

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037547.D
 Acq On : 25 Oct 2018 16:20
 Operator : JU/SJ
 Sample : PB114142BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BL

Quant Time: Oct 26 08:04:39 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

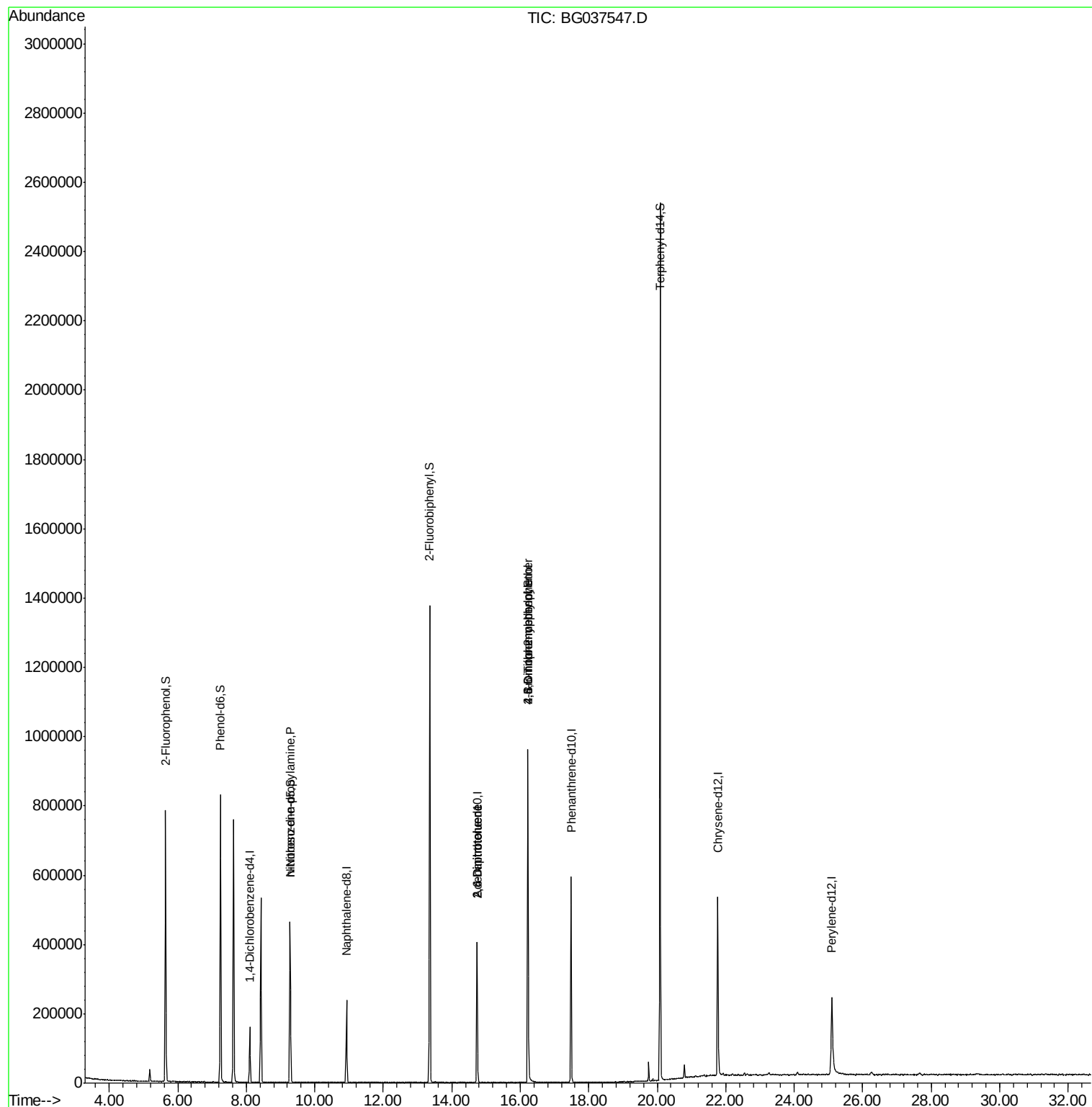
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48003	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	213229	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	148642	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	365241	20.00	ng	0.00
76) Chrysene-d12	21.77	240	337826	20.00	ng	0.00
87) Perylene-d12	25.10	264	303093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	358618	124.90	ng	0.00
7) Phenol-d6	7.25	99	517601	119.22	ng	0.00
23) Nitrobenzene-d5	9.28	82	295991	77.76	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	180258	111.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	745724	75.65	ng	0.00
79) Terphenyl-d14	20.08	244	1197015	75.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	36460	12.195	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	19707	7.747	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	19707	5.902	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.23	198	407	8.682	ng	90
67) 4-Bromophenyl-phenylether	16.22	248	12596	3.140	ng	# 1

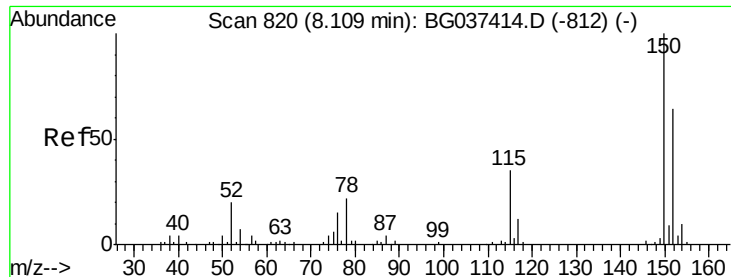
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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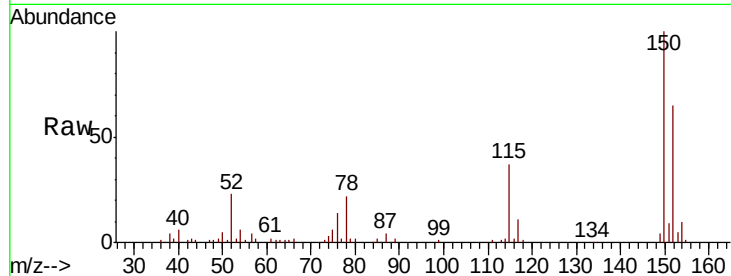


#1

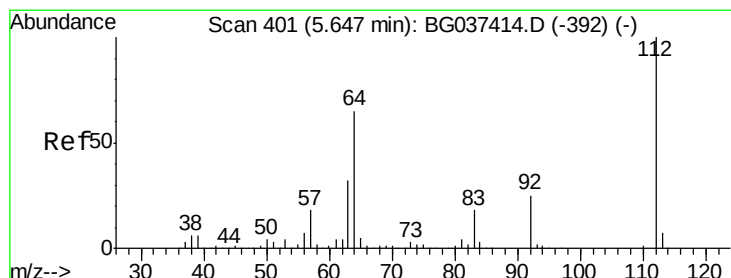
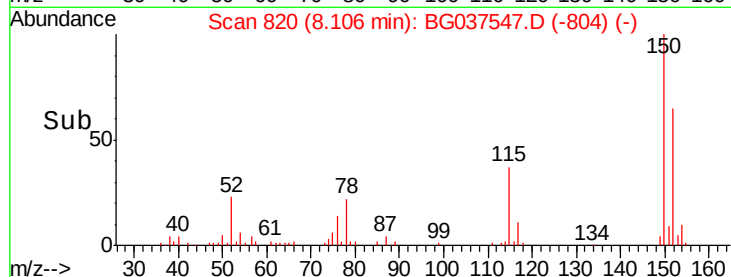
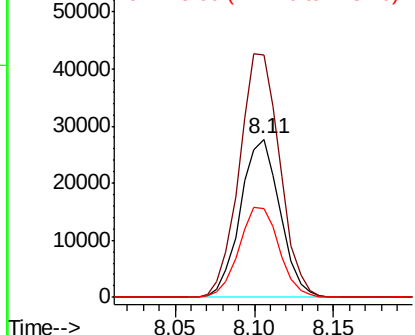
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

Instrument :
BNA_G
ClientSampleId :
PB114142BL

Tot Ion:152 Resp: 48003
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 56.2 45.5 68.3



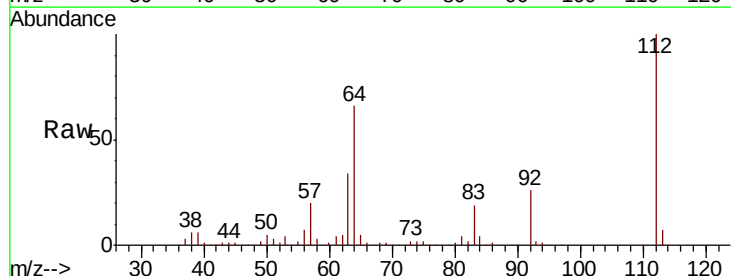
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



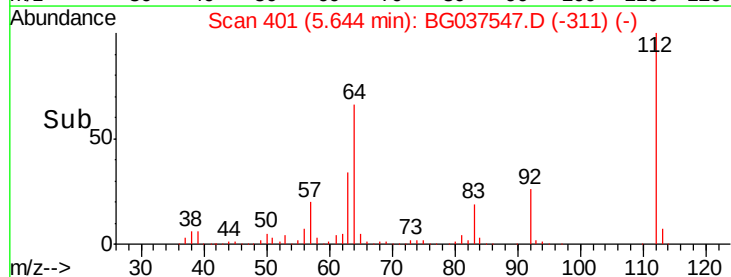
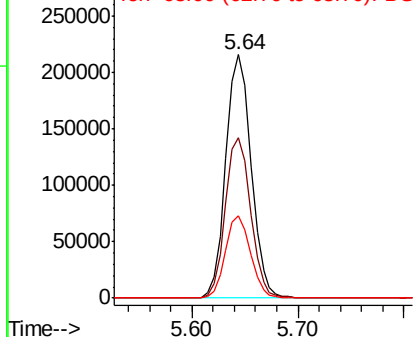
#5

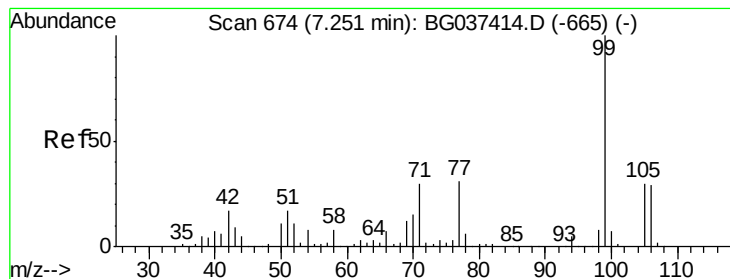
2-Fluorophenol
Concen: 124.900 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

Tgt Ion:112 Resp: 358618
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 34.0 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: 119.217 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

Instrument :

BNA_G

ClientSampleId :

PB114142BL

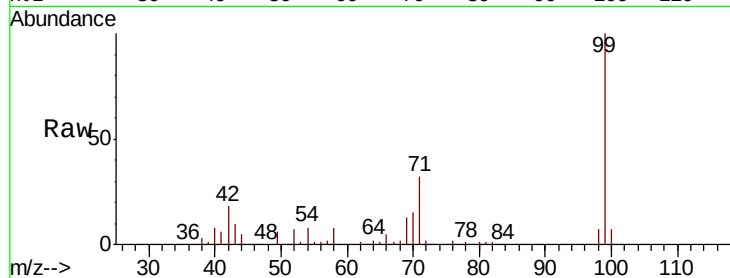
Tot Ion: 99 Resp: 517601

Ion Ratio Lower Upper

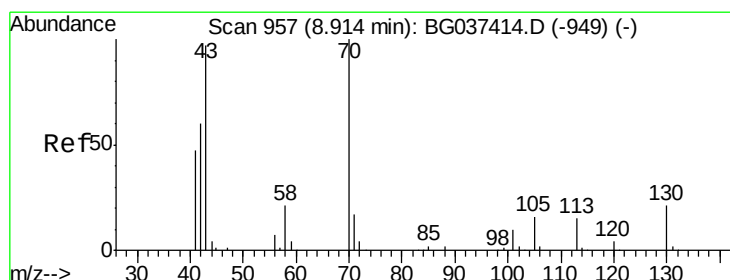
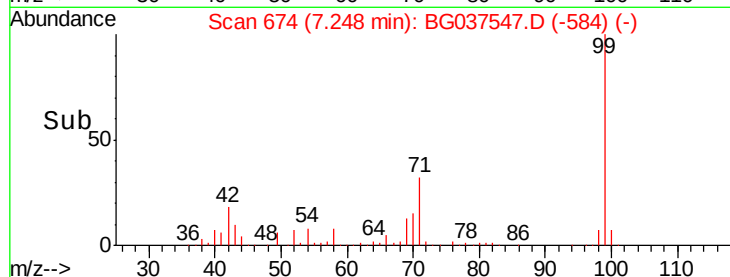
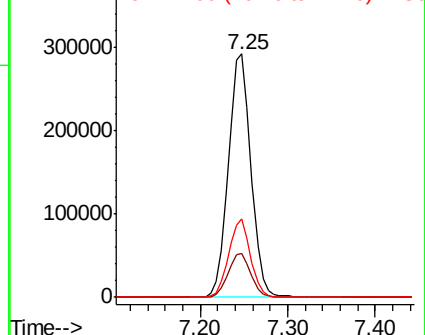
99 100

42 18.2 15.0 22.4

71 32.1 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: 12.195 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

Tgt Ion: 70 Resp: 36460

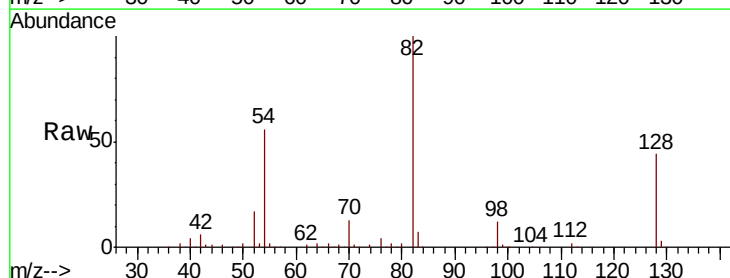
Ion Ratio Lower Upper

70 100

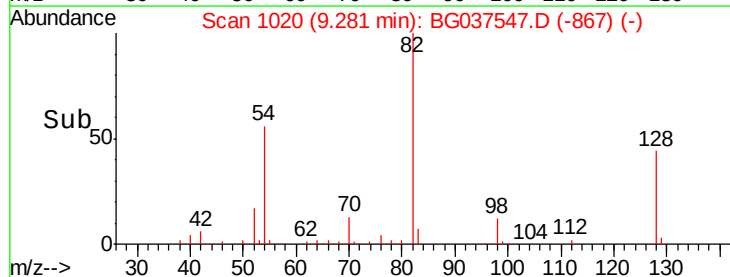
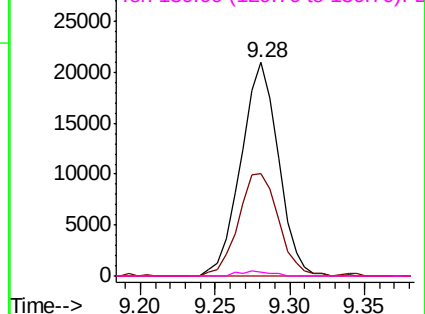
42 47.7 53.9 80.9#

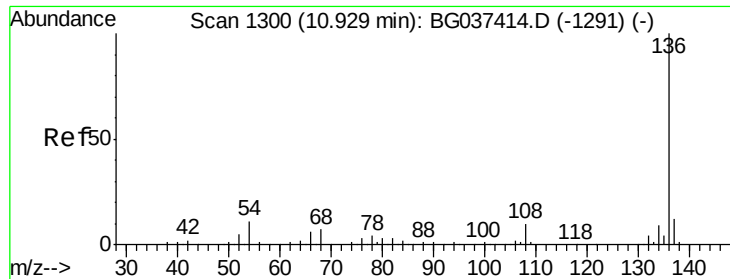
101 0.0 8.2 12.2#

130 1.8 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

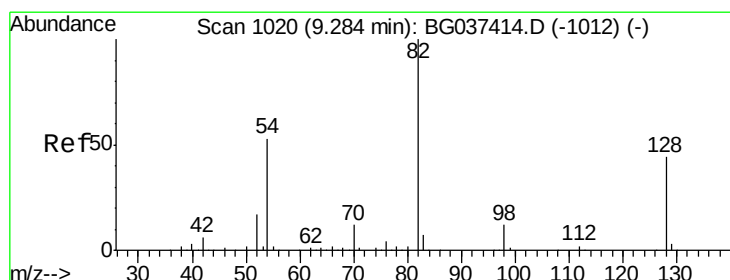
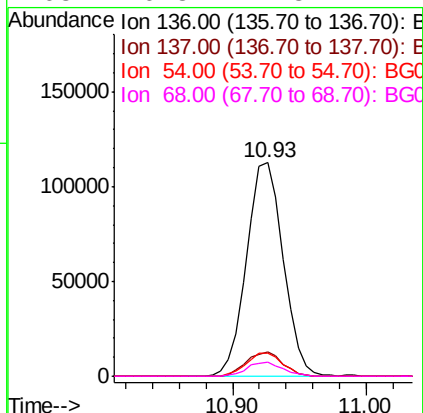
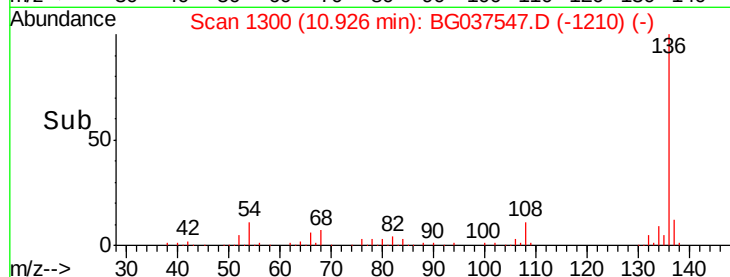
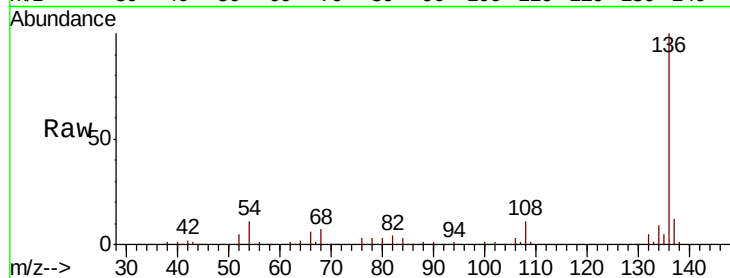




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

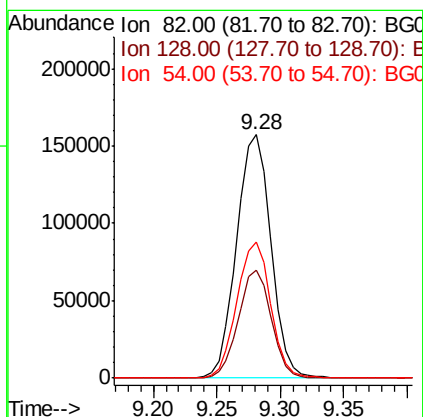
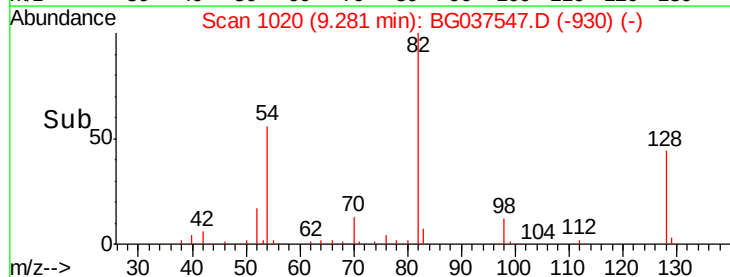
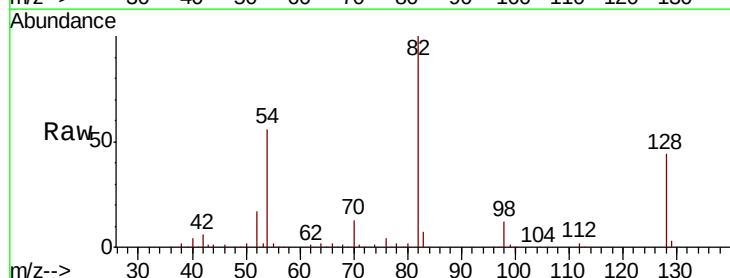
Instrument :
BNA_G
ClientSampleId :
PB114142BL

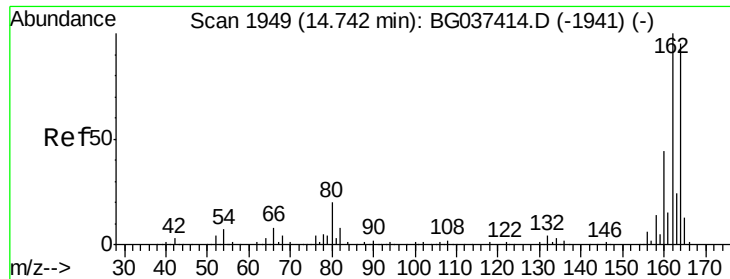
Tot Ion:136	Resp:	213229
Ion Ratio	Lower	Upper
136 100		
137 11.6	9.6	14.4
54 10.7	7.9	11.9
68 6.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 77.762 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

Tgt Ion: 82	Resp: 295991
Ion Ratio	Lower Upper
82 100	
128 44.4	34.6 51.8
54 56.1	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

Instrument :

BNA_G

ClientSampleId :

PB114142BL

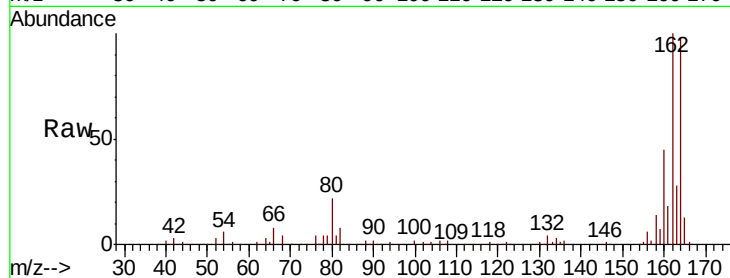
Tot Ion:164 Resp: 148642

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

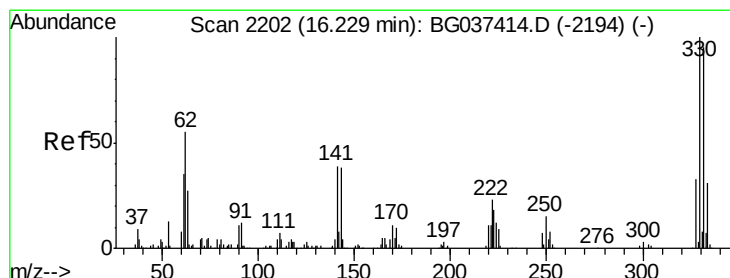
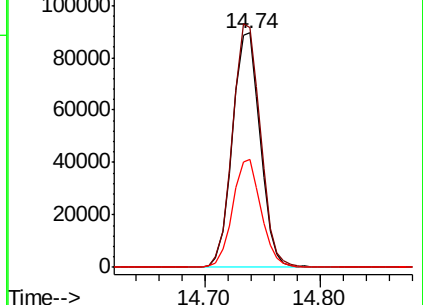
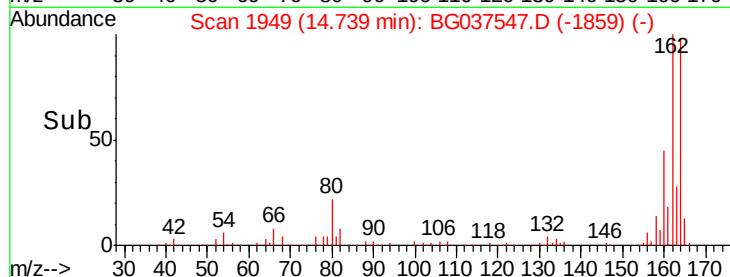
160 46.2 36.3 54.5



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: 111.186 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037547.D

Acq: 25 Oct 2018 16:20

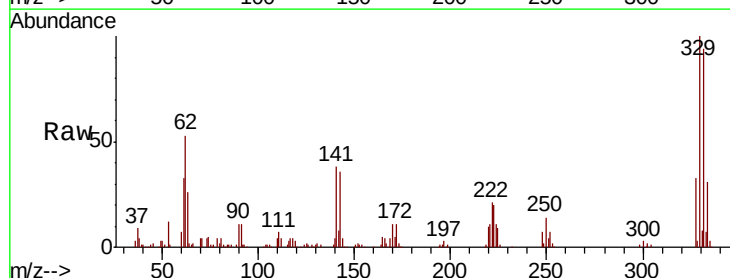
Tgt Ion:330 Resp: 180258

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

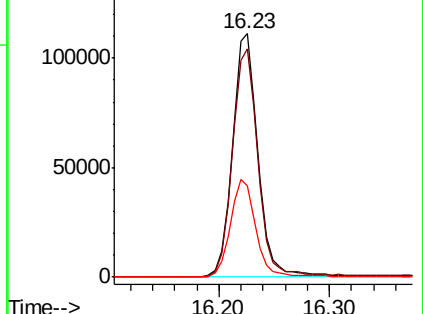
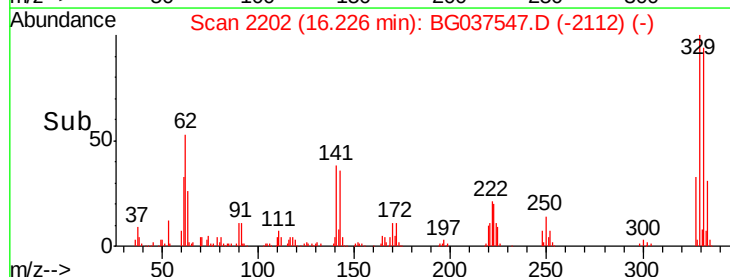
141 40.9 32.2 48.2

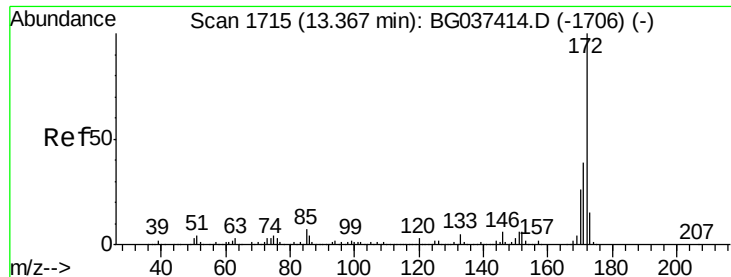


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

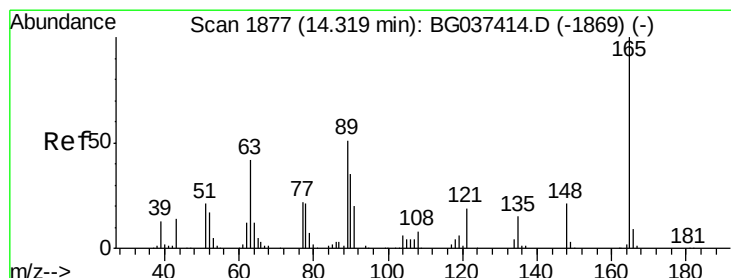
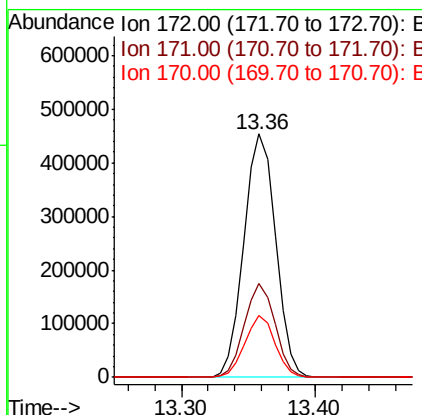
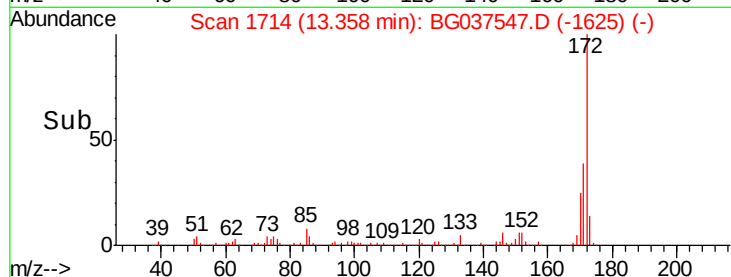
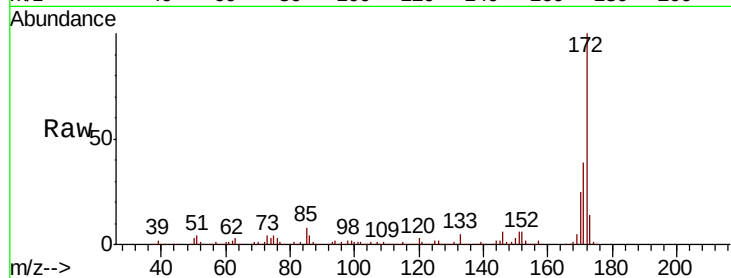




#45
2-Fluorobiphenyl
Concen: 75.652 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

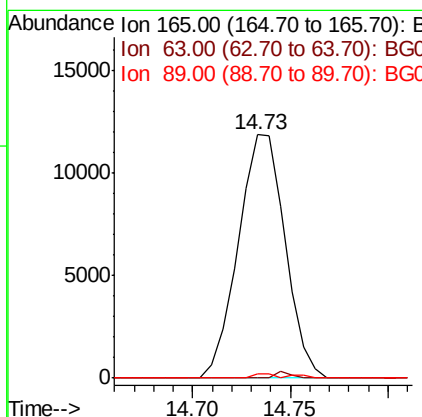
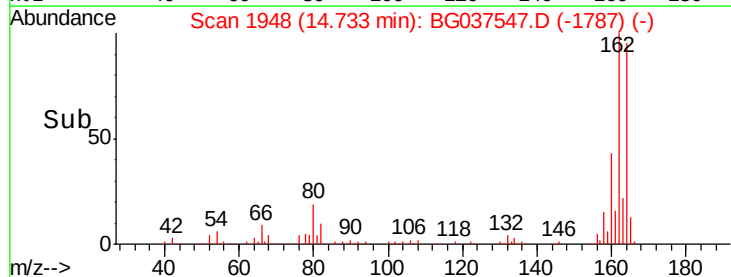
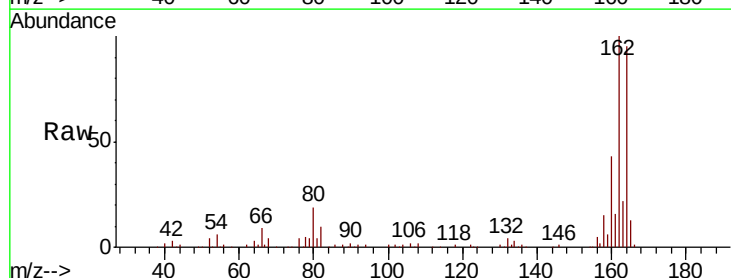
Instrument :
BNA_G
ClientSampleId :
PB114142BL

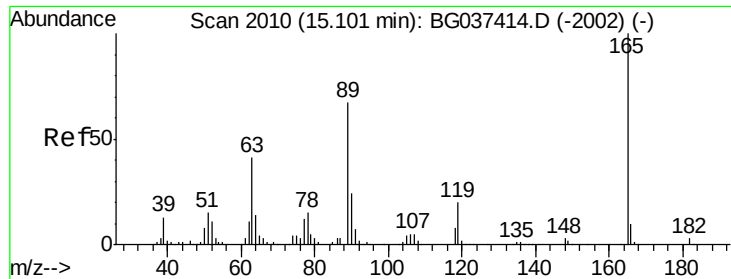
Tot Ion:172 Resp: 745724
Ion Ratio Lower Upper
172 100
171 38.7 31.0 46.4
170 25.2 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.747 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

Tgt Ion:165 Resp: 19707
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.5 45.8 68.6#

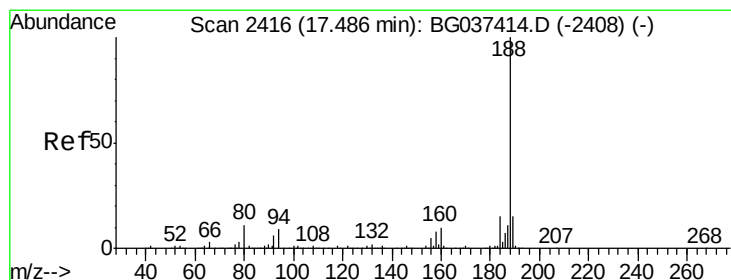
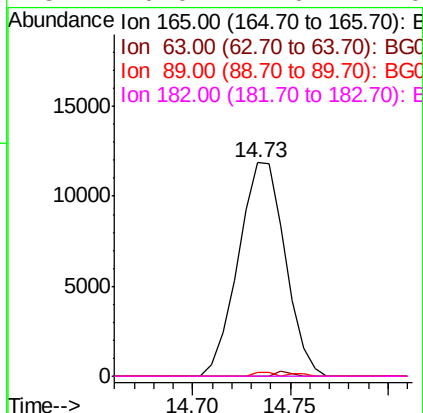
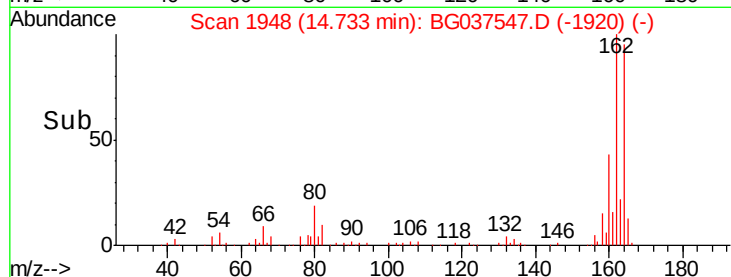
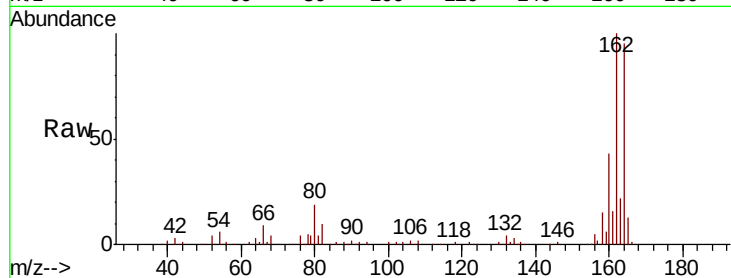




#57
2,4-Dinitrotoluene
Concen: 5.902 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

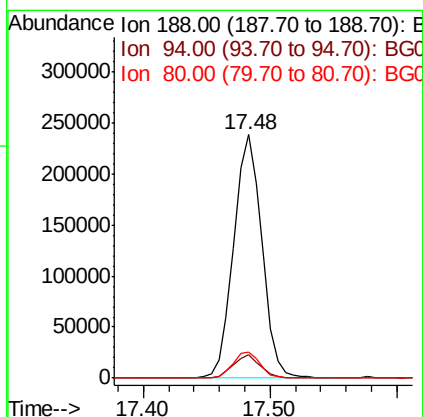
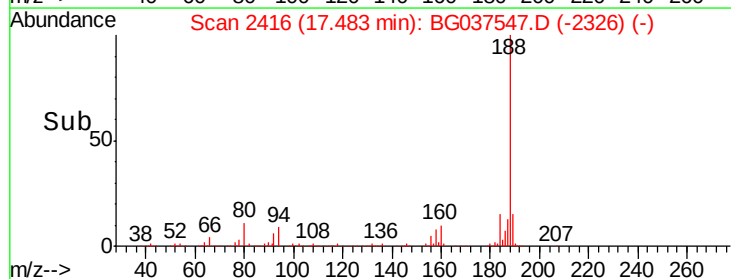
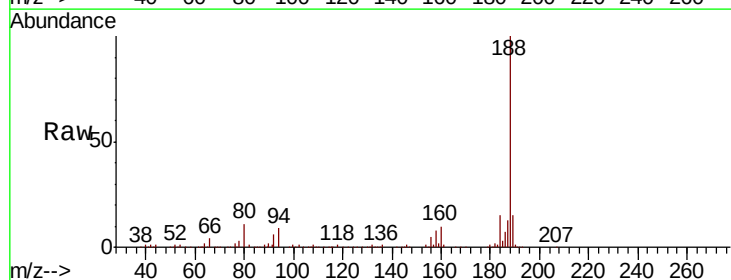
Instrument :
BNA_G
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PB114142BL

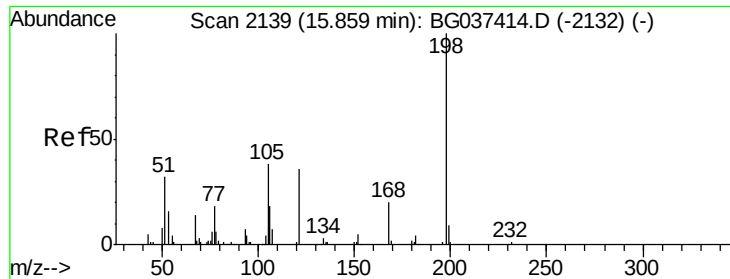
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037547.D
Acq: 25 Oct 2018 16:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.8	7.7	11.5

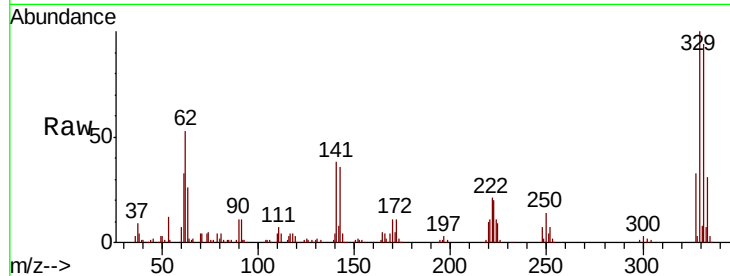




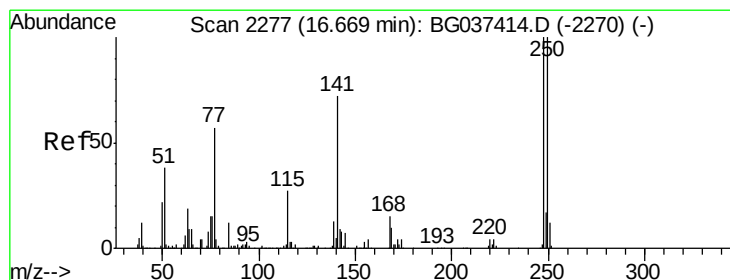
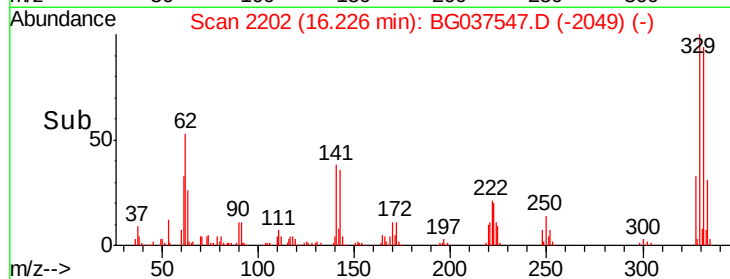
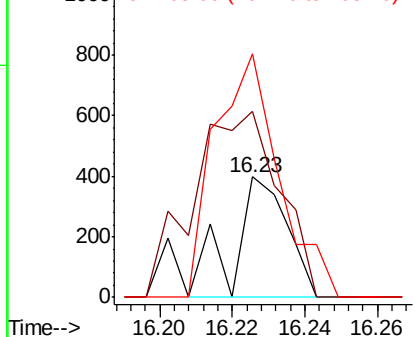
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.682 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037547.D
 Acq: 25 Oct 2018 16:20

Instrument :
 BNA_G
 ClientSampleID :
 PB114142BL

Tot Ion:198 Resp: 407
 Ion Ratio Lower Upper
 198 100
 51 31.2 22.7 62.7
 105 40.9 19.7 59.7

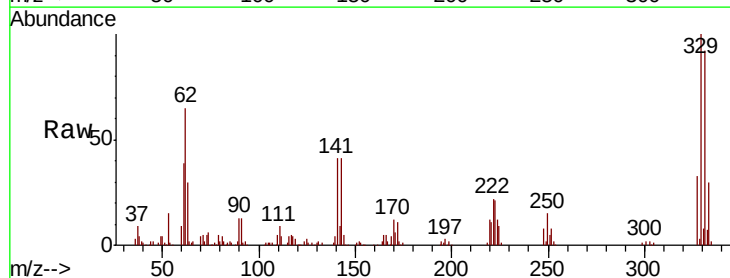


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

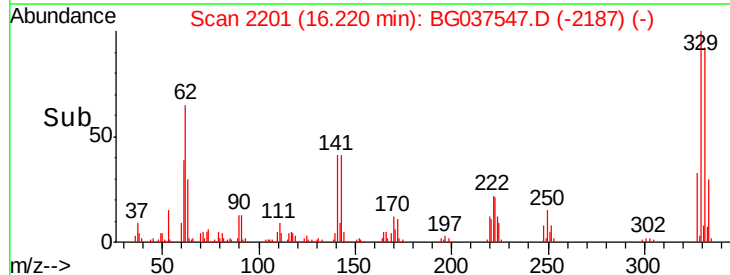
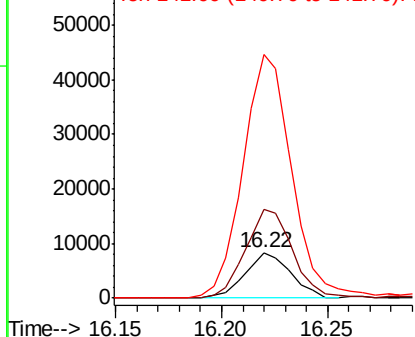


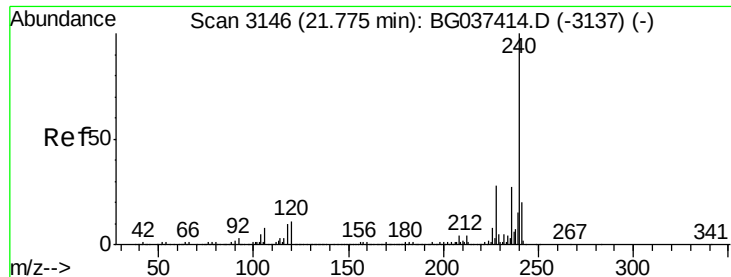
#67
 4-Bromophenyl-phenylether
 Concen: 3.140 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037547.D
 Acq: 25 Oct 2018 16:20

Tgt Ion:248 Resp: 12596
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.0 115.6#
 141 411.8 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

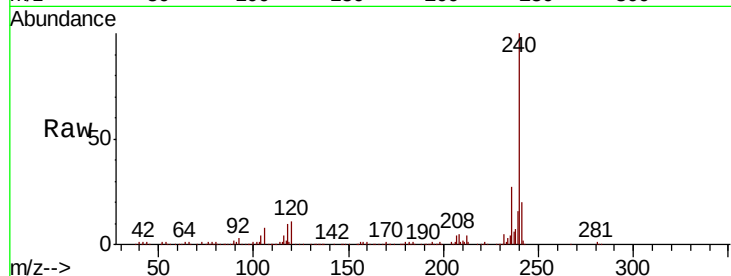




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037547.D
 Acq: 25 Oct 2018 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB114142BL

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.2	21.4	32.0

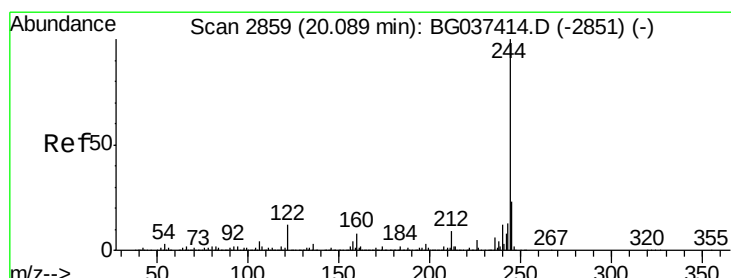
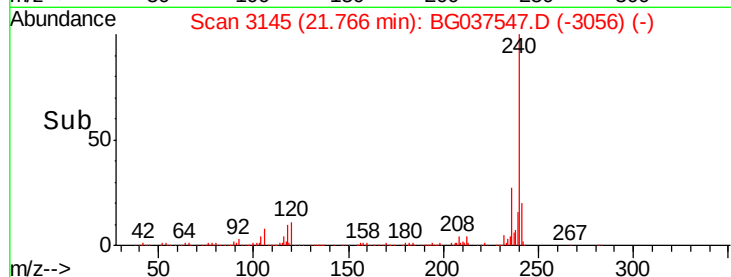
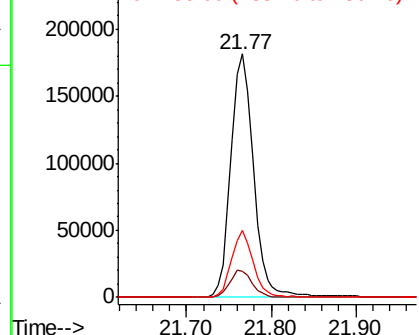


Abundance

Ion 240.00 (239.70 to 240.70): E

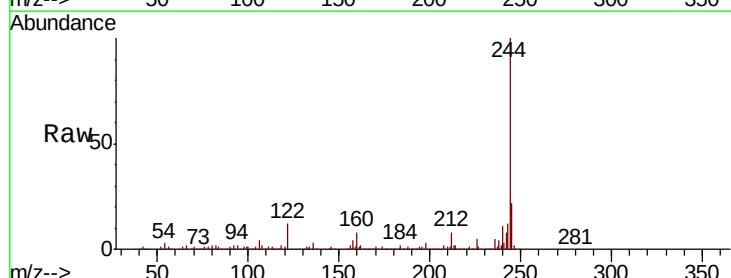
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 75.712 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037547.D
 Acq: 25 Oct 2018 16:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.7	9.0	13.4

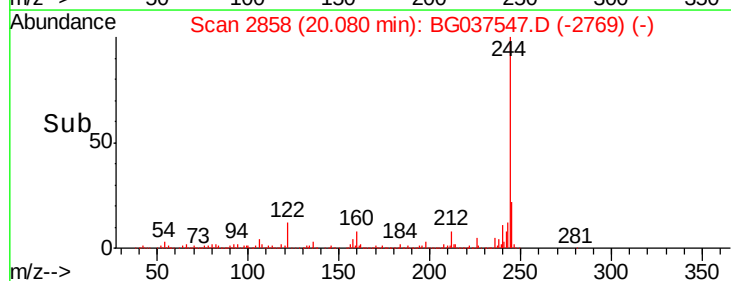
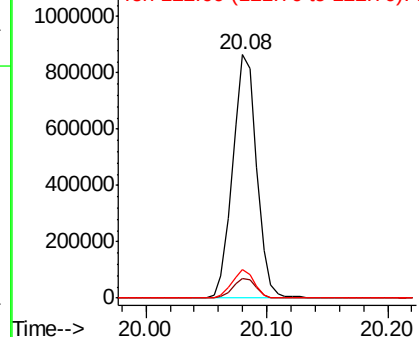


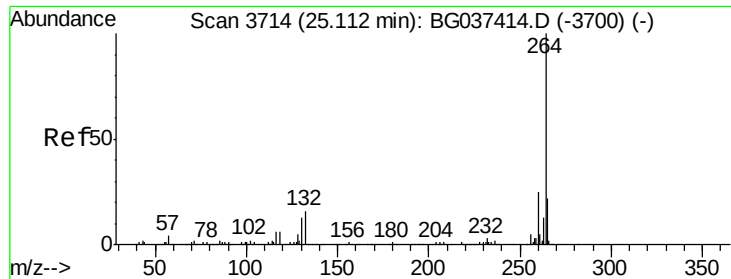
Abundance

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: BG037547.D
Acq: 25 Oct 2018 16:20

Instrument :
BNA_G
ClientSampleId :
PB114142BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.7	17.9	26.9

