

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033045.D
 Acq On : 8 Mar 2018 17:53
 Operator : SJ/JU
 Sample : J1828-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 01:28:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	53975	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	230446	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	129440	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	289100	20.00	ng	0.00
75) Chrysene-d12	22.61	240	260264	20.00	ng	0.00
86) Perylene-d12	26.41	264	255870	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	302120	89.55	ng	0.00
7) Phenol-d6	8.01	99	426577	90.71	ng	0.00
23) Nitrobenzene-d5	10.11	82	260893	79.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	121338	89.15	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	581471	64.79	ng	0.00
78) Terphenyl-d14	20.77	244	809890	69.91	ng	0.00

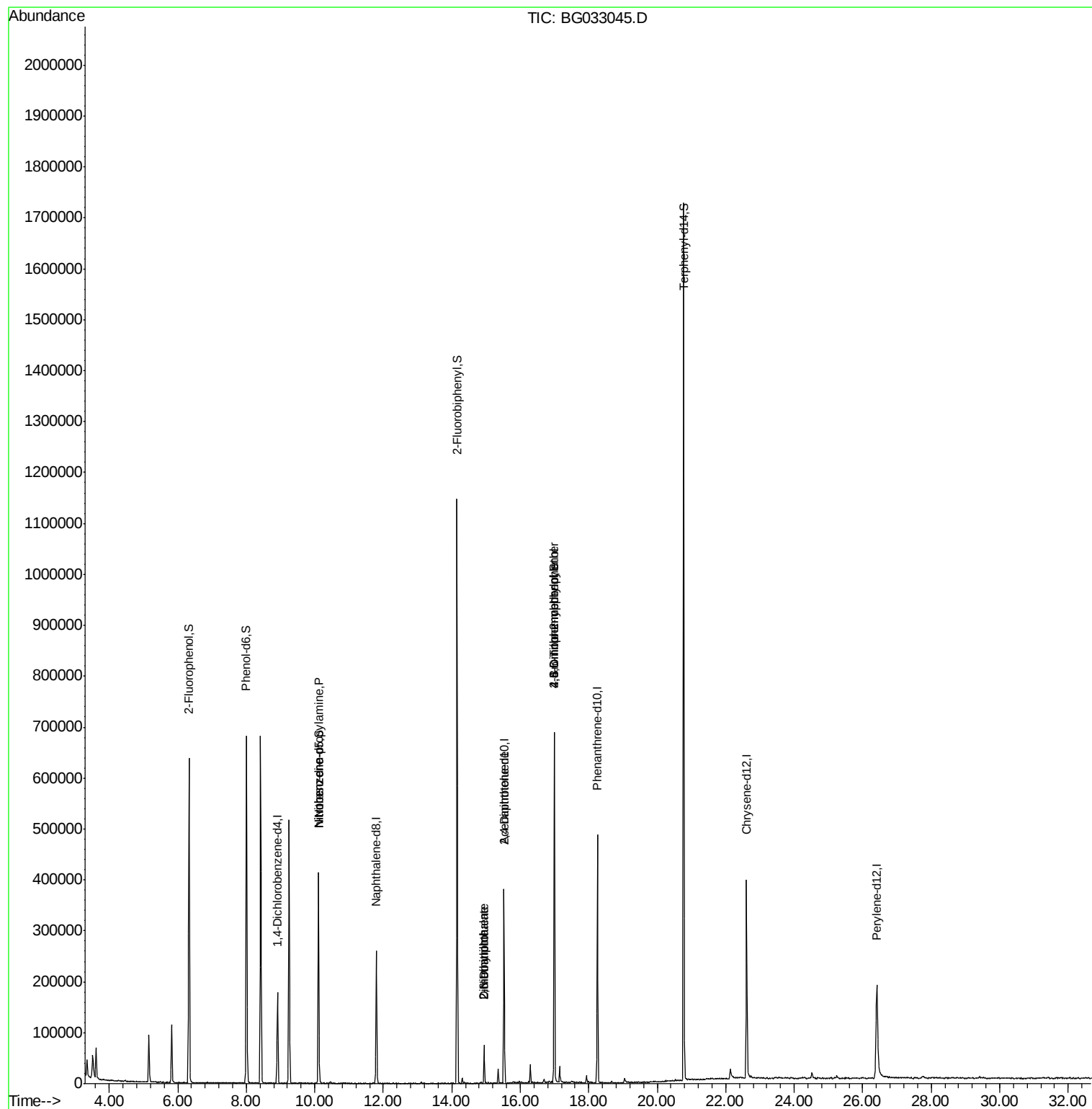
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	33909	10.214	ng	# 82
24) Nitrobenzene	10.11	77	742	6.555	ng	# 42
47) 2-Nitroaniline	14.95	65	402	9.986	ng	# 1
49) Dimethylphthalate	14.94	163	47059	4.282	ng	99
50) 2,6-Dinitrotoluene	14.95	165	519	9.131	ng	# 42
56) 2,4-Dinitrotoluene	15.53	165	16608	14.533	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	490	5.669	ng	84
66) 4-Bromophenyl-phenylether	16.99	248	8251	2.699	ng	# 1

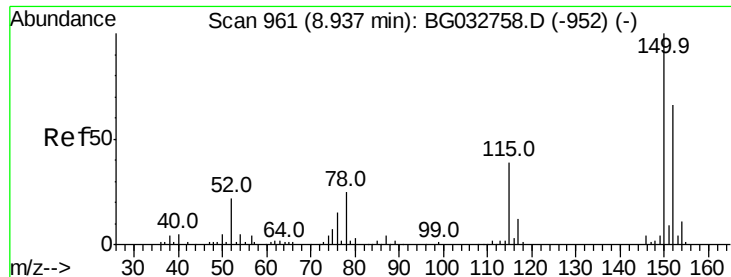
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
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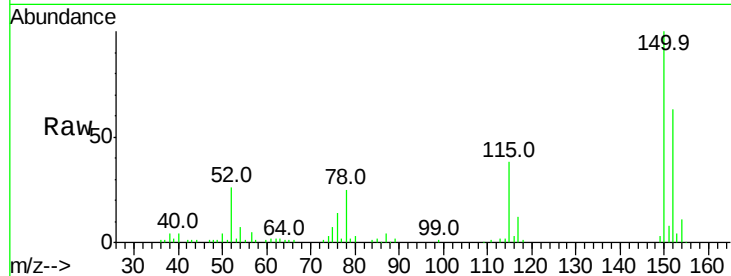


#1

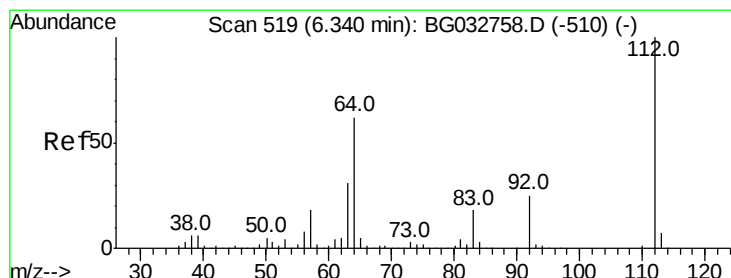
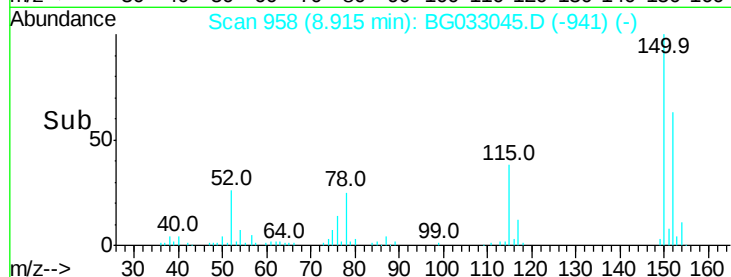
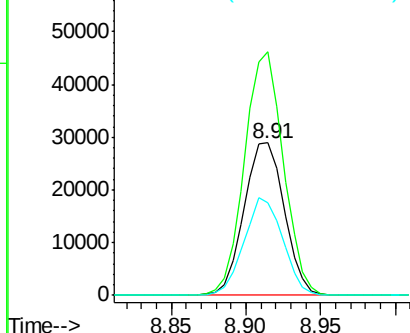
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53975
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 60.8 53.0 79.4



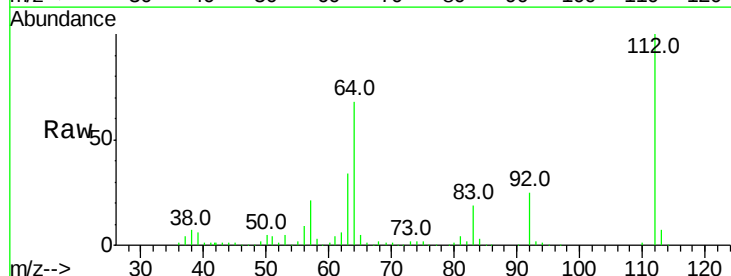
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



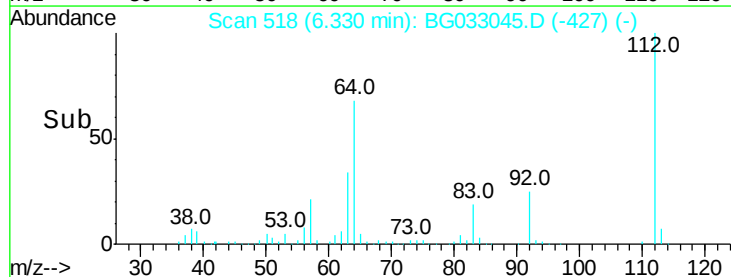
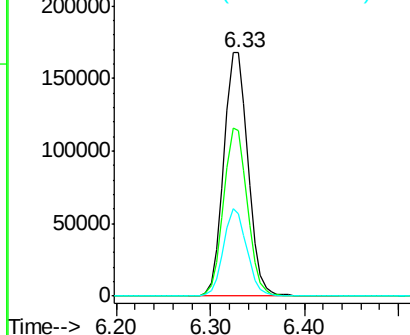
#5

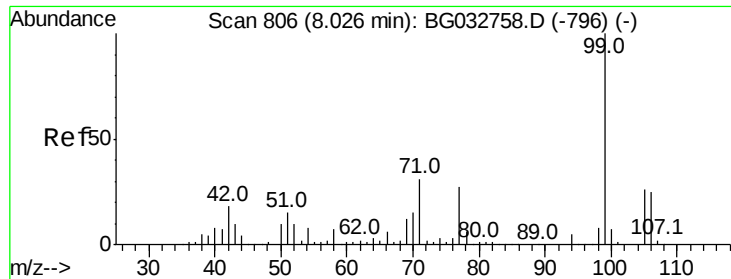
2-Fluorophenol
Concen: 89.550 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Tgt Ion:112 Resp: 302120
Ion Ratio Lower Upper
112 100
64 67.8 56.3 84.5
63 34.0 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: 90.712 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

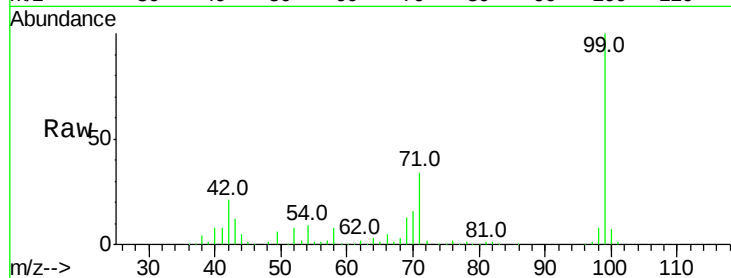
Tot Ion: 99 Resp: 426577

Ion Ratio Lower Upper

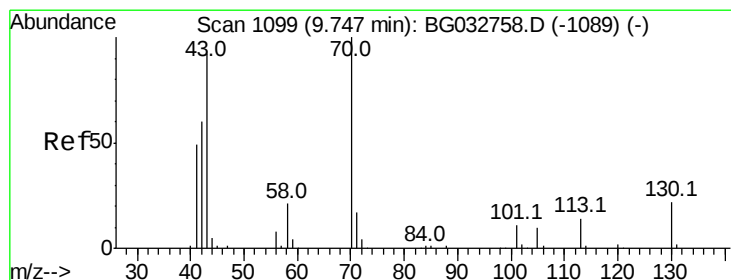
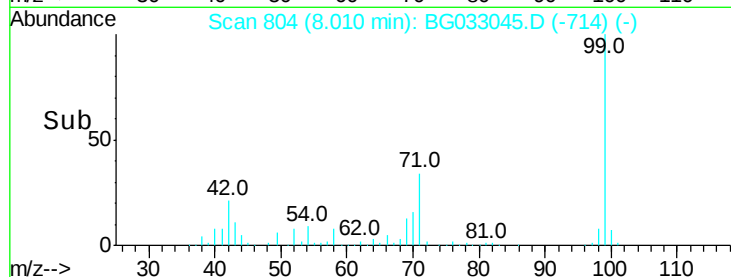
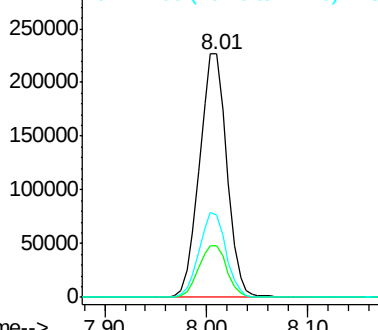
99 100

42 21.0 14.1 21.1

71 34.0 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: 10.214 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Tgt Ion: 70 Resp: 33909

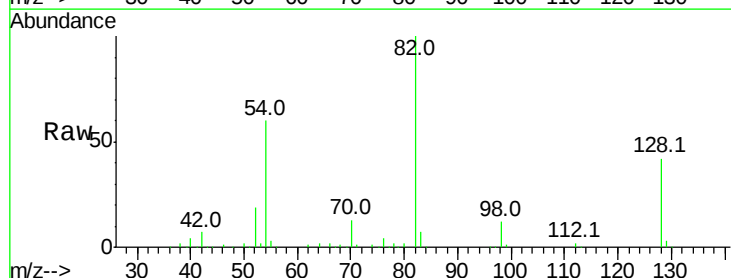
Ion Ratio Lower Upper

70 100

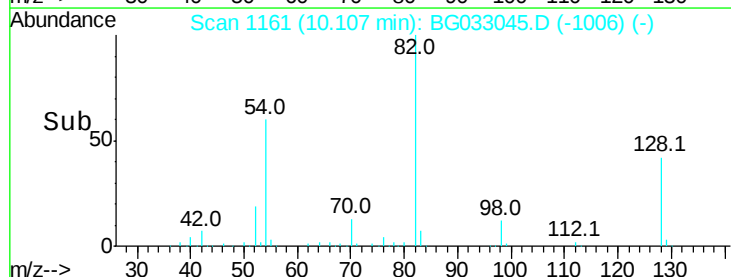
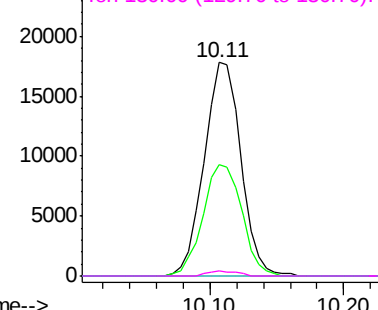
42 52.3 49.1 73.7

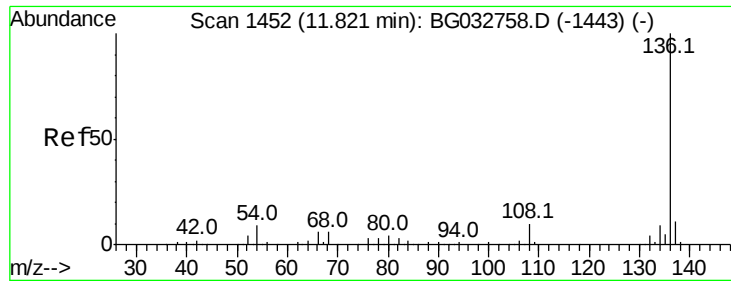
101 0.0 8.5 12.7#

130 2.1 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

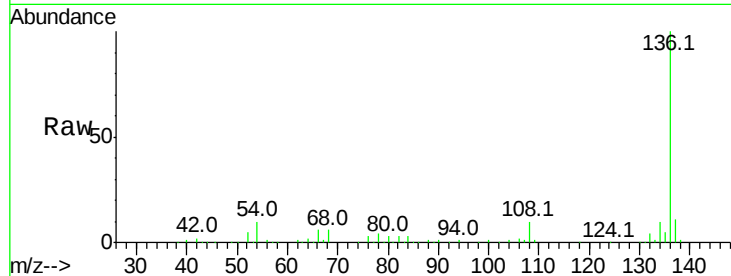




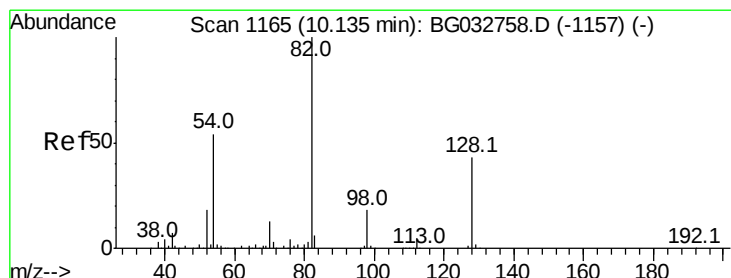
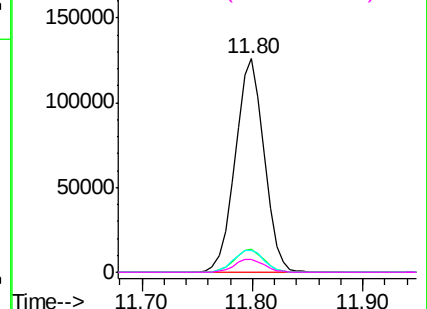
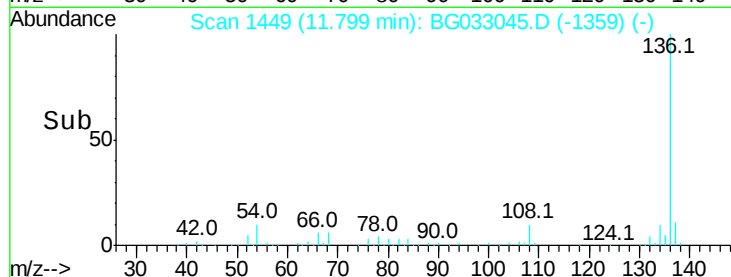
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	10.2	10.3	15.5
68	5.9	4.5	6.7

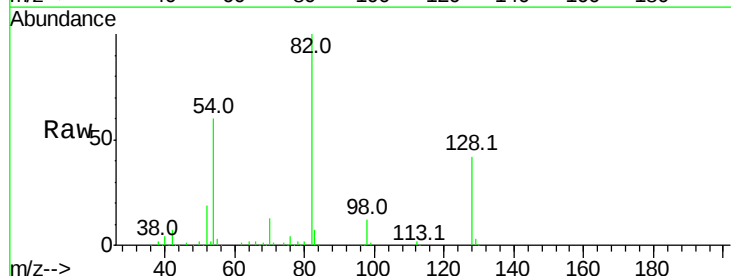


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

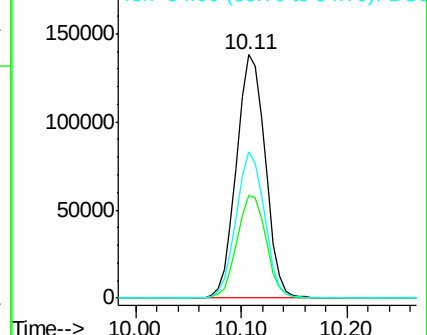
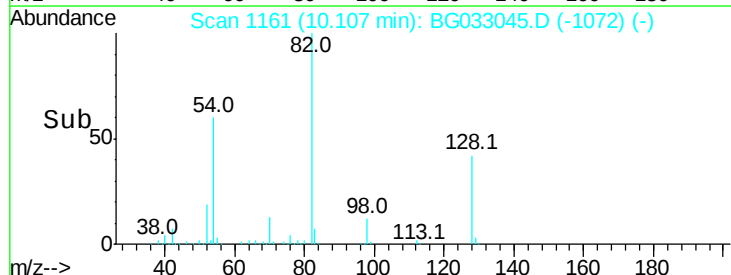


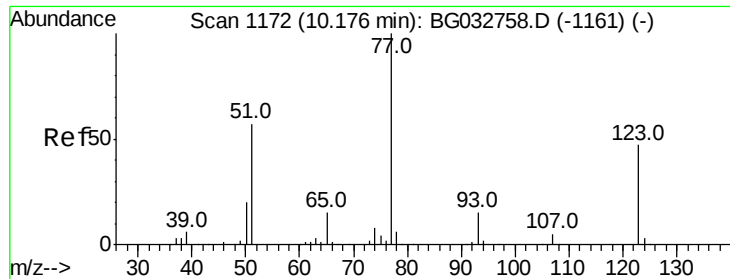
#23
Nitrobenzene-d5
Concen: 79.314 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	59.9	43.1	64.7



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

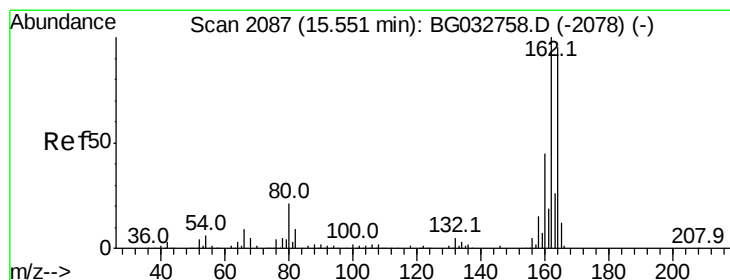
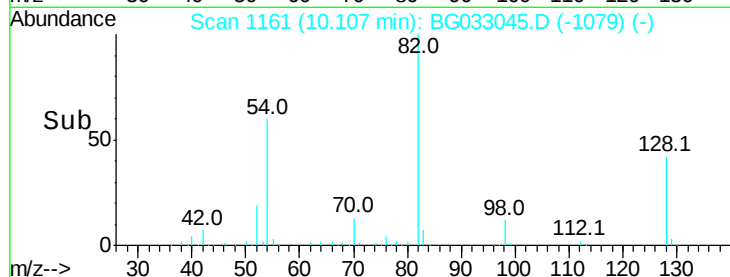
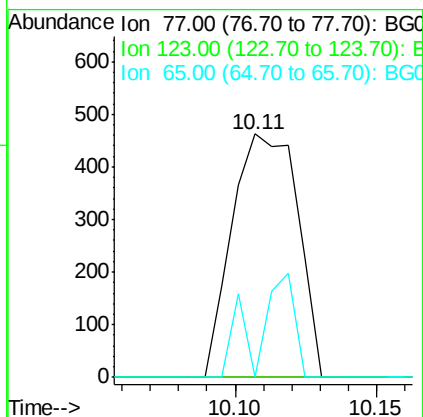
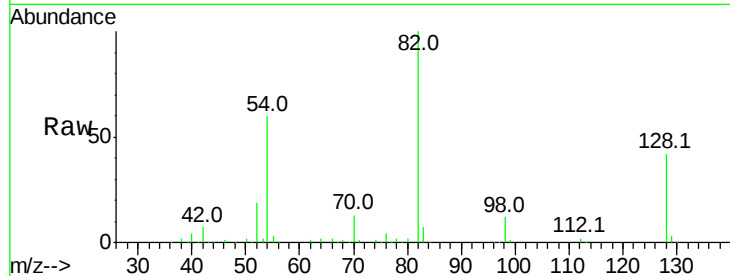




#24
 Nitrobenzene
 Concen: 6.555 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.05 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

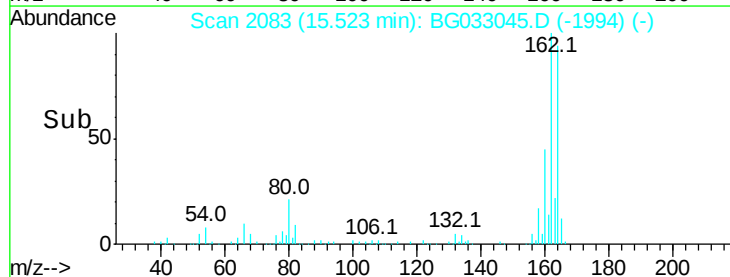
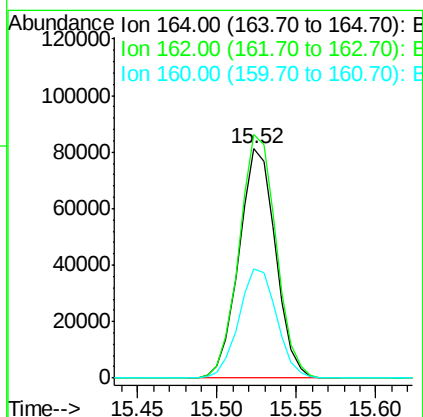
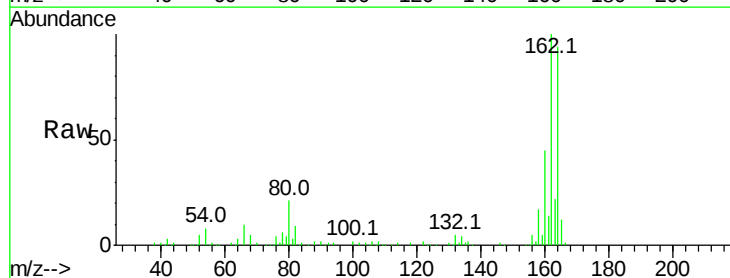
Instrument :
 BNA_G
 ClientSampled :

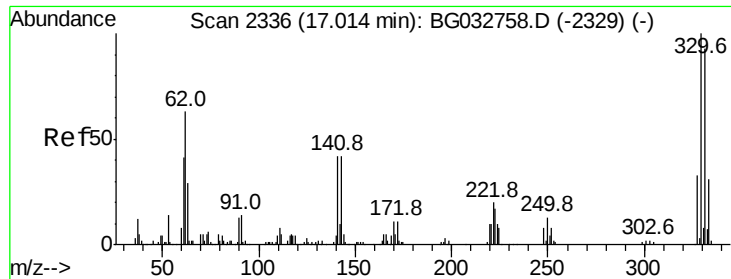
Tot Ion: 77 Resp: 742
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Tgt Ion:164 Resp: 129440
 Ion Ratio Lower Upper
 164 100
 162 106.2 78.8 118.2
 160 47.8 35.4 53.0

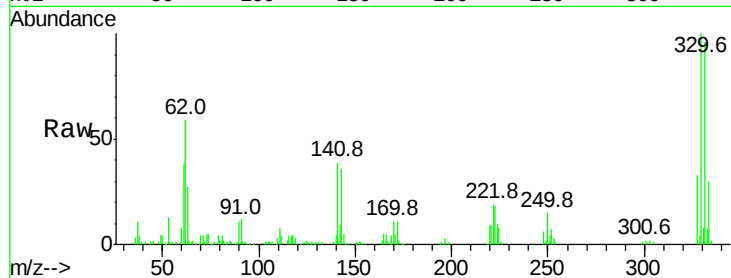




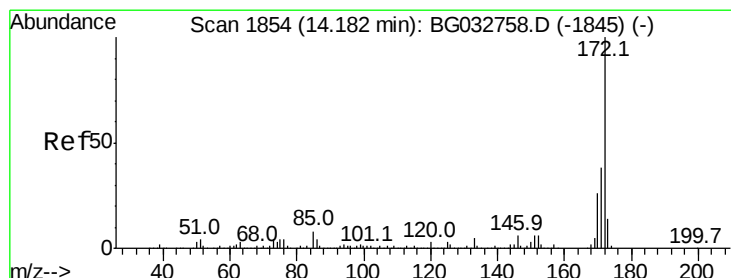
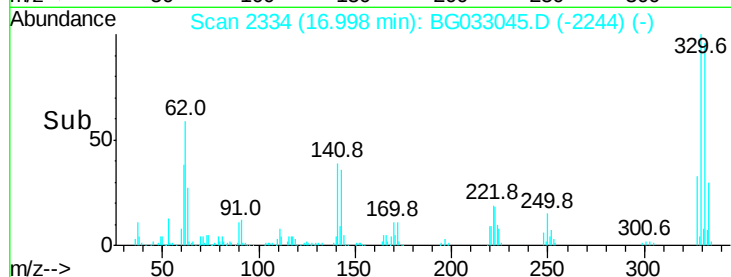
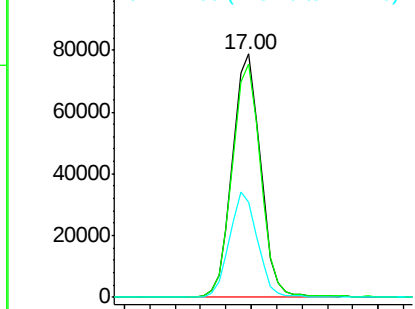
#41
 2,4,6-Tribromophenol
 Concen: 89.152 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 121338
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 42.7 25.2 37.8#

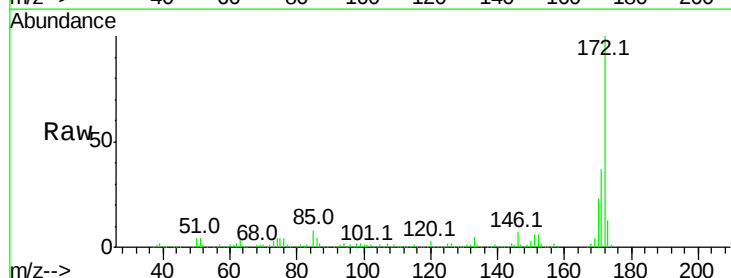


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

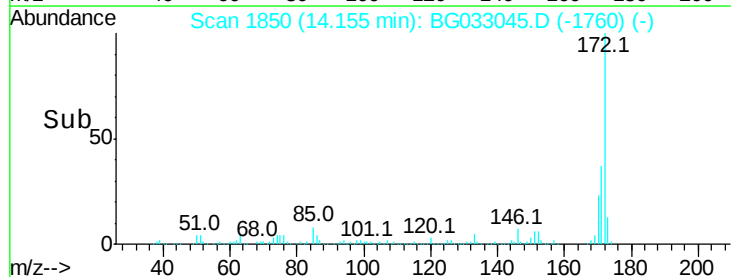
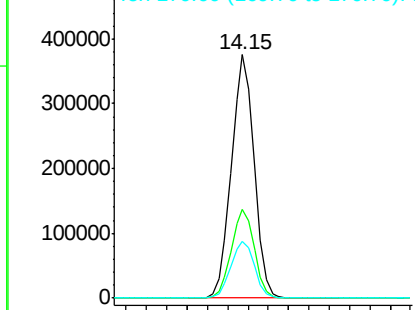


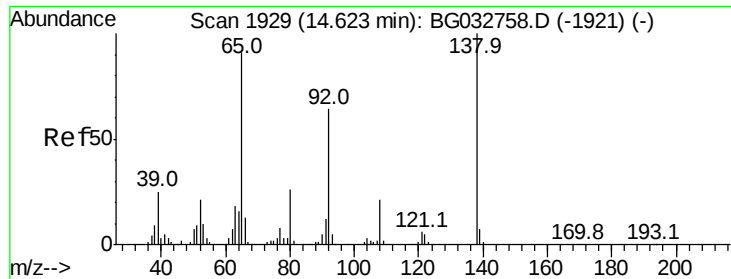
#44
 2-Fluorobiphenyl
 Concen: 64.789 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Tgt Ion:172 Resp: 581471
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 23.4 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: 9.986 ng

RT: 14.95 min Scan# 1985

Delta R.T. 0.34 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

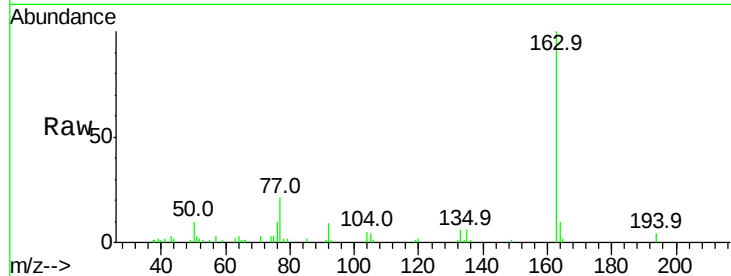
Tot Ion: 65 Resp: 402

Ion Ratio Lower Upper

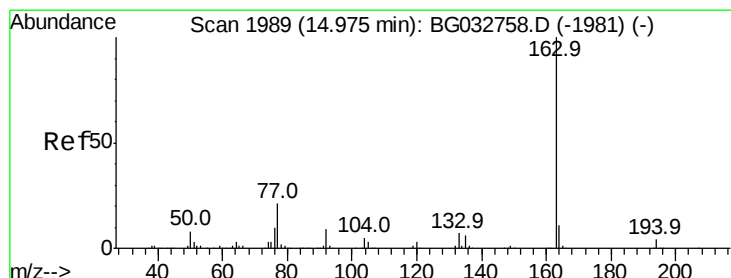
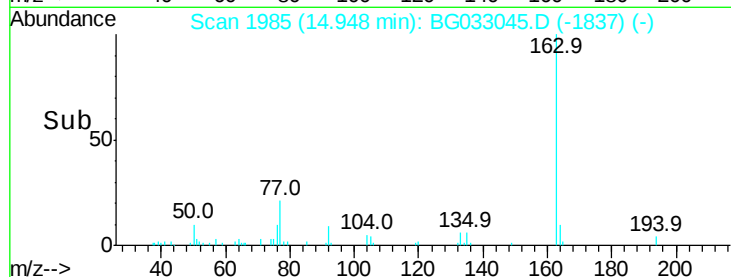
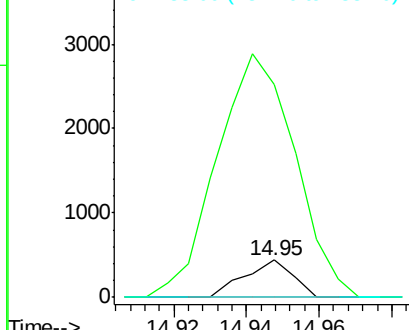
65 100

92 573.4 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Dimethylphthalate

Concen: 4.282 ng

RT: 14.94 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

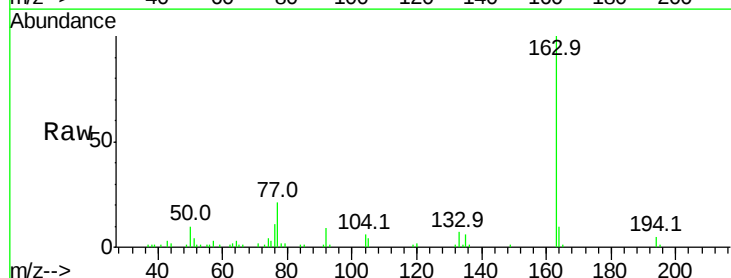
Tgt Ion:163 Resp: 47059

Ion Ratio Lower Upper

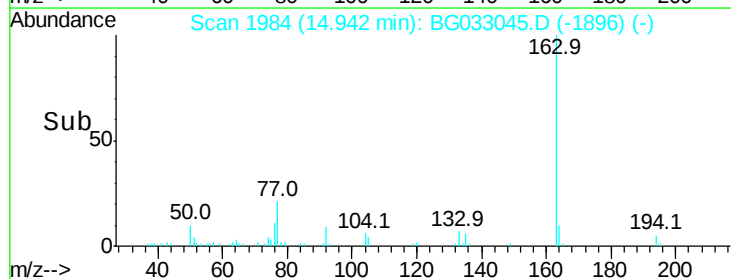
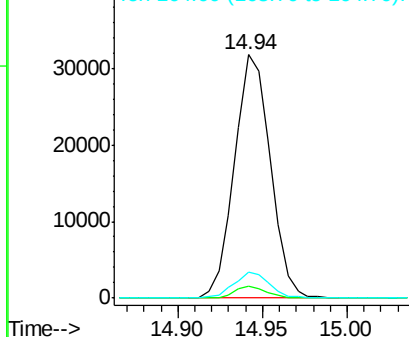
163 100

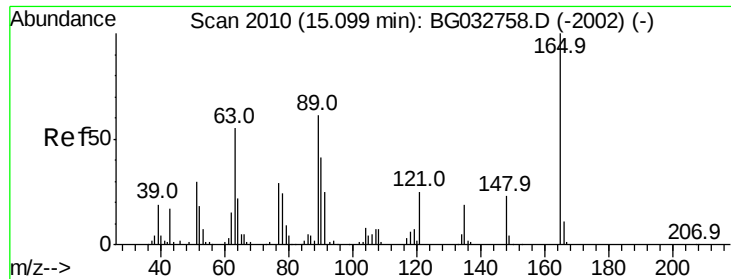
194 5.0 3.4 5.2

164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

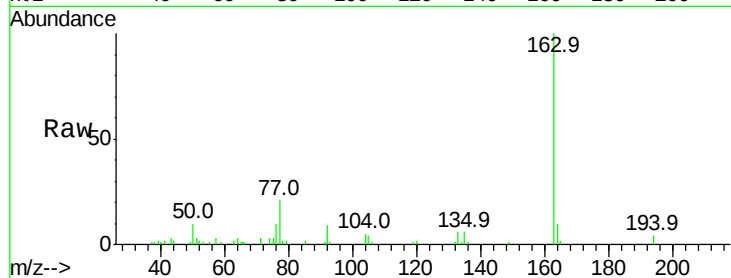




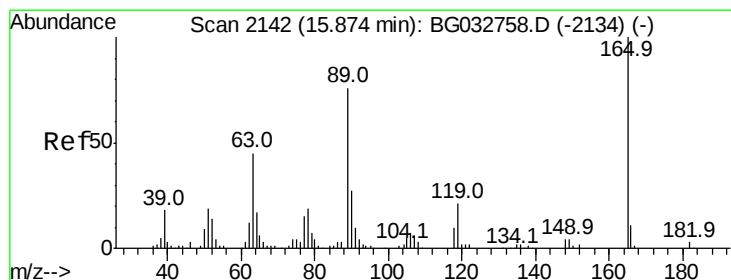
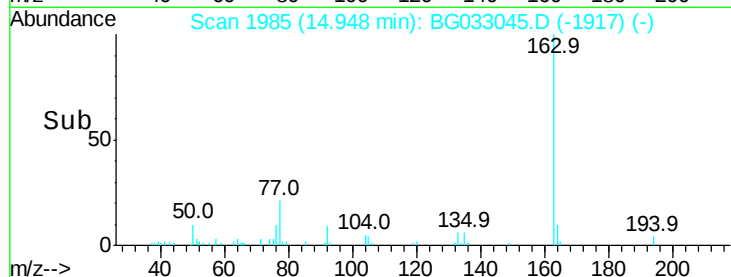
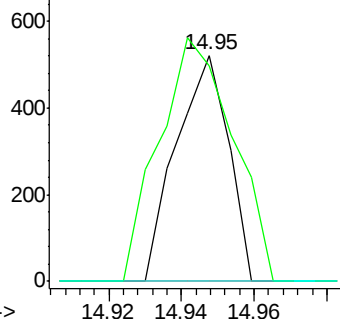
#50
 2,6-Dinitrotoluene
 Concen: 9.131 ng
 RT: 14.95 min Scan# 1985
 Delta R.T. -0.13 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 519
 Ion Ratio Lower Upper
 165 100
 63 95.2 52.7 79.1#
 89 0.0 49.2 73.8#

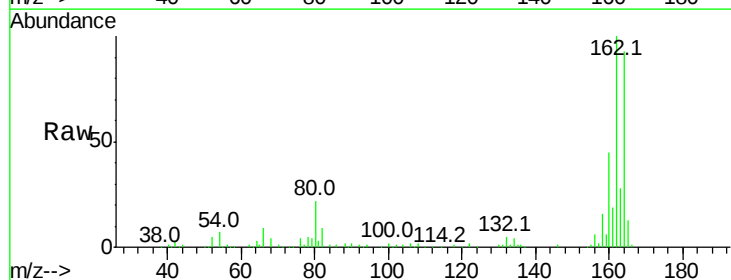


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

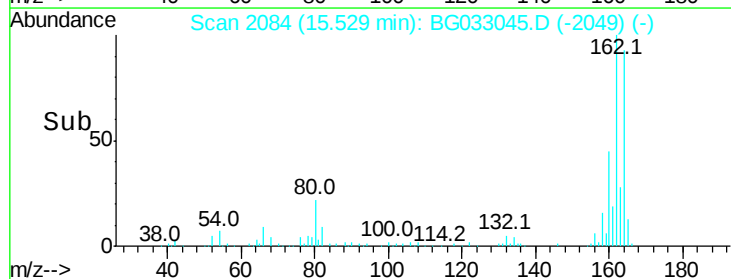
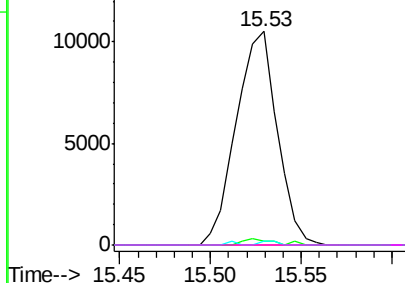


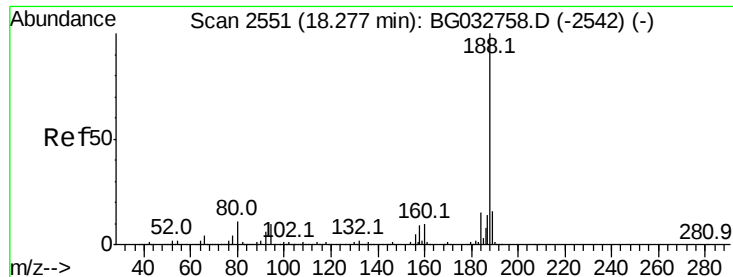
#56
 2,4-Dinitrotoluene
 Concen: 14.533 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.32 min
 Lab File: BG033045.D
 Acq: 8 Mar 2018 17:53

Tgt Ion:165 Resp: 16608
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#



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

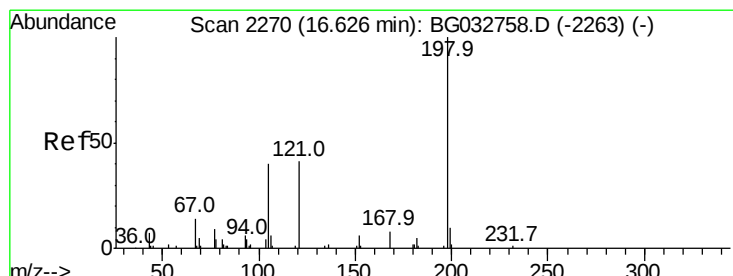
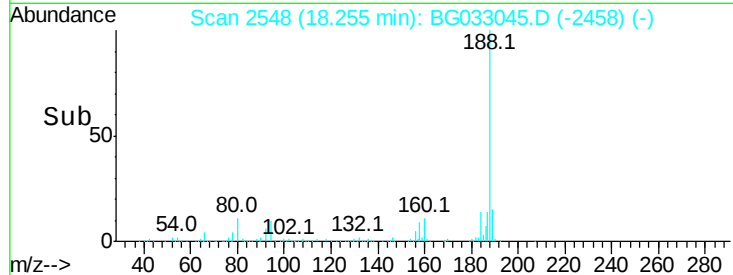
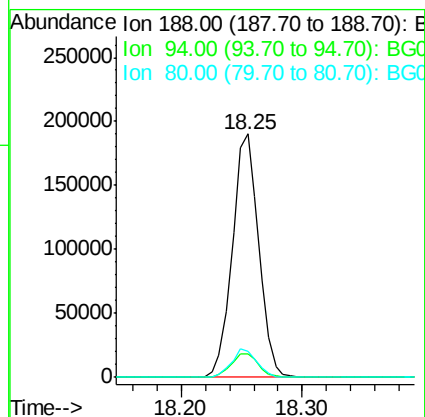
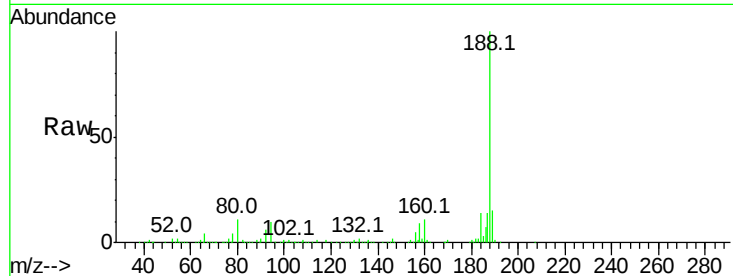




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

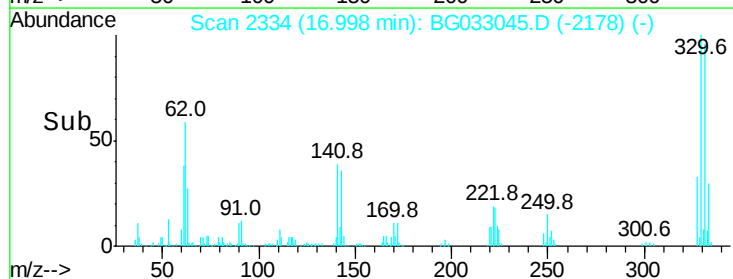
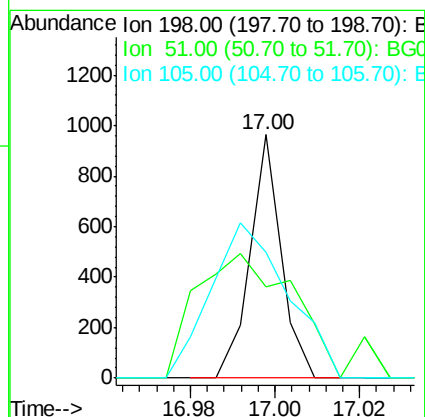
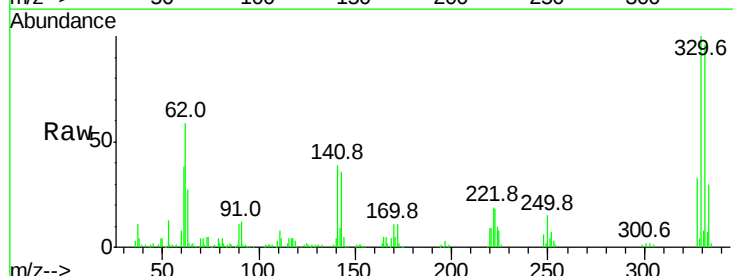
Instrument :
BNA_G
ClientSampleId :

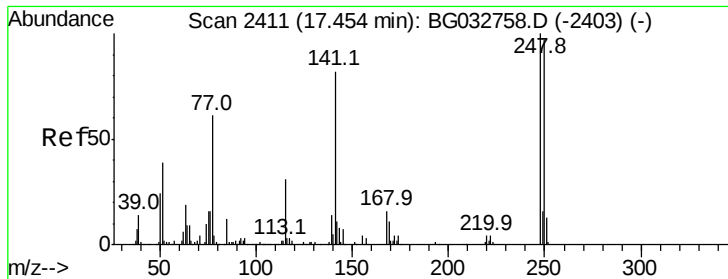
Tot Ion:188 Resp: 289100
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.9 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.669 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.39 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Tgt Ion:198 Resp: 490
Ion Ratio Lower Upper
198 100
51 37.7 30.6 70.6
105 51.9 23.8 63.8

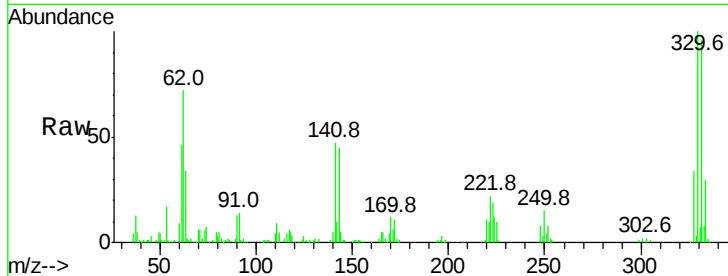




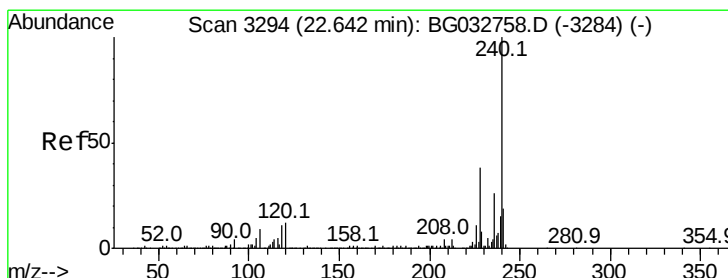
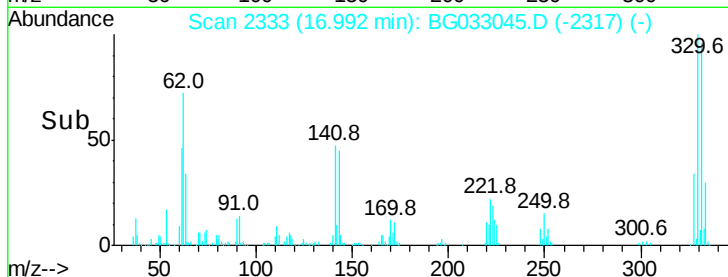
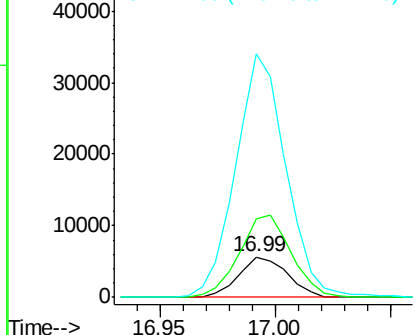
#66
4-Bromophenyl-phenylether
Concen: 2.699 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 8251
Ion Ratio Lower Upper
248 100
250 193.2 77.1 115.7#
141 598.1 50.8 76.2#

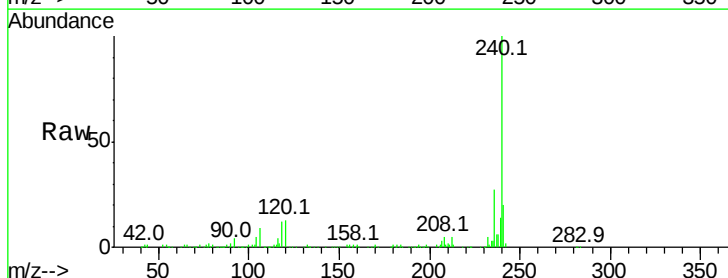


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

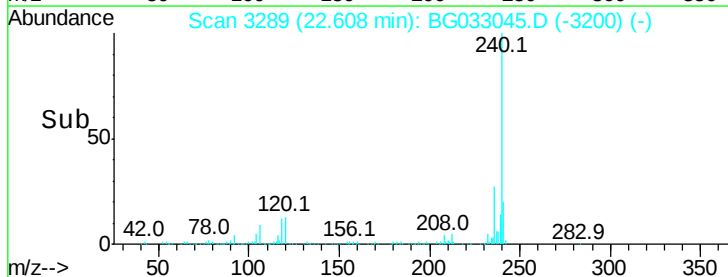
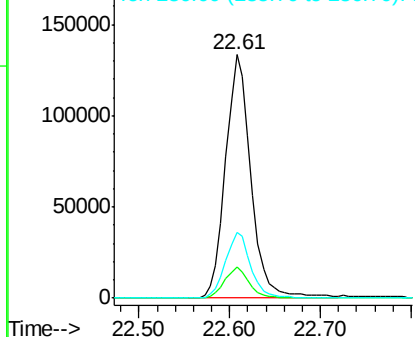


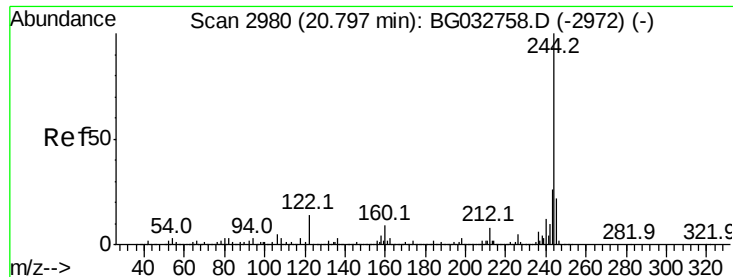
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033045.D
Acq: 8 Mar 2018 17:53

Tgt Ion:240 Resp: 260264
Ion Ratio Lower Upper
240 100
120 12.9 6.8 10.2#
236 26.7 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: 69.914 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

Instrument :

BNA_G

ClientSampleId :

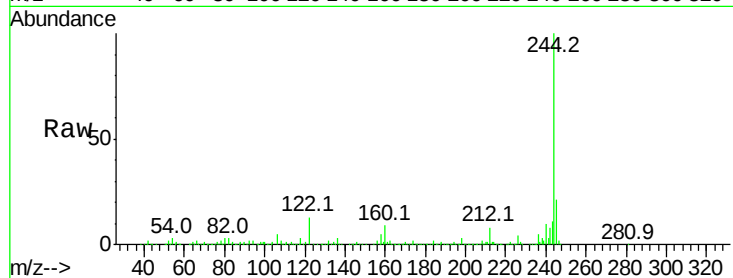
Tot Ion:244 Resp: 809890

Ion Ratio Lower Upper

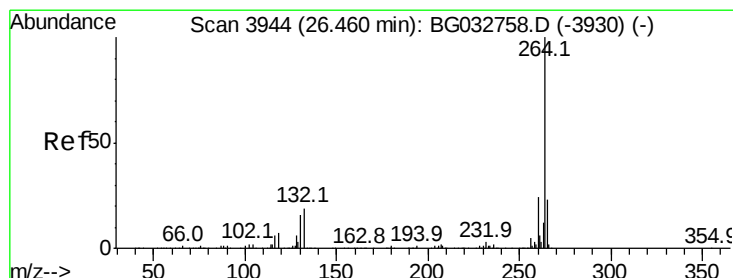
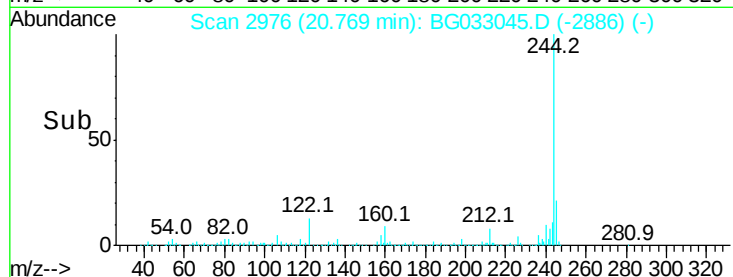
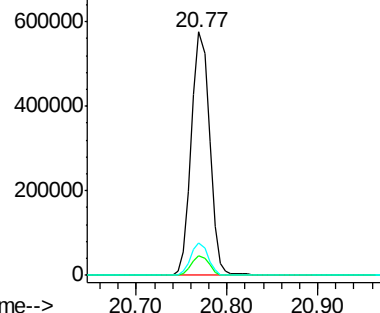
244 100

212 7.9 5.8 8.8

122 13.1 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

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3937

Delta R.T. 0.01 min

Lab File: BG033045.D

Acq: 8 Mar 2018 17:53

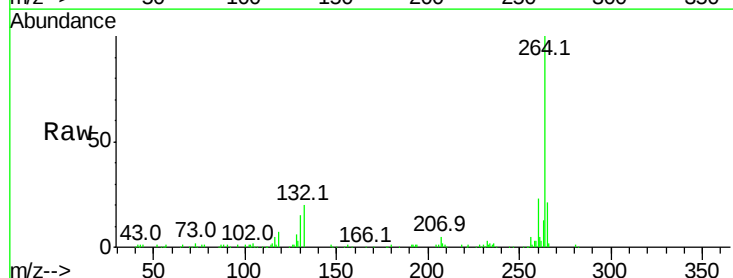
Tgt Ion:264 Resp: 255870

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

