

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037843.D
 Acq On : 6 Nov 2018 18:05
 Operator : JU/SJ
 Sample : J5819-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:20:47 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

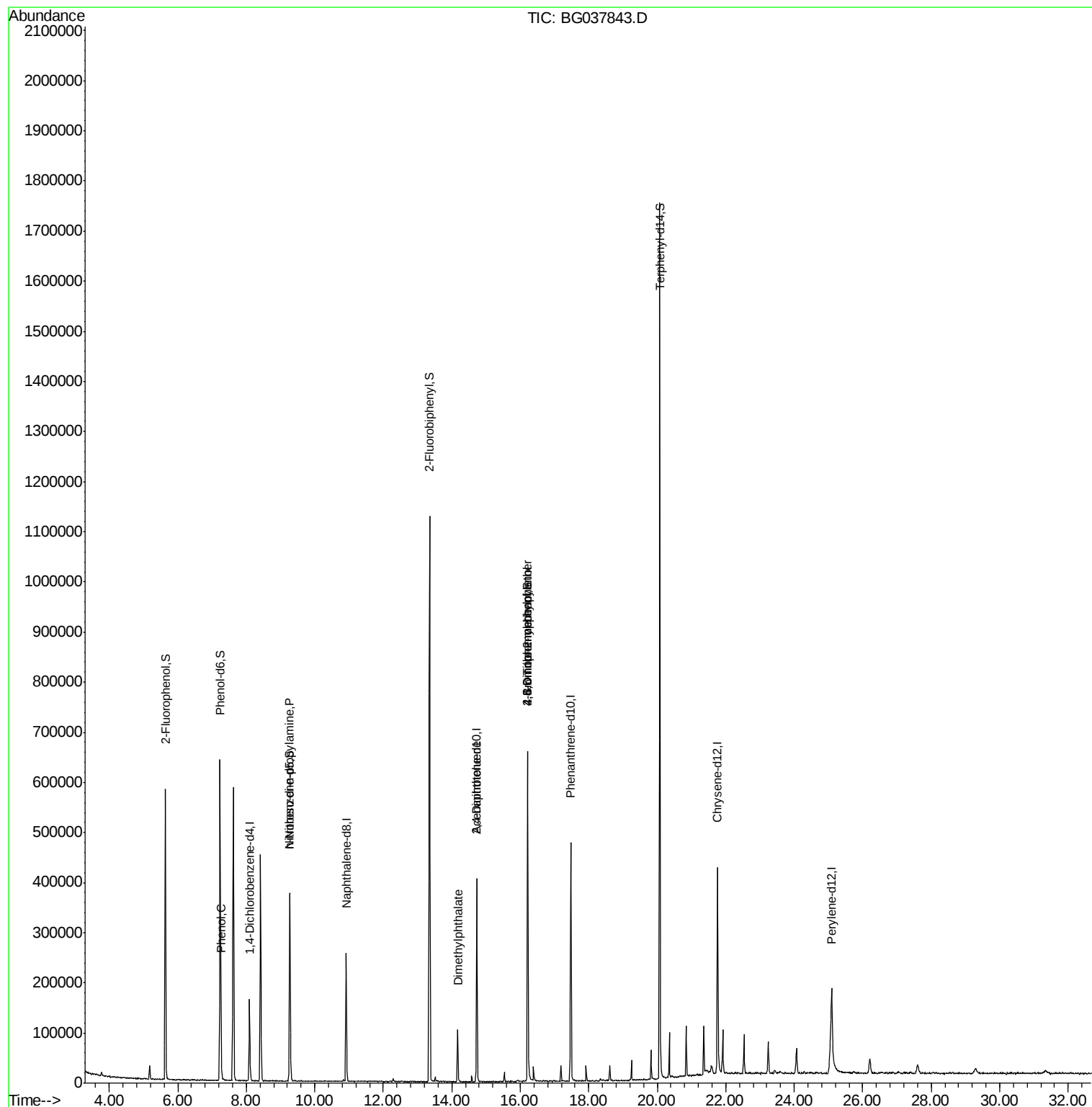
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50555	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	230142	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	147955	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	323139	20.00	ng	0.00
76) Chrysene-d12	21.76	240	281268	20.00	ng	-0.02
87) Perylene-d12	25.09	264	253479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	274974	90.93	ng	0.00
7) Phenol-d6	7.24	99	414419	90.63	ng	-0.02
23) Nitrobenzene-d5	9.27	82	253360	61.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	128596	79.69	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	637349	64.96	ng	-0.02
79) Terphenyl-d14	20.07	244	866606	65.84	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	29729	6.16	ng	94
19) n-Nitroso-di-n-propylamine	9.27	70	31051	9.86	ng	# 70
50) Dimethylphthalate	14.17	163	77358	6.76	ng	98
57) 2,4-Dinitrotoluene	14.73	165	19576	5.89	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	122	8.57	ng	79
67) 4-Bromophenyl-phenylether	16.21	248	8505	2.40	ng	# 1

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

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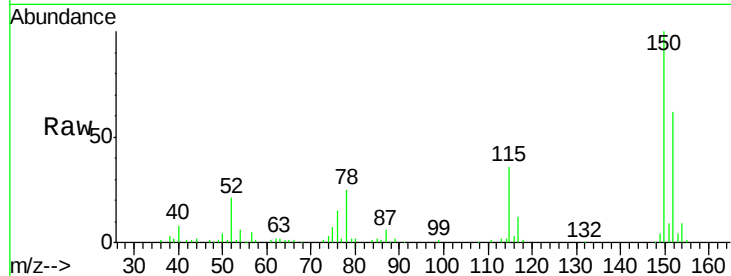


#1

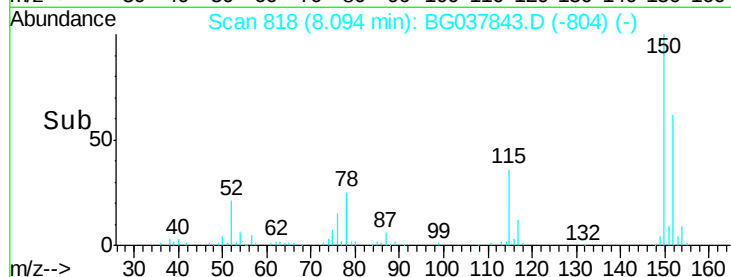
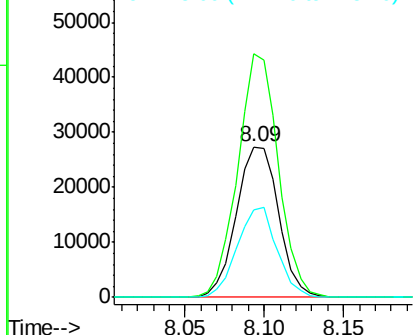
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50555
Ion Ratio Lower Upper
152 100
150 161.6 126.0 189.0
115 58.4 45.5 68.3



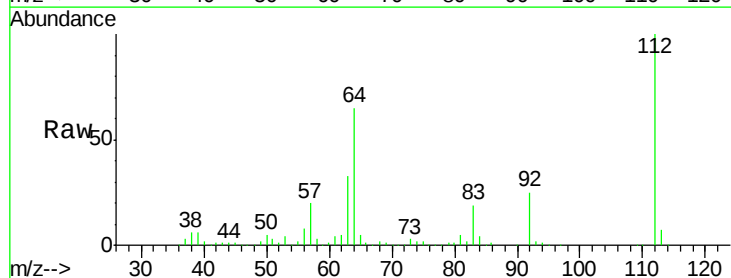
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



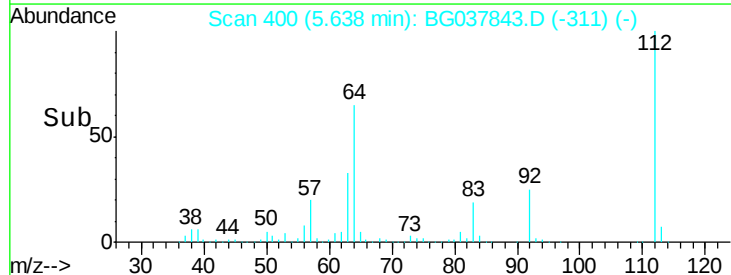
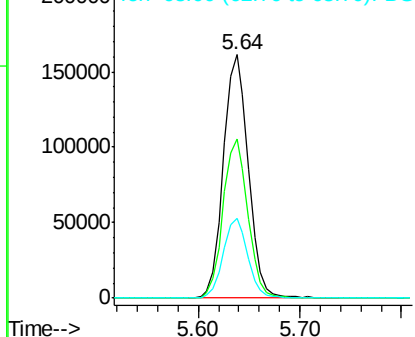
#5

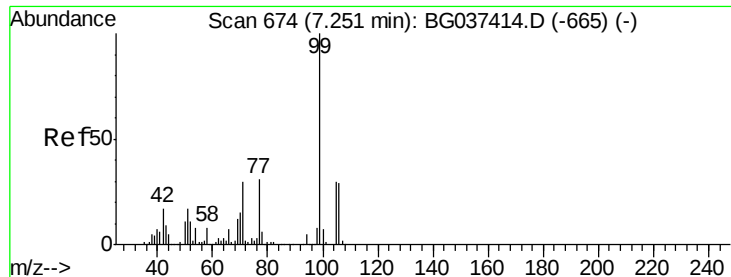
2-Fluorophenol
Concen: 90.93 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion:112 Resp: 274974
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 33.0 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: 90.63 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

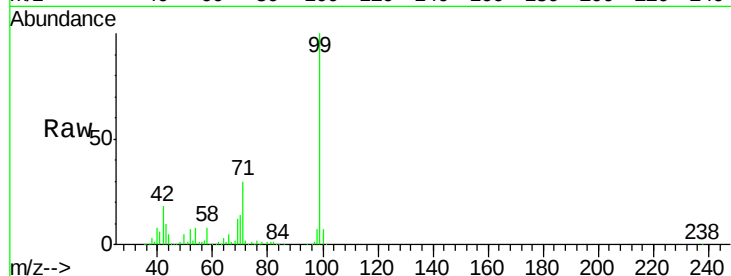
Tot Ion: 99 Resp: 414419

Ion Ratio Lower Upper

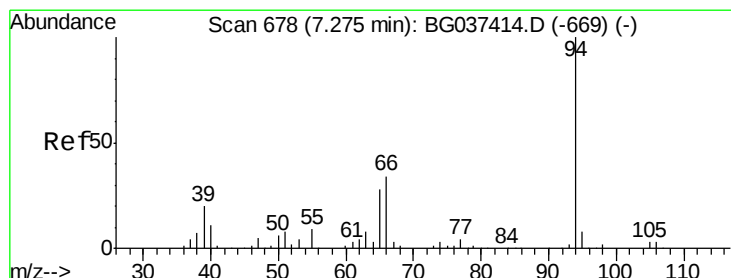
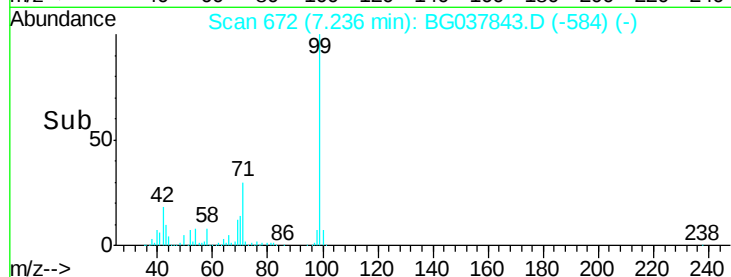
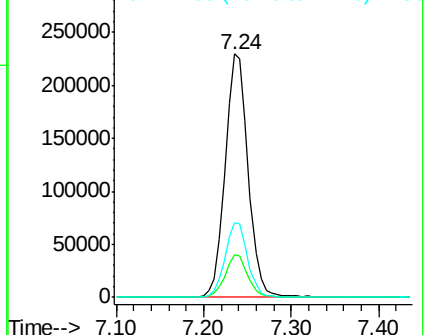
99 100

42 17.7 15.0 22.4

71 30.4 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: 6.16 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

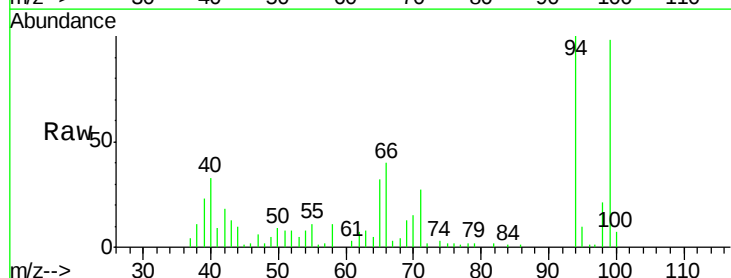
Tgt Ion: 94 Resp: 29729

Ion Ratio Lower Upper

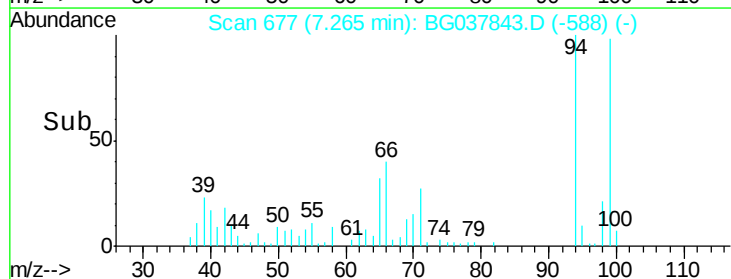
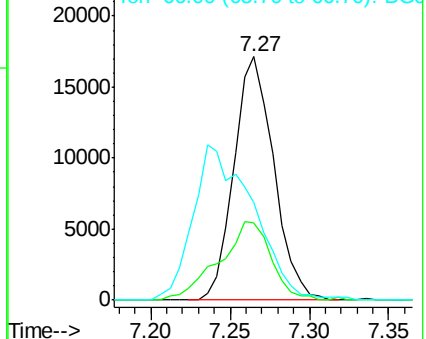
94 100

65 31.7 9.7 49.7

66 40.4 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

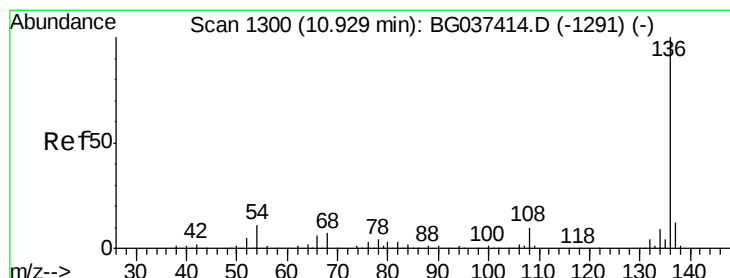
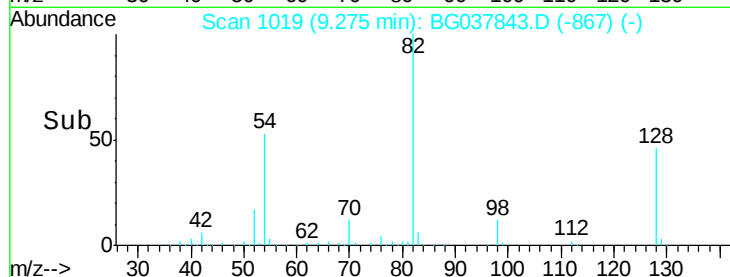
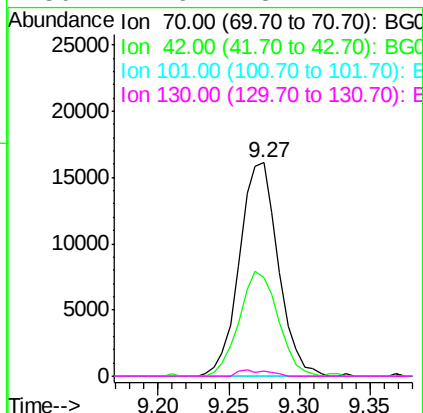
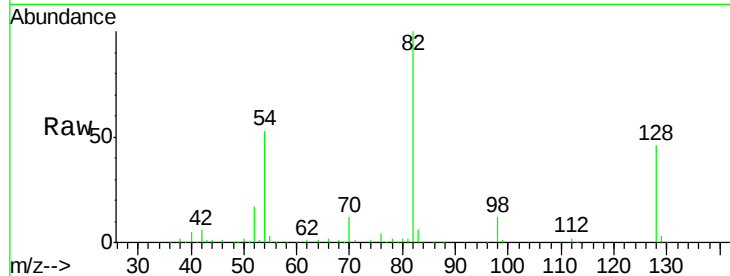




#19
n-Nitroso-di-n-propylamine
Concen: 9.86 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

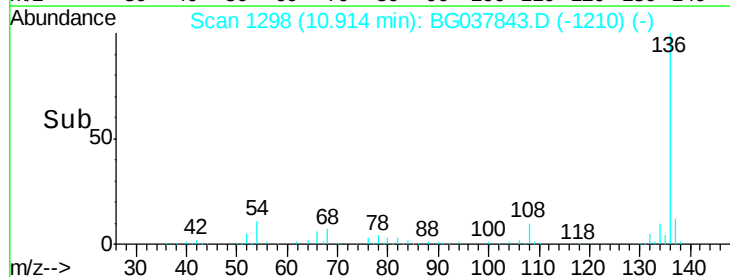
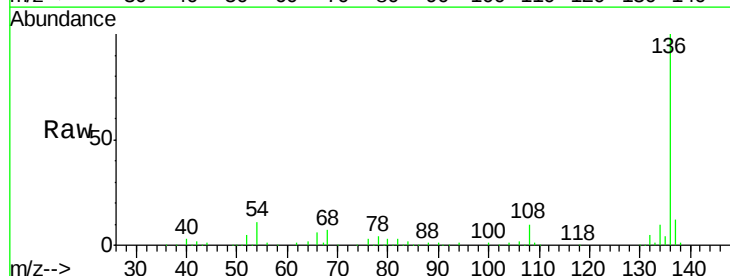
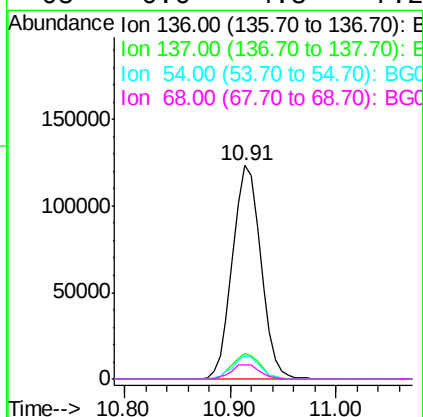
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 31051
Ion Ratio Lower Upper
70 100
42 46.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion: 136 Resp: 230142
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 10.8 7.9 11.9
68 6.6 4.8 7.2

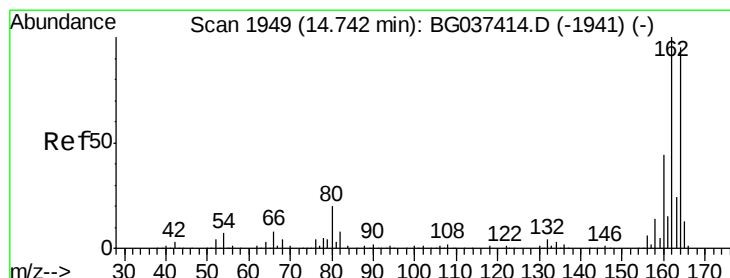
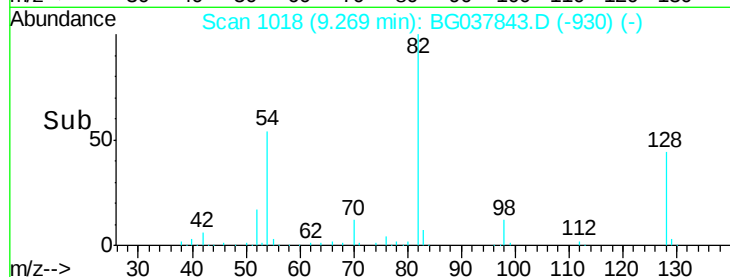
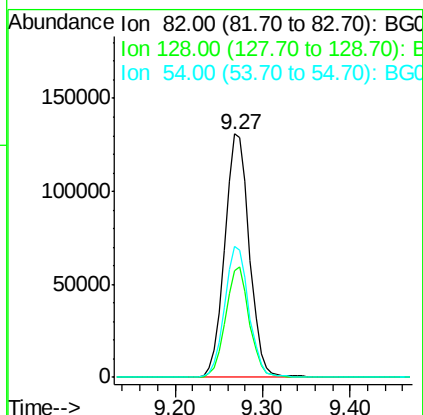
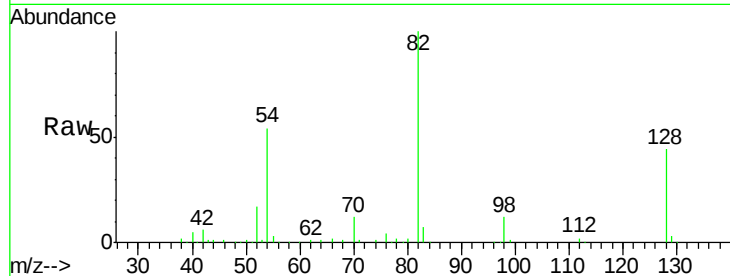




#23
 Nitrobenzene-d5
 Concen: 61.67 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG037843.D
 Acq: 6 Nov 2018 18:05

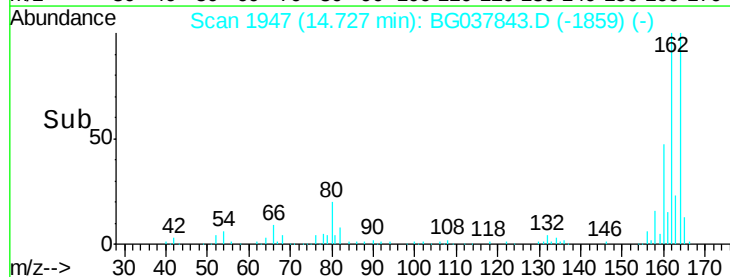
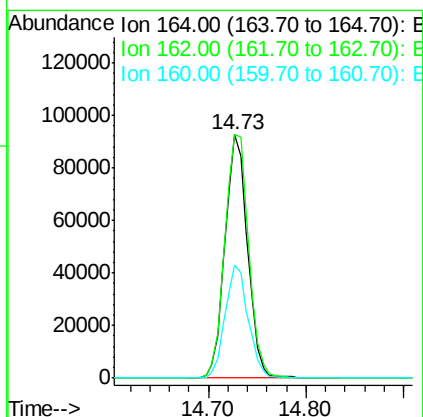
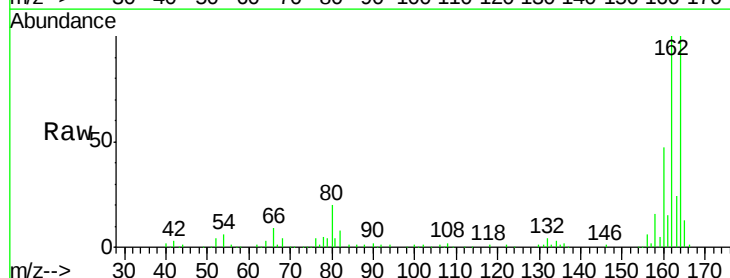
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	253360
Ion Ratio	100	Lower	Upper
128	43.5	34.6	51.8
54	53.6	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037843.D
 Acq: 6 Nov 2018 18:05

Tgt Ion	164	Resp	147955
Ion Ratio	100	Lower	Upper
162	100.1	81.3	121.9
160	46.6	36.3	54.5

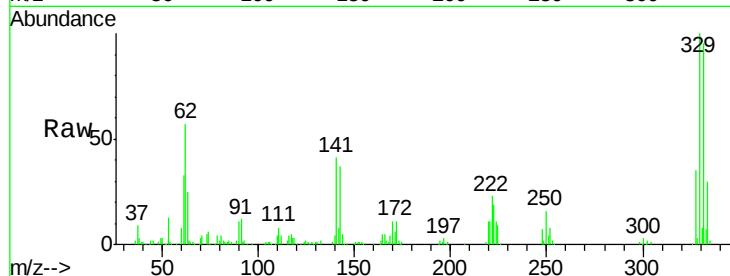




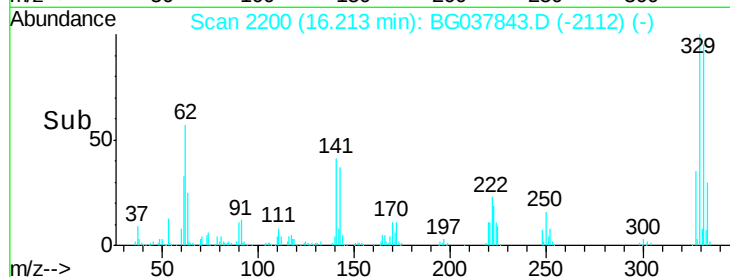
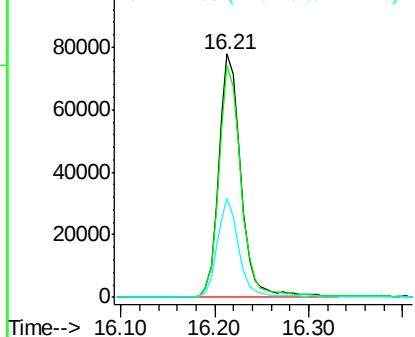
#42
 2,4,6-Tribromophenol
 Concen: 79.69 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037843.D
 Acq: 6 Nov 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.4	117.6
141	38.9	32.2	48.2

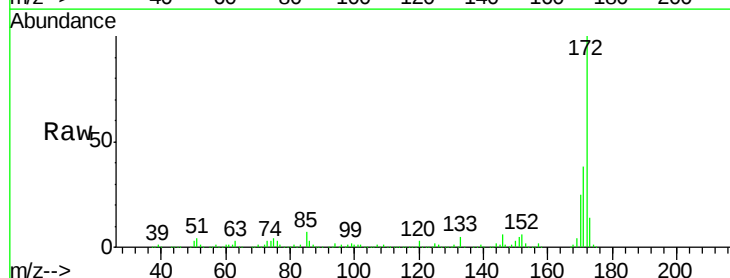


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

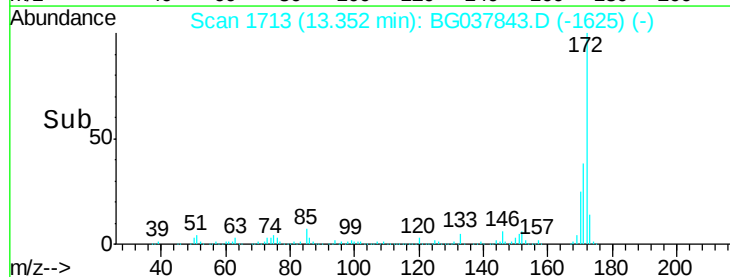
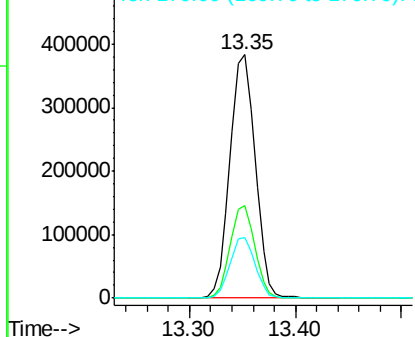


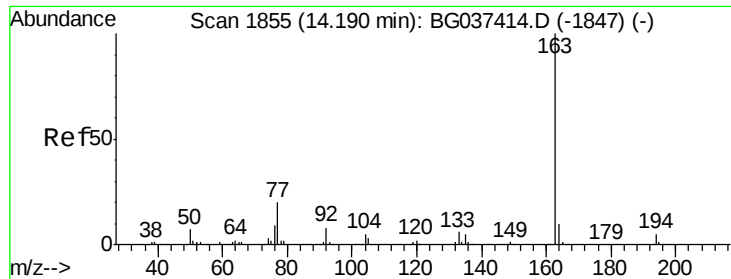
#45
 2-Fluorobiphenyl
 Concen: 64.96 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037843.D
 Acq: 6 Nov 2018 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.8	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

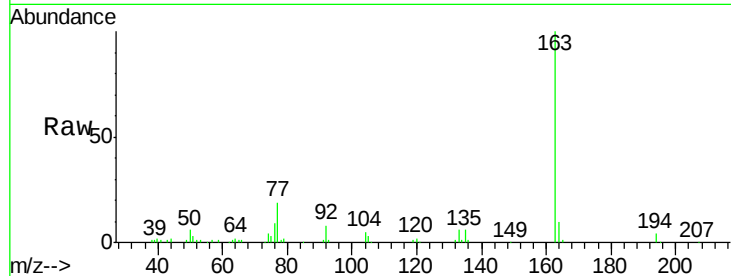




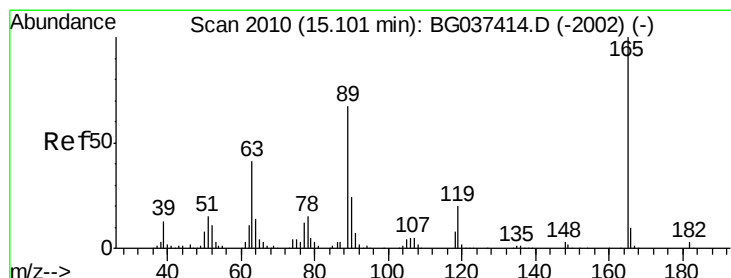
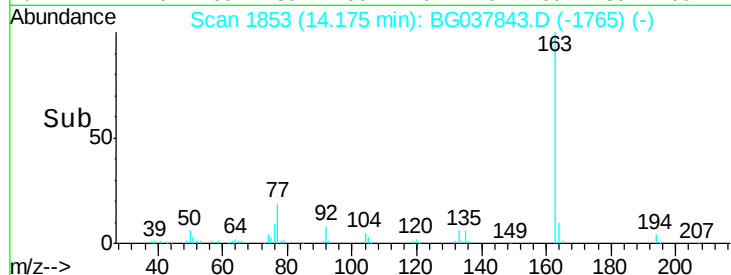
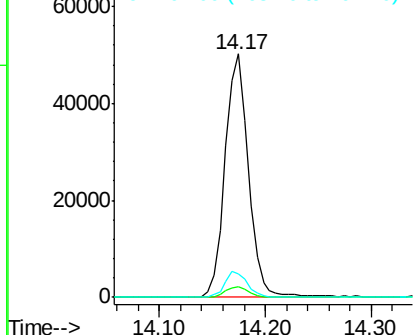
#50
Dimethylphthalate
Concen: 6.76 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 77358
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.6 8.5 12.7

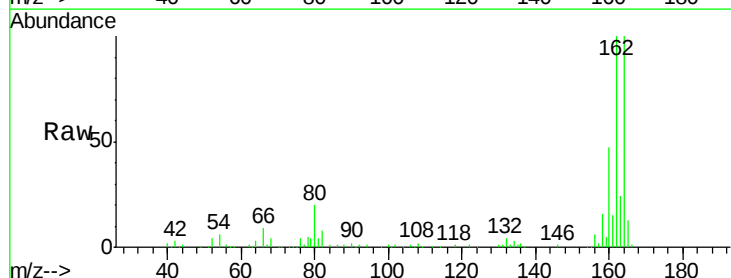


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

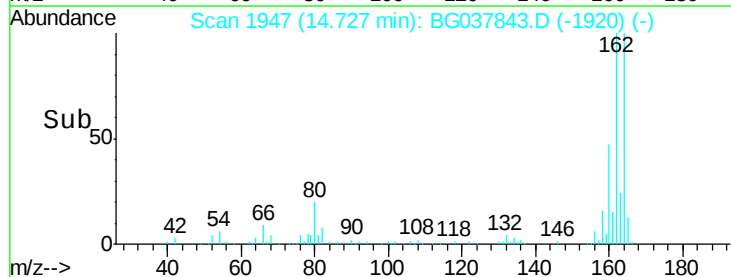
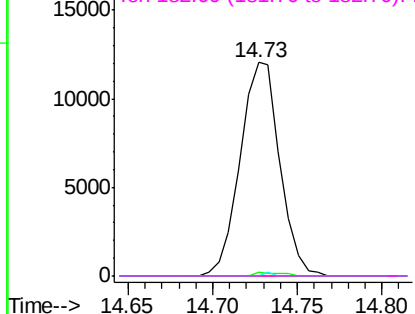


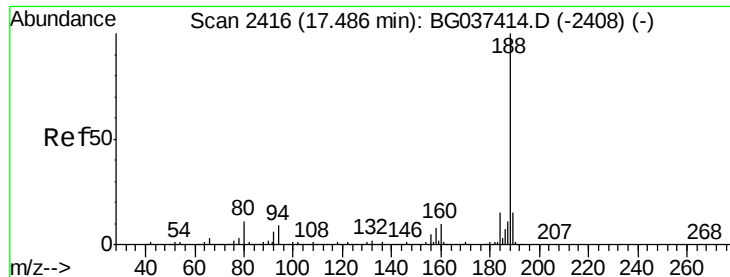
#57
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion:165 Resp: 19576
Ion Ratio Lower Upper
165 100
63 1.6 33.4 50.0#
89 0.0 57.2 85.8#
182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

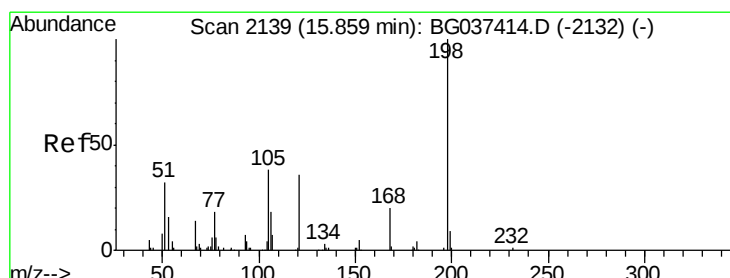
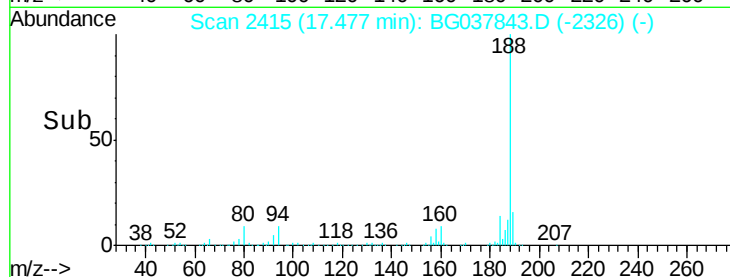
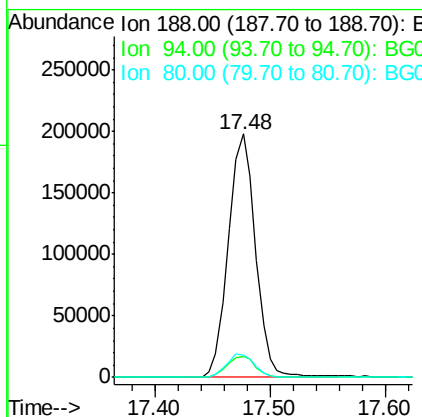
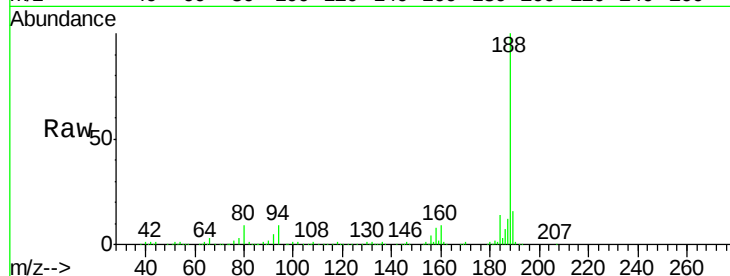




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

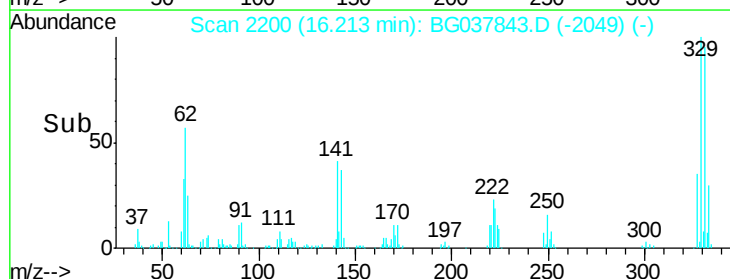
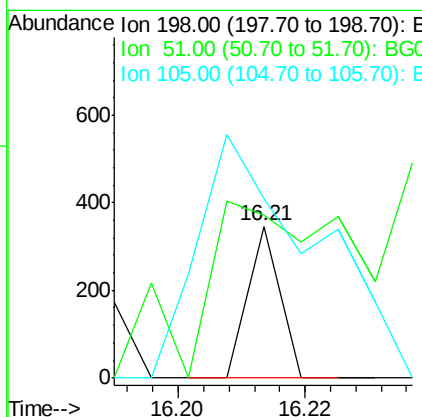
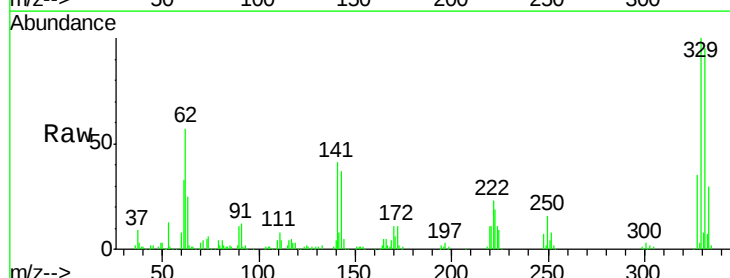
Instrument :
BNA_G
ClientSampleId :

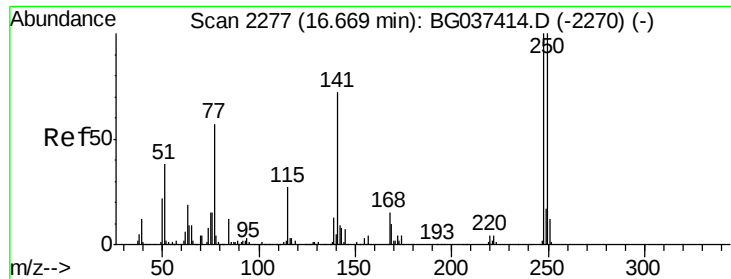
Tot Ion:188 Resp: 323139
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.1 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion:198 Resp: 122
Ion Ratio Lower Upper
198 100
51 27.0 22.7 62.7
105 29.7 19.7 59.7





#67

4-Bromophenyl-phenylether

Concen: 2.40 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.46 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

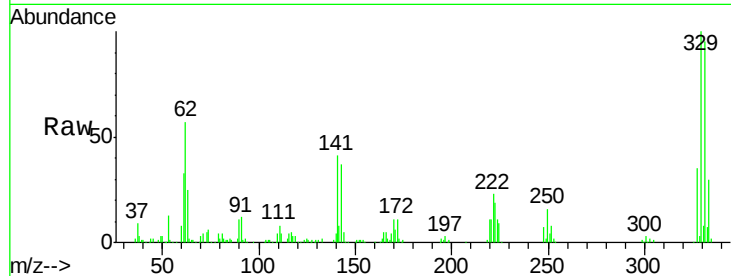
Tot Ion:248 Resp: 8505

Ion Ratio Lower Upper

248 100

250 207.5 77.0 115.6#

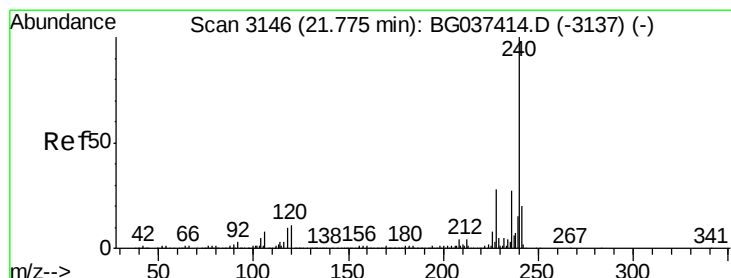
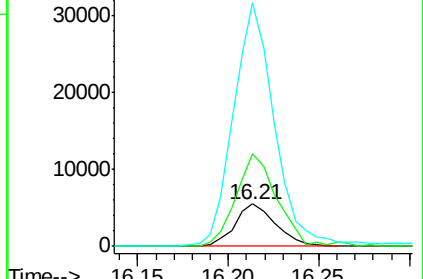
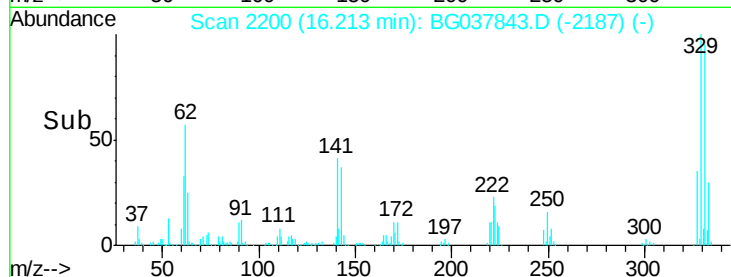
141 439.1 55.5 83.3#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

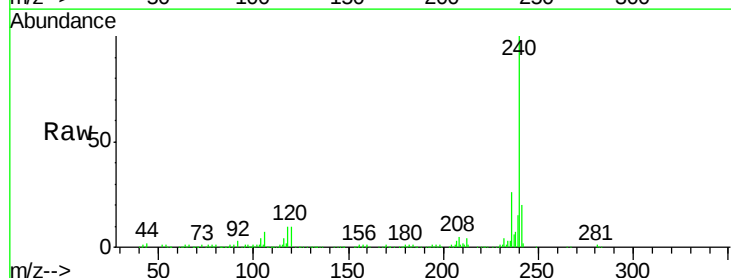
Tgt Ion:240 Resp: 281268

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

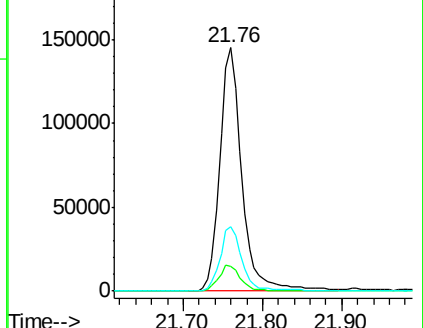
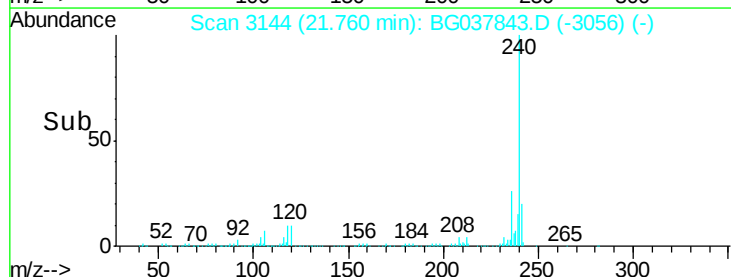
236 26.5 21.4 32.0



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: 65.84 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

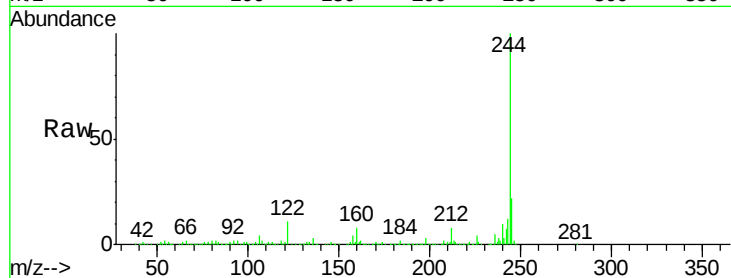
Tot Ion:244 Resp: 866606

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

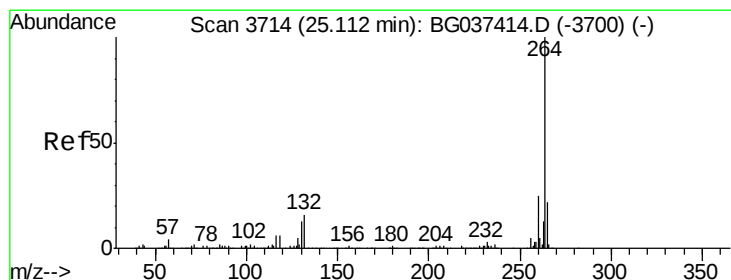
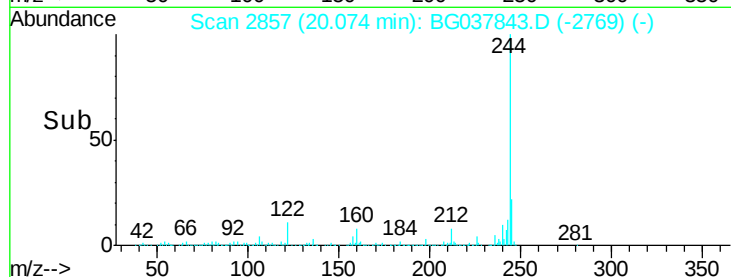
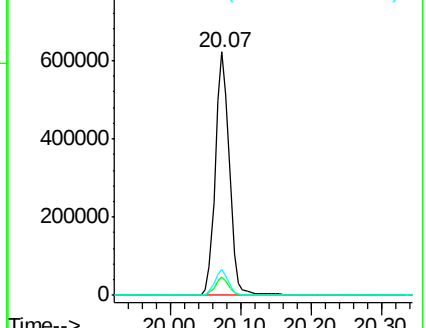
122 10.8 9.0 13.4



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

Perylene-d12

Concen: 20.00 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

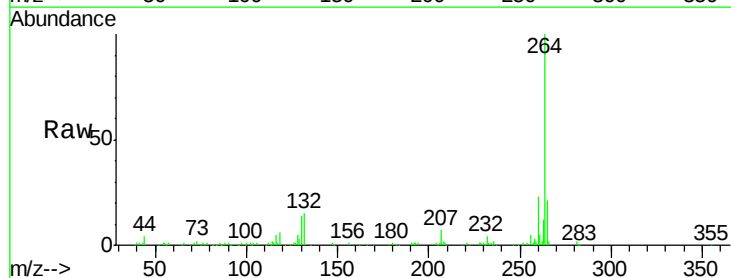
Tgt Ion:264 Resp: 253479

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

