

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031937.D
 Acq On : 5 Jan 2018 17:52
 Operator : SJ/JU
 Sample : J1011-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 23:11:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	48500	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	201557	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	146550	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	417275	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	487706	20.00	ng	-0.03
86) Perylene-d12	26.23	264	477649	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	339313	127.43	ng	0.00
7) Phenol-d6	7.89	99	399624	115.59	ng	0.00
23) Nitrobenzene-d5	9.98	82	273474	102.46	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	369265	165.13	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	967740	82.88	ng	0.00
78) Terphenyl-d14	20.68	244	2020211	94.64	ng	-0.01

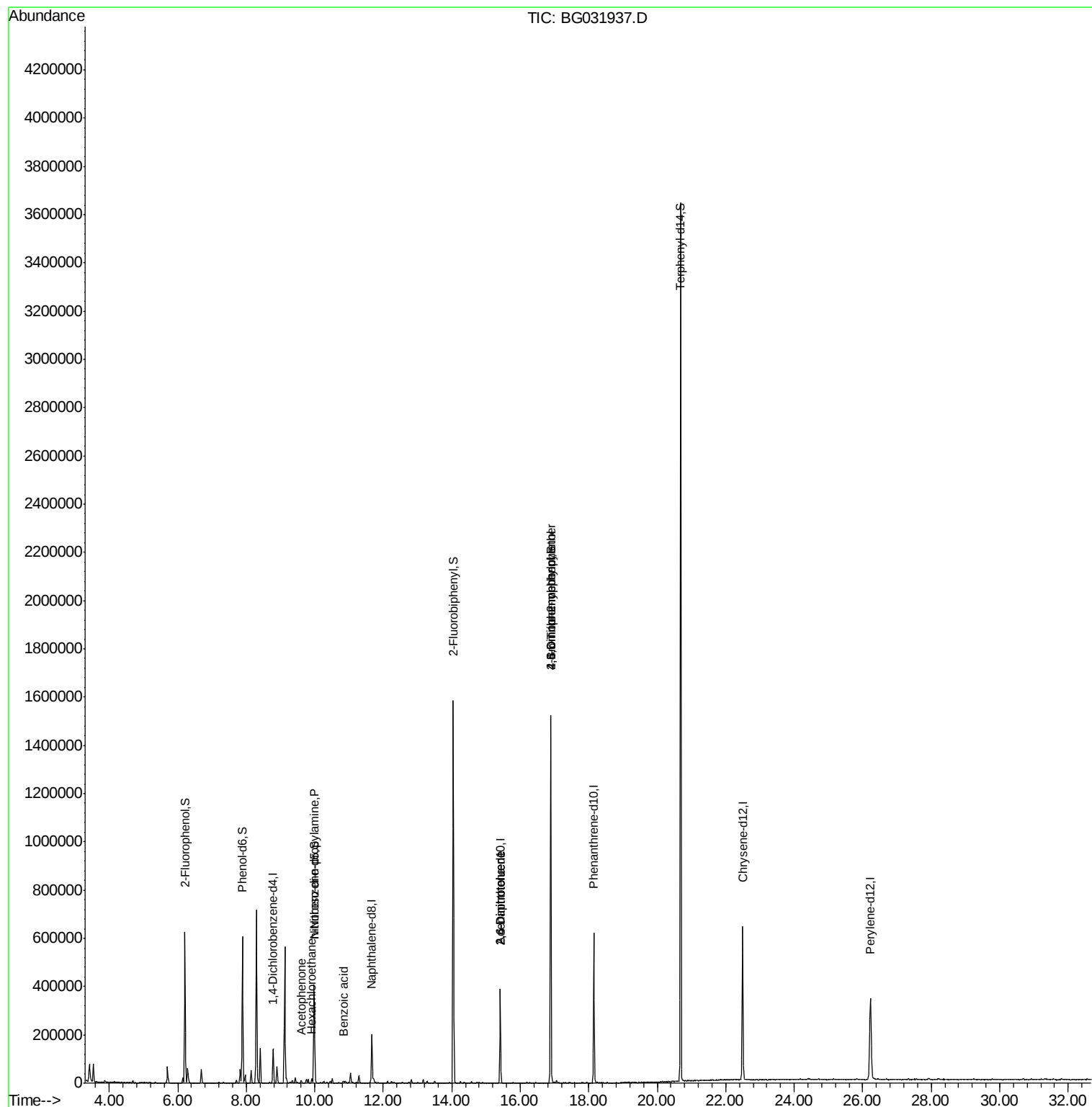
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	9.92	117	3312	2.791	ng	# 1
19) n-Nitroso-di-n-propylamine	9.98	70	36268	15.361	ng	# 69
22) Acetophenone	9.60	105	10987	2.346	ng	# 55
32) Benzoic acid	10.83	122	2903	7.902	ng	# 63
50) 2,6-Dinitrotoluene	15.41	165	19539	8.227	ng	# 21
56) 2,4-Dinitrotoluene	15.41	165	19539	6.398	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	500	8.509	ng	# 1
66) 4-Bromophenyl-phenylether	16.89	248	29819	4.942	ng	# 1

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

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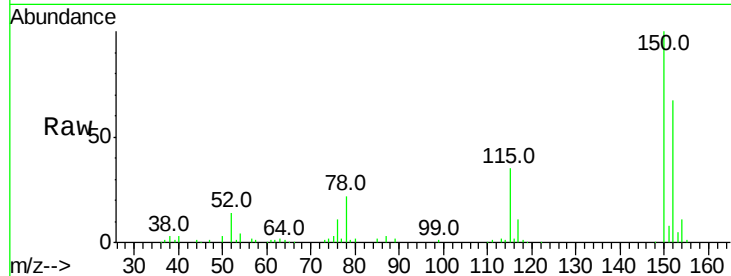


#1

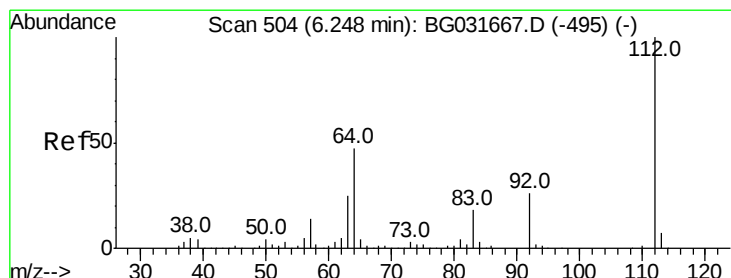
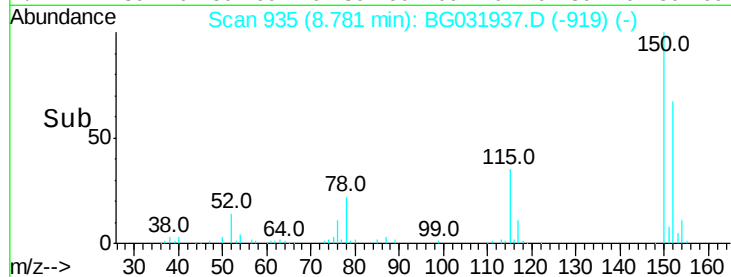
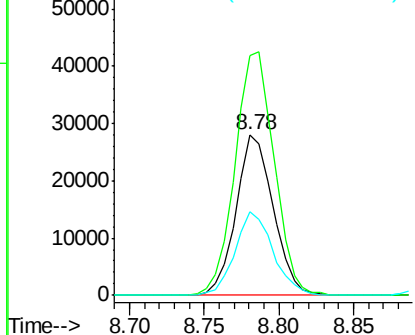
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 48500
 Ion Ratio Lower Upper
 152 100
 150 149.5 126.6 189.8
 115 52.1 53.0 79.4#



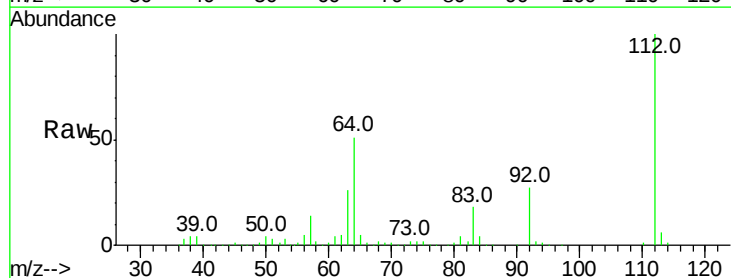
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



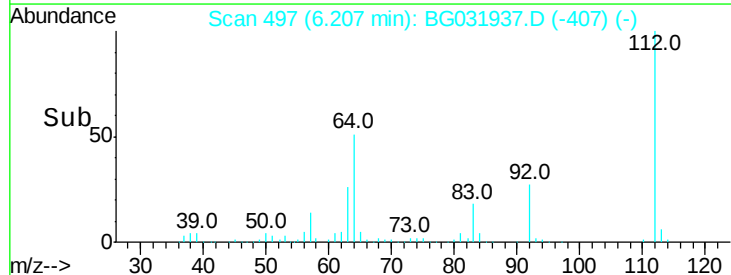
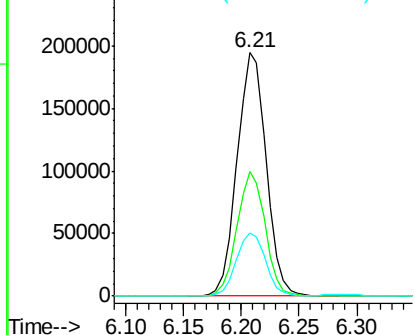
#5

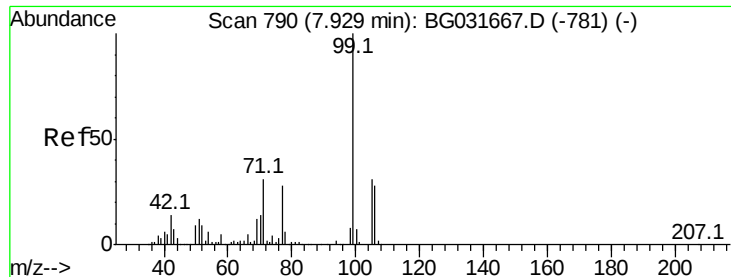
2-Fluorophenol
 Concen: 127.427 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

Tgt Ion:112 Resp: 339313
 Ion Ratio Lower Upper
 112 100
 64 51.1 56.3 84.5#
 63 26.0 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: 115.592 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031937.D

Acq: 5 Jan 2018 17:52

Instrument :

BNA_G

ClientSampled :

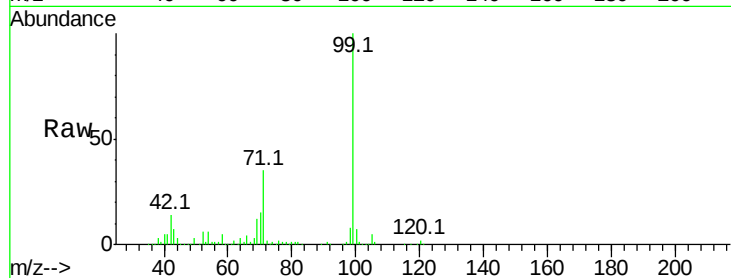
Tot Ion: 99 Resp: 399624

Ion Ratio Lower Upper

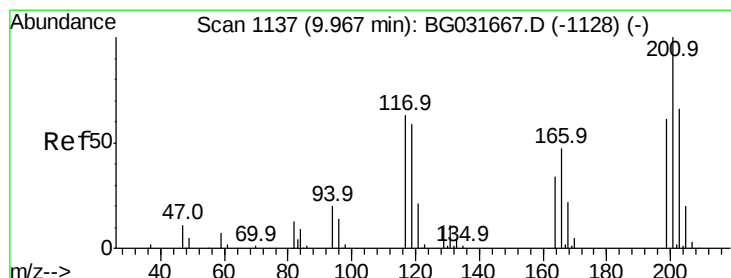
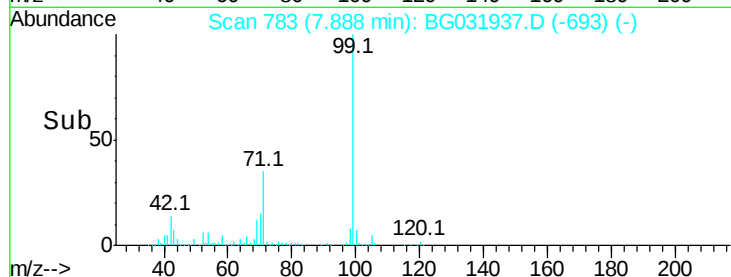
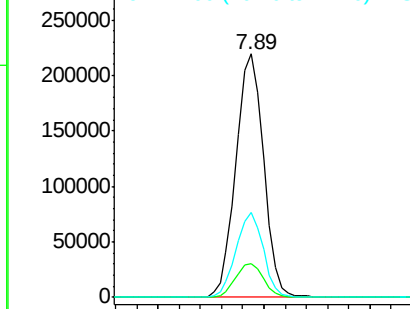
99 100

42 14.1 14.1 21.1#

71 34.8 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



#18

Hexachloroethane

Concen: 2.791 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BG031937.D

Acq: 5 Jan 2018 17:52

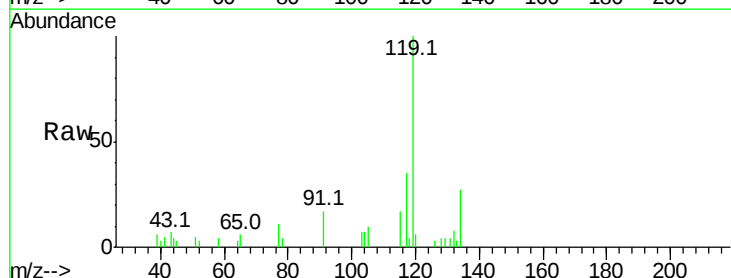
Tgt Ion: 117 Resp: 3312

Ion Ratio Lower Upper

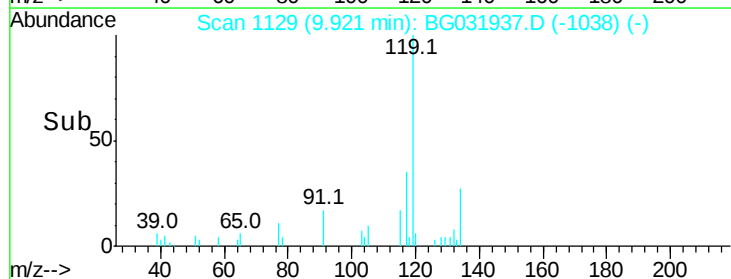
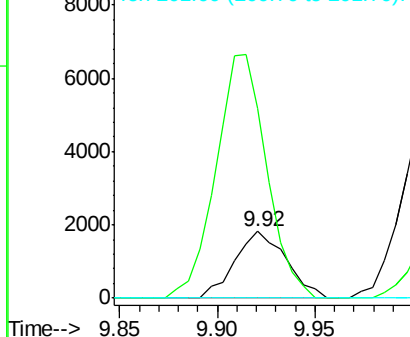
117 100

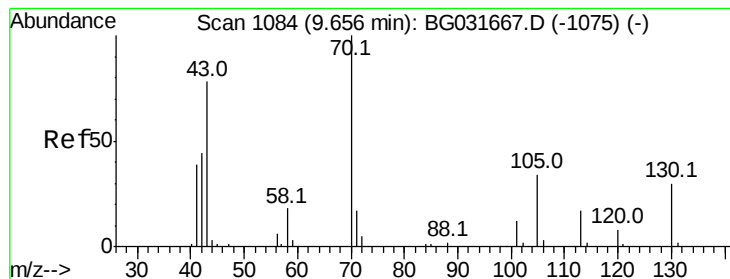
119 284.6 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.361 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.37 min

Lab File: BG031937.D

Acq: 5 Jan 2018 17:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 36268

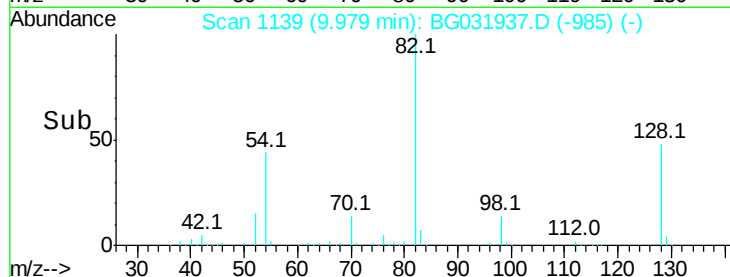
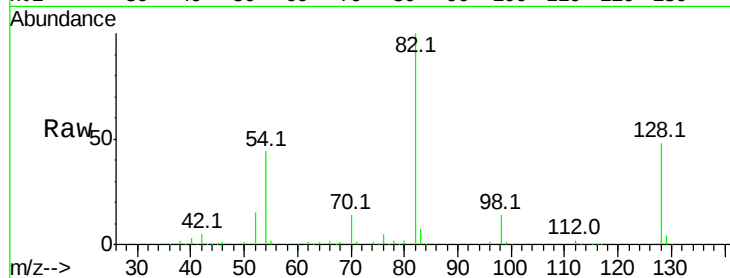
Ion Ratio Lower Upper

70 100

42 37.9 49.1 73.7#

101 0.0 8.5 12.7#

130 3.2 13.4 20.0#



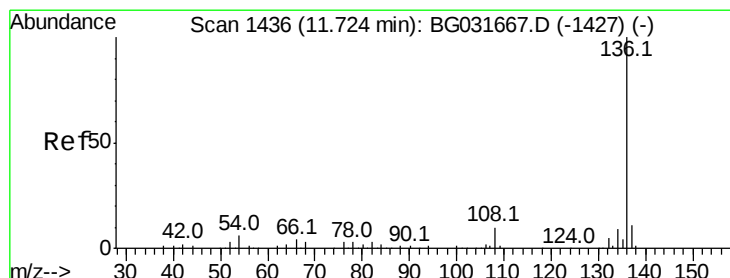
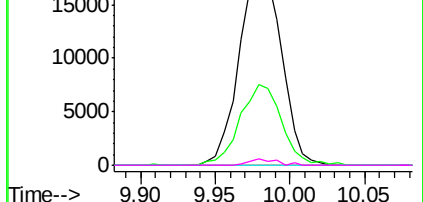
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031937.D

Acq: 5 Jan 2018 17:52

Tgt Ion:136 Resp: 201557

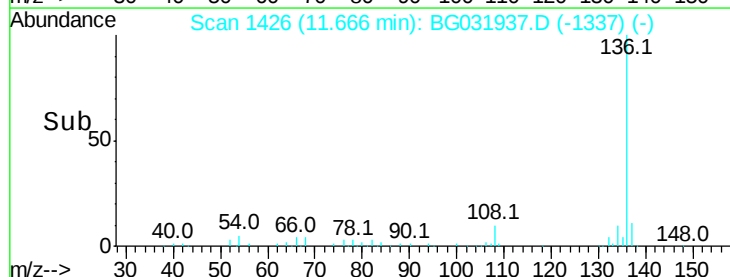
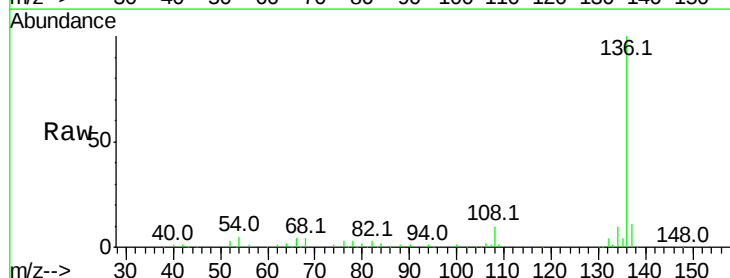
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 5.2 10.3 15.5#

68 4.1 4.5 6.7#



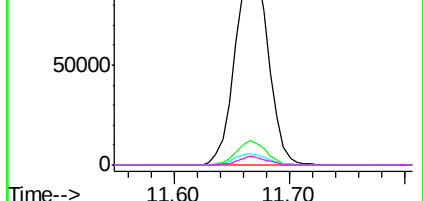
Abundance Ion 136.00 (135.70 to 136.70): BGC

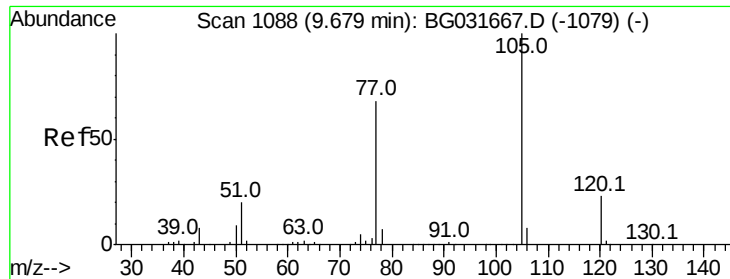
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->

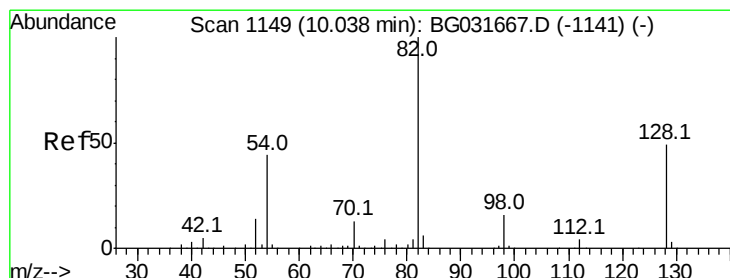
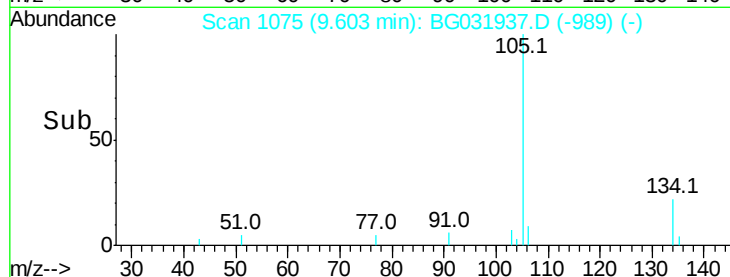
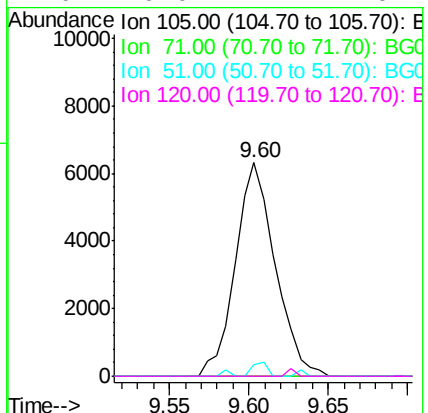
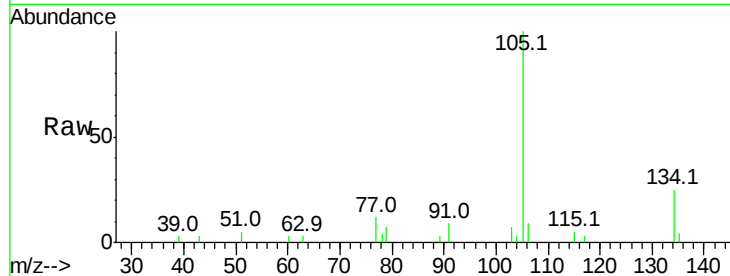




#22
Acetophenone
Concen: 2.346 ng
RT: 9.60 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

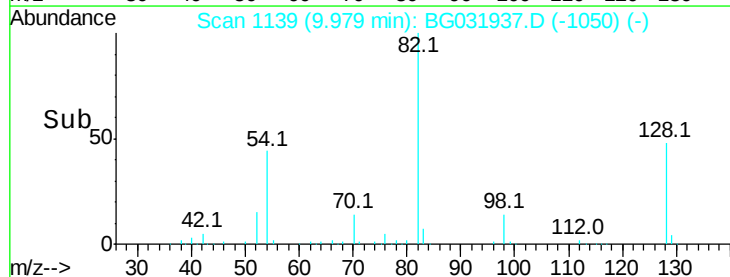
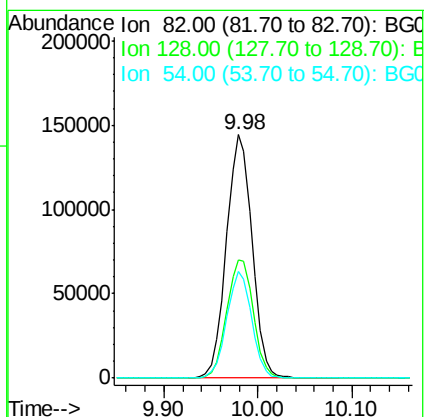
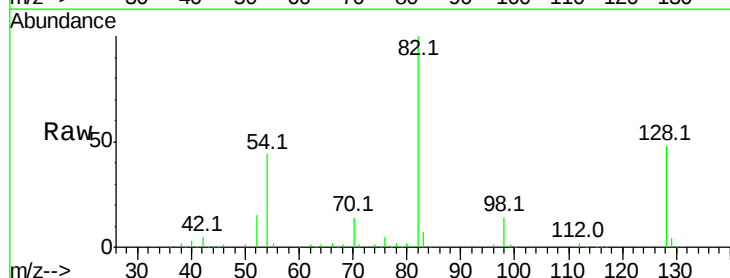
Instrument :
BNA_G
ClientSampleId :

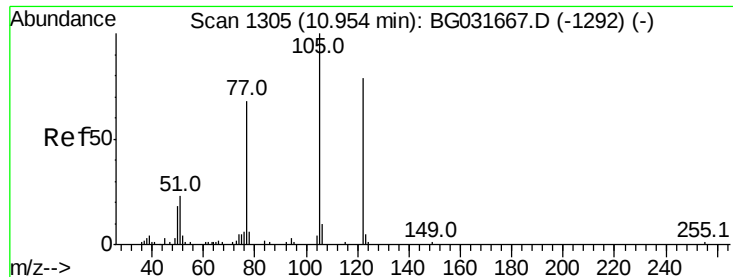
Tot Ion:	105	Resp:	10987
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	5.4	26.1	39.1#
120	0.0	17.4	26.2#



#23
Nitrobenzene-d5
Concen: 102.455 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

Tgt Ion:	82	Resp:	273474
Ion	Ratio	Lower	Upper
82	100		
128	48.4	29.7	44.5#
54	43.8	43.1	64.7

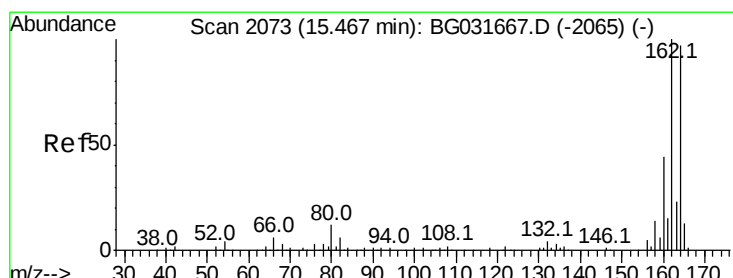
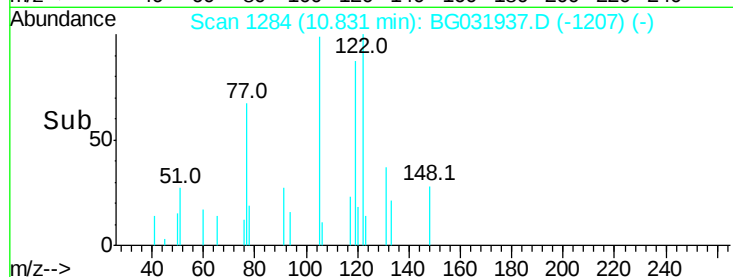
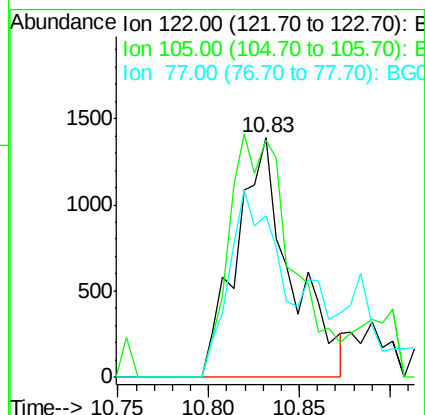
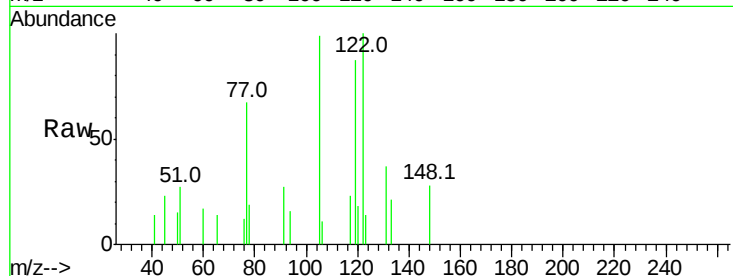




#32
Benzoic acid
Concen: 7.902 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.08 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

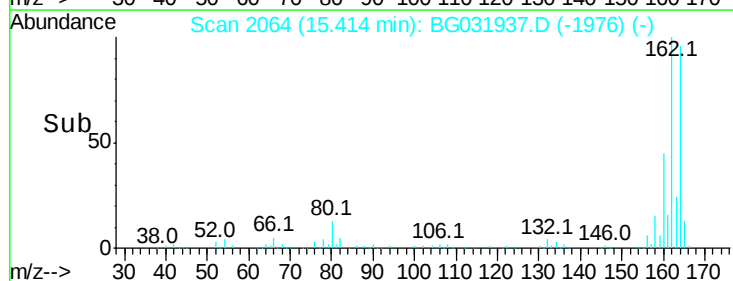
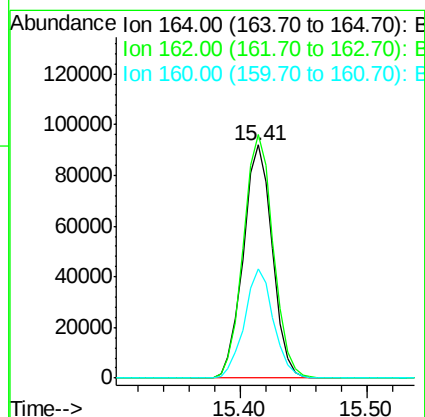
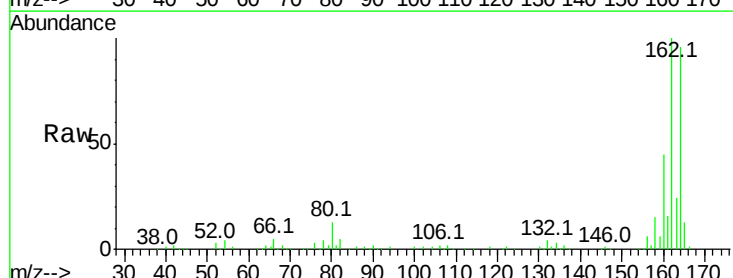
Instrument :
BNA_G
ClientSampleId :

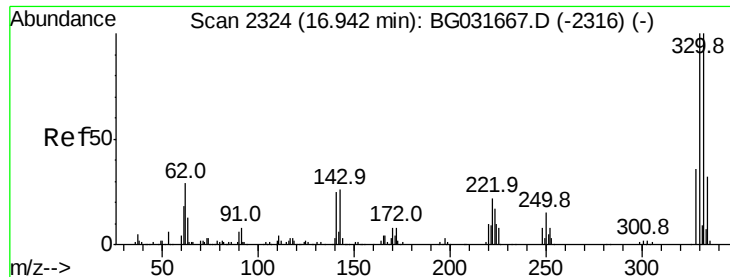
Tot Ion:122 Resp: 2903
Ion Ratio Lower Upper
122 100
105 98.8 123.5 163.5#
77 67.3 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

Tgt Ion:164 Resp: 146550
Ion Ratio Lower Upper
164 100
162 104.4 78.8 118.2
160 46.7 35.4 53.0

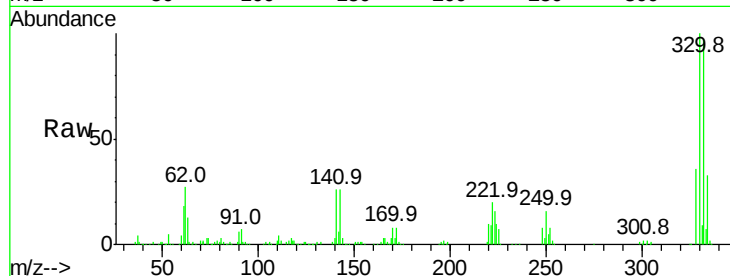




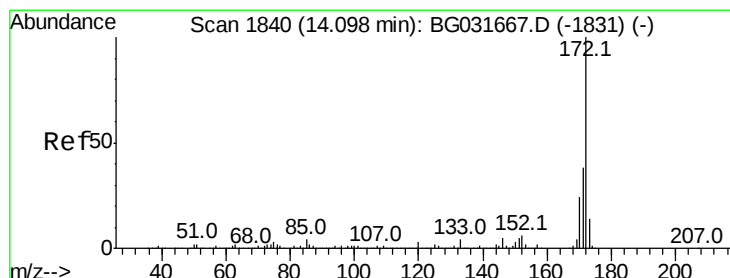
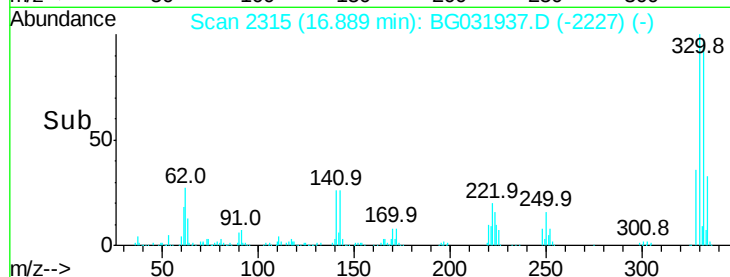
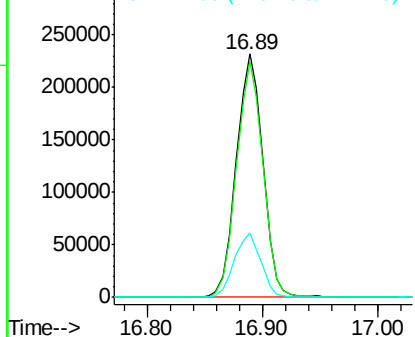
#41
 2,4,6-Tribromophenol
 Concen: 165.134 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	26.4	25.2	37.8

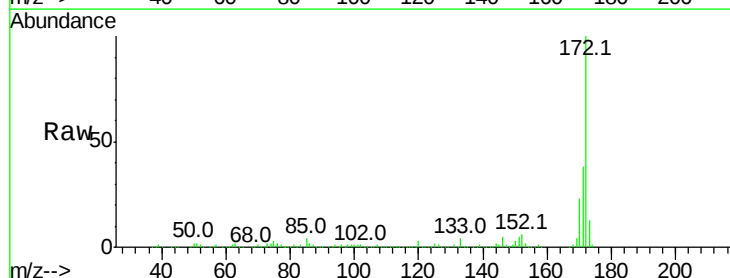


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

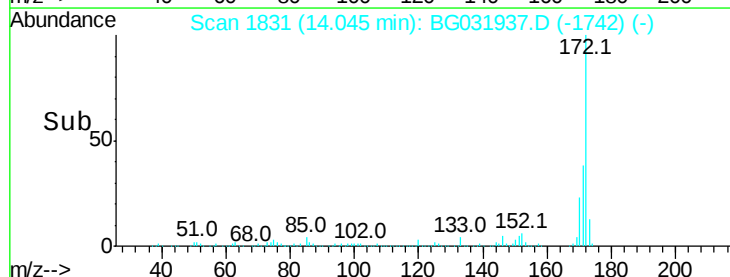
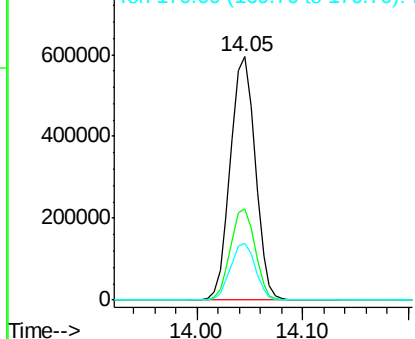


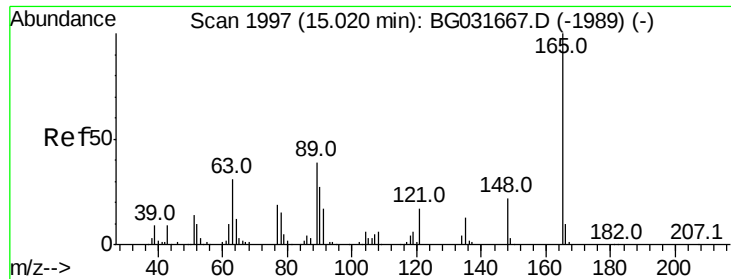
#44
 2-Fluorobiphenyl
 Concen: 82.882 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.3	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

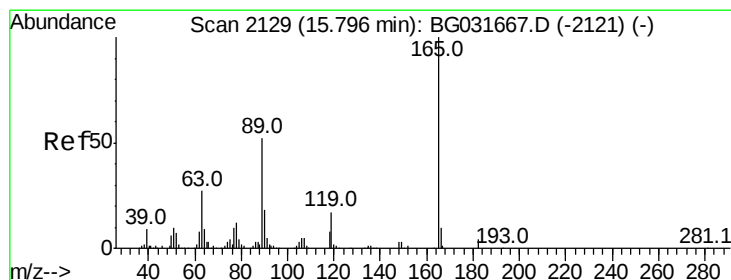
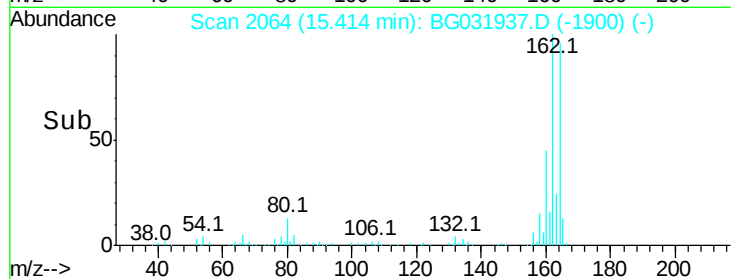
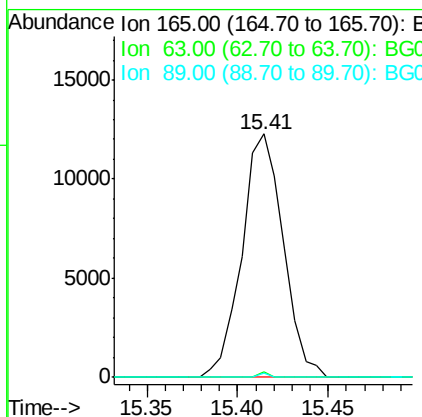
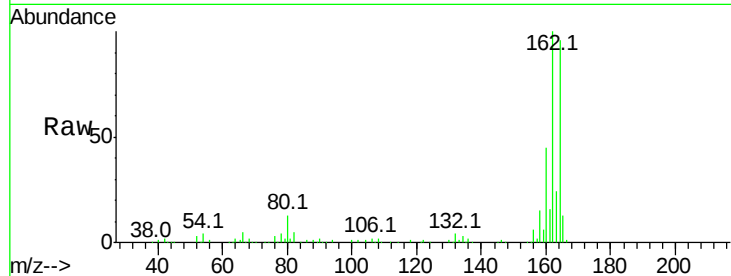




#50
 2,6-Dinitrotoluene
 Concen: 8.227 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. 0.43 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

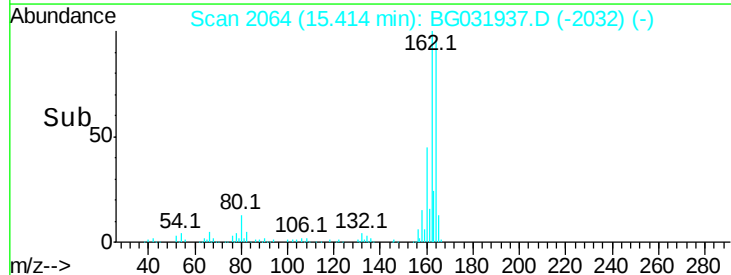
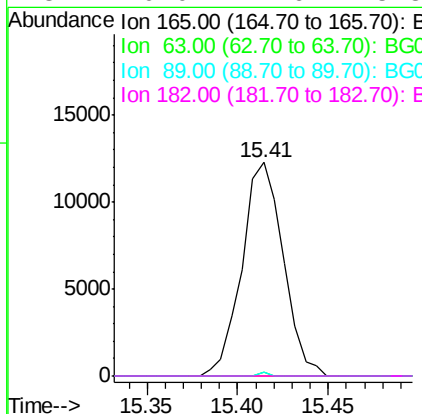
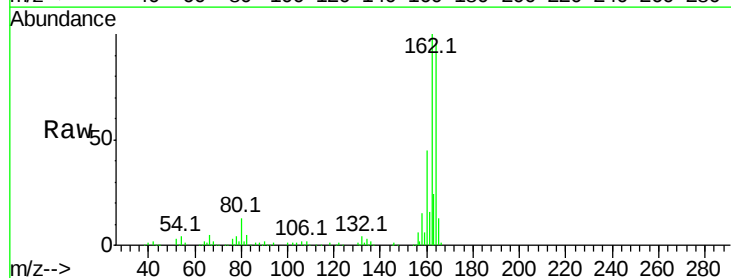
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 BNA_G
 ClientSampleId :

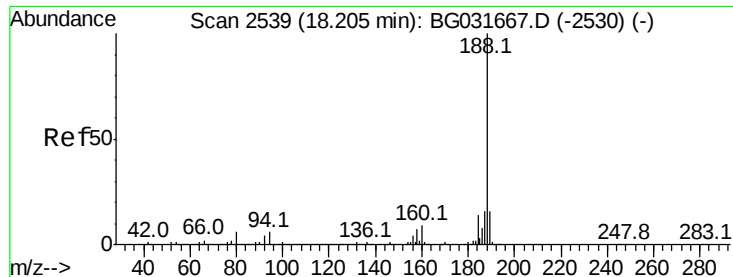
Tot Ion:165 Resp: 19539
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 1.7 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.398 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

Tgt Ion:165 Resp: 19539
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#

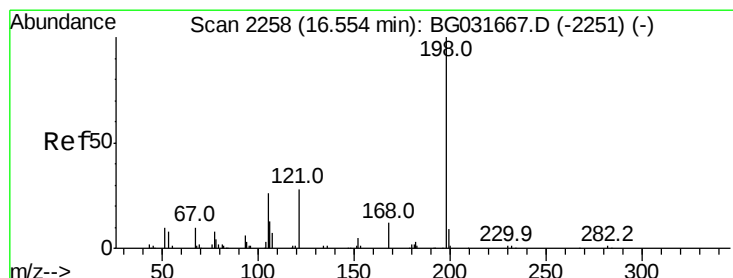
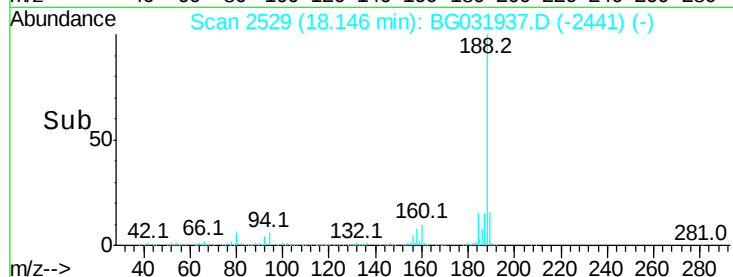
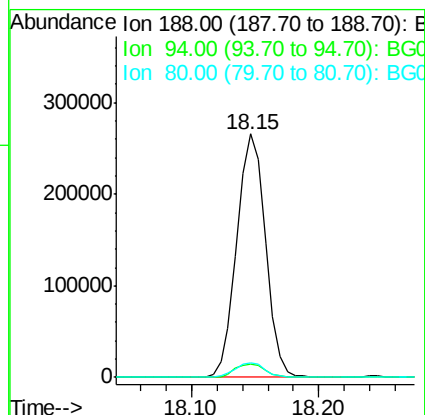
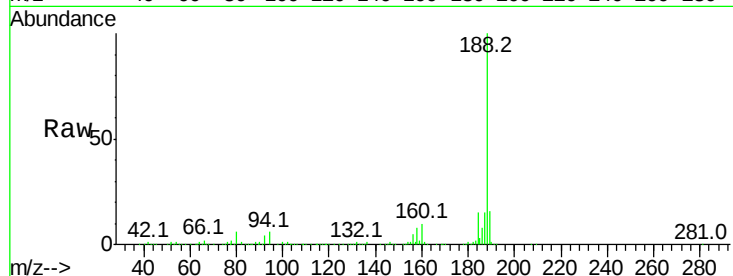




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

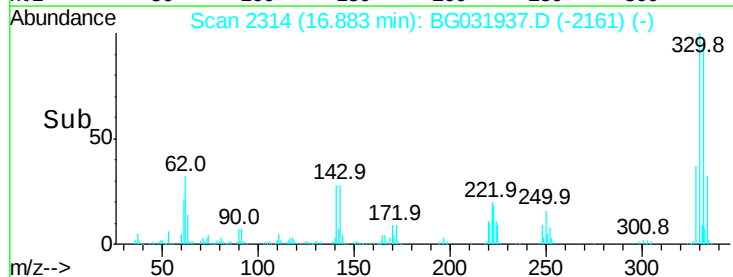
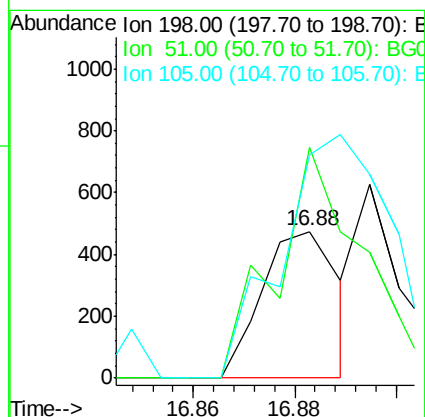
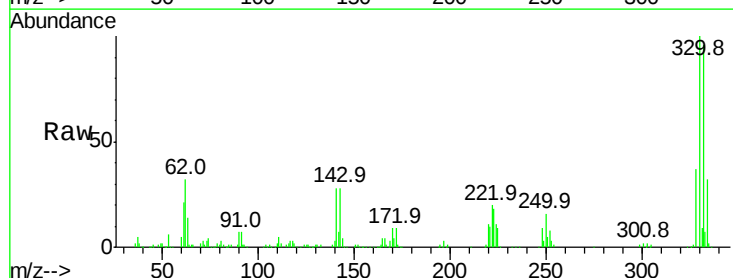
Instrument :
BNA_G
ClientSampleId :

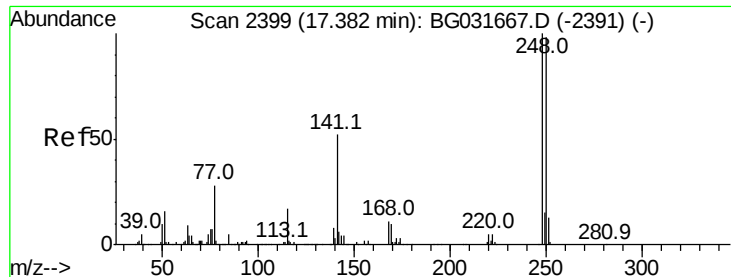
Tot Ion:188 Resp: 417275
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 6.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.509 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

Tgt Ion:198 Resp: 500
Ion Ratio Lower Upper
198 100
51 157.6 30.6 70.6#
105 151.9 23.8 63.8#

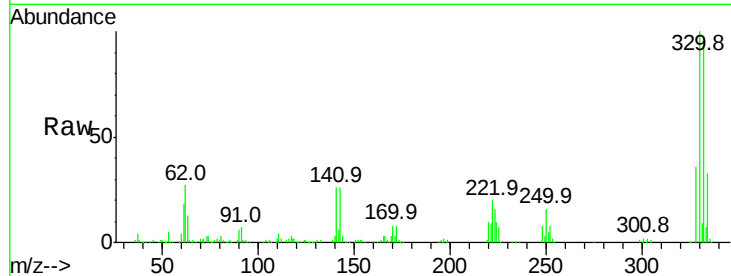




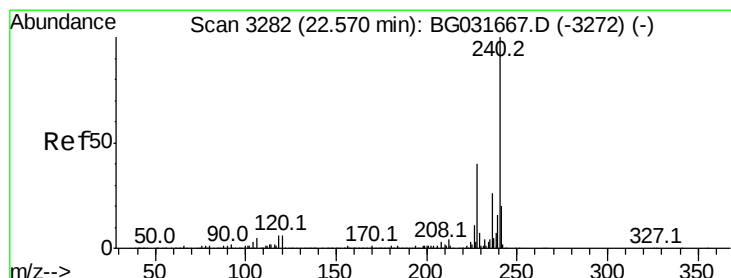
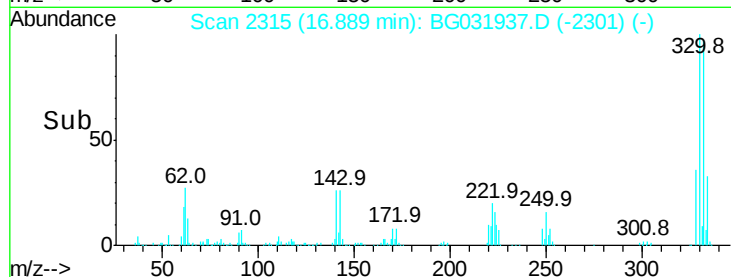
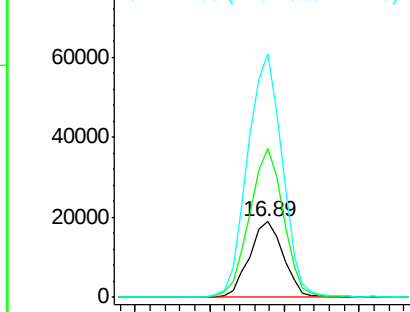
#66
4-Bromophenyl-phenylether
Concen: 4.942 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.45 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 29819
Ion Ratio Lower Upper
248 100
250 197.5 77.1 115.7#
141 323.2 50.8 76.2#

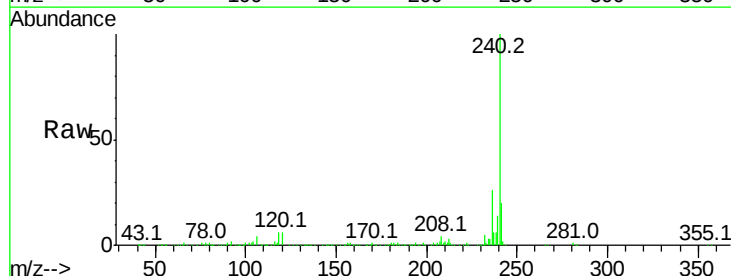


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

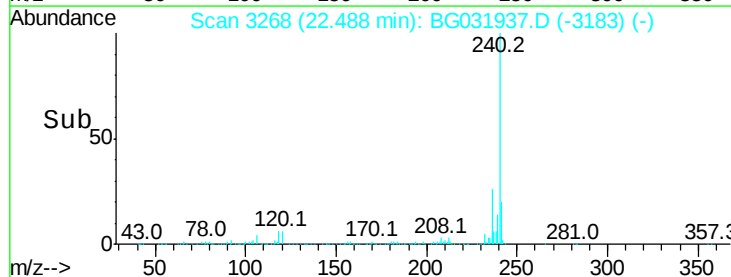
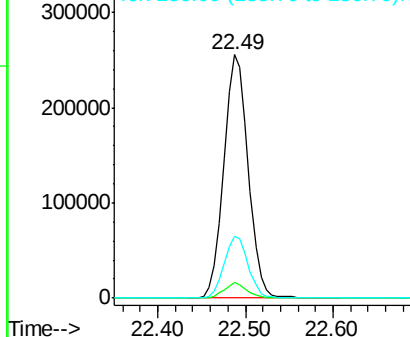


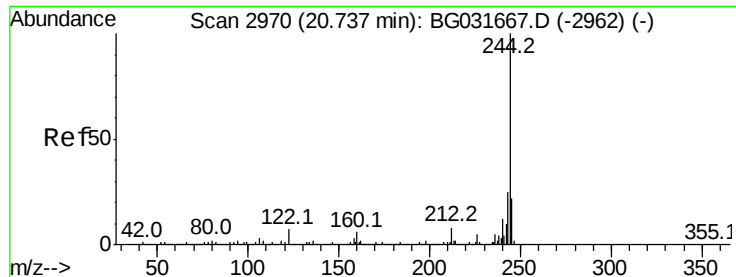
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.03 min
Lab File: BG031937.D
Acq: 5 Jan 2018 17:52

Tgt Ion:240 Resp: 487706
Ion Ratio Lower Upper
240 100
120 6.2 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

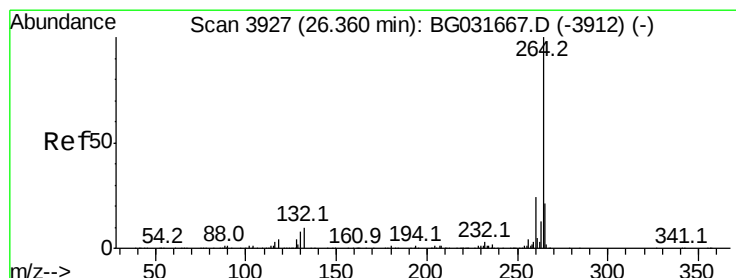
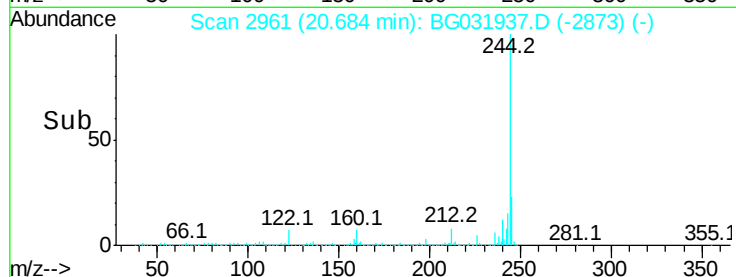
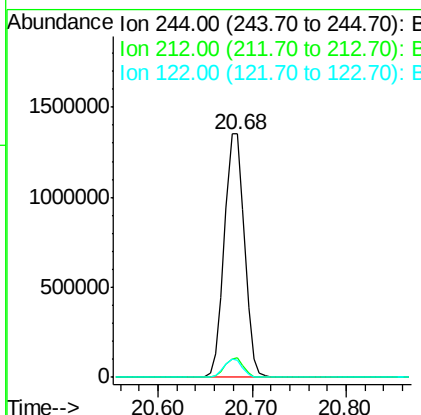
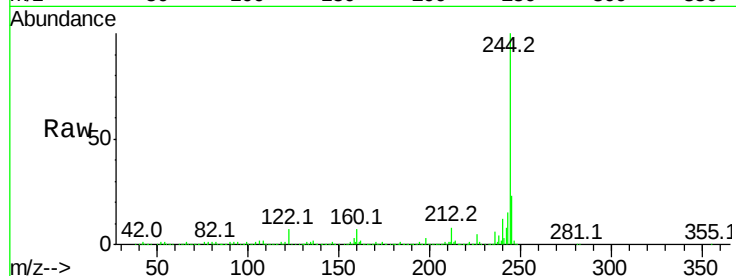




#78
 Terphenyl-d14
 Concen: 94.636 ng
 RT: 20.68 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 2020211
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3904
 Delta R.T. -0.07 min
 Lab File: BG031937.D
 Acq: 5 Jan 2018 17:52

Tgt Ion:264 Resp: 477649
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.2 17.7 26.5

