

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
 Data File : BG032264.D
 Acq On : 24 Jan 2018 17:10
 Operator : SJ/JU
 Sample : J1249-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 04:11:58 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	39790	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	155150	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	109587	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	303641	20.00	ng	0.00
75) Chrysene-d12	22.42	240	405321	20.00	ng	0.00
86) Perylene-d12	26.11	264	422930	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	267293	122.86	ng	0.00
7) Phenol-d6	7.83	99	329175	120.14	ng	0.00
23) Nitrobenzene-d5	9.92	82	204177	89.03	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	212122	116.97	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	639434	72.35	ng	0.00
78) Terphenyl-d14	20.63	244	1217185	66.31	ng	0.00

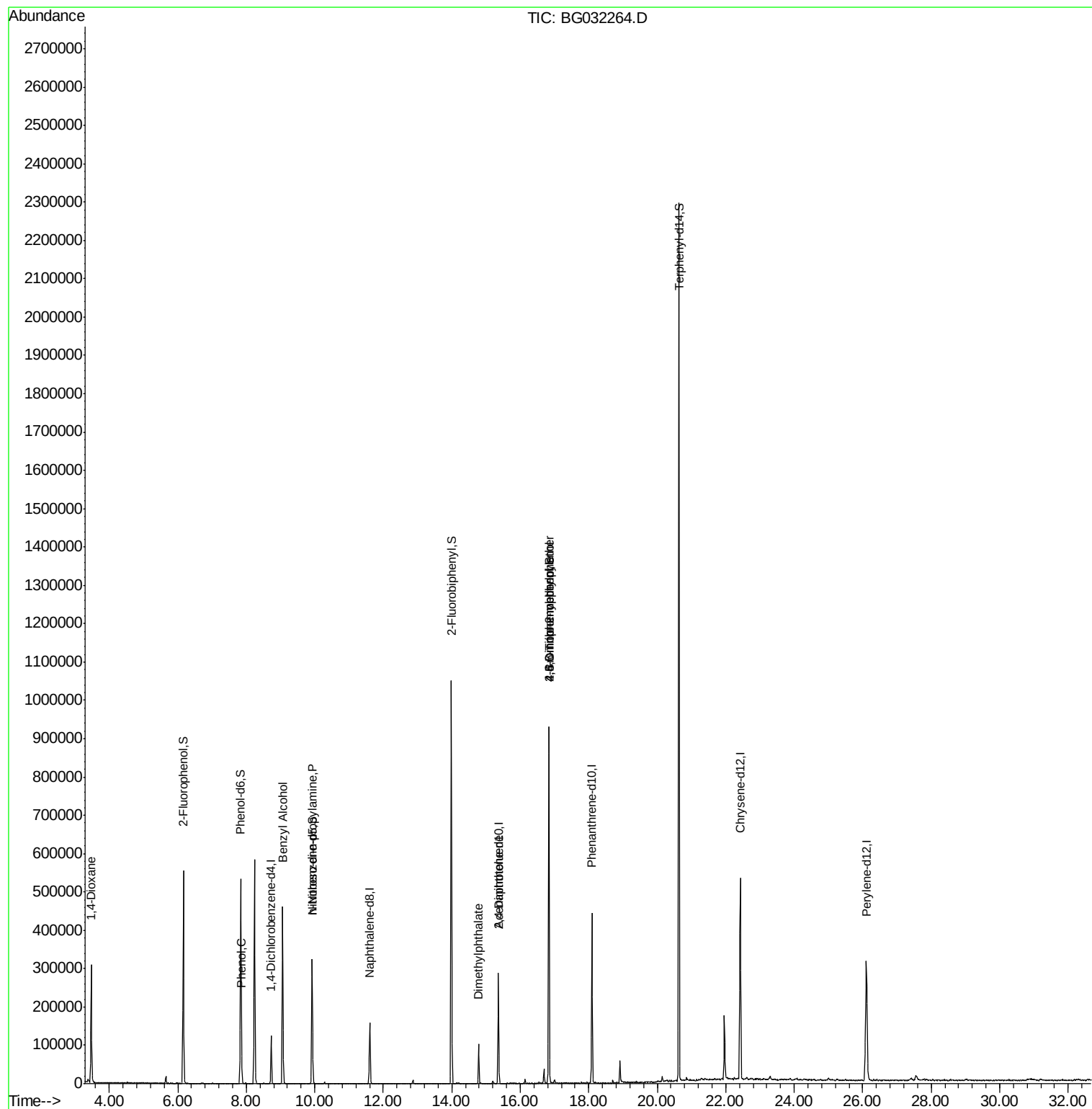
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	3663	4.383	ng	# 1
10) Phenol	7.86	94	14559	5.394	ng	# 82
15) Benzyl Alcohol	9.06	79	4079	2.049	ng	# 34
19) n-Nitroso-di-n-propylamine	9.92	70	29492	17.348	ng	# 73
49) Dimethylphthalate	14.79	163	76823	8.011	ng	# 99
56) 2,4-Dinitrotoluene	15.36	165	14160	5.284	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.83	198	649	5.184	ng	# 1
66) 4-Bromophenyl-phenylether	16.84	248	17759	4.111	ng	# 1

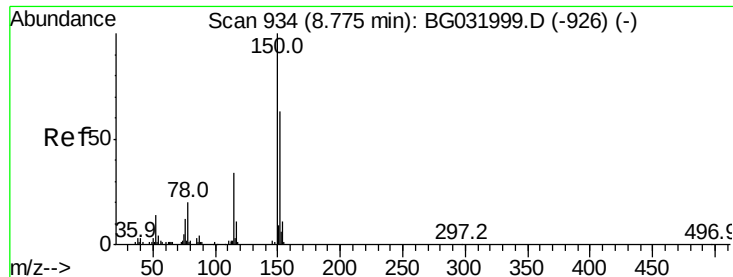
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

Instrument :

BNA_G

ClientSampleId :

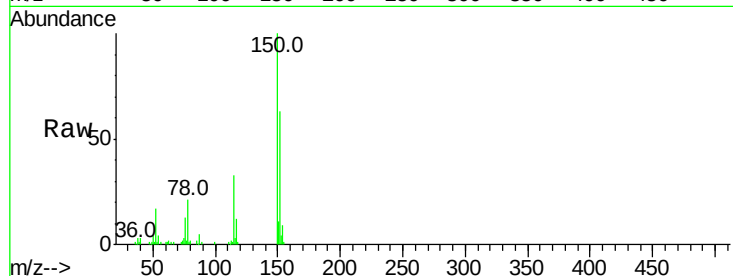
Tot Ion:152 Resp: 39790

Ion Ratio Lower Upper

152 100

150 159.8 126.6 189.8

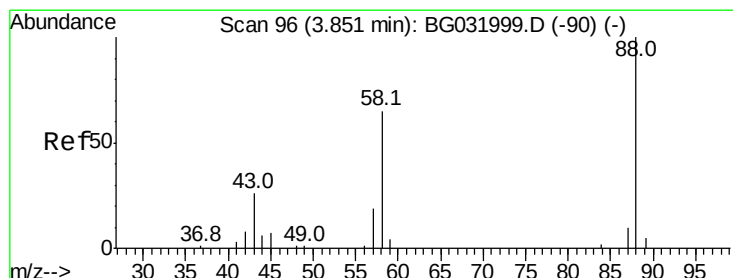
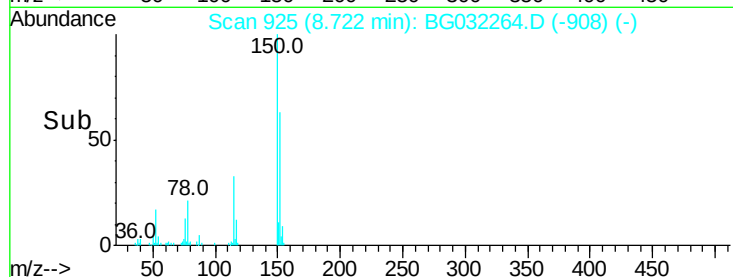
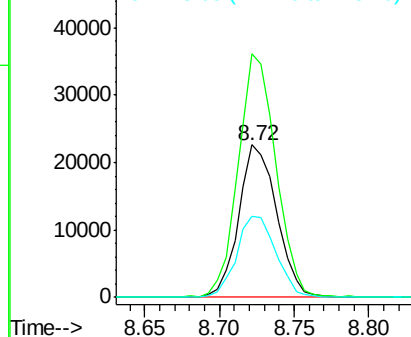
115 53.2 53.0 79.4



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: 4.383 ng

RT: 3.46 min Scan# 30

Delta R.T. -0.36 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

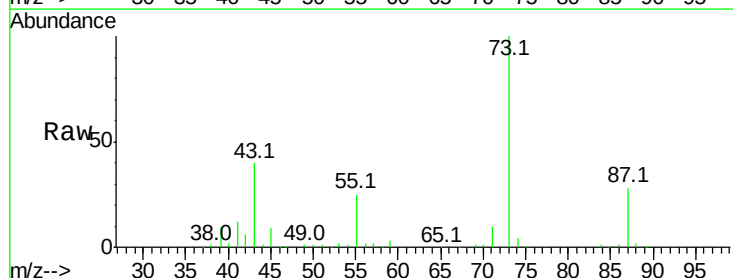
Tgt Ion: 88 Resp: 3663

Ion Ratio Lower Upper

88 100

58 37.1 79.6 119.4#

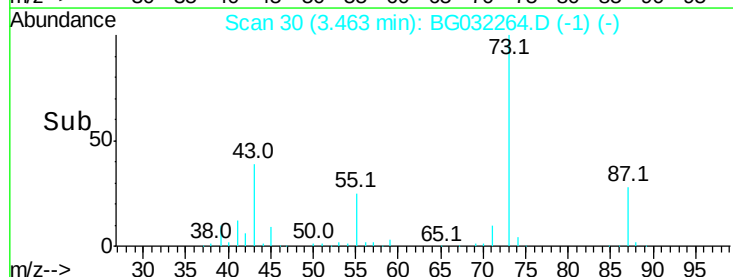
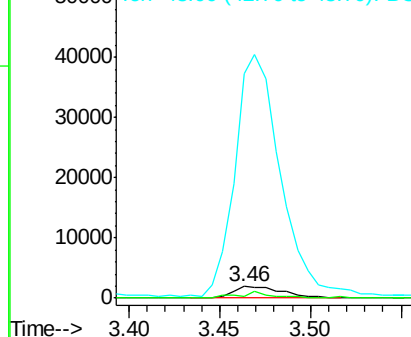
43 1922.1 27.4 41.0#

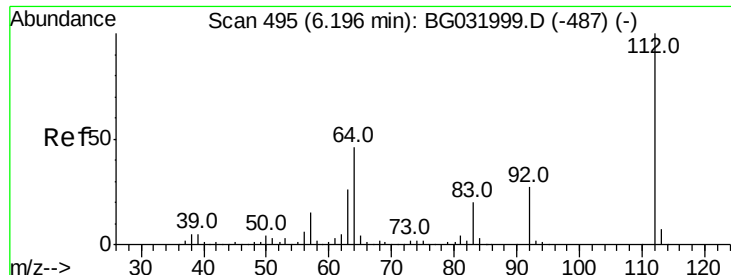


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 122.860 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

Instrument :

BNA_G

ClientSampled :

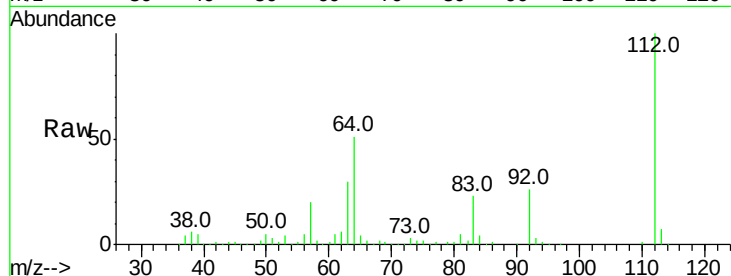
Tot Ion:112 Resp: 267293

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

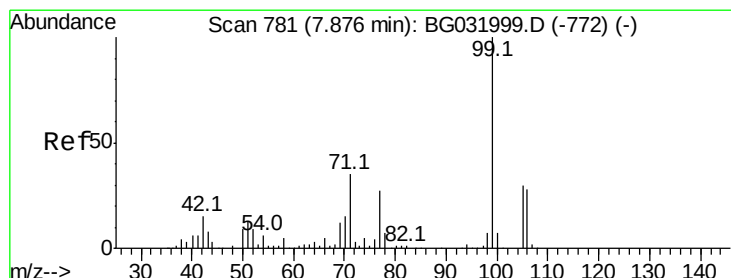
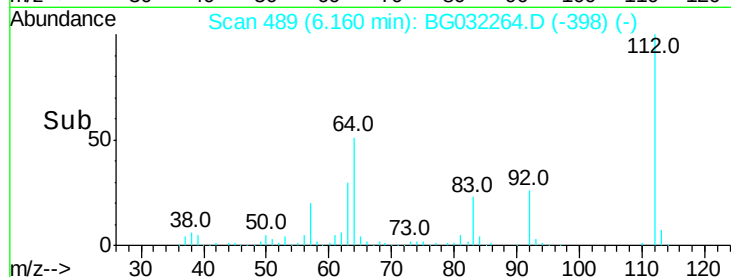
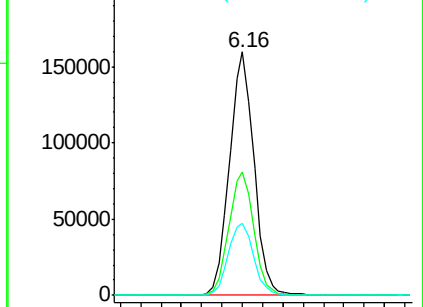
63 29.6 30.1 45.1#



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: 120.136 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

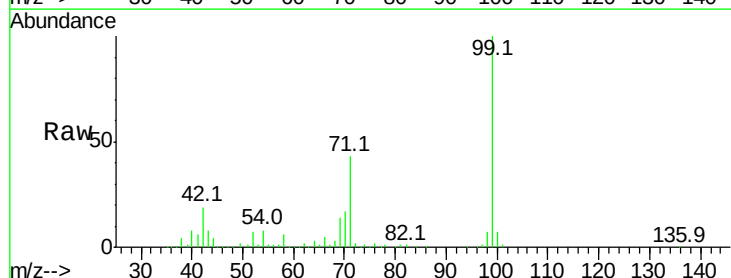
Tgt Ion: 99 Resp: 329175

Ion Ratio Lower Upper

99 100

42 19.2 14.1 21.1

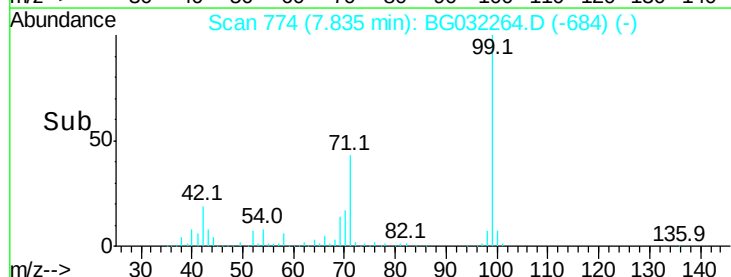
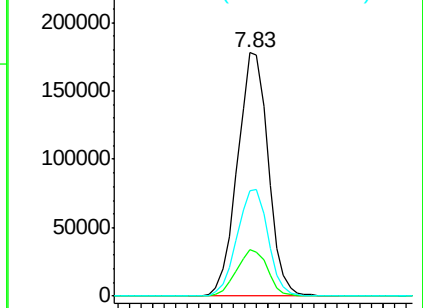
71 43.3 26.1 39.1#

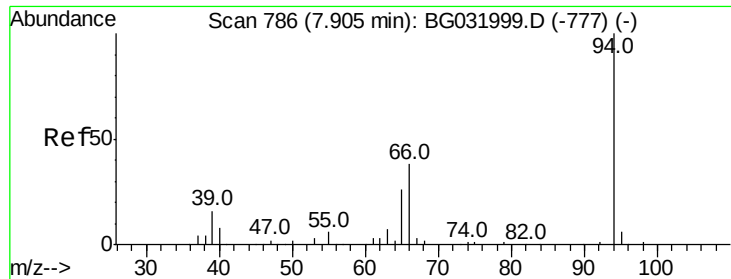


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 5.394 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

Instrument :

BNA_G

ClientSampleId :

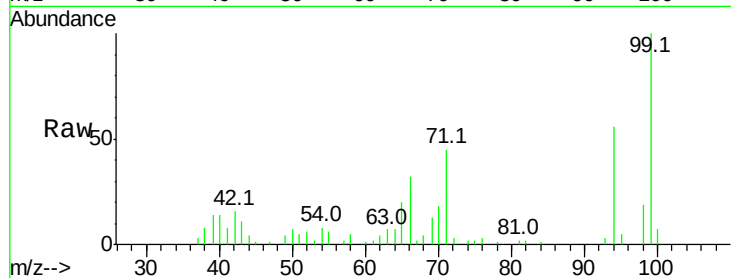
Tot Ion: 94 Resp: 14559

Ion Ratio Lower Upper

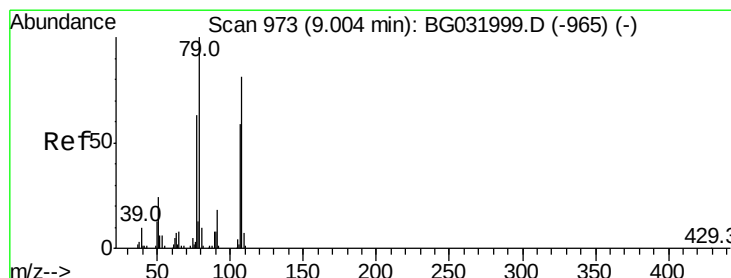
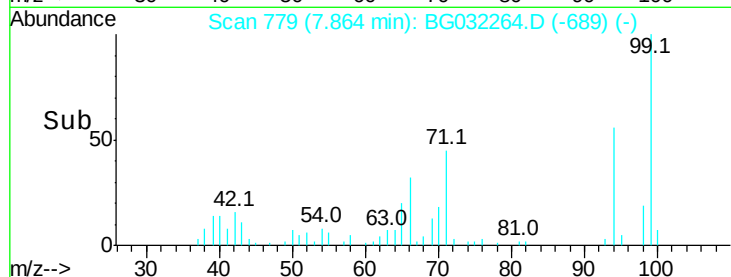
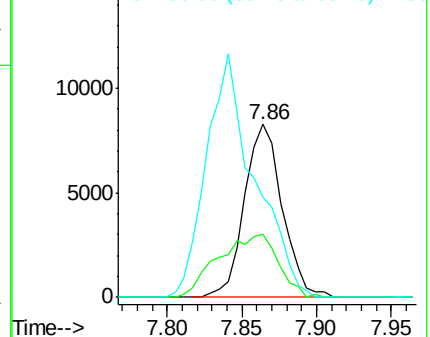
94 100

65 36.5 11.9 51.9

66 58.0 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



#15

Benzyl Alcohol

Concen: 2.049 ng

RT: 9.06 min Scan# 983

Delta R.T. 0.10 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

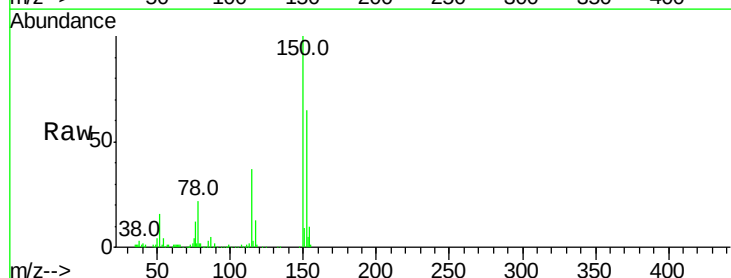
Tgt Ion: 79 Resp: 4079

Ion Ratio Lower Upper

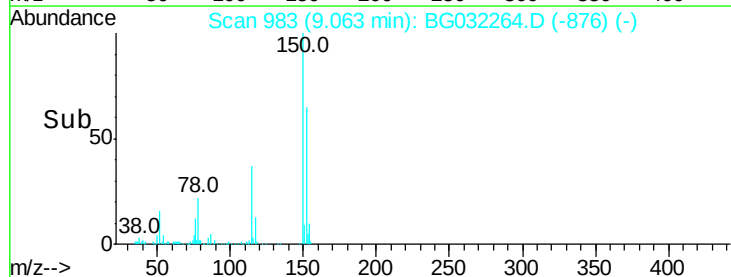
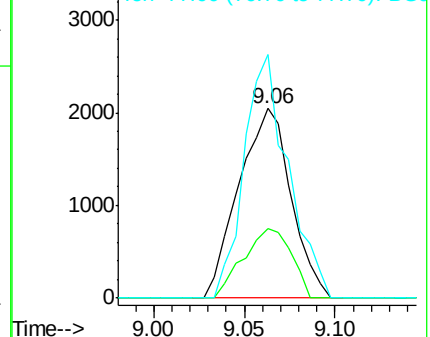
79 100

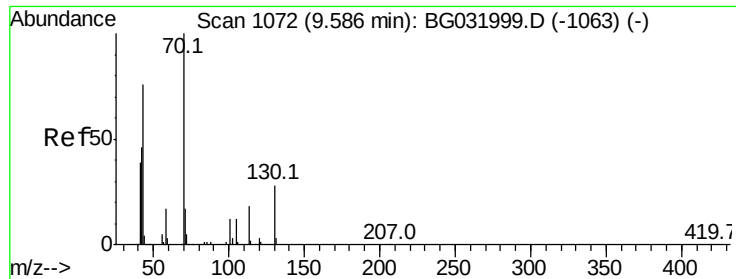
108 36.6 57.2 85.8#

77 128.3 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

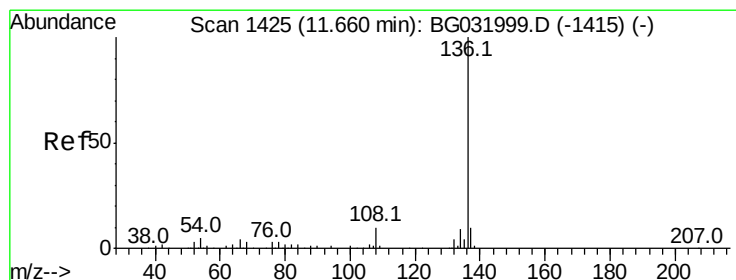
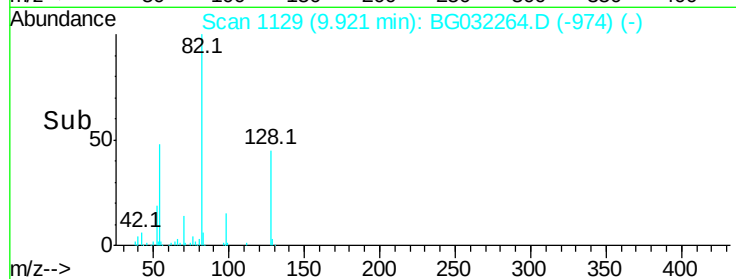
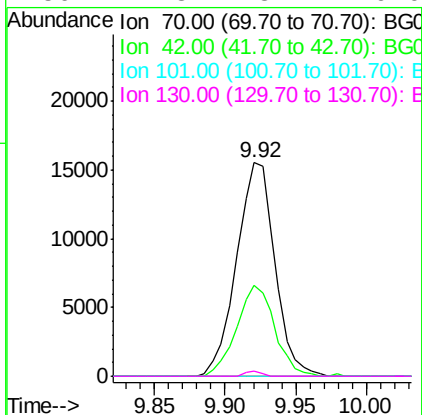
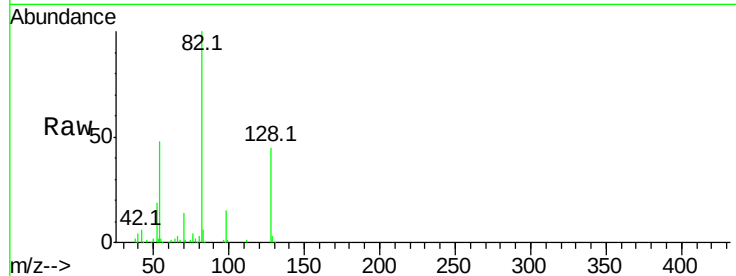




#19
n-Nitroso-di-n-propylamine
Concen: 17.348 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032264.D
Acq: 24 Jan 2018 17:10

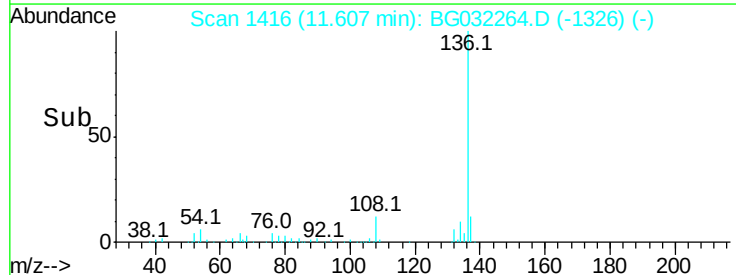
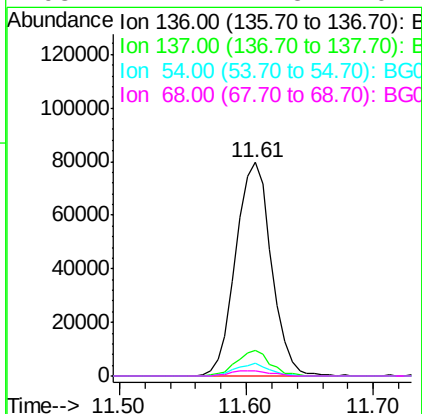
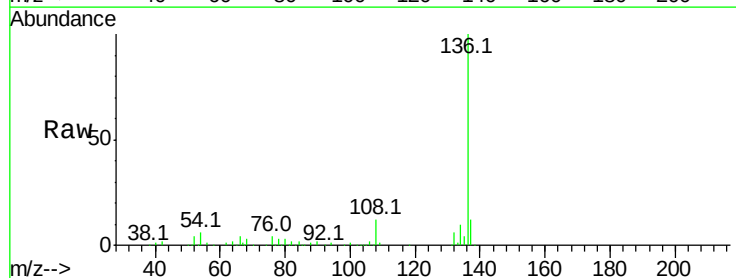
Instrument :
BNA_G
ClientSampleId :

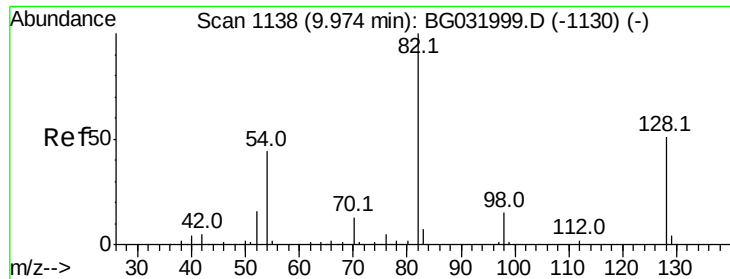
Tot Ion: 70 Resp: 29492
Ion Ratio Lower Upper
70 100
42 42.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032264.D
Acq: 24 Jan 2018 17:10

Tgt Ion: 136 Resp: 155150
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 5.7 10.3 15.5#
68 2.7 4.5 6.7#

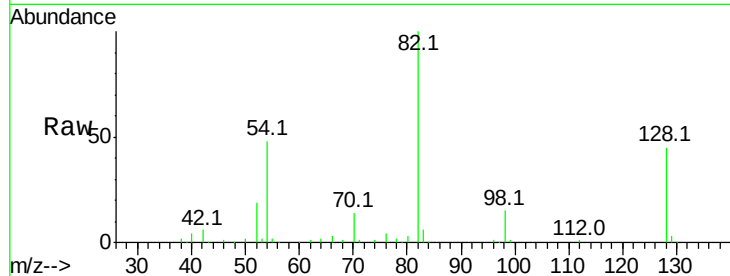




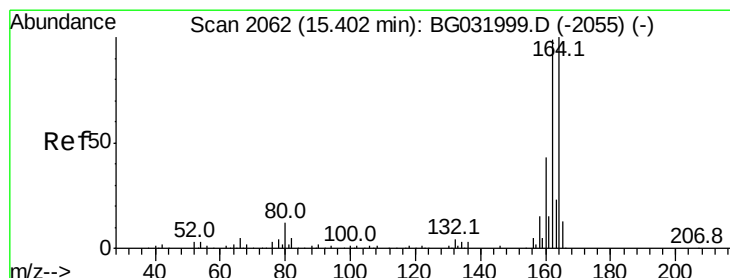
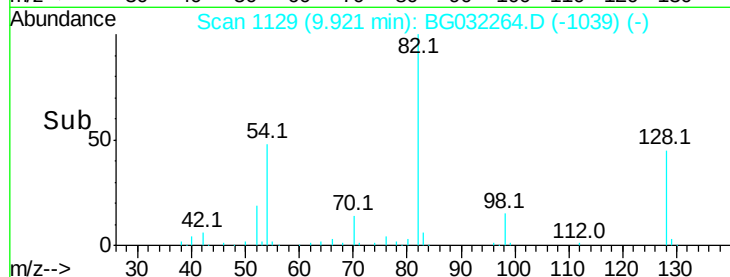
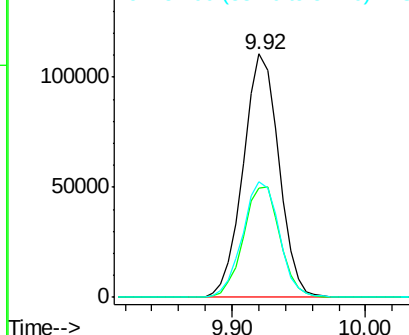
#23
Nitrobenzene-d5
Concen: 89.033 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032264.D
Acq: 24 Jan 2018 17:10

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 204177
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 47.7 43.1 64.7

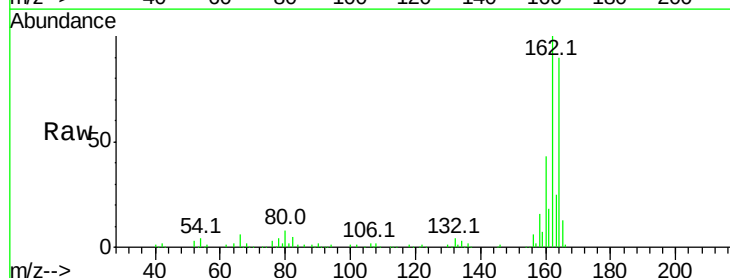


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

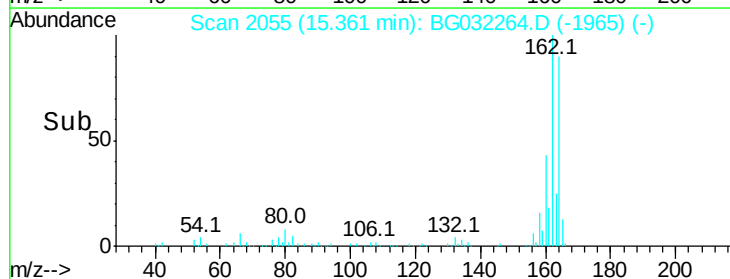
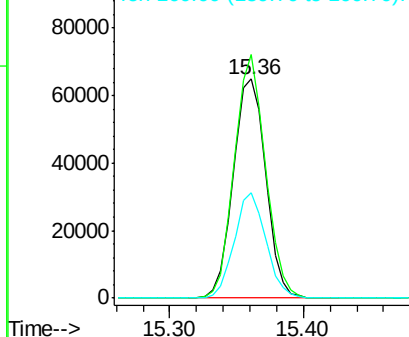


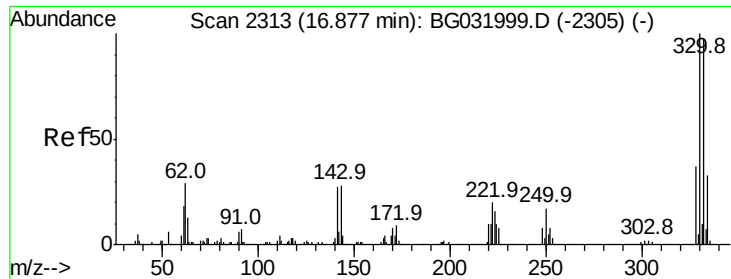
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG032264.D
Acq: 24 Jan 2018 17:10

Tgt Ion:164 Resp: 109587
Ion Ratio Lower Upper
164 100
162 111.3 78.8 118.2
160 47.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

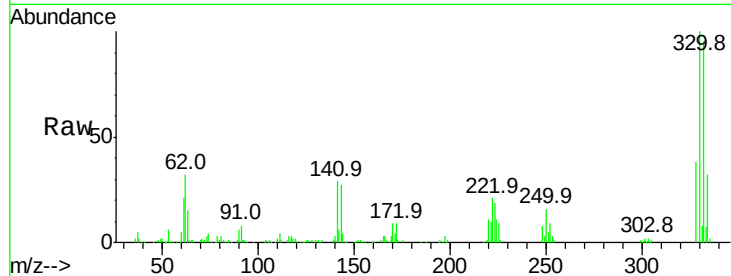




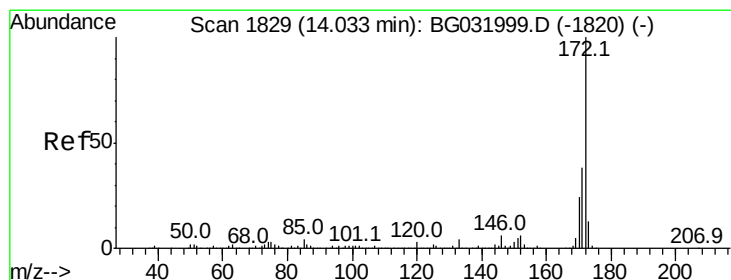
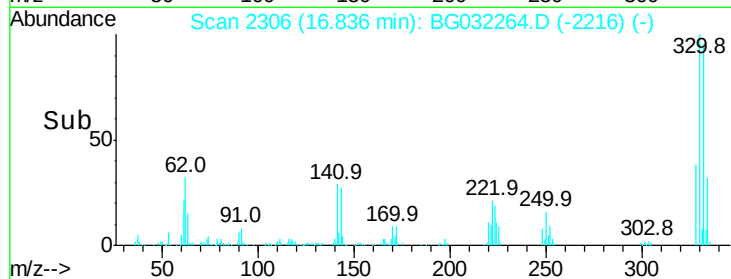
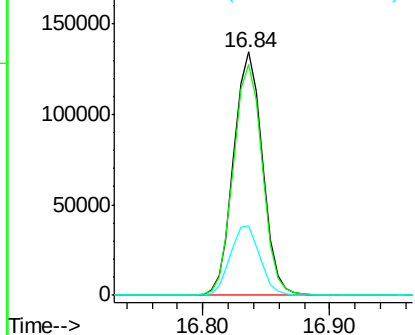
#41
 2,4,6-Tribromophenol
 Concen: 116.974 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	29.5	25.2	37.8

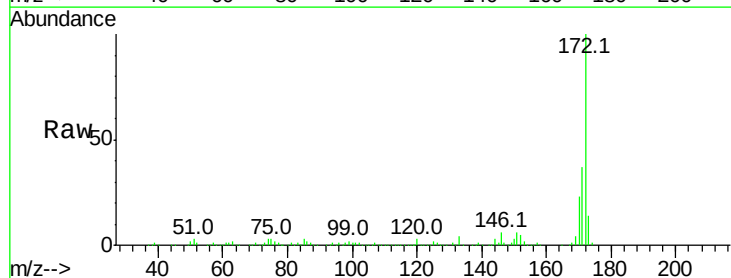


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

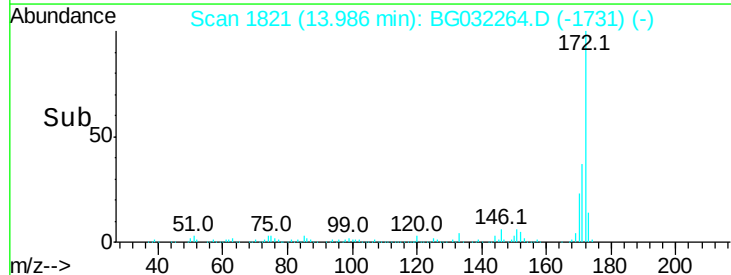
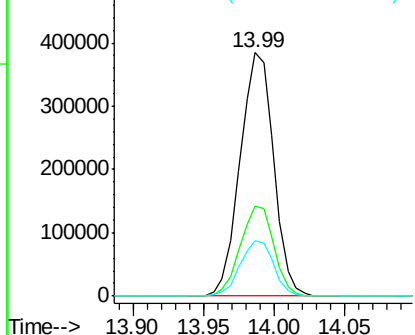


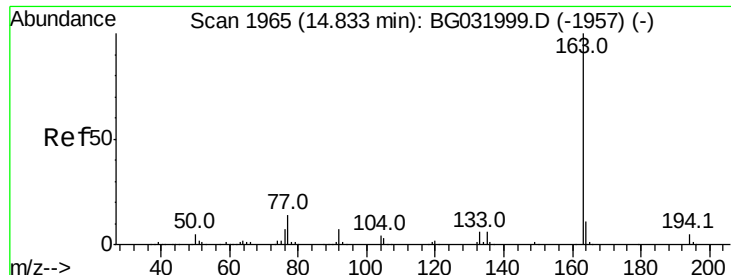
#44
 2-Fluorobiphenyl
 Concen: 72.350 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	22.8	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: 8.011 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

Instrument :

BNA_G

ClientSampleId :

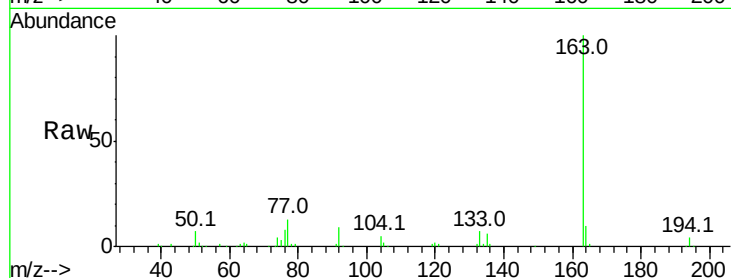
Tot Ion:163 Resp: 76823

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

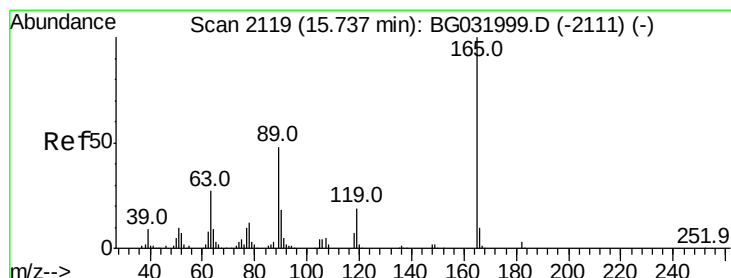
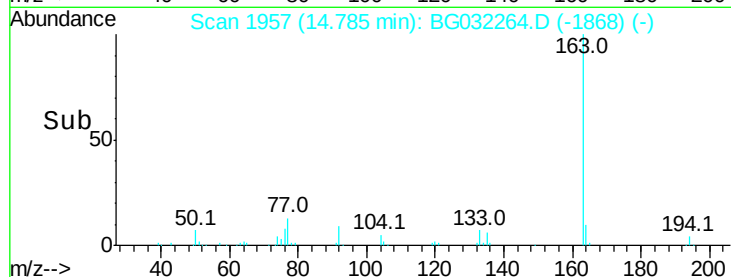
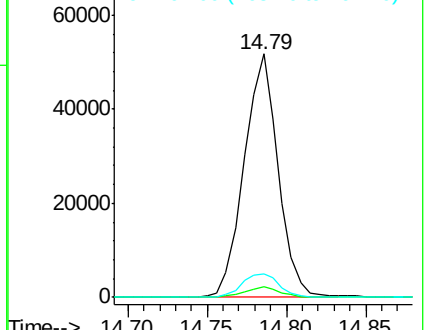
164 9.5 8.2 12.4



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: 5.284 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.34 min

Lab File: BG032264.D

Acq: 24 Jan 2018 17:10

Tgt Ion:165 Resp: 14160

Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.8 66.9 100.3#

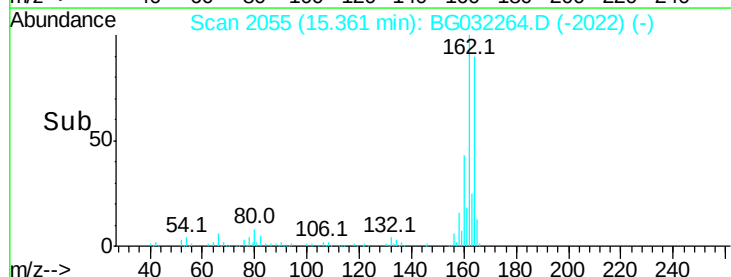
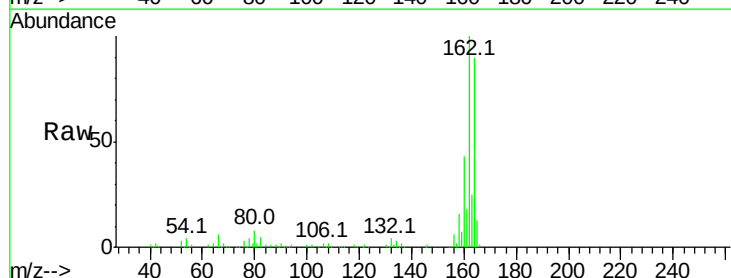
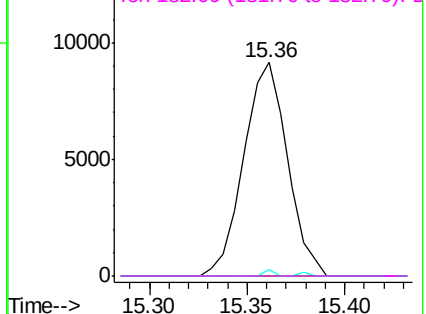
182 0.0 2.6 3.8#

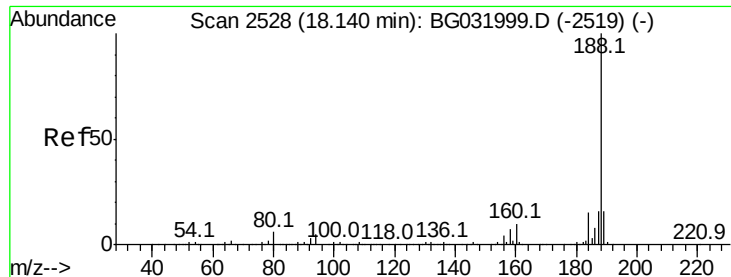
Abundance Ion 165.00 (164.70 to 165.70): E

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

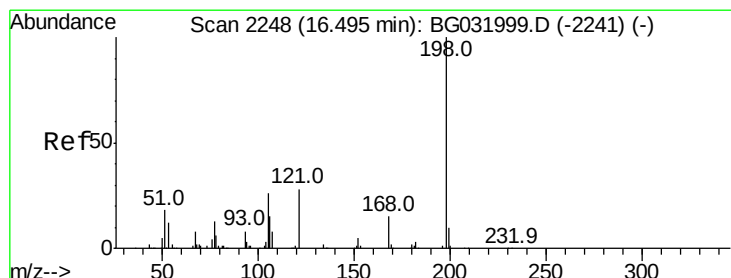
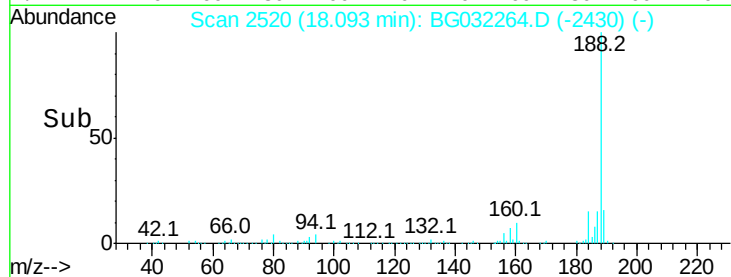
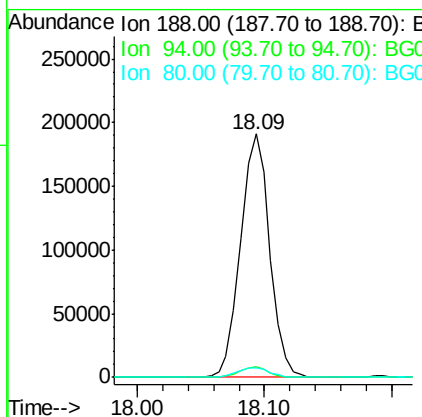
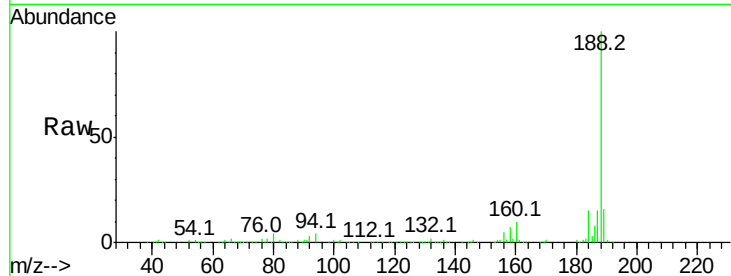




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

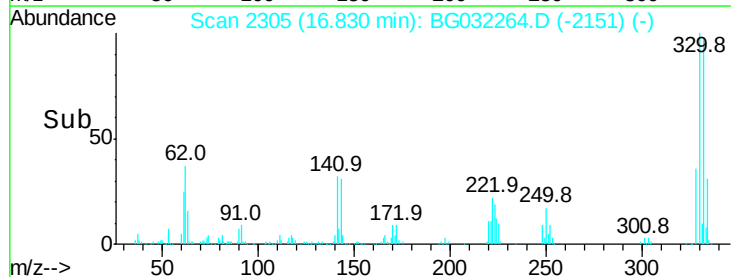
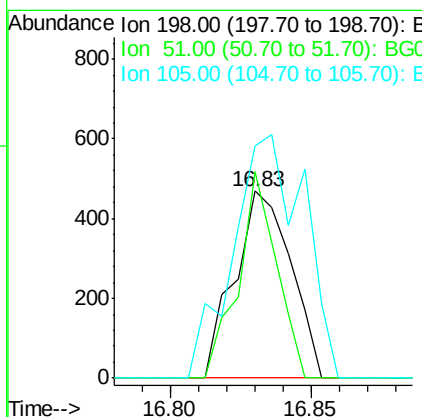
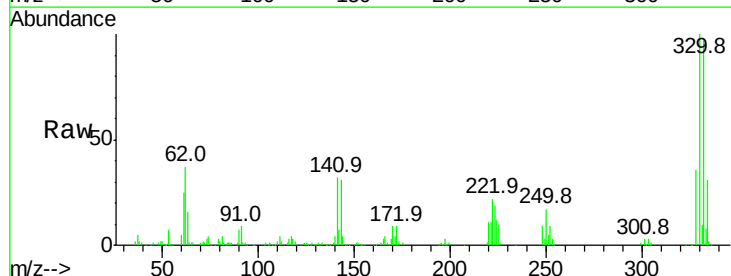
Instrument :
 BNA_G
 ClientSampleId :

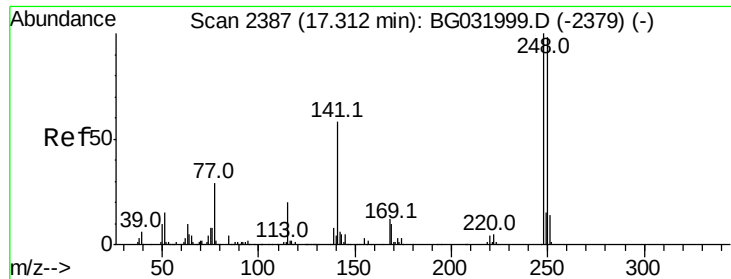
Tot Ion:188 Resp: 303641
 Ion Ratio Lower Upper
 188 100
 94 4.3 6.9 10.3#
 80 3.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.184 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. 0.37 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

Tgt Ion:198 Resp: 649
 Ion Ratio Lower Upper
 198 100
 51 110.7 30.6 70.6#
 105 124.1 23.8 63.8#

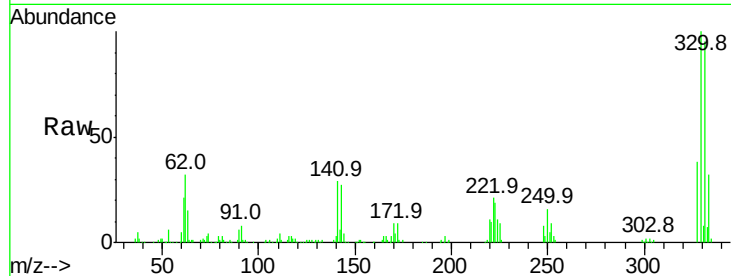




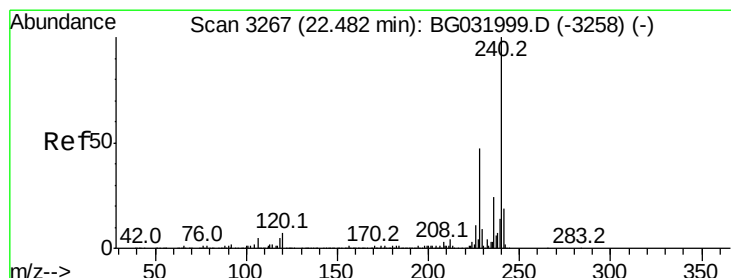
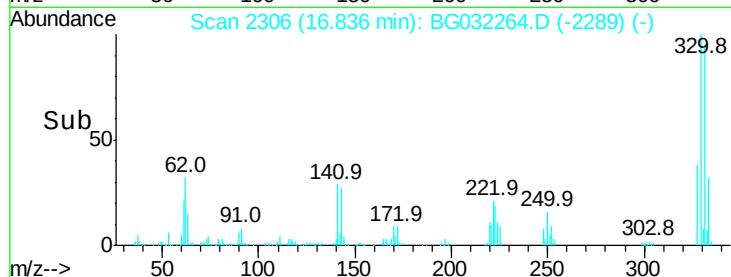
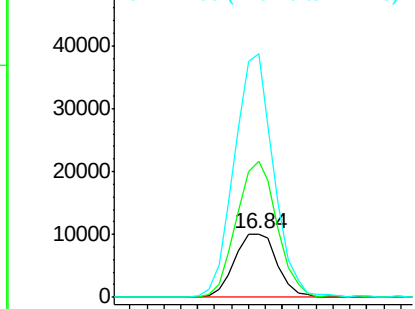
#66
 4-Bromophenyl-phenylether
 Concen: 4.111 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.43 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 17759
 Ion Ratio Lower Upper
 248 100
 250 214.9 77.1 115.7#
 141 383.3 50.8 76.2#

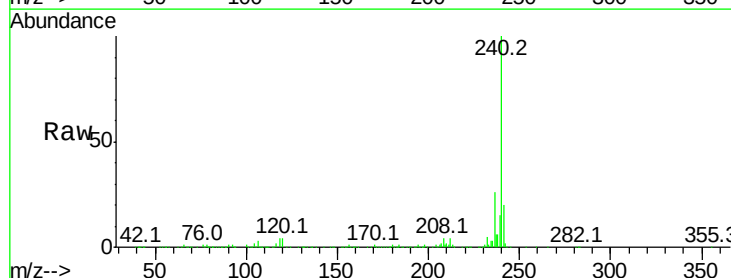


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

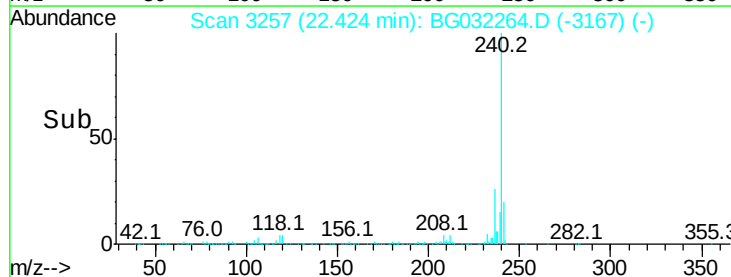
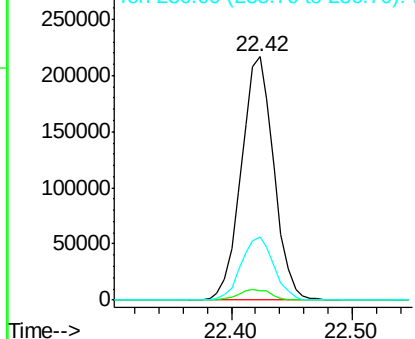


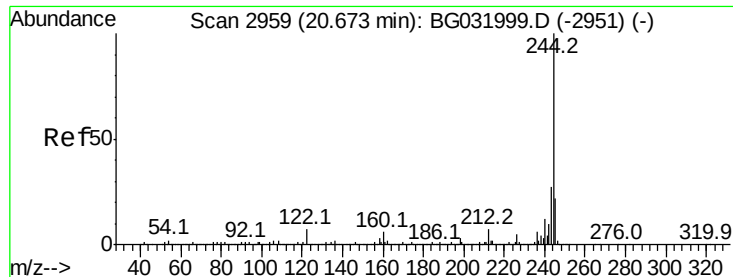
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

Tgt Ion:240 Resp: 405321
 Ion Ratio Lower Upper
 240 100
 120 3.9 6.8 10.2#
 236 25.9 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

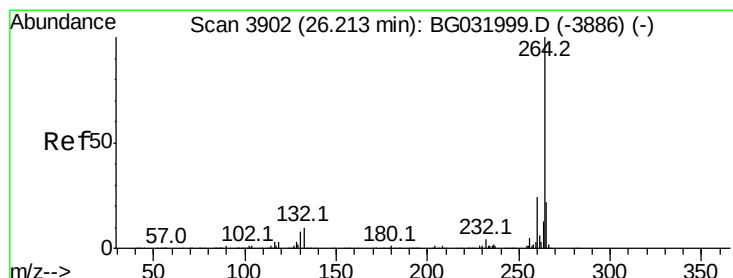
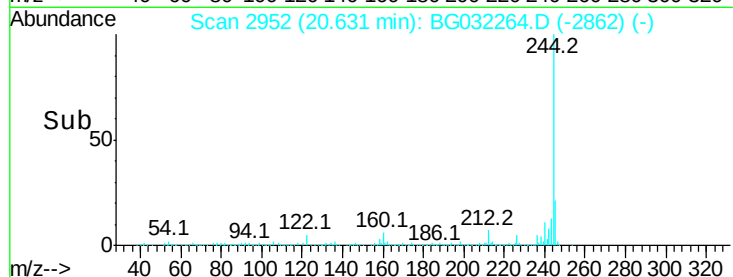
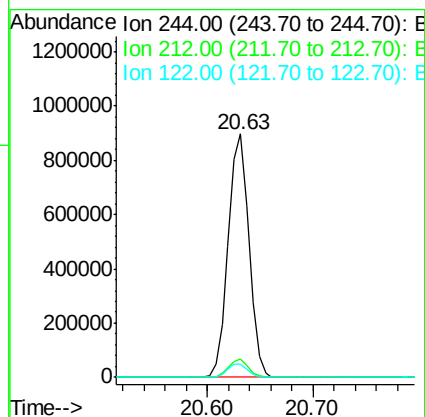
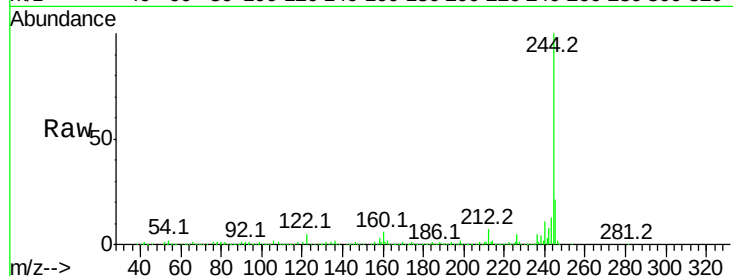




#78
 Terphenyl-d14
 Concen: 66.308 ng
 RT: 20.63 min Scan# 2952
 Delta R.T. -0.00 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1217185
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 5.4 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.11 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: BG032264.D
 Acq: 24 Jan 2018 17:10

Tgt Ion:264 Resp: 422930
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 21.8 17.7 26.5

