

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032342.D
 Acq On : 26 Jan 2018 23:45
 Operator : SJ/JU
 Sample : J1288-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 00:36:46 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	30189	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	121951	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	85216	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	238760	20.00	ng	0.00
75) Chrysene-d12	22.41	240	318137	20.00	ng	-0.01
86) Perylene-d12	26.10	264	340228	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	179609	108.81	ng	0.00
7) Phenol-d6	7.83	99	223035	107.29	ng	0.00
23) Nitrobenzene-d5	9.91	82	140569	77.98	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	184674	130.96	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	481145	70.01	ng	0.00
78) Terphenyl-d14	20.63	244	980278	68.04	ng	0.00

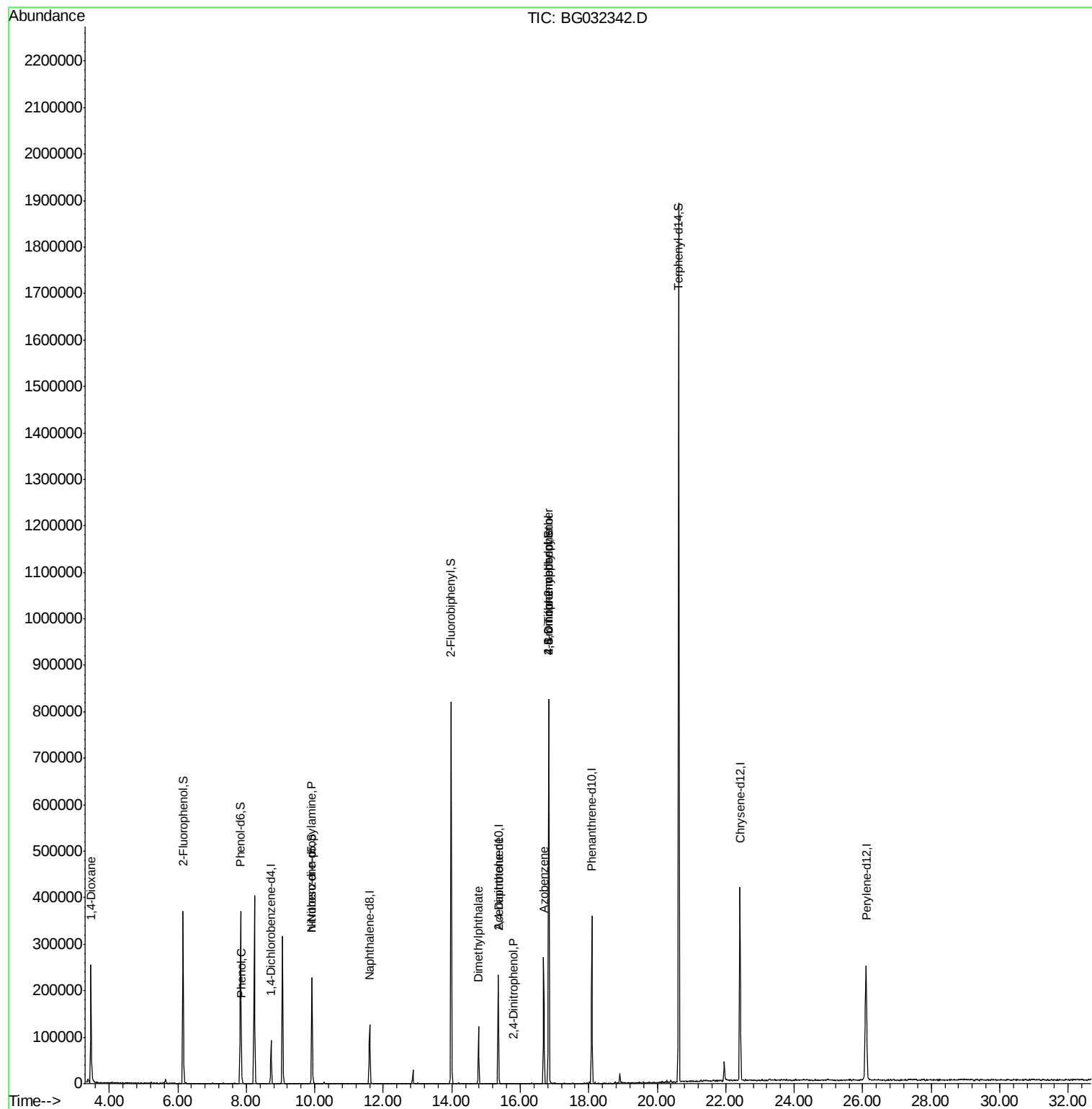
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	2530	3.990	ng	# 1
10) Phenol	7.86	94	7606	3.714	ng	# 83
19) n-Nitroso-di-n-propylamine	9.91	70	20794	16.121	ng	# 69
49) Dimethylphthalate	14.78	163	91430	12.261	ng	# 99
53) 2,4-Dinitrophenol	15.80	184	74	7.051	ng	# 1
56) 2,4-Dinitrotoluene	15.36	165	11175	5.363	ng	# 16
62) Azobenzene	16.68	77	68914	15.230	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.84	198	507	5.182	ng	# 75
66) 4-Bromophenyl-phenylether	16.83	248	15552	4.578	ng	# 1

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

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
Data File : BG032342.D
Acq On : 26 Jan 2018 23:45
Operator : SJ/JU
Sample : J1288-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 27 00:36:46 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



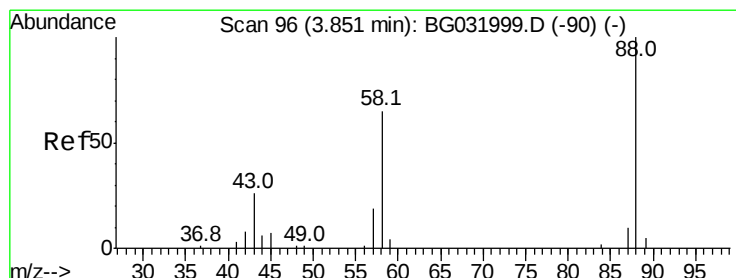
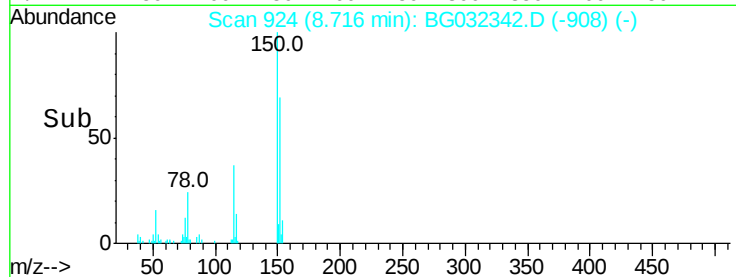
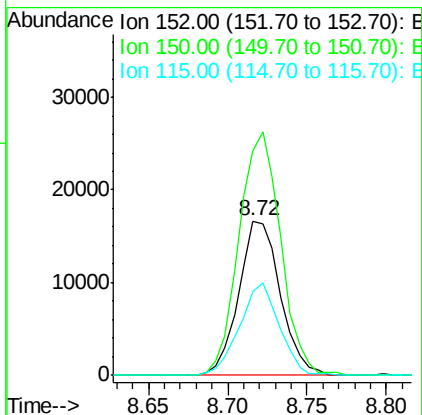
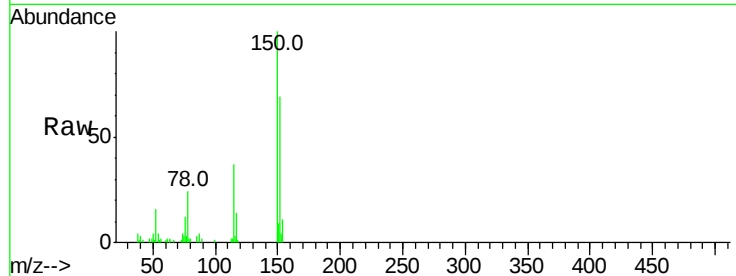


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Instrument :
BNA_G
ClientSampleId :

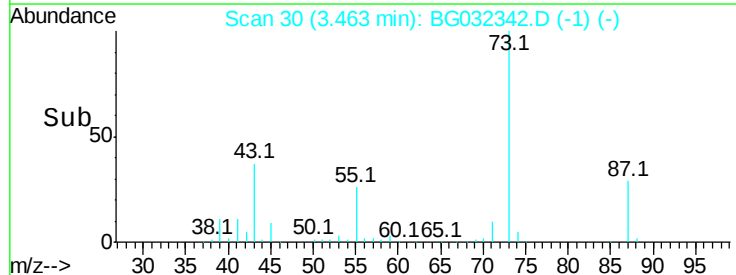
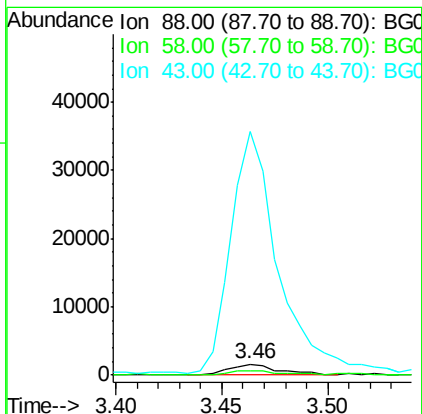
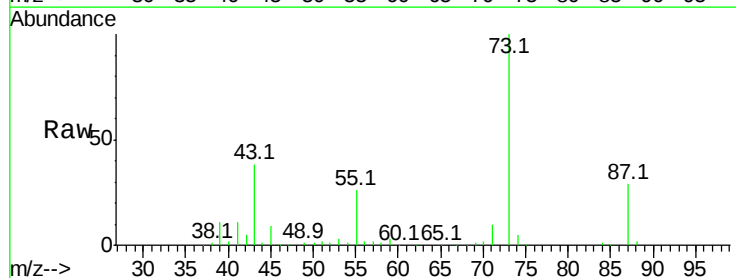
Tot Ion:152 Resp: 30189
Ion Ratio Lower Upper
152 100
150 145.9 126.6 189.8
115 54.0 53.0 79.4

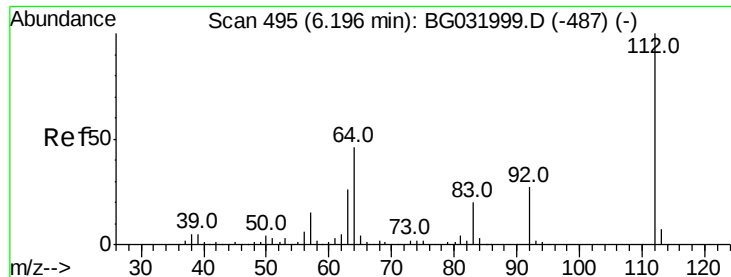


#2

1,4-Dioxane
Concen: 3.990 ng
RT: 3.46 min Scan# 30
Delta R.T. -0.36 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Tgt Ion: 88 Resp: 2530
Ion Ratio Lower Upper
88 100
58 47.5 79.6 119.4#
43 2190.0 27.4 41.0#





#5

2-Fluorophenol

Concen: 108.812 ng

RT: 6.15 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampled :

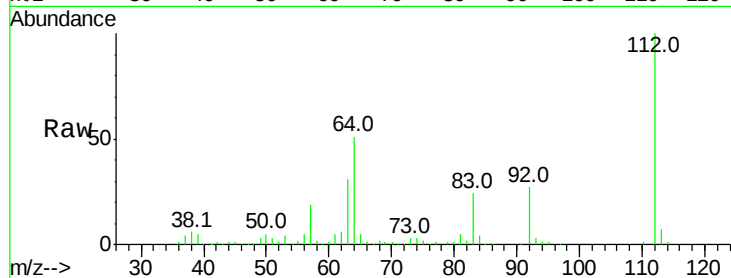
Tot Ion:112 Resp: 179609

Ion Ratio Lower Upper

112 100

64 50.8 56.3 84.5#

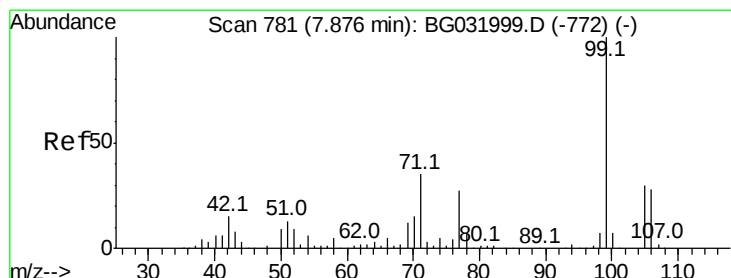
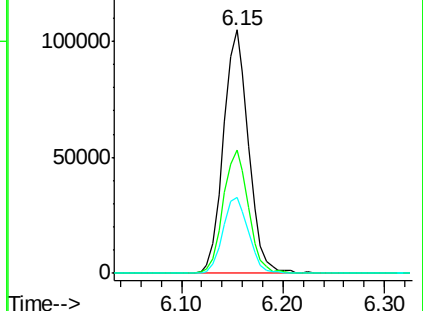
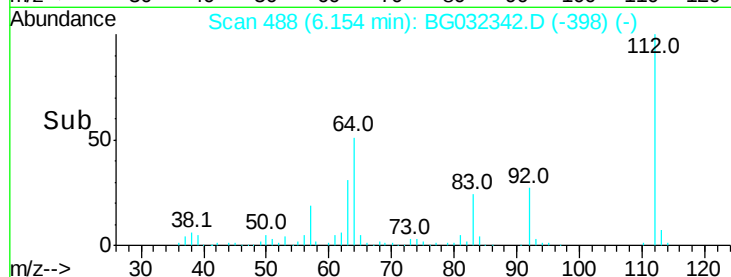
63 31.4 30.1 45.1



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: 107.287 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

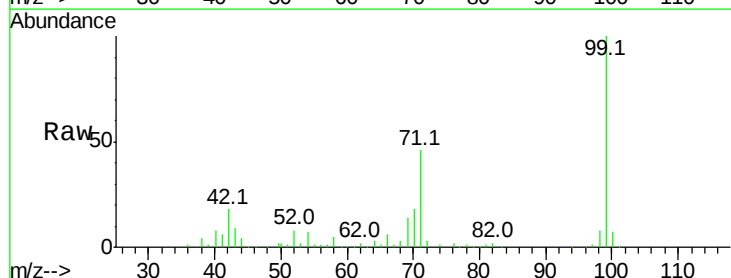
Tgt Ion: 99 Resp: 223035

Ion Ratio Lower Upper

99 100

42 18.3 14.1 21.1

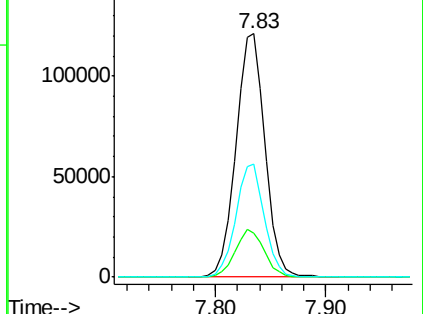
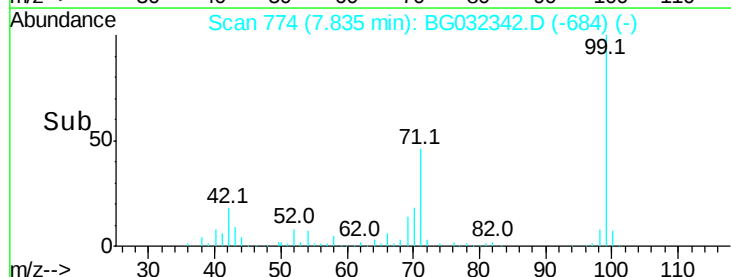
71 46.5 26.1 39.1#

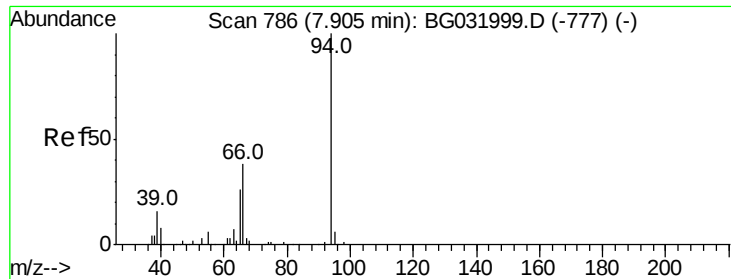


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 3.714 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampled :

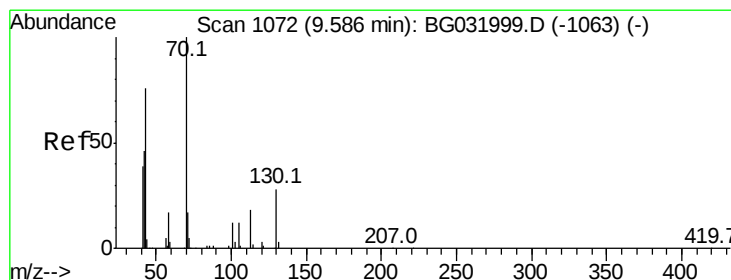
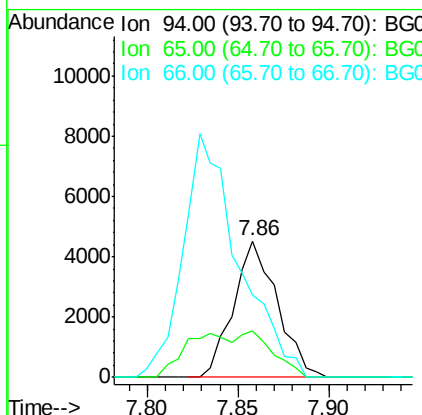
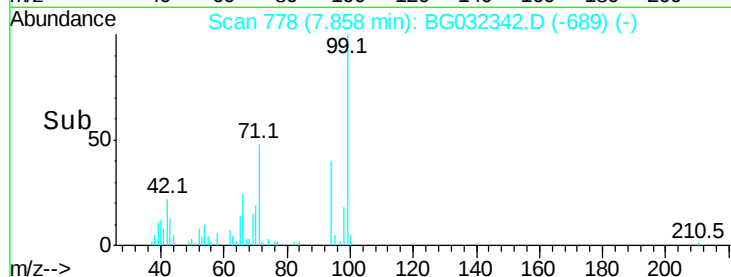
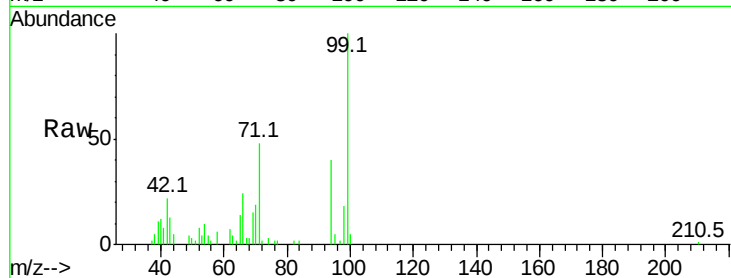
Tot Ion: 94 Resp: 7606

Ion Ratio Lower Upper

94 100

65 33.6 11.9 51.9

66 60.2 22.2 62.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.121 ng

RT: 9.91 min Scan# 1128

Delta R.T. 0.37 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Tgt Ion: 70 Resp: 20794

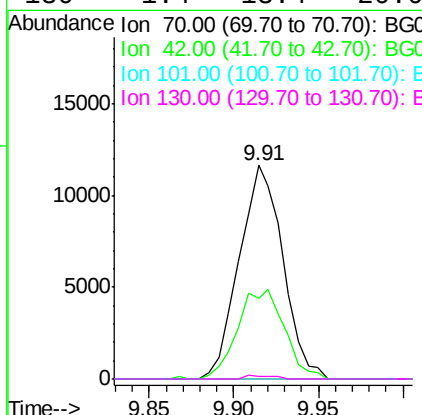
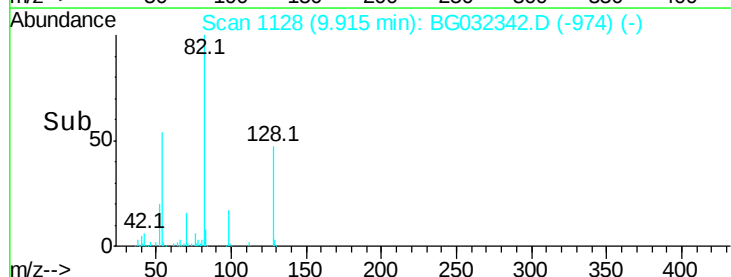
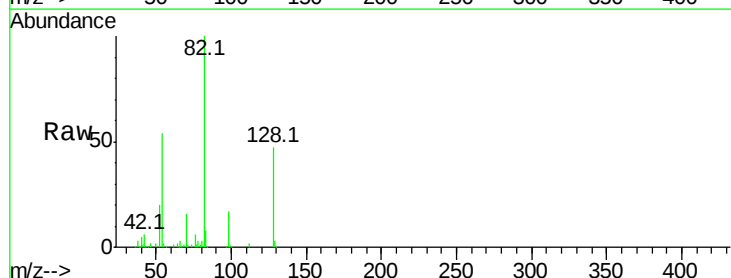
Ion Ratio Lower Upper

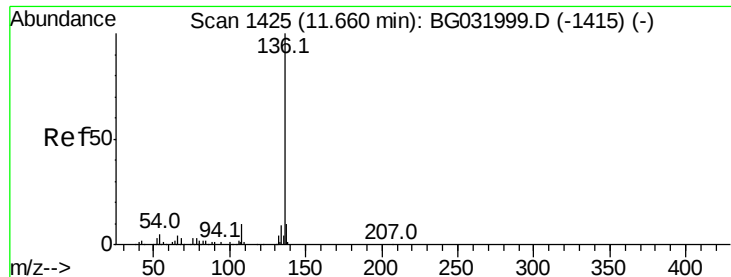
70 100

42 38.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 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: BG032342.D

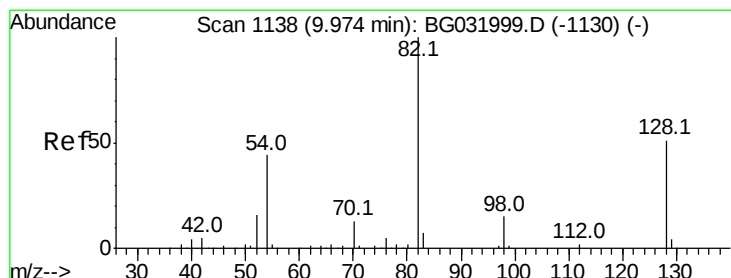
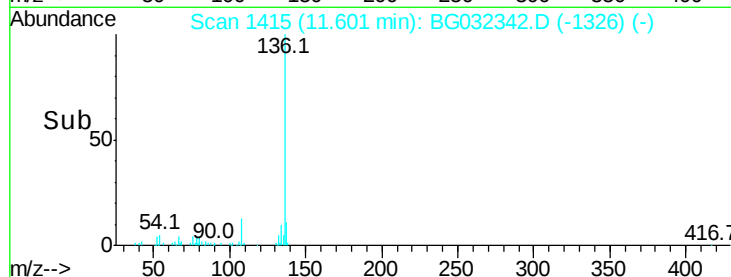
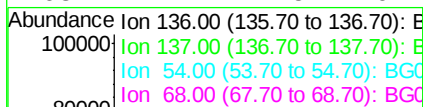
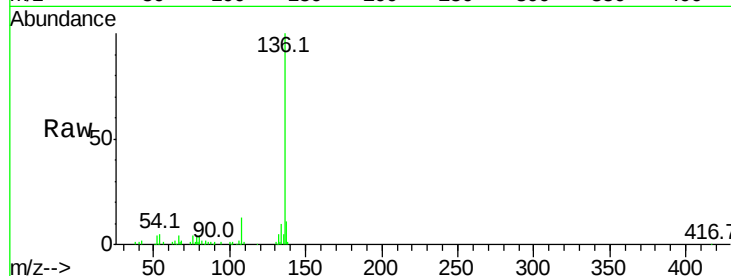
Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampled :

Tot Ion:136	Resp:	121951
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	4.5	10.3 15.5#
68	2.1	4.5 6.7#



#23

Nitrobenzene-d5

Concen: 77.983 ng

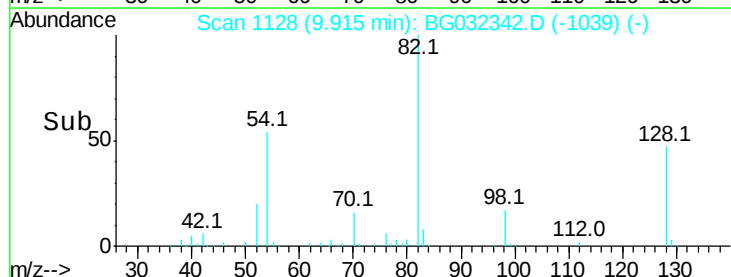
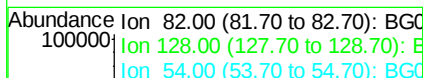
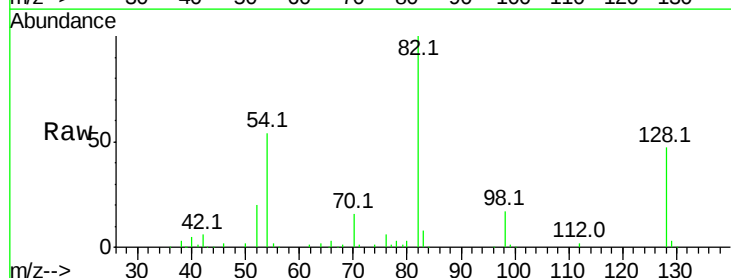
RT: 9.91 min Scan# 1128

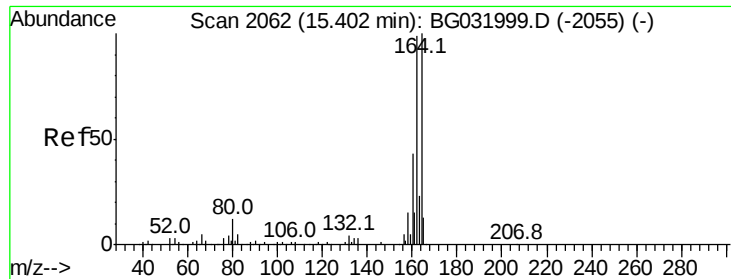
Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Tgt Ion: 82	Resp:	140569
Ion	Ratio	Lower Upper
82	100	
128	47.4	29.7 44.5#
54	53.7	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: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampleId :

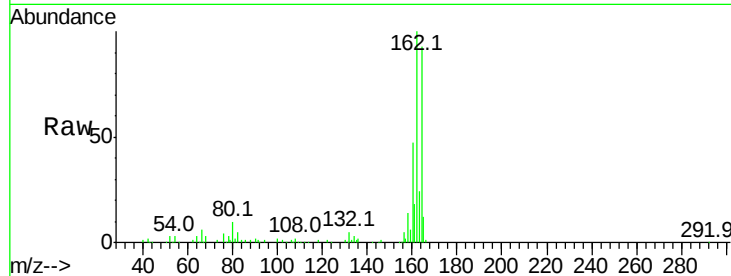
Tot Ion:164 Resp: 85216

Ion Ratio Lower Upper

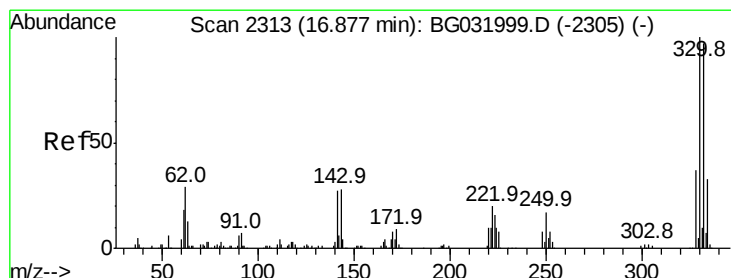
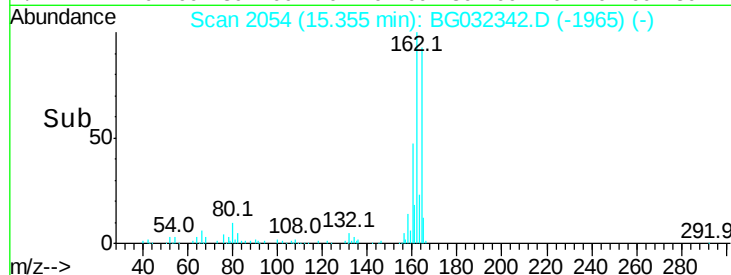
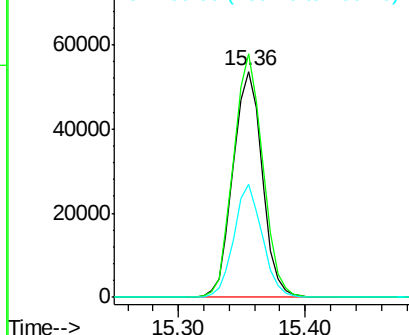
164 100

162 107.8 78.8 118.2

160 50.2 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: 130.963 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

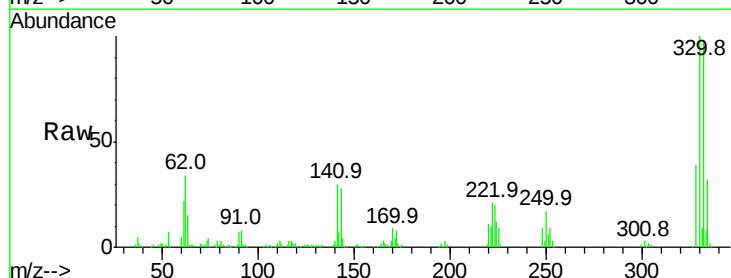
Tgt Ion:330 Resp: 184674

Ion Ratio Lower Upper

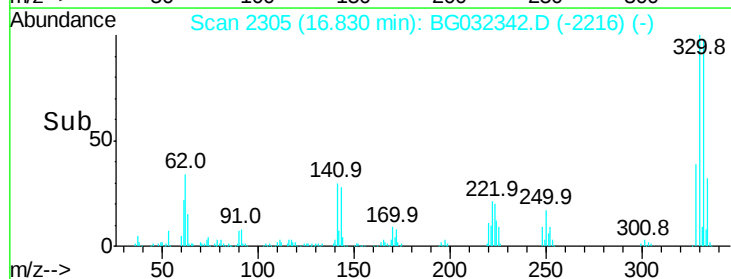
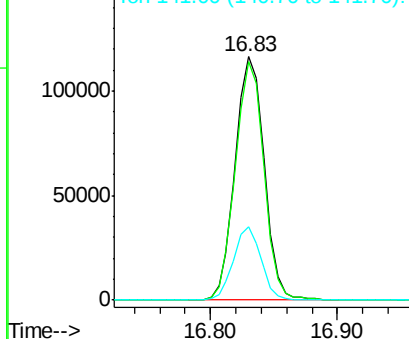
330 100

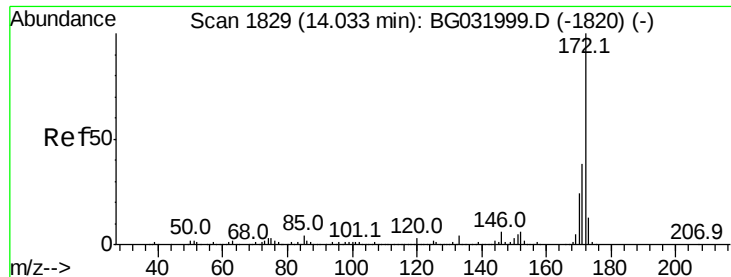
332 96.0 77.0 115.6

141 28.6 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

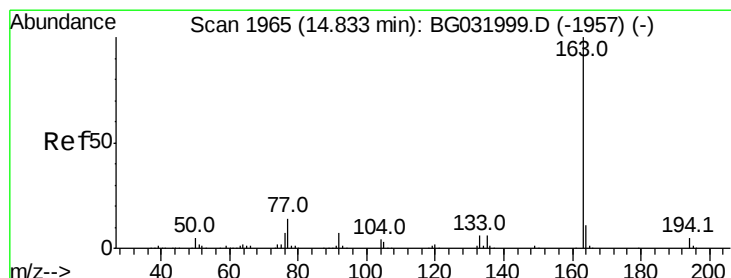
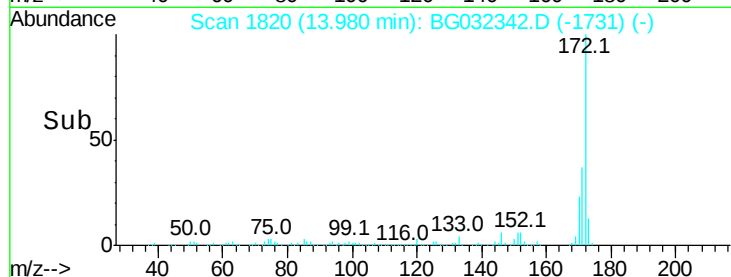
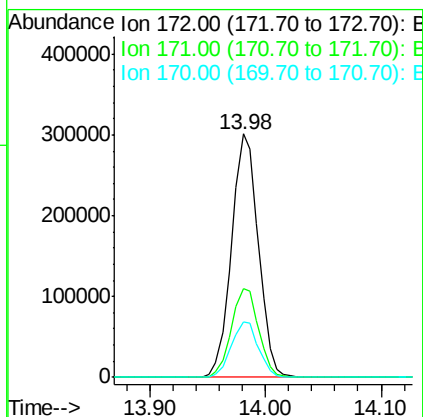
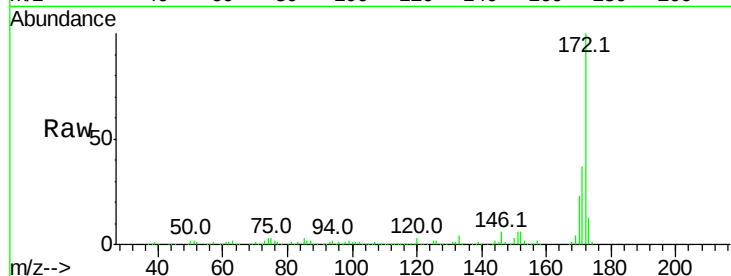




#44
2-Fluorobiphenyl
Concen: 70.010 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

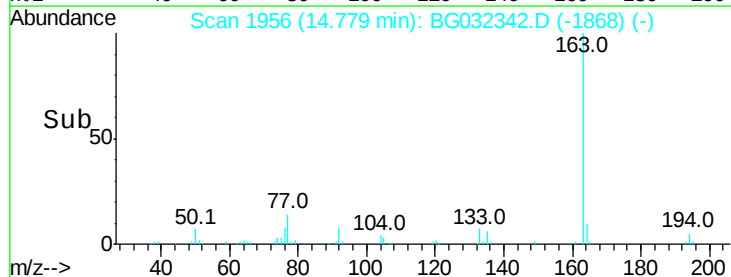
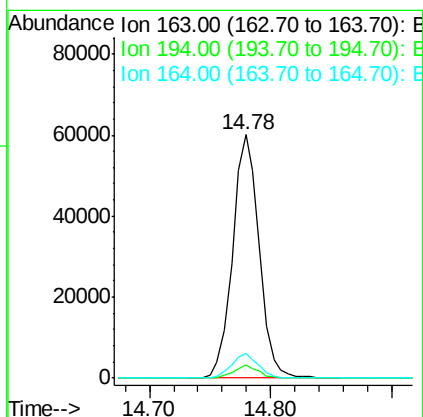
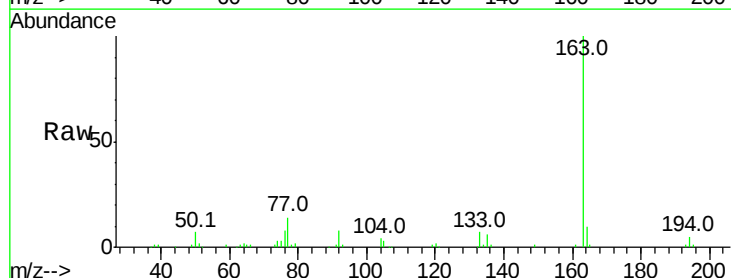
Instrument :
BNA_G
ClientSampleId :

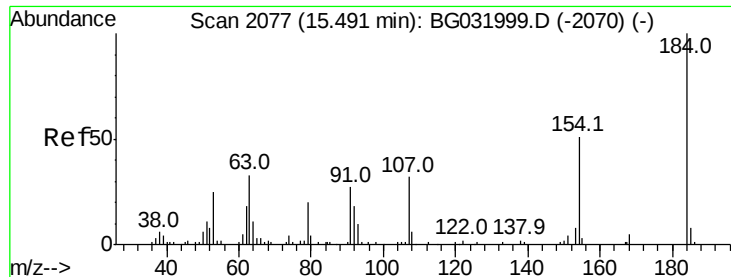
Tot Ion:172 Resp: 481145
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 22.7 19.5 29.3



#49
Dimethylphthalate
Concen: 12.261 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Tgt Ion:163 Resp: 91430
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.0 8.2 12.4





#53

2,4-Dinitrophenol

Concen: 7.051 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.35 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampleId :

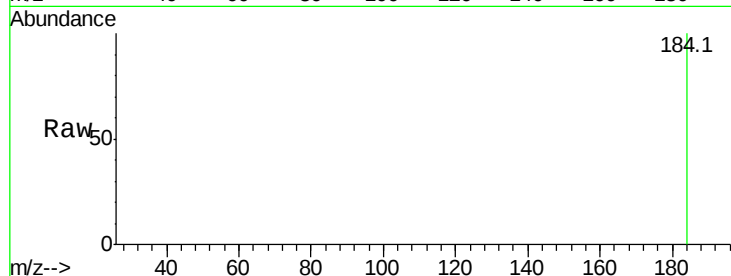
Tot Ion:184 Resp: 74

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

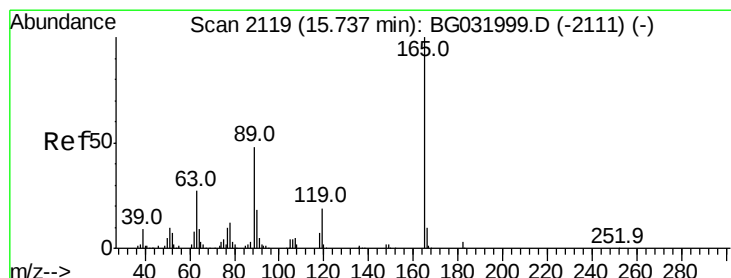
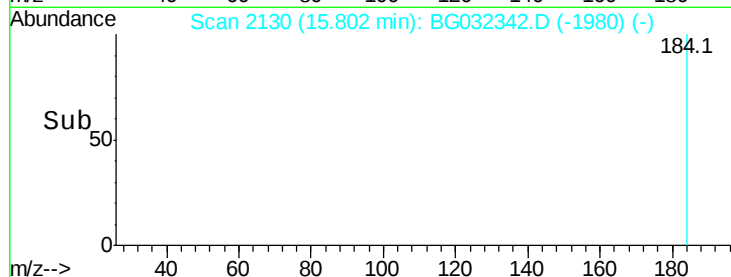
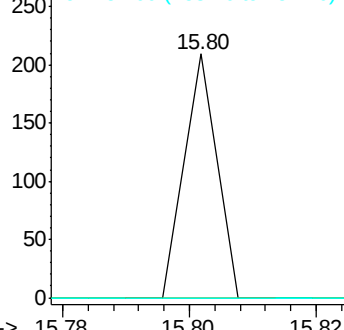
154 0.0 101.8 152.8#



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: 5.363 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.34 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Tgt Ion:165 Resp: 11175

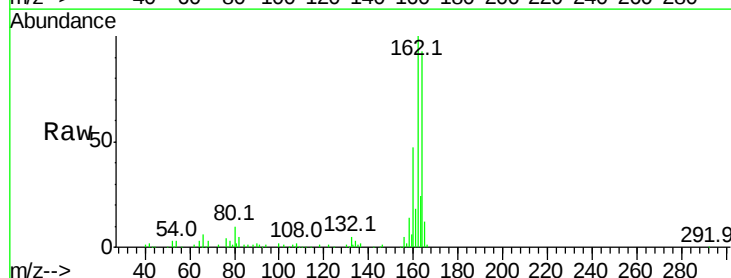
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

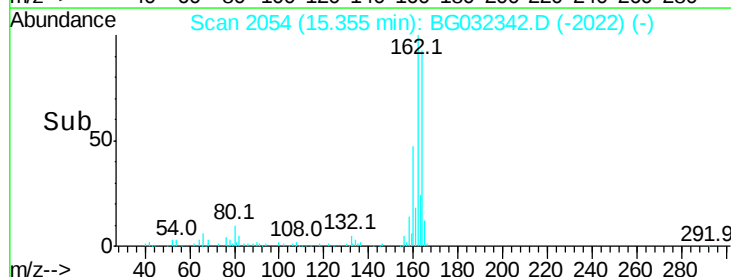
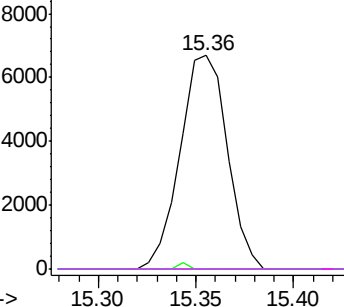


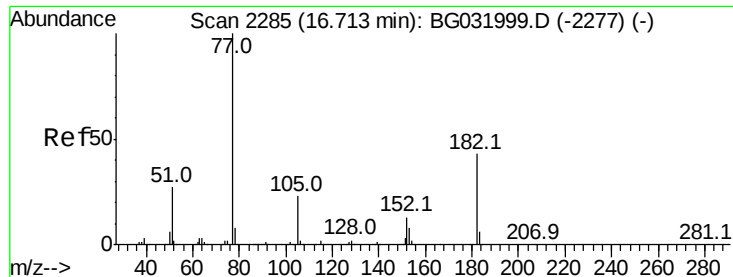
Abundance Ion 165.00 (164.70 to 165.70): E

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: 15.230 ng

RT: 16.68 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 68914

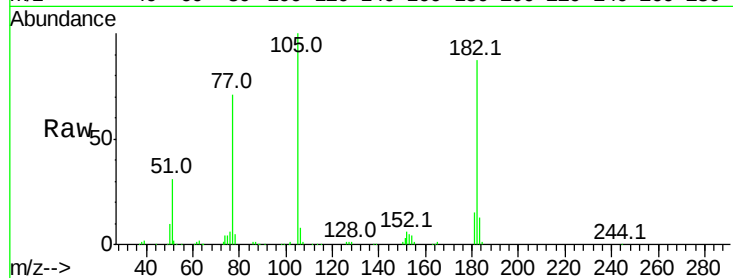
Ion Ratio Lower Upper

77 100

182 122.0 7.4 47.4#

105 140.2 0.3 40.3#

51 43.3 11.6 51.6

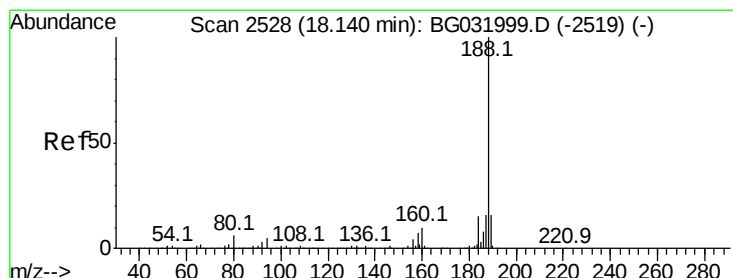
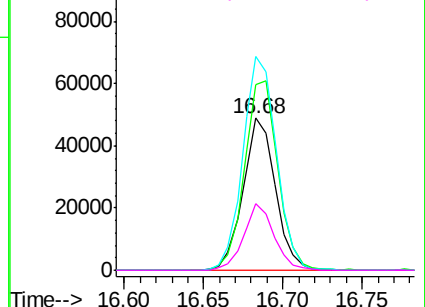
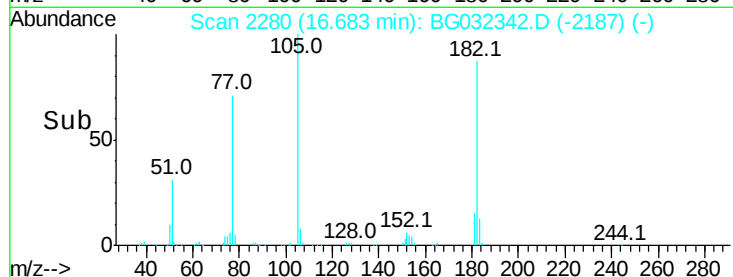


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG032342.D

Acq: 26 Jan 2018 23:45

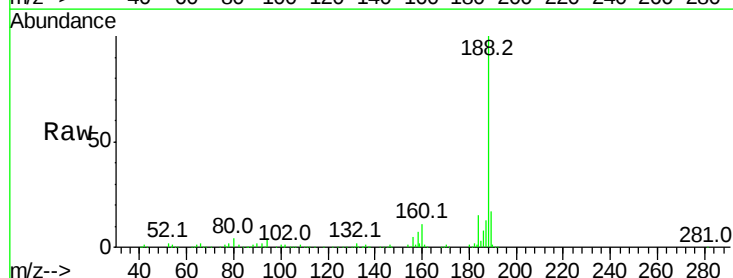
Tgt Ion: 188 Resp: 238760

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

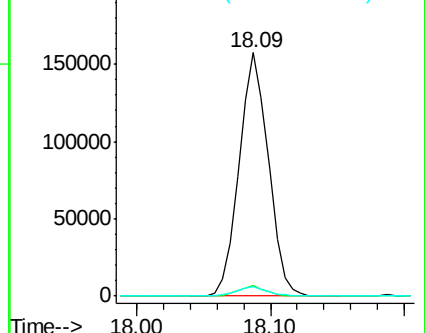
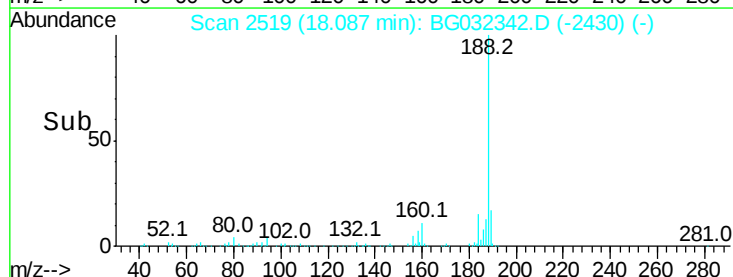
80 4.1 7.7 11.5#

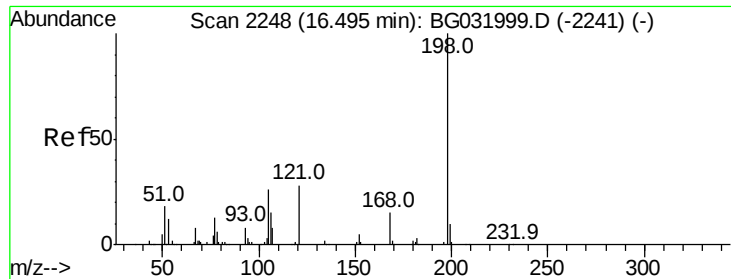


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

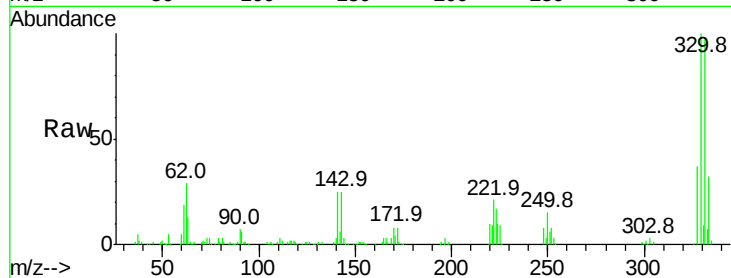




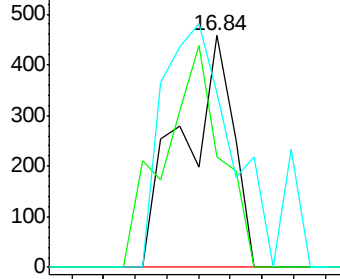
#64
4,6-Dinitro-2-methylphenol
Concen: 5.182 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.38 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Instrument :
BNA_G
ClientSampleId :

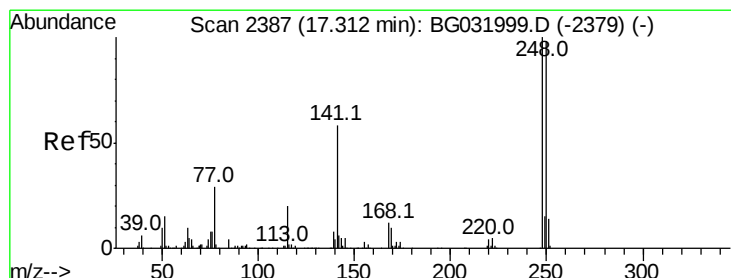
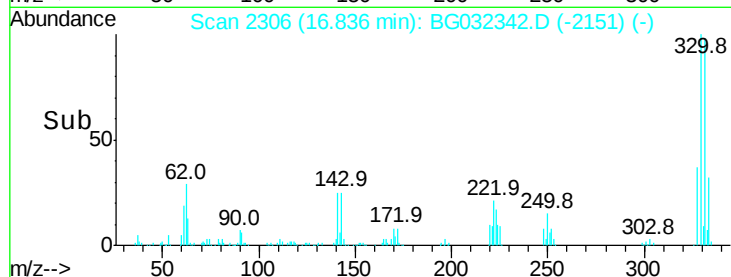
Tot Ion:198 Resp: 507
Ion Ratio Lower Upper
198 100
51 47.6 30.6 70.6
105 75.3 23.8 63.8#



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

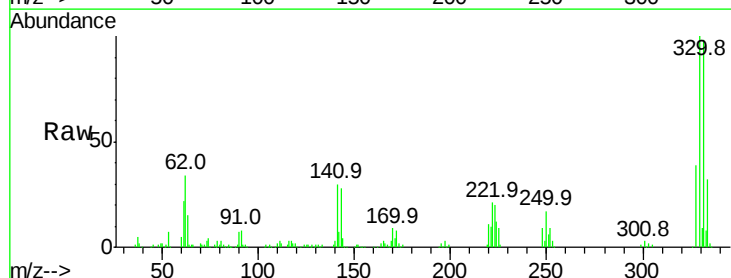


Time-->

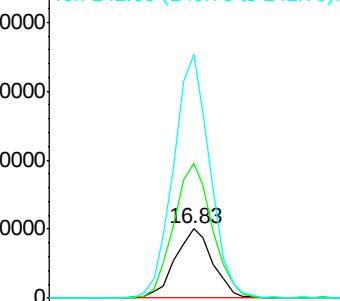


#66
4-Bromophenyl-phenylether
Concen: 4.578 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.44 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

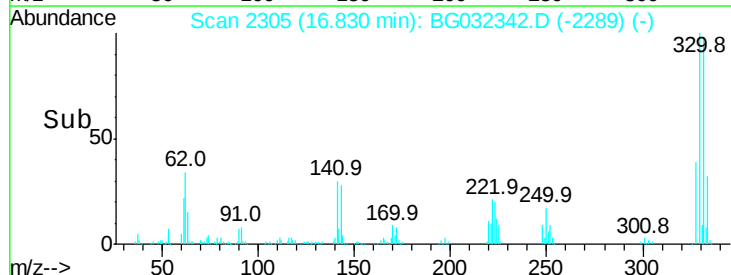
Tgt Ion:248 Resp: 15552
Ion Ratio Lower Upper
248 100
250 195.5 77.1 115.7#
141 353.1 50.8 76.2#

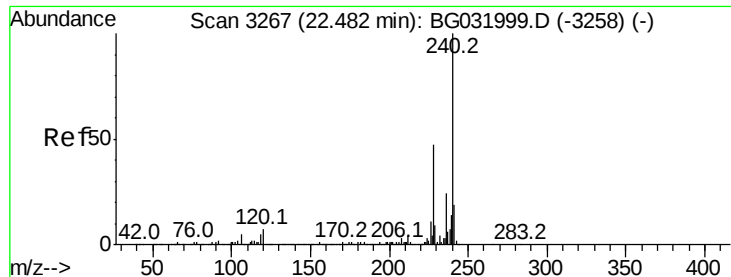


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

Instrument :

BNA_G

ClientSampleId :

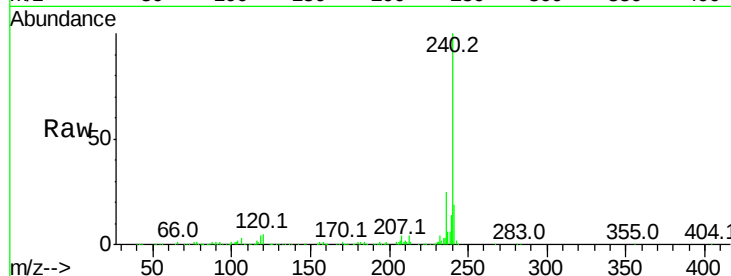
Tot Ion:240 Resp: 318137

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

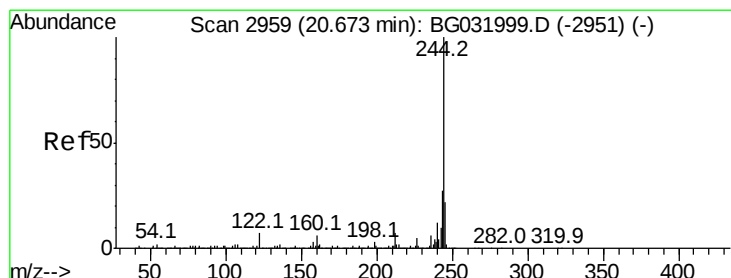
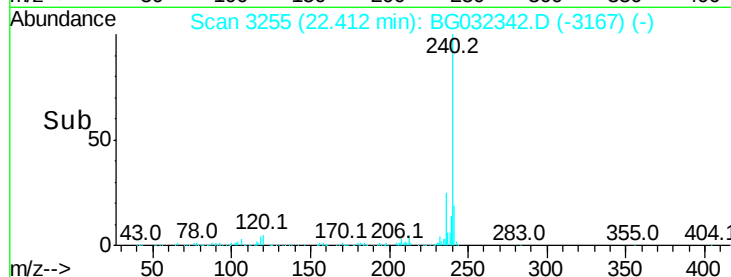
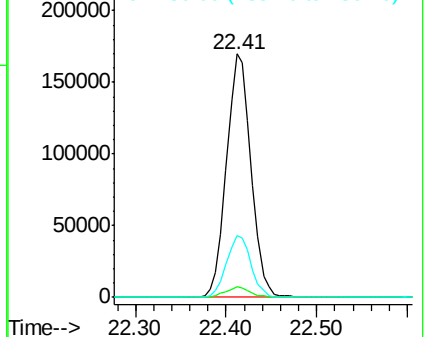
236 25.2 20.9 31.3



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: 68.037 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032342.D

Acq: 26 Jan 2018 23:45

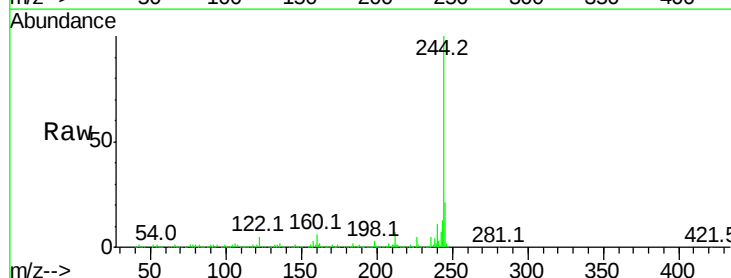
Tgt Ion:244 Resp: 980278

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

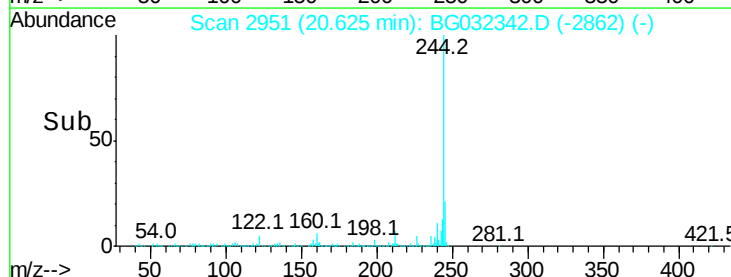
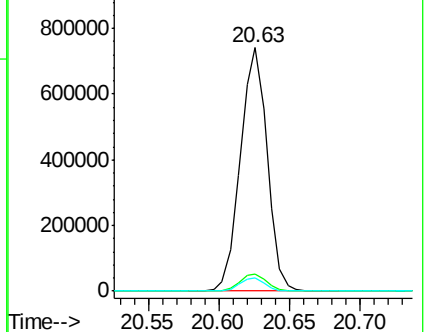
122 5.2 7.0 10.4#

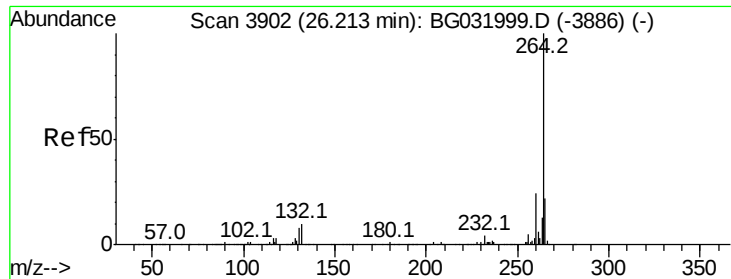


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

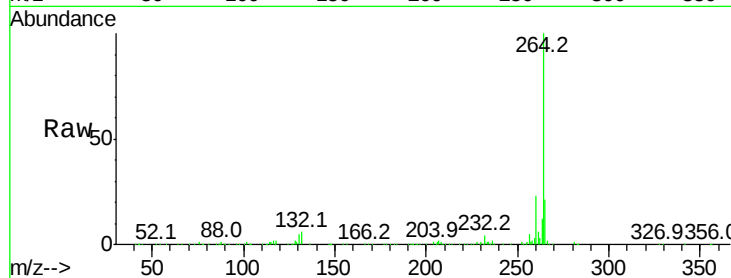




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032342.D
Acq: 26 Jan 2018 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.9	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

