

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037502.D
 Acq On : 24 Oct 2018 8:58
 Operator : JU/SJ
 Sample : J5604-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-VB-29736-BOX-2

Quant Time: Oct 24 09:42:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

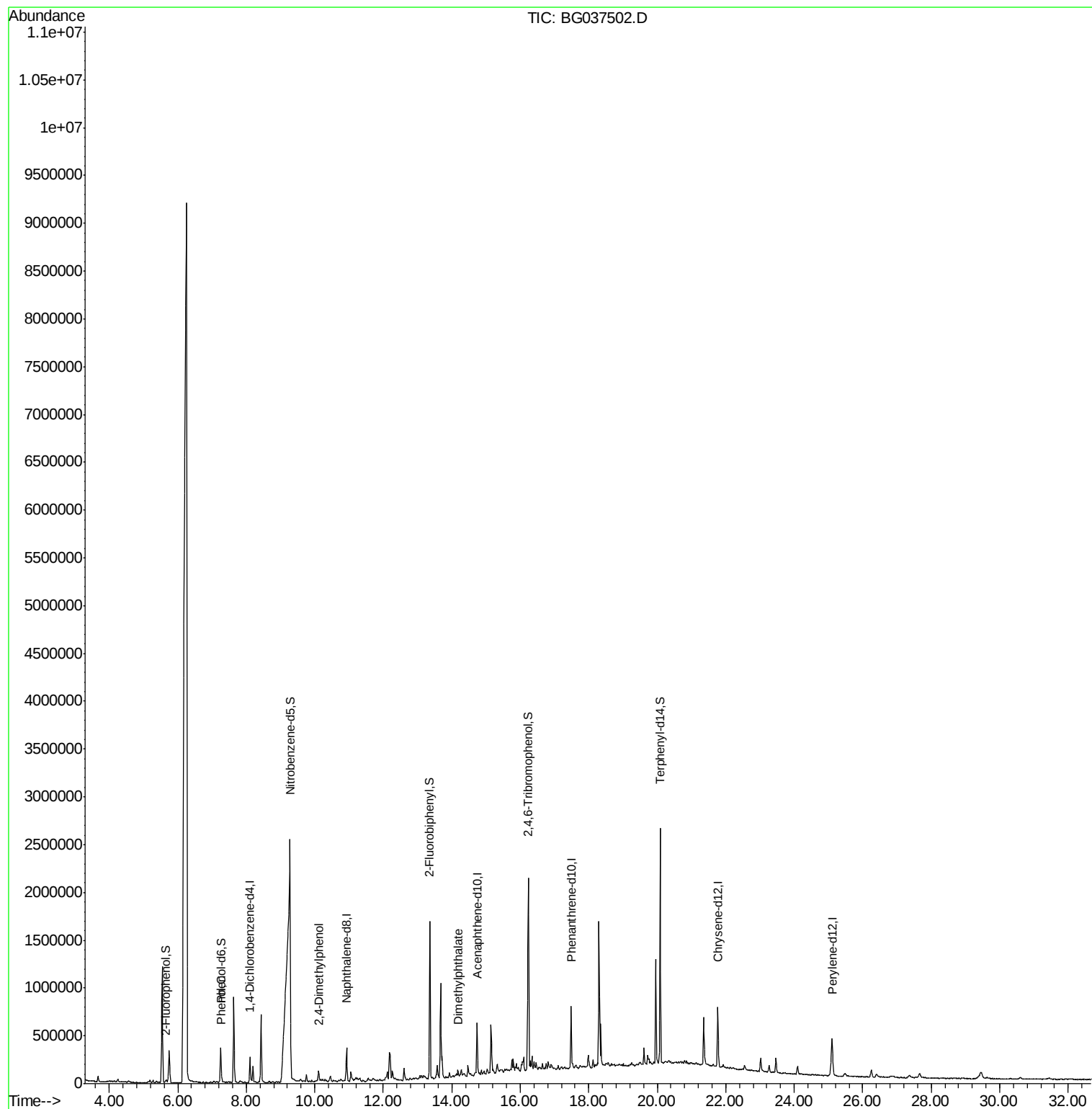
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	70925	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	313297	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	197357	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	423825	20.00	ng	0.00
76) Chrysene-d12	21.77	240	388300	20.00	ng	0.00
87) Perylene-d12	25.10	264	404953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	11776	2.78	ng	0.00
7) Phenol-d6	7.25	99	213073	33.22	ng	0.00
23) Nitrobenzene-d5	9.29	82	373207	66.73	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	226658	105.30	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	895495	68.42	ng	0.00
79) Terphenyl-d14	20.09	244	1163870	64.05	ng	0.00
Target Compounds						
10) Phenol	7.28	94	33151	4.898	ng	94
27) 2,4-Dimethylphenol	10.12	122	38493	8.237	ng	# 83
50) Dimethylphthalate	14.19	163	48220	3.158	ng	100

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

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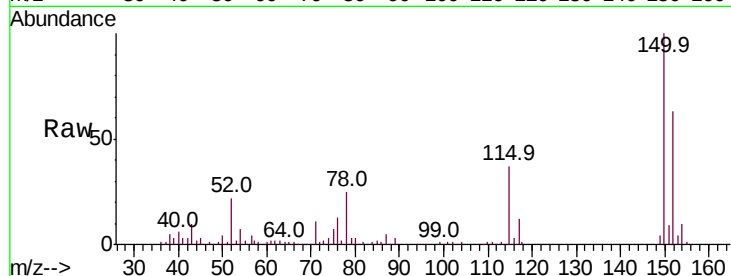


#1

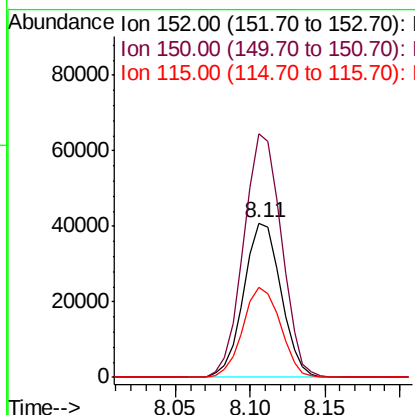
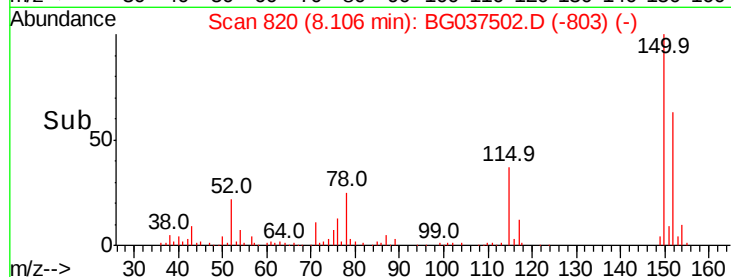
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :
MS-VB-29736-BOX-2

Tot Ion:152 Resp: 70925
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 58.0 45.5 68.3



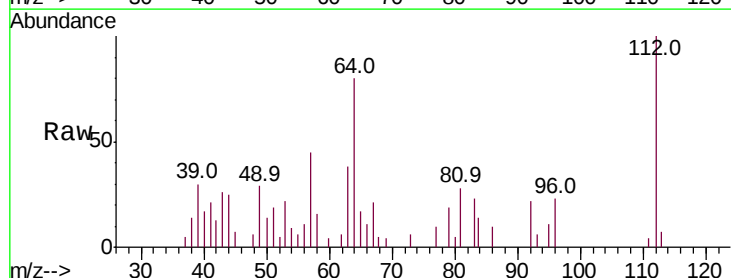
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



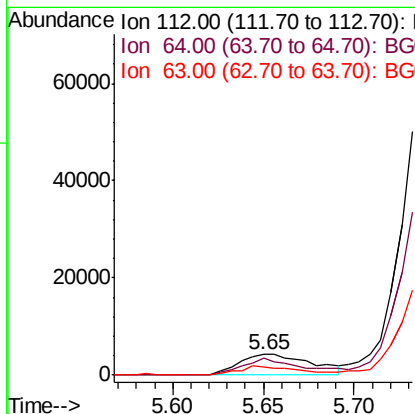
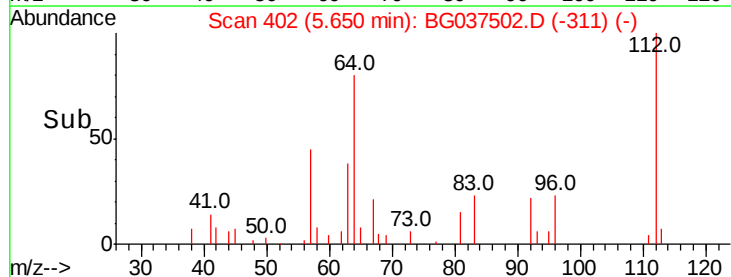
#5

2-Fluorophenol
Concen: 2.776 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:112 Resp: 11776
Ion Ratio Lower Upper
112 100
64 79.5 53.1 79.7
63 37.9 27.3 40.9



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





#7

Phenol-d6

Concen: 33.215 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037502.D

Acq: 24 Oct 2018 8:58

Instrument :

BNA_G

ClientSampleId :

MS-VB-29736-BOX-2

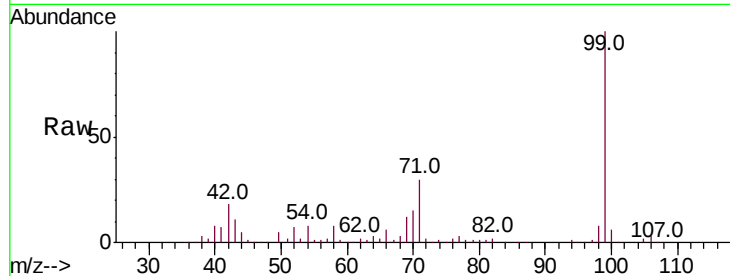
Tot Ion: 99 Resp: 213073

Ion Ratio Lower Upper

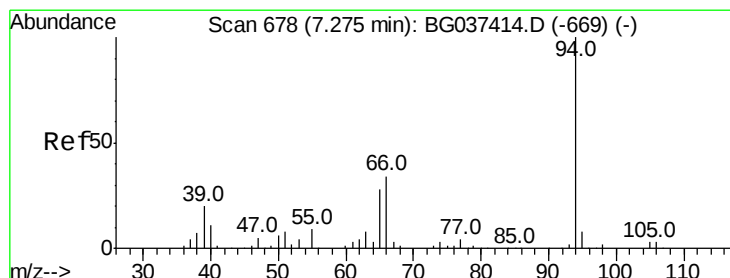
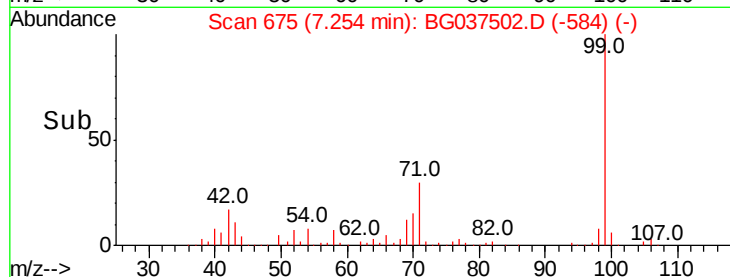
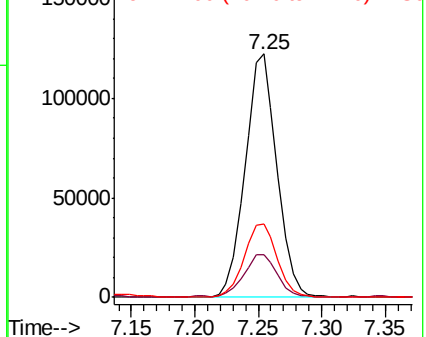
99 100

42 17.7 15.0 22.4

71 30.1 25.5 38.3



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: 4.898 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037502.D

Acq: 24 Oct 2018 8:58

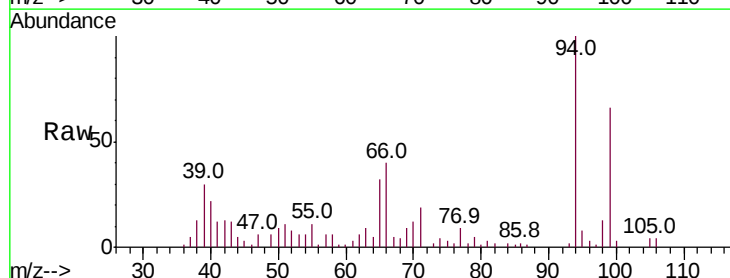
Tgt Ion: 94 Resp: 33151

Ion Ratio Lower Upper

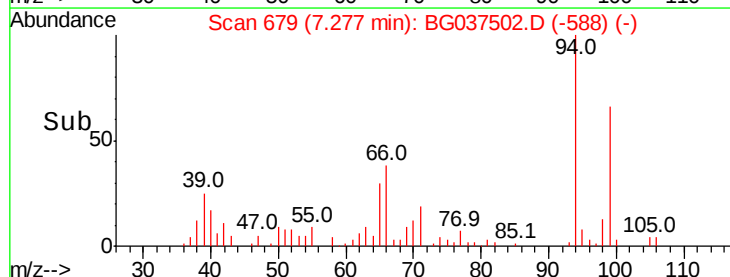
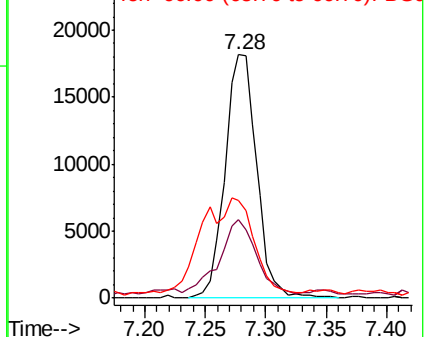
94 100

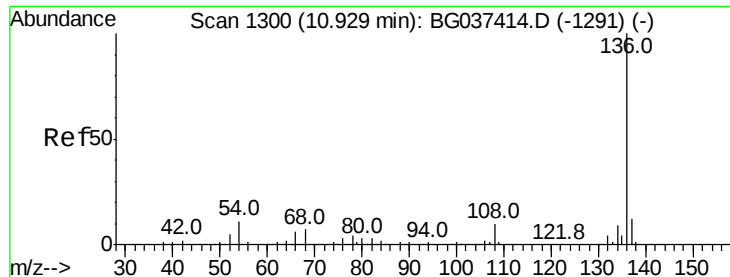
65 32.1 9.7 49.7

66 40.1 15.9 55.9



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

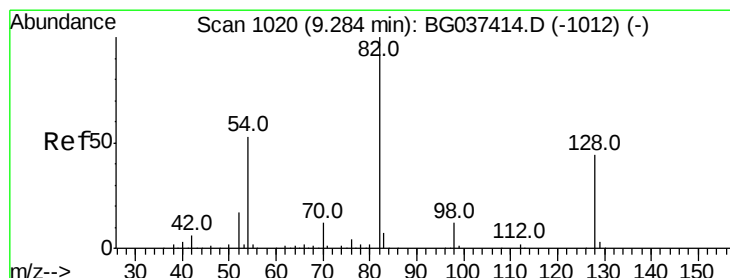
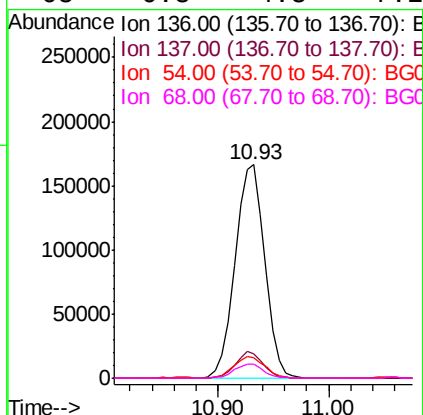
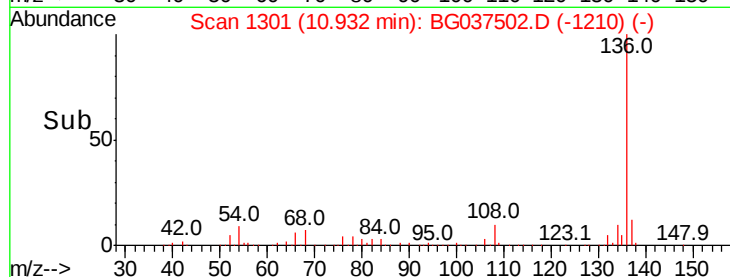
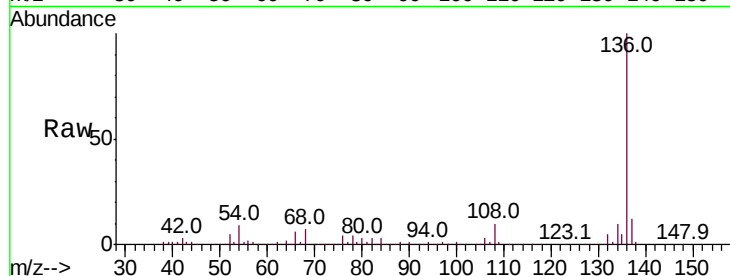




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

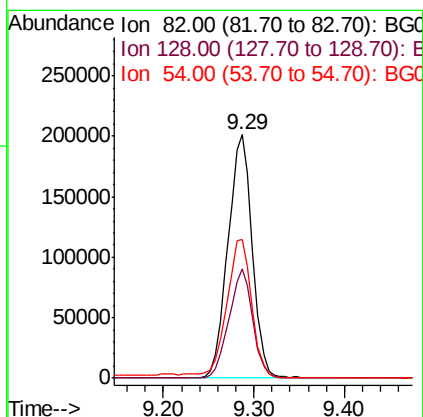
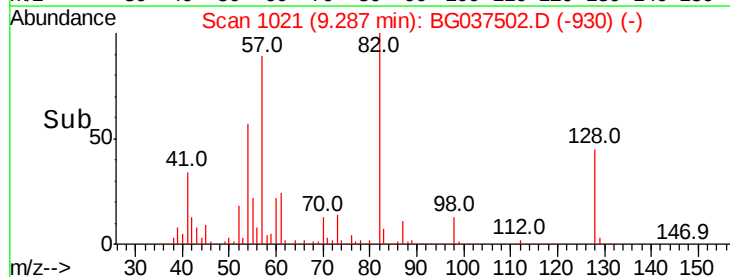
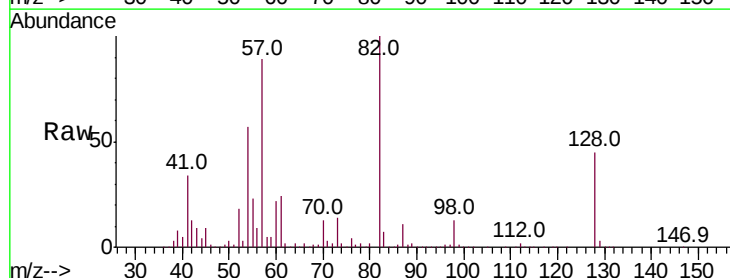
Instrument :
BNA_G
ClientSampleId :
MS-VB-29736-BOX-2

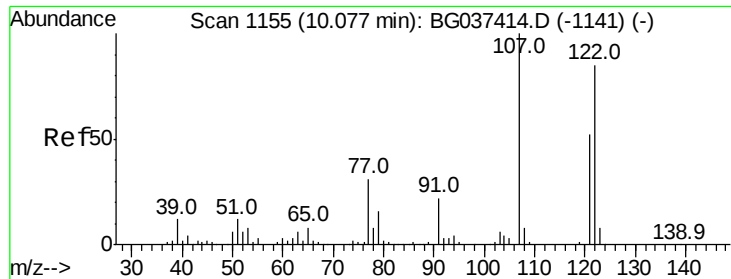
Tot Ion:136	Resp:	313297
Ion Ratio	Lower	Upper
136 100		
137 11.6	9.6	14.4
54 9.4	7.9	11.9
68 6.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 66.731 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion: 82	Resp: 373207
Ion Ratio	Lower Upper
82 100	
128 44.9	34.6 51.8
54 57.0	45.3 67.9

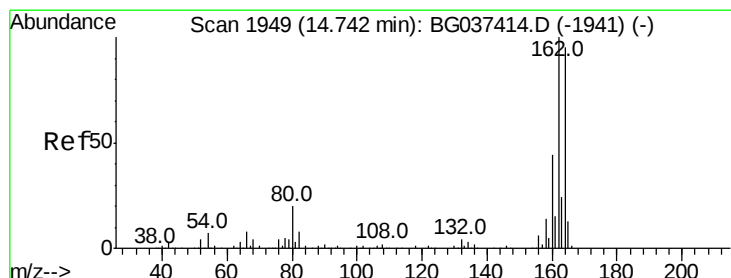
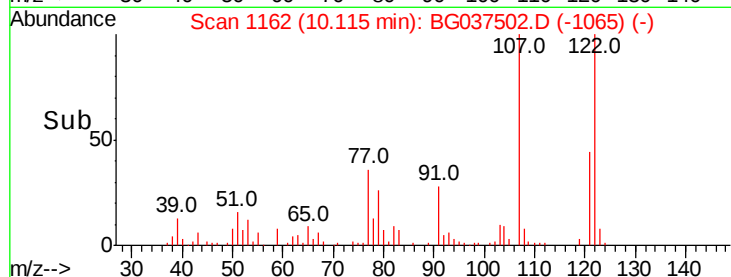
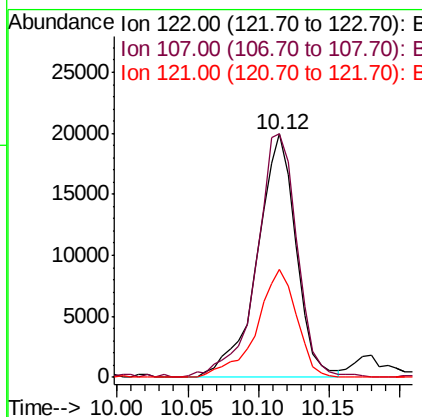
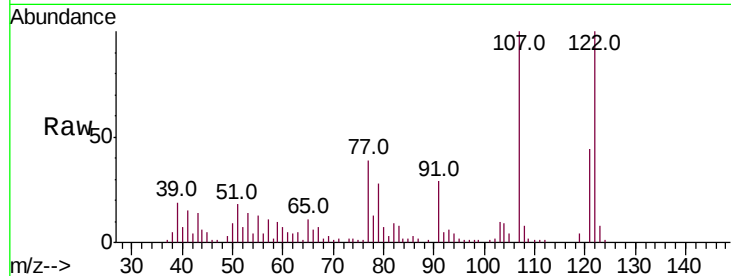




#27
2,4-Dimethylphenol
Concen: 8.237 ng
RT: 10.12 min Scan# 1162
Delta R.T. 0.04 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

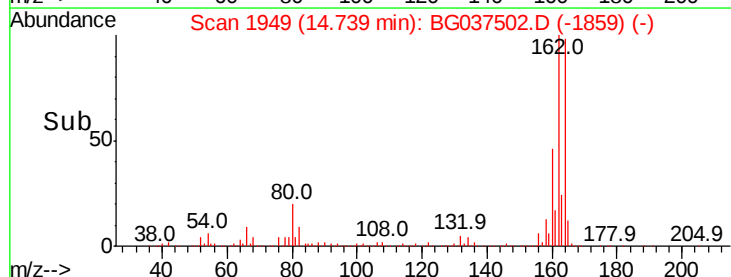
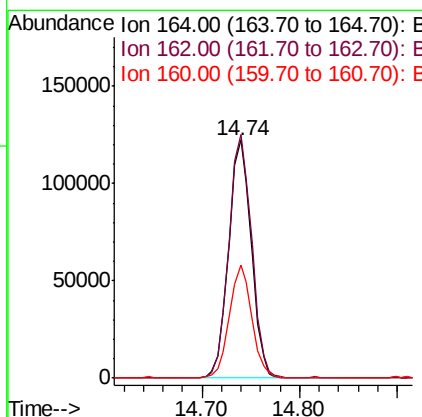
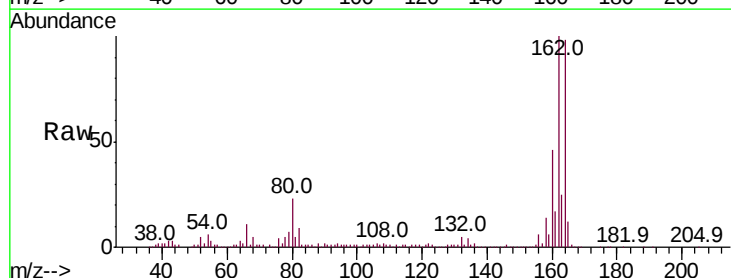
Instrument :
BNA_G
ClientSampleId :
MS-VB-29736-BOX-2

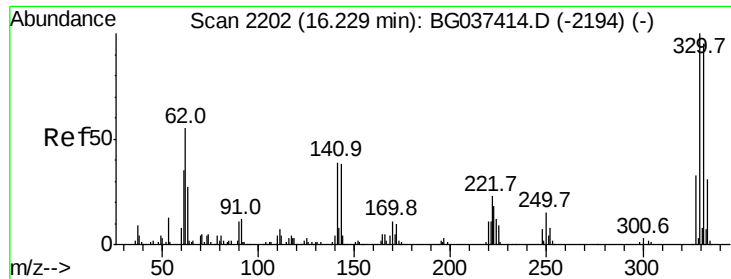
Tot Ion:122 Resp: 38493
Ion Ratio Lower Upper
122 100
107 100.1 94.2 141.2
121 44.3 47.3 70.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Tgt Ion:164 Resp: 197357
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 47.2 36.3 54.5

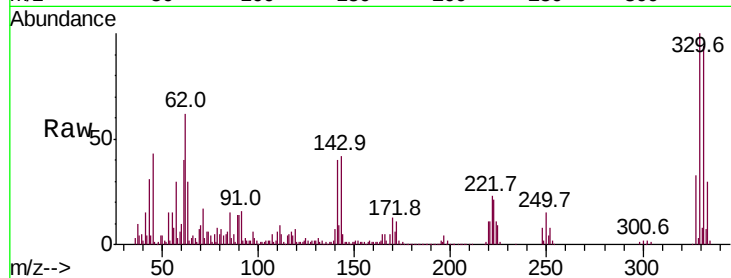




#42
 2,4,6-Tribromophenol
 Concen: 105.297 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037502.D
 Acq: 24 Oct 2018 8:58

Instrument :
 BNA_G
 ClientSampleId :
 MS-VB-29736-BOX-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	43.1	32.2	48.2

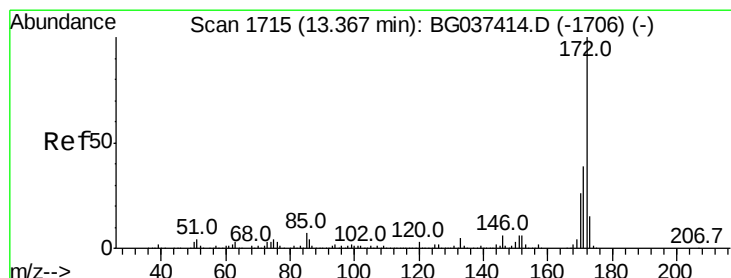
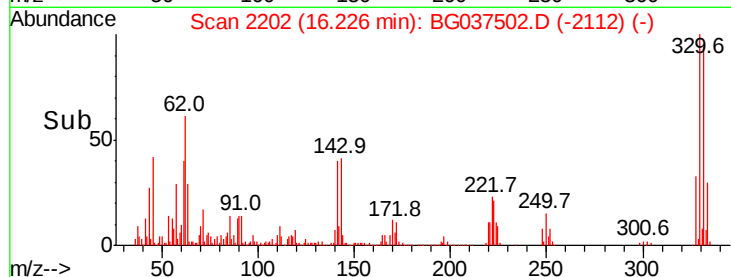
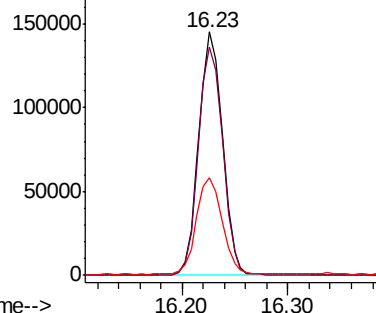


Abundance

Ion 329.80 (329.50 to 330.50): E

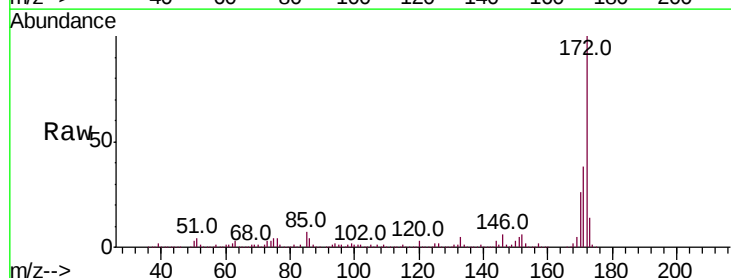
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.422 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037502.D
 Acq: 24 Oct 2018 8:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.7	20.2	30.2

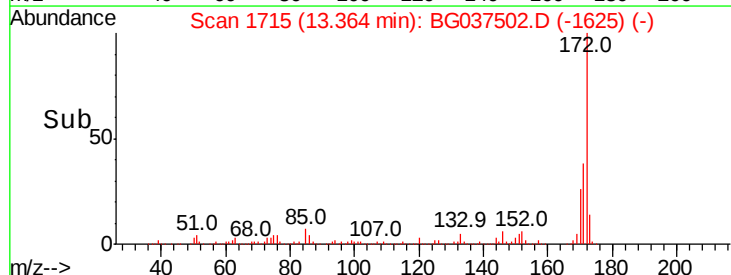
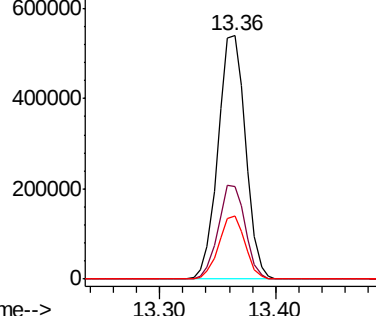


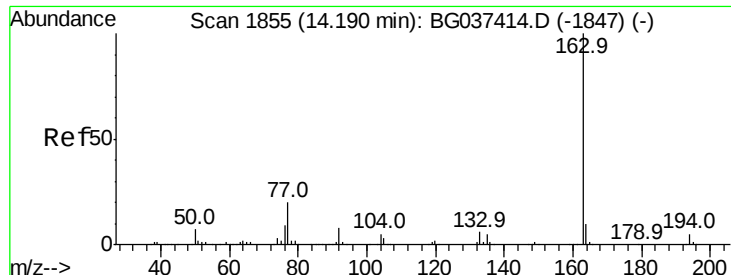
Abundance

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





#50

Dimethylphthalate

Concen: 3.158 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037502.D

Acq: 24 Oct 2018 8:58

Instrument :

BNA_G

ClientSampleId :

MS-VB-29736-BOX-2

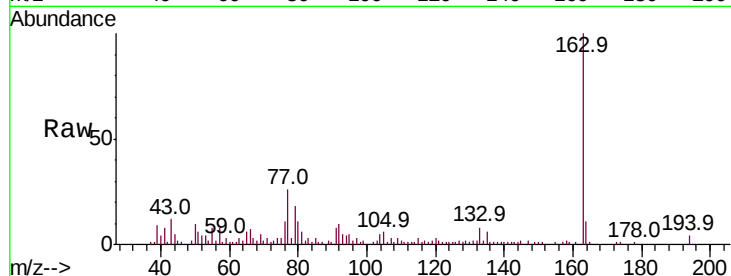
Tot Ion:163 Resp: 48220

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

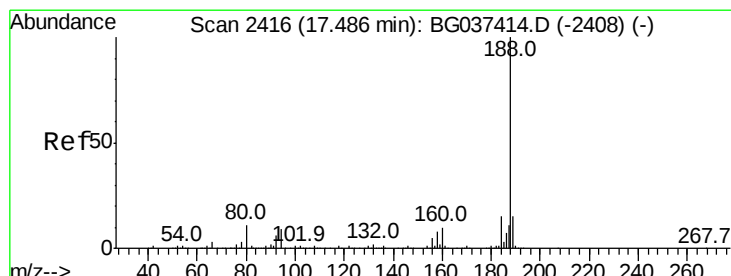
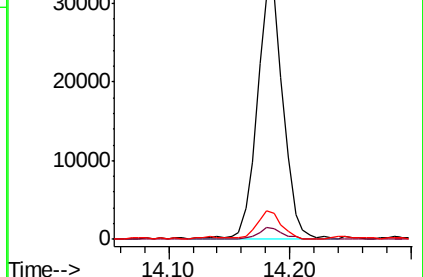
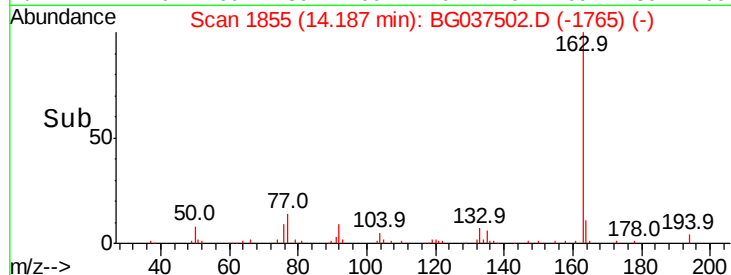
164 10.6 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037502.D

Acq: 24 Oct 2018 8:58

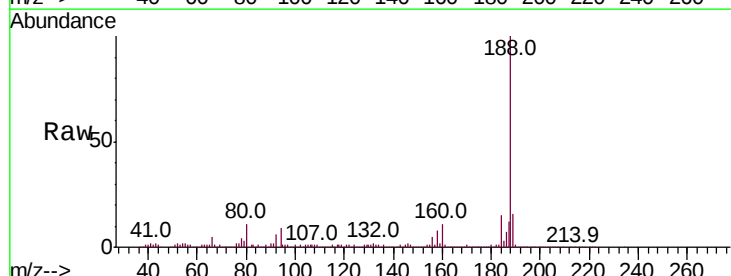
Tgt Ion:188 Resp: 423825

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

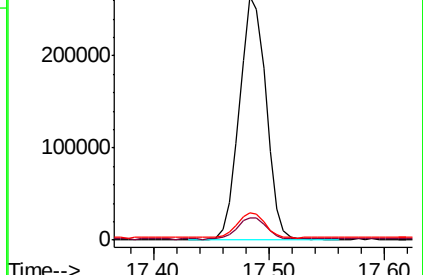
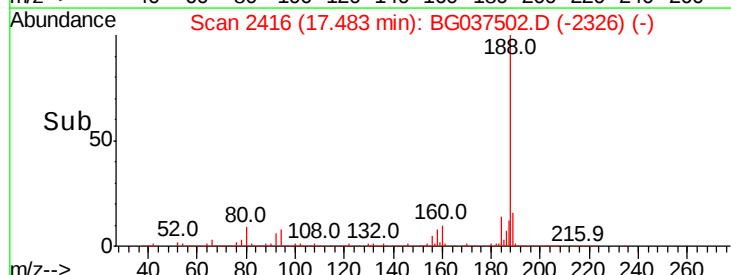
80 11.3 7.7 11.5

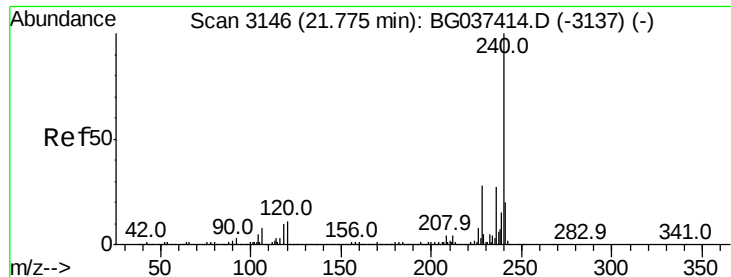


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037502.D

Acq: 24 Oct 2018 8:58

Instrument :

BNA_G

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MS-VB-29736-BOX-2

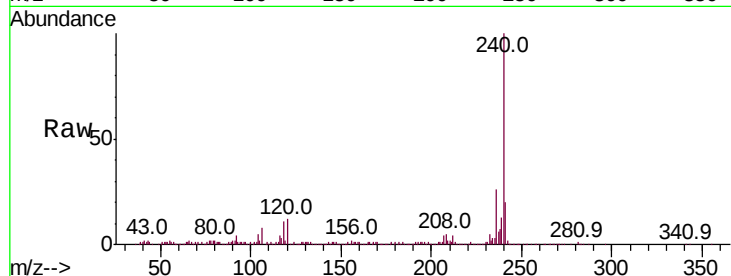
Tot Ion:240 Resp: 388300

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

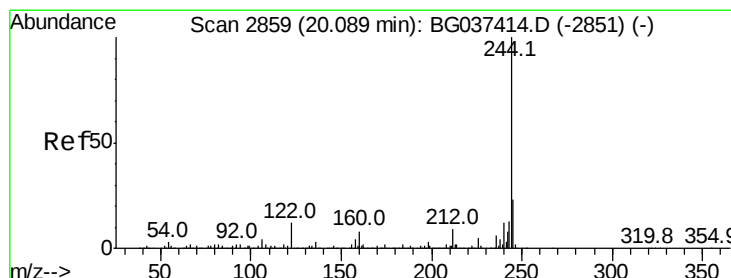
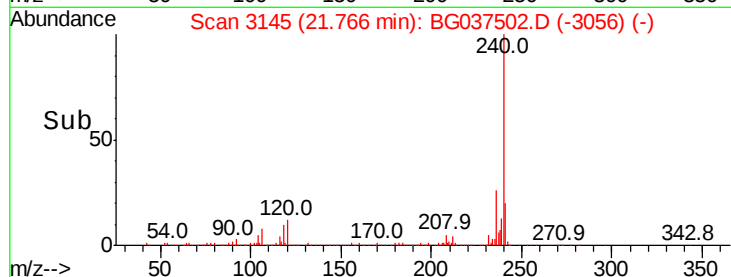
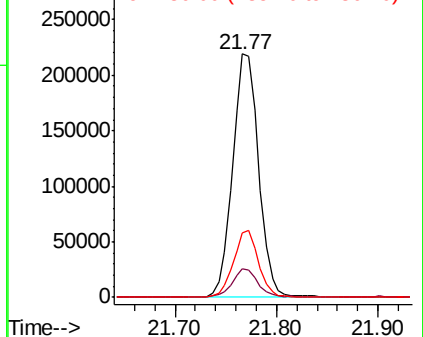
236 26.3 21.4 32.0



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



#79

Terphenyl-d14

Concen: 64.046 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037502.D

Acq: 24 Oct 2018 8:58

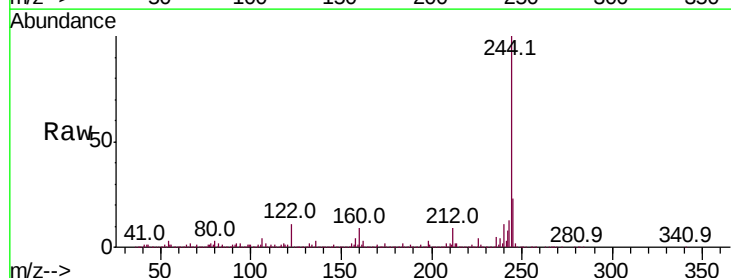
Tgt Ion:244 Resp: 1163870

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

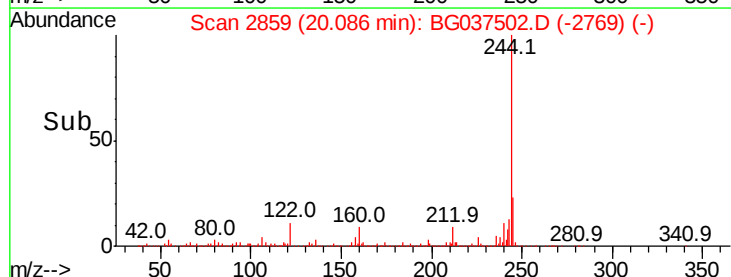
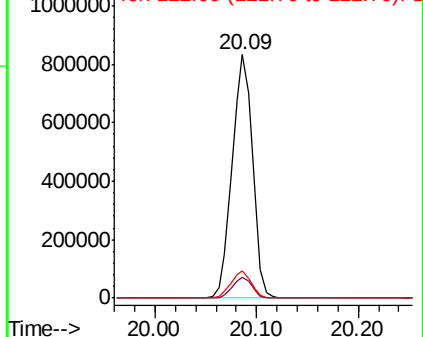
122 11.1 9.0 13.4

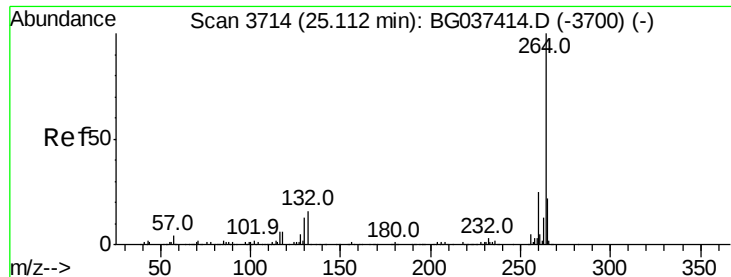


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037502.D
Acq: 24 Oct 2018 8:58

Instrument :
BNA_G
ClientSampleId :
MS-VB-29736-BOX-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.4	17.9	26.9

