

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037507.D
 Acq On : 24 Oct 2018 12:14
 Operator : JU/SJ
 Sample : J5623-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 13:40:02 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

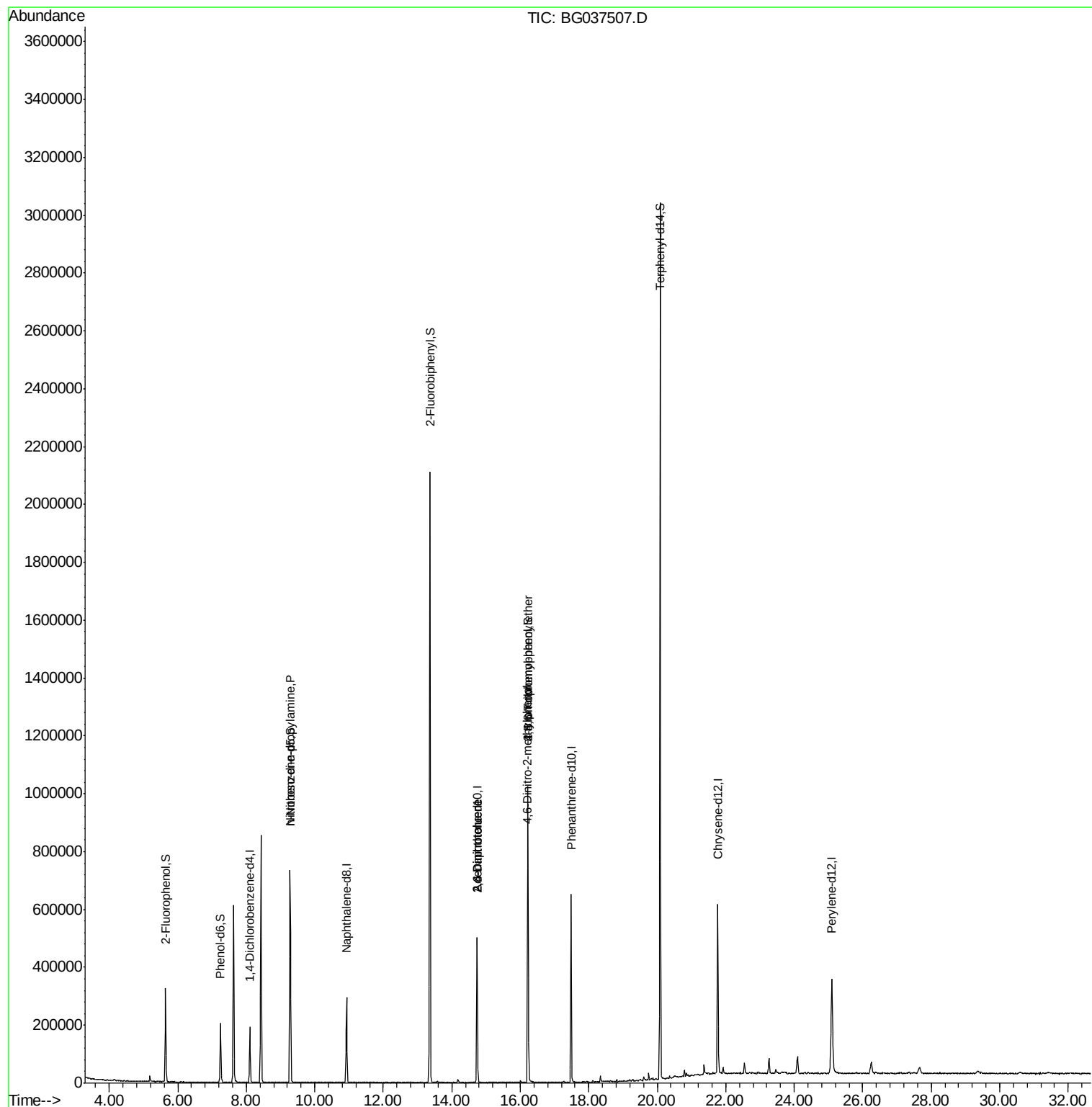
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56147	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262080	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	179353	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	419085	20.00	ng	0.00
76) Chrysene-d12	21.77	240	374049	20.00	ng	0.00
87) Perylene-d12	25.10	264	369662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	149891	44.63	ng	0.00
7) Phenol-d6	7.24	99	134243	26.43	ng	0.00
23) Nitrobenzene-d5	9.28	82	468443	100.13	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	191978	98.14	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1151477	96.81	ng	0.00
79) Terphenyl-d14	20.09	244	1429426	81.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	60472	17.293	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	23086	7.521	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	23086	5.730	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	637	8.746	ng	82
67) 4-Bromophenyl-phenylether	16.23	248	13968	3.035	ng	# 1

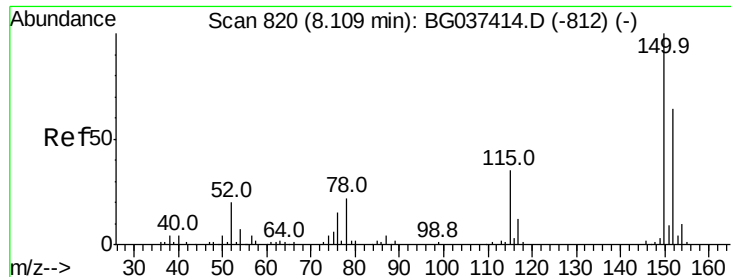
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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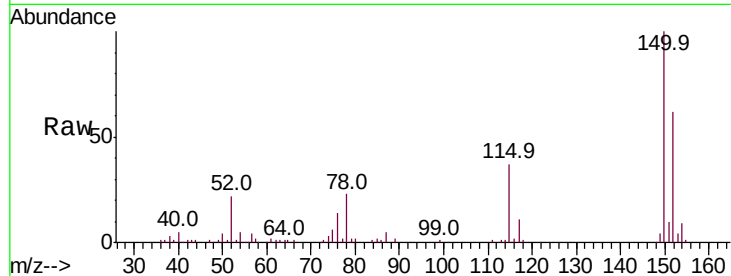


#1

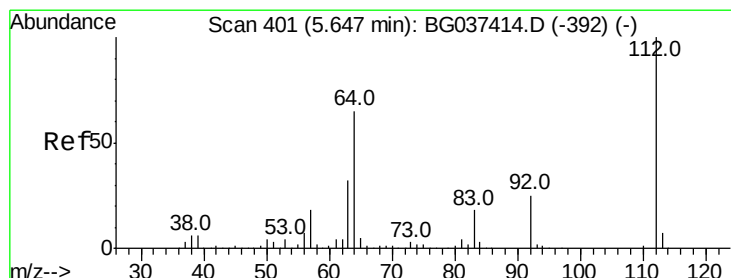
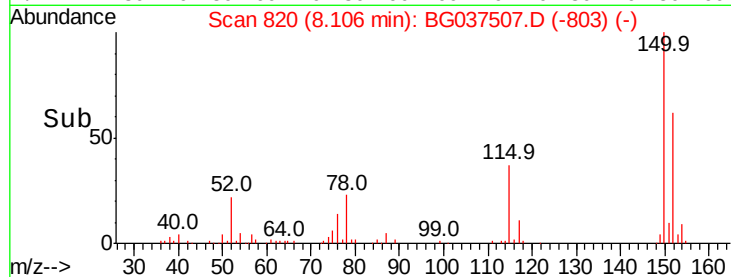
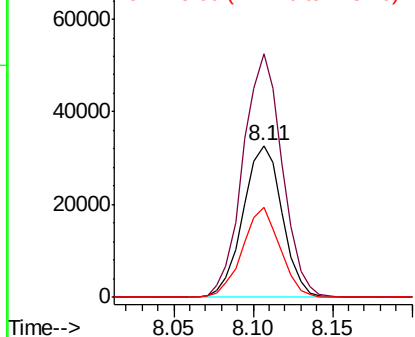
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56147
Ion Ratio Lower Upper
152 100
150 160.7 126.0 189.0
115 59.6 45.5 68.3



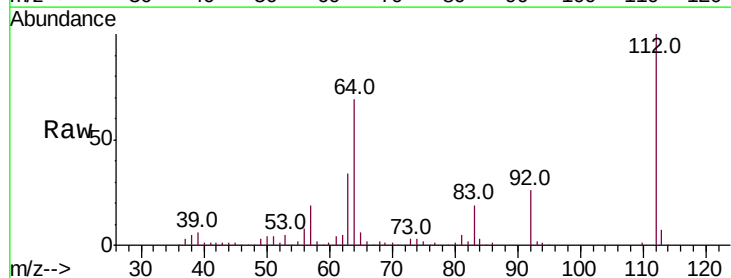
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



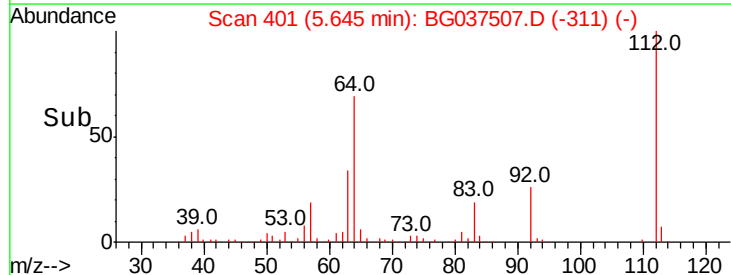
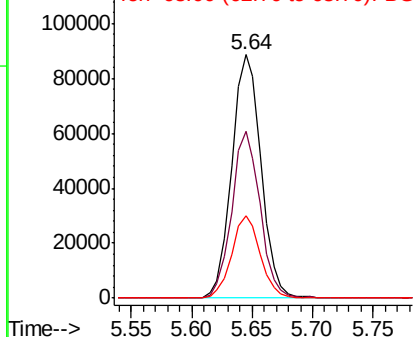
#5

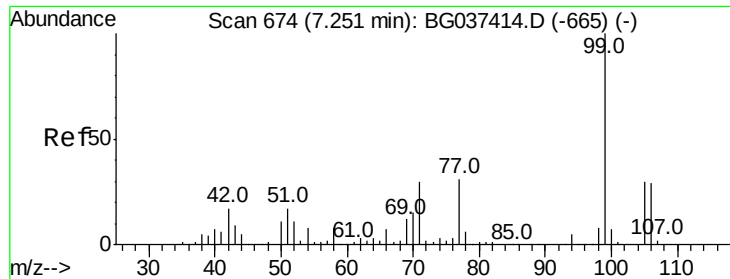
2-Fluorophenol
Concen: 44.632 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Tgt Ion:112 Resp: 149891
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 33.9 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: 26.435 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

Instrument :

BNA_G

ClientSampled :

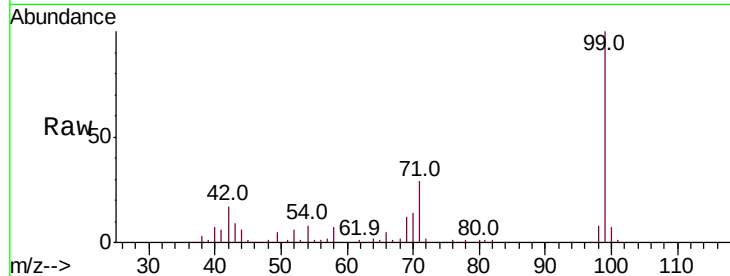
Tot Ion: 99 Resp: 134243

Ion Ratio Lower Upper

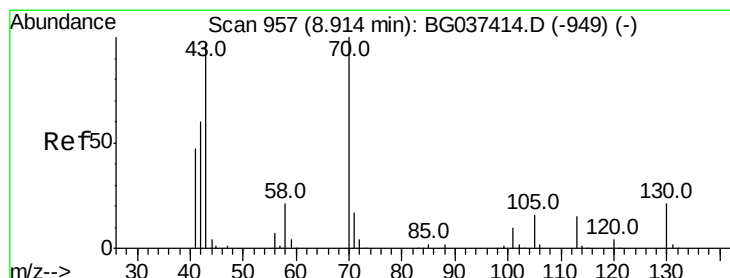
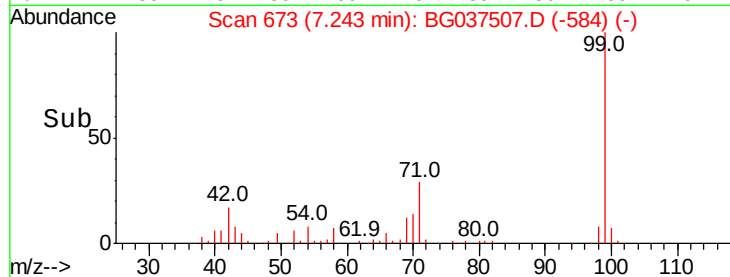
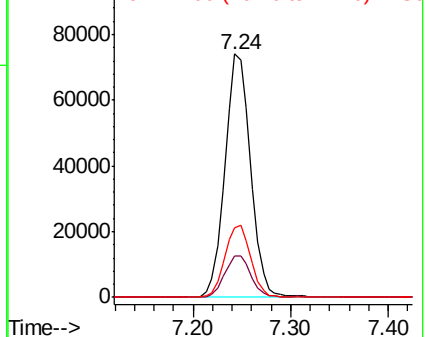
99 100

42 17.1 15.0 22.4

71 28.6 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: 17.293 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

Tgt Ion: 70 Resp: 60472

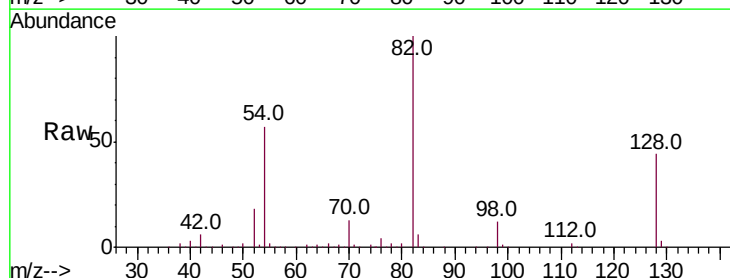
Ion Ratio Lower Upper

70 100

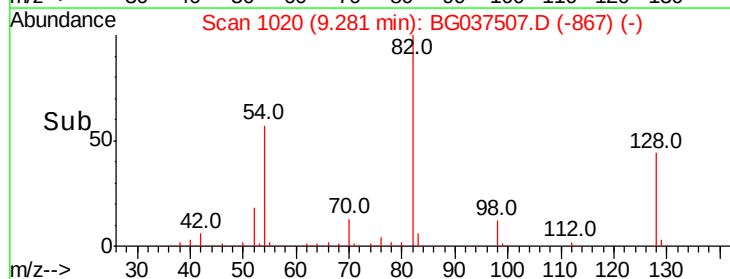
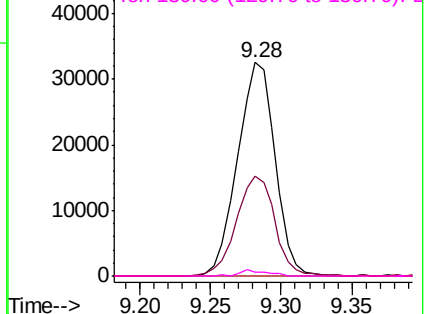
42 46.7 53.9 80.9#

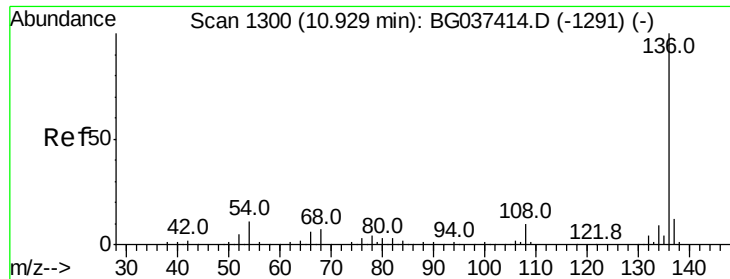
101 0.0 8.2 12.2#

130 2.1 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

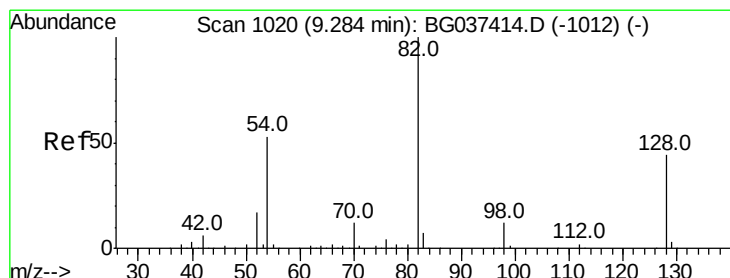
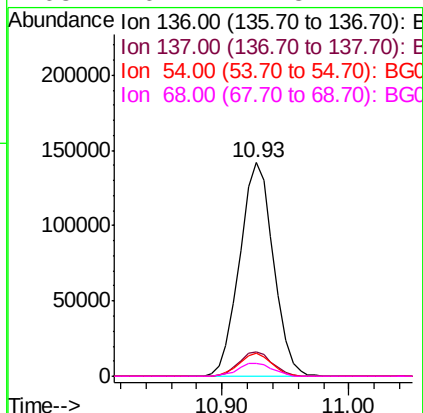
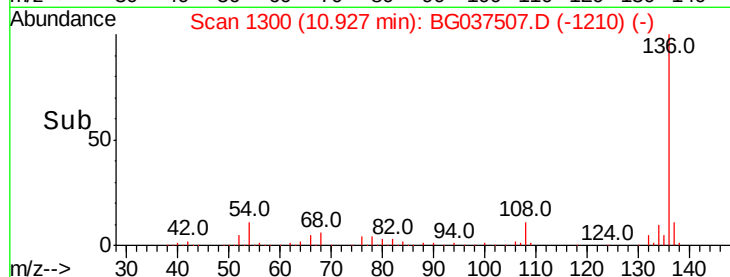
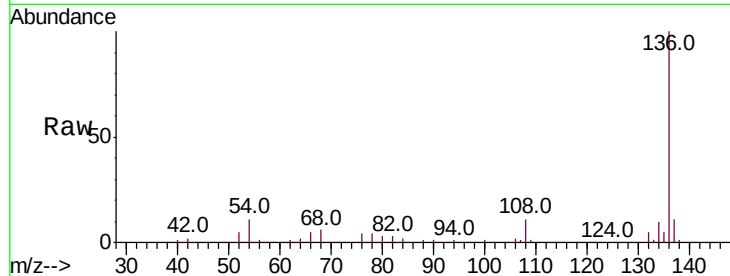




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

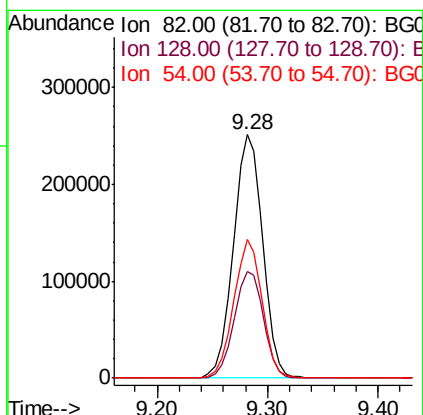
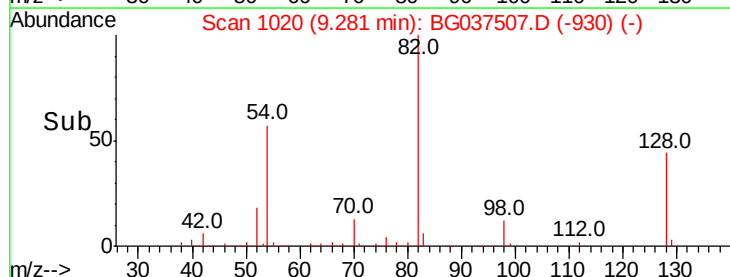
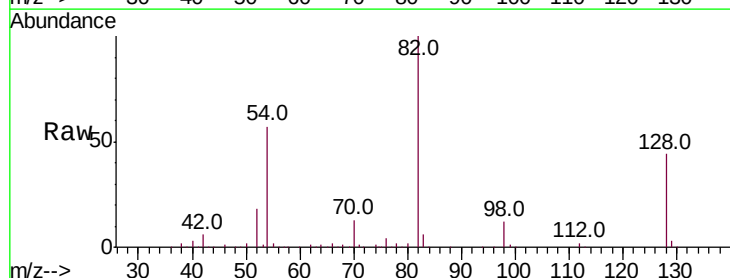
Instrument :
BNA_G
ClientSampleId :

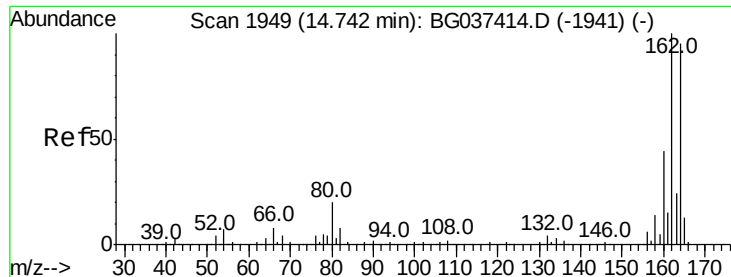
Tot Ion:	136	Resp:	262080
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.8	7.9	11.9
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 100.129 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Tgt Ion:	82	Resp:	468443
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	56.8	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: BG037507.D

Acq: 24 Oct 2018 12:14

Instrument :

BNA_G

ClientSampleId :

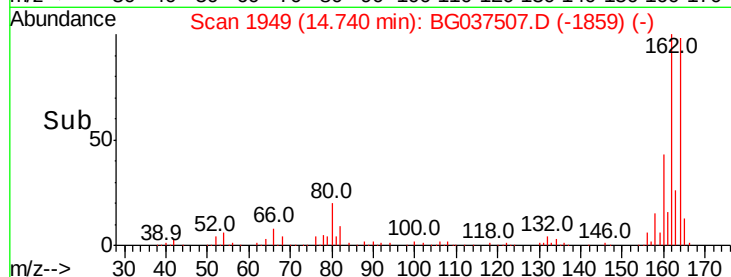
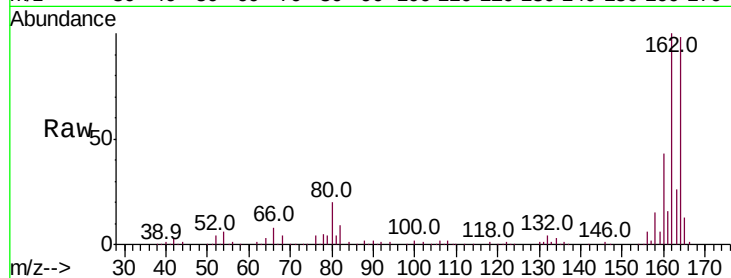
Tot Ion:164 Resp: 179353

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

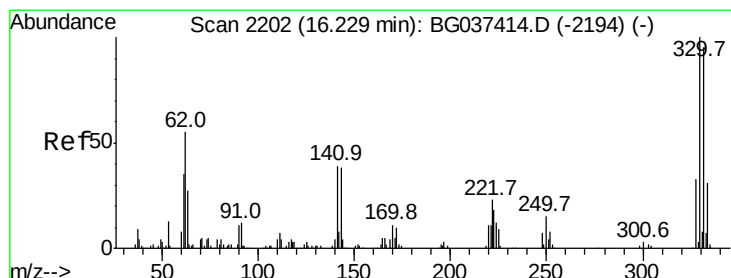
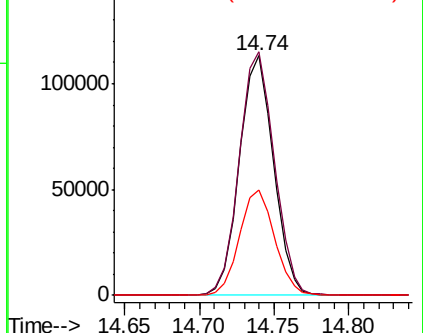
160 44.0 36.3 54.5



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: 98.139 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

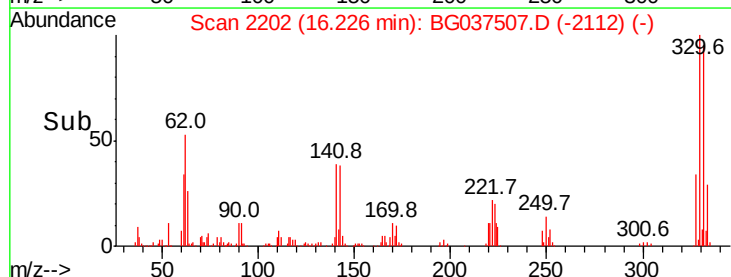
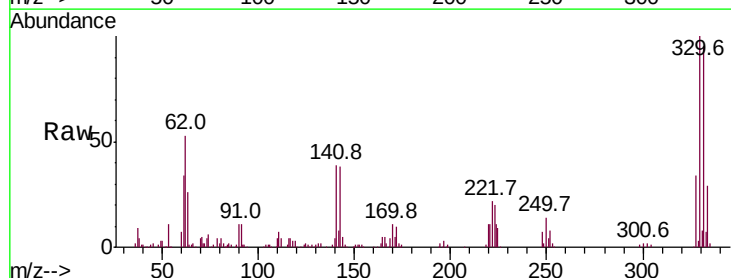
Tgt Ion:330 Resp: 191978

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

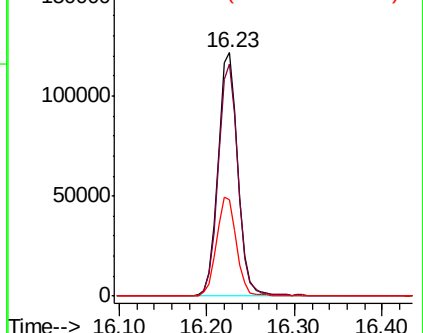
141 40.8 32.2 48.2

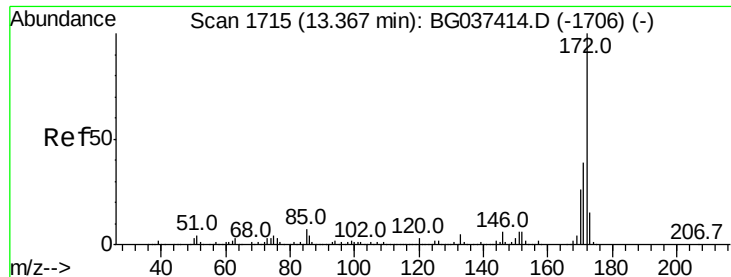


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

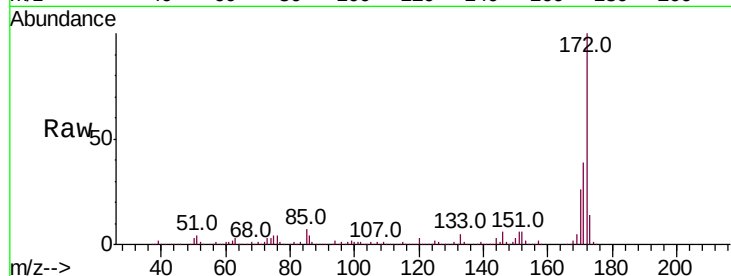




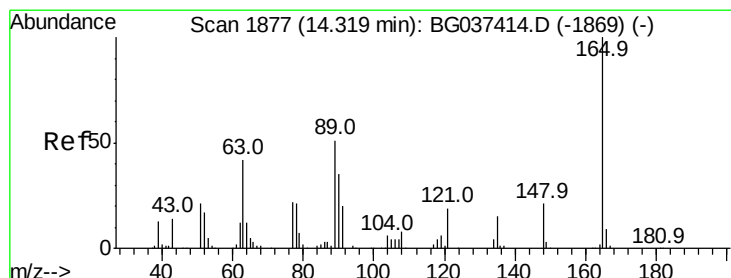
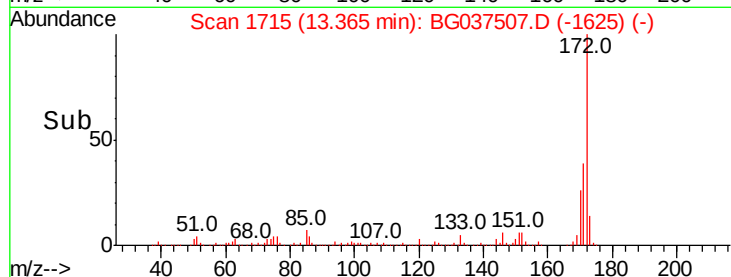
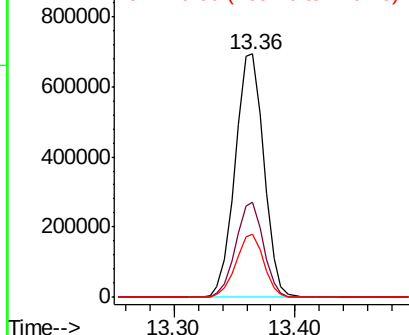
#45
2-Fluorobiphenyl
Concen: 96.813 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1151477
Ion Ratio Lower Upper
172 100
171 38.8 31.0 46.4
170 26.0 20.2 30.2

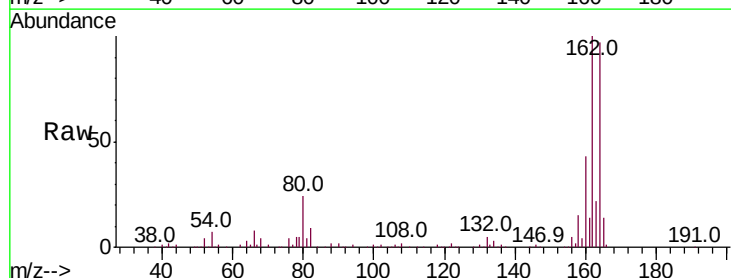


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

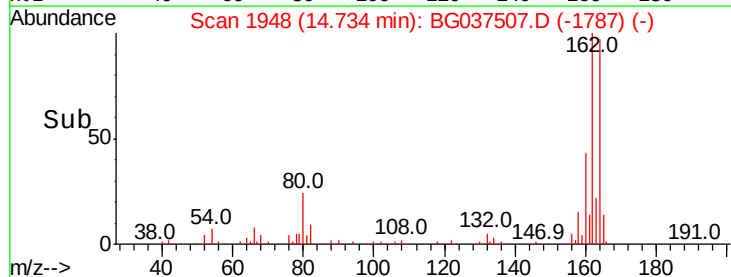
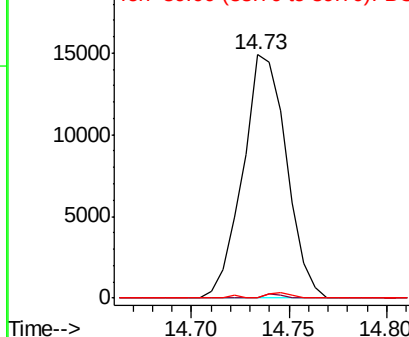


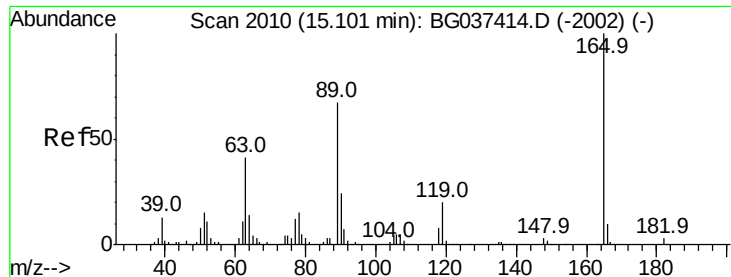
#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Tgt Ion:165 Resp: 23086
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 45.8 68.6#



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

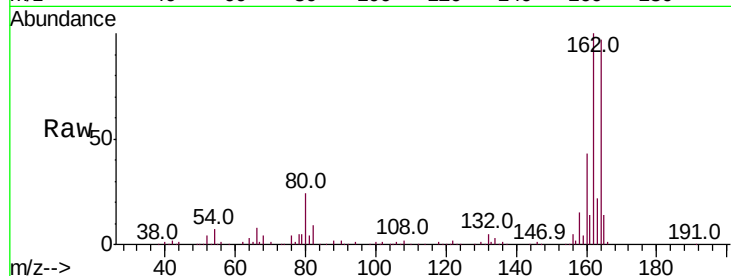




#57
 2,4-Dinitrotoluene
 Concen: 5.730 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037507.D
 Acq: 24 Oct 2018 12:14

Instrument :
 BNA_G
 ClientSampleId :

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

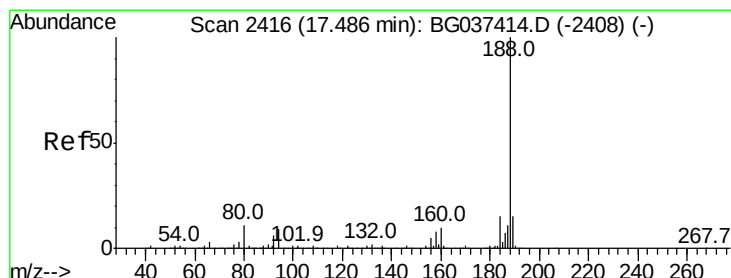
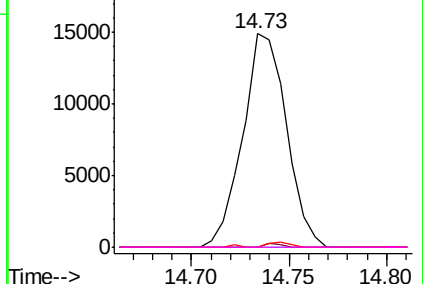
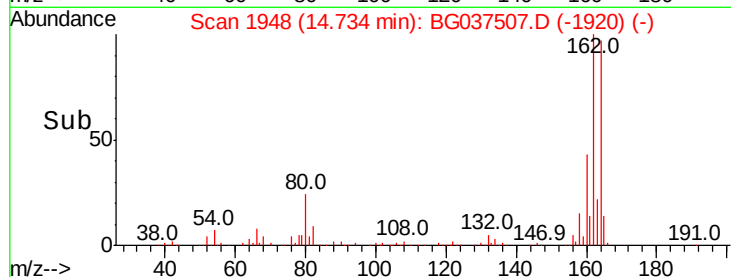


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

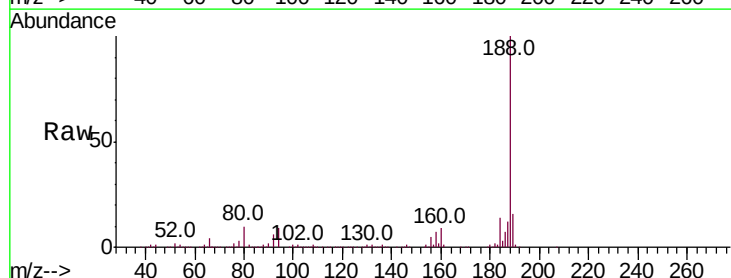
Ion 89.00 (88.70 to 89.70): BGC

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: BG037507.D
 Acq: 24 Oct 2018 12:14

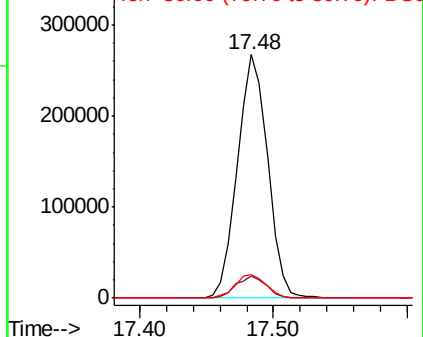
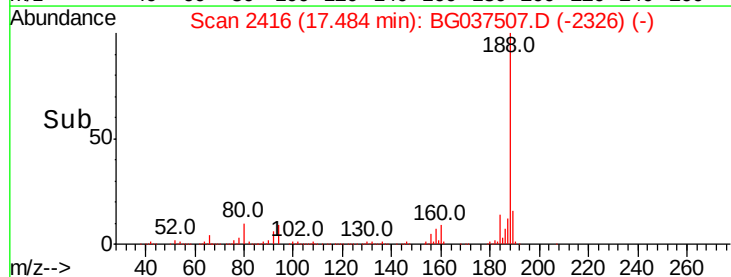
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.7	11.5

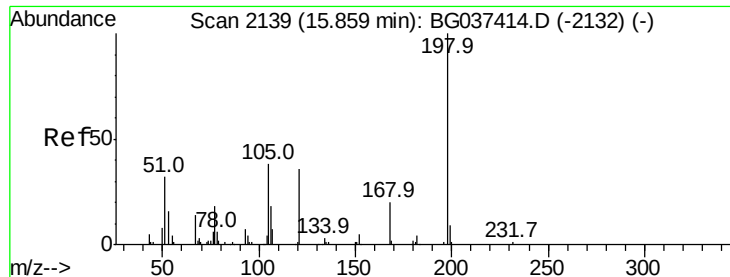


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

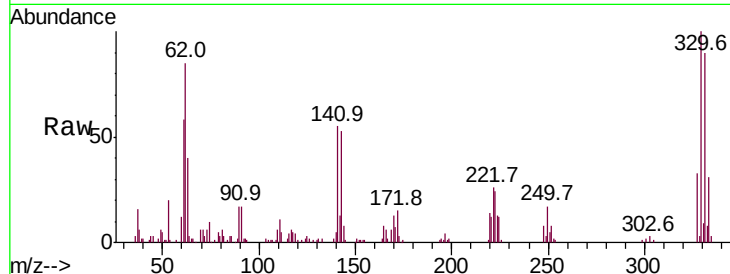




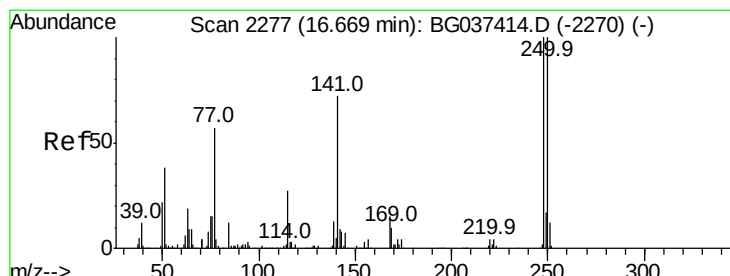
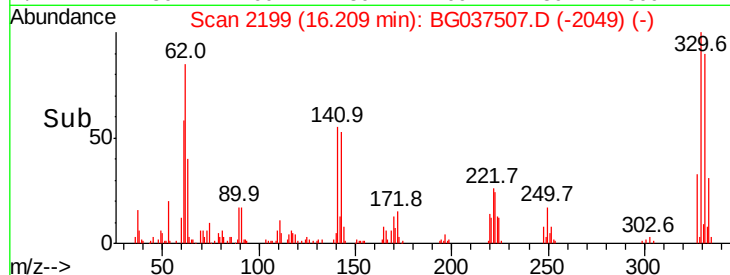
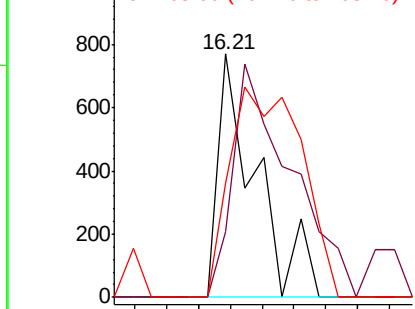
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.746 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037507.D
 Acq: 24 Oct 2018 12:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 637
 Ion Ratio Lower Upper
 198 100
 51 26.9 22.7 62.7
 105 46.9 19.7 59.7

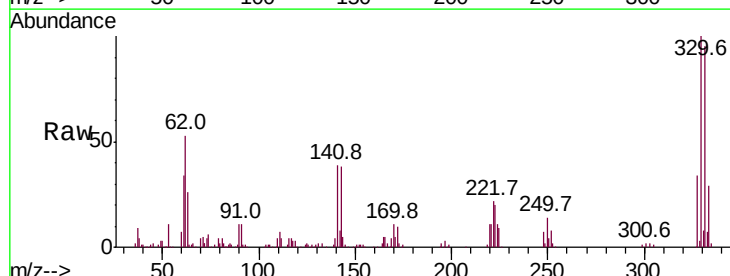


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

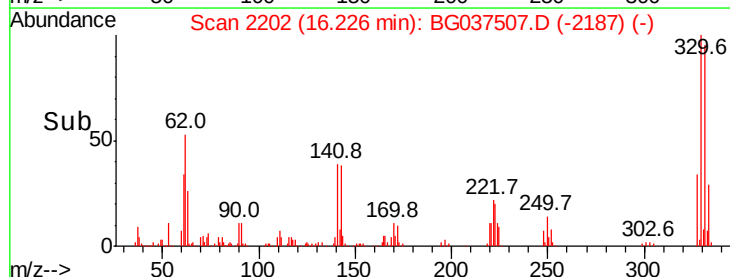
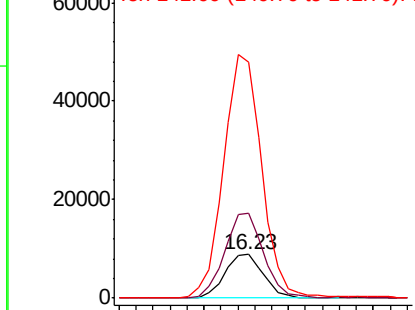


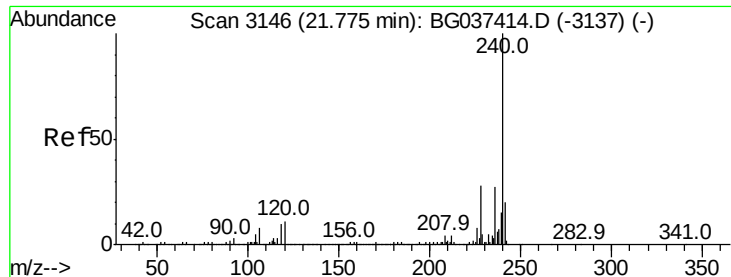
#67
 4-Bromophenyl-phenylether
 Concen: 3.035 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037507.D
 Acq: 24 Oct 2018 12:14

Tgt Ion:248 Resp: 13968
 Ion Ratio Lower Upper
 248 100
 250 197.9 77.0 115.6#
 141 428.4 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: BG037507.D

Acq: 24 Oct 2018 12:14

Instrument :

BNA_G

ClientSampled :

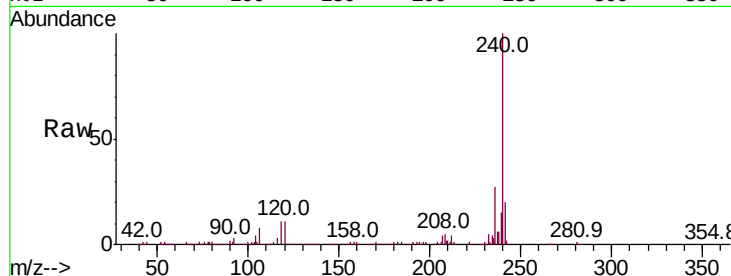
Tot Ion:240 Resp: 374049

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

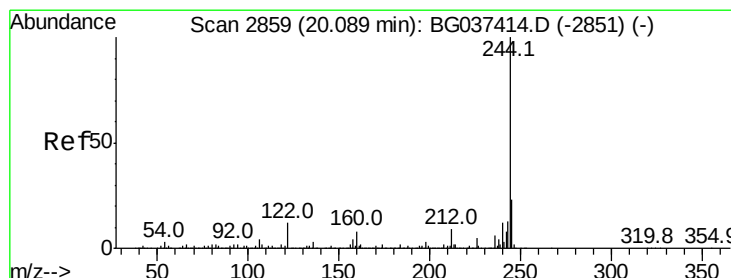
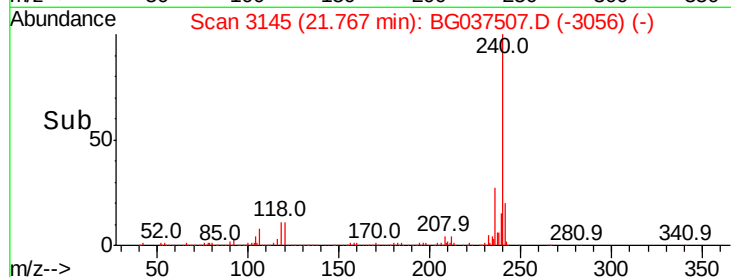
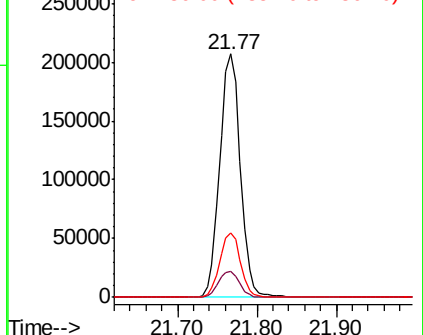
236 26.6 21.4 32.0



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: 81.656 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

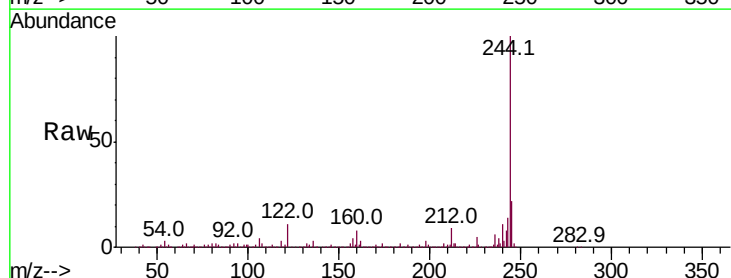
Tgt Ion:244 Resp: 1429426

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

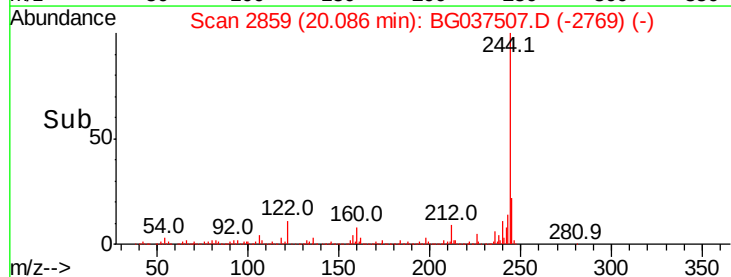
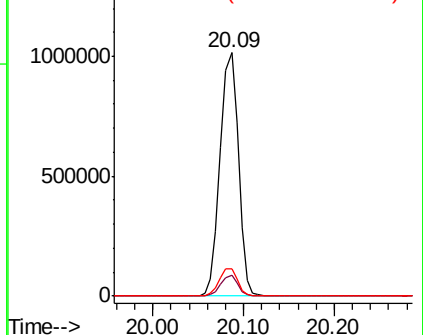
122 11.2 9.0 13.4

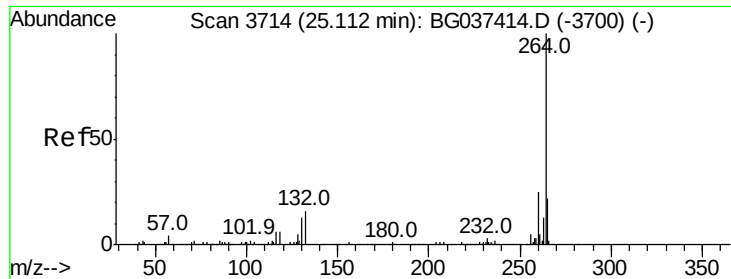


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	18.2	27.4
265	22.3	17.9	26.9

