

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031943.D
 Acq On : 5 Jan 2018 21:37
 Operator : SJ/JU
 Sample : J1012-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 23:13:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

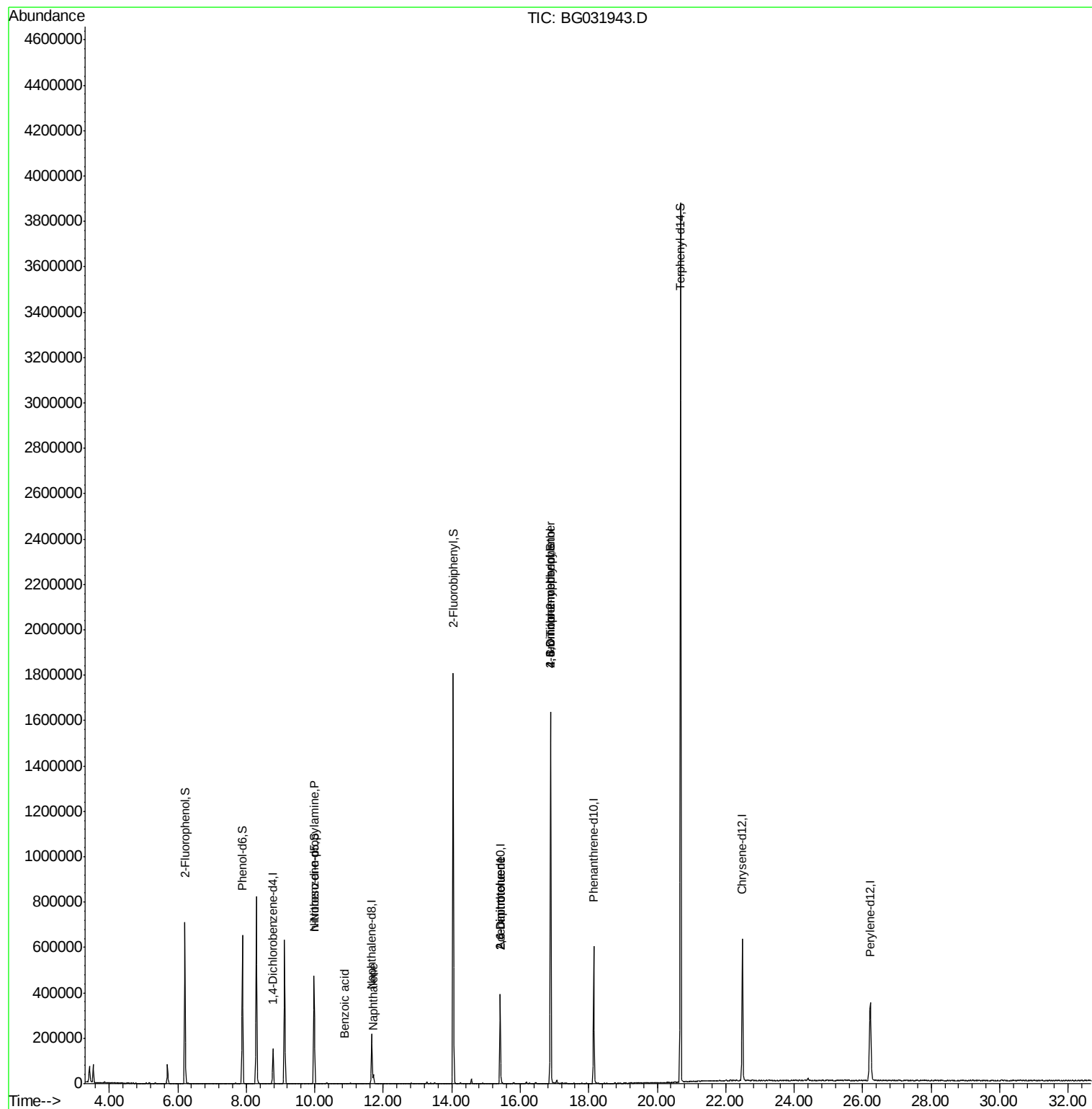
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	52504	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	217807	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	156535	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	425981	20.00	ng	-0.01
75) Chrysene-d12	22.48	240	483477	20.00	ng	-0.04
86) Perylene-d12	26.22	264	478879	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	380892	132.13	ng	0.00
7) Phenol-d6	7.89	99	456609	122.00	ng	0.00
23) Nitrobenzene-d5	9.98	82	308125	106.82	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	390951	163.68	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1071263	85.90	ng	-0.01
78) Terphenyl-d14	20.68	244	2093292	98.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	40339	15.782	ng	# 68
31) Naphthalene	11.71	128	38359	3.490	ng	# 98
32) Benzoic acid	10.89	122	81	6.726	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	19714	7.771	ng	# 18
56) 2,4-Dinitrotoluene	15.41	165	19714	6.043	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	937	8.680	ng	# 46
66) 4-Bromophenyl-phenylether	16.88	248	31215	5.067	ng	# 1

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

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Quant Time: Jan 05 23:13:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration



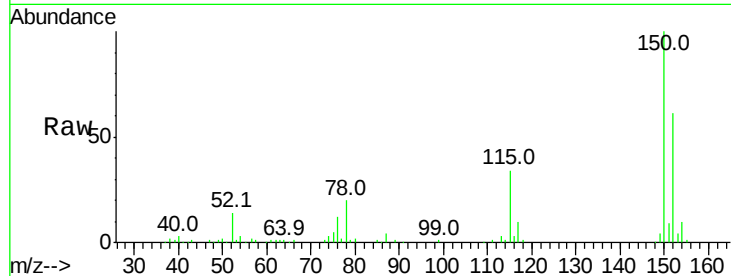


#1

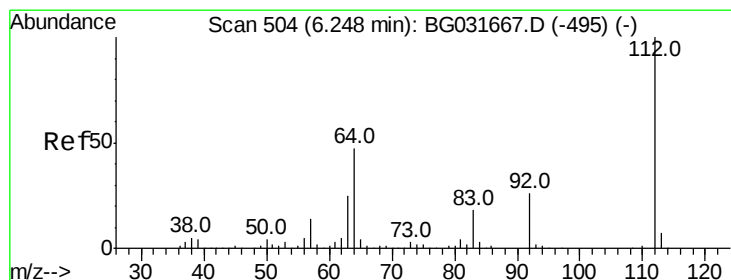
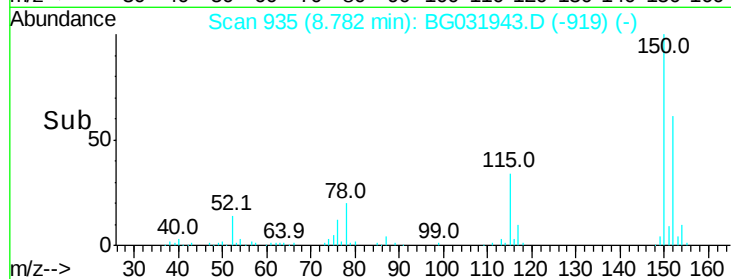
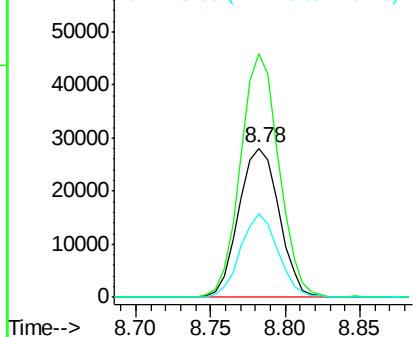
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52504
Ion Ratio Lower Upper
152 100
150 162.9 126.6 189.8
115 56.1 53.0 79.4



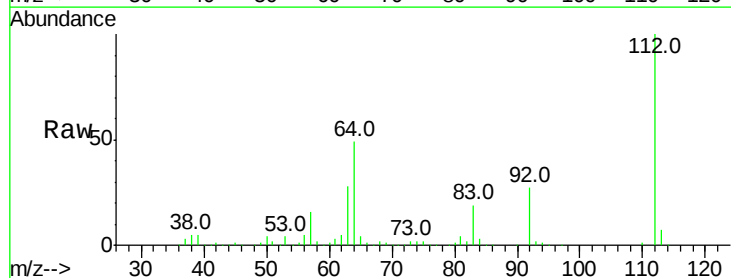
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



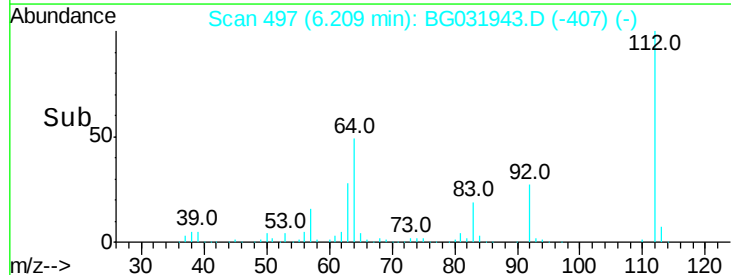
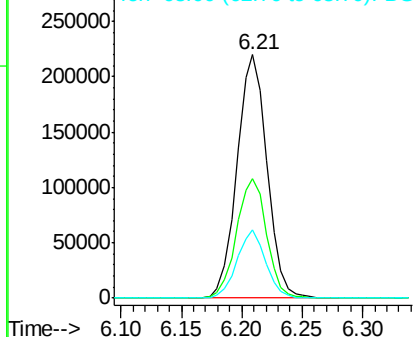
#5

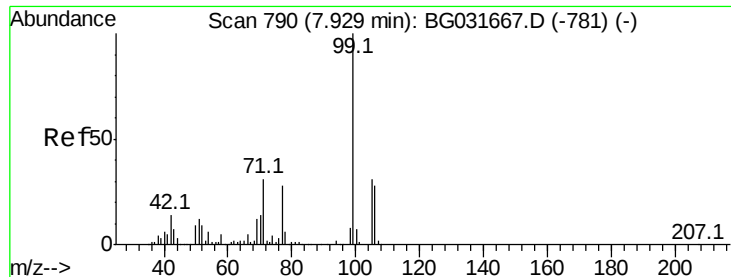
2-Fluorophenol
Concen: 132.133 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:112 Resp: 380892
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 28.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.002 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031943.D

Acq: 5 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

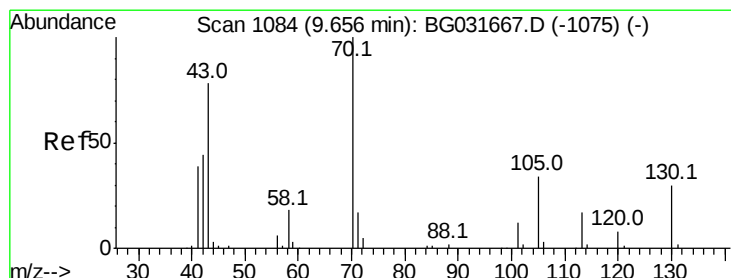
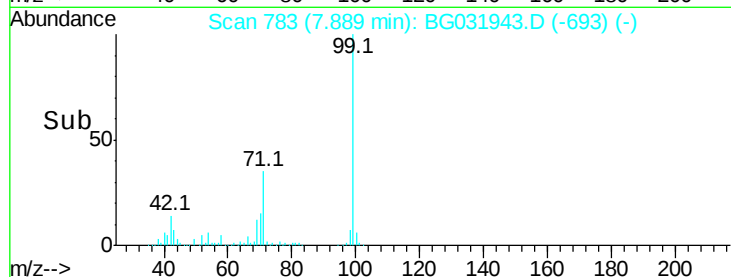
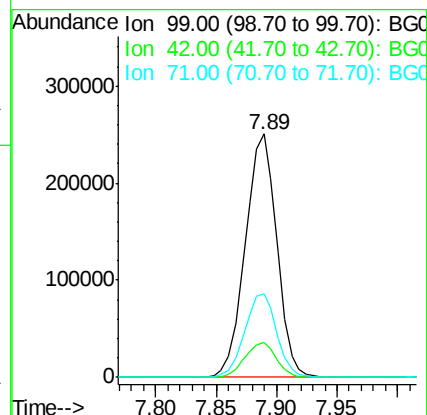
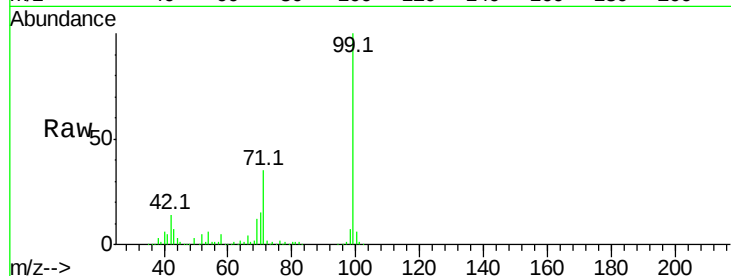
Tot Ion: 99 Resp: 456609

Ion Ratio Lower Upper

99 100

42 14.4 14.1 21.1

71 34.6 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.782 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031943.D

Acq: 5 Jan 2018 21:37

Tgt Ion: 70 Resp: 40339

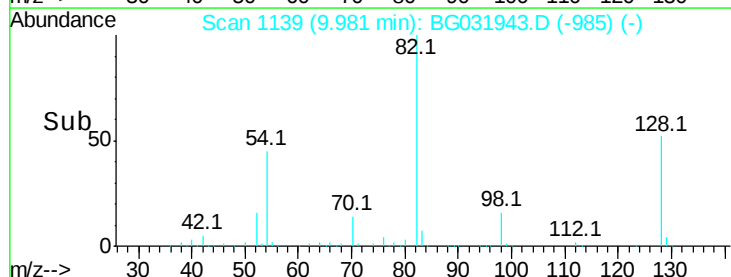
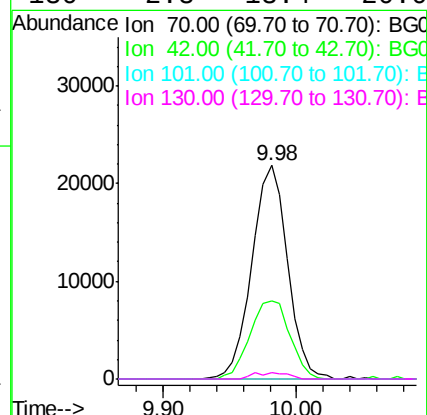
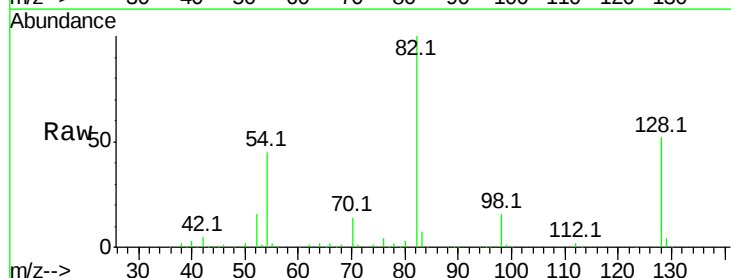
Ion Ratio Lower Upper

70 100

42 36.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.8 13.4 20.0#

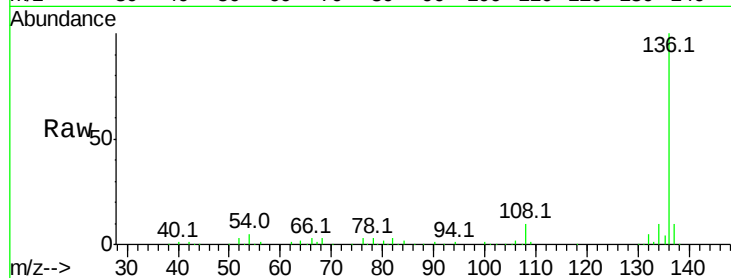




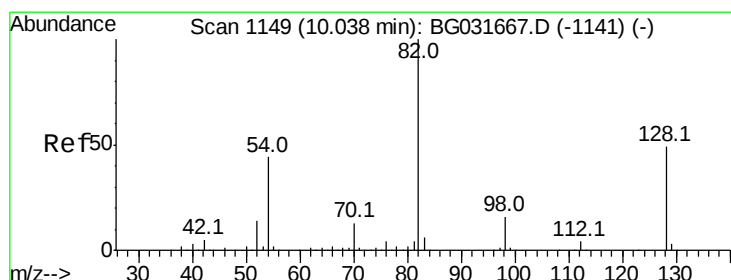
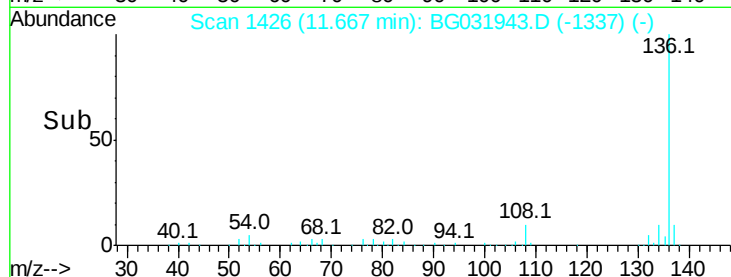
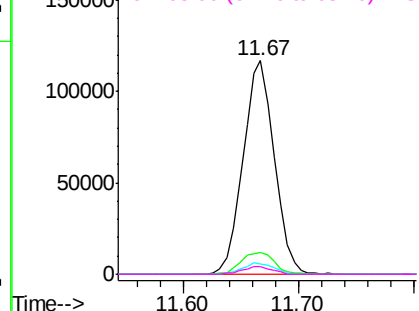
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 217807
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 4.9 10.3 15.5#
68 3.3 4.5 6.7#

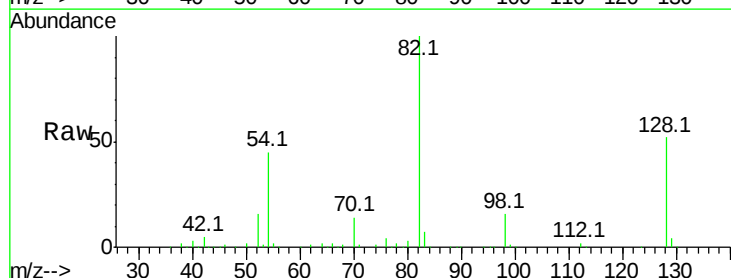


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

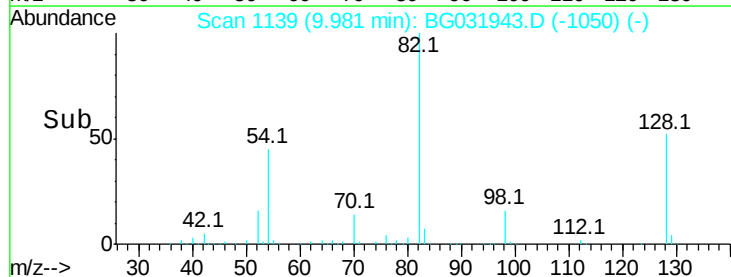
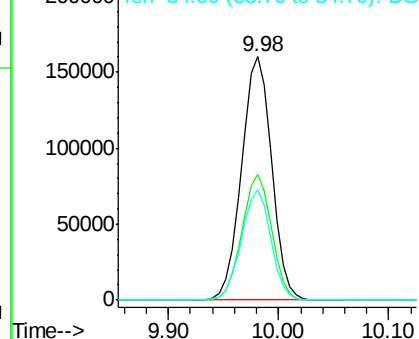


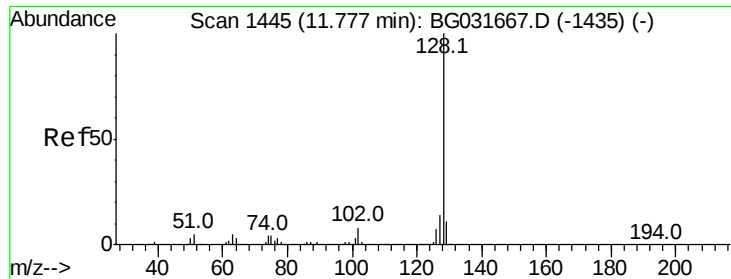
#23
Nitrobenzene-d5
Concen: 106.825 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion: 82 Resp: 308125
Ion Ratio Lower Upper
82 100
128 51.5 29.7 44.5#
54 45.4 43.1 64.7



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

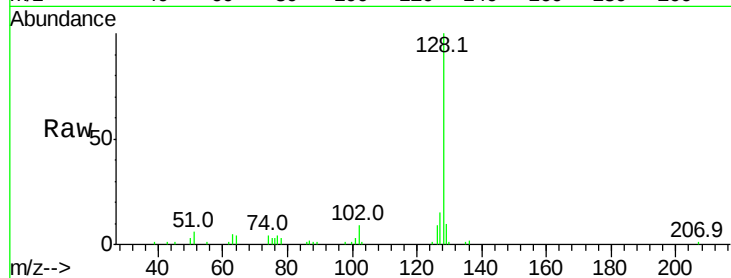




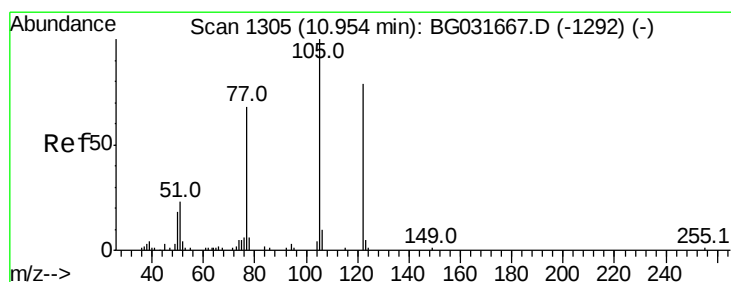
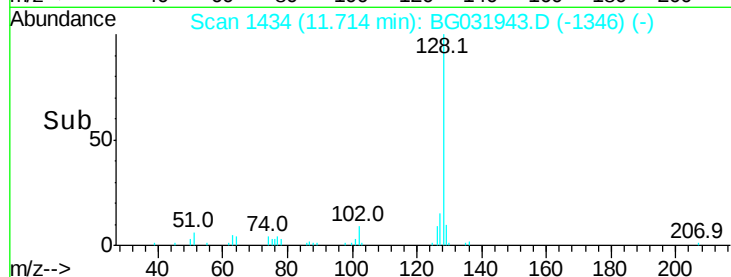
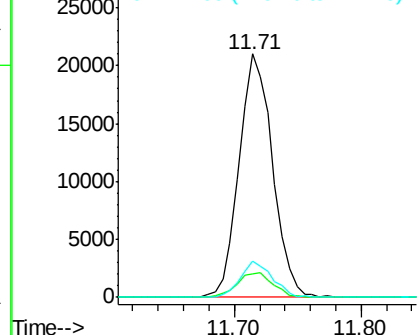
#31
Naphthalene
Concen: 3.490 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 38359
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 15.1 11.6 17.4

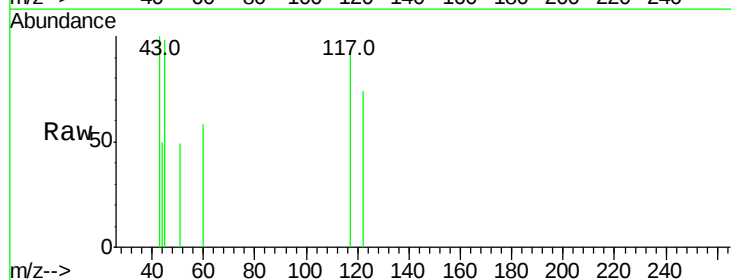


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

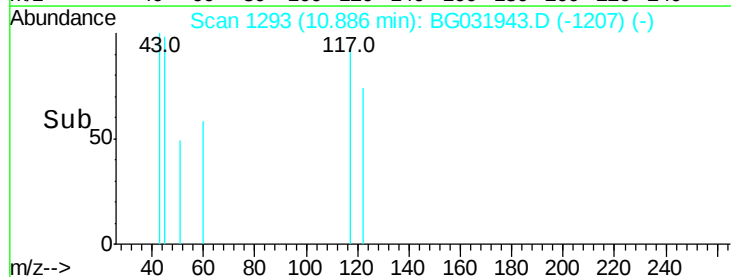
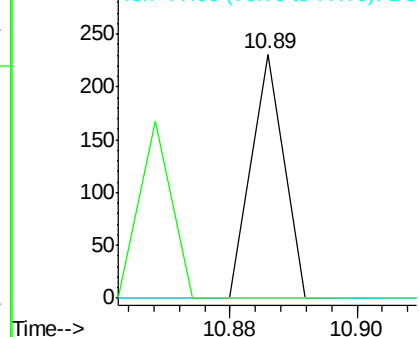


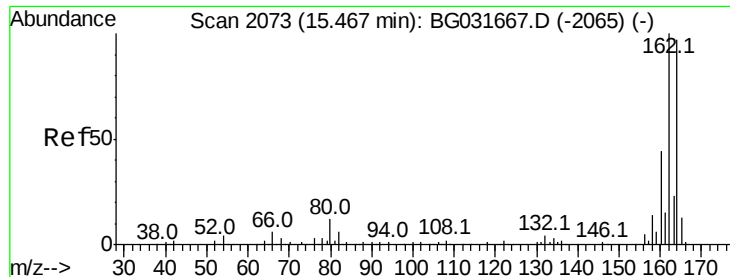
#32
Benzoic acid
Concen: 6.726 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:122 Resp: 81
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): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.42 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031943.D

Acq: 5 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

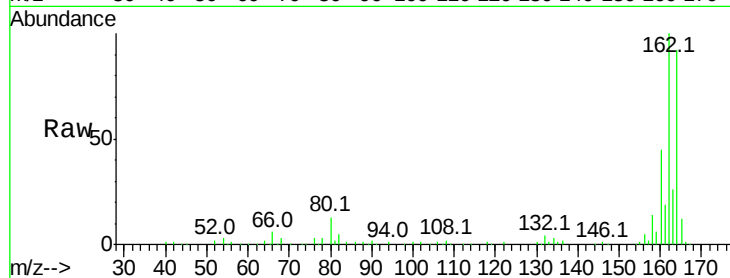
Tot Ion:164 Resp: 156535

Ion Ratio Lower Upper

164 100

162 108.5 78.8 118.2

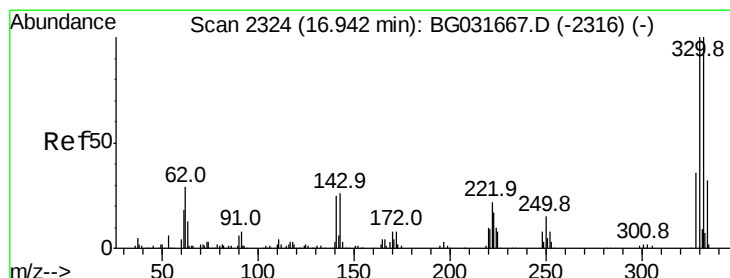
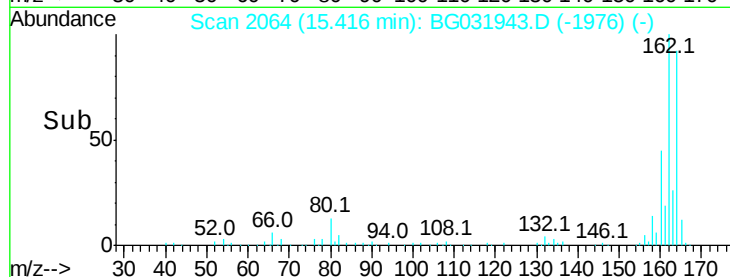
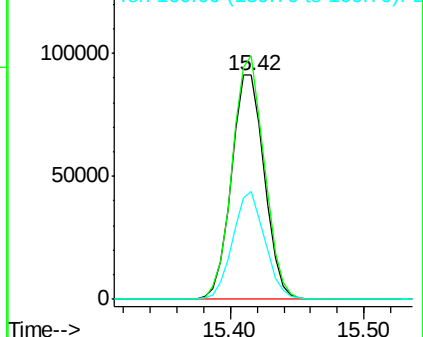
160 48.4 35.4 53.0



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: 163.680 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031943.D

Acq: 5 Jan 2018 21:37

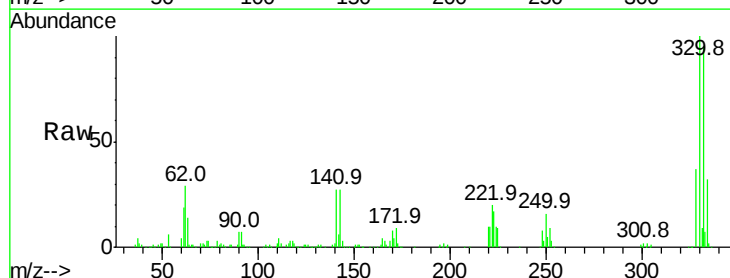
Tgt Ion:330 Resp: 390951

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

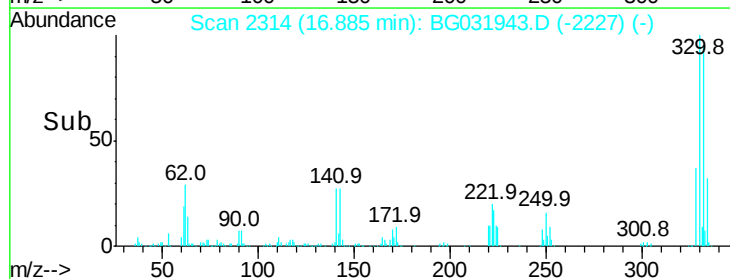
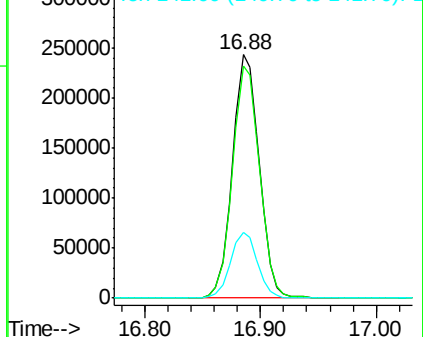
141 27.2 25.2 37.8

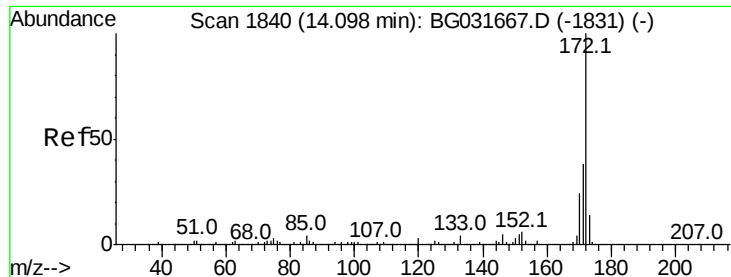


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

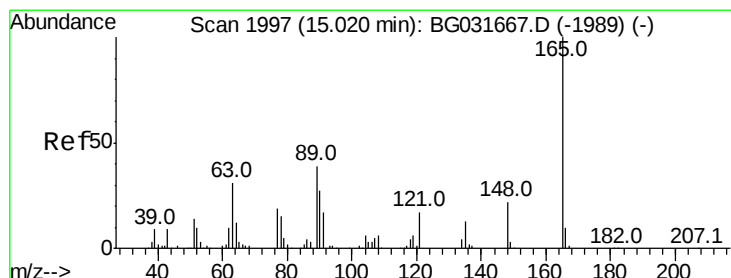
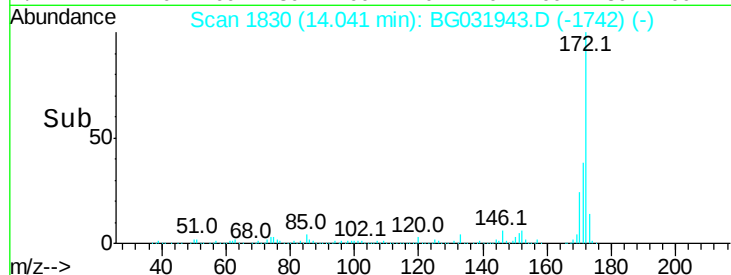
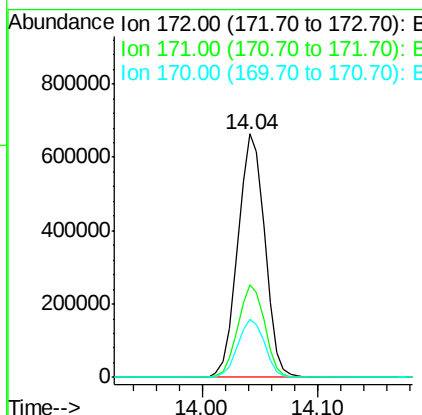
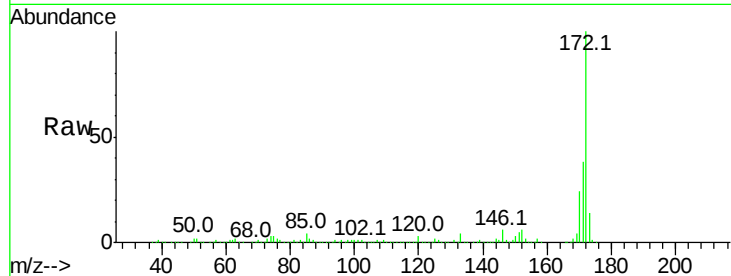




#44
 2-Fluorobiphenyl
 Concen: 85.896 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031943.D
 Acq: 5 Jan 2018 21:37

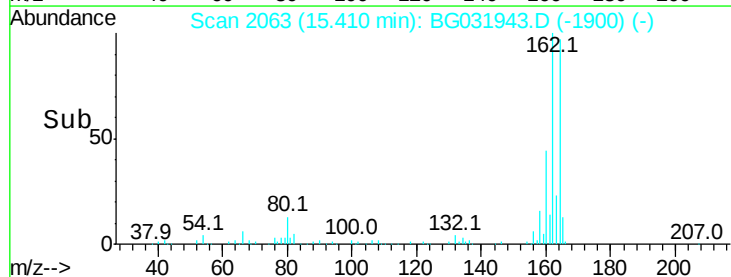
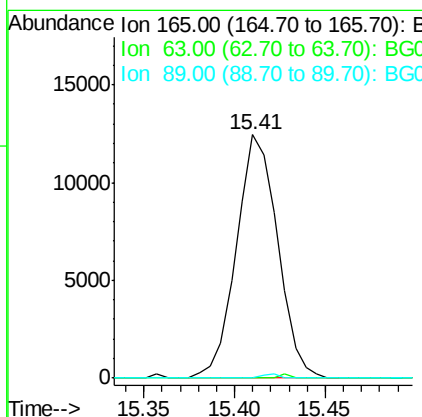
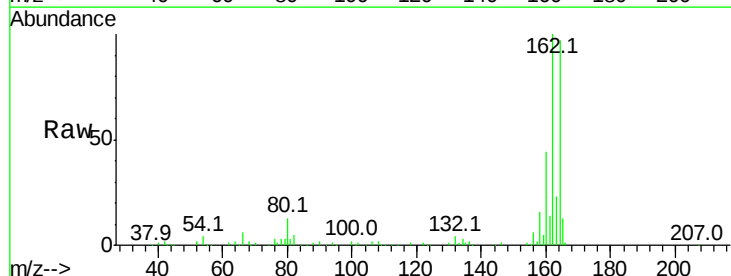
Instrument :
 BNA_G
 ClientSampleId :

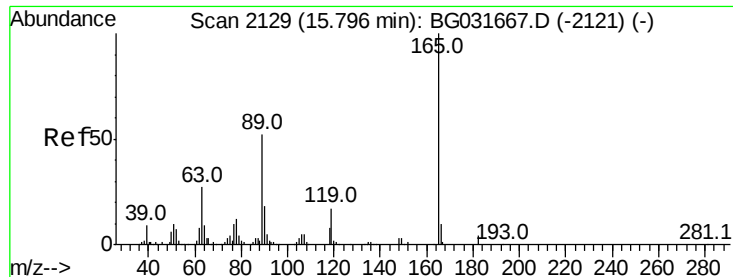
Tot Ion:172 Resp: 1071263
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.771 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.43 min
 Lab File: BG031943.D
 Acq: 5 Jan 2018 21:37

Tgt Ion:165 Resp: 19714
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 6.043 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.35 min

Lab File: BG031943.D

Acq: 5 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 19714

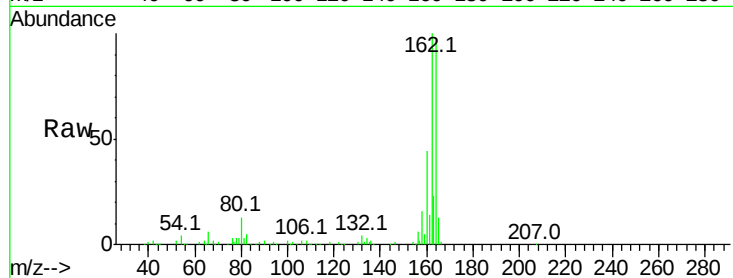
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

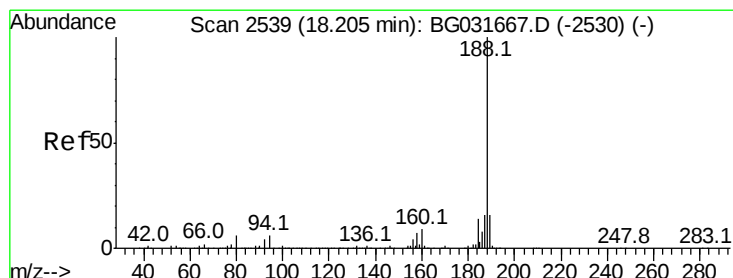
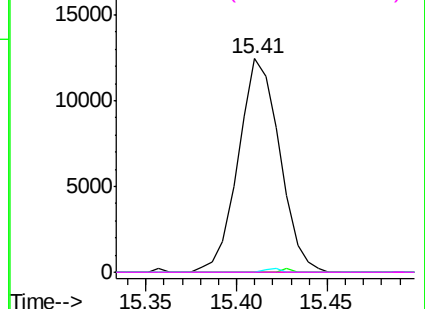
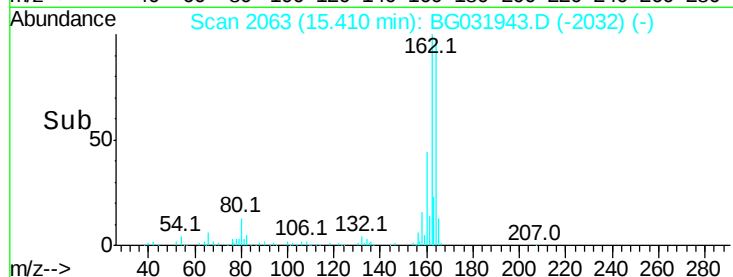


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): 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: BG031943.D

Acq: 5 Jan 2018 21:37

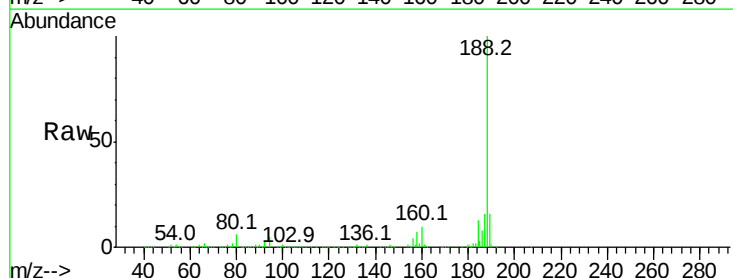
Tgt Ion:188 Resp: 425981

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

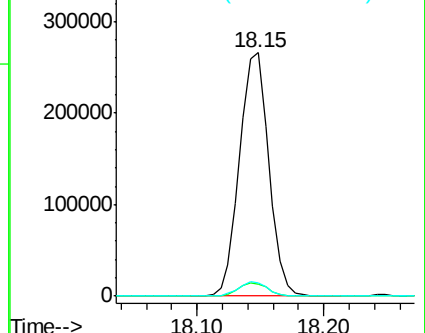
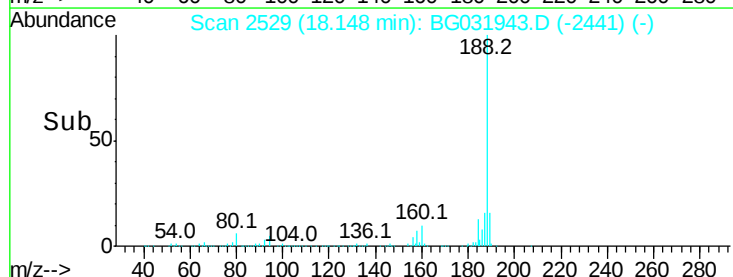
80 5.6 7.7 11.5#

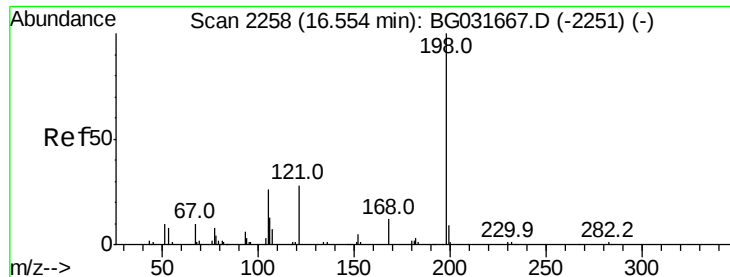


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

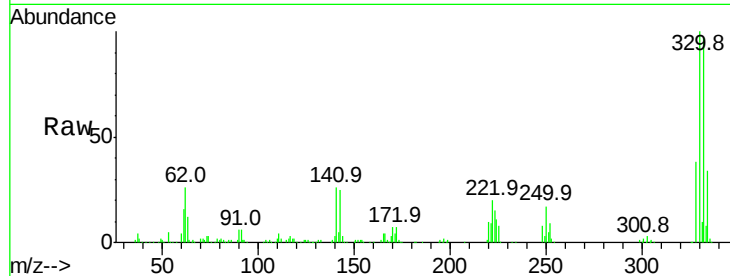




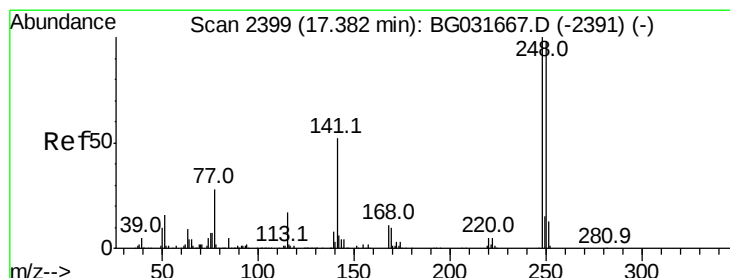
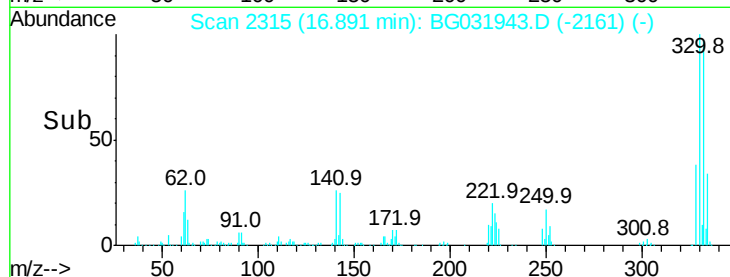
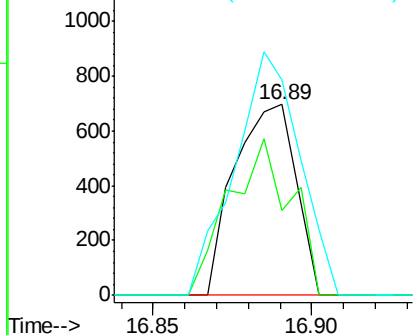
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.680 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.38 min
 Lab File: BG031943.D
 Acq: 5 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 937
 Ion Ratio Lower Upper
 198 100
 51 44.8 30.6 70.6
 105 113.1 23.8 63.8#

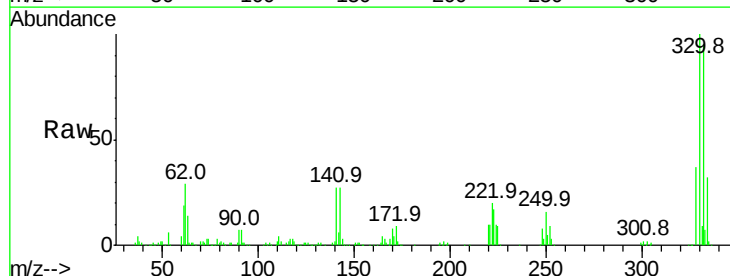


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

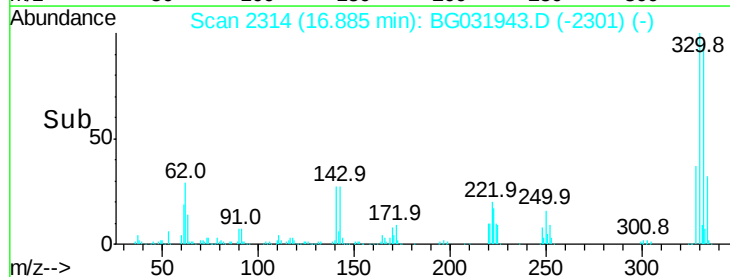
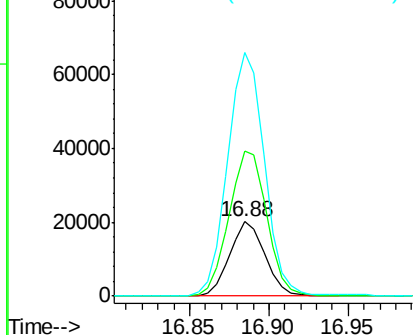


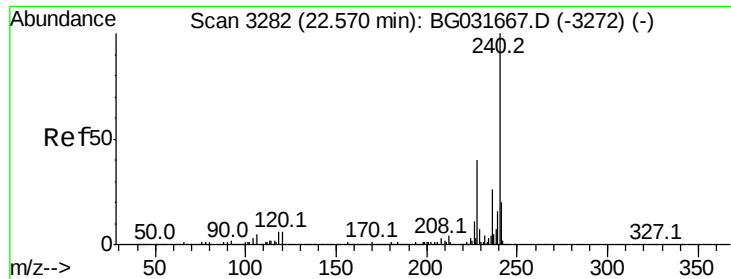
#66
 4-Bromophenyl-phenylether
 Concen: 5.067 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.45 min
 Lab File: BG031943.D
 Acq: 5 Jan 2018 21:37

Tgt Ion:248 Resp: 31215
 Ion Ratio Lower Upper
 248 100
 250 194.4 77.1 115.7#
 141 327.1 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

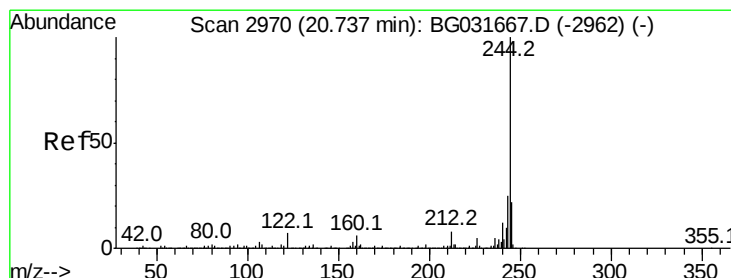
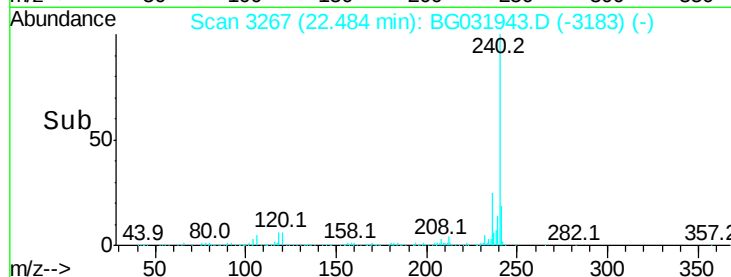
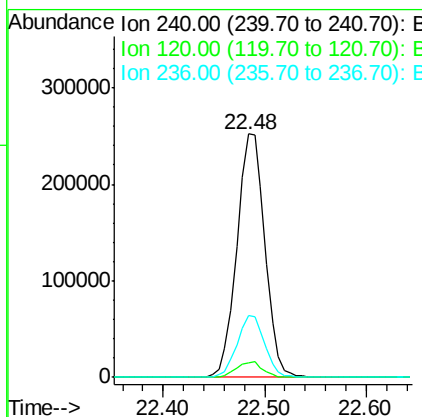
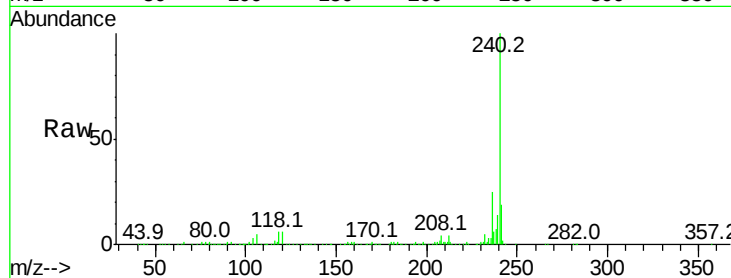




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.04 min
 Lab File: BG031943.D
 Acq: 5 Jan 2018 21:37

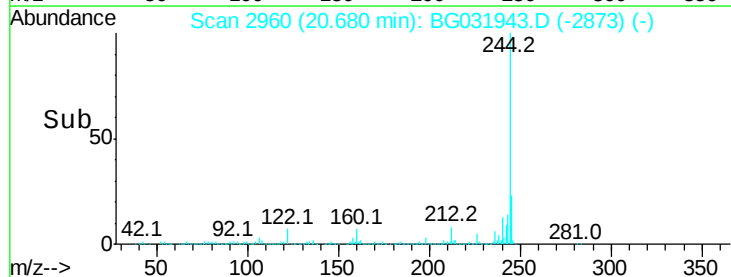
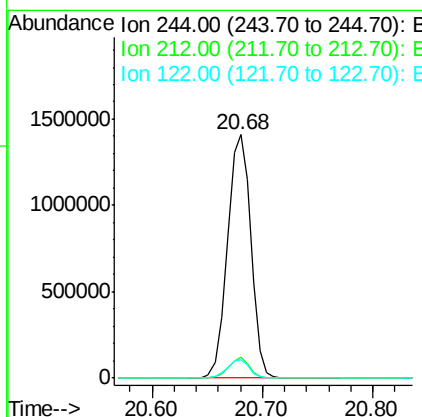
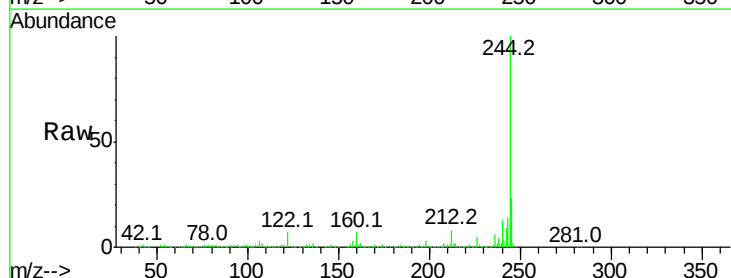
Instrument :
 BNA_G
 ClientSampleId :

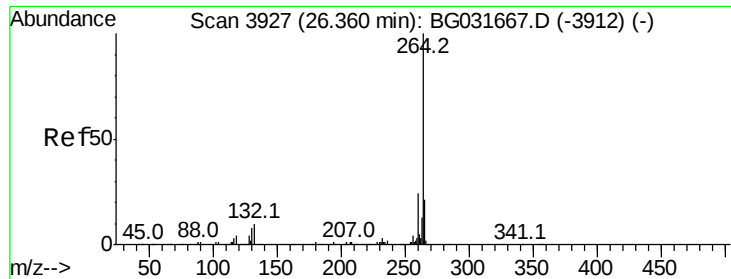
Tot Ion:240 Resp: 483477
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 25.4 20.9 31.3



#78
 Terphenyl-d14
 Concen: 98.918 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.02 min
 Lab File: BG031943.D
 Acq: 5 Jan 2018 21:37

Tgt Ion:244 Resp: 2093292
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 7.3 7.0 10.4

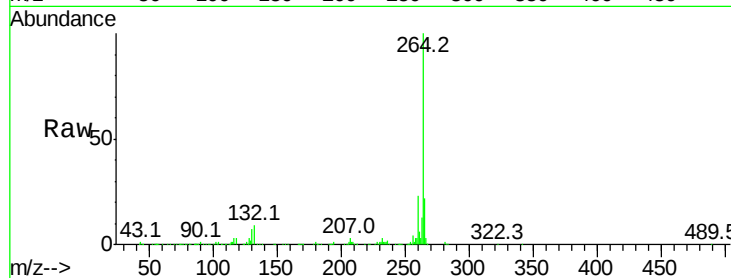




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.08 min
 Lab File: BG031943.D
 Acq: 5 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.4	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

