

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033314.D
 Acq On : 23 Mar 2018 5:06
 Operator : SJ/JU
 Sample : J1997-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 07:03:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

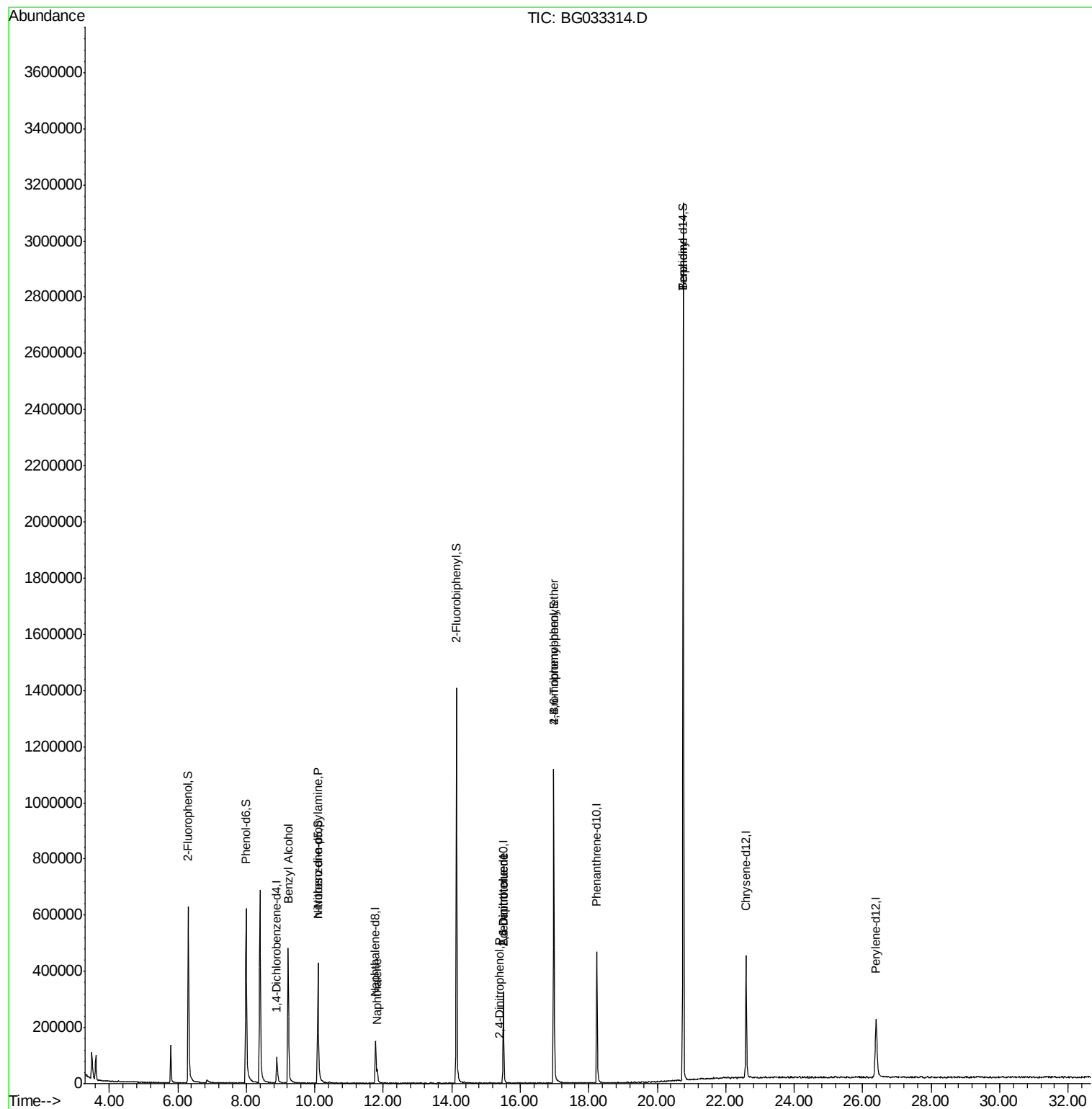
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35361	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	155089	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	124619	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	342203	20.00	ng	0.00
75) Chrysene-d12	22.59	240	330346	20.00	ng	0.00
86) Perylene-d12	26.39	264	322693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	310957	164.89	ng	0.00
7) Phenol-d6	7.99	99	434023	133.95	ng	0.00
23) Nitrobenzene-d5	10.09	82	335689	99.45	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	240787	129.19	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	826322	95.72	ng	0.00
78) Terphenyl-d14	20.76	244	1609046	104.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5332	2.090	ng	# 46
19) n-Nitroso-di-n-propylamine	10.09	70	44776	18.859	ng	# 76
31) Naphthalene	11.83	128	43629	5.429	ng	# 94
50) 2,6-Dinitrotoluene	15.51	165	15356	6.925	ng	# 18
53) 2,4-Dinitrophenol	15.39	184	54	7.685	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	15356	4.703	ng	# 16
66) 4-Bromophenyl-phenylether	16.98	248	18490	4.601	ng	# 1
76) Benzidine	20.76	184	28065	3.133	ng	# 93

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033314.D
Acq On : 23 Mar 2018 5:06
Operator : SJ/JU
Sample : J1997-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 07:03:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration



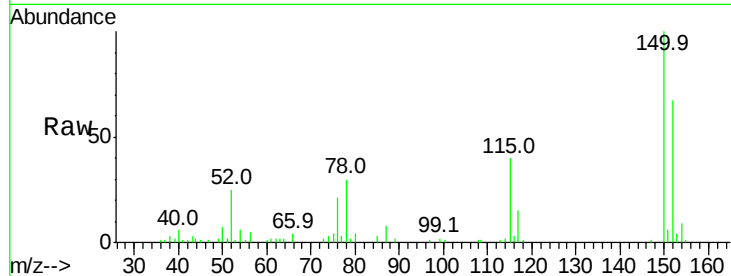


#1

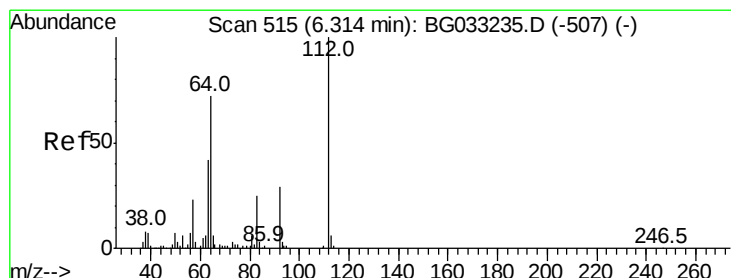
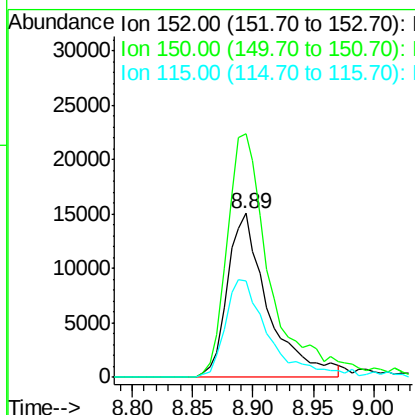
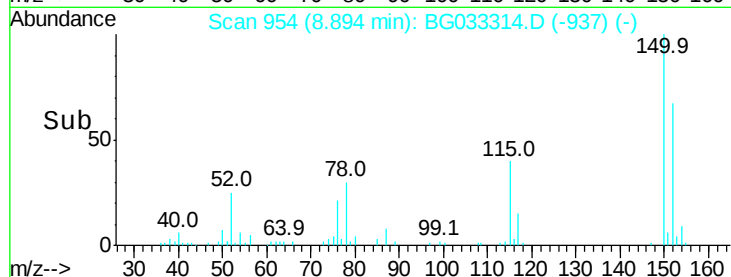
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 35361
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 58.9 53.0 79.4



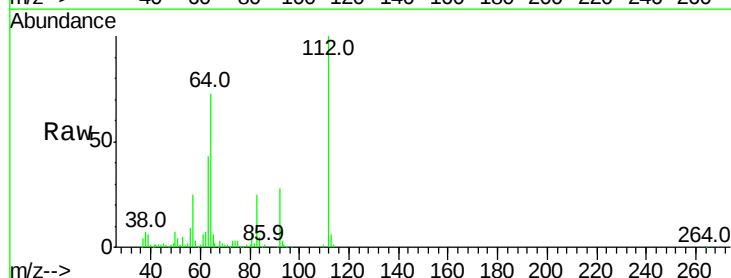
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



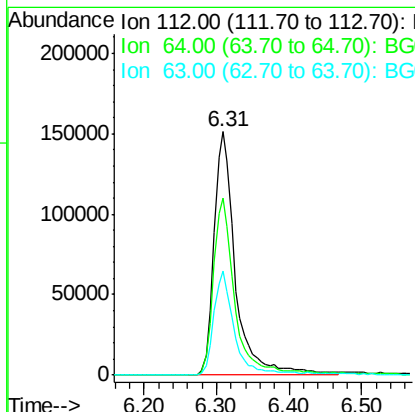
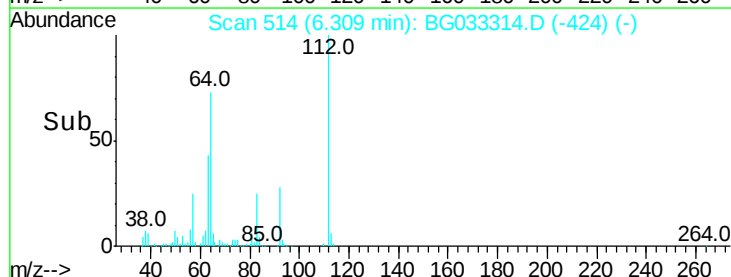
#5

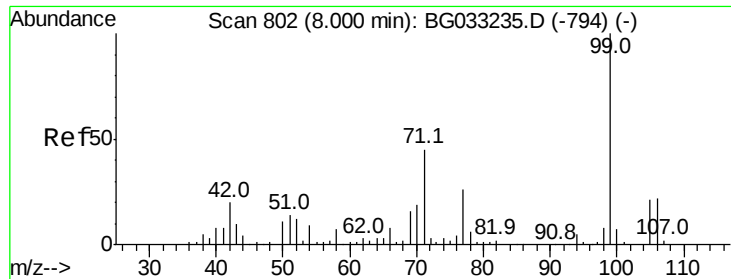
2-Fluorophenol
Concen: 164.894 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Tgt Ion:112 Resp: 310957
Ion Ratio Lower Upper
112 100
64 72.8 56.3 84.5
63 43.0 30.1 45.1



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





#7

Phenol-d6

Concen: 133.950 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampled :

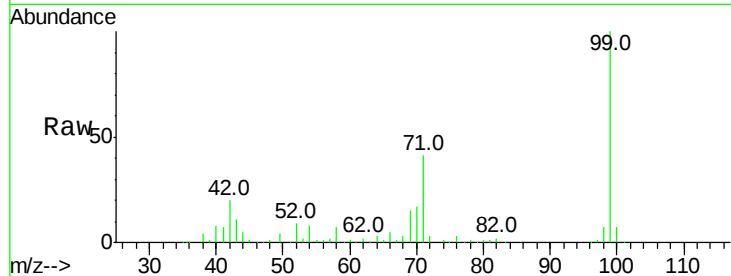
Tot Ion: 99 Resp: 434023

Ion Ratio Lower Upper

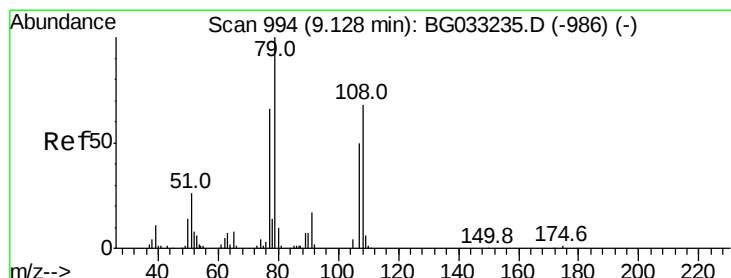
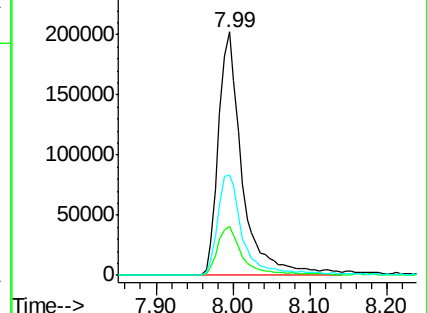
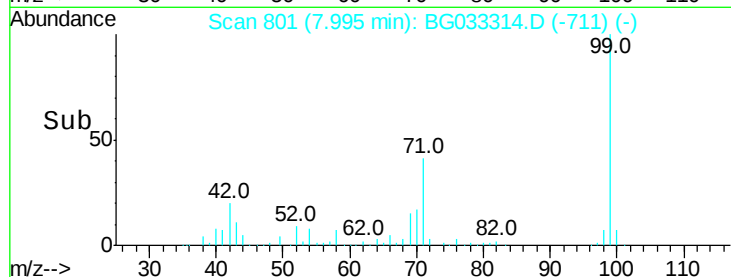
99 100

42 20.4 14.1 21.1

71 41.3 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: 2.090 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

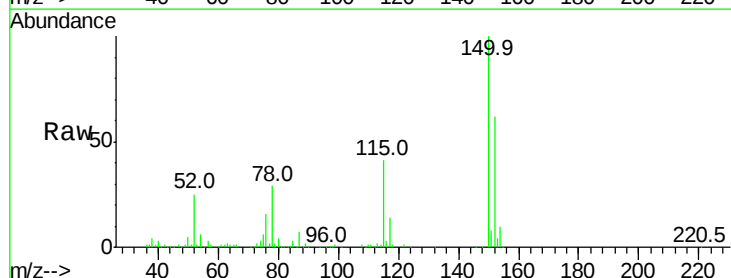
Tgt Ion: 79 Resp: 5332

Ion Ratio Lower Upper

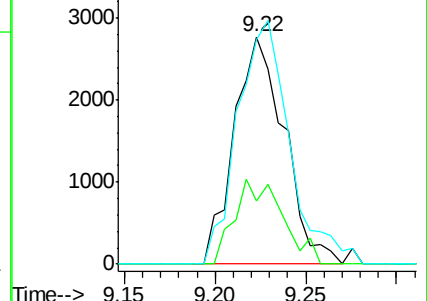
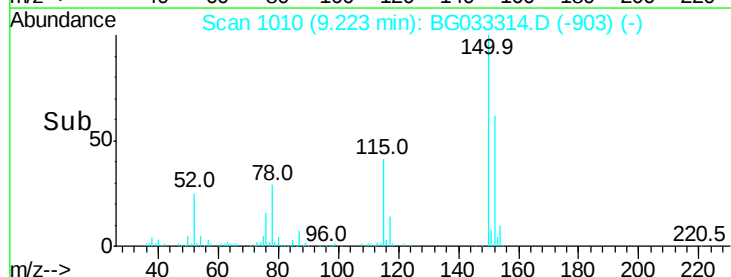
79 100

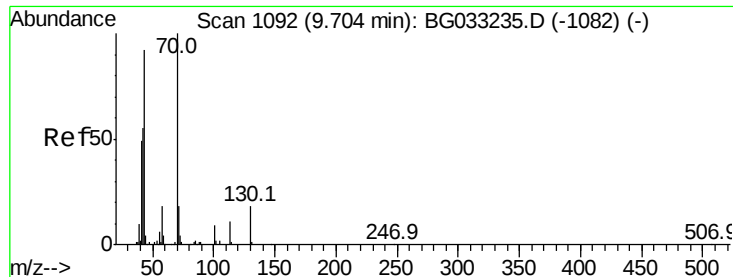
108 28.0 57.2 85.8#

77 98.8 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

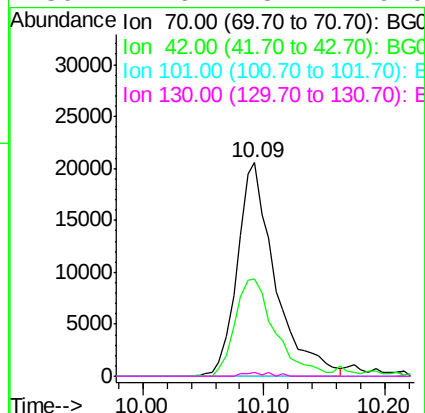
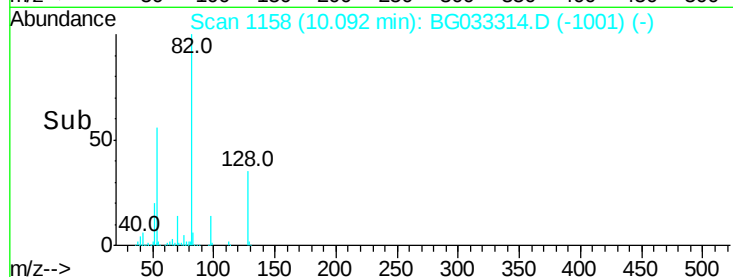
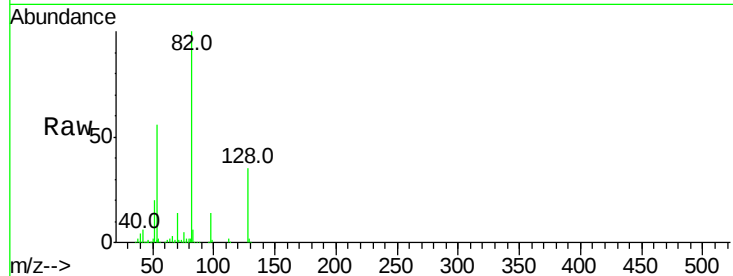




#19
n-Nitroso-di-n-propylamine
Concen: 18.859 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

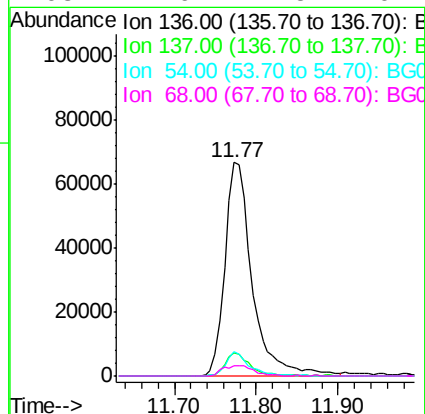
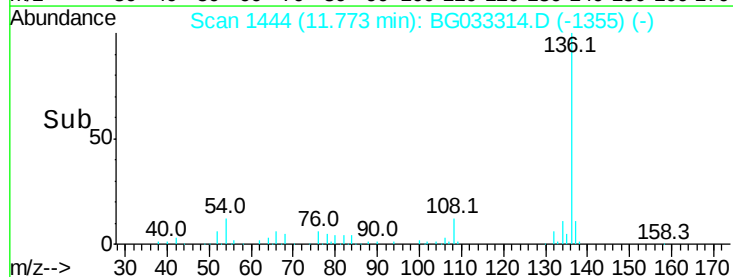
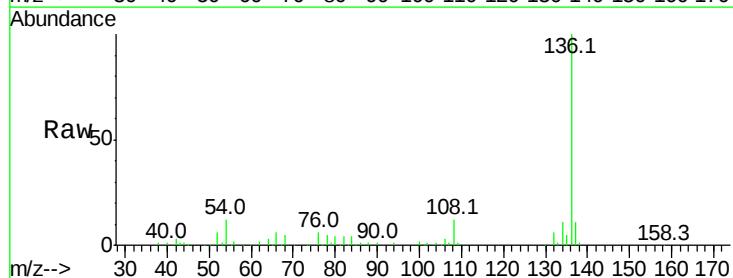
Instrument :
BNA_G
ClientSampleId :

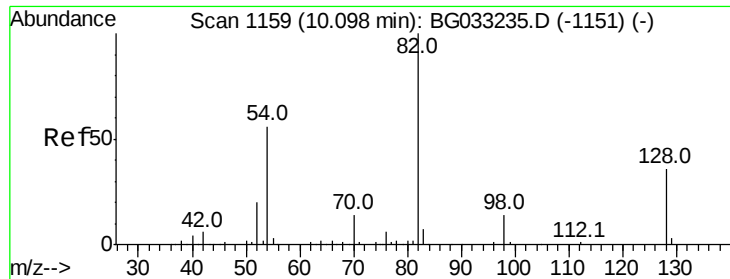
Tot Ion: 70 Resp: 44776
Ion Ratio Lower Upper
70 100
42 45.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Tgt Ion: 136 Resp: 155089
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 11.6 10.3 15.5
68 4.6 4.5 6.7

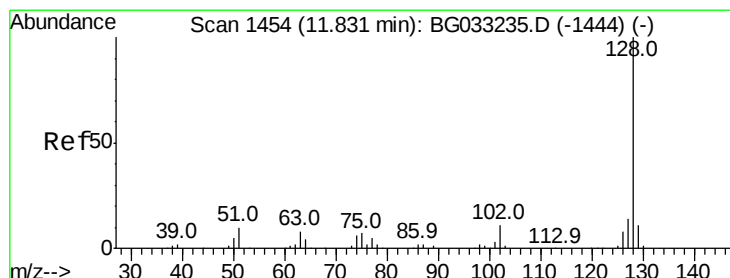
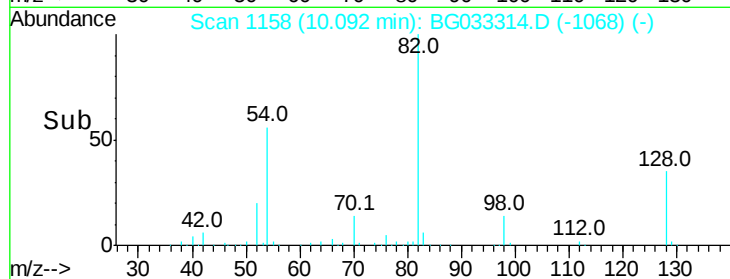
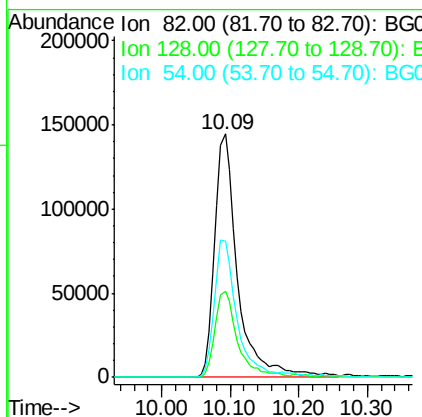
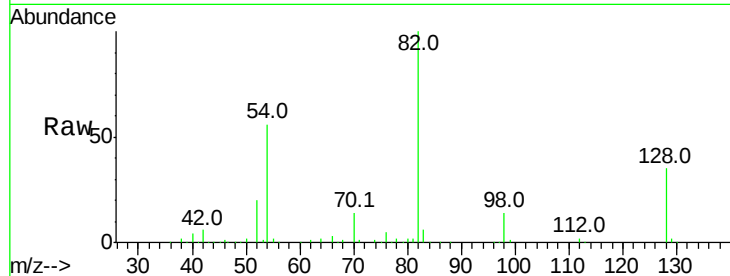




#23
Nitrobenzene-d5
Concen: 99.446 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

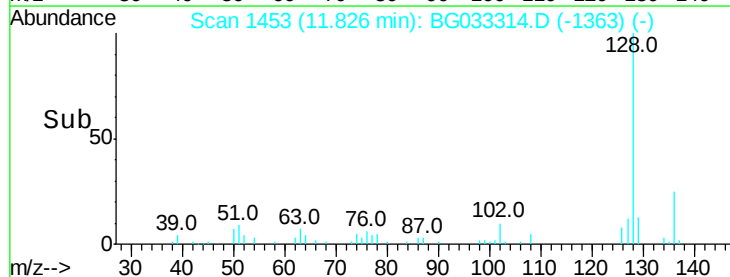
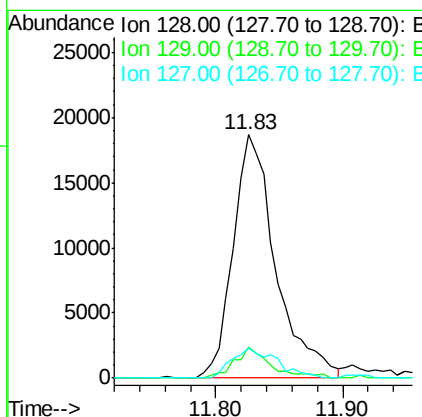
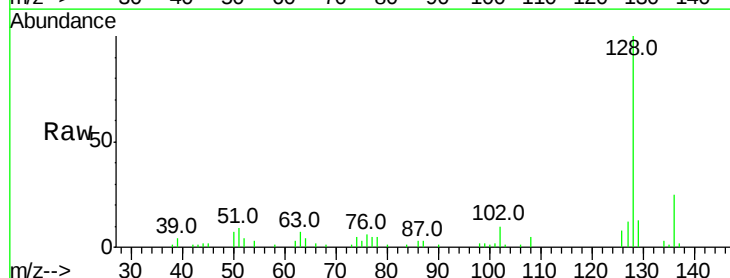
Instrument :
BNA_G
ClientSampled :

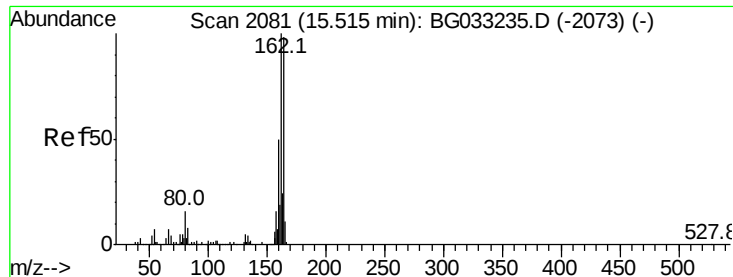
Tot Ion: 82 Resp: 335689
Ion Ratio Lower Upper
82 100
128 35.5 29.7 44.5
54 55.8 43.1 64.7



#31
Naphthalene
Concen: 5.429 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BG033314.D
Acq: 23 Mar 2018 5:06

Tgt Ion: 128 Resp: 43629
Ion Ratio Lower Upper
128 100
129 12.7 8.6 12.8
127 12.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampled :

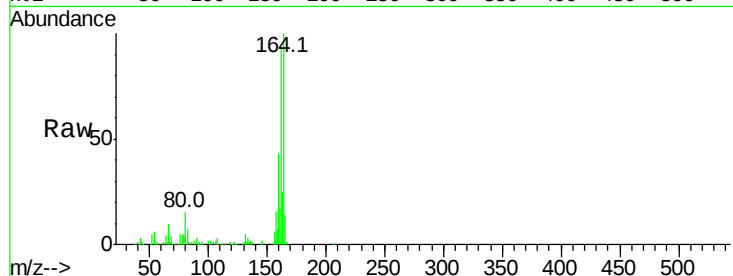
Tot Ion:164 Resp: 124619

Ion Ratio Lower Upper

164 100

162 93.4 78.8 118.2

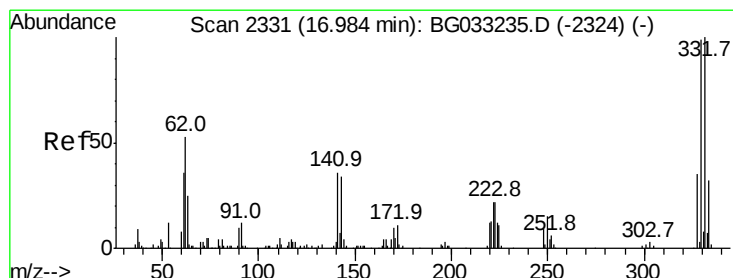
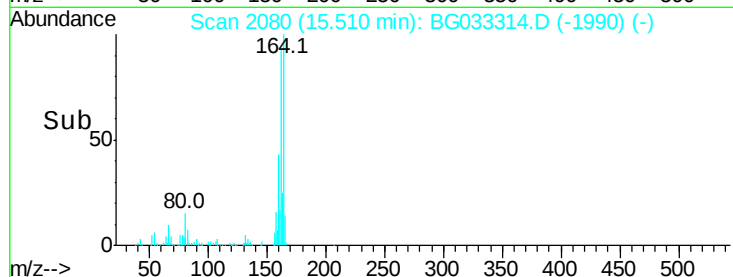
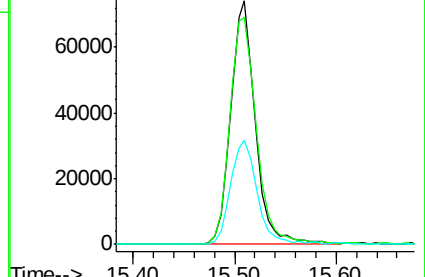
160 43.0 35.4 53.0



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: 129.190 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

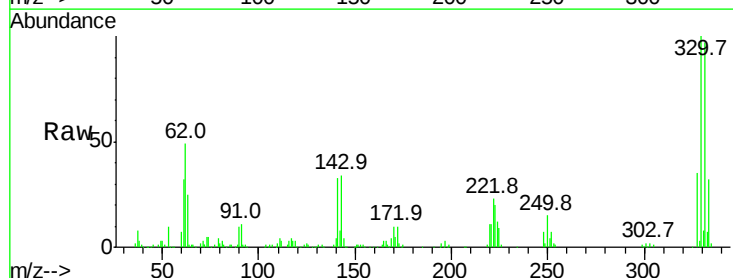
Tgt Ion:330 Resp: 240787

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

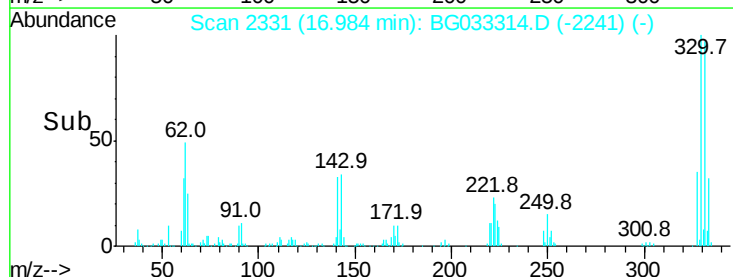
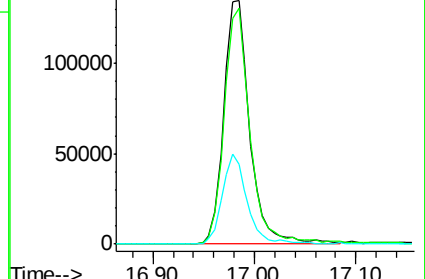
141 35.4 25.2 37.8

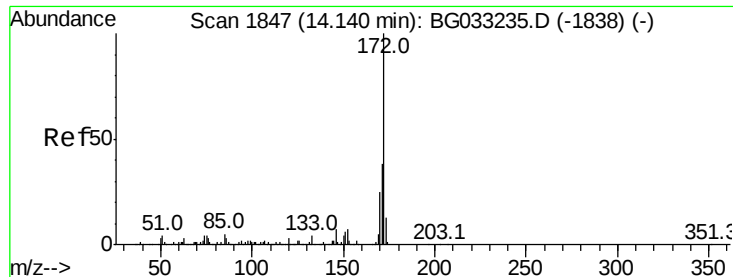


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

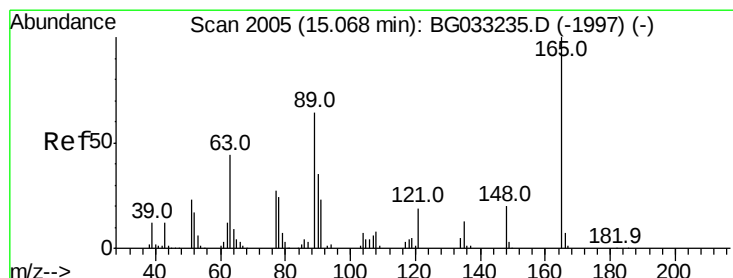
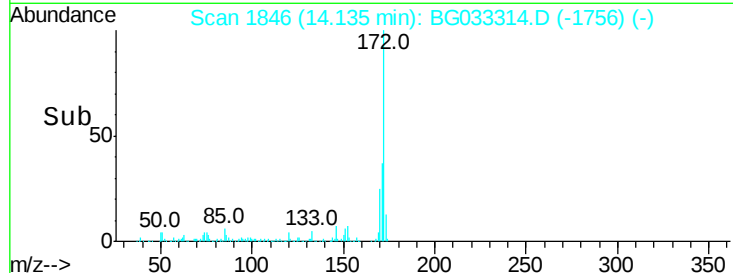
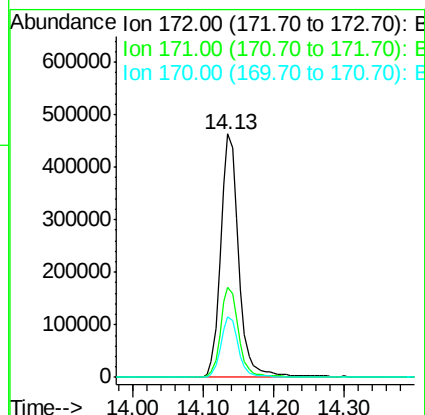
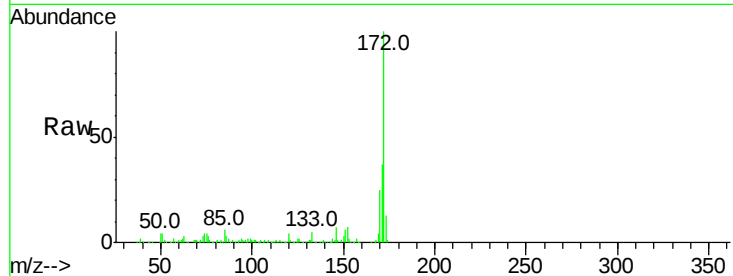




#44
 2-Fluorobiphenyl
 Concen: 95.724 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033314.D
 Acq: 23 Mar 2018 5:06

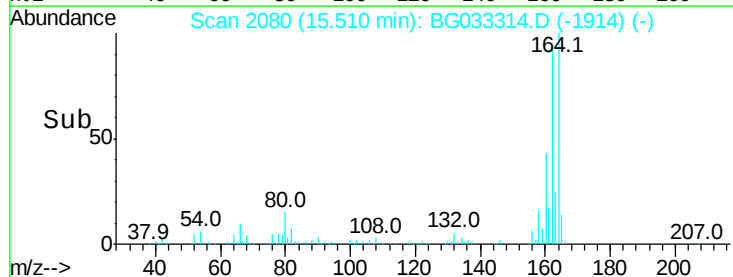
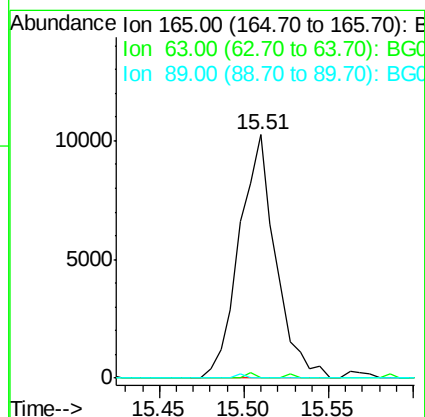
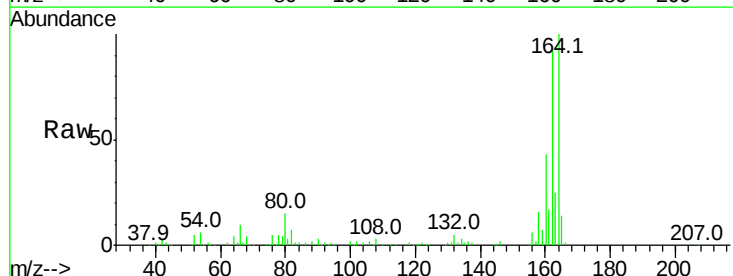
Instrument :
 BNA_G
 ClientSampleId :

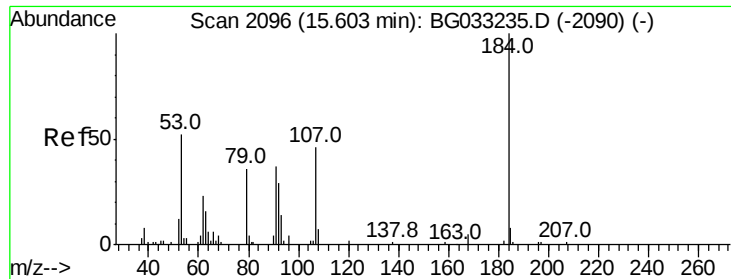
Tot Ion:172 Resp: 826322
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.925 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.44 min
 Lab File: BG033314.D
 Acq: 23 Mar 2018 5:06

Tgt Ion:165 Resp: 15356
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#53

2,4-Dinitrophenol

Concen: 7.685 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.22 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampleId :

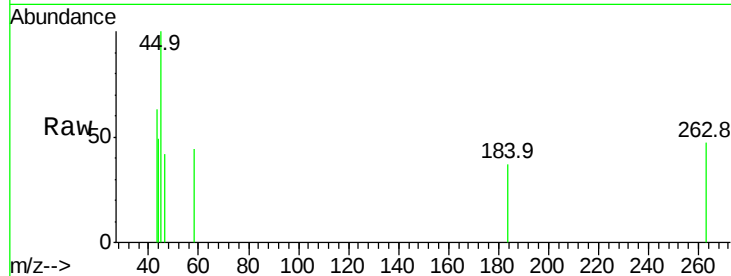
Tot Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

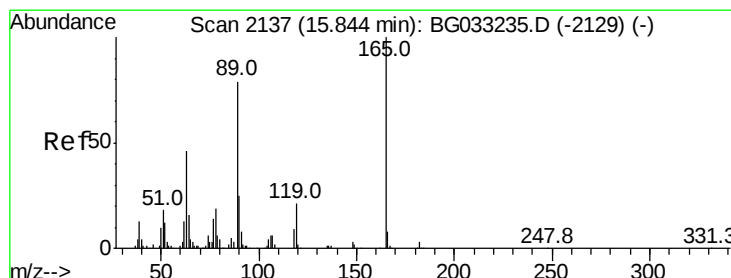
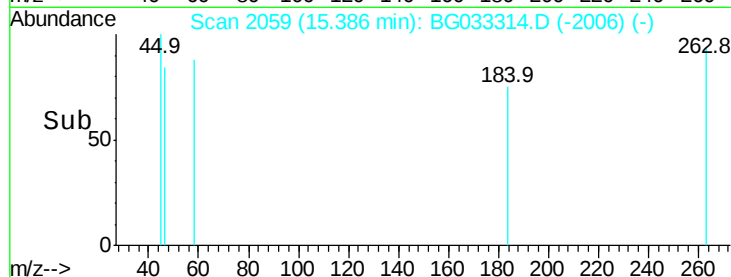
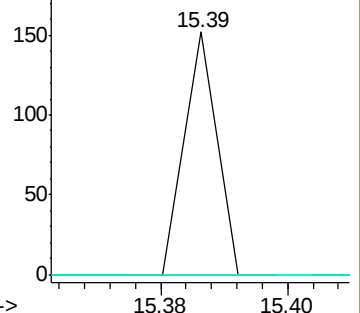
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 4.703 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.34 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Tgt Ion:165 Resp: 15356

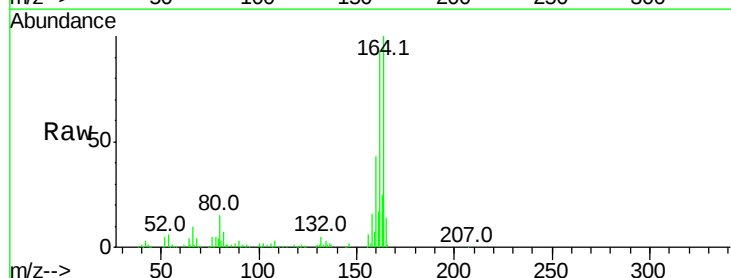
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

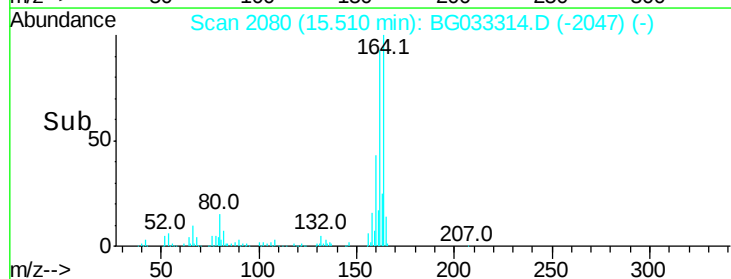
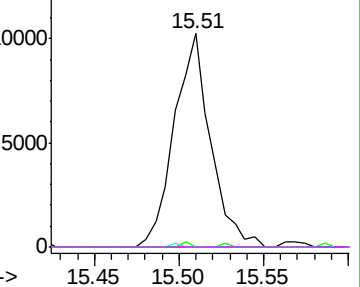


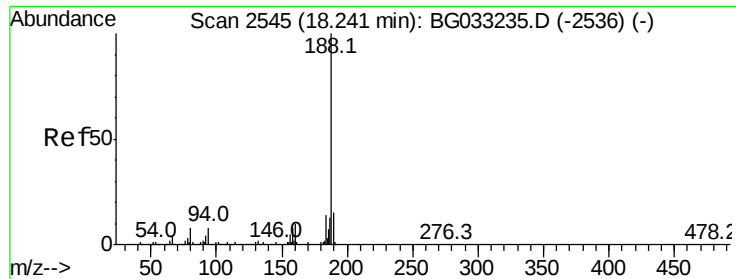
Abundance Ion 165.00 (164.70 to 165.70): E

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

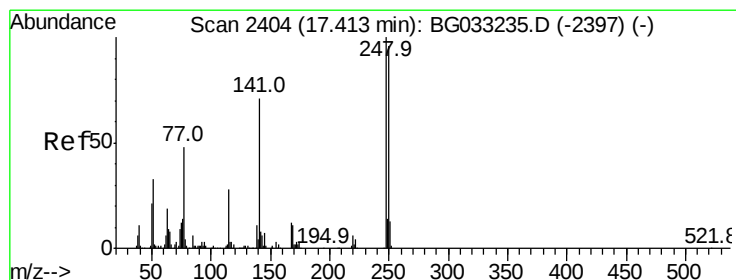
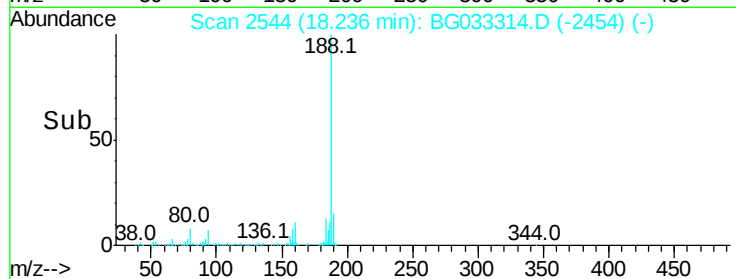
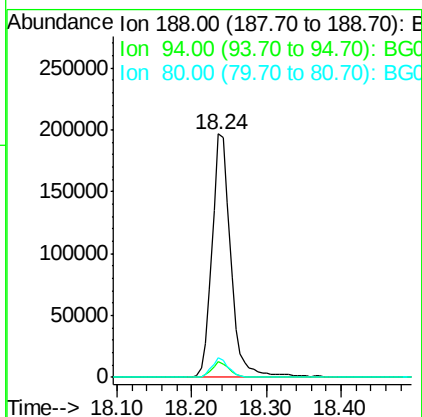
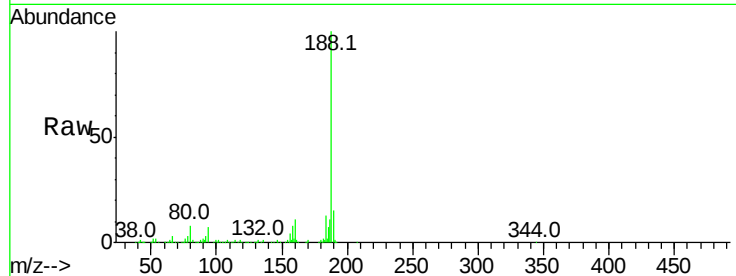




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BG033314.D
 Acq: 23 Mar 2018 5:06

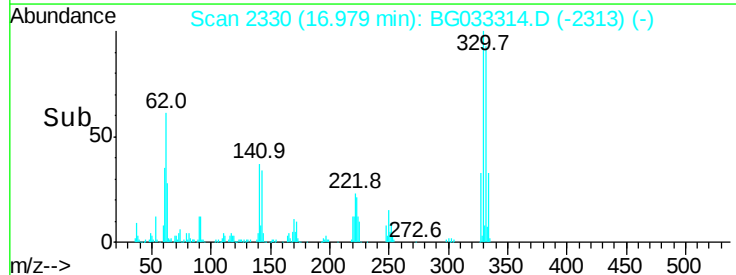
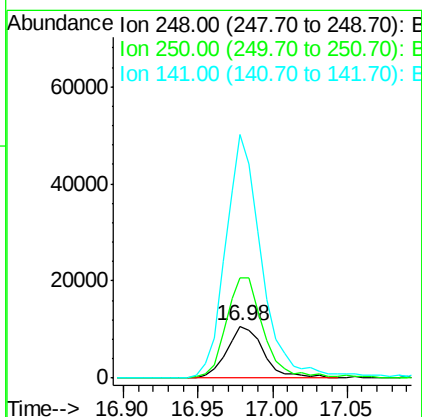
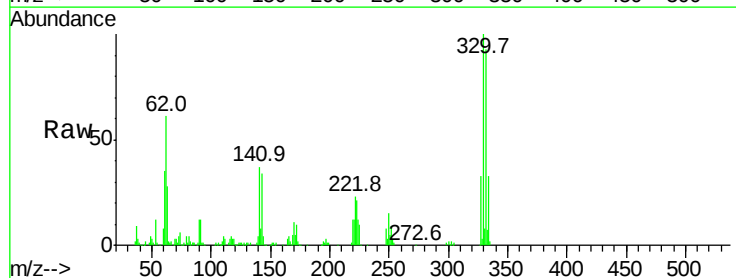
Instrument :
 BNA_G
 ClientSampleId :

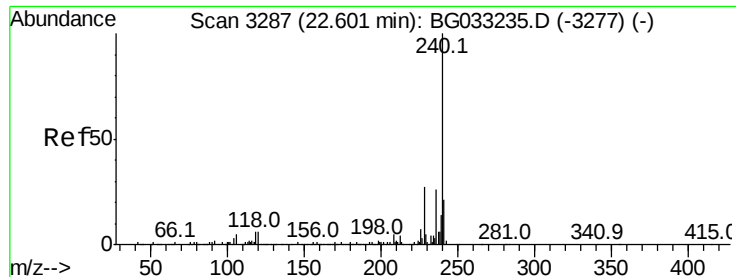
Tot Ion:188 Resp: 342203
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.9 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.601 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.43 min
 Lab File: BG033314.D
 Acq: 23 Mar 2018 5:06

Tgt Ion:248 Resp: 18490
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.1 115.7#
 141 469.6 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampleId :

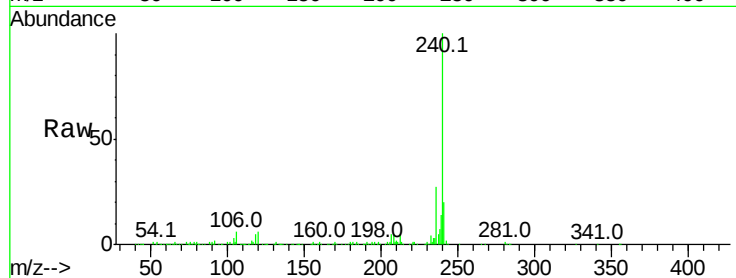
Tot Ion:240 Resp: 330346

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

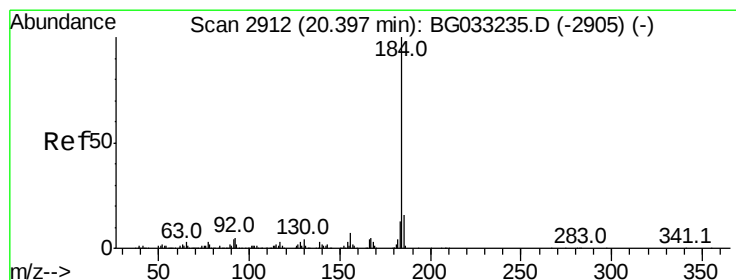
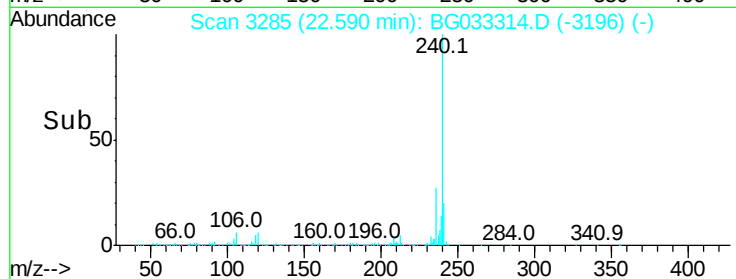
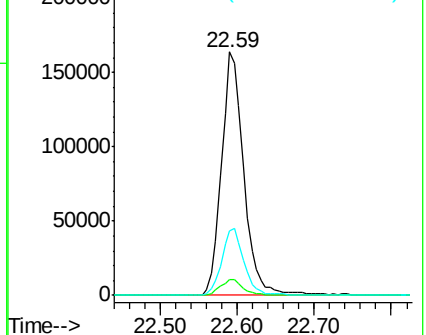
236 26.7 20.9 31.3



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



#76

Benzidine

Concen: 3.133 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

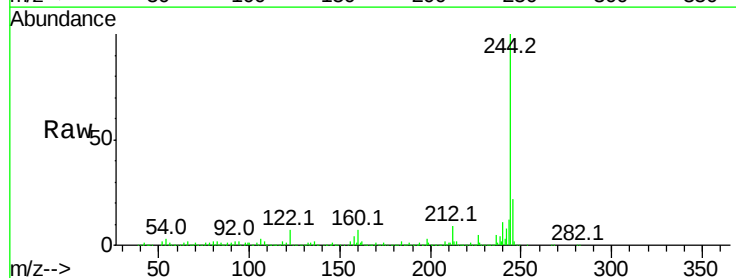
Tgt Ion:184 Resp: 28065

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

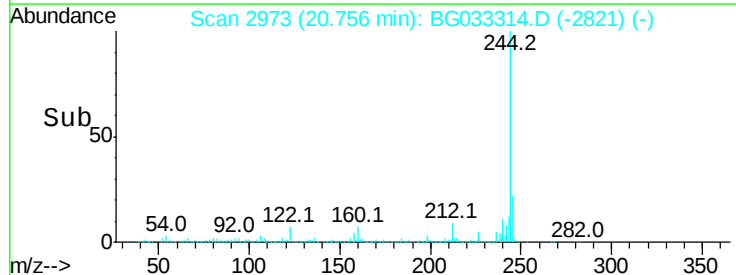
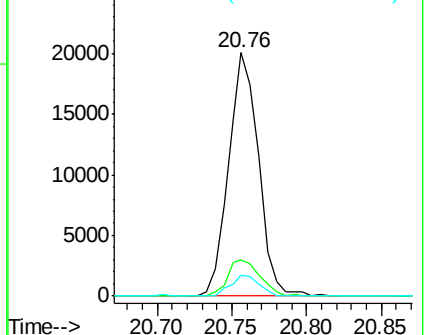
183 8.5 10.6 16.0#

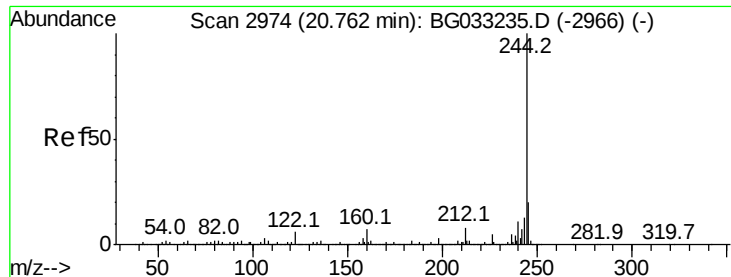


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.167 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

Instrument :

BNA_G

ClientSampleId :

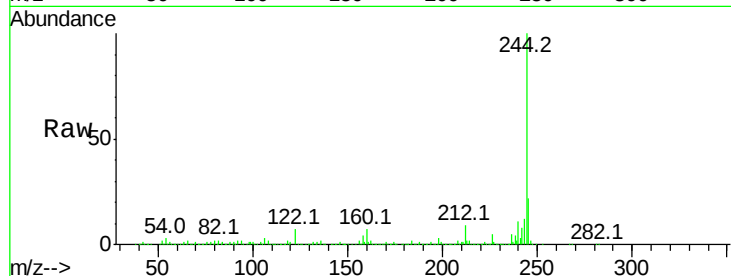
Tot Ion:244 Resp: 1609046

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

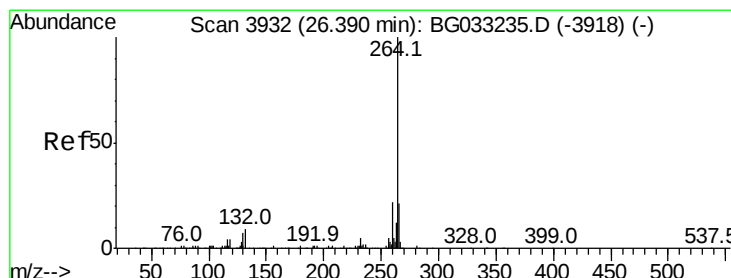
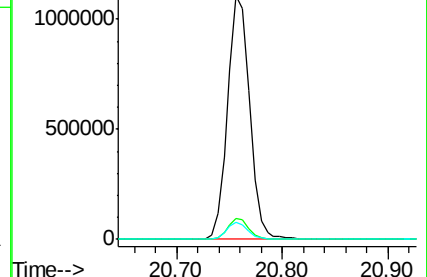
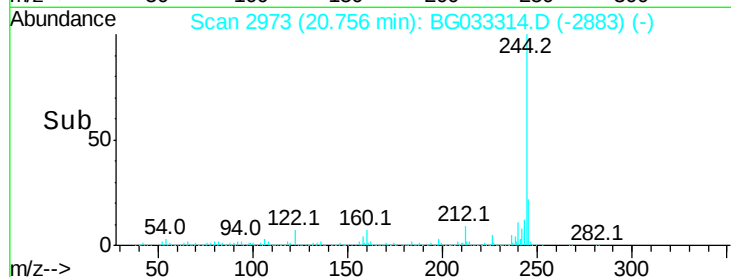
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.39 min Scan# 3931

Delta R.T. -0.00 min

Lab File: BG033314.D

Acq: 23 Mar 2018 5:06

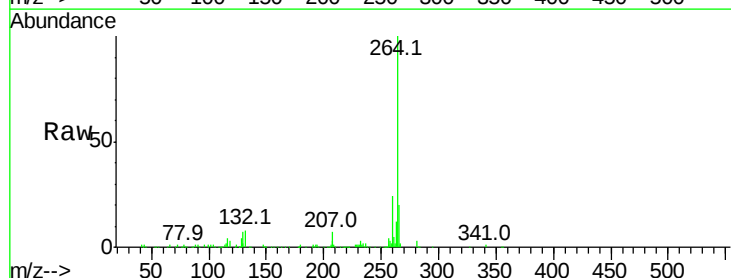
Tgt Ion:264 Resp: 322693

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.1 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

