

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037604.D
 Acq On : 27 Oct 2018 6:15
 Operator : JU/SJ
 Sample : J5675-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Oct 29 02:14:20 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

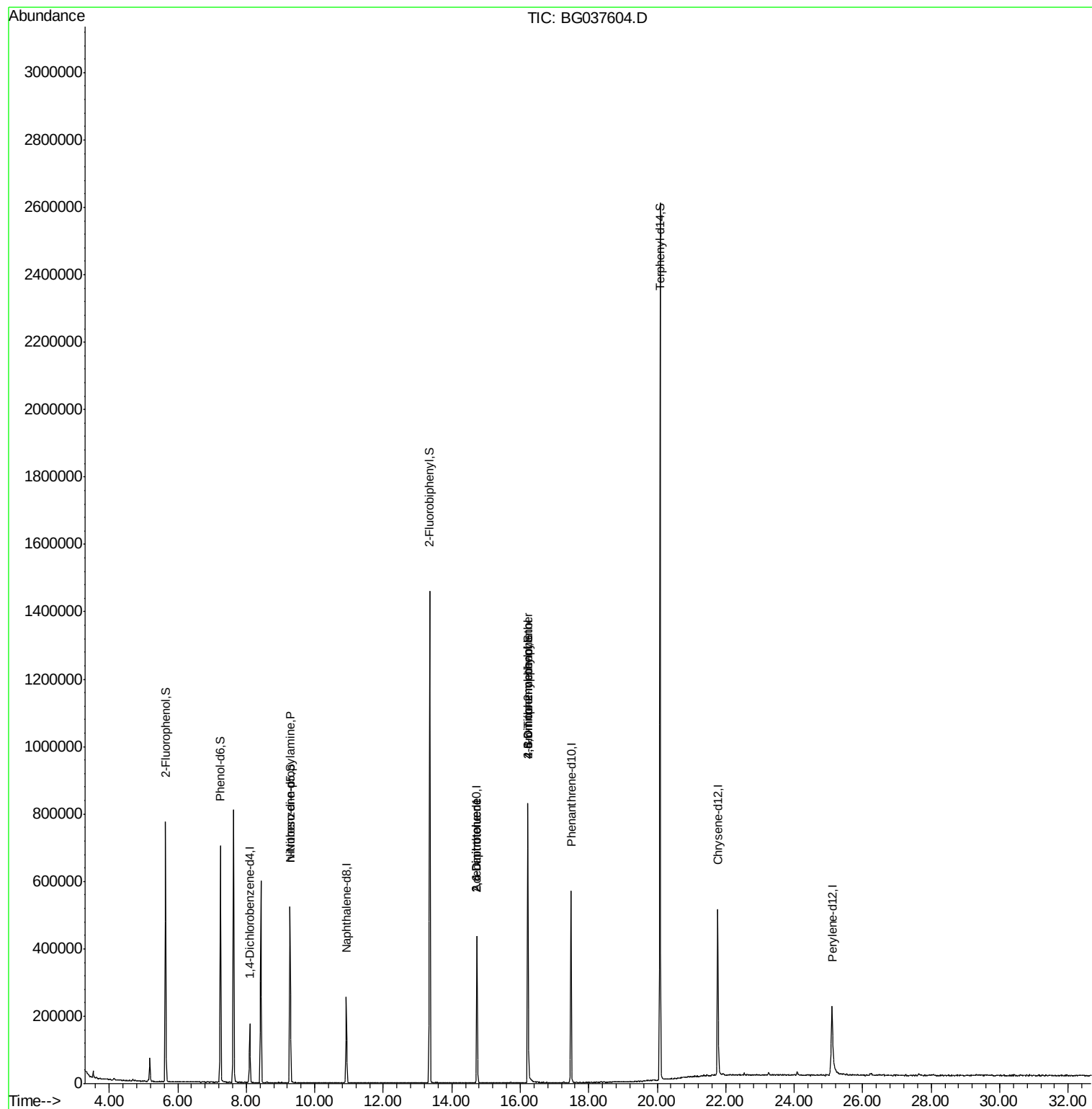
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52024	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	231547	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	156487	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	372607	20.00	ng	0.00
76) Chrysene-d12	21.77	240	339991	20.00	ng	0.00
87) Perylene-d12	25.10	264	303316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	355962	114.39	ng	0.00
7) Phenol-d6	7.24	99	454137	96.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	333499	80.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	158902	93.10	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	803361	77.41	ng	0.00
79) Terphenyl-d14	20.08	244	1245076	78.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	40785	12.587	ng	# 75
51) 2,6-Dinitrotoluene	14.73	165	20956	7.825	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	20956	5.961	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.23	198	520	8.726	ng	# 74
67) 4-Bromophenyl-phenylether	16.22	248	11251	2.750	ng	# 1

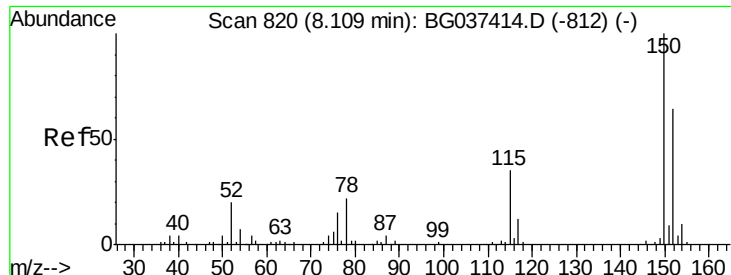
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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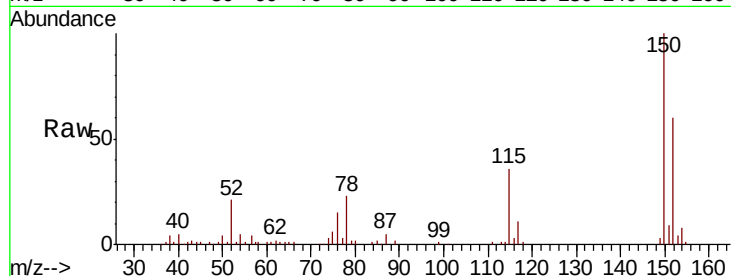


#1

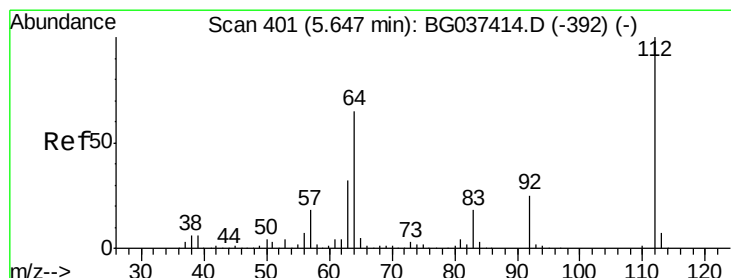
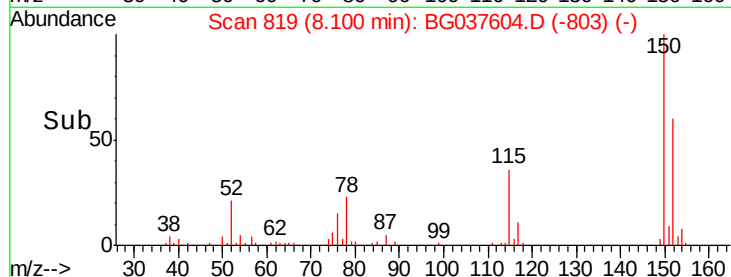
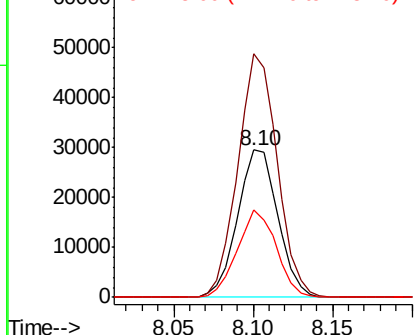
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 52024
Ion Ratio Lower Upper
152 100
150 165.5 126.0 189.0
115 59.1 45.5 68.3



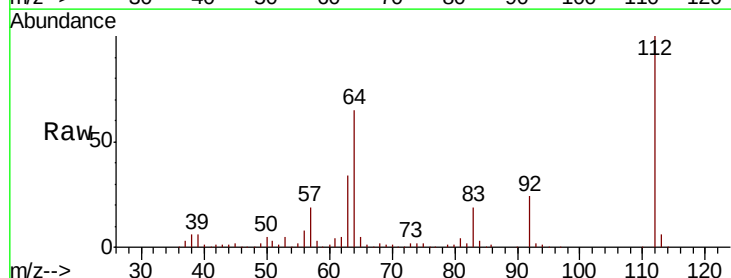
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



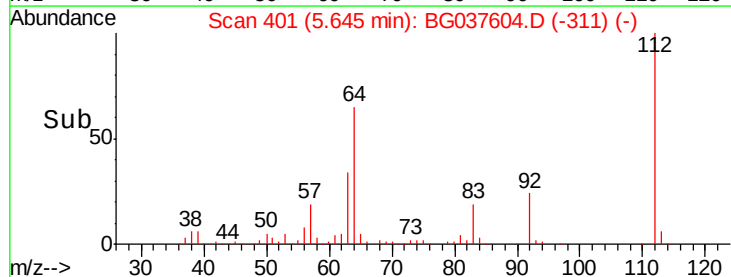
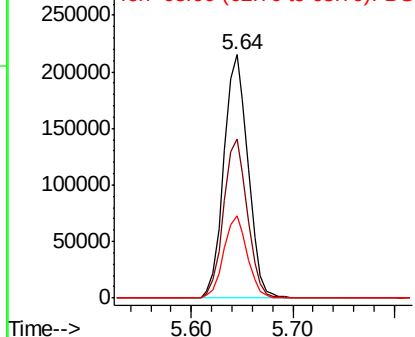
#5

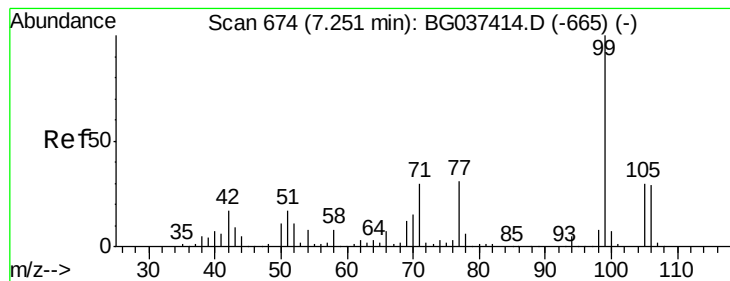
2-Fluorophenol
Concen: 114.393 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Tgt Ion:112 Resp: 355962
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 33.8 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: 96.515 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

Instrument :

BNA_G

ClientSampleId :

TP-5

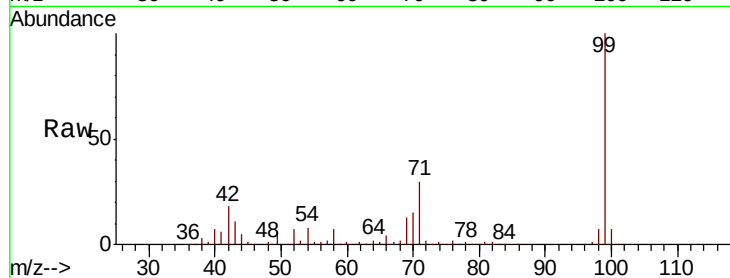
Tot Ion: 99 Resp: 454137

Ion Ratio Lower Upper

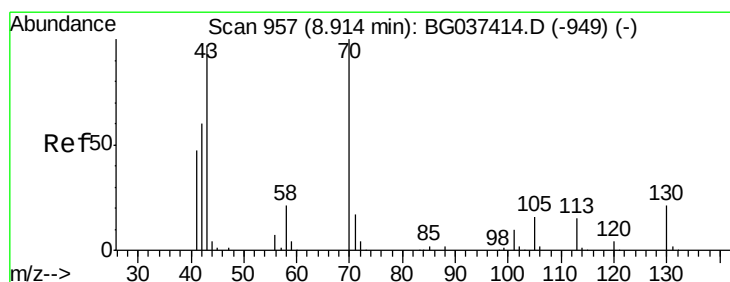
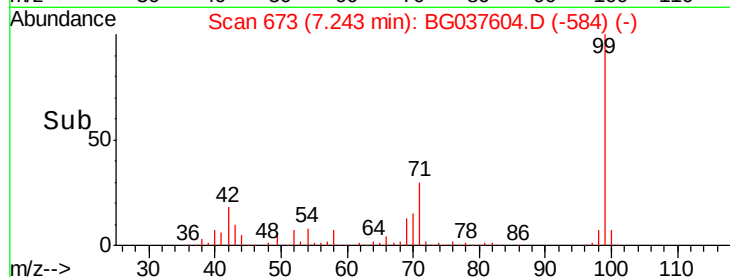
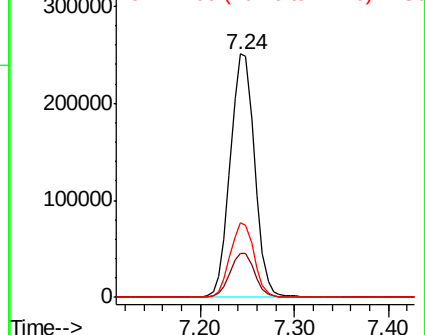
99 100

42 18.1 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: 12.587 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

Tgt Ion: 70 Resp: 40785

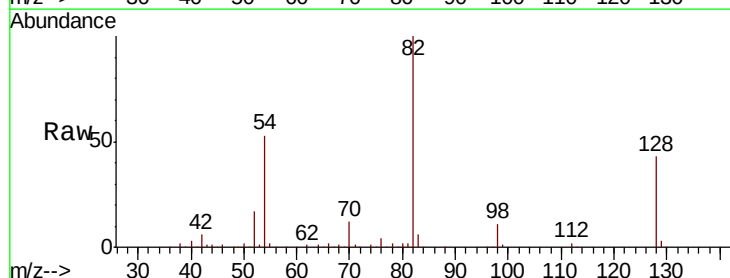
Ion Ratio Lower Upper

70 100

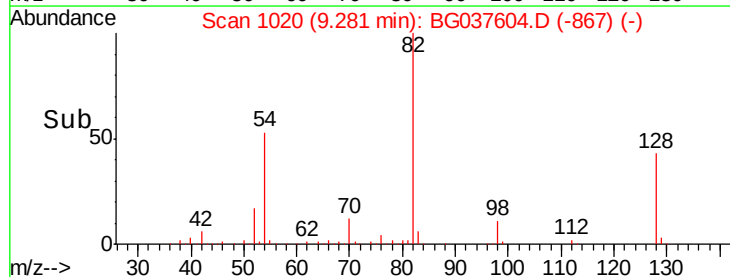
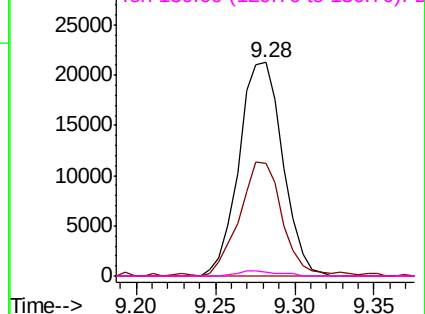
42 52.7 53.9 80.9#

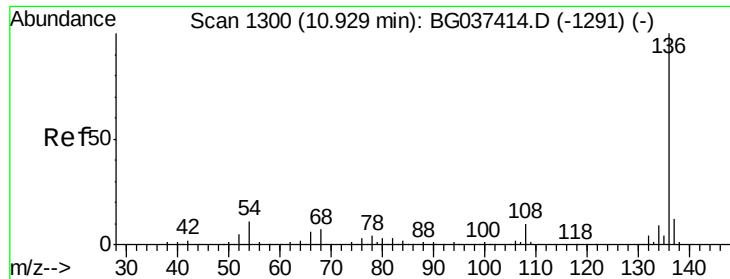
101 0.0 8.2 12.2#

130 1.9 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

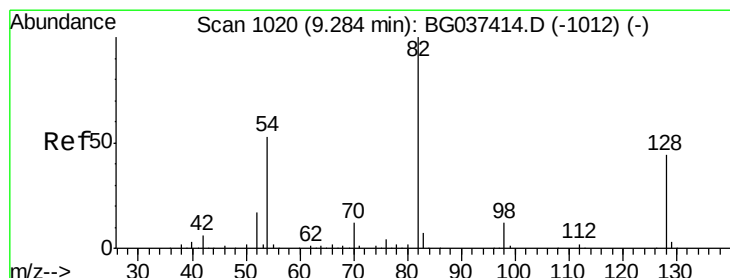
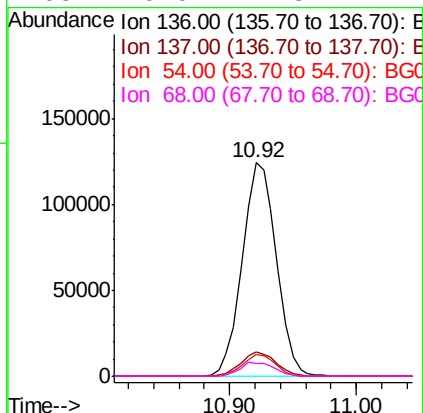
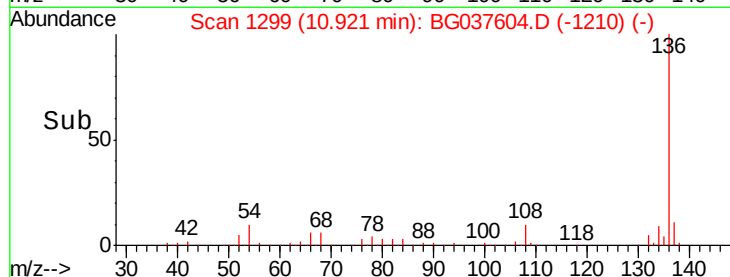
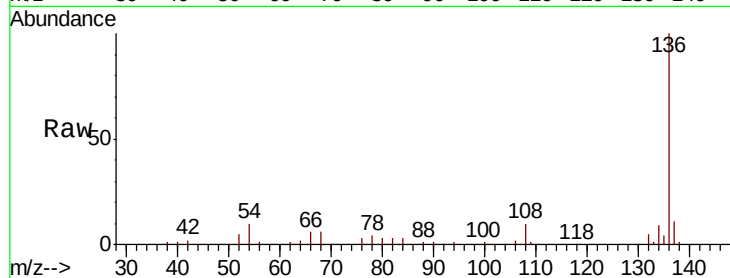




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

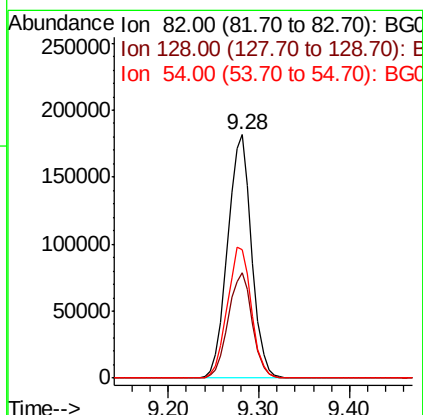
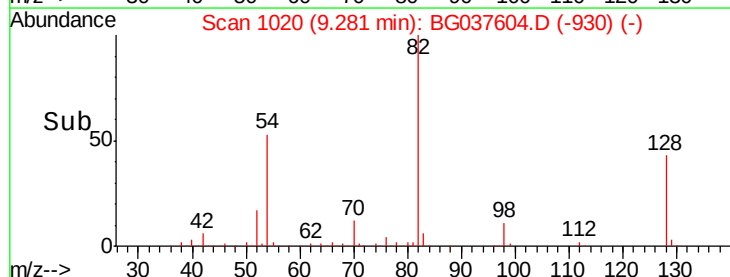
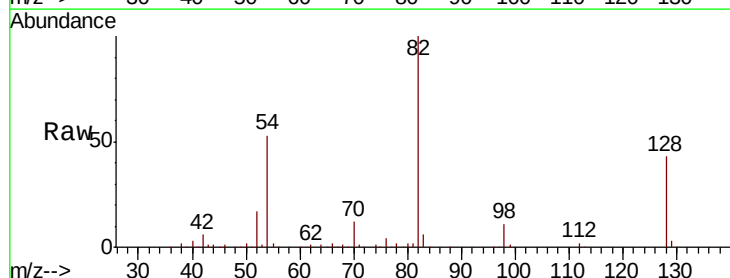
Instrument :
BNA_G
ClientSampleId :
TP-5

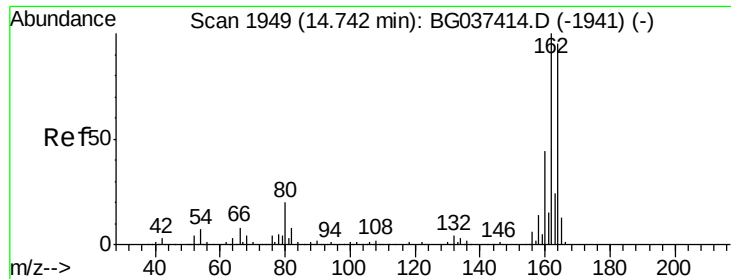
Tot Ion:136	Resp:	231547
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	10.4	7.9 11.9
68	6.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 80.685 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Tgt Ion: 82	Resp:	333499
Ion Ratio	Lower	Upper
82	100	
128	43.4	34.6 51.8
54	52.6	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: BG037604.D

Acq: 27 Oct 2018 6:15

Instrument :

BNA_G

ClientSampleId :

TP-5

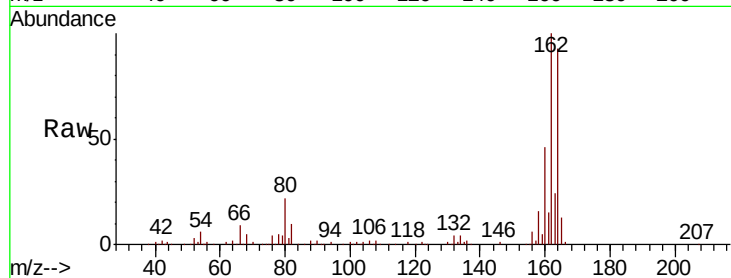
Tot Ion:164 Resp: 156487

Ion Ratio Lower Upper

164 100

162 107.7 81.3 121.9

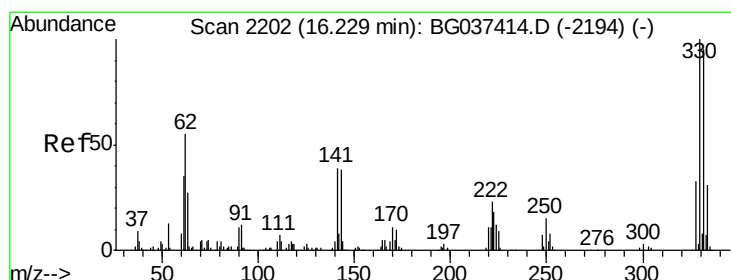
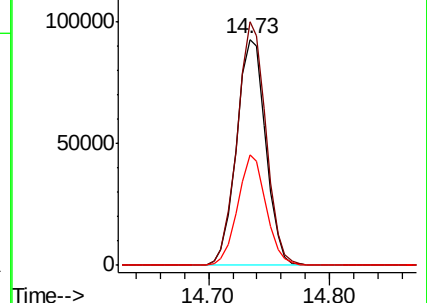
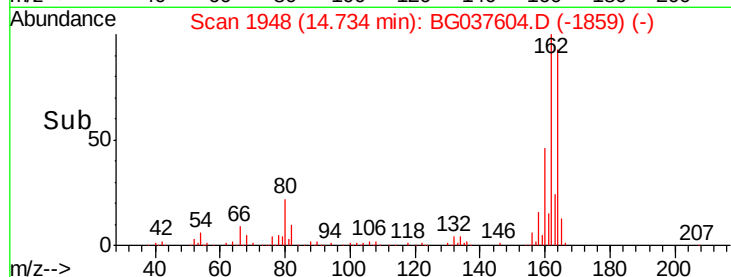
160 49.1 36.3 54.5



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: 93.100 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

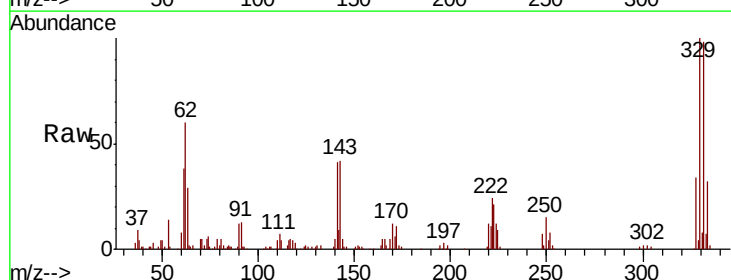
Tgt Ion:330 Resp: 158902

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

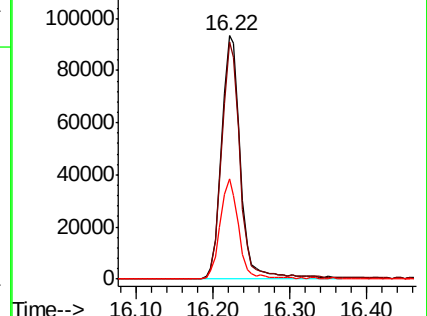
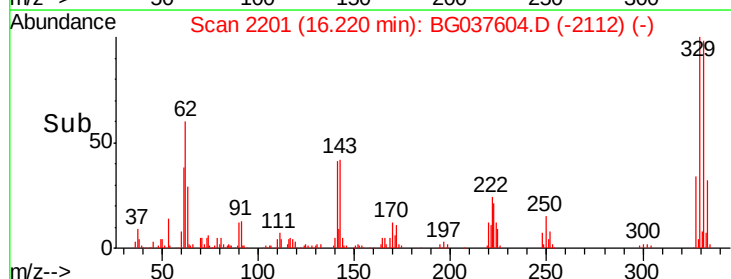
141 39.5 32.2 48.2

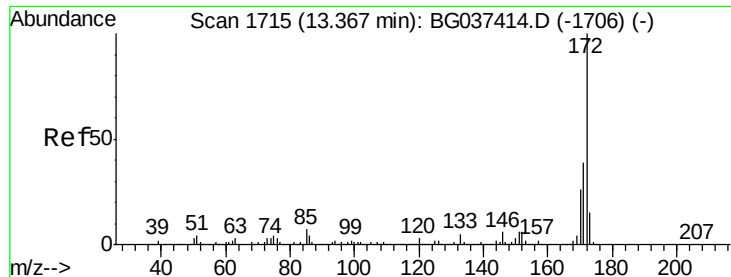


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

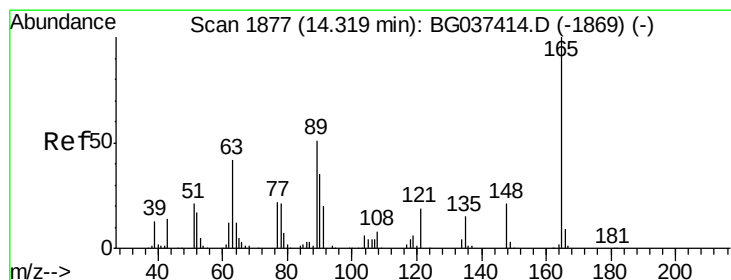
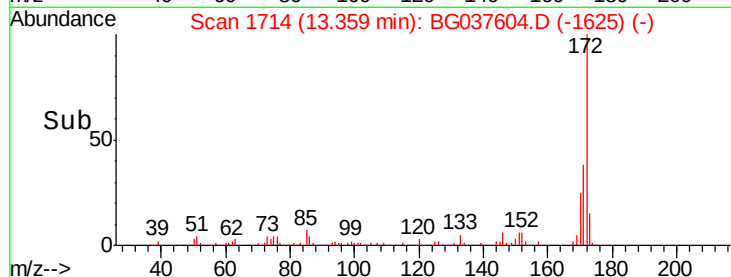
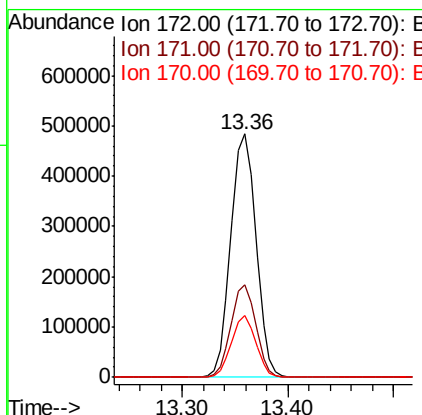
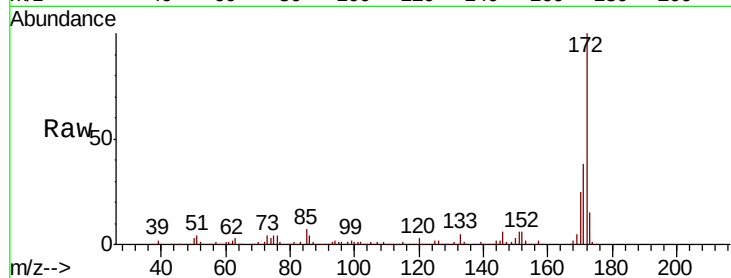




#45
 2-Fluorobiphenyl
 Concen: 77.414 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037604.D
 Acq: 27 Oct 2018 6:15

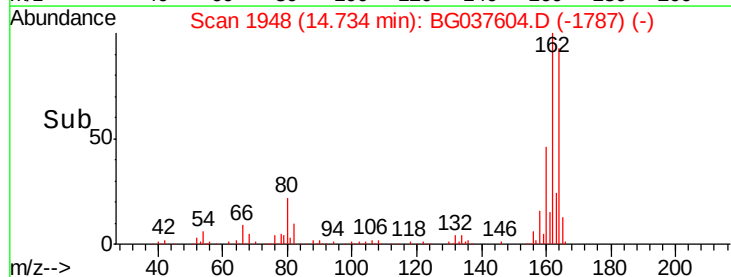
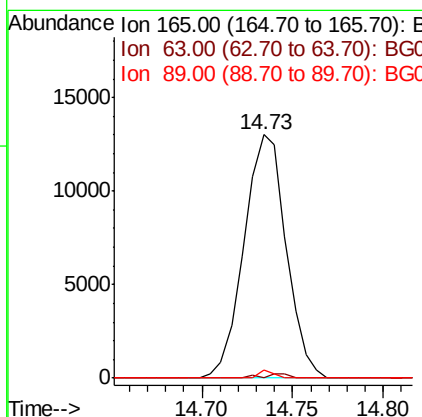
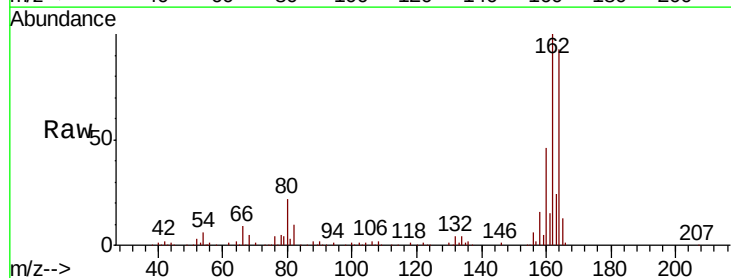
Instrument :
 BNA_G
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 TP-5

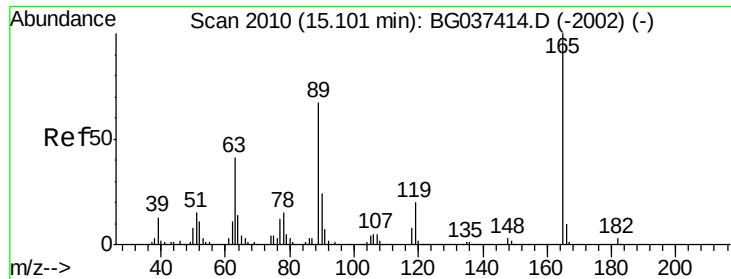
Tot Ion:	172	Resp:	803361
Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.3	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.825 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037604.D
 Acq: 27 Oct 2018 6:15

Tgt Ion:	165	Resp:	20956
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	3.3	45.8	68.6#

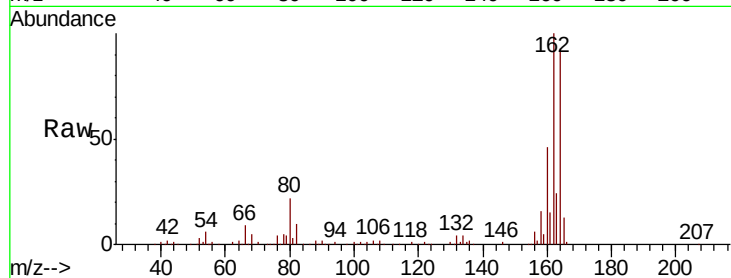




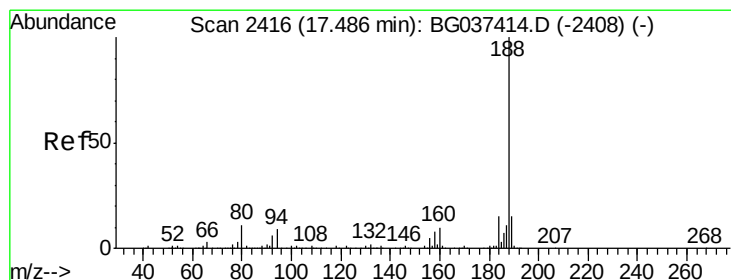
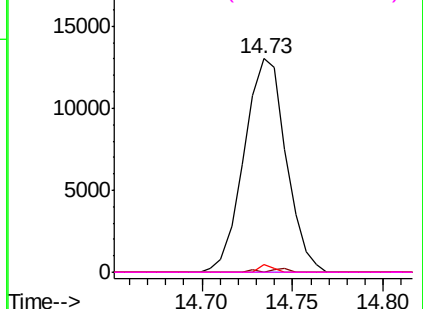
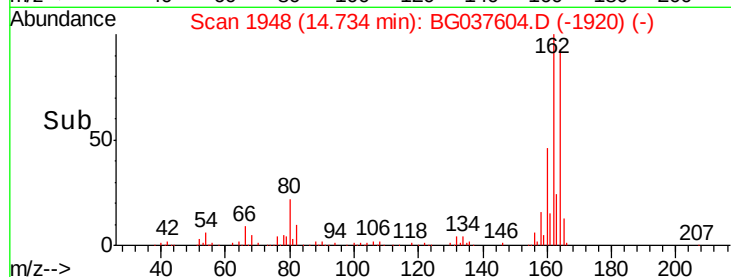
#57
 2,4-Dinitrotoluene
 Concen: 5.961 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037604.D
 Acq: 27 Oct 2018 6:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion:165	Resp:	20956
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	3.3	57.2 85.8#
182	0.0	2.6 4.0#

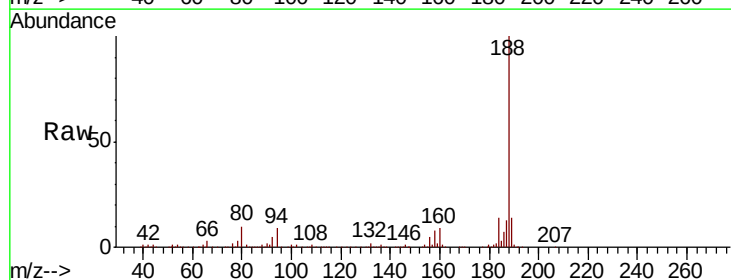


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

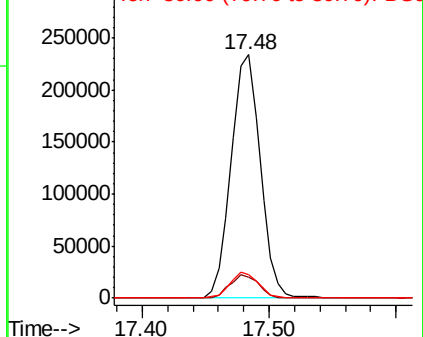
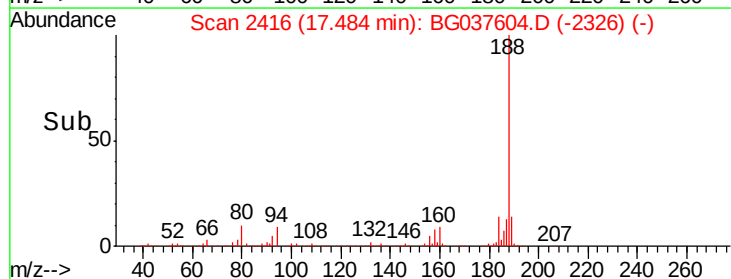


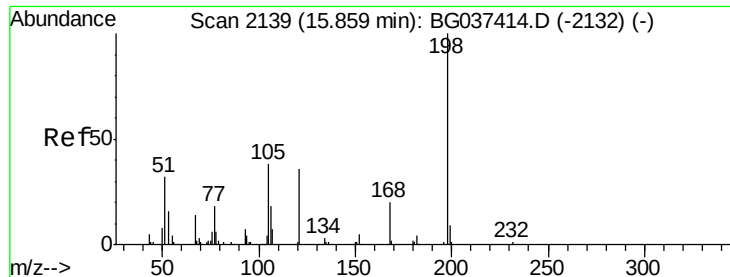
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037604.D
 Acq: 27 Oct 2018 6:15

Tgt Ion:188	Resp:	372607
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.2 10.8
80	9.7	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

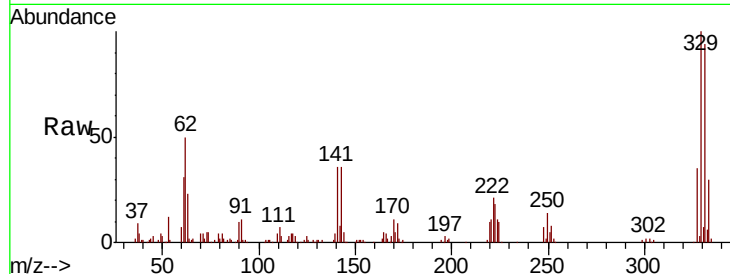




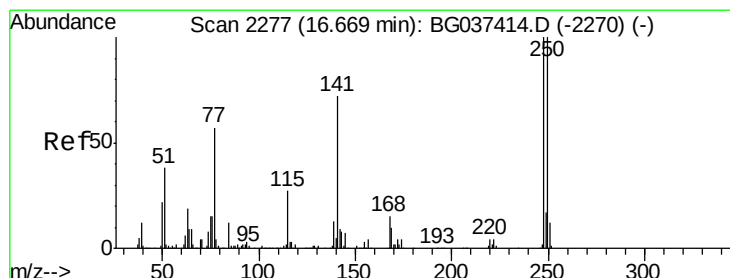
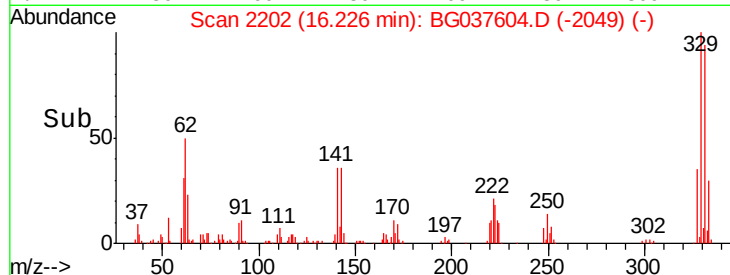
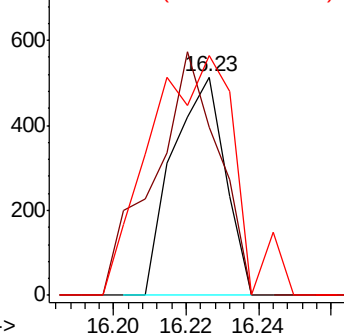
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.726 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037604.D
 Acq: 27 Oct 2018 6:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion:198 Resp: 520
 Ion Ratio Lower Upper
 198 100
 51 20.4 22.7 62.7#
 105 29.2 19.7 59.7

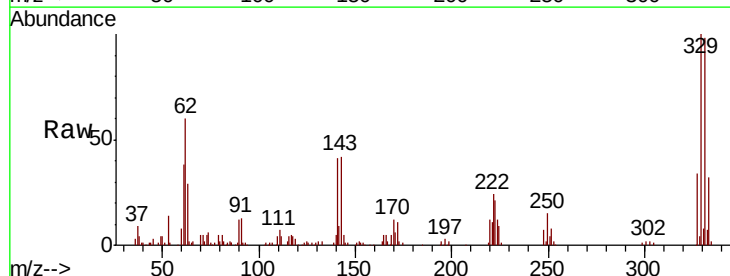


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

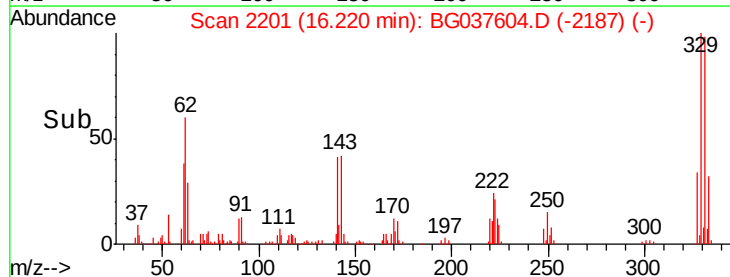
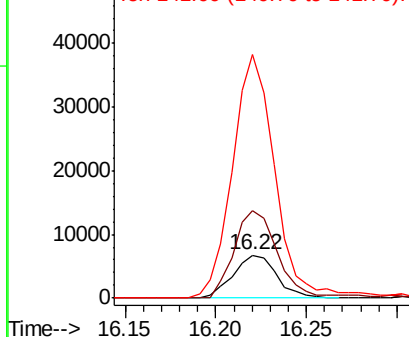


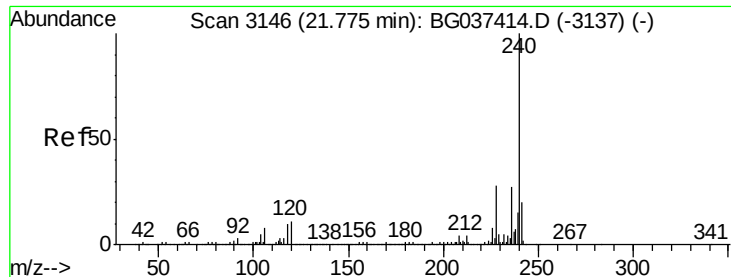
#67
 4-Bromophenyl-phenylether
 Concen: 2.750 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037604.D
 Acq: 27 Oct 2018 6:15

Tgt Ion:248 Resp: 11251
 Ion Ratio Lower Upper
 248 100
 250 203.2 77.0 115.6#
 141 440.4 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: BG037604.D

Acq: 27 Oct 2018 6:15

Instrument :

BNA_G

ClientSampleId :

TP-5

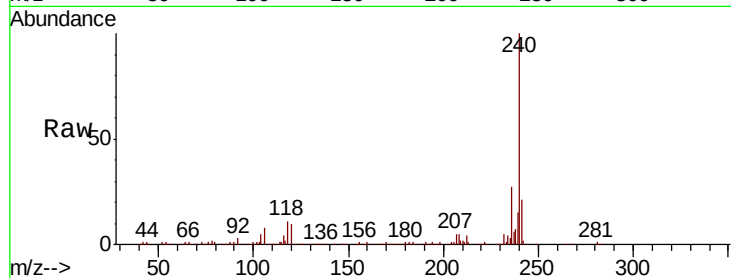
Tot Ion:240 Resp: 339991

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	27.2	21.4	32.0

240 100

120 10.3 8.1 12.1

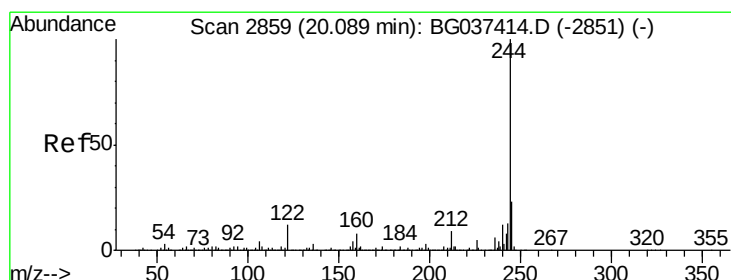
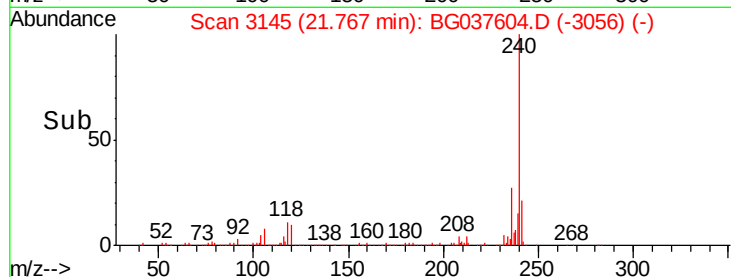
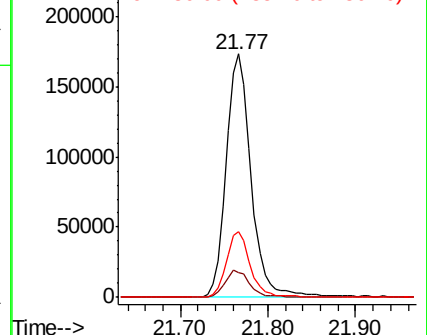
236 27.2 21.4 32.0



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: 78.250 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037604.D

Acq: 27 Oct 2018 6:15

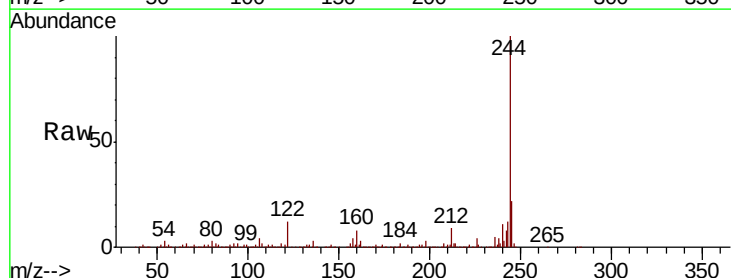
Tgt Ion:244 Resp: 1245076

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.6	9.0	13.4

244 100

212 8.6 6.5 9.7

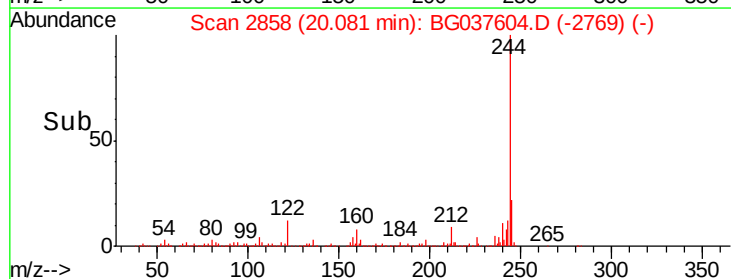
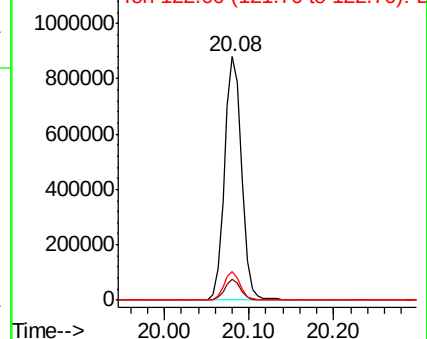
122 11.6 9.0 13.4

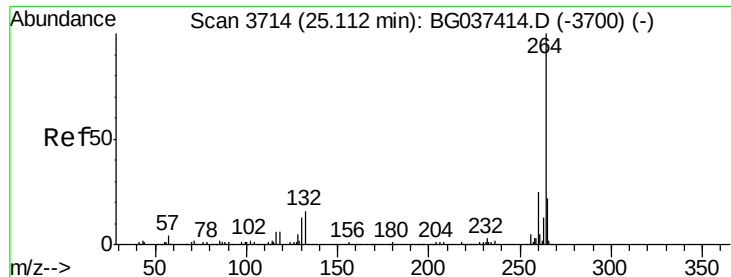


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037604.D
Acq: 27 Oct 2018 6:15

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	20.8	17.9	26.9

