

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032192.D
 Acq On : 20 Jan 2018 23:05
 Operator : SJ/JU
 Sample : J1210-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 02:06:48 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

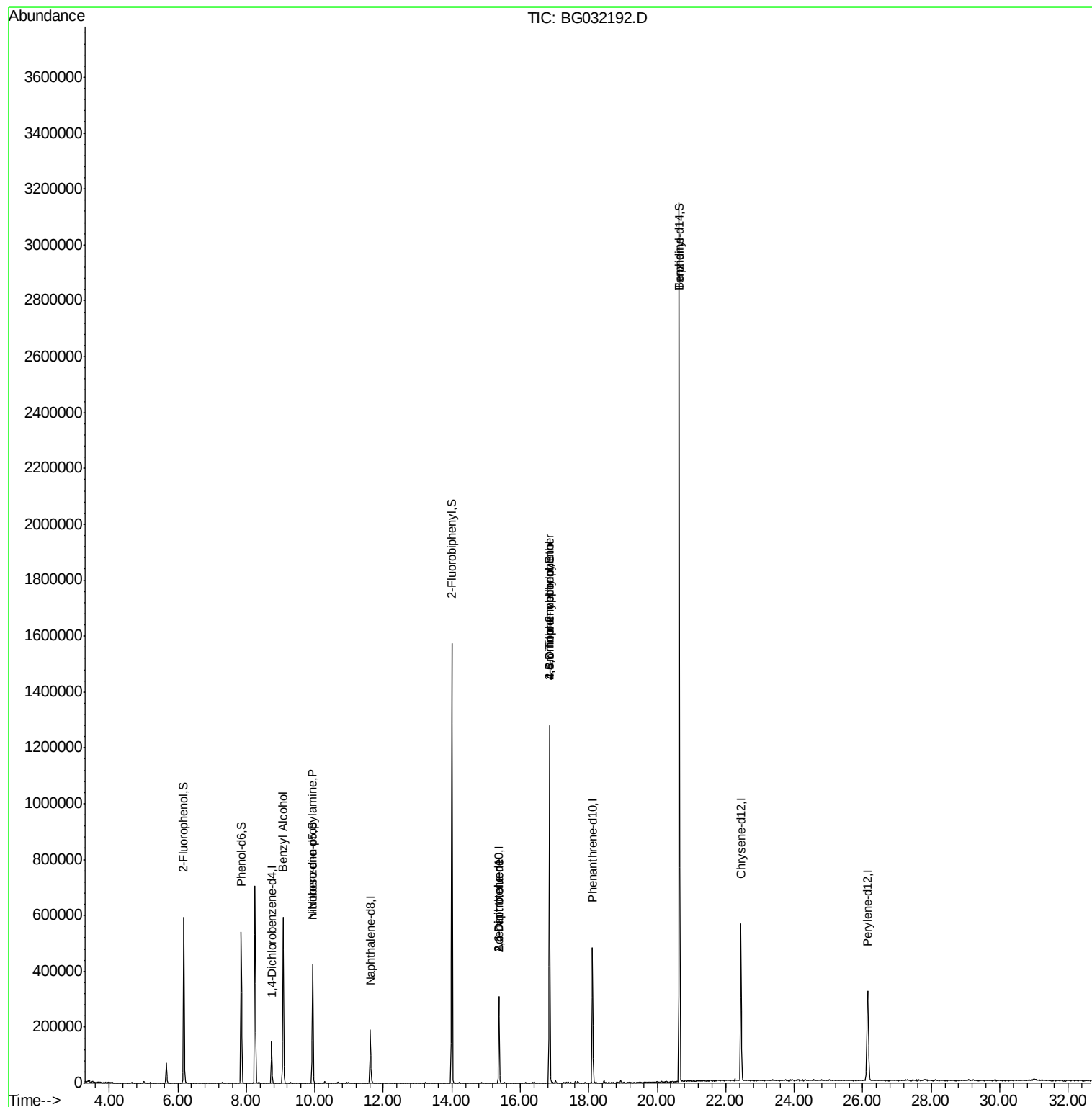
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	48514	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	186561	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	123130	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	323945	20.00	ng	0.00
75) Chrysene-d12	22.44	240	425251	20.00	ng	0.00
86) Perylene-d12	26.14	264	448486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	303976	114.60	ng	0.01
7) Phenol-d6	7.85	99	334614	100.16	ng	0.00
23) Nitrobenzene-d5	9.94	82	266392	96.60	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	293225	143.91	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	909659	91.61	ng	0.00
78) Terphenyl-d14	20.64	244	1758170	91.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.08	79	4919	2.027	ng	# 45
19) n-Nitroso-di-n-propylamine	9.95	70	37244	17.968	ng	# 71
50) 2,6-Dinitrotoluene	15.38	165	16091	7.195	ng	# 21
56) 2,4-Dinitrotoluene	15.38	165	16091	5.344	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.85	198	857	5.256	ng	# 48
66) 4-Bromophenyl-phenylether	16.85	248	24075	5.223	ng	# 1
76) Benzydine	20.64	184	25025	2.353	ng	# 94

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

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Data File : BG032192.D
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Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 22 02:06:48 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: BG032192.D

Acq: 20 Jan 2018 23:05

Instrument :

BNA_G

ClientSampleId :

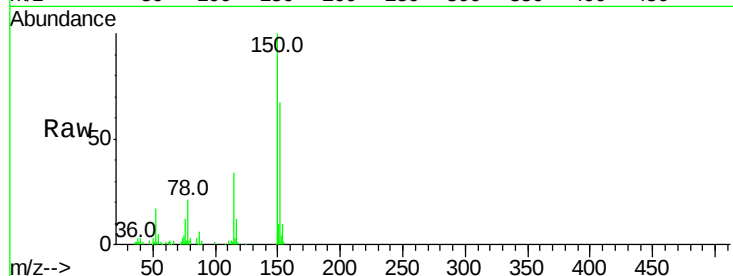
Tot Ion:152 Resp: 48514

Ion Ratio Lower Upper

152 100

150 150.3 126.6 189.8

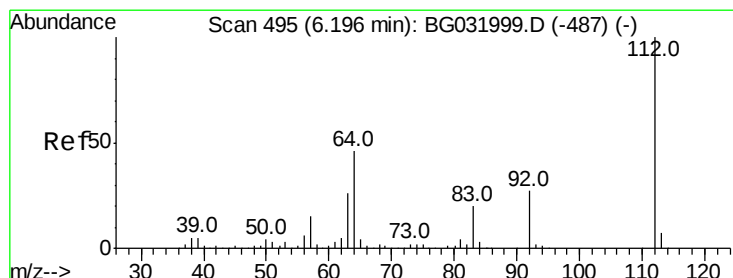
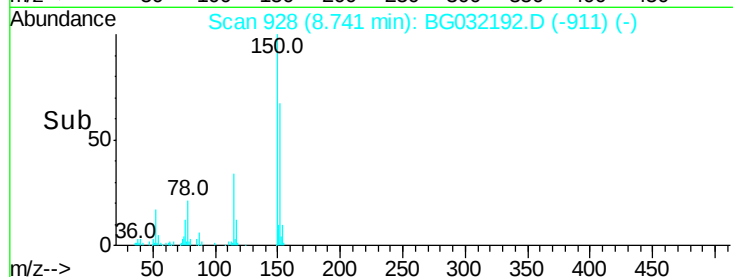
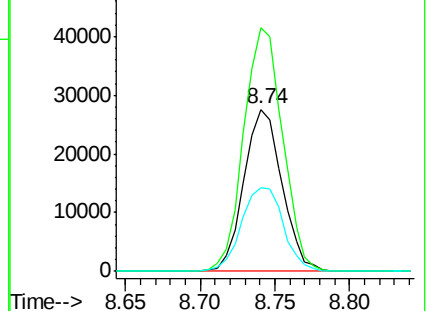
115 51.2 53.0 79.4#



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



#5

2-Fluorophenol

Concen: 114.596 ng

RT: 6.18 min Scan# 492

Delta R.T. 0.01 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

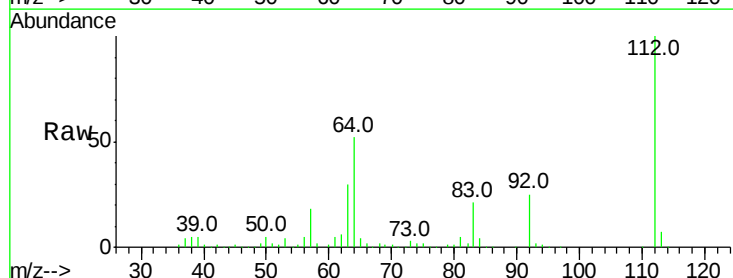
Tgt Ion:112 Resp: 303976

Ion Ratio Lower Upper

112 100

64 51.6 56.3 84.5#

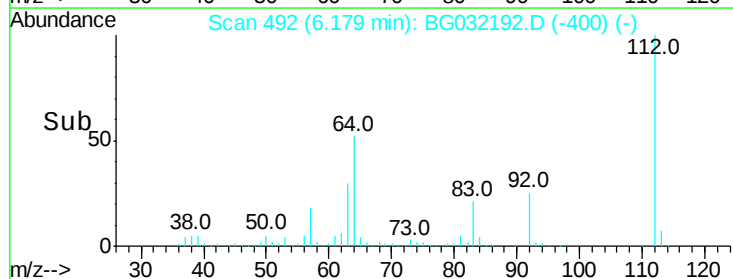
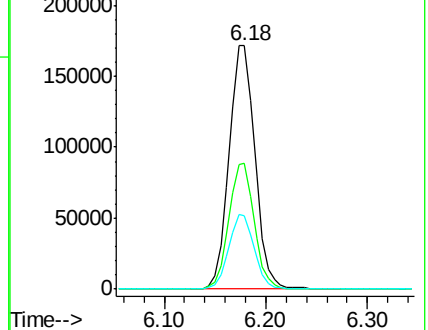
63 30.1 30.1 45.1

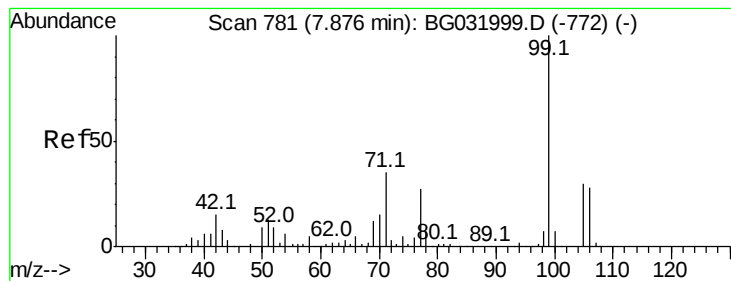


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 100.161 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

Instrument :

BNA_G

ClientSampled :

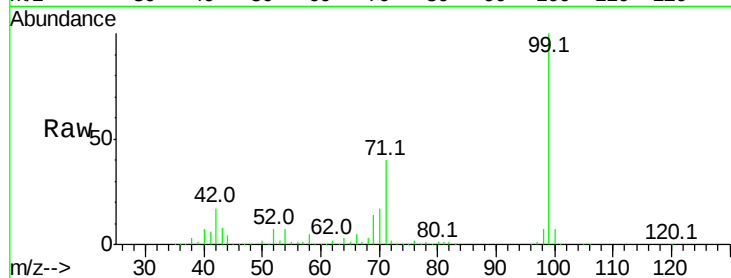
Tot Ion: 99 Resp: 334614

Ion Ratio Lower Upper

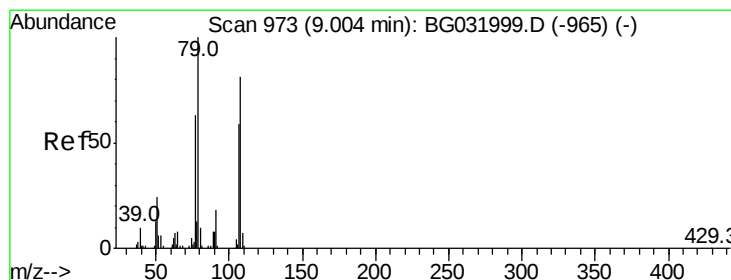
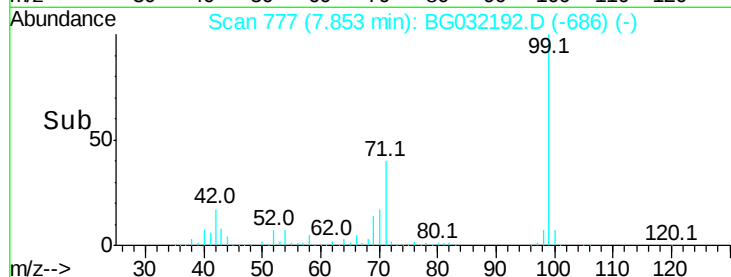
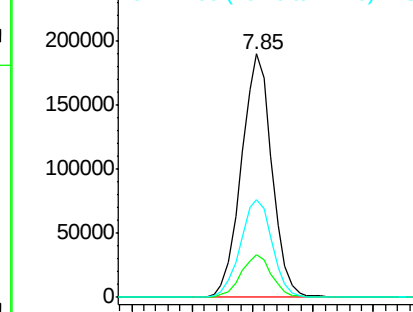
99 100

42 17.4 14.1 21.1

71 40.2 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: 2.027 ng

RT: 9.08 min Scan# 985

Delta R.T. 0.10 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

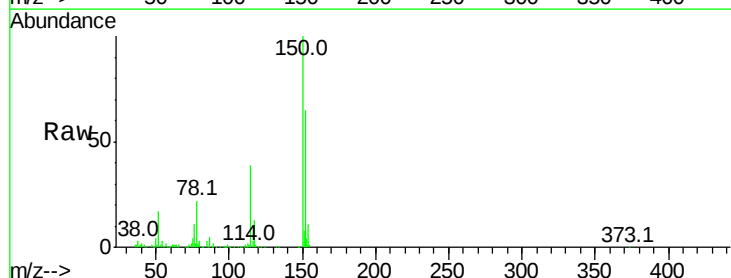
Tgt Ion: 79 Resp: 4919

Ion Ratio Lower Upper

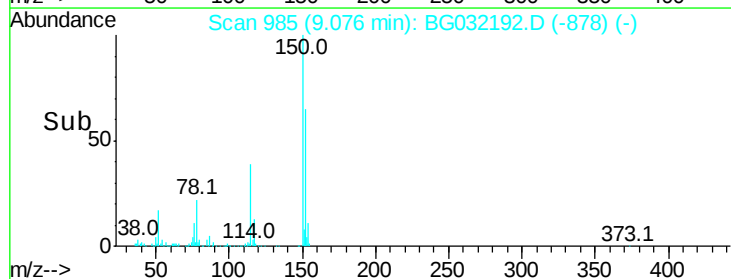
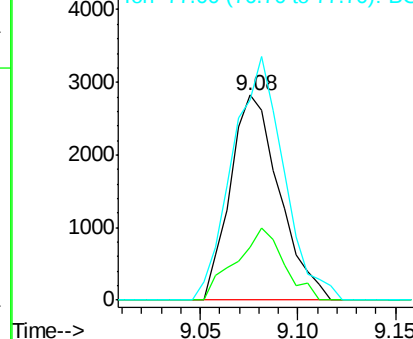
79 100

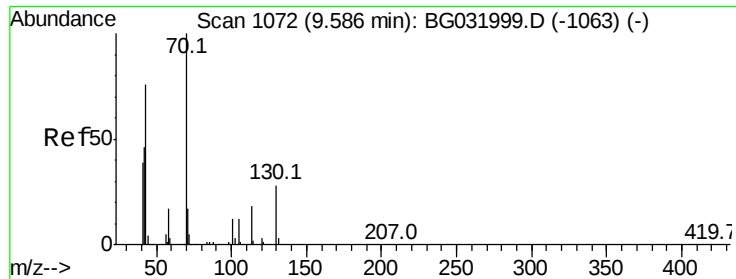
108 25.8 57.2 85.8#

77 97.5 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

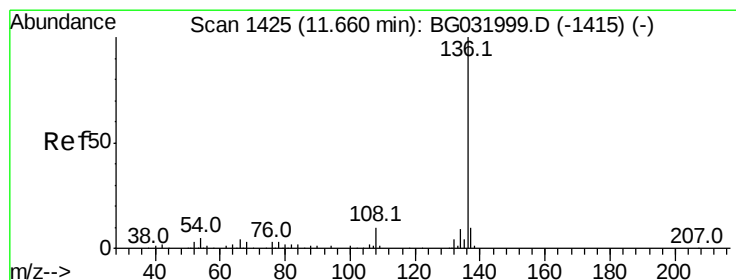
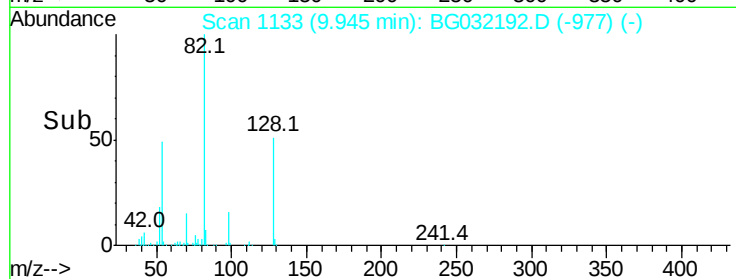
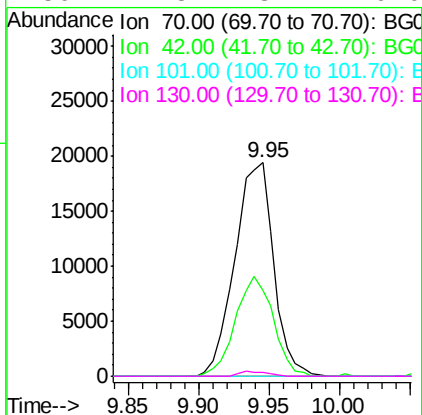
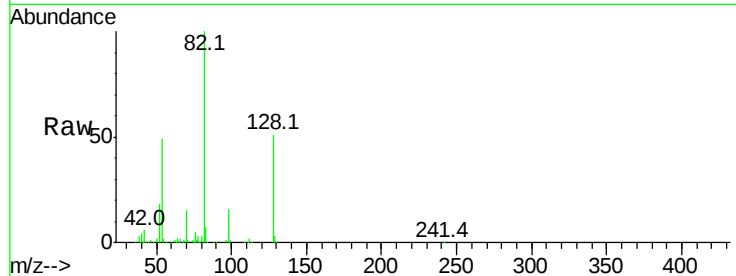




#19
n-Nitroso-di-n-propylamine
Concen: 17.968 ng
RT: 9.95 min Scan# 1133
Delta R.T. 0.39 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

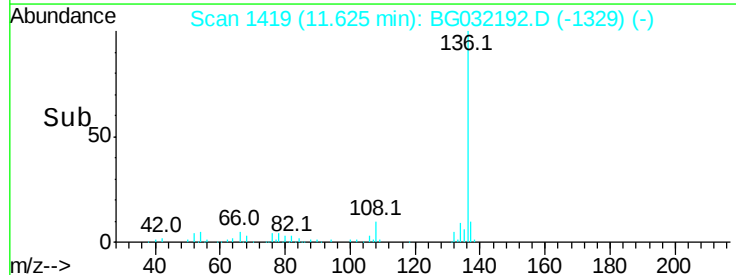
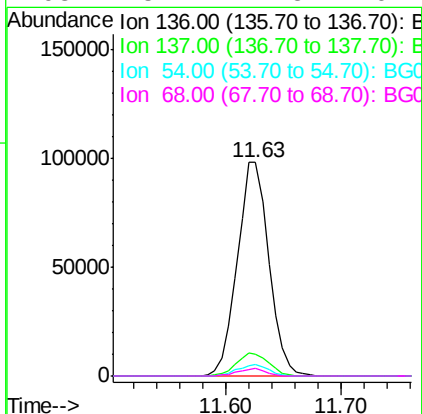
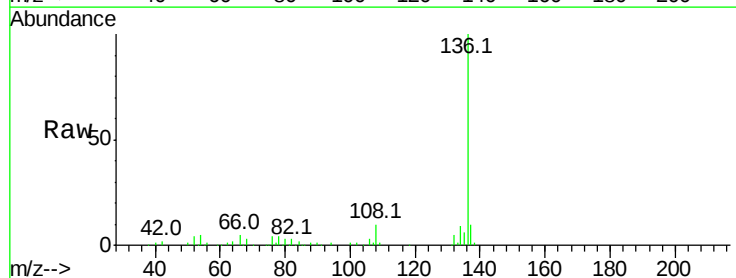
Instrument :
BNA_G
ClientSampleId :

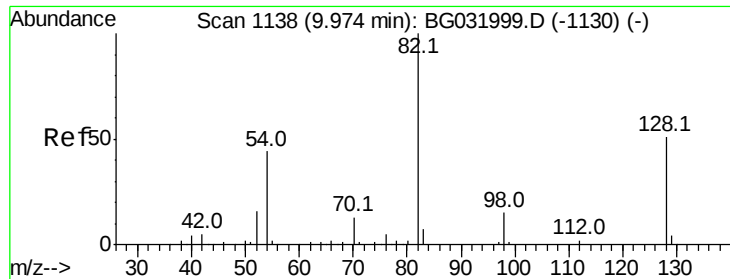
Tot Ion	Ratio	Lower	Upper
70	100		
42	40.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.4	10.3	15.5#
68	3.4	4.5	6.7#

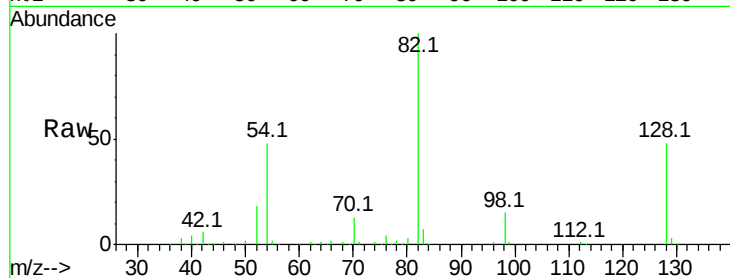




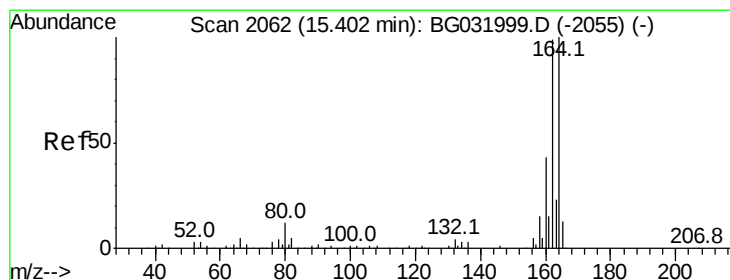
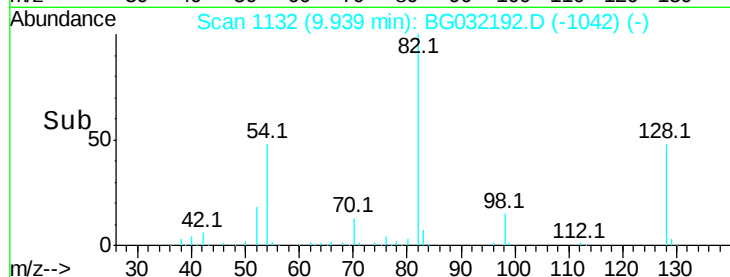
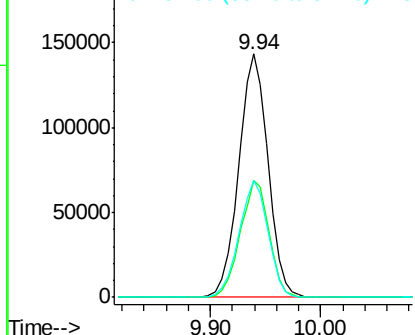
#23
Nitrobenzene-d5
Concen: 96.604 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 266392
Ion Ratio Lower Upper
82 100
128 48.0 29.7 44.5#
54 47.9 43.1 64.7

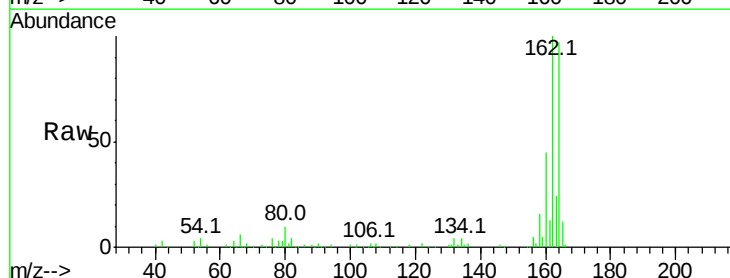


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

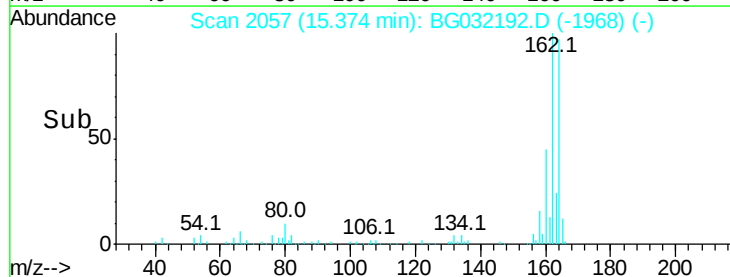
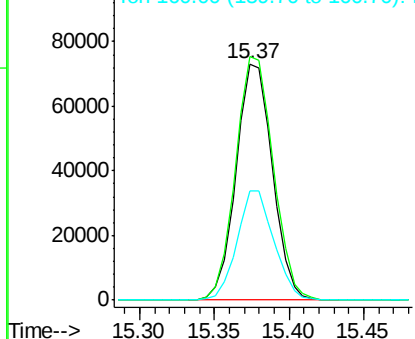


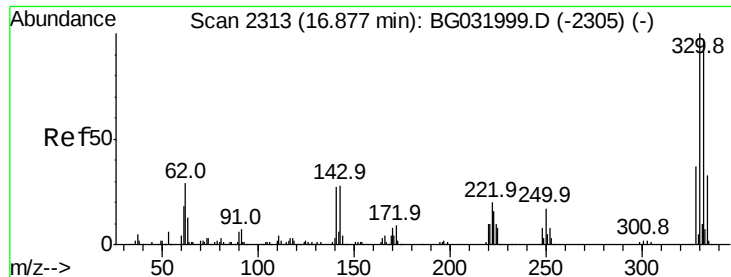
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Tgt Ion:164 Resp: 123130
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 46.0 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

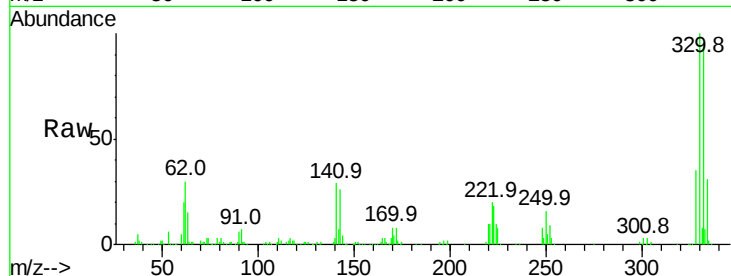




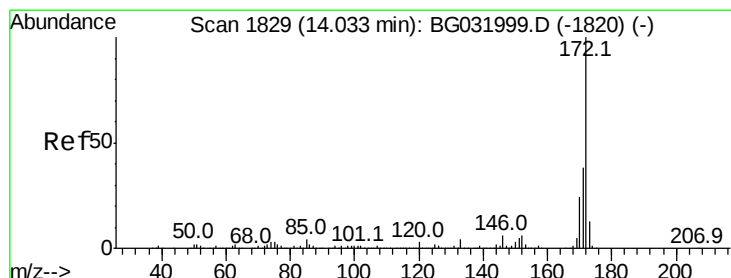
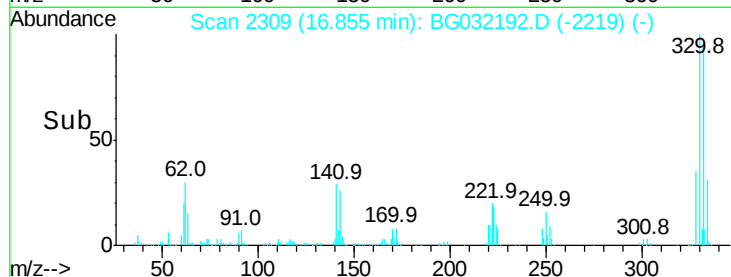
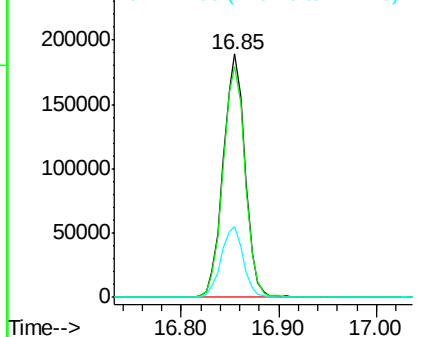
#41
 2,4,6-Tribromophenol
 Concen: 143.913 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032192.D
 Acq: 20 Jan 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.5	25.2	37.8

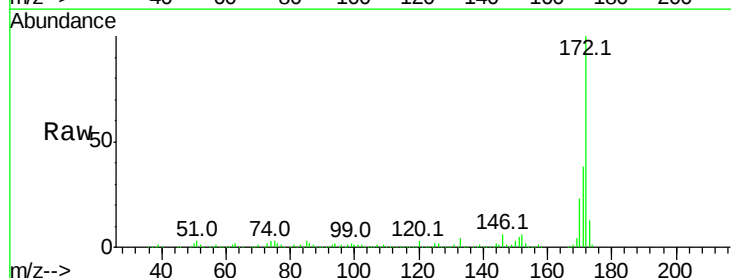


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

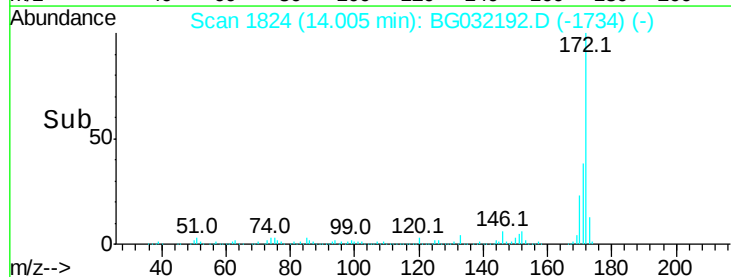
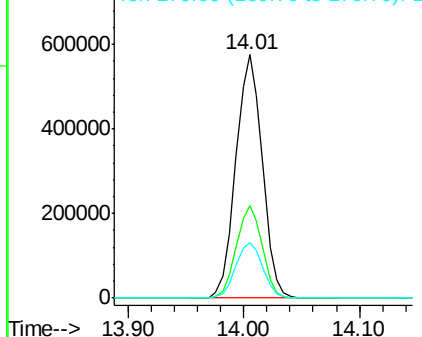


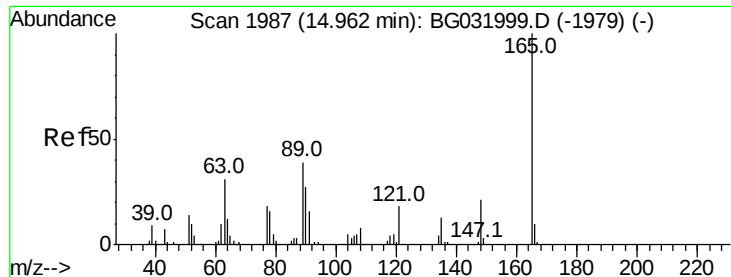
#44
 2-Fluorobiphenyl
 Concen: 91.605 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032192.D
 Acq: 20 Jan 2018 23:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	22.9	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

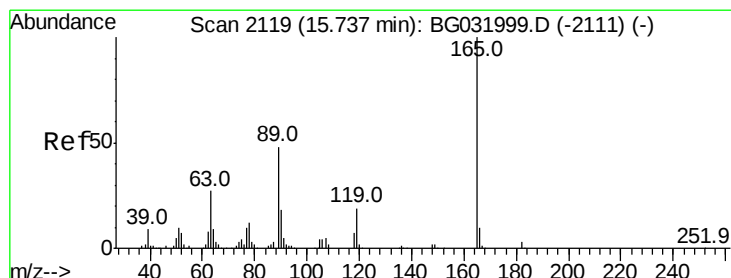
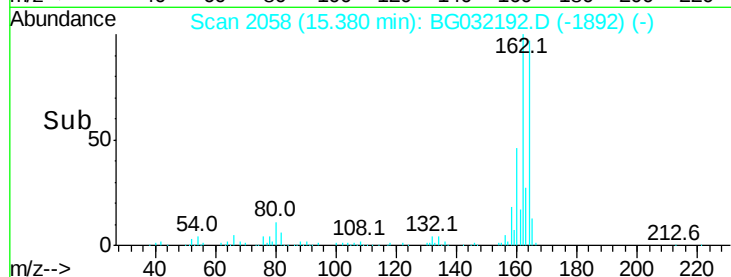
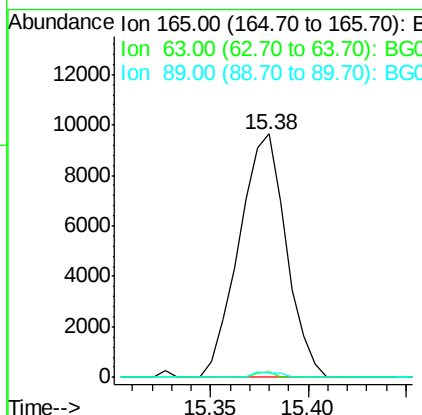
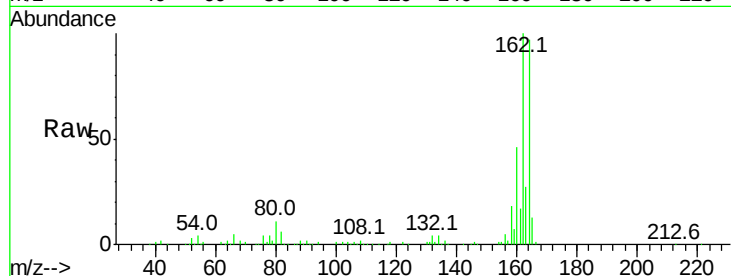




#50
2,6-Dinitrotoluene
Concen: 7.195 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.45 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

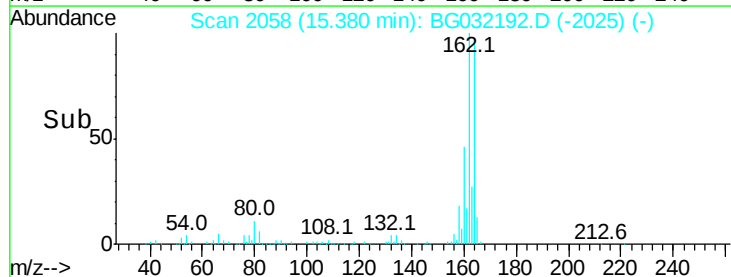
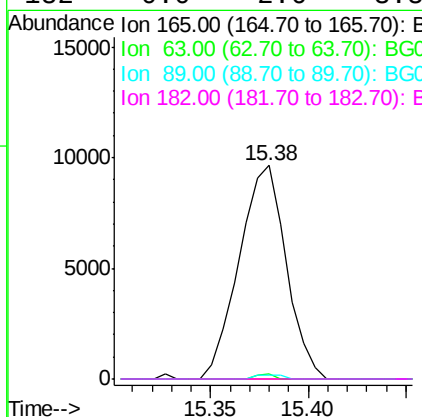
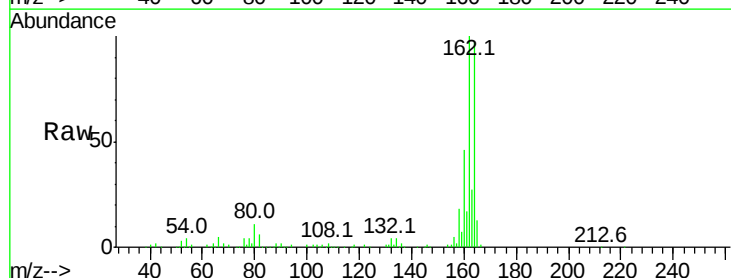
Instrument :
BNA_G
ClientSampleId :

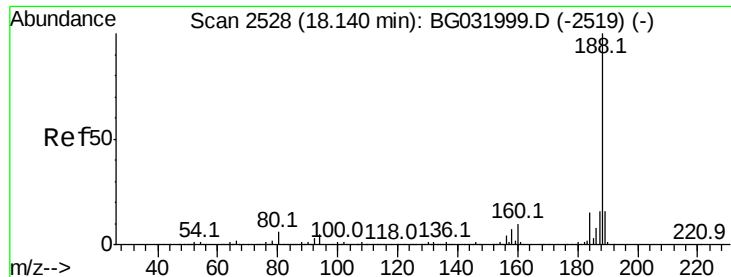
Tot Ion:165 Resp: 16091
Ion Ratio Lower Upper
165 100
63 2.3 52.7 79.1#
89 1.8 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.344 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.34 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Tgt Ion:165 Resp: 16091
Ion Ratio Lower Upper
165 100
63 2.3 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

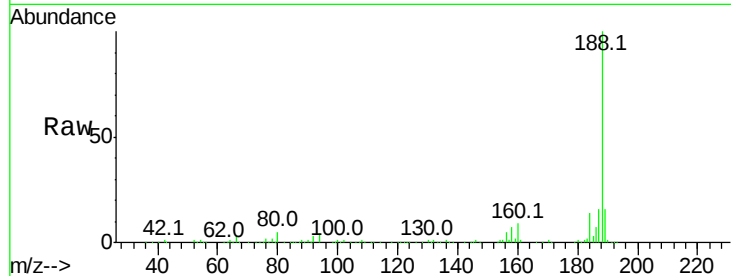




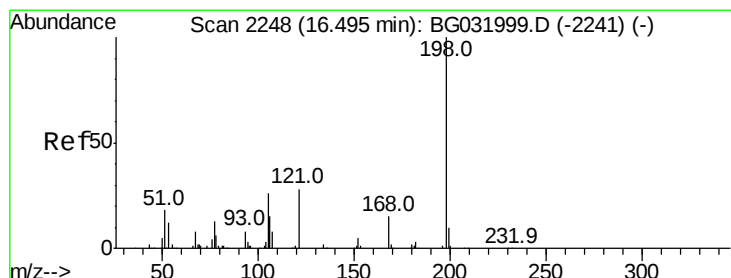
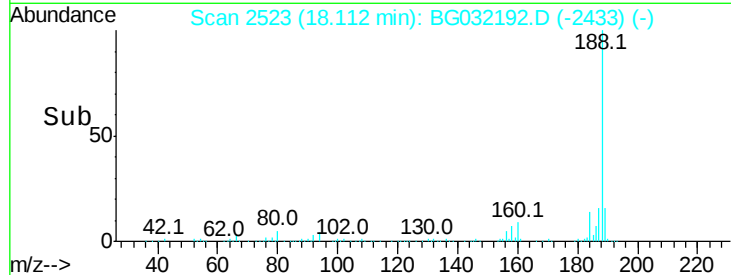
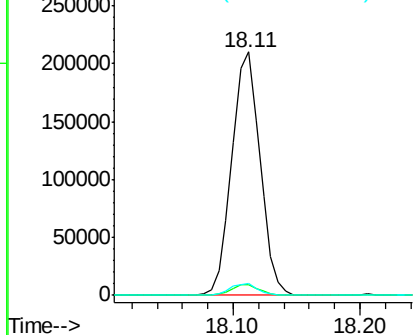
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 323945
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 5.0 7.7 11.5#

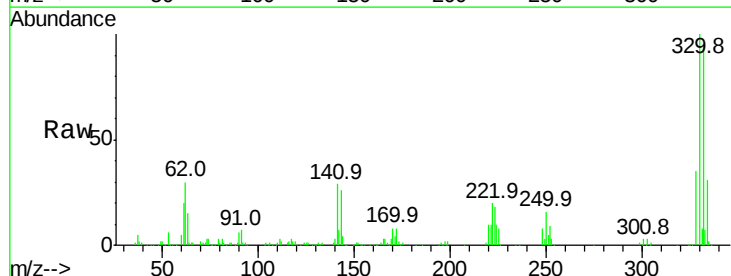


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

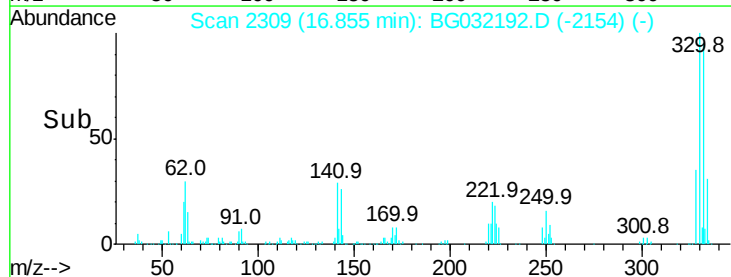
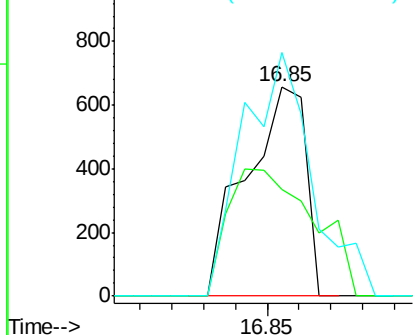


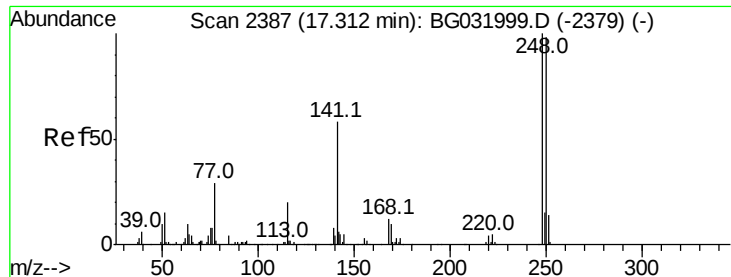
#64
4,6-Dinitro-2-methylphenol
Concen: 5.256 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Tgt Ion:198 Resp: 857
Ion Ratio Lower Upper
198 100
51 50.8 30.6 70.6
105 116.3 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

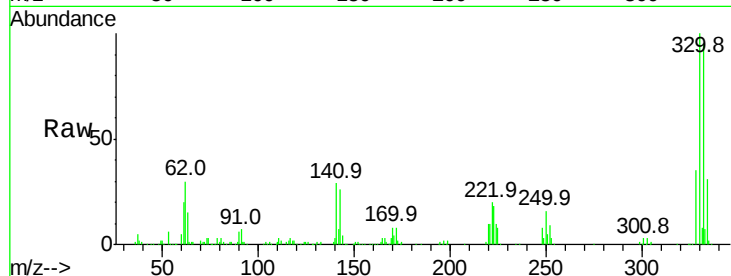




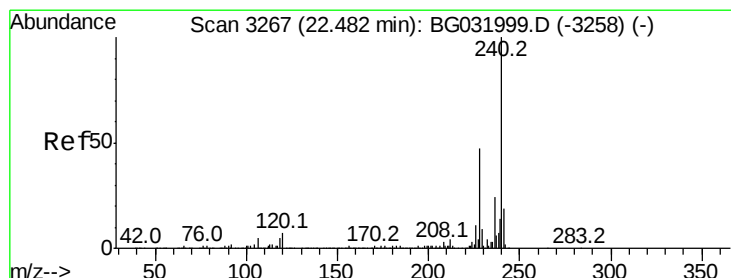
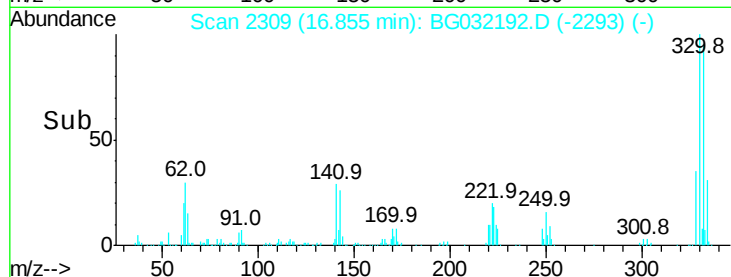
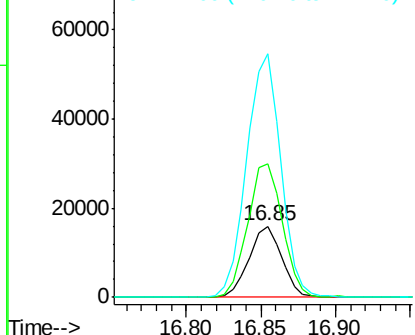
#66
4-Bromophenyl-phenylether
Concen: 5.223 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 24075
Ion Ratio Lower Upper
248 100
250 186.9 77.1 115.7#
141 341.4 50.8 76.2#

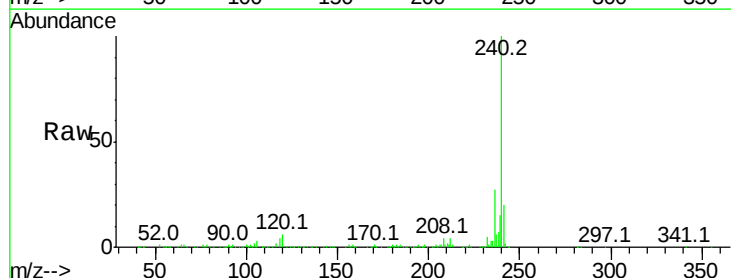


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

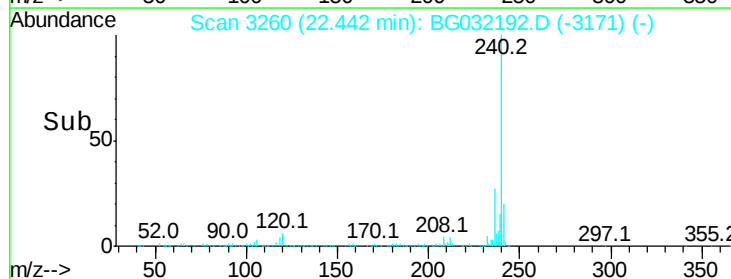
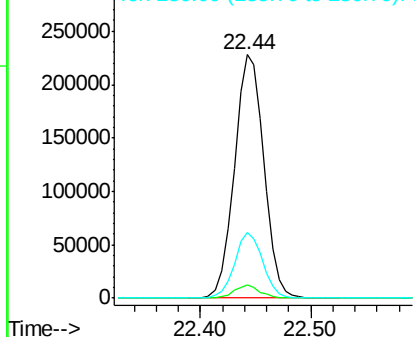


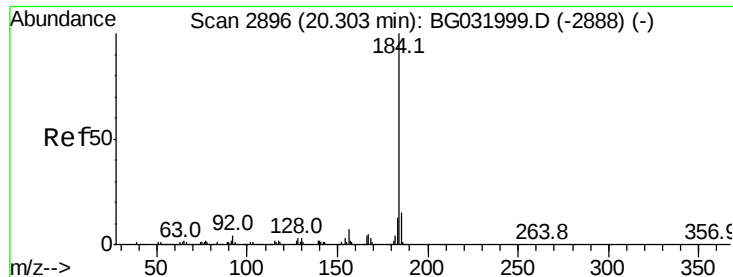
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032192.D
Acq: 20 Jan 2018 23:05

Tgt Ion:240 Resp: 425251
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 26.7 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





#76

Benzidine

Concen: 2.353 ng

RT: 20.64 min Scan# 2954

Delta R.T. 0.37 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

Instrument :

BNA_G

ClientSampleId :

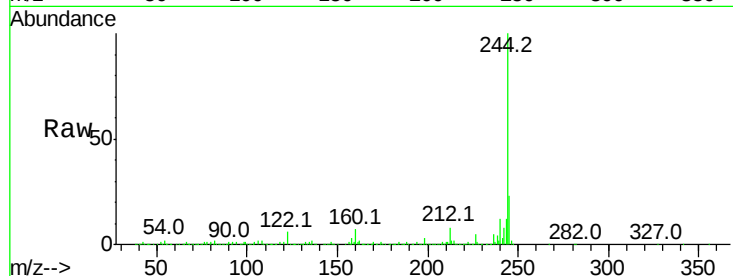
Tot Ion:184 Resp: 25025

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

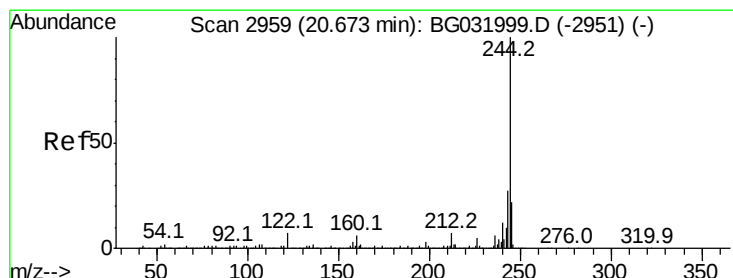
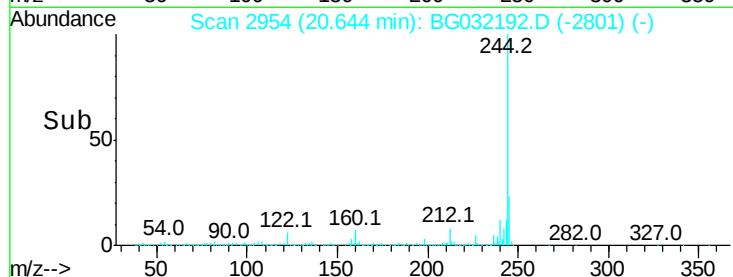
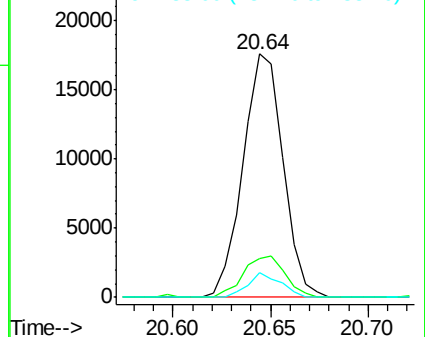
183 10.1 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 91.290 ng

RT: 20.64 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG032192.D

Acq: 20 Jan 2018 23:05

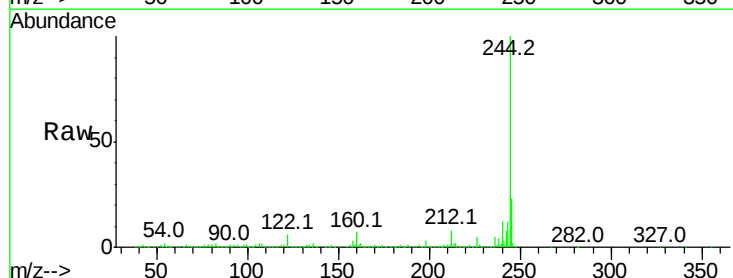
Tgt Ion:244 Resp: 1758170

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

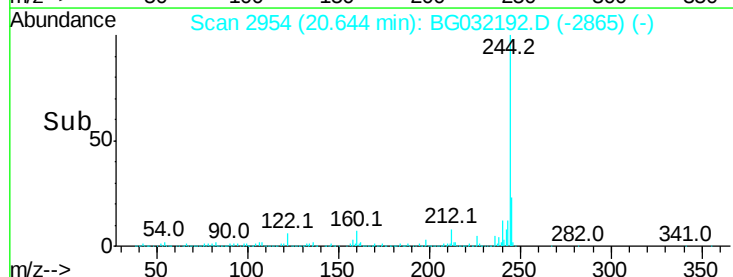
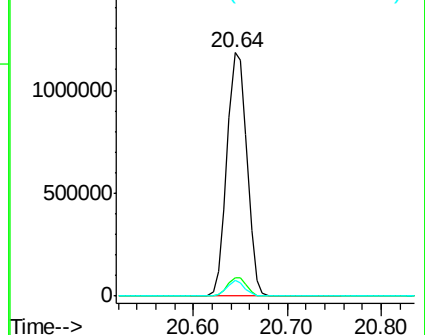
122 6.3 7.0 10.4#

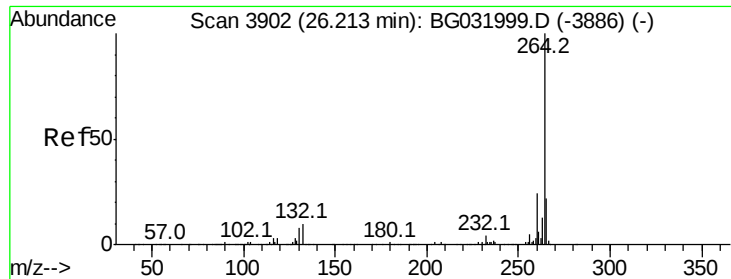


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

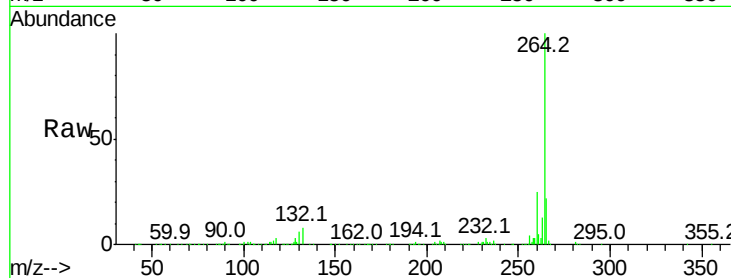




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.14 min Scan# 3890
 Delta R.T. -0.01 min
 Lab File: BG032192.D
 Acq: 20 Jan 2018 23:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.1	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

