

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032904.D
 Acq On : 1 Mar 2018 1:29
 Operator : SJ/JU
 Sample : PB106927BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 02:49:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	73378	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	323021	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	182641	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	400287	20.00	ng	0.00
75) Chrysene-d12	22.62	240	353486	20.00	ng	-0.01
86) Perylene-d12	26.42	264	352388	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	604950	131.90	ng	0.00
7) Phenol-d6	8.01	99	785243	122.83	ng	0.00
23) Nitrobenzene-d5	10.12	82	450261	95.36	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	231491	120.54	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1013870	80.06	ng	0.00
78) Terphenyl-d14	20.78	244	1366062	86.83	ng	0.00

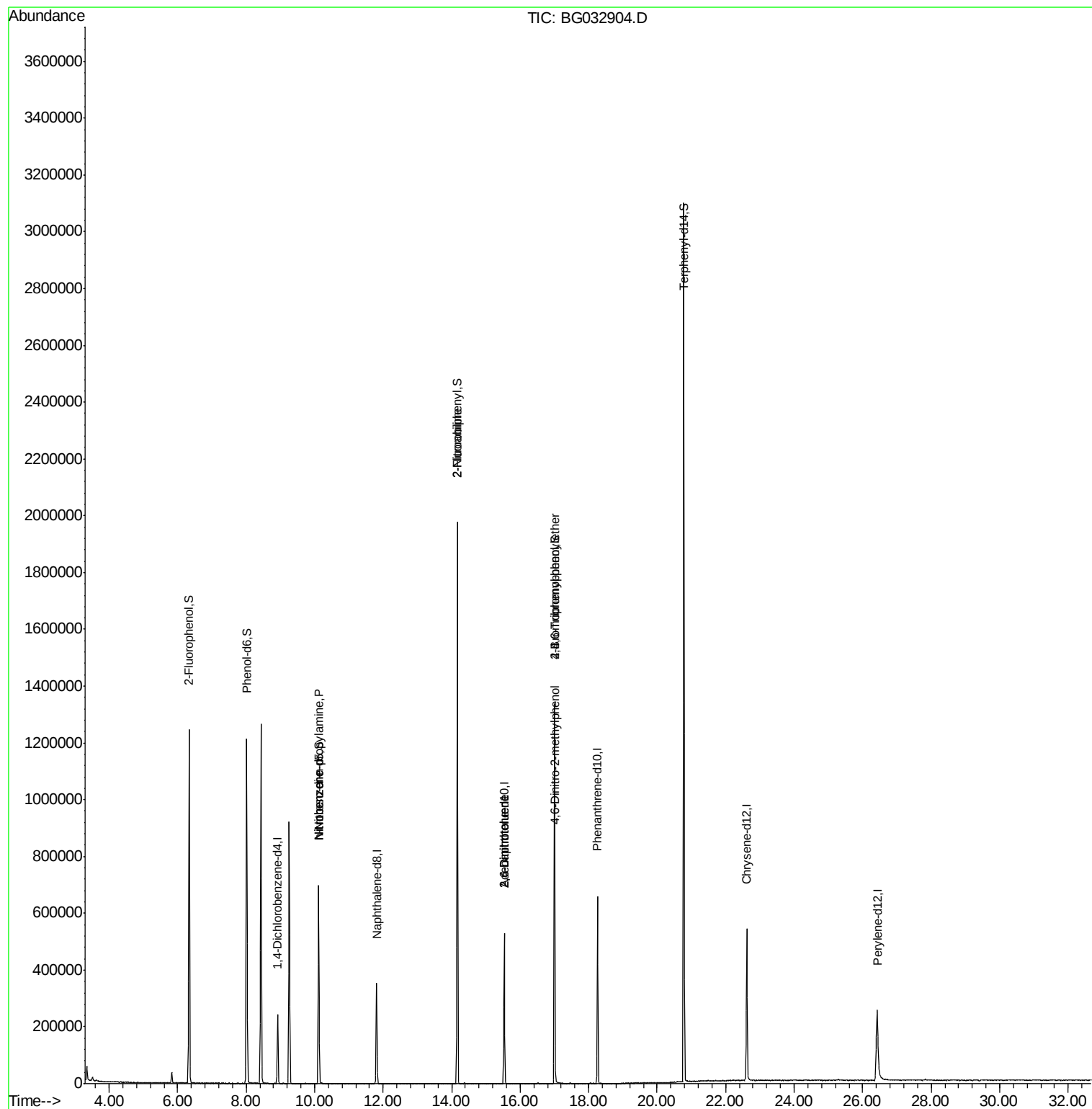
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	57429	12.724	ng	# 83
24) Nitrobenzene	10.12	77	1343	6.606	ng	# 31
47) 2-Nitroaniline	14.16	65	1688	10.282	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	23299	16.292	ng	# 20
56) 2,4-Dinitrotoluene	15.53	165	23299	14.490	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.02	198	846	5.846	ng	# 81
66) 4-Bromophenyl-phenylether	17.00	248	16991	4.014	ng	# 1

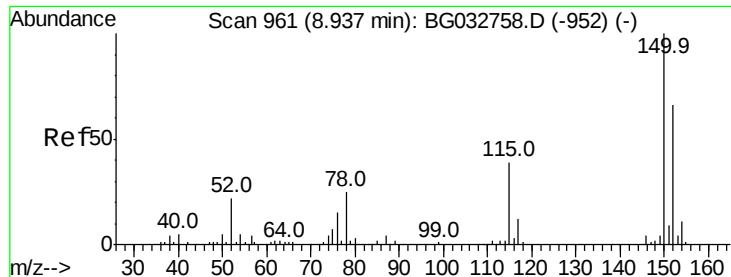
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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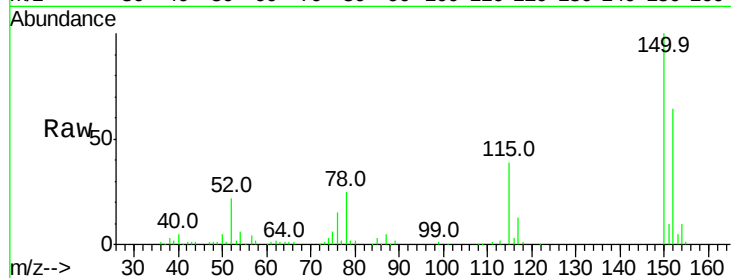


#1

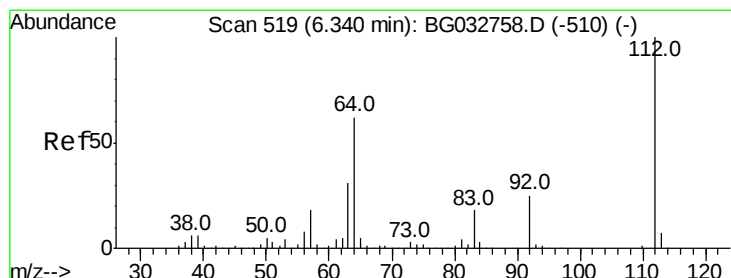
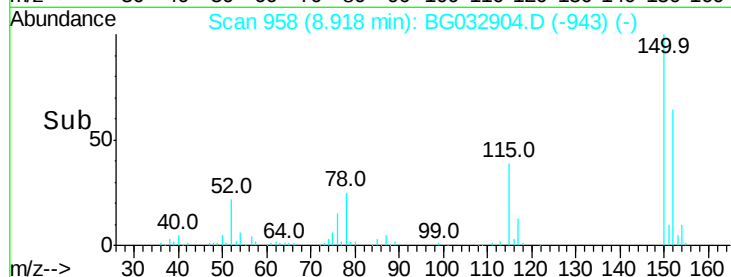
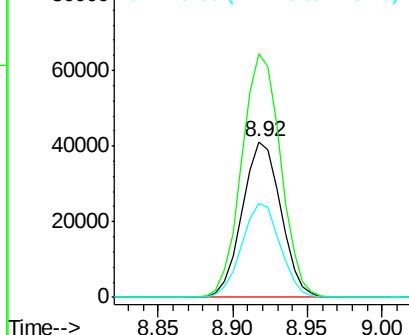
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 73378
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 60.7 53.0 79.4



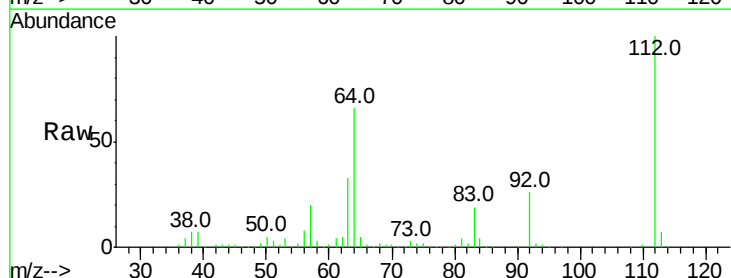
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



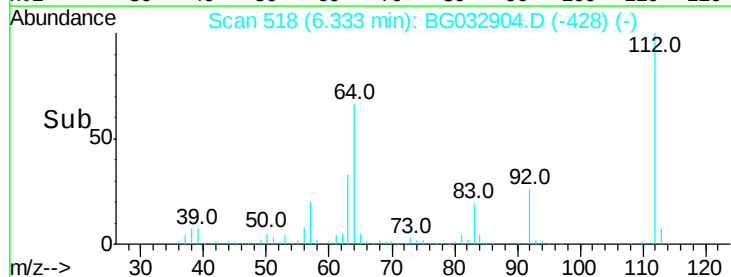
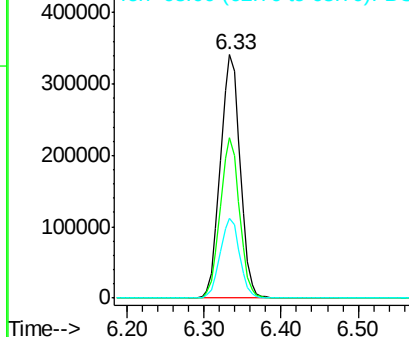
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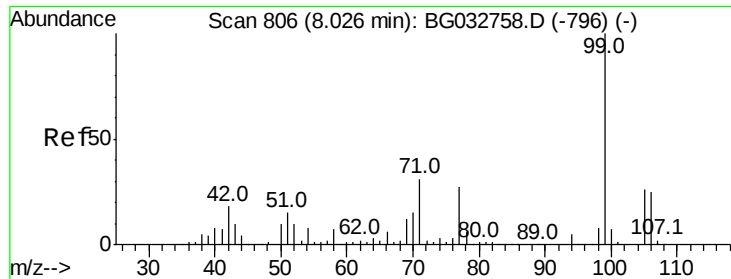
2-Fluorophenol
Concen: 131.897 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

Tgt Ion:112 Resp: 604950
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 32.6 30.1 45.1



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: 122.829 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032904.D

Acq: 1 Mar 2018 1:29

Instrument :

BNA_G

ClientSampled :

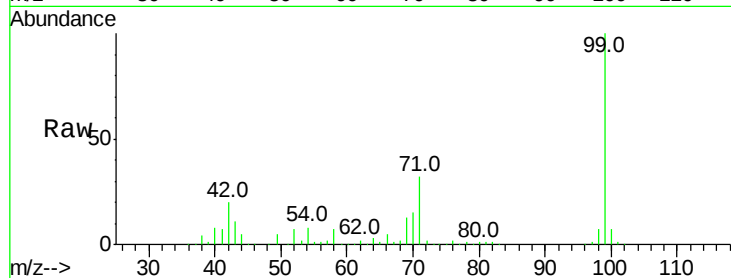
Tot Ion: 99 Resp: 785243

Ion Ratio Lower Upper

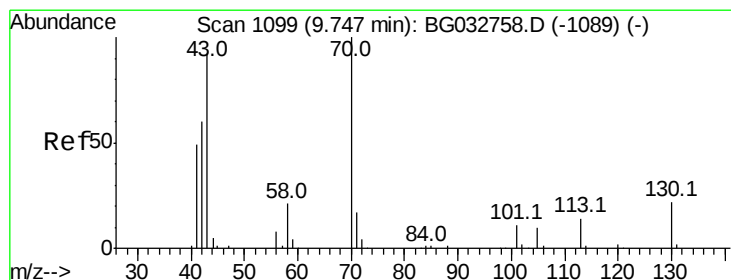
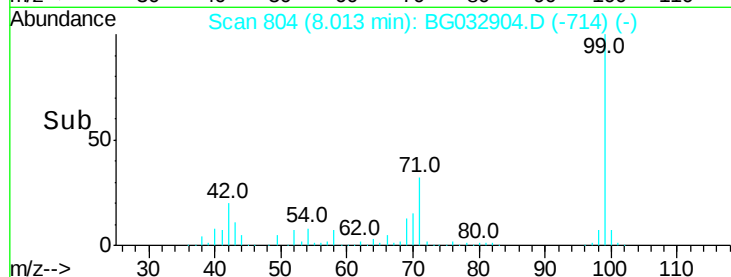
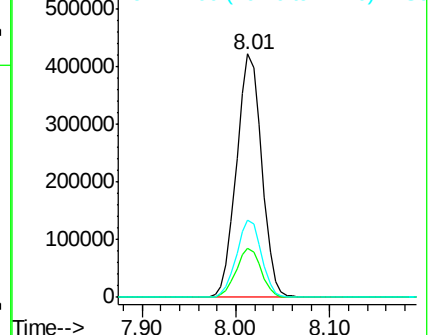
99 100

42 20.0 14.1 21.1

71 31.6 26.1 39.1



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: 12.724 ng

RT: 10.12 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG032904.D

Acq: 1 Mar 2018 1:29

Tgt Ion: 70 Resp: 57429

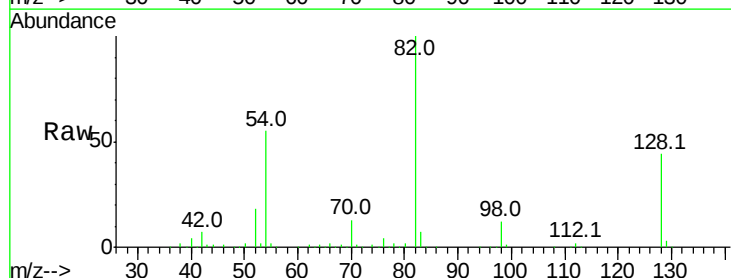
Ion Ratio Lower Upper

70 100

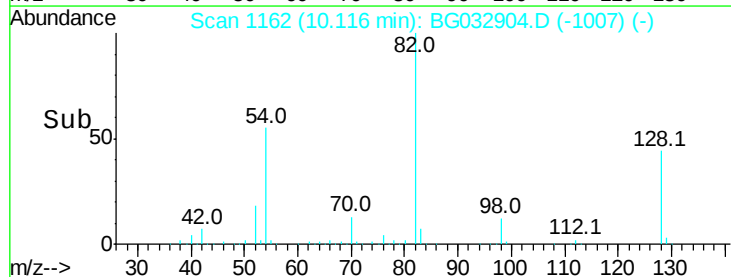
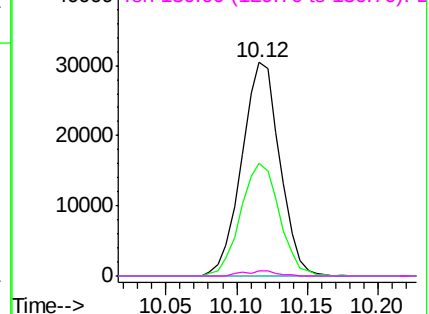
42 53.0 49.1 73.7

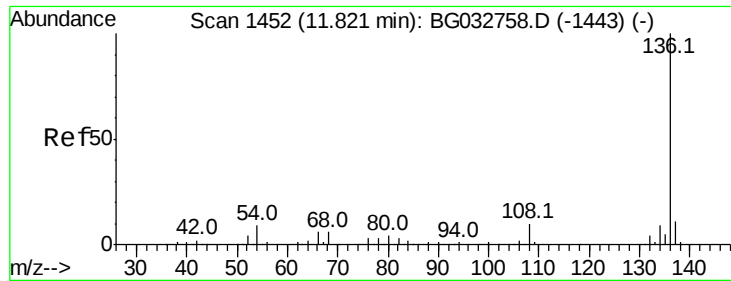
101 0.0 8.5 12.7#

130 2.2 13.4 20.0#



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

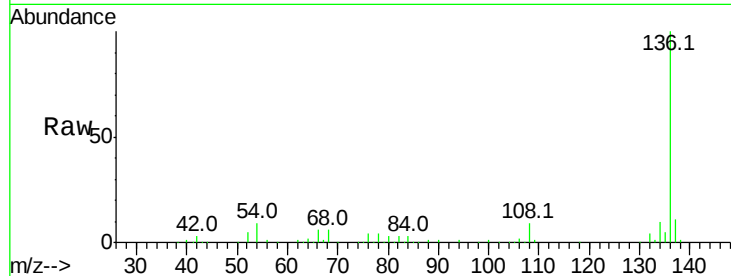




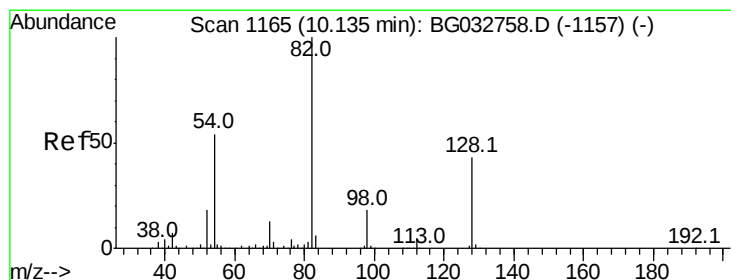
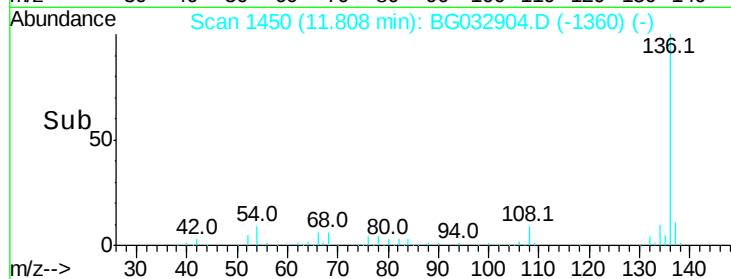
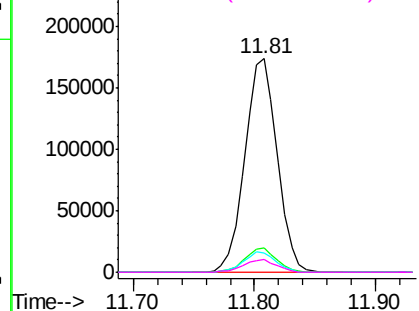
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	323021
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.8	10.3	15.5
68	6.0	4.5	6.7

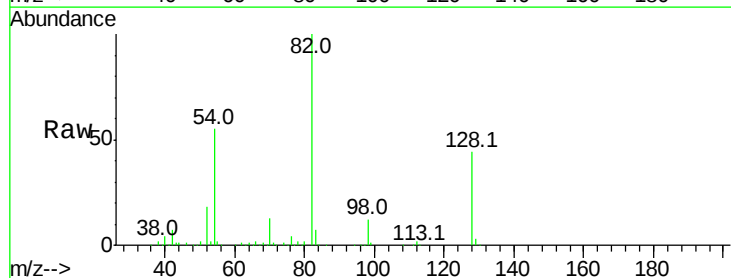


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

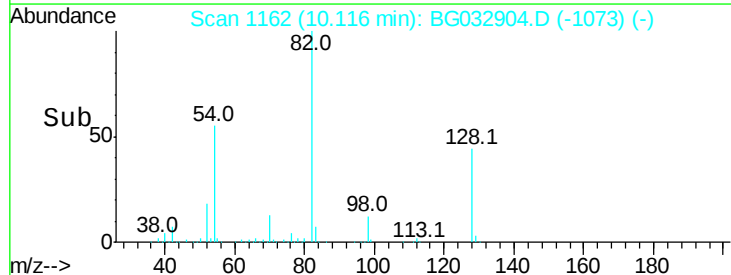
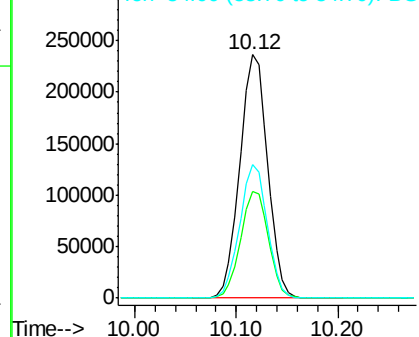


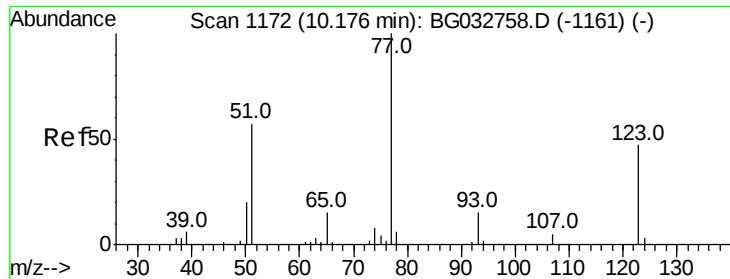
#23
Nitrobenzene-d5
Concen: 95.362 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

Tgt Ion:	82	Resp:	450261
Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	55.1	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

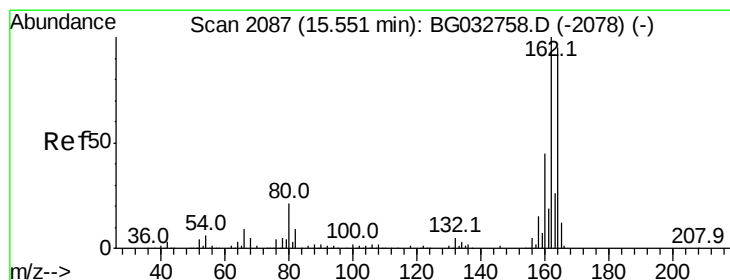
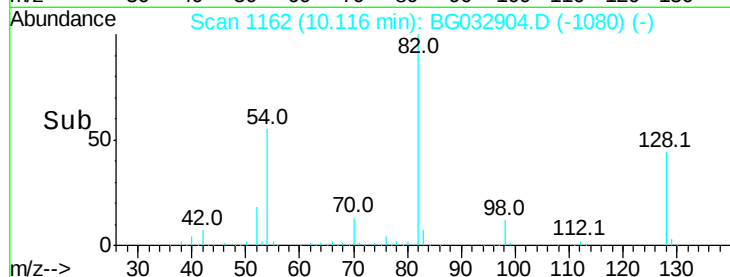
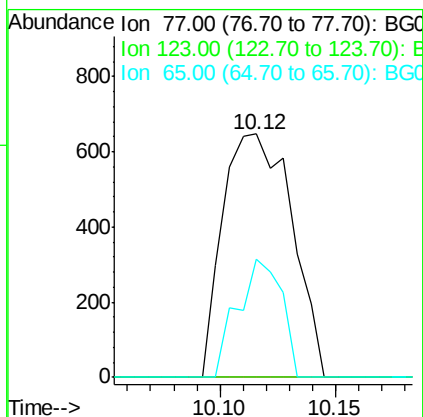
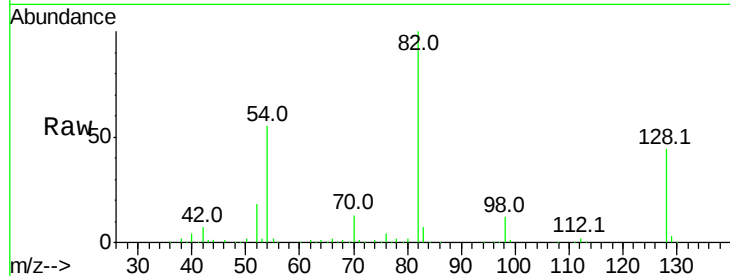




#24
Nitrobenzene
Concen: 6.606 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

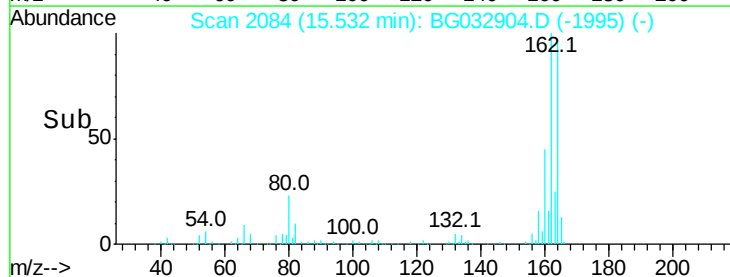
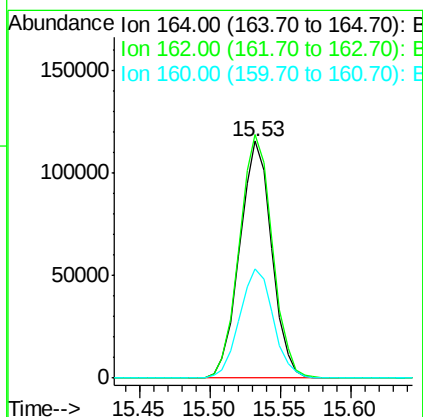
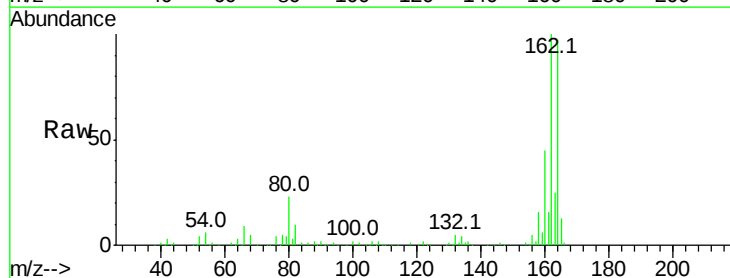
Instrument :
BNA_G
ClientSampleId :

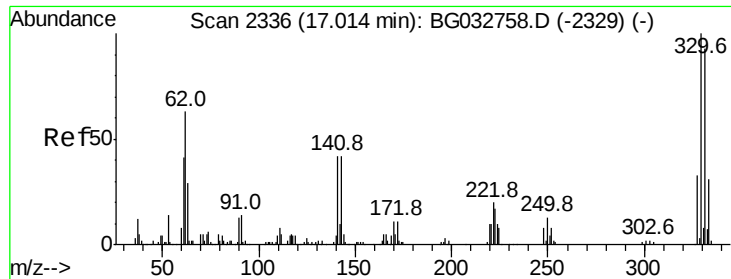
Tot Ion: 77 Resp: 1343
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 48.5 13.0 19.6#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

Tgt Ion:164 Resp: 182641
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 46.2 35.4 53.0

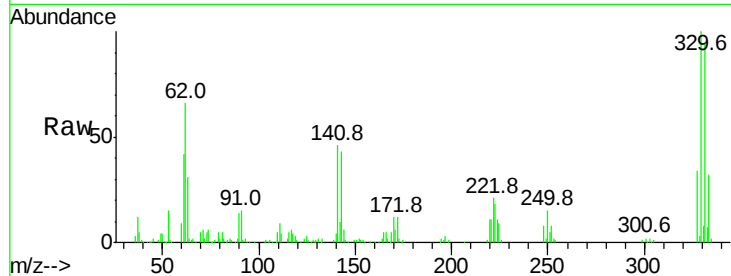




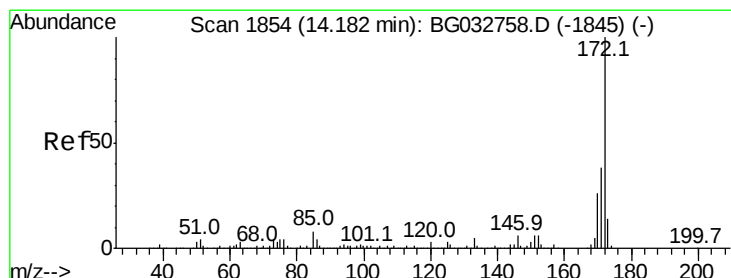
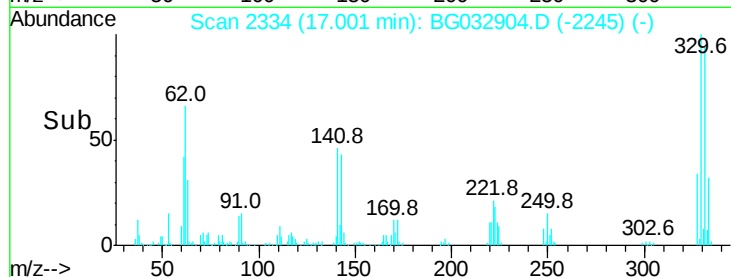
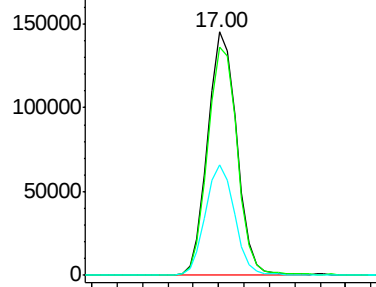
#41
 2,4,6-Tribromophenol
 Concen: 120.543 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032904.D
 Acq: 1 Mar 2018 1:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 231491
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 45.3 25.2 37.8#

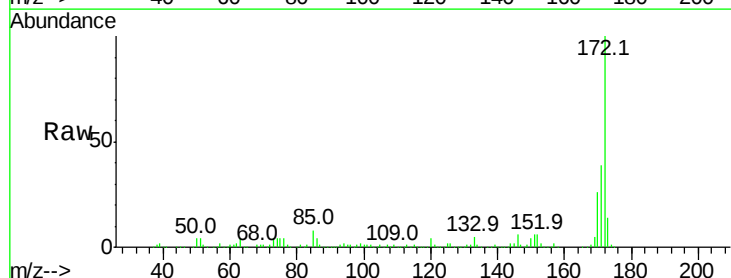


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

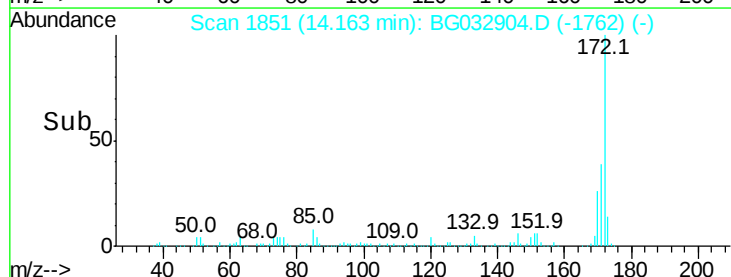
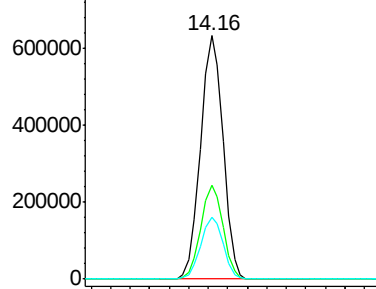


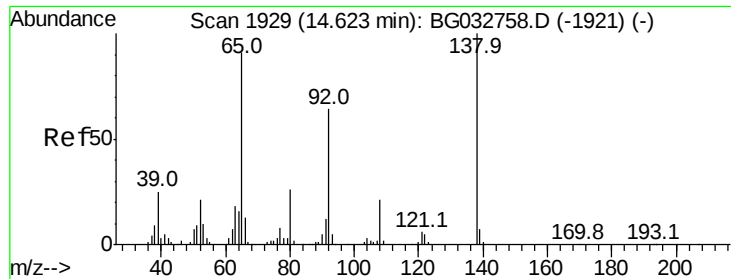
#44
 2-Fluorobiphenyl
 Concen: 80.062 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032904.D
 Acq: 1 Mar 2018 1:29

Tgt Ion:172 Resp: 1013870
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.5 19.5 29.3



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

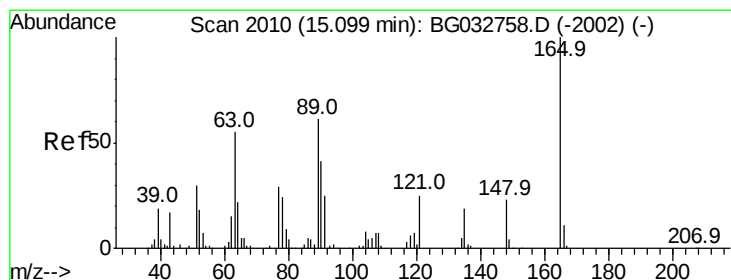
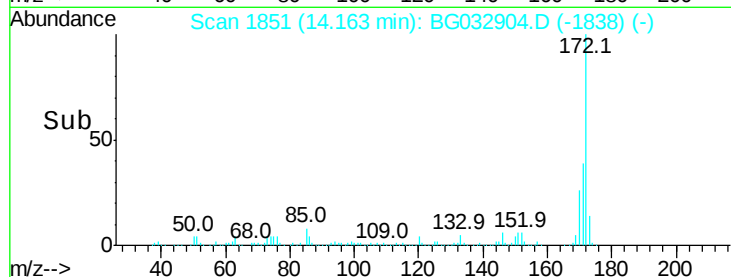
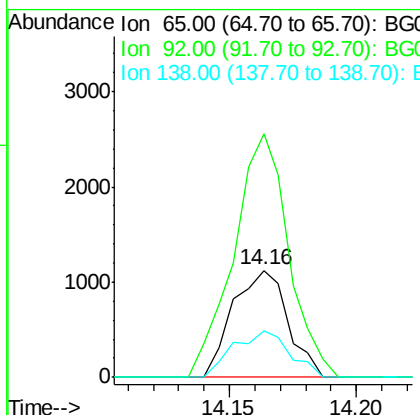
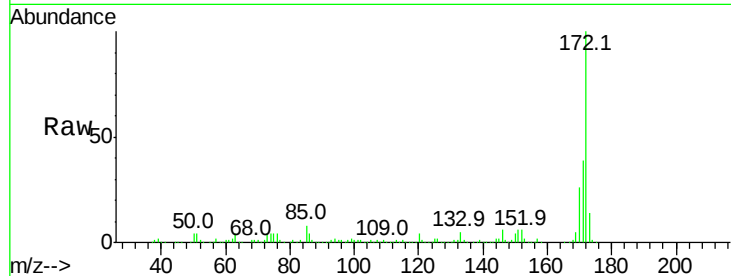




#47
2-Nitroaniline
Concen: 10.282 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.46 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

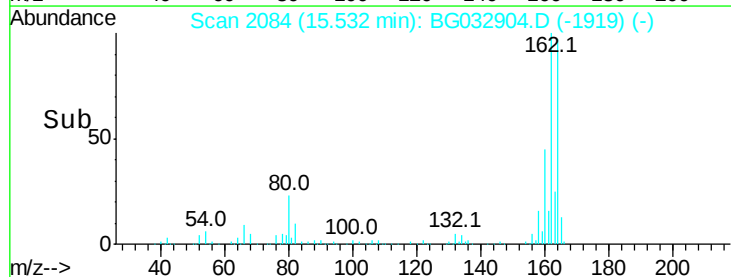
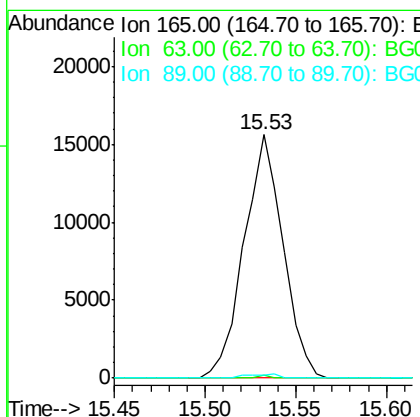
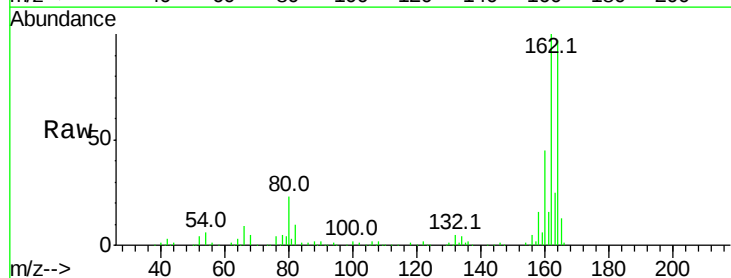
Instrument :
BNA_G
ClientSampleId :

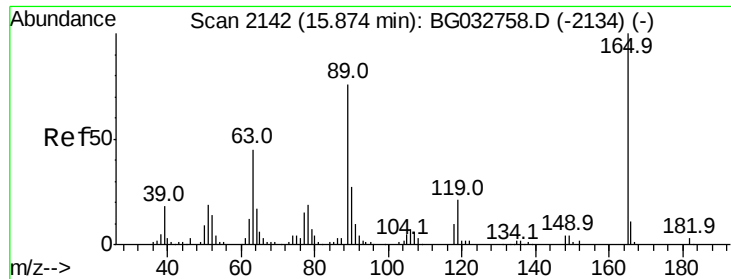
Tot Ion: 65 Resp: 1688
Ion Ratio Lower Upper
65 100
92 227.9 54.6 82.0#
138 43.9 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.292 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

Tgt Ion:165 Resp: 23299
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.3 49.2 73.8#

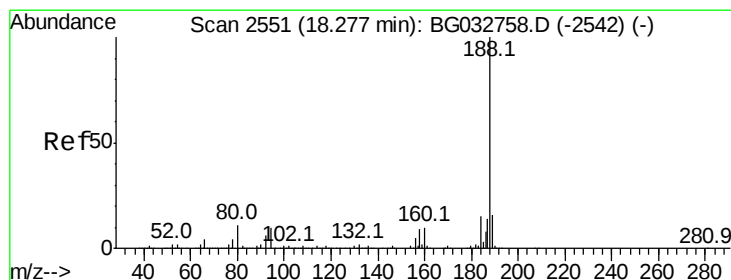
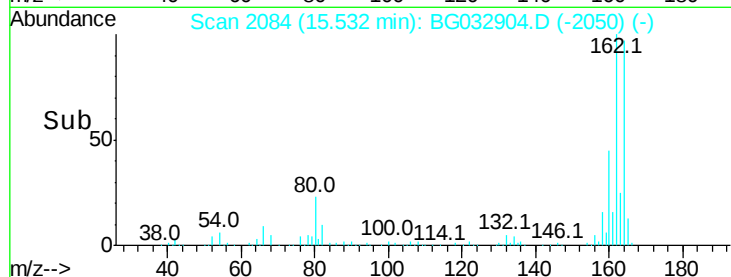
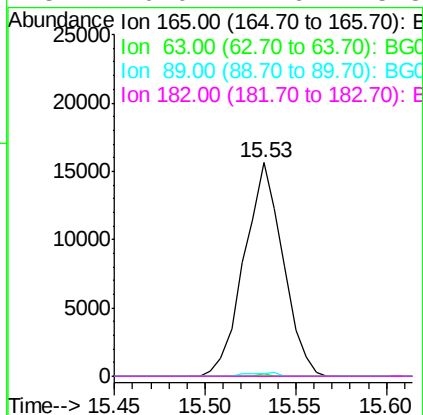
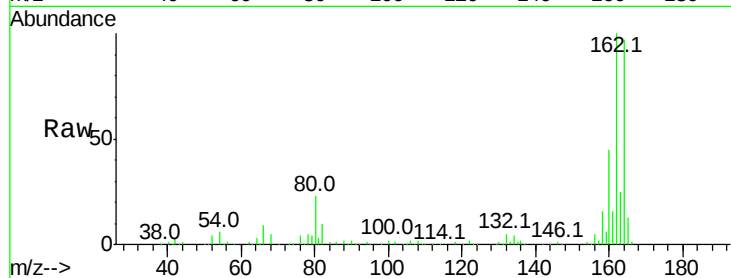




#56
 2,4-Dinitrotoluene
 Concen: 14.490 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.33 min
 Lab File: BG032904.D
 Acq: 1 Mar 2018 1:29

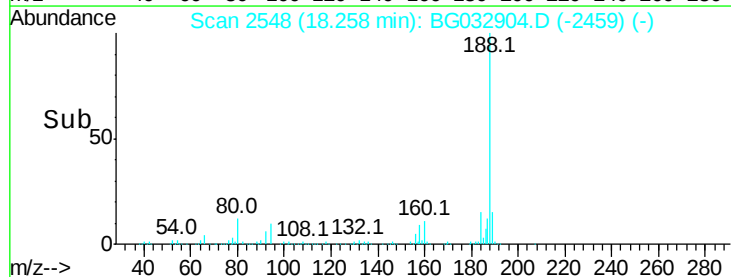
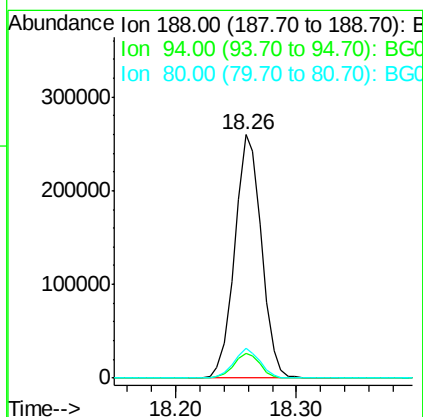
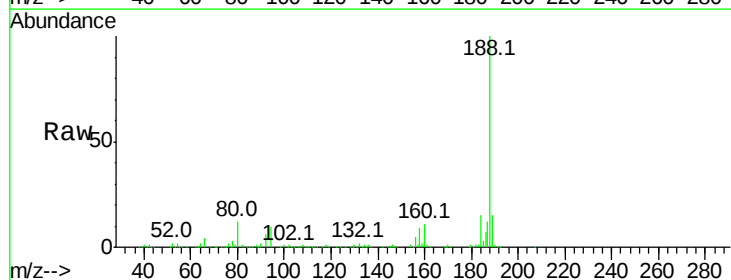
Instrument :
 BNA_G
 ClientSampled :

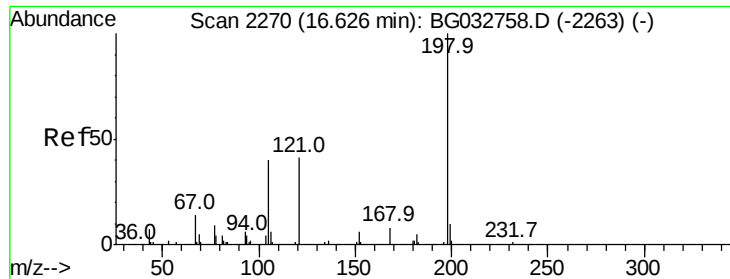
Tot Ion:165 Resp: 23299
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.0 63.0#
 89 1.3 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032904.D
 Acq: 1 Mar 2018 1:29

Tgt Ion:188 Resp: 400287
 Ion Ratio Lower Upper
 188 100
 94 10.2 6.9 10.3
 80 12.2 7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.846 ng

RT: 17.02 min Scan# 2337

Delta R.T. 0.40 min

Lab File: BG032904.D

Acq: 1 Mar 2018 1:29

Instrument :

BNA_G

ClientSampleId :

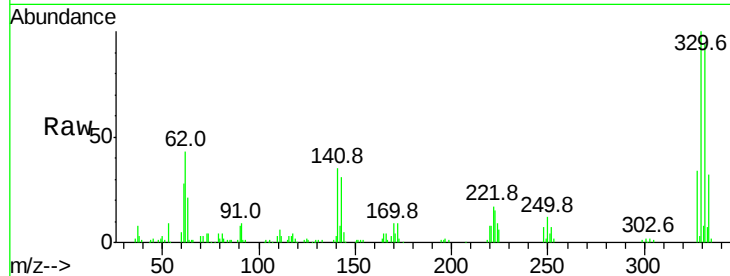
Tot Ion:198 Resp: 846

Ion Ratio Lower Upper

198 100

51 36.4 30.6 70.6

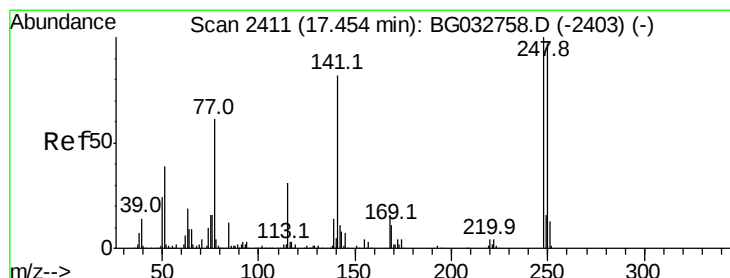
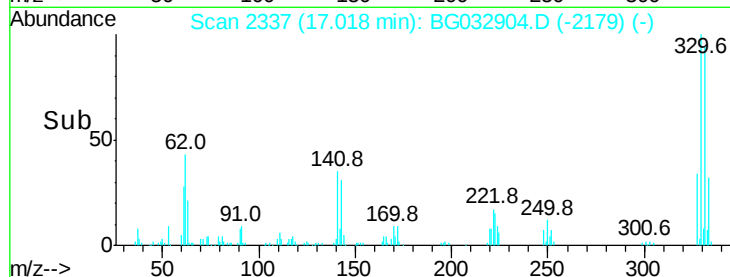
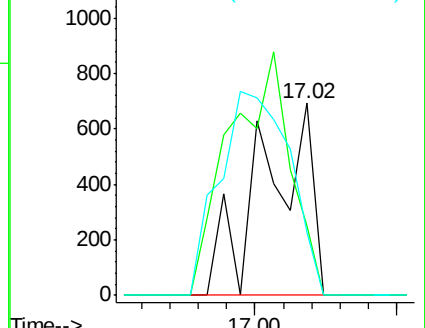
105 32.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG032758.D (-2263) (-)

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.014 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.44 min

Lab File: BG032904.D

Acq: 1 Mar 2018 1:29

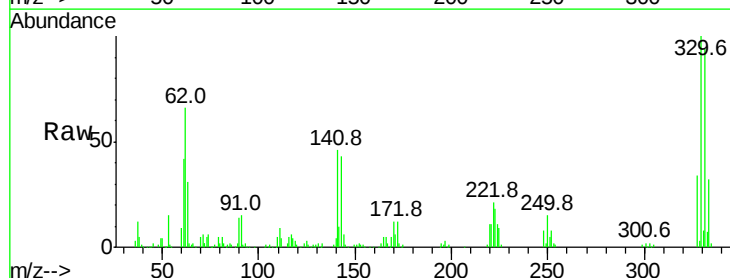
Tgt Ion:248 Resp: 16991

Ion Ratio Lower Upper

248 100

250 198.8 77.1 115.7#

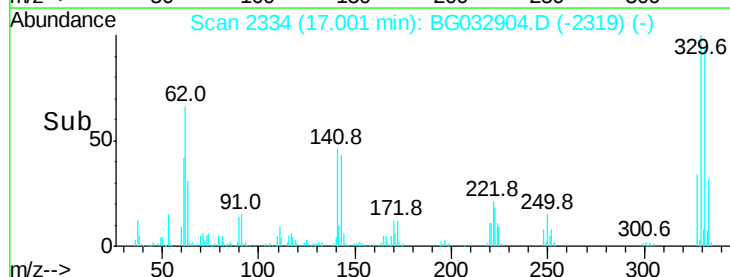
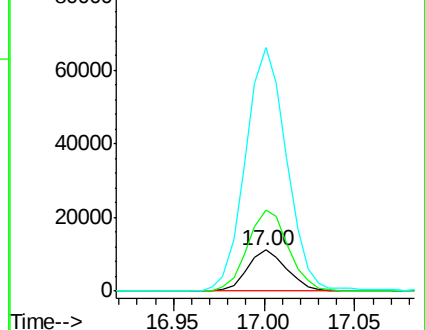
141 597.0 50.8 76.2#

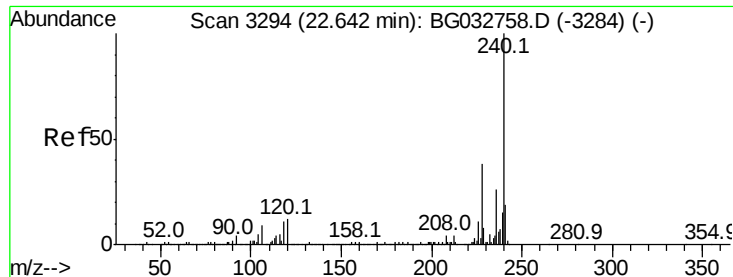


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032904.D

Acq: 1 Mar 2018 1:29

Instrument :

BNA_G

ClientSampleId :

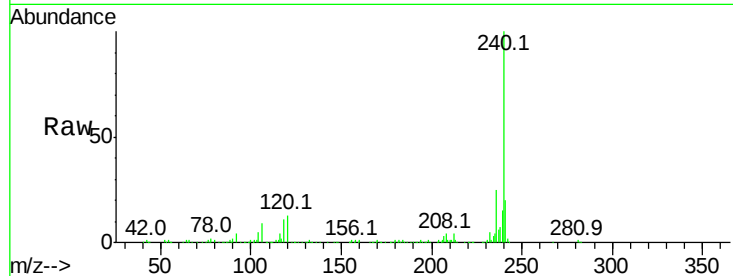
Tot Ion:240 Resp: 353486

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

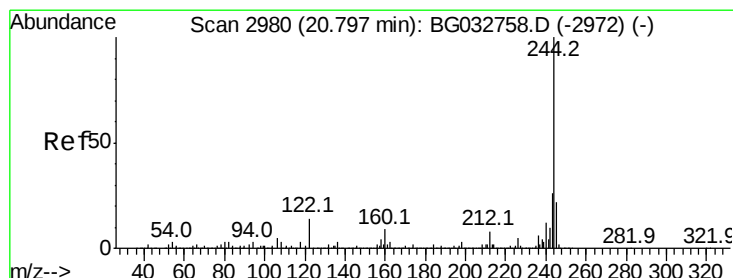
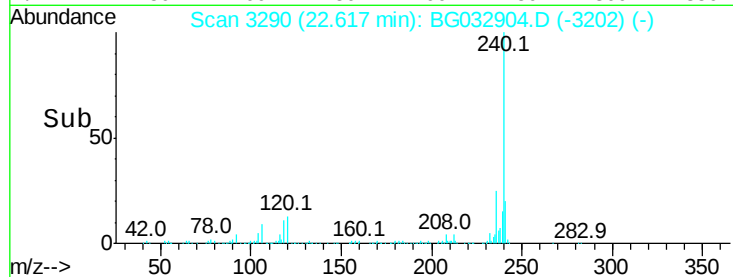
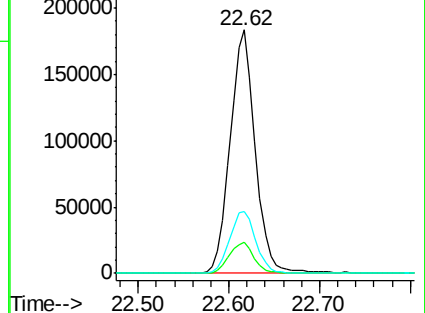
236 25.5 20.9 31.3



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



#78

Terphenyl-d14

Concen: 86.826 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG032904.D

Acq: 1 Mar 2018 1:29

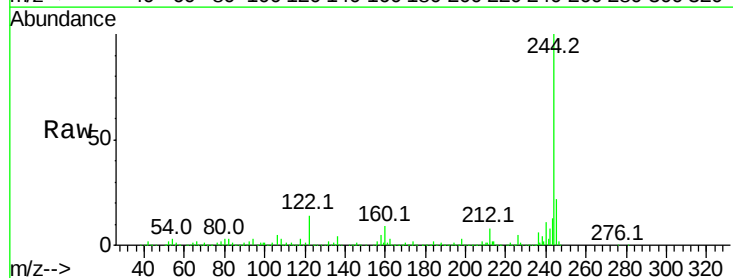
Tgt Ion:244 Resp: 1366062

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

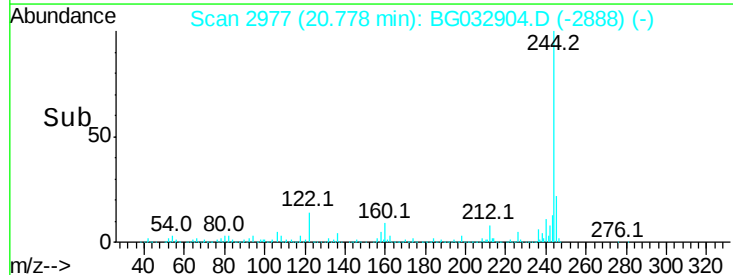
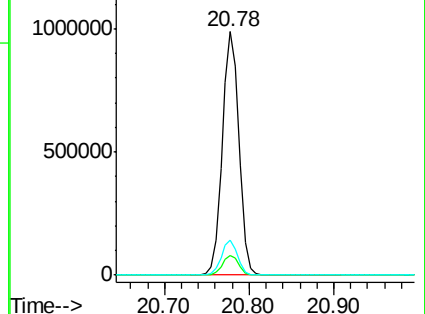
122 14.4 7.0 10.4#

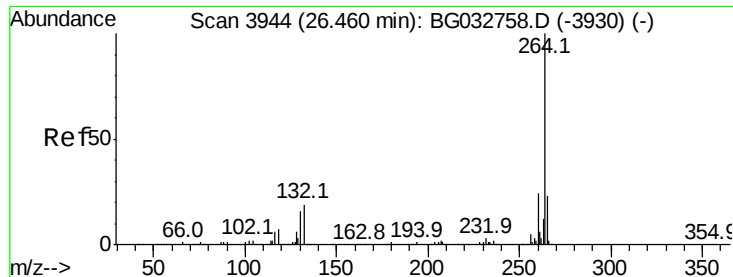


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3938
Delta R.T. -0.01 min
Lab File: BG032904.D
Acq: 1 Mar 2018 1:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	23.8	17.7	26.5

