

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031887.D
 Acq On : 3 Jan 2018 12:51
 Operator : SJ/JU
 Sample : I7106-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 14:00:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

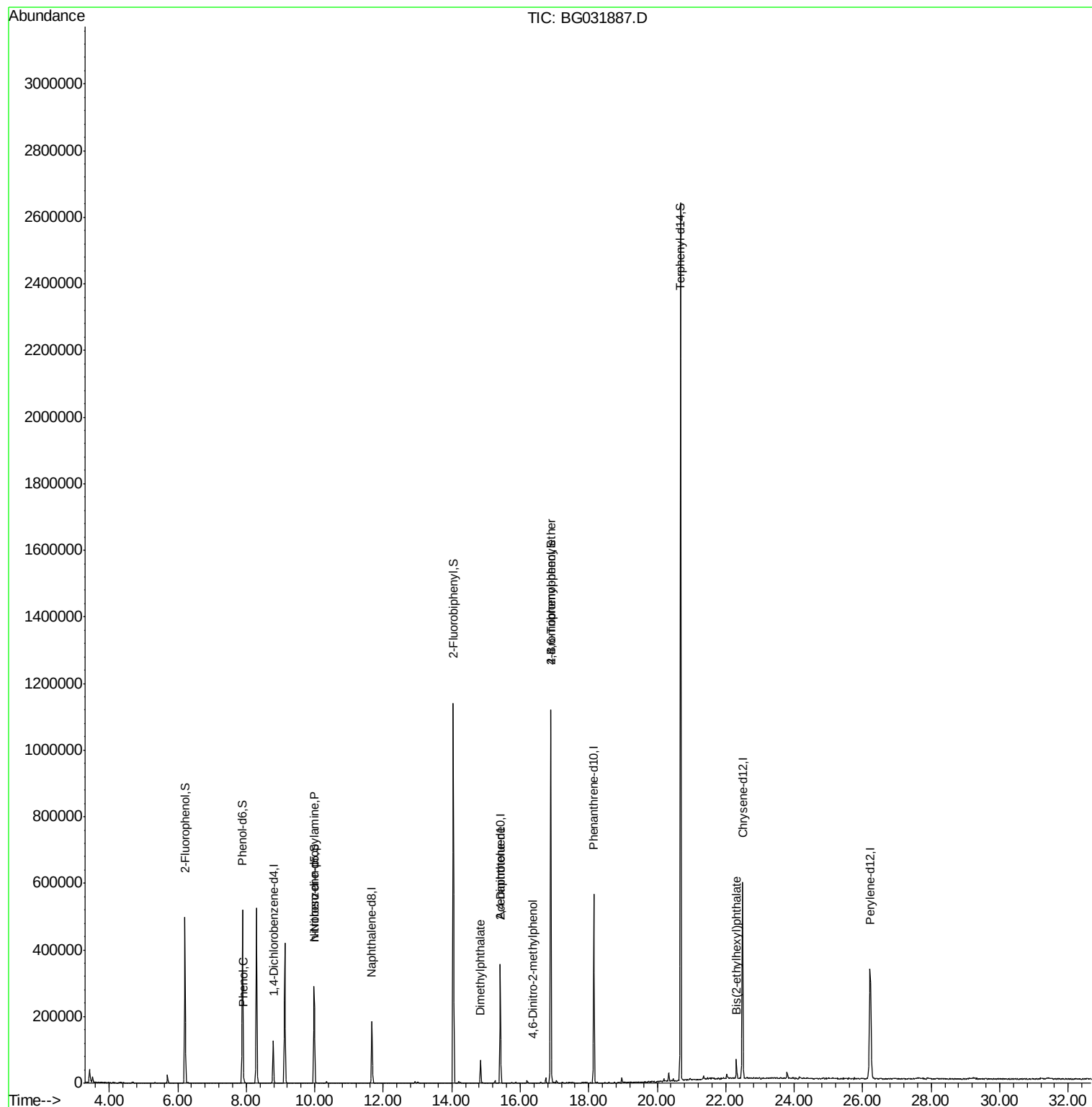
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	43737	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	187555	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	137800	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	387495	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	448740	20.00	ng	-0.02
86) Perylene-d12	26.22	264	464101	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	277718	115.65	ng	0.00
7) Phenol-d6	7.89	99	363303	116.53	ng	0.00
23) Nitrobenzene-d5	9.98	82	192815	77.63	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	269563	128.20	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	700261	63.78	ng	0.00
78) Terphenyl-d14	20.68	244	1384188	70.47	ng	-0.01
Target Compounds						
10) Phenol	7.92	94	16629	5.283	ng	90
19) n-Nitroso-di-n-propylamine	9.99	70	25165	11.819	ng	# 68
49) Dimethylphthalate	14.84	163	54628	4.500	ng	# 97
56) 2,4-Dinitrotoluene	15.41	165	18342	6.387	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.37	198	60	8.332	ng	# 29
66) 4-Bromophenyl-phenylether	16.89	248	21599	3.855	ng	# 1
83) Bis(2-ethylhexyl)phthalate	22.31	149	33849	2.428	ng	91

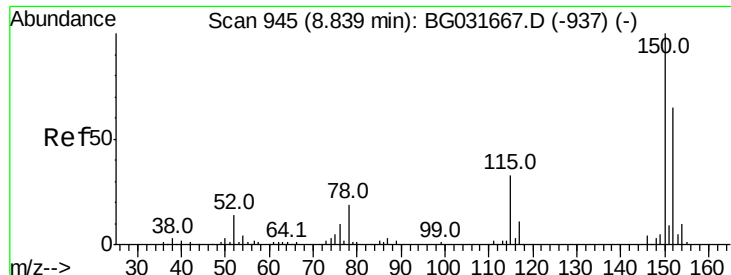
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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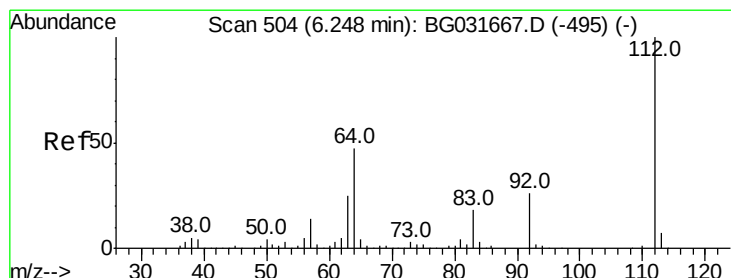
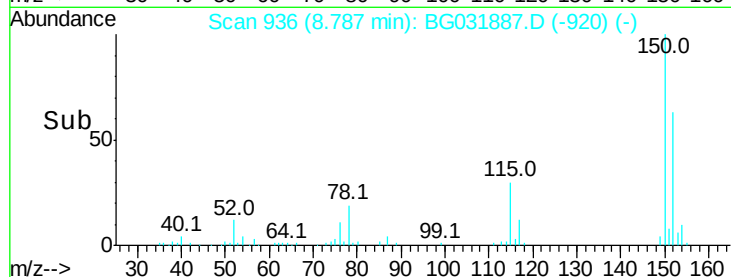
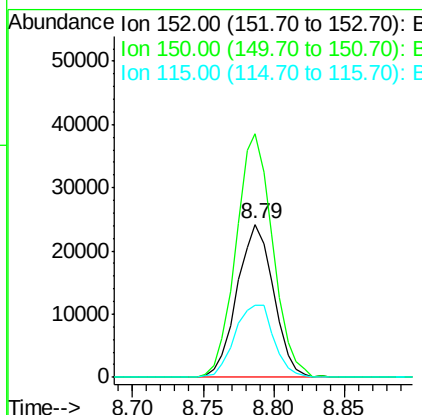
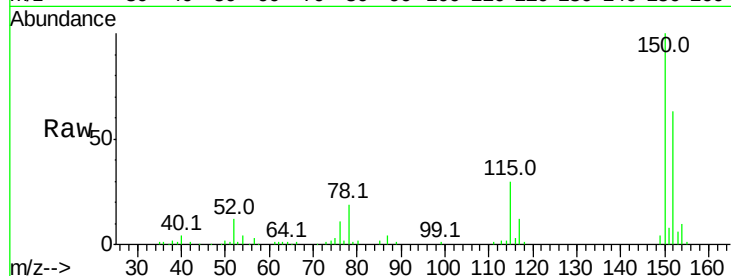


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Instrument :
 BNA_G
 ClientSampled :

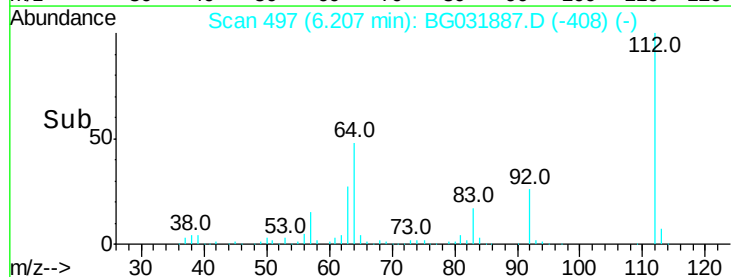
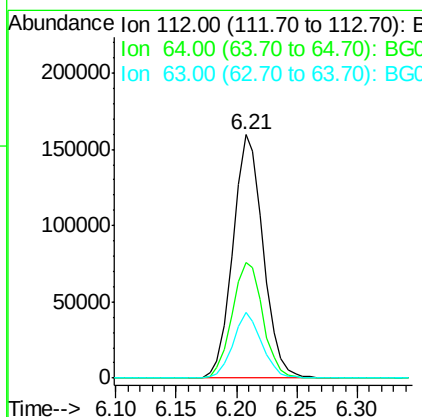
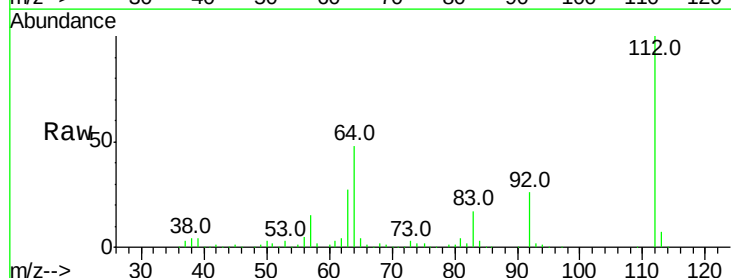
Tot Ion:152 Resp: 43737
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.6 189.8
 115 47.1 53.0 79.4#

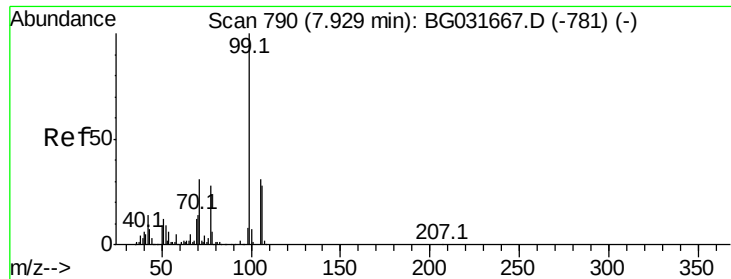


#5

2-Fluorophenol
 Concen: 115.653 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Tgt Ion:112 Resp: 277718
 Ion Ratio Lower Upper
 112 100
 64 47.7 56.3 84.5#
 63 26.8 30.1 45.1#





#7

Phenol-d6

Concen: 116.530 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

Instrument :

BNA_G

ClientSampled :

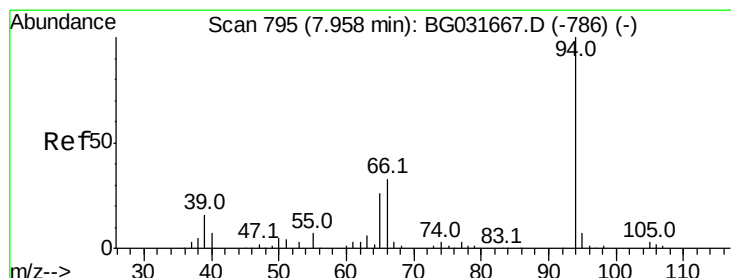
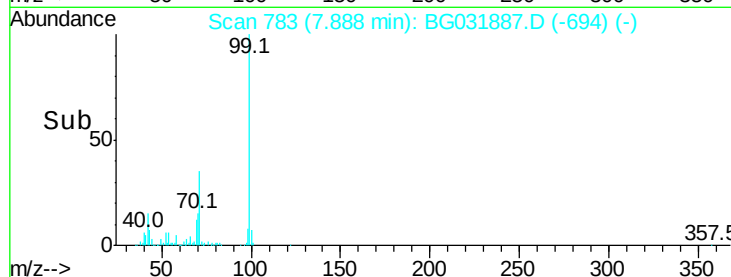
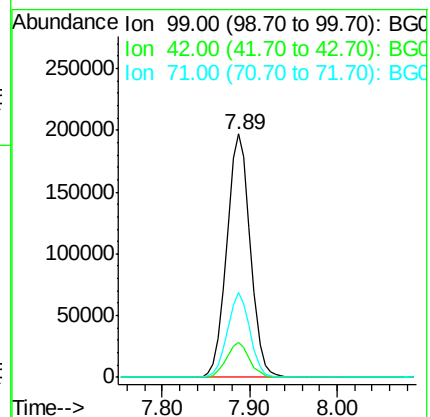
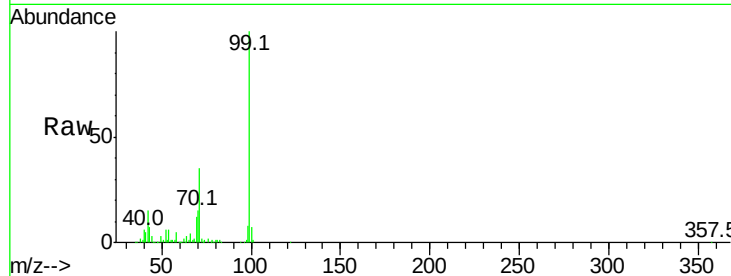
Tot Ion: 99 Resp: 363303

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 35.0 26.1 39.1



#10

Phenol

Concen: 5.283 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

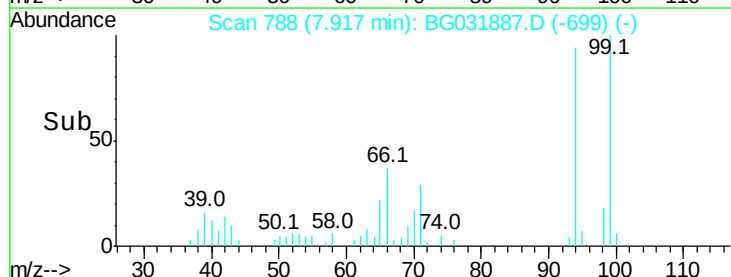
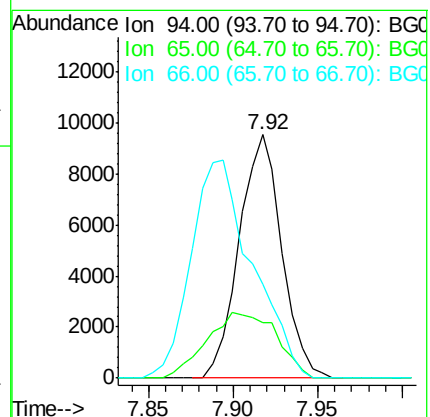
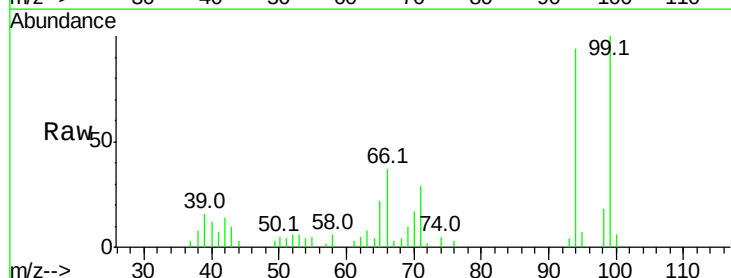
Tgt Ion: 94 Resp: 16629

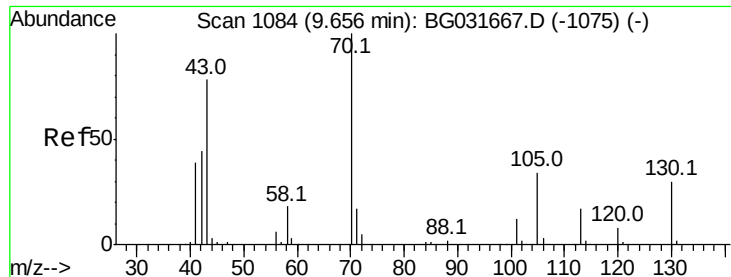
Ion Ratio Lower Upper

94 100

65 23.0 11.9 51.9

66 38.7 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 11.819 ng

RT: 9.99 min Scan# 1140

Delta R.T. 0.38 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 25165

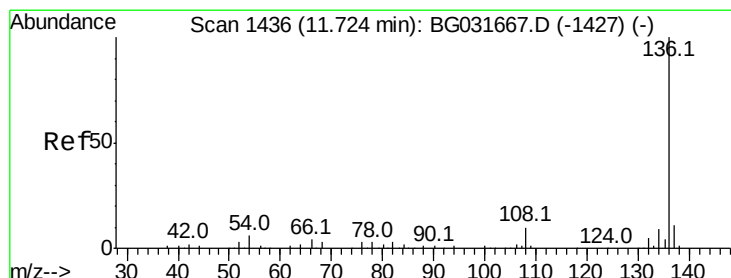
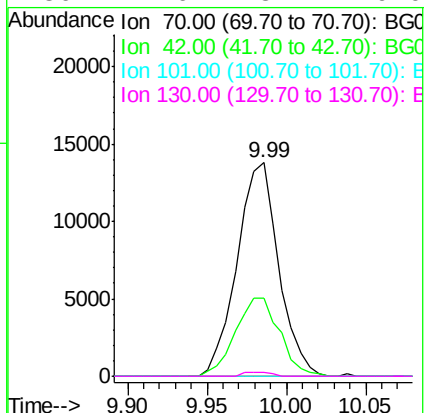
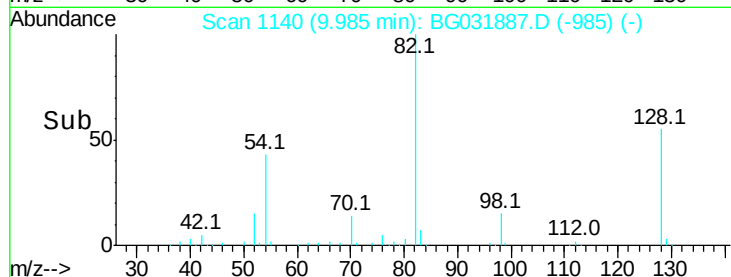
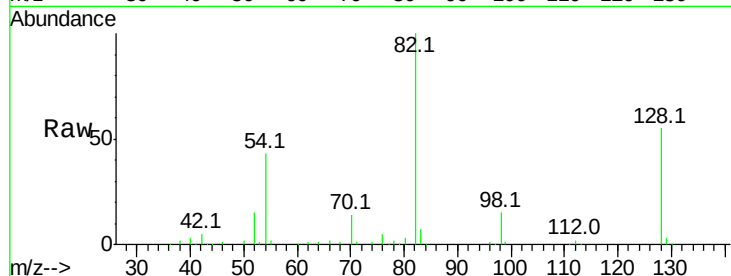
Ion Ratio Lower Upper

70 100

42 36.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

Tgt Ion:136 Resp: 187555

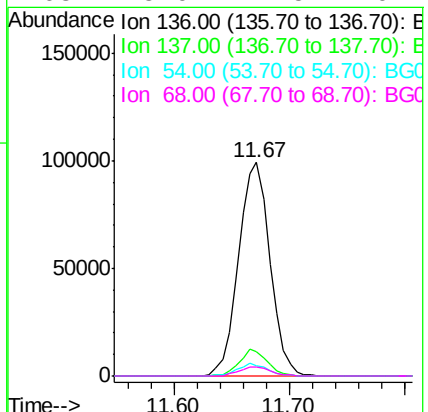
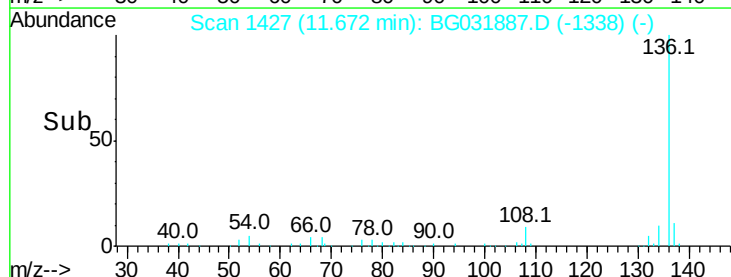
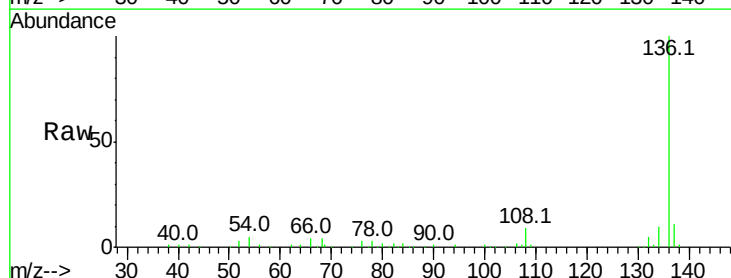
Ion Ratio Lower Upper

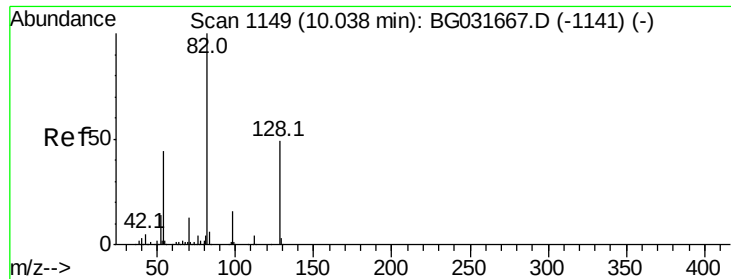
136 100

137 11.4 9.2 13.8

54 4.8 10.3 15.5#

68 5.0 4.5 6.7

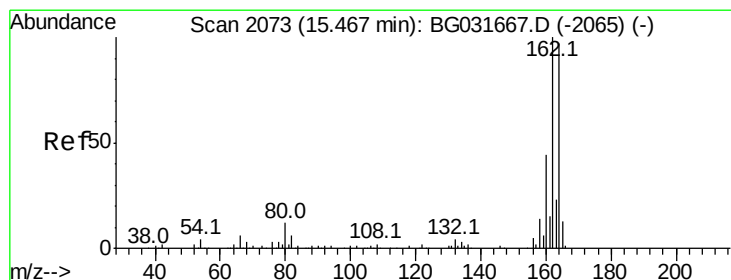
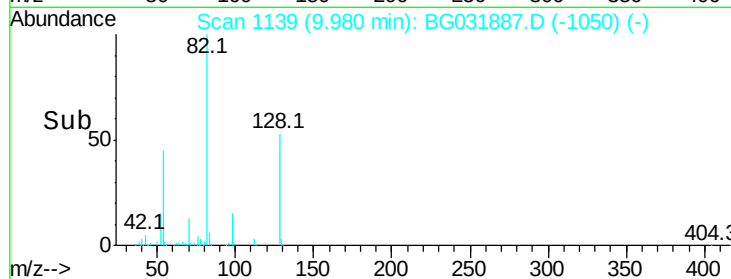
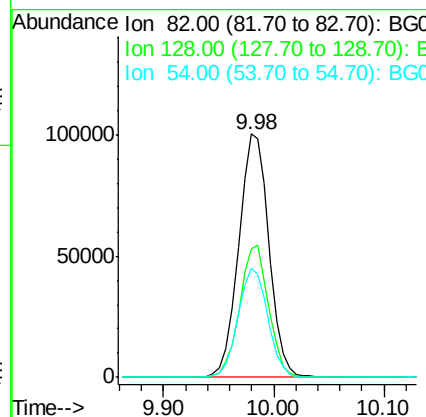
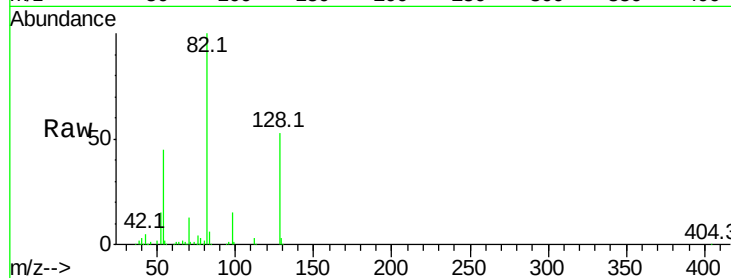




#23
 Nitrobenzene-d5
 Concen: 77.630 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

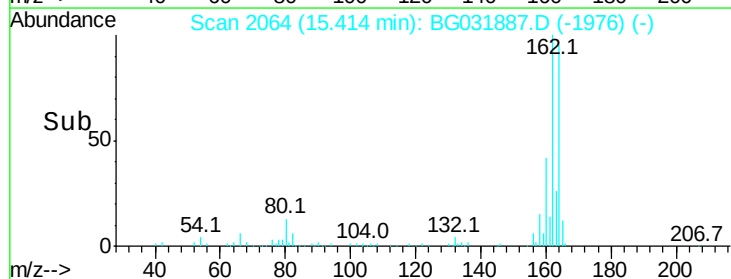
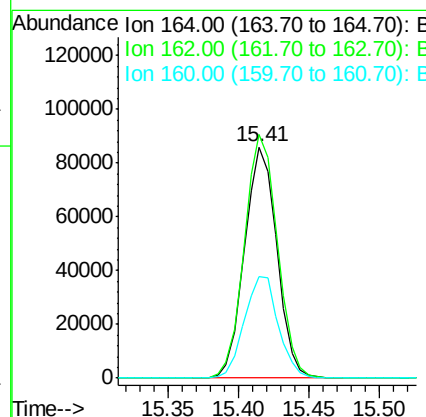
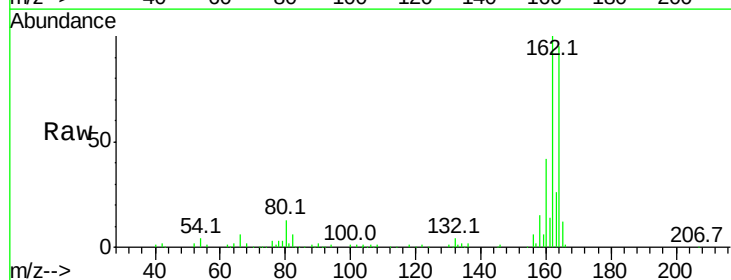
Instrument :
 BNA_G
 ClientSampleId :

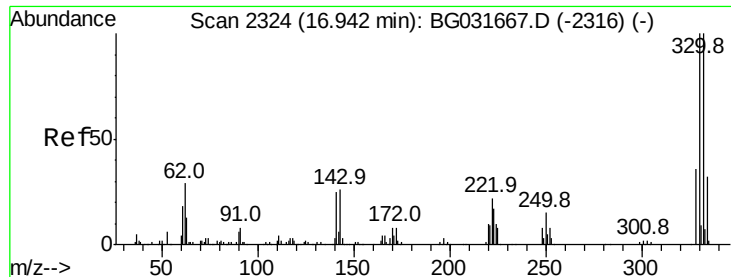
Tot Ion: 82 Resp: 192815
 Ion Ratio Lower Upper
 82 100
 128 52.8 29.7 44.5#
 54 44.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Tgt Ion:164 Resp: 137800
 Ion Ratio Lower Upper
 164 100
 162 105.5 78.8 118.2
 160 43.8 35.4 53.0

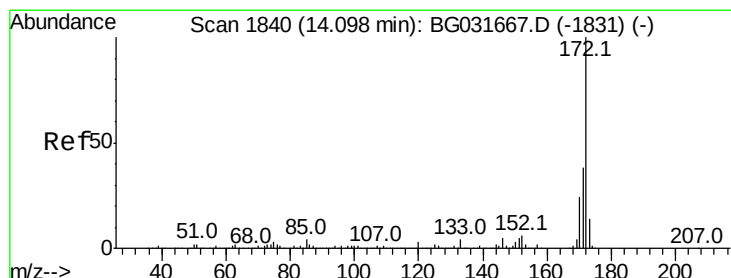
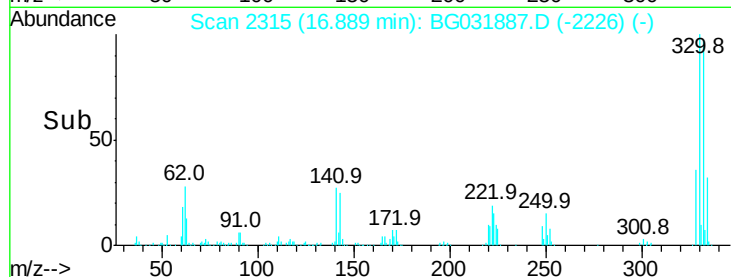
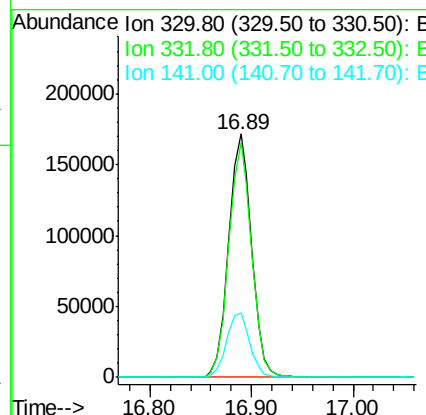
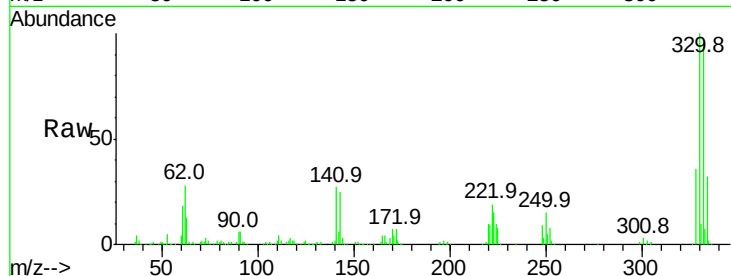




#41
 2,4,6-Tribromophenol
 Concen: 128.202 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

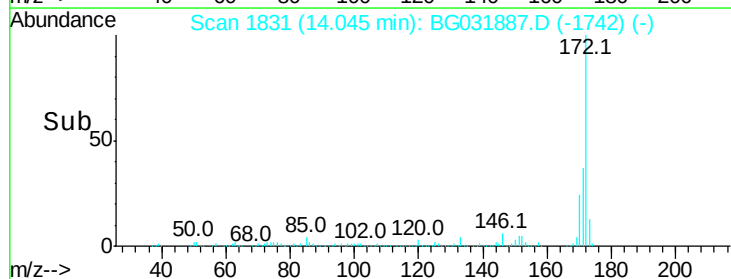
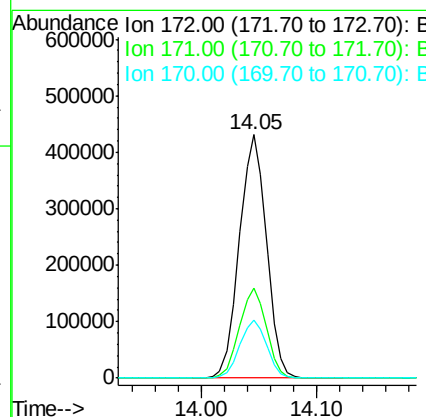
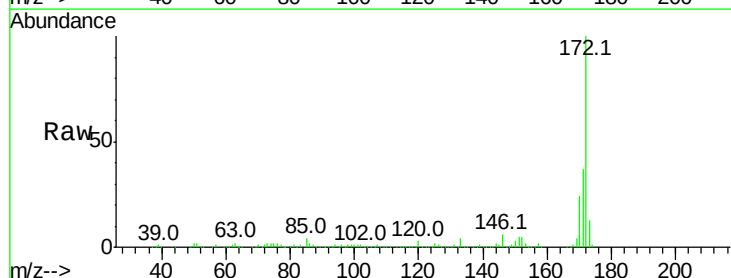
Instrument :
 BNA_G
 ClientSampleId :

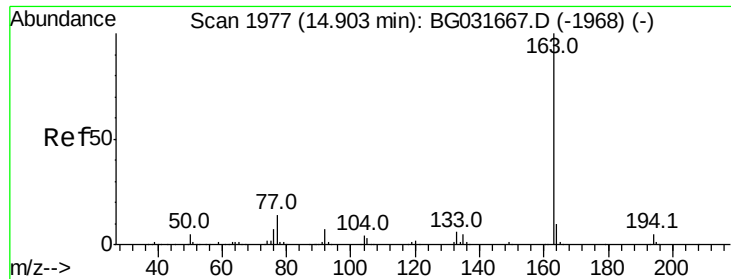
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	26.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 63.782 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.0	19.5	29.3

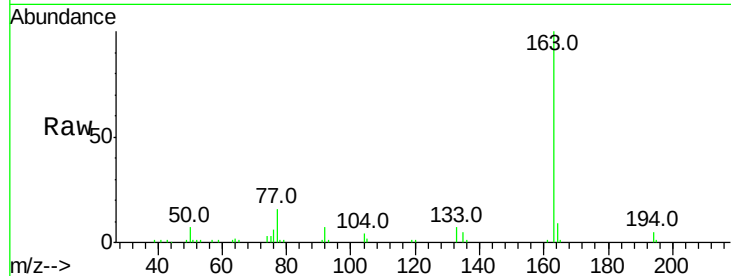




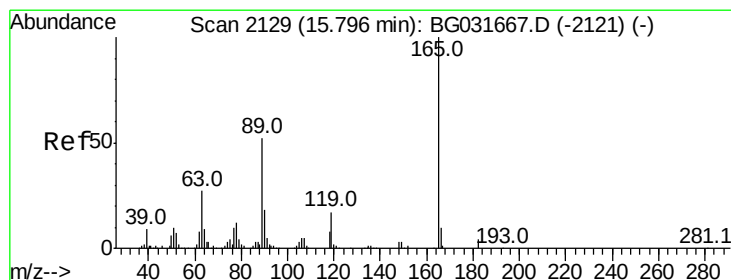
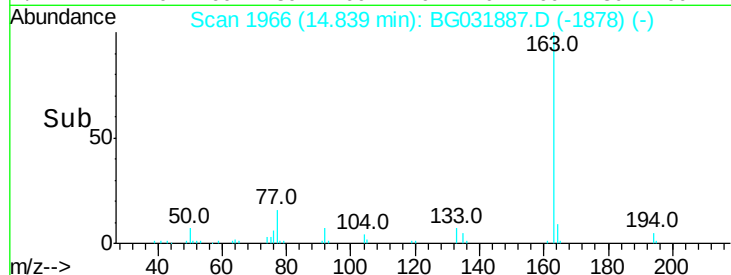
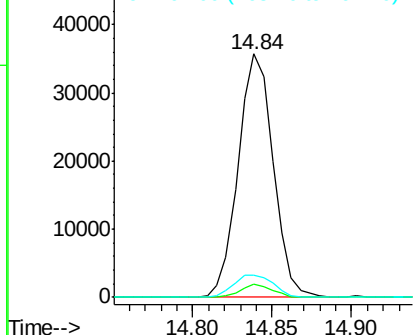
#49
Dimethylphthalate
Concen: 4.500 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 54628
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 9.4 8.2 12.4

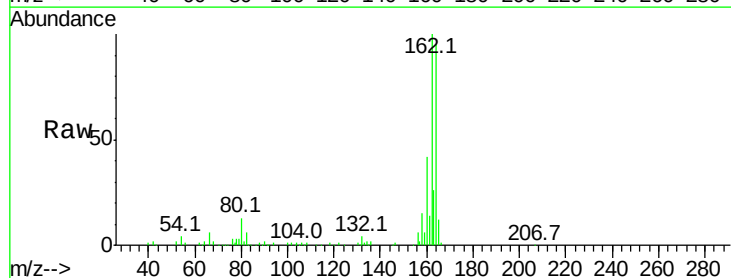


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

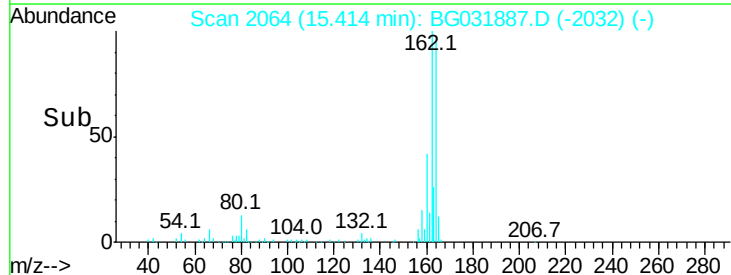
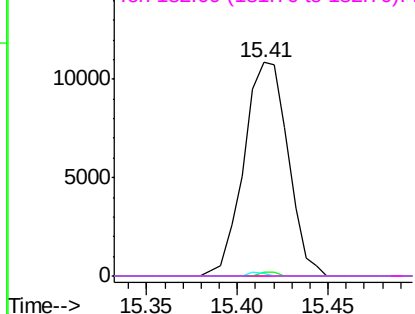


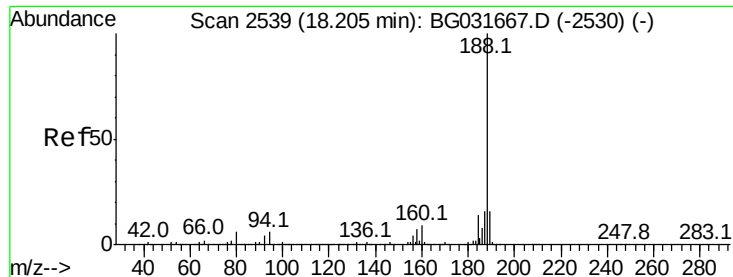
#56
2,4-Dinitrotoluene
Concen: 6.387 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031887.D
Acq: 3 Jan 2018 12:51

Tgt Ion:165 Resp: 18342
Ion Ratio Lower Upper
165 100
63 1.9 42.0 63.0#
89 1.4 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: 18.15 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

Instrument :

BNA_G

ClientSampleId :

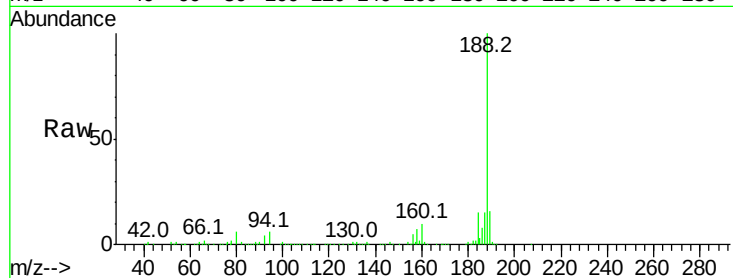
Tot Ion:188 Resp: 387495

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

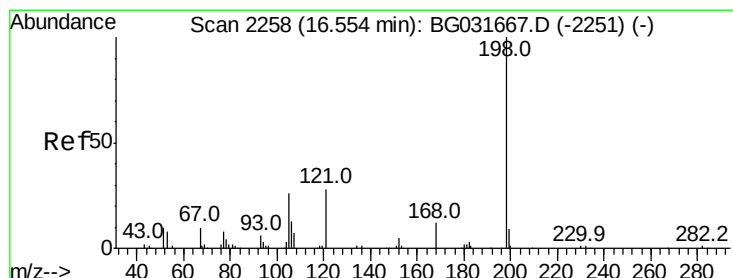
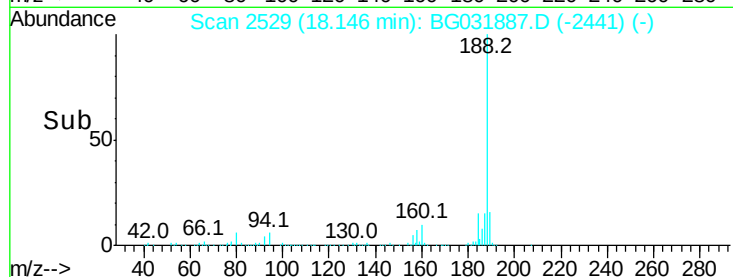
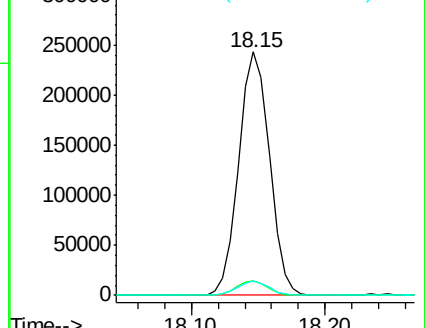
80 5.9 7.7 11.5#



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: 8.332 ng

RT: 16.37 min Scan# 2227

Delta R.T. -0.14 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

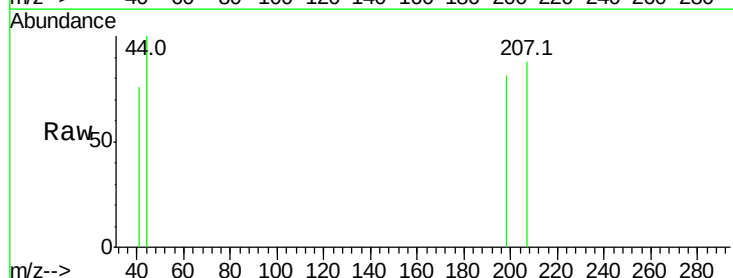
Tgt Ion:198 Resp: 60

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

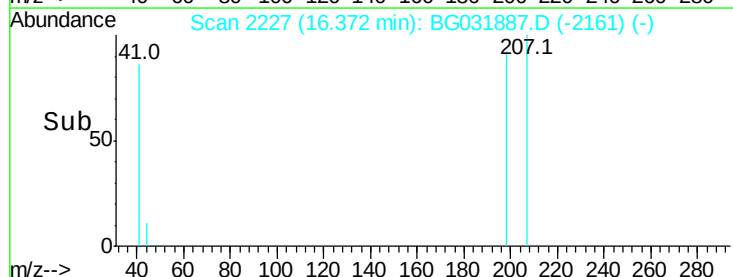
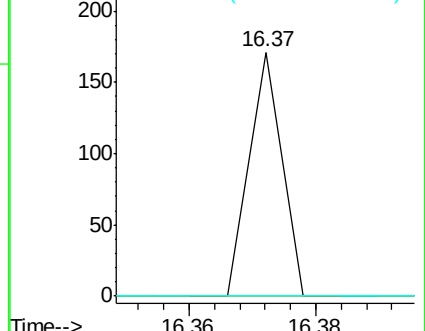
105 0.0 23.8 63.8#

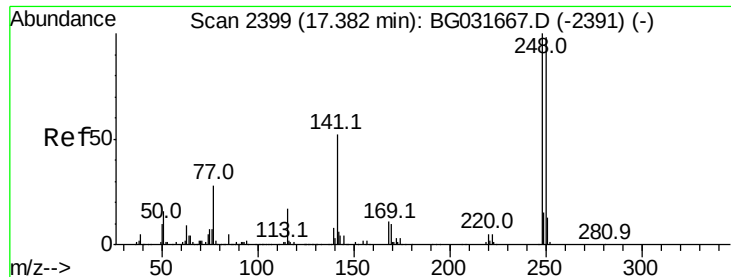


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

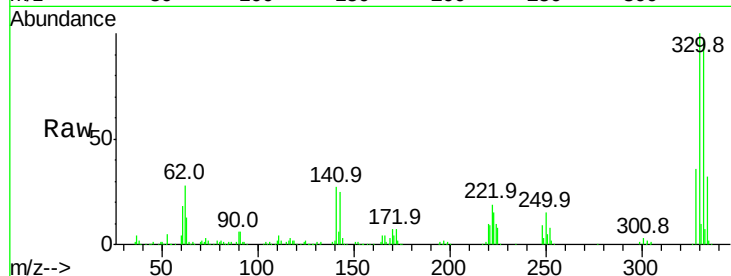




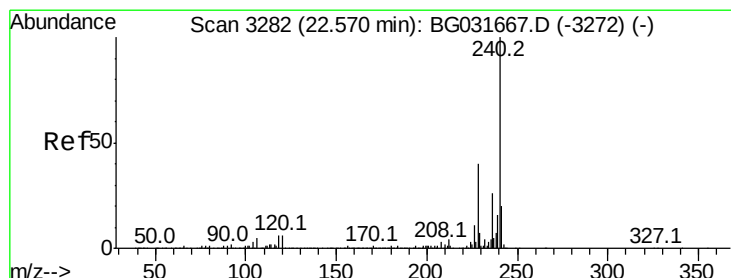
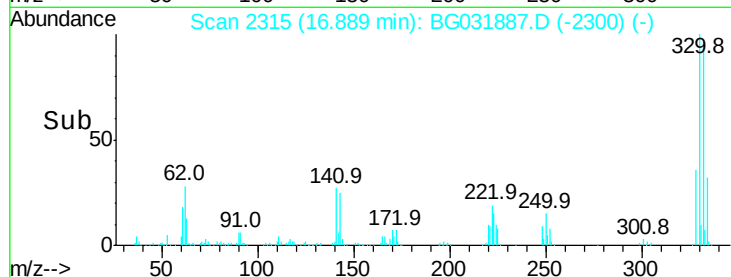
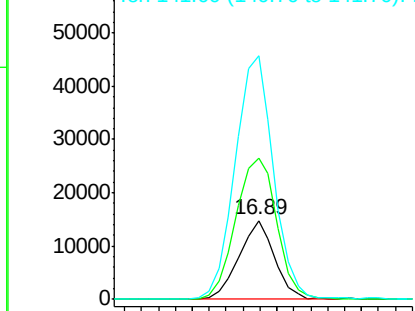
#66
 4-Bromophenyl-phenylether
 Concen: 3.855 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 21599
 Ion Ratio Lower Upper
 248 100
 250 180.5 77.1 115.7#
 141 310.1 50.8 76.2#

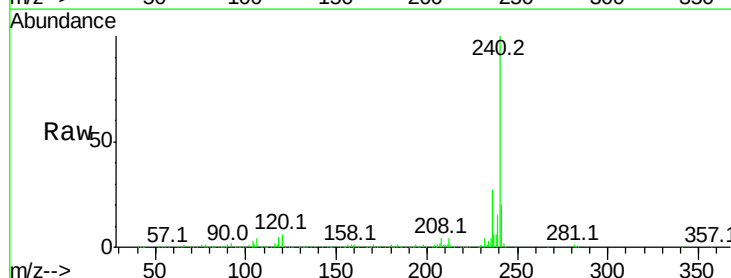


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

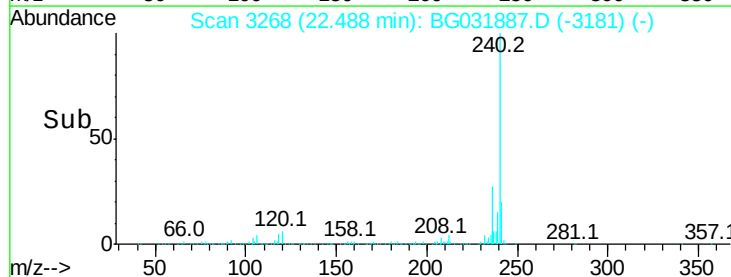
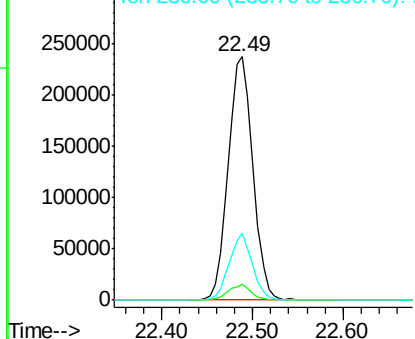


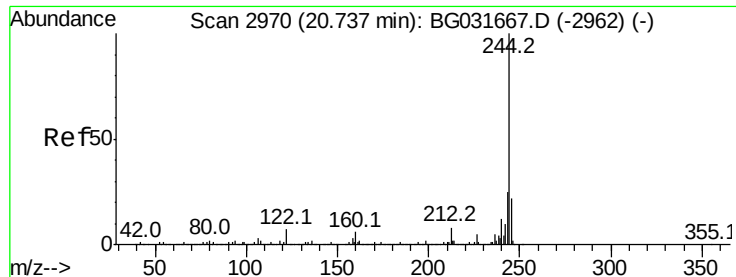
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Tgt Ion:240 Resp: 448740
 Ion Ratio Lower Upper
 240 100
 120 6.3 6.8 10.2#
 236 27.3 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: 70.473 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

Instrument :

BNA_G

ClientSampled :

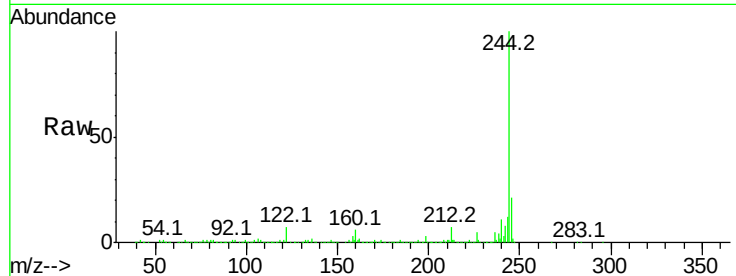
Tot Ion:244 Resp: 1384188

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

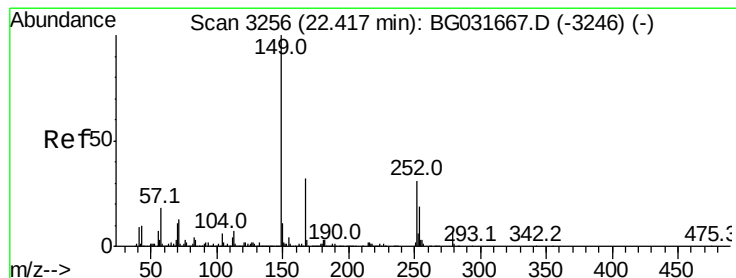
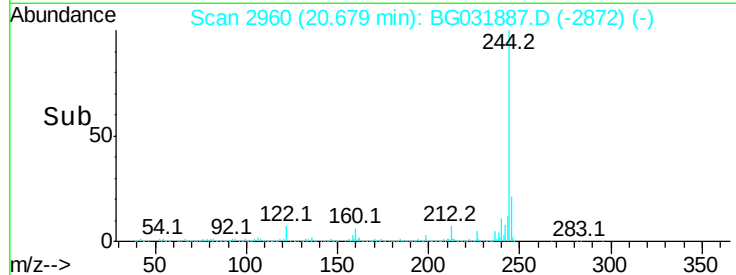
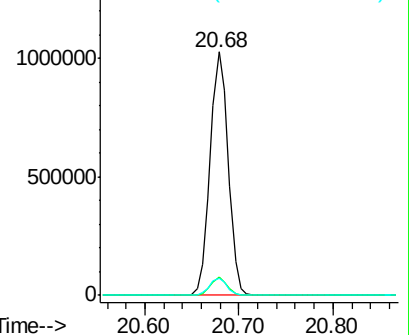
122 6.9 7.0 10.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.428 ng

RT: 22.31 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG031887.D

Acq: 3 Jan 2018 12:51

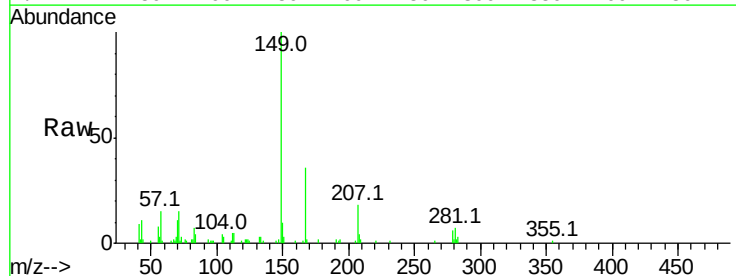
Tgt Ion:149 Resp: 33849

Ion Ratio Lower Upper

149 100

167 35.8 24.3 36.5

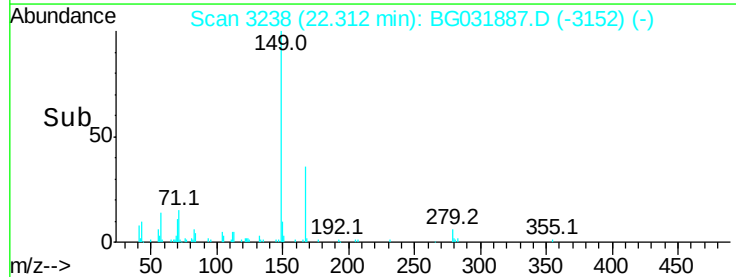
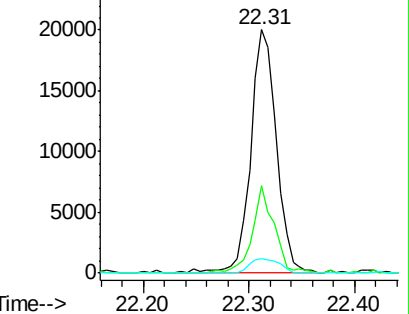
279 5.8 4.0 6.0

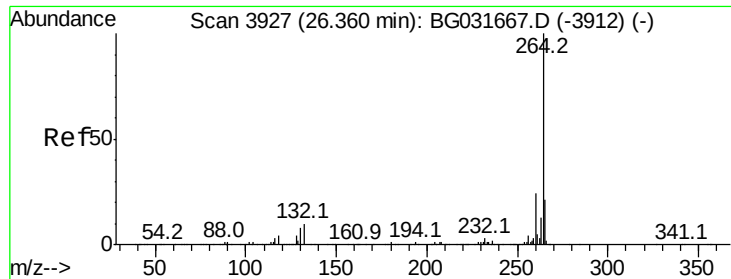


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

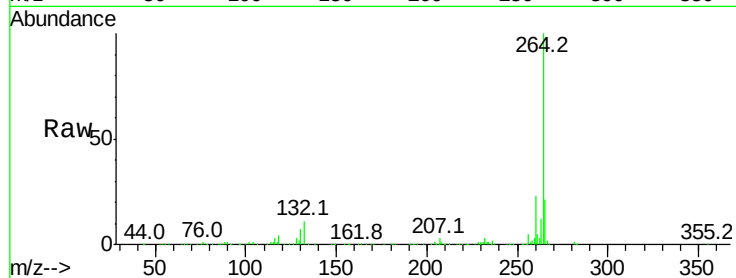




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.04 min
 Lab File: BG031887.D
 Acq: 3 Jan 2018 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 464101
 Ion Ratio Lower Upper
 264 100
 260 22.8 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

