

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037819.D
 Acq On : 6 Nov 2018 1:35
 Operator : JU/SJ
 Sample : J5812-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-A

Quant Time: Nov 06 05:47:54 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

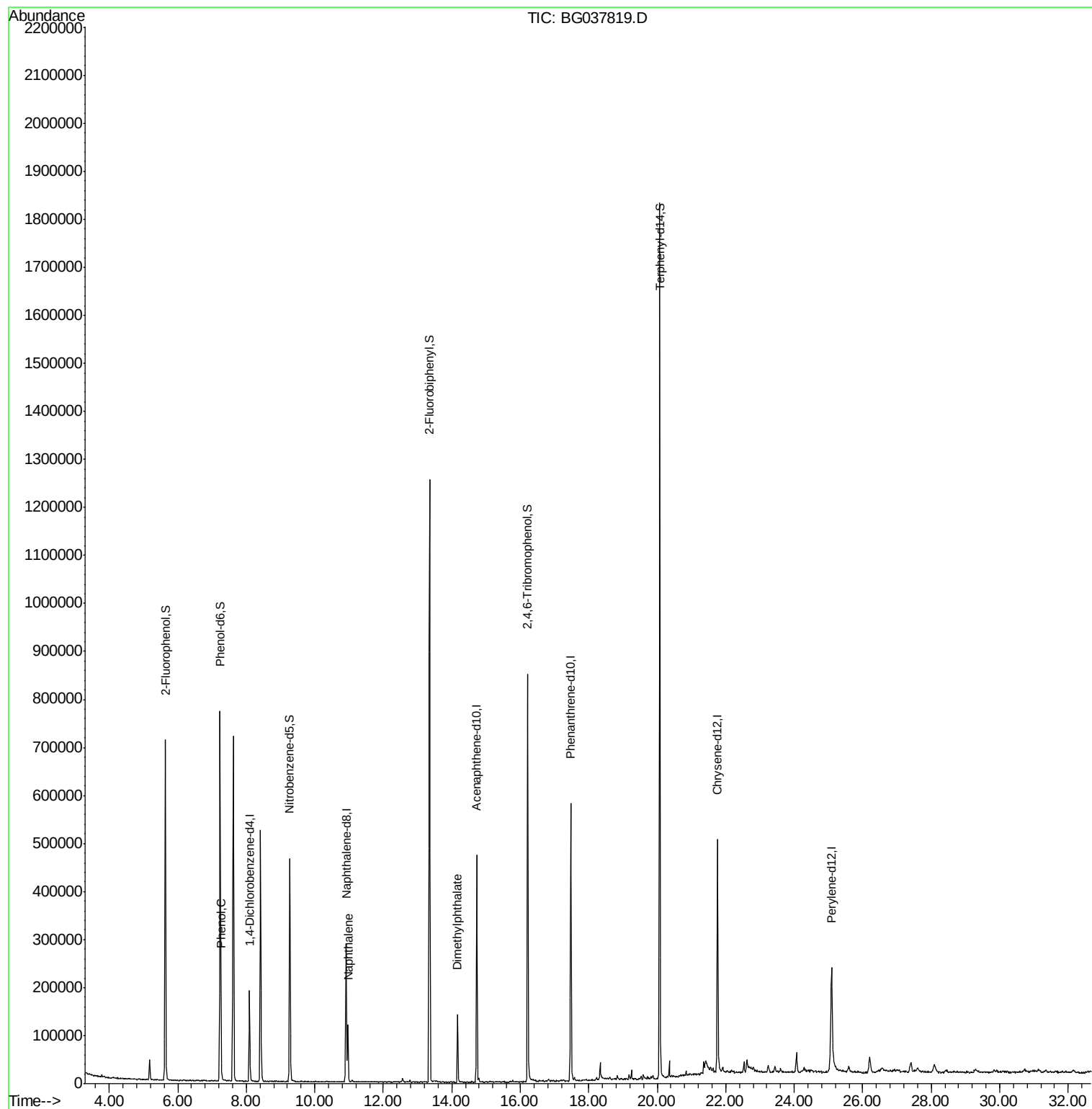
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57020	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	263240	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	171942	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	371364	20.00	ng	0.00
76) Chrysene-d12	21.76	240	325986	20.00	ng	-0.01
87) Perylene-d12	25.09	264	308799	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	340965	99.97	ng	0.00
7) Phenol-d6	7.24	99	508382	98.58	ng	0.00
23) Nitrobenzene-d5	9.27	82	301847	64.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	162895	86.86	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	705339	61.86	ng	-0.01
79) Terphenyl-d14	20.07	244	928240	60.84	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	24516	4.505	ng	96
31) Naphthalene	10.97	128	107329	8.301	ng	98
50) Dimethylphthalate	14.17	163	103079	7.749	ng	98

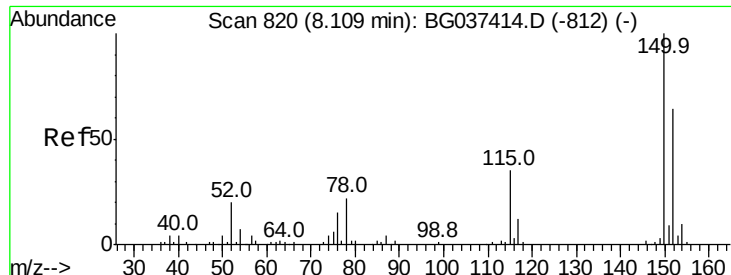
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

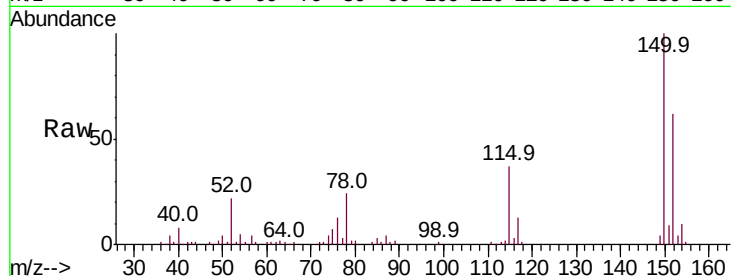
Tot Ion:152 Resp: 57020

Ion Ratio Lower Upper

152 100

150 162.4 126.0 189.0

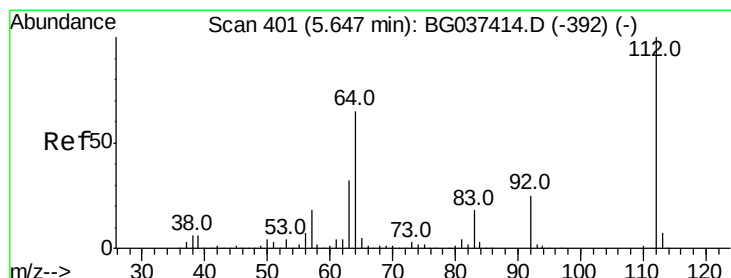
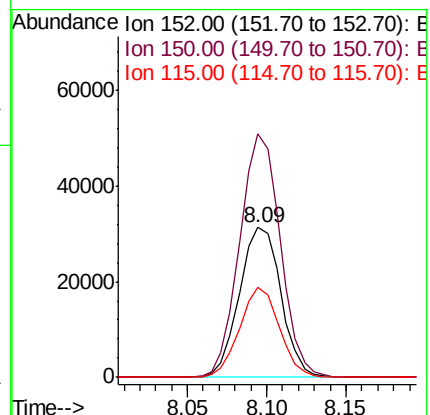
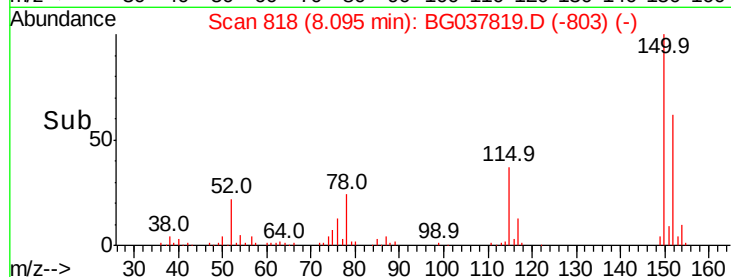
115 59.8 45.5 68.3



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: 99.973 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

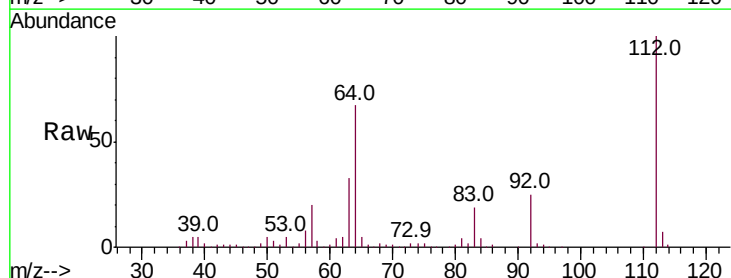
Tgt Ion:112 Resp: 340965

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

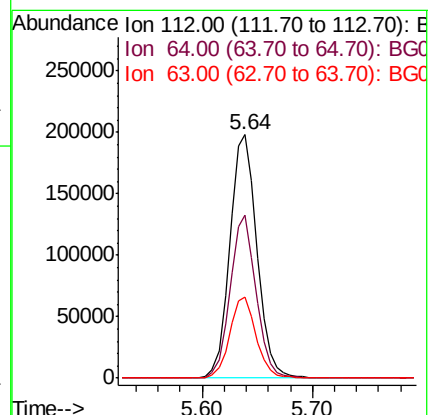
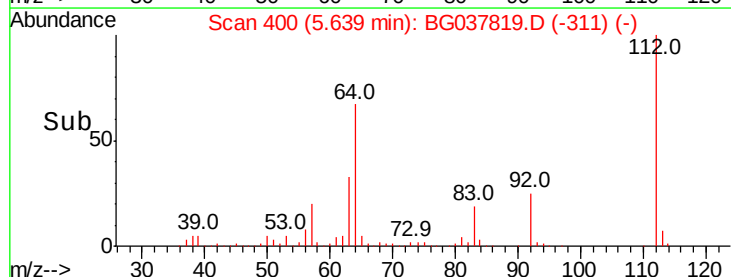
63 33.5 27.3 40.9

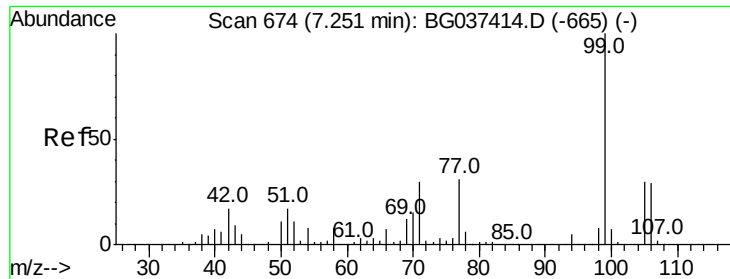


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.577 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

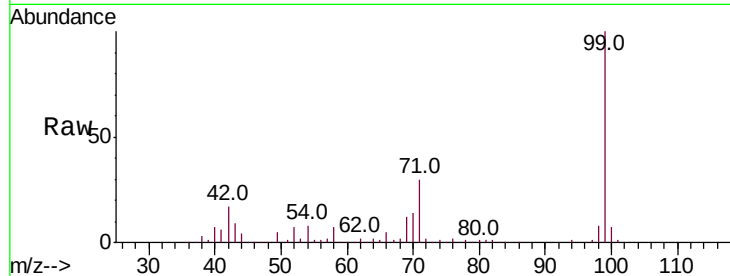
Tot Ion: 99 Resp: 508382

Ion Ratio Lower Upper

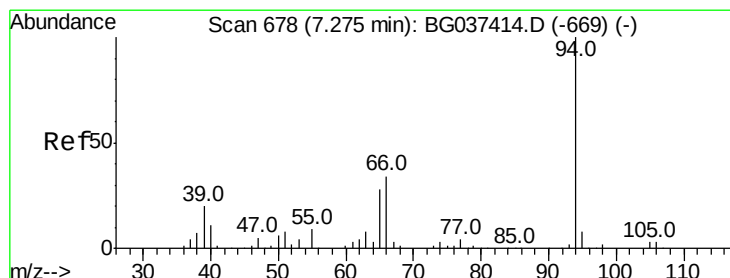
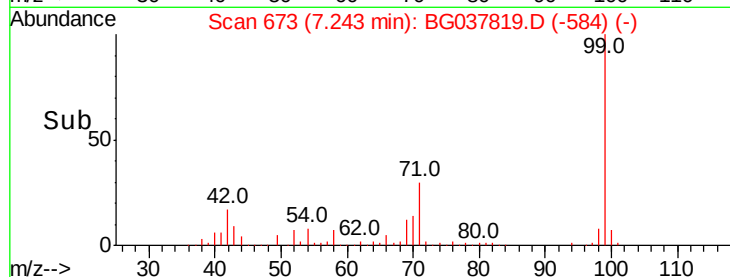
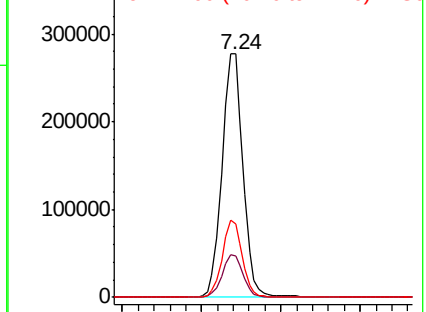
99 100

42 16.8 15.0 22.4

71 30.2 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: 4.505 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

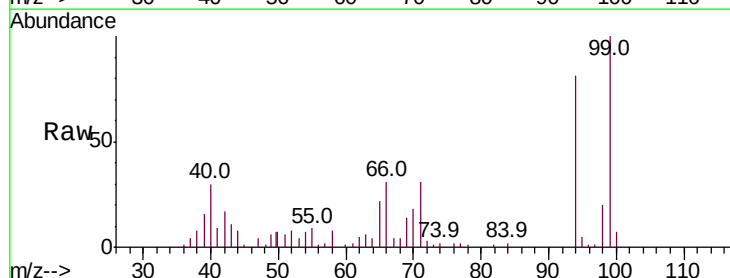
Tgt Ion: 94 Resp: 24516

Ion Ratio Lower Upper

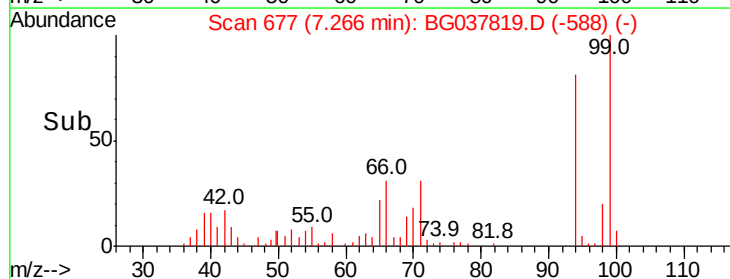
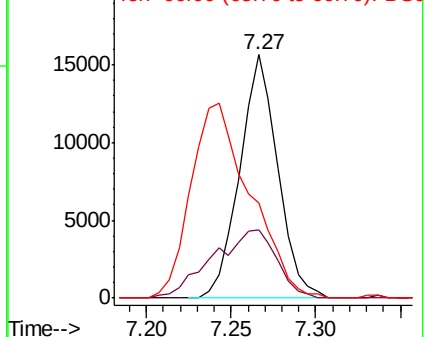
94 100

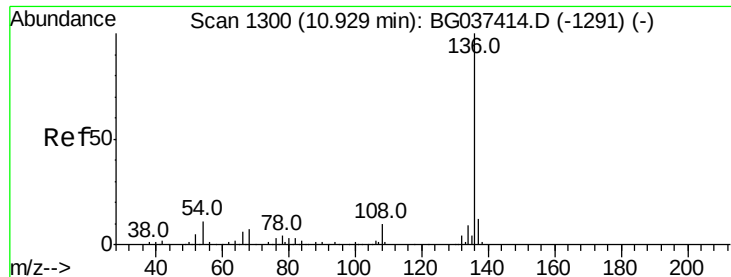
65 27.9 9.7 49.7

66 38.9 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

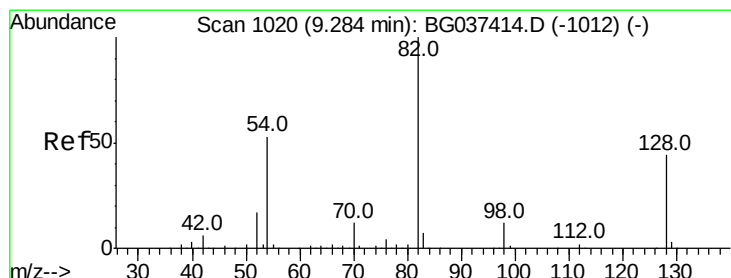
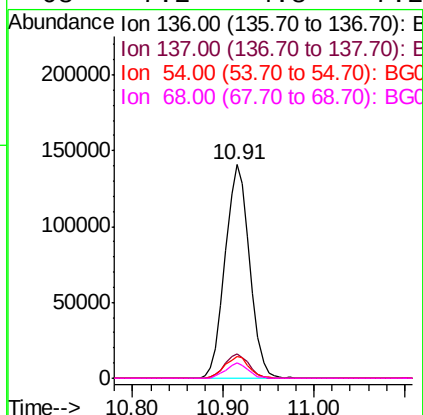
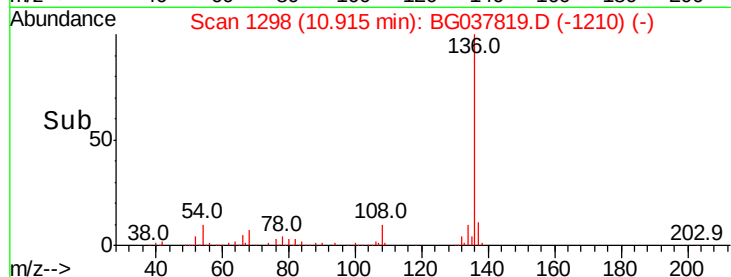
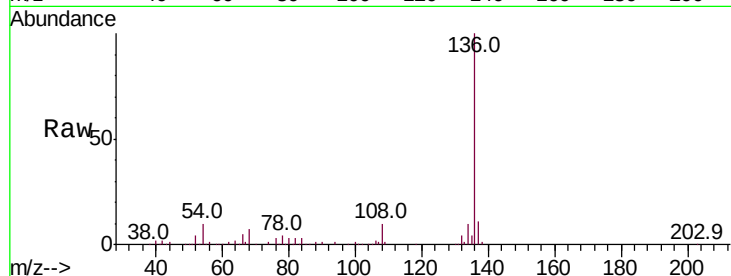




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

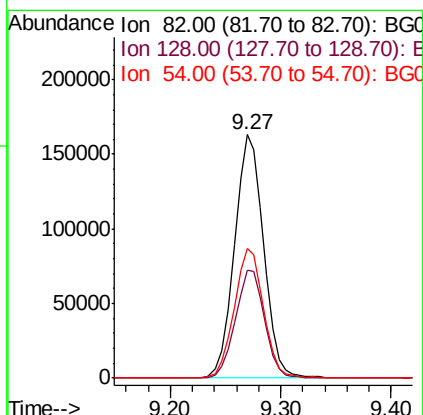
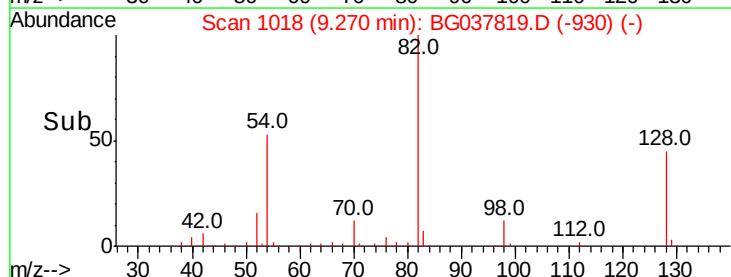
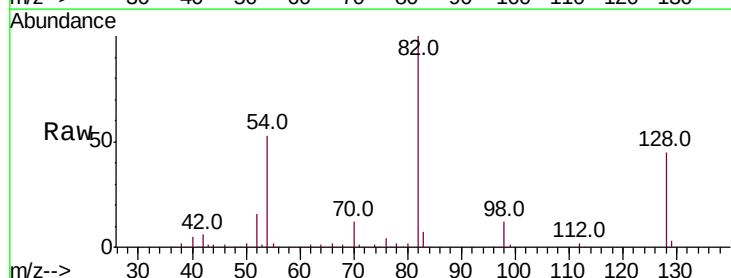
Instrument :
BNA_G
ClientSampleId :
TP3-A

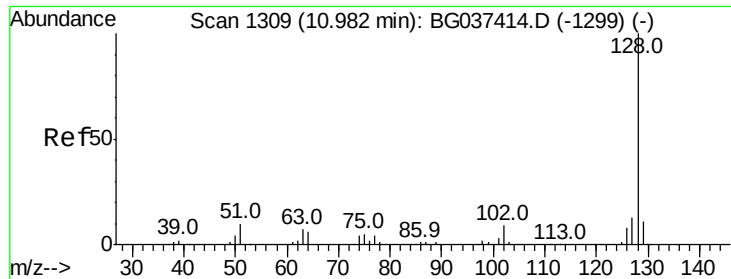
Tot Ion:136	Resp:	263240	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.6	14.4	
54 10.4	7.9	11.9	
68 7.2	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 64.235 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Tgt Ion: 82	Resp: 301847
Ion Ratio	Lower Upper
82 100	
128 44.6	34.6 51.8
54 53.2	45.3 67.9

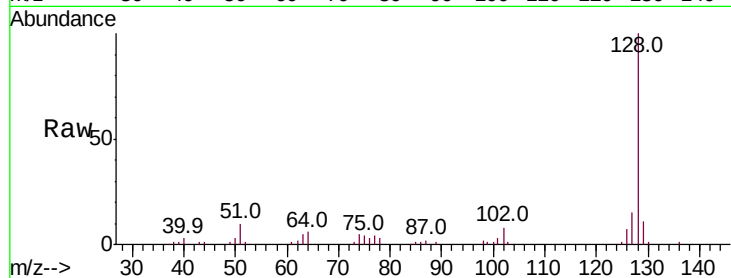




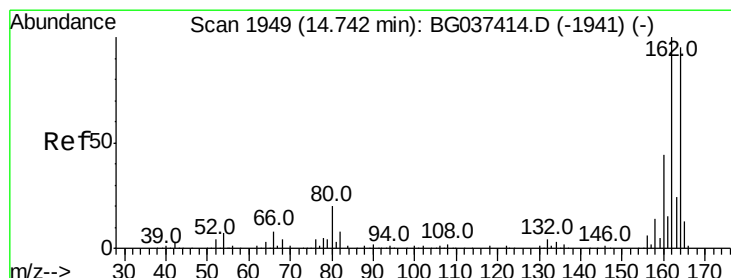
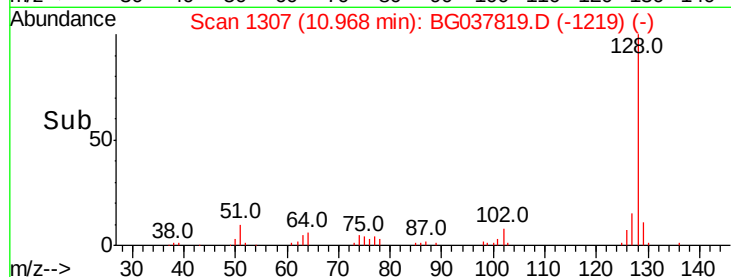
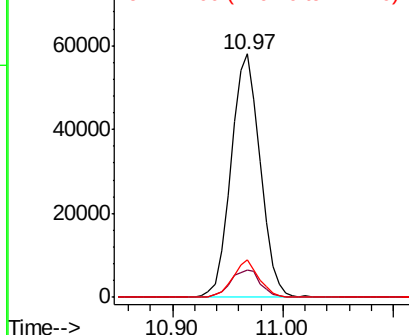
#31
Naphthalene
Concen: 8.301 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Instrument :
BNA_G
ClientSampleId :
TP3-A

Tot Ion:128 Resp: 107329
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 15.4 11.1 16.7

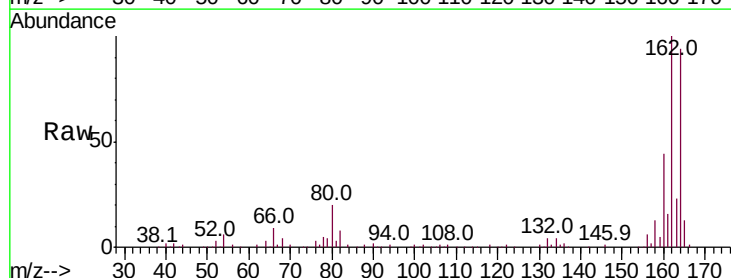


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

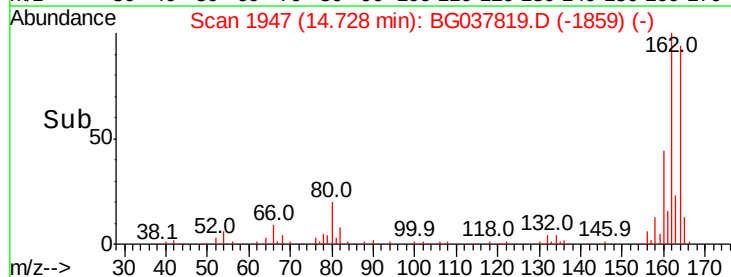
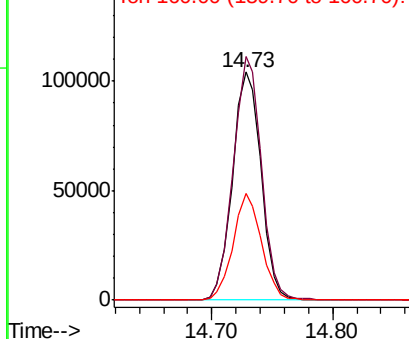


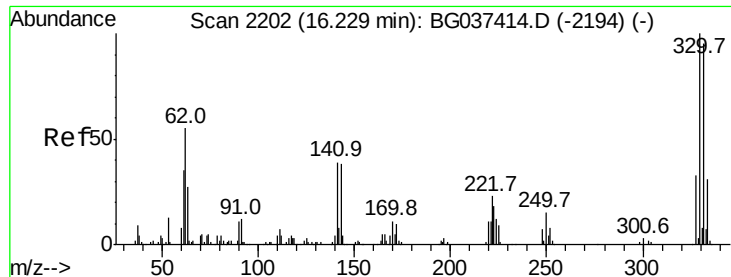
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Tgt Ion:164 Resp: 171942
Ion Ratio Lower Upper
164 100
162 106.7 81.3 121.9
160 47.0 36.3 54.5



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

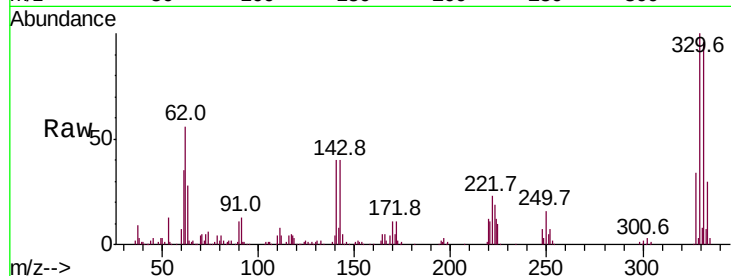




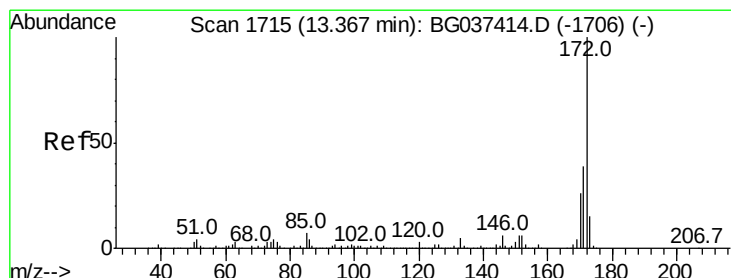
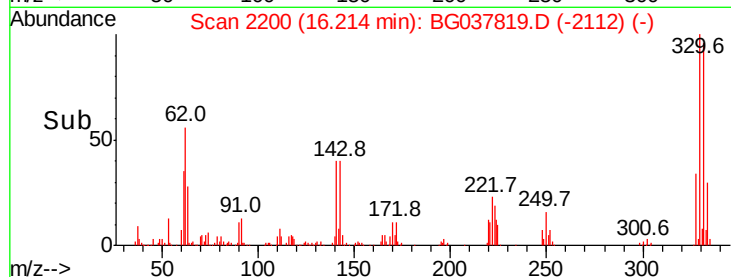
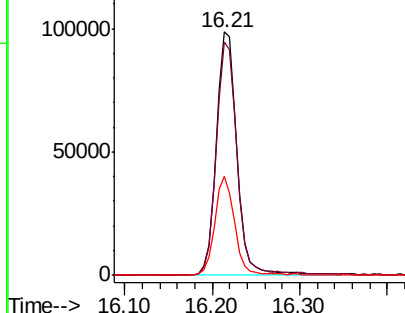
#42
 2,4,6-Tribromophenol
 Concen: 86.861 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037819.D
 Acq: 6 Nov 2018 1:35

Instrument :
 BNA_G
 ClientSampled :
 TP3-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	38.5	32.2	48.2

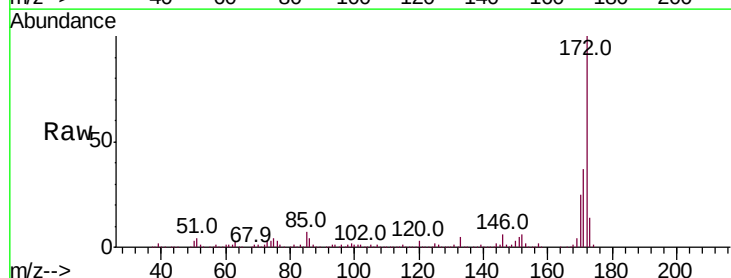


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

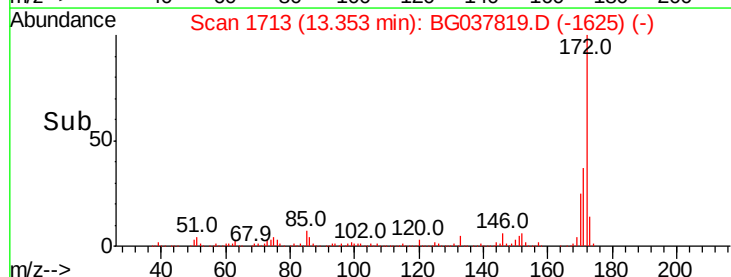
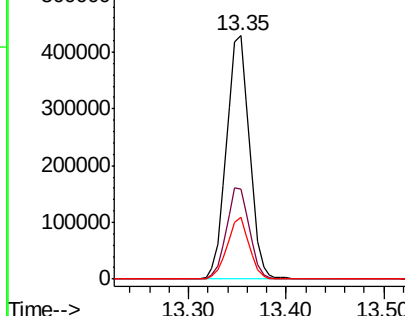


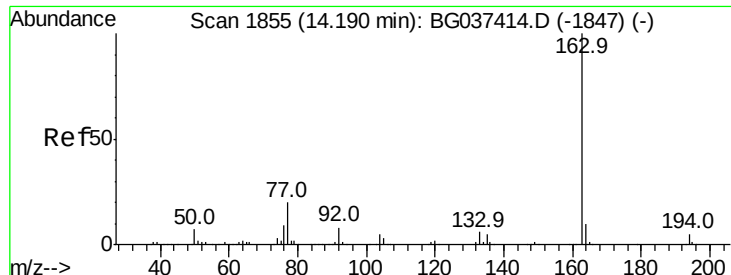
#45
 2-Fluorobiphenyl
 Concen: 61.859 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037819.D
 Acq: 6 Nov 2018 1:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	25.3	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: 7.749 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

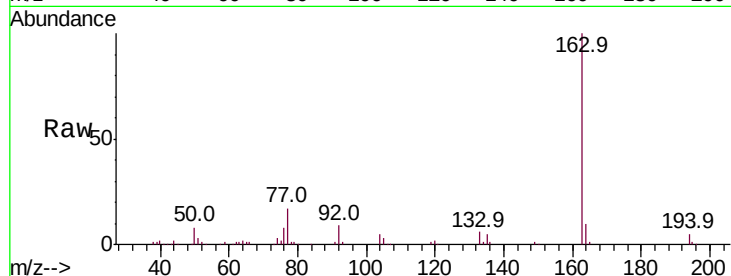
Tot Ion:163 Resp: 103079

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

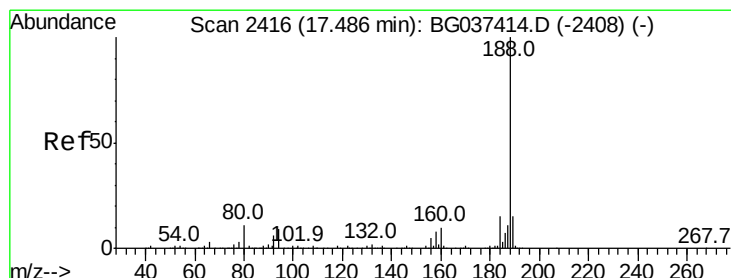
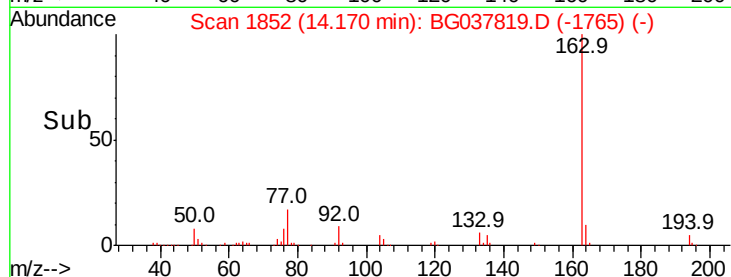
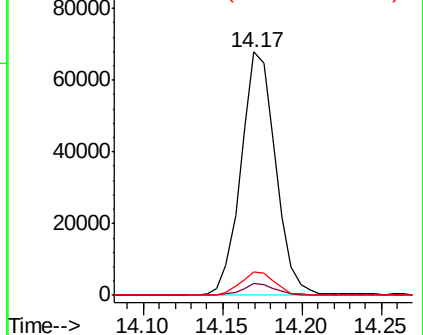
164 9.7 8.5 12.7



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# 2415

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

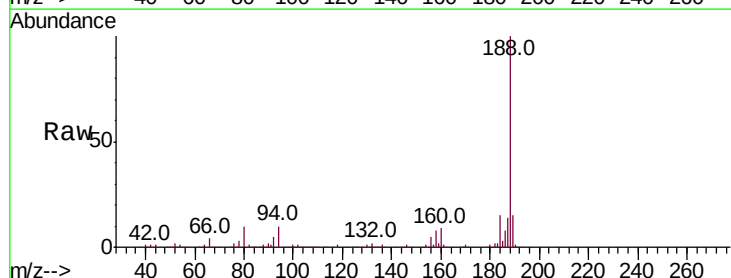
Tgt Ion:188 Resp: 371364

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

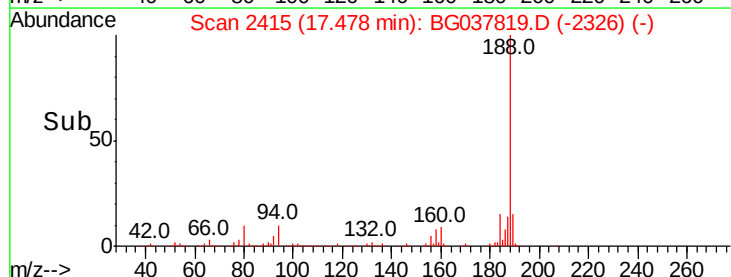
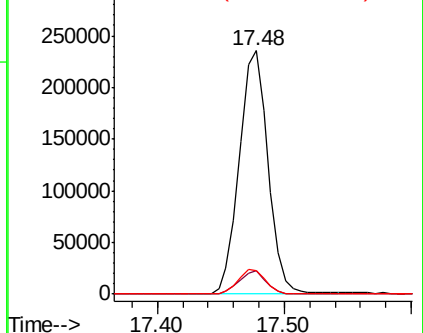
80 9.6 7.7 11.5

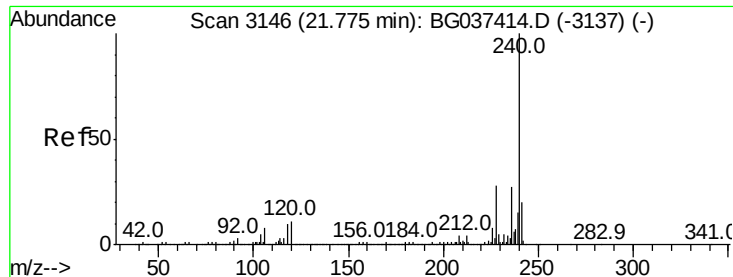


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

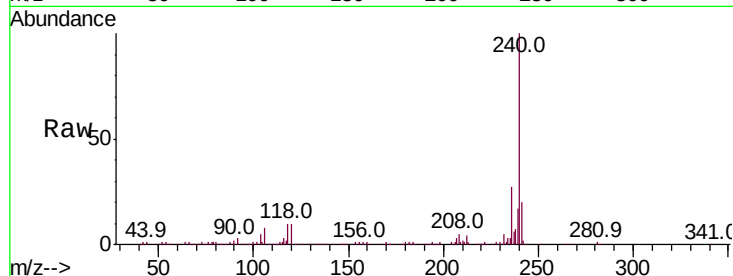
Tot Ion:240 Resp: 325986

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.5	21.4	32.0

240 100

120 10.3 8.1 12.1

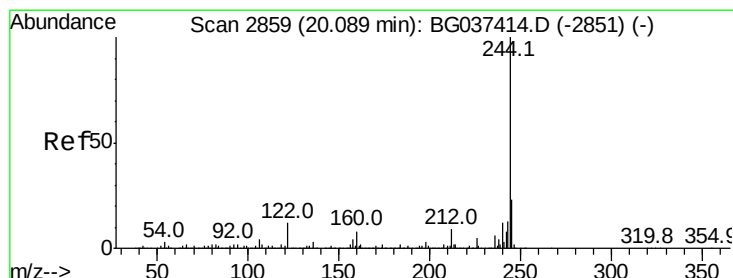
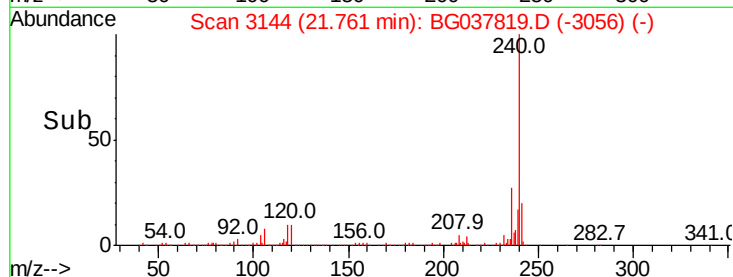
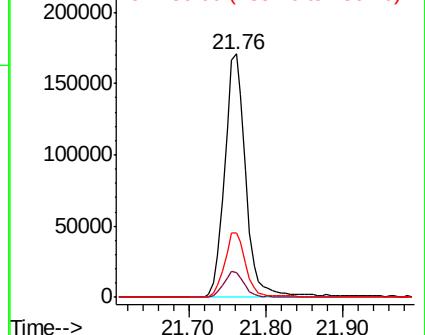
236 26.5 21.4 32.0



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: 60.844 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

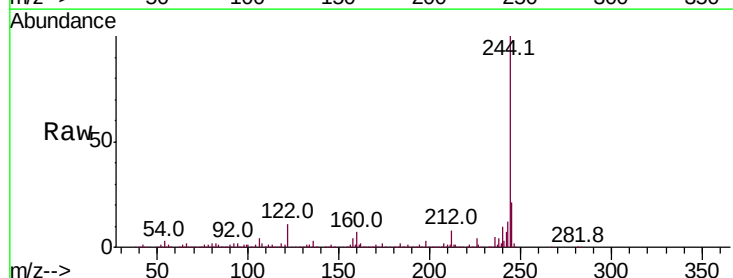
Tgt Ion:244 Resp: 928240

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.7	9.0	13.4

244 100

212 7.5 6.5 9.7

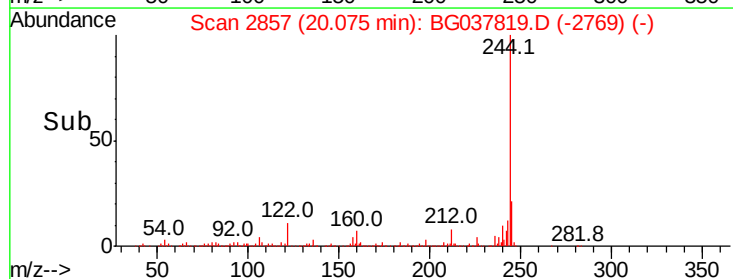
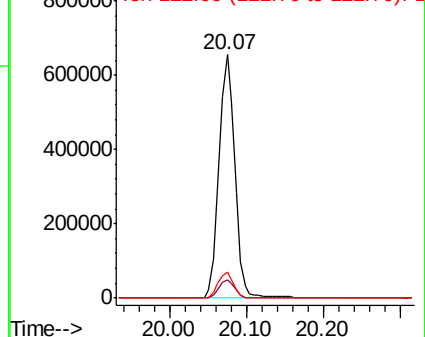
122 10.7 9.0 13.4

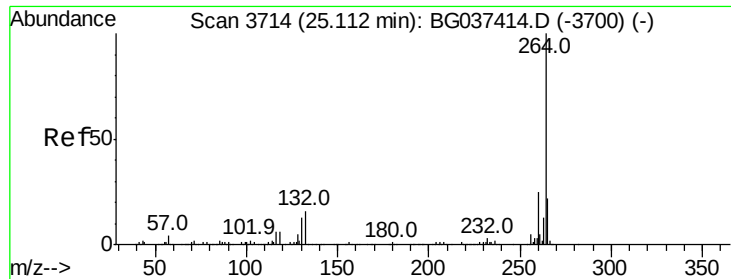


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Instrument :
BNA_G
ClientSampleId :
TP3-A

Tot Ion:264 Resp: 308799

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	22.1	17.9	26.9

