

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037617.D
 Acq On : 29 Oct 2018 11:18
 Operator : JU/SJ
 Sample : PB114233BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BL

Quant Time: Oct 29 14:35:01 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

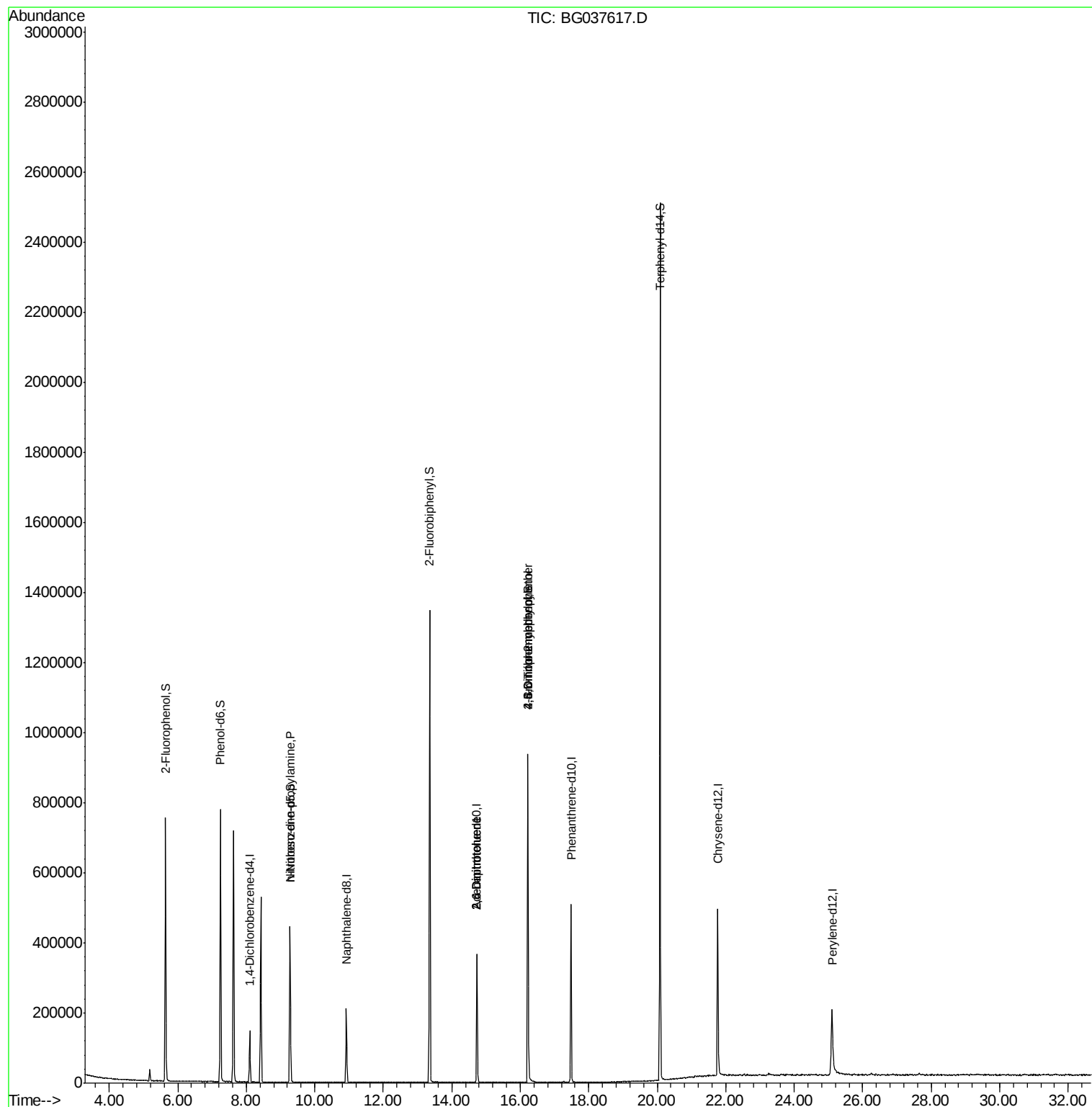
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	45781	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	197156	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	132493	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	337181	20.00	ng	0.00
76) Chrysene-d12	21.77	240	313625	20.00	ng	0.00
87) Perylene-d12	25.10	264	272827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	347622	126.95	ng	0.00
7) Phenol-d6	7.24	99	499465	120.62	ng	0.00
23) Nitrobenzene-d5	9.28	82	286325	81.36	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	175302	121.31	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	732248	83.34	ng	0.00
79) Terphenyl-d14	20.08	244	1188799	80.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	35022	12.283	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	17192	7.582	ng	# 23
57) 2,4-Dinitrotoluene	14.73	165	17192	5.776	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	365	8.677	ng	83
67) 4-Bromophenyl-phenylether	16.22	248	12685	3.426	ng	# 1

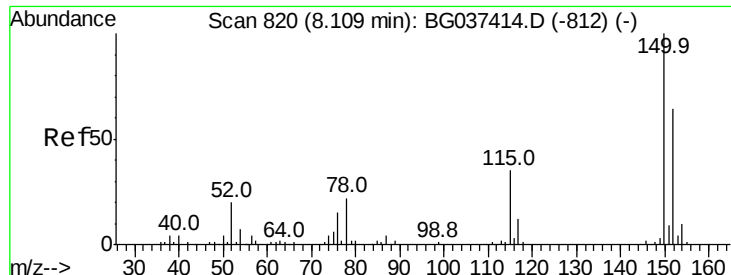
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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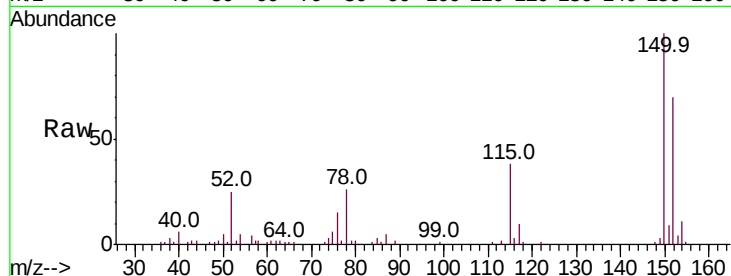


#1

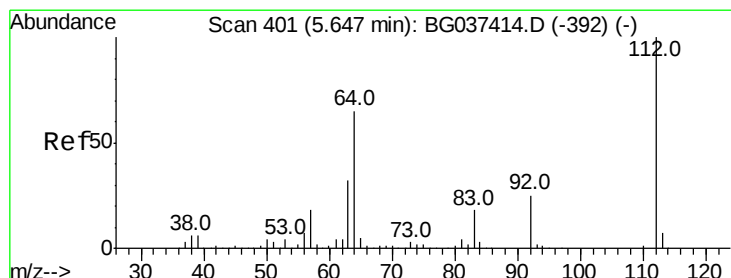
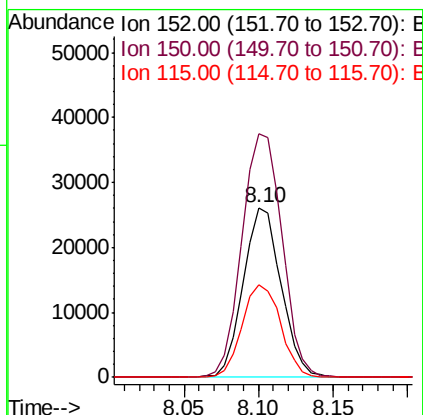
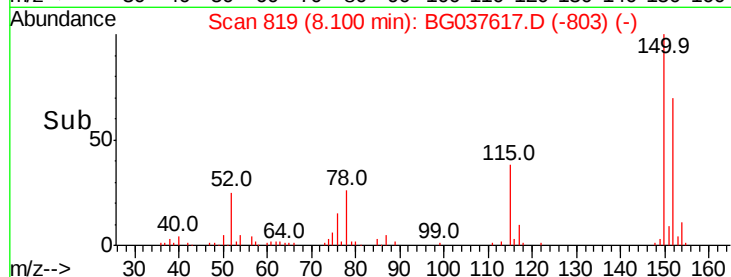
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :
PB114233BL

Tot Ion:152 Resp: 45781
Ion Ratio Lower Upper
152 100
150 143.5 126.0 189.0
115 54.9 45.5 68.3



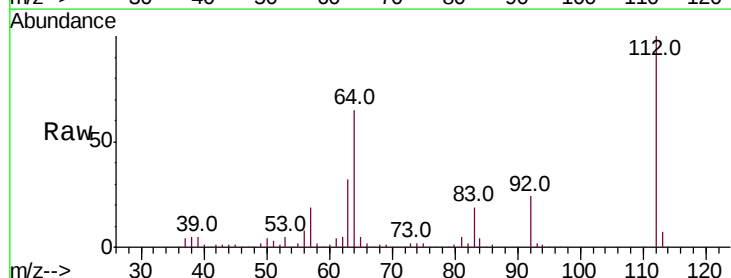
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



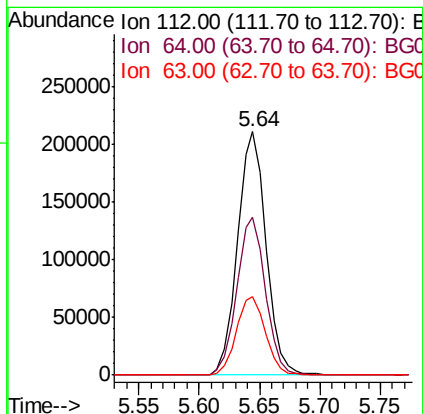
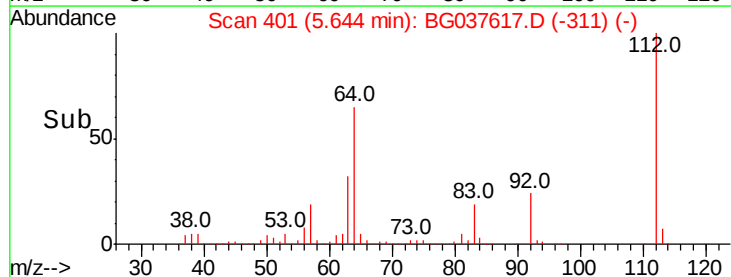
#5

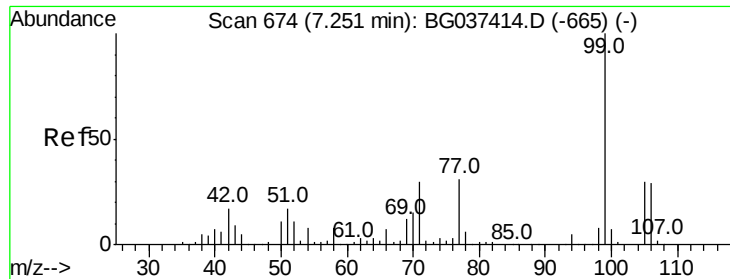
2-Fluorophenol
Concen: 126.946 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Tgt Ion:112 Resp: 347622
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.4 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: 120.623 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037617.D

Acq: 29 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB114233BL

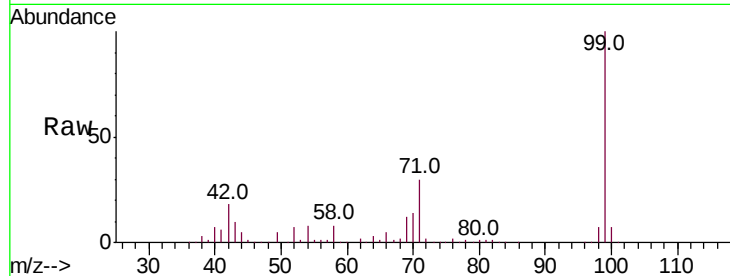
Tot Ion: 99 Resp: 499465

Ion Ratio Lower Upper

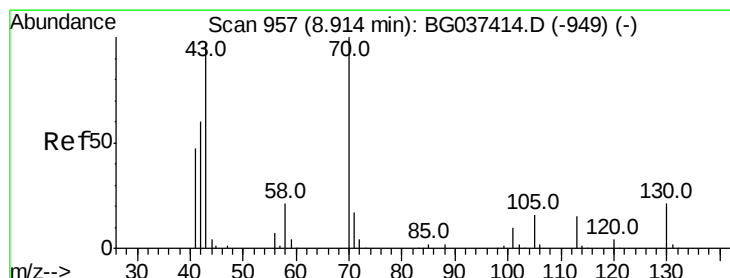
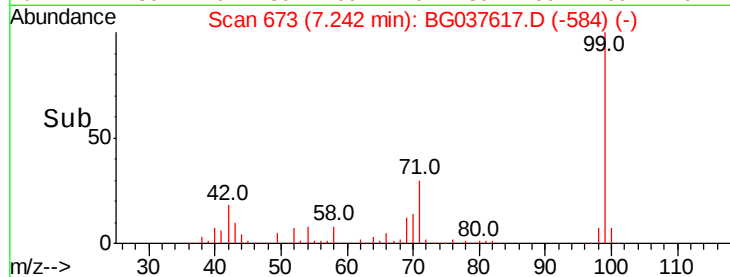
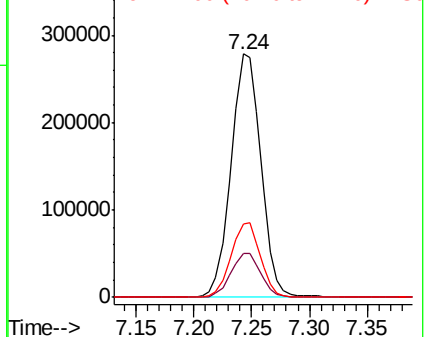
99 100

42 18.2 15.0 22.4

71 30.3 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: 12.283 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037617.D

Acq: 29 Oct 2018 11:18

Tgt Ion: 70 Resp: 35022

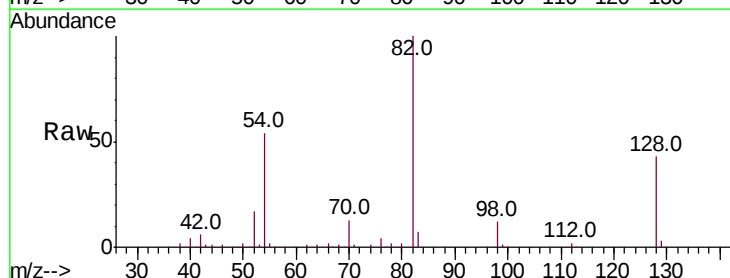
Ion Ratio Lower Upper

70 100

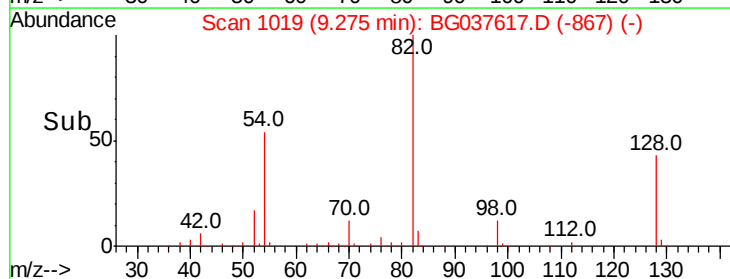
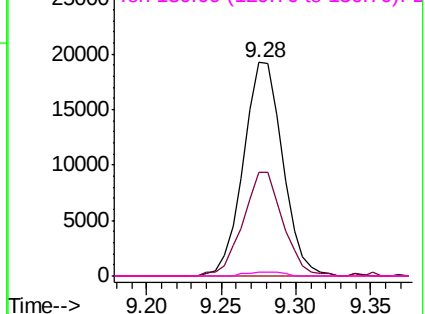
42 48.4 53.9 80.9#

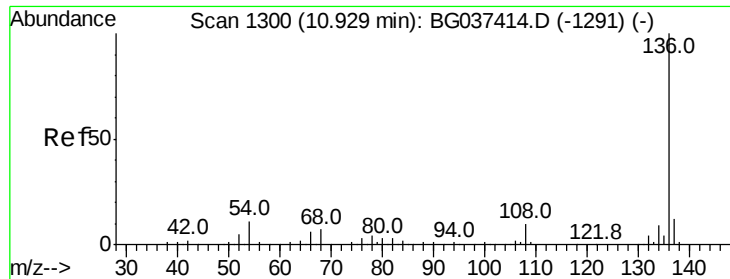
101 0.0 8.2 12.2#

130 1.6 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

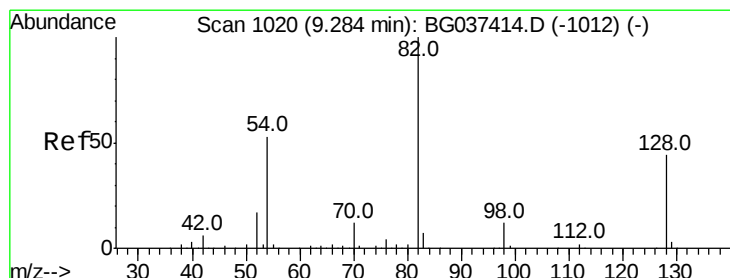
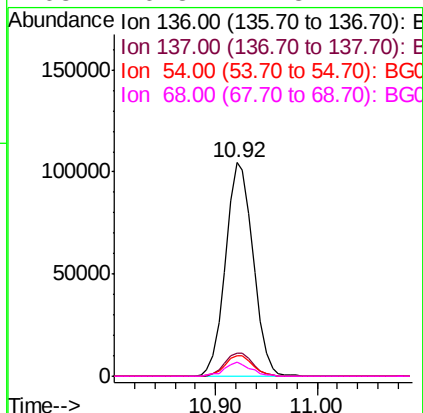
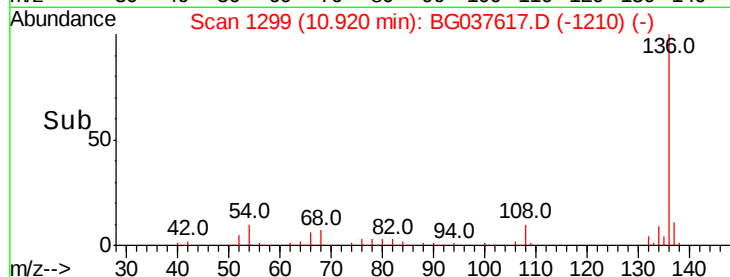
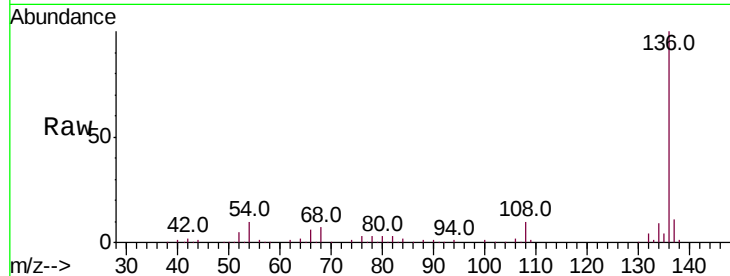




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

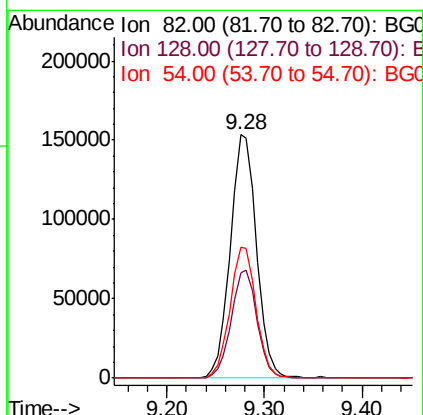
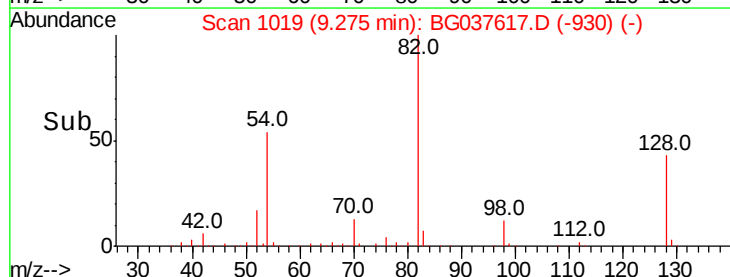
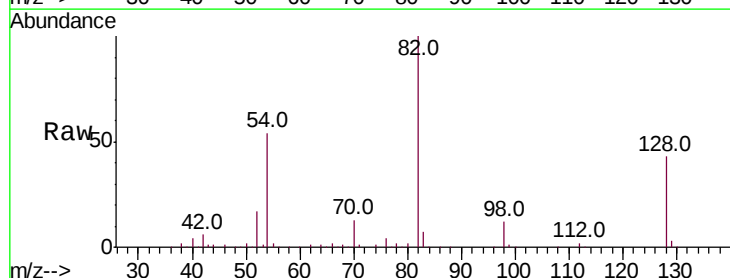
Instrument :
BNA_G
ClientSampleId :
PB114233BL

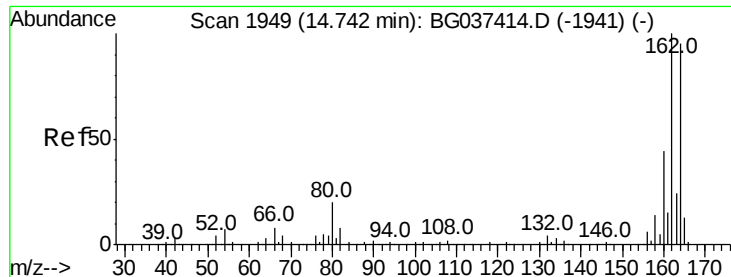
Tot Ion:	136	Resp:	197156
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.8	7.9	11.9
68	6.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 81.355 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Tgt Ion:	82	Resp:	286325
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.9	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: BG037617.D

Acq: 29 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB114233BL

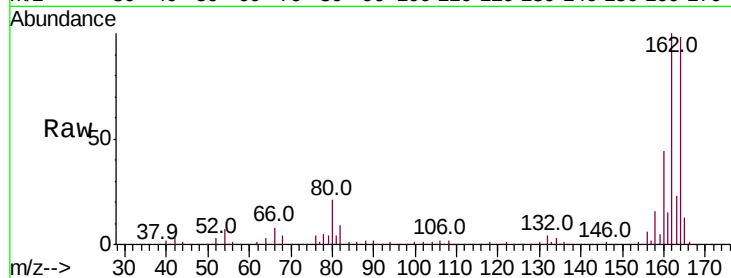
Tot Ion:164 Resp: 132493

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

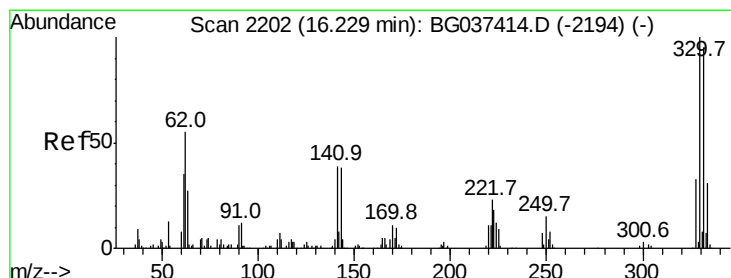
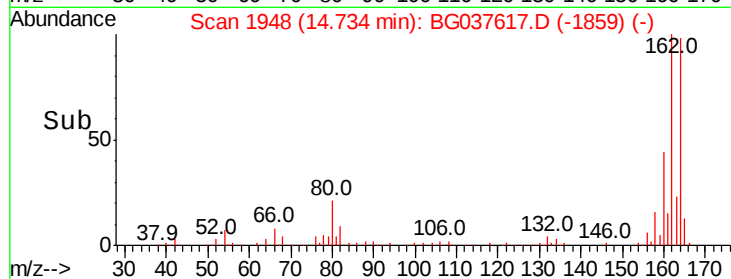
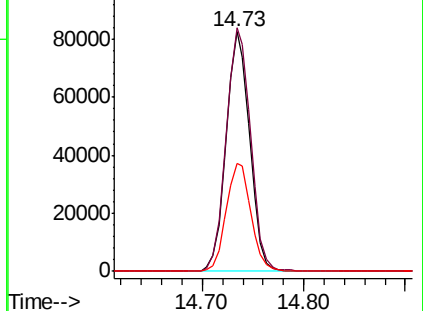
160 45.3 36.3 54.5



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: 121.309 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037617.D

Acq: 29 Oct 2018 11:18

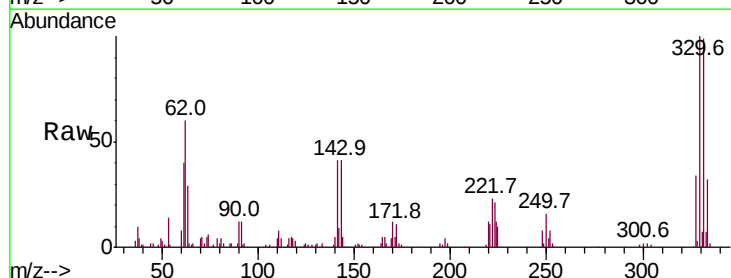
Tgt Ion:330 Resp: 175302

Ion Ratio Lower Upper

330 100

332 98.1 78.4 117.6

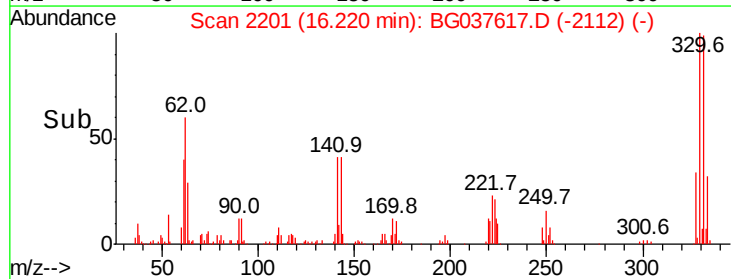
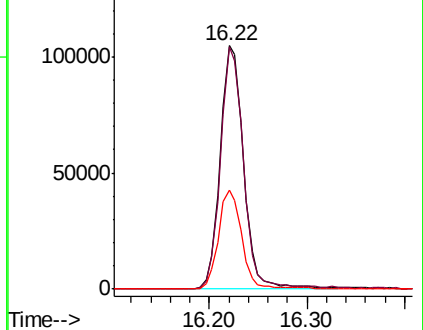
141 40.4 32.2 48.2

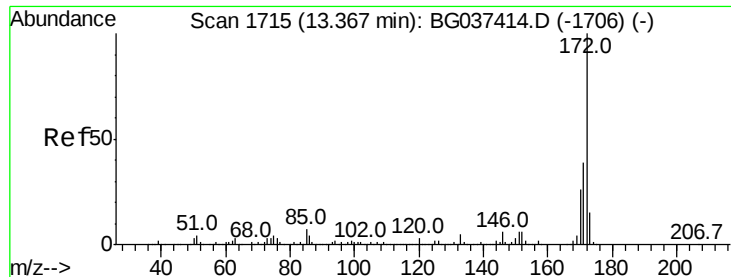


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

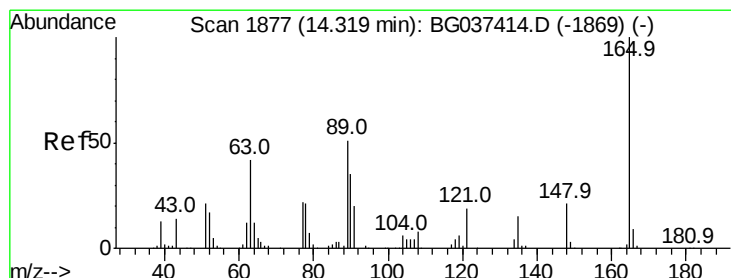
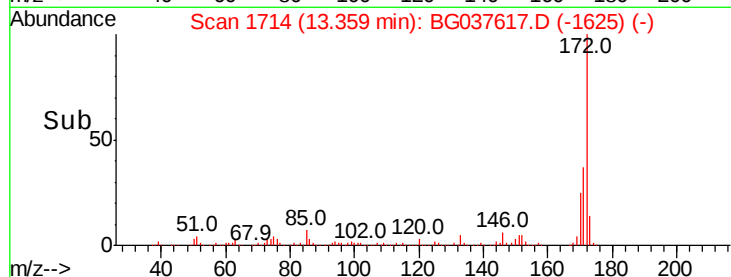
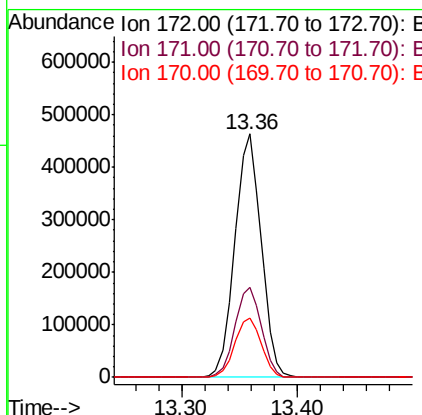
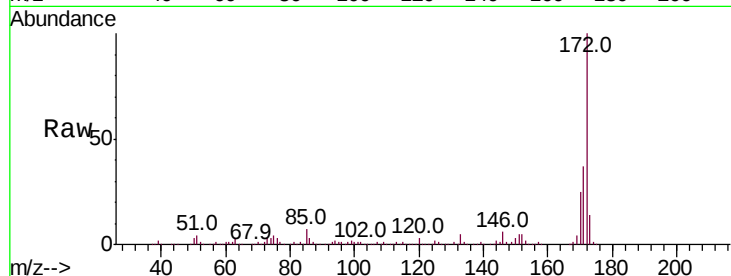




#45
 2-Fluorobiphenyl
 Concen: 83.339 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

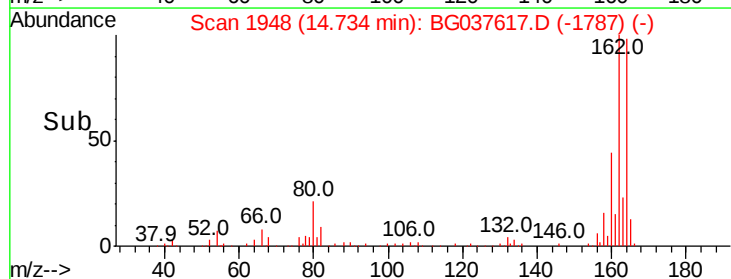
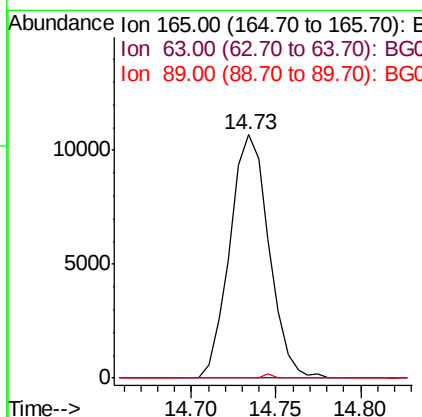
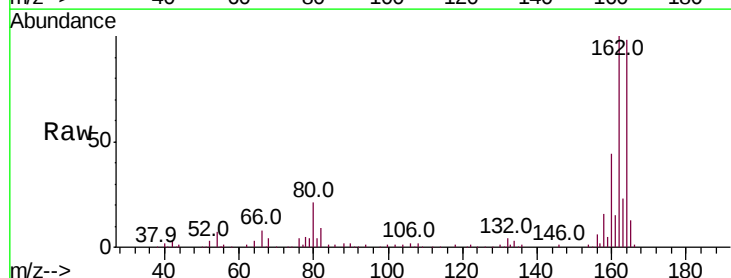
Instrument :
 BNA_G
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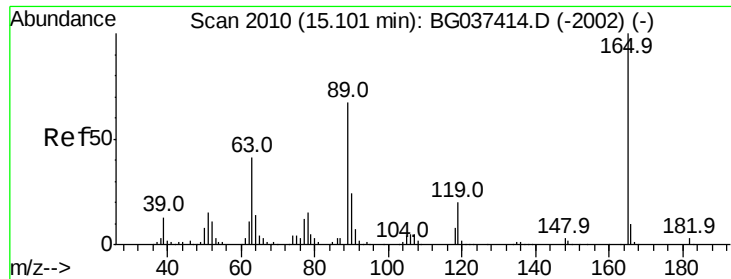
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	24.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.582 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

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

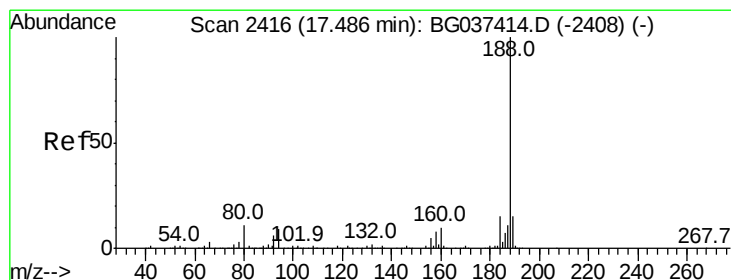
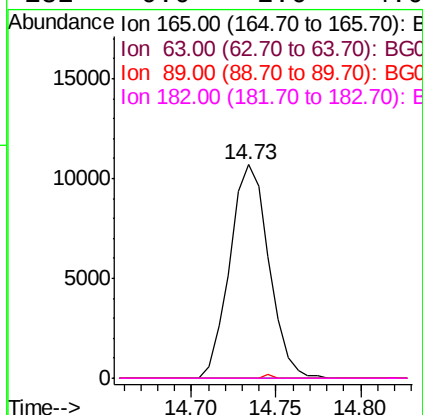
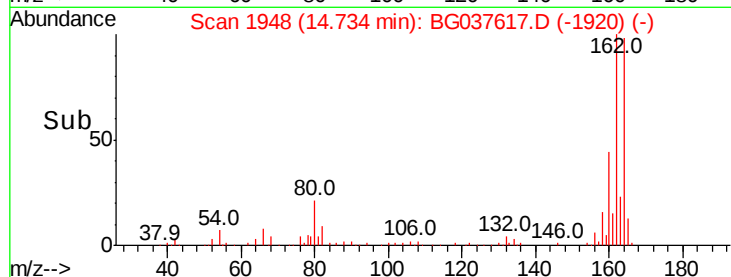
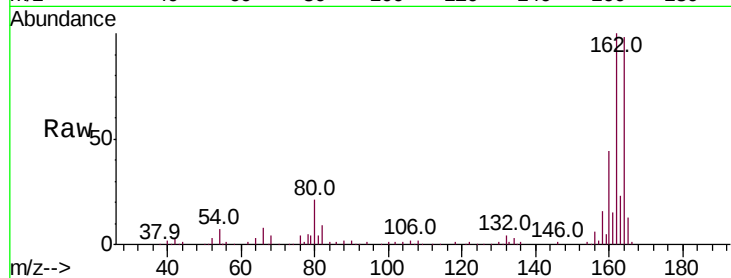




#57
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

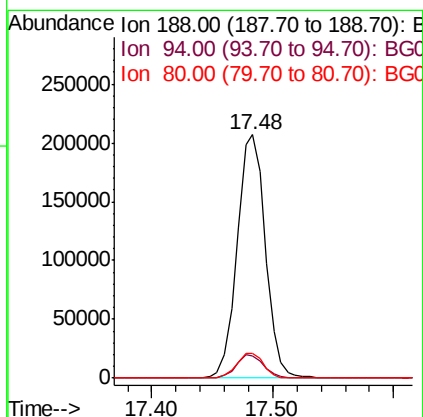
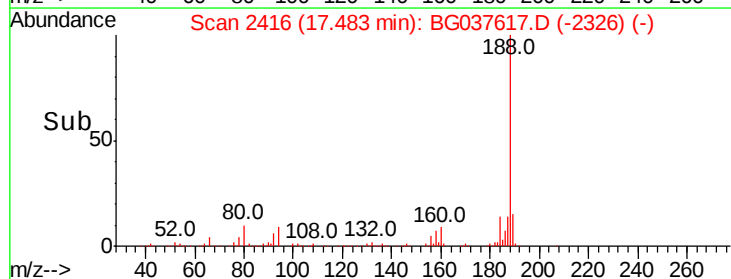
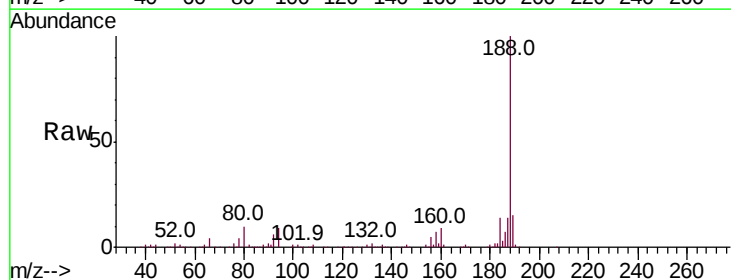
Instrument :
 BNA_G
 ClientSampleId :
 PB114233BL

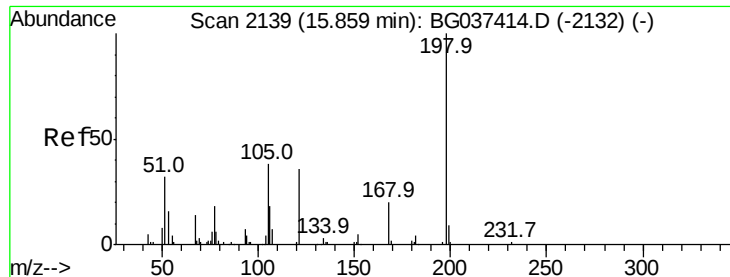
Tot Ion:165 Resp: 17192
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

Tgt Ion:188 Resp: 337181
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 10.4 7.7 11.5

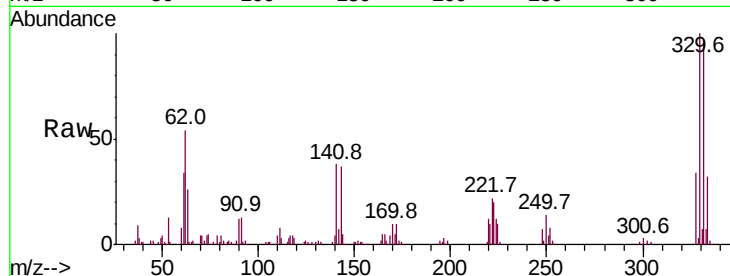




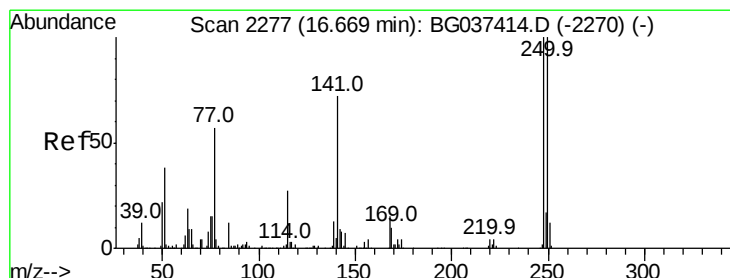
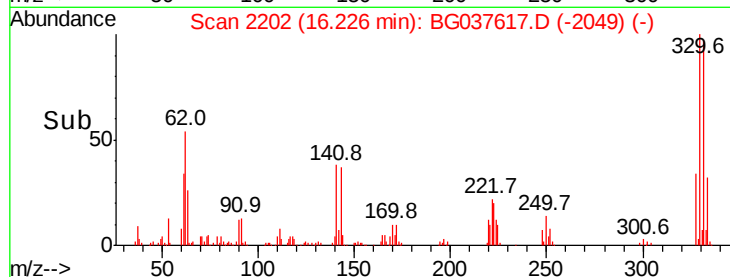
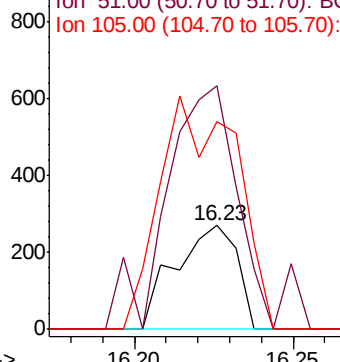
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.677 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BL

Tot Ion:198 Resp: 365
 Ion Ratio Lower Upper
 198 100
 51 33.0 22.7 62.7
 105 28.1 19.7 59.7

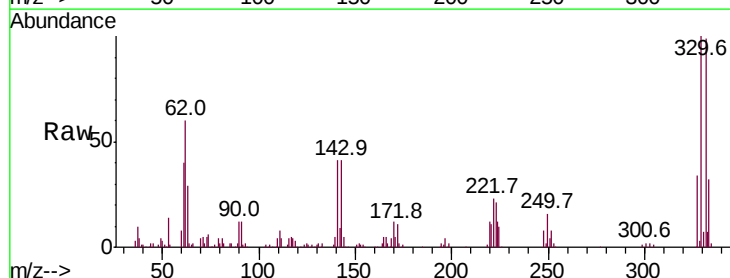


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

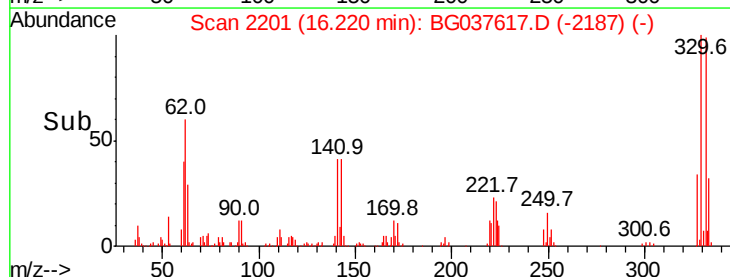
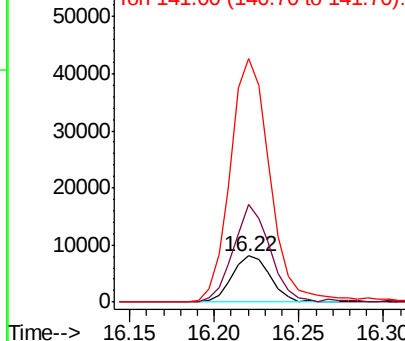


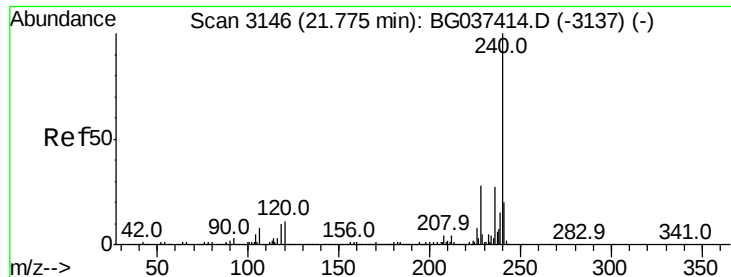
#67
 4-Bromophenyl-phenylether
 Concen: 3.426 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037617.D
 Acq: 29 Oct 2018 11:18

Tgt Ion:248 Resp: 12685
 Ion Ratio Lower Upper
 248 100
 250 207.2 77.0 115.6#
 141 406.4 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: BG037617.D

Acq: 29 Oct 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB114233BL

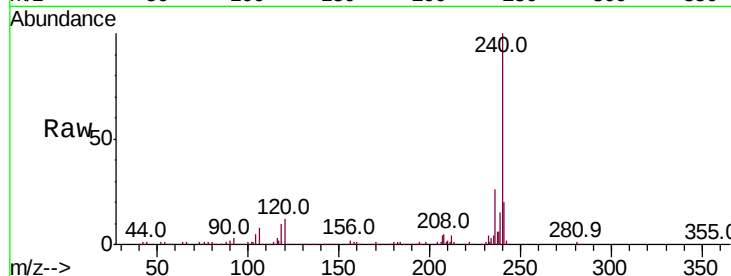
Tot Ion:240 Resp: 313625

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	25.6	21.4	32.0

240 100

120 11.5 8.1 12.1

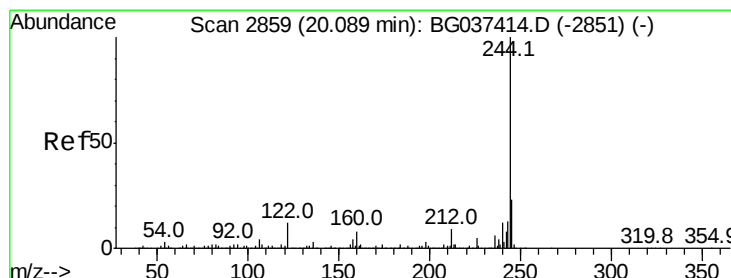
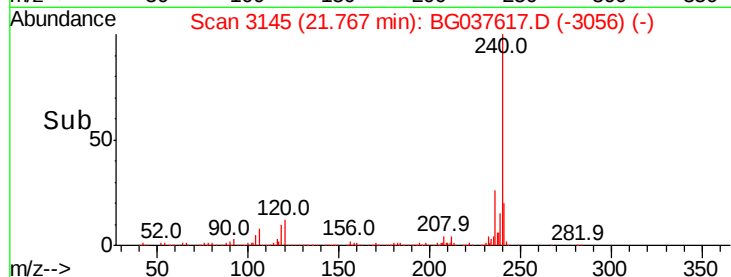
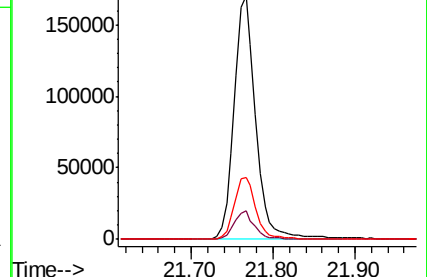
236 25.6 21.4 32.0



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: 80.994 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037617.D

Acq: 29 Oct 2018 11:18

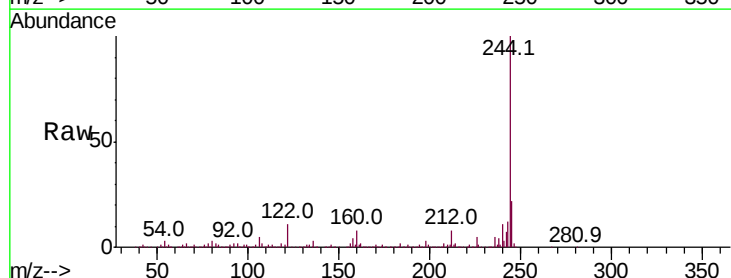
Tgt Ion:244 Resp: 1188799

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.1	9.0	13.4

244 100

212 8.1 6.5 9.7

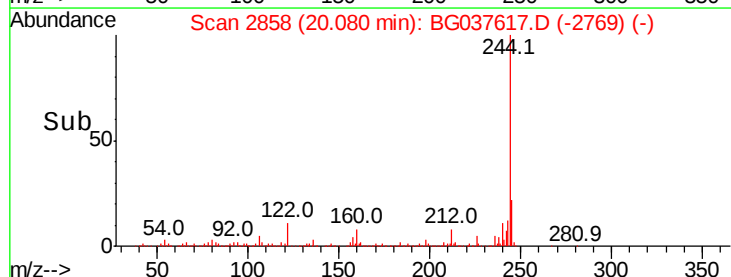
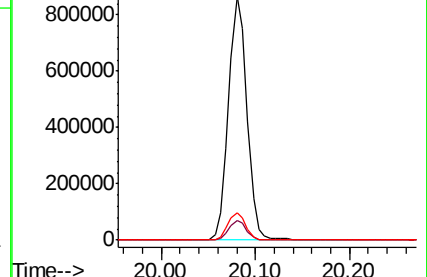
122 11.1 9.0 13.4

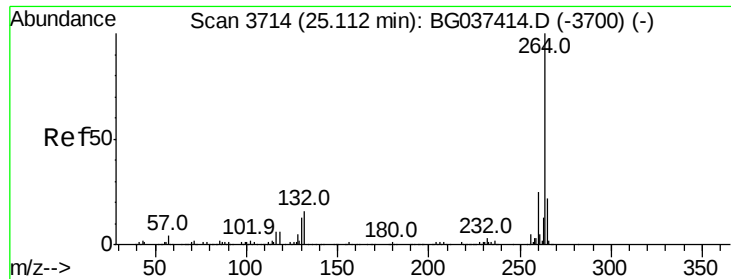


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3713
Delta R.T. -0.01 min
Lab File: BG037617.D
Acq: 29 Oct 2018 11:18

Instrument :
BNA_G
ClientSampleId :
PB114233BL

Tot Ion:264 Resp: 272827

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.1	17.9	26.9

