

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037531.D
 Acq On : 25 Oct 2018 4:36
 Operator : JU/SJ
 Sample : J5639-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 08:02:37 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

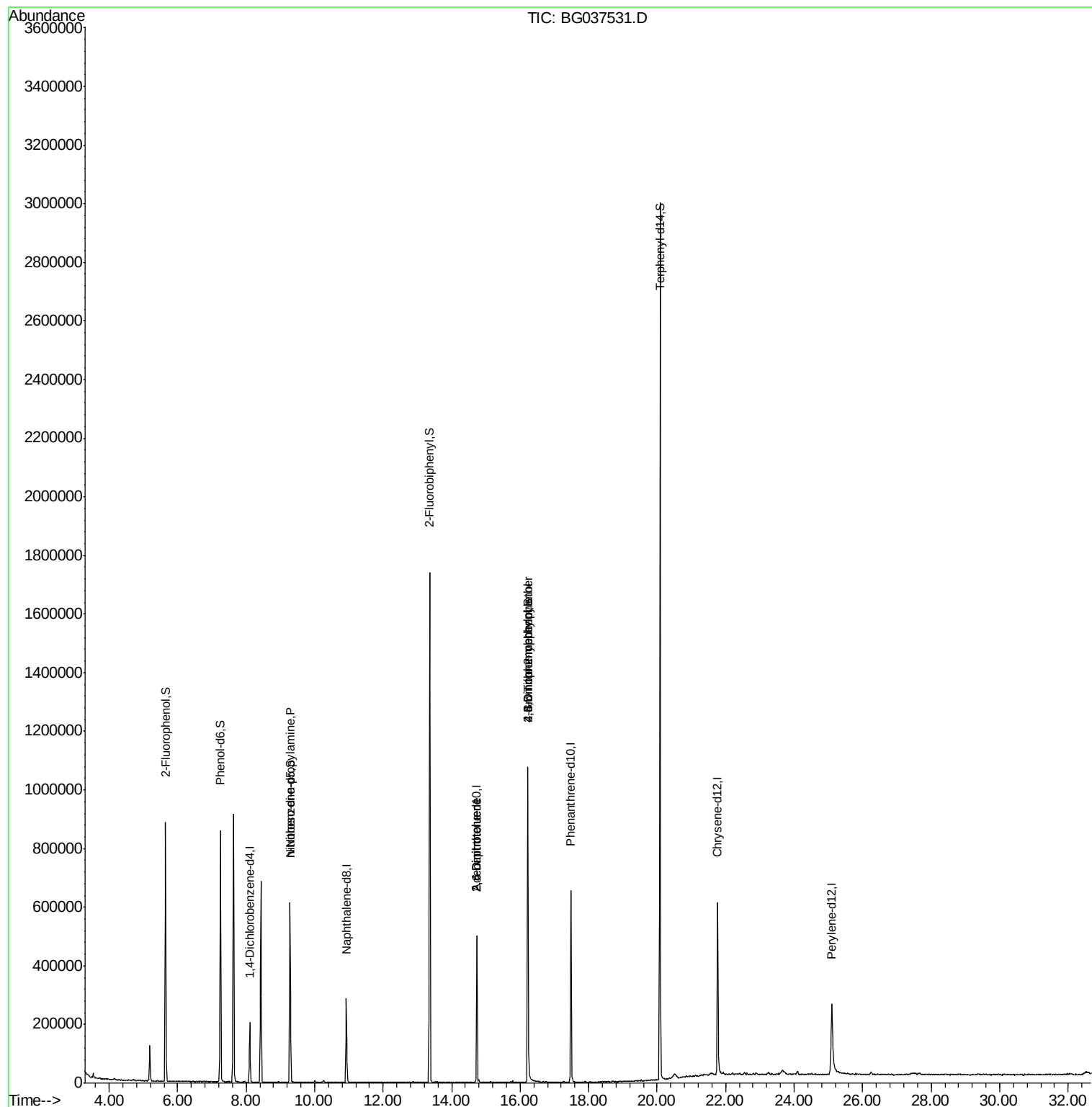
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59619	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262042	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	178157	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	430963	20.00	ng	0.00
76) Chrysene-d12	21.76	240	398996	20.00	ng	-0.01
87) Perylene-d12	25.09	264	352265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	404256	113.36	ng	0.00
7) Phenol-d6	7.24	99	549019	101.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	394655	84.37	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	204645	105.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	939161	79.49	ng	0.00
79) Terphenyl-d14	20.08	244	1481153	79.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	49613	13.361	ng	# 71
51) 2,6-Dinitrotoluene	14.74	165	22602	7.413	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	22602	5.647	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	983	8.865	ng	75
67) 4-Bromophenyl-phenylether	16.23	248	15384	3.251	ng	# 1

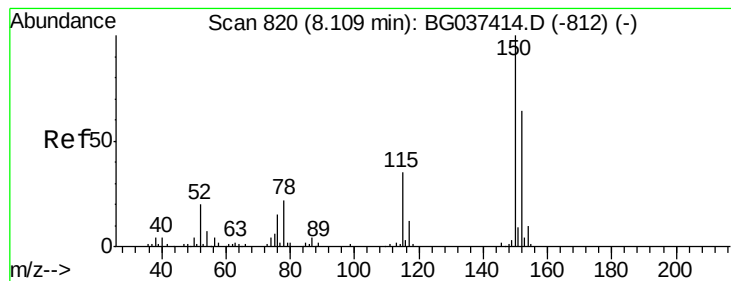
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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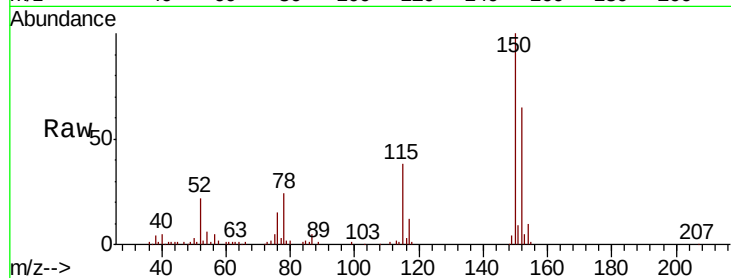


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.0	189.0
115	59.3	45.5	68.3

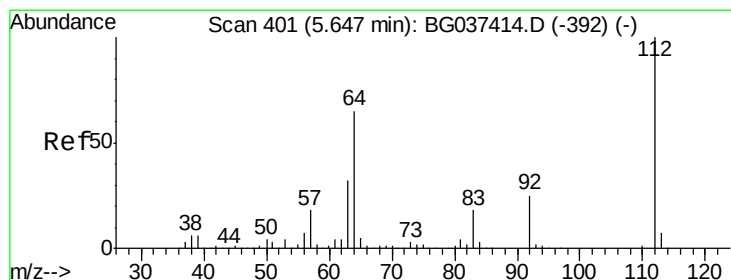
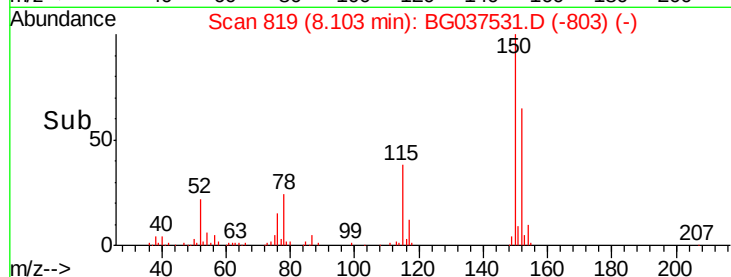
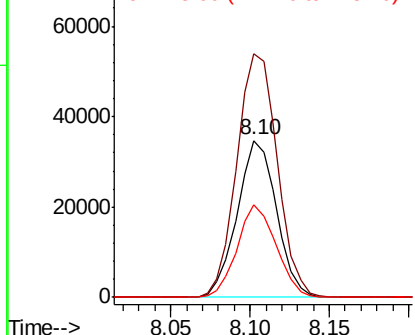


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

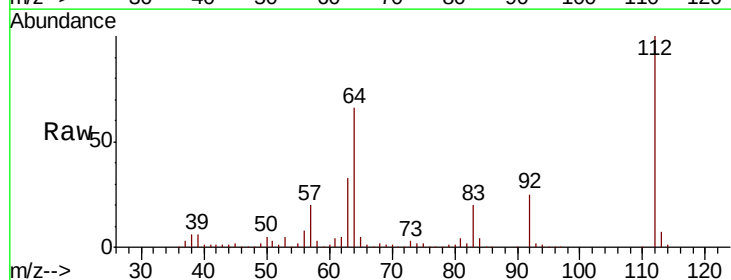
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.363 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.1	79.7
63	33.4	27.3	40.9

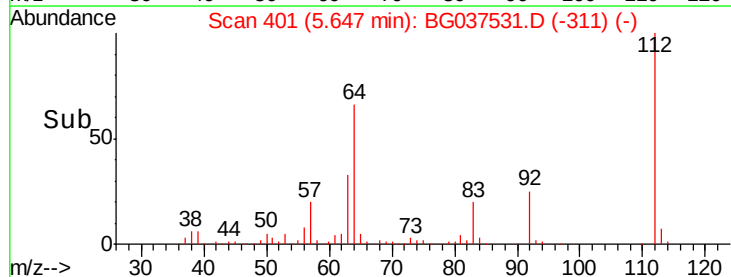
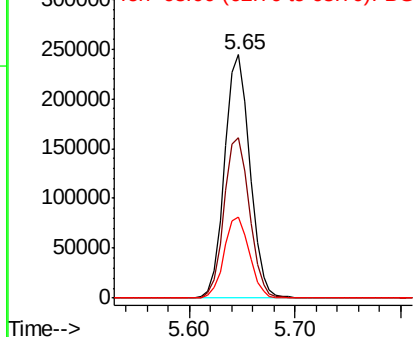


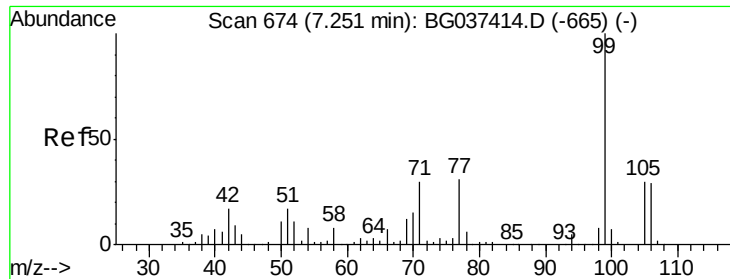
Abundance

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: 101.815 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037531.D

Acq: 25 Oct 2018 4:36

Instrument :

BNA_G

ClientSampleId :

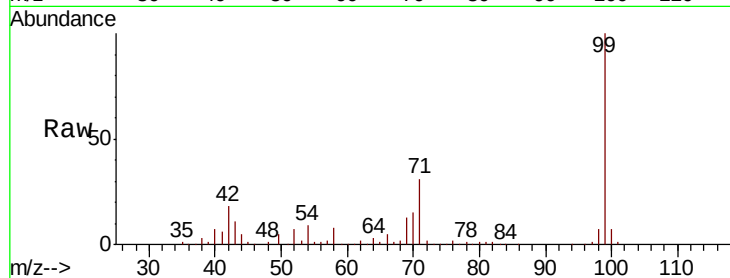
Tot Ion: 99 Resp: 549019

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

71 30.5 25.5 38.3

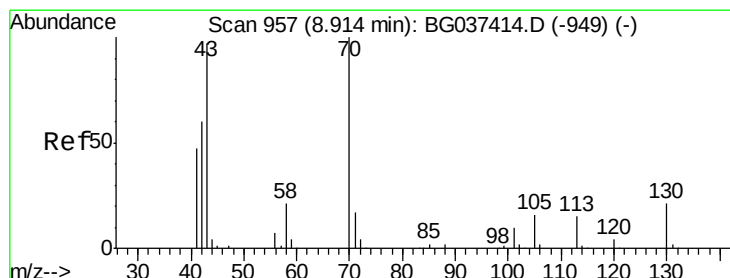
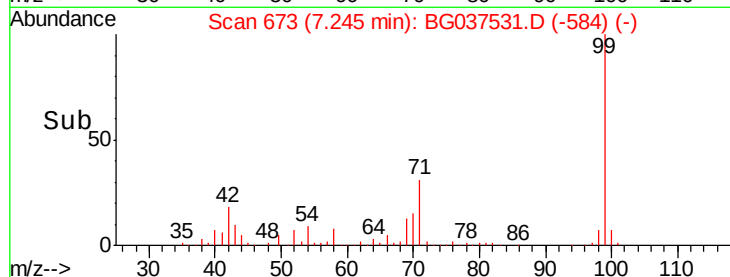
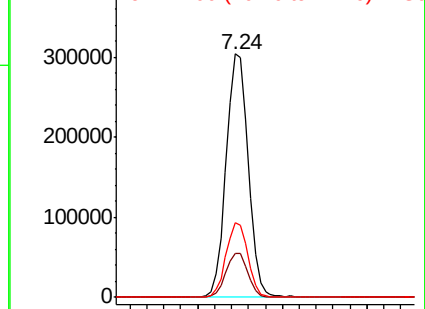


Abundance

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: 13.361 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037531.D

Acq: 25 Oct 2018 4:36

Tgt Ion: 70 Resp: 49613

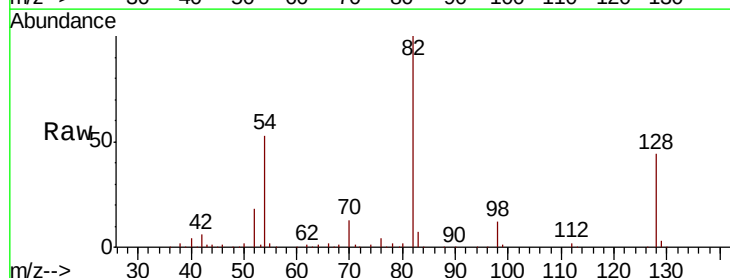
Ion Ratio Lower Upper

70 100

42 47.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.5 18.2 27.4#



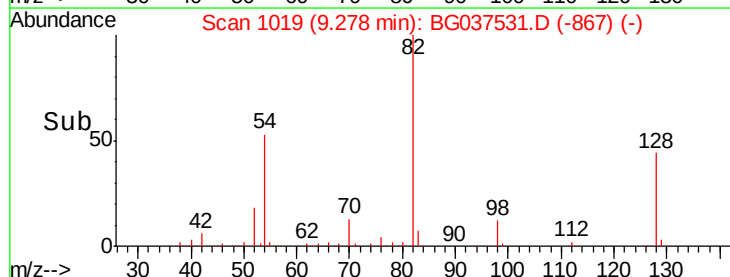
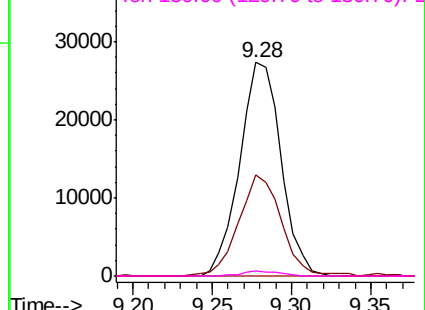
Abundance

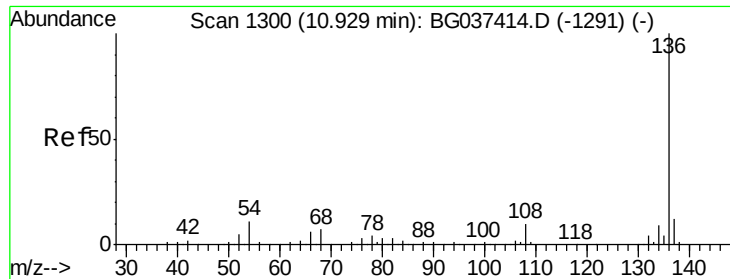
Ion 70.00 (69.70 to 70.70): BGC

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

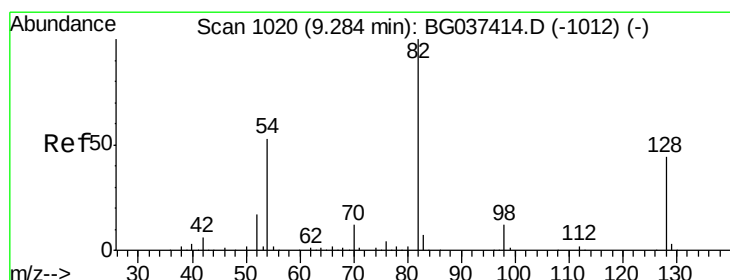
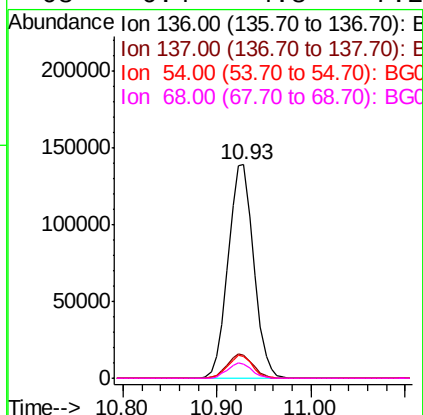
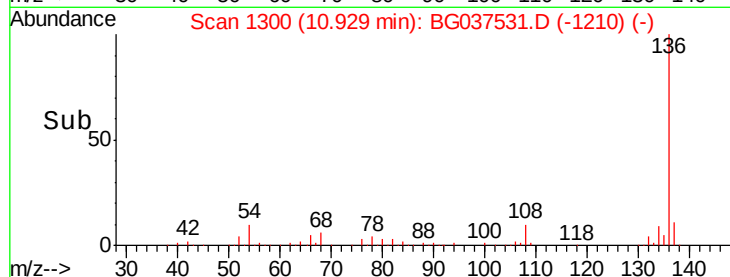
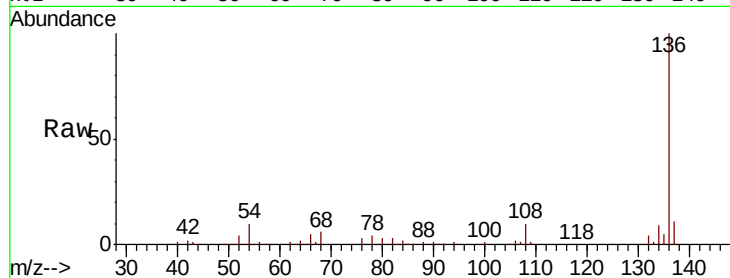




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

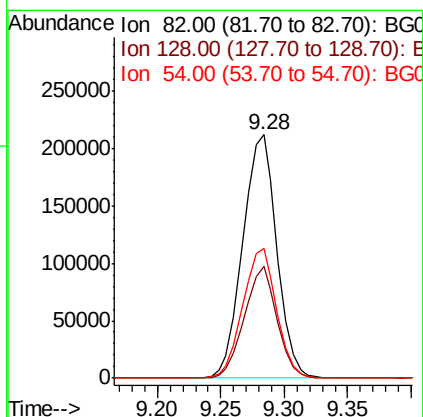
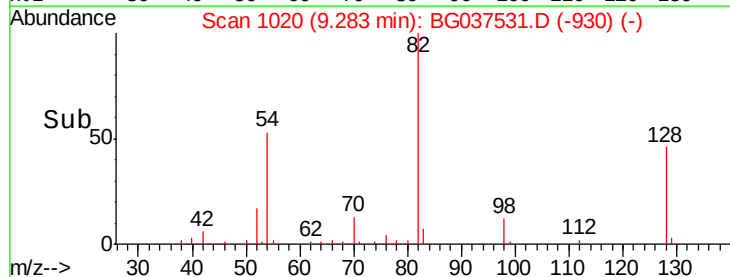
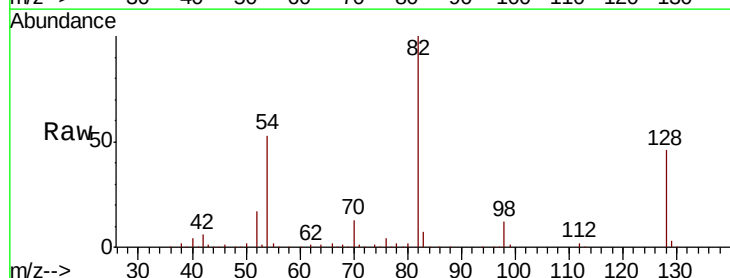
Instrument :
BNA_G
ClientSampleId :

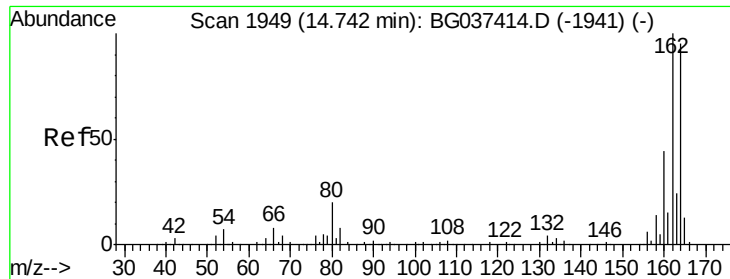
Tot Ion:136	Resp:	262042
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.6 14.4
54	10.2	7.9 11.9
68	6.4	4.8 7.2



#23
Nitrobenzene-d5
Concen: 84.369 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

Tgt Ion: 82	Resp:	394655
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.6 51.8
54	53.1	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037531.D

Acq: 25 Oct 2018 4:36

Instrument :

BNA_G

ClientSampleId :

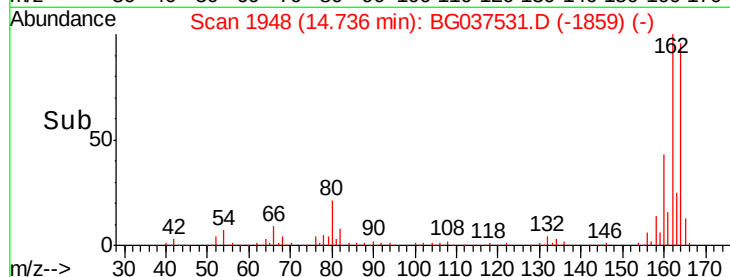
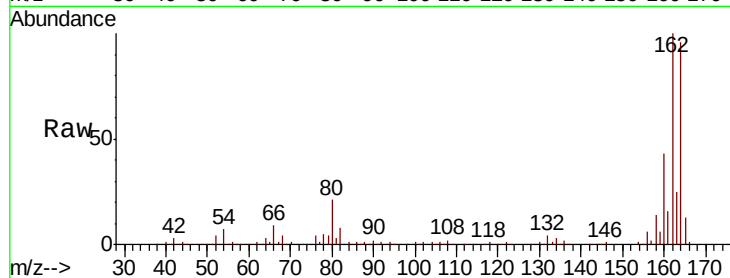
Tot Ion:164 Resp: 178157

Ion Ratio Lower Upper

164 100

162 104.3 81.3 121.9

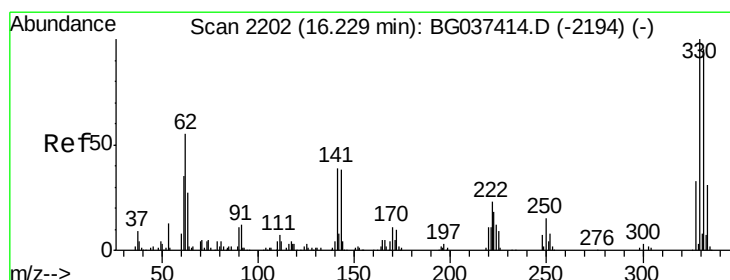
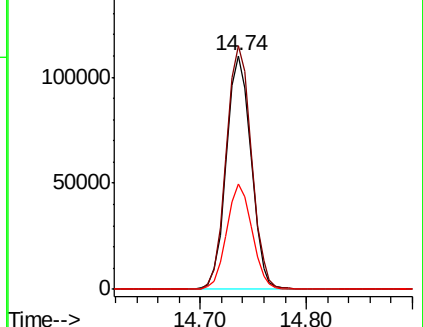
160 44.9 36.3 54.5



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: 105.317 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037531.D

Acq: 25 Oct 2018 4:36

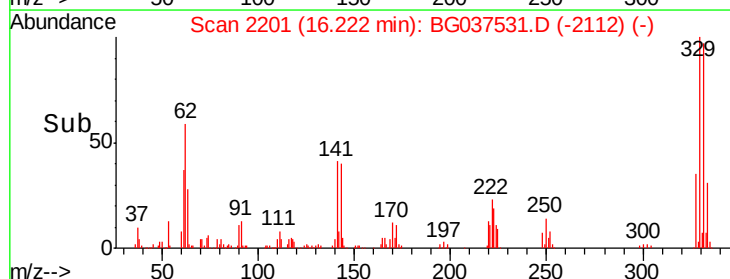
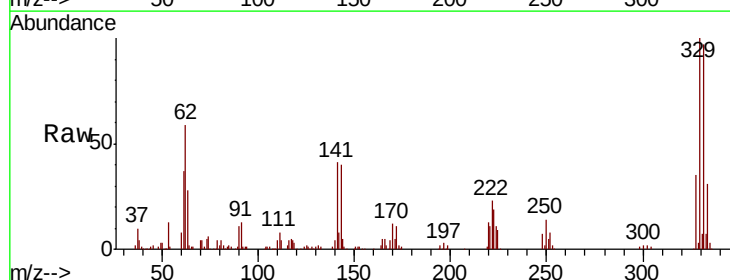
Tgt Ion:330 Resp: 204645

Ion Ratio Lower Upper

330 100

332 97.7 78.4 117.6

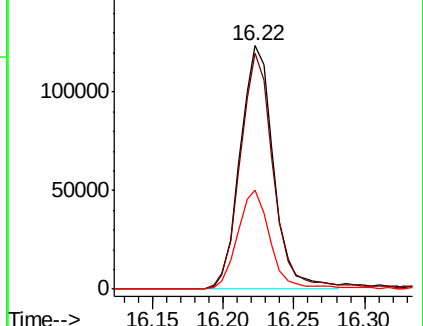
141 40.4 32.2 48.2

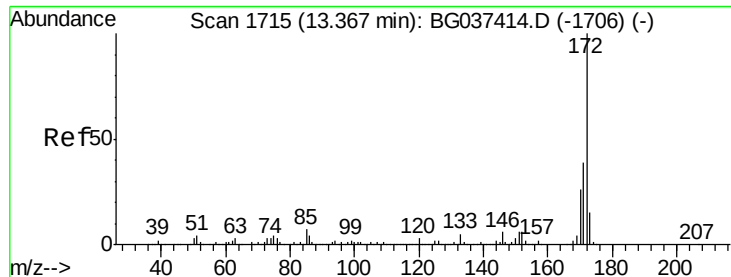


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

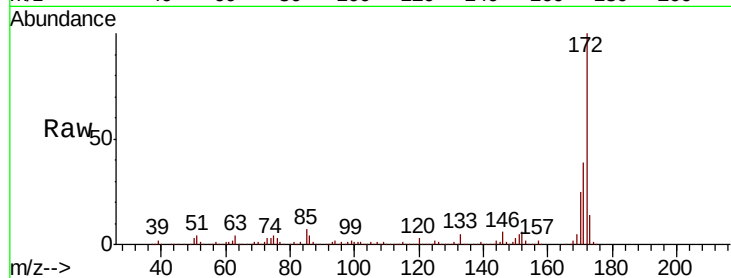




#45
2-Fluorobiphenyl
Concen: 79.492 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.3	20.2	30.2

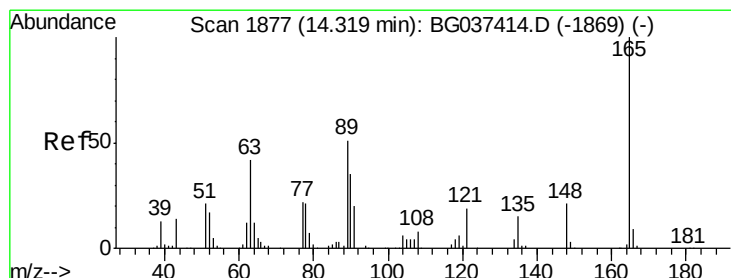
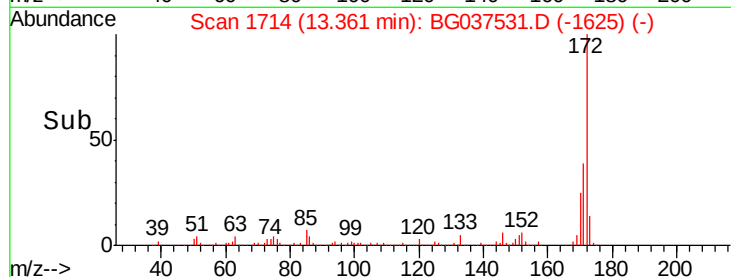
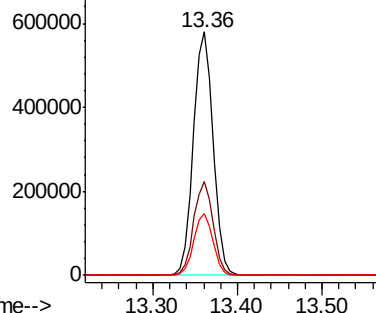


Abundance

Ion 172.00 (171.70 to 172.70): E

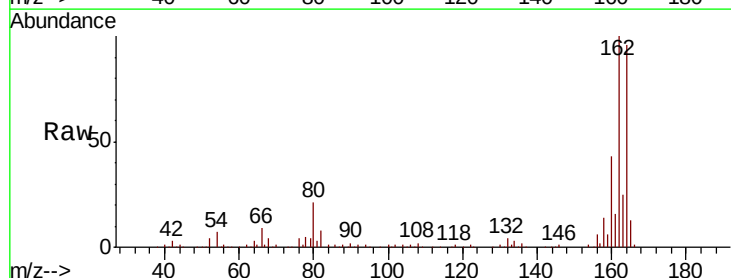
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
2,6-Dinitrotoluene
Concen: 7.413 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	1.4	45.8	68.6#

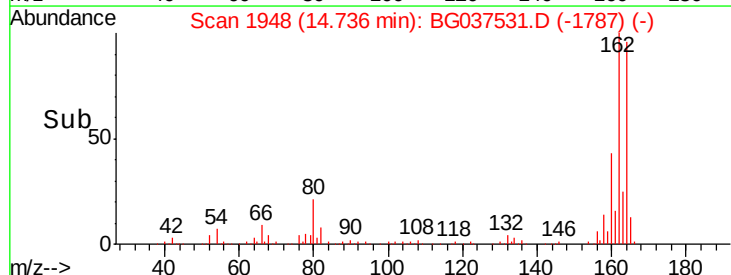
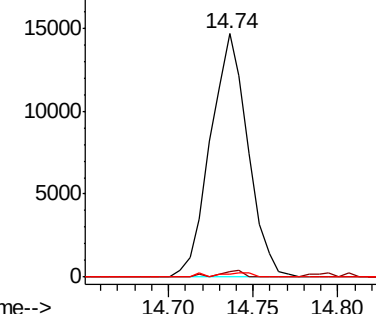


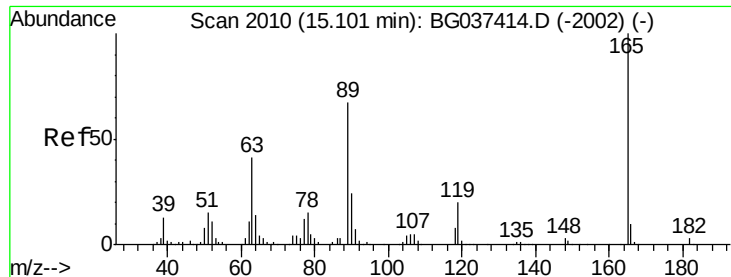
Abundance

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

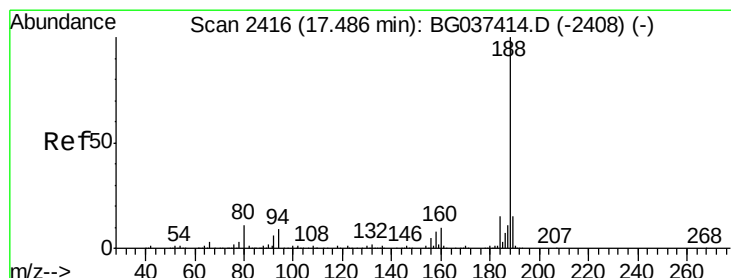
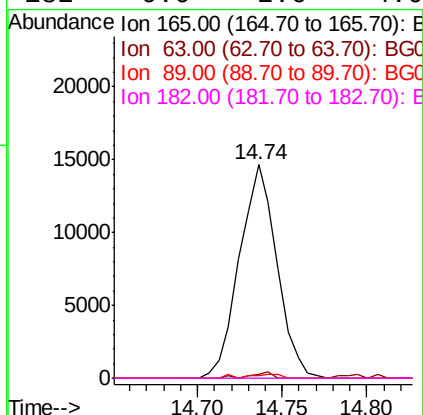
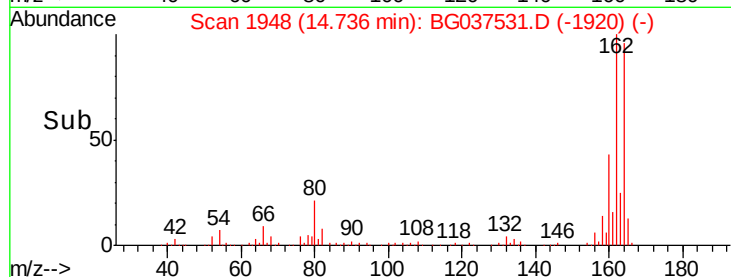
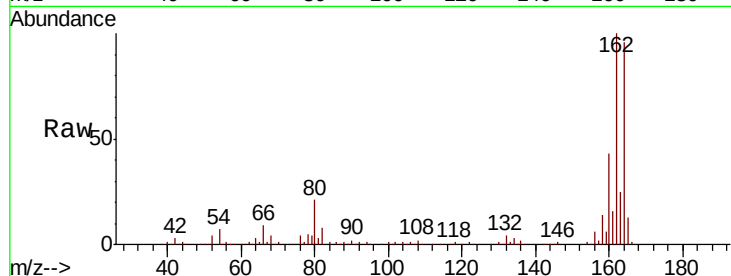




#57
 2,4-Dinitrotoluene
 Concen: 5.647 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037531.D
 Acq: 25 Oct 2018 4:36

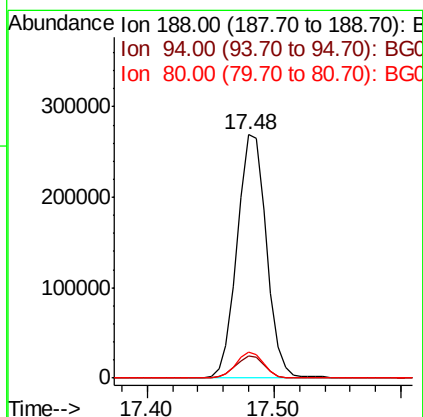
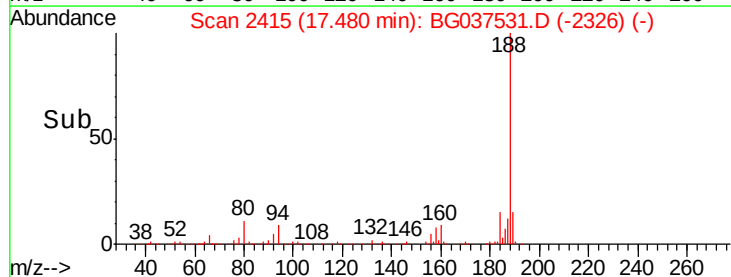
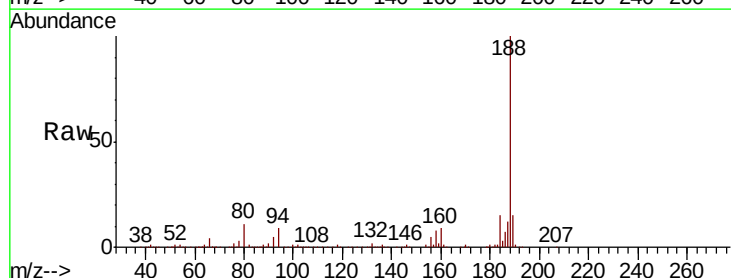
Instrument :
 BNA_G
 ClientSampleId :

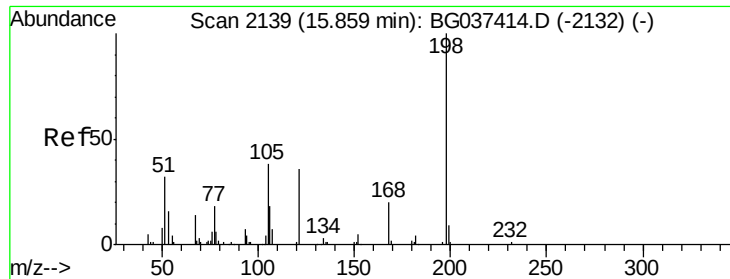
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037531.D
 Acq: 25 Oct 2018 4:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.9	7.7	11.5

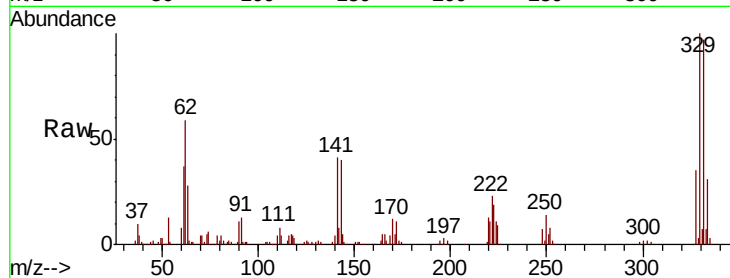




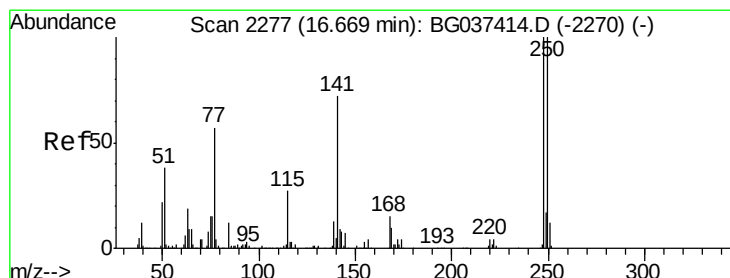
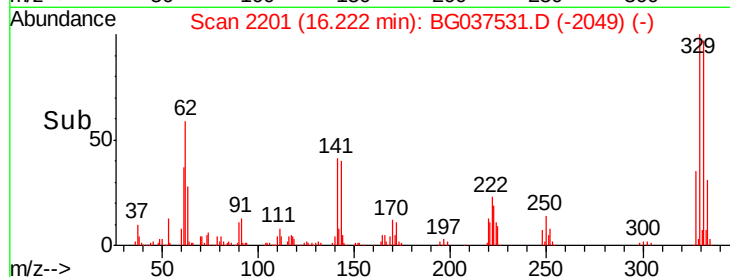
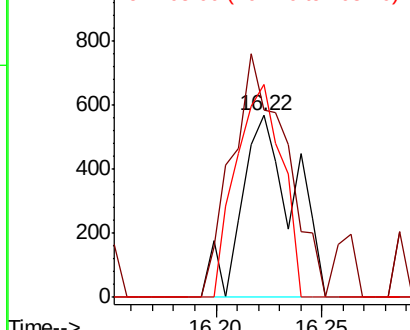
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.865 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037531.D
 Acq: 25 Oct 2018 4:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 983
 Ion Ratio Lower Upper
 198 100
 51 23.8 22.7 62.7
 105 27.1 19.7 59.7

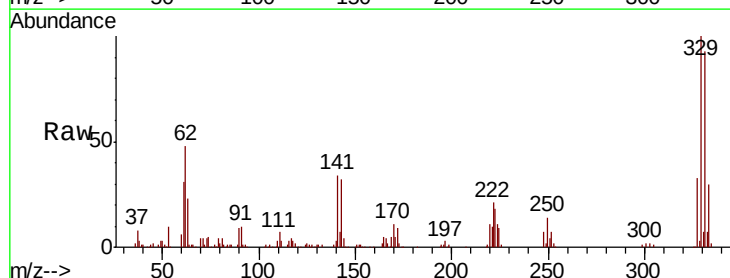


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

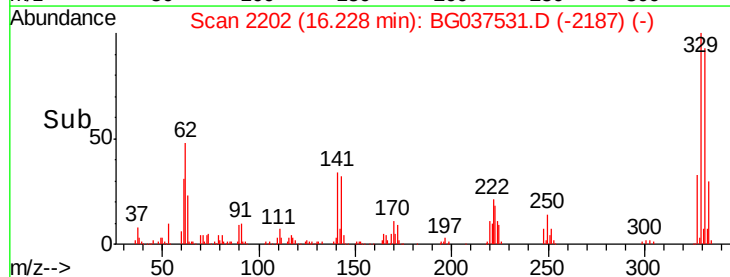
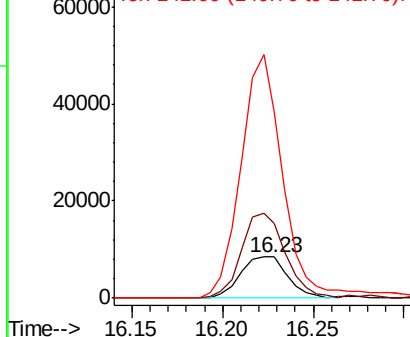


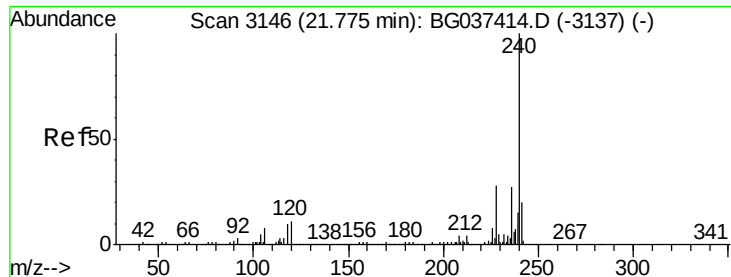
#67
 4-Bromophenyl-phenylether
 Concen: 3.251 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037531.D
 Acq: 25 Oct 2018 4:36

Tgt Ion:248 Resp: 15384
 Ion Ratio Lower Upper
 248 100
 250 182.2 77.0 115.6#
 141 349.7 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

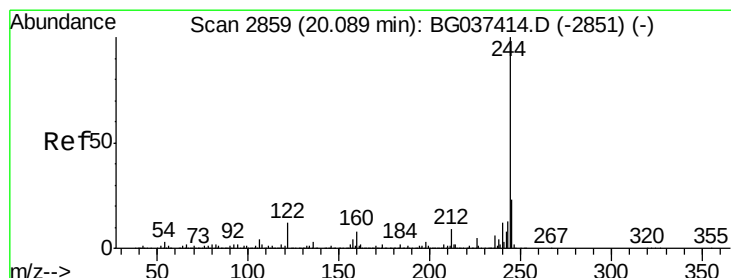
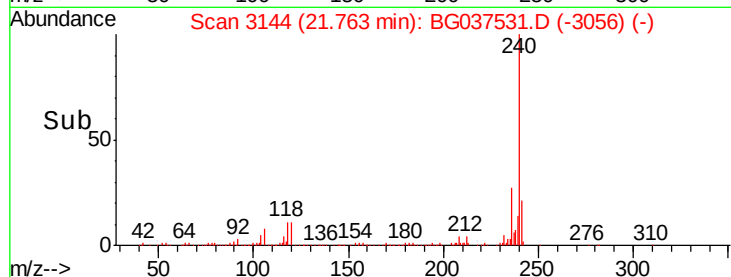
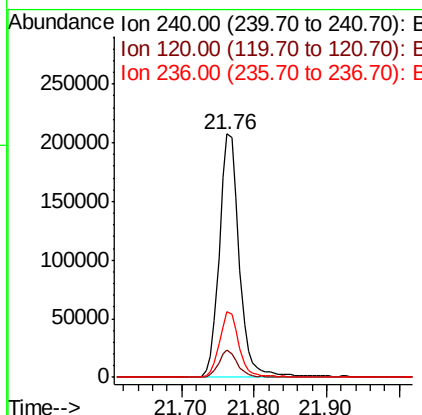
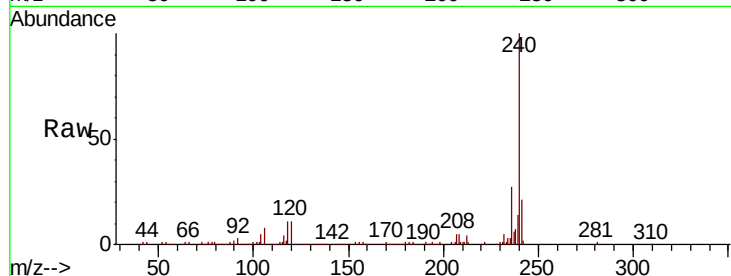




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

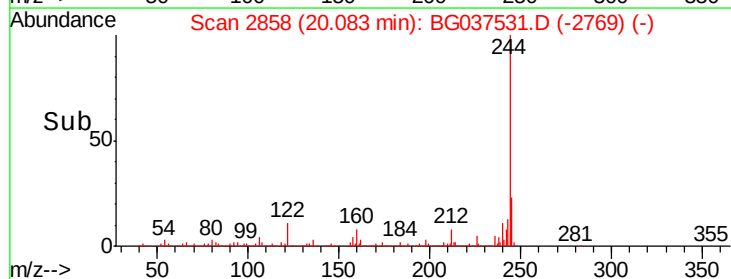
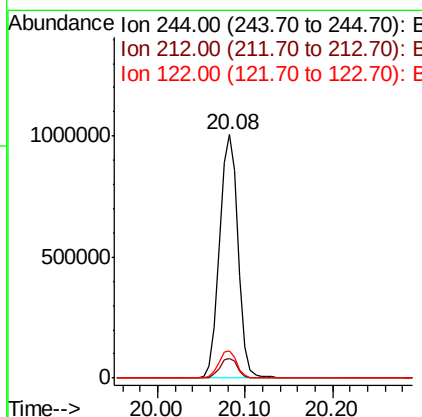
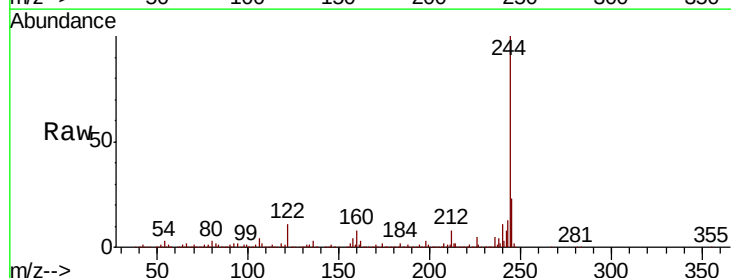
Instrument :
BNA_G
ClientSampled :

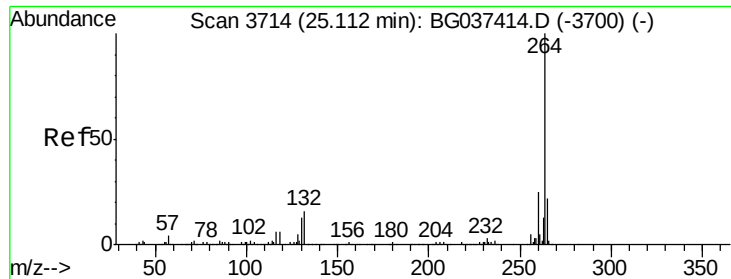
Tot Ion:240 Resp: 398996
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.9 21.4 32.0



#79
Terphenyl-d14
Concen: 79.321 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

Tgt Ion:244 Resp: 1481153
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.5 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037531.D
Acq: 25 Oct 2018 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	20.2	17.9	26.9

