

Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
 Data File : BG032143.D
 Acq On : 18 Jan 2018 19:32
 Operator : SJ/JU
 Sample : J1187-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 00:30:35 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

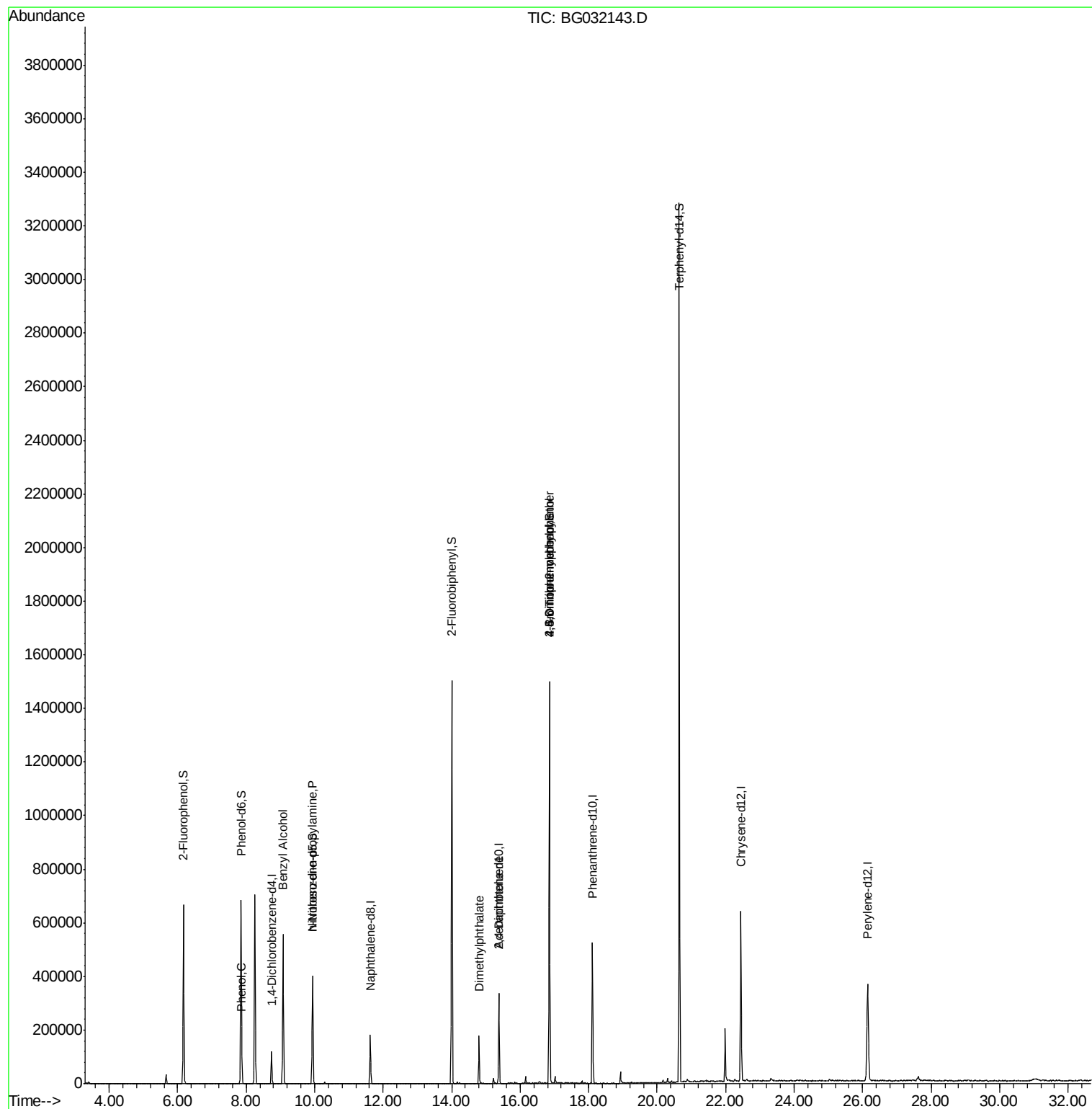
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	41516	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	178014	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	131829	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	372344	20.00	ng	0.00
75) Chrysene-d12	22.44	240	486012	20.00	ng	0.00
86) Perylene-d12	26.15	264	495709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	326211	143.71	ng	0.00
7) Phenol-d6	7.85	99	425960	149.00	ng	0.00
23) Nitrobenzene-d5	9.94	82	256593	97.52	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	332687	152.51	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	911461	85.73	ng	0.00
78) Terphenyl-d14	20.65	244	1724473	78.35	ng	0.00
Target Compounds						
10) Phenol	7.88	94	16873	5.991	ng	93
15) Benzyl Alcohol	9.08	79	4261	2.052	ng	# 37
19) n-Nitroso-di-n-propylamine	9.94	70	35904	20.241	ng	# 73
49) Dimethylphthalate	14.80	163	134725	11.679	ng	97
56) 2,4-Dinitrotoluene	15.38	165	17022	5.280	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.86	198	856	5.207	ng	# 60
66) 4-Bromophenyl-phenylether	16.85	248	27878	5.262	ng	# 1

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

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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



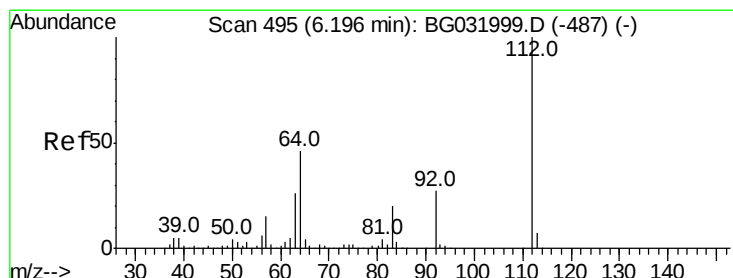
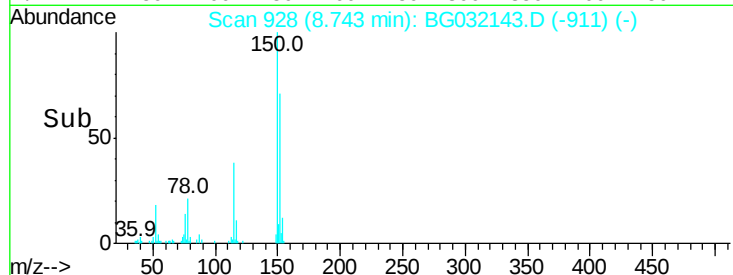
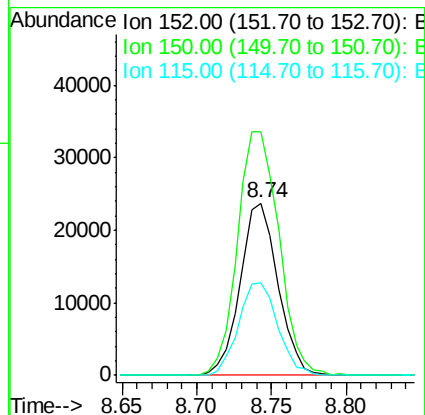
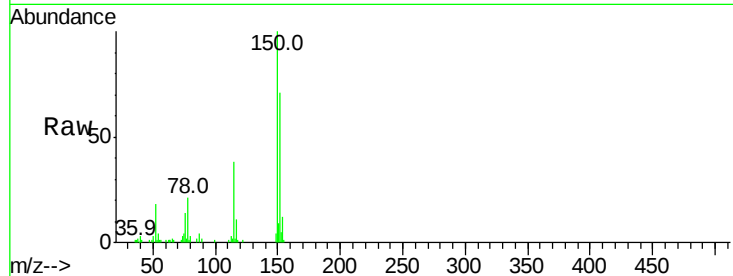


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

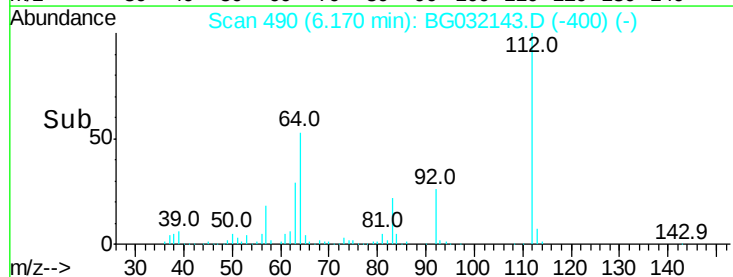
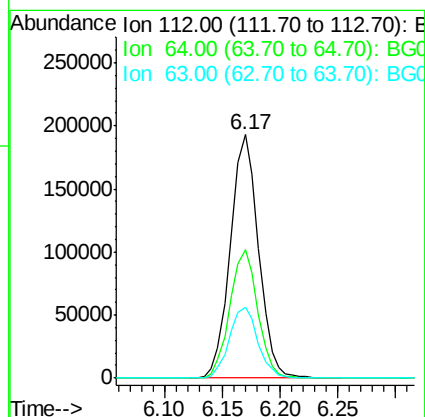
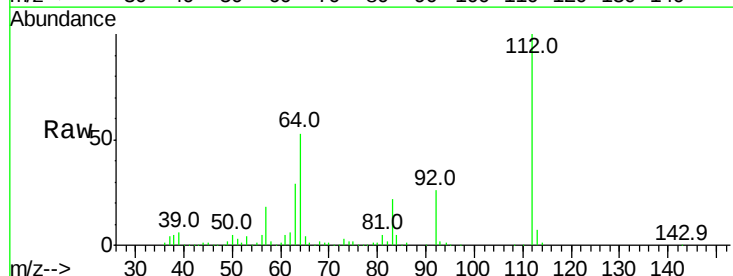
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	126.6	189.8
115	53.9	53.0	79.4

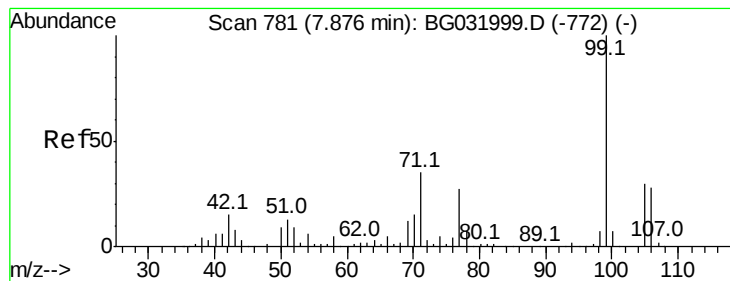


#5

2-Fluorophenol
Concen: 143.708 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	56.3	84.5#
63	29.1	30.1	45.1#





#7

Phenol-d6

Concen: 148.996 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

Instrument :

BNA_G

ClientSampleId :

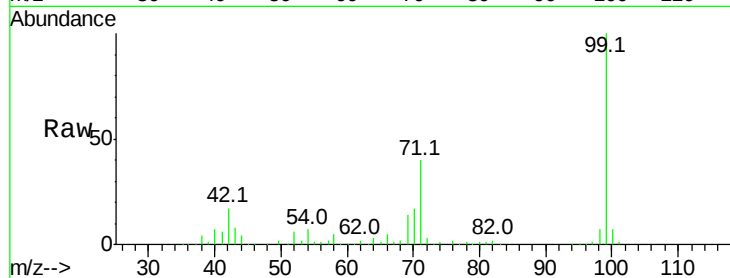
Tot Ion: 99 Resp: 425960

Ion Ratio Lower Upper

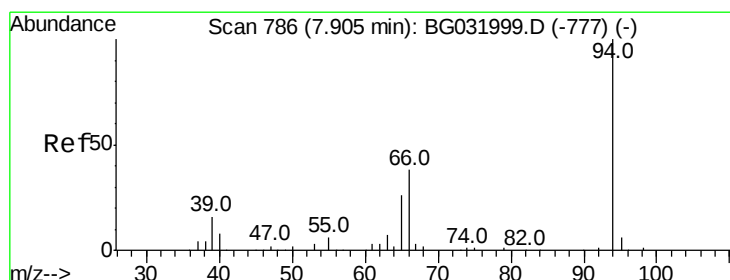
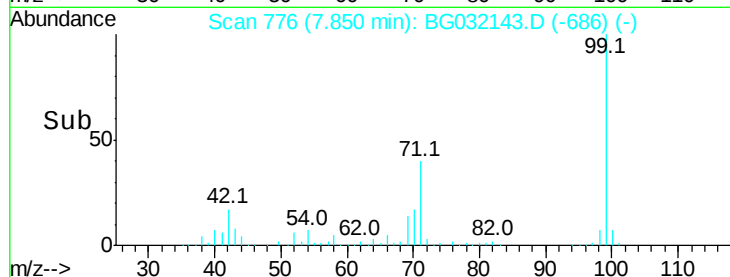
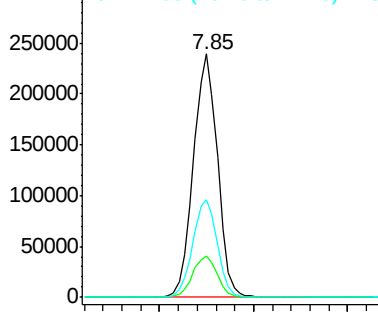
99 100

42 17.2 14.1 21.1

71 40.4 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: 5.991 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

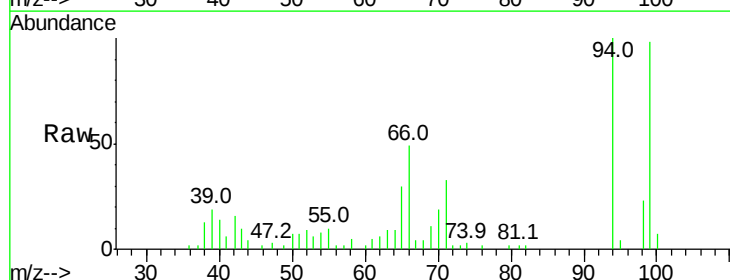
Tgt Ion: 94 Resp: 16873

Ion Ratio Lower Upper

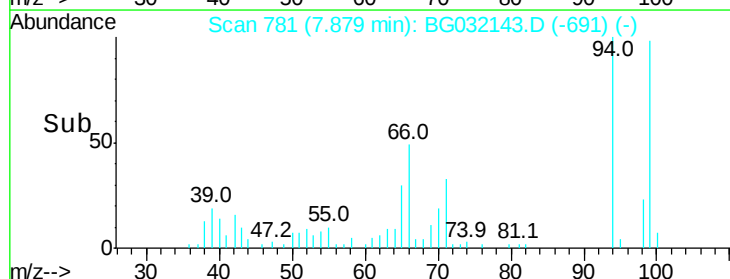
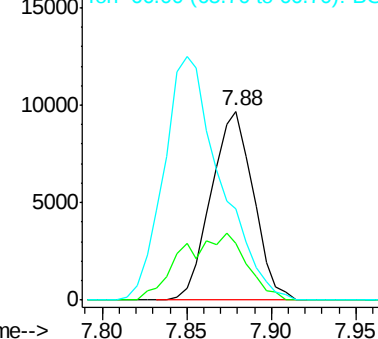
94 100

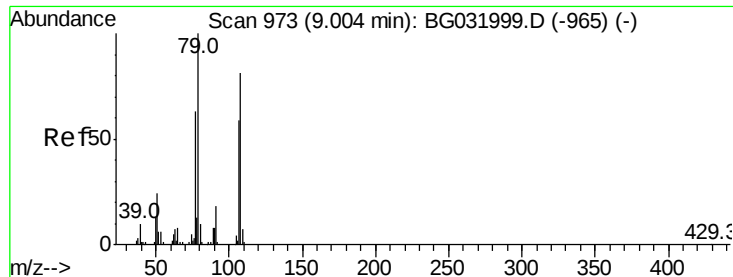
65 30.3 11.9 51.9

66 48.6 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: 2.052 ng

RT: 9.08 min Scan# 985

Delta R.T. 0.10 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

Instrument :

BNA_G

ClientSampleId :

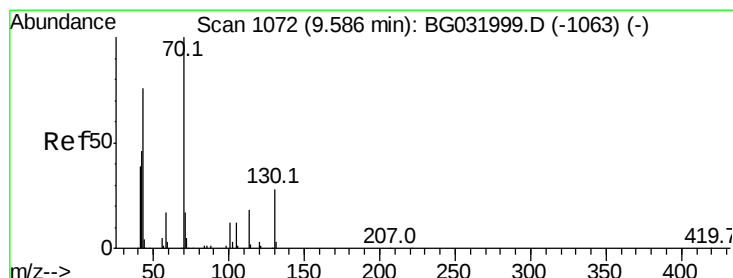
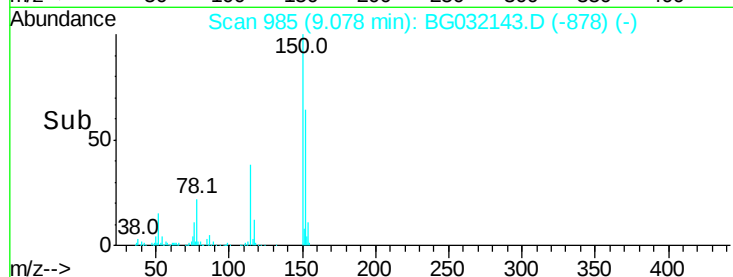
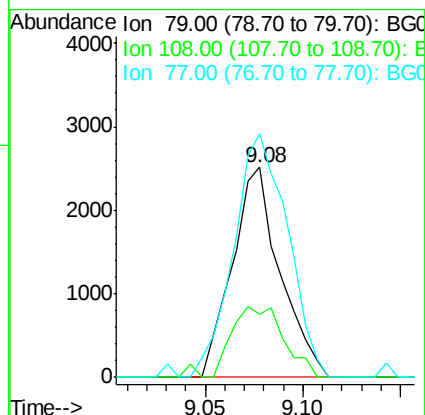
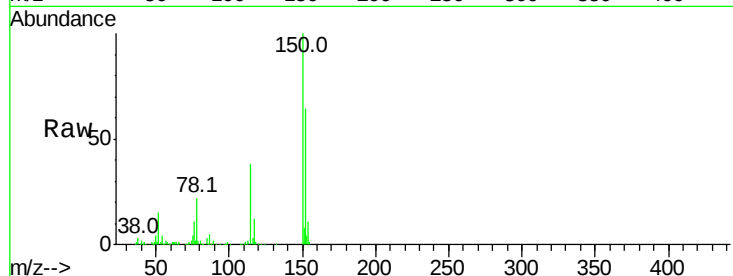
Tot Ion: 79 Resp: 4261

Ion Ratio Lower Upper

79 100

108 30.2 57.2 85.8#

77 116.0 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 20.241 ng

RT: 9.94 min Scan# 1131

Delta R.T. 0.38 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

Tgt Ion: 70 Resp: 35904

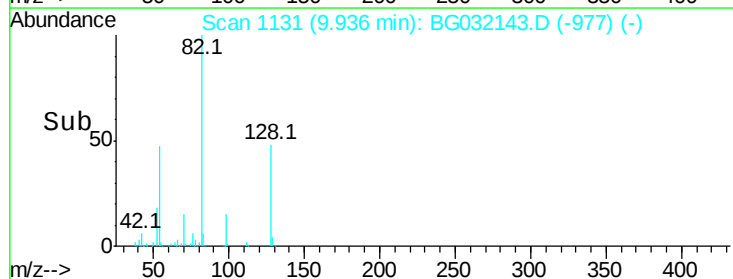
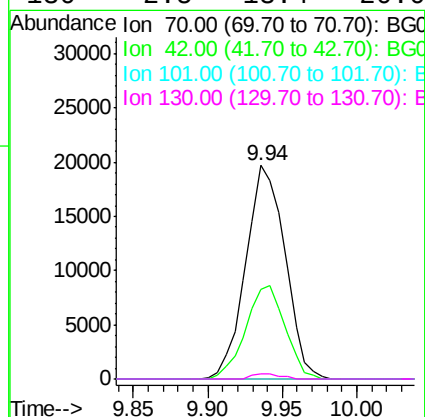
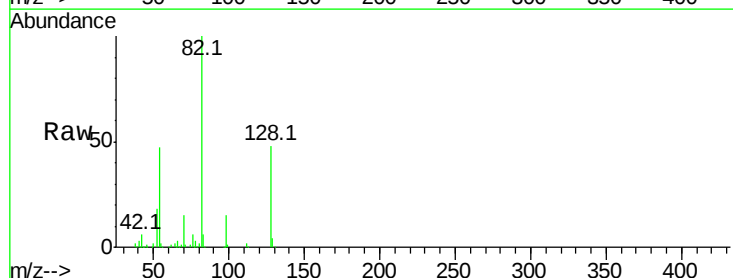
Ion Ratio Lower Upper

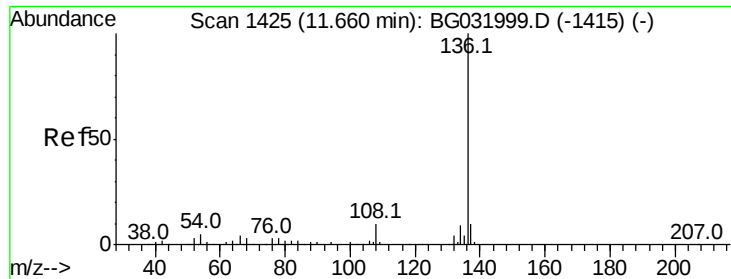
70 100

42 42.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.5 13.4 20.0#

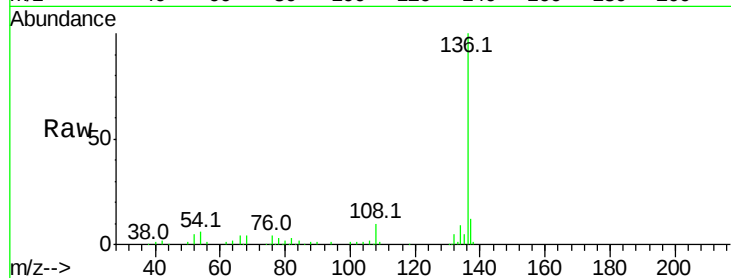




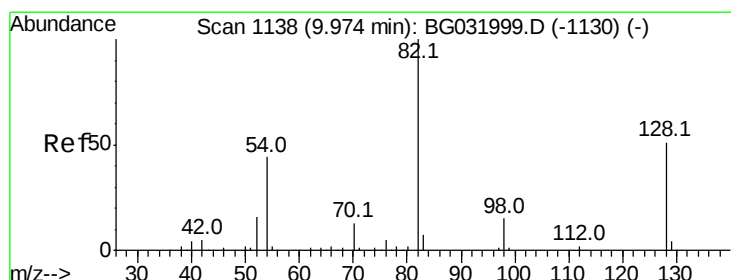
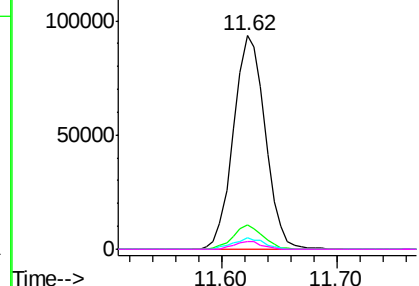
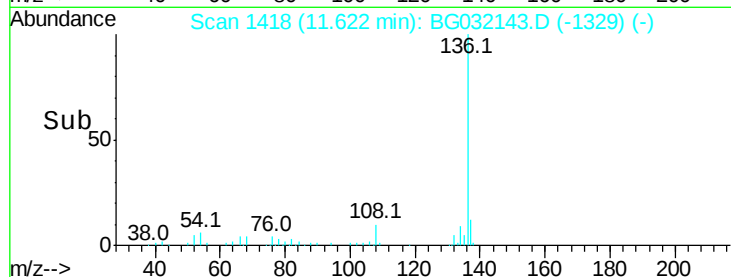
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	178014
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	5.6	10.3 15.5#
68	3.5	4.5 6.7#

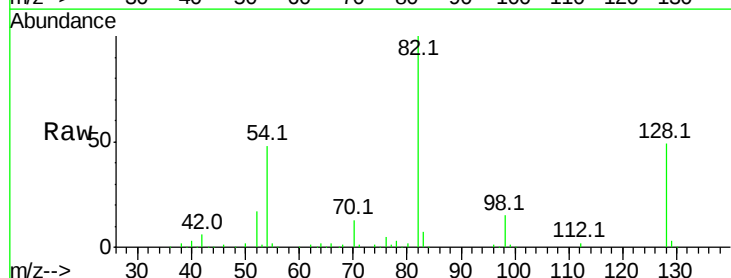


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

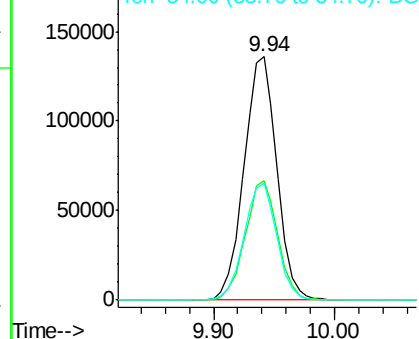
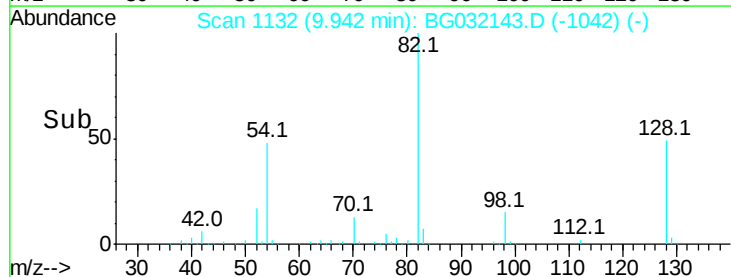


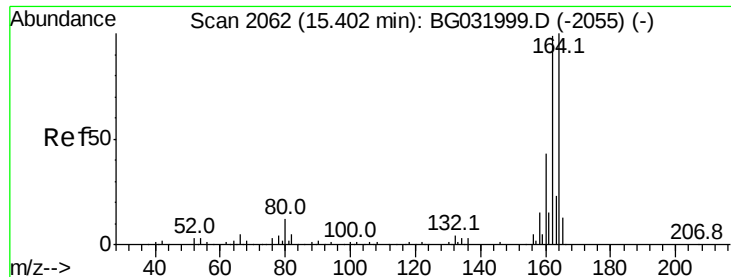
#23
Nitrobenzene-d5
Concen: 97.518 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion: 82	Resp:	256593
Ion Ratio	Lower	Upper
82	100	
128	49.1	29.7 44.5#
54	47.9	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

Instrument :

BNA_G

ClientSampleId :

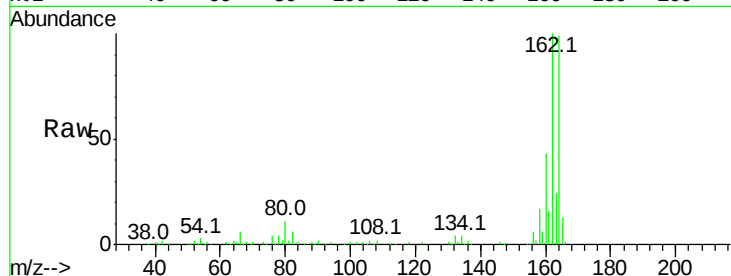
Tot Ion:164 Resp: 131829

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

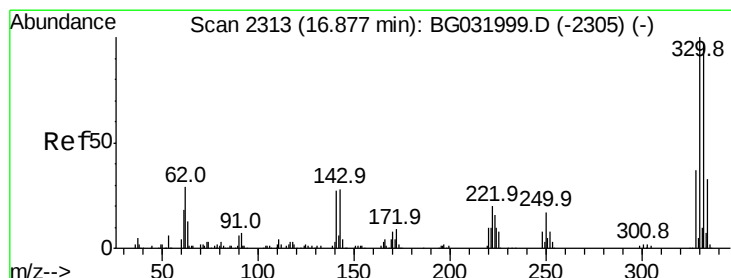
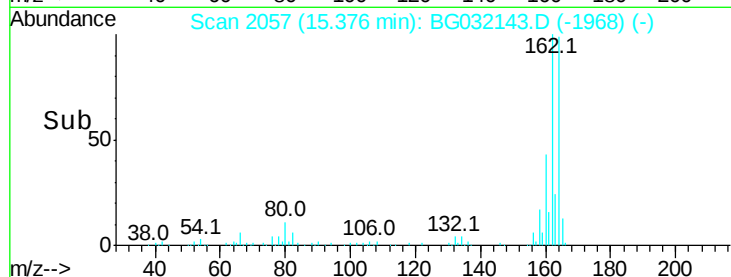
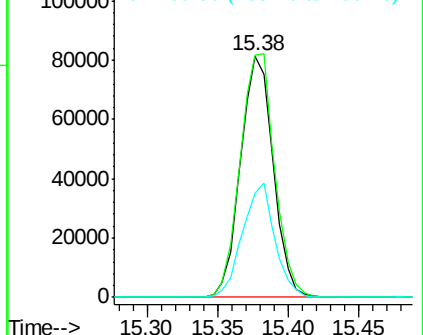
160 43.1 35.4 53.0



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: 152.506 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

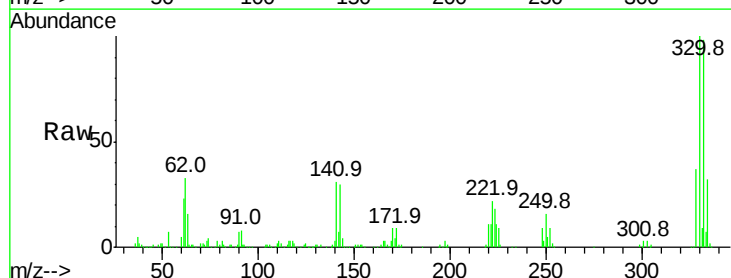
Tgt Ion:330 Resp: 332687

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

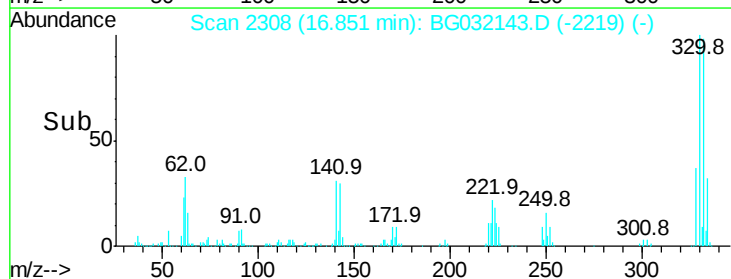
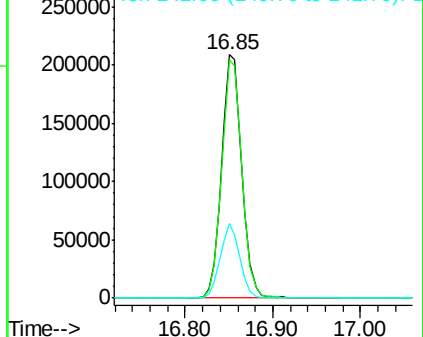
141 29.6 25.2 37.8

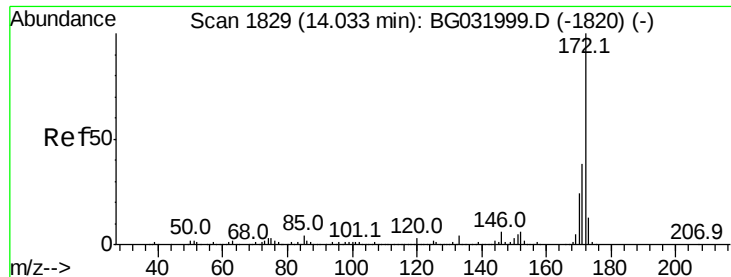


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

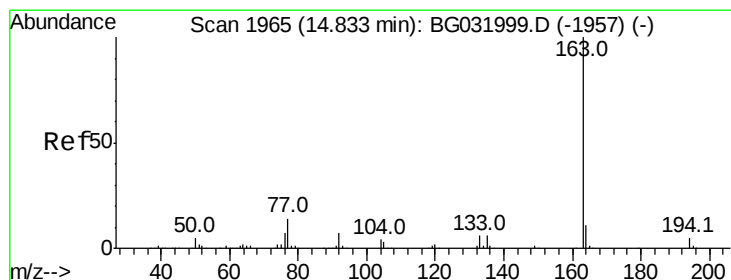
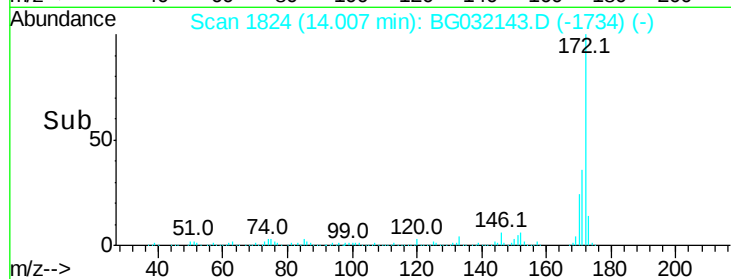
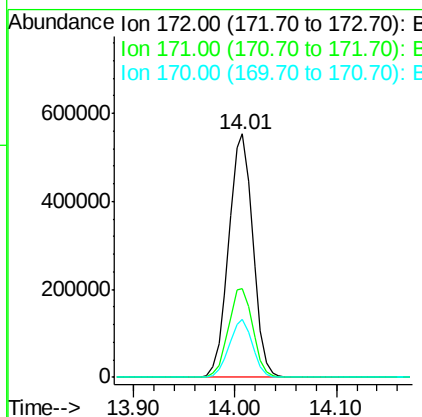
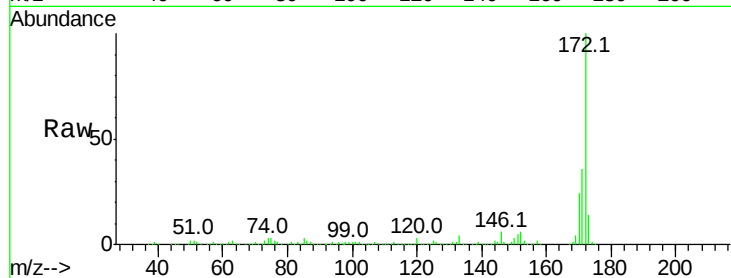




#44
2-Fluorobiphenyl
Concen: 85.730 ng
RT: 14.01 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

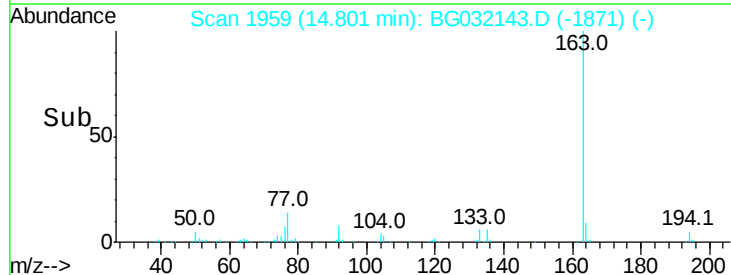
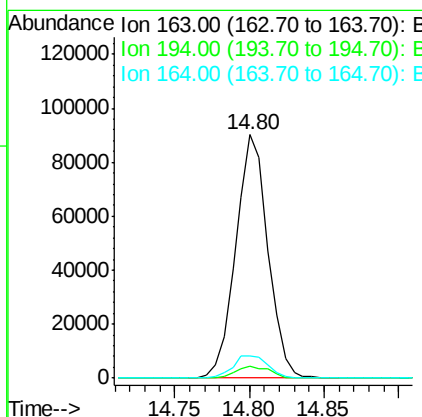
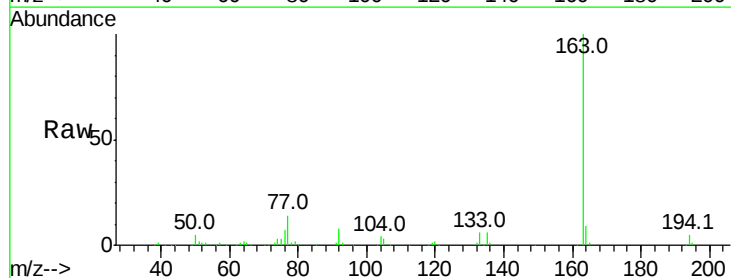
Instrument :
BNA_G
ClientSampleId :

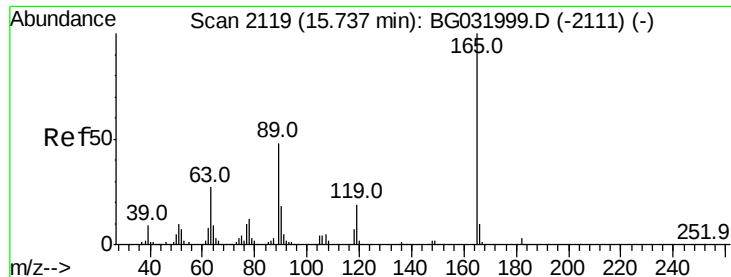
Tot Ion:172 Resp: 911461
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 11.679 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:163 Resp: 134725
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.1 8.2 12.4

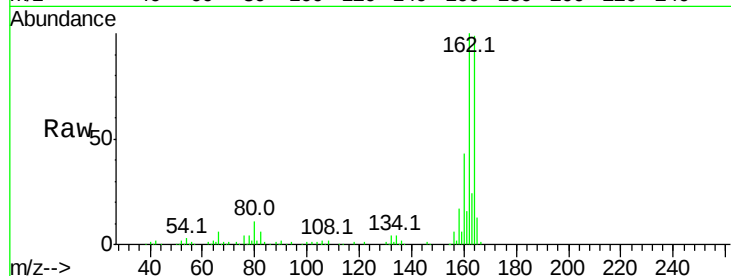




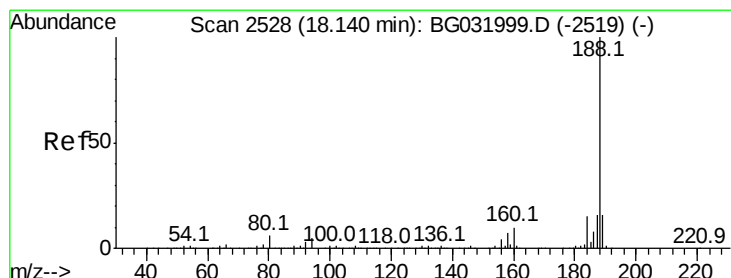
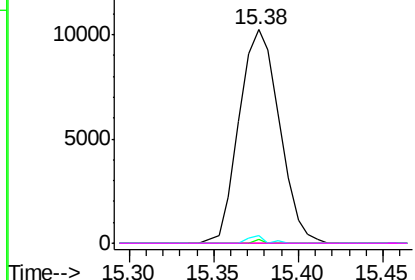
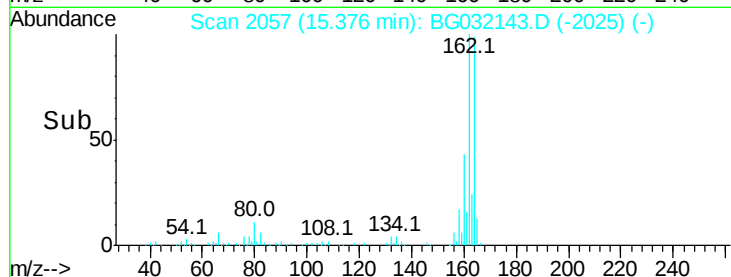
#56
 2,4-Dinitrotoluene
 Concen: 5.280 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.34 min
 Lab File: BG032143.D
 Acq: 18 Jan 2018 19:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17022
 Ion Ratio Lower Upper
 165 100
 63 1.7 42.0 63.0#
 89 3.5 66.9 100.3#
 182 0.0 2.6 3.8#

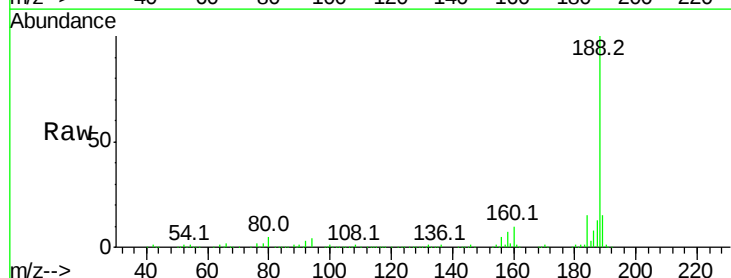


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

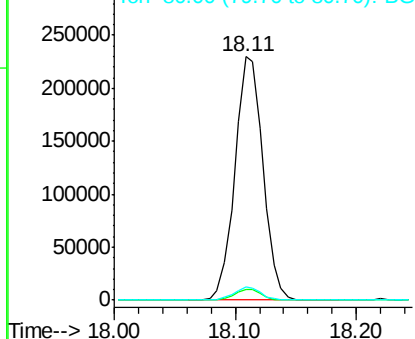
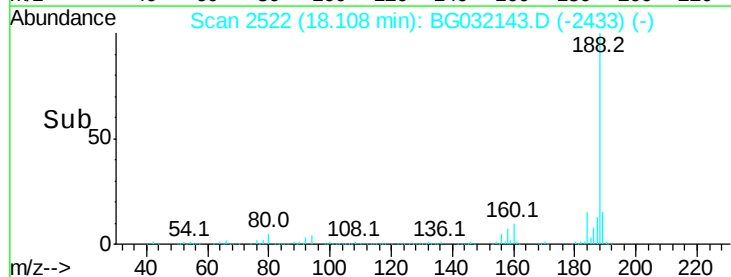


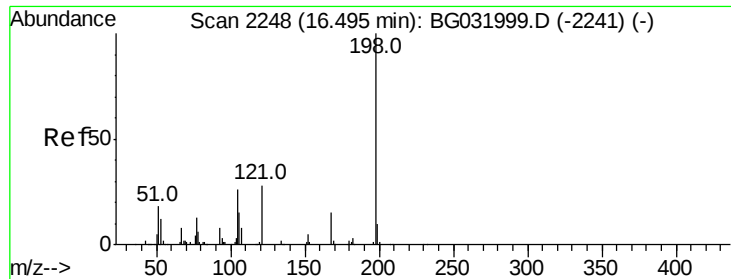
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG032143.D
 Acq: 18 Jan 2018 19:32

Tgt Ion:188 Resp: 372344
 Ion Ratio Lower Upper
 188 100
 94 4.5 6.9 10.3#
 80 5.3 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

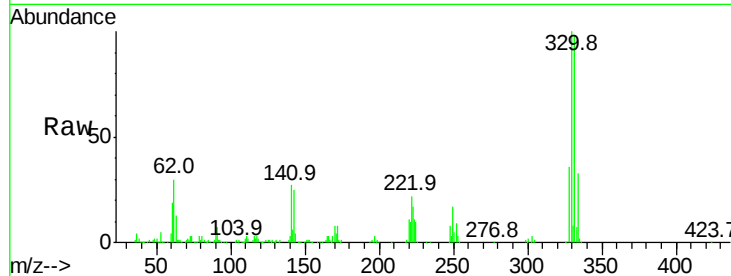




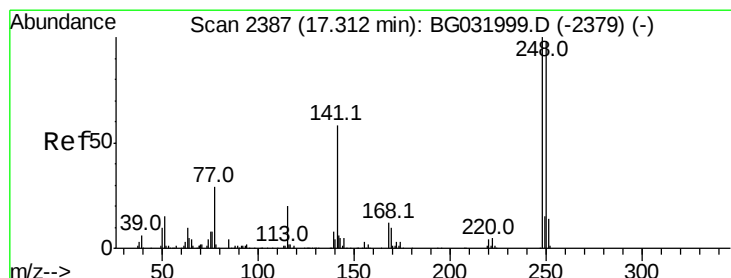
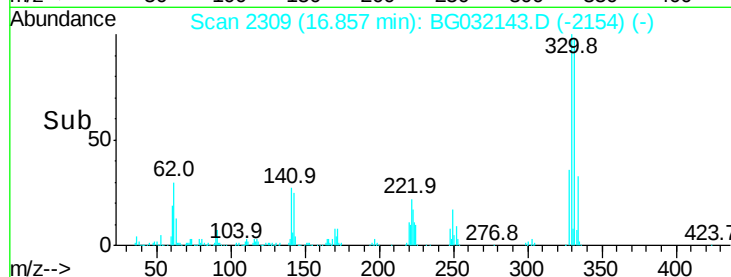
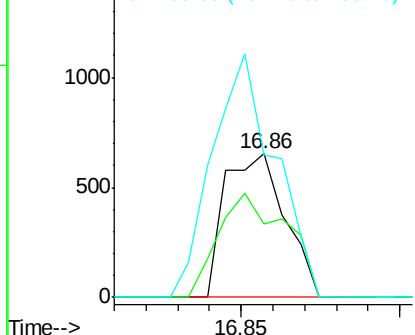
#64
4,6-Dinitro-2-methylphenol
Concen: 5.207 ng
RT: 16.86 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 856
Ion Ratio Lower Upper
198 100
51 51.4 30.6 70.6
105 98.8 23.8 63.8#

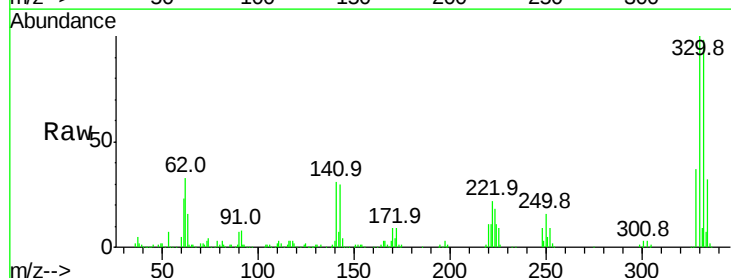


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

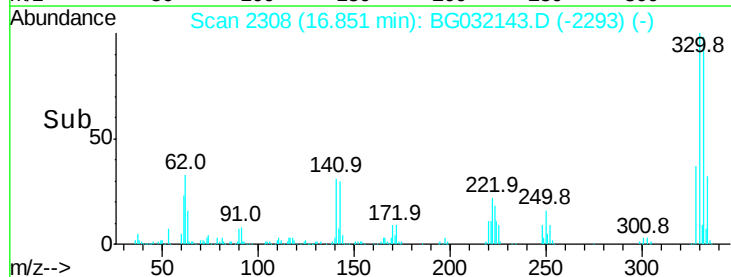
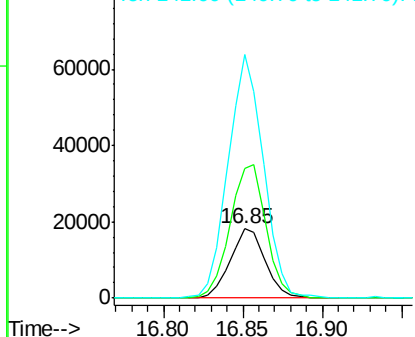


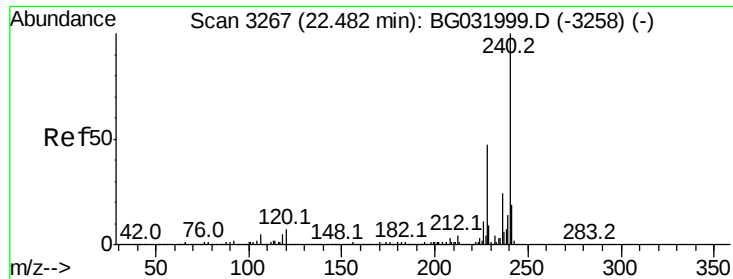
#66
4-Bromophenyl-phenylether
Concen: 5.262 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.44 min
Lab File: BG032143.D
Acq: 18 Jan 2018 19:32

Tgt Ion:248 Resp: 27878
Ion Ratio Lower Upper
248 100
250 187.5 77.1 115.7#
141 350.4 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: 22.44 min Scan# 3260

Delta R.T. -0.00 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

Instrument :

BNA_G

ClientSampleId :

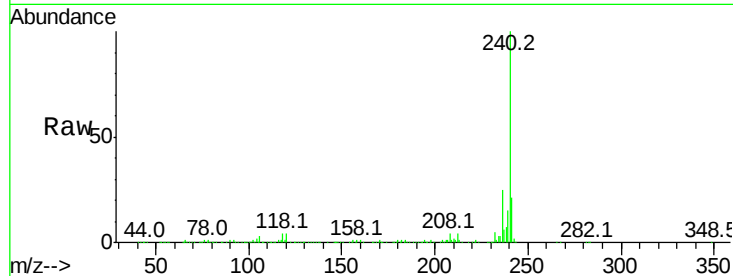
Tot Ion:240 Resp: 486012

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

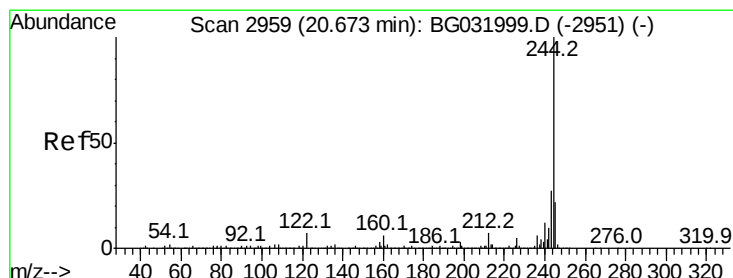
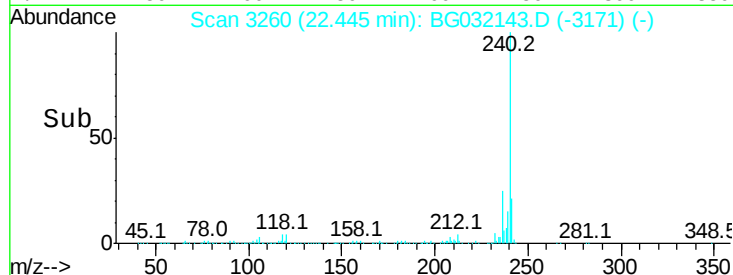
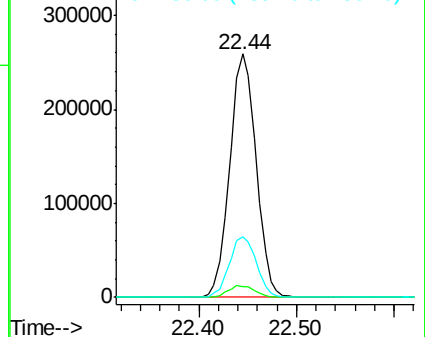
236 24.6 20.9 31.3



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: 78.346 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BG032143.D

Acq: 18 Jan 2018 19:32

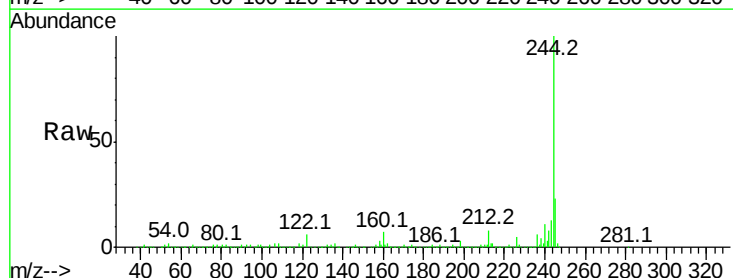
Tgt Ion:244 Resp: 1724473

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

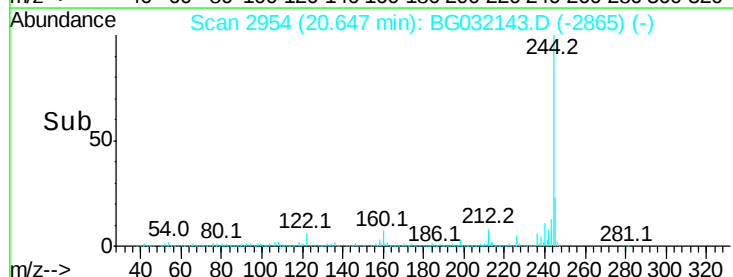
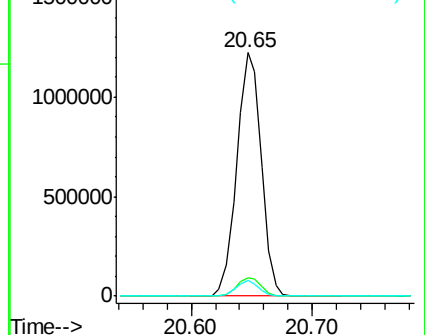
122 6.4 7.0 10.4#

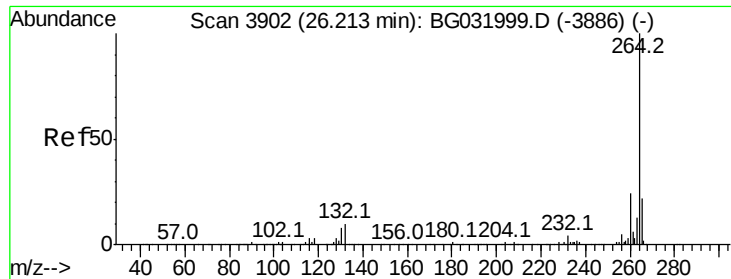


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

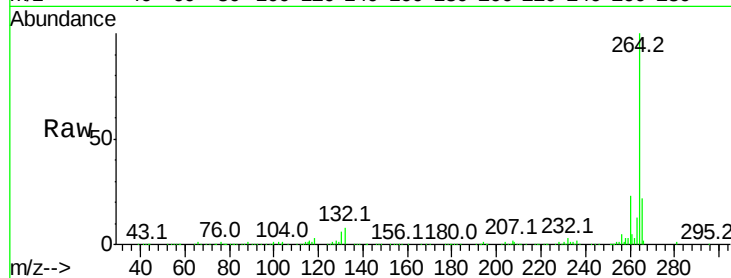




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3890
 Delta R.T. -0.00 min
 Lab File: BG032143.D
 Acq: 18 Jan 2018 19:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	17.7	26.5

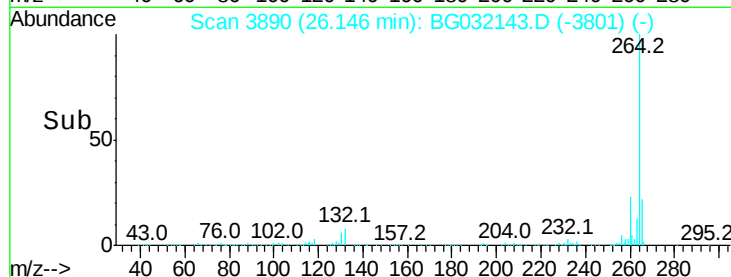
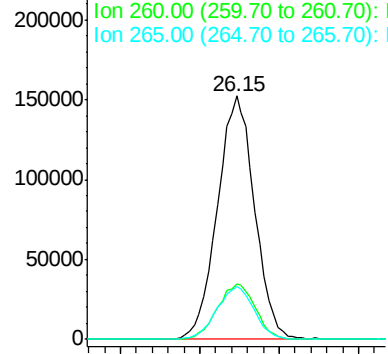


Abundance

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



Time-->