

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
 Data File : BG044882.D
 Acq On : 19 Mar 2020 3:06
 Operator : CG/JU
 Sample : L1913-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Quant Time: Mar 19 03:46:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	83478	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	317010	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	209258	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	479645	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	518146	20.00	ng	-0.01
87) Perylene-d12	24.88	264	548992	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	313230	58.41	ng	0.00
7) Phenol-d6	7.20	99	259801	33.34	ng	0.00
23) Nitrobenzene-d5	9.20	82	663188	91.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	414912	151.43	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1353158	92.60	ng	0.00
79) Terphenyl-d14	20.03	244	2246904	81.12	ng	0.00

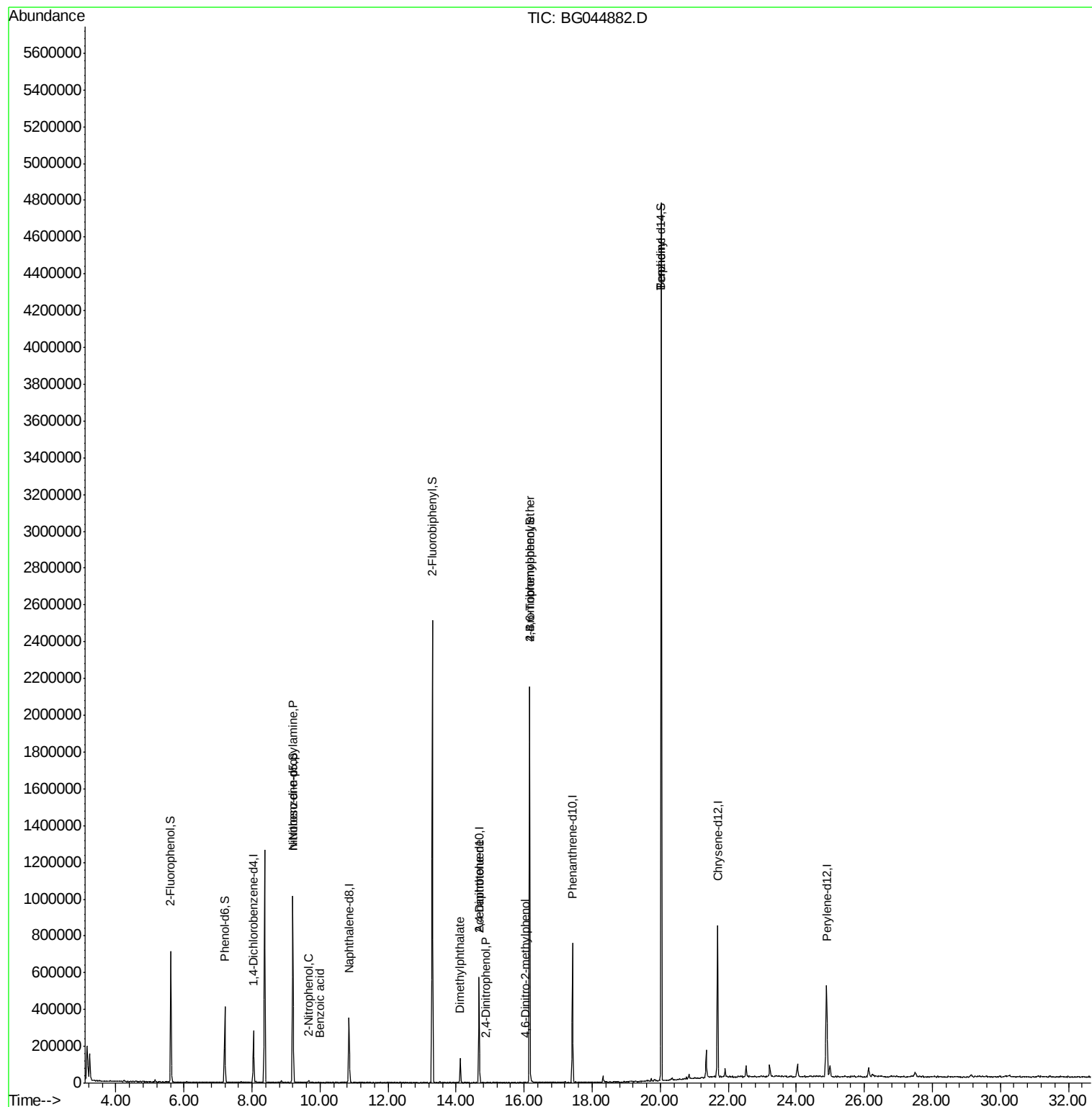
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.18	77	845	Below Cal		89
19) n-Nitroso-di-n-propylamine	9.20	70	90660	16.48	ng	# 71
26) 2-Nitrophenol	9.67	139	113	5.55	ng	# 28
32) Benzoic acid	10.00	122	58	9.68	ng	# 1
50) Dimethylphthalate	14.12	163	90104	5.41	ng	98
54) 2,4-Dinitrophenol	14.88	184	75	8.36	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	27835	6.04	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.02	198	58	7.75	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	29050	4.84	ng	# 1
77) Benzidine	20.03	184	43065	2.56	ng	# 91

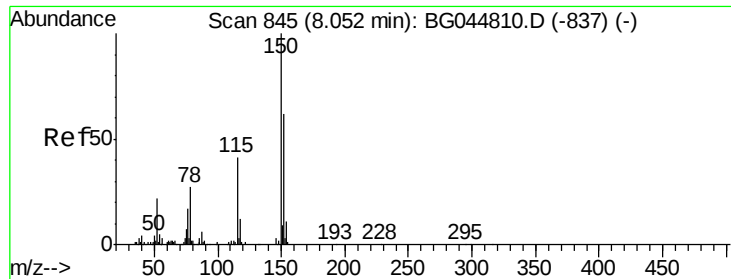
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044882.D
Acq On : 19 Mar 2020 3:06
Operator : CG/JU
Sample : L1913-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Quant Time: Mar 19 03:46:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

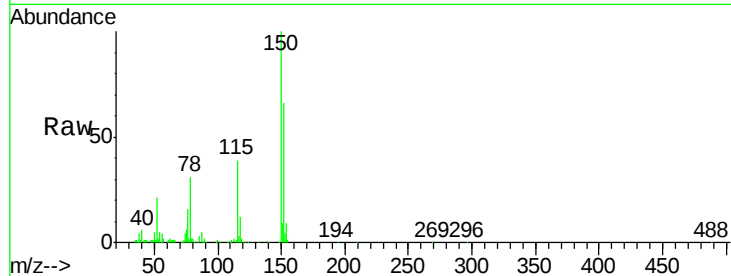
Tgt Ion:152 Resp: 83478

Ion Ratio Lower Upper

152 100

150 150.7 128.8 193.2

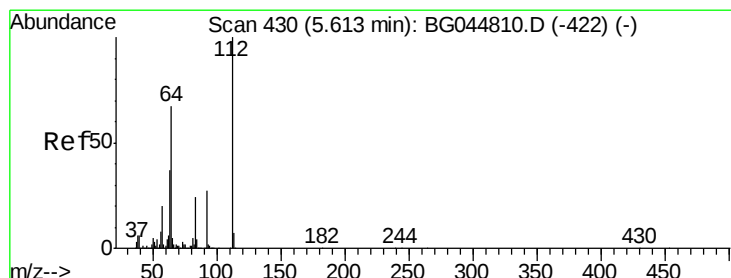
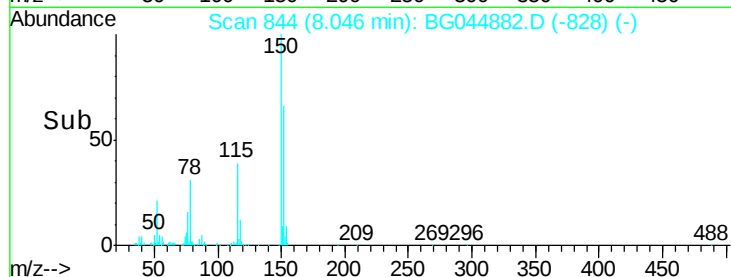
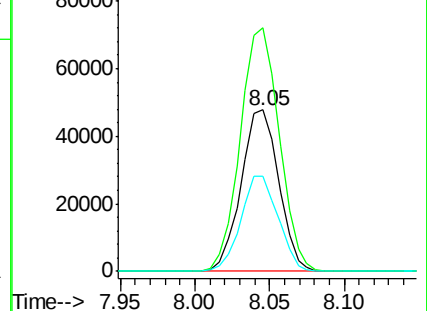
115 58.9 52.6 79.0



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: 58.41 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

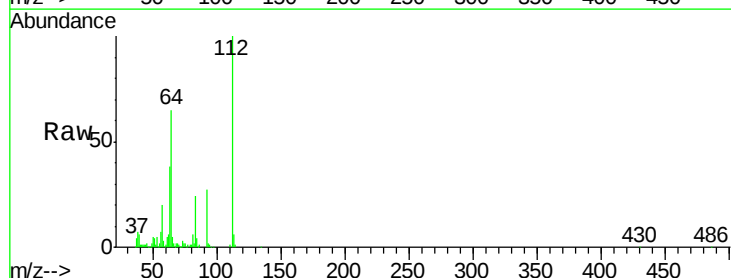
Tgt Ion:112 Resp: 313230

Ion Ratio Lower Upper

112 100

64 64.6 53.4 80.2

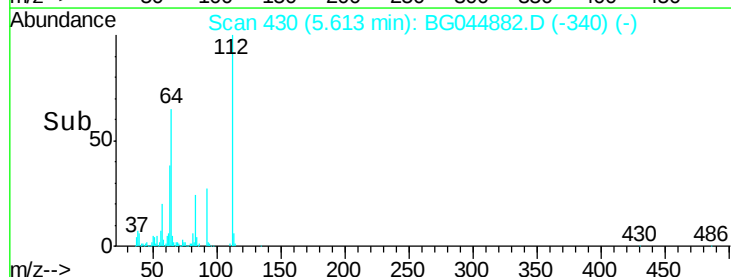
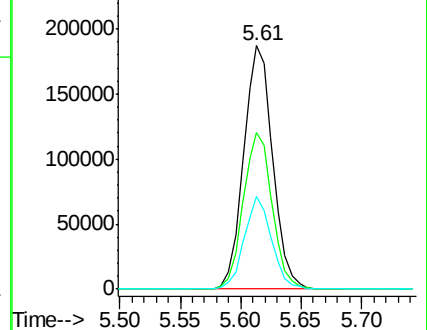
63 38.1 29.4 44.2

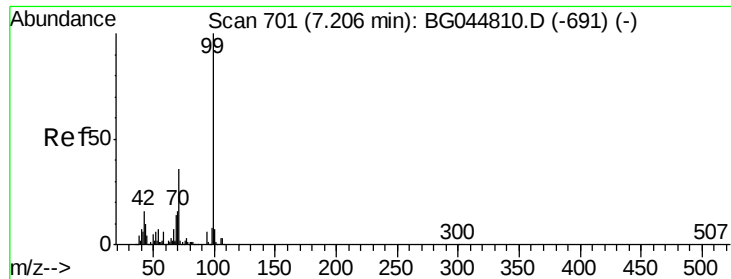


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.34 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

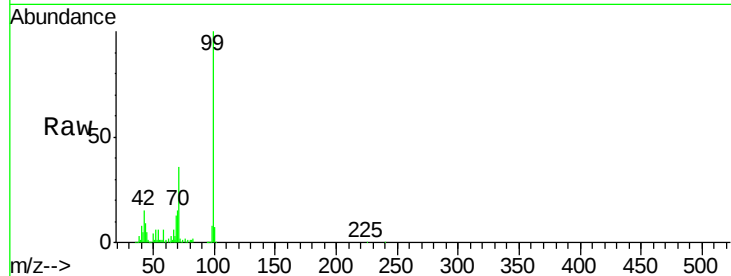
Tgt Ion: 99 Resp: 259801

Ion Ratio Lower Upper

99 100

42 15.4 12.6 19.0

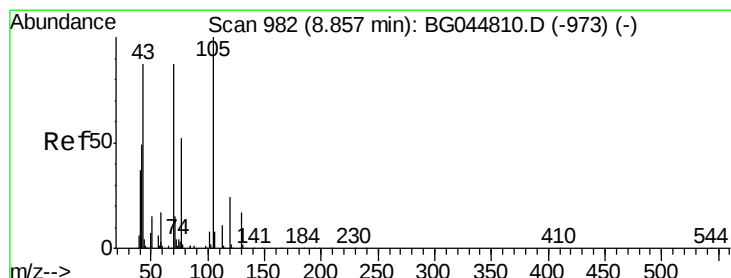
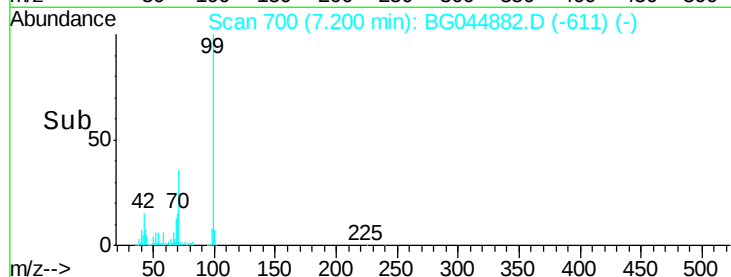
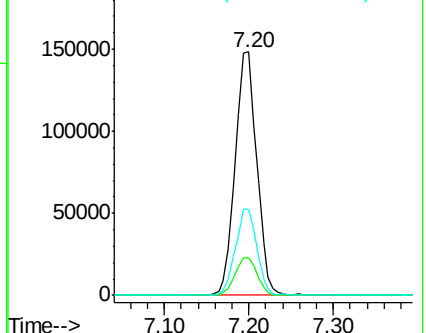
71 35.6 29.0 43.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.48 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Tgt Ion: 70 Resp: 90660

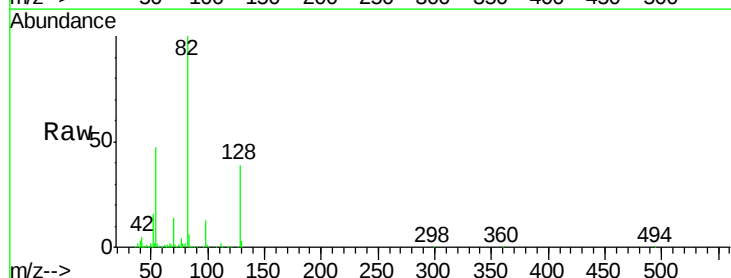
Ion Ratio Lower Upper

70 100

42 37.7 45.7 68.5#

101 0.0 7.4 11.2#

130 1.9 15.9 23.9#

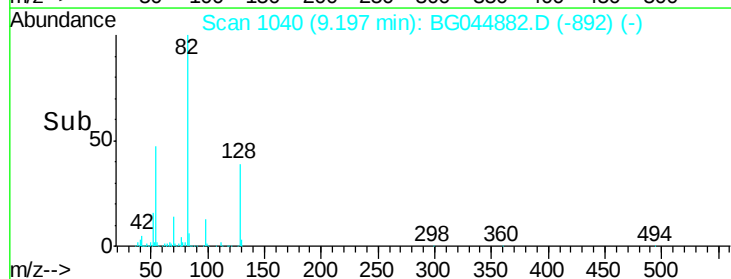
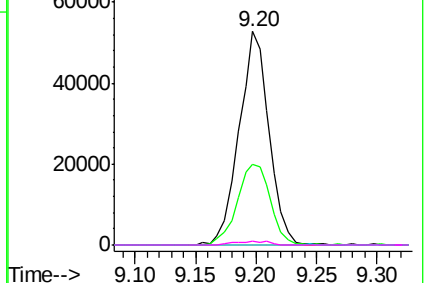


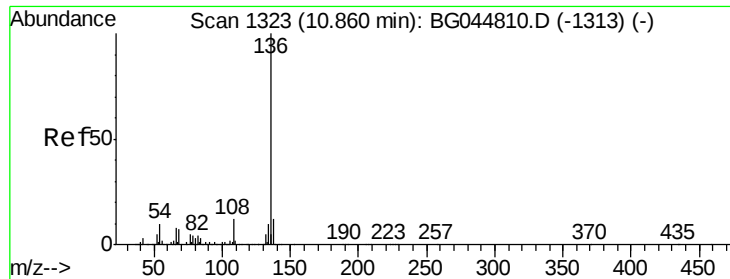
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

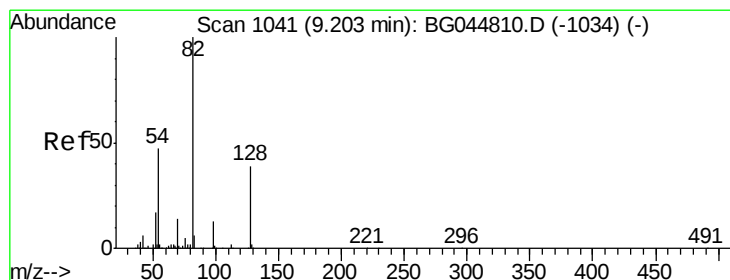
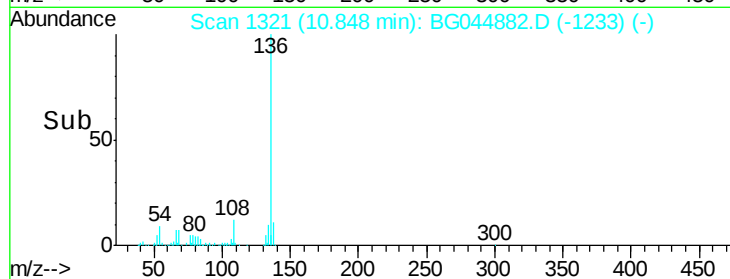
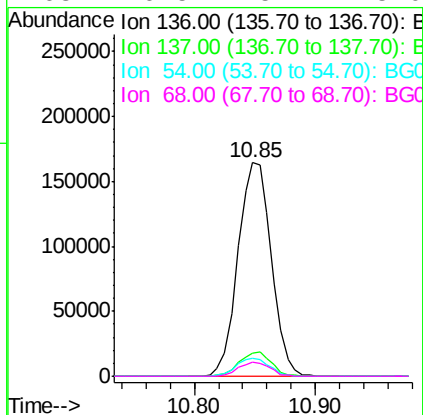
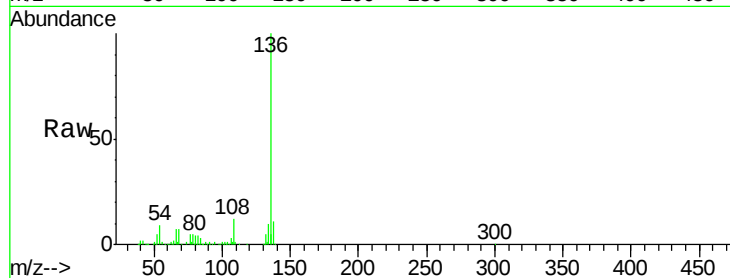




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

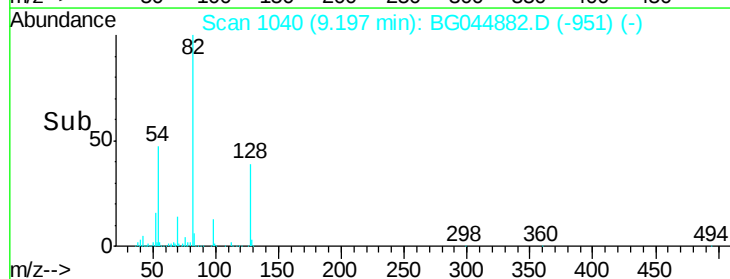
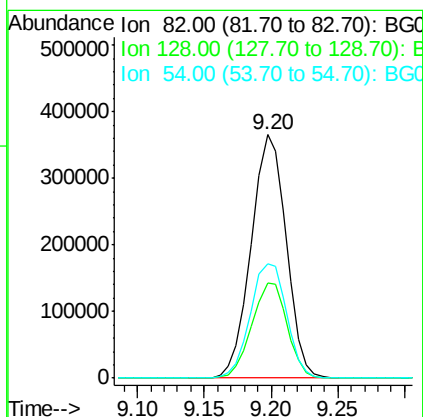
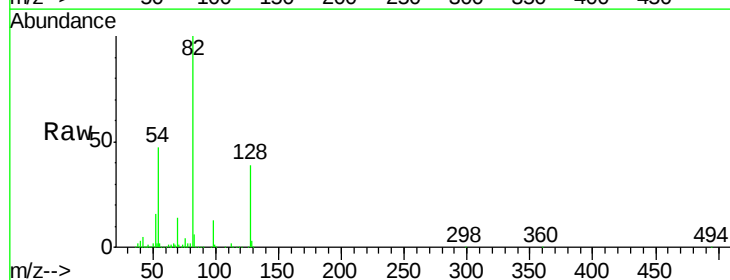
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

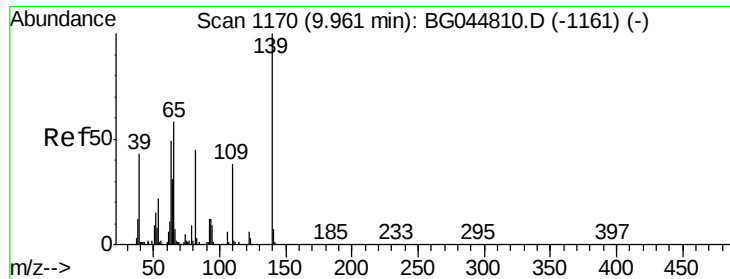
Tgt Ion:	136	Resp:	317010
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.7	7.9	11.9
68	6.5	5.4	8.0



#23
Nitrobenzene-d5
Concen: 91.80 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Tgt Ion:	82	Resp:	663188
Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	47.1	37.1	55.7

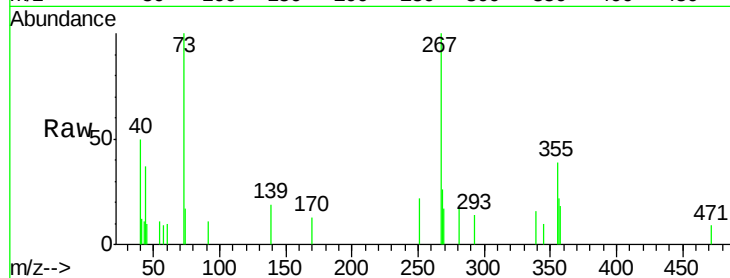




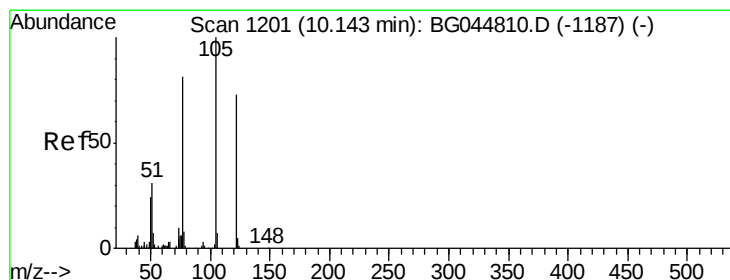
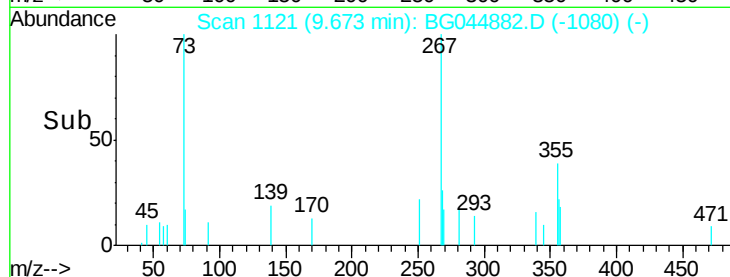
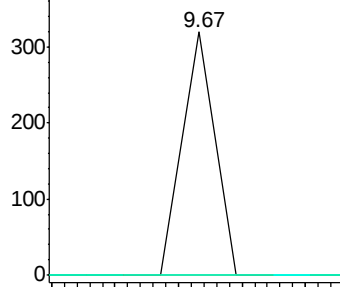
#26
2-Nitrophenol
Concen: 5.55 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.29 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:139 Resp: 113
Ion Ratio Lower Upper
139 100
109 0.0 30.2 45.4#
65 0.0 46.3 69.5#

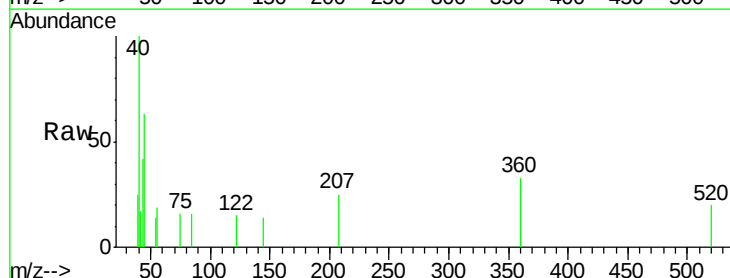


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

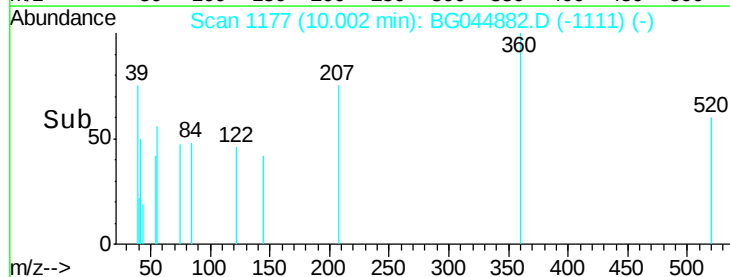
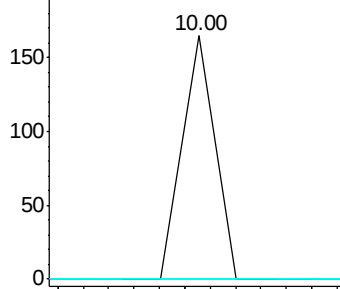


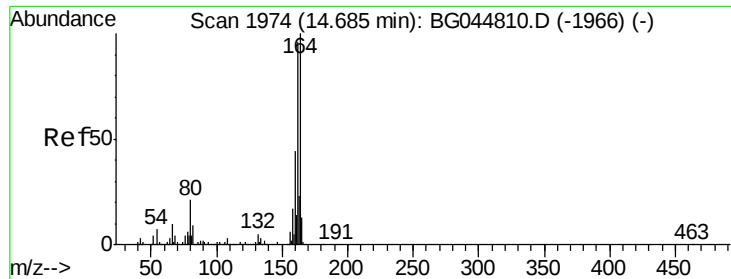
#32
Benzoic acid
Concen: 9.68 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.14 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 109.1 149.1#
77 0.0 85.3 125.3#



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): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

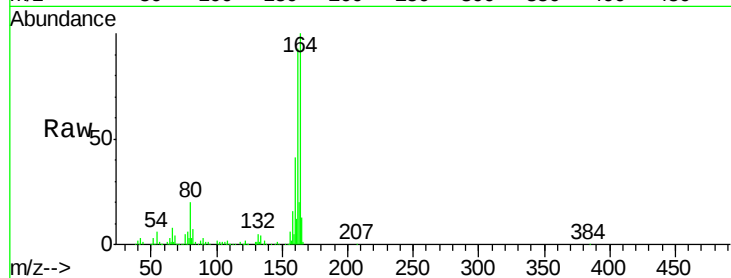
Tgt Ion:164 Resp: 209258

Ion Ratio Lower Upper

164 100

162 93.2 76.7 115.1

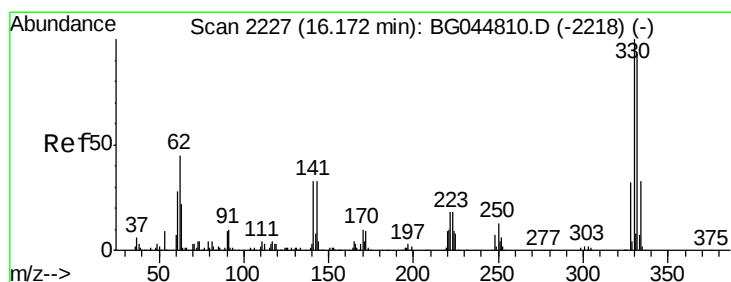
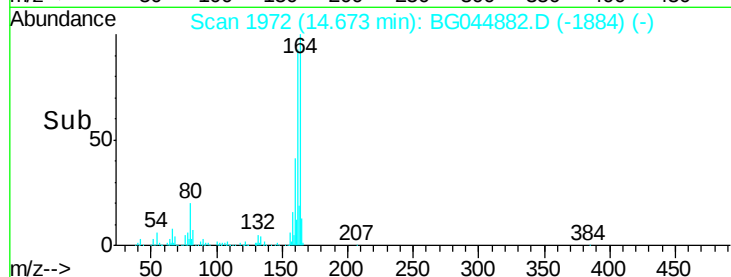
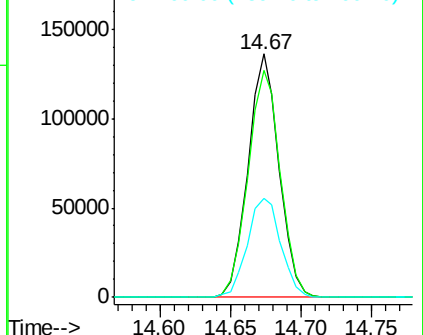
160 40.5 35.0 52.4



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



#42

2,4,6-Tribromophenol

Concen: 151.43 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

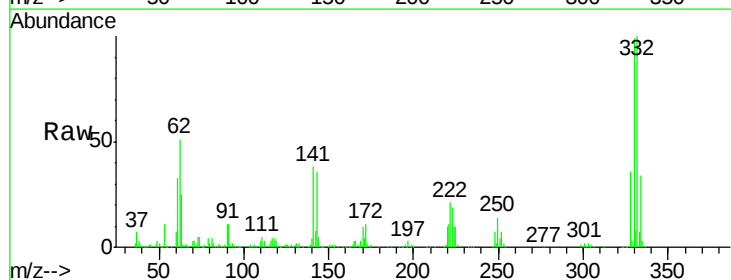
Tgt Ion:330 Resp: 414912

Ion Ratio Lower Upper

330 100

332 98.2 77.8 116.6

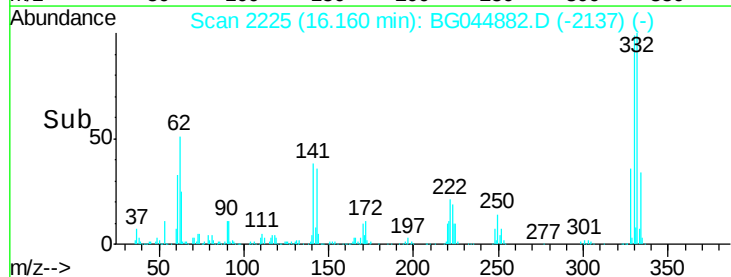
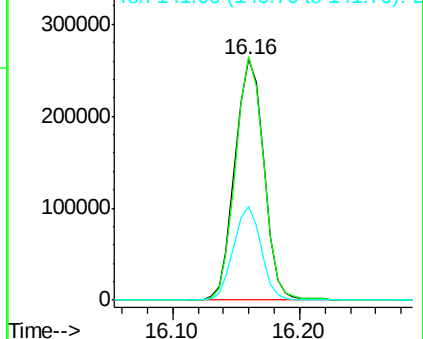
141 37.2 29.5 44.3

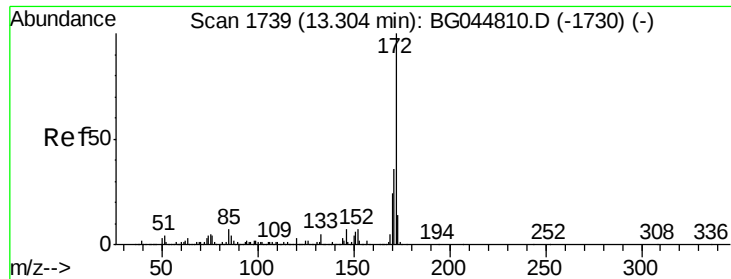


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

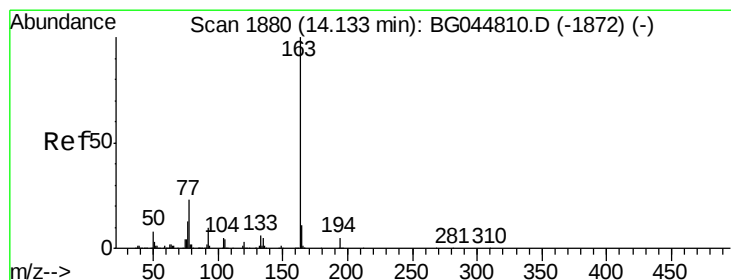
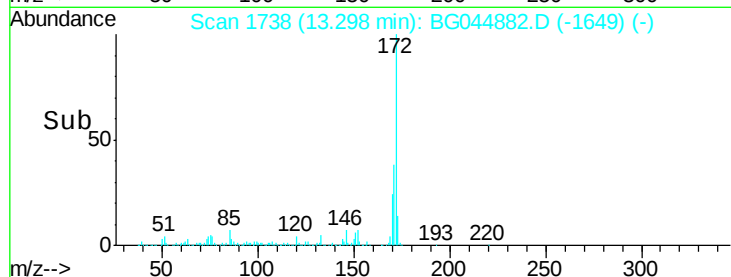
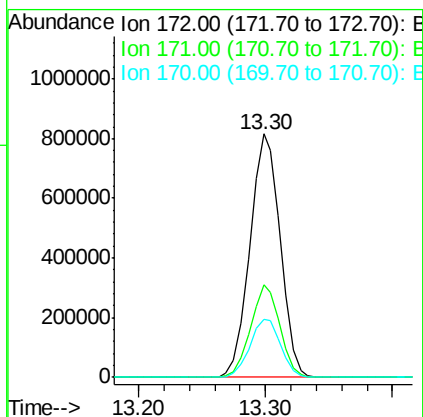
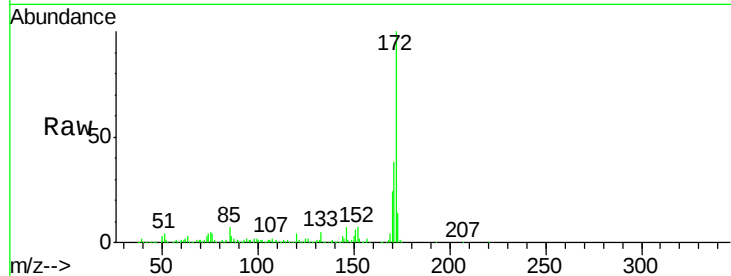




#45
2-Fluorobiphenyl
Concen: 92.60 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

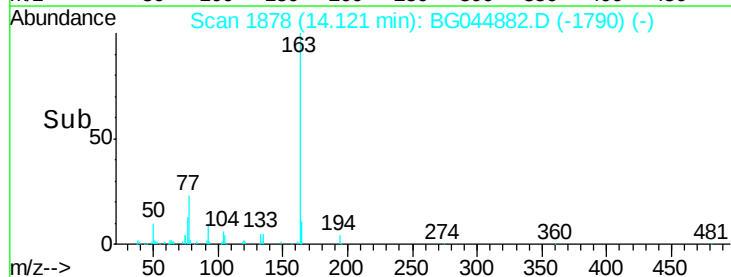
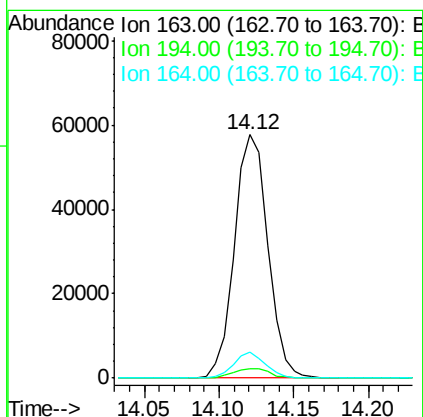
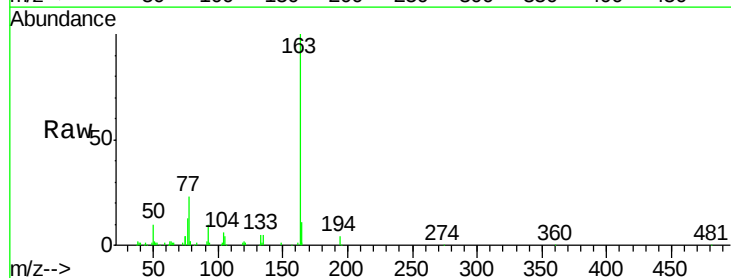
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

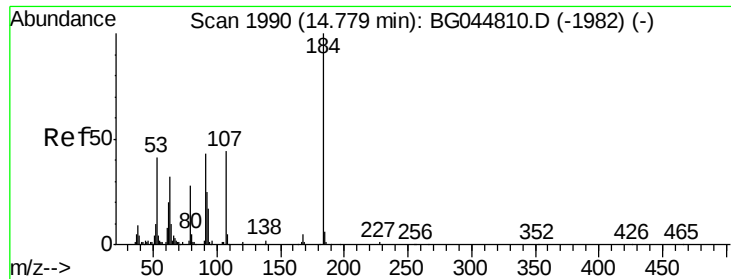
Tgt Ion:172 Resp: 1353158
Ion Ratio Lower Upper
172 100
171 38.1 28.7 43.1
170 24.0 19.0 28.6



#50
Dimethylphthalate
Concen: 5.41 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Tgt Ion:163 Resp: 90104
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.9 9.1 13.7

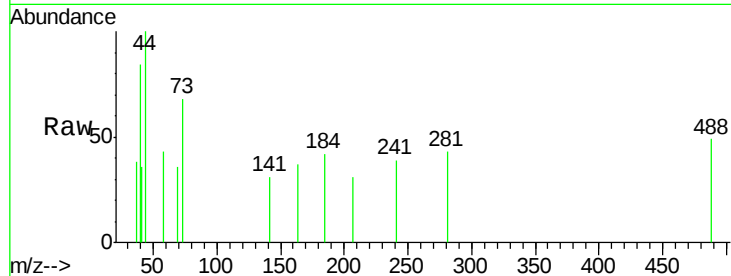




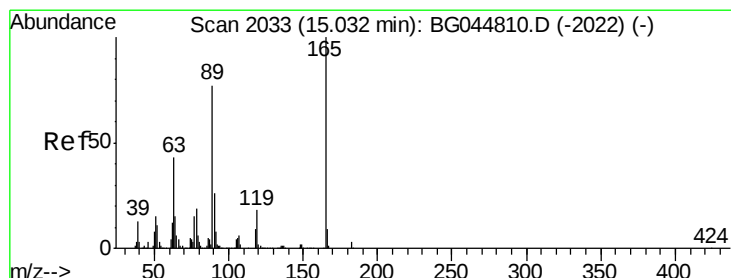
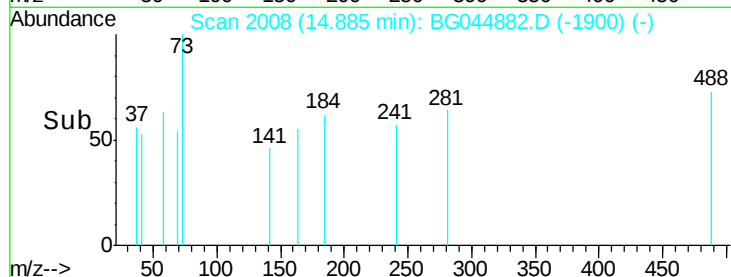
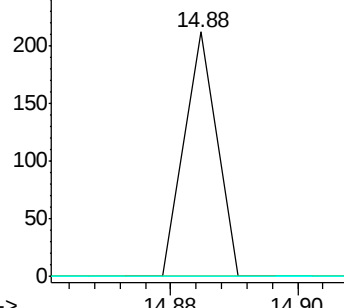
#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.88 min Scan# 2008
Delta R.T. 0.11 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:184 Resp: 75
Ion Ratio Lower Upper
184 100
63 0.0 45.5 68.3#
154 0.0 49.1 73.7#

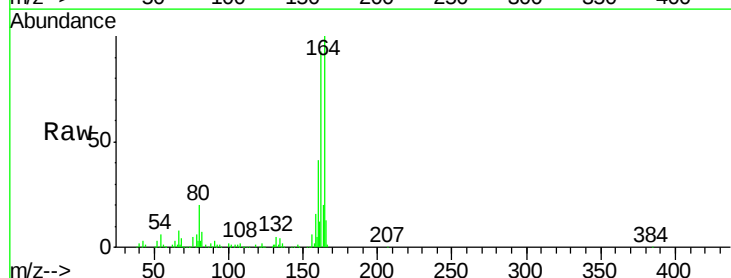


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

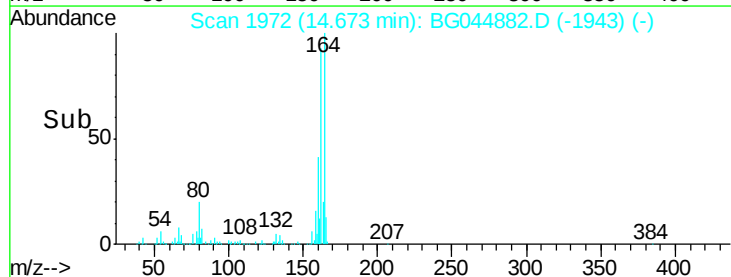
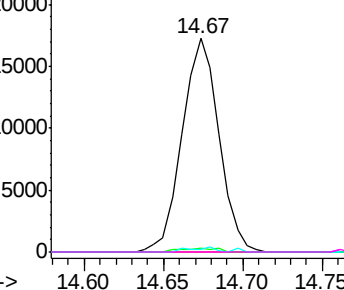


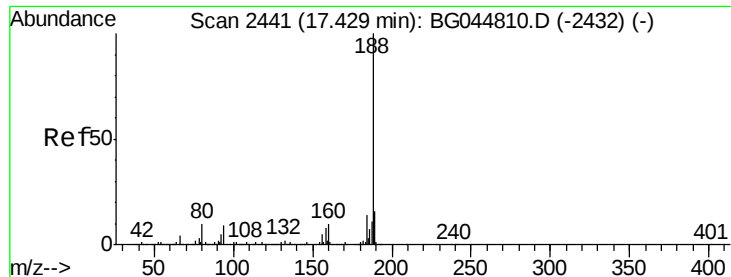
#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Tgt Ion:165 Resp: 27835
Ion Ratio Lower Upper
165 100
63 1.8 34.6 52.0#
89 1.2 61.3 91.9#
182 0.0 2.2 3.2#



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





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

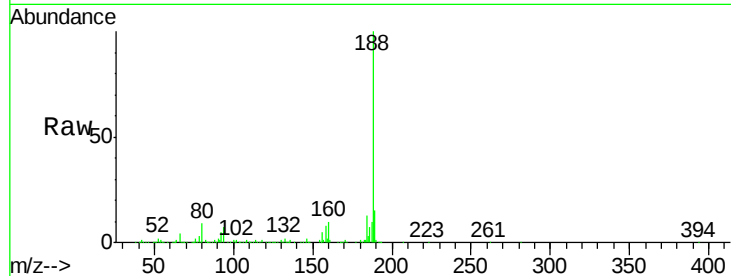
Tgt Ion:188 Resp: 479645

Ion Ratio Lower Upper

188 100

94 7.4 7.3 10.9

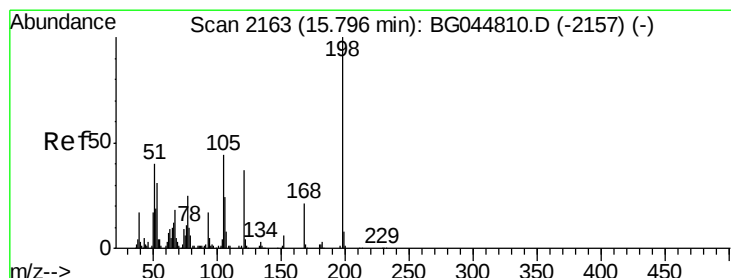
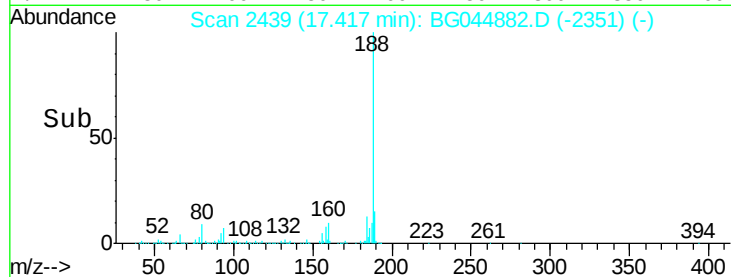
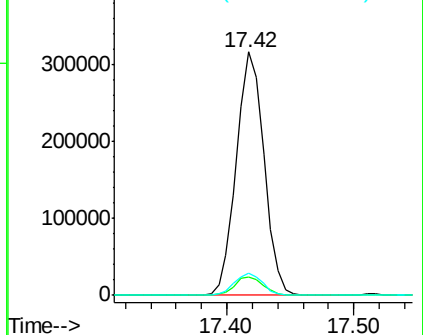
80 9.3 8.0 12.0



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.75 ng

RT: 16.02 min Scan# 2202

Delta R.T. 0.23 min

Lab File: BG044882.D

Acq: 19 Mar 2020 3:06

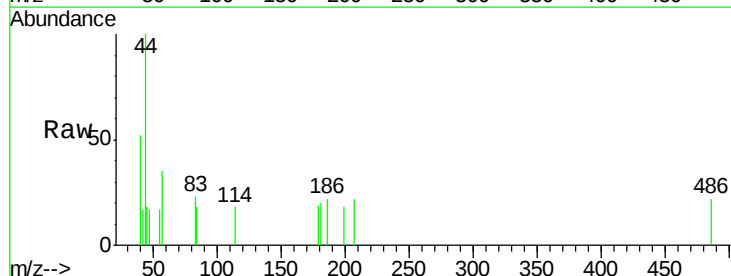
Tgt Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 0.0 21.1 61.1#

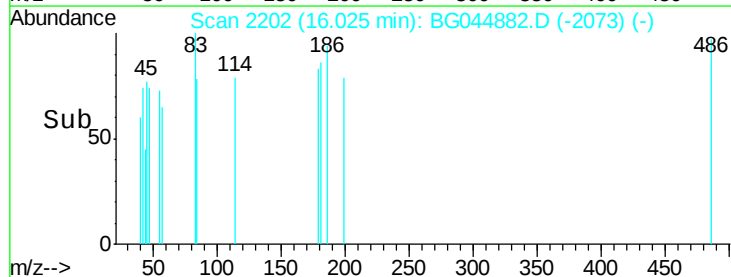
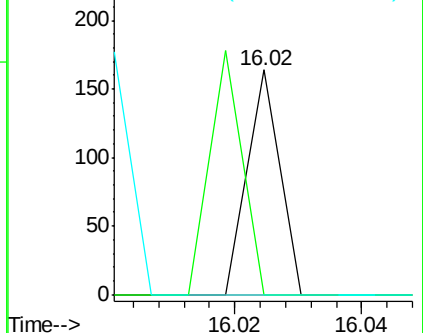
105 0.0 24.5 64.5#

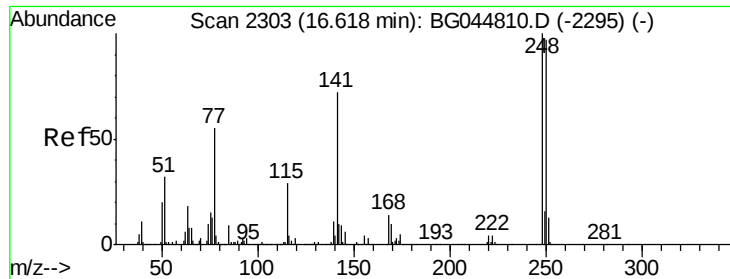


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

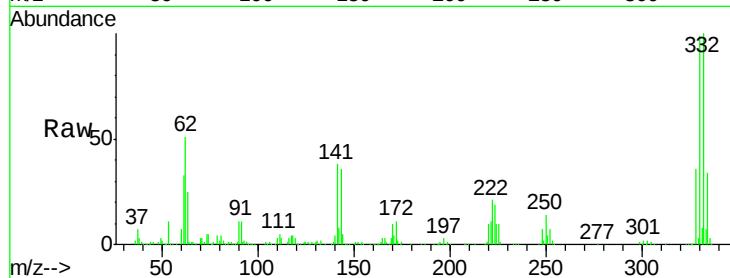




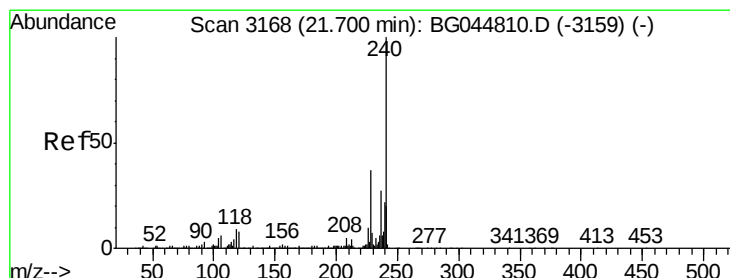
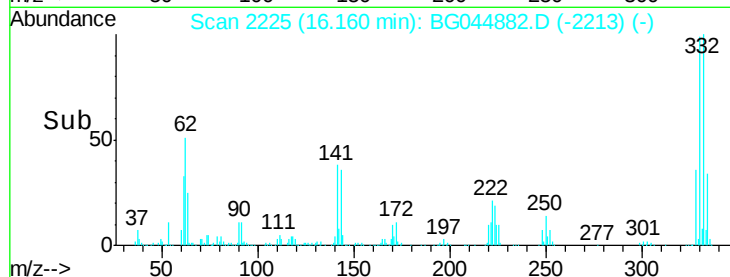
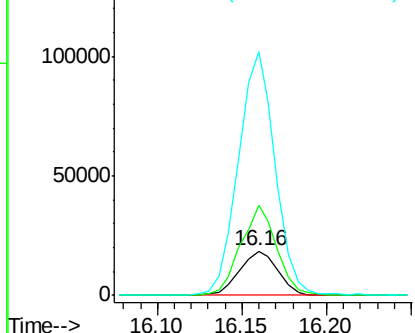
#67
 4-Bromophenyl-phenylether
 Concen: 4.84 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.46 min
 Lab File: BG044882.D
 Acq: 19 Mar 2020 3:06

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:248 Resp: 29050
 Ion Ratio Lower Upper
 248 100
 250 203.9 77.9 116.9#
 141 553.8 57.5 86.3#

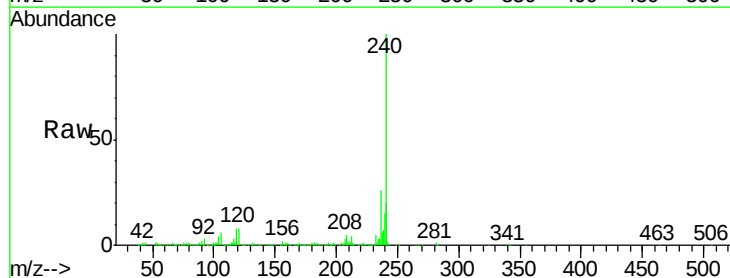


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

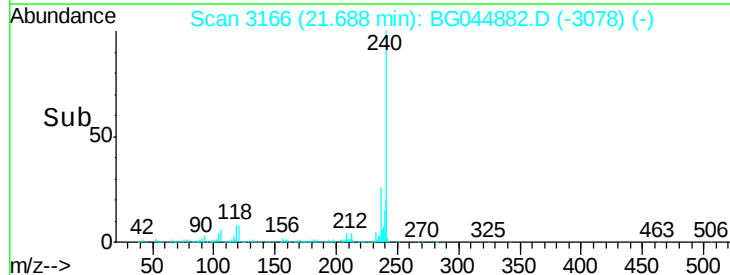
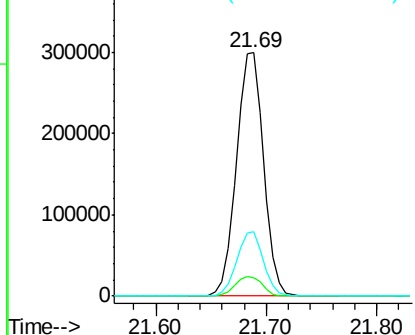


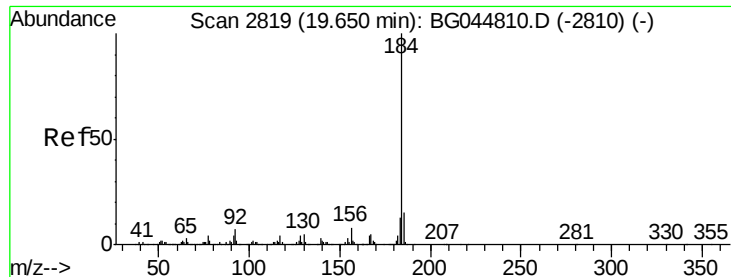
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG044882.D
 Acq: 19 Mar 2020 3:06

Tgt Ion:240 Resp: 518146
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.7 10.1
 236 26.2 21.5 32.3



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

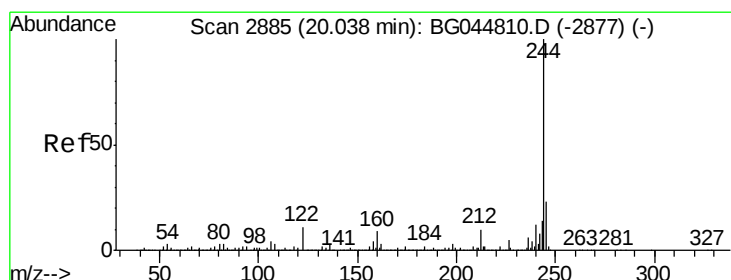
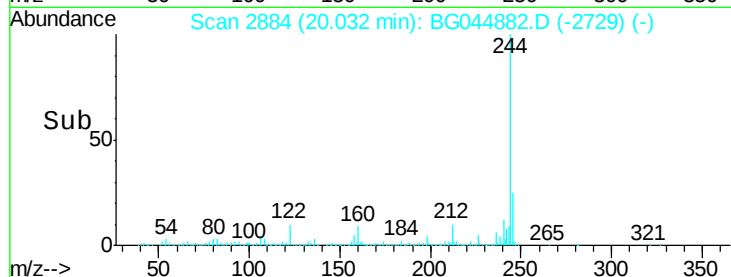
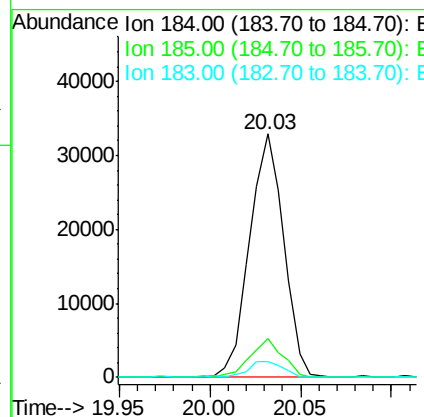
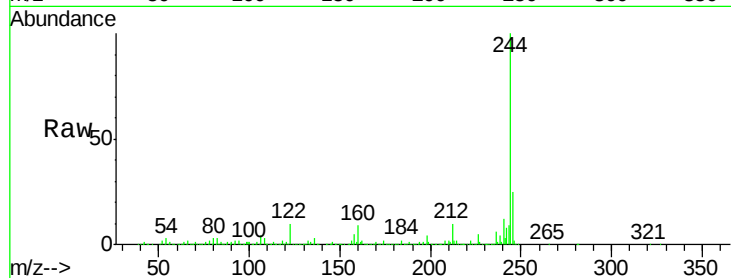




#77
Benzidine
Concen: 2.56 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

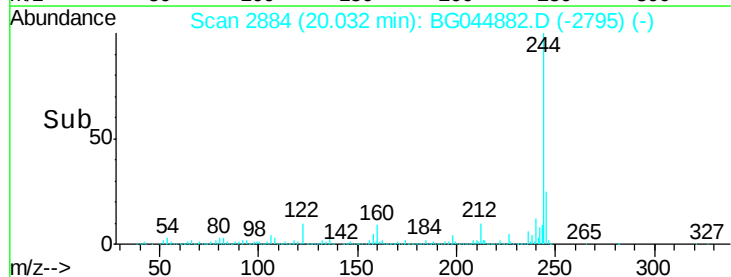
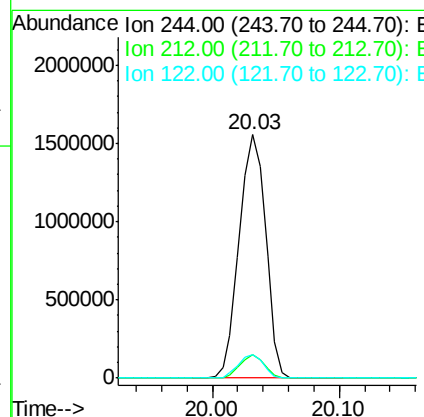
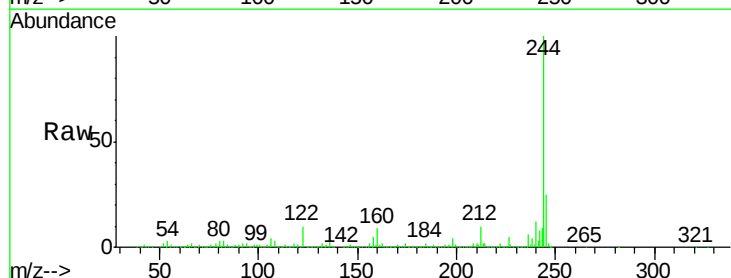
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

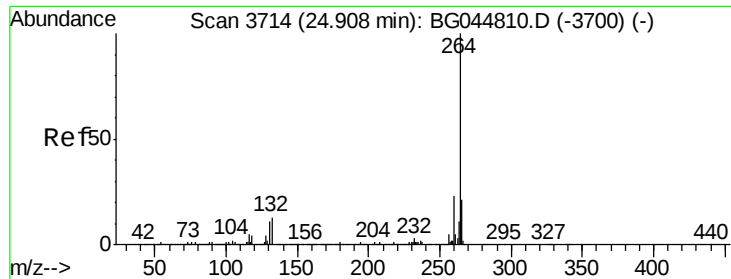
Tgt Ion:184 Resp: 43065
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.4
183 6.6 10.7 16.1#



#79
Terphenyl-d14
Concen: 81.12 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Tgt Ion:244 Resp: 2246904
Ion Ratio Lower Upper
244 100
212 9.8 7.7 11.5
122 9.7 8.6 12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.88 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044882.D
Acq: 19 Mar 2020 3:06

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:	264	Resp:	548992
Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.1	27.1
265	19.1	17.1	25.7

