

Data File : BG037813.D
Acq On : 5 Nov 2018 21:41
Operator : JU/SJ
Sample : J5794-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Quant Time: Nov 06 04:17:42 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	56388	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	248869	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	162094	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	356302	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	314826	20.00	ng	-0.01
87) Perylene-d12	25.09	264	231075	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364054	107.94	ng	-0.01
7) Phenol-d6	7.24	99	467284	91.62	ng	-0.01
23) Nitrobenzene-d5	9.27	82	364969	82.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	165613	93.68	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	894931	83.25	ng	-0.02
79) Terphenyl-d14	20.08	244	1280263	86.89	ng	-0.01

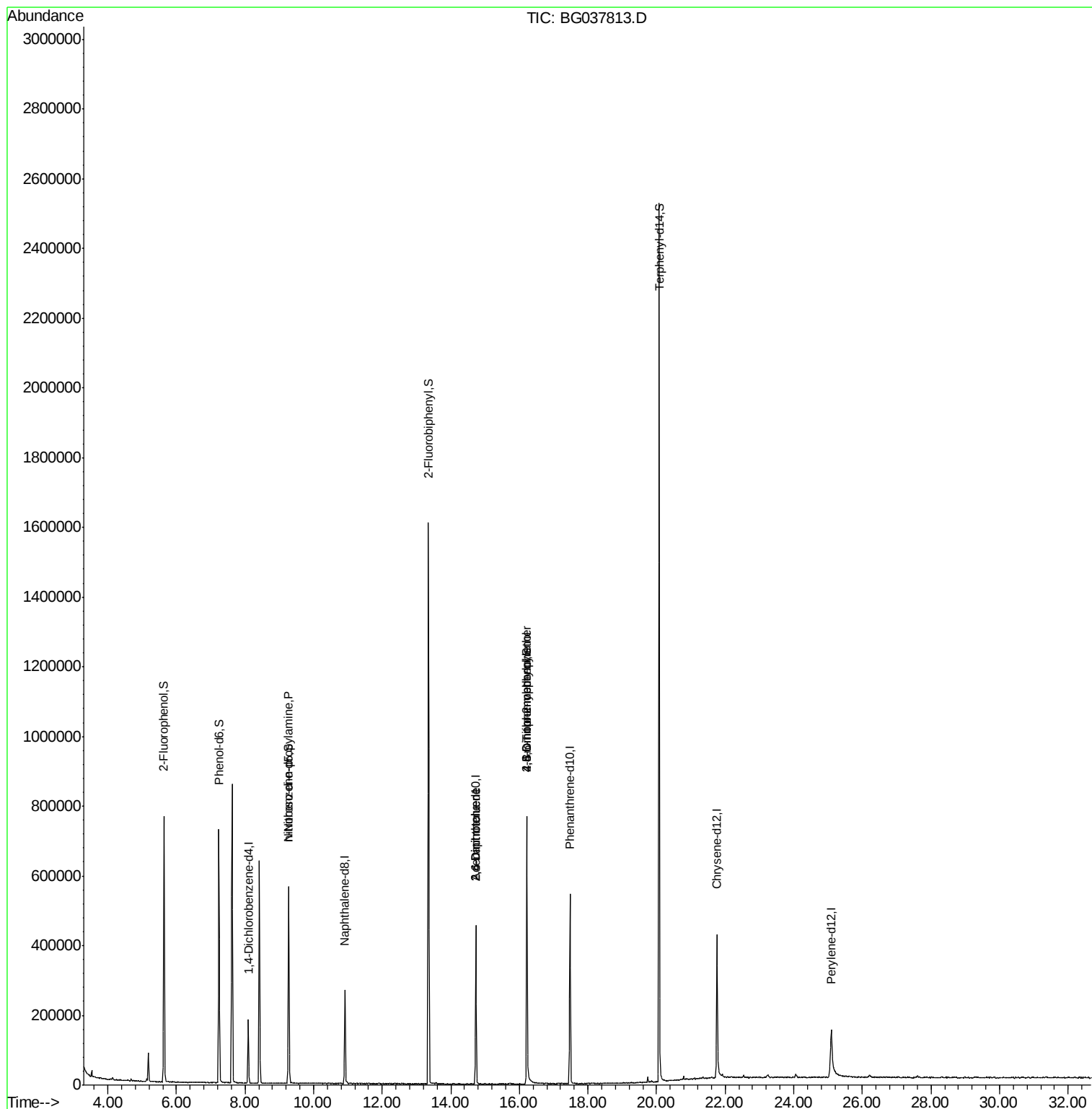
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.27	70	44998	12.813	ng	# 68
51) 2,6-Dinitrotoluene	14.72	165	21042	7.585	ng	# 24
57) 2,4-Dinitrotoluene	14.72	165	21042	5.778	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	409	8.687	ng	76
67) 4-Bromophenyl-phenylether	16.22	248	11422	2.919	ng	# 1

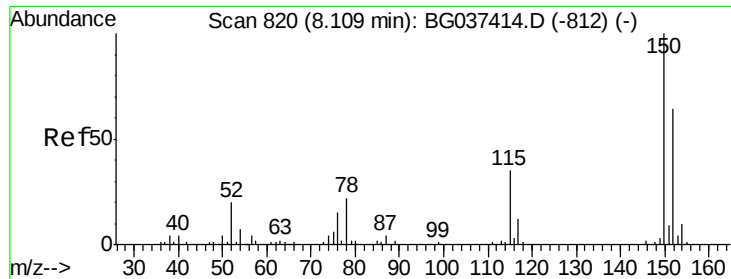
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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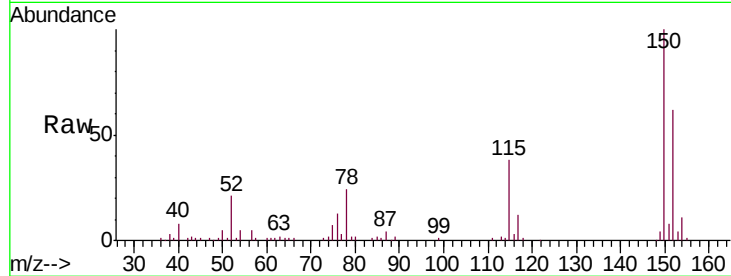


#1

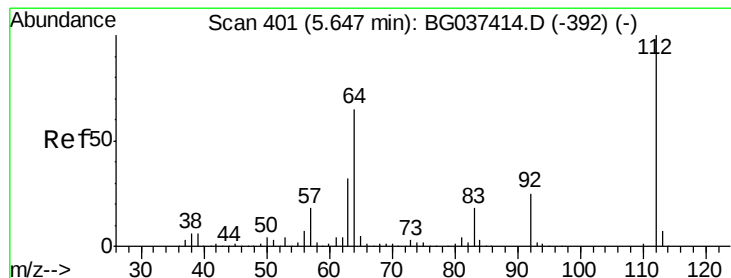
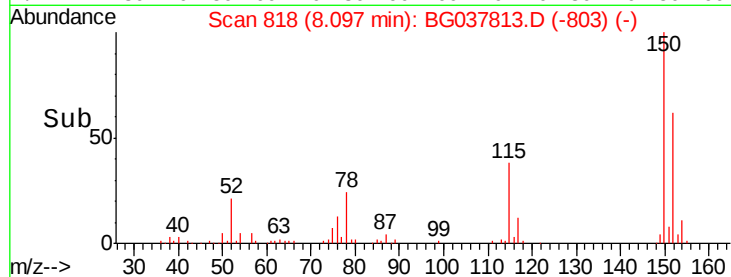
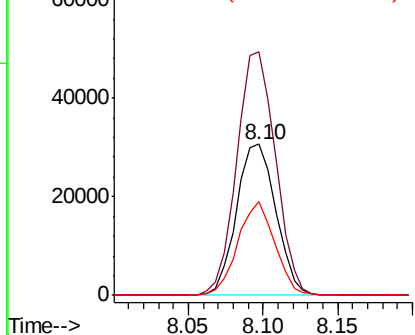
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tgt Ion:152 Resp: 56388
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 61.9 45.5 68.3



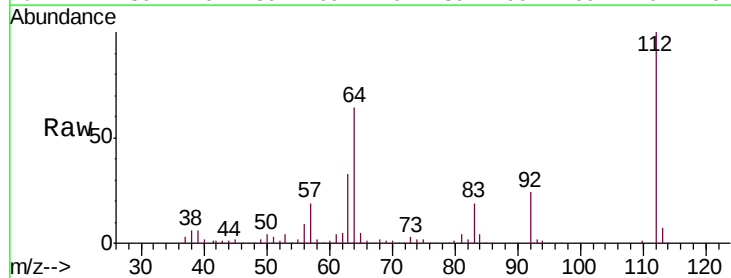
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



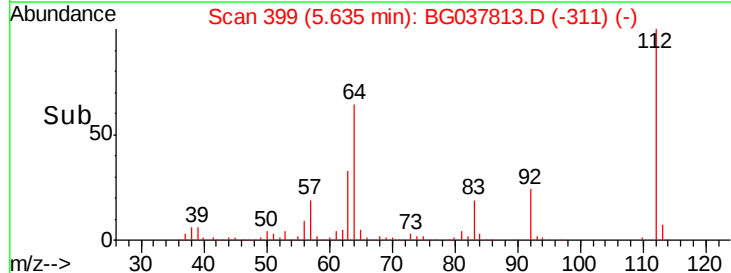
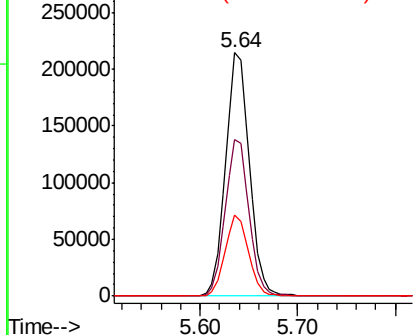
#5

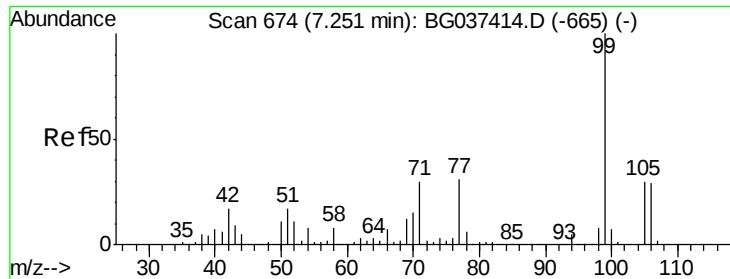
2-Fluorophenol
Concen: 107.939 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Tgt Ion:112 Resp: 364054
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 33.1 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: 91.623 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Instrument :

BNA_G

ClientSampleId :

TP-11-S

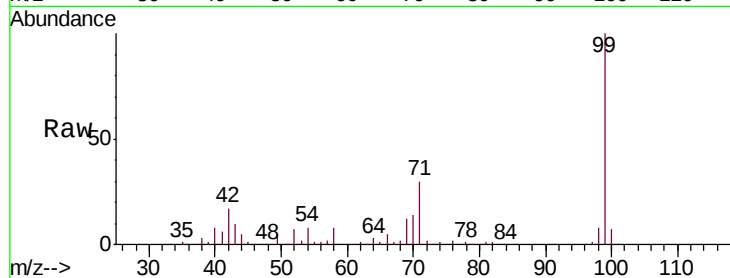
Tgt Ion: 99 Resp: 467284

Ion Ratio Lower Upper

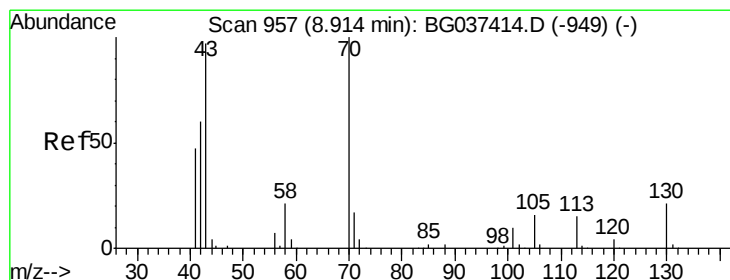
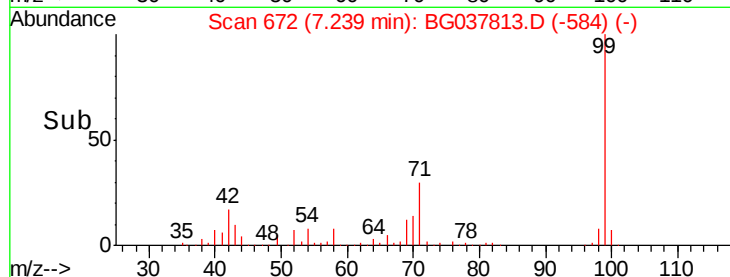
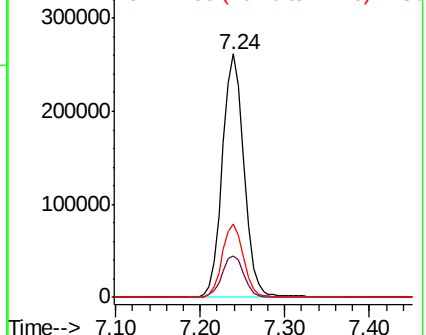
99 100

42 17.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.813 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Tgt Ion: 70 Resp: 44998

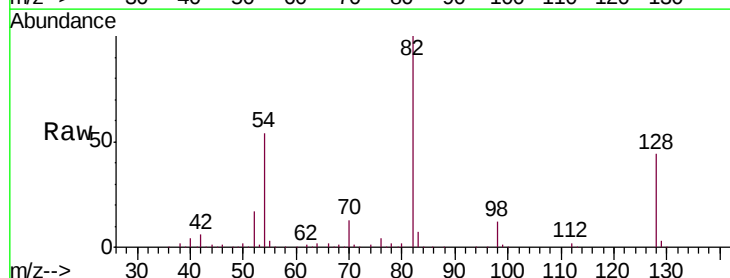
Ion Ratio Lower Upper

70 100

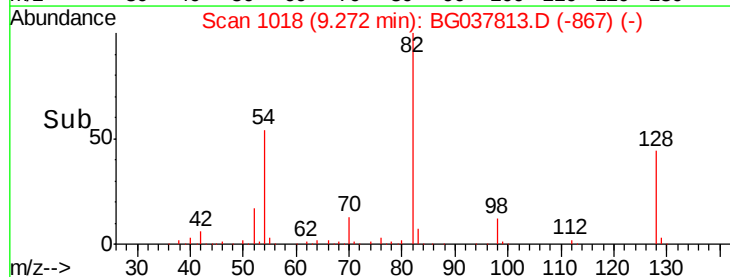
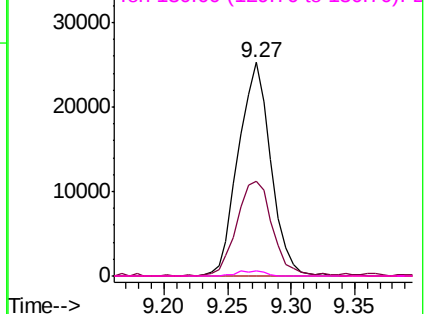
42 44.5 53.9 80.9#

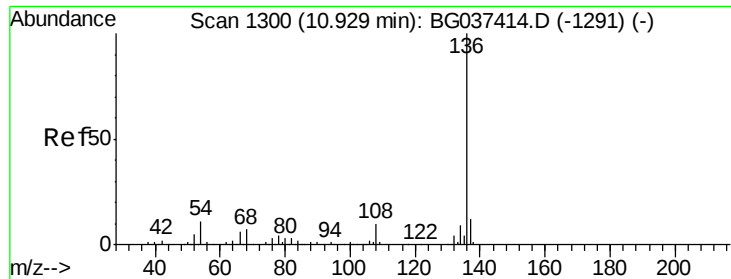
101 0.0 8.2 12.2#

130 2.2 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

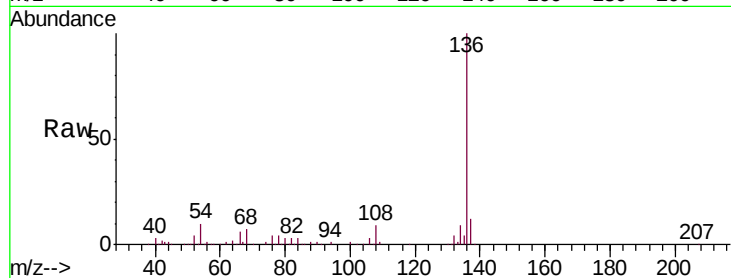




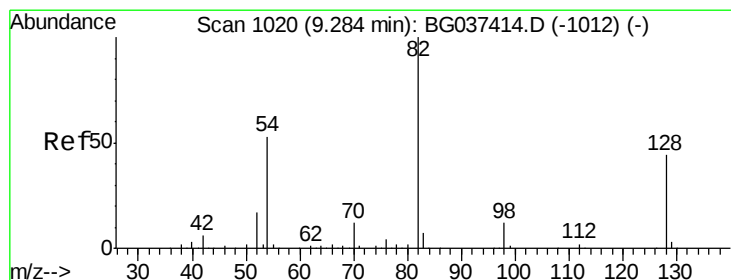
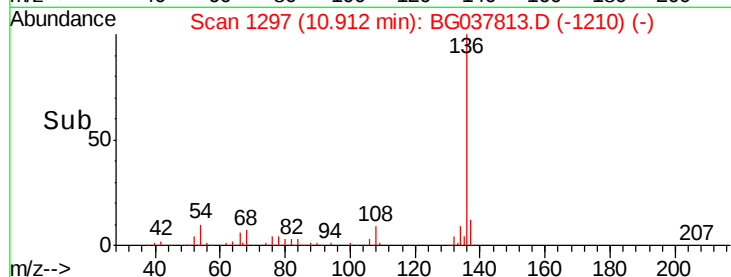
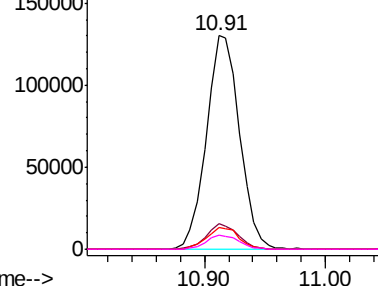
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tgt Ion:	136	Resp:	248869
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.2	7.9	11.9
68	6.8	4.8	7.2

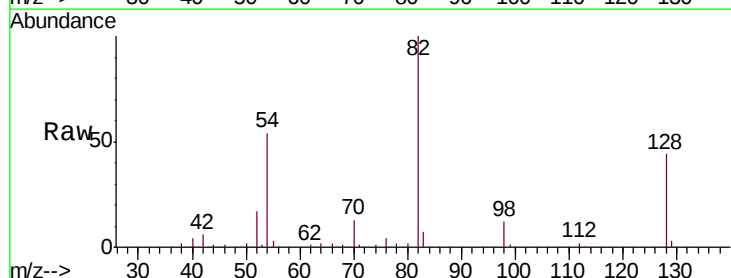


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

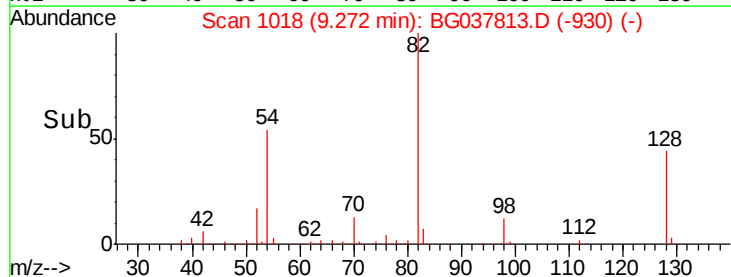
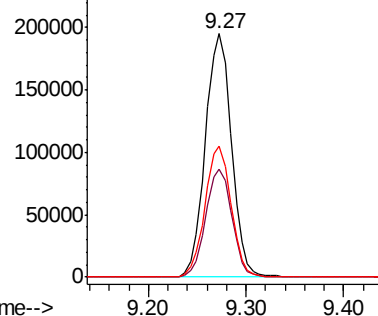


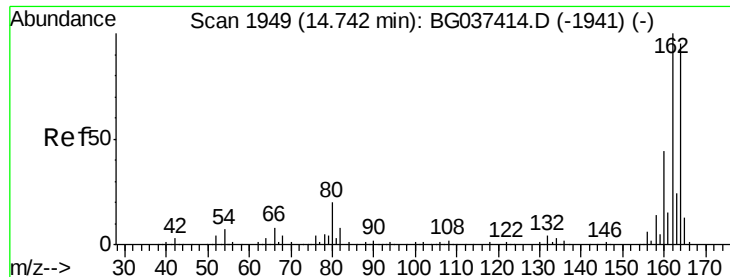
#23
Nitrobenzene-d5
Concen: 82.152 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Tgt Ion:	82	Resp:	364969
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	53.7	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

Instrument :

BNA_G

ClientSampleId :

TP-11-S

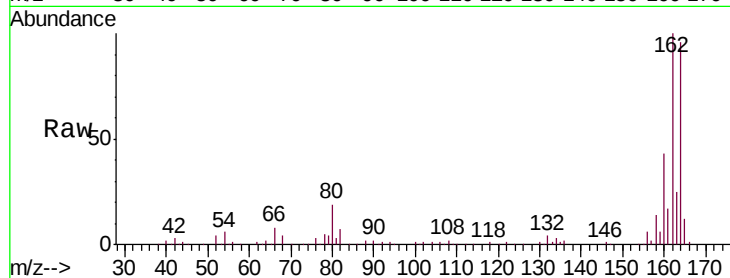
Tgt Ion:164 Resp: 162094

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

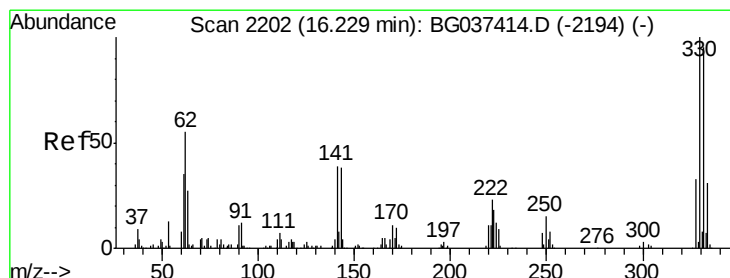
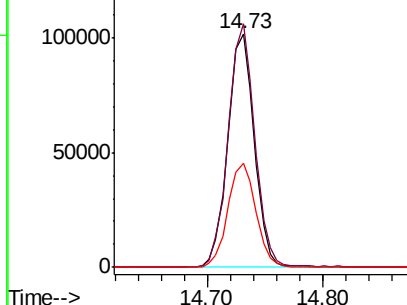
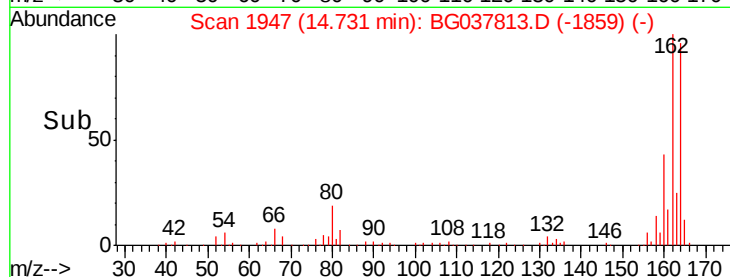
160 44.6 36.3 54.5



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: 93.676 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037813.D

Acq: 5 Nov 2018 21:41

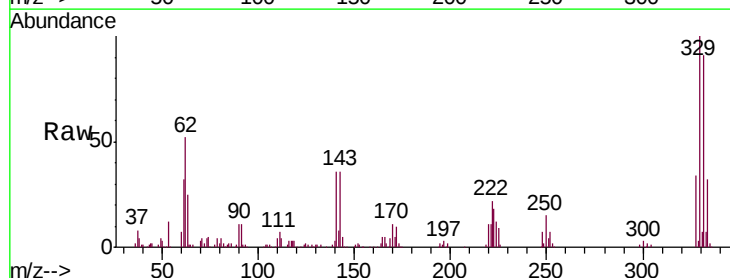
Tgt Ion:330 Resp: 165613

Ion Ratio Lower Upper

330 100

332 91.6 78.4 117.6

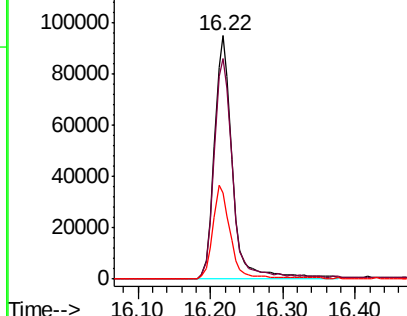
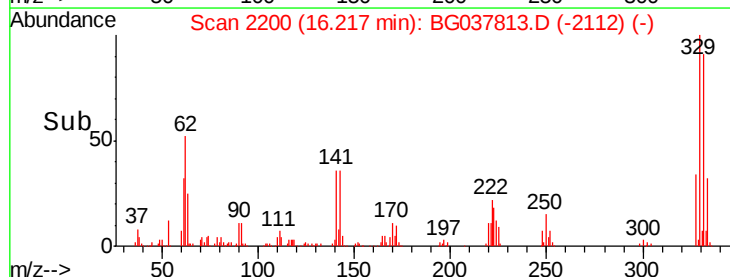
141 37.1 32.2 48.2

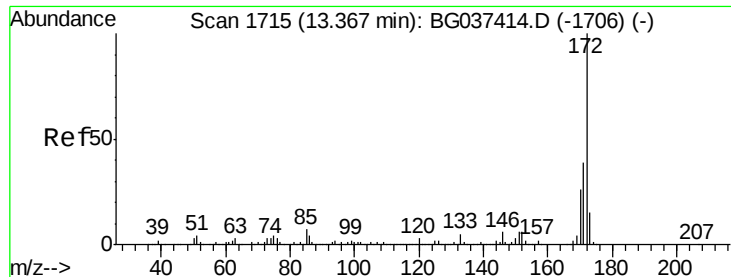


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

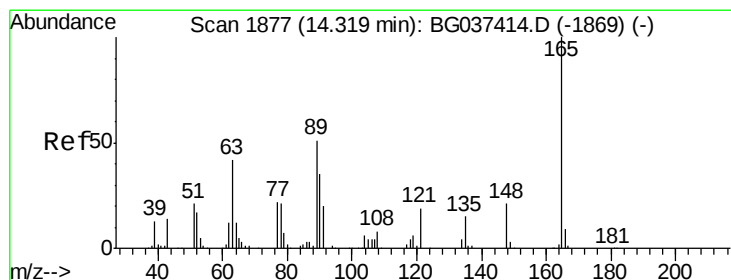
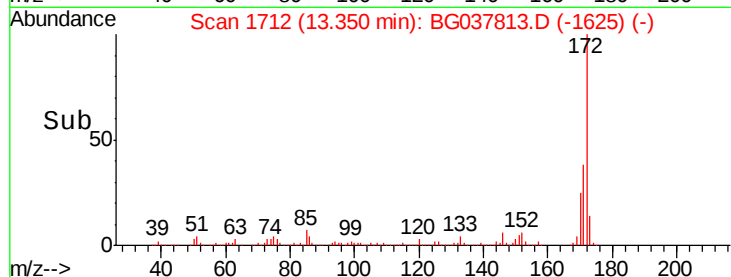
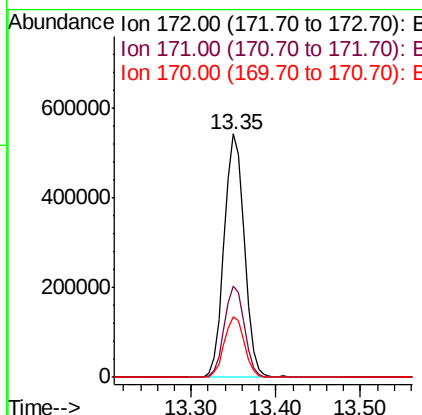
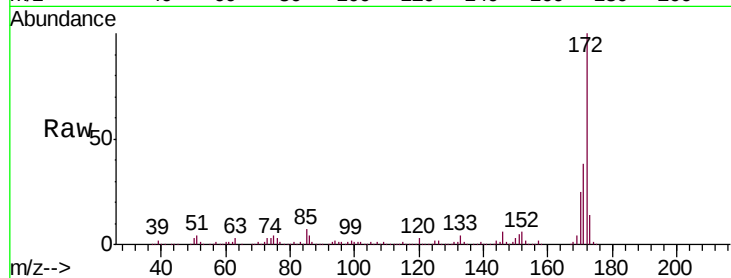




#45
 2-Fluorobiphenyl
 Concen: 83.255 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037813.D
 Acq: 5 Nov 2018 21:41

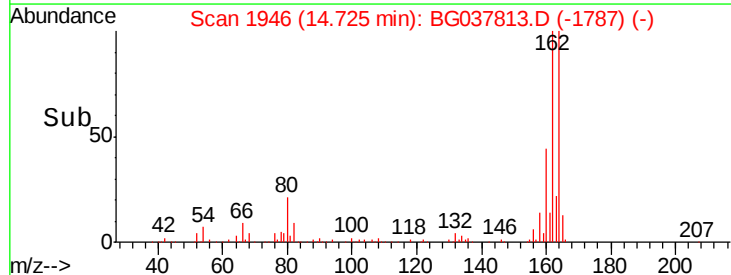
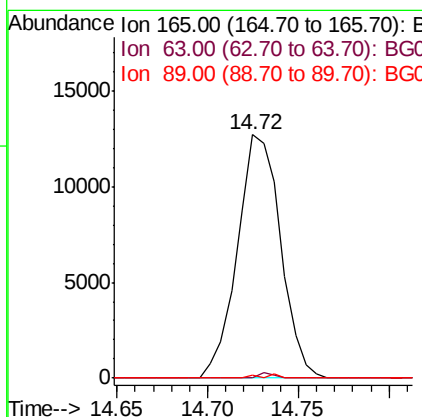
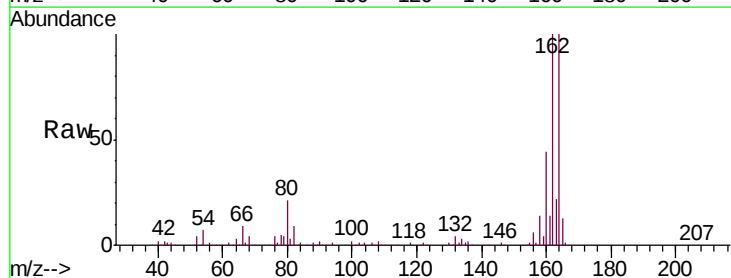
Instrument :
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 TP-11-S

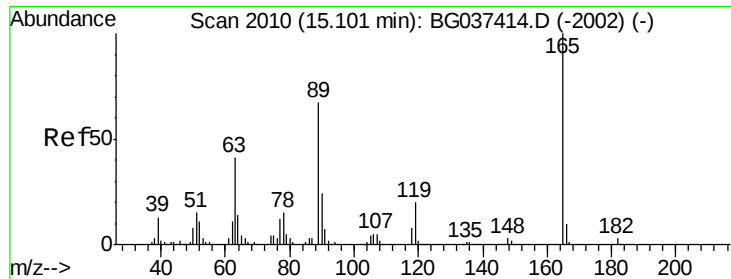
Tgt Ion:172 Resp: 894931
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 25.0 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.585 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG037813.D
 Acq: 5 Nov 2018 21:41

Tgt Ion:165 Resp: 21042
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 1.4 45.8 68.6#

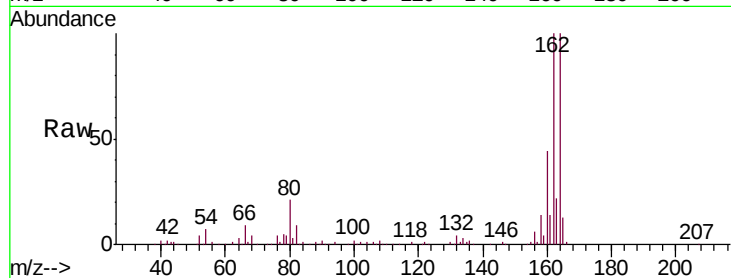




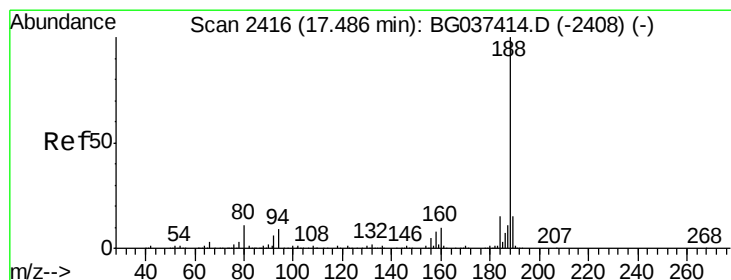
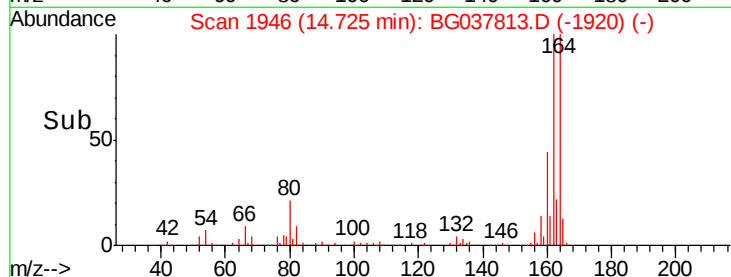
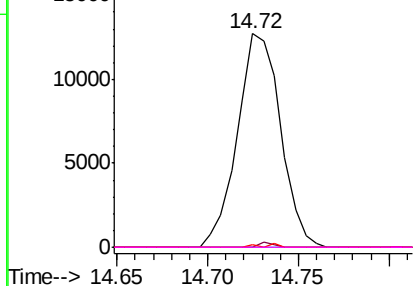
#57
 2,4-Dinitrotoluene
 Concen: 5.778 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037813.D
 Acq: 5 Nov 2018 21:41

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Tgt Ion:165 Resp: 21042
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 1.4 57.2 85.8#
 182 0.0 2.6 4.0#

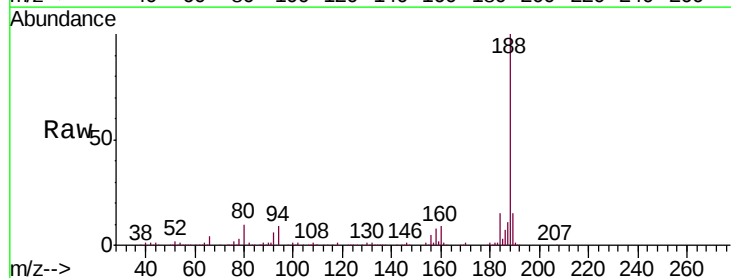


Abundance Ion 165.00 (164.70 to 165.70): E
 20000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

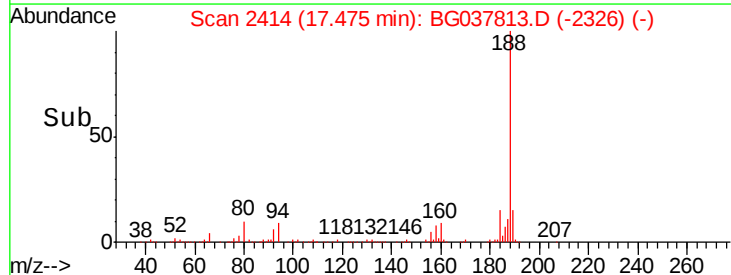
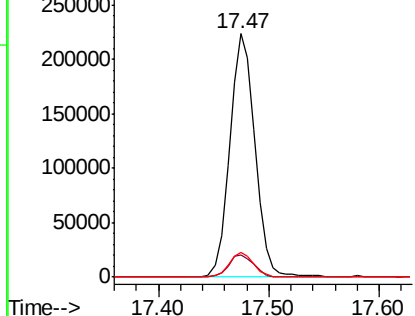


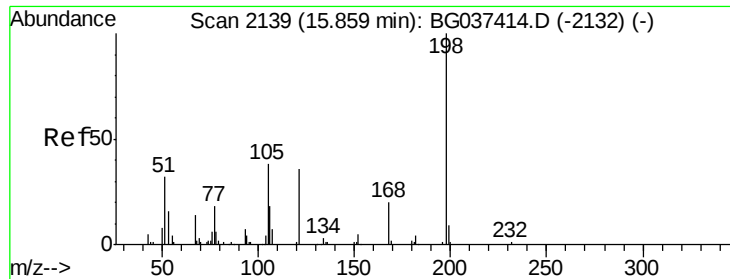
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037813.D
 Acq: 5 Nov 2018 21:41

Tgt Ion:188 Resp: 356302
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 300000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

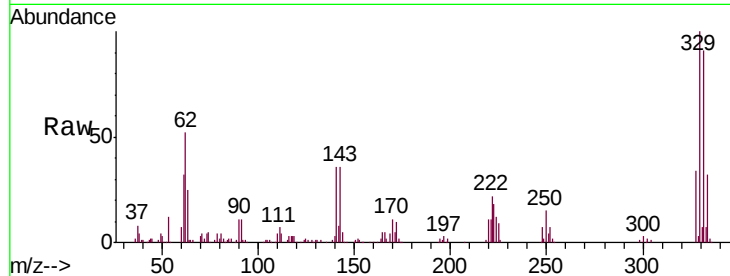




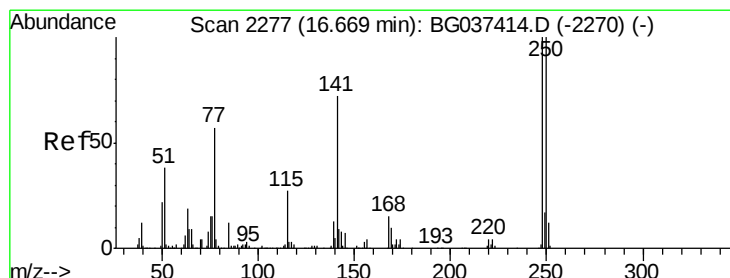
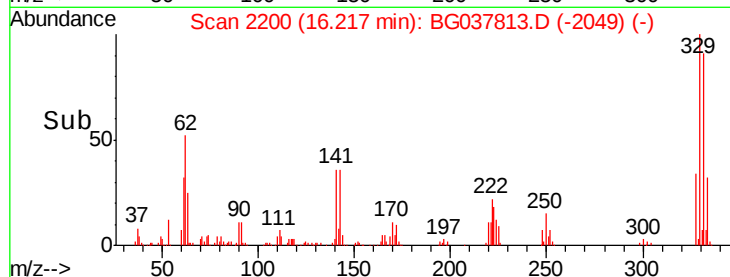
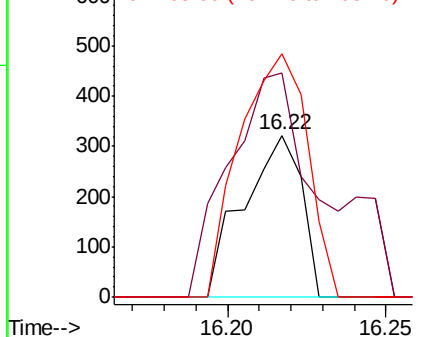
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.687 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037813.D
 Acq: 5 Nov 2018 21:41

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Tgt Ion:198 Resp: 409
 Ion Ratio Lower Upper
 198 100
 51 25.3 22.7 62.7
 105 27.4 19.7 59.7

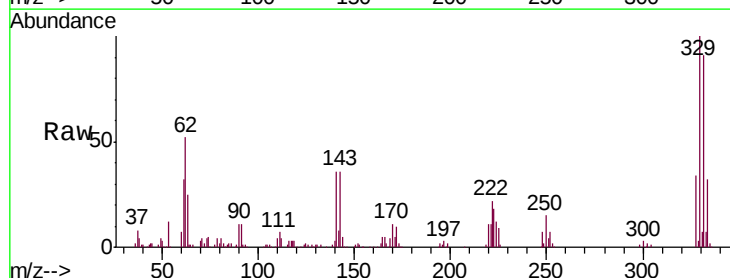


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

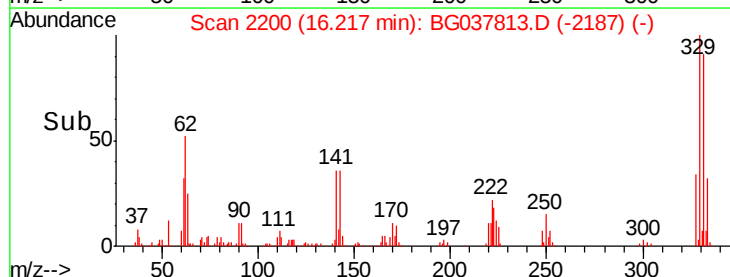
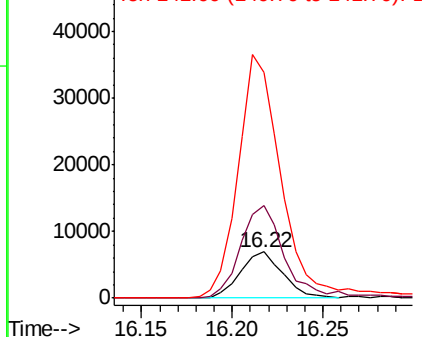


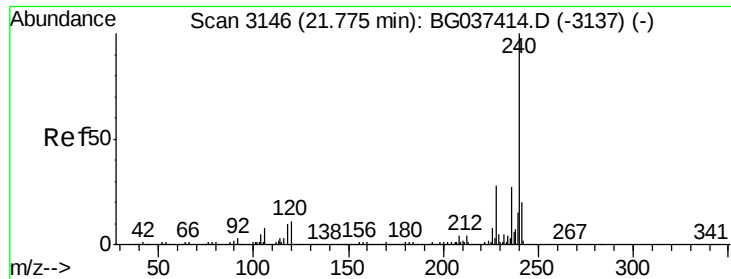
#67
 4-Bromophenyl-phenylether
 Concen: 2.919 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037813.D
 Acq: 5 Nov 2018 21:41

Tgt Ion:248 Resp: 11422
 Ion Ratio Lower Upper
 248 100
 250 195.9 77.0 115.6#
 141 375.2 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

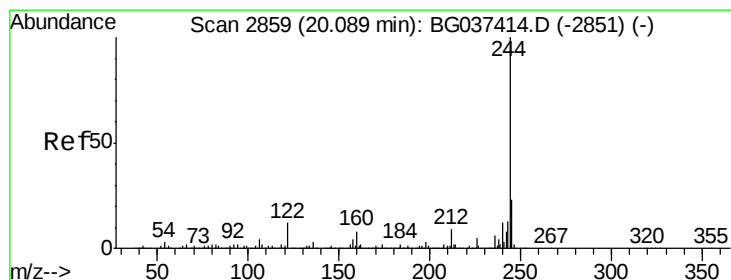
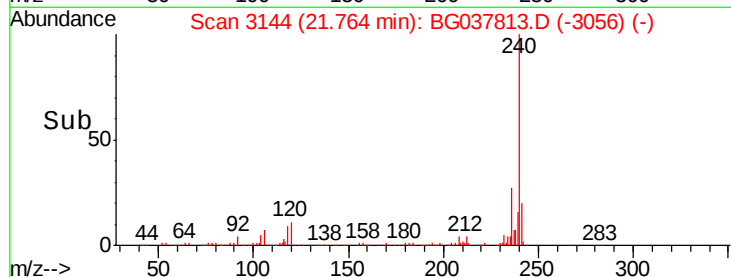
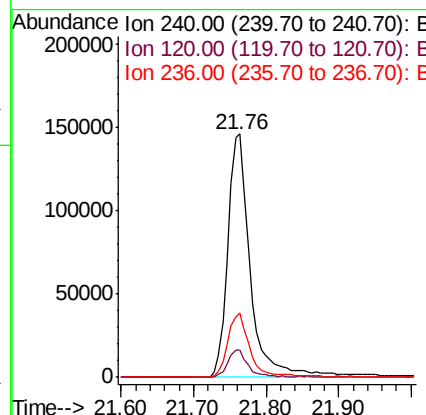
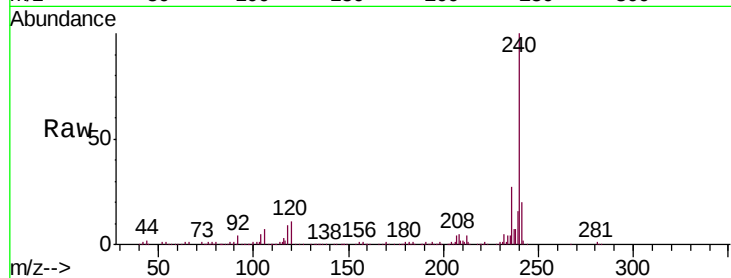




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

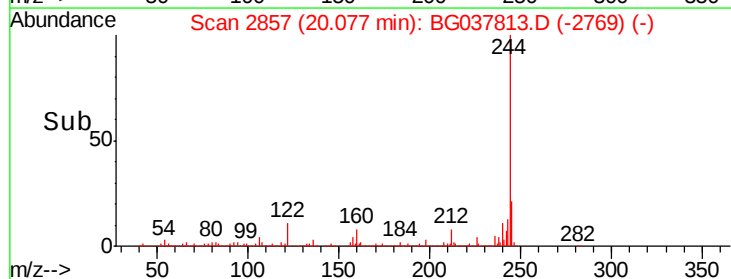
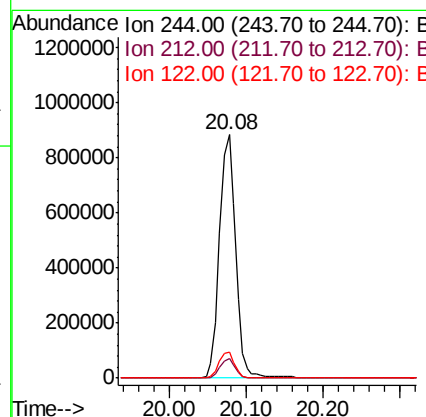
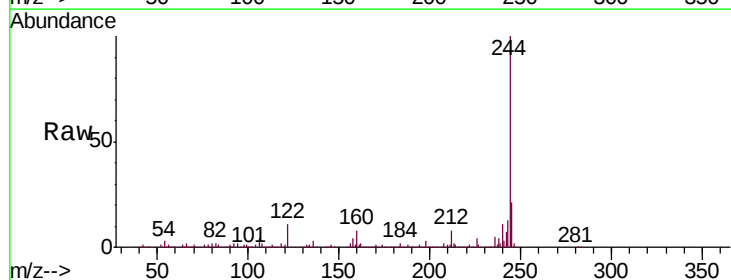
Instrument :
BNA_G
ClientSampleId :
TP-11-S

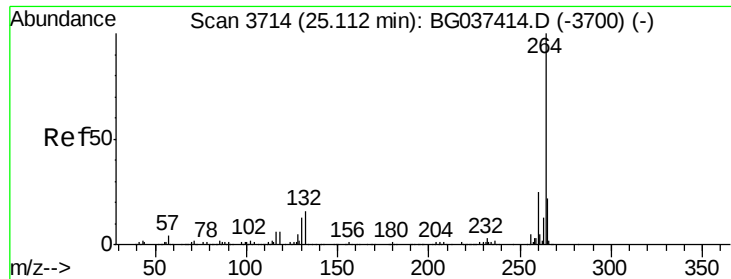
Tgt Ion:240 Resp: 314826
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.6 21.4 32.0



#79
Terphenyl-d14
Concen: 86.893 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Tgt Ion:244 Resp: 1280263
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 10.7 9.0 13.4



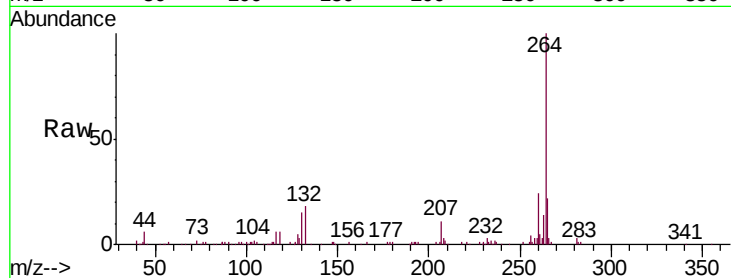


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037813.D
Acq: 5 Nov 2018 21:41

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tgt Ion: 264 Resp: 231075

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.7	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

