

Data File : BG037790.D
Acq On : 3 Nov 2018 14:18
Operator : JU/SJ
Sample : J5759-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Time: Nov 05 03:57:17 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	58558	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	260184	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	172213	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	391268	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	343320	20.00	ng	-0.01
87) Perylene-d12	25.10	264	273924	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	379503	108.35	ng	0.00
7) Phenol-d6	7.24	99	494064	93.28	ng	-0.01
23) Nitrobenzene-d5	9.27	82	384487	82.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	180771	96.24	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	946552	82.88	ng	-0.02
79) Terphenyl-d14	20.08	244	1359598	84.62	ng	-0.01

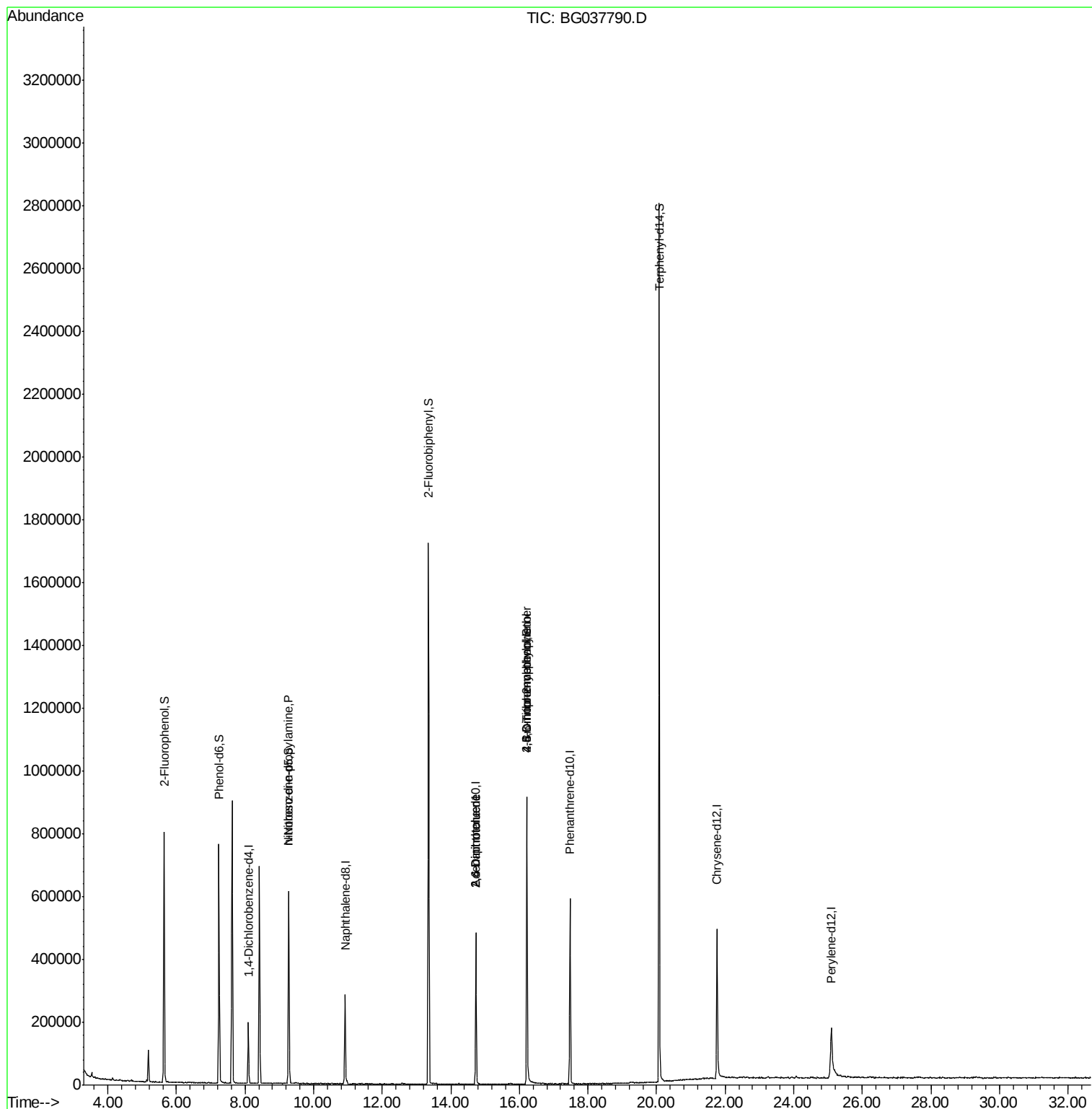
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.27	70	48789	13.377	ng	# 65
51) 2,6-Dinitrotoluene	14.73	165	22515	7.639	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22515	5.820	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	370	8.656	ng	77
67) 4-Bromophenyl-phenylether	16.22	248	13299	3.095	ng	# 1

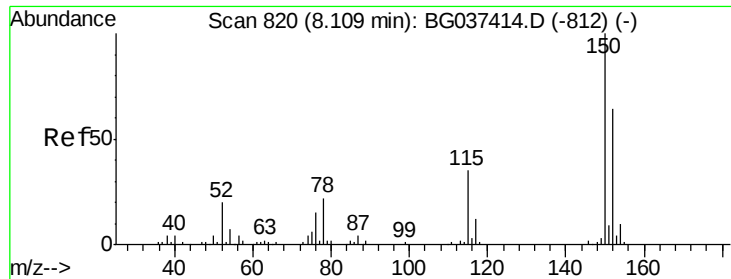
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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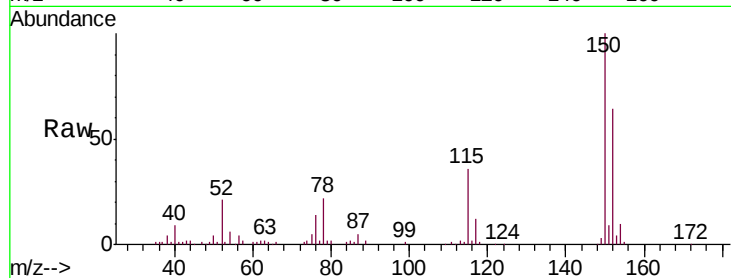


#1

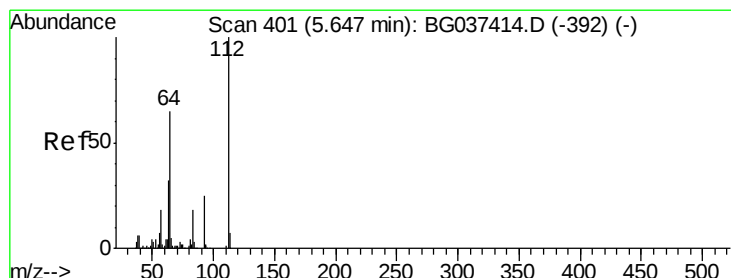
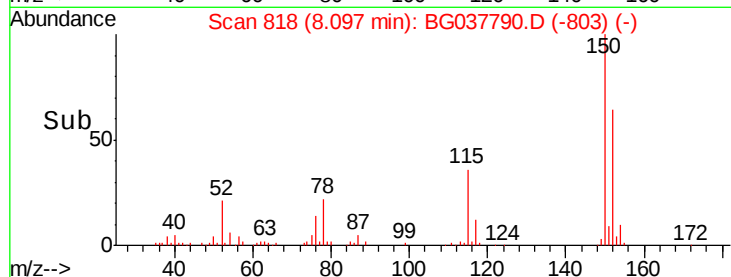
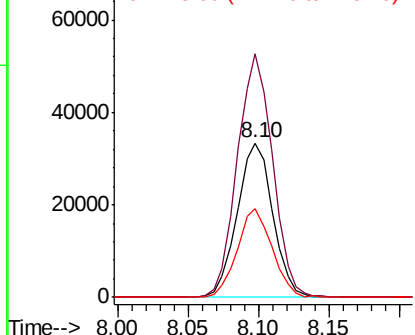
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 58558
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 57.4 45.5 68.3



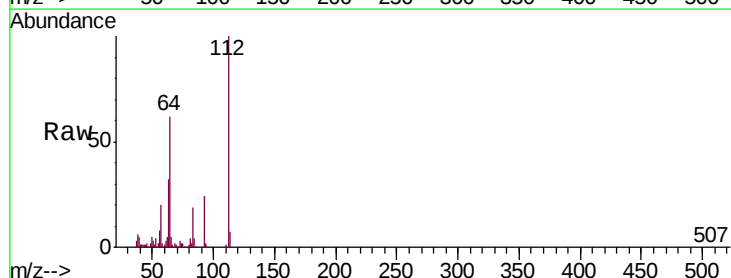
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



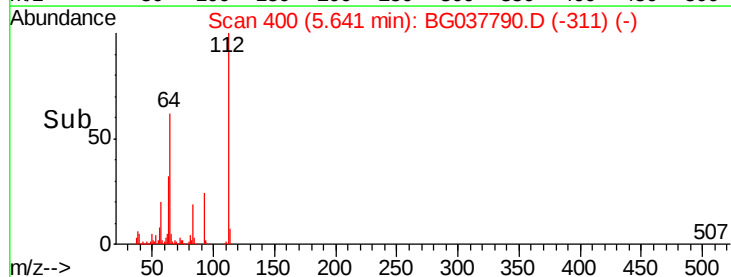
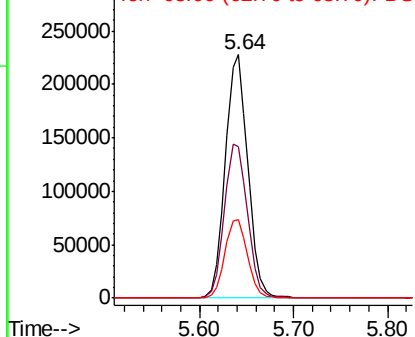
#5

2-Fluorophenol
Concen: 108.350 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Tgt Ion:112 Resp: 379503
Ion Ratio Lower Upper
112 100
64 62.5 53.1 79.7
63 32.2 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: 93.284 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037790.D

Acq: 3 Nov 2018 14:18

Instrument :

BNA_G

ClientSampleId :

TP-3

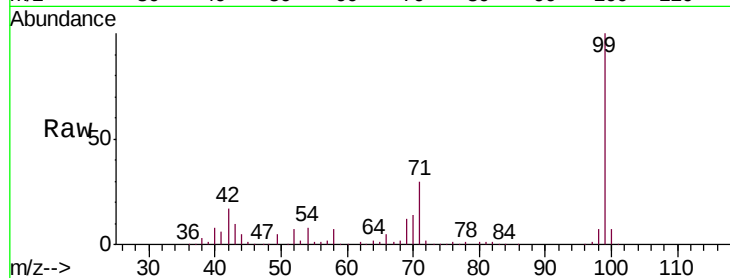
Tgt Ion: 99 Resp: 494064

Ion Ratio Lower Upper

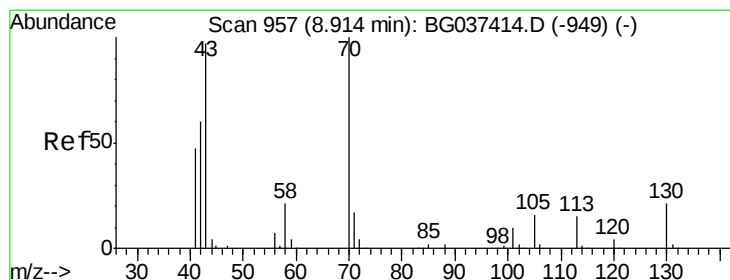
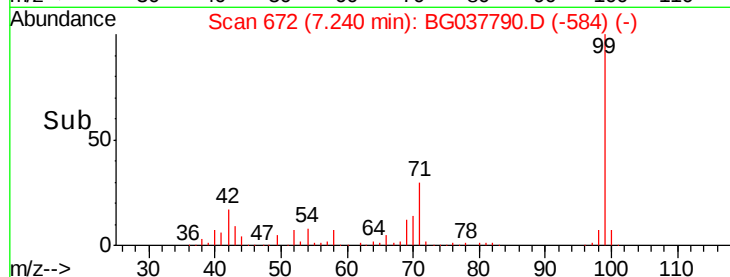
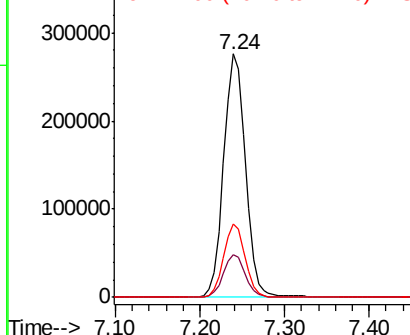
99 100

42 17.4 15.0 22.4

71 30.0 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: 13.377 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037790.D

Acq: 3 Nov 2018 14:18

Tgt Ion: 70 Resp: 48789

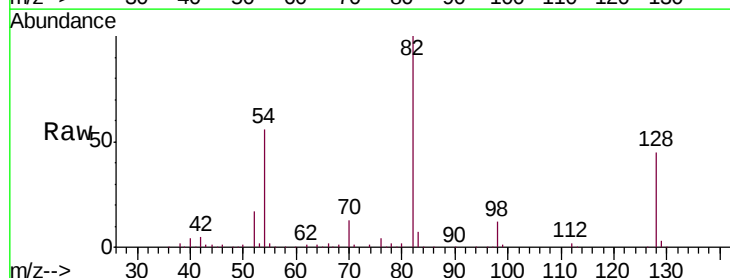
Ion Ratio Lower Upper

70 100

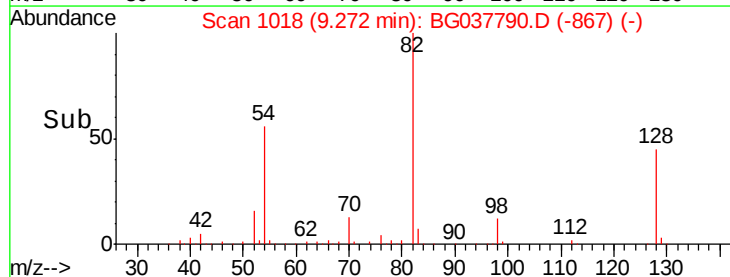
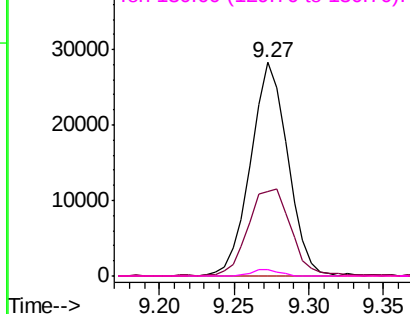
42 39.8 53.9 80.9#

101 0.0 8.2 12.2#

130 3.2 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

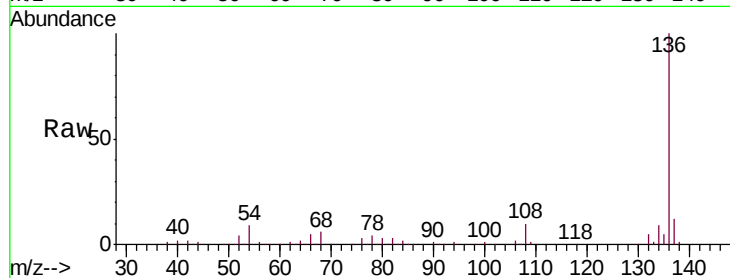




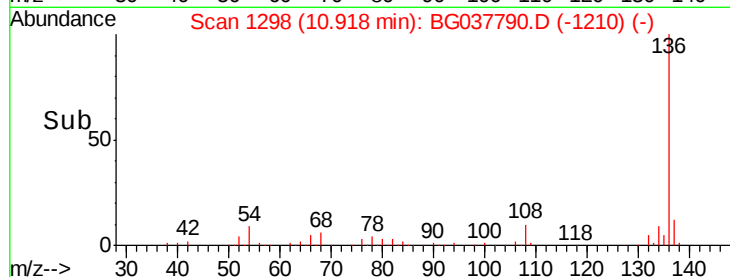
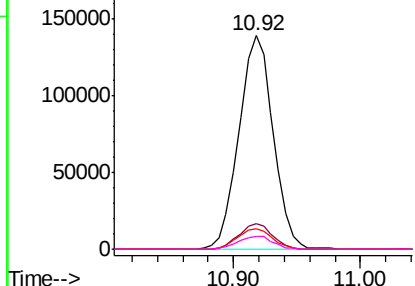
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:	136	Resp:	260184
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.4	7.9	11.9
68	6.2	4.8	7.2

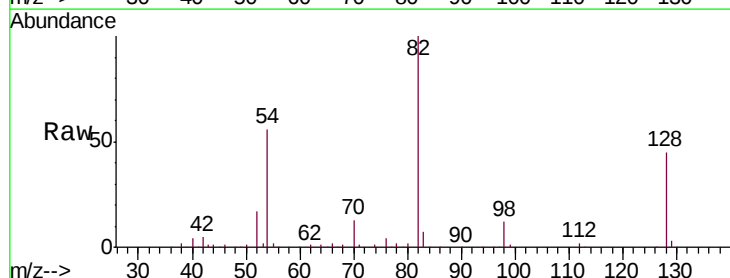


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

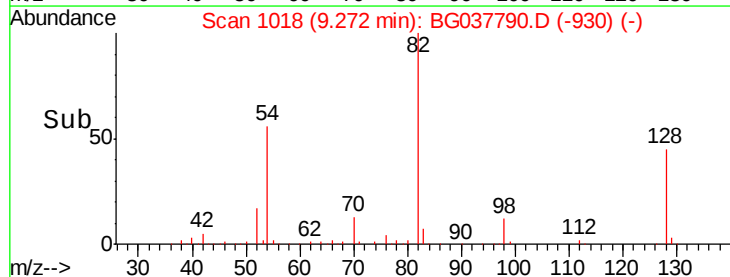
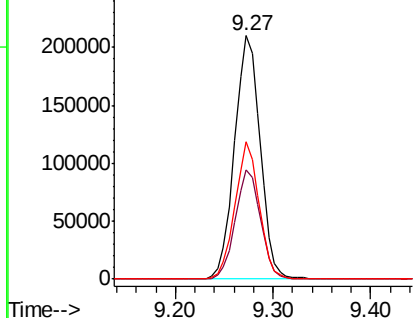


#23
Nitrobenzene-d5
Concen: 82.782 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Tgt Ion:	82	Resp:	384487
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	56.4	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG037790.D

Acq: 3 Nov 2018 14:18

Instrument :

BNA_G

ClientSampled :

TP-3

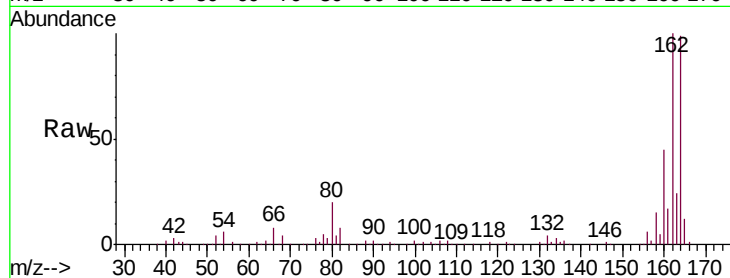
Tgt Ion:164 Resp: 172213

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

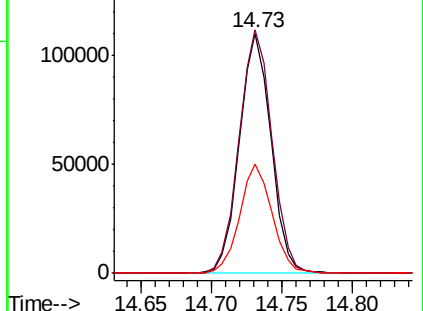
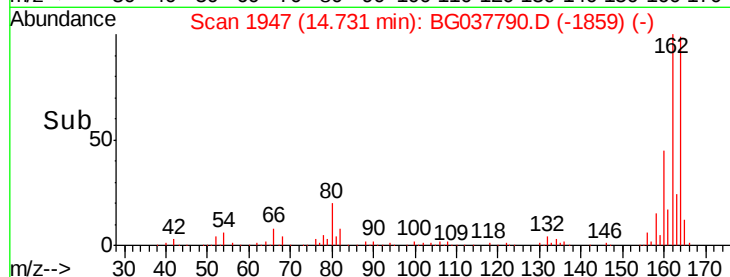
160 45.7 36.3 54.5



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: 96.241 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037790.D

Acq: 3 Nov 2018 14:18

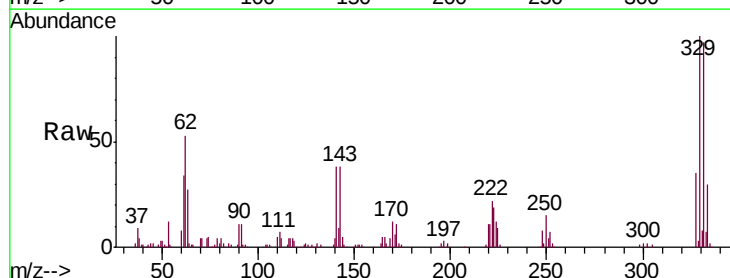
Tgt Ion:330 Resp: 180771

Ion Ratio Lower Upper

330 100

332 100.1 78.4 117.6

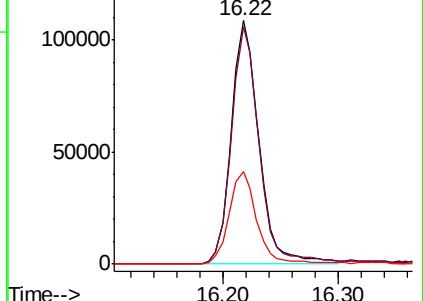
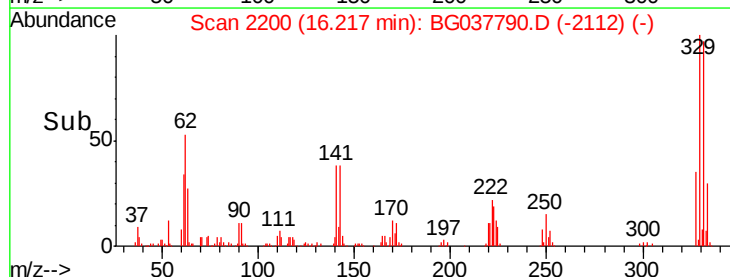
141 38.5 32.2 48.2

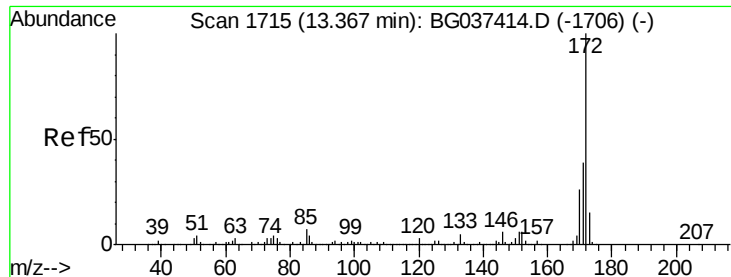


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

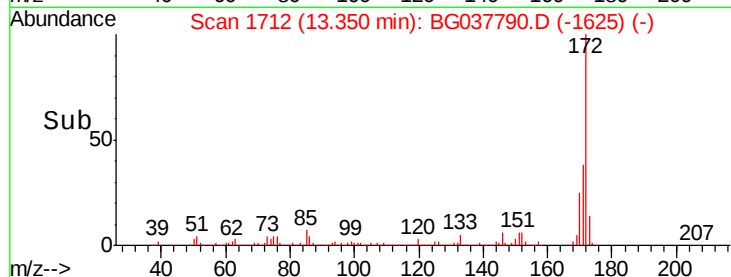
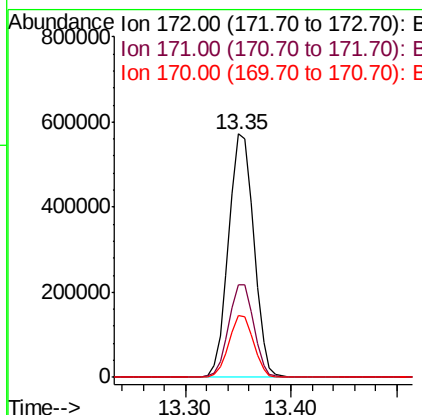
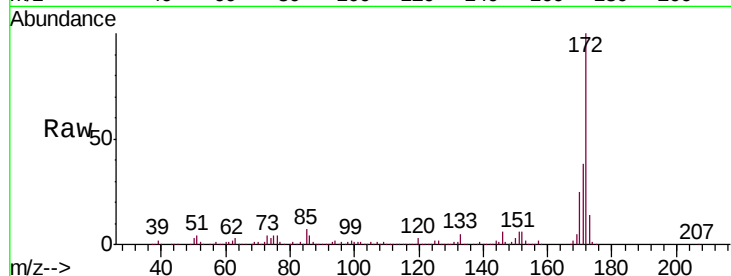




#45
 2-Fluorobiphenyl
 Concen: 82.883 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037790.D
 Acq: 3 Nov 2018 14:18

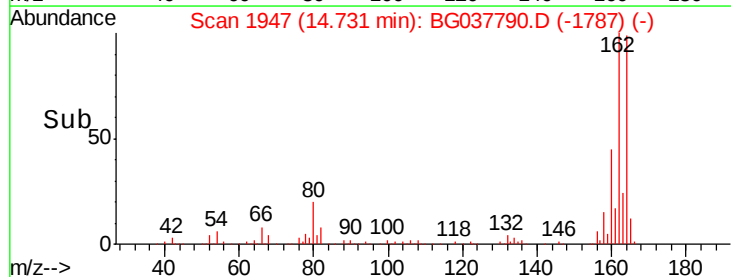
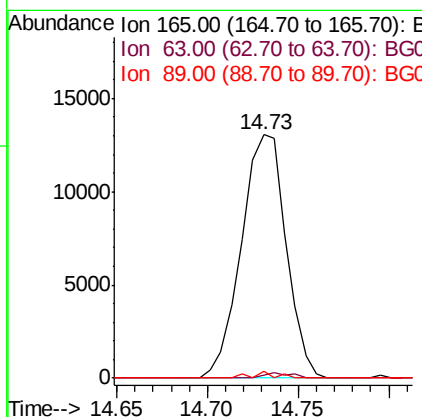
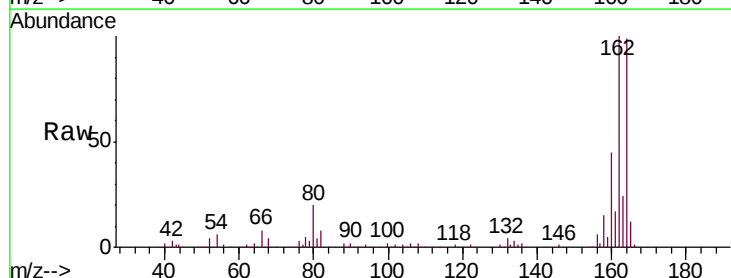
Instrument :
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 TP-3

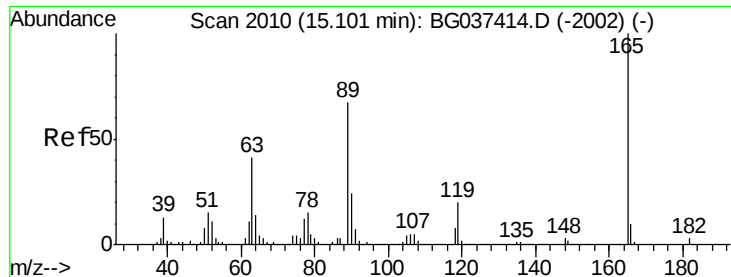
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.639 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037790.D
 Acq: 3 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	2.8	45.8	68.6#

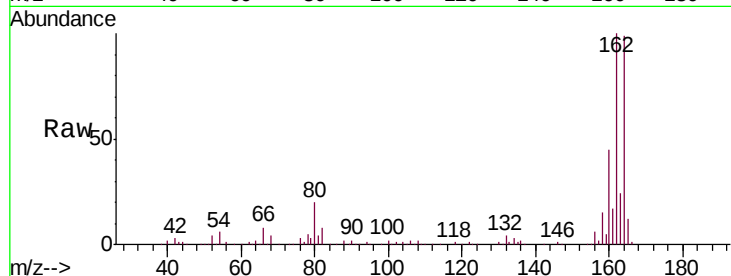




#57
 2,4-Dinitrotoluene
 Concen: 5.820 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037790.D
 Acq: 3 Nov 2018 14:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	2.8	57.2	85.8#
182	0.0	2.6	4.0#

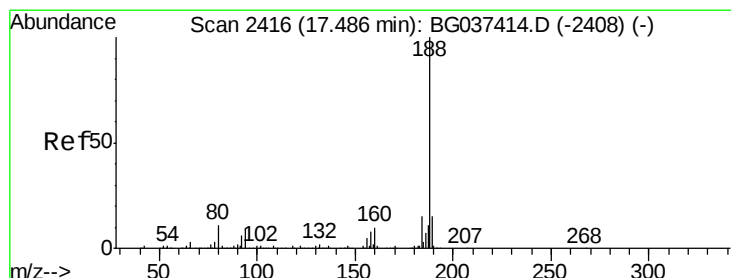
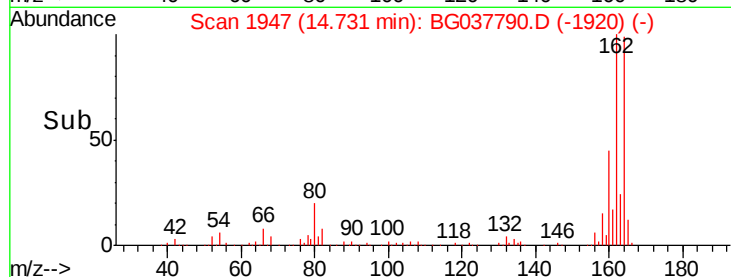
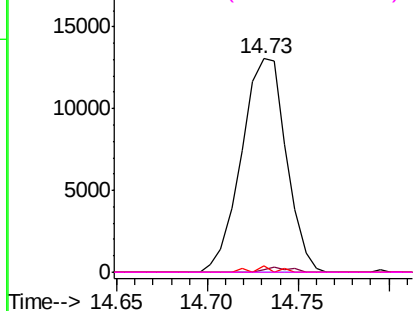


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

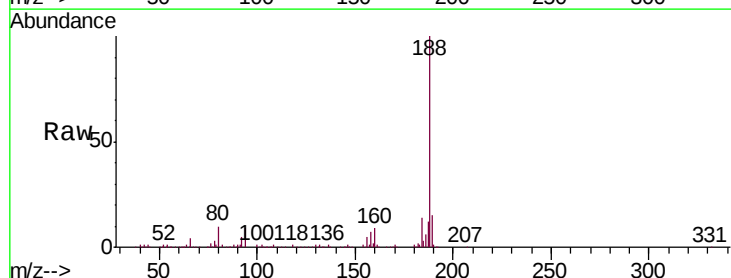
Ion 89.00 (88.70 to 89.70): BGC

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: BG037790.D
 Acq: 3 Nov 2018 14:18

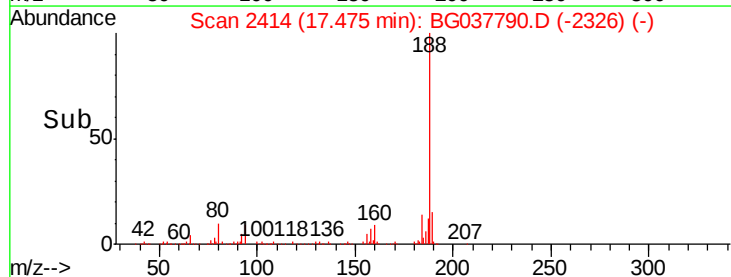
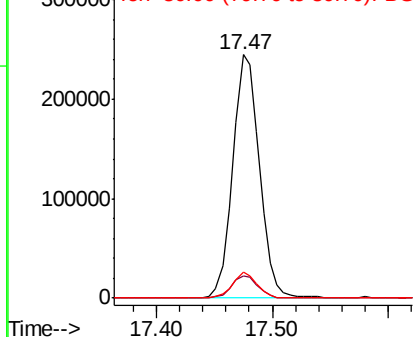
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.5	7.7	11.5

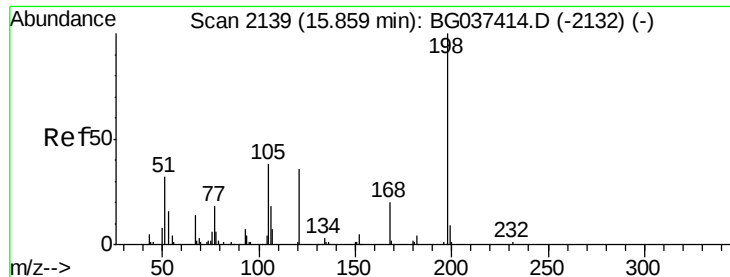


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

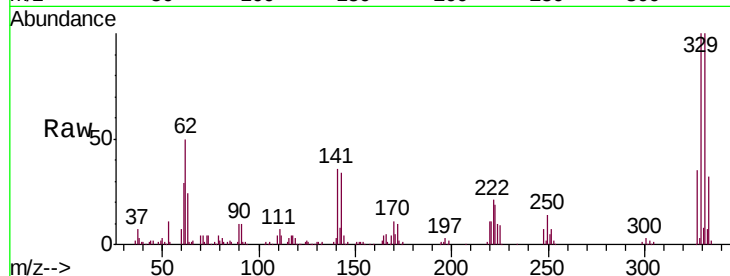




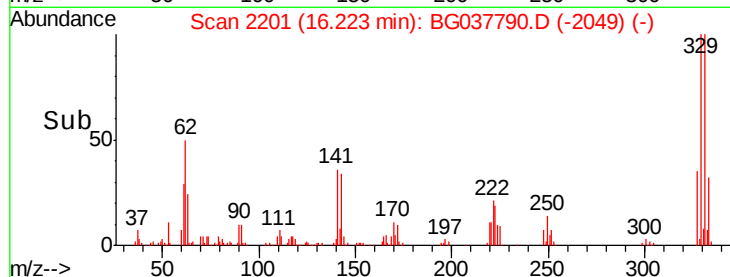
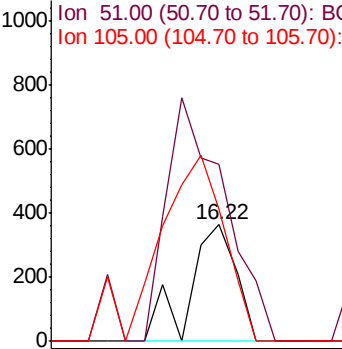
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.656 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.37 min
 Lab File: BG037790.D
 Acq: 3 Nov 2018 14:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:198 Resp: 370
 Ion Ratio Lower Upper
 198 100
 51 30.3 22.7 62.7
 105 22.7 19.7 59.7

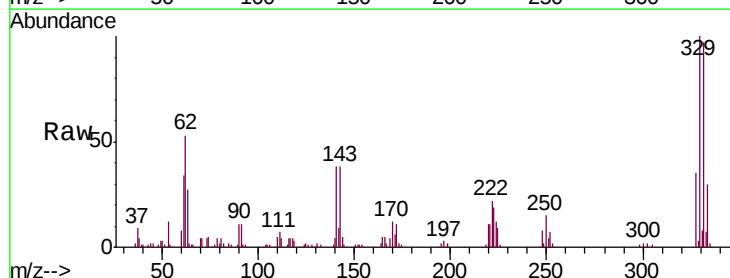


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

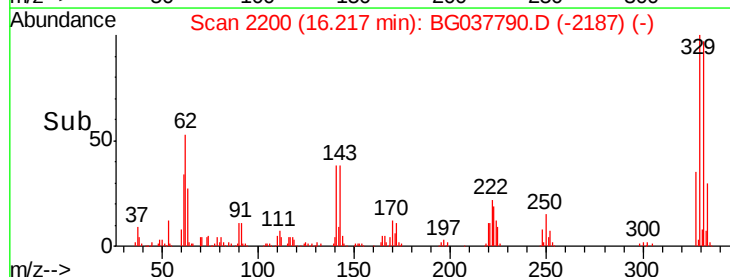
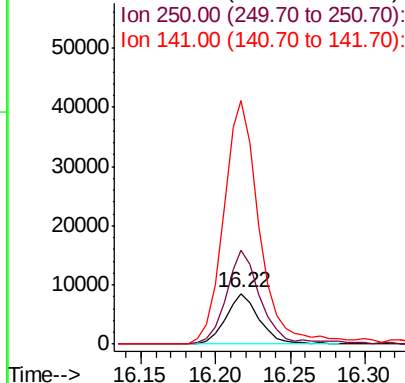


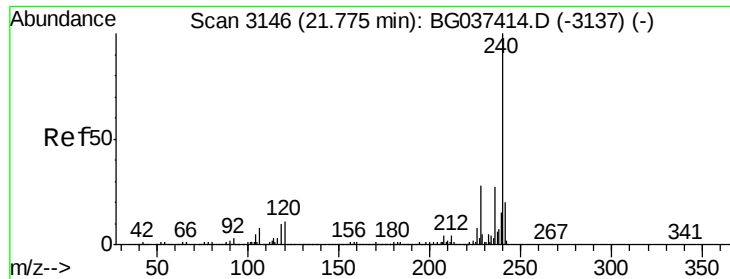
#67
 4-Bromophenyl-phenylether
 Concen: 3.095 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037790.D
 Acq: 3 Nov 2018 14:18

Tgt Ion:248 Resp: 13299
 Ion Ratio Lower Upper
 248 100
 250 192.8 77.0 115.6#
 141 382.8 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

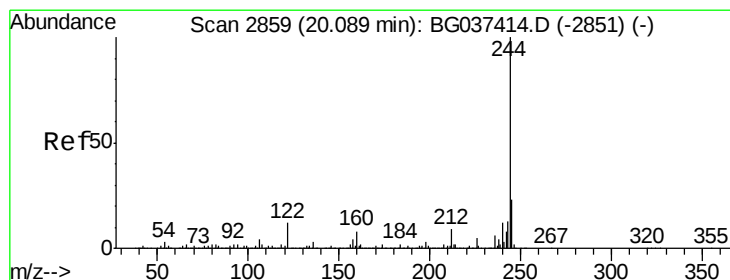
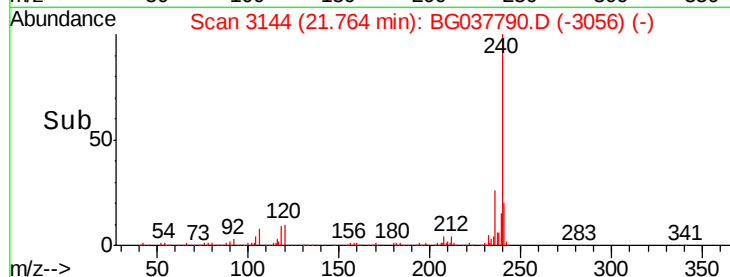
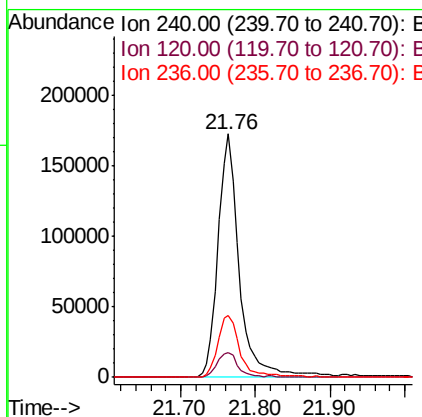
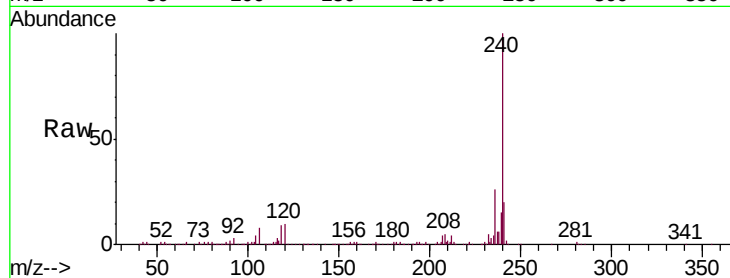




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

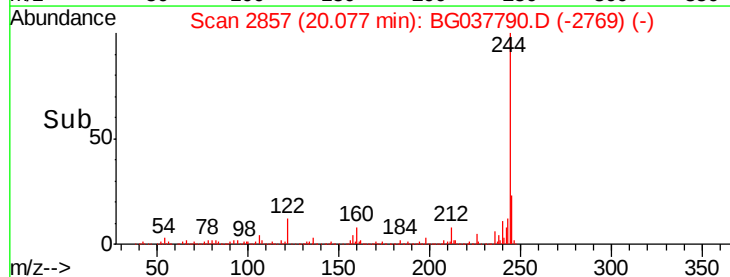
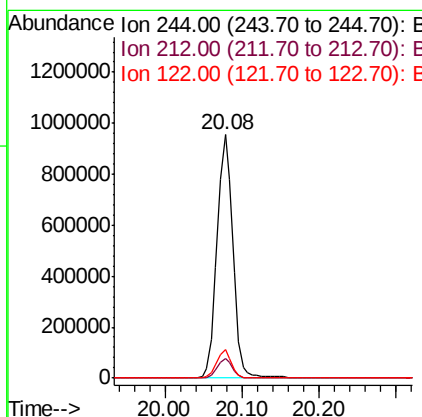
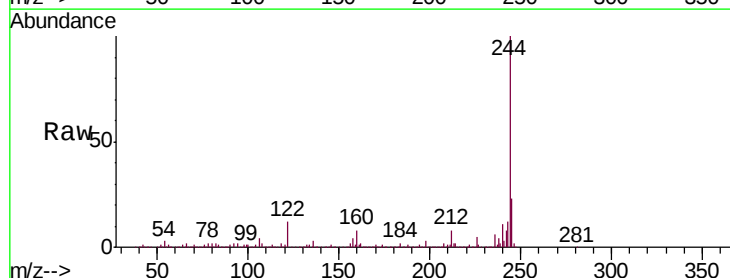
Instrument :
BNA_G
ClientSampleId :
TP-3

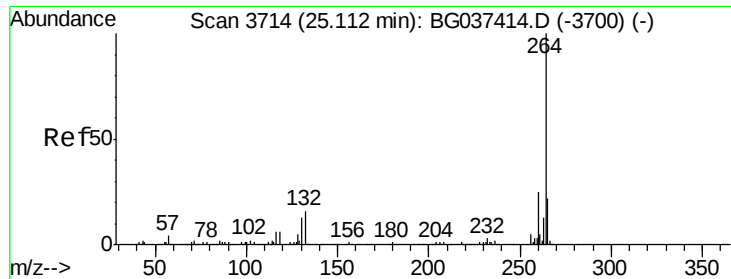
Tgt Ion:240 Resp: 343320
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 25.5 21.4 32.0



#79
Terphenyl-d14
Concen: 84.619 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Tgt Ion:244 Resp: 1359598
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 11.6 9.0 13.4

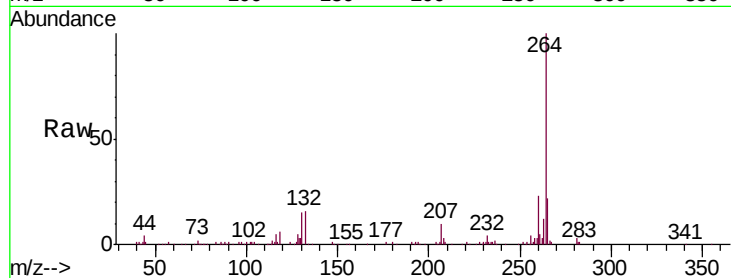




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037790.D
Acq: 3 Nov 2018 14:18

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.5	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

