

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037605.D
 Acq On : 27 Oct 2018 6:55
 Operator : JU/SJ
 Sample : J5675-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Quant Time: Oct 29 02:14:29 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

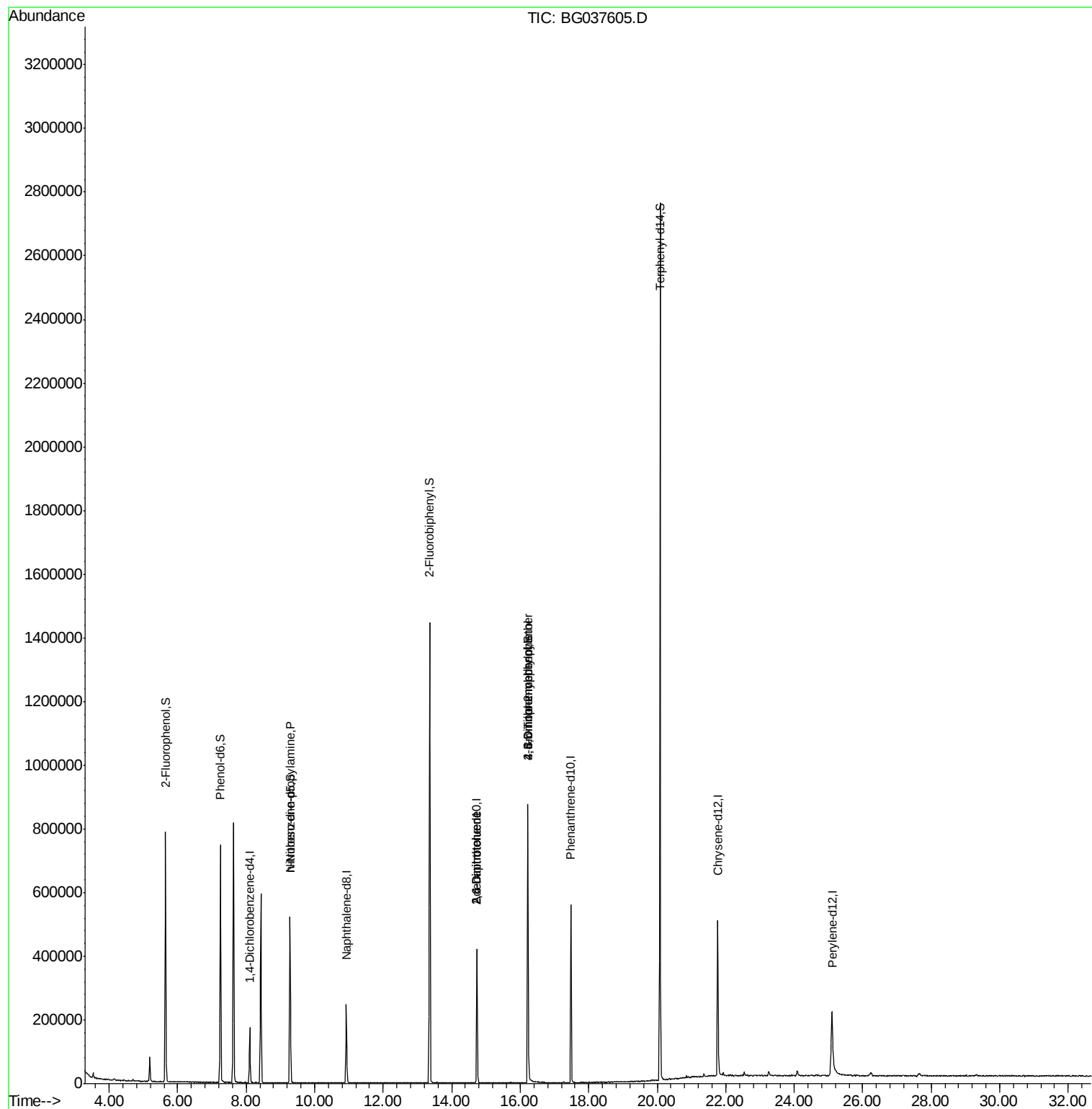
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51656	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	223290	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	151943	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	363637	20.00	ng	0.00
76) Chrysene-d12	21.77	240	331644	20.00	ng	0.00
87) Perylene-d12	25.10	264	293882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	360092	116.54	ng	0.00
7) Phenol-d6	7.24	99	470675	100.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	334629	83.95	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	158939	95.91	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	810380	80.43	ng	0.00
79) Terphenyl-d14	20.08	244	1271613	81.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	41085	12.770	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	20050	7.711	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	20050	5.874	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	445	8.699	ng	# 79
67) 4-Bromophenyl-phenylether	16.22	248	11330	2.837	ng	# 1

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

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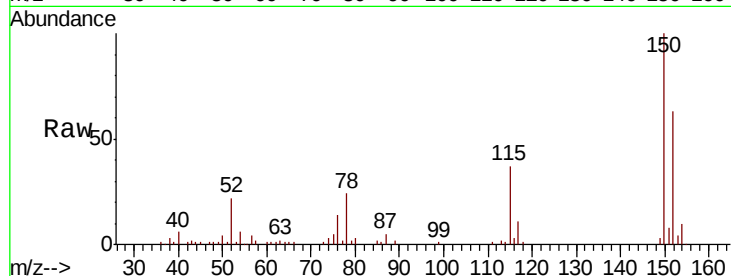


#1

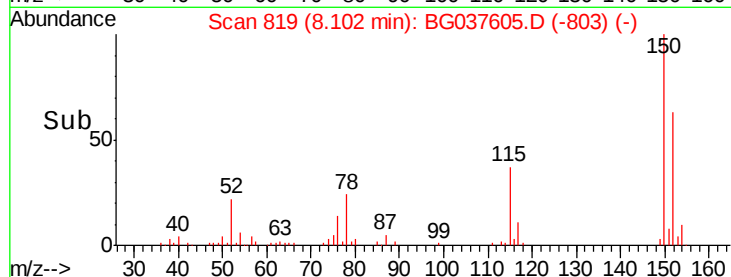
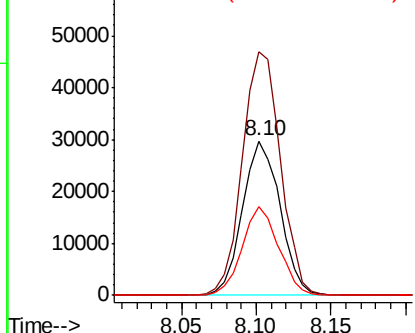
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037605.D
Acq: 27 Oct 2018 6:55

Instrument :
BNA_G
ClientSampleId :
TP-13

Tot Ion:152 Resp: 51656
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 57.7 45.5 68.3



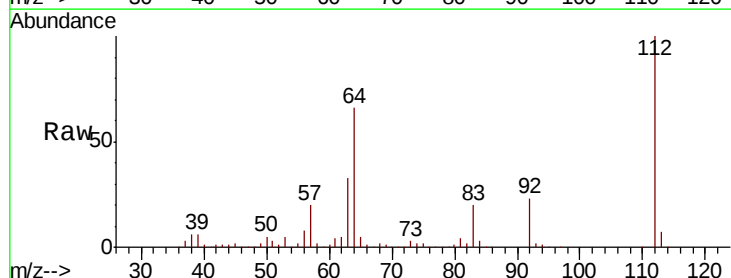
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



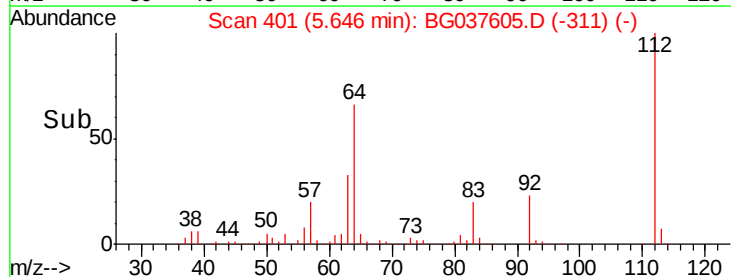
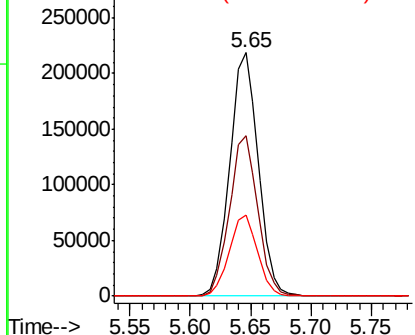
#5

2-Fluorophenol
Concen: 116.544 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037605.D
Acq: 27 Oct 2018 6:55

Tgt Ion:112 Resp: 360092
Ion Ratio Lower Upper
112 100
64 65.9 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.742 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037605.D

Acq: 27 Oct 2018 6:55

Instrument :

BNA_G

ClientSampleId :

TP-13

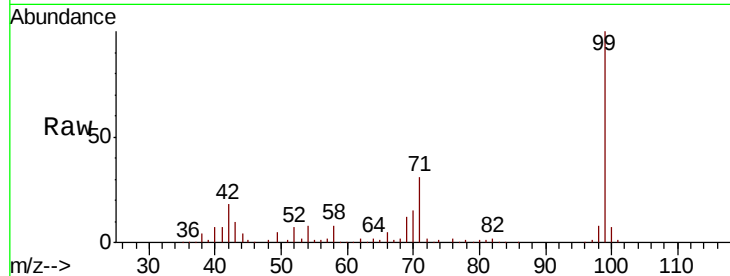
Tot Ion: 99 Resp: 470675

Ion Ratio Lower Upper

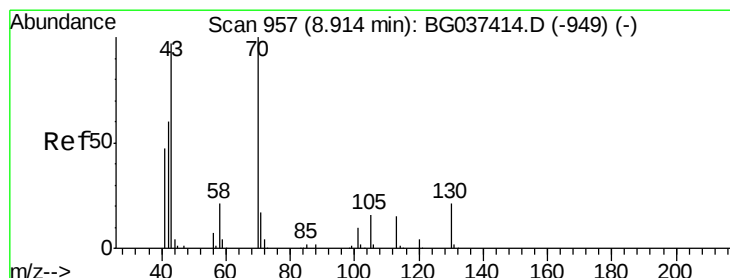
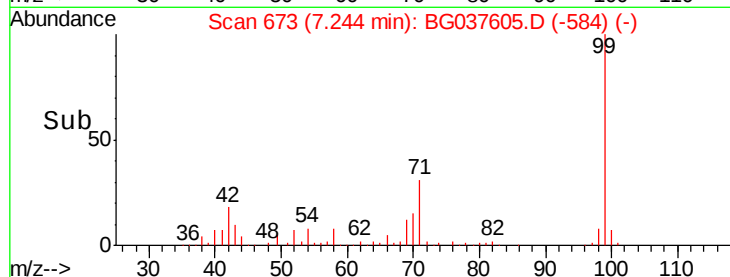
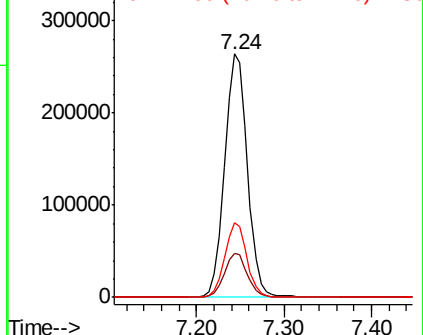
99 100

42 18.2 15.0 22.4

71 30.9 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: 12.770 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037605.D

Acq: 27 Oct 2018 6:55

Tgt Ion: 70 Resp: 41085

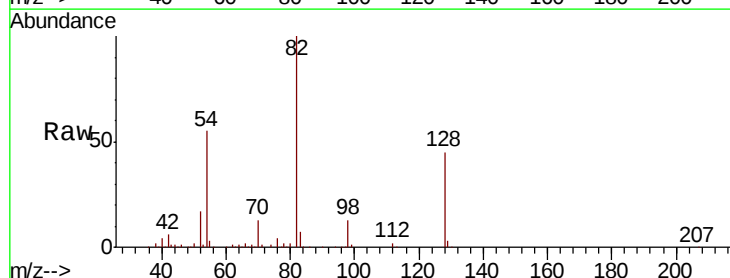
Ion Ratio Lower Upper

70 100

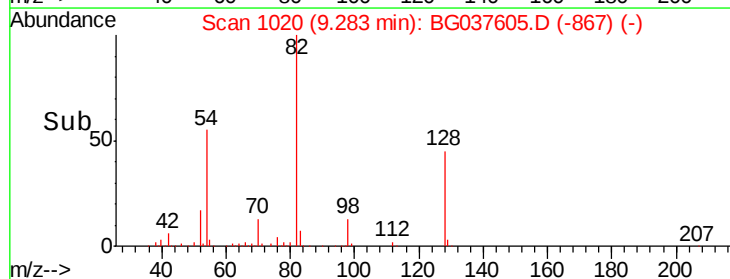
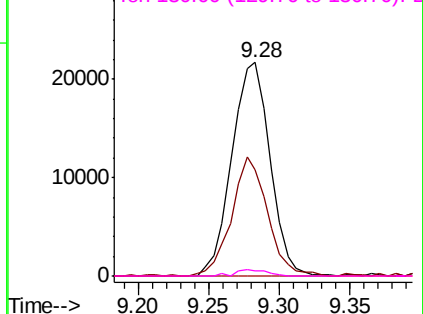
42 49.9 53.9 80.9#

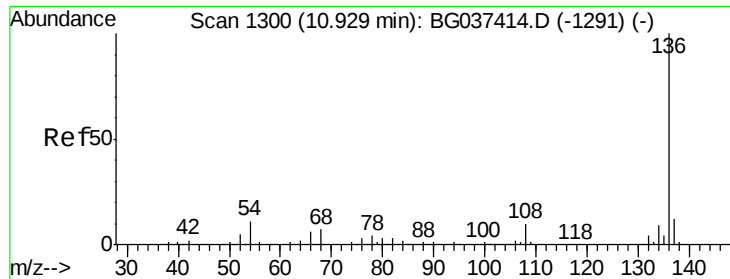
101 0.0 8.2 12.2#

130 2.7 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

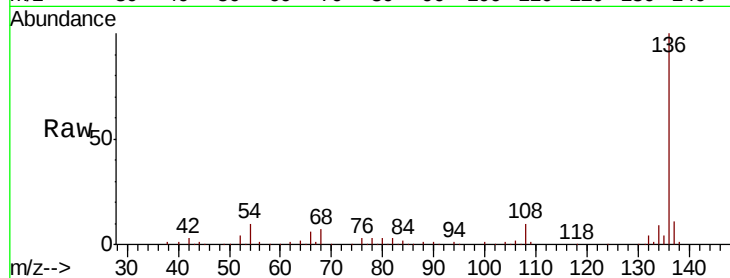




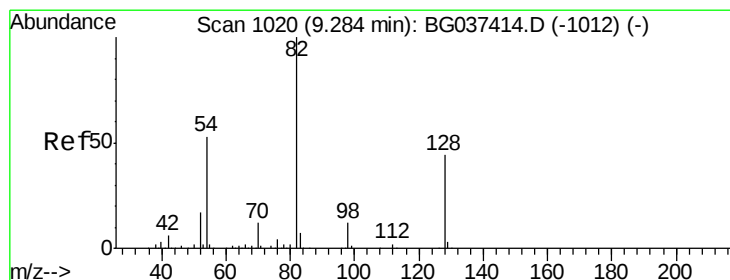
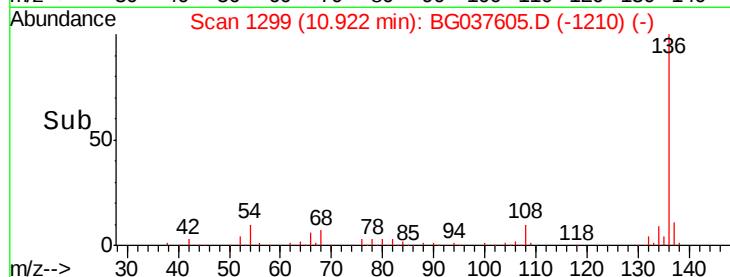
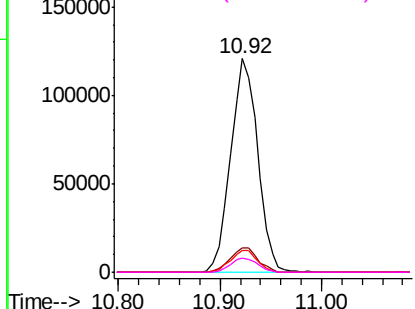
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037605.D
Acq: 27 Oct 2018 6:55

Instrument :
BNA_G
ClientSampleId :
TP-13

Tot Ion:136	Resp:	223290
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	10.1	7.9 11.9
68	6.7	4.8 7.2

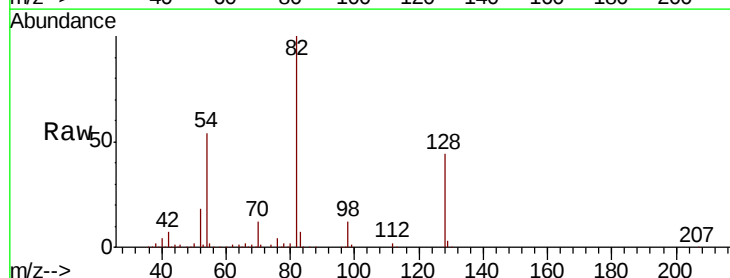


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

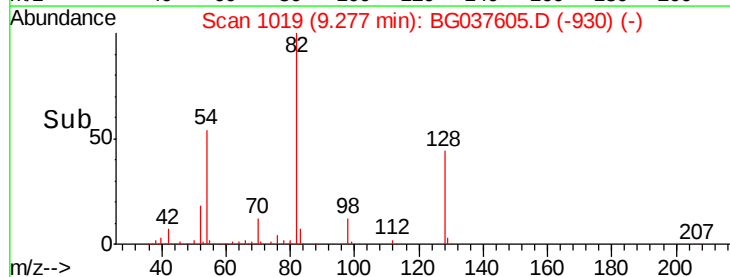
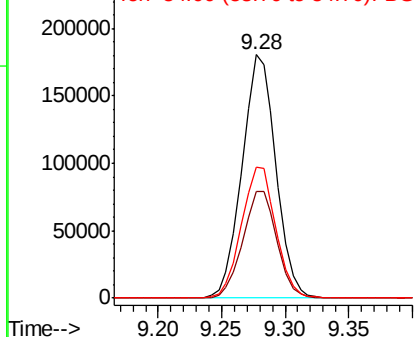


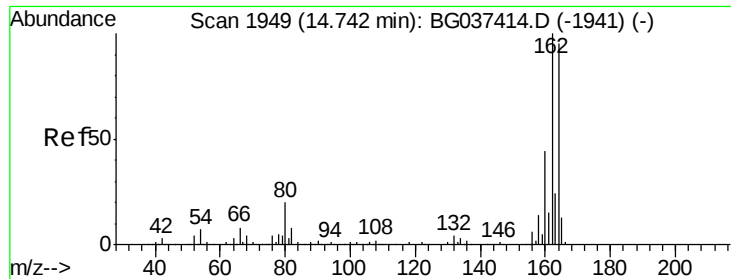
#23
Nitrobenzene-d5
Concen: 83.952 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037605.D
Acq: 27 Oct 2018 6:55

Tgt Ion: 82	Resp:	334629
Ion	Ratio	Lower Upper
82	100	
128	43.6	34.6 51.8
54	53.5	45.3 67.9



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

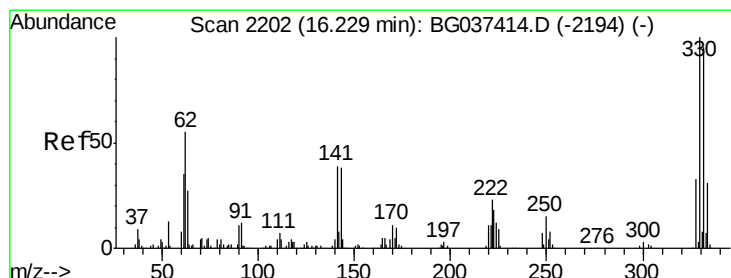
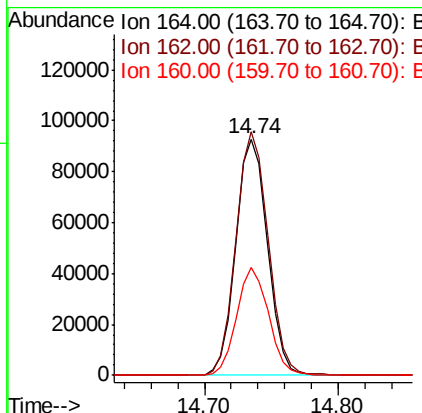
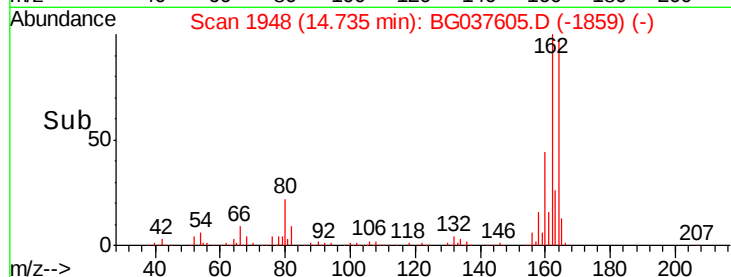
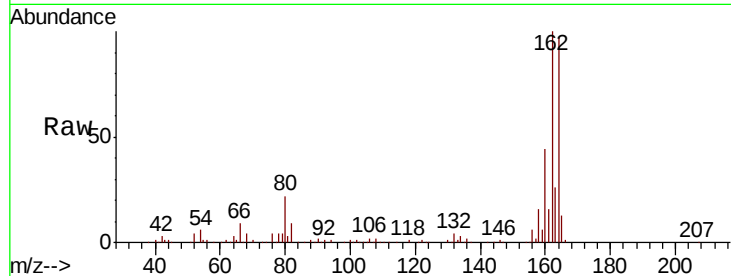




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

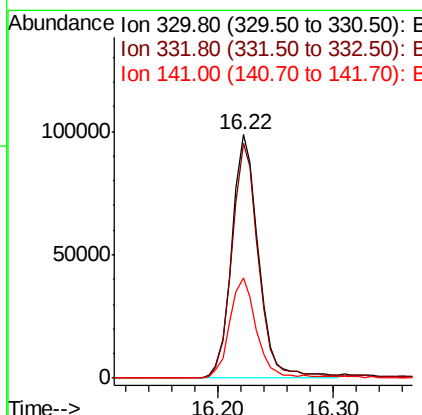
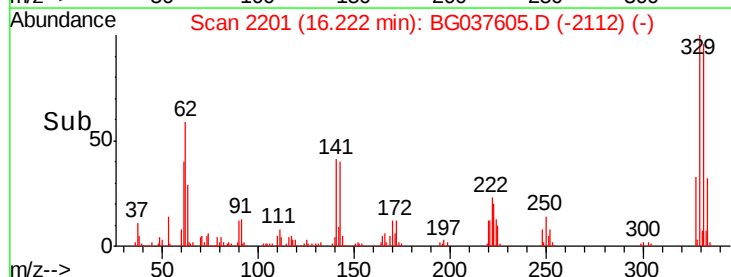
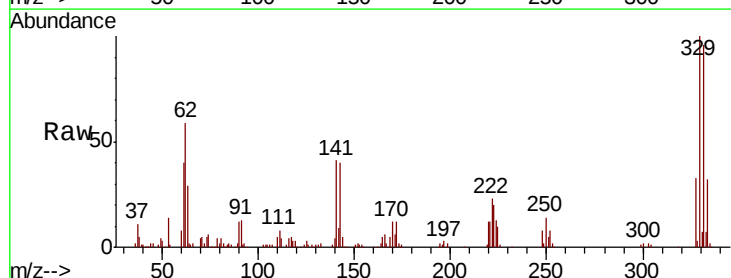
Instrument :
 BNA_G
 ClientSampleId :
 TP-13

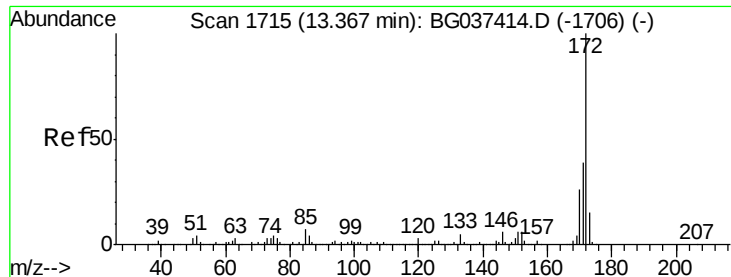
Tot Ion:164 Resp: 151943
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.3 121.9
 160 45.6 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 95.907 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

Tgt Ion:330 Resp: 158939
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.4 117.6
 141 41.2 32.2 48.2

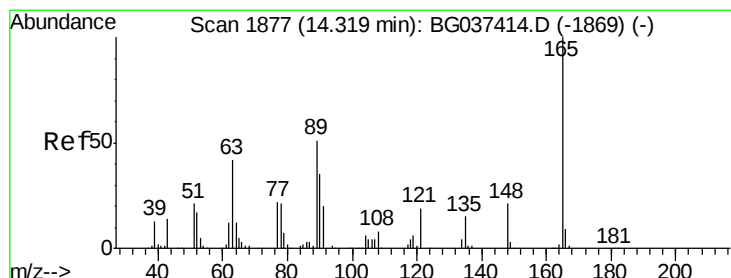
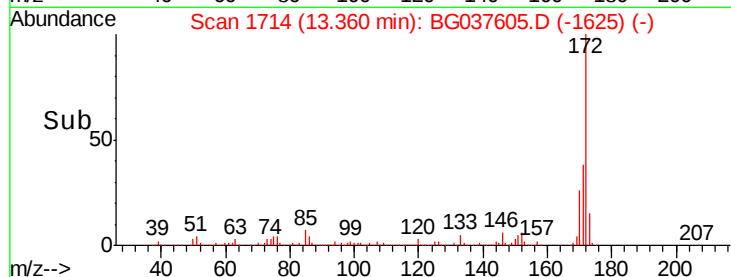
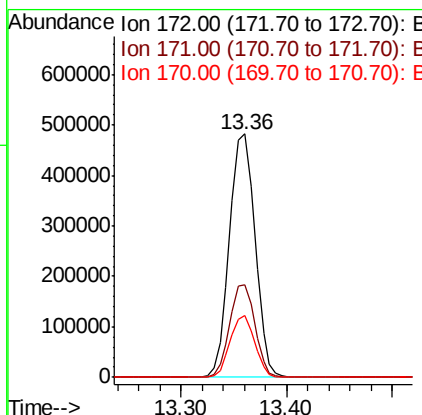
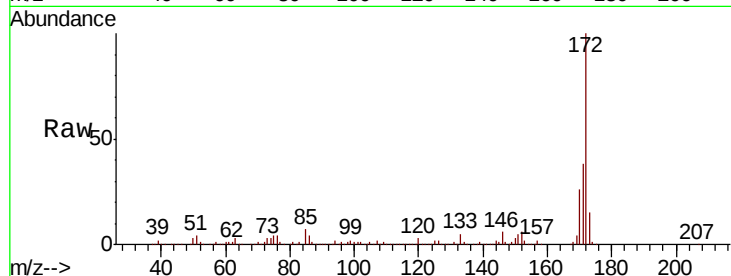




#45
 2-Fluorobiphenyl
 Concen: 80.425 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

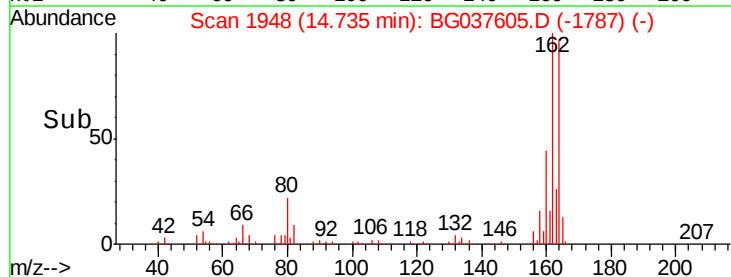
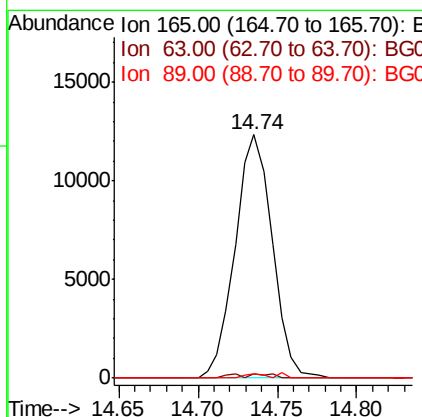
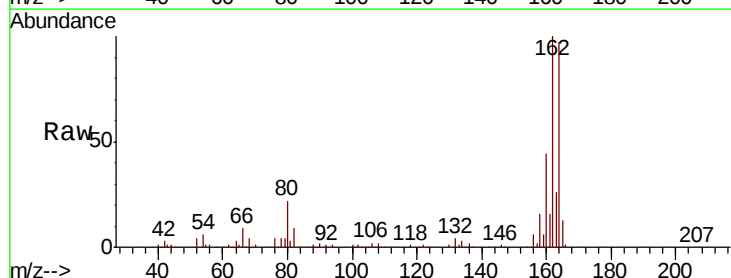
Instrument :
 BNA_G
 ClientSampleId :
 TP-13

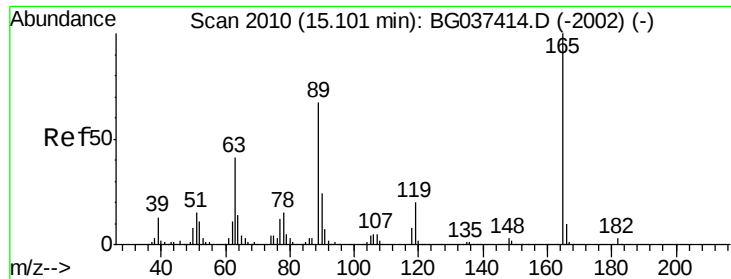
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.711 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.6	45.8	68.6#

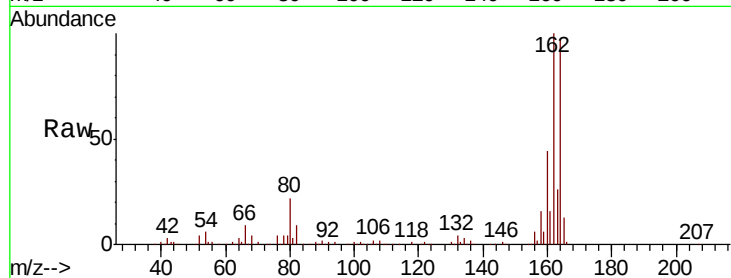




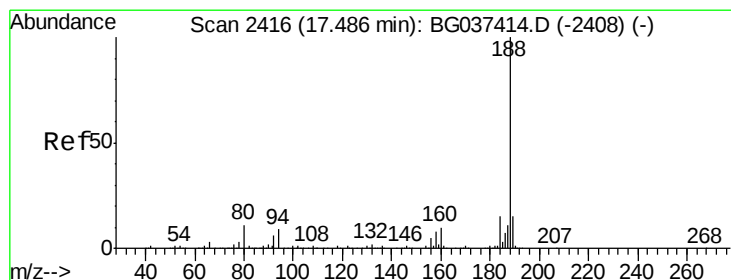
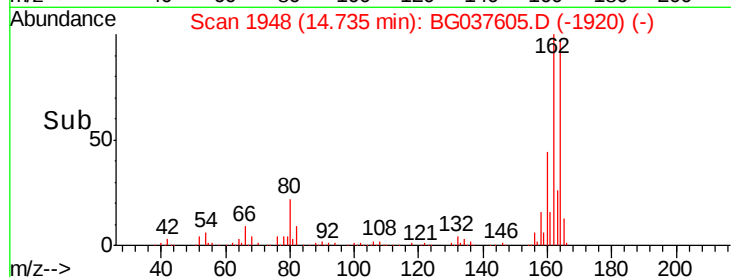
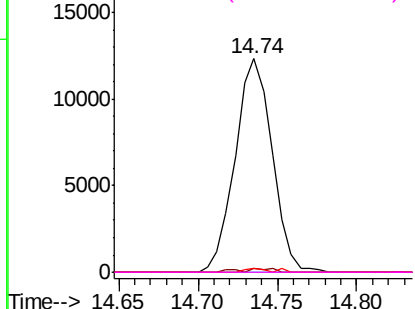
#57
 2,4-Dinitrotoluene
 Concen: 5.874 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Tot Ion:165 Resp: 20050
 Ion Ratio Lower Upper
 165 100
 63 1.7 33.4 50.0#
 89 1.6 57.2 85.8#
 182 0.0 2.6 4.0#

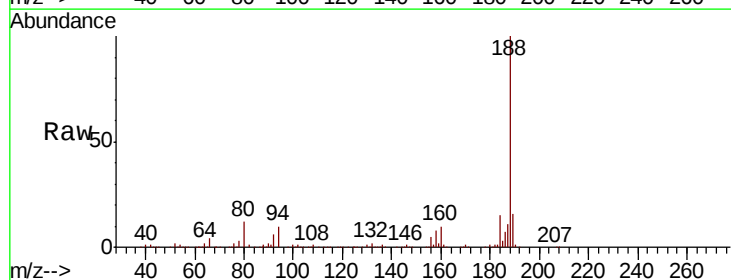


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

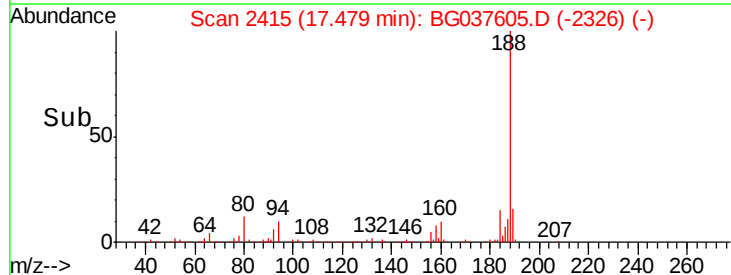
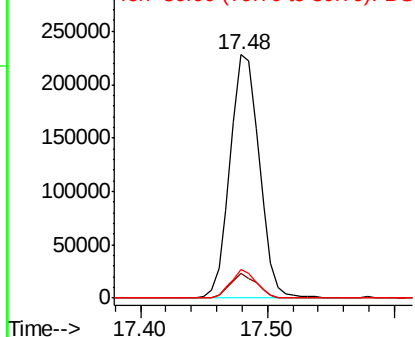


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

Tgt Ion:188 Resp: 363637
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.2 10.8
 80 11.7 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

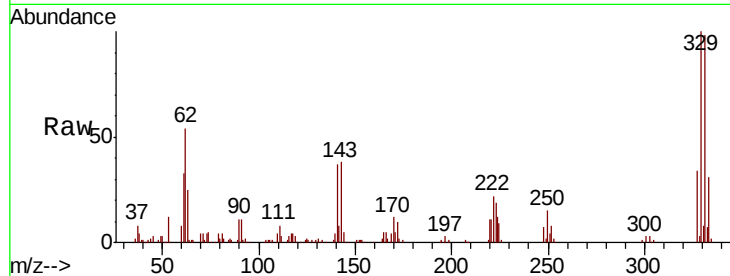




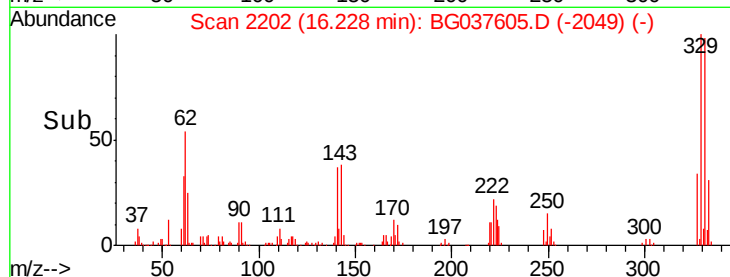
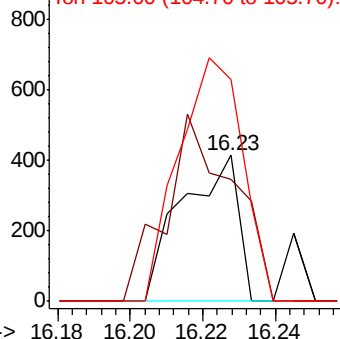
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.699 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

Instrument :
 BNA_G
 ClientSampled :
 TP-13

Tot Ion:198 Resp: 445
 Ion Ratio Lower Upper
 198 100
 51 20.0 22.7 62.7#
 105 36.5 19.7 59.7

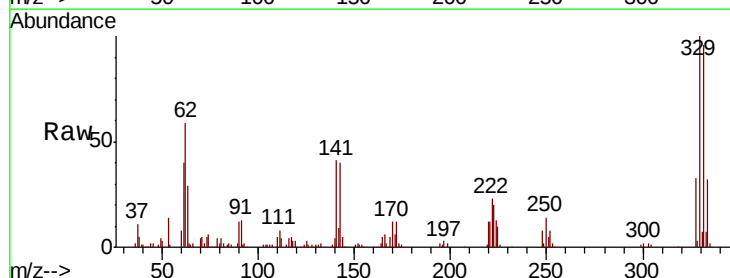


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

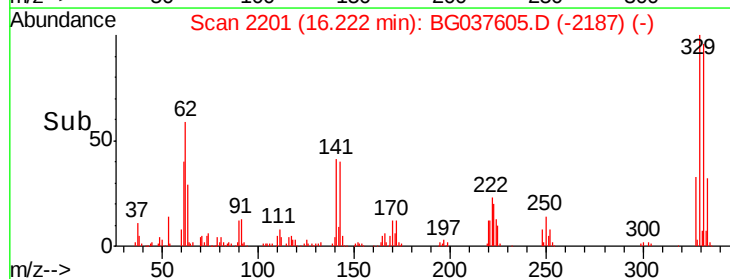
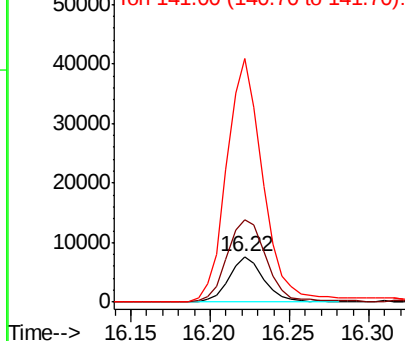


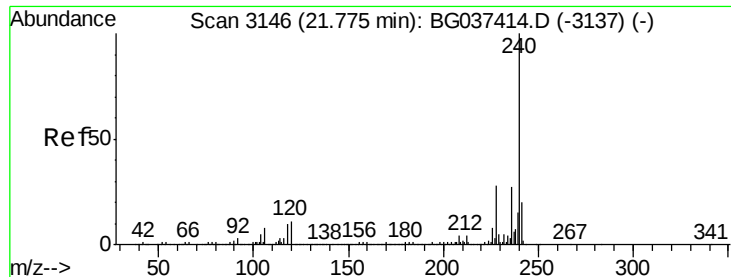
#67
 4-Bromophenyl-phenylether
 Concen: 2.837 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037605.D
 Acq: 27 Oct 2018 6:55

Tgt Ion:248 Resp: 11330
 Ion Ratio Lower Upper
 248 100
 250 184.6 77.0 115.6#
 141 412.7 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

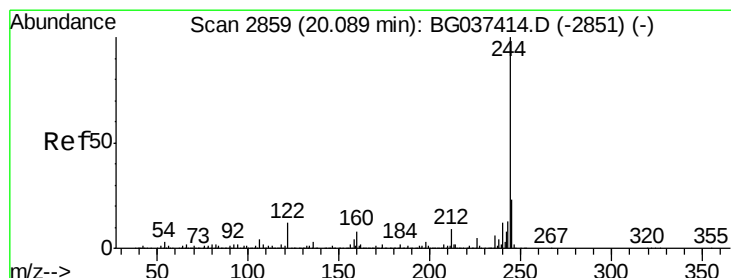
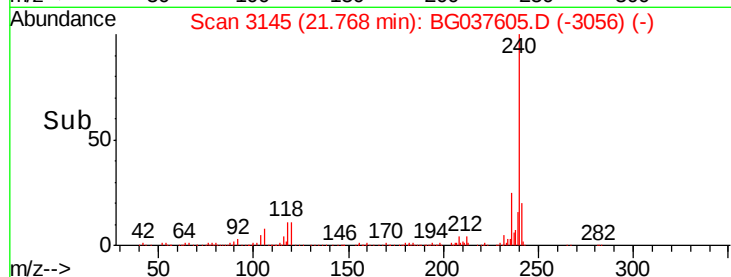
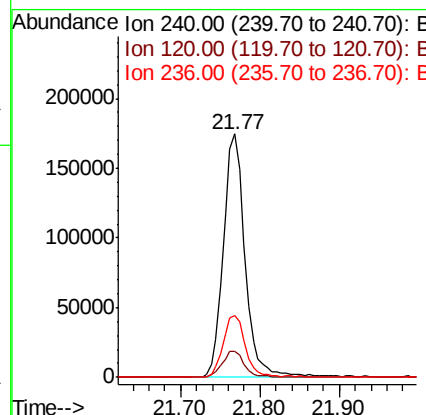
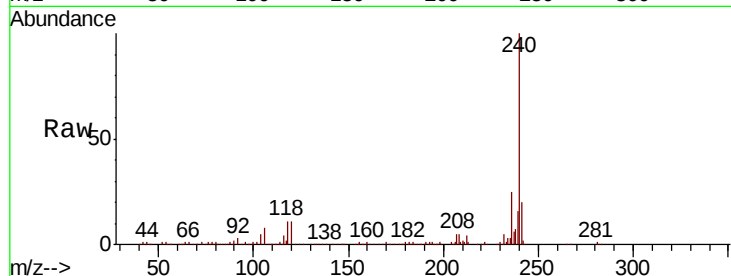




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037605.D
Acq: 27 Oct 2018 6:55

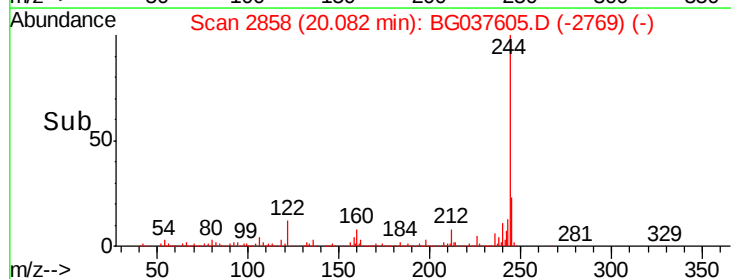
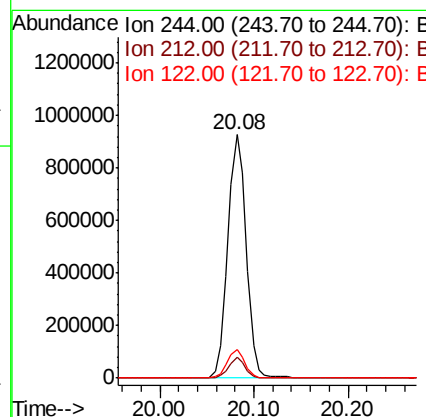
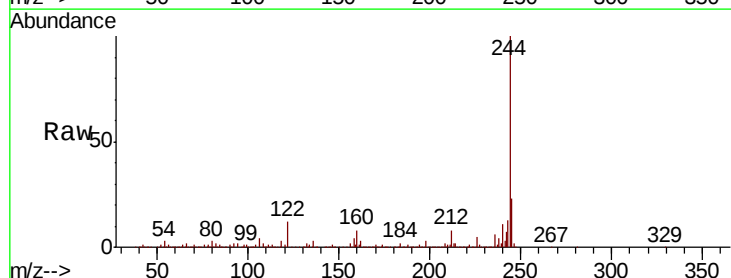
Instrument :
BNA_G
ClientSampleId :
TP-13

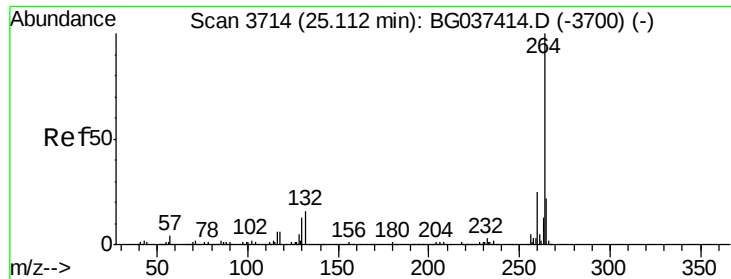
Tot Ion:240 Resp: 331644
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 25.3 21.4 32.0



#79
Terphenyl-d14
Concen: 81.929 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037605.D
Acq: 27 Oct 2018 6:55

Tgt Ion:244 Resp: 1271613
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 12.0 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037605.D
Acq: 27 Oct 2018 6:55

Instrument :
BNA_G
ClientSampleId :
TP-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	20.9	17.9	26.9

