

Data File : BG037812.D
Acq On : 5 Nov 2018 21:02
Operator : JU/SJ
Sample : J5794-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Quant Time: Nov 06 04:17:26 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	54640	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	245810	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	160450	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	356226	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	316248	20.00	ng	-0.02
87) Perylene-d12	25.10	264	232089	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	347891	106.45	ng	-0.01
7) Phenol-d6	7.24	99	447590	90.57	ng	-0.01
23) Nitrobenzene-d5	9.27	82	355187	80.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	160770	91.87	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	889685	83.61	ng	-0.02
79) Terphenyl-d14	20.07	244	1259226	85.08	ng	-0.02

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.27	70	44217	12.993	ng	# 67
51) 2,6-Dinitrotoluene	14.73	165	21204	7.722	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21204	5.883	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	297	8.638	ng	# 69
67) 4-Bromophenyl-phenylether	16.21	248	11362	2.904	ng	# 1

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

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TP-10B-S

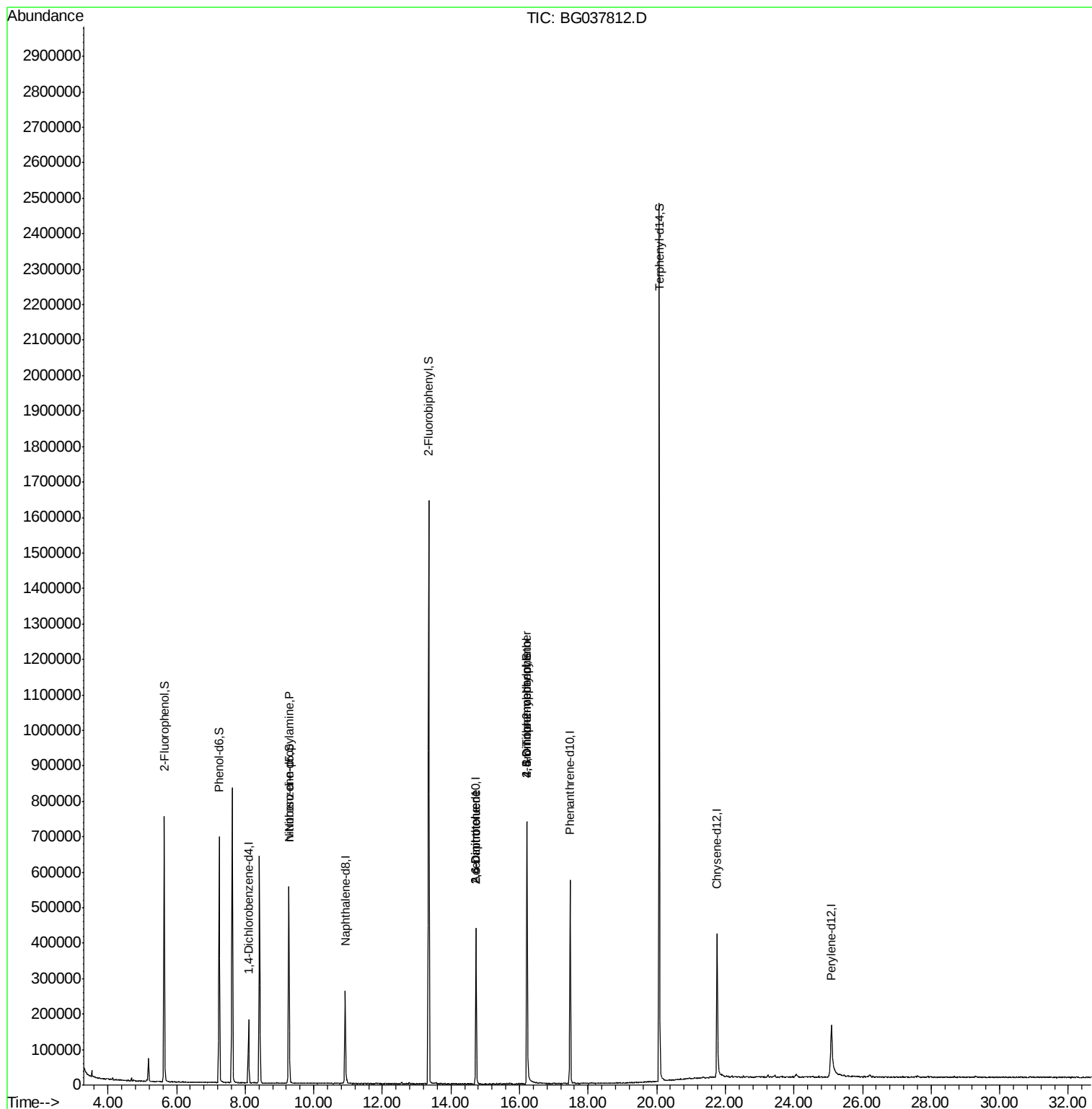
Quant Time: Nov 06 04:17:26 2018

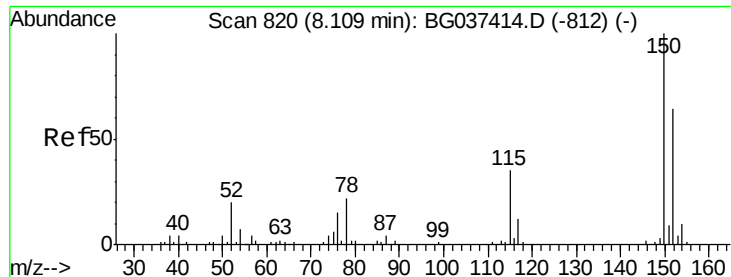
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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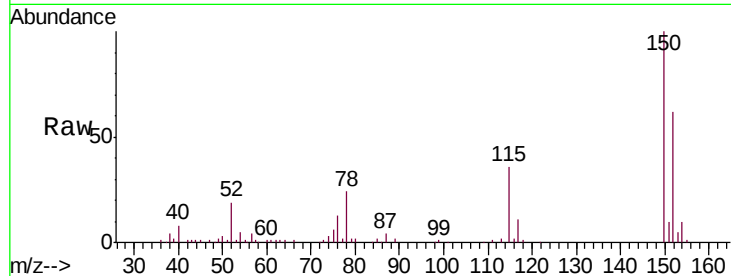


#1

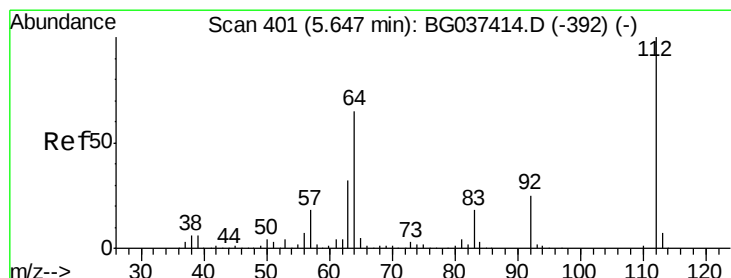
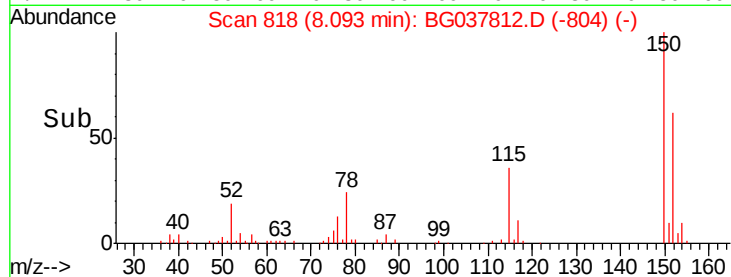
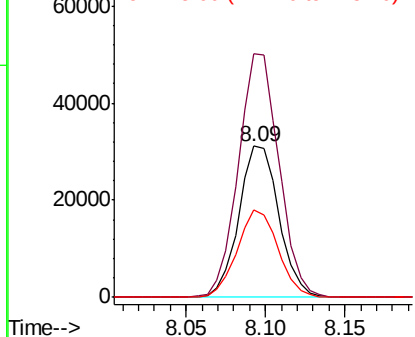
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:152 Resp: 54640
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 57.9 45.5 68.3



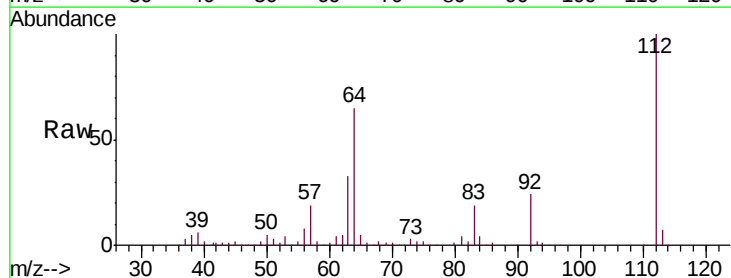
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



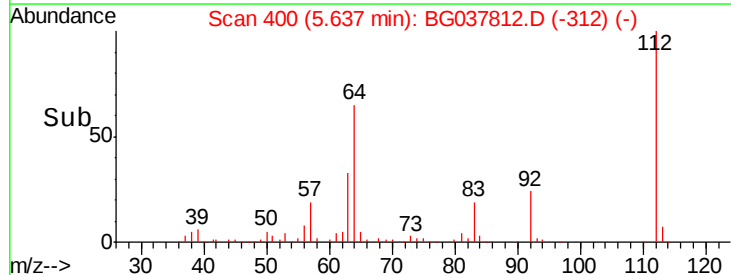
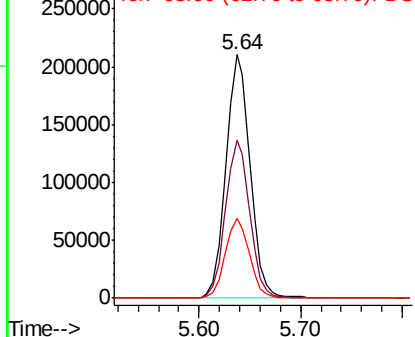
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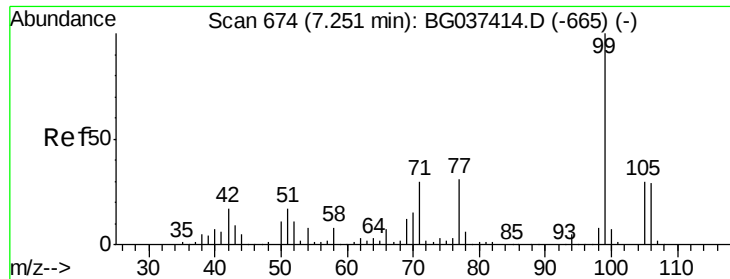
2-Fluorophenol
Concen: 106.446 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:112 Resp: 347891
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 32.7 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: 90.569 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037812.D

Acq: 5 Nov 2018 21:02

Instrument :

BNA_G

ClientSampleId :

TP-10B-S

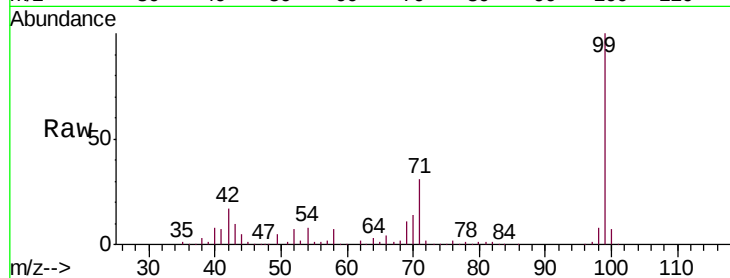
Tgt Ion: 99 Resp: 447590

Ion Ratio Lower Upper

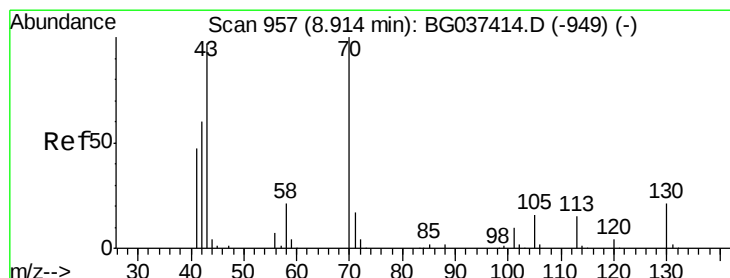
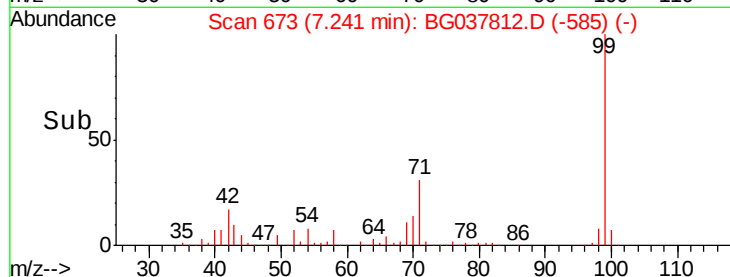
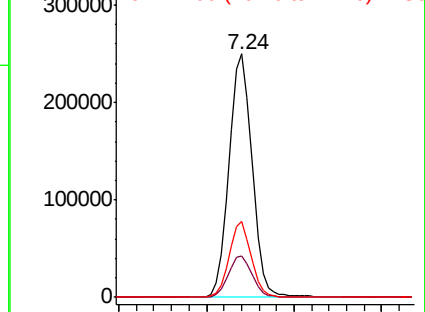
99 100

42 17.2 15.0 22.4

71 31.0 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: 12.993 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037812.D

Acq: 5 Nov 2018 21:02

Tgt Ion: 70 Resp: 44217

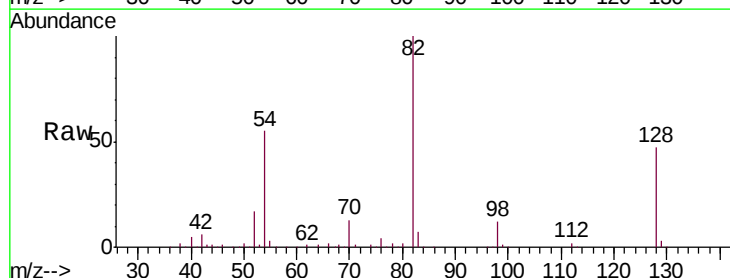
Ion Ratio Lower Upper

70 100

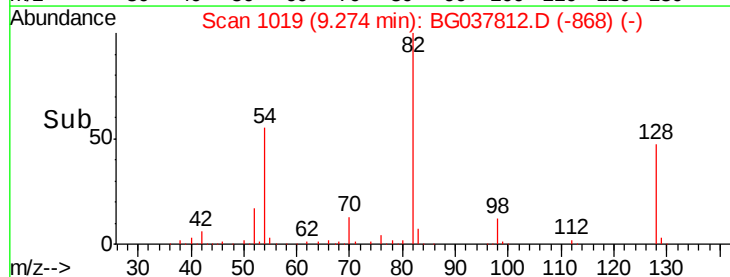
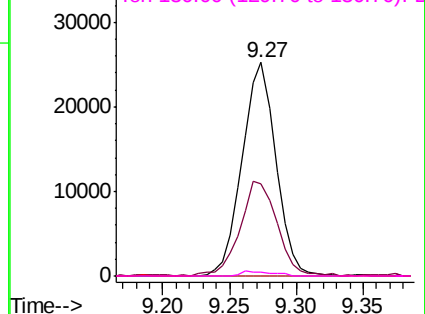
42 43.2 53.9 80.9#

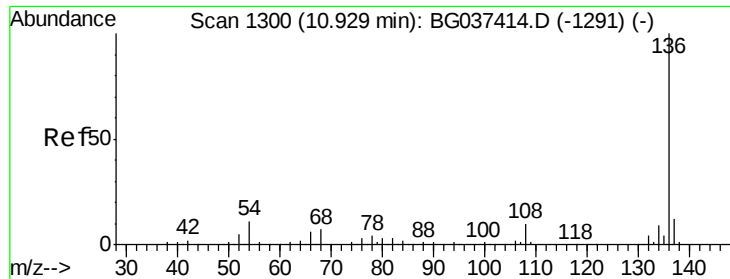
101 0.0 8.2 12.2#

130 2.0 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

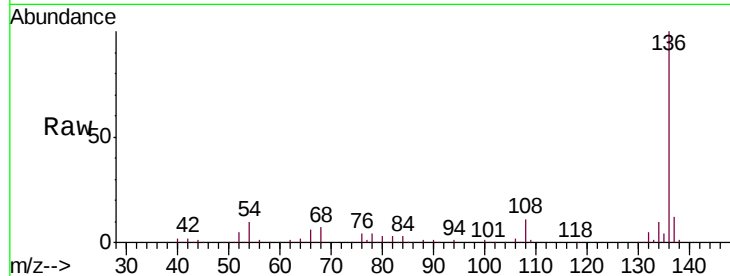




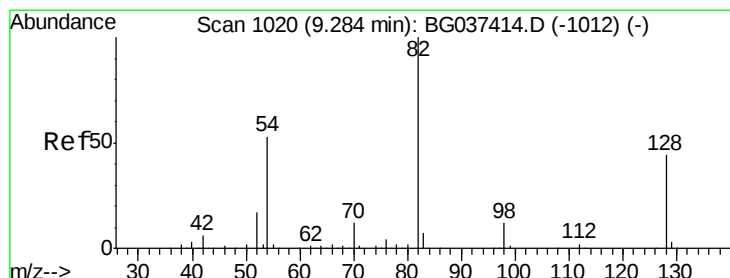
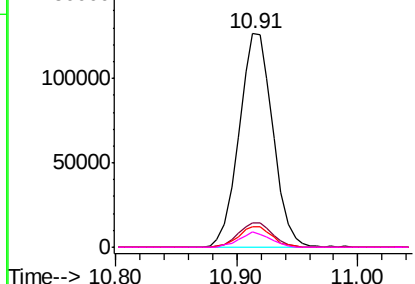
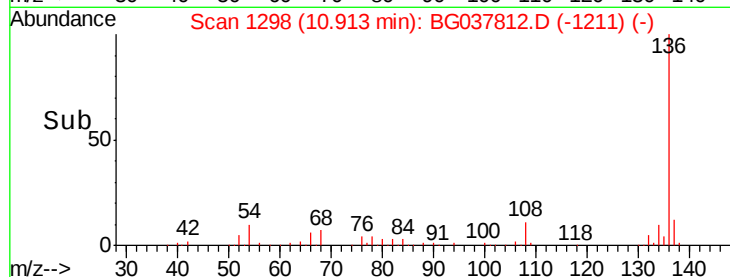
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:	136	Resp:	245810
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.8	7.9	11.9
68	7.3	4.8	7.2#

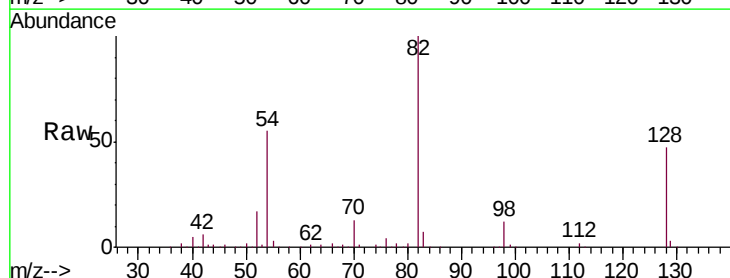


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

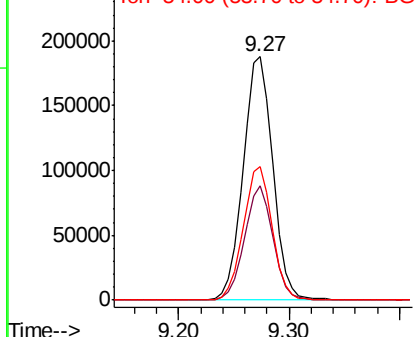
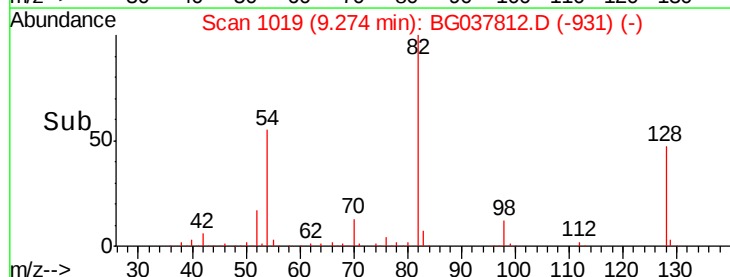


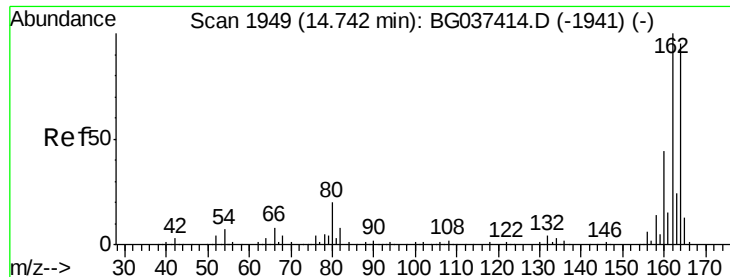
#23
Nitrobenzene-d5
Concen: 80.945 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:	82	Resp:	355187
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	51.8
54	55.0	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037812.D

Acq: 5 Nov 2018 21:02

Instrument :

BNA_G

ClientSampleId :

TP-10B-S

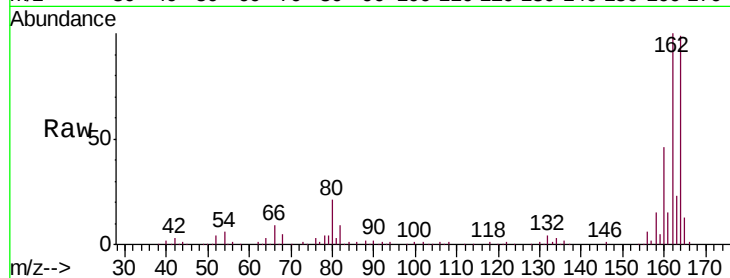
Tgt Ion:164 Resp: 160450

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

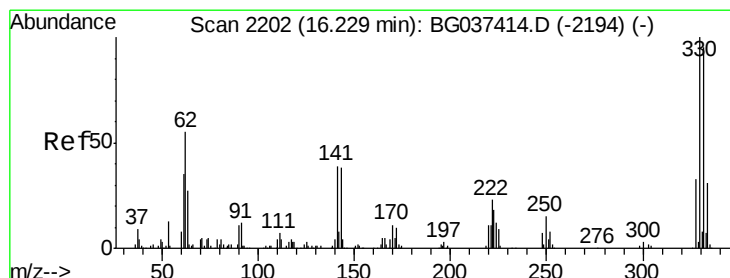
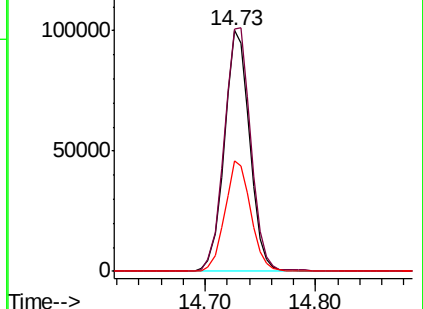
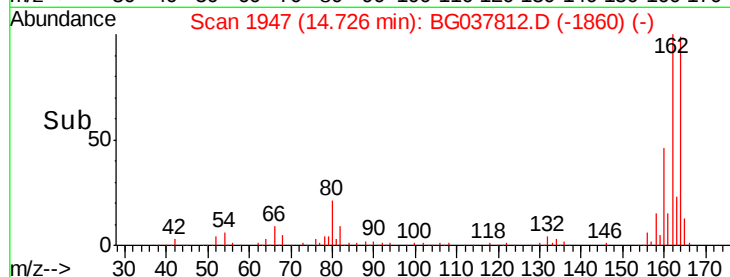
160 45.8 36.3 54.5



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: 91.868 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037812.D

Acq: 5 Nov 2018 21:02

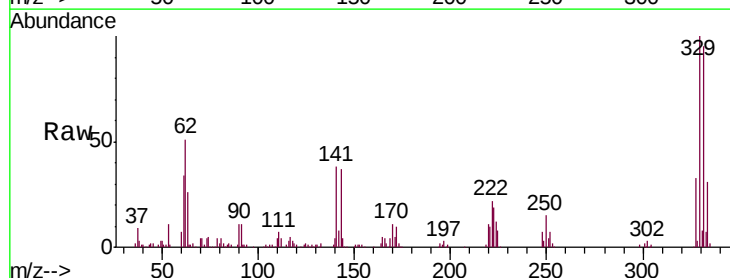
Tgt Ion:330 Resp: 160770

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

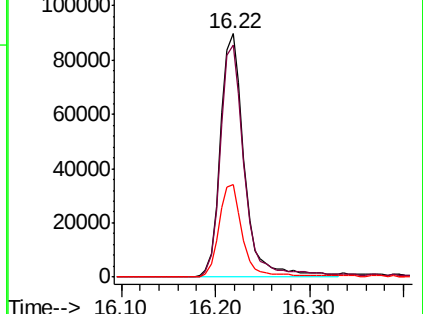
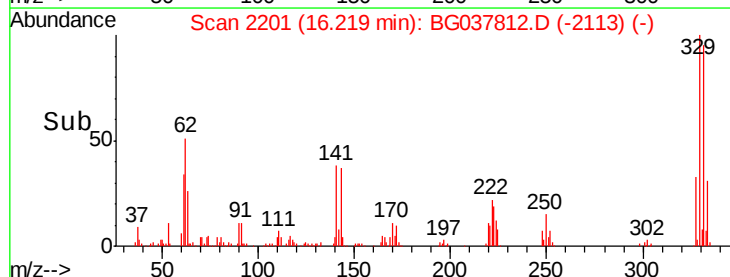
141 37.9 32.2 48.2

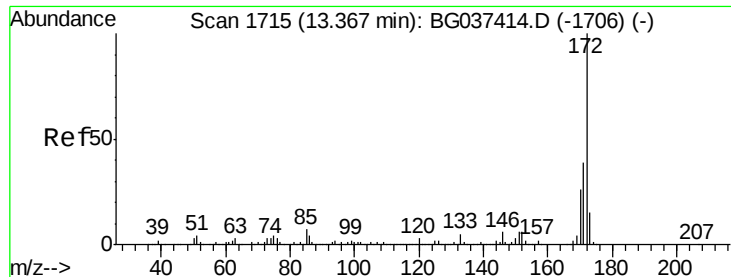


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

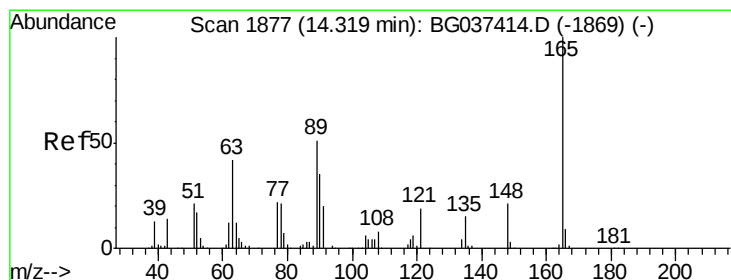
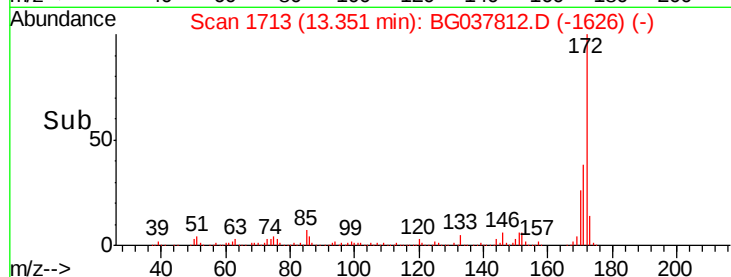
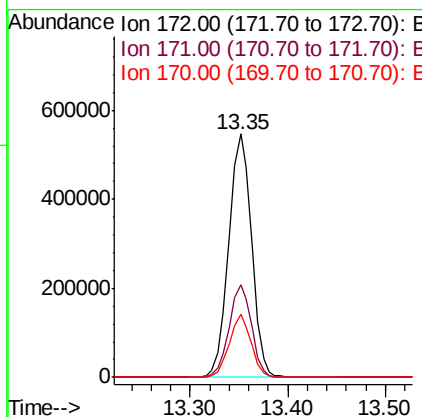
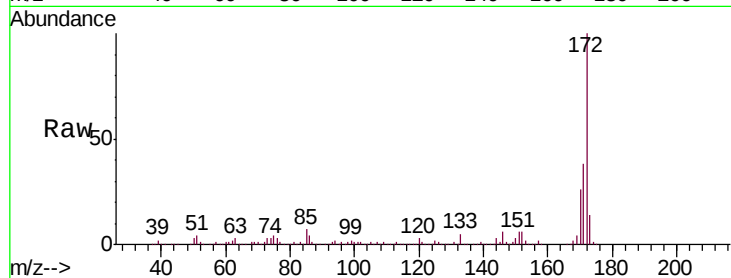




#45
 2-Fluorobiphenyl
 Concen: 83.615 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037812.D
 Acq: 5 Nov 2018 21:02

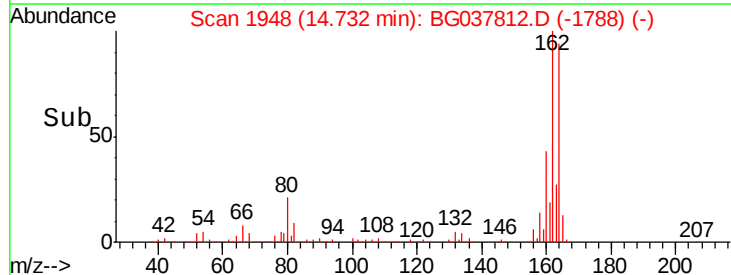
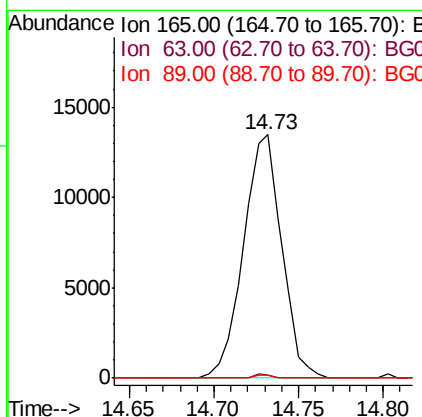
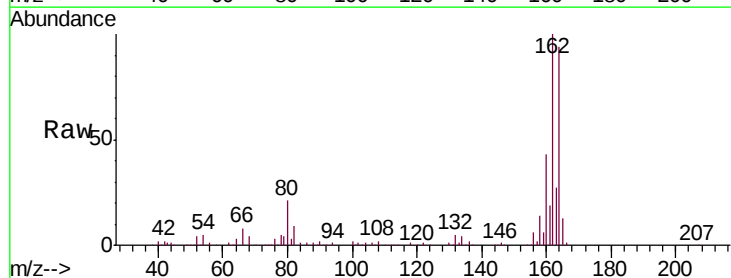
Instrument :
 BNA_G
 ClientSampleId :
 TP-10B-S

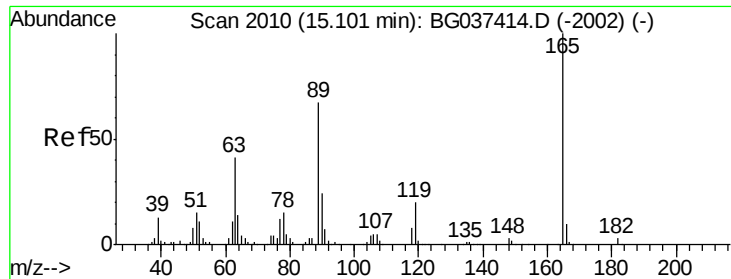
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.9	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.722 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037812.D
 Acq: 5 Nov 2018 21:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.2	45.8	68.6#

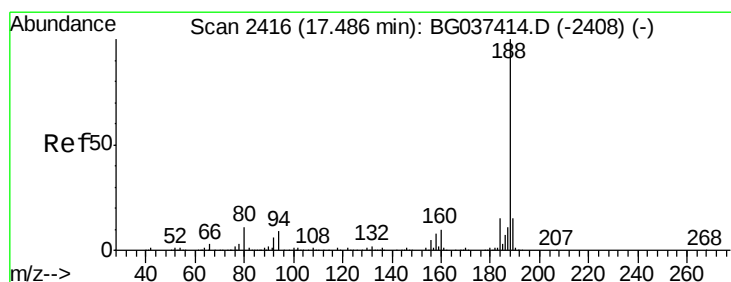
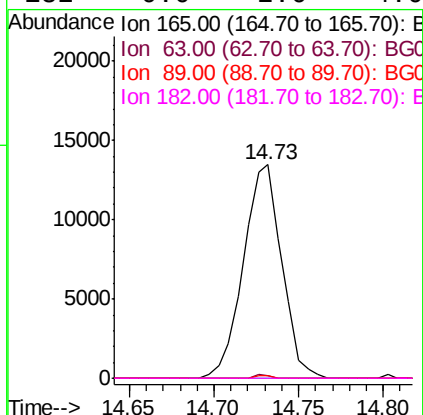
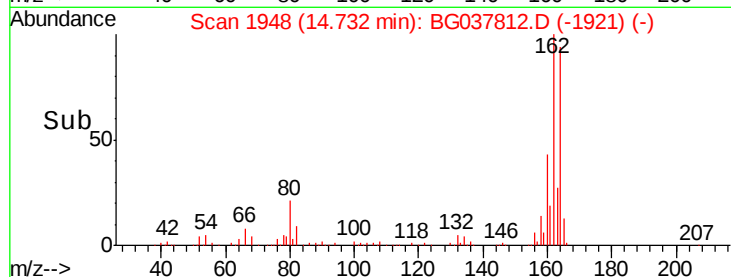
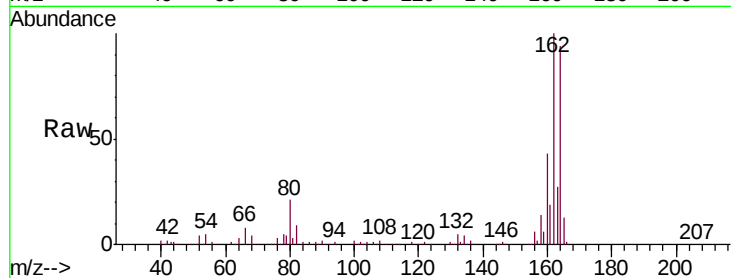




#57
 2,4-Dinitrotoluene
 Concen: 5.883 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037812.D
 Acq: 5 Nov 2018 21:02

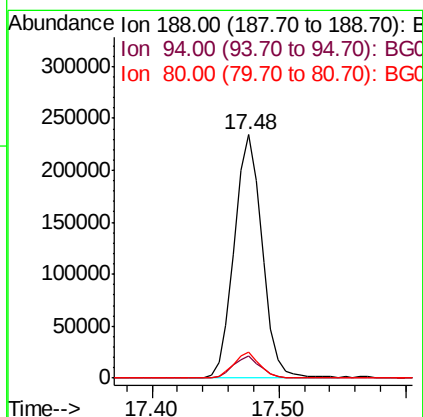
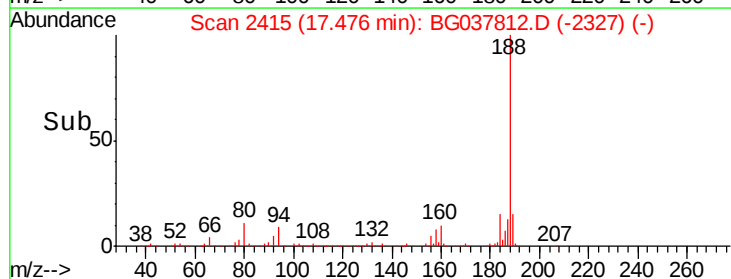
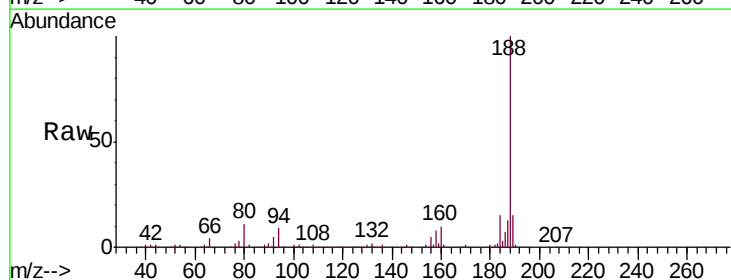
Instrument :
 BNA_G
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 TP-10B-S

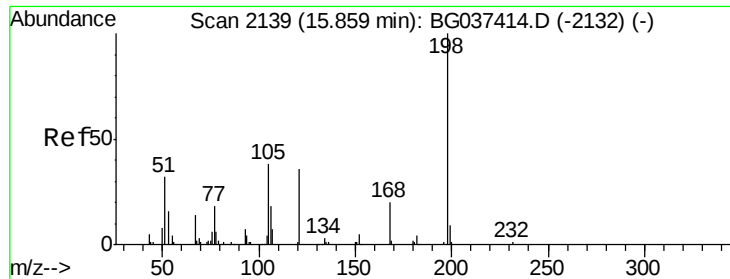
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037812.D
 Acq: 5 Nov 2018 21:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.9	7.7	11.5

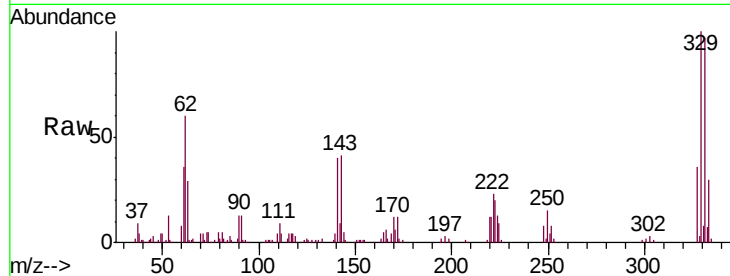




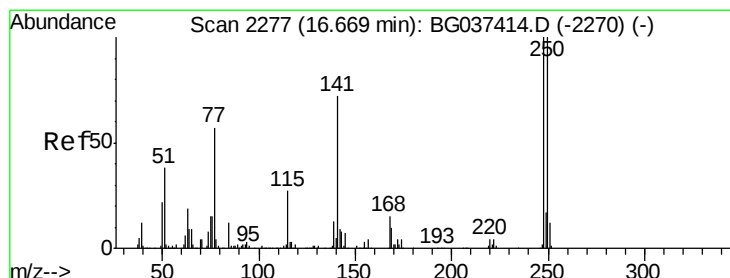
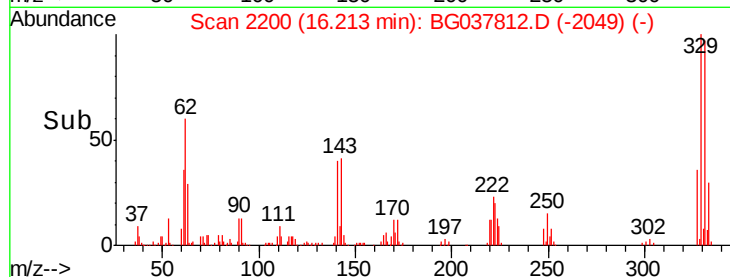
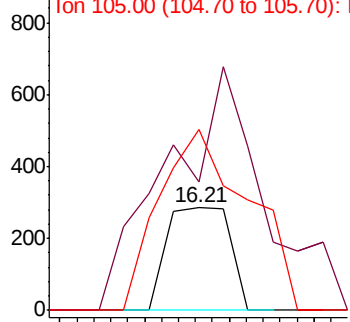
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.638 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.35 min
 Lab File: BG037812.D
 Acq: 5 Nov 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 TP-10B-S

Tgt Ion:198 Resp: 297
 Ion Ratio Lower Upper
 198 100
 51 18.4 22.7 62.7#
 105 25.8 19.7 59.7

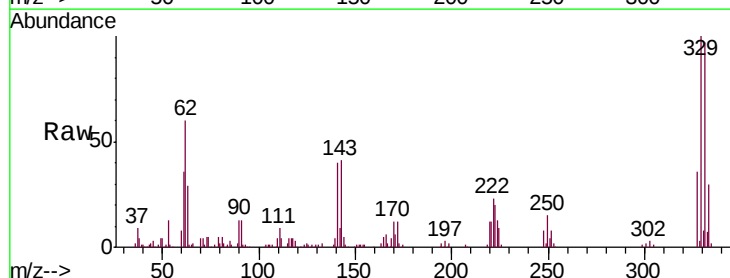


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

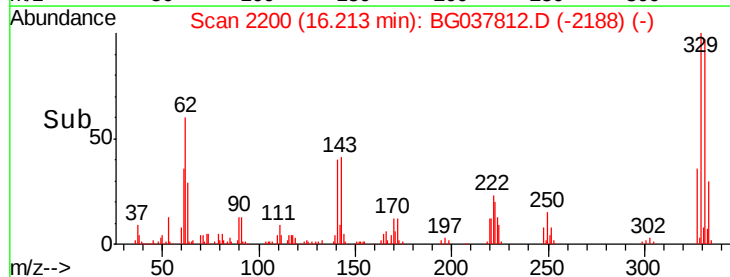
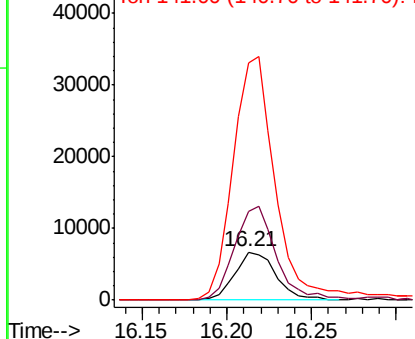


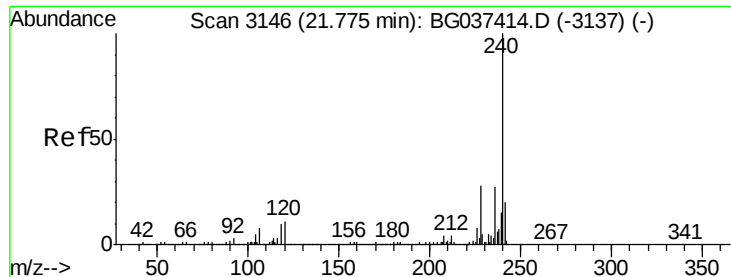
#67
 4-Bromophenyl-phenylether
 Concen: 2.904 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037812.D
 Acq: 5 Nov 2018 21:02

Tgt Ion:248 Resp: 11362
 Ion Ratio Lower Upper
 248 100
 250 187.8 77.0 115.6#
 141 386.8 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

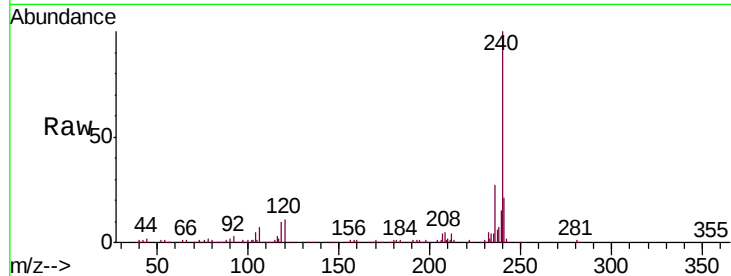




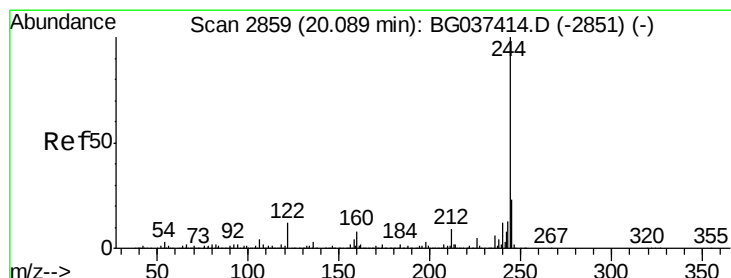
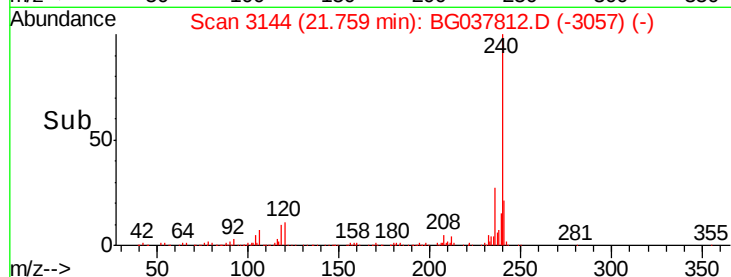
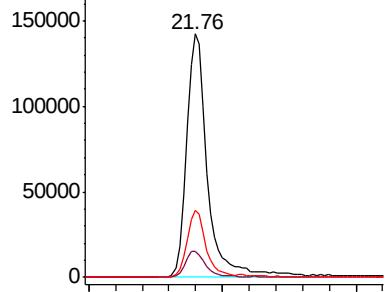
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:240 Resp: 316248
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 27.4 21.4 32.0

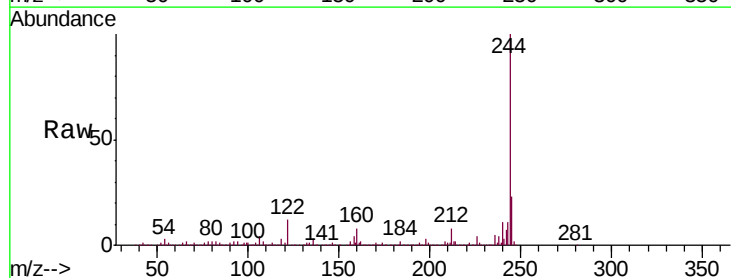


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

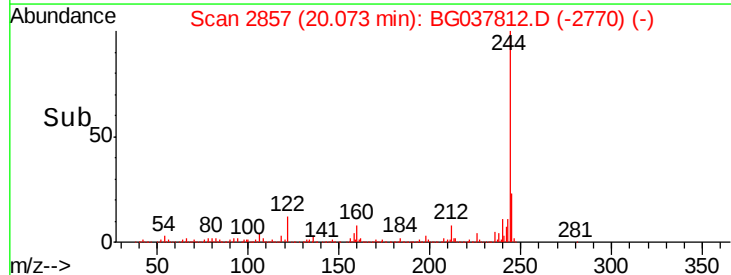
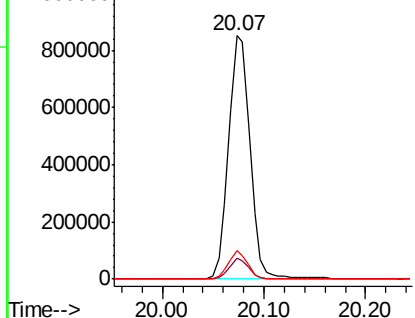


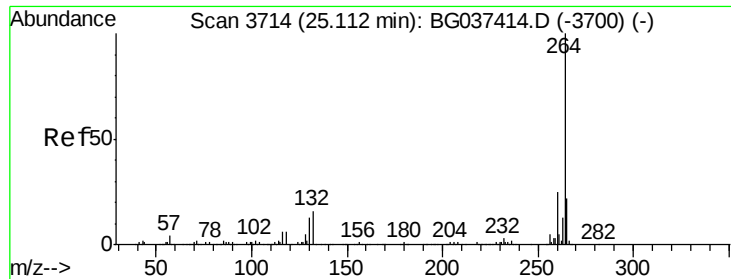
#79
Terphenyl-d14
Concen: 85.081 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:244 Resp: 1259226
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 11.6 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

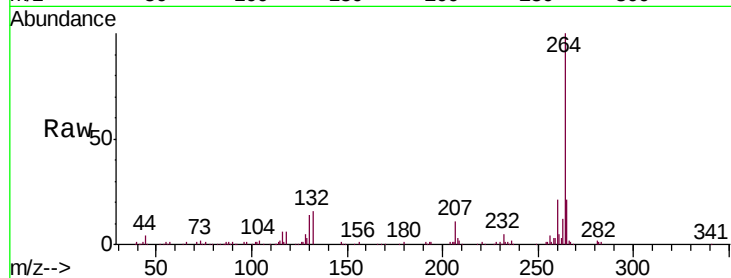




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:	264	Resp:	232089
Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	20.9	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

