

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032432.D
 Acq On : 30 Jan 2018 4:41
 Operator : SJ/JU
 Sample : J1303-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 06:19:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	25500	20.00	ng	0.03
21) Naphthalene-d8	11.62	136	107178	20.00	ng	0.02
38) Acenaphthene-d10	15.37	164	86135	20.00	ng	0.02
63) Phenanthrene-d10	18.10	188	248087	20.00	ng	0.02
75) Chrysene-d12	22.43	240	296742	20.00	ng	0.01
86) Perylene-d12	26.12	264	316153	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.18	112	153498	120.91	ng	0.03
7) Phenol-d6	7.86	99	179437	105.92	ng	0.04
23) Nitrobenzene-d5	9.94	82	154639	90.12	ng	0.02
41) 2,4,6-Tribromophenol	16.85	330	189683	115.69	ng	0.01
44) 2-Fluorobiphenyl	14.00	172	607016	83.76	ng	0.02
78) Terphenyl-d14	20.64	244	1328571	95.91	ng	0.01

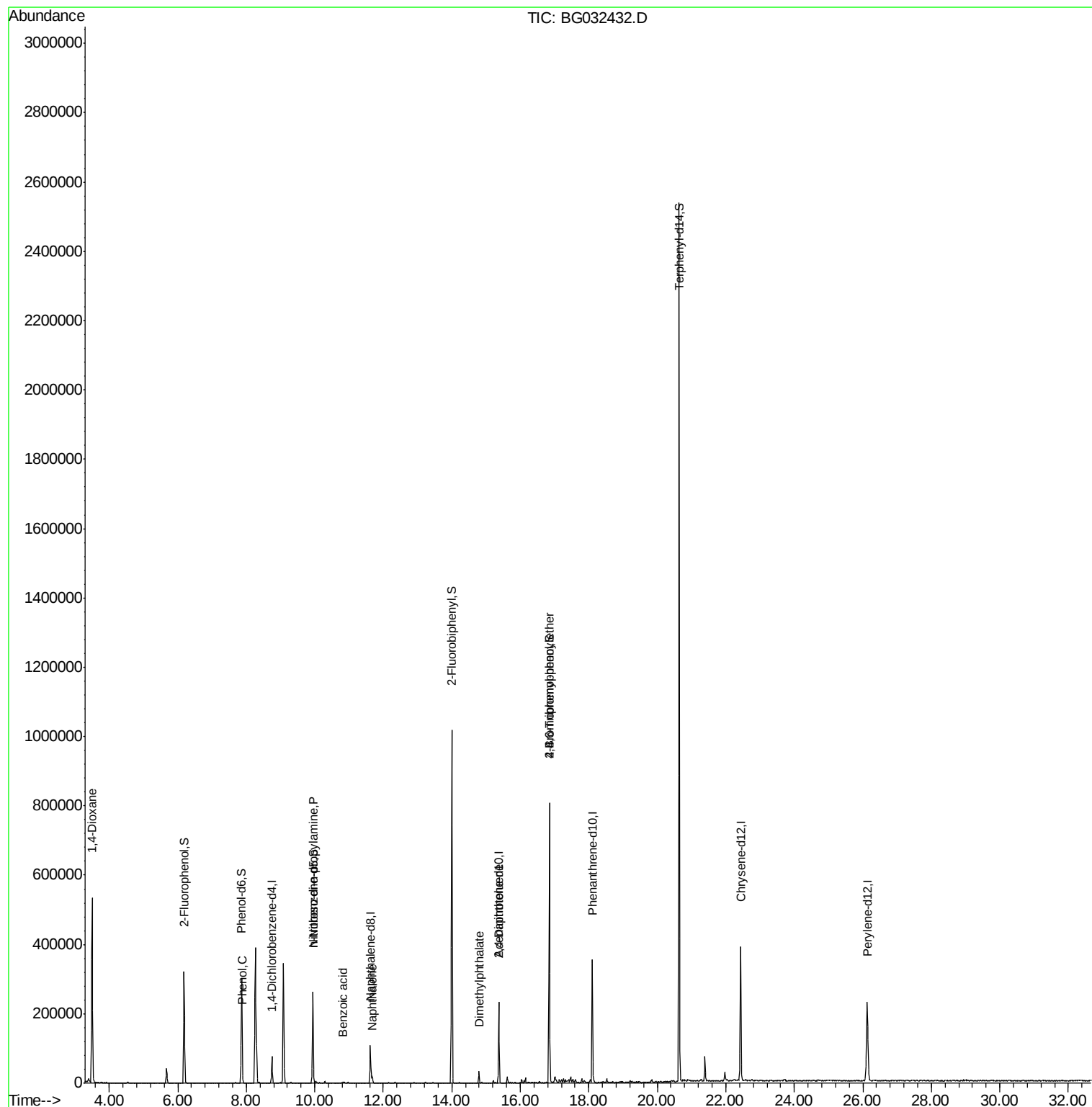
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	5641	13.206	ng	# 1
10) Phenol	7.89	94	3644	2.265	ng	# 54
19) n-Nitroso-di-n-propylamine	9.94	70	22141	19.711	ng	# 76
31) Naphthalene	11.68	128	21141	4.039	ng	# 97
32) Benzoic acid	10.82	122	2222	9.038	ng	# 55
49) Dimethylphthalate	14.80	163	24701	3.110	ng	# 94
56) 2,4-Dinitrotoluene	15.37	165	11039	4.651	ng	# 19
66) 4-Bromophenyl-phenylether	16.85	248	15719	4.277	ng	# 1

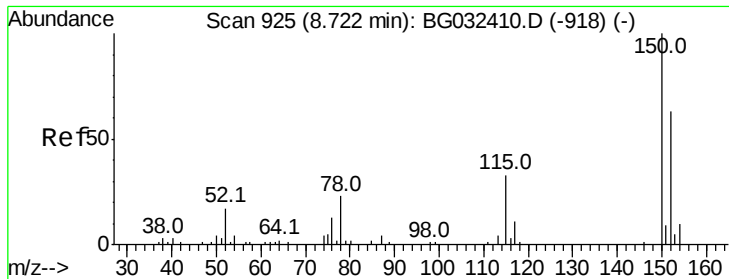
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
Data File : BG032432.D
Acq On : 30 Jan 2018 4:41
Operator : SJ/JU
Sample : J1303-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 30 06:19:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



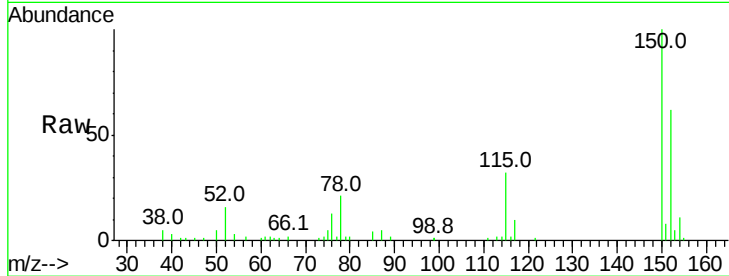


#1

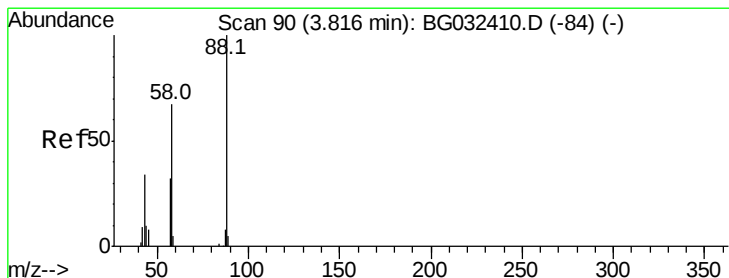
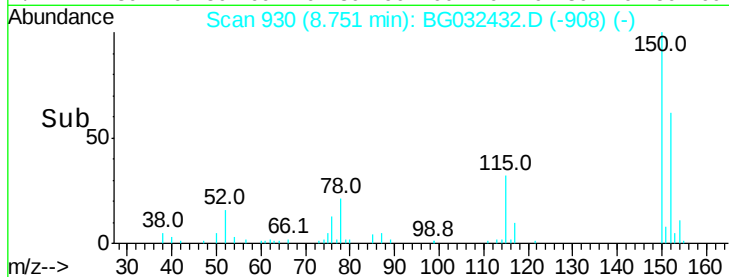
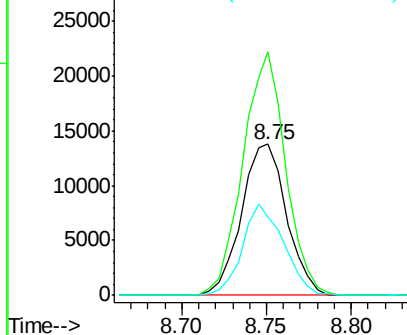
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 930
Delta R.T. 0.03 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25500
Ion Ratio Lower Upper
152 100
150 161.0 126.6 189.8
115 52.1 53.0 79.4#



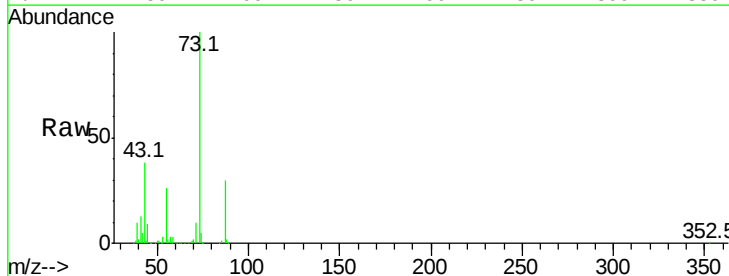
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



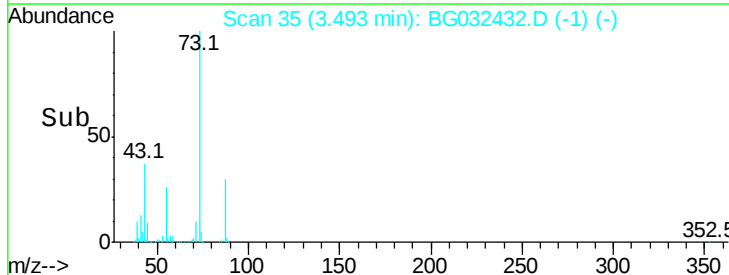
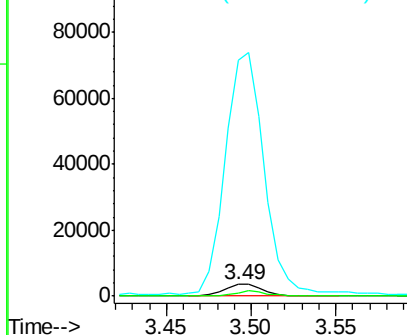
#2

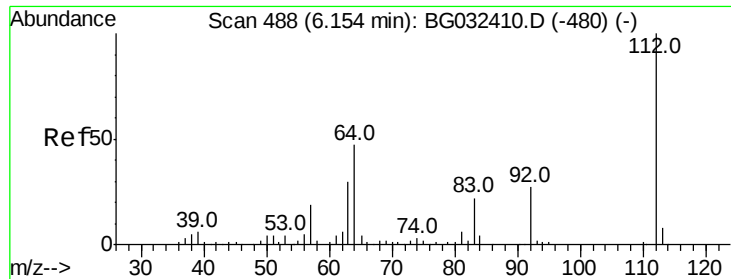
1,4-Dioxane
Concen: 13.206 ng
RT: 3.49 min Scan# 35
Delta R.T. -0.32 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Tgt Ion: 88 Resp: 5641
Ion Ratio Lower Upper
88 100
58 38.3 79.6 119.4#
43 2096.2 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 120.906 ng

RT: 6.18 min Scan# 493

Delta R.T. 0.03 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

Instrument :

BNA_G

ClientSampled :

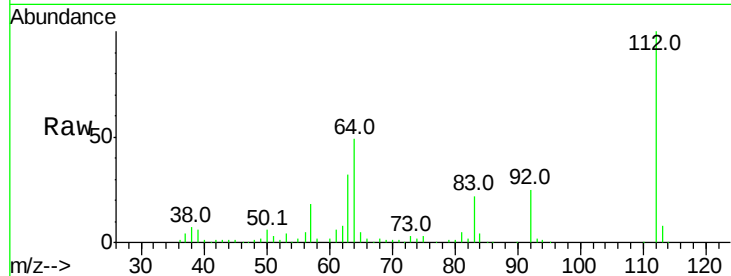
Tot Ion:112 Resp: 153498

Ion Ratio Lower Upper

112 100

64 49.3 56.3 84.5#

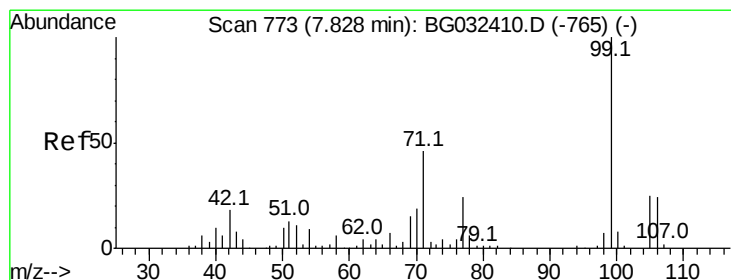
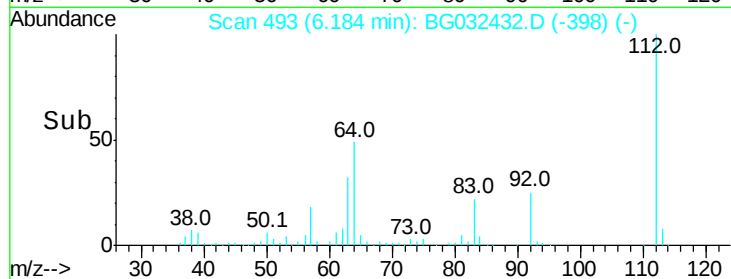
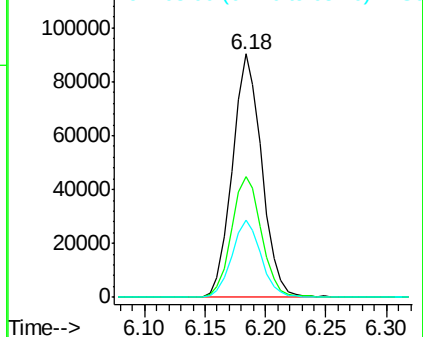
63 31.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 105.917 ng

RT: 7.86 min Scan# 779

Delta R.T. 0.04 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

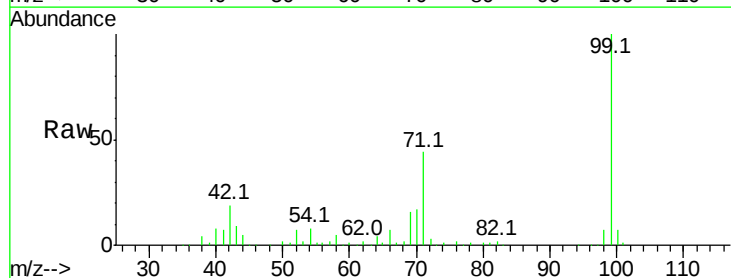
Tgt Ion: 99 Resp: 179437

Ion Ratio Lower Upper

99 100

42 19.3 14.1 21.1

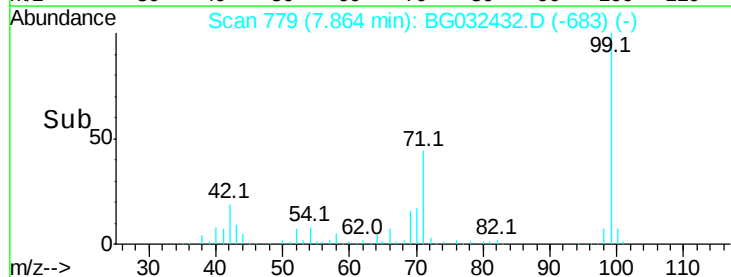
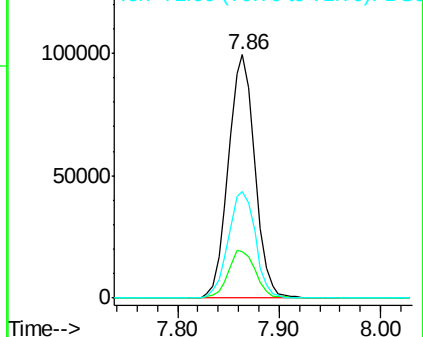
71 44.0 26.1 39.1#

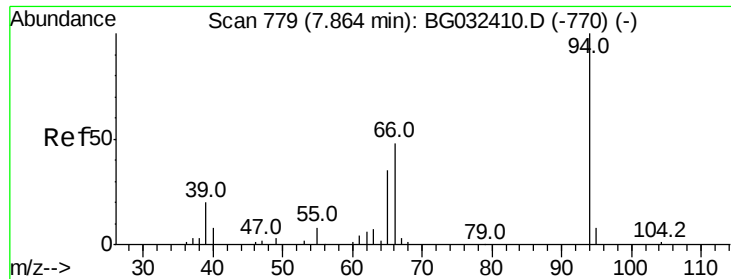


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 2.265 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.02 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

Instrument :

BNA_G

ClientSampled :

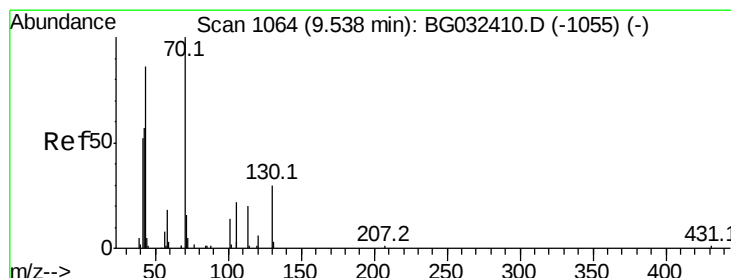
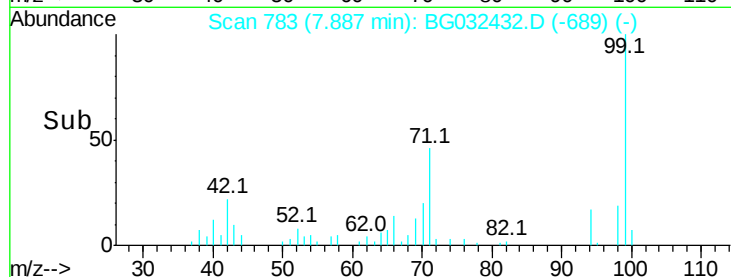
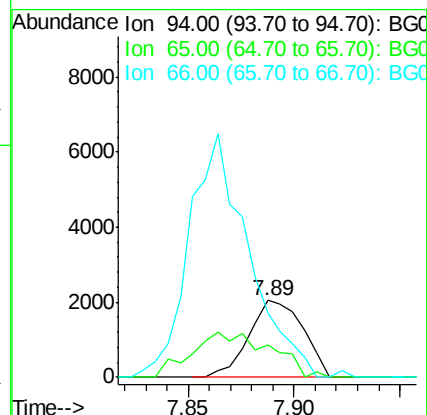
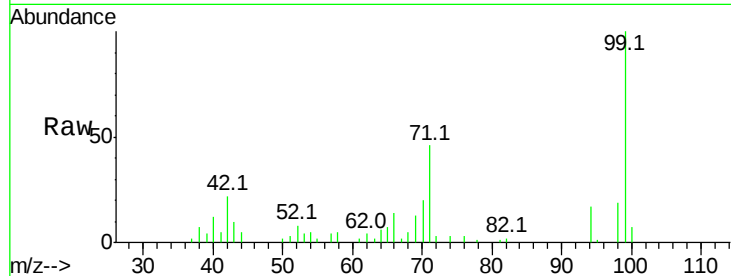
Tot Ion: 94 Resp: 3644

Ion Ratio Lower Upper

94 100

65 42.3 11.9 51.9

66 84.1 22.2 62.2#



#19

n-Nitroso-di-n-propylamine

Concen: 19.711 ng

RT: 9.94 min Scan# 1133

Delta R.T. 0.41 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

Tgt Ion: 70 Resp: 22141

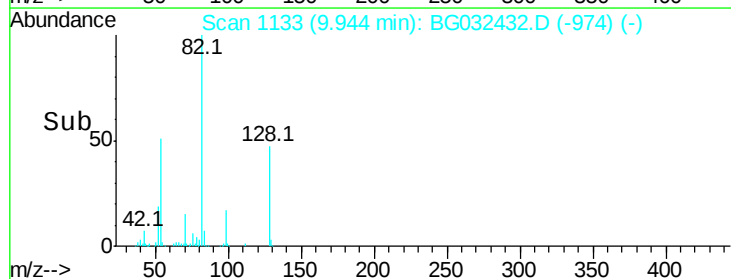
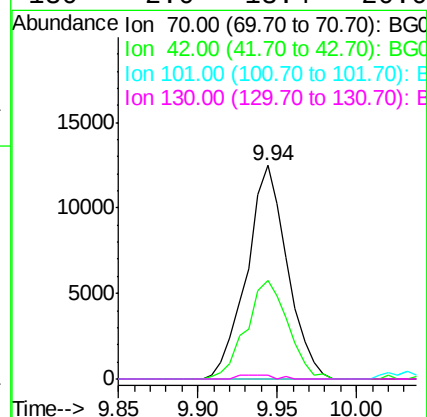
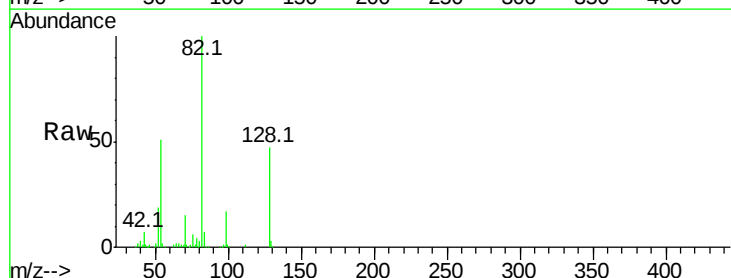
Ion Ratio Lower Upper

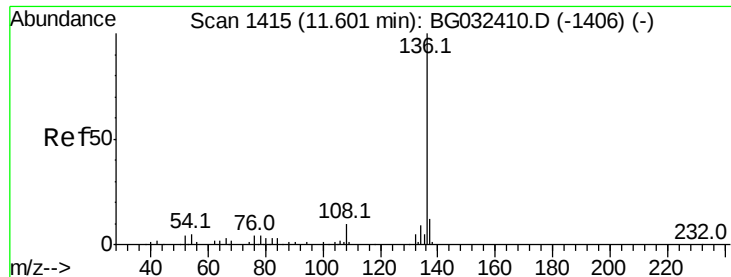
70 100

42 46.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

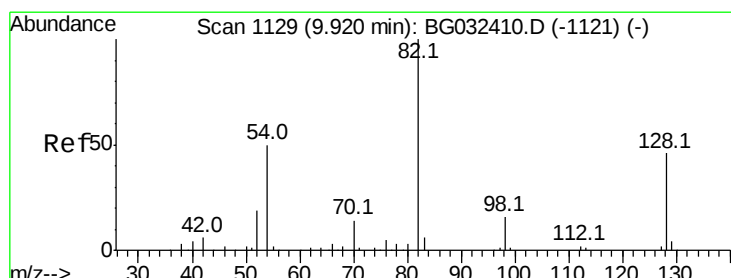
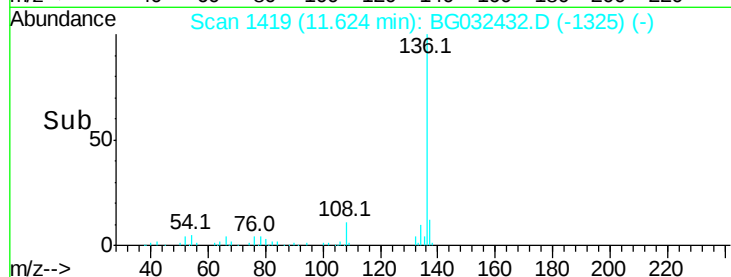
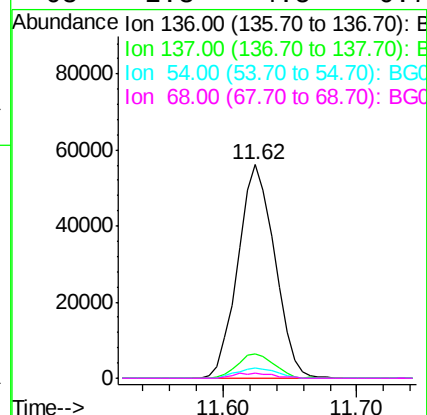
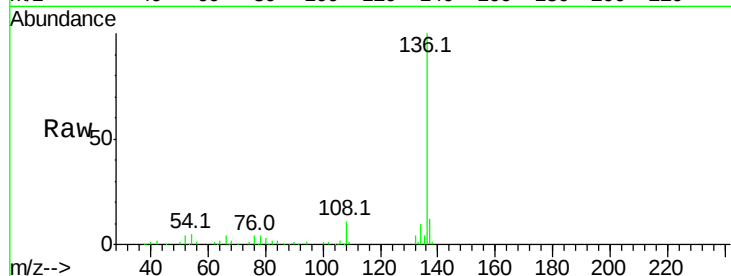




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. 0.02 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

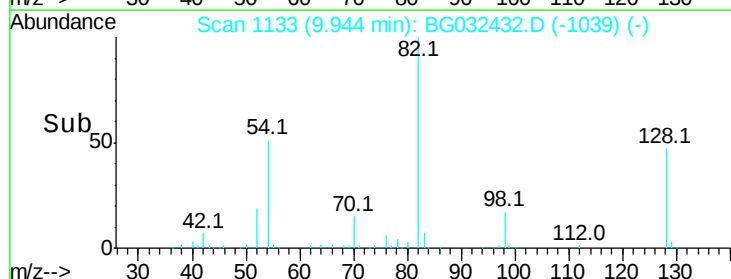
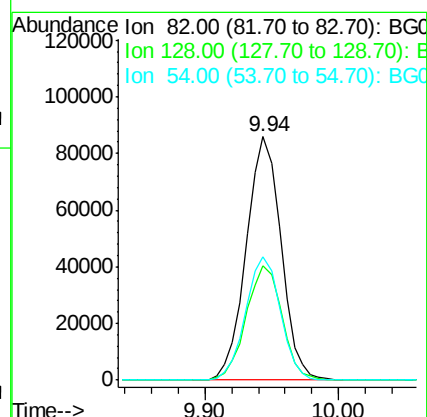
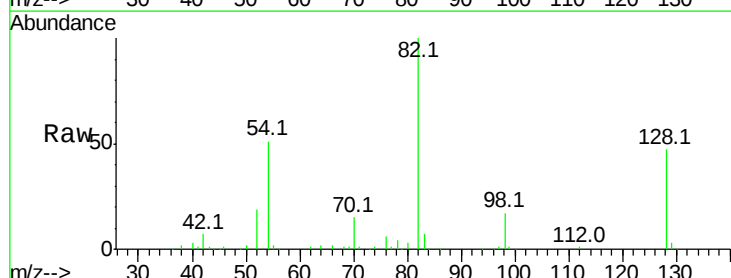
Instrument :
BNA_G
ClientSampleId :

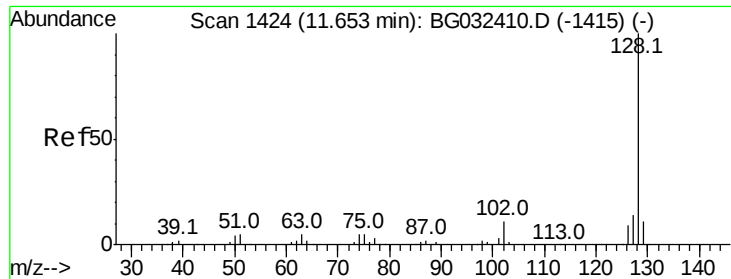
Tot Ion:136 Resp: 107178
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 4.6 10.3 15.5#
68 2.3 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 90.119 ng
RT: 9.94 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Tgt Ion: 82 Resp: 154639
Ion Ratio Lower Upper
82 100
128 47.0 29.7 44.5#
54 50.5 43.1 64.7

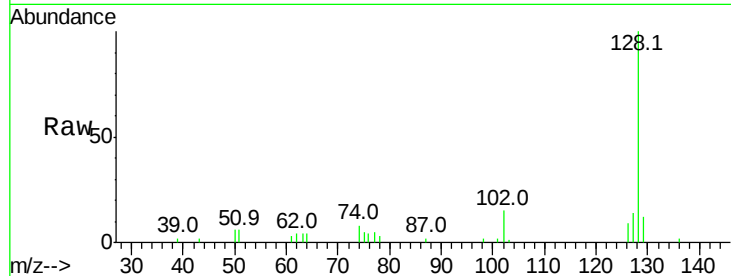




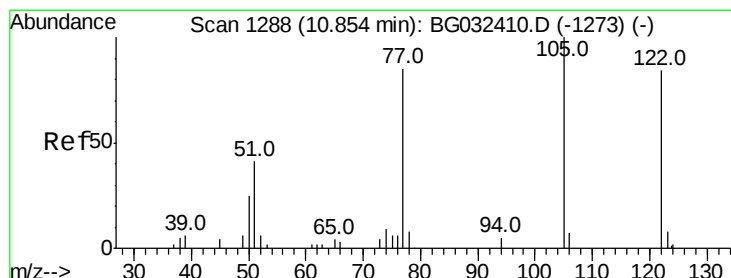
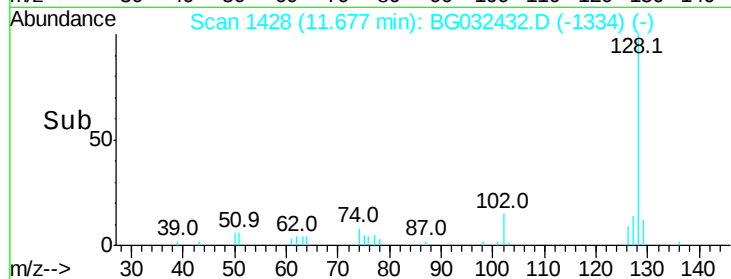
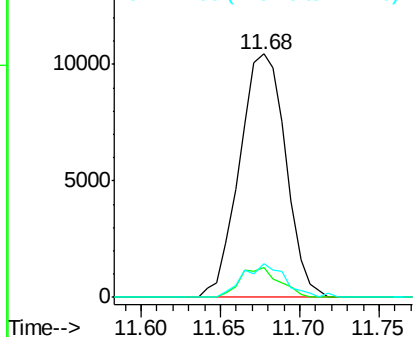
#31
Naphthalene
Concen: 4.039 ng
RT: 11.68 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 21141
Ion Ratio Lower Upper
128 100
129 12.5 8.6 12.8
127 13.8 11.6 17.4

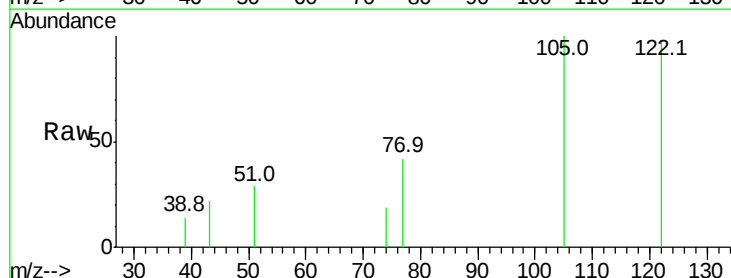


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

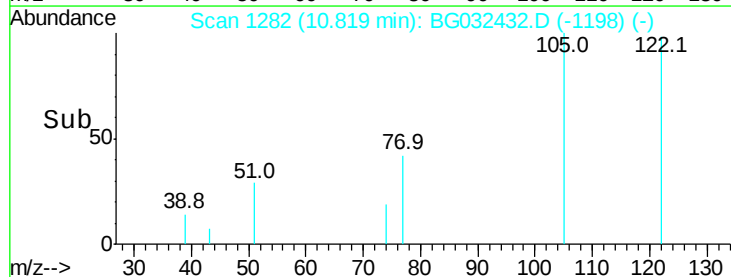
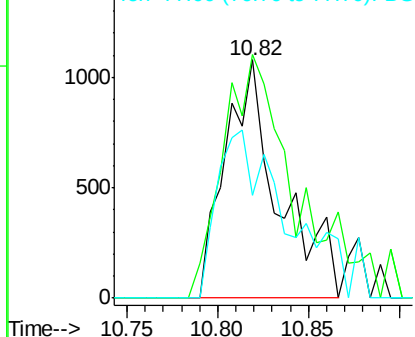


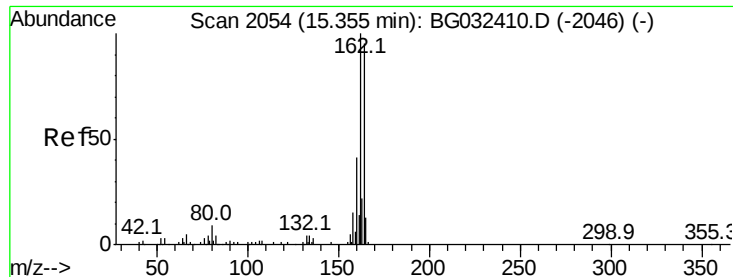
#32
Benzoic acid
Concen: 9.038 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Tgt Ion:122 Resp: 2222
Ion Ratio Lower Upper
122 100
105 102.1 123.5 163.5#
77 42.9 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.37 min Scan# 2057

Delta R.T. 0.02 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

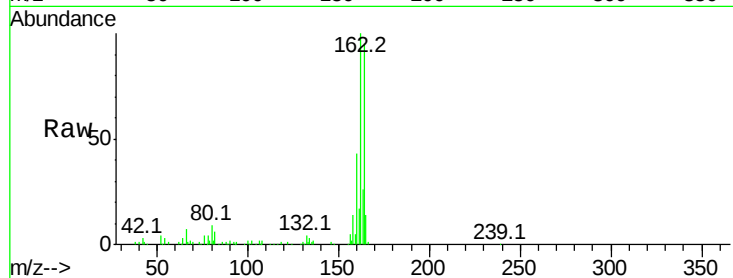
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 86135

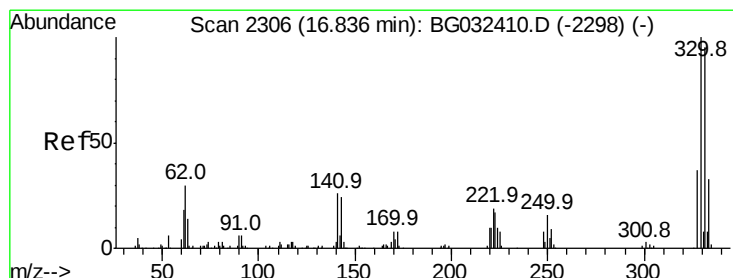
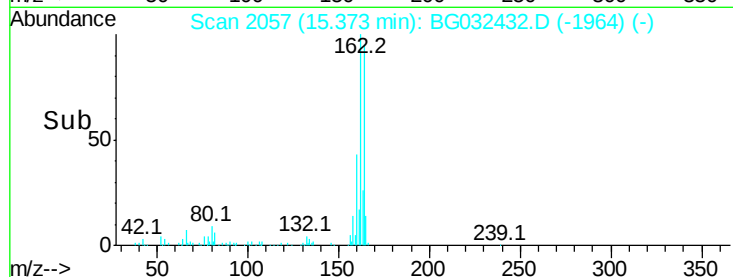
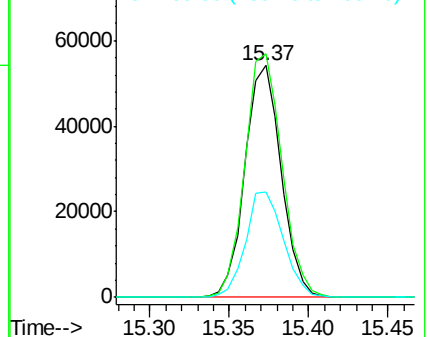
Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	45.3	35.4	53.0



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: 115.690 ng

RT: 16.85 min Scan# 2308

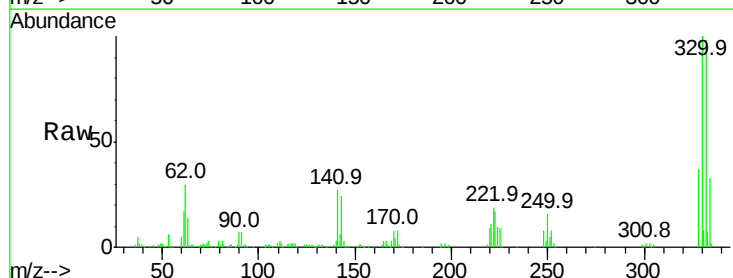
Delta R.T. 0.01 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

Tgt Ion:330 Resp: 189683

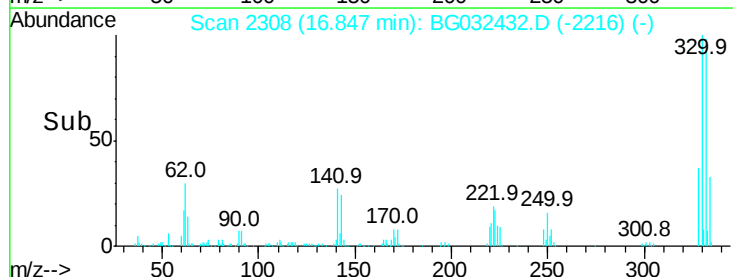
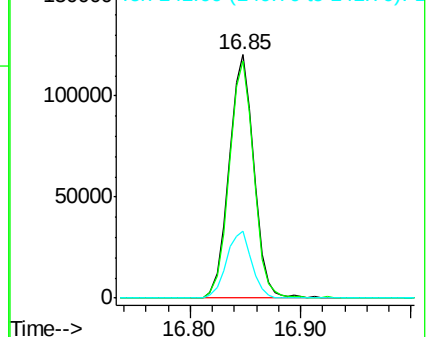
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	28.0	25.2	37.8

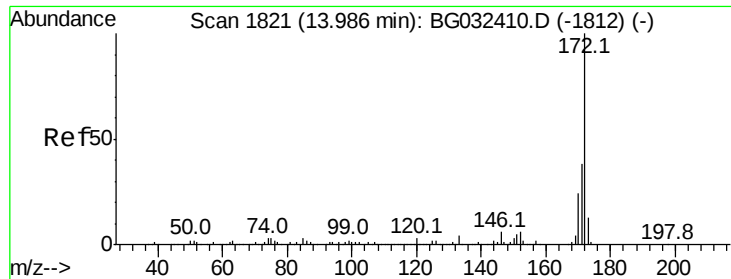


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

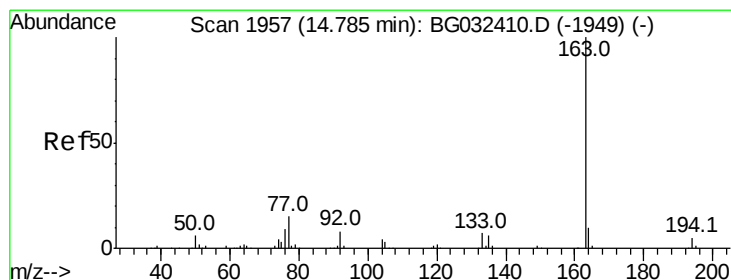
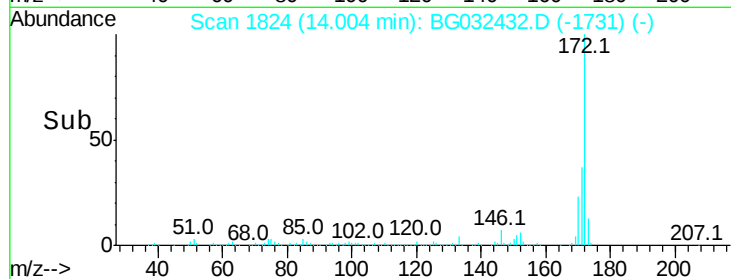
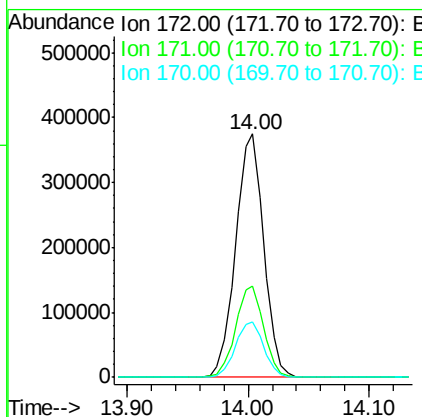
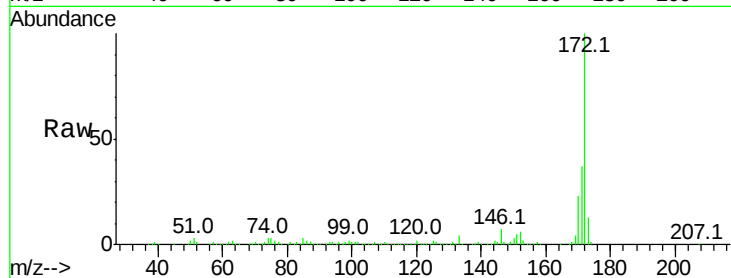




#44
2-Fluorobiphenyl
Concen: 83.761 ng
RT: 14.00 min Scan# 1824
Delta R.T. 0.02 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

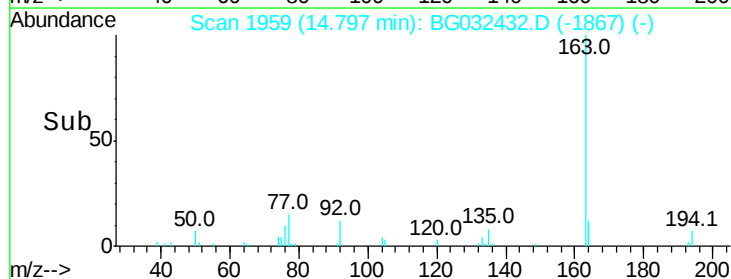
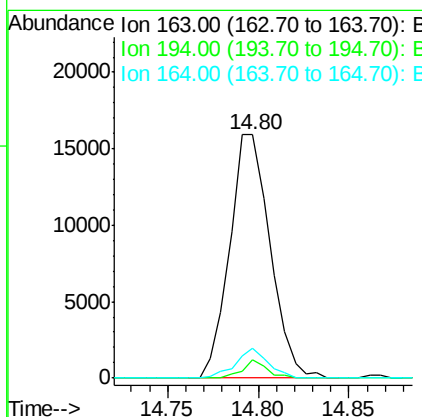
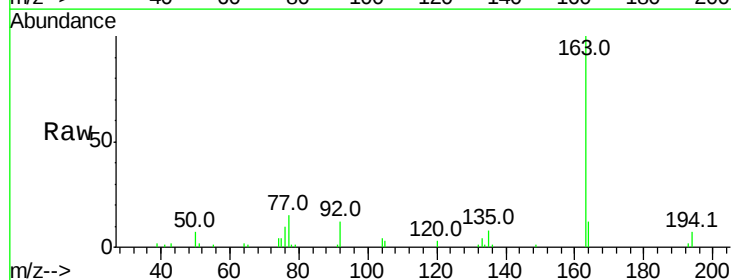
Instrument :
BNA_G
ClientSampled :

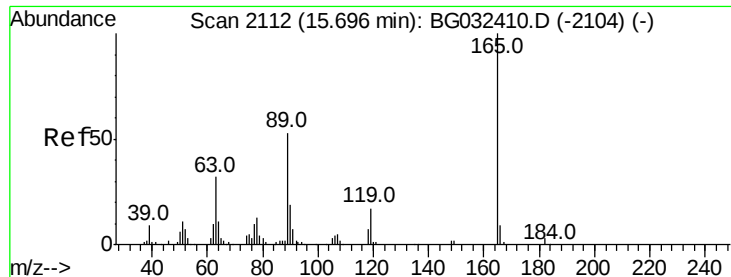
Tot Ion:172 Resp: 607016
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 22.6 19.5 29.3



#49
Dimethylphthalate
Concen: 3.110 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Tgt Ion:163 Resp: 24701
Ion Ratio Lower Upper
163 100
194 7.4 3.4 5.2#
164 12.2 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 4.651 ng

RT: 15.37 min Scan# 2057

Delta R.T. -0.32 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 11039

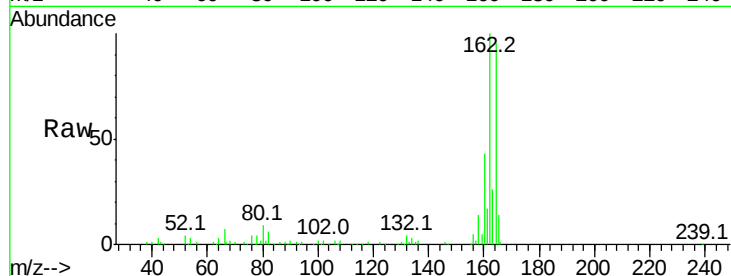
Ion Ratio Lower Upper

165 100

63 3.0 42.0 63.0#

89 2.2 66.9 100.3#

182 0.0 2.6 3.8#

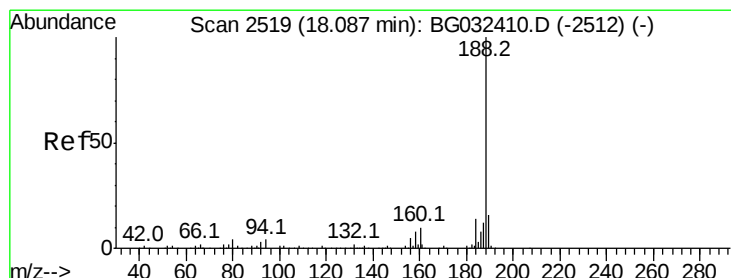
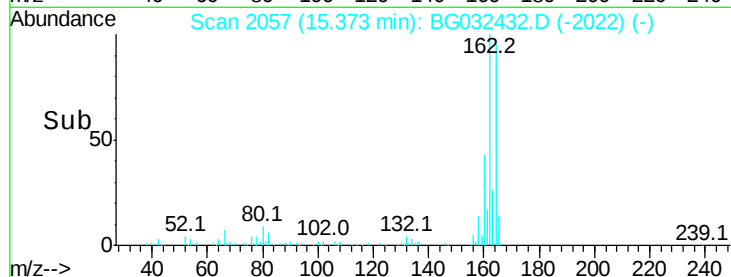
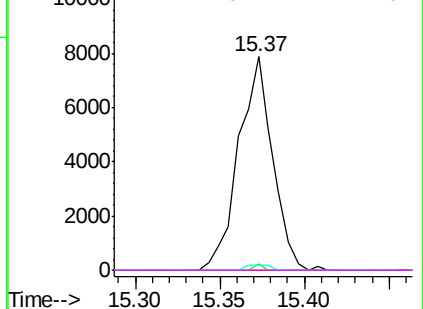


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.10 min Scan# 2522

Delta R.T. 0.02 min

Lab File: BG032432.D

Acq: 30 Jan 2018 4:41

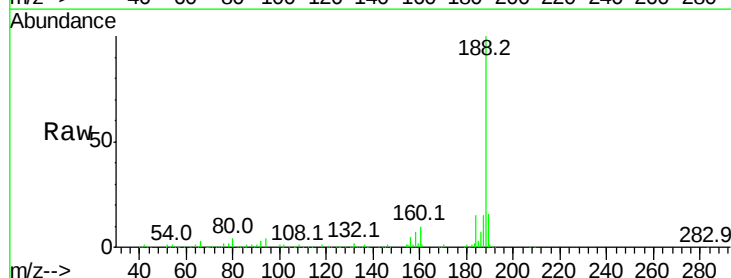
Tgt Ion:188 Resp: 248087

Ion Ratio Lower Upper

188 100

94 3.6 6.9 10.3#

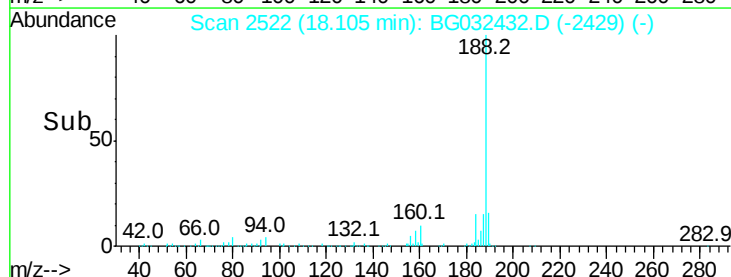
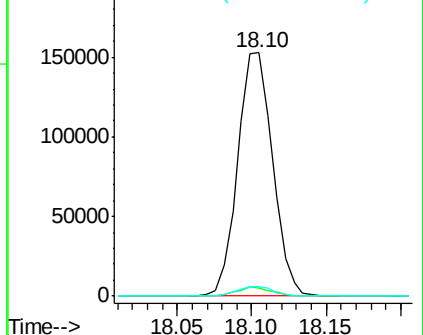
80 3.8 7.7 11.5#

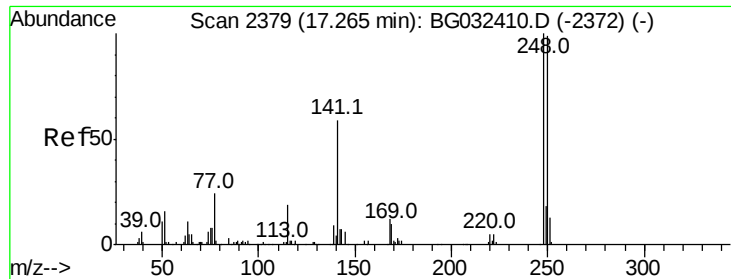


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

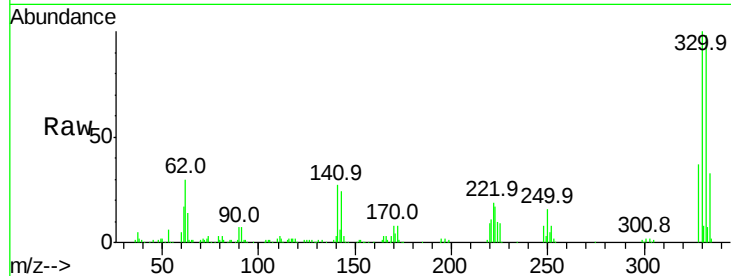




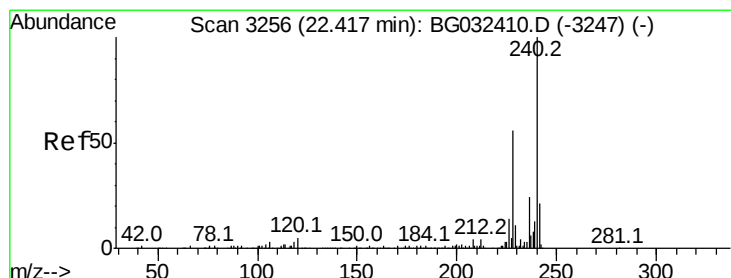
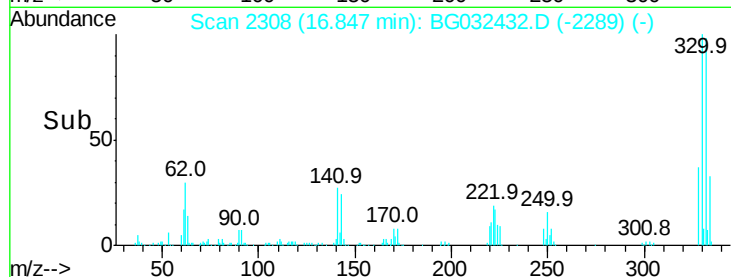
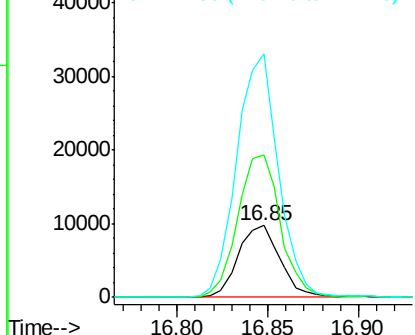
#66
4-Bromophenyl-phenylether
Concen: 4.277 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.42 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 15719
Ion Ratio Lower Upper
248 100
250 197.7 77.1 115.7#
141 338.8 50.8 76.2#

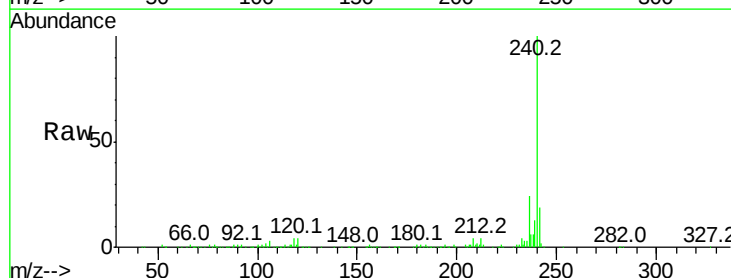


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

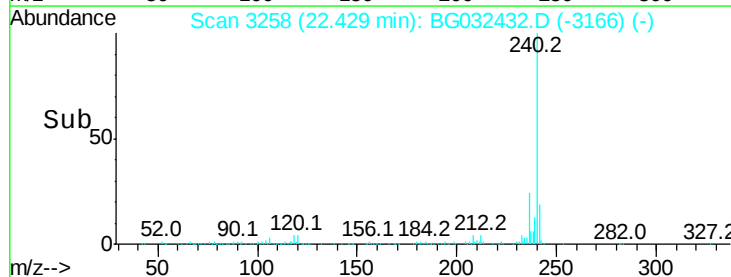
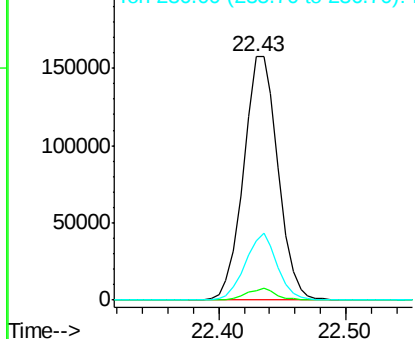


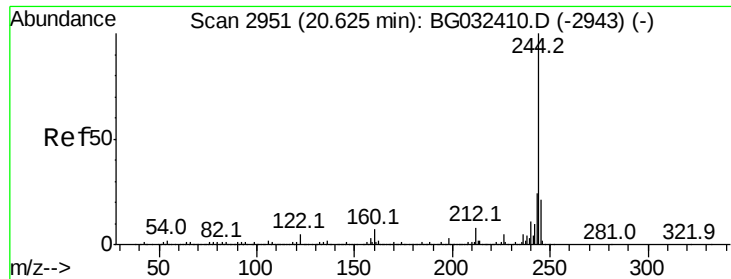
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3258
Delta R.T. 0.01 min
Lab File: BG032432.D
Acq: 30 Jan 2018 4:41

Tgt Ion:240 Resp: 296742
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.3 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

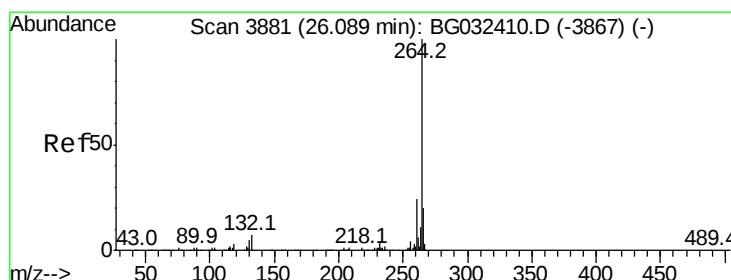
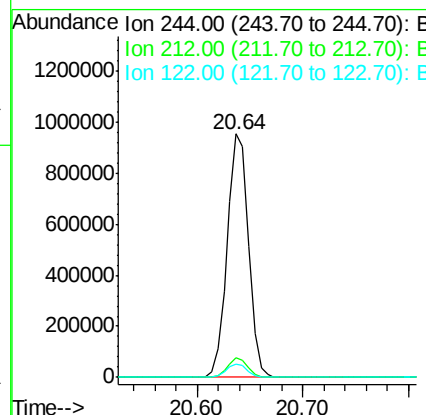
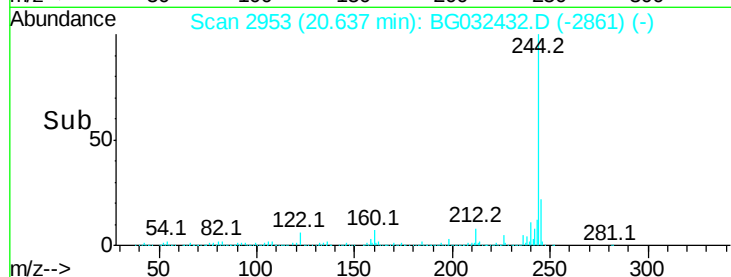
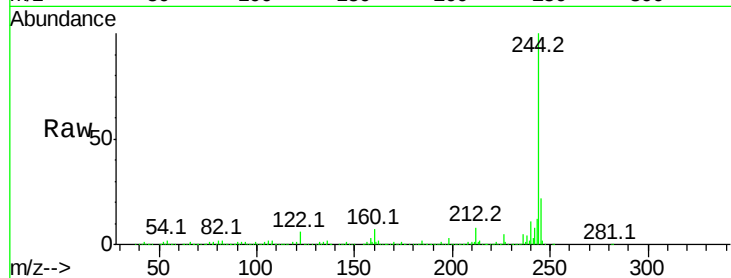




#78
 Terphenyl-d14
 Concen: 95.905 ng
 RT: 20.64 min Scan# 2953
 Delta R.T. 0.01 min
 Lab File: BG032432.D
 Acq: 30 Jan 2018 4:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1328571
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 5.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.12 min Scan# 3887
 Delta R.T. 0.04 min
 Lab File: BG032432.D
 Acq: 30 Jan 2018 4:41

Tgt Ion:264 Resp: 316153
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 21.8 17.7 26.5

