

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032026.D
 Acq On : 13 Jan 2018 6:25
 Operator : SJ/JU
 Sample : J1018-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-011118

Quant Time: Jan 15 09:56:29 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

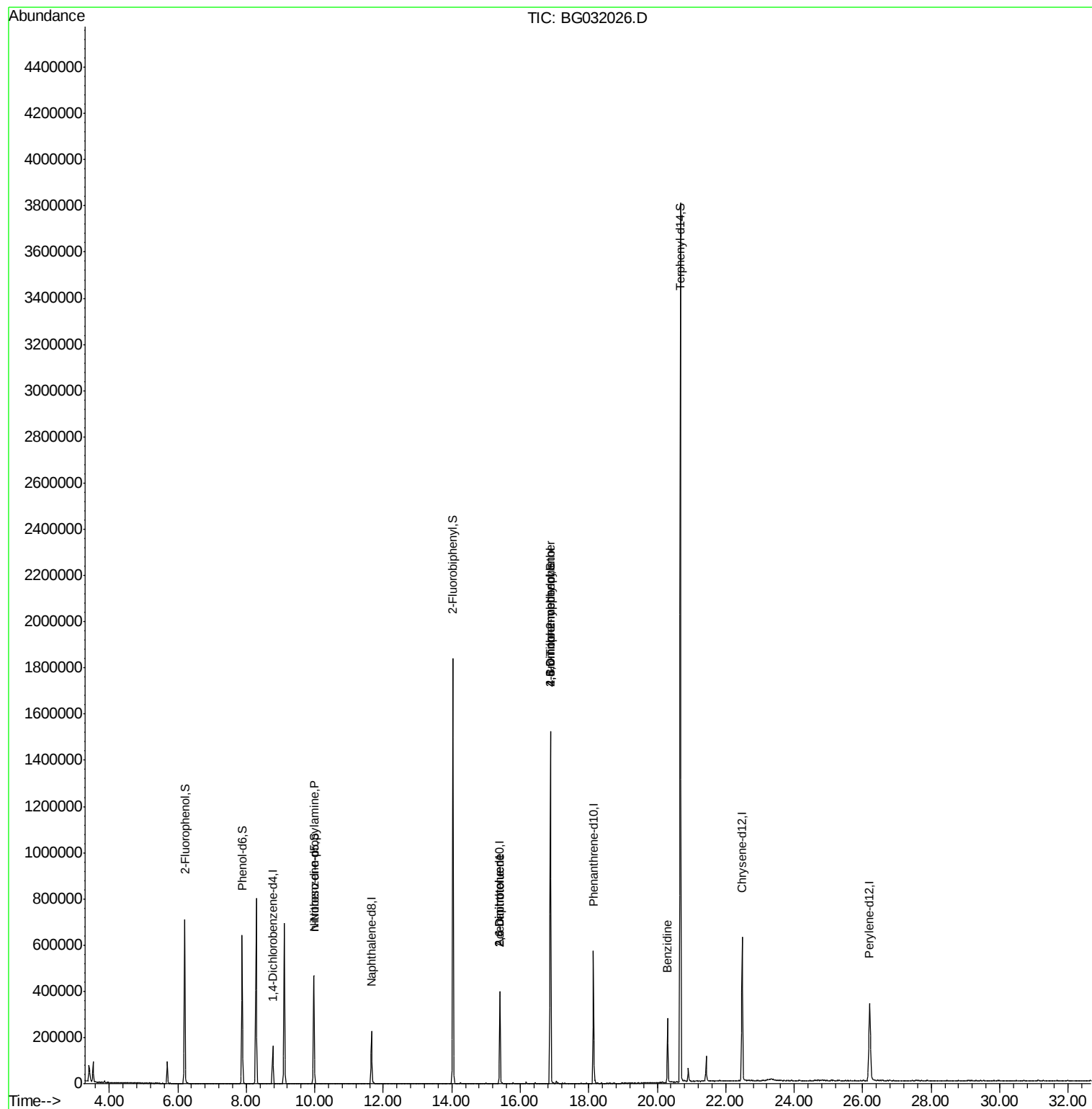
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	56346	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	228268	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	153995	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	400536	20.00	ng	0.00
75) Chrysene-d12	22.48	240	473632	20.00	ng	0.00
86) Perylene-d12	26.20	264	490201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	387898	125.91	ng	0.00
7) Phenol-d6	7.88	99	435168	112.15	ng	0.00
23) Nitrobenzene-d5	9.97	82	311112	92.21	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	361038	141.68	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1089373	87.72	ng	0.00
78) Terphenyl-d14	20.67	244	2045898	95.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	40871	16.977	ng	# 70
50) 2,6-Dinitrotoluene	15.40	165	20255	7.241	ng	# 20
56) 2,4-Dinitrotoluene	15.40	165	20255	5.379	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	714	5.135	ng	# 1
66) 4-Bromophenyl-phenylether	16.88	248	29340	5.148	ng	# 1
76) Benzidine	20.30	184	194649	16.435	ng	99

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

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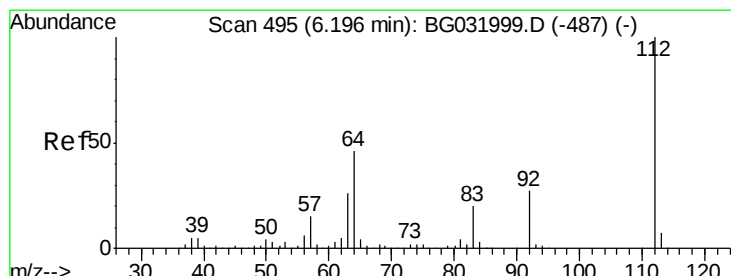
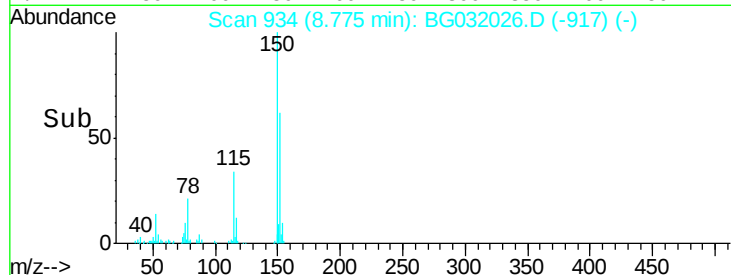
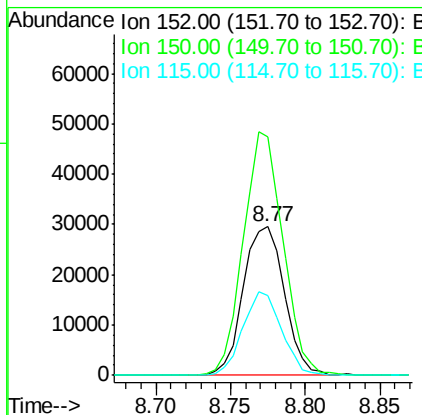
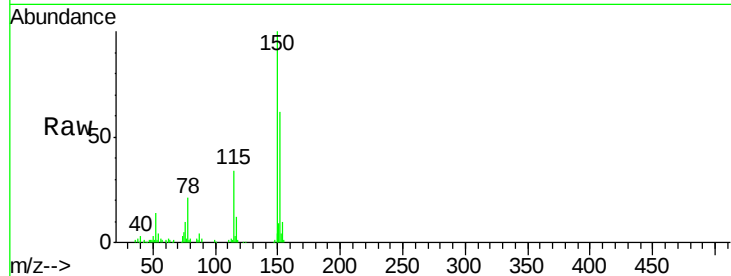


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Instrument :
BNA_G
ClientSampleId :
OR-01-011118

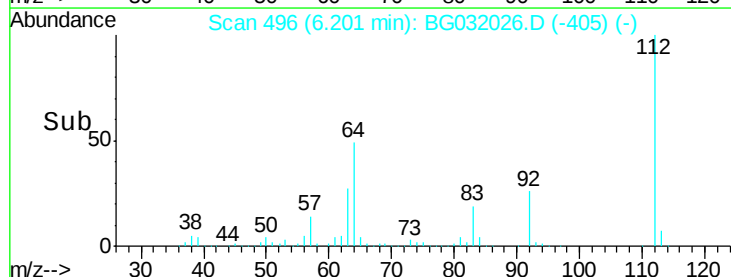
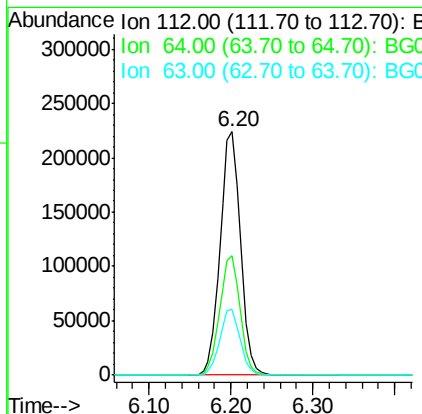
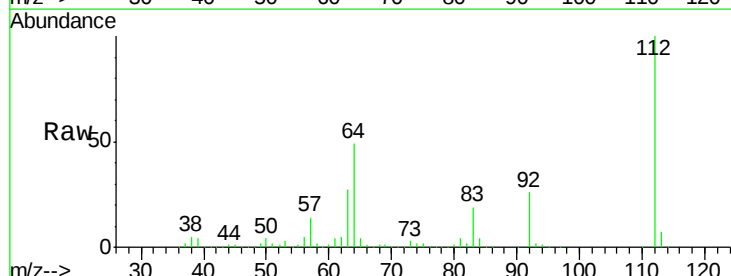
Tgt Ion:152 Resp: 56346
Ion Ratio Lower Upper
152 100
150 160.0 126.6 189.8
115 53.7 53.0 79.4

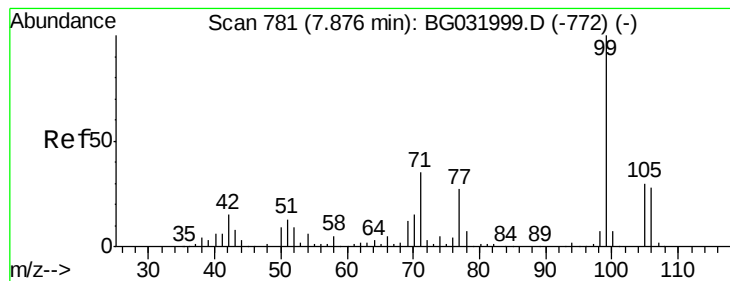


#5

2-Fluorophenol
Concen: 125.908 ng
RT: 6.20 min Scan# 496
Delta R.T. 0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Tgt Ion:112 Resp: 387898
Ion Ratio Lower Upper
112 100
64 49.0 56.3 84.5#
63 26.8 30.1 45.1#





#7

Phenol-d6

Concen: 112.154 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Instrument :

BNA_G

ClientSampleId :

OR-01-011118

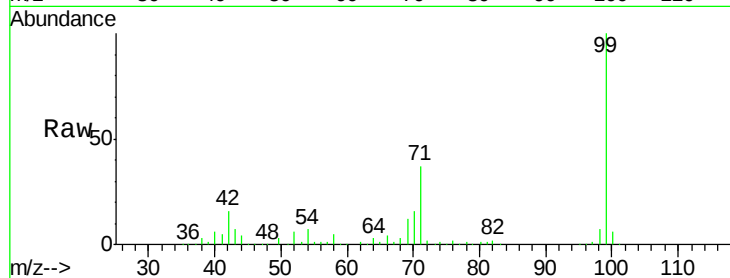
Tgt Ion: 99 Resp: 435168

Ion Ratio Lower Upper

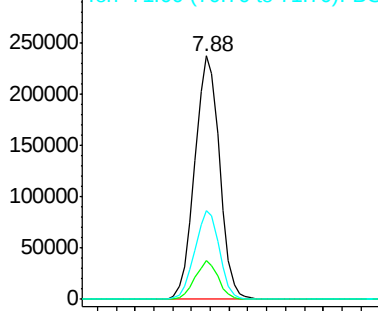
99 100

42 15.9 14.1 21.1

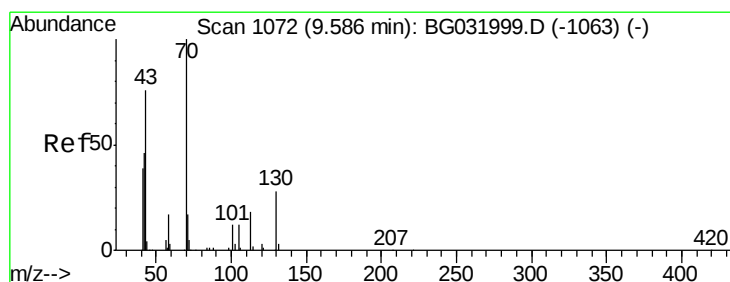
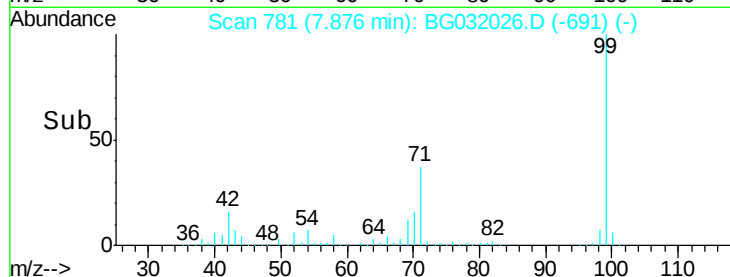
71 36.5 26.1 39.1



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 16.977 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.38 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Tgt Ion: 70 Resp: 40871

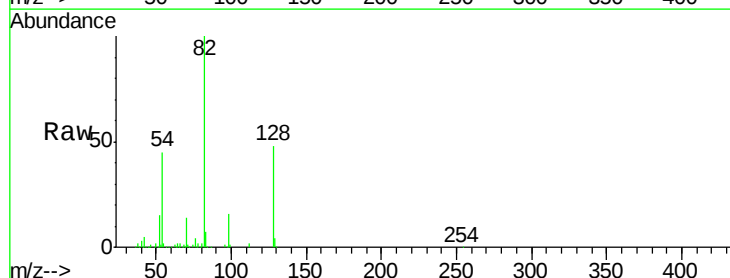
Ion Ratio Lower Upper

70 100

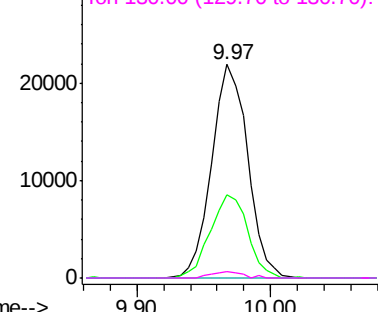
42 38.9 49.1 73.7#

101 0.0 8.5 12.7#

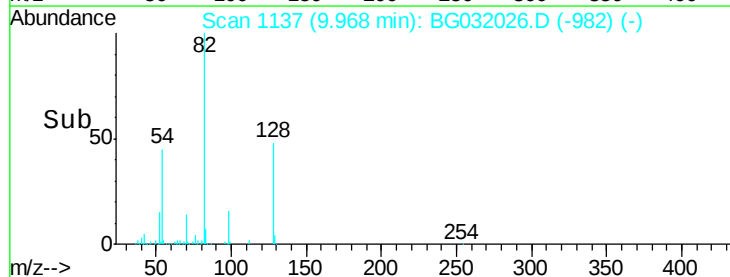
130 2.9 13.4 20.0#

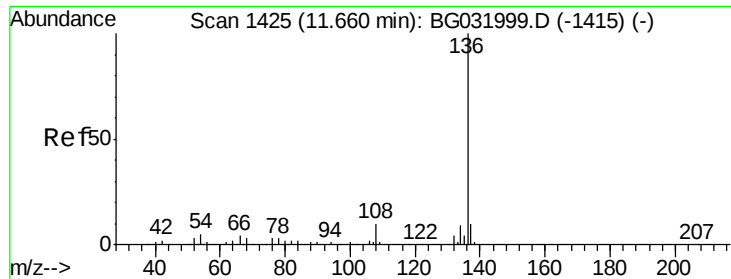


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

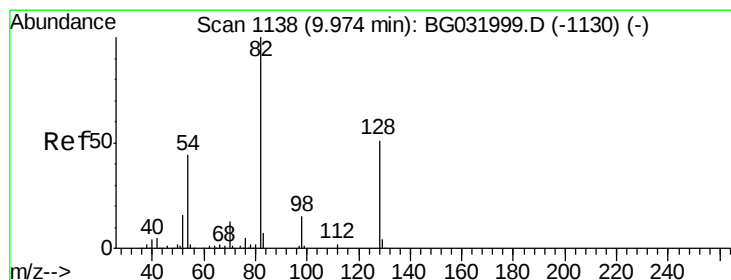
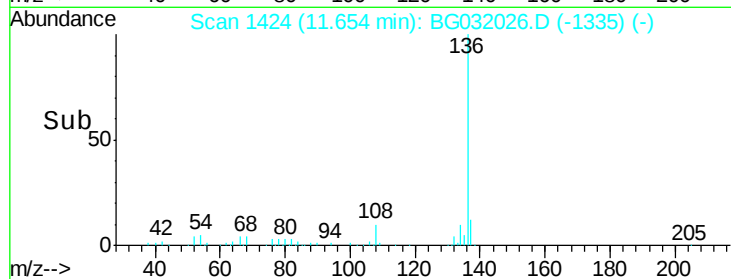
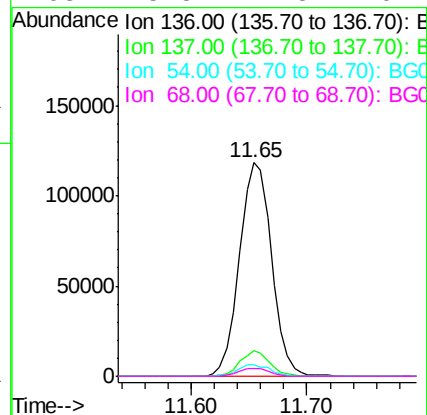
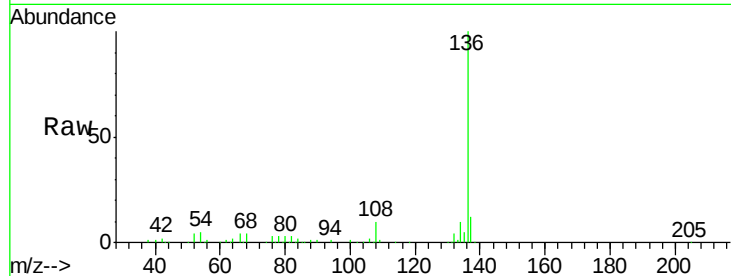




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

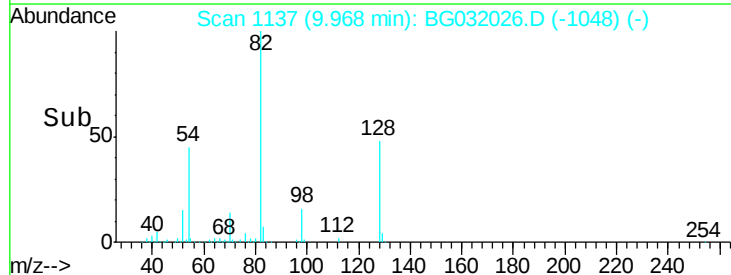
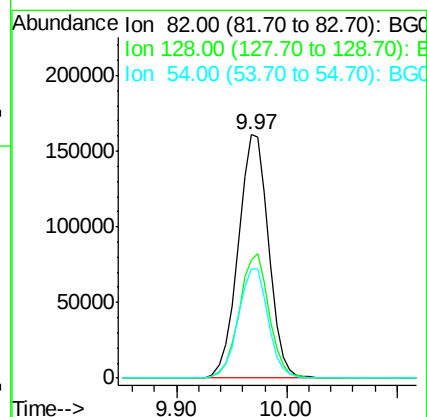
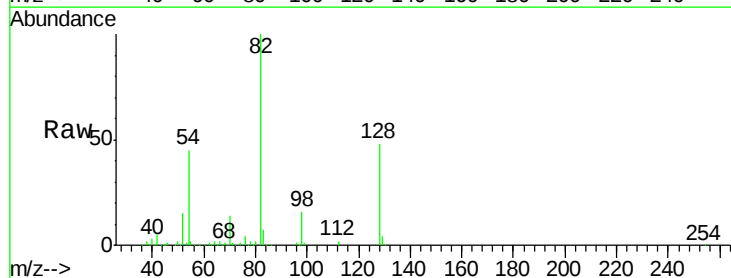
Instrument :
BNA_G
ClientSampleId :
OR-01-011118

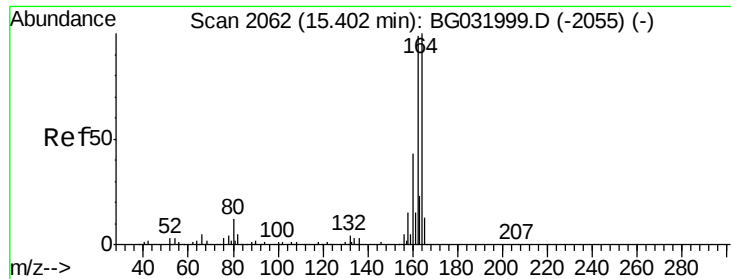
Tgt Ion:136 Resp: 228268
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 5.4 10.3 15.5#
68 3.8 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 92.208 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Tgt Ion: 82 Resp: 311112
Ion Ratio Lower Upper
82 100
128 48.3 29.7 44.5#
54 44.8 43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Instrument :

BNA_G

ClientSampleId :

OR-01-011118

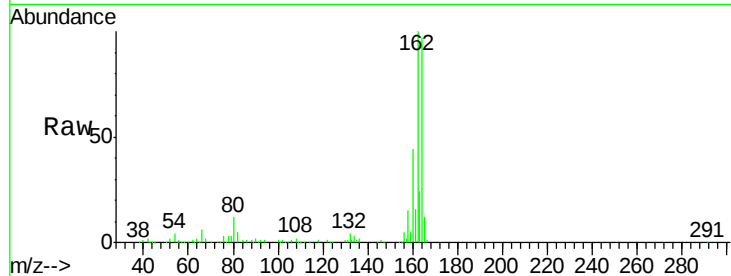
Tgt Ion:164 Resp: 153995

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

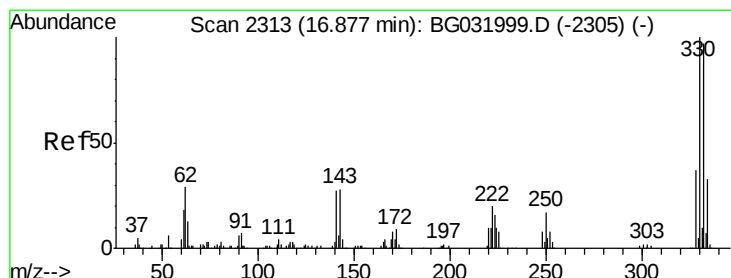
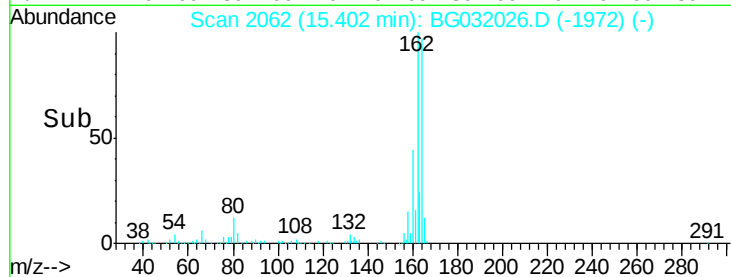
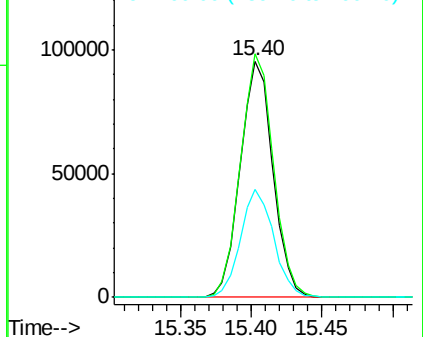
160 45.7 35.4 53.0



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: 141.680 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

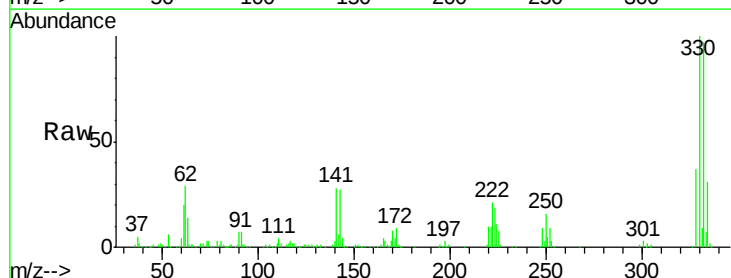
Tgt Ion:330 Resp: 361038

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

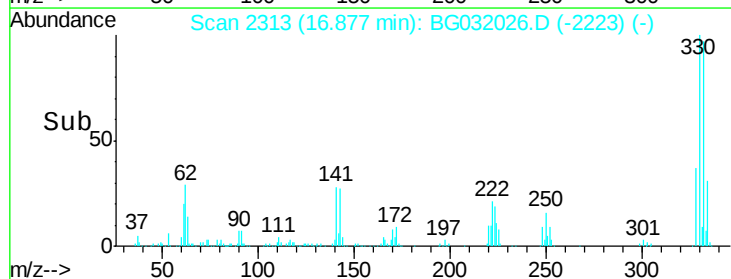
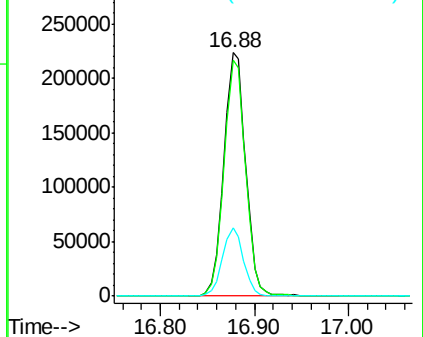
141 27.0 25.2 37.8



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

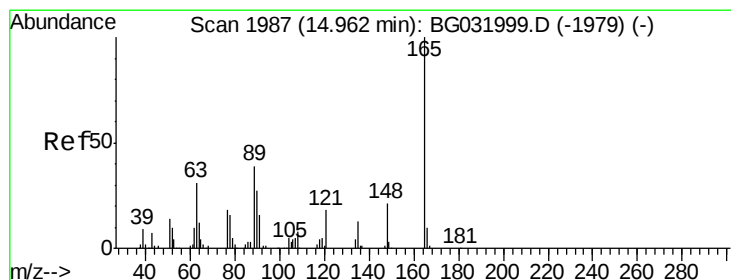
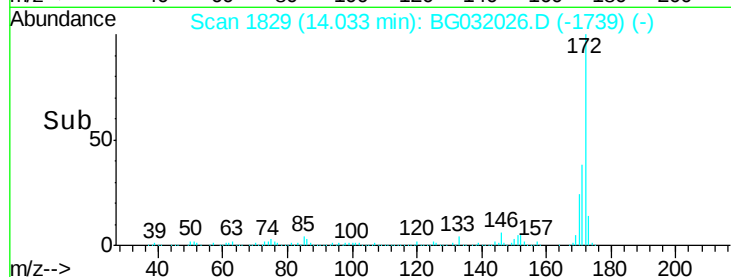
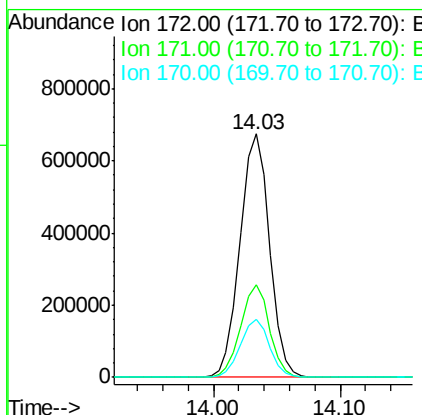
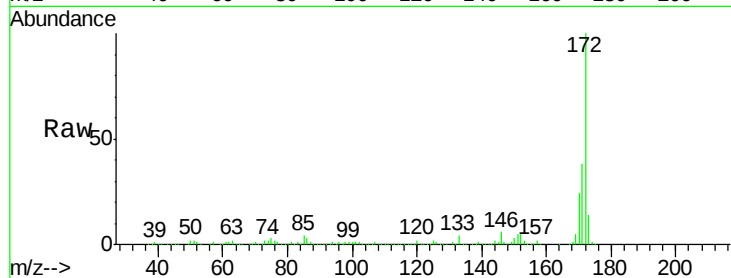




#44
 2-Fluorobiphenyl
 Concen: 87.715 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG032026.D
 Acq: 13 Jan 2018 6:25

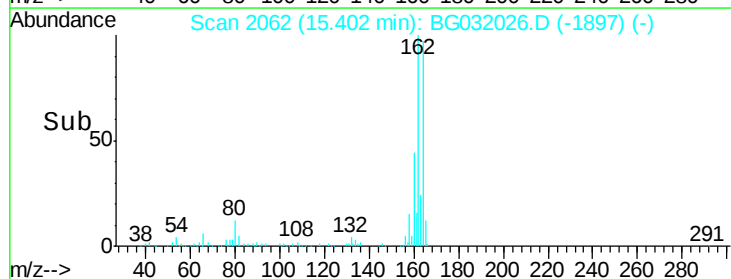
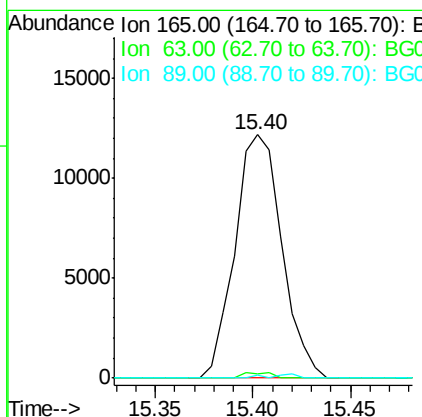
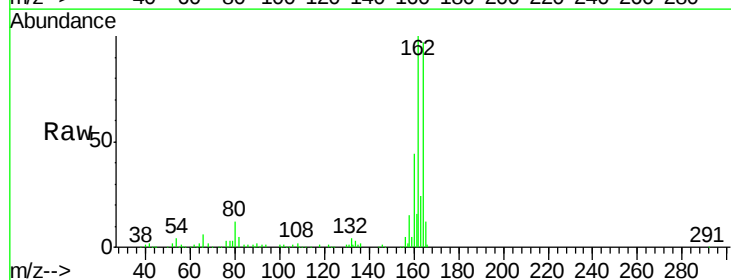
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-011118

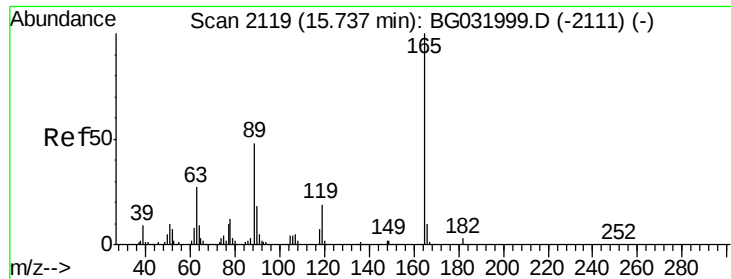
Tgt Ion:172 Resp: 1089373
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.241 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.44 min
 Lab File: BG032026.D
 Acq: 13 Jan 2018 6:25

Tgt Ion:165 Resp: 20255
 Ion Ratio Lower Upper
 165 100
 63 1.7 52.7 79.1#
 89 1.3 49.2 73.8#

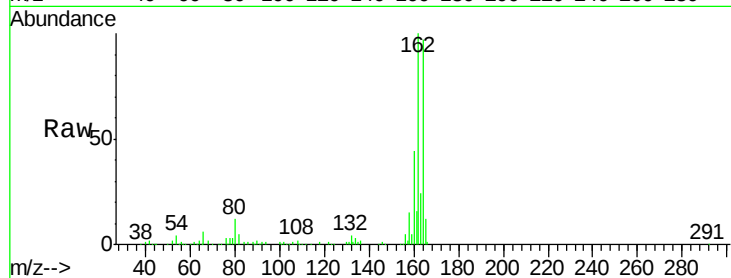




#56
2,4-Dinitrotoluene
Concen: 5.379 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.33 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

Instrument :
BNA_G
ClientSampleId :
OR-01-011118

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#

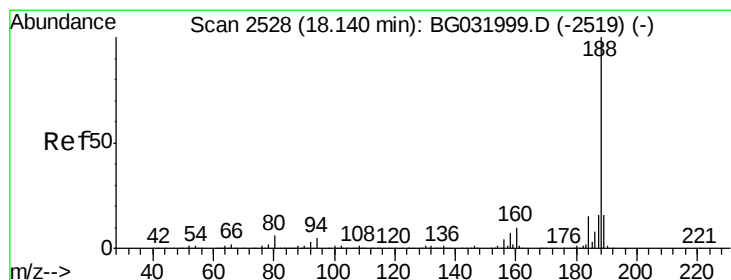
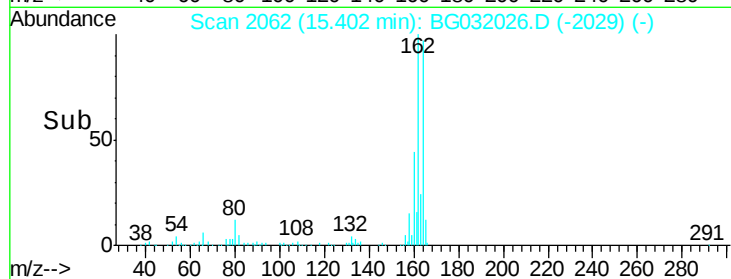
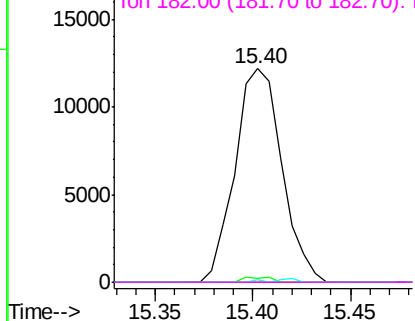


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

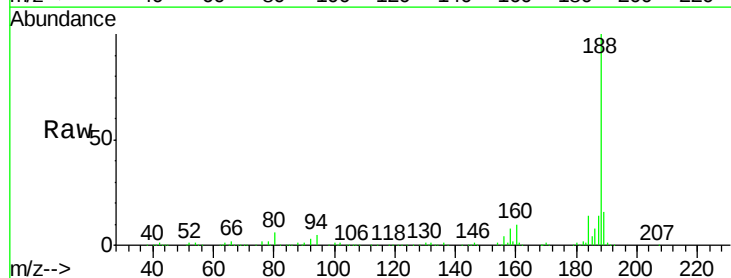
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032026.D
Acq: 13 Jan 2018 6:25

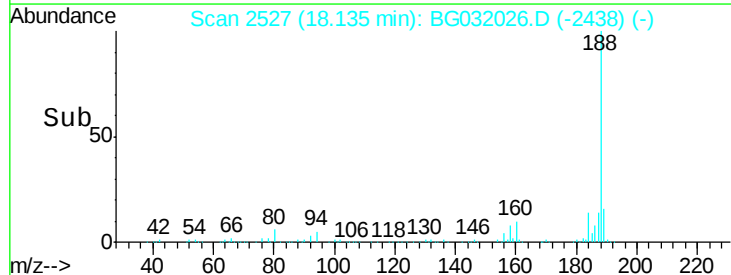
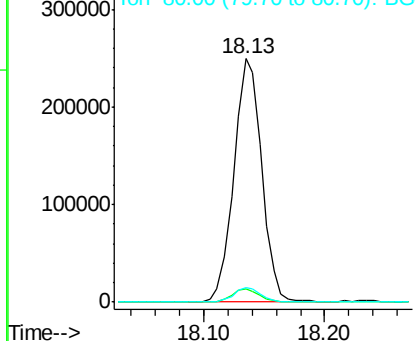
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.0	7.7	11.5#

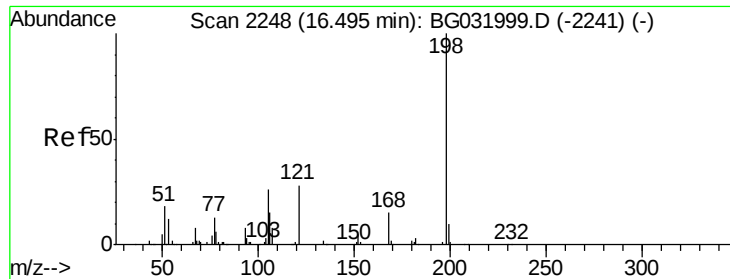


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

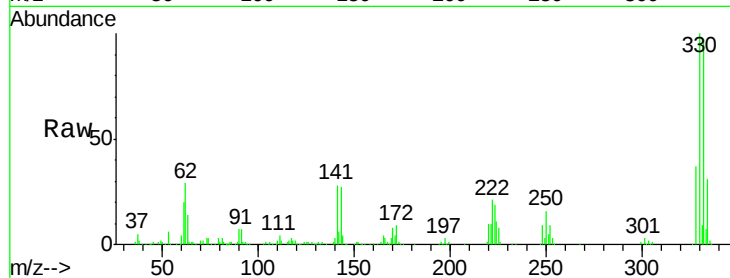




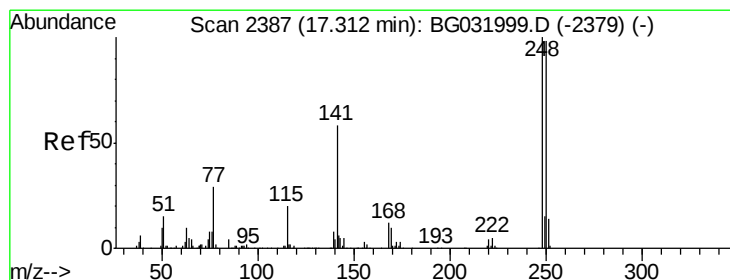
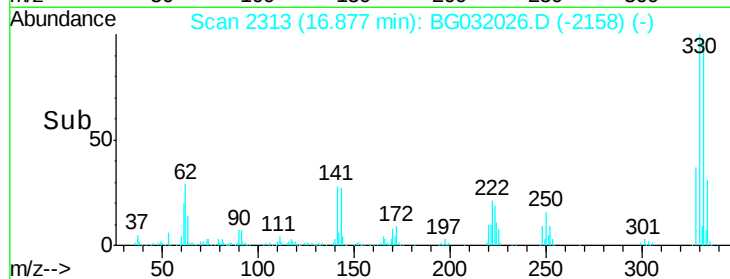
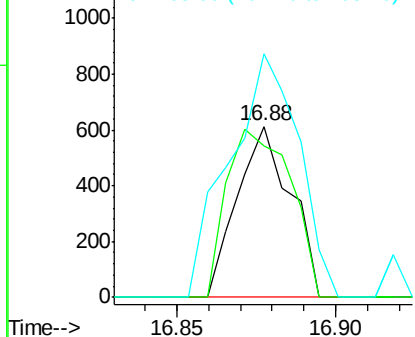
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.135 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.38 min
 Lab File: BG032026.D
 Acq: 13 Jan 2018 6:25

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-011118

Tgt Ion:198 Resp: 714
 Ion Ratio Lower Upper
 198 100
 51 88.9 30.6 70.6#
 105 142.4 23.8 63.8#

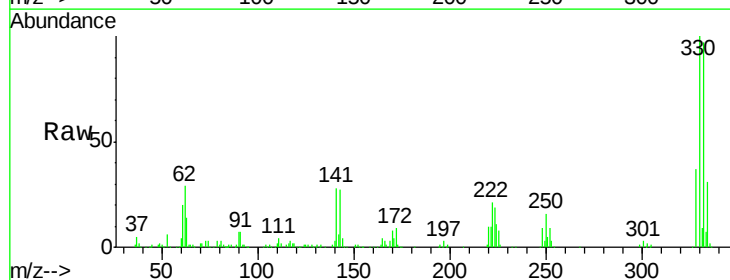


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

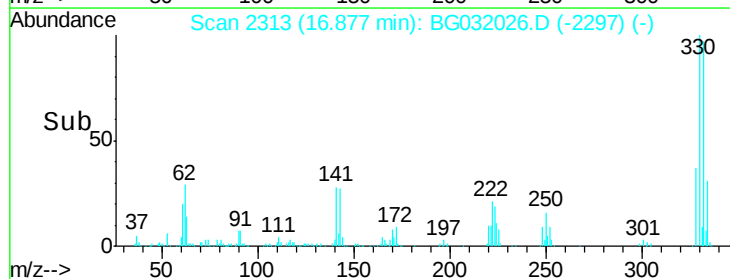
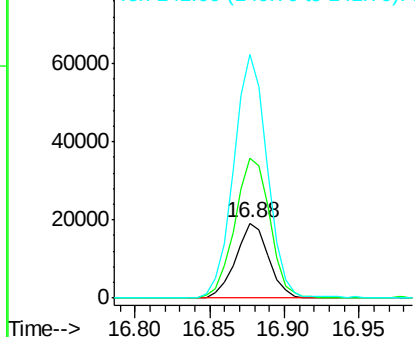


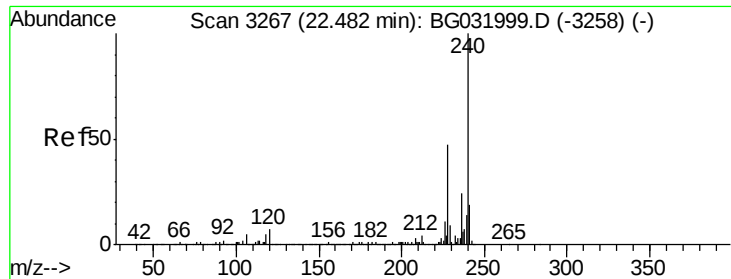
#66
 4-Bromophenyl-phenylether
 Concen: 5.148 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.43 min
 Lab File: BG032026.D
 Acq: 13 Jan 2018 6:25

Tgt Ion:248 Resp: 29340
 Ion Ratio Lower Upper
 248 100
 250 187.0 77.1 115.7#
 141 325.8 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: 22.48 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Instrument :

BNA_G

ClientSampleId :

OR-01-011118

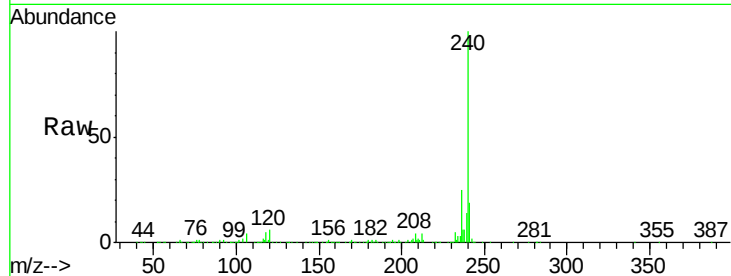
Tgt Ion:240 Resp: 473632

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

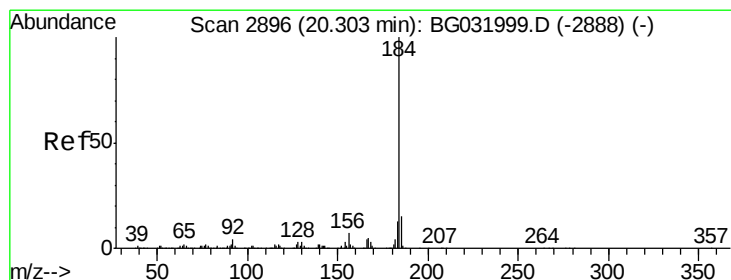
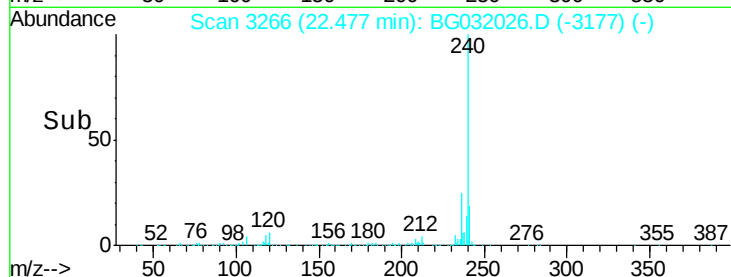
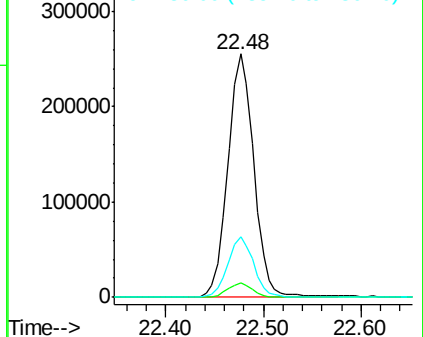
236 25.1 20.9 31.3



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: 16.435 ng

RT: 20.30 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

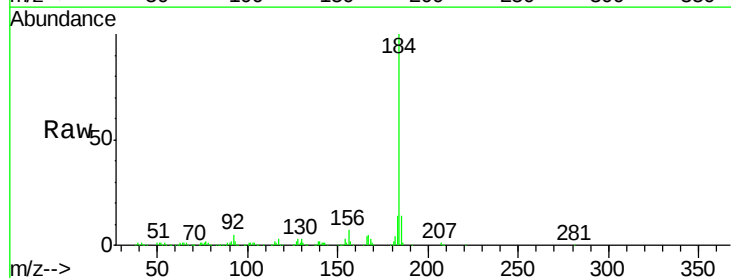
Tgt Ion:184 Resp: 194649

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

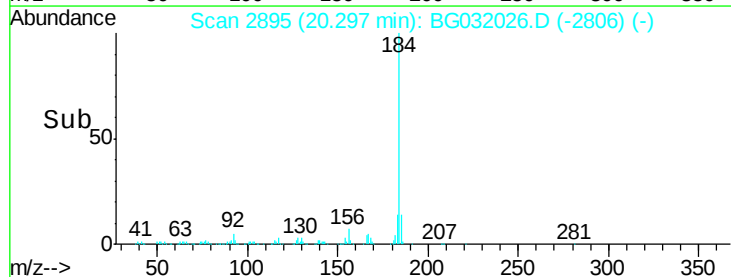
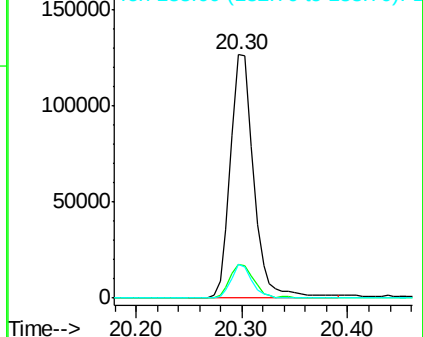
183 13.7 10.6 16.0

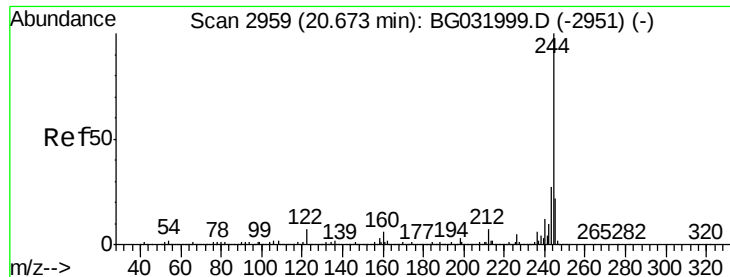


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 95.379 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.00 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

Instrument :

BNA_G

ClientSampleId :

OR-01-011118

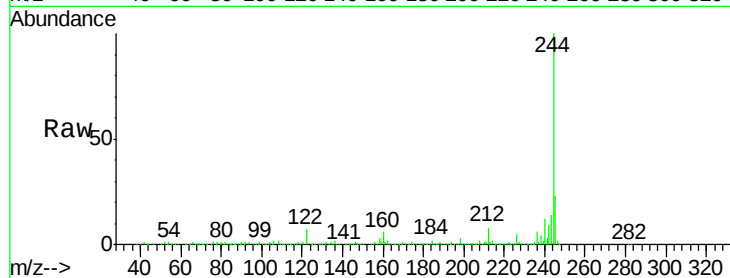
Tgt Ion:244 Resp: 2045898

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

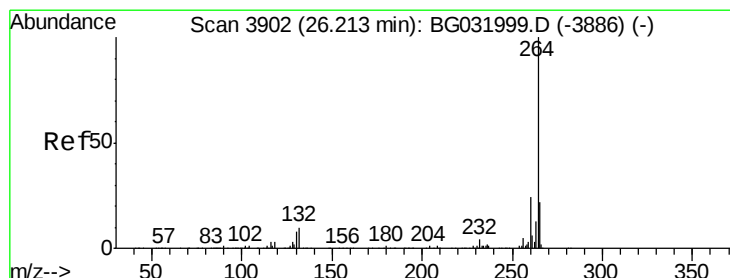
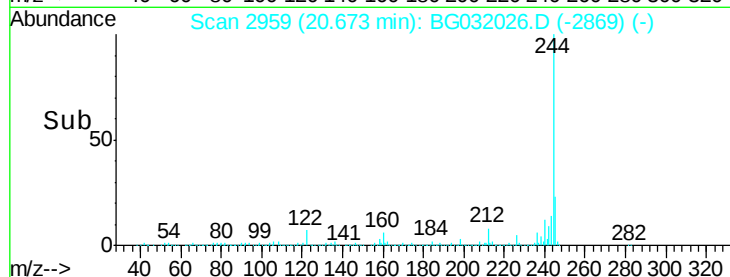
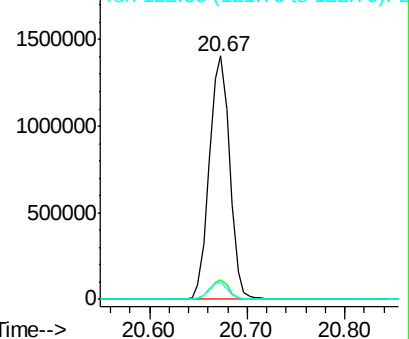
122 6.9 7.0 10.4#



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: 26.20 min Scan# 3900

Delta R.T. -0.01 min

Lab File: BG032026.D

Acq: 13 Jan 2018 6:25

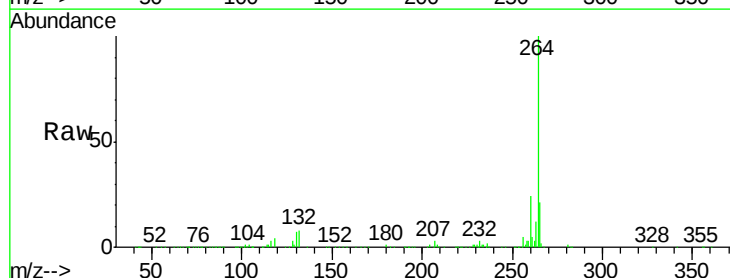
Tgt Ion:264 Resp: 490201

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 20.8 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

