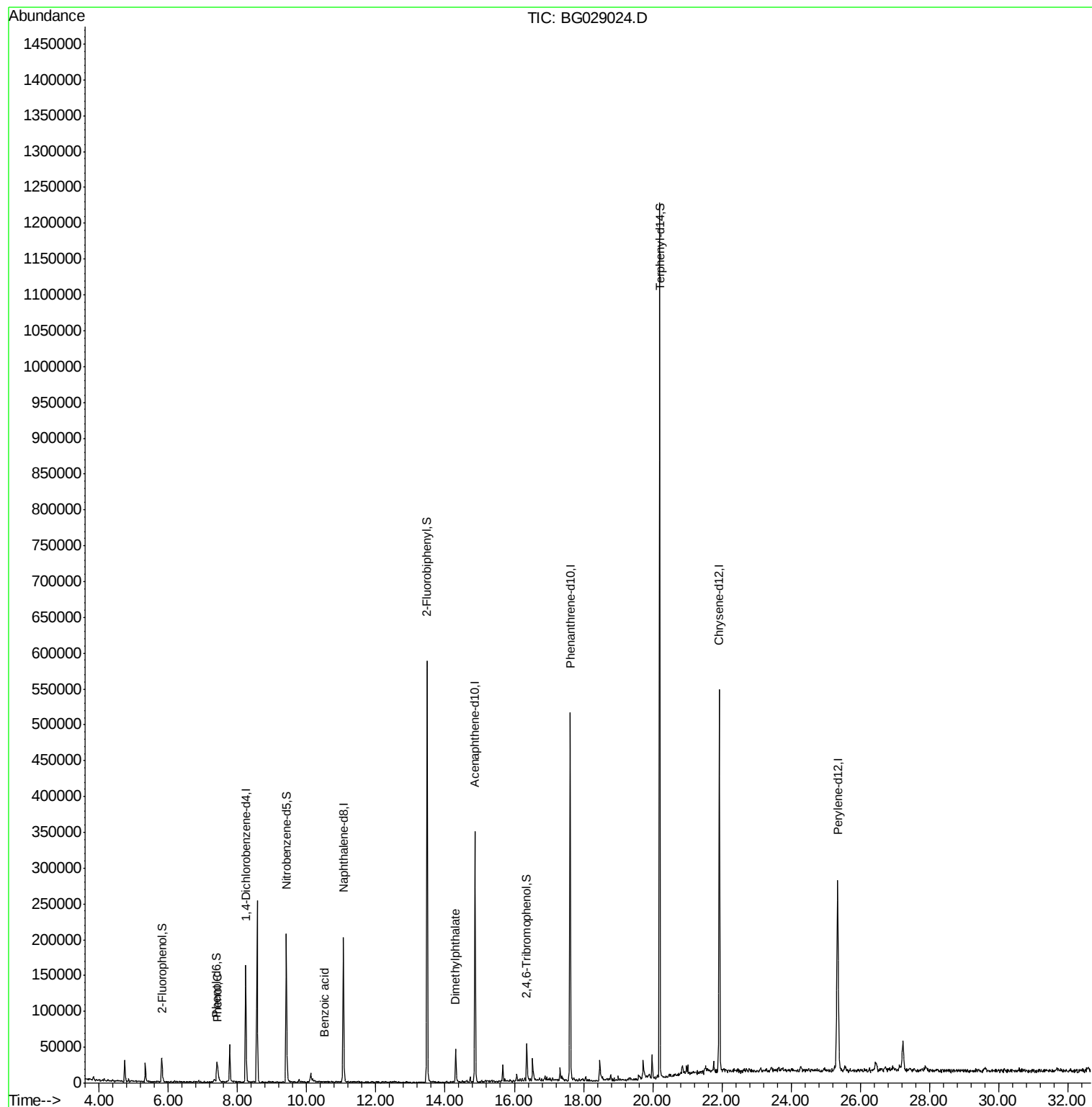
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	43942	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	177841	20.00	ng	-0.09
38) Acenaphthene-d10	14.87	164	127446	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	334920	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	363388	20.00	ng	-0.10
86) Perylene-d12	25.34	264	310449	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	16475	6.19	ng	-0.09
7) Phenol-d6	7.40	99	18417	4.59	ng	-0.09
23) Nitrobenzene-d5	9.41	82	137765	37.06	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	12025	5.70	ng	-0.07
44) 2-Fluorobiphenyl	13.48	172	331694	34.70	ng	-0.08
78) Terphenyl-d14	20.20	244	591452	34.71	ng	-0.08
Target Compounds						
10) Phenol	7.43	94	10058	2.38	ng	Qvalue 87
32) Benzoic acid	10.49	122	91	6.12	ng	# 1
49) Dimethylphthalate	14.31	163	36322	3.40	ng	# 96

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

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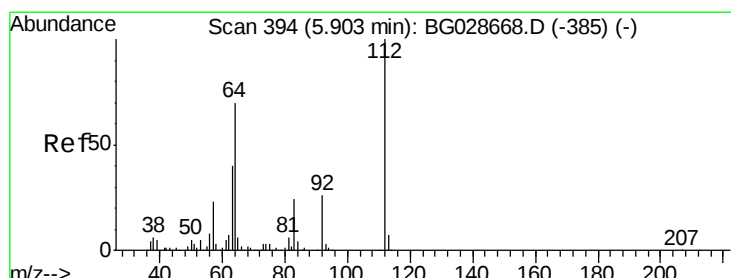
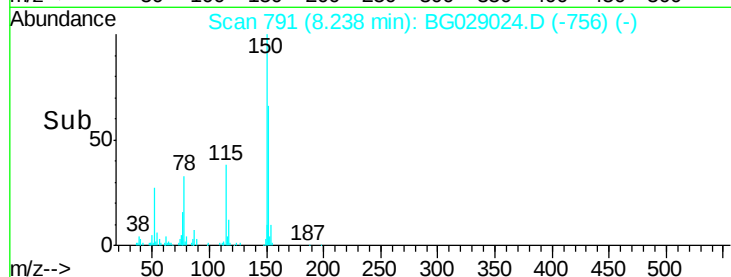
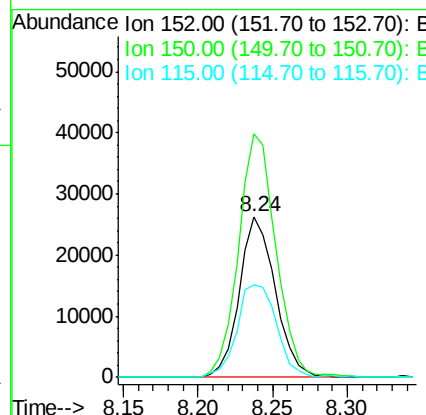
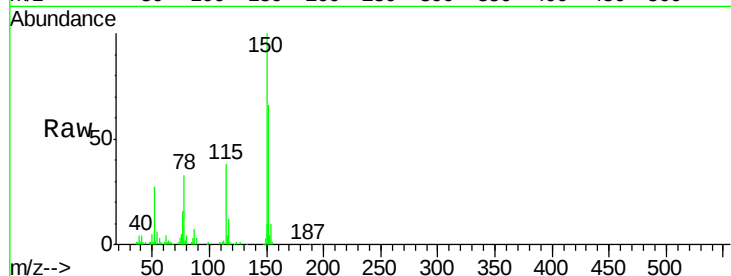


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Instrument :
BNA_G
ClientSampleId :

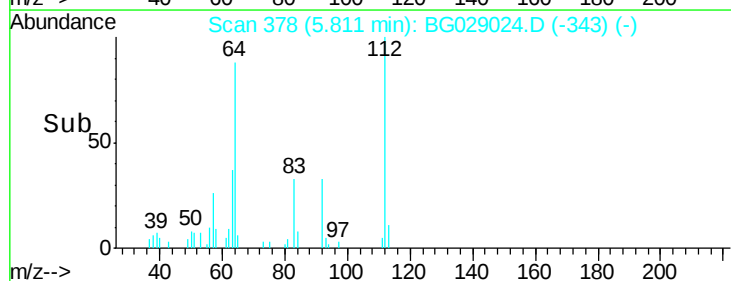
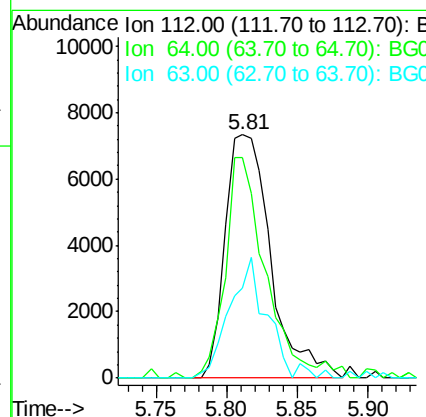
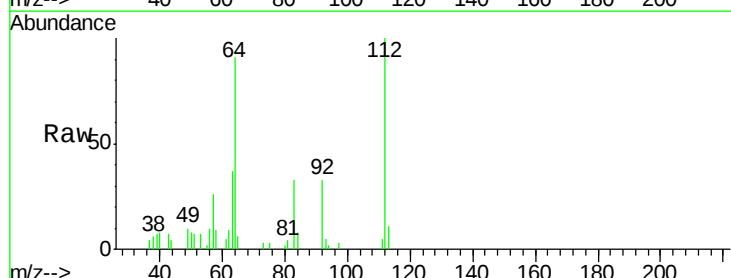
Tot Ion:152 Resp: 43942
Ion Ratio Lower Upper
152 100
150 151.6 114.0 171.0
115 57.7 48.1 72.1

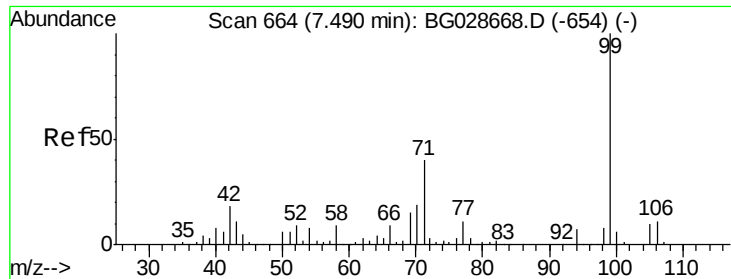


#5

2-Fluorophenol
Concen: 6.19 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Tgt Ion:112 Resp: 16475
Ion Ratio Lower Upper
112 100
64 90.8 61.8 92.6
63 36.7 37.2 55.8#





#7

Phenol-d6

Concen: 4.59 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

Instrument :

BNA_G

ClientSampled :

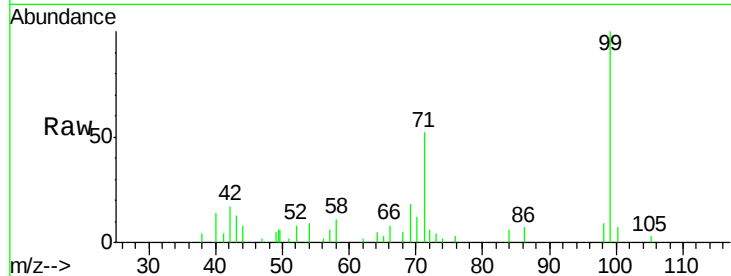
Tot Ion: 99 Resp: 18417

Ion Ratio Lower Upper

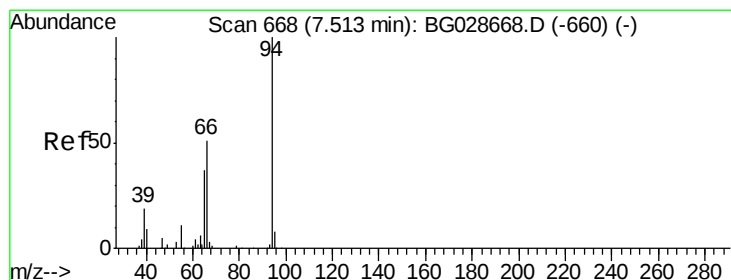
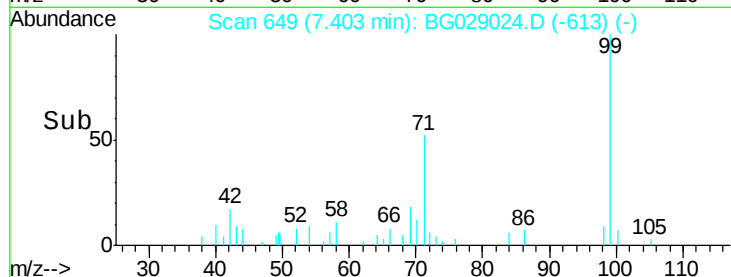
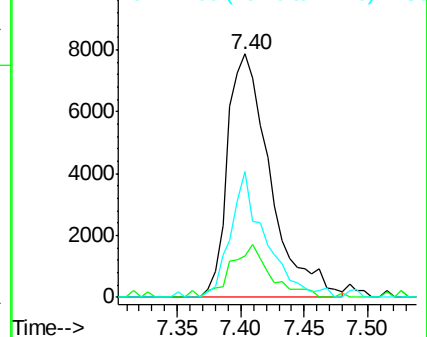
99 100

42 16.8 20.5 30.7#

71 51.9 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: 2.38 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.08 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

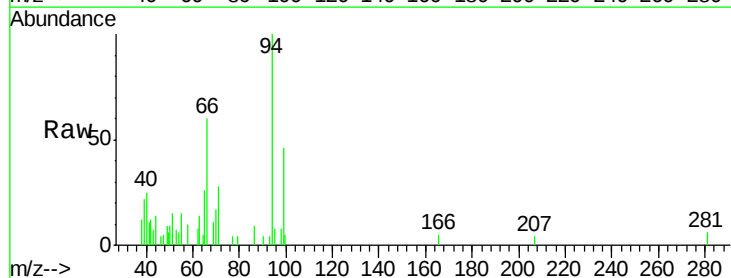
Tgt Ion: 94 Resp: 10058

Ion Ratio Lower Upper

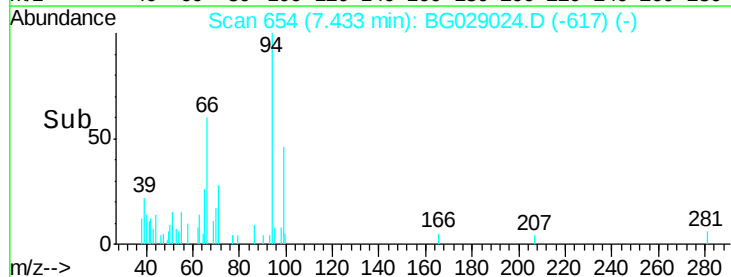
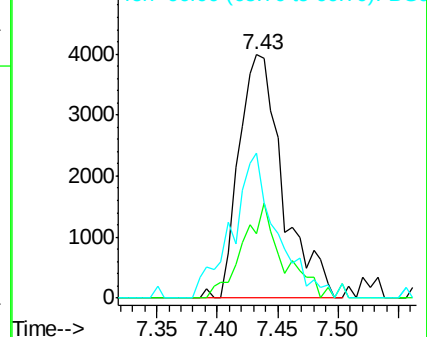
94 100

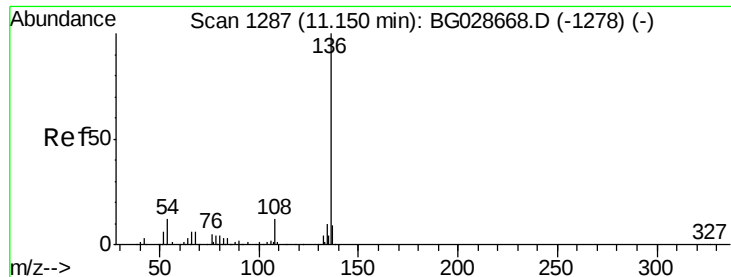
65 26.4 20.6 60.6

66 59.7 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

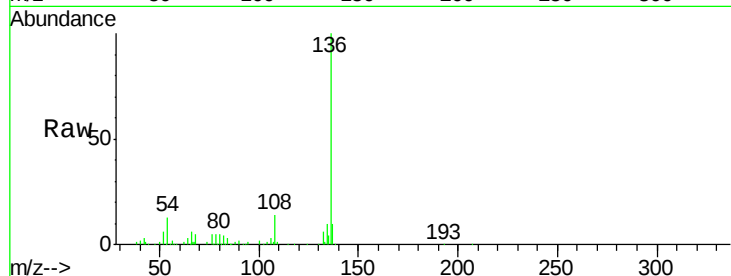




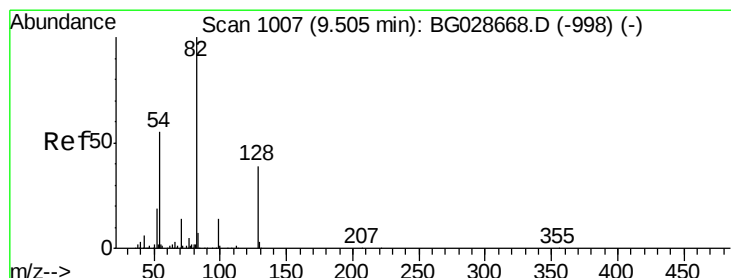
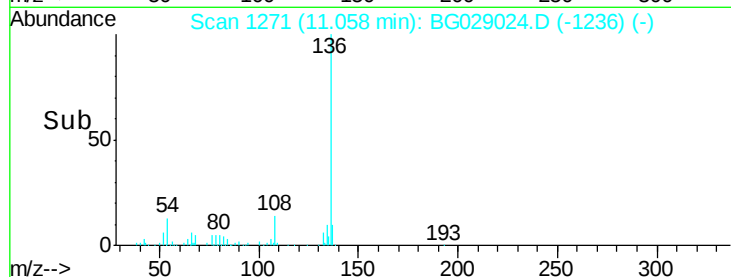
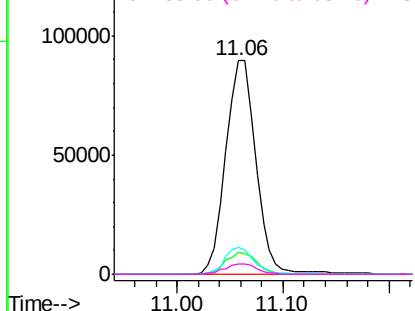
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	177841
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.9 13.3
54	12.6	9.3 13.9
68	4.8	5.1 7.7#

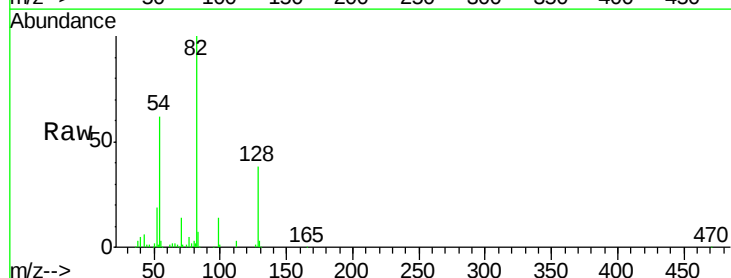


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

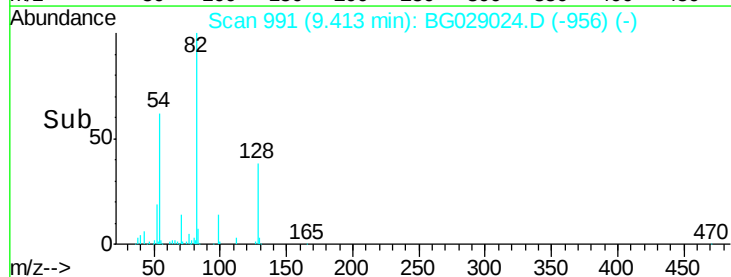
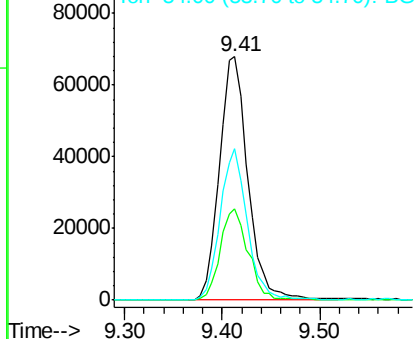


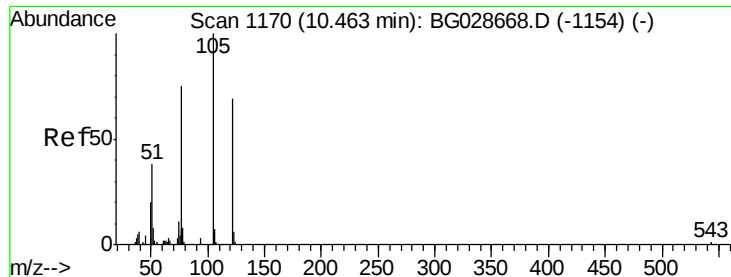
#23
Nitrobenzene-d5
Concen: 37.06 ng
RT: 9.41 min Scan# 991
Delta R.T. -0.09 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Tgt Ion: 82	Resp:	137765
Ion Ratio	Lower	Upper
82	100	
128	37.6	26.4 39.6
54	62.3	49.4 74.2



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





#32

Benzoic acid

Concen: 6.12 ng

RT: 10.49 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

Instrument :

BNA_G

ClientSampleId :

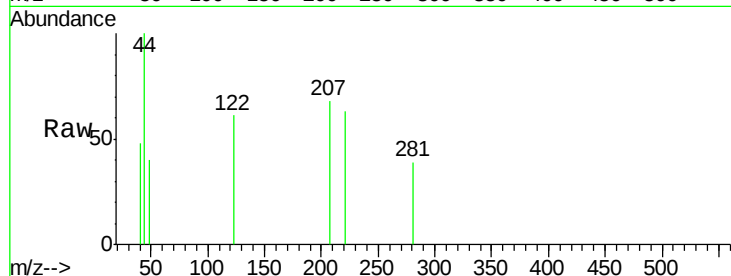
Tot Ion:122 Resp: 91

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

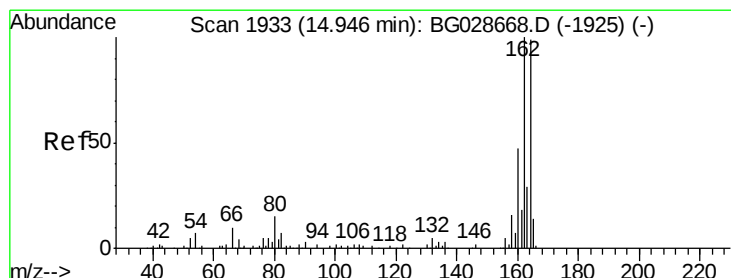
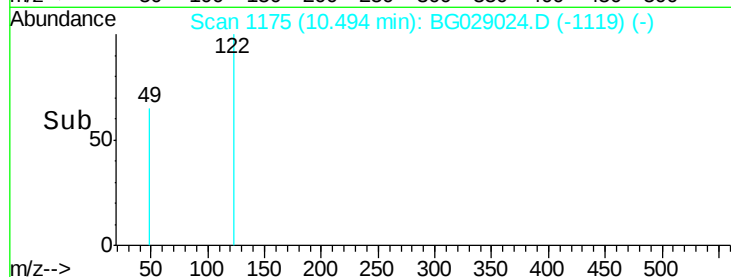
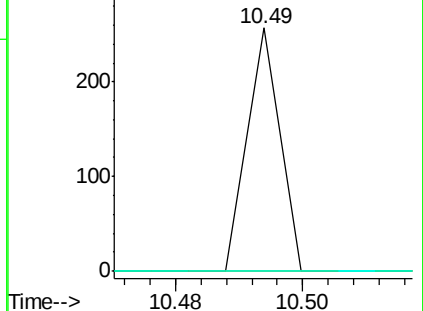
77 0.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

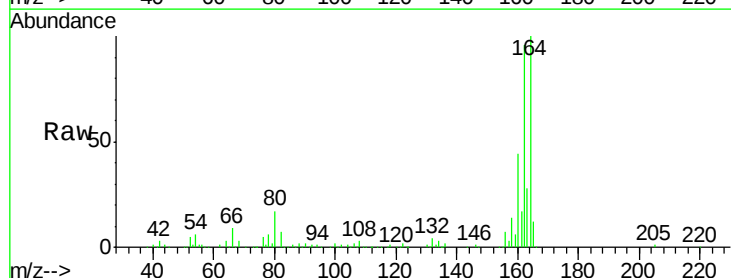
Tgt Ion:164 Resp: 127446

Ion Ratio Lower Upper

164 100

162 96.1 85.1 127.7

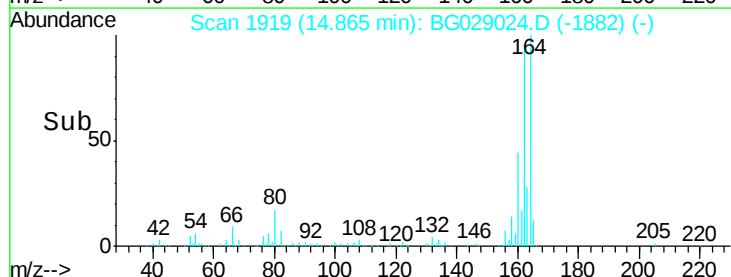
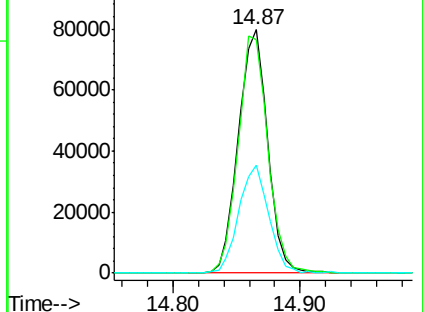
160 44.2 34.7 52.1

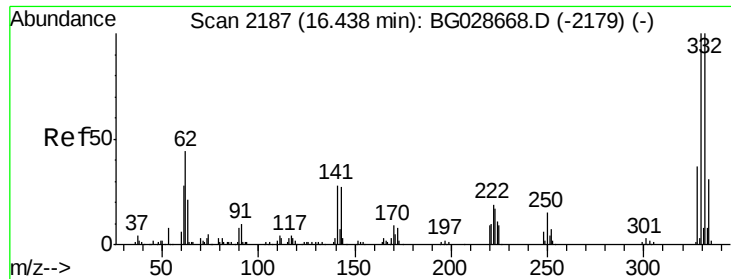


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

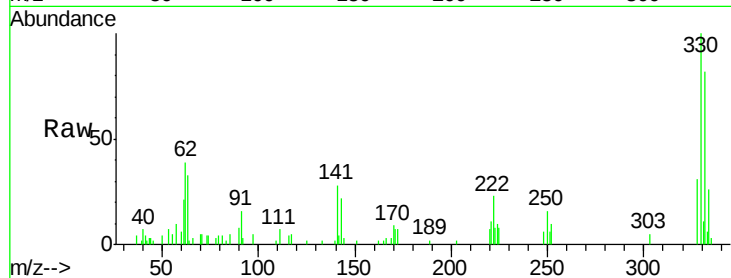




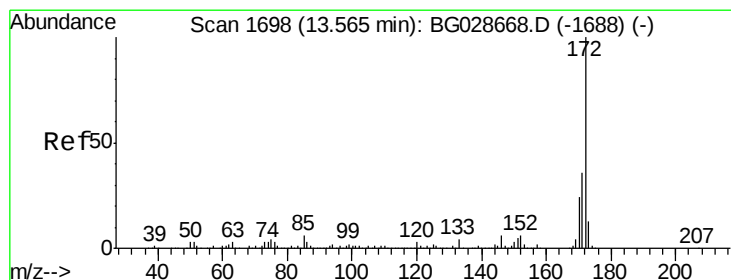
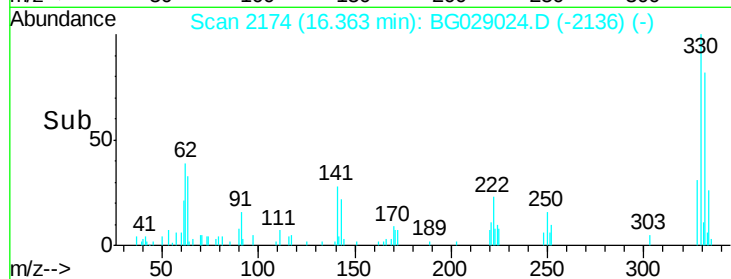
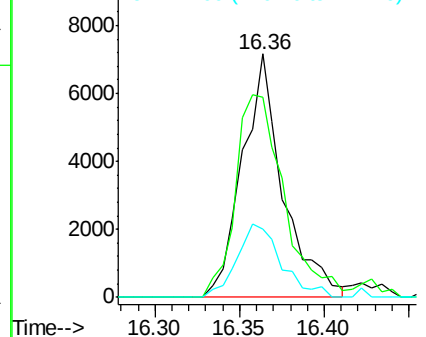
#41
 2,4,6-Tribromophenol
 Concen: 5.70 ng
 RT: 16.36 min Scan# 2174
 Delta R.T. -0.07 min
 Lab File: BG029024.D
 Acq: 4 Oct 2017 3:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	33.0	32.1	48.1

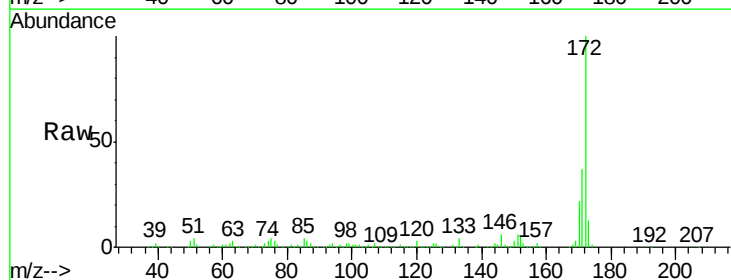


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

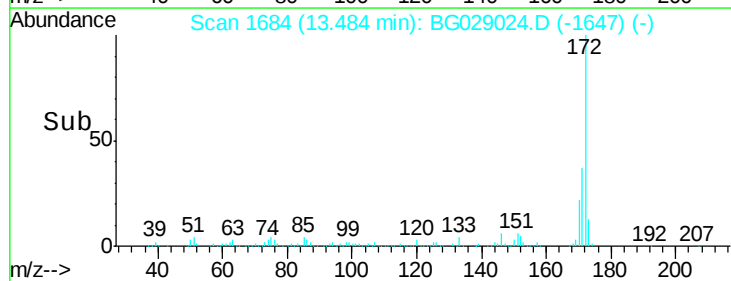
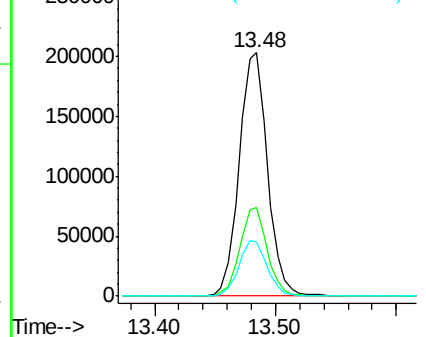


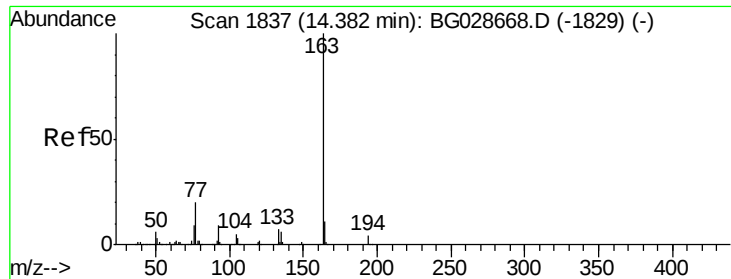
#44
 2-Fluorobiphenyl
 Concen: 34.70 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029024.D
 Acq: 4 Oct 2017 3:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	22.2	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

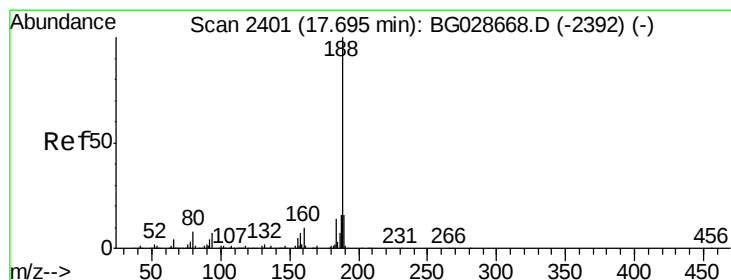
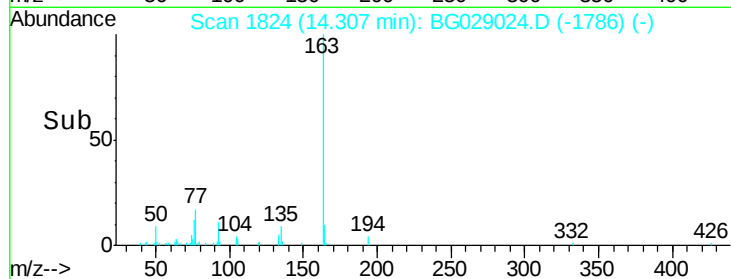
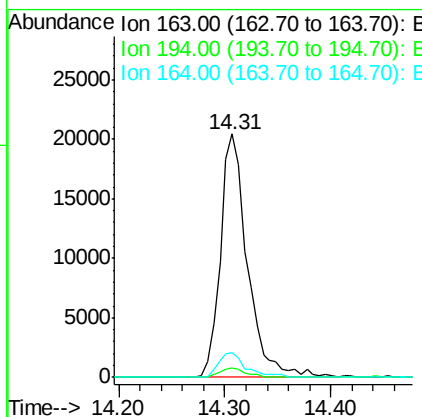
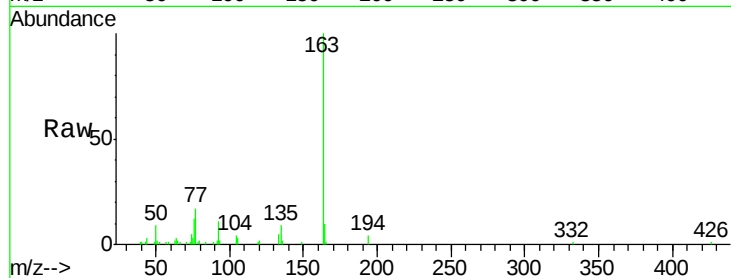




#49
Dimethylphthalate
Concen: 3.40 ng
RT: 14.31 min Scan# 1824
Delta R.T. -0.07 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

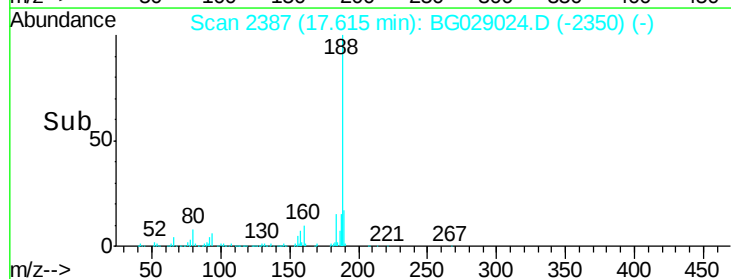
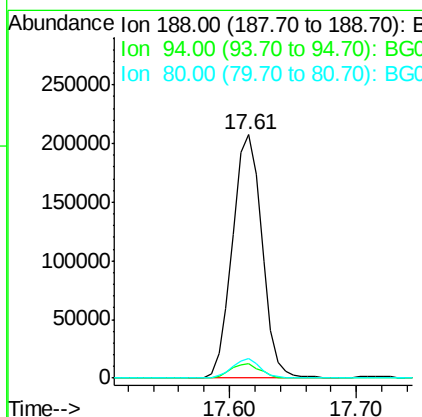
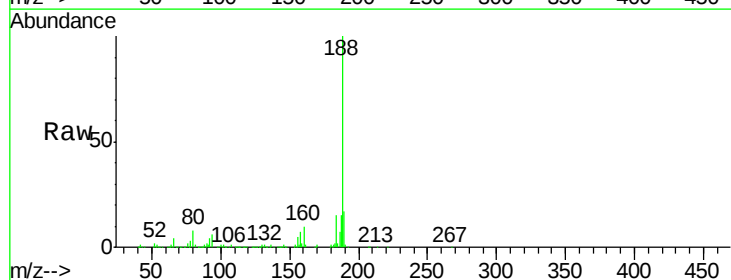
Instrument :
BNA_G
ClientSampleId :

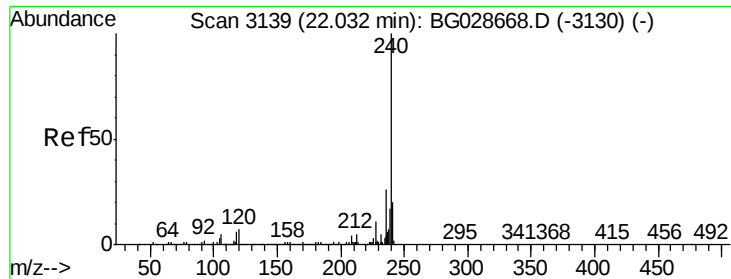
Tot Ion:163 Resp: 36322
Ion Ratio Lower Upper
163 100
194 3.6 3.8 5.6#
164 10.1 9.3 13.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Tgt Ion:188 Resp: 334920
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 8.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.10 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

Instrument :

BNA_G

ClientSampled :

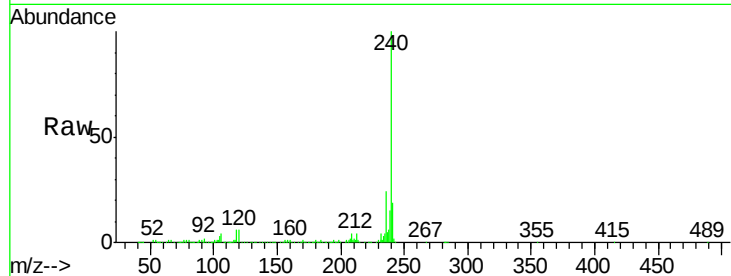
Tot Ion:240 Resp: 363388

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

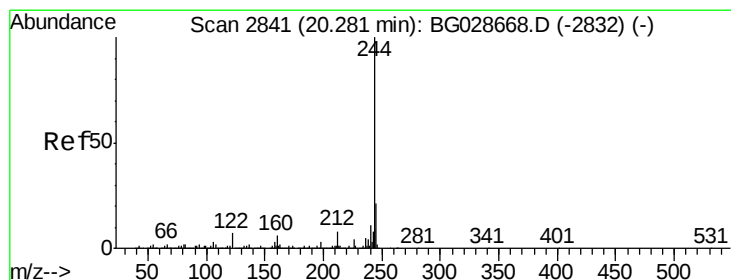
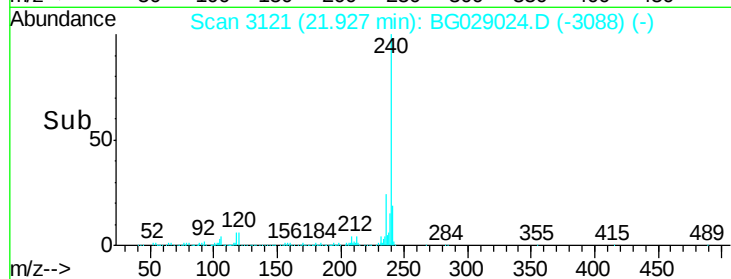
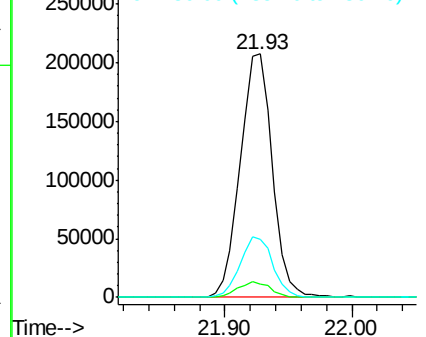
236 23.7 22.2 33.4



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: 34.71 ng

RT: 20.20 min Scan# 2827

Delta R.T. -0.08 min

Lab File: BG029024.D

Acq: 4 Oct 2017 3:53

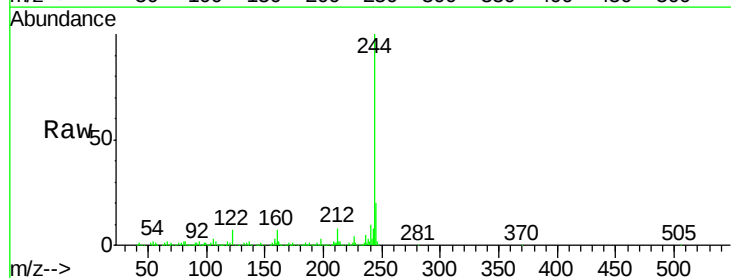
Tgt Ion:244 Resp: 591452

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

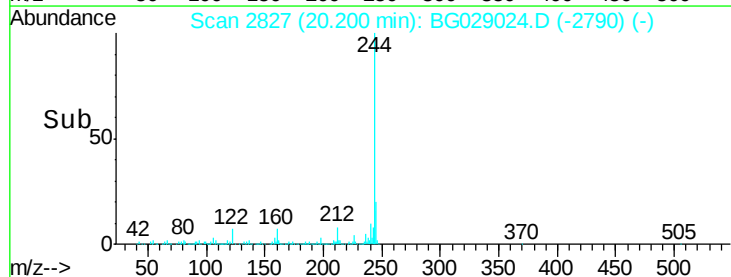
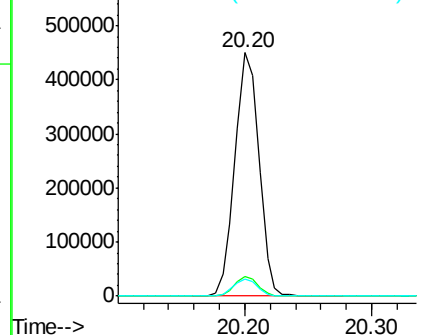
122 7.1 8.6 12.8#

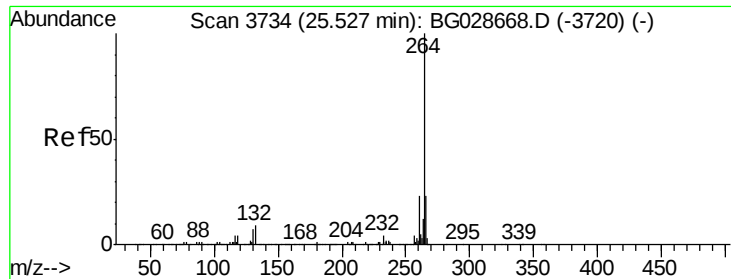


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.34 min Scan# 3702
Delta R.T. -0.19 min
Lab File: BG029024.D
Acq: 4 Oct 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	20.0	18.2	27.4

