

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033047.D
 Acq On : 8 Mar 2018 19:08
 Operator : SJ/JU
 Sample : J1760-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 01:28:58 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	54728	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	236561	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	133591	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	297823	20.00	ng	0.00
75) Chrysene-d12	22.61	240	272626	20.00	ng	0.00
86) Perylene-d12	26.40	264	258127	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	466216	136.29	ng	0.00
7) Phenol-d6	8.00	99	558220	117.07	ng	0.00
23) Nitrobenzene-d5	10.11	82	422670	119.44	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	220300	156.83	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	872938	94.24	ng	0.00
78) Terphenyl-d14	20.77	244	1271816	104.81	ng	0.00

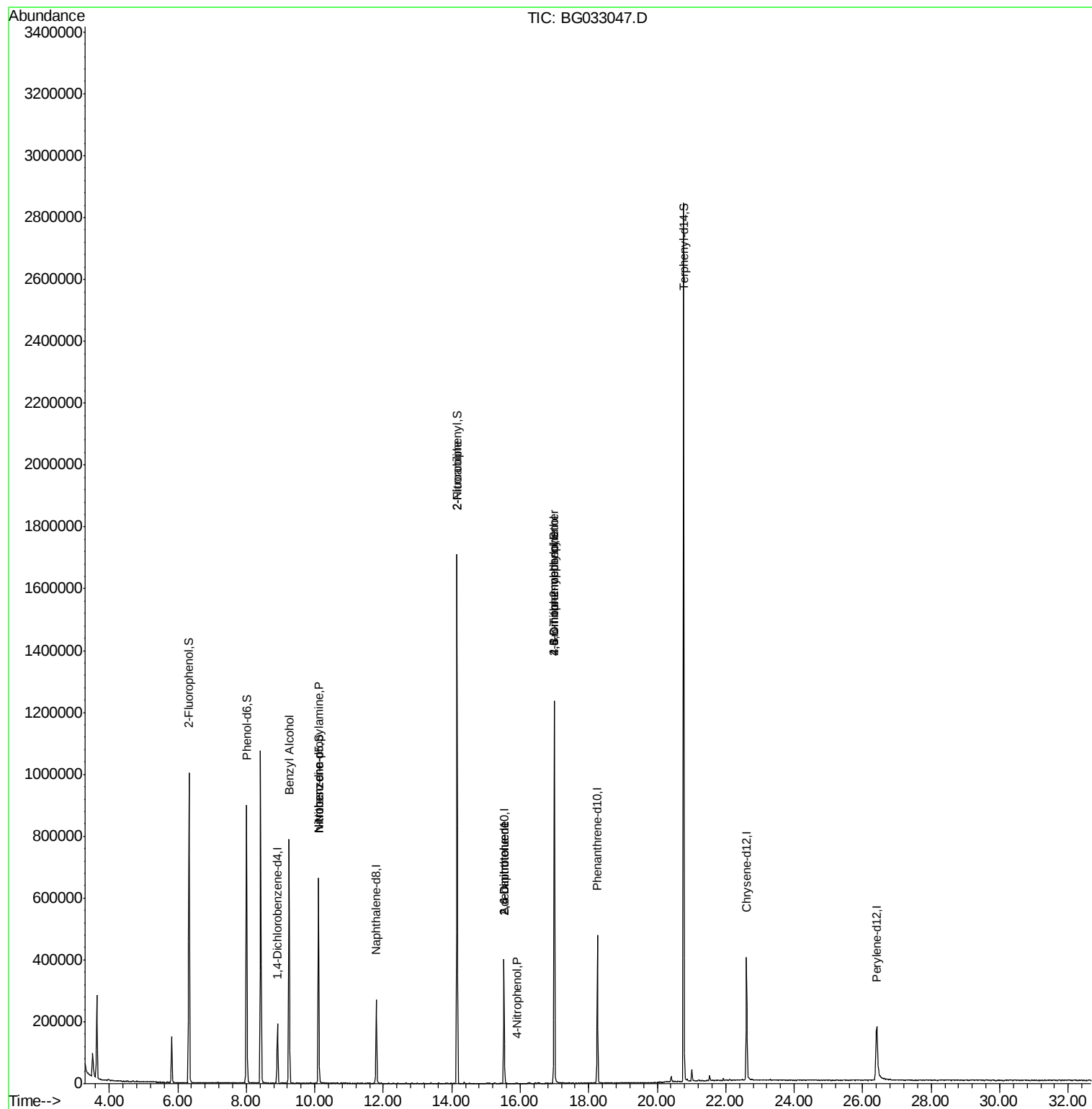
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.24	79	7120	2.031	ng	# 44
19) n-Nitroso-di-n-propylamine	10.11	70	54429	16.169	ng	# 84
24) Nitrobenzene	10.11	77	1185	6.653	ng	# 47
47) 2-Nitroaniline	14.16	65	1485	10.373	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	17363	16.432	ng	# 19
55) 4-Nitrophenol	15.92	139	124	7.141	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	17363	14.630	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.00	198	482	5.637	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	15711	4.989	ng	# 1

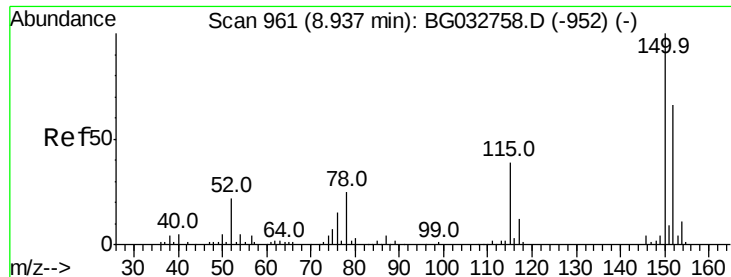
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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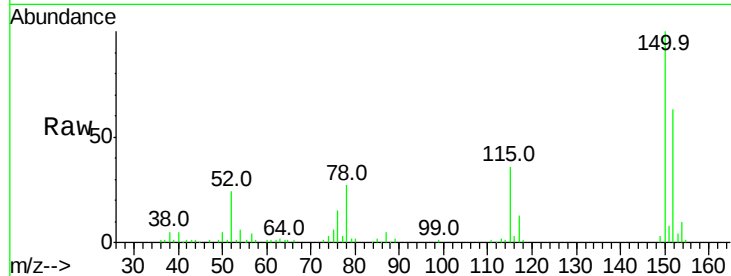


#1

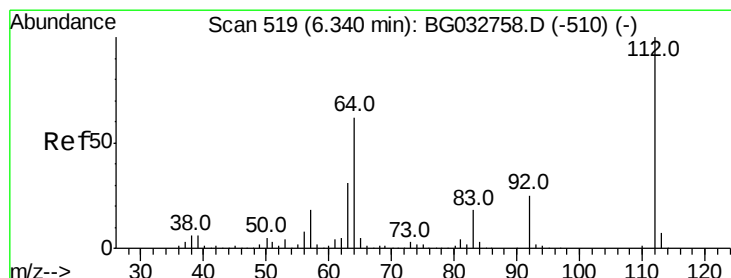
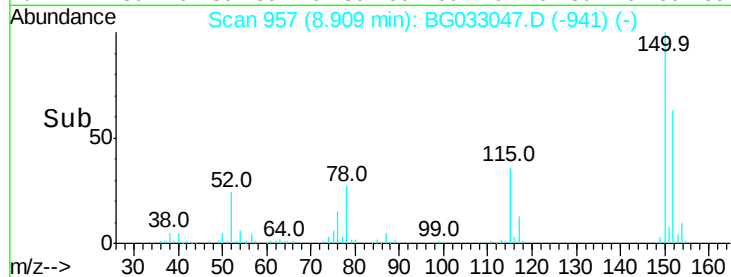
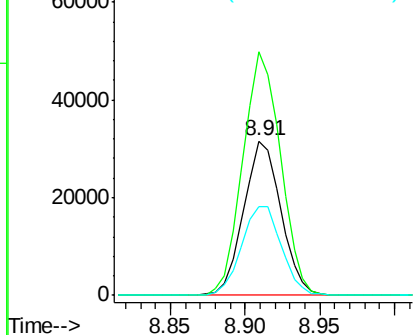
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54728
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 57.0 53.0 79.4



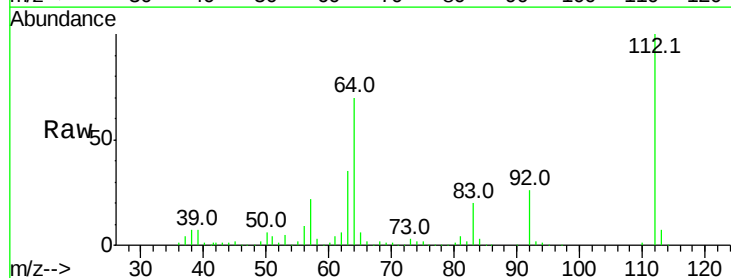
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



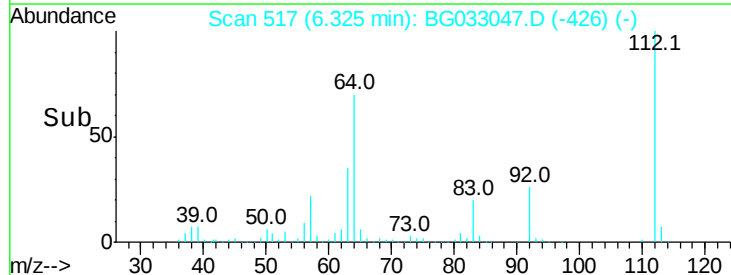
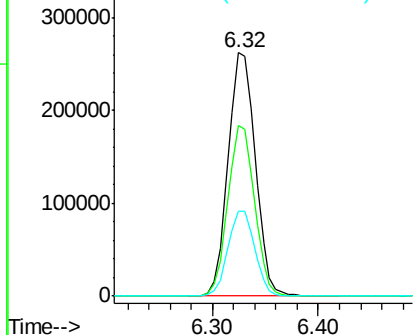
#5

2-Fluorophenol
Concen: 136.288 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Tgt Ion:112 Resp: 466216
Ion Ratio Lower Upper
112 100
64 70.0 56.3 84.5
63 35.0 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: 117.073 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033047.D

Acq: 8 Mar 2018 19:08

Instrument :

BNA_G

ClientSampleId :

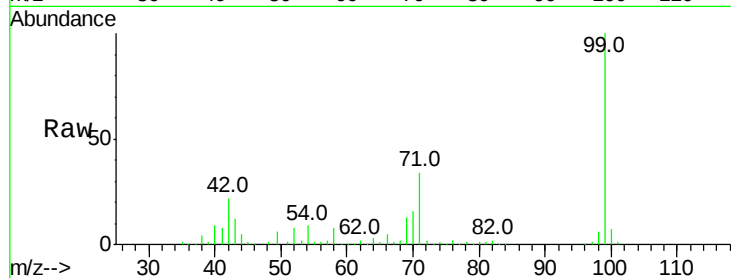
Tot Ion: 99 Resp: 558220

Ion Ratio Lower Upper

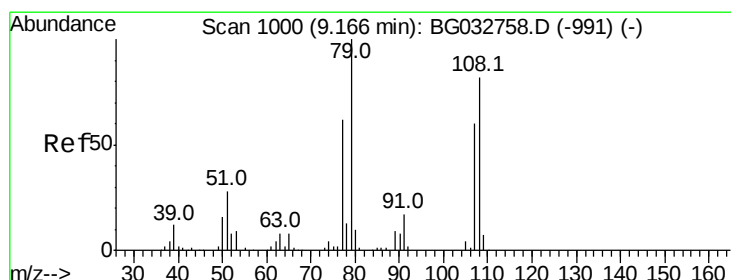
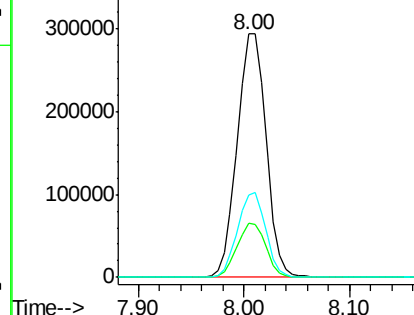
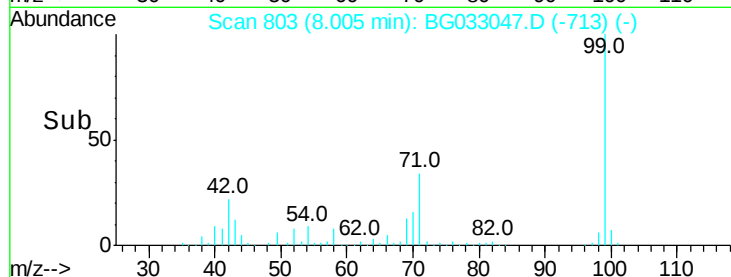
99 100

42 22.5 14.1 21.1#

71 33.8 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



#15

Benzyl Alcohol

Concen: 2.031 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BG033047.D

Acq: 8 Mar 2018 19:08

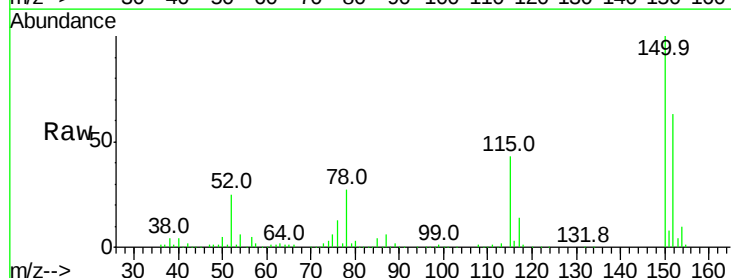
Tgt Ion: 79 Resp: 7120

Ion Ratio Lower Upper

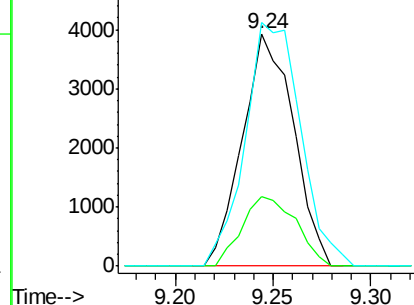
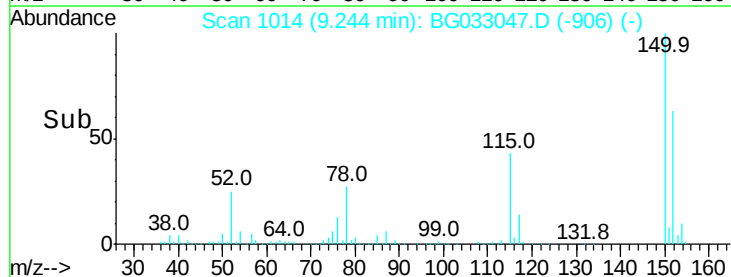
79 100

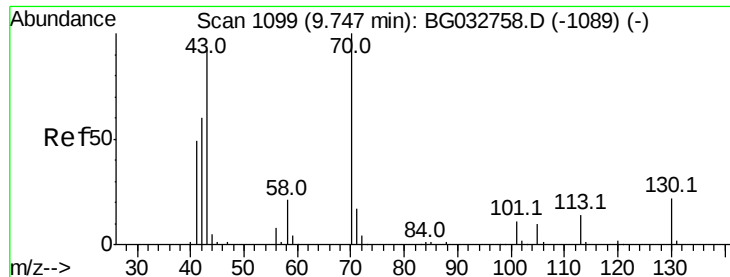
108 29.8 57.2 85.8#

77 104.9 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

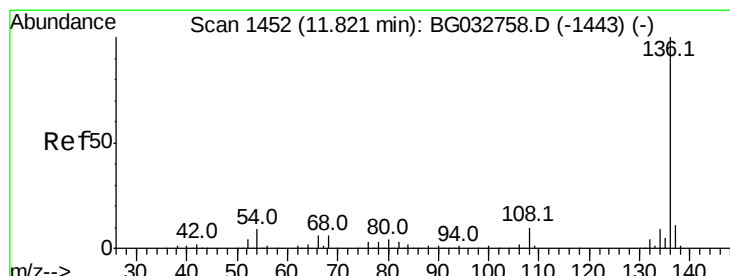
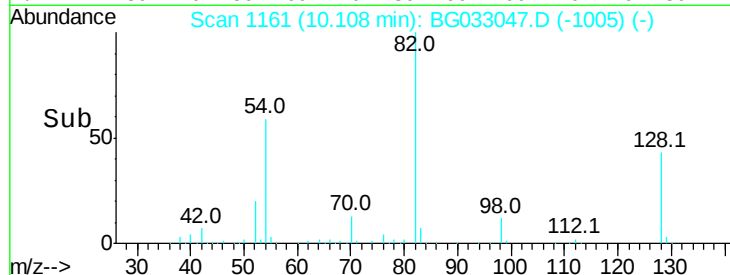
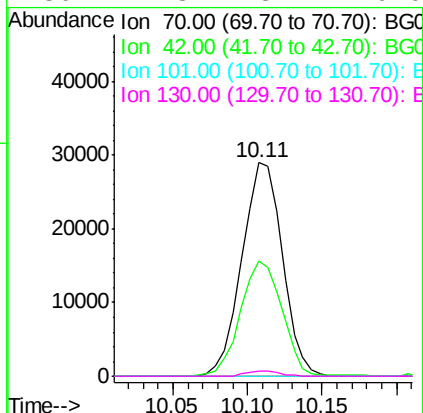
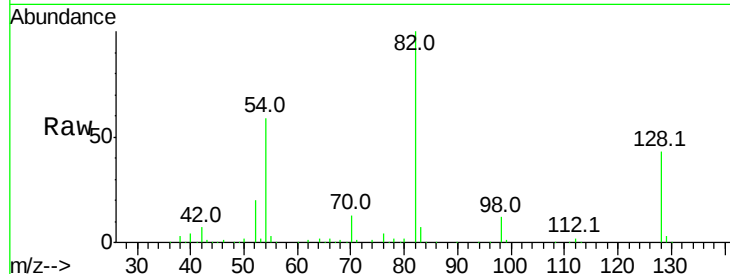




#19
n-Nitroso-di-n-propylamine
Concen: 16.169 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.38 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

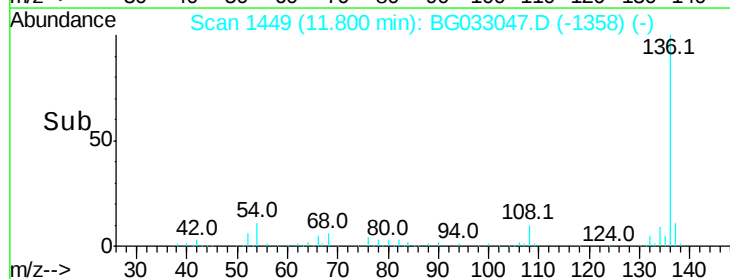
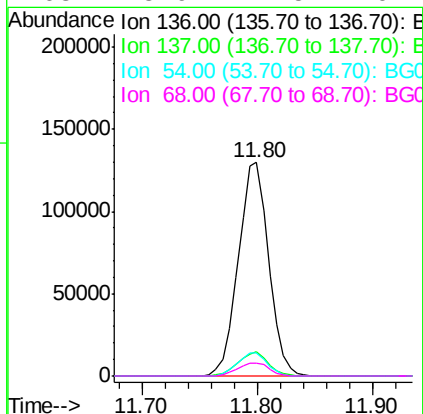
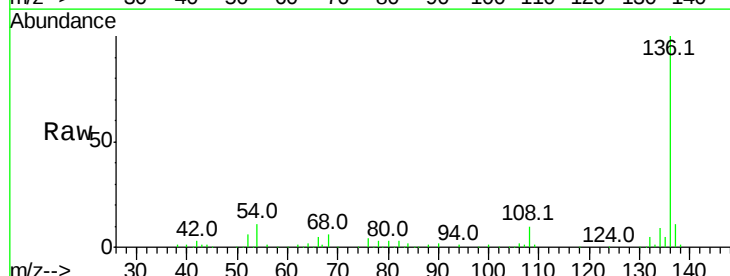
Instrument :
BNA_G
ClientSampleId :

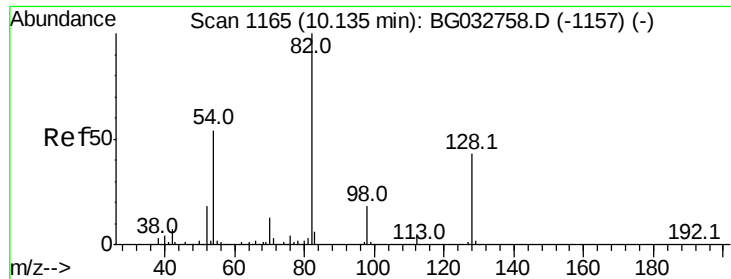
Tot Ion: 70 Resp: 54429
Ion Ratio Lower Upper
70 100
42 54.0 49.1 73.7
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Tgt Ion: 136 Resp: 236561
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 10.7 10.3 15.5
68 5.9 4.5 6.7

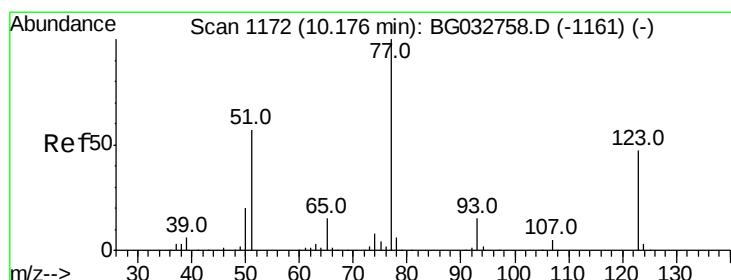
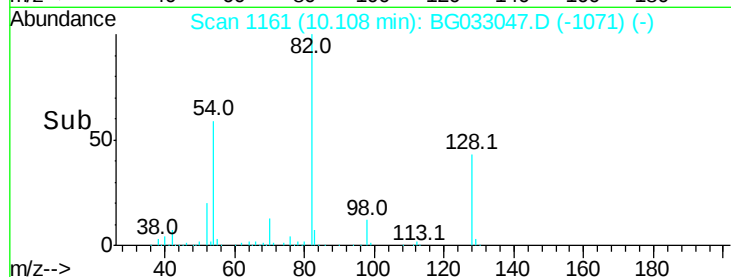
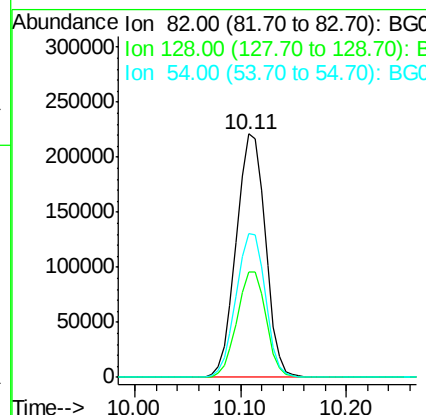
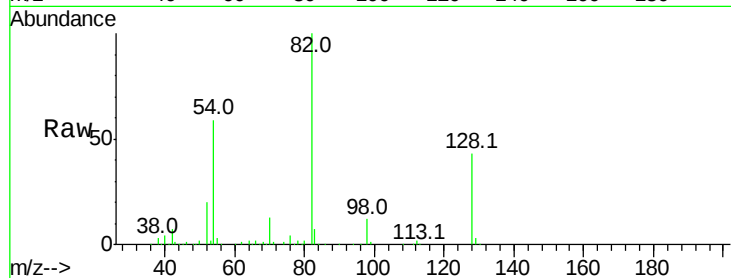




#23
 Nitrobenzene-d5
 Concen: 119.443 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033047.D
 Acq: 8 Mar 2018 19:08

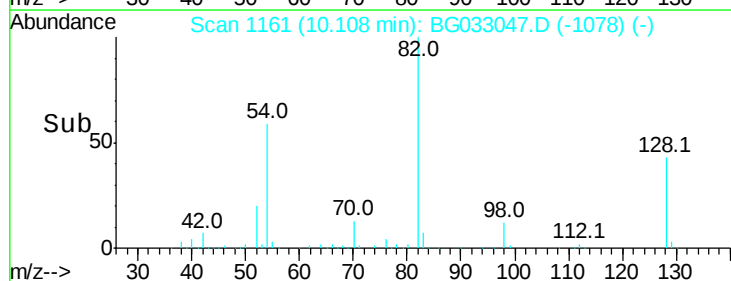
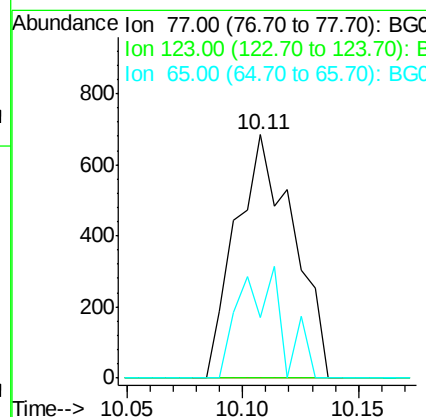
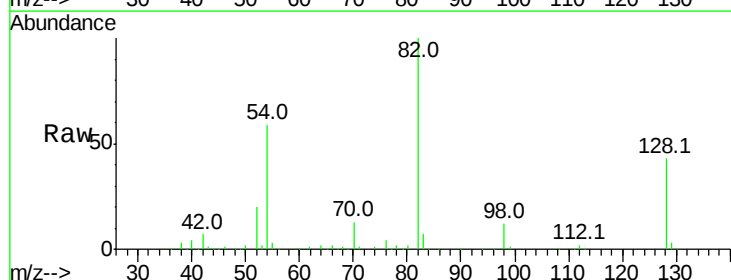
Instrument :
 BNA_G
 ClientSampled :

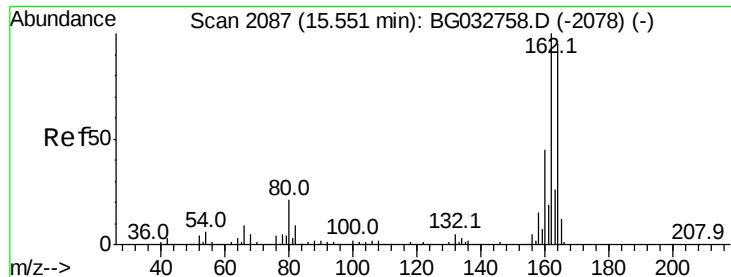
Tot Ion: 82 Resp: 422670
 Ion Ratio Lower Upper
 82 100
 128 43.1 29.7 44.5
 54 59.1 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.653 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.04 min
 Lab File: BG033047.D
 Acq: 8 Mar 2018 19:08

Tgt Ion: 77 Resp: 1185
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 24.8 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: BG033047.D

Acq: 8 Mar 2018 19:08

Instrument :

BNA_G

ClientSampleId :

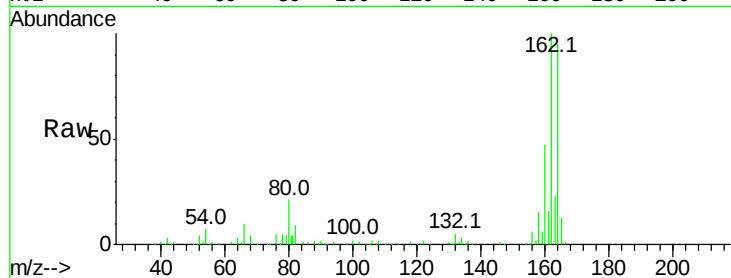
Tot Ion:164 Resp: 133591

Ion Ratio Lower Upper

164 100

162 104.9 78.8 118.2

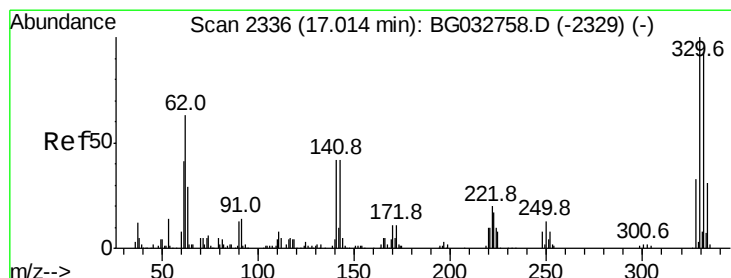
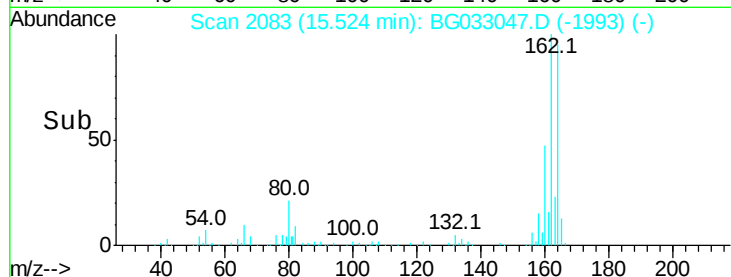
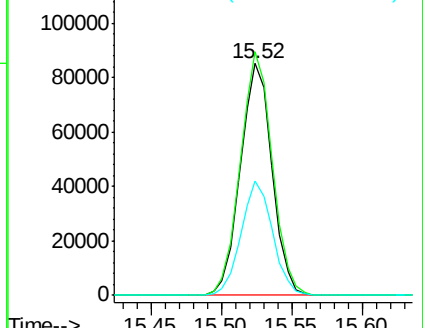
160 49.3 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 156.835 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033047.D

Acq: 8 Mar 2018 19:08

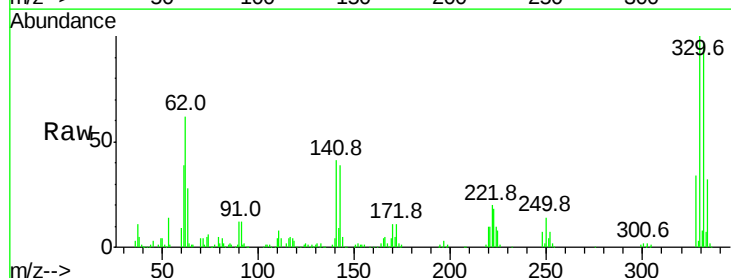
Tgt Ion:330 Resp: 220300

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

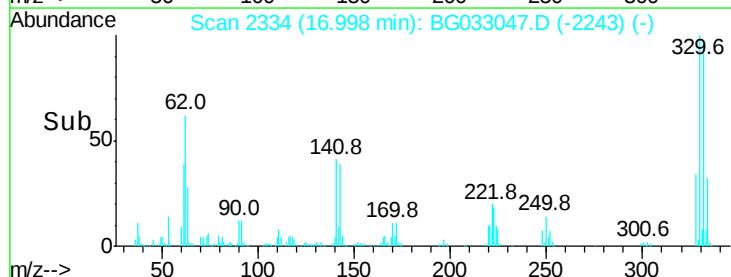
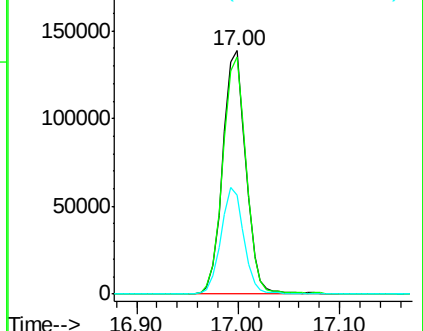
141 43.4 25.2 37.8#

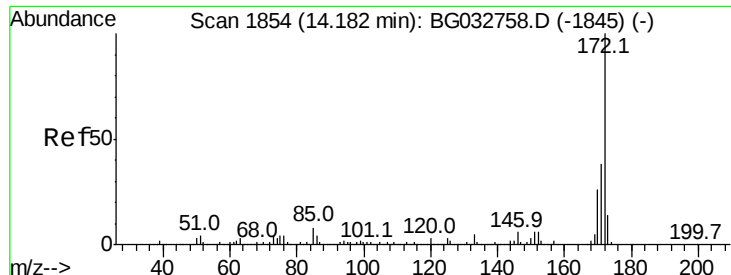


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

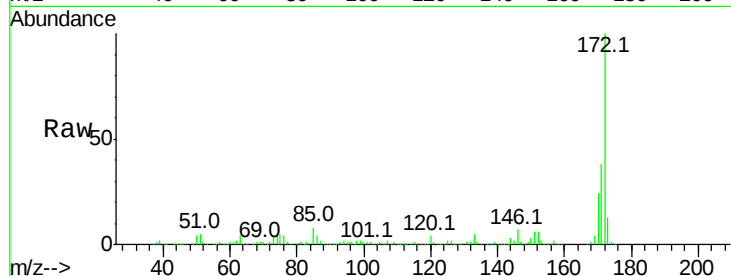




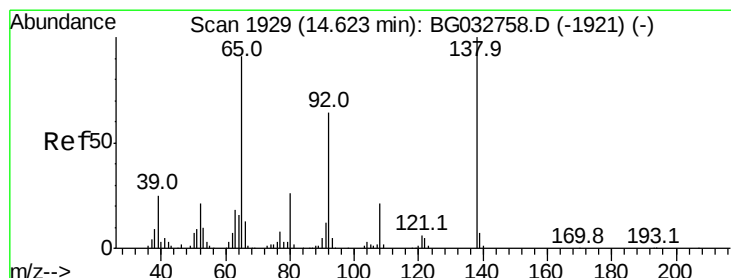
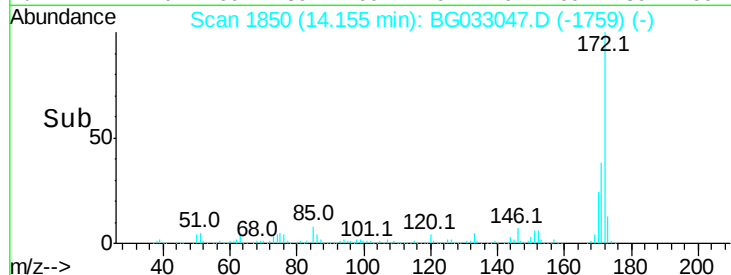
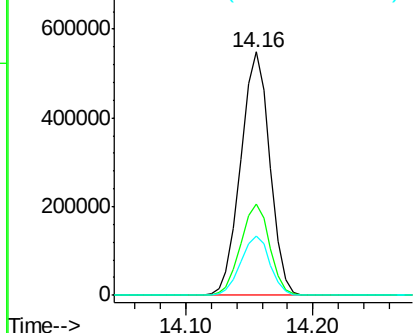
#44
2-Fluorobiphenyl
Concen: 94.243 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.4	19.5	29.3

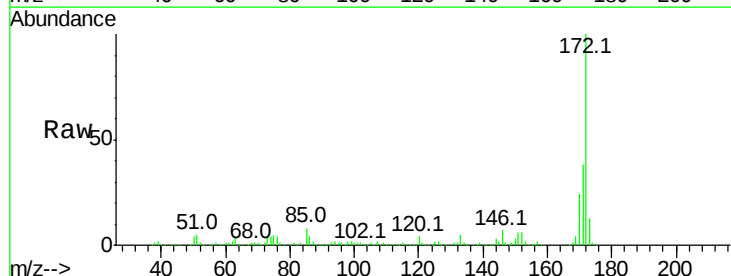


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

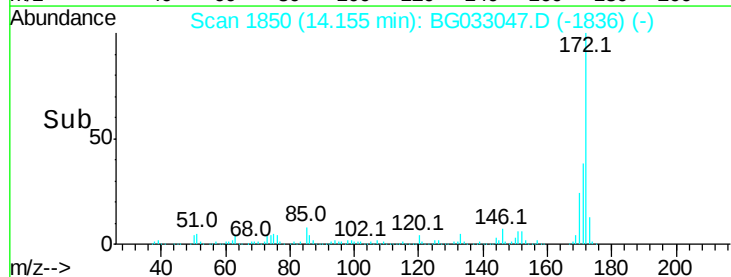
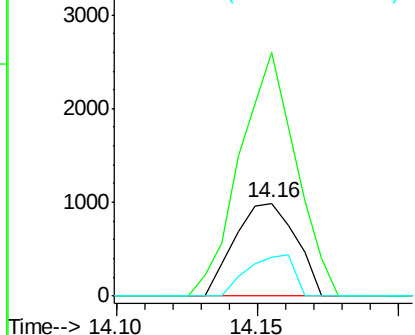


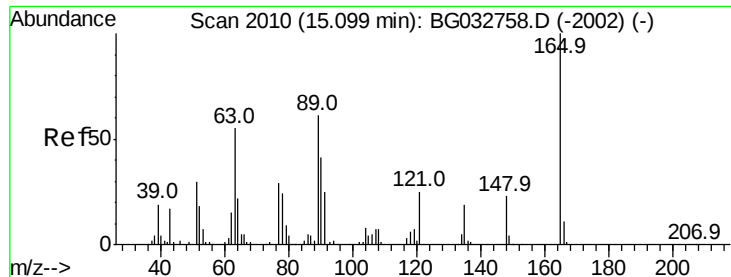
#47
2-Nitroaniline
Concen: 10.373 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	261.8	54.6	82.0#
138	42.2	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): E





#50

2,6-Dinitrotoluene

Concen: 16.432 ng

RT: 15.52 min Scan# 2083

Delta R.T. 0.45 min

Lab File: BG033047.D

Acq: 8 Mar 2018 19:08

Instrument :

BNA_G

ClientSampleId :

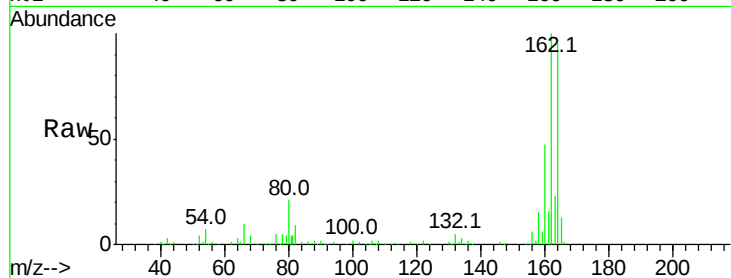
Tot Ion:165 Resp: 17363

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

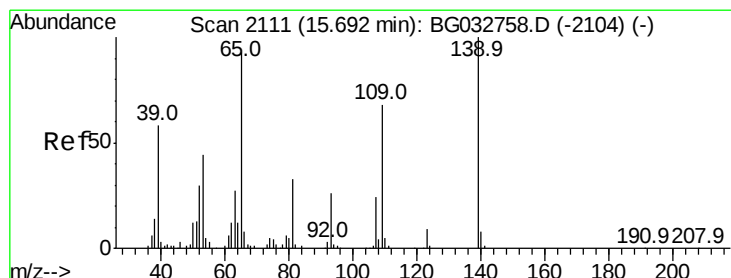
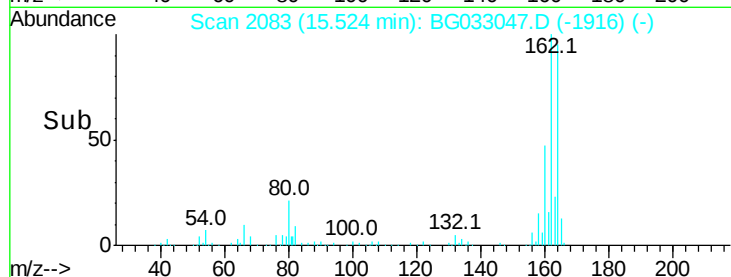
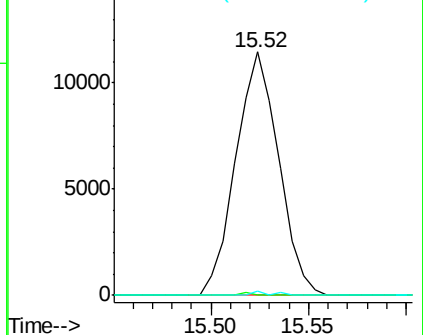
89 1.6 49.2 73.8#



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



#55

4-Nitrophenol

Concen: 7.141 ng

RT: 15.92 min Scan# 2150

Delta R.T. 0.24 min

Lab File: BG033047.D

Acq: 8 Mar 2018 19:08

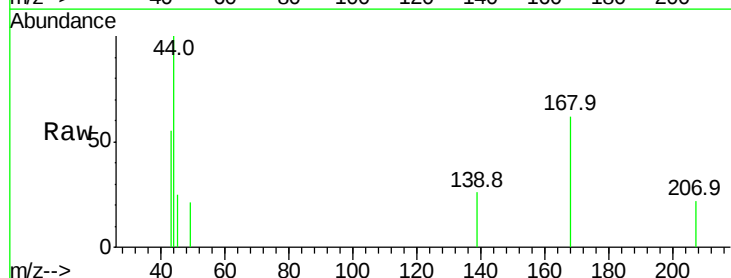
Tgt Ion:139 Resp: 124

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

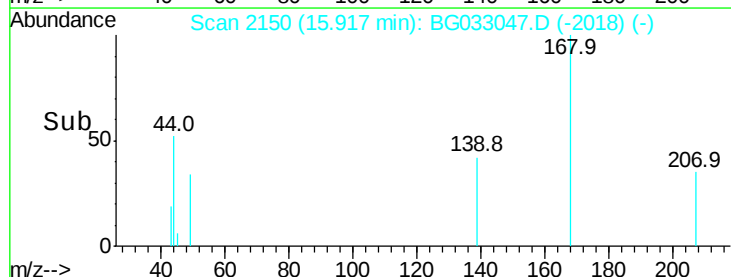
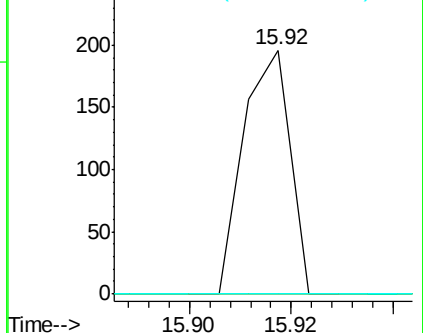
65 0.0 97.2 137.2#

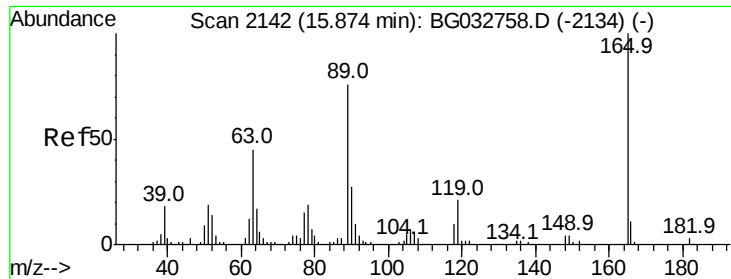


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

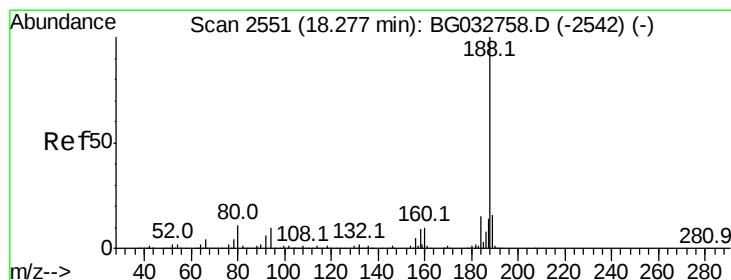
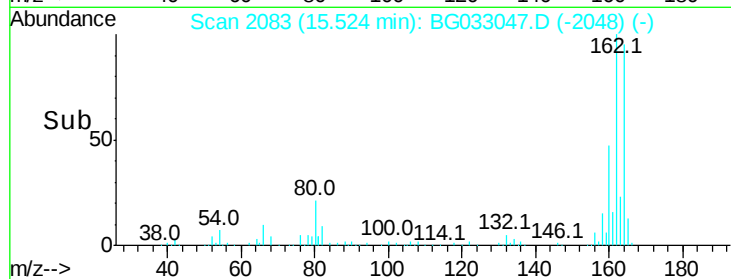
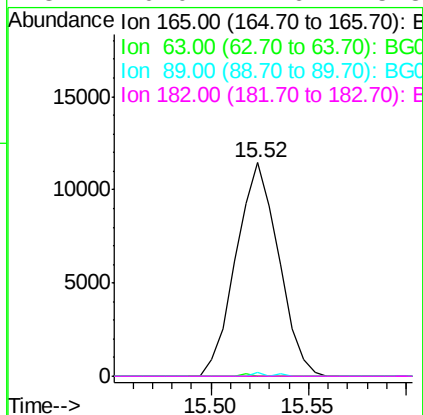
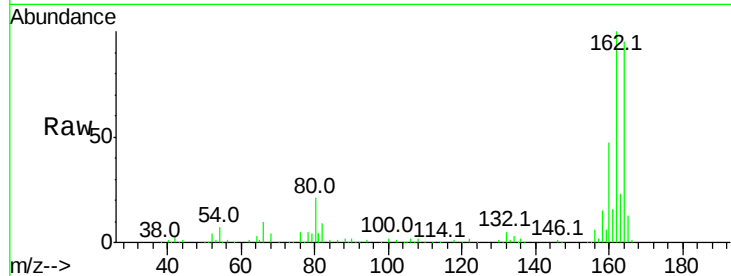




#56
 2,4-Dinitrotoluene
 Concen: 14.630 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033047.D
 Acq: 8 Mar 2018 19:08

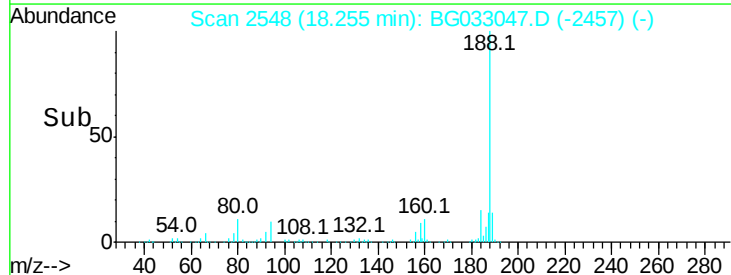
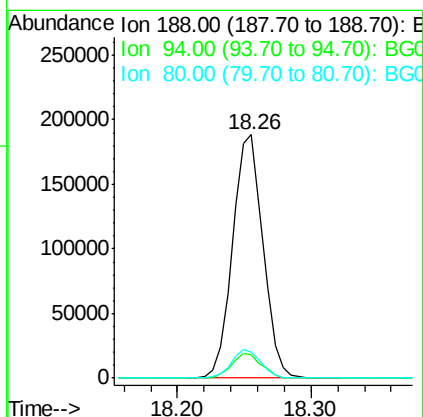
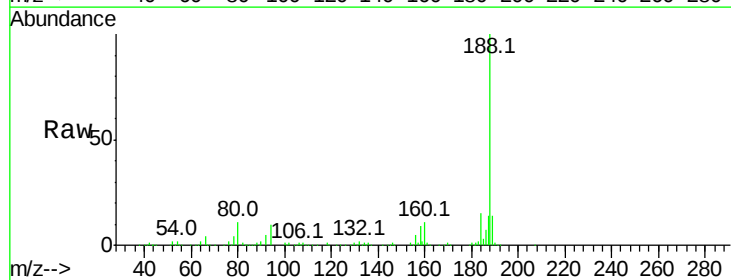
Instrument :
 BNA_G
 ClientSampleId :

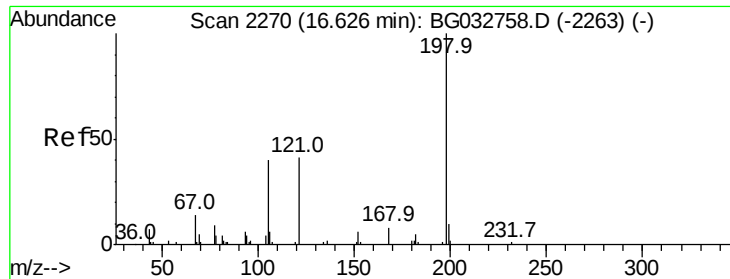
Tot Ion:	165	Resp:	17363
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG033047.D
 Acq: 8 Mar 2018 19:08

Tgt Ion:	188	Resp:	297823
Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.9	10.3
80	10.6	7.7	11.5

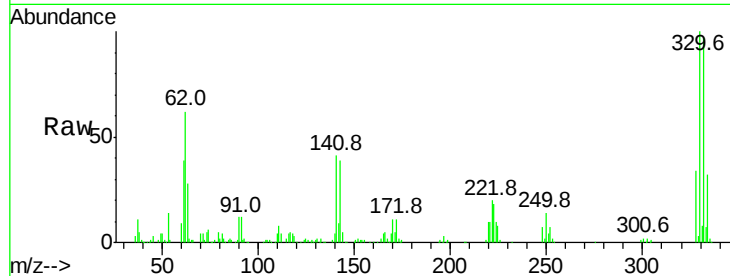




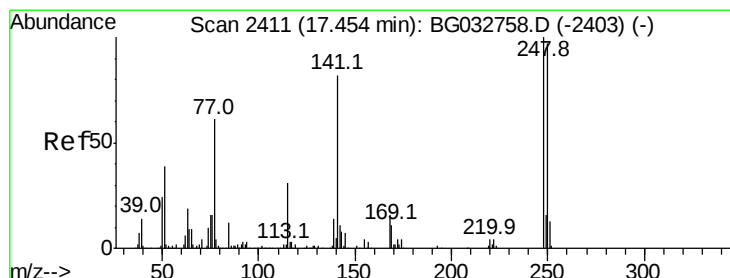
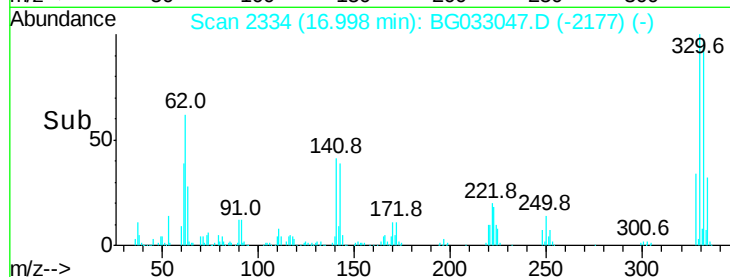
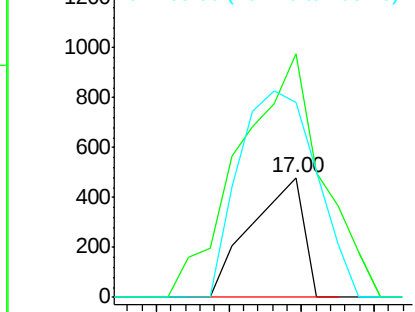
#64
4,6-Dinitro-2-methylphenol
Concen: 5.637 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.39 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 482
Ion Ratio Lower Upper
198 100
51 203.3 30.6 70.6#
105 162.7 23.8 63.8#

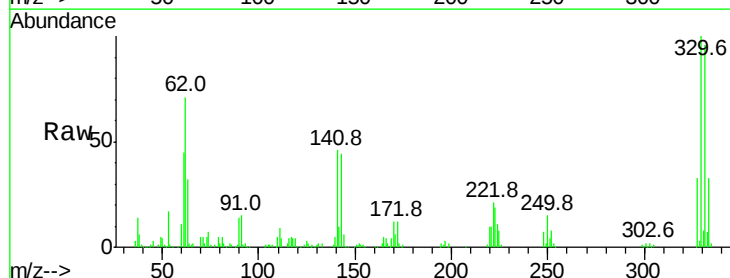


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

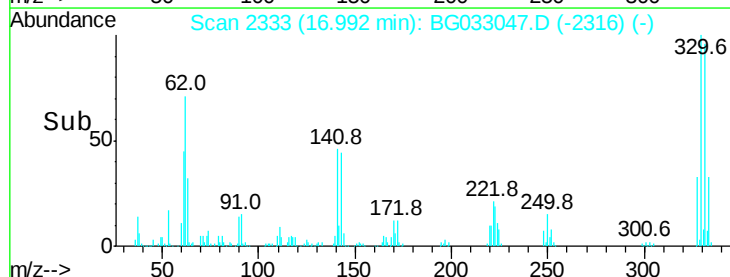
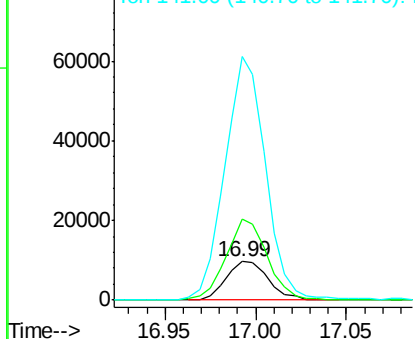


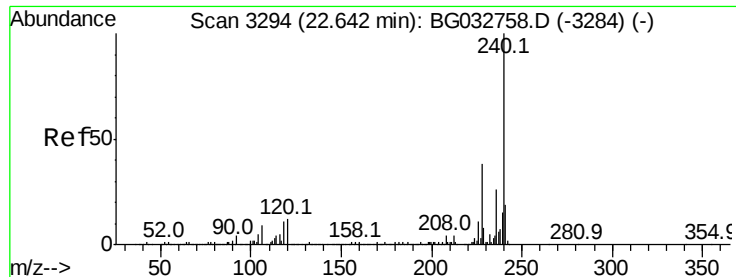
#66
4-Bromophenyl-phenylether
Concen: 4.989 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Tgt Ion:248 Resp: 15711
Ion Ratio Lower Upper
248 100
250 210.8 77.1 115.7#
141 633.4 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: BG033047.D

Acq: 8 Mar 2018 19:08

Instrument :

BNA_G

ClientSampleId :

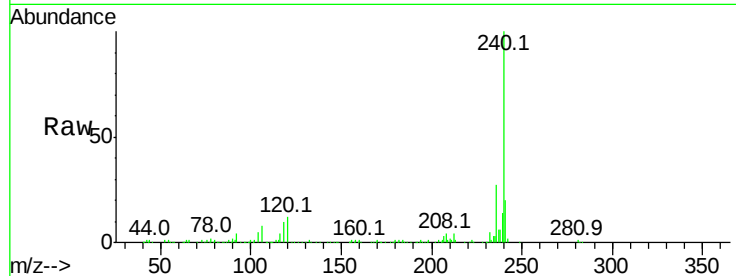
Tot Ion:240 Resp: 272626

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

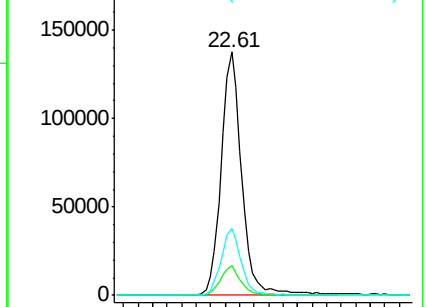
236 27.3 20.9 31.3



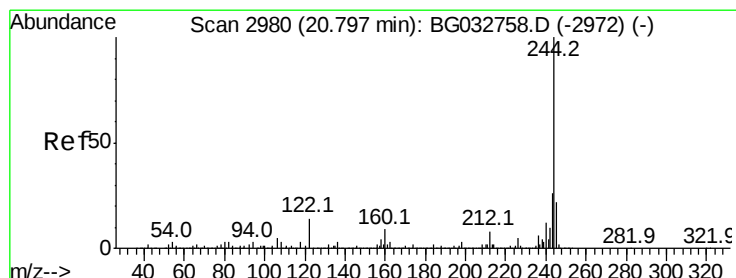
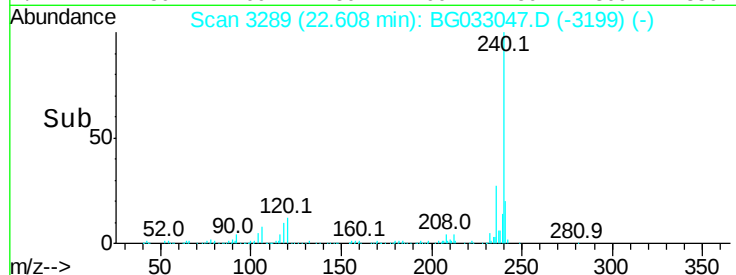
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 104.811 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033047.D

Acq: 8 Mar 2018 19:08

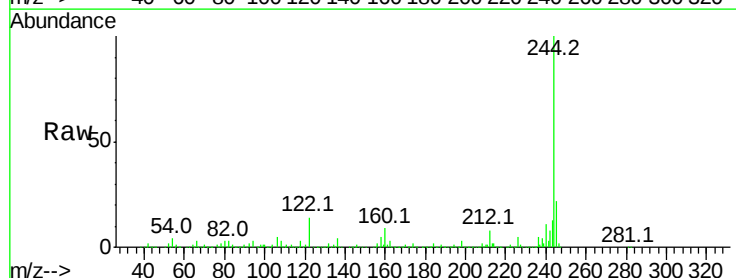
Tgt Ion:244 Resp: 1271816

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

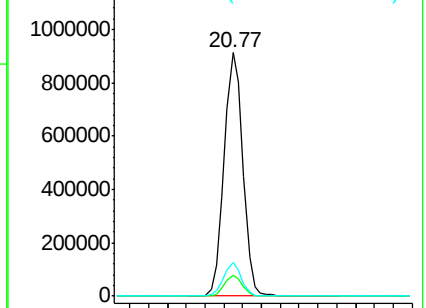
122 13.7 7.0 10.4#



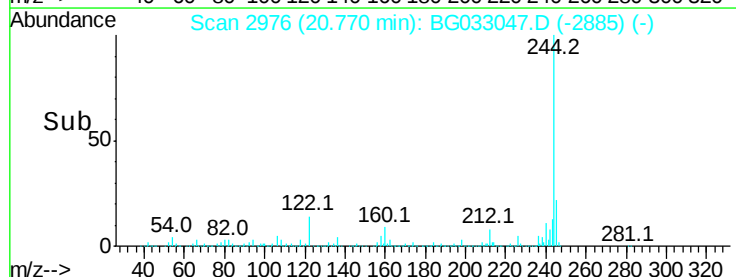
Abundance Ion 244.00 (243.70 to 244.70): E

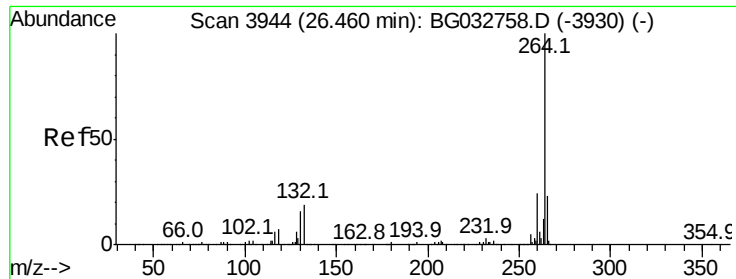
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033047.D
Acq: 8 Mar 2018 19:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	17.7	26.5

