

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032175.D
 Acq On : 20 Jan 2018 7:37
 Operator : SJ/JU
 Sample : J1159-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 21 23:59:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	44336	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	177324	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	117223	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	326324	20.00	ng	0.00
75) Chrysene-d12	22.45	240	446379	20.00	ng	0.00
86) Perylene-d12	26.15	264	469192	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.17	112	335102	138.24	ng	0.00
7) Phenol-d6	7.85	99	385411	126.24	ng	0.00
23) Nitrobenzene-d5	9.94	82	267382	102.01	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	310715	160.18	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	911942	96.46	ng	0.00
78) Terphenyl-d14	20.65	244	1897569	93.86	ng	0.00

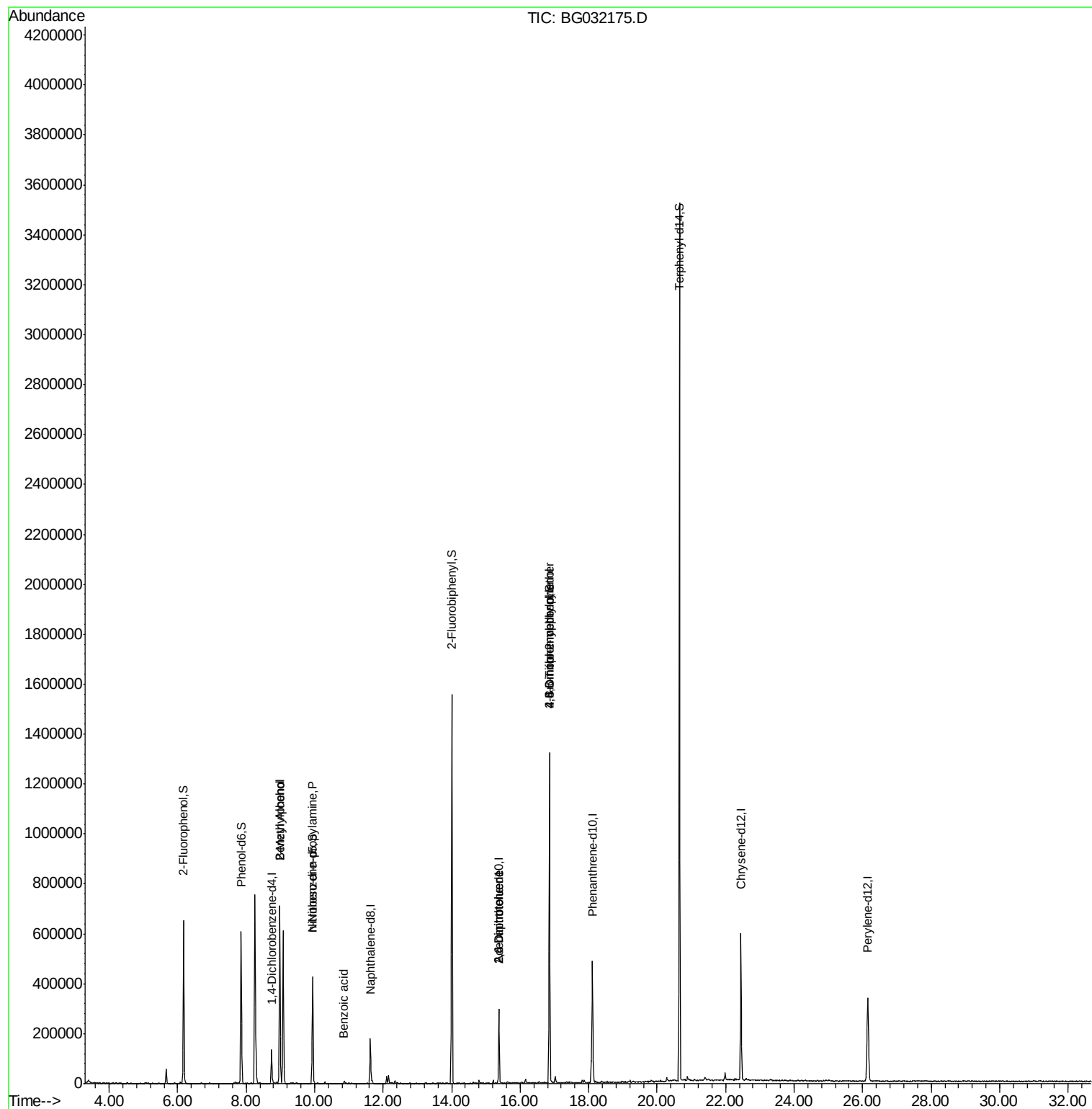
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.98	79	275483	124.208	ng	96
17) 2-Methylphenol	8.98	107	147679	64.253	ng	# 10
19) n-Nitroso-di-n-propylamine	9.94	70	38237	20.185	ng	# 79
32) Benzoic acid	10.83	122	54	5.280	ng	# 1
50) 2,6-Dinitrotoluene	15.38	165	15080	7.082	ng	# 18
56) 2,4-Dinitrotoluene	15.38	165	15080	5.261	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.86	198	968	5.301	ng	# 33
66) 4-Bromophenyl-phenylether	16.85	248	25508	5.494	ng	# 1

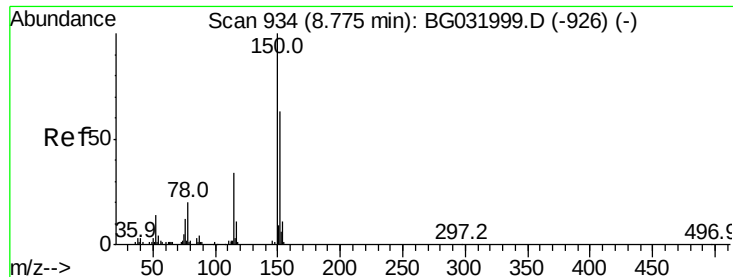
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032175.D
Acq On : 20 Jan 2018 7:37
Operator : SJ/JU
Sample : J1159-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 21 23:59:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Instrument :

BNA_G

ClientSampleId :

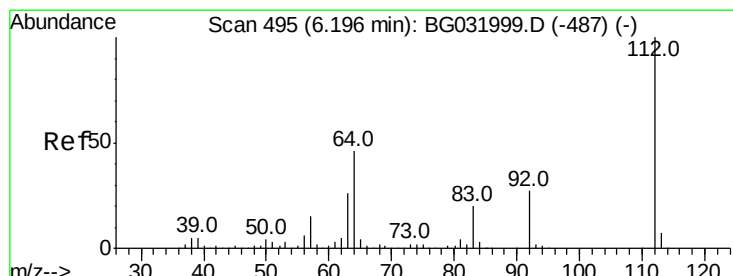
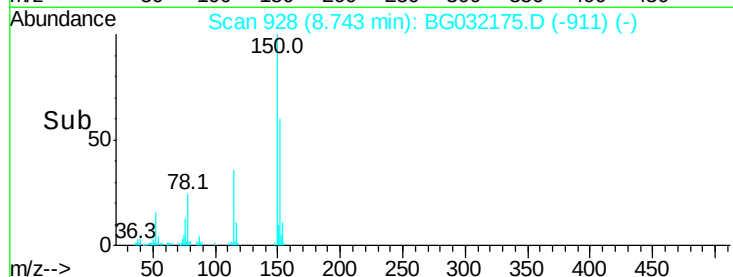
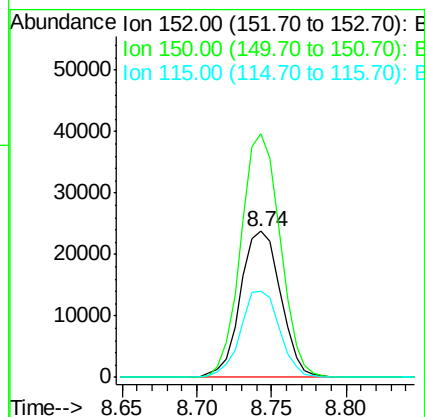
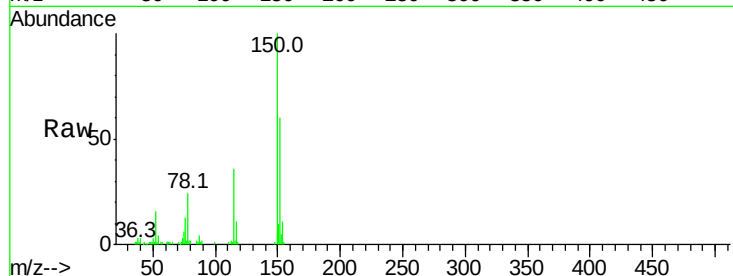
Tot Ion:152 Resp: 44336

Ion Ratio Lower Upper

152 100

150 166.9 126.6 189.8

115 59.4 53.0 79.4



#5

2-Fluorophenol

Concen: 138.235 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

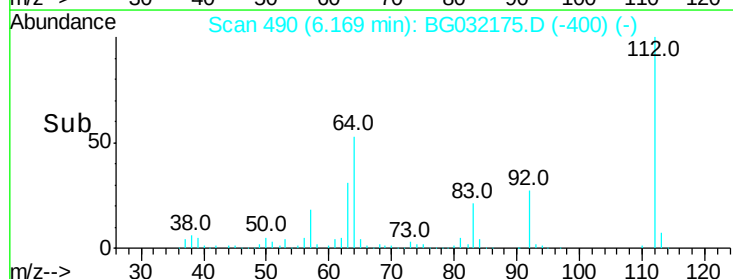
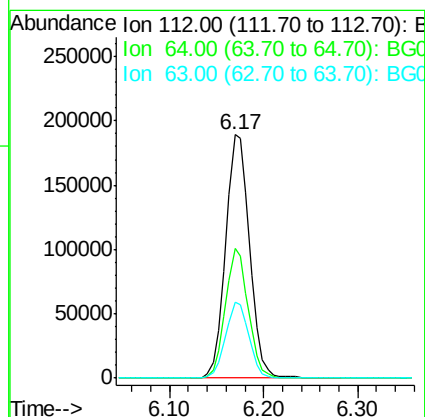
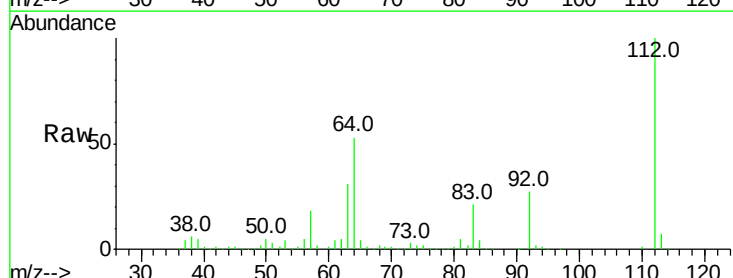
Tgt Ion:112 Resp: 335102

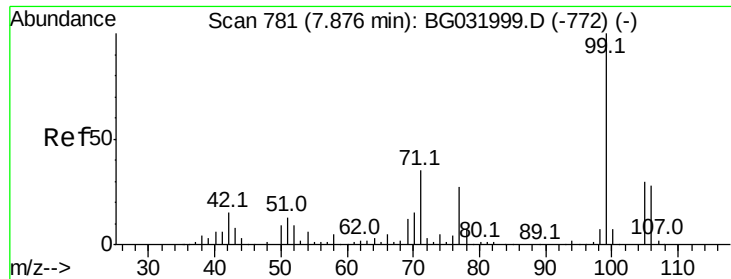
Ion Ratio Lower Upper

112 100

64 53.1 56.3 84.5#

63 31.2 30.1 45.1





#7

Phenol-d6

Concen: 126.238 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Instrument :

BNA_G

ClientSampleId :

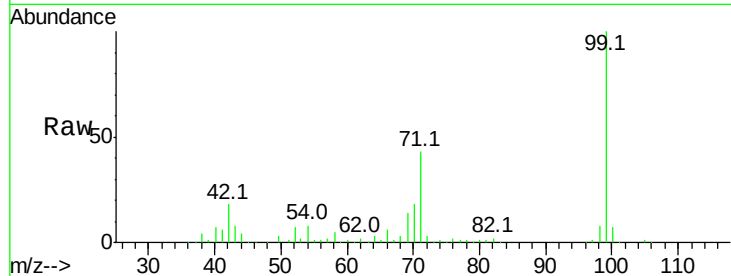
Tot Ion: 99 Resp: 385411

Ion Ratio Lower Upper

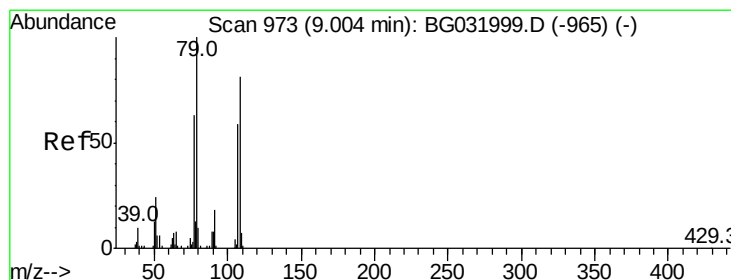
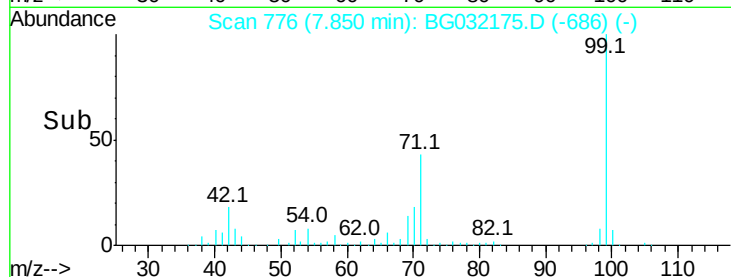
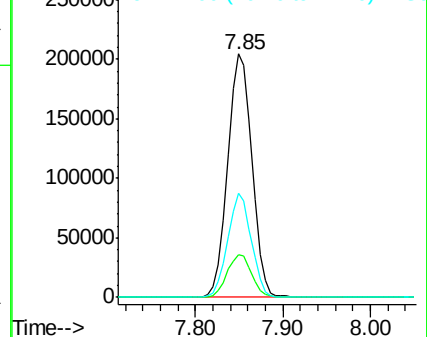
99 100

42 17.5 14.1 21.1

71 42.8 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: 124.208 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.01 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

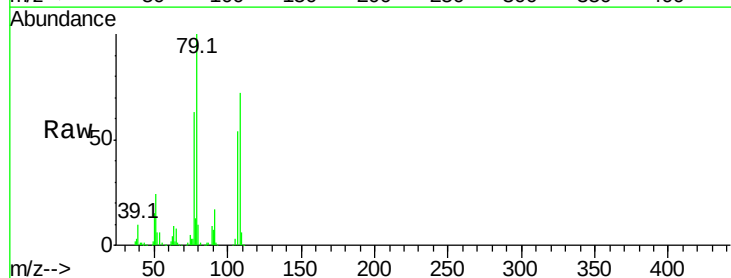
Tgt Ion: 79 Resp: 275483

Ion Ratio Lower Upper

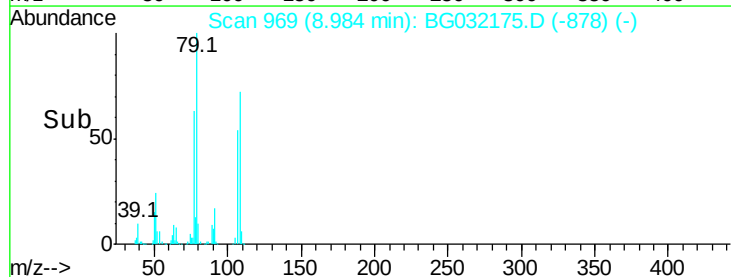
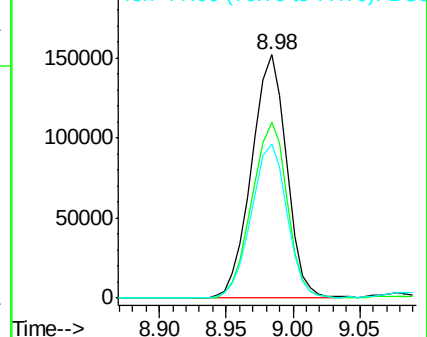
79 100

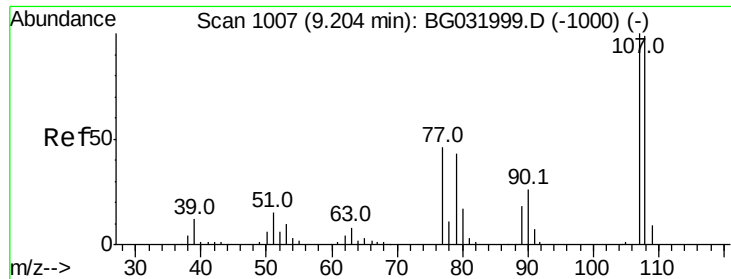
108 72.0 57.2 85.8

77 63.4 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

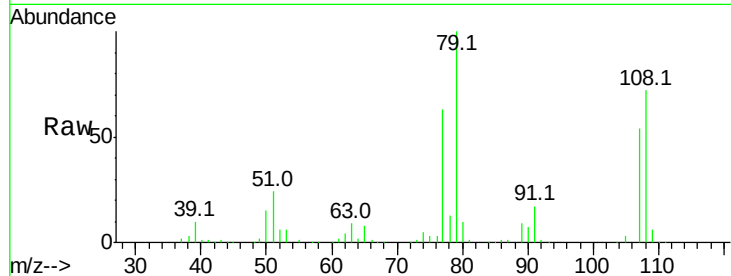




#17
2-Methylphenol
Concen: 64.253 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.19 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	134.2	83.9	125.9#
77	118.3	37.2	55.8#
79	186.4	36.2	54.2#



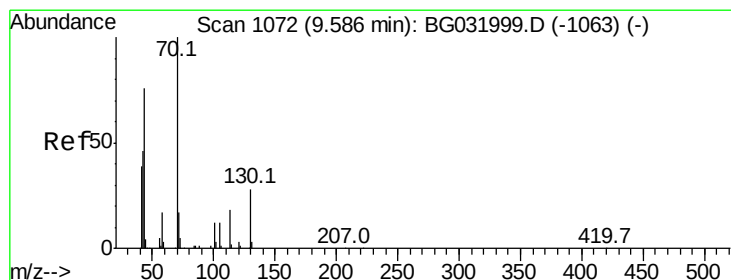
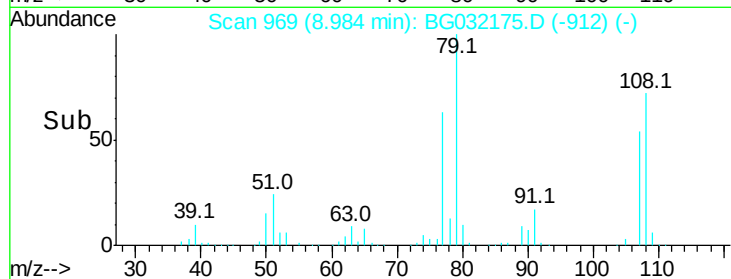
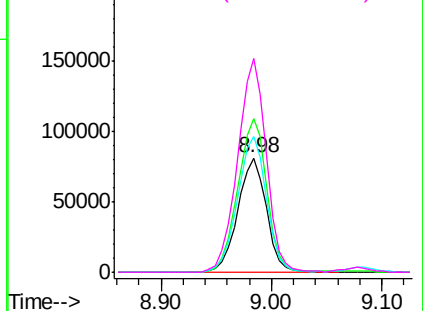
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#19
n-Nitroso-di-n-propylamine
Concen: 20.185 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

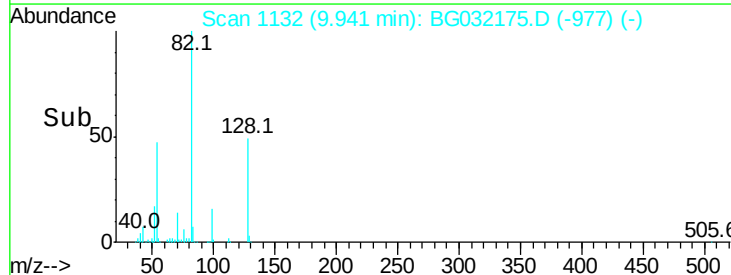
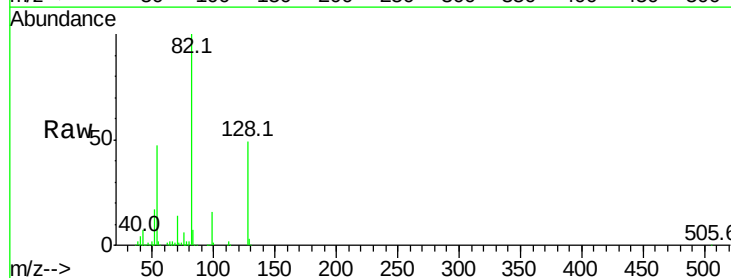
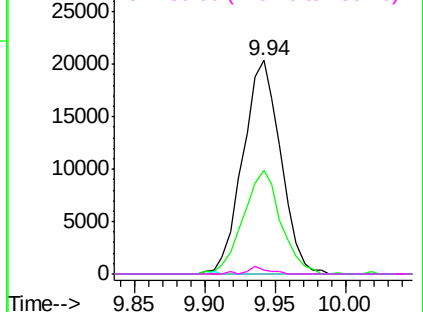
Abundance

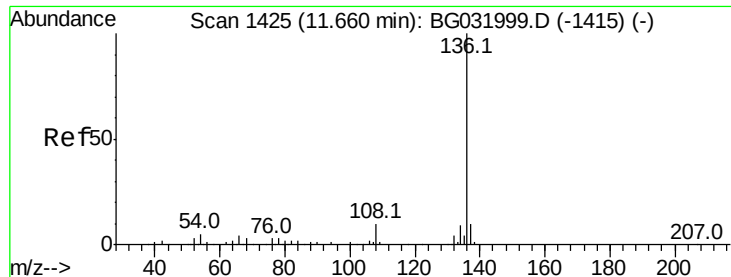
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

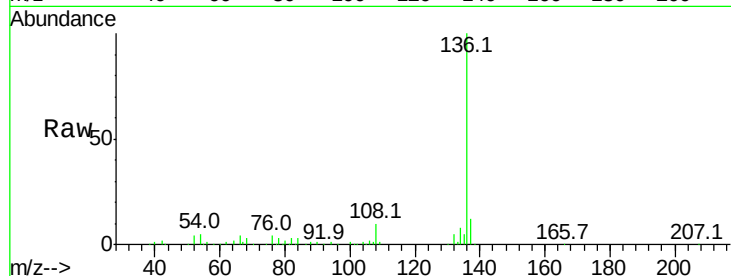




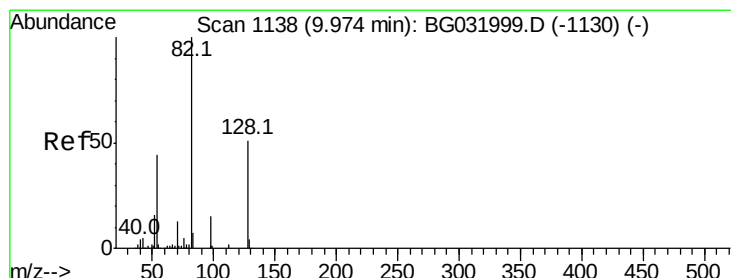
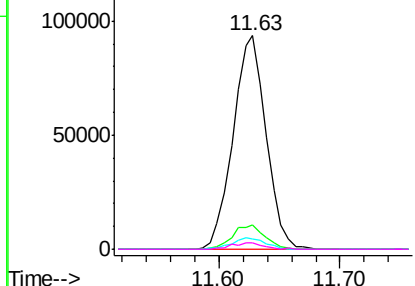
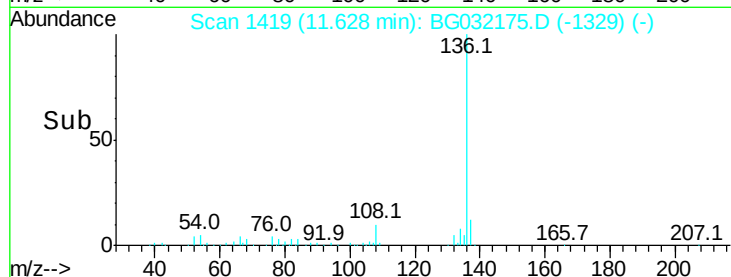
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 177324
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 4.9 10.3 15.5#
68 3.2 4.5 6.7#

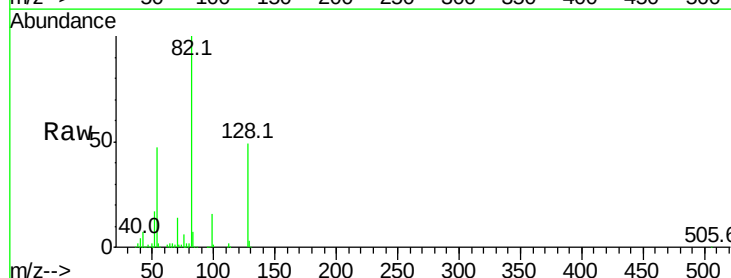


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

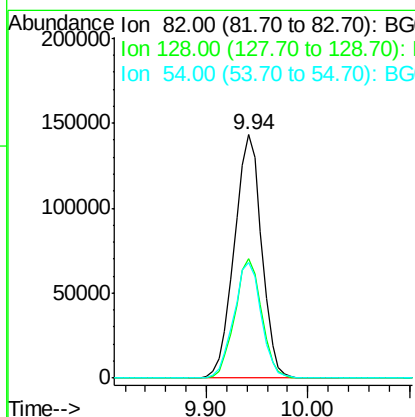
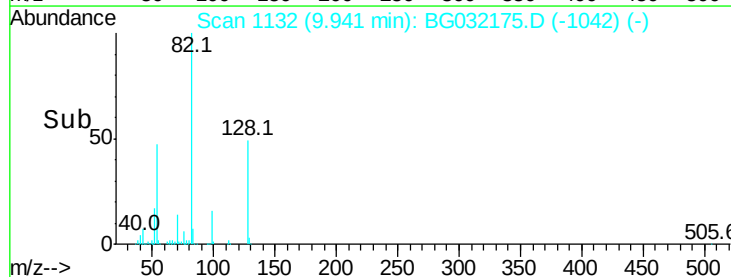


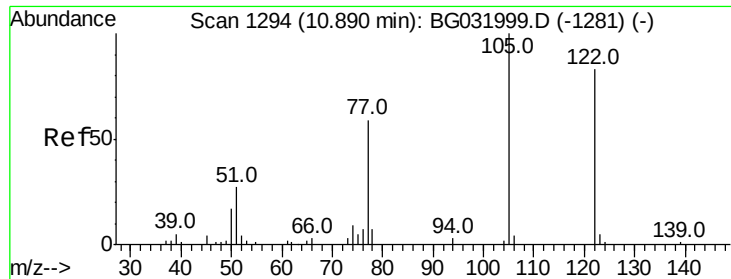
#23
Nitrobenzene-d5
Concen: 102.014 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion: 82 Resp: 267382
Ion Ratio Lower Upper
82 100
128 48.9 29.7 44.5#
54 47.4 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

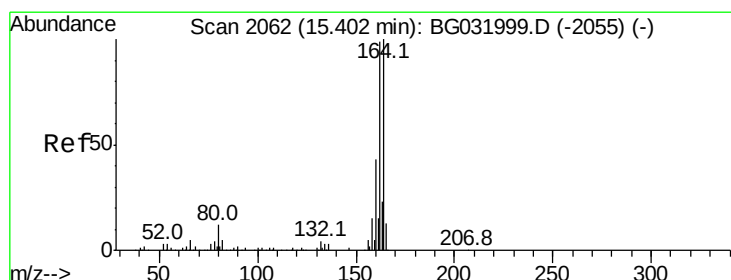
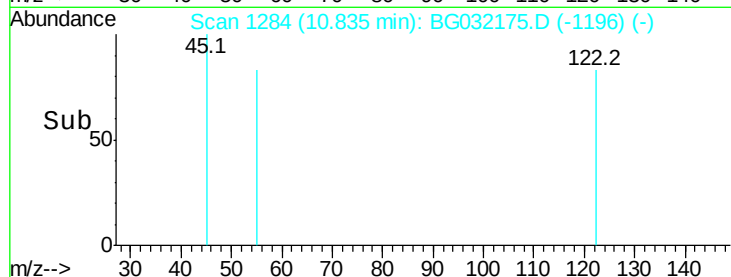
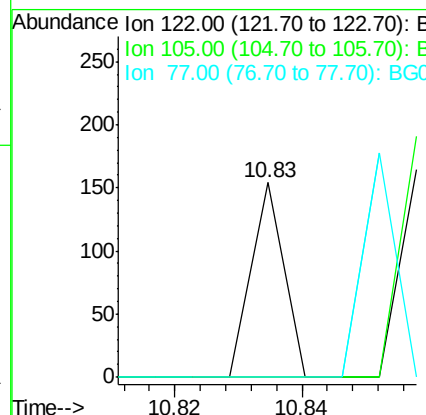
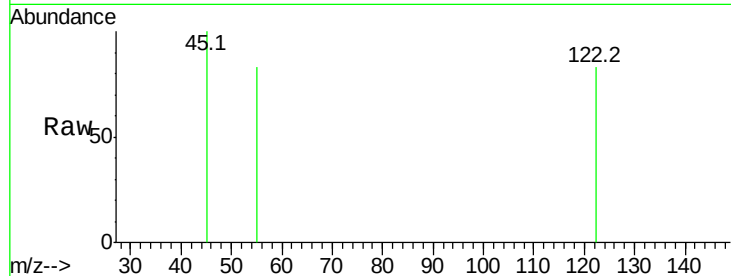




#32
Benzoic acid
Concen: 5.280 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

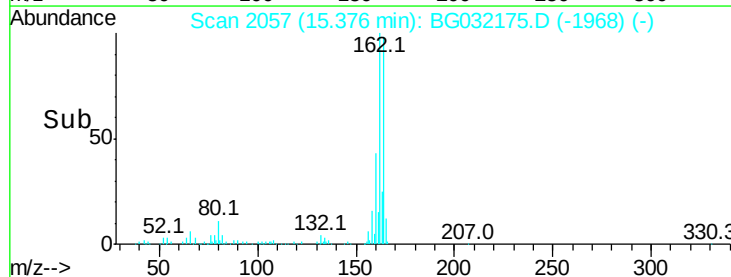
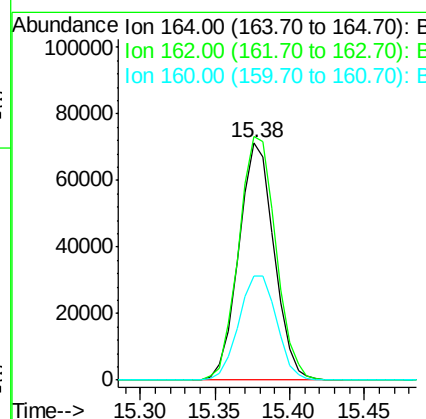
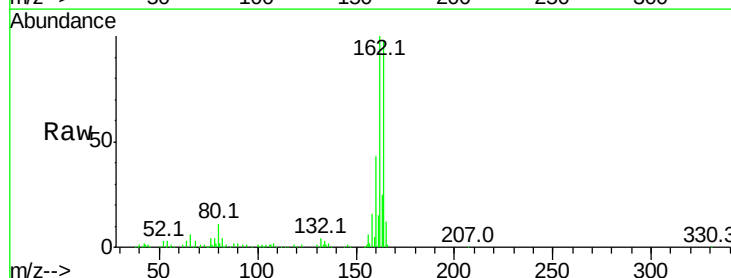
Instrument :
BNA_G
ClientSampled :

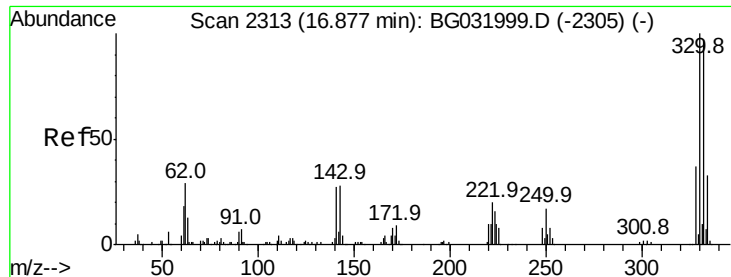
Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion:164 Resp: 117223
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 44.1 35.4 53.0

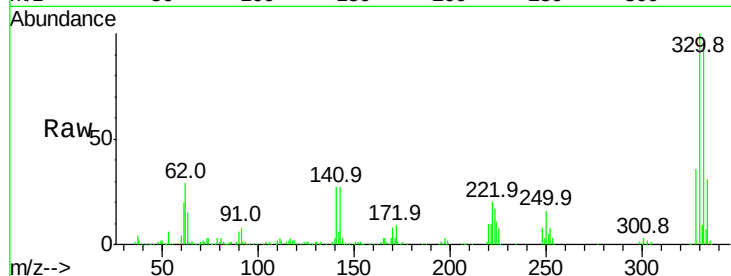




#41
 2,4,6-Tribromophenol
 Concen: 160.182 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG032175.D
 Acq: 20 Jan 2018 7:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.0	25.2	37.8

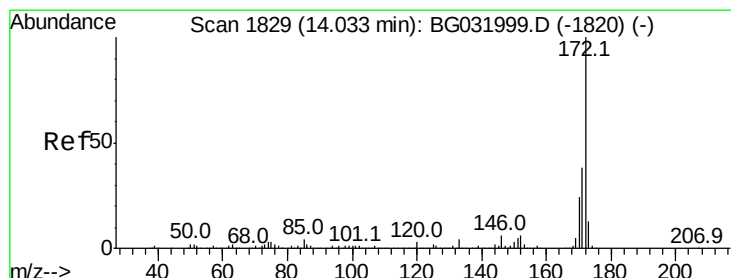
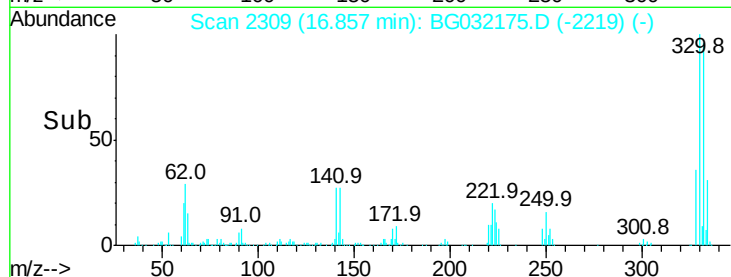
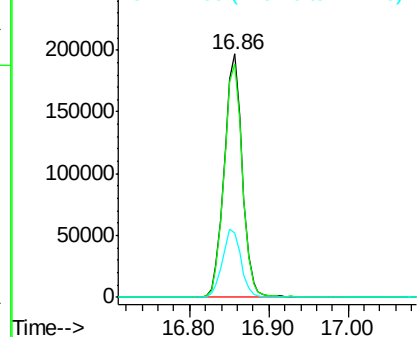


Abundance

Ion 329.80 (329.50 to 330.50): E

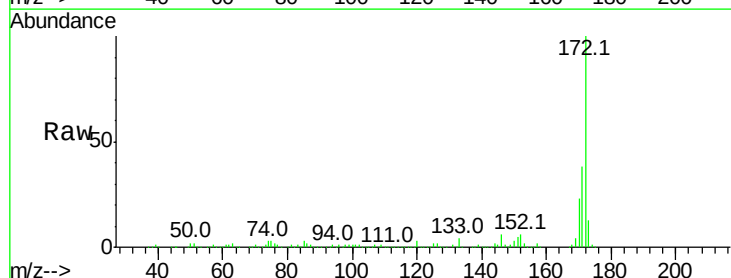
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.463 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032175.D
 Acq: 20 Jan 2018 7:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.1	19.5	29.3

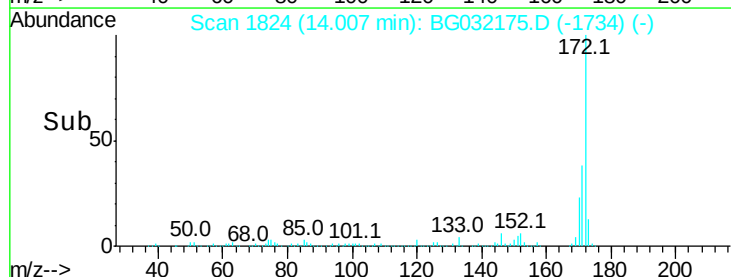
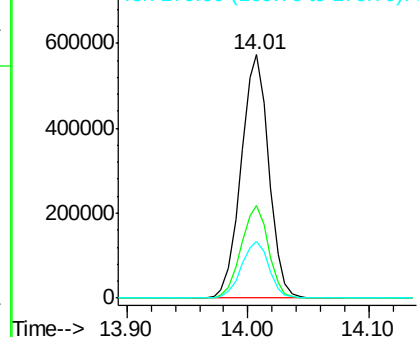


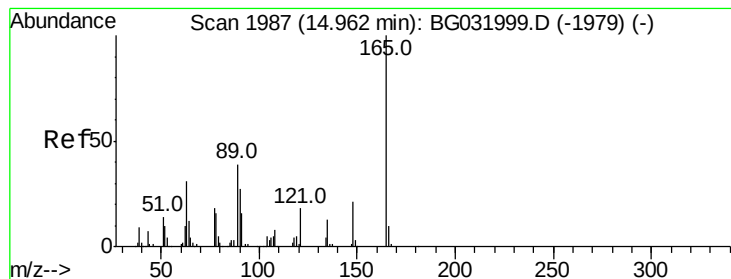
Abundance

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





#50

2,6-Dinitrotoluene

Concen: 7.082 ng

RT: 15.38 min Scan# 2057

Delta R.T. 0.44 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Instrument :

BNA_G

ClientSampleId :

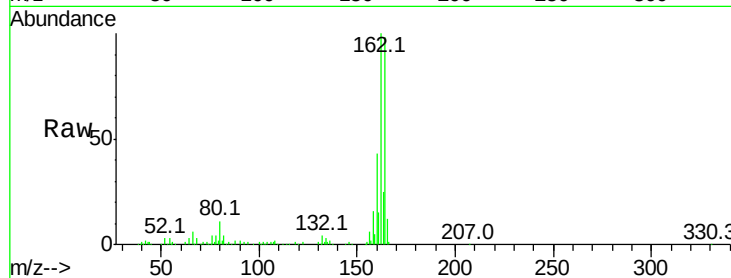
Tot Ion:165 Resp: 15080

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

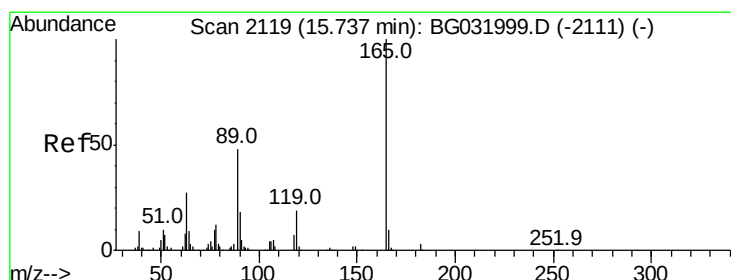
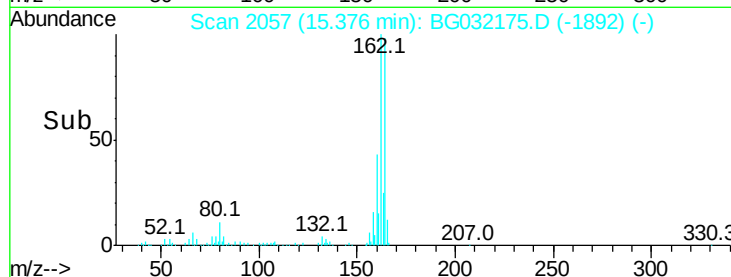
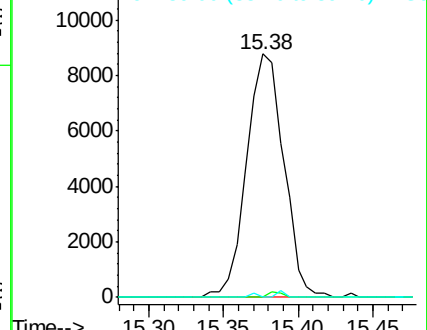
89 0.0 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 5.261 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.34 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Tgt Ion:165 Resp: 15080

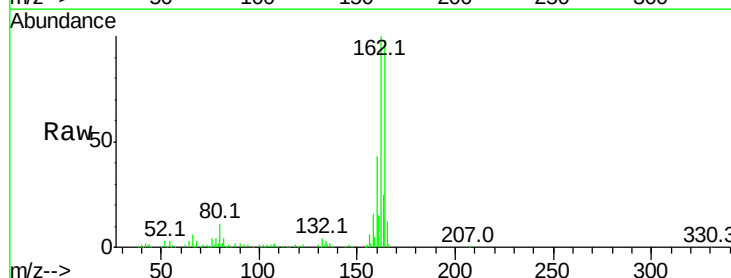
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

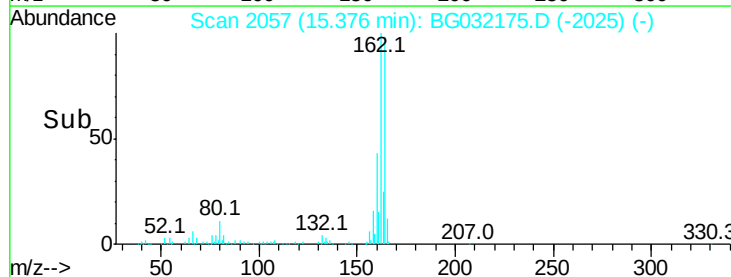
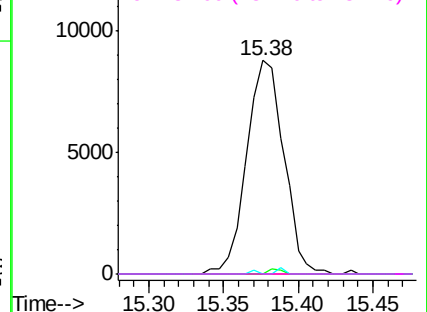


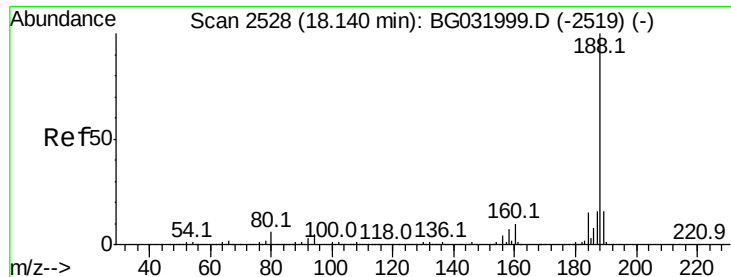
Abundance Ion 165.00 (164.70 to 165.70): E

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

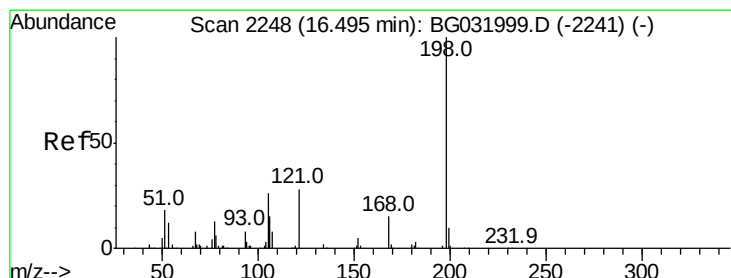
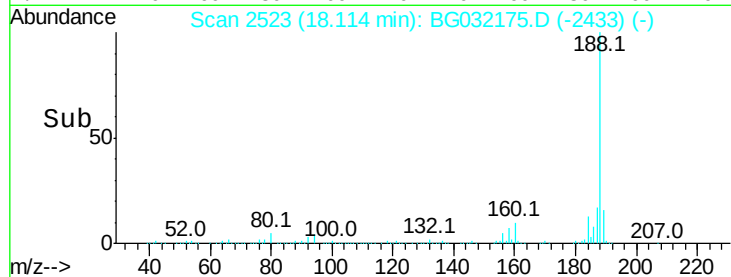
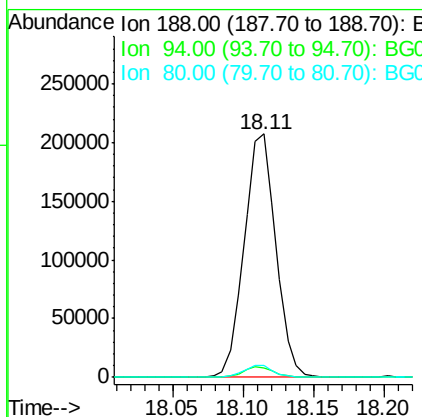
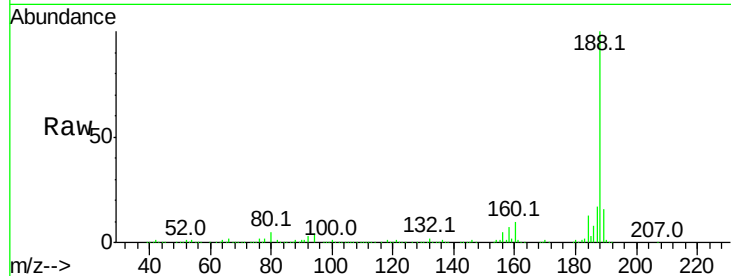




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

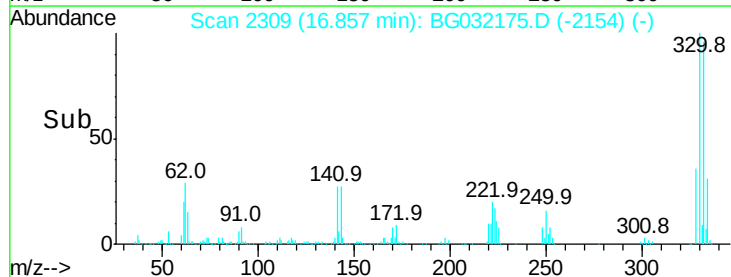
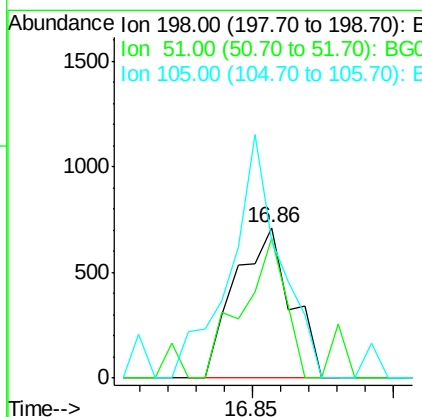
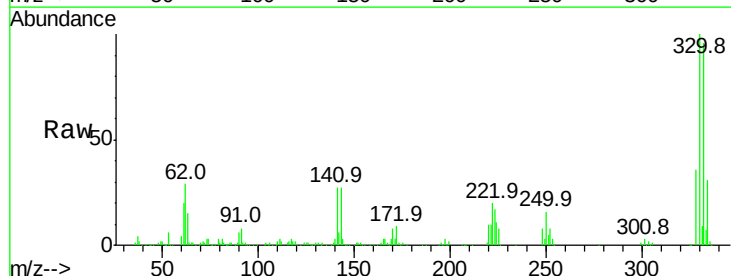
Instrument :
BNA_G
ClientSampled :

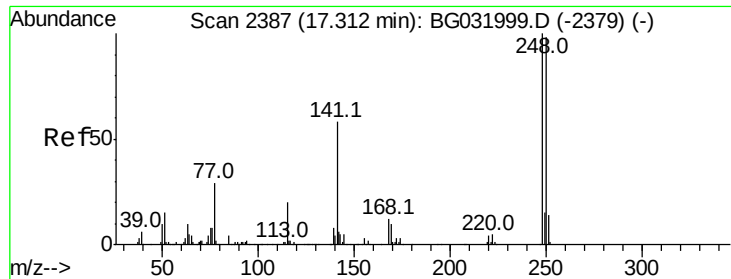
Tot Ion:188 Resp: 326324
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.301 ng
RT: 16.86 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion:198 Resp: 968
Ion Ratio Lower Upper
198 100
51 93.0 30.6 70.6#
105 91.0 23.8 63.8#

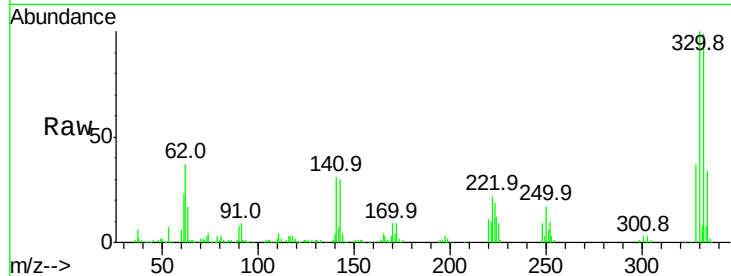




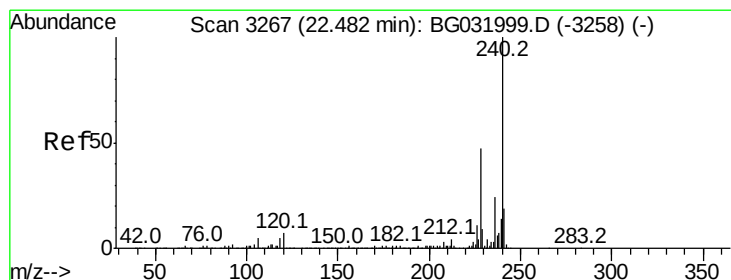
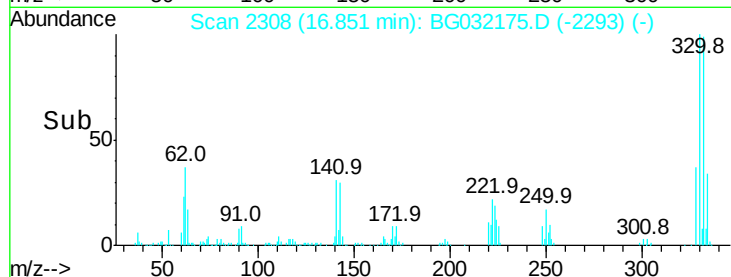
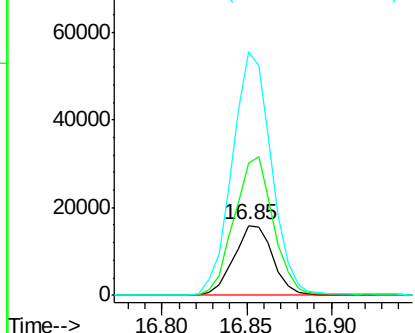
#66
4-Bromophenyl-phenylether
Concen: 5.494 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.44 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 25508
Ion Ratio Lower Upper
248 100
250 189.9 77.1 115.7#
141 349.6 50.8 76.2#

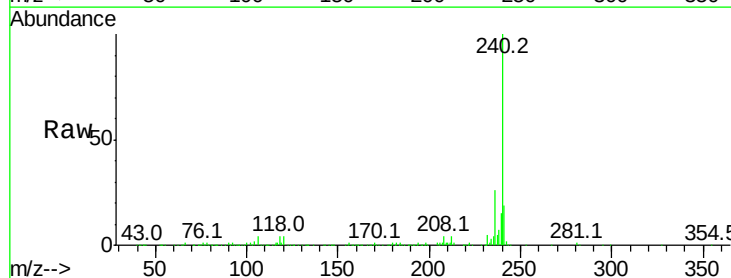


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

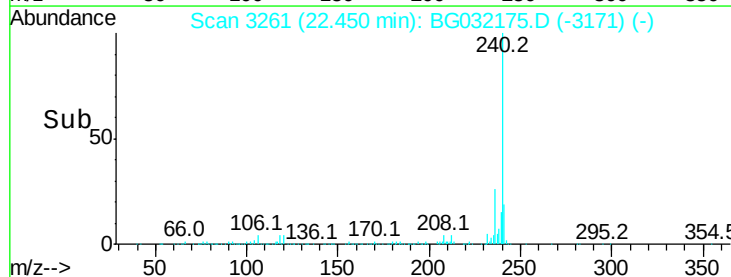
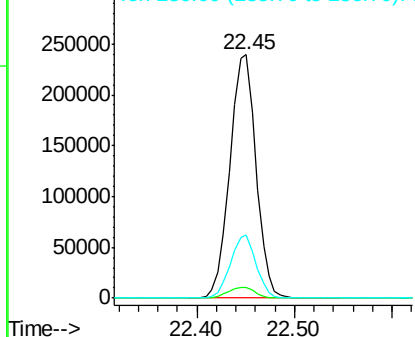


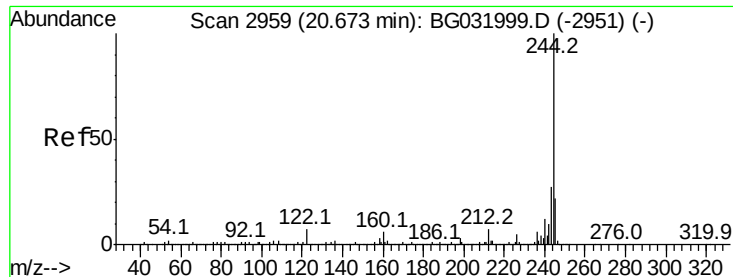
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. 0.00 min
Lab File: BG032175.D
Acq: 20 Jan 2018 7:37

Tgt Ion:240 Resp: 446379
Ion Ratio Lower Upper
240 100
120 4.2 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: 93.865 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

Instrument :

BNA_G

ClientSampleId :

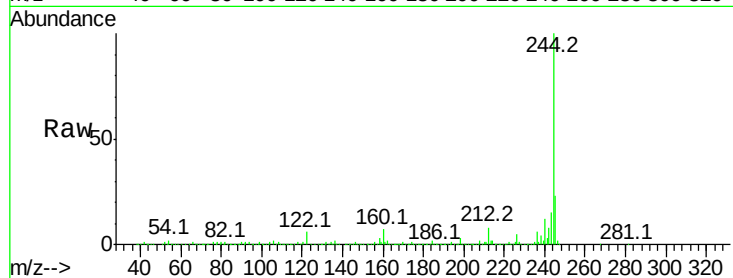
Tot Ion:244 Resp: 1897569

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

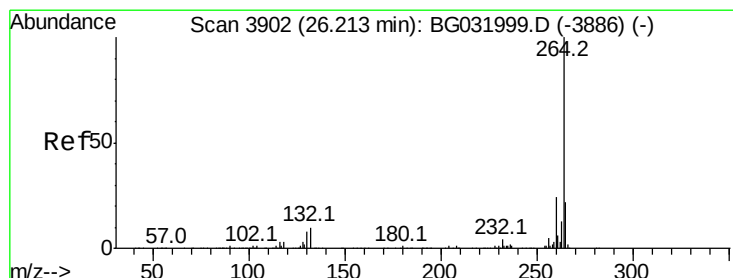
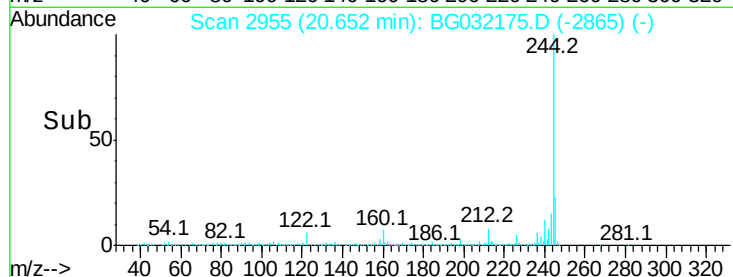
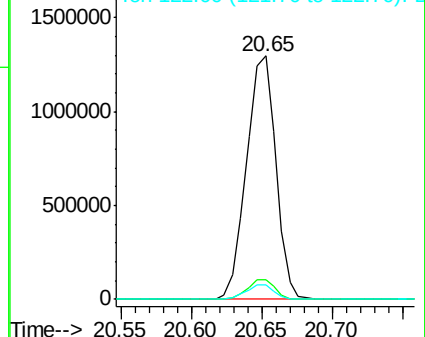
122 6.1 7.0 10.4#



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: 26.15 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032175.D

Acq: 20 Jan 2018 7:37

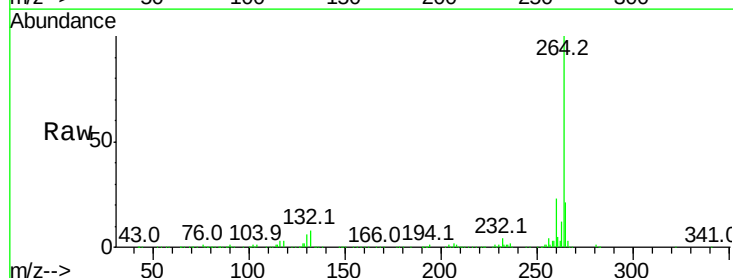
Tgt Ion:264 Resp: 469192

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.4 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

