

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031884.D
 Acq On : 3 Jan 2018 10:59
 Operator : SJ/JU
 Sample : I7102-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 12:22:23 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

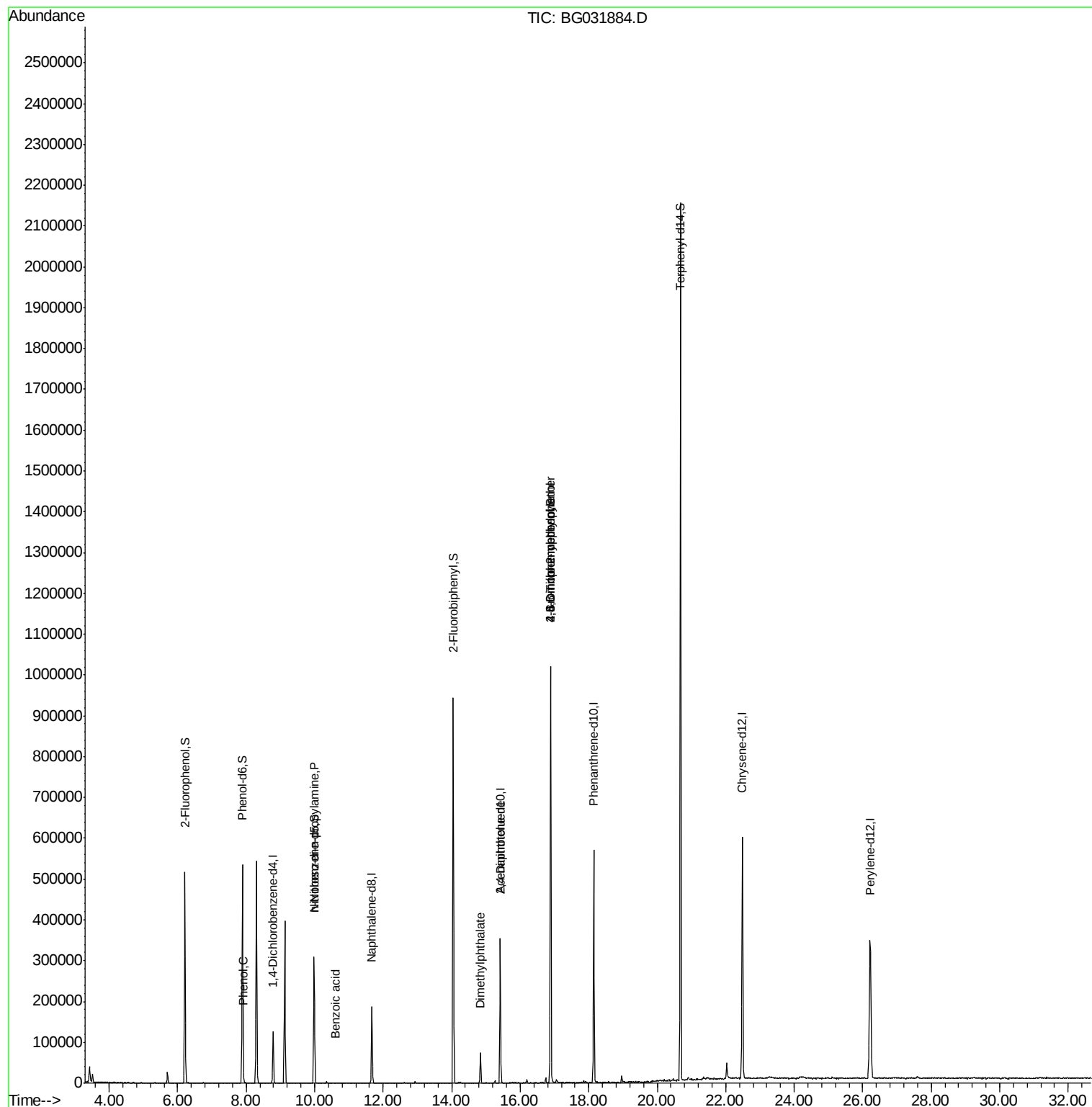
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	42618	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	186619	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	138175	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	390927	20.00	ng	0.00
75) Chrysene-d12	22.48	240	457843	20.00	ng	-0.02
86) Perylene-d12	26.22	264	478611	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	283787	121.28	ng	0.00
7) Phenol-d6	7.89	99	374621	123.31	ng	0.00
23) Nitrobenzene-d5	9.98	82	196415	79.48	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	246264	116.80	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	592704	53.84	ng	0.00
78) Terphenyl-d14	20.68	244	1228742	61.31	ng	0.00
Target Compounds						
10) Phenol	7.92	94	16383	5.342	ng	93
19) n-Nitroso-di-n-propylamine	9.98	70	25794	12.433	ng	# 68
32) Benzoic acid	10.59	122	53	6.718	ng	# 1
49) Dimethylphthalate	14.84	163	59201	4.863	ng	98
56) 2,4-Dinitrotoluene	15.42	165	17250	5.991	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.88	198	537	8.539	ng	# 1
66) 4-Bromophenyl-phenylether	16.89	248	20426	3.613	ng	# 1

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

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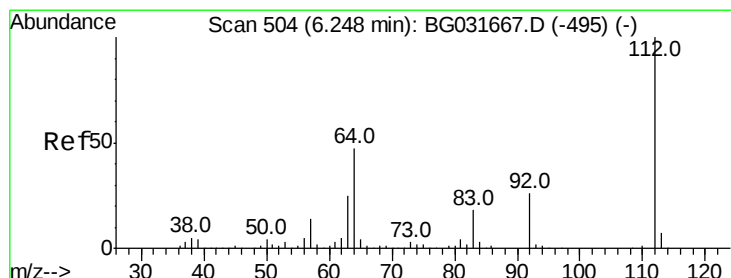
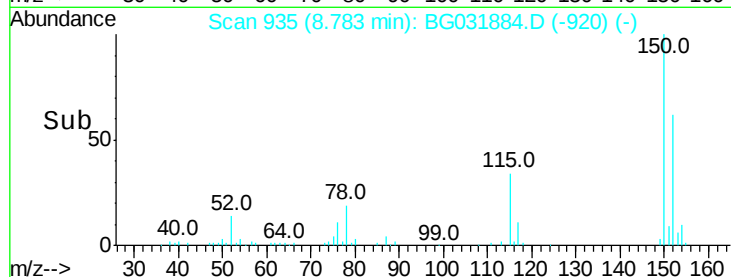
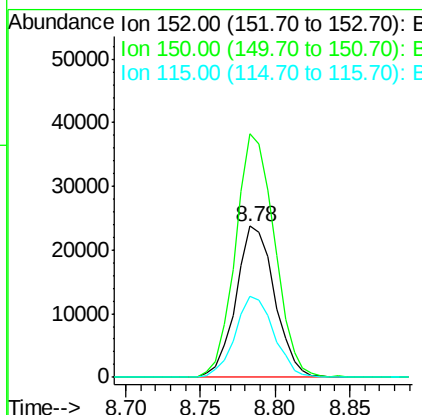
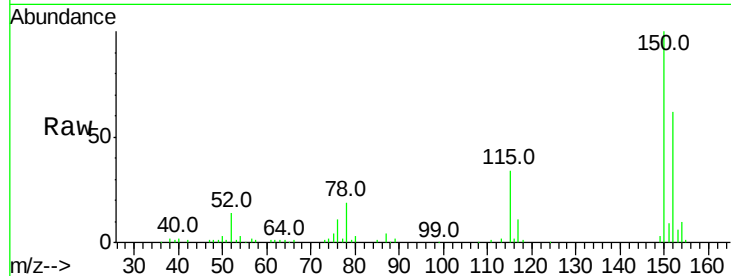


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031884.D
Acq: 3 Jan 2018 10:59

Instrument :
BNA_G
ClientSampled :

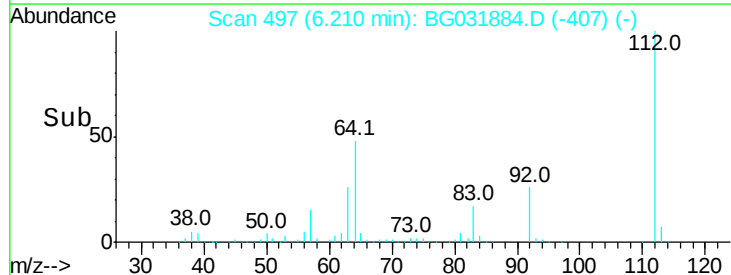
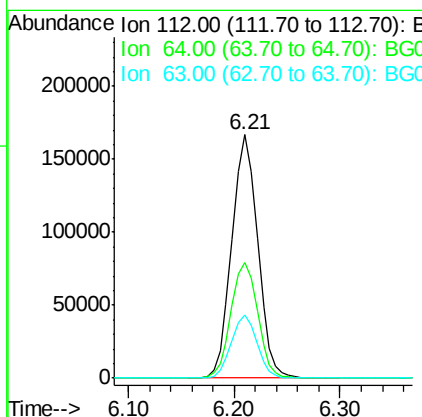
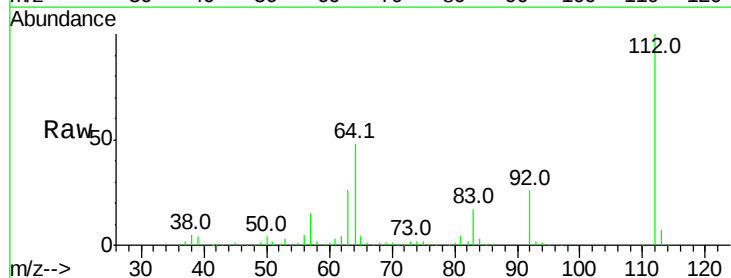
Tot Ion:152 Resp: 42618
Ion Ratio Lower Upper
152 100
150 161.1 126.6 189.8
115 54.0 53.0 79.4



#5

2-Fluorophenol
Concen: 121.283 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031884.D
Acq: 3 Jan 2018 10:59

Tgt Ion:112 Resp: 283787
Ion Ratio Lower Upper
112 100
64 47.6 56.3 84.5#
63 26.0 30.1 45.1#





#7

Phenol-d6

Concen: 123.315 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031884.D

Acq: 3 Jan 2018 10:59

Instrument :

BNA_G

ClientSampleId :

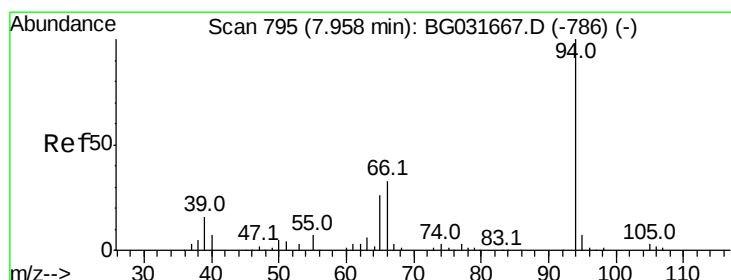
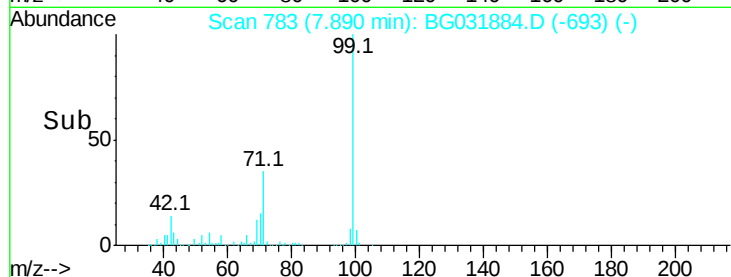
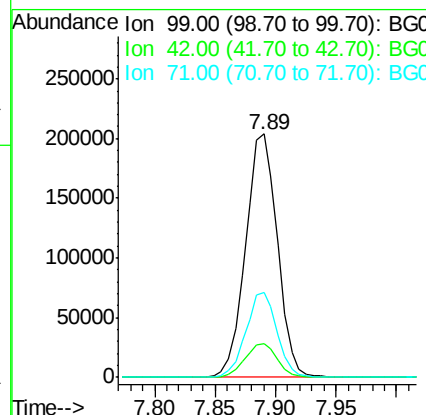
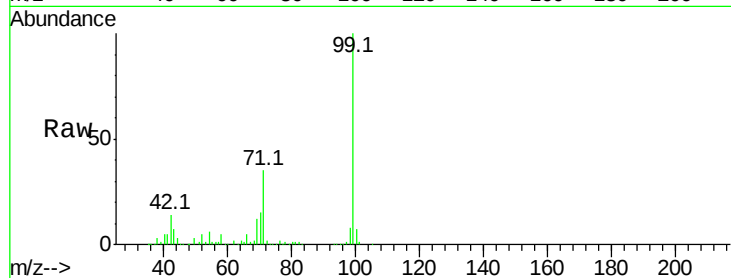
Tot Ion: 99 Resp: 374621

Ion Ratio Lower Upper

99 100

42 13.8 14.1 21.1#

71 34.8 26.1 39.1



#10

Phenol

Concen: 5.342 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031884.D

Acq: 3 Jan 2018 10:59

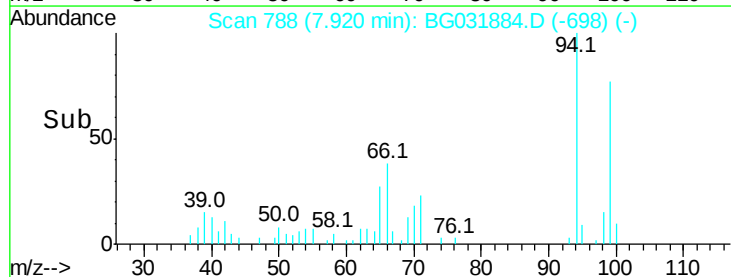
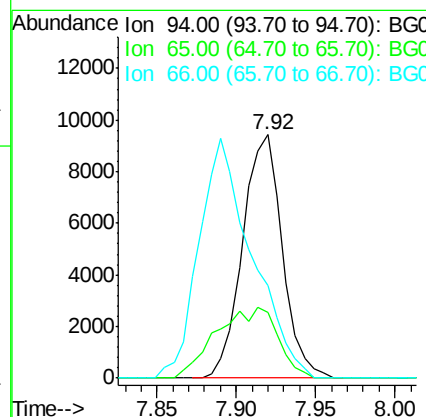
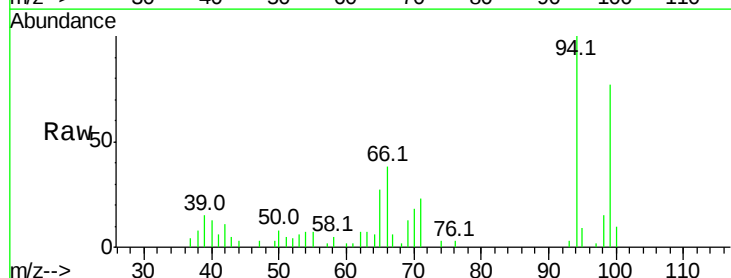
Tgt Ion: 94 Resp: 16383

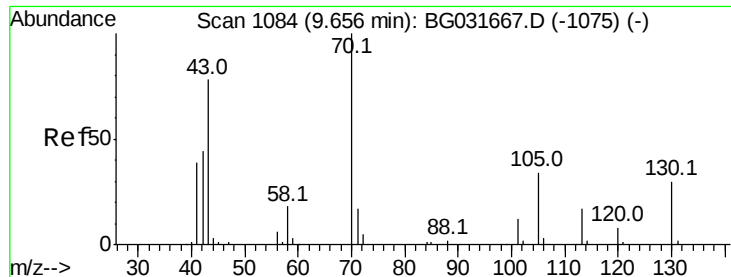
Ion Ratio Lower Upper

94 100

65 27.1 11.9 51.9

66 38.1 22.2 62.2

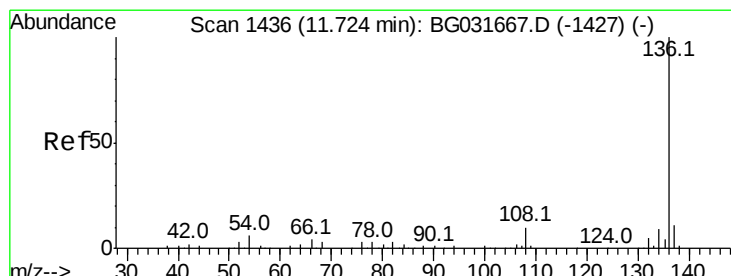
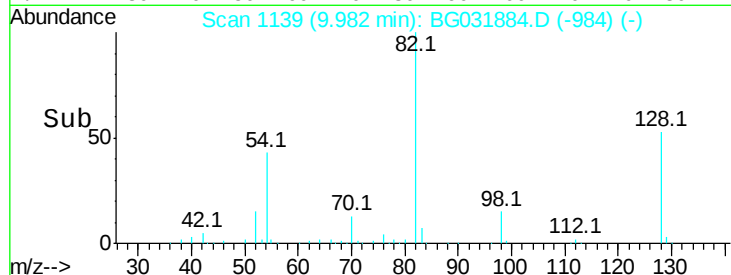
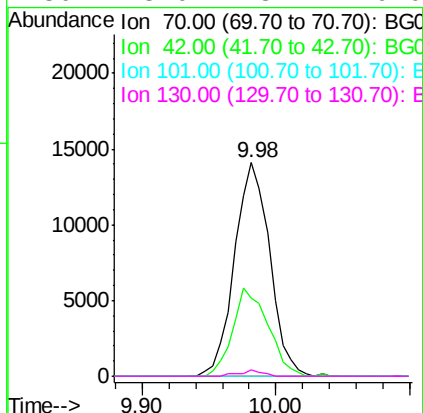
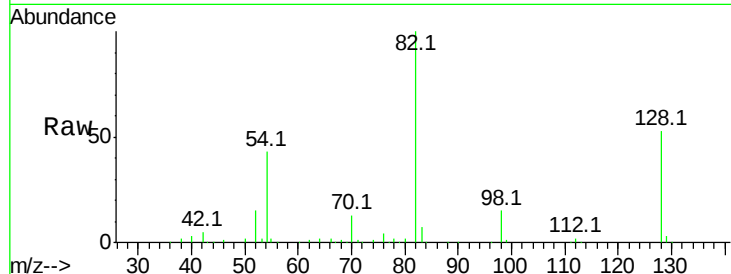




#19
n-Nitroso-di-n-propylamine
Concen: 12.433 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031884.D
Acq: 3 Jan 2018 10:59

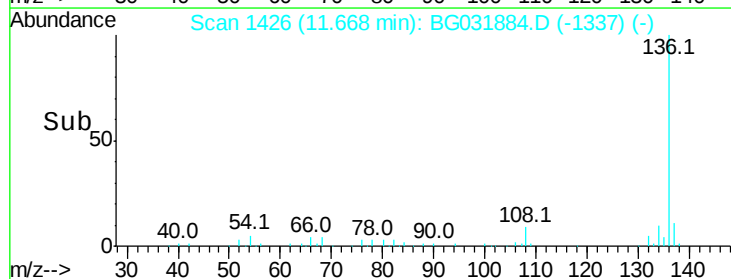
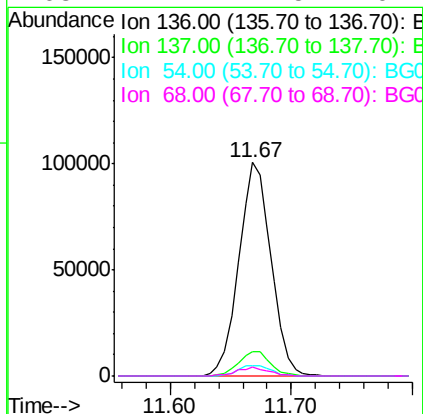
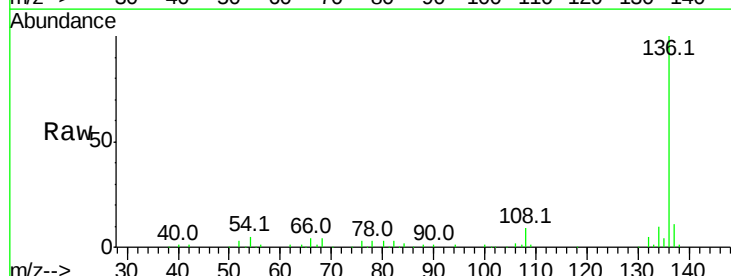
Instrument :
BNA_G
ClientSampleId :

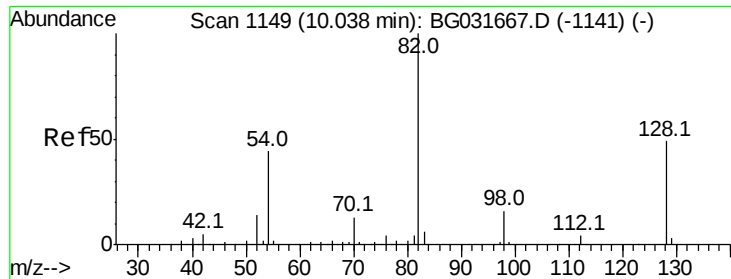
Tot Ion: 70 Resp: 25794
Ion Ratio Lower Upper
70 100
42 36.7 49.1 73.7#
101 0.0 8.5 12.7#
130 3.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031884.D
Acq: 3 Jan 2018 10:59

Tgt Ion: 136 Resp: 186619
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 5.0 10.3 15.5#
68 4.1 4.5 6.7#

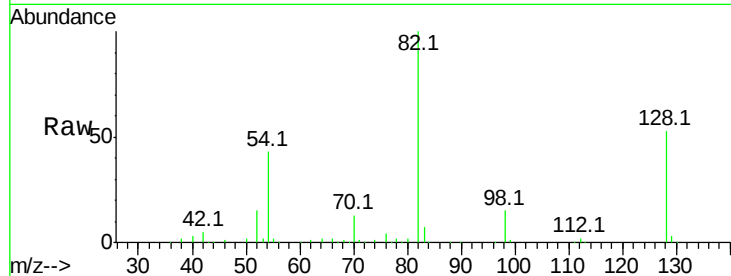




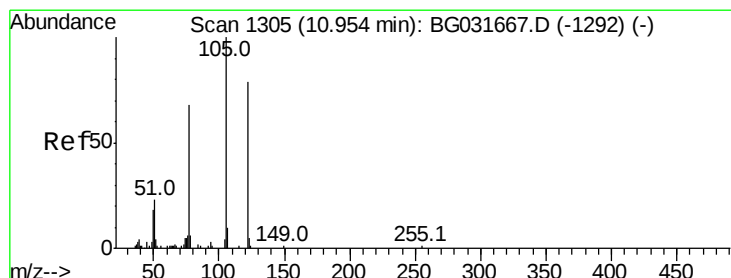
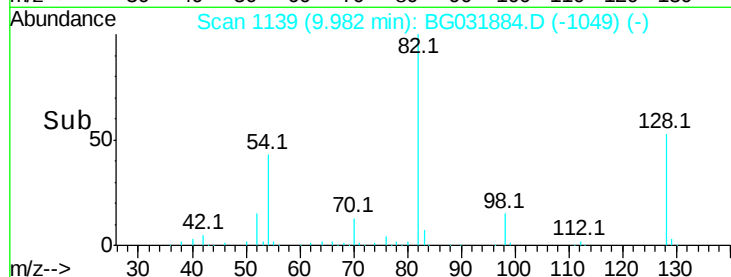
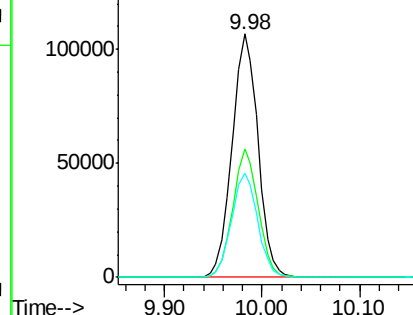
#23
 Nitrobenzene-d5
 Concen: 79.476 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031884.D
 Acq: 3 Jan 2018 10:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 196415
 Ion Ratio Lower Upper
 82 100
 128 52.6 29.7 44.5#
 54 42.8 43.1 64.7#

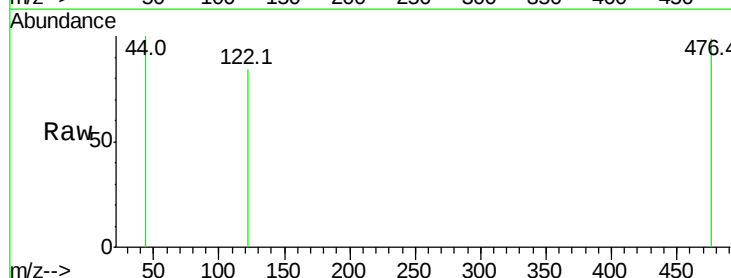


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

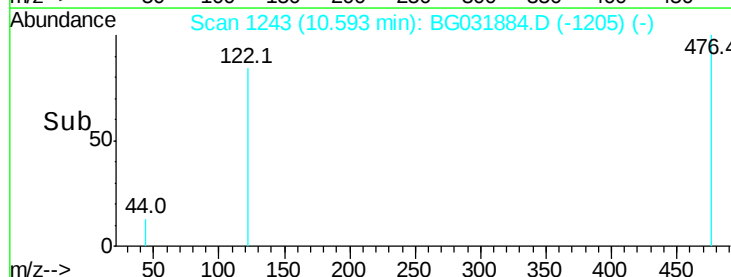
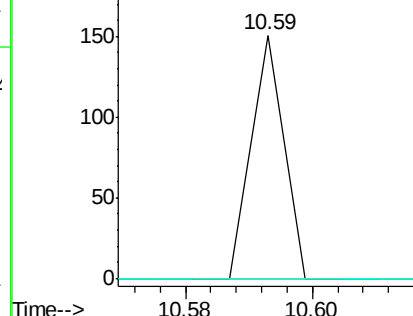


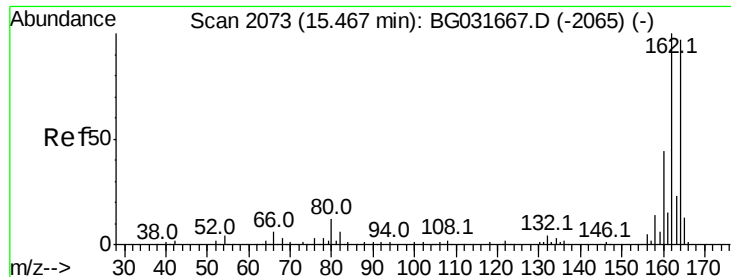
#32
 Benzoic acid
 Concen: 6.718 ng
 RT: 10.59 min Scan# 1243
 Delta R.T. -0.31 min
 Lab File: BG031884.D
 Acq: 3 Jan 2018 10:59

Tgt Ion:122 Resp: 53
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

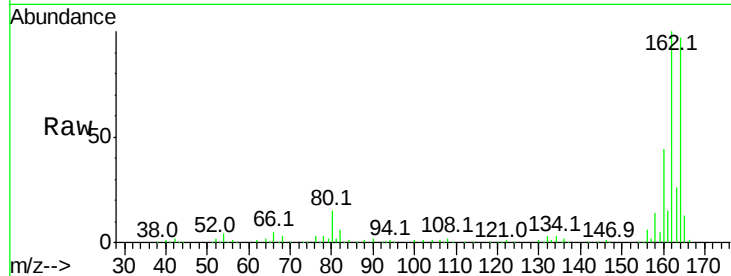




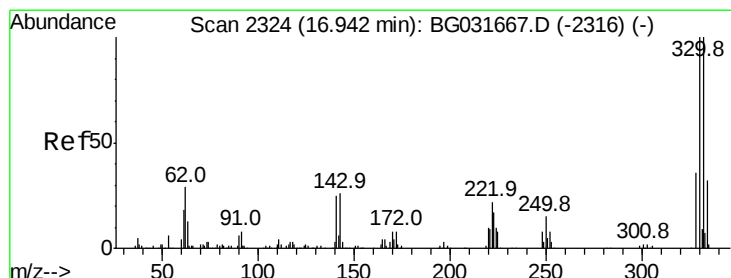
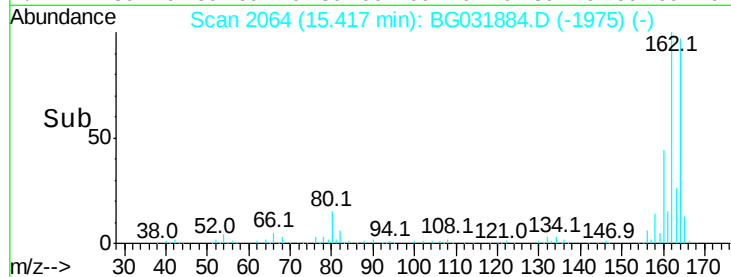
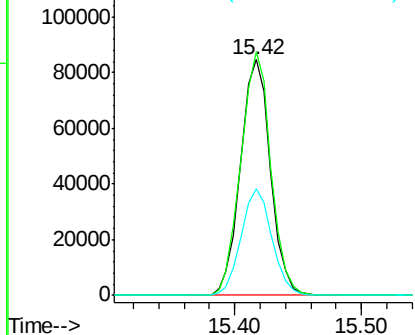
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031884.D
 Acq: 3 Jan 2018 10:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 138175
 Ion Ratio Lower Upper
 164 100
 162 103.3 78.8 118.2
 160 45.3 35.4 53.0

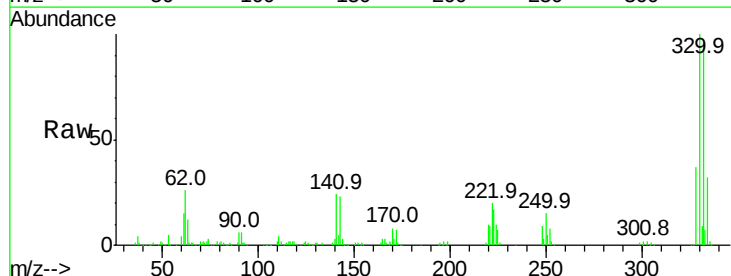


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

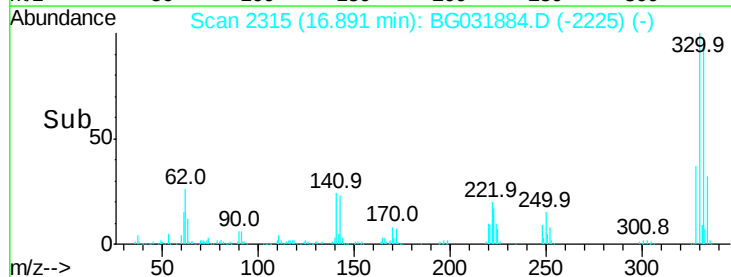
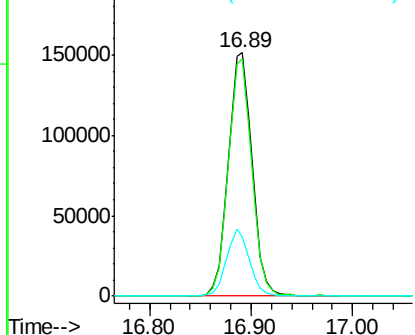


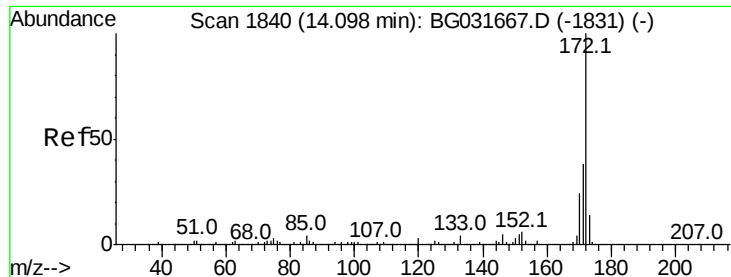
#41
 2,4,6-Tribromophenol
 Concen: 116.804 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031884.D
 Acq: 3 Jan 2018 10:59

Tgt Ion:330 Resp: 246264
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 26.2 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

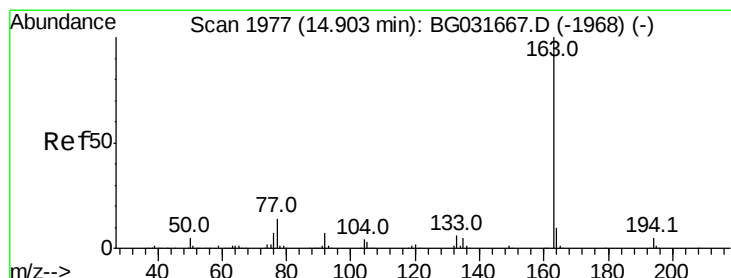
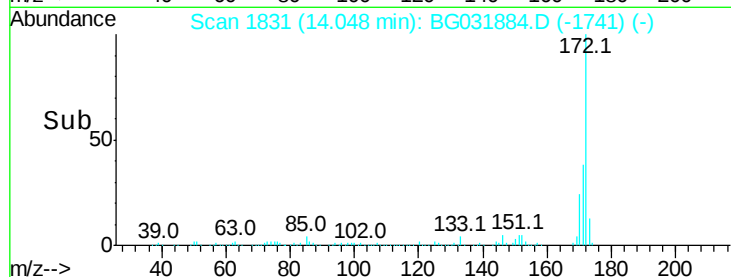
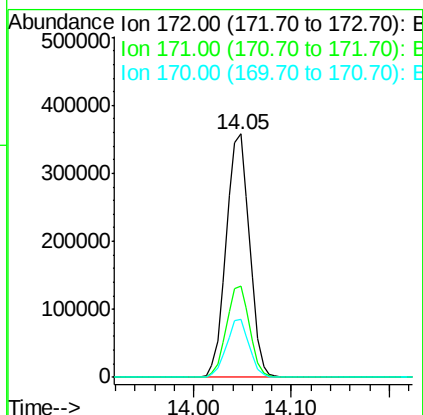
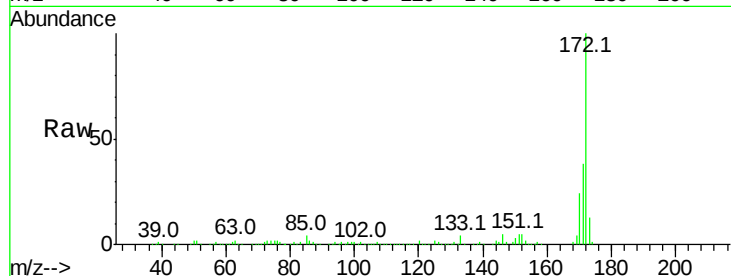




#44
2-Fluorobiphenyl
Concen: 53.839 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031884.D
Acq: 3 Jan 2018 10:59

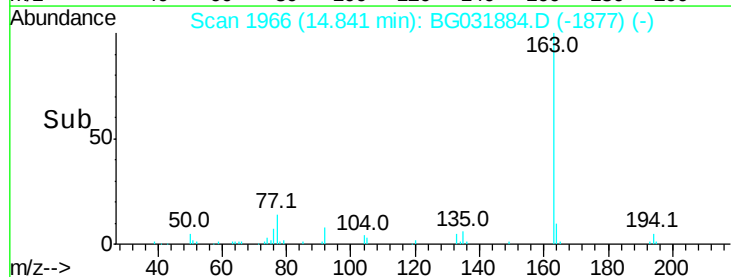
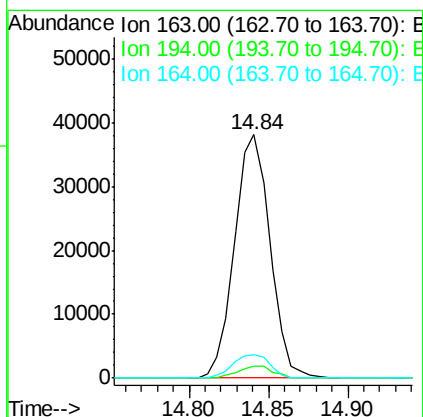
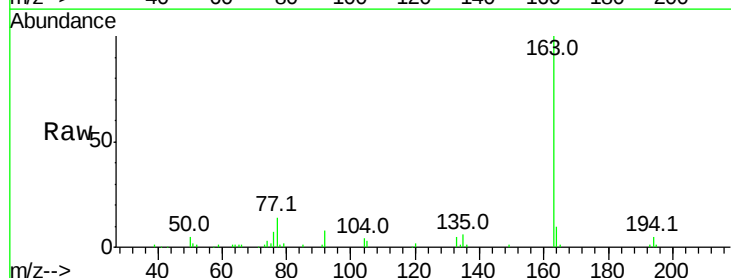
Instrument :
BNA_G
ClientSampleId :

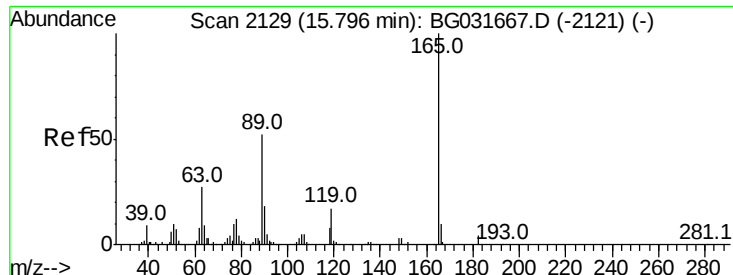
Tot Ion:172 Resp: 592704
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.6 19.5 29.3



#49
Dimethylphthalate
Concen: 4.863 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031884.D
Acq: 3 Jan 2018 10:59

Tgt Ion:163 Resp: 59201
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 9.6 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 5.991 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.34 min

Lab File: BG031884.D

Acq: 3 Jan 2018 10:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 17250

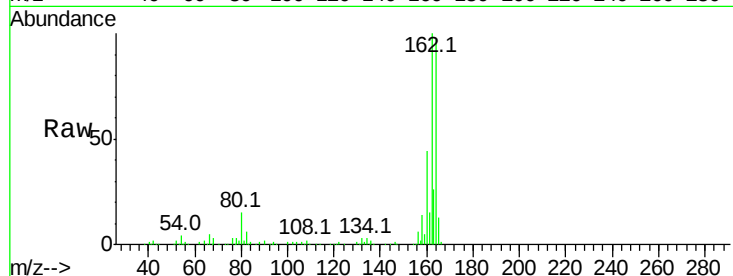
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

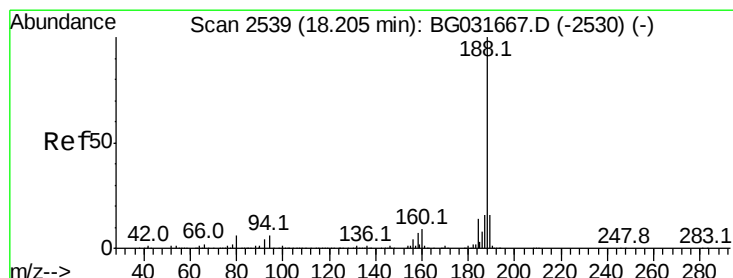
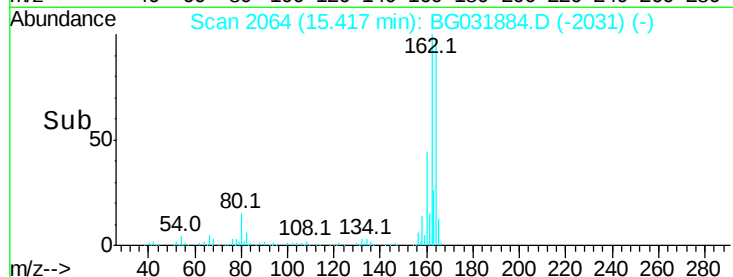
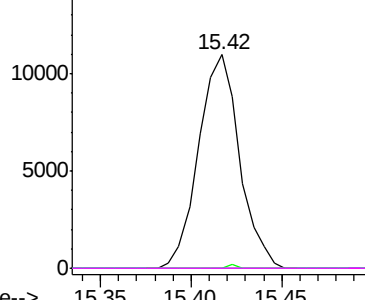


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

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: BG031884.D

Acq: 3 Jan 2018 10:59

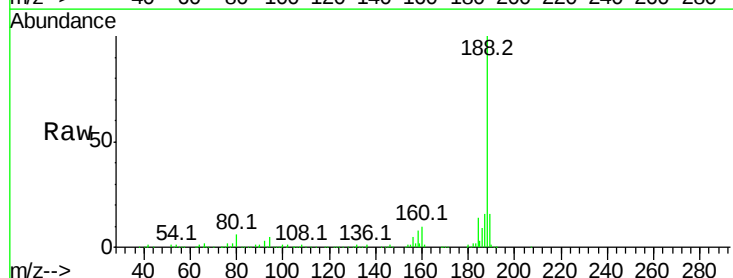
Tgt Ion:188 Resp: 390927

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

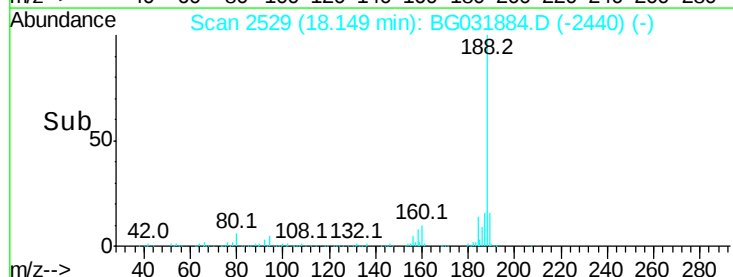
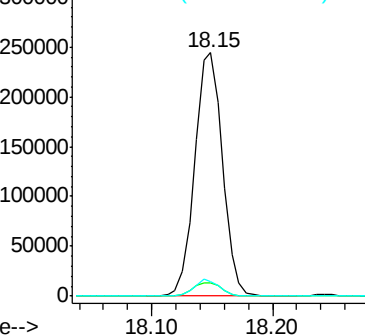
80 6.0 7.7 11.5#

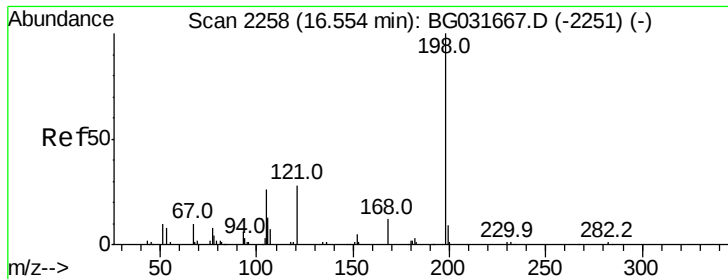


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#64

4,6-Dinitro-2-methylphenol

Concen: 8.539 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.37 min

Lab File: BG031884.D

Acq: 3 Jan 2018 10:59

Instrument :

BNA_G

ClientSampleId :

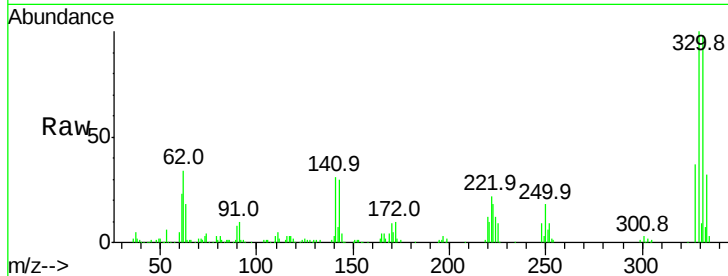
Tot Ion:198 Resp: 537

Ion Ratio Lower Upper

198 100

51 91.4 30.6 70.6#

105 164.3 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

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

16.88

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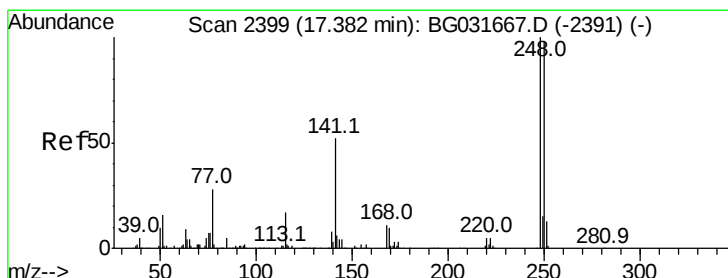
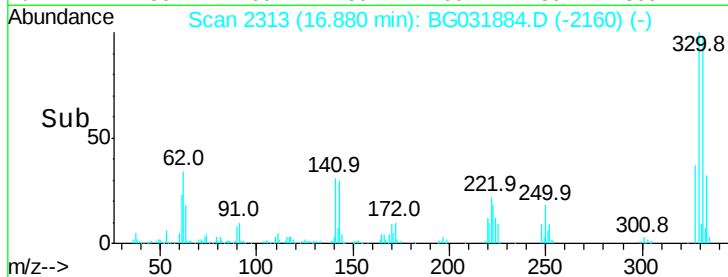
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#66

4-Bromophenyl-phenylether

Concen: 3.613 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.44 min

Lab File: BG031884.D

Acq: 3 Jan 2018 10:59

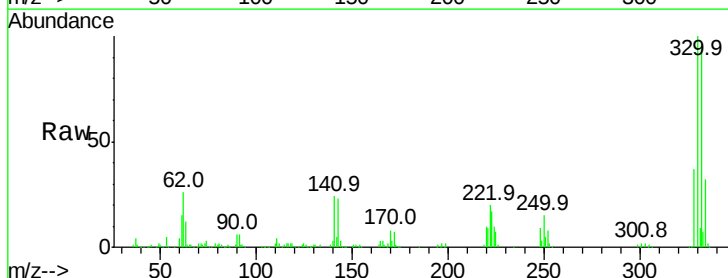
Tgt Ion:248 Resp: 20426

Ion Ratio Lower Upper

248 100

250 174.0 77.1 115.7#

141 279.9 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

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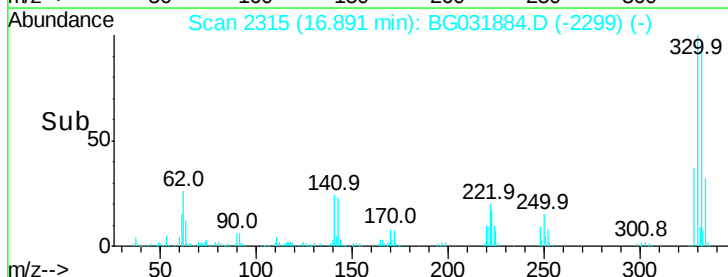
16.89

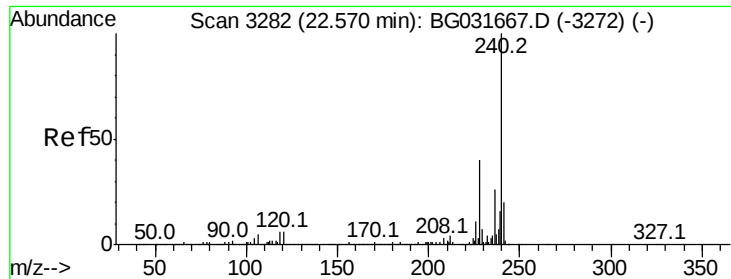
16.89

16.89

16.89

16.89





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. -0.02 min

Lab File: BG031884.D

Acq: 3 Jan 2018 10:59

Instrument :

BNA_G

ClientSampleId :

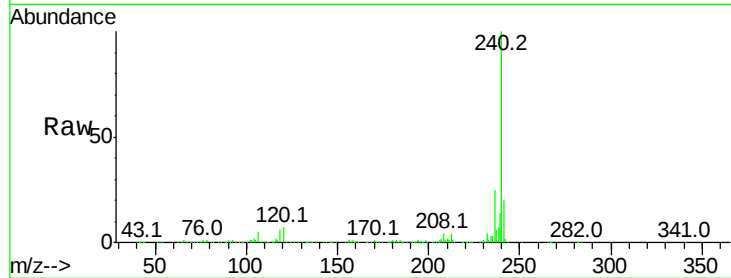
Tot Ion:240 Resp: 457843

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2#

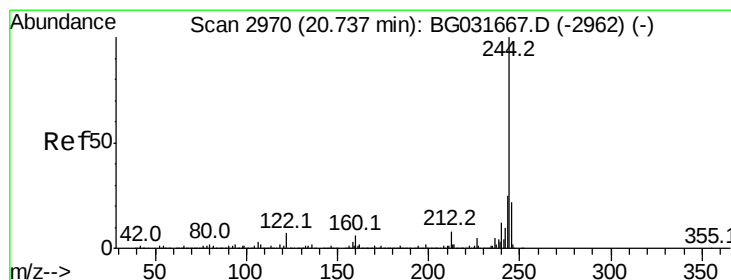
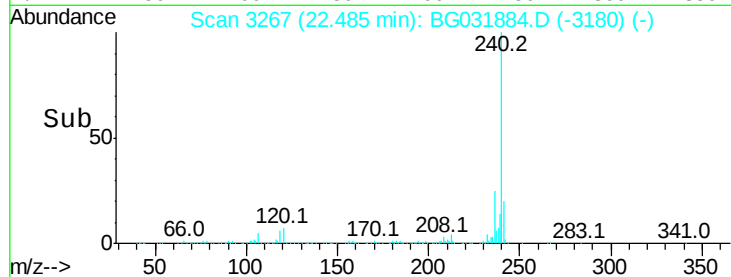
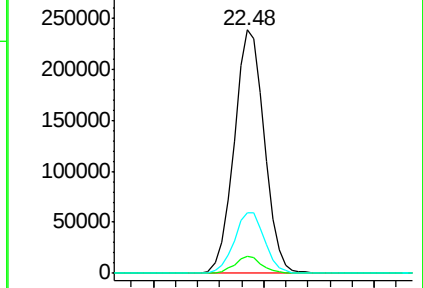
236 24.8 20.9 31.3



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: 61.315 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031884.D

Acq: 3 Jan 2018 10:59

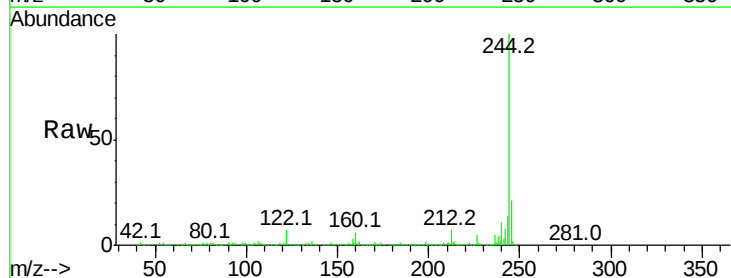
Tgt Ion:244 Resp: 1228742

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

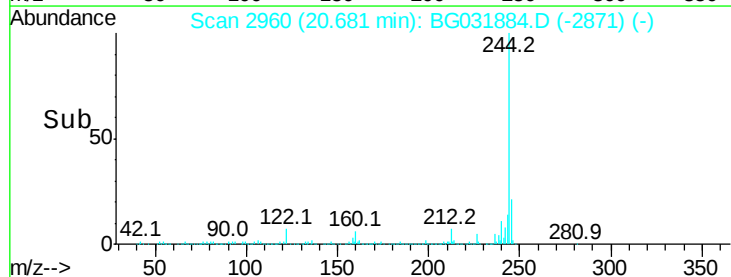
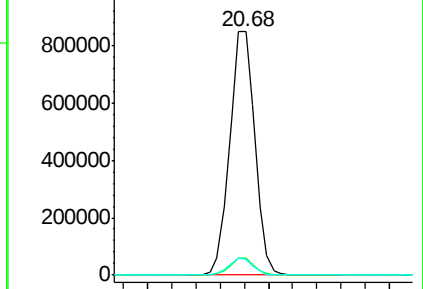
122 6.6 7.0 10.4#

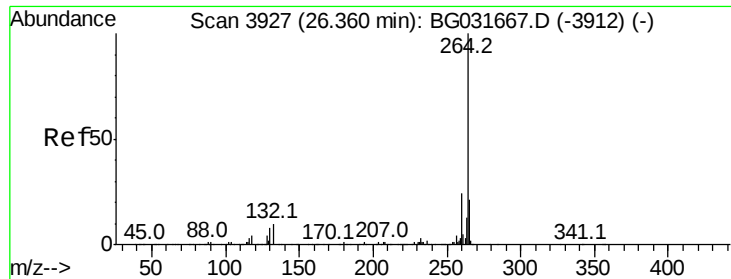


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

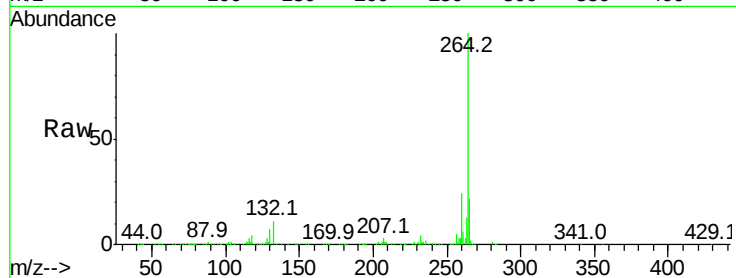




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3902
Delta R.T. -0.04 min
Lab File: BG031884.D
Acq: 3 Jan 2018 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.0	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

