

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032337.D
 Acq On : 26 Jan 2018 20:37
 Operator : SJ/JU
 Sample : J1288-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 26 23:09:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

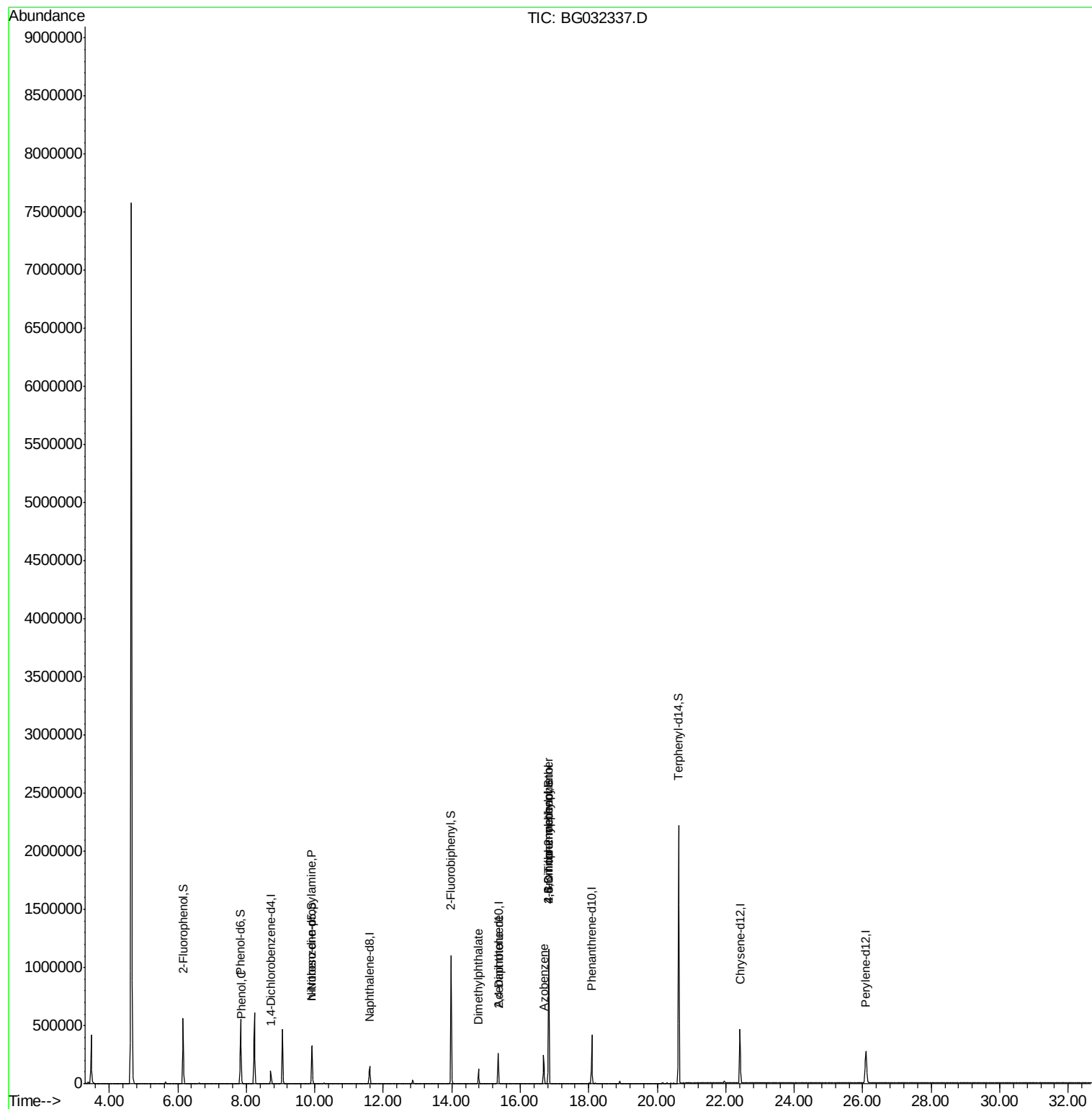
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	38303	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	148243	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	102482	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	280232	20.00	ng	0.00
75) Chrysene-d12	22.42	240	352443	20.00	ng	0.00
86) Perylene-d12	26.10	264	370761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	271703	129.74	ng	0.00
7) Phenol-d6	7.84	99	329947	125.09	ng	0.00
23) Nitrobenzene-d5	9.92	82	206787	94.37	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	251548	148.33	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	644916	78.03	ng	0.00
78) Terphenyl-d14	20.63	244	1203128	75.38	ng	0.00
Target Compounds						
10) Phenol	7.86	94	14411	5.546	ng	82
19) n-Nitroso-di-n-propylamine	9.92	70	30803	18.822	ng	# 75
49) Dimethylphthalate	14.78	163	92858	10.354	ng	# 96
56) 2,4-Dinitrotoluene	15.36	165	13814	5.512	ng	# 16
62) Azobenzene	16.68	77	63446	11.659	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.83	198	758	5.264	ng	# 1
66) 4-Bromophenyl-phenylether	16.83	248	21533	5.401	ng	# 1

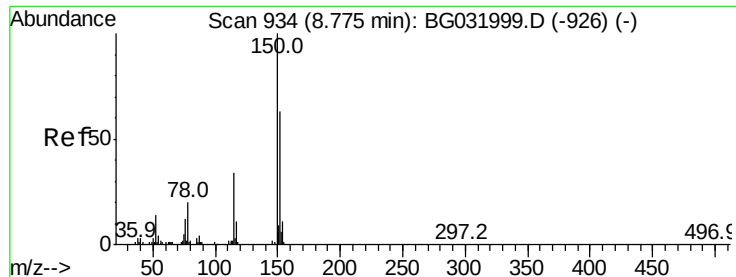
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



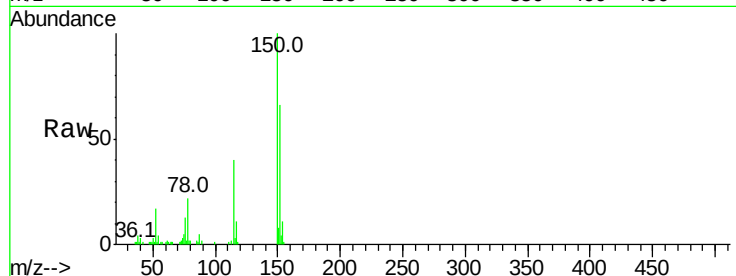


#1

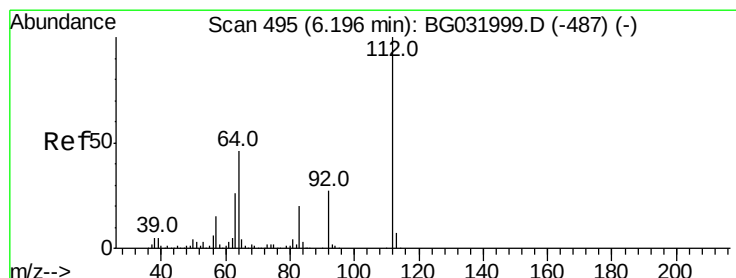
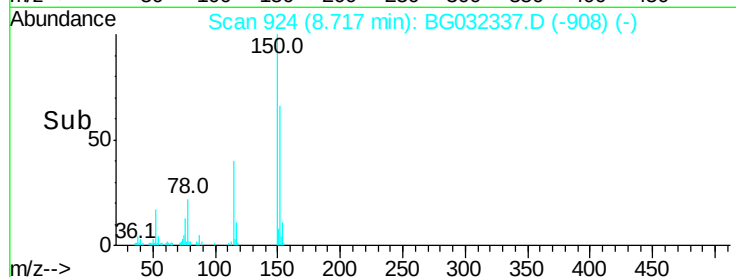
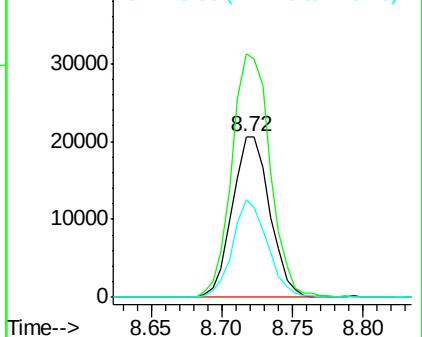
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38303
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 60.8 53.0 79.4



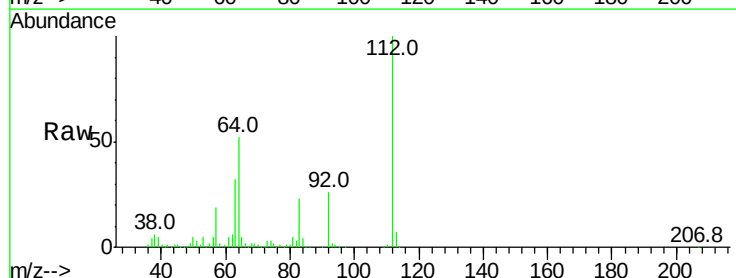
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



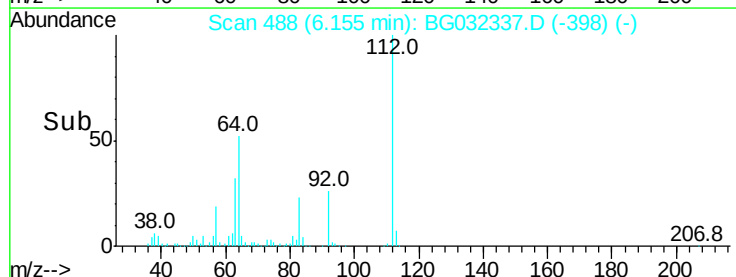
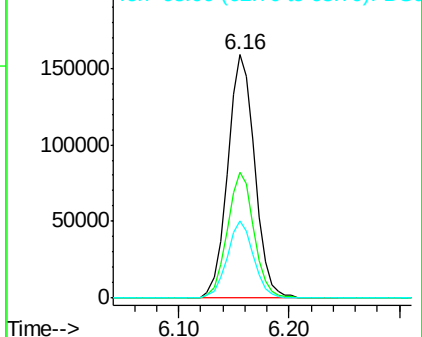
#5

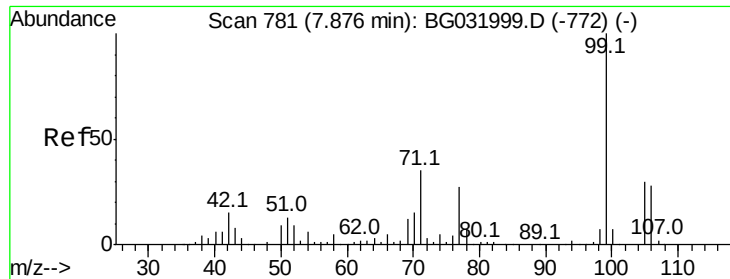
2-Fluorophenol
Concen: 129.736 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:112 Resp: 271703
Ion Ratio Lower Upper
112 100
64 51.6 56.3 84.5#
63 31.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.093 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Instrument :

BNA_G

ClientSampled :

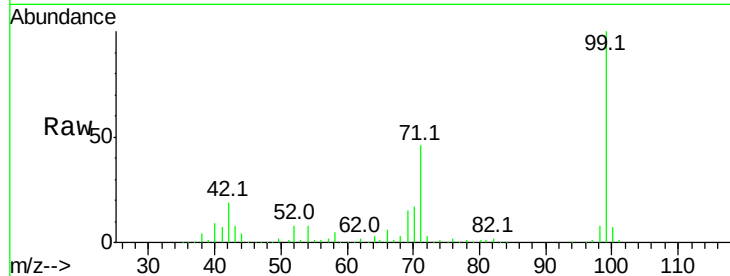
Tot Ion: 99 Resp: 329947

Ion Ratio Lower Upper

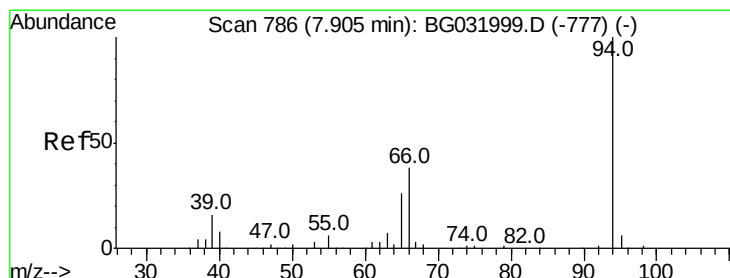
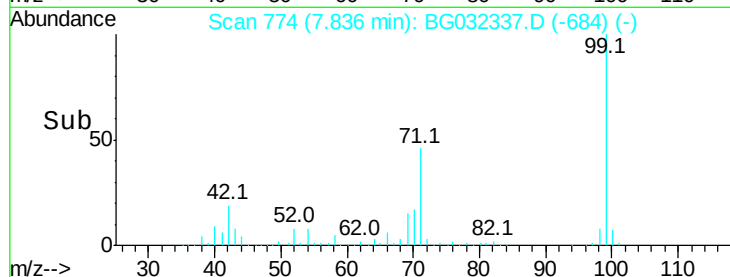
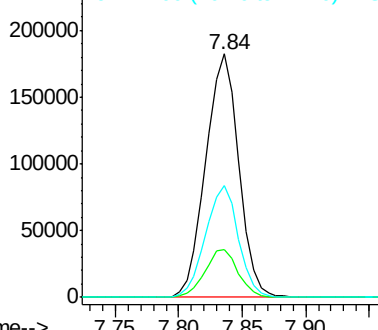
99 100

42 19.4 14.1 21.1

71 45.9 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



#10

Phenol

Concen: 5.546 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

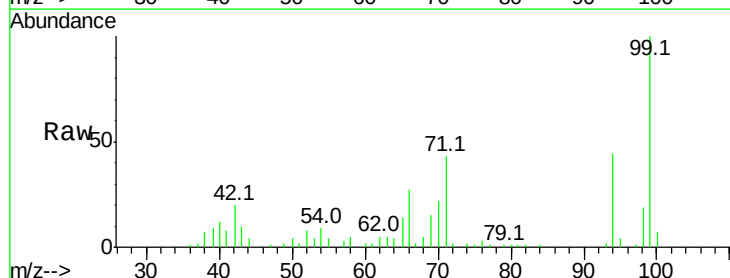
Tgt Ion: 94 Resp: 14411

Ion Ratio Lower Upper

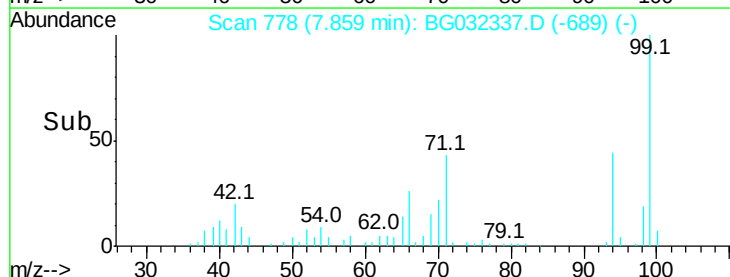
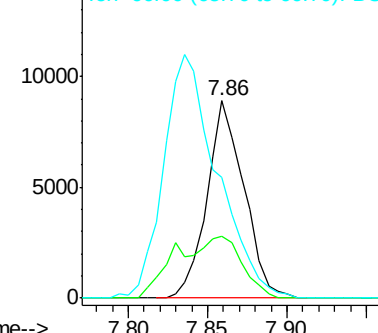
94 100

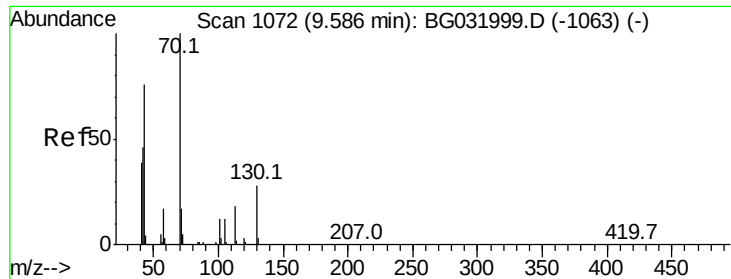
65 31.3 11.9 51.9

66 61.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

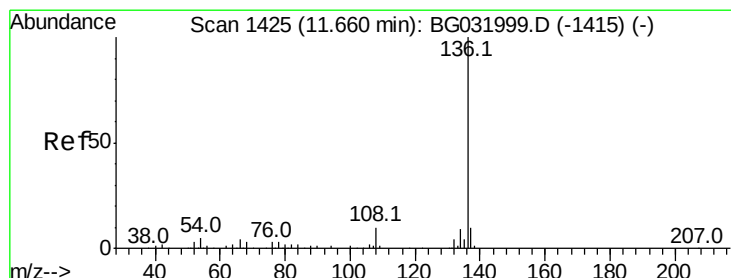
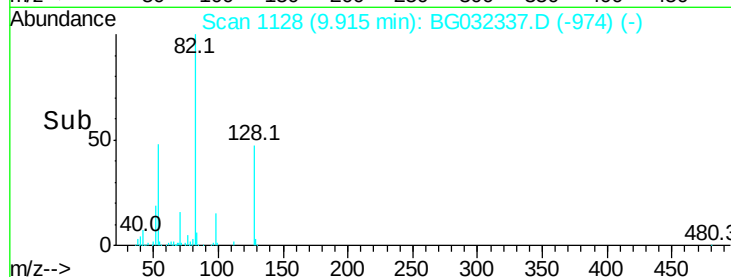
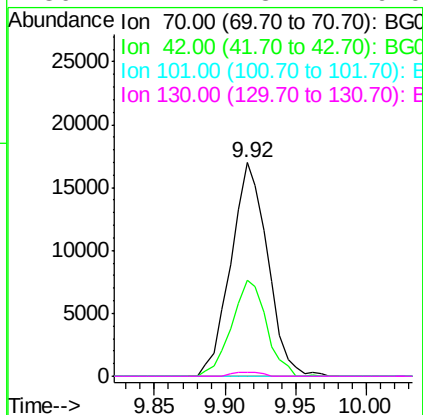
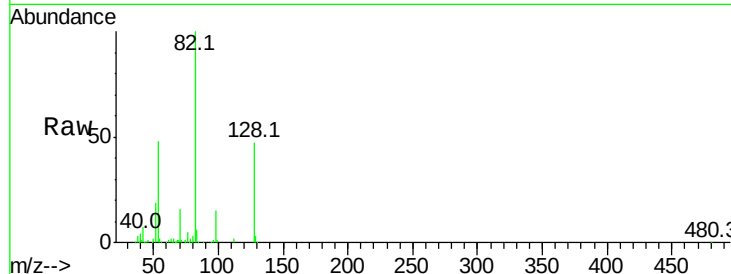




#19
n-Nitroso-di-n-propylamine
Concen: 18.822 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

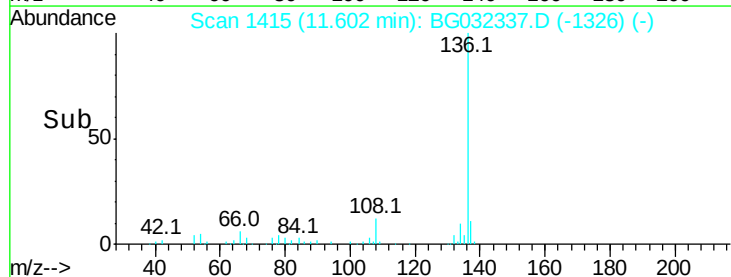
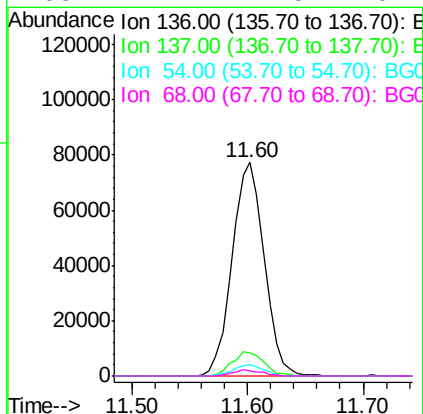
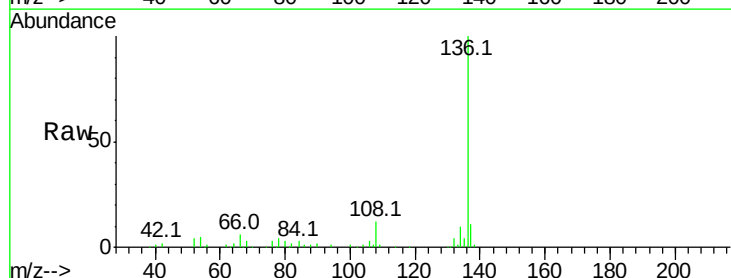
Instrument :
BNA_G
ClientSampled :

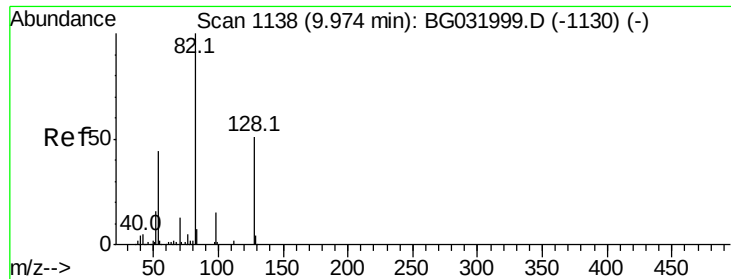
Tot Ion: 70 Resp: 30803
Ion Ratio Lower Upper
70 100
42 44.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion: 136 Resp: 148243
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 5.5 10.3 15.5#
68 2.7 4.5 6.7#

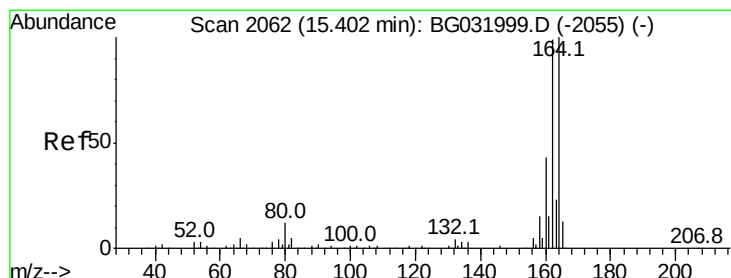
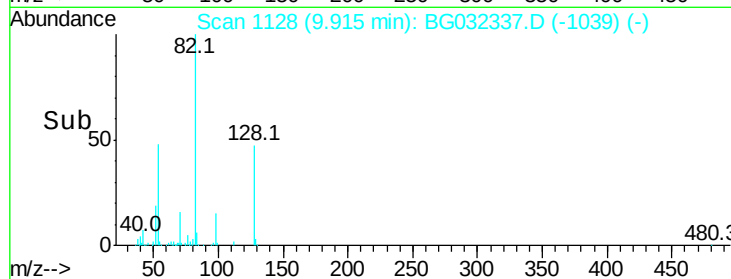
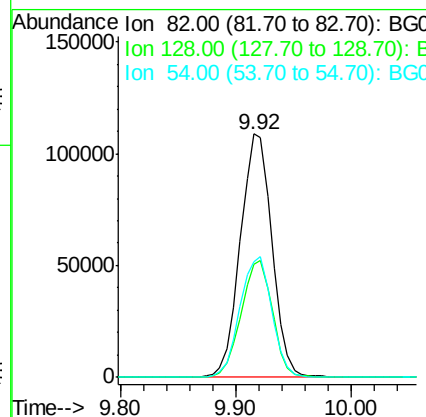
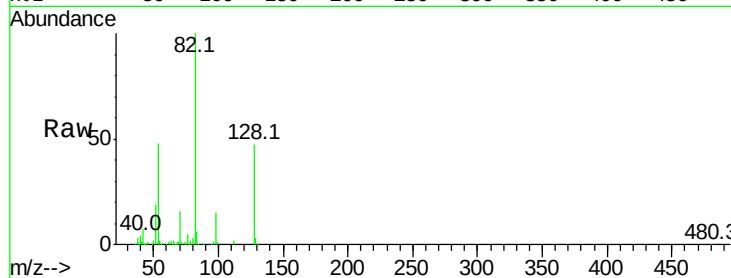




#23
 Nitrobenzene-d5
 Concen: 94.372 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032337.D
 Acq: 26 Jan 2018 20:37

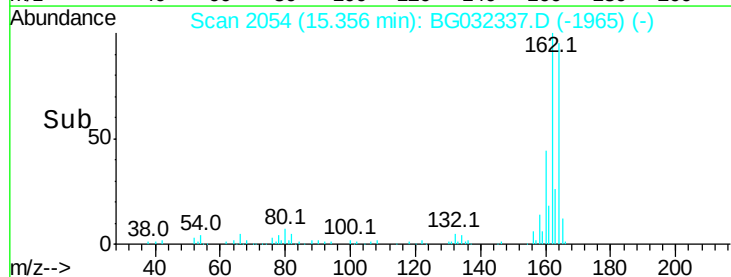
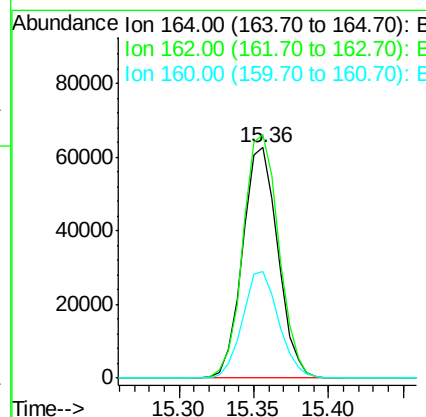
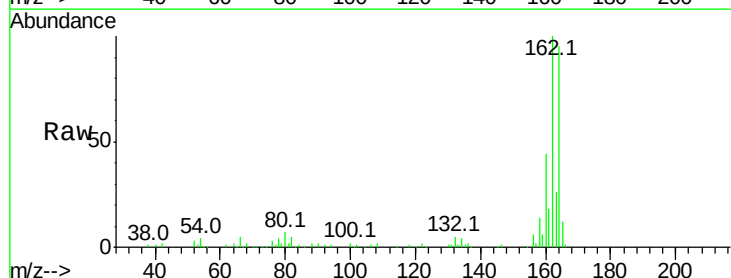
Instrument :
 BNA_G
 ClientSampleId :

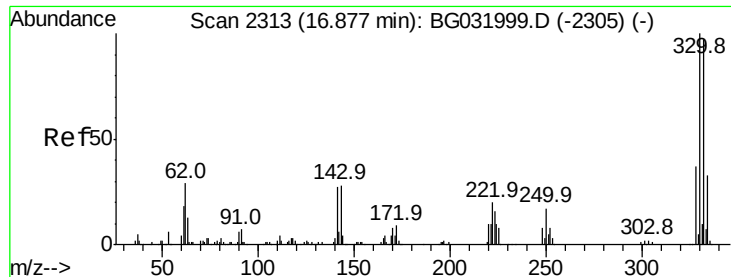
Tot Ion: 82 Resp: 206787
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 47.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032337.D
 Acq: 26 Jan 2018 20:37

Tgt Ion: 164 Resp: 102482
 Ion Ratio Lower Upper
 164 100
 162 105.5 78.8 118.2
 160 46.3 35.4 53.0

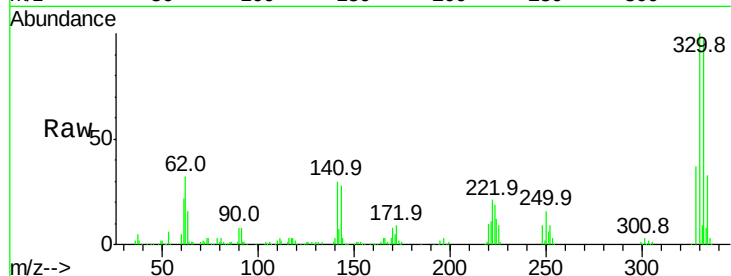




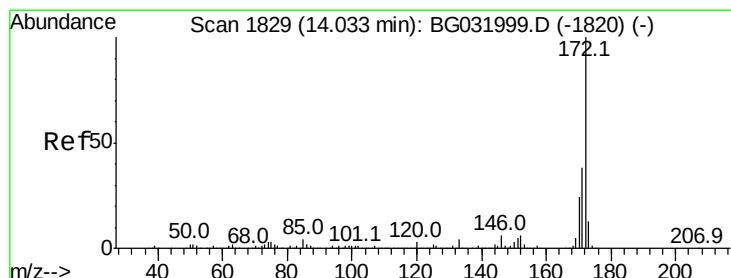
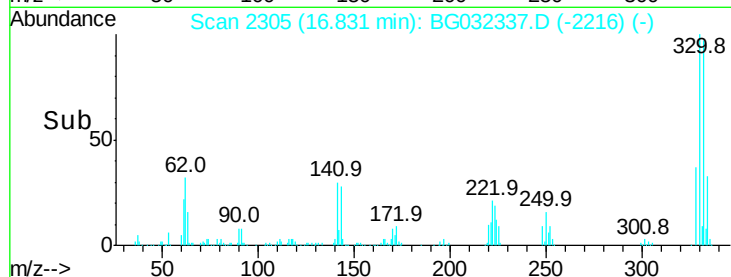
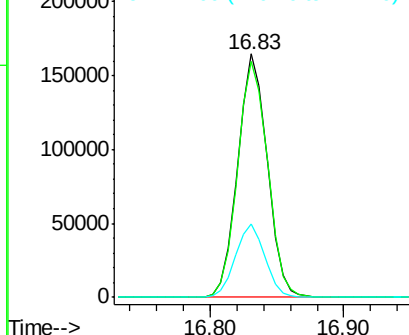
#41
 2,4,6-Tribromophenol
 Concen: 148.333 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032337.D
 Acq: 26 Jan 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	30.4	25.2	37.8

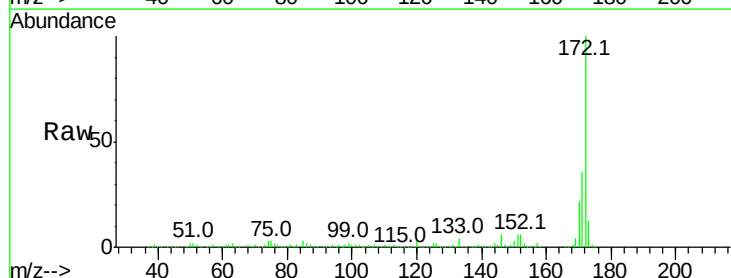


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

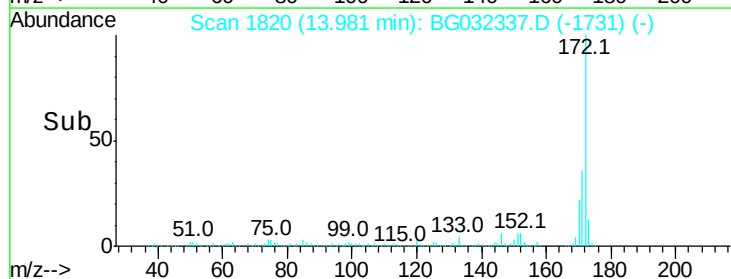
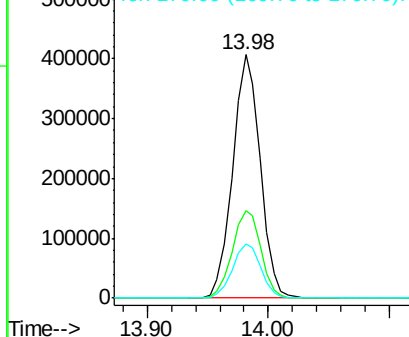


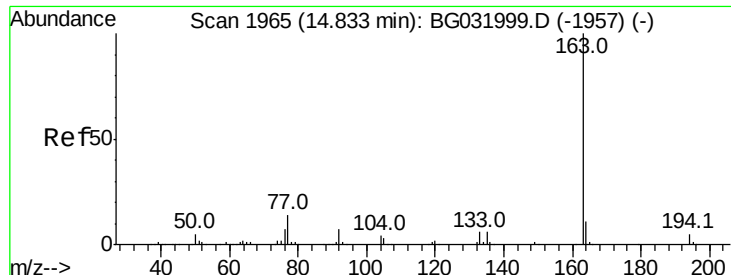
#44
 2-Fluorobiphenyl
 Concen: 78.030 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032337.D
 Acq: 26 Jan 2018 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	22.4	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





#49

Dimethylphthalate

Concen: 10.354 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Instrument :

BNA_G

ClientSampleId :

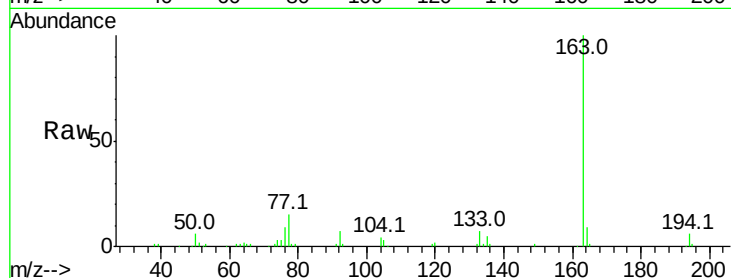
Tot Ion:163 Resp: 92858

Ion Ratio Lower Upper

163 100

194 6.2 3.4 5.2#

164 9.2 8.2 12.4

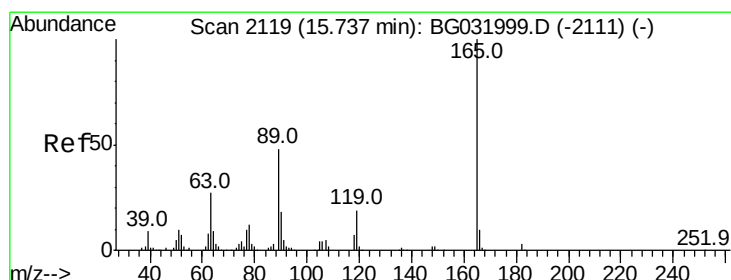
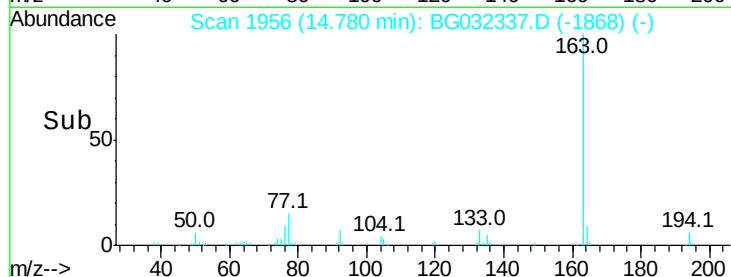
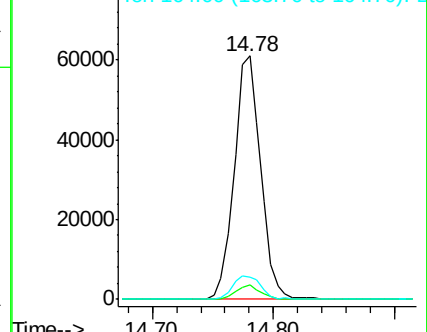


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.512 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.34 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Tgt Ion:165 Resp: 13814

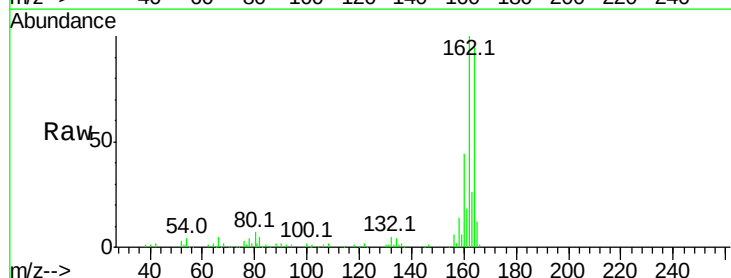
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#



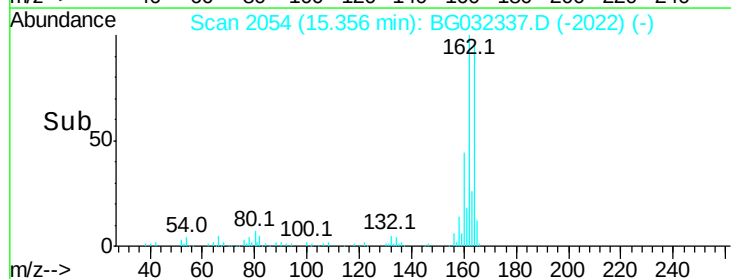
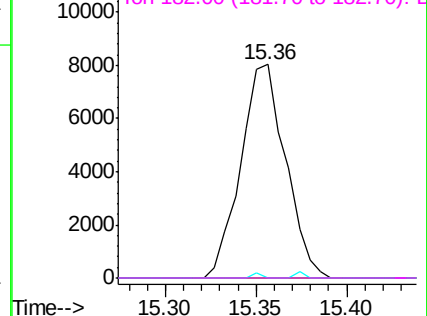
Abundance

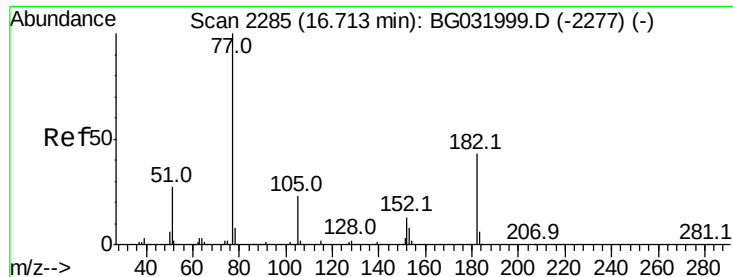
Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 11.659 ng

RT: 16.68 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 63446

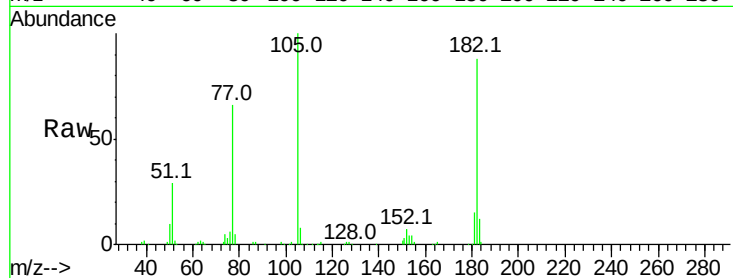
Ion Ratio Lower Upper

77 100

182 133.2 7.4 47.4#

105 151.5 0.3 40.3#

51 43.4 11.6 51.6



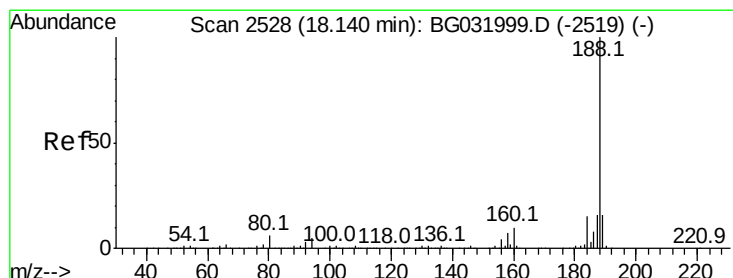
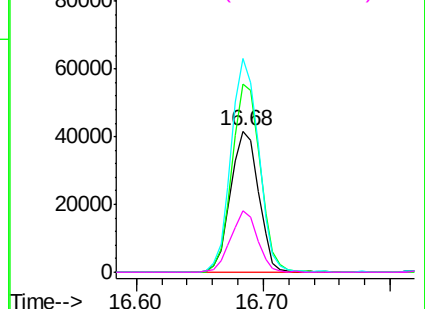
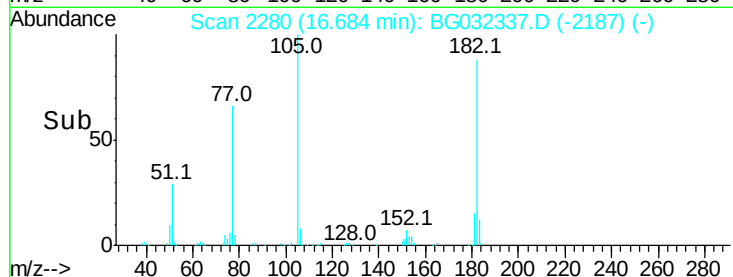
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

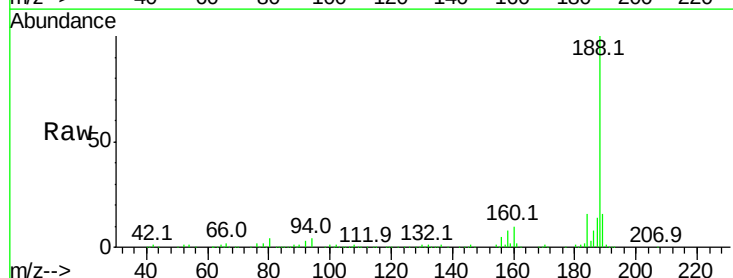
Tgt Ion: 188 Resp: 280232

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

80 4.3 7.7 11.5#

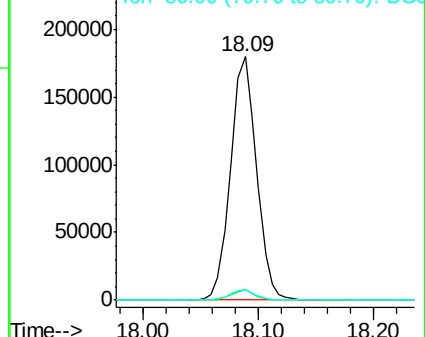
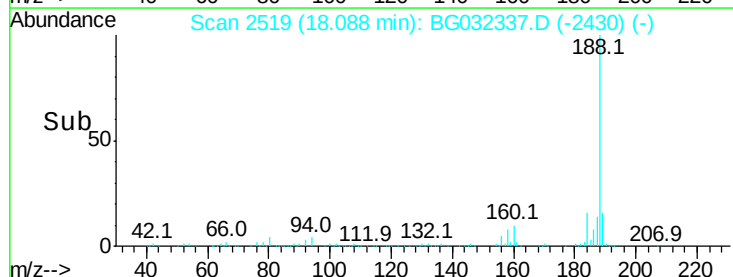


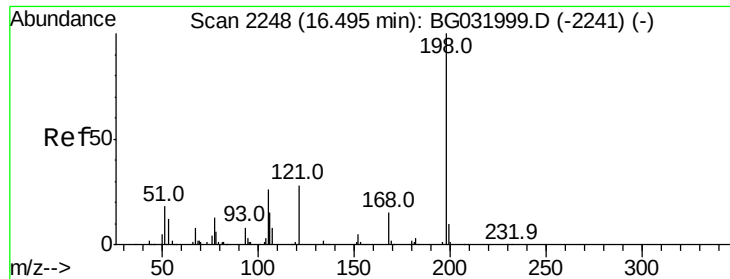
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

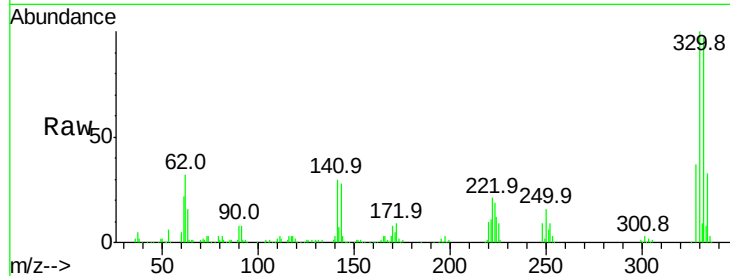




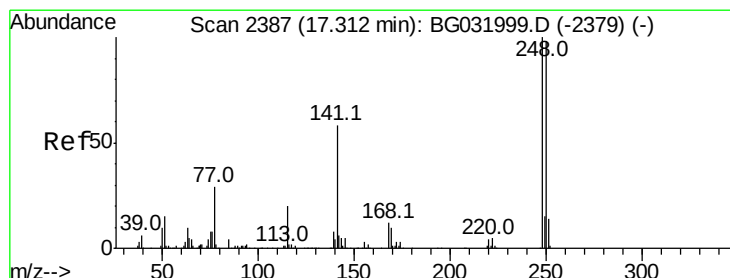
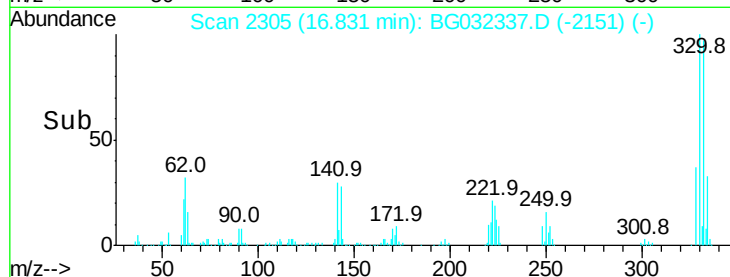
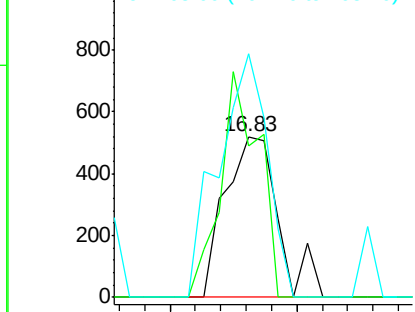
#64
4,6-Dinitro-2-methylphenol
Concen: 5.264 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.38 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 758
Ion Ratio Lower Upper
198 100
51 93.8 30.6 70.6#
105 151.5 23.8 63.8#

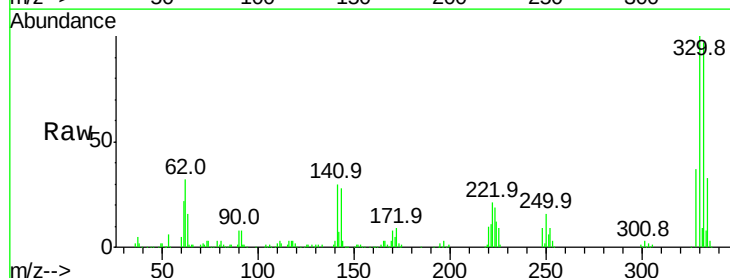


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

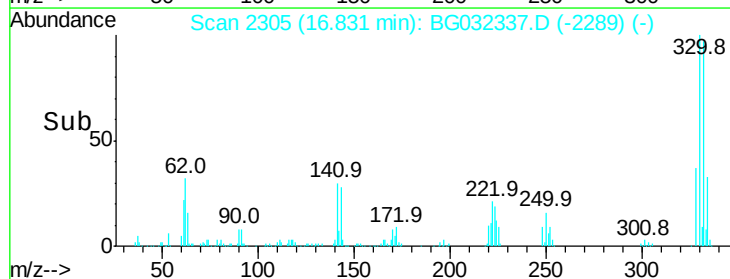
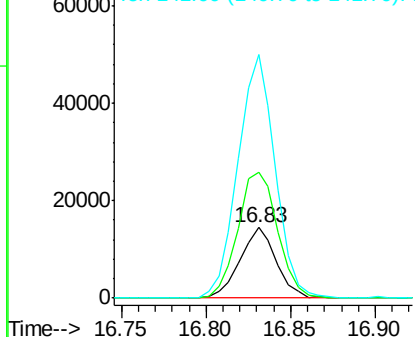


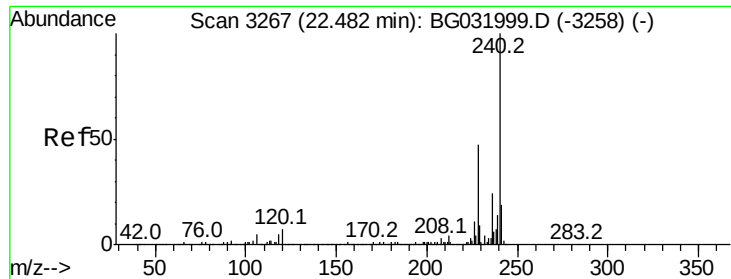
#66
4-Bromophenyl-phenylether
Concen: 5.401 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.44 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:248 Resp: 21533
Ion Ratio Lower Upper
248 100
250 179.5 77.1 115.7#
141 345.5 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

Chrvsene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

Instrument :

BNA_G

ClientSampleId :

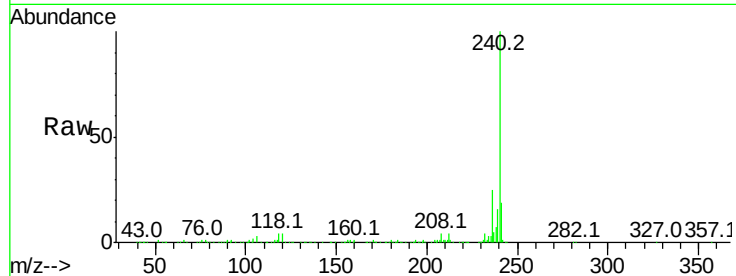
Tot Ion:240 Resp: 352443

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

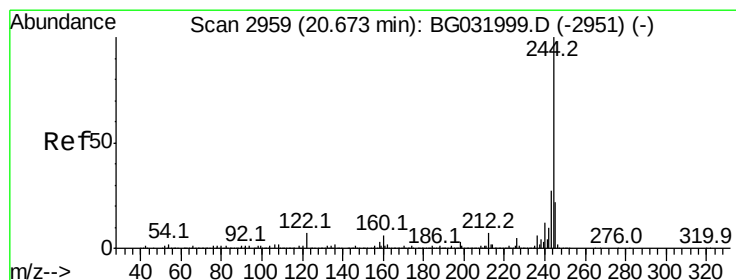
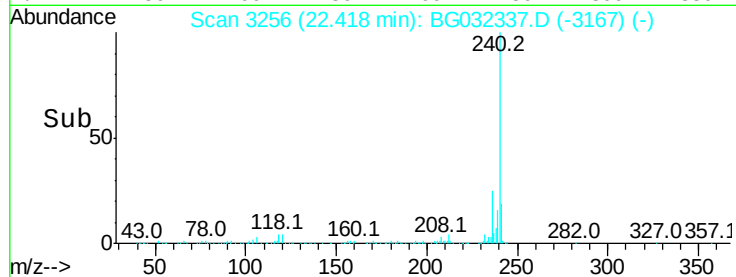
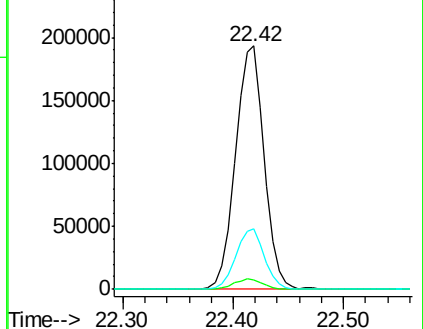
236 24.7 20.9 31.3



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: 75.376 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032337.D

Acq: 26 Jan 2018 20:37

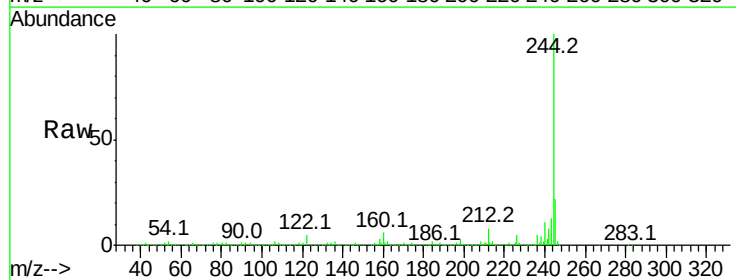
Tgt Ion:244 Resp: 1203128

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

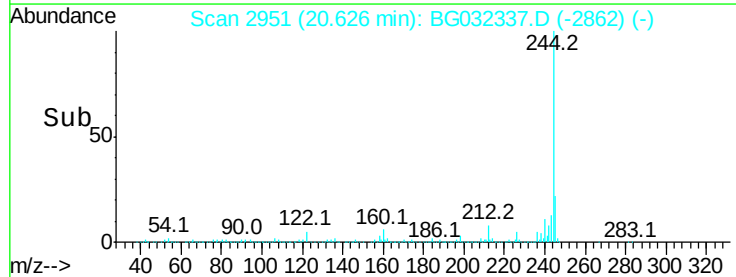
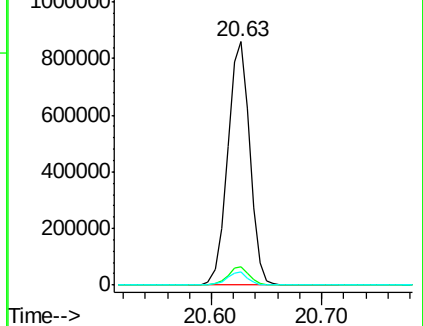
122 5.2 7.0 10.4#

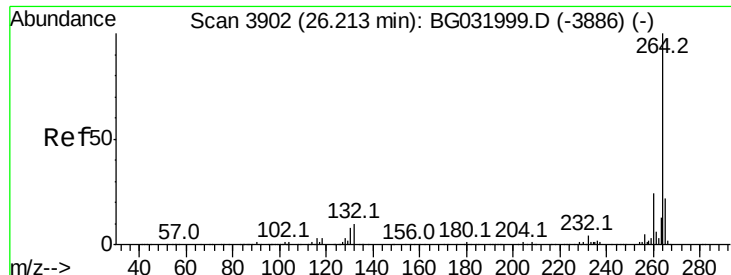


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

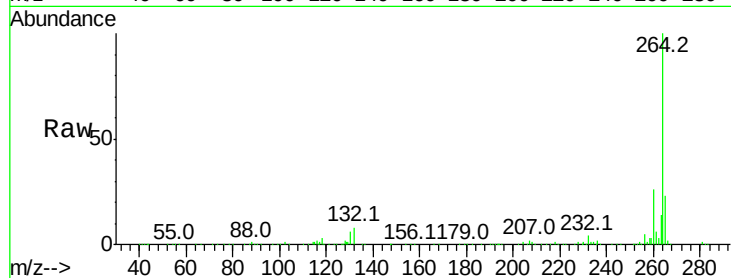




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032337.D
 Acq: 26 Jan 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.4	26.0
265	22.7	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

