

Data File : BG037820.D
Acq On : 6 Nov 2018 2:14
Operator : JU/SJ
Sample : PB114415BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Quant Time: Nov 06 04:21:08 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

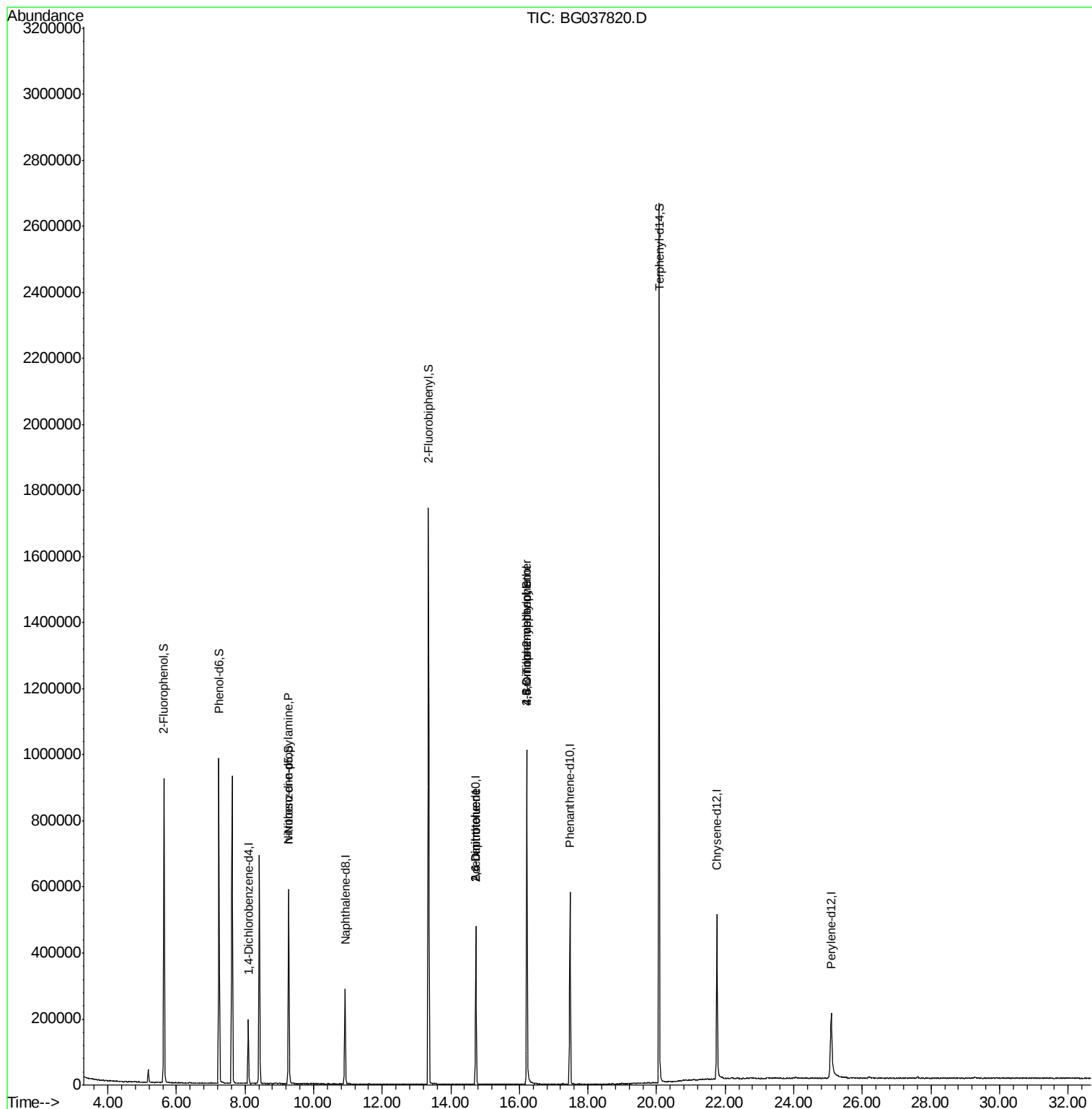
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58960	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	265983	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	178369	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	388131	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	350076	20.00	ng	-0.02
87) Perylene-d12	25.09	264	299674	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	439466	124.61	ng	-0.01
7) Phenol-d6	7.24	99	632518	118.61	ng	-0.01
23) Nitrobenzene-d5	9.27	82	377949	79.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	202485	104.08	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	960521	81.20	ng	-0.02
79) Terphenyl-d14	20.08	244	1347091	82.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	47804	13.018	ng	# 69
51) 2,6-Dinitrotoluene	14.72	165	22941	7.515	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	22941	5.725	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	677	8.781	ng	77
67) 4-Bromophenyl-phenylether	16.22	248	14543	3.412	ng	# 1

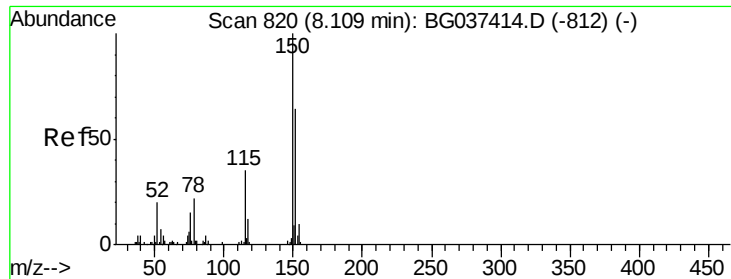
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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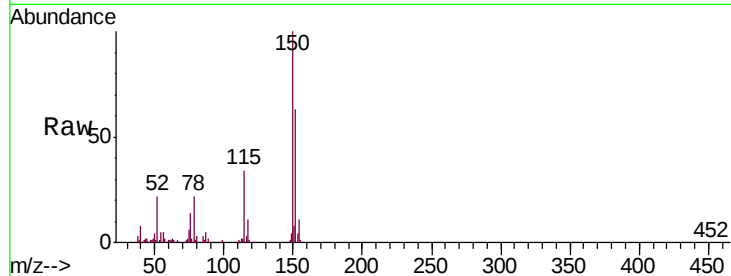


#1

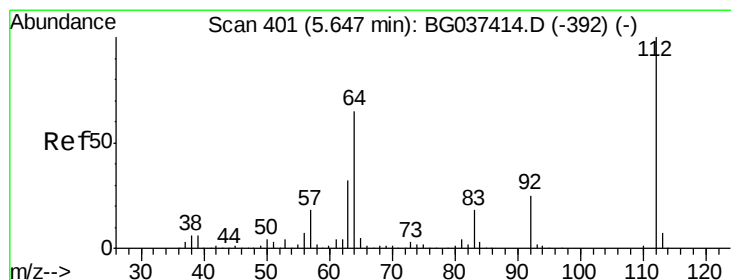
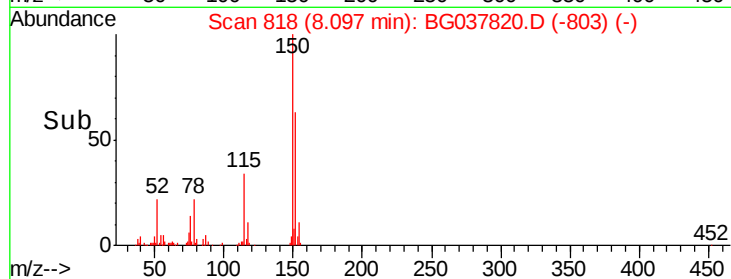
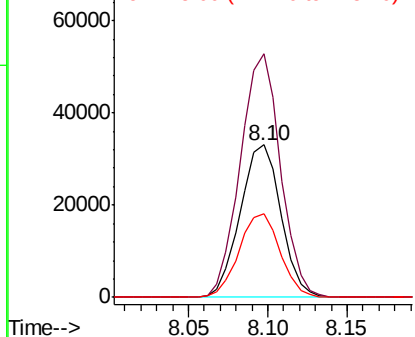
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Tgt Ion:152 Resp: 58960
Ion Ratio Lower Upper
152 100
150 159.6 126.0 189.0
115 54.6 45.5 68.3



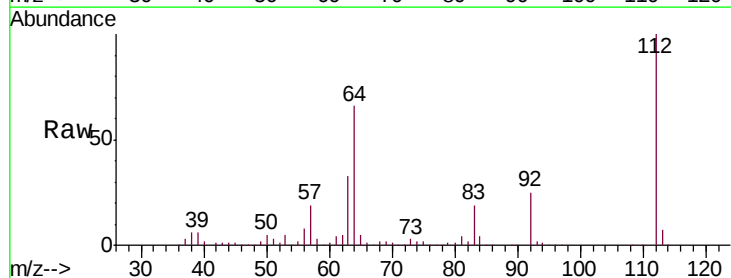
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



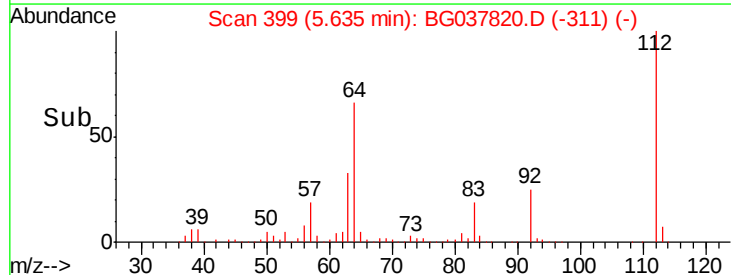
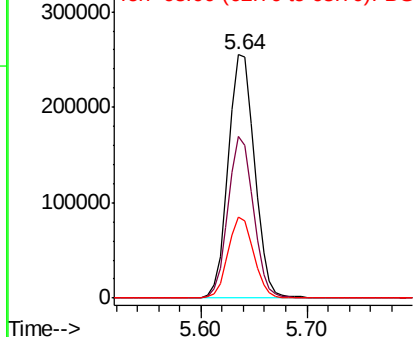
#5

2-Fluorophenol
Concen: 124.614 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Tgt Ion:112 Resp: 439466
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 33.4 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: 118.611 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB114415BL

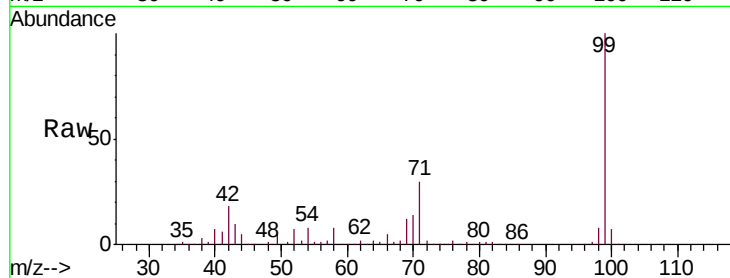
Tgt Ion: 99 Resp: 632518

Ion Ratio Lower Upper

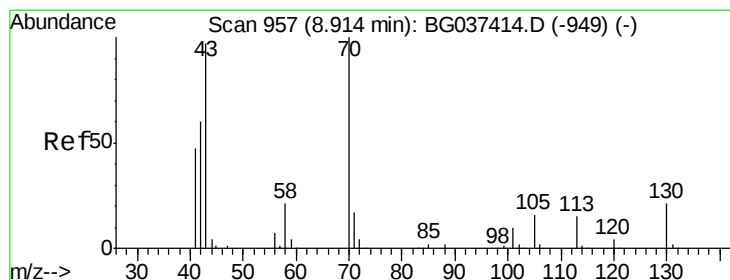
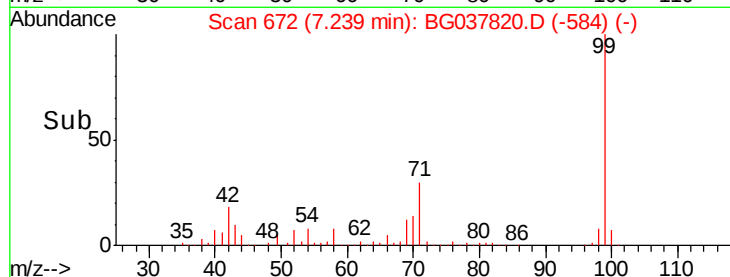
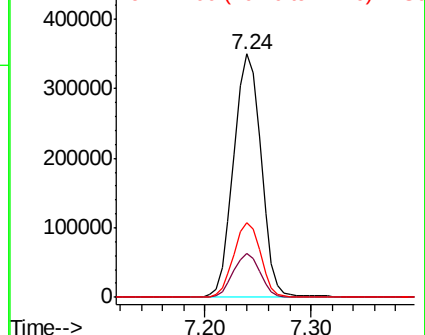
99 100

42 18.2 15.0 22.4

71 30.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.018 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

Tgt Ion: 70 Resp: 47804

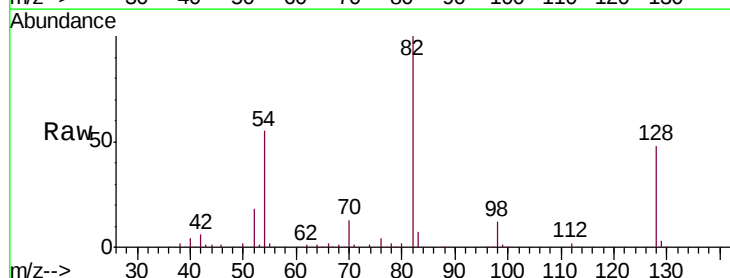
Ion Ratio Lower Upper

70 100

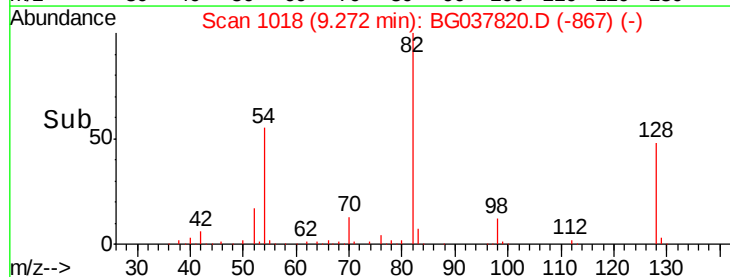
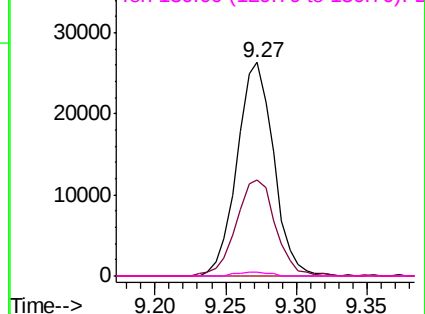
42 45.2 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

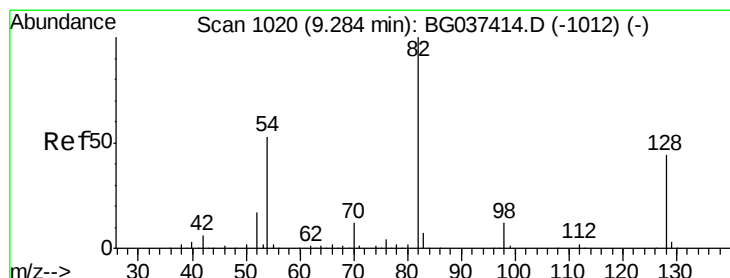
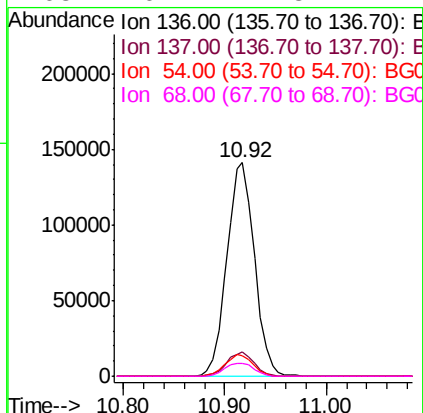
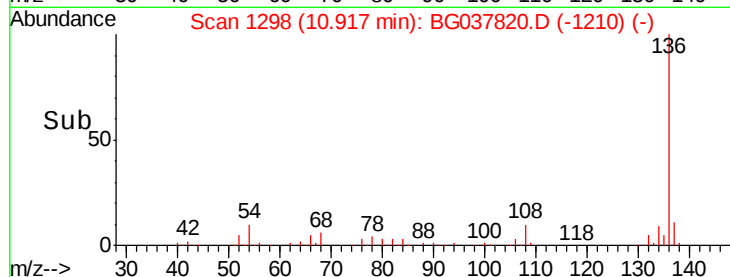
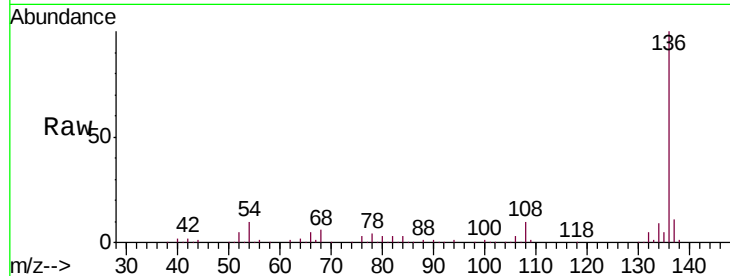




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

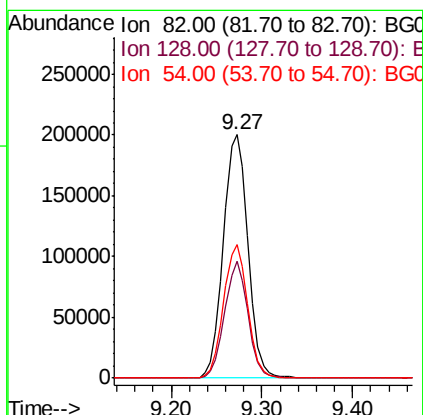
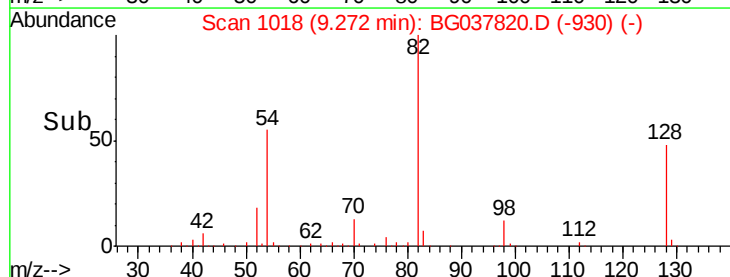
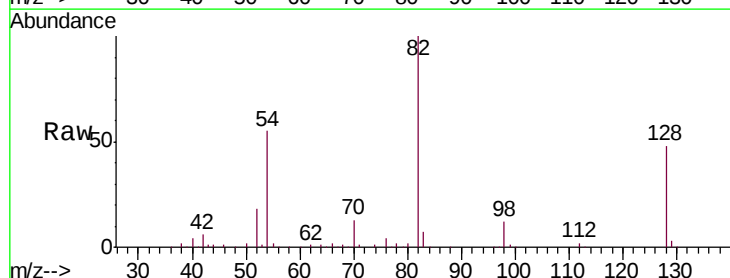
Instrument :
BNA_G
ClientSampleId :
PB114415BL

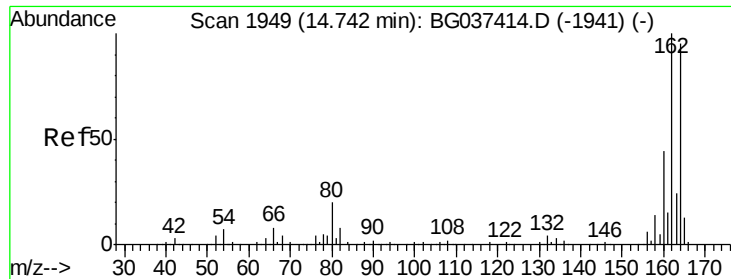
Tgt Ion:	136	Resp:	265983
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.6	7.9	11.9
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 79.600 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Tgt Ion:	82	Resp:	377949
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.6	51.8
54	54.9	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

Instrument :

BNA_G

ClientSampleId :

PB114415BL

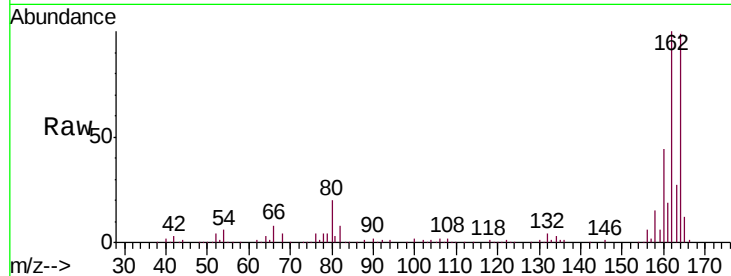
Tgt Ion:164 Resp: 178369

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

160 43.9 36.3 54.5

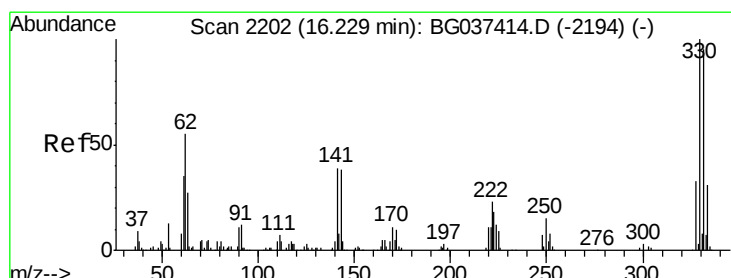
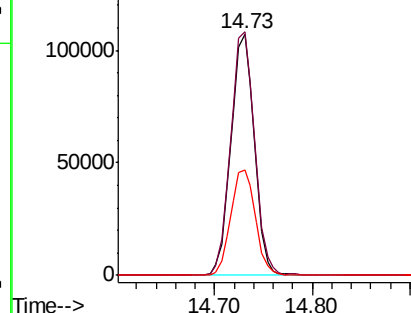
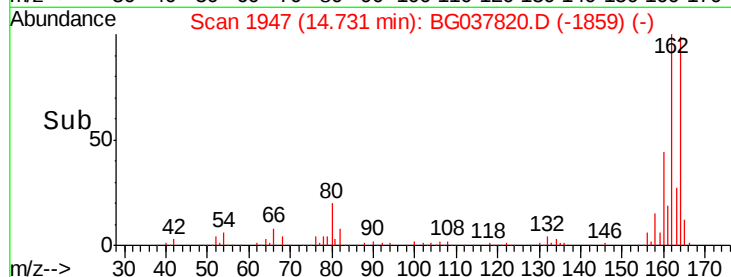


Abundance

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: 104.081 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

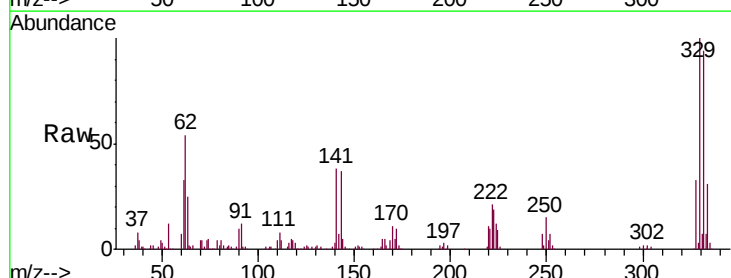
Tgt Ion:330 Resp: 202485

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

141 38.6 32.2 48.2

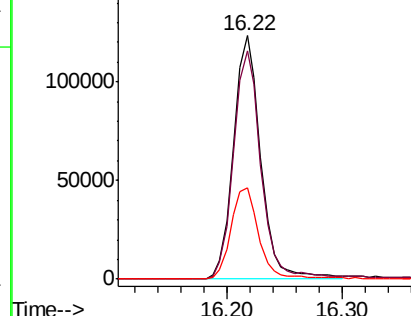
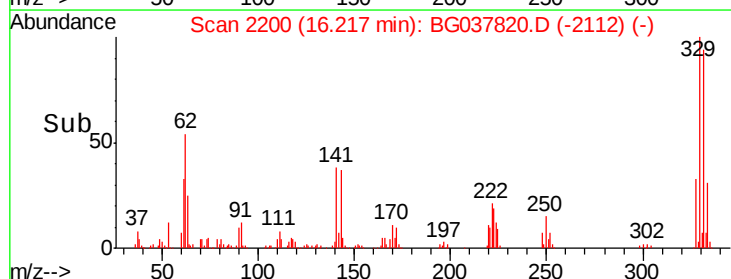


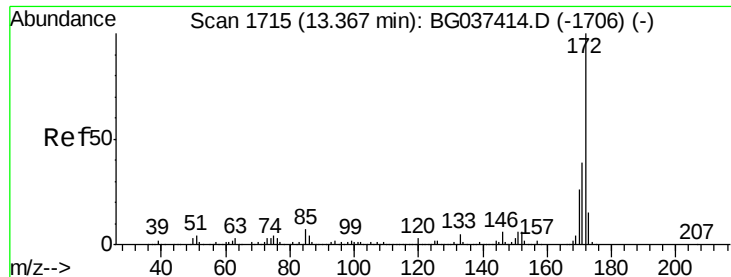
Abundance

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

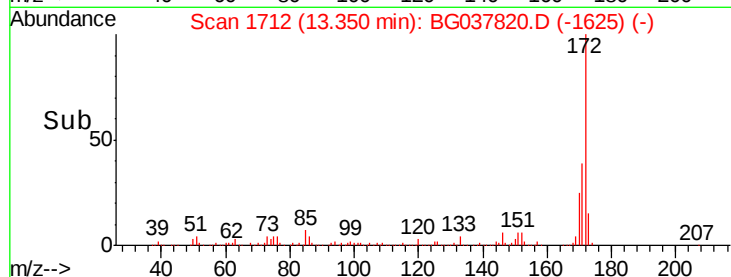
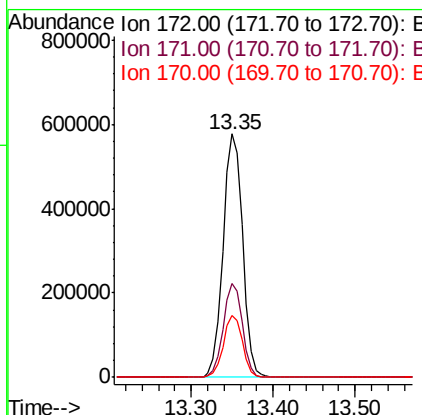
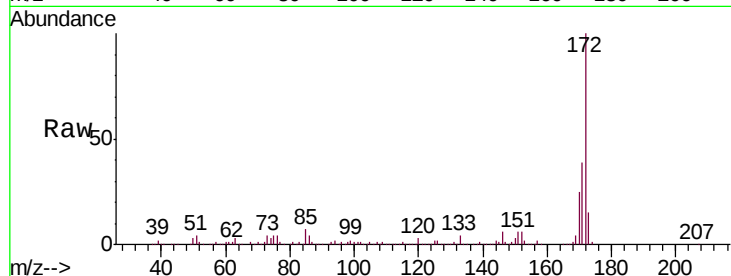




#45
 2-Fluorobiphenyl
 Concen: 81.203 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037820.D
 Acq: 6 Nov 2018 2:14

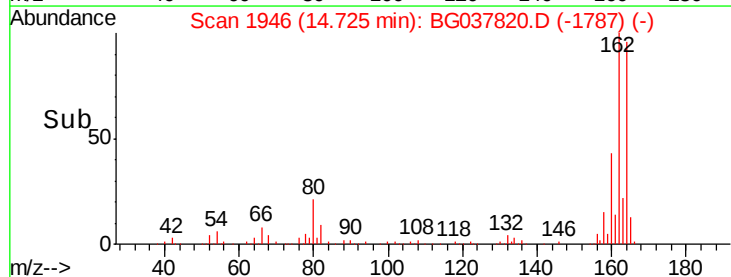
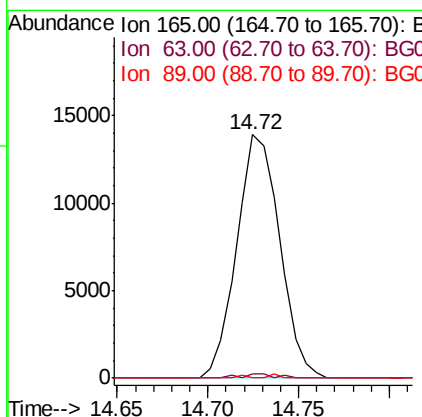
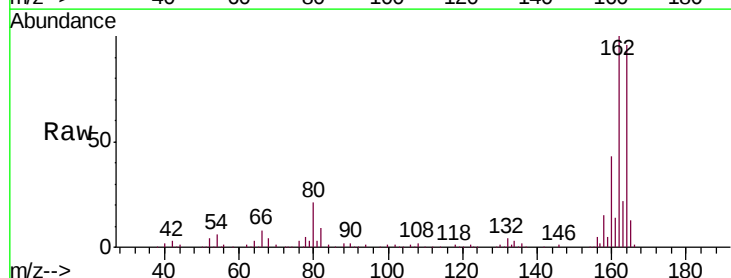
Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

Tgt Ion:172 Resp: 960521
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.0 46.4
 170 25.4 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.515 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG037820.D
 Acq: 6 Nov 2018 2:14

Tgt Ion:165 Resp: 22941
 Ion Ratio Lower Upper
 165 100
 63 1.9 43.4 65.2#
 89 0.0 45.8 68.6#

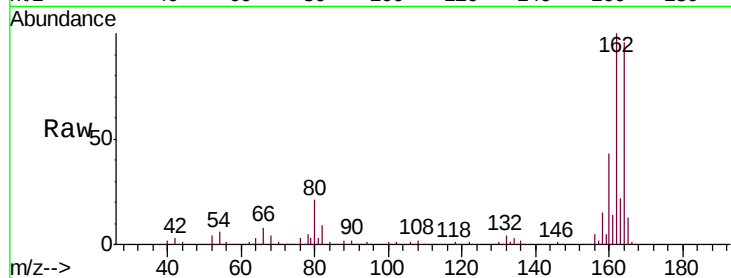




#57
2,4-Dinitrotoluene
Concen: 5.725 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



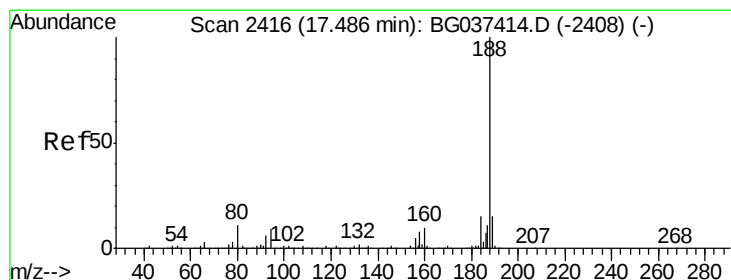
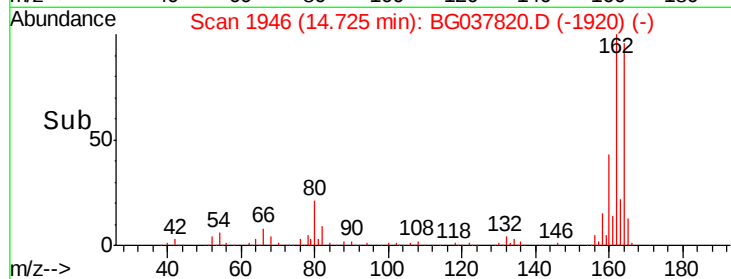
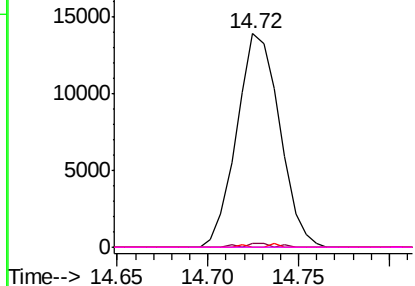
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

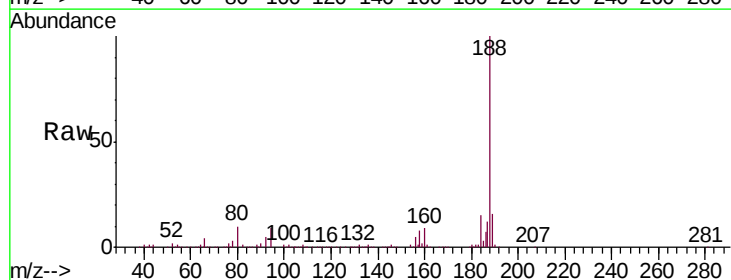
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	7.7	11.5

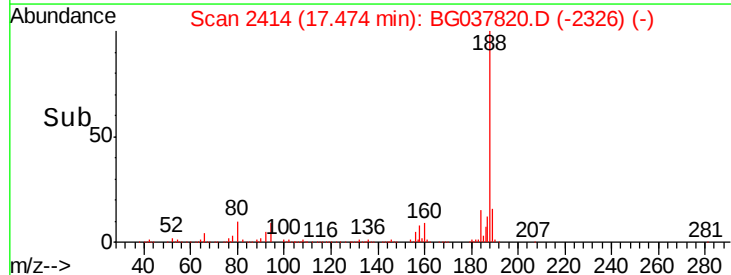
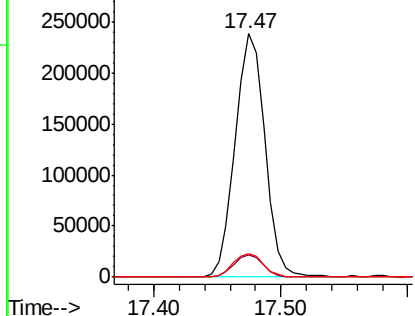


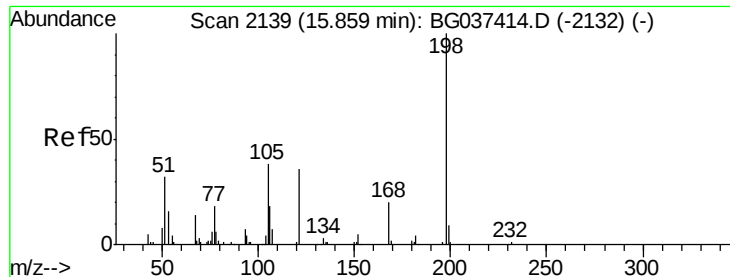
Abundance

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





#65

4,6-Dinitro-2-methylphenol

Concen: 8.781 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

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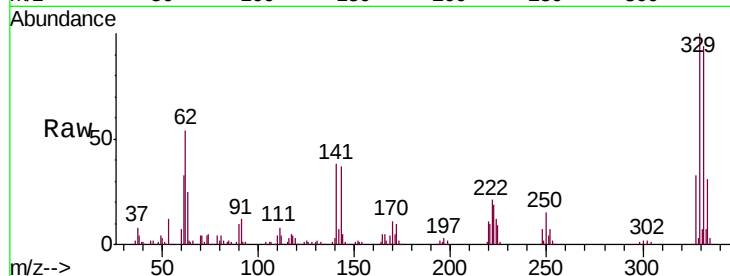
Tgt Ion:198 Resp: 677

Ion Ratio Lower Upper

198 100

51 27.0 22.7 62.7

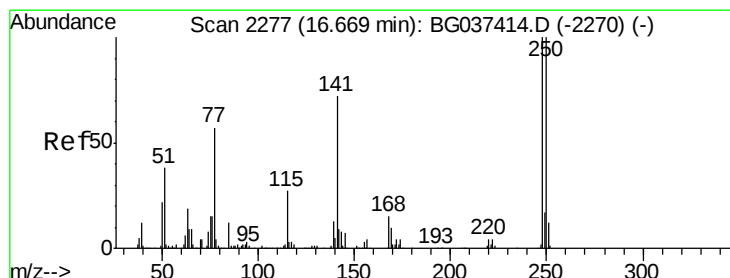
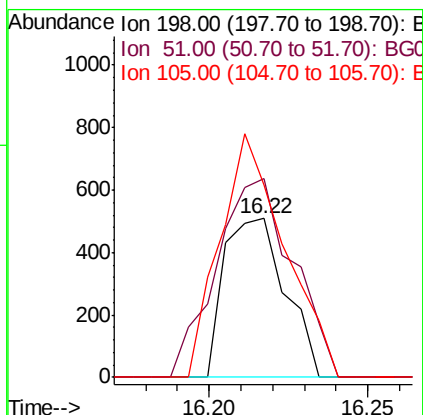
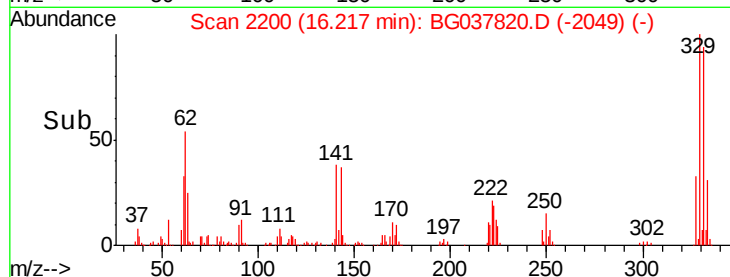
105 26.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.412 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

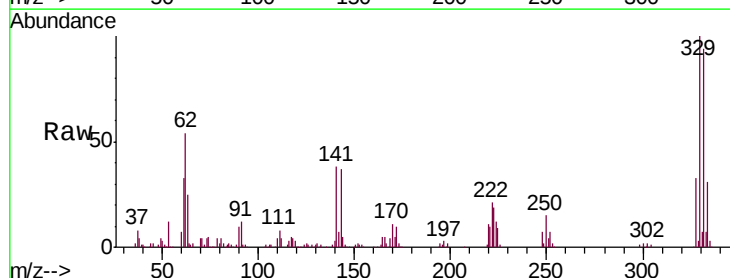
Tgt Ion:248 Resp: 14543

Ion Ratio Lower Upper

248 100

250 202.5 77.0 115.6#

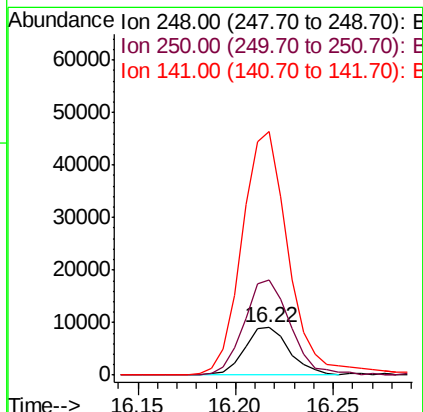
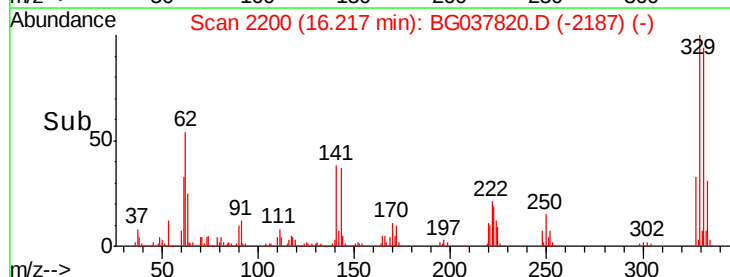
141 404.4 55.5 83.3#

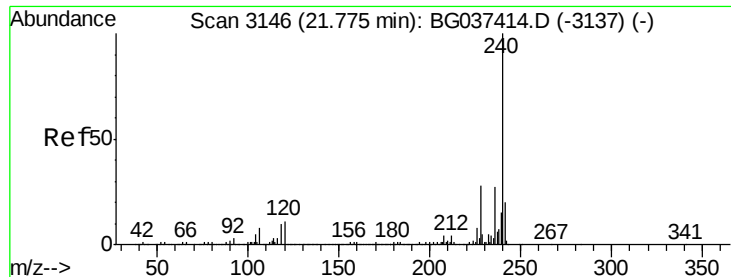


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037820.D

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Instrument :

BNA_G

ClientSampleId :

PB114415BL

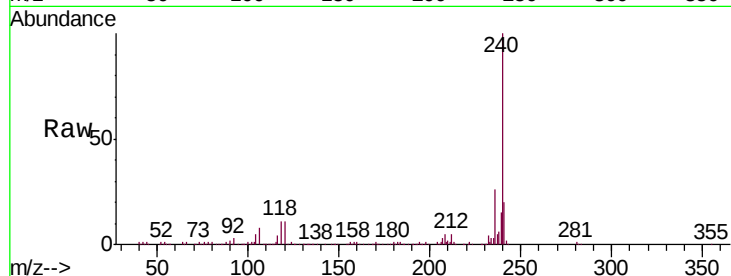
Tgt Ion:240 Resp: 350076

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

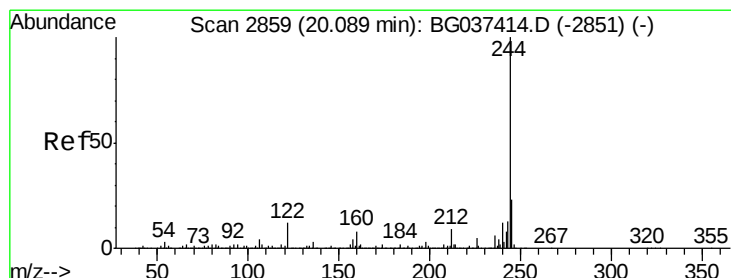
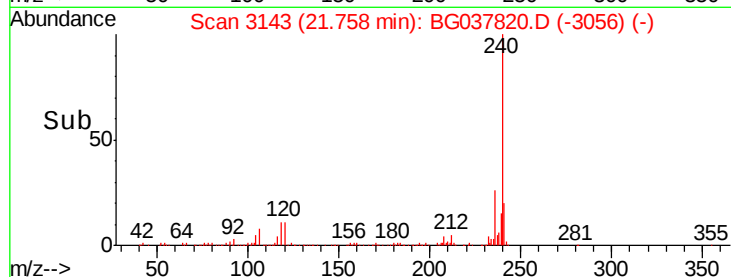
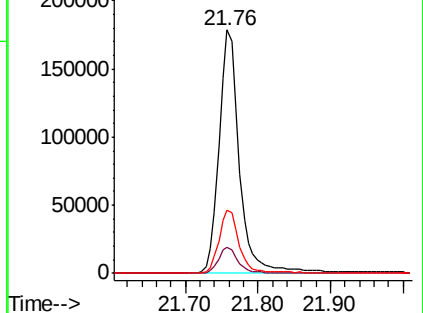
236 25.7 21.4 32.0



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: 82.223 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037820.D

Acq: 6 Nov 2018 2:14

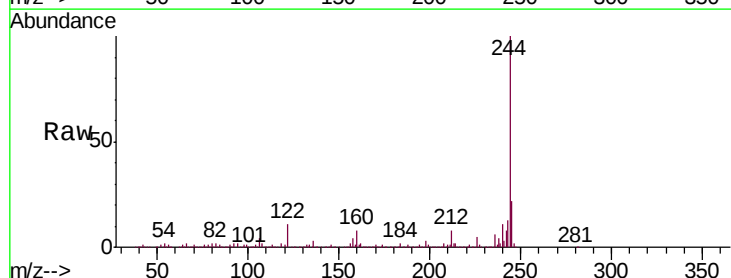
Tgt Ion:244 Resp: 1347091

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

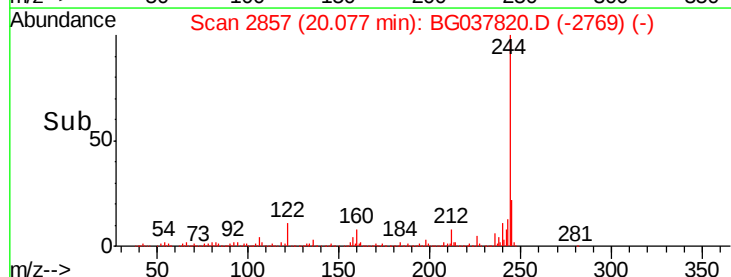
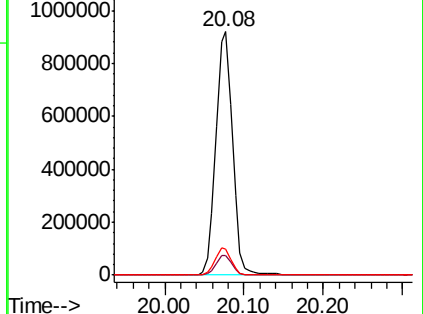
122 10.8 9.0 13.4

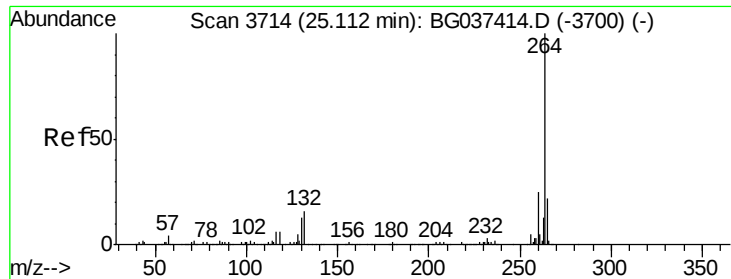


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037820.D
Acq: 6 Nov 2018 2:14

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Tgt Ion: 264 Resp: 299674
Ion Ratio Lower Upper
264 100
260 22.2 18.2 27.4
265 22.0 17.9 26.9

