

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032333.D
 Acq On : 26 Jan 2018 18:07
 Operator : SJ/JU
 Sample : PB105792BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 26 23:08:29 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

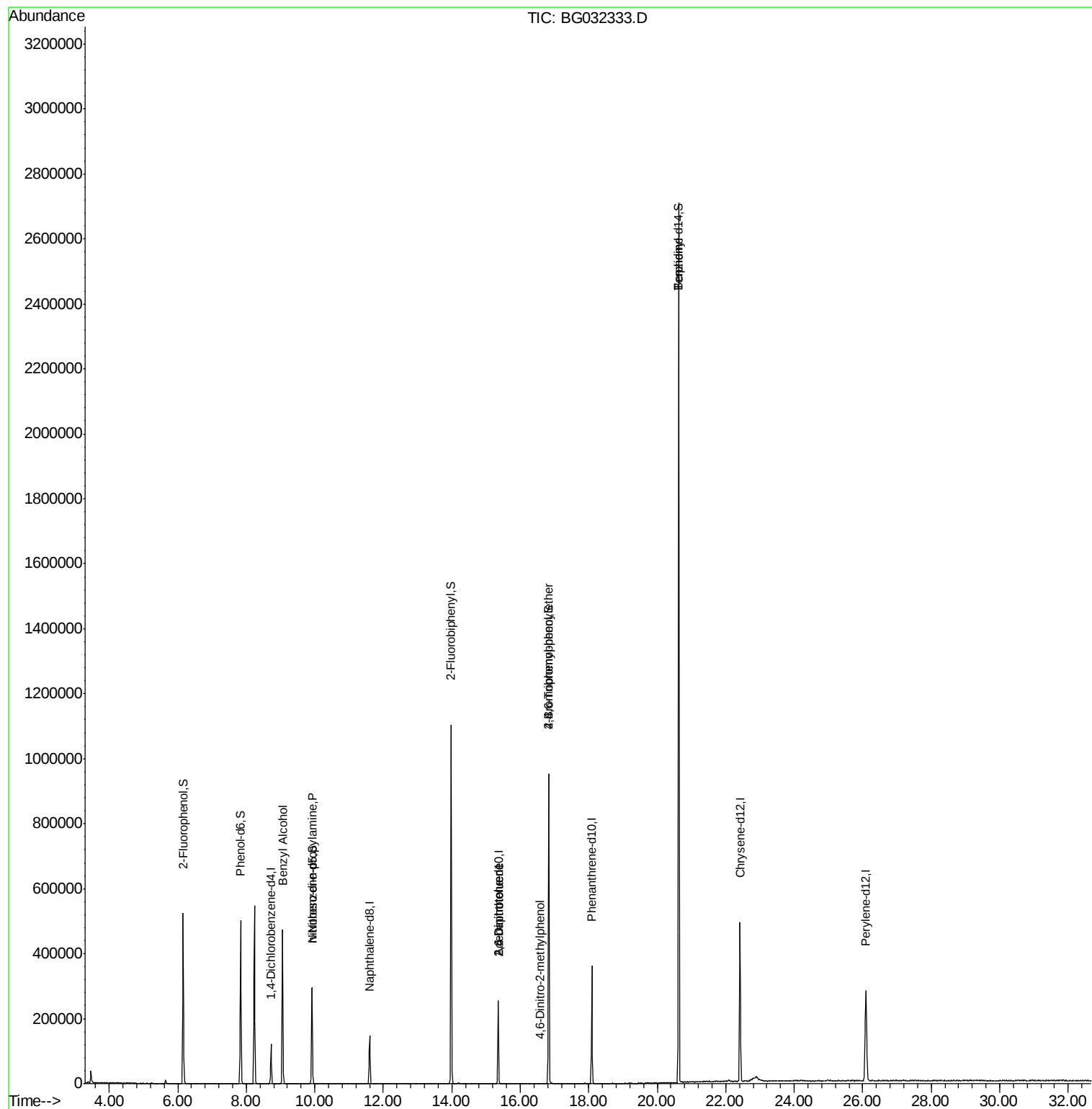
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40009	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	140058	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	95877	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257575	20.00	ng	0.00
75) Chrysene-d12	22.41	240	368633	20.00	ng	-0.01
86) Perylene-d12	26.09	264	384675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	252587	115.47	ng	0.00
7) Phenol-d6	7.84	99	300414	109.04	ng	0.00
23) Nitrobenzene-d5	9.92	82	189323	91.45	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	214039	134.91	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	640402	82.82	ng	0.00
78) Terphenyl-d14	20.63	244	1413024	84.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.05	79	4033	2.015	ng	# 36
19) n-Nitroso-di-n-propylamine	9.92	70	27650	16.175	ng	# 77
50) 2,6-Dinitrotoluene	15.36	165	12250	7.034	ng	# 20
56) 2,4-Dinitrotoluene	15.36	165	12250	5.225	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.57	198	57	4.915	ng	# 29
66) 4-Bromophenyl-phenylether	16.83	248	17443	4.760	ng	# 1
76) Benizidine	20.63	184	20961	2.274	ng	# 95

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

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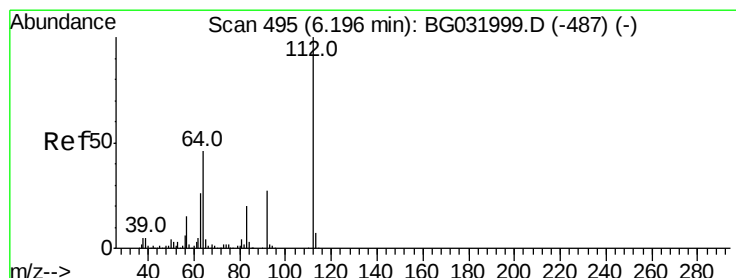
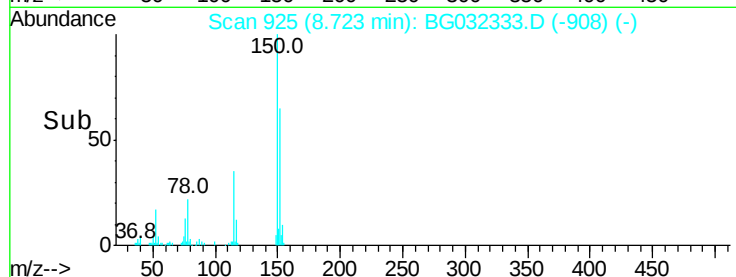
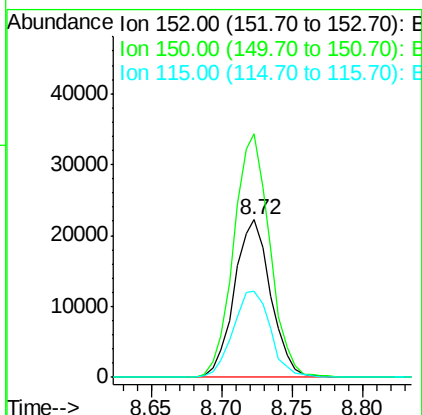
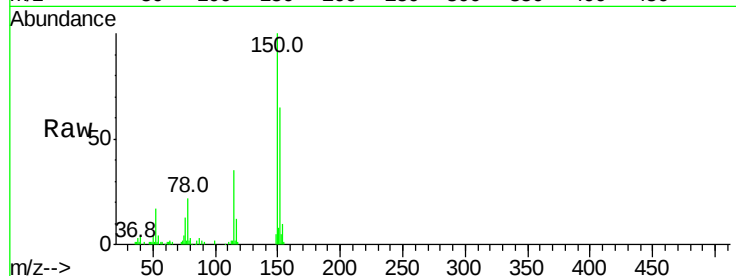


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Instrument :
BNA_G
ClientSampleId :

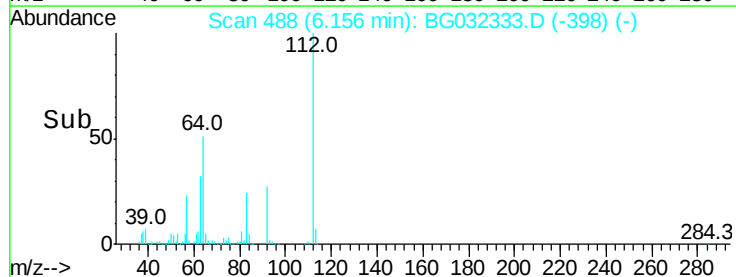
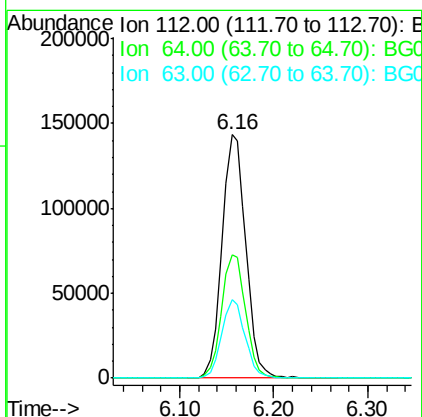
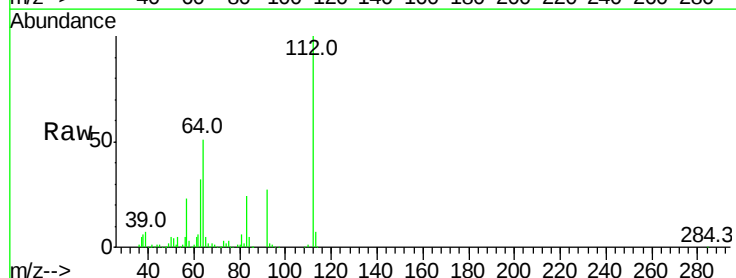
Tot Ion:152 Resp: 40009
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 54.7 53.0 79.4

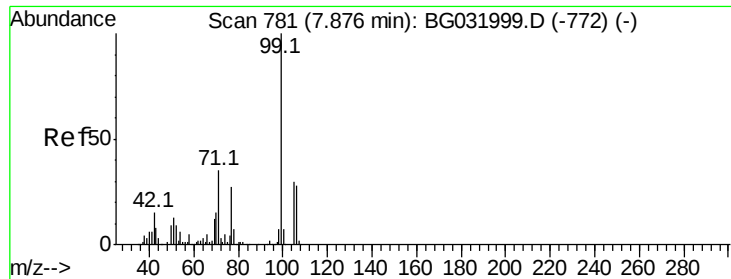


#5

2-Fluorophenol
Concen: 115.465 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Tgt Ion:112 Resp: 252587
Ion Ratio Lower Upper
112 100
64 50.6 56.3 84.5#
63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 109.039 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032333.D

Acq: 26 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

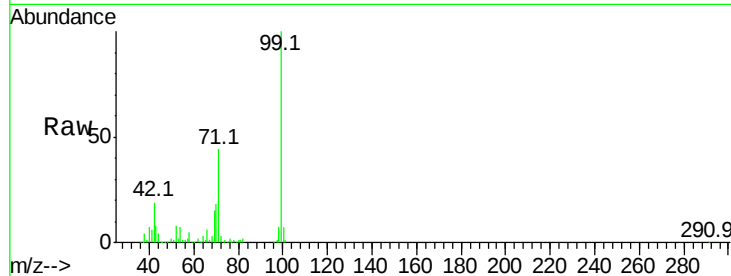
Tot Ion: 99 Resp: 300414

Ion Ratio Lower Upper

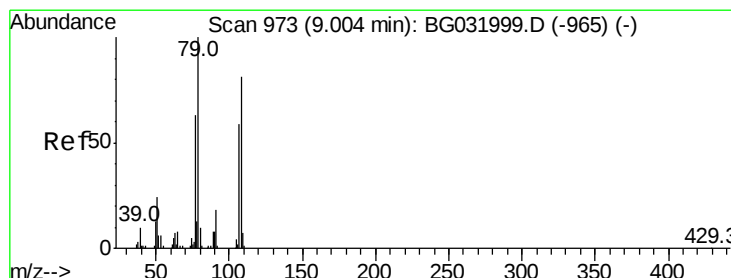
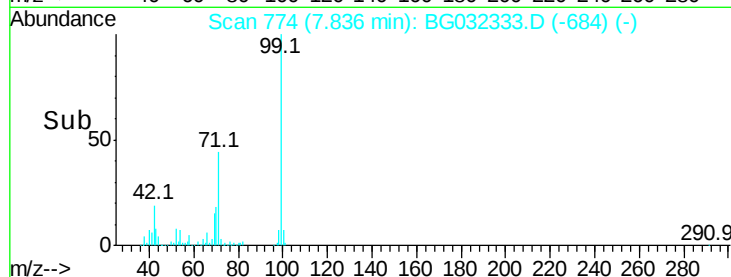
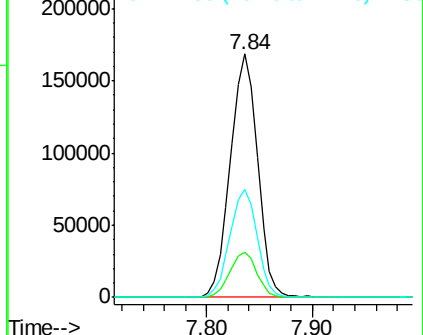
99 100

42 18.5 14.1 21.1

71 44.3 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



#15

Benzyl Alcohol

Concen: 2.015 ng

RT: 9.05 min Scan# 981

Delta R.T. 0.09 min

Lab File: BG032333.D

Acq: 26 Jan 2018 18:07

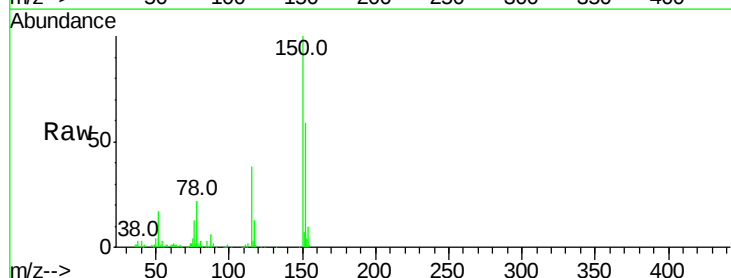
Tgt Ion: 79 Resp: 4033

Ion Ratio Lower Upper

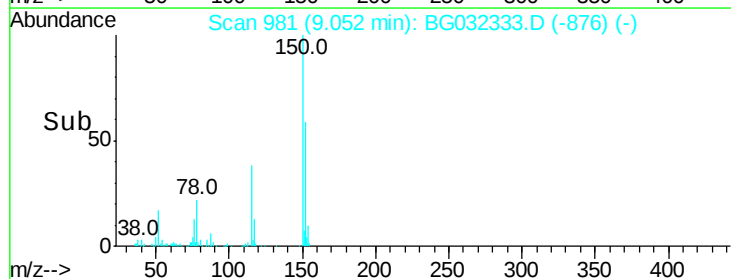
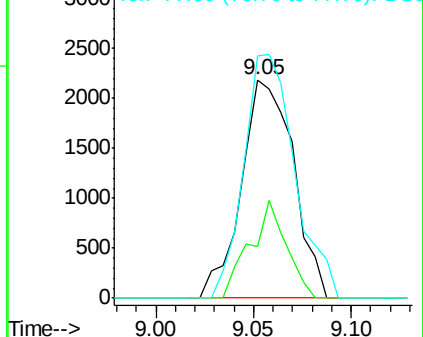
79 100

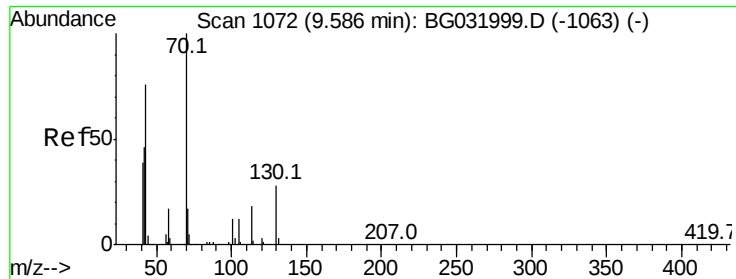
108 23.7 57.2 85.8#

77 110.9 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

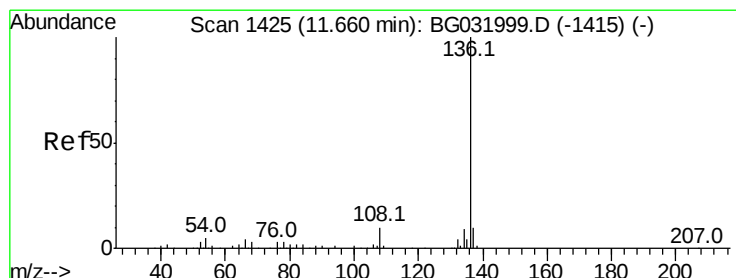
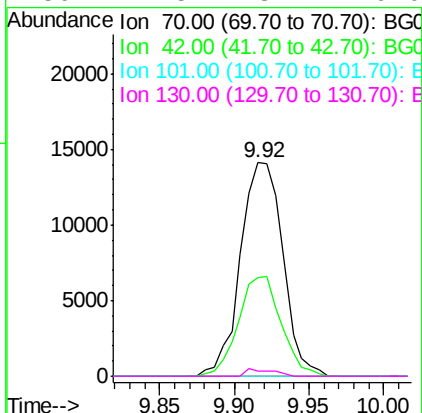
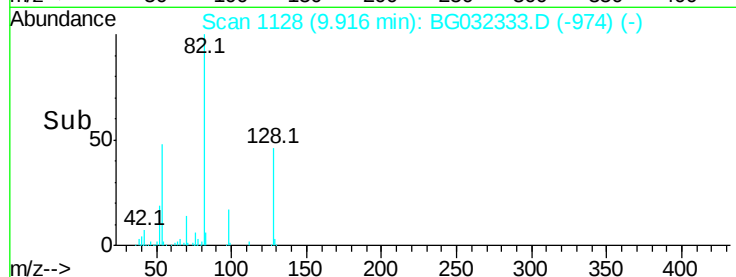
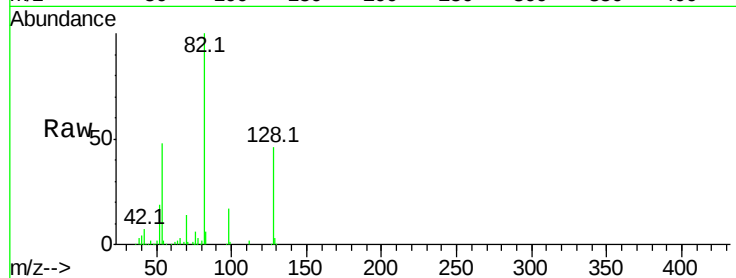




#19
n-Nitroso-di-n-propylamine
Concen: 16.175 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

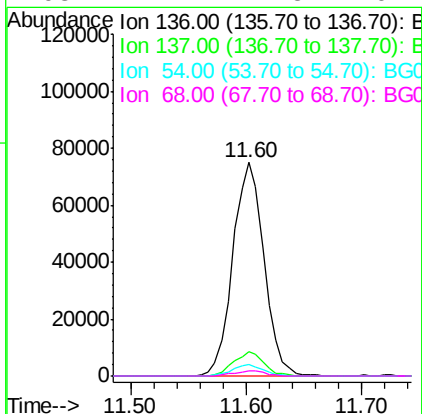
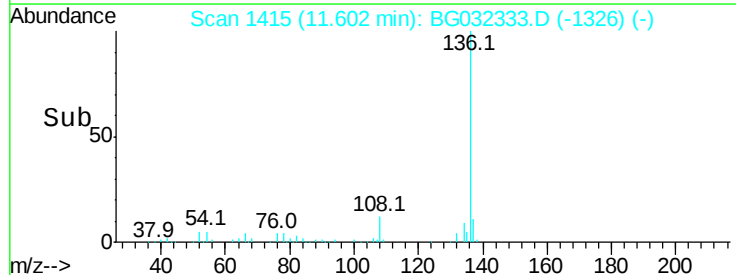
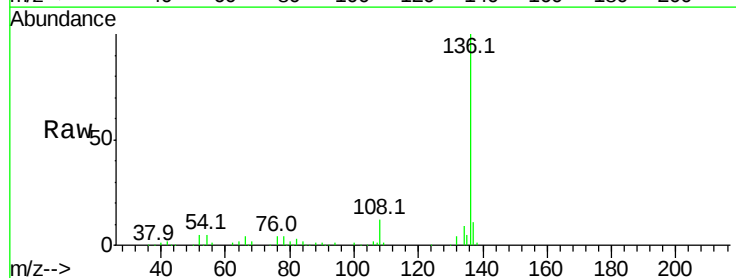
Instrument :
BNA_G
ClientSampleId :

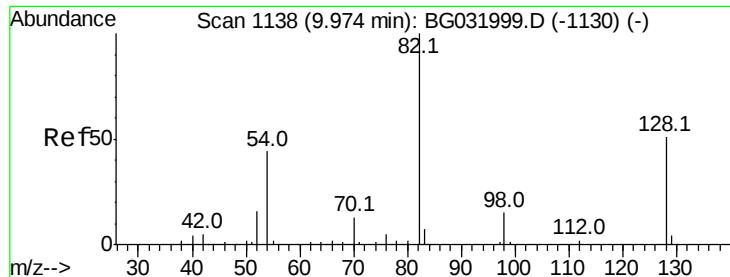
Tot Ion: 70 Resp: 27650
Ion Ratio Lower Upper
70 100
42 46.1 49.1 73.7#
101 0.0 8.5 12.7#
130 2.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Tgt Ion: 136 Resp: 140058
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 5.1 10.3 15.5#
68 2.4 4.5 6.7#

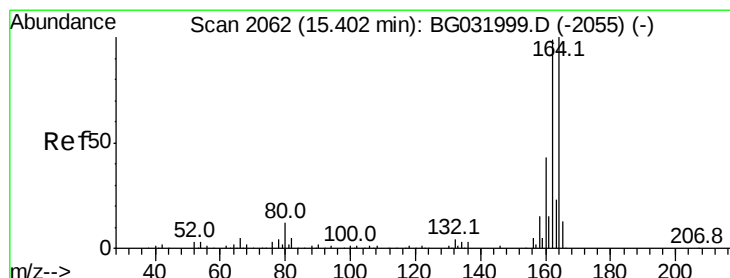
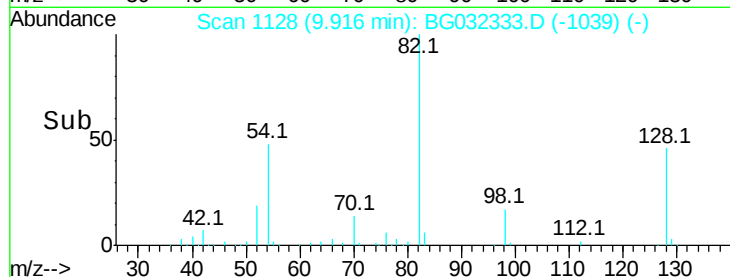
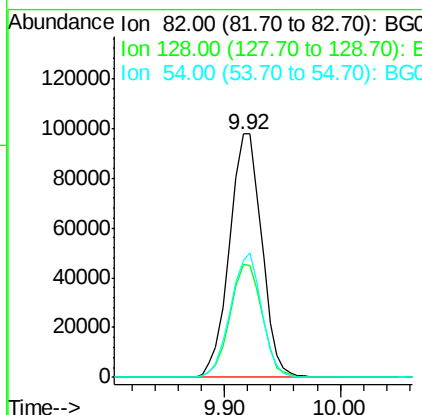
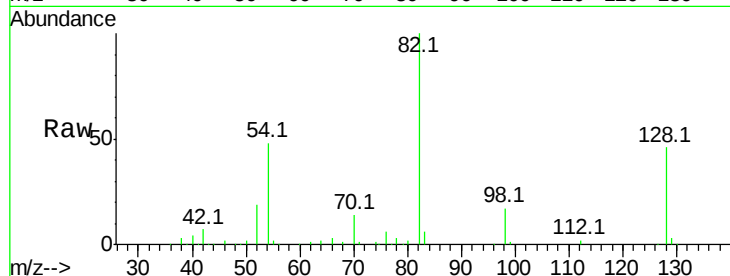




#23
 Nitrobenzene-d5
 Concen: 91.451 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

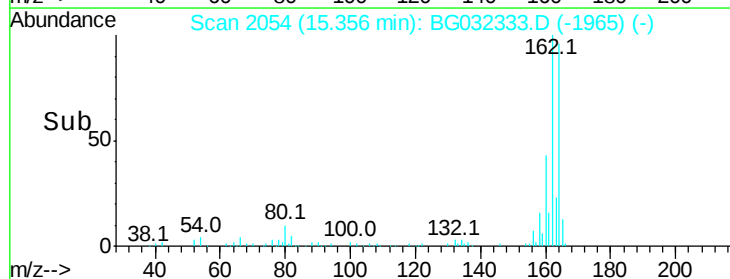
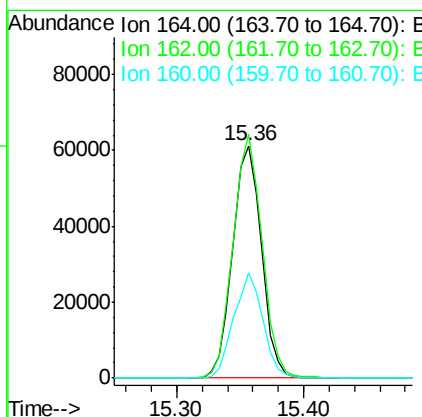
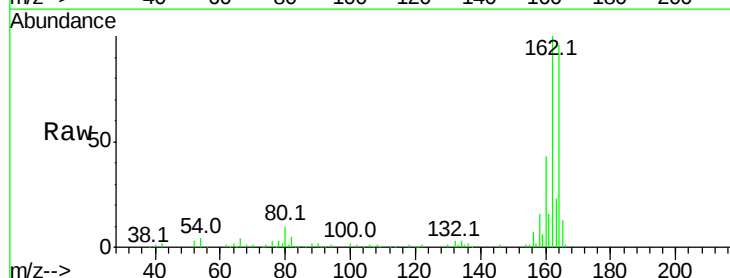
Instrument :
 BNA_G
 ClientSampleId :

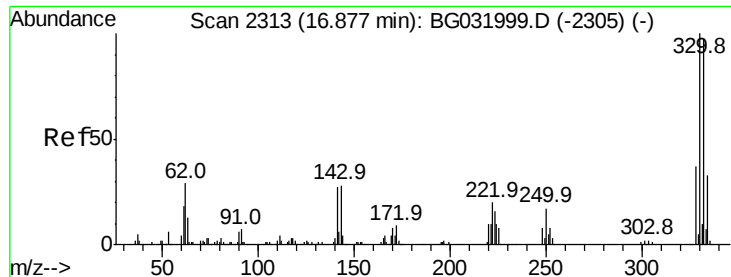
Tot Ion: 82 Resp: 189323
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 48.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Tgt Ion:164 Resp: 95877
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 45.2 35.4 53.0

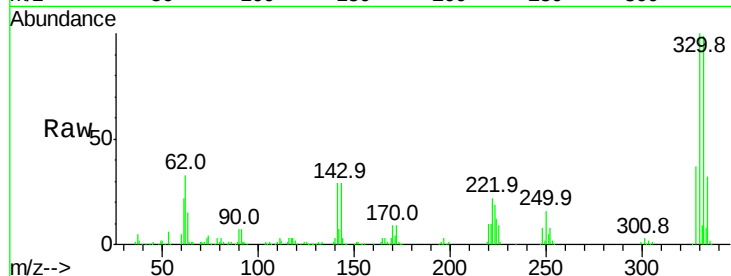




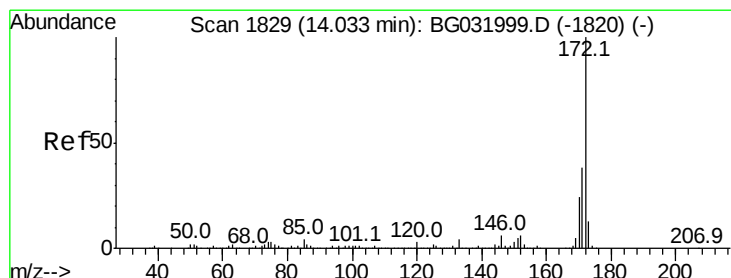
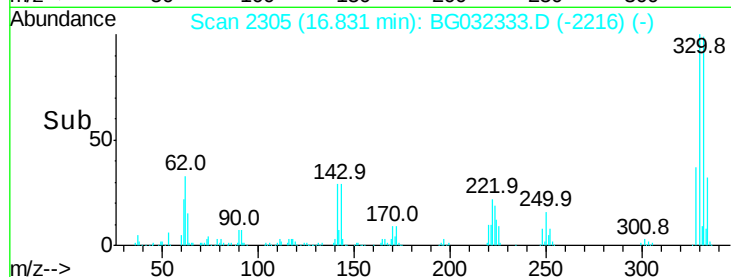
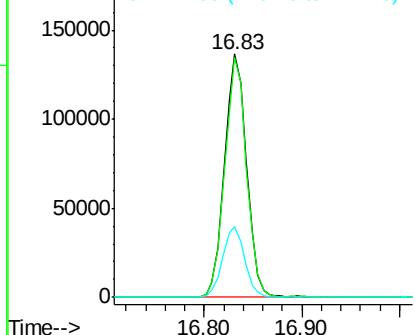
#41
 2,4,6-Tribromophenol
 Concen: 134.909 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 214039
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 29.1 25.2 37.8

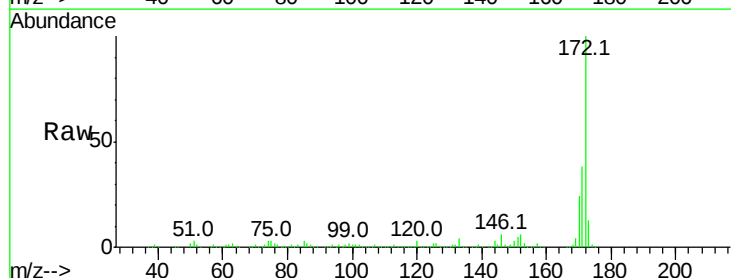


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

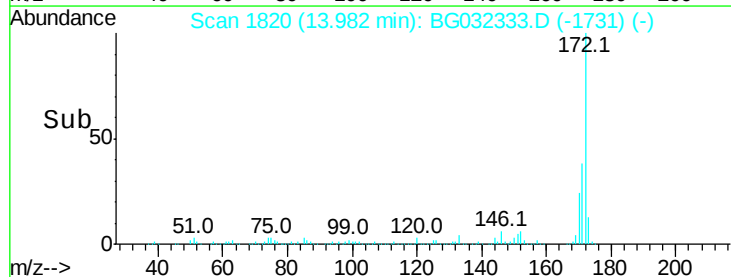
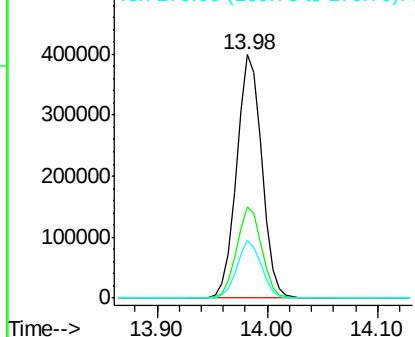


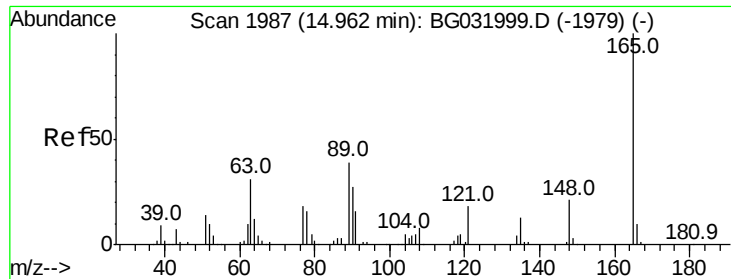
#44
 2-Fluorobiphenyl
 Concen: 82.821 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Tgt Ion:172 Resp: 640402
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.9 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

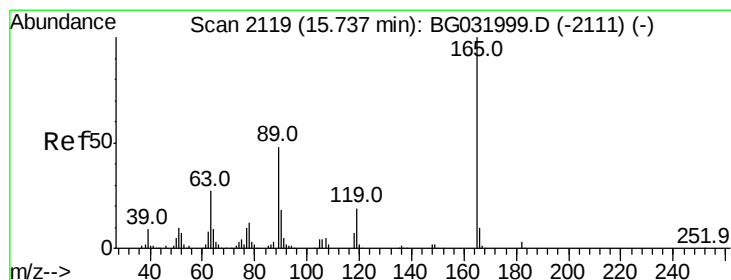
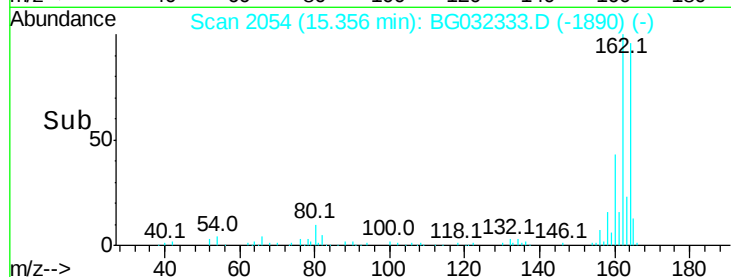
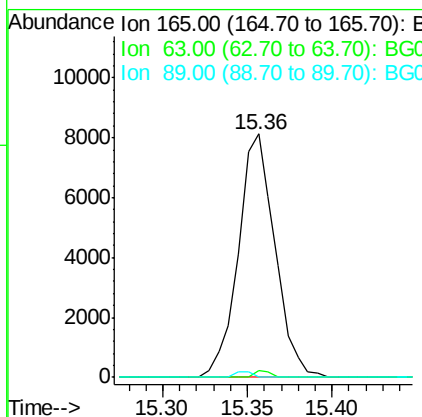
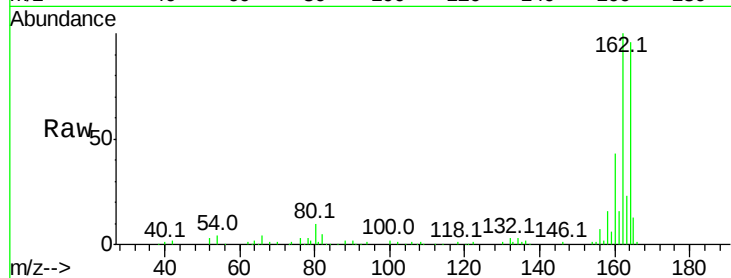




#50
 2,6-Dinitrotoluene
 Concen: 7.034 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.43 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

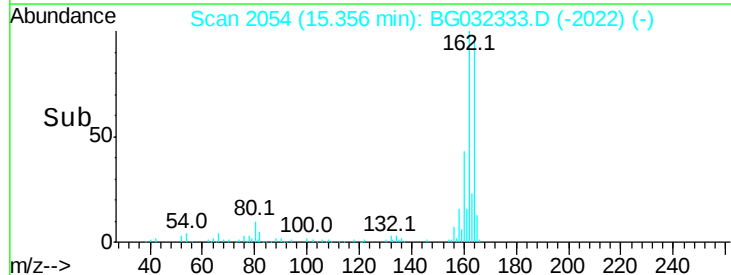
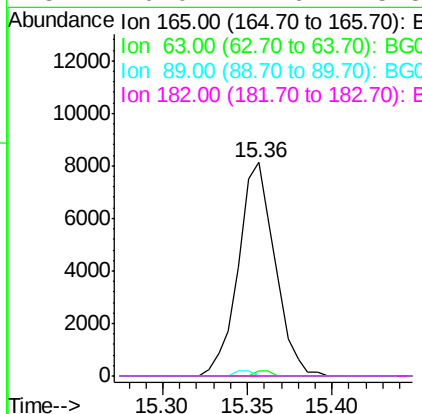
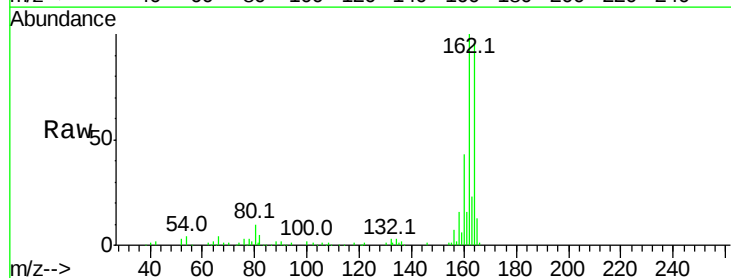
Instrument :
 BNA_G
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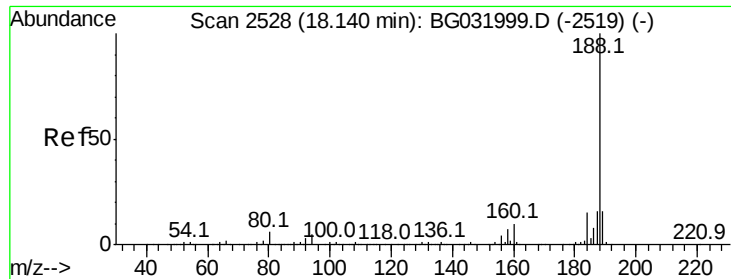
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.225 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

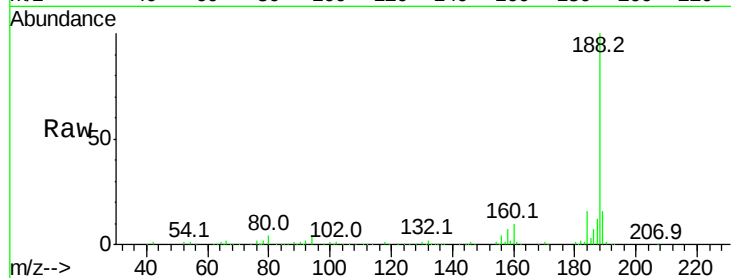




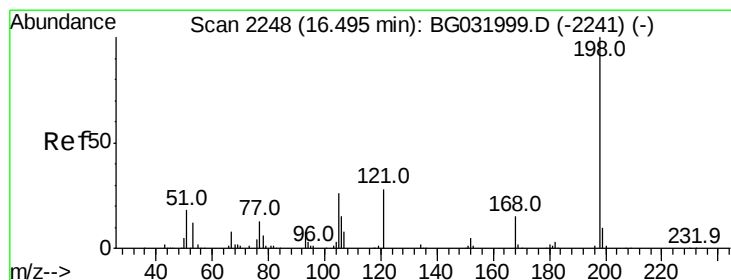
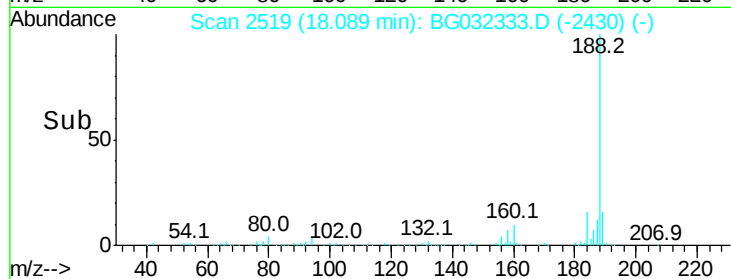
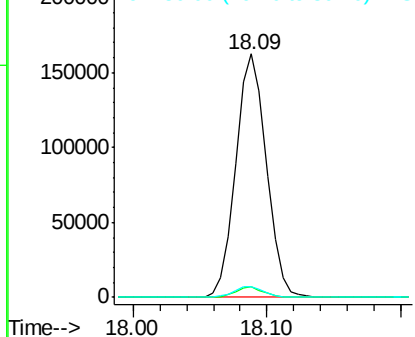
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 257575
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.1 7.7 11.5#

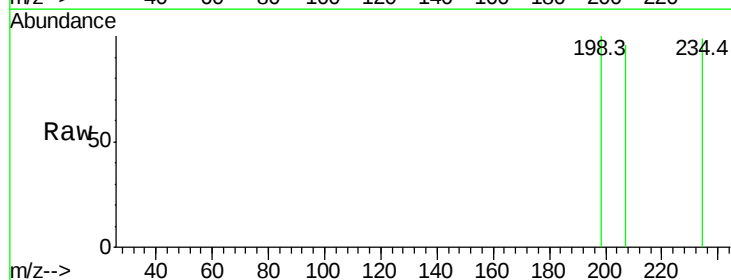


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

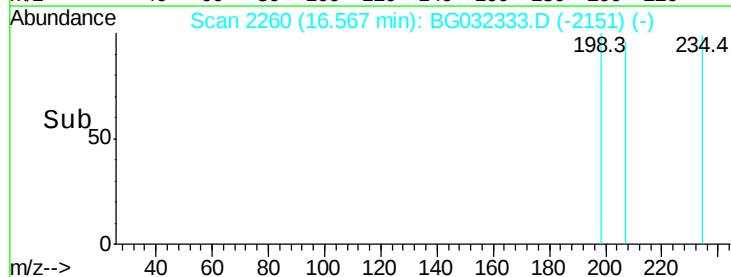
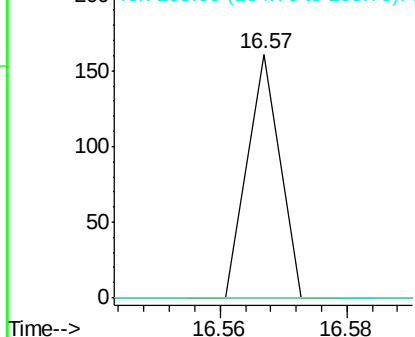


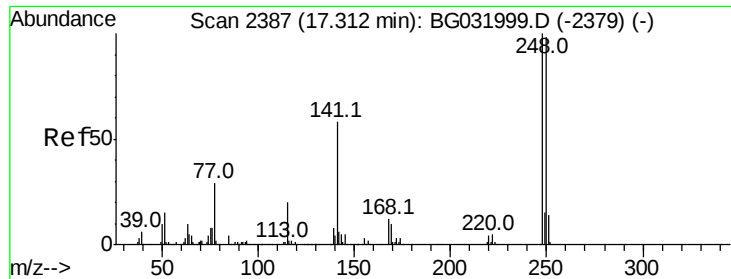
#64
4,6-Dinitro-2-methylphenol
Concen: 4.915 ng
RT: 16.57 min Scan# 2260
Delta R.T. 0.11 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 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

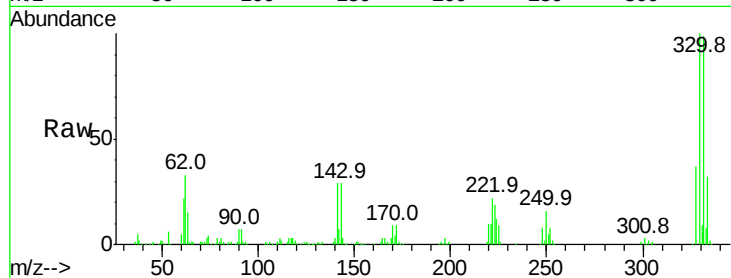




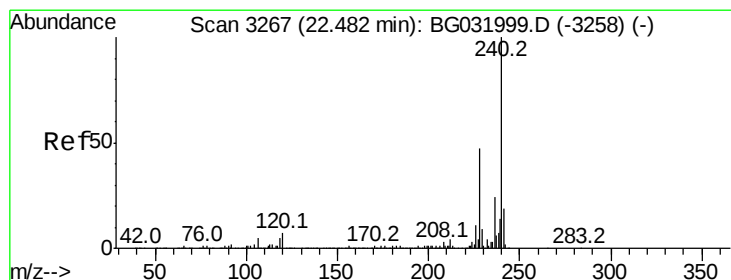
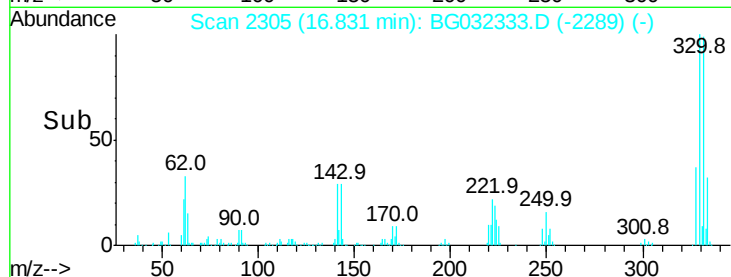
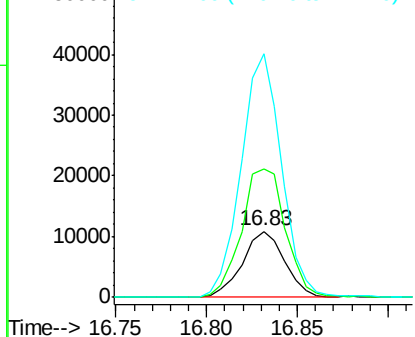
#66
 4-Bromophenyl-phenylether
 Concen: 4.760 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.43 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 17443
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.1 115.7#
 141 369.9 50.8 76.2#

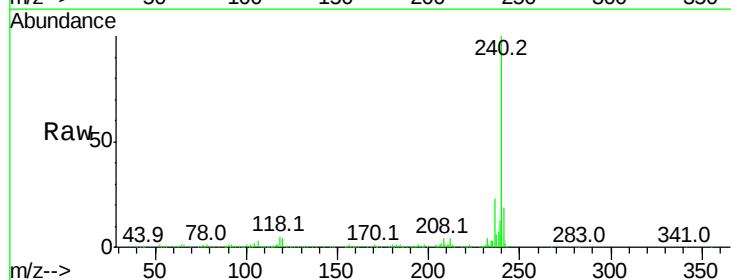


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

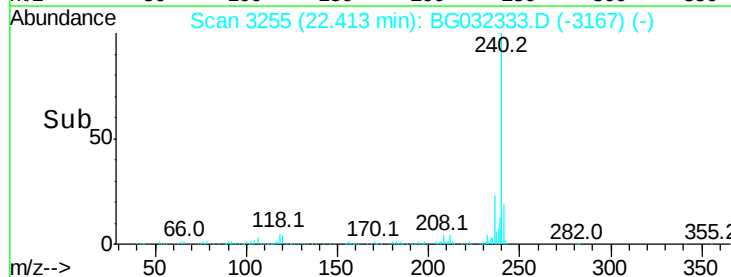
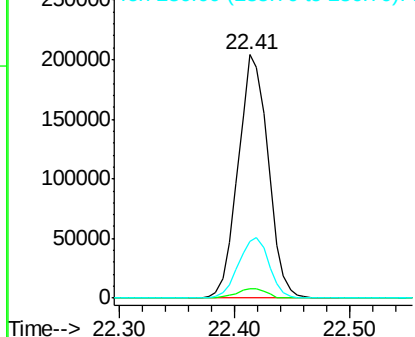


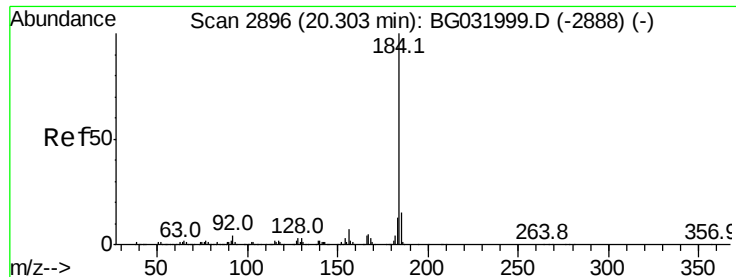
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Tgt Ion:240 Resp: 368633
 Ion Ratio Lower Upper
 240 100
 120 4.0 6.8 10.2#
 236 23.0 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: 2.274 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.36 min

Lab File: BG032333.D

Acq: 26 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

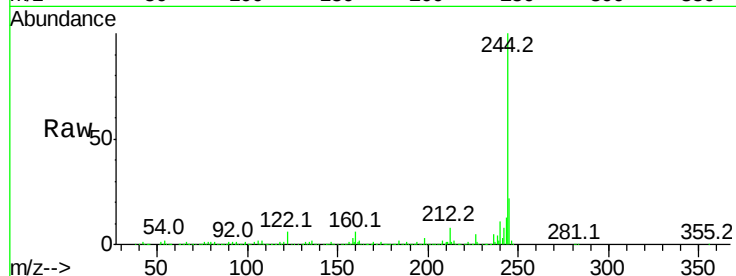
Tot Ion:184 Resp: 20961

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

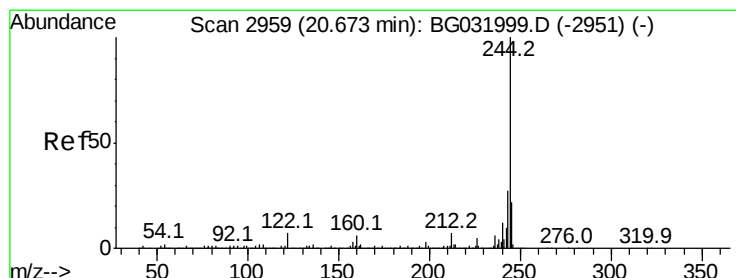
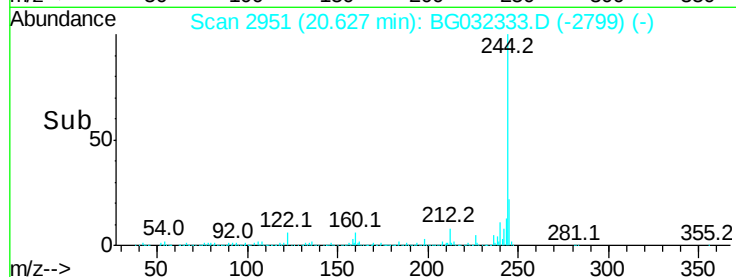
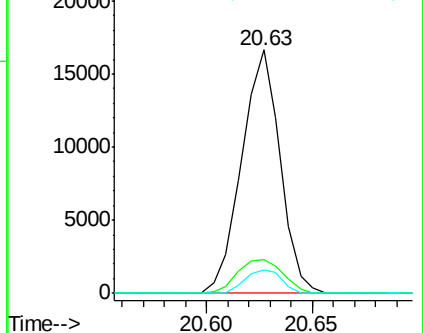
183 9.4 10.6 16.0#



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: 84.638 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032333.D

Acq: 26 Jan 2018 18:07

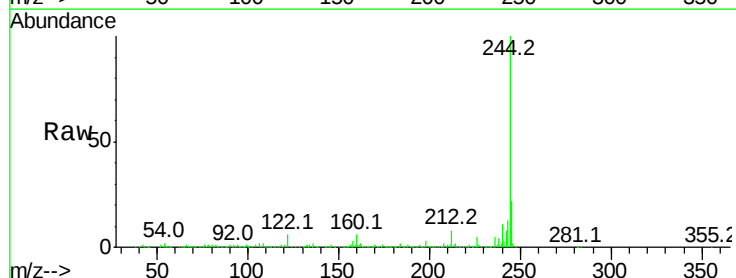
Tgt Ion:244 Resp: 1413024

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

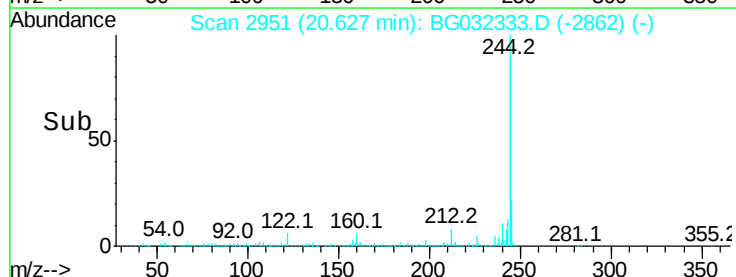
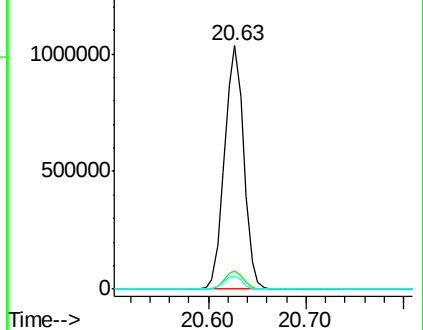
122 5.7 7.0 10.4#

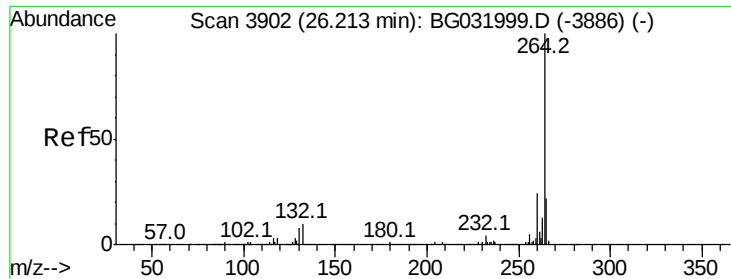


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

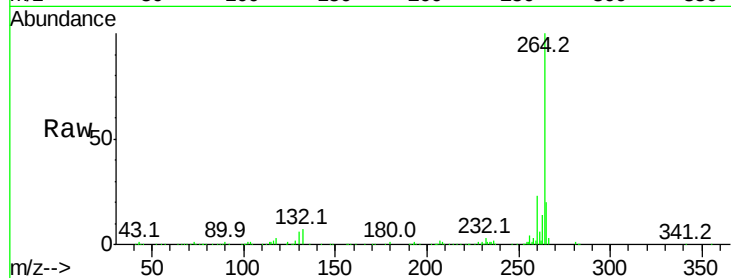




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.4	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

