

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037654.D
 Acq On : 30 Oct 2018 15:22
 Operator : JU/SJ
 Sample : J5691-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 16:46:54 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

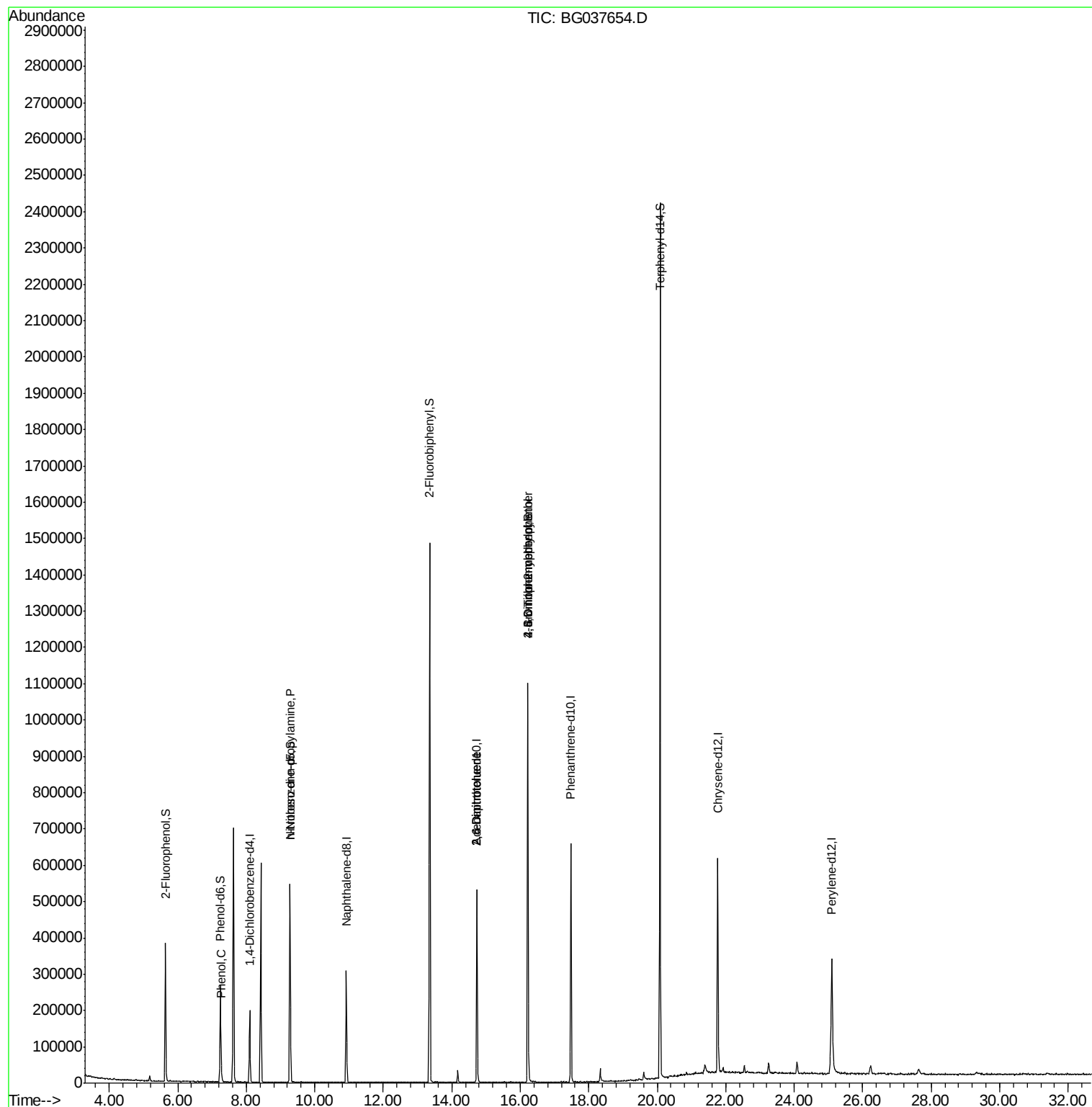
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60434	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	272593	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	184716	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	423886	20.00	ng	0.00
76) Chrysene-d12	21.77	240	375319	20.00	ng	0.00
87) Perylene-d12	25.10	264	380601	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	179902	49.77	ng	0.00
7) Phenol-d6	7.24	99	167677	30.68	ng	0.00
23) Nitrobenzene-d5	9.28	82	343796	70.65	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	200855	99.70	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	838586	68.46	ng	0.00
79) Terphenyl-d14	20.08	244	1174641	66.87	ng	0.00
Target Compounds						
10) Phenol	7.27	94	33681	5.840	ng	95
19) n-Nitroso-di-n-propylamine	9.28	70	42540	11.302	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	23297	7.370	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	23297	5.614	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	206	8.584	ng	97
67) 4-Bromophenyl-phenylether	16.22	248	14969	3.216	ng	# 1

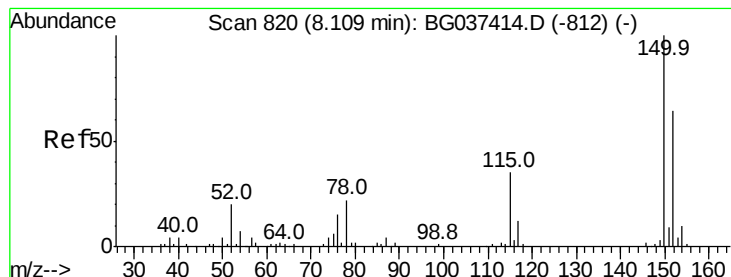
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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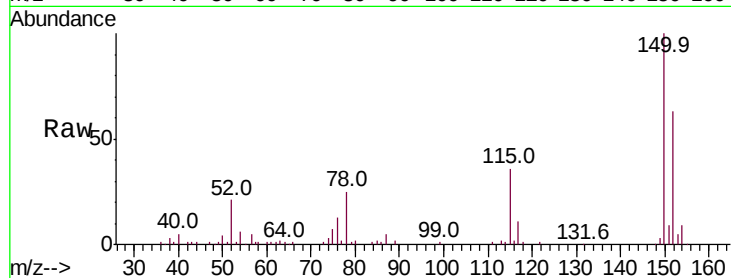


#1

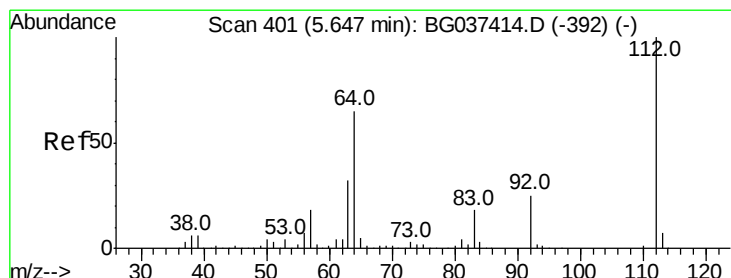
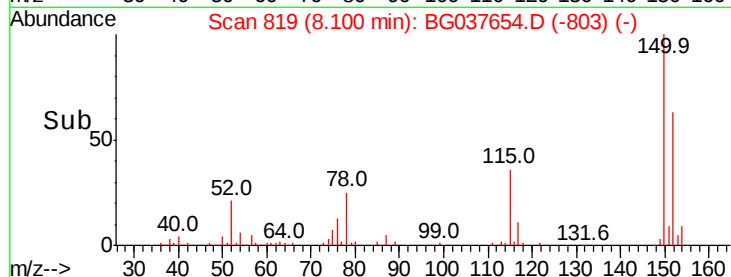
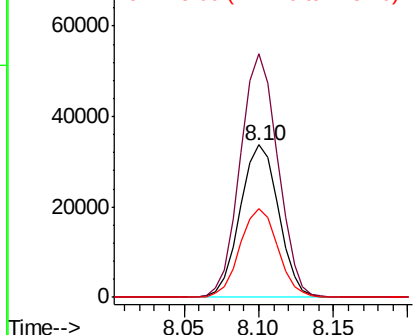
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60434
Ion Ratio Lower Upper
152 100
150 159.8 126.0 189.0
115 58.0 45.5 68.3



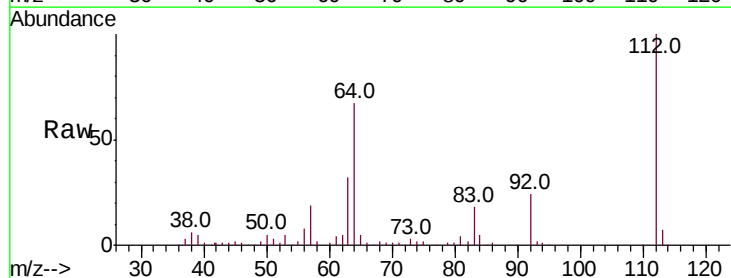
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



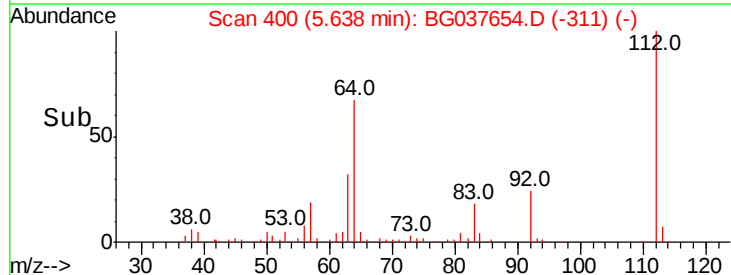
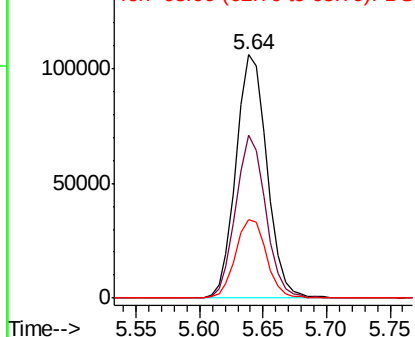
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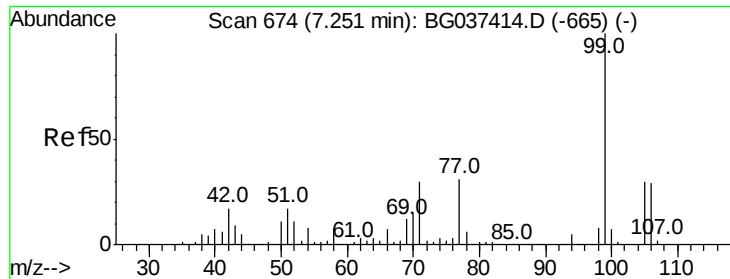
2-Fluorophenol
Concen: 49.768 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

Tgt Ion:112 Resp: 179902
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 32.0 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: 30.676 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037654.D

Acq: 30 Oct 2018 15:22

Instrument :

BNA_G

ClientSampled :

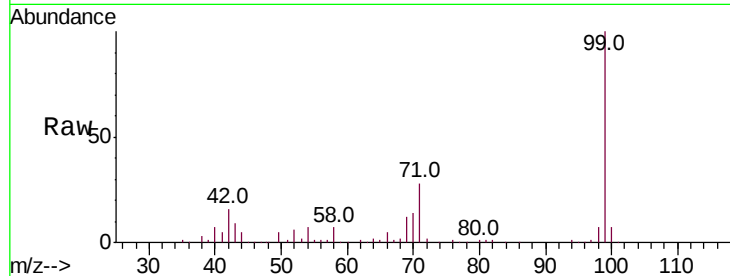
Tot Ion: 99 Resp: 167677

Ion Ratio Lower Upper

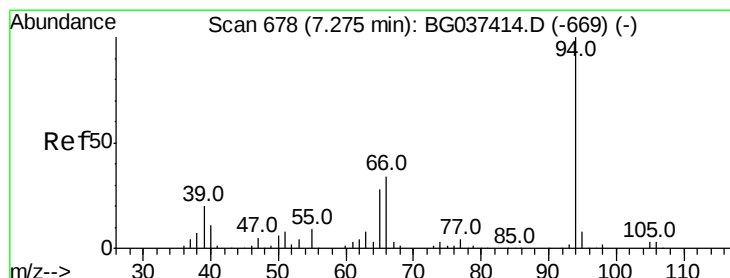
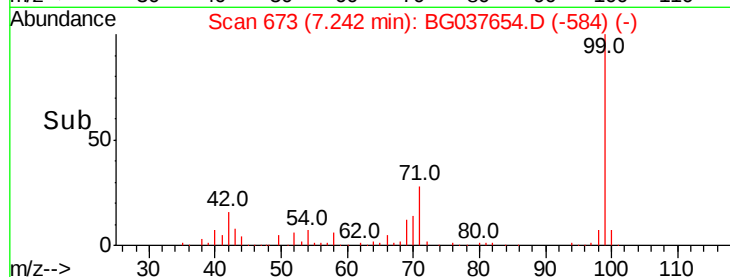
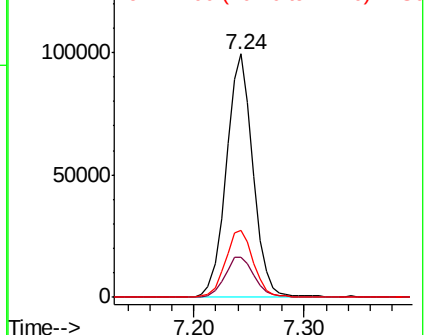
99 100

42 16.2 15.0 22.4

71 27.8 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



#10

Phenol

Concen: 5.840 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037654.D

Acq: 30 Oct 2018 15:22

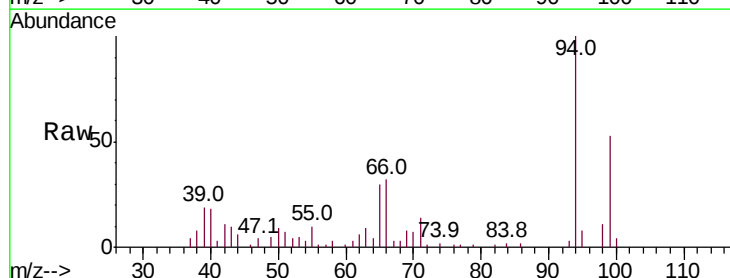
Tgt Ion: 94 Resp: 33681

Ion Ratio Lower Upper

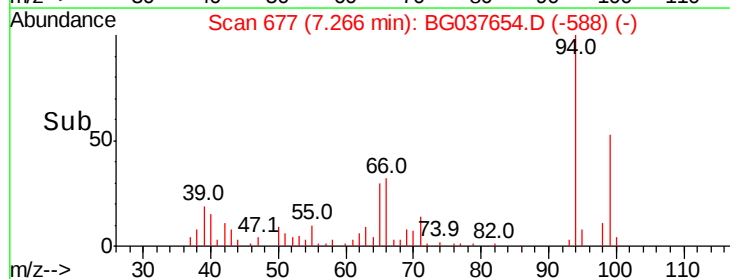
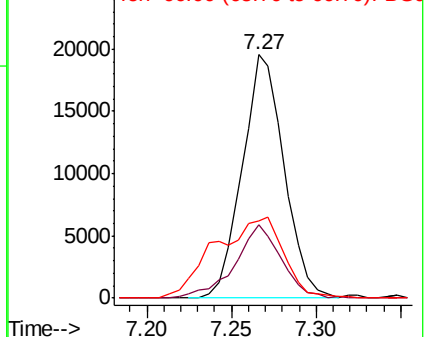
94 100

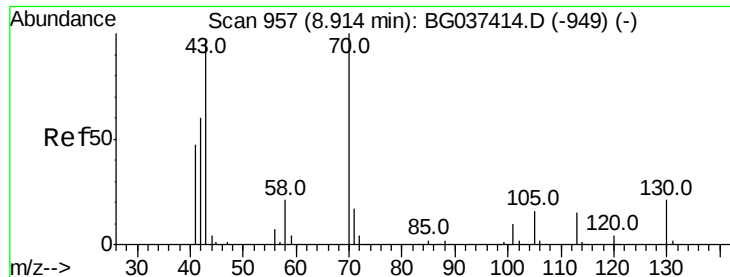
65 30.4 9.7 49.7

66 31.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

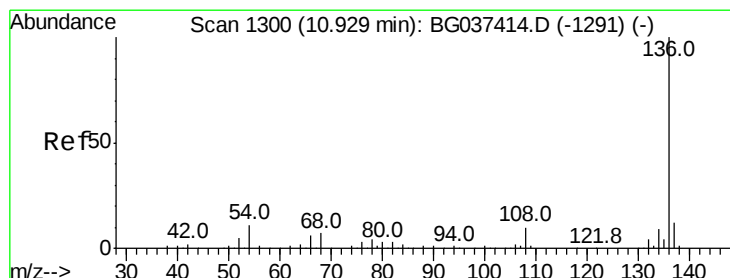
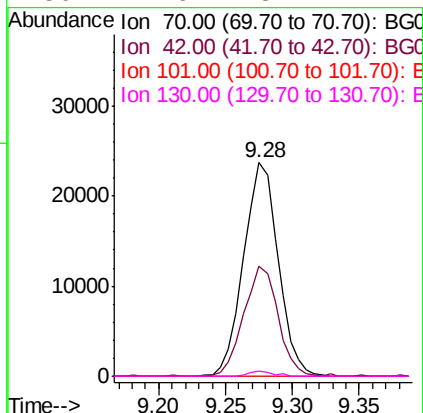
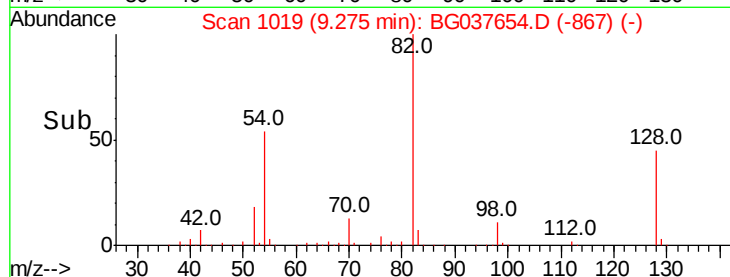
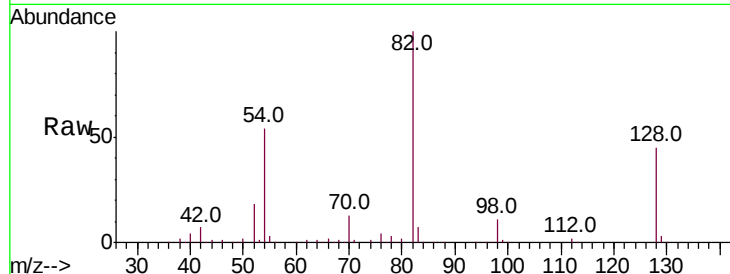




#19
n-Nitroso-di-n-propylamine
Concen: 11.302 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

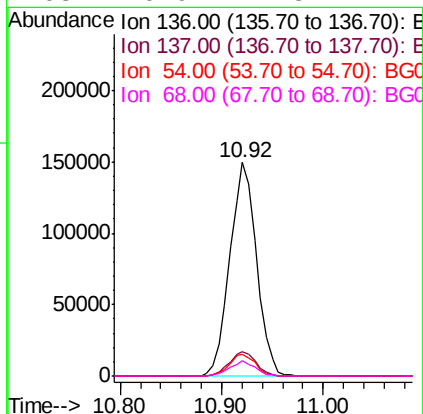
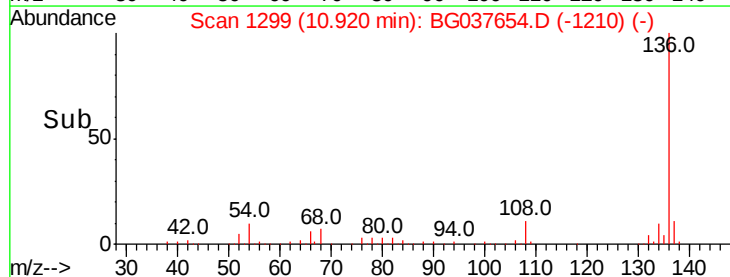
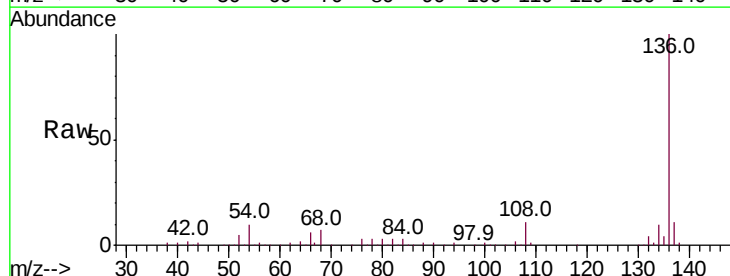
Instrument :
BNA_G
ClientSampleId :

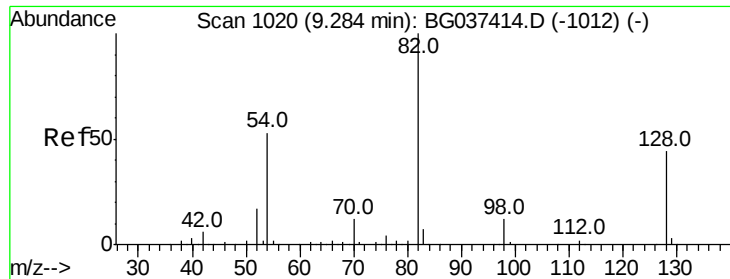
Tot Ion: 70 Resp: 42540
Ion Ratio Lower Upper
70 100
42 51.4 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

Tgt Ion: 136 Resp: 272593
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.2 7.9 11.9
68 6.9 4.8 7.2

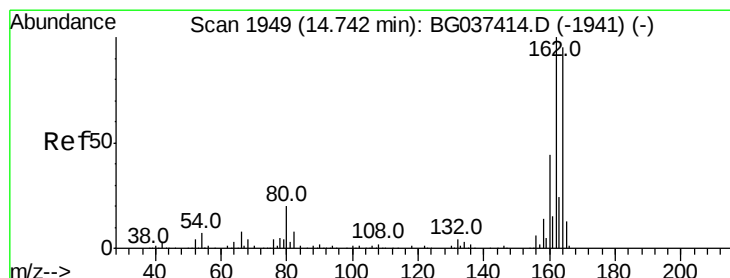
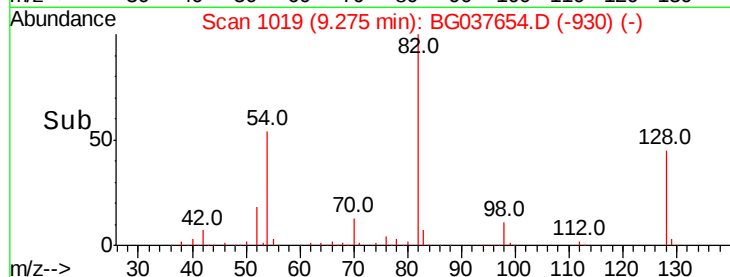
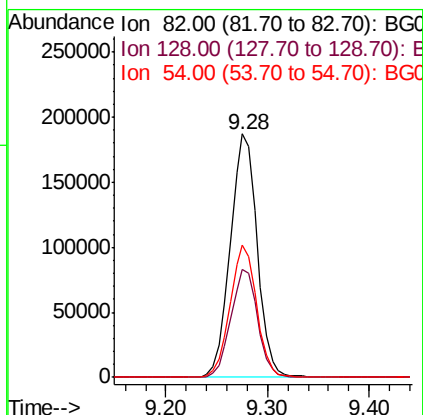
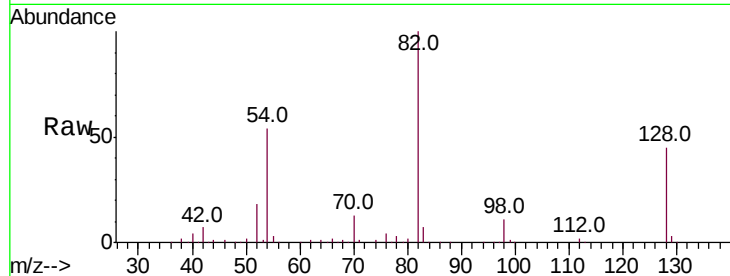




#23
Nitrobenzene-d5
Concen: 70.651 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

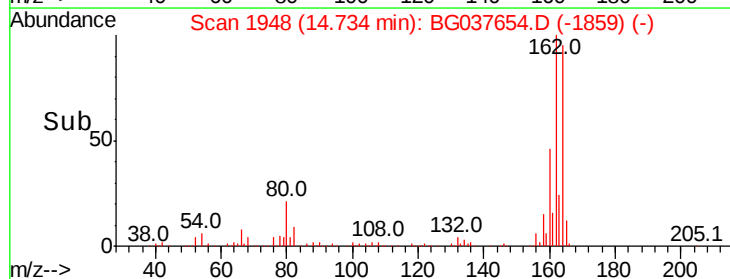
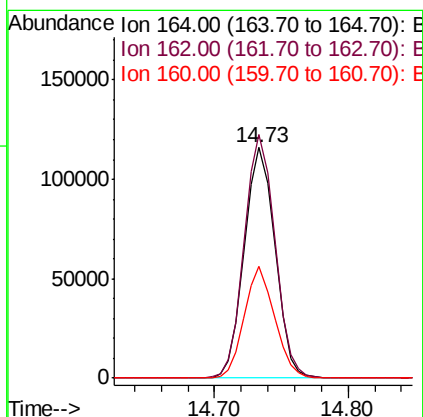
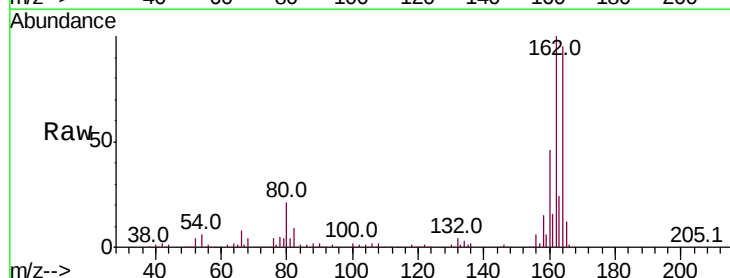
Instrument :
BNA_G
ClientSampled :

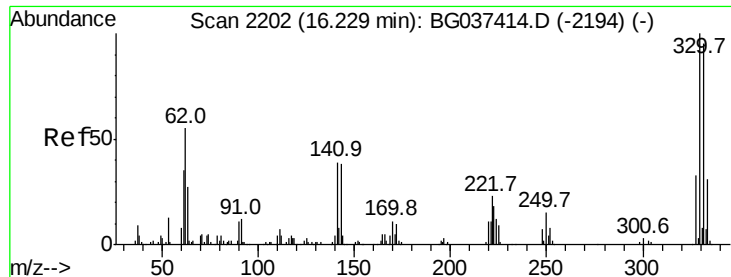
Tot Ion	82	Resp	343796
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	54.2	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

Tgt Ion	164	Resp	184716
Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.3	121.9
160	48.5	36.3	54.5

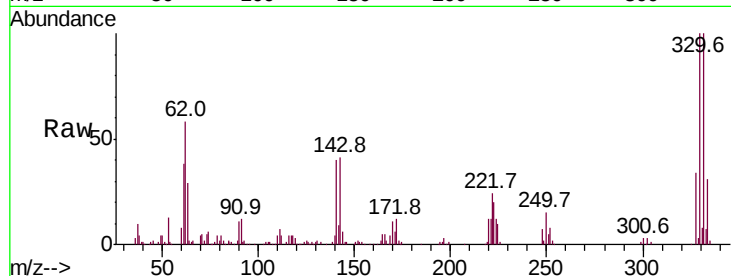




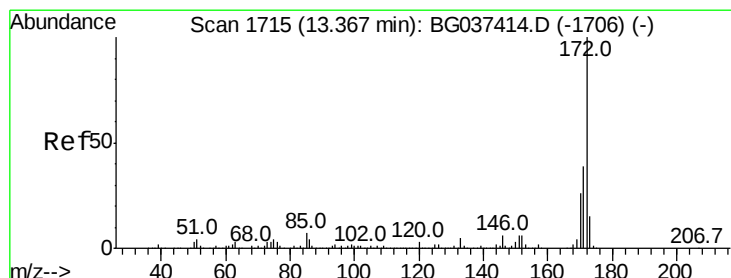
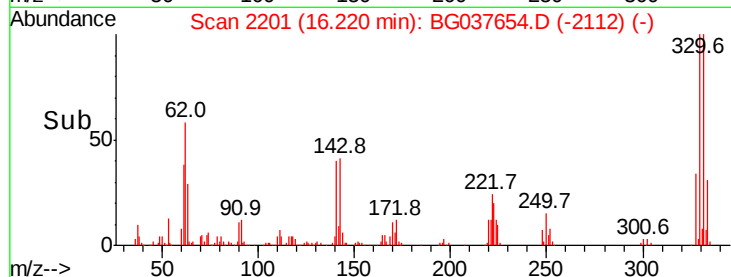
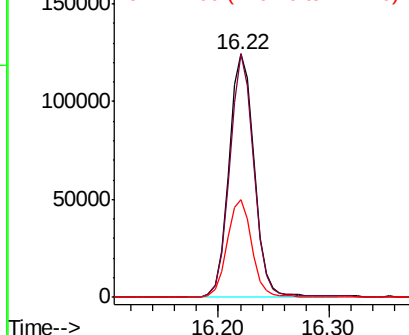
#42
 2,4,6-Tribromophenol
 Concen: 99.696 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037654.D
 Acq: 30 Oct 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	39.3	32.2	48.2

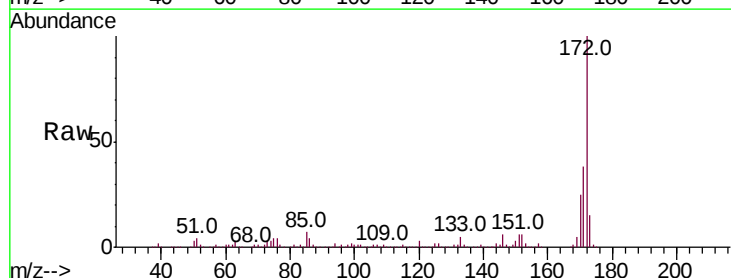


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

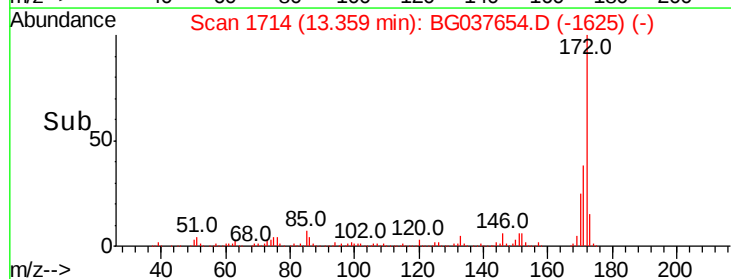
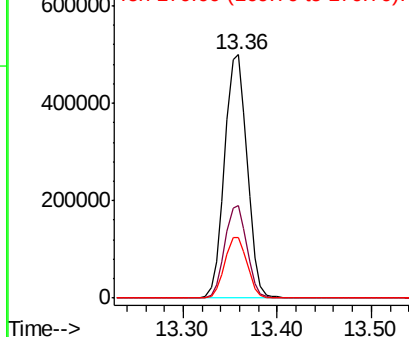


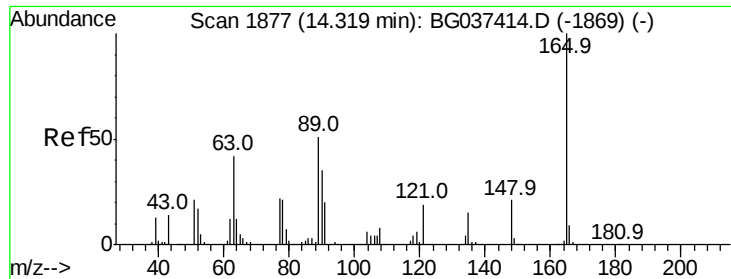
#45
 2-Fluorobiphenyl
 Concen: 68.459 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037654.D
 Acq: 30 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.1	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

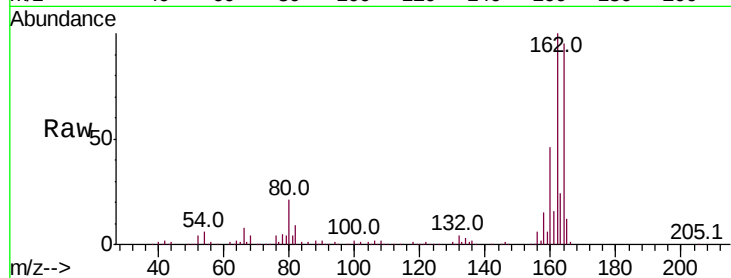




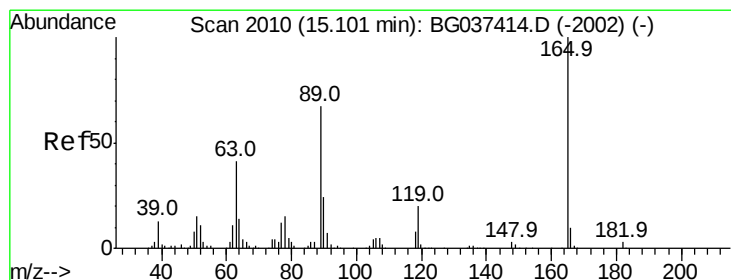
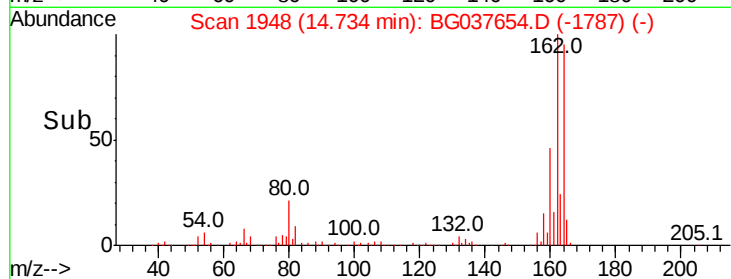
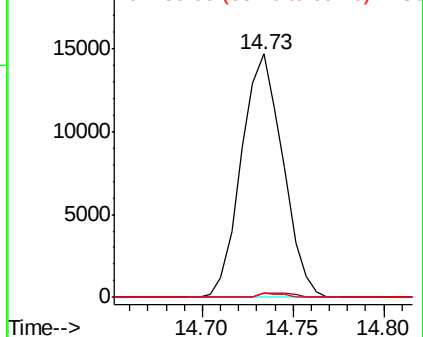
#51
 2,6-Dinitrotoluene
 Concen: 7.370 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037654.D
 Acq: 30 Oct 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.6	45.8	68.6#



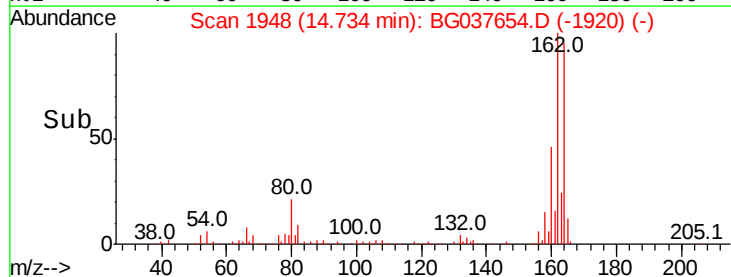
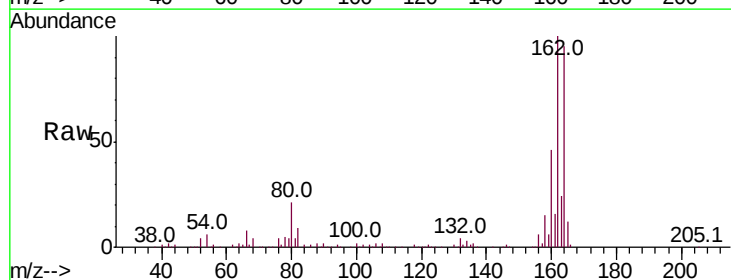
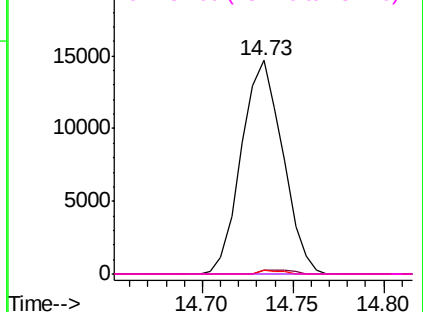
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

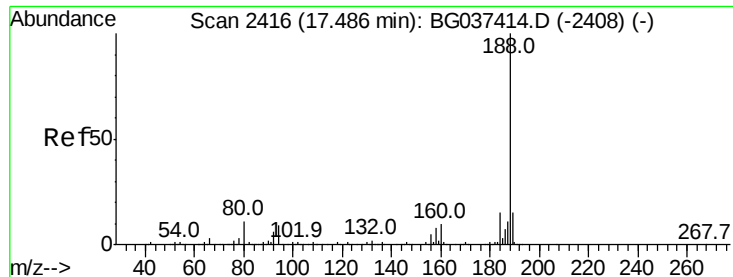


#57
 2,4-Dinitrotoluene
 Concen: 5.614 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037654.D
 Acq: 30 Oct 2018 15:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	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): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

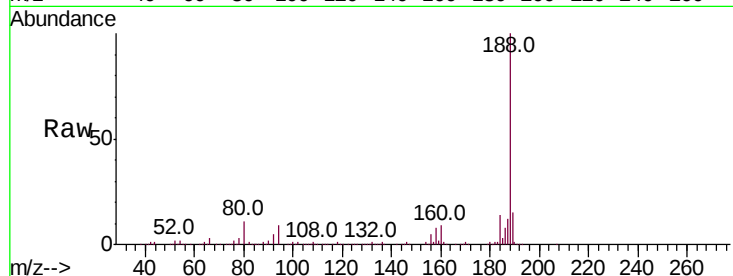




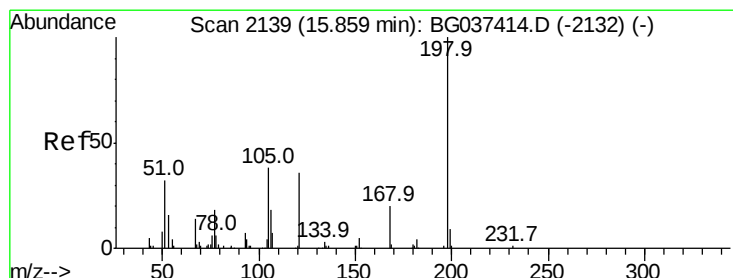
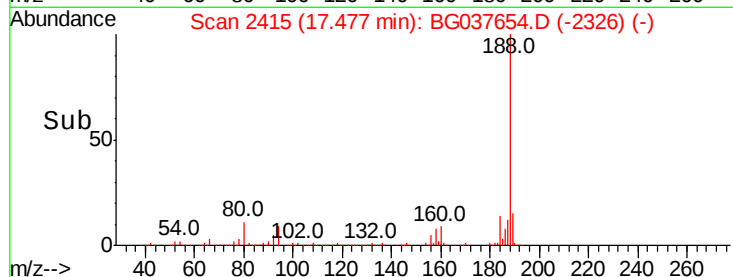
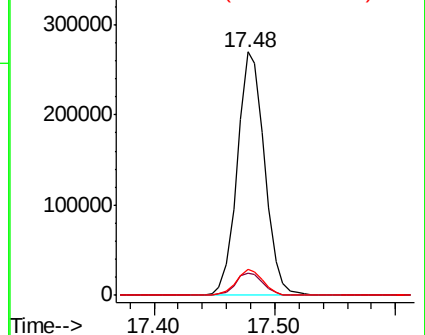
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 423886
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.6 7.7 11.5

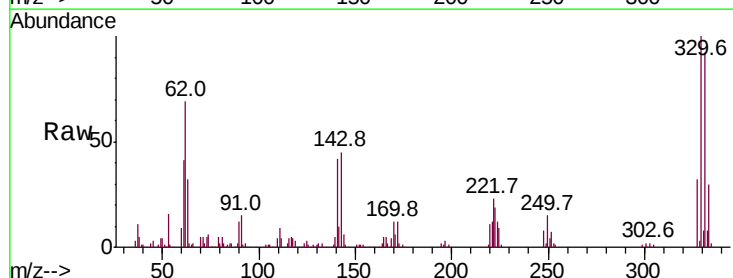


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

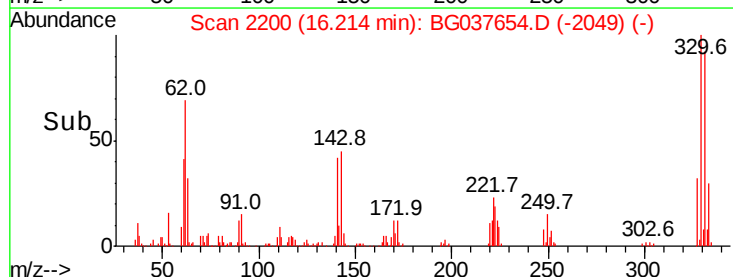
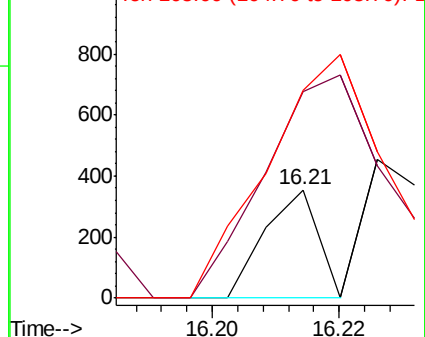


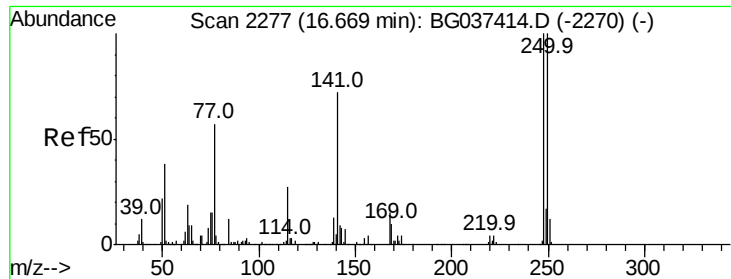
#65
4,6-Dinitro-2-methylphenol
Concen: 8.584 ng
RT: 16.21 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037654.D
Acq: 30 Oct 2018 15:22

Tgt Ion:198 Resp: 206
Ion Ratio Lower Upper
198 100
51 39.7 22.7 62.7
105 40.0 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

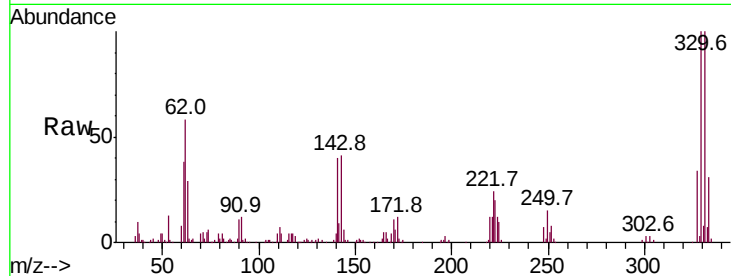




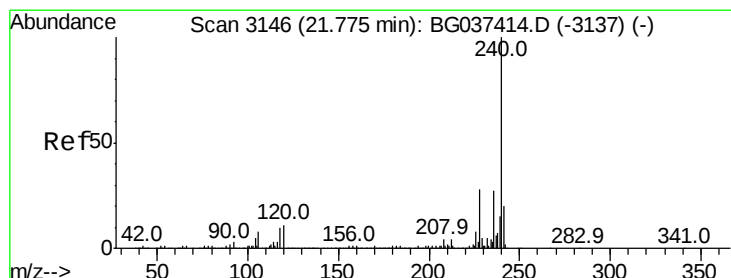
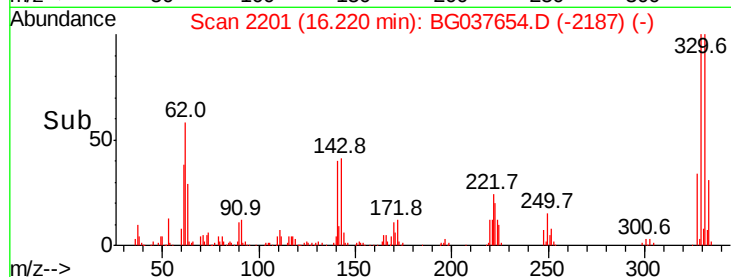
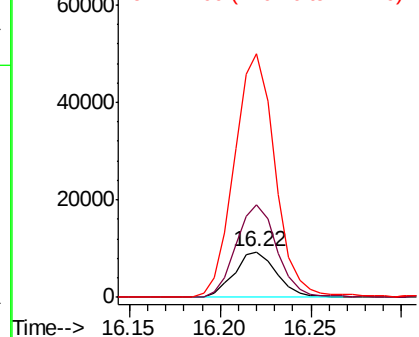
#67
 4-Bromophenyl-phenylether
 Concen: 3.216 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037654.D
 Acq: 30 Oct 2018 15:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14969
 Ion Ratio Lower Upper
 248 100
 250 200.4 77.0 115.6#
 141 404.1 55.5 83.3#

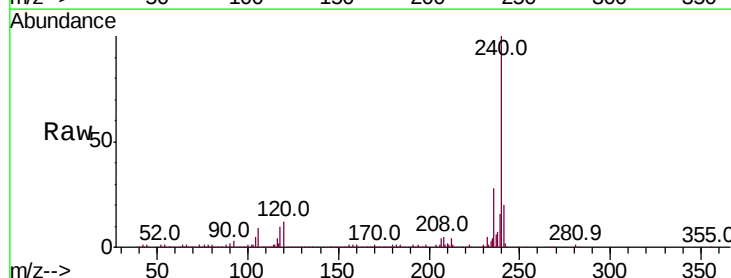


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

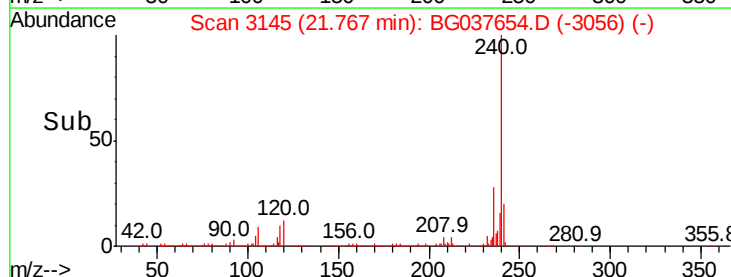
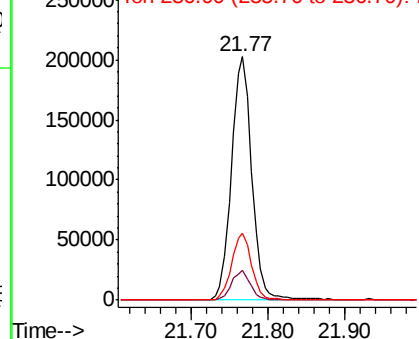


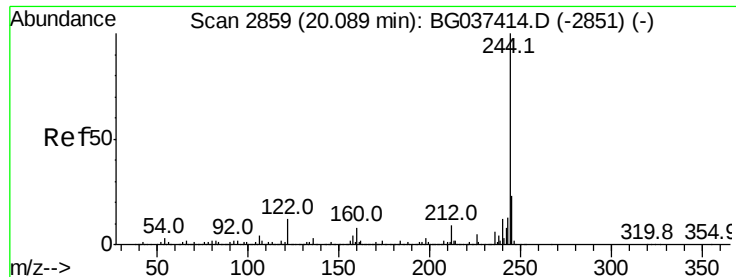
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037654.D
 Acq: 30 Oct 2018 15:22

Tgt Ion:240 Resp: 375319
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.1 12.1#
 236 27.7 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: 66.875 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037654.D

Acq: 30 Oct 2018 15:22

Instrument :

BNA_G

ClientSampled :

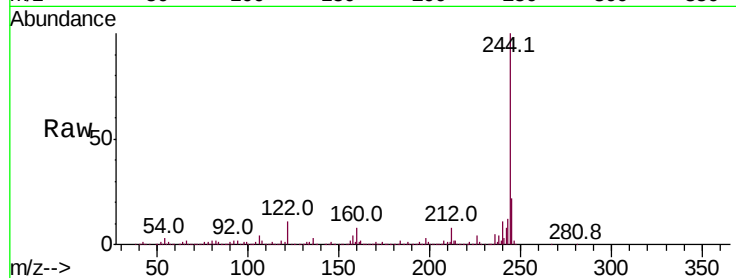
Tot Ion:244 Resp: 1174641

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.5	9.0	13.4

244 100

212 7.7 6.5 9.7

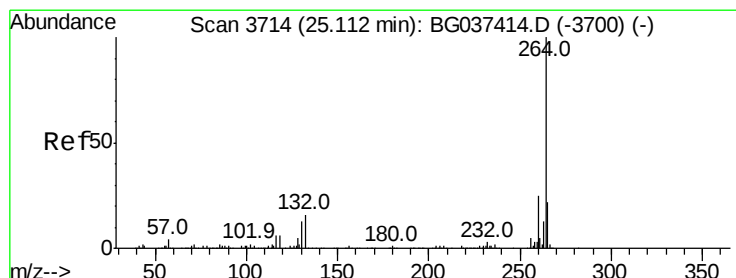
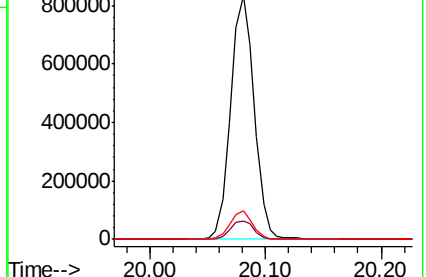
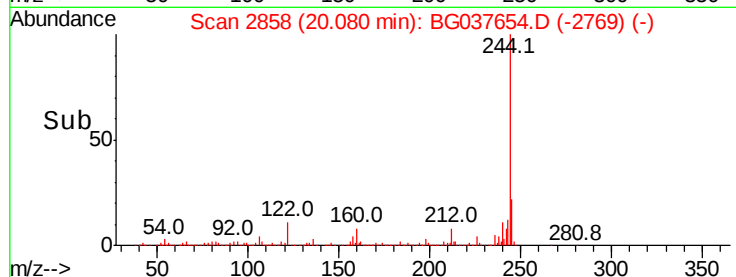
122 11.5 9.0 13.4



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. -0.01 min

Lab File: BG037654.D

Acq: 30 Oct 2018 15:22

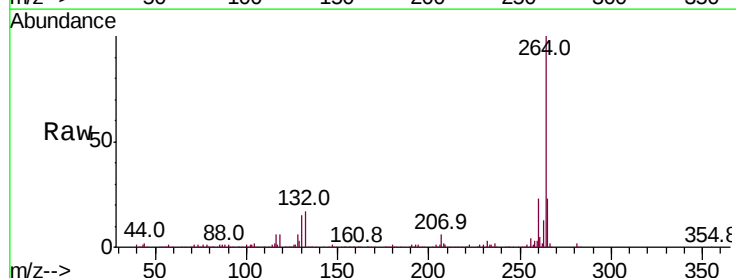
Tgt Ion:264 Resp: 380601

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.8	17.9	26.9

264 100

260 23.4 18.2 27.4

265 22.8 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

