

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044414.D
 Acq On : 12 Feb 2020 18:29
 Operator : CG/JU
 Sample : L1491-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:06:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	63602	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	261863	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	185216	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	460926	20.00	ng	0.00
76) Chrysene-d12	21.52	240	440396	20.00	ng	-0.01
87) Perylene-d12	24.62	264	449754	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	415912	115.41	ng	0.00
7) Phenol-d6	7.07	99	554550	114.59	ng	0.00
23) Nitrobenzene-d5	9.06	82	328508	70.82	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	251981	115.89	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	805485	72.82	ng	0.00
79) Terphenyl-d14	19.90	244	1392863	65.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	119	0.073	ng	# 1
3) Pyridine	3.92	79	54	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.69	42	191	0.106	ng	# 1
9) Benzaldehyde	7.07	77	846	0.307	ng	# 1
10) Phenol	7.10	94	4812	1.005	ng	# 60
15) Benzyl Alcohol	8.23	79	5182	1.512	ng	# 45
19) n-Nitroso-di-n-propylamine	9.06	70	41996	13.021	ng	# 79
24) Nitrobenzene	9.06	77	1133	0.250	ng	# 36
25) Isophorone	9.72	82	121	0.014	ng	# 64
46) 1,1'-Biphenyl	13.38	154	1896	0.142	ng	# 88
48) 2-Nitroaniline	14.00	65	157	0.050	ng	# 1
49) Acenaphthylene	14.39	152	63	0.004	ng	# 58
50) Dimethylphthalate	14.00	163	33042	2.482	ng	# 97
51) 2,6-Dinitrotoluene	14.54	165	23513	7.921	ng	# 28
52) Acenaphthene	14.54	154	630	0.062	ng	# 5
53) 3-Nitroaniline	14.86	138	54	0.016	ng	# 1
57) 2,4-Dinitrotoluene	14.54	165	23513	5.651	ng	# 26
58) Fluorene	16.03	166	11354	0.942	ng	# 92
60) Diethylphthalate	15.36	149	131	0.010	ng	# 57
63) Azobenzene	16.03	77	1287	0.111	ng	# 8
65) 4,6-Dinitro-2-methylphenol	16.03	198	614	0.241	ng	# 1
66) n-Nitrosodiphenylamine	16.03	169	9351	0.724	ng	# 45
67) 4-Bromophenyl-phenylether	16.03	248	17167	3.419	ng	# 1
71) Phenanthrene	17.33	178	511	0.023	ng	# 57
72) Anthracene	17.42	178	245	0.011	ng	# 57
73) Carbazole	17.71	167	73	0.004	ng	# 56
74) Di-n-butylphthalate	18.26	149	780	0.031	ng	# 75
75) Fluoranthene	19.34	202	1568	0.061	ng	# 87
77) Benzidine	19.90	184	21692	1.776	ng	# 91
78) Pyrene	19.70	202	1976	0.070	ng	# 88
80) Butylbenzylphthalate	20.60	149	218	0.017	ng	# 41
81) Benzo(a)anthracene	21.51	228	2881	0.106	ng	# 79
82) 3,3'-Dichlorobenzidine	21.21	252	61	0.006	ng	# 1
83) Chrysene	21.57	228	1386	0.053	ng	# 87

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044414.D
 Acq On : 12 Feb 2020 18:29
 Operator : CG/JU
 Sample : L1491-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:06:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

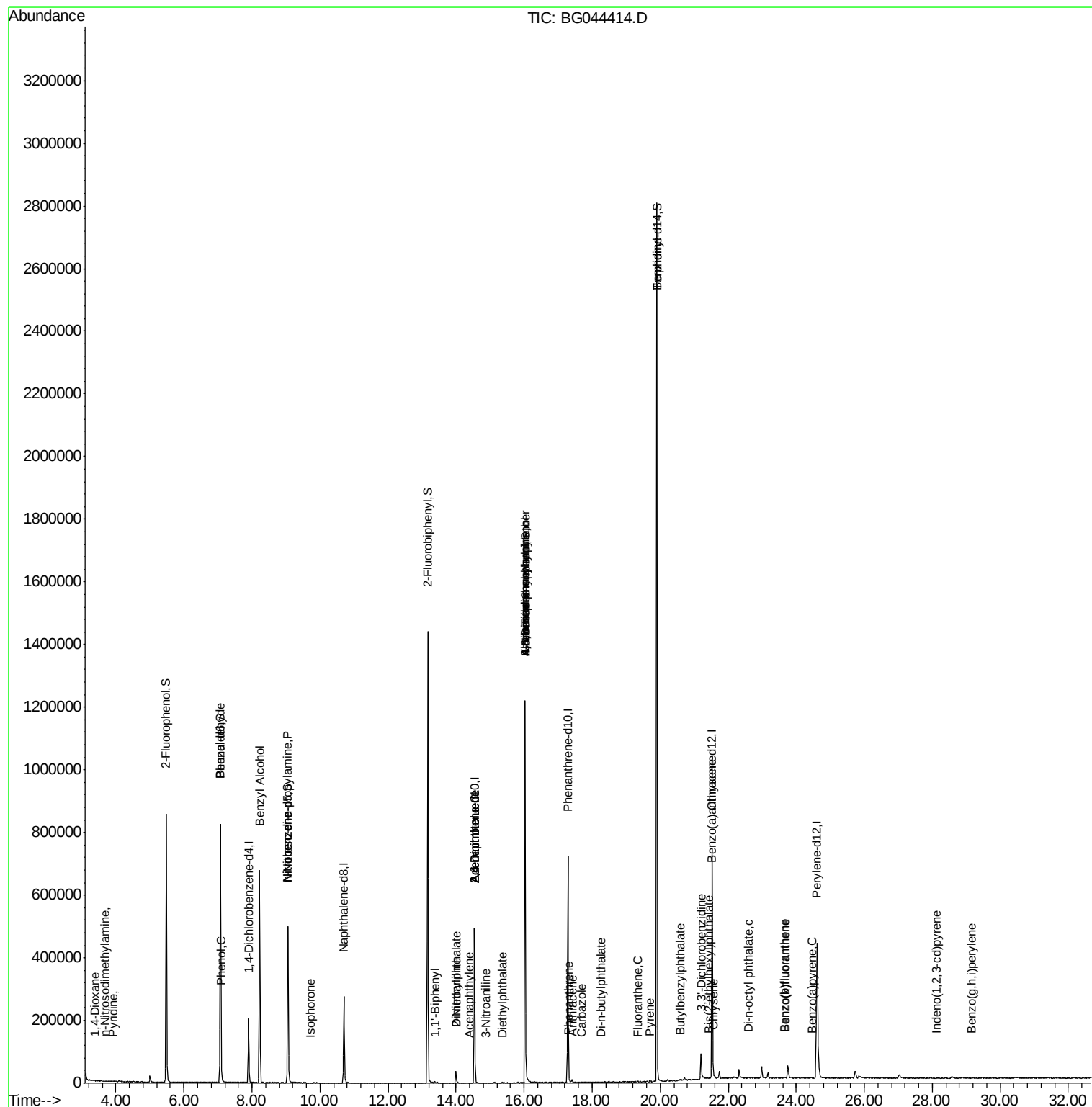
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.43	149	1227	0.069	nq	# 90
85) Di-n-octyl phthalate	22.58	149	340	0.011	nq	# 78
86) Indeno(1,2,3-cd)pyrene	28.12	276	130	0.004	nq	# 50
88) Benzo(b)fluoranthene	23.65	252	1352	0.052	nq	# 65
89) Benzo(k)fluoranthene	23.70	252	1064	0.042	nq	# 58
90) Benzo(a)pyrene	24.47	252	1054	0.043	nq	# 59
92) Benzo(a,h,i)perylene	29.17	276	112	0.005	nq	# 54

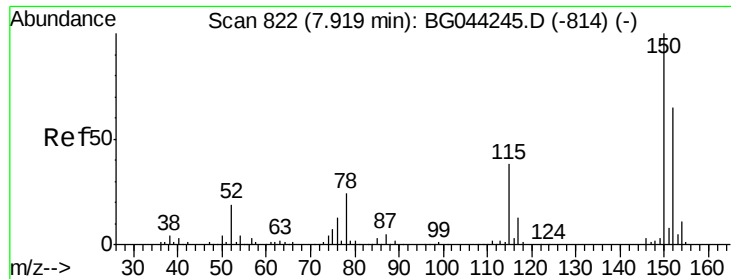
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
Data File : BG044414.D
Acq On : 12 Feb 2020 18:29
Operator : CG/JU
Sample : L1491-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 13 01:06:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



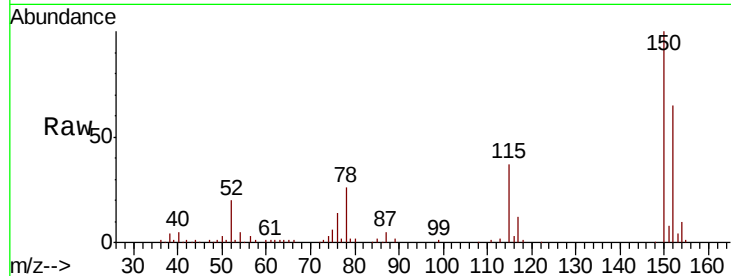


#1

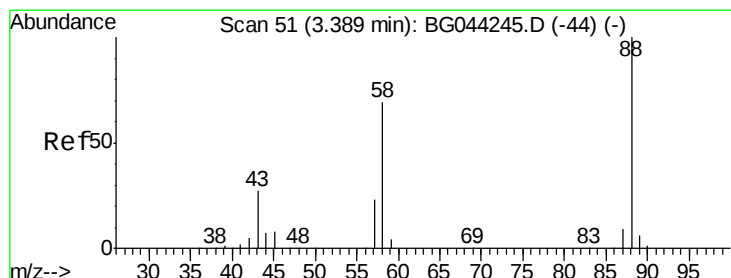
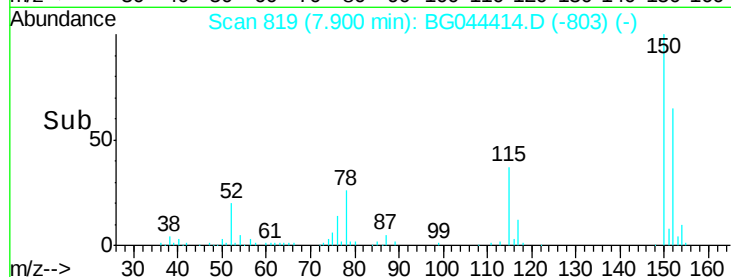
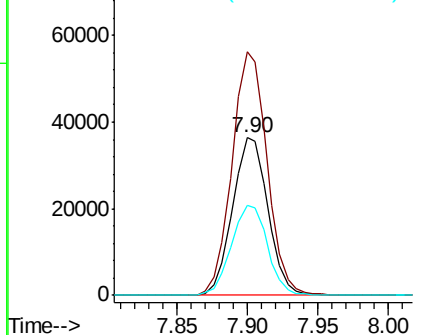
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63602
Ion Ratio Lower Upper
152 100
150 154.8 122.6 183.8
115 57.5 46.0 69.0



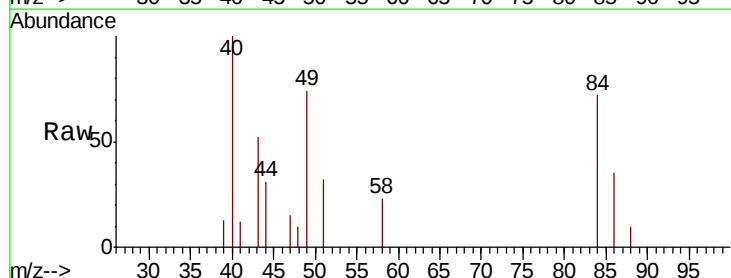
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



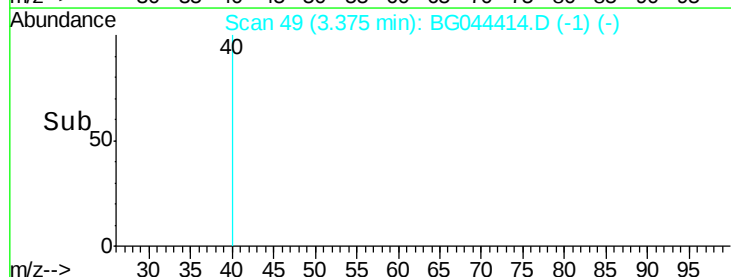
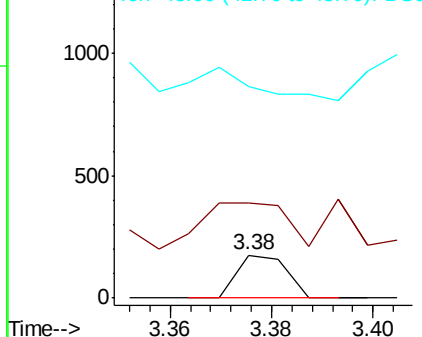
#2

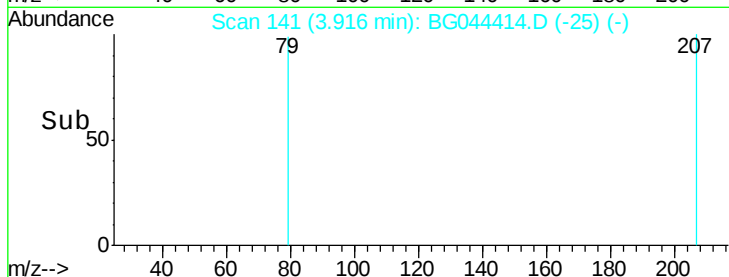
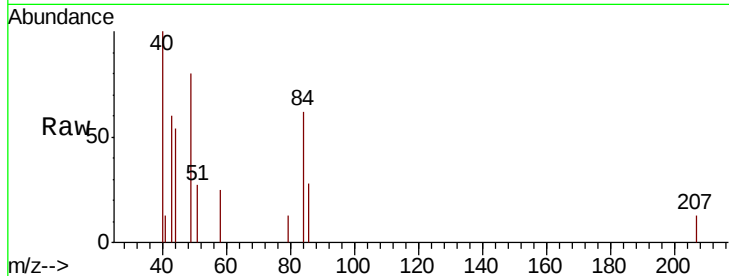
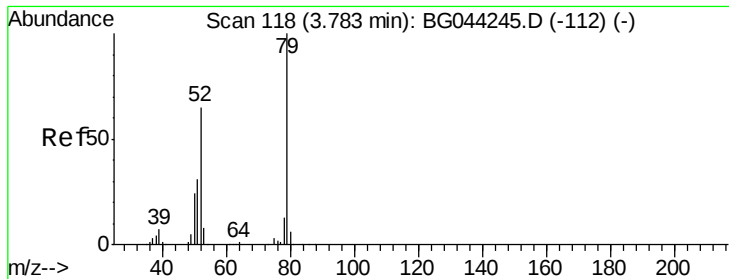
1,4-Dioxane
Concen: 0.073 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
58 183.2 55.8 83.6#
43 0.0 21.6 32.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.013 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.15 min

Lab File: BG044414.D

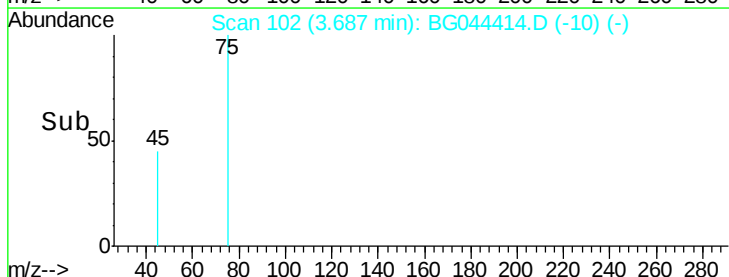
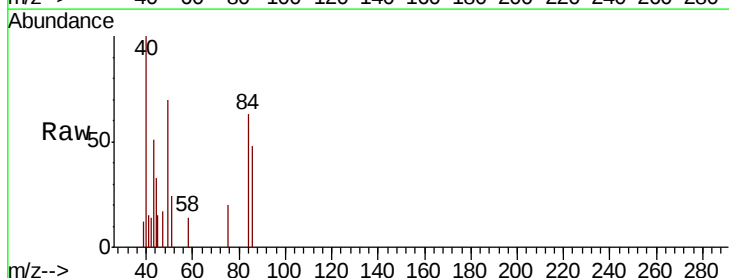
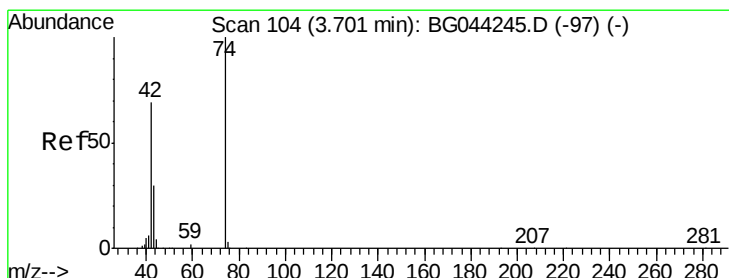
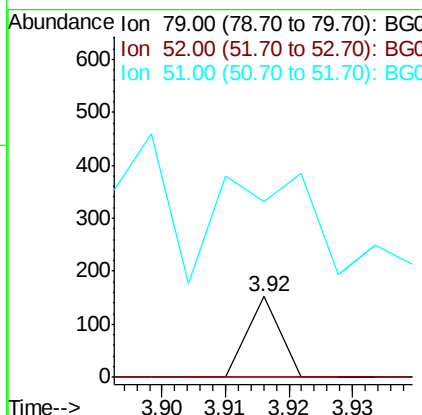
Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	79	Resp:	54
Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.9	77.9#
51	218.4	25.3	37.9#



#4

n-Nitrosodimethylamine

Concen: 0.106 ng

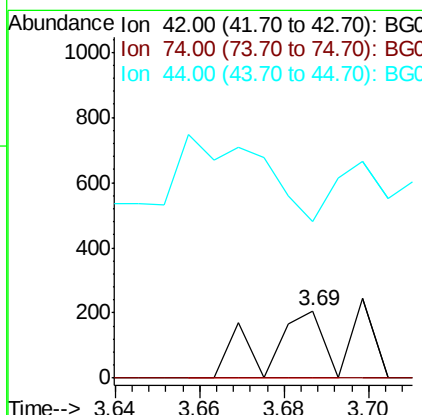
RT: 3.69 min Scan# 102

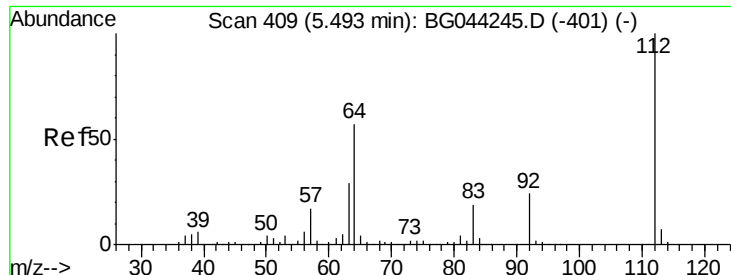
Delta R.T. 0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Tgt Ion:	42	Resp:	191
Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.1	172.7#
44	234.0	5.6	8.4#





#5

2-Fluorophenol

Concen: 115.408 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

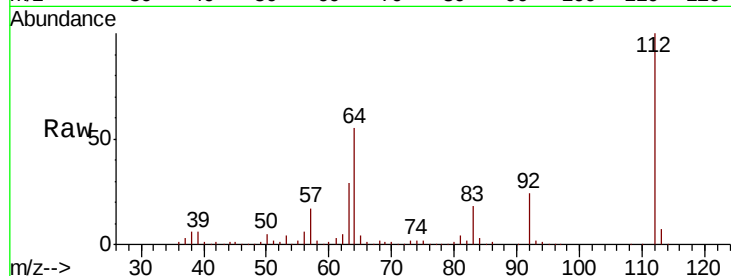
Tot Ion:112 Resp: 415912

Ion Ratio Lower Upper

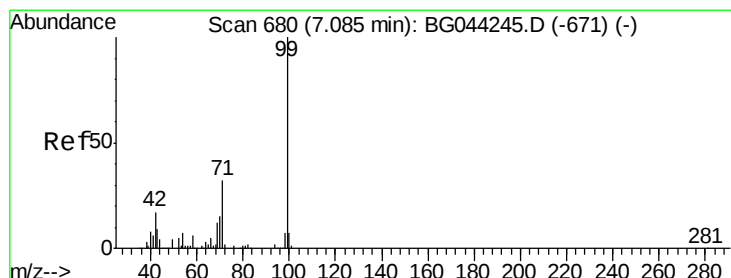
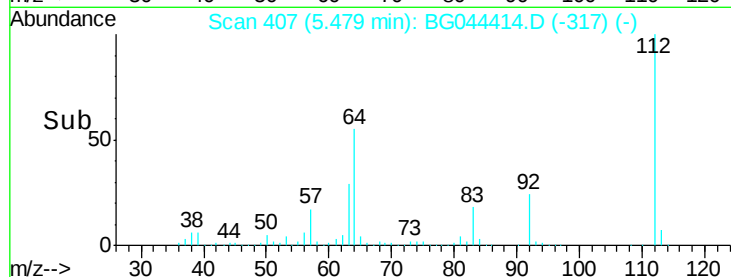
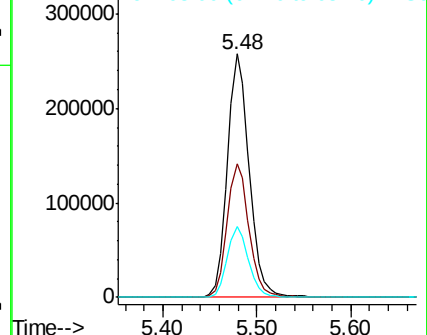
112 100

64 55.0 45.4 68.2

63 29.1 22.9 34.3



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



#7

Phenol-d6

Concen: 114.590 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

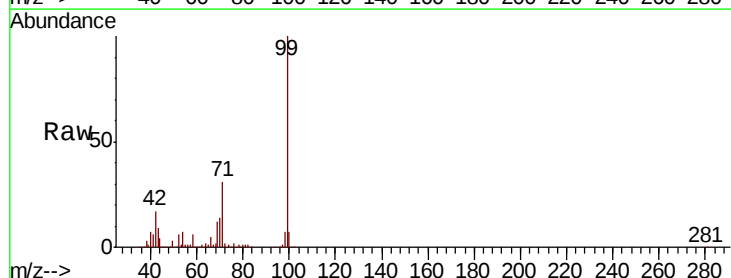
Tgt Ion: 99 Resp: 554550

Ion Ratio Lower Upper

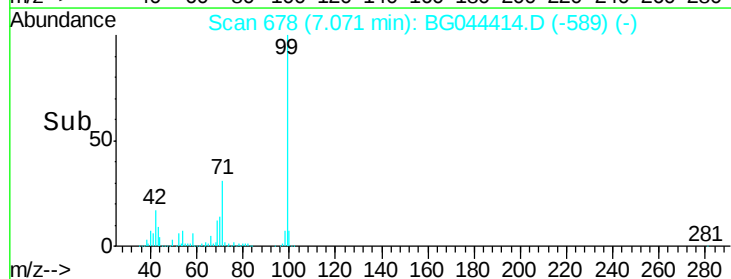
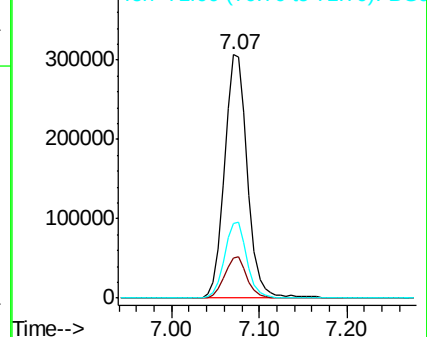
99 100

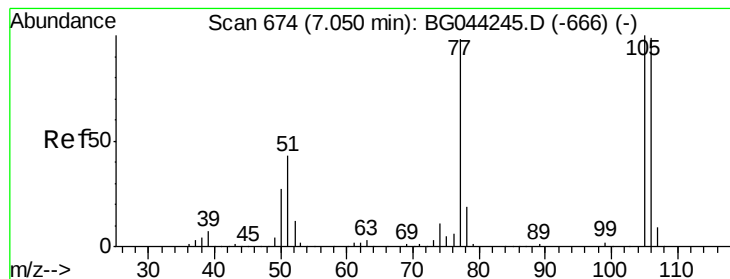
42 16.7 13.8 20.6

71 30.9 25.5 38.3



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





#9

Benzaldehyd

Concen: 0.307 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.03 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

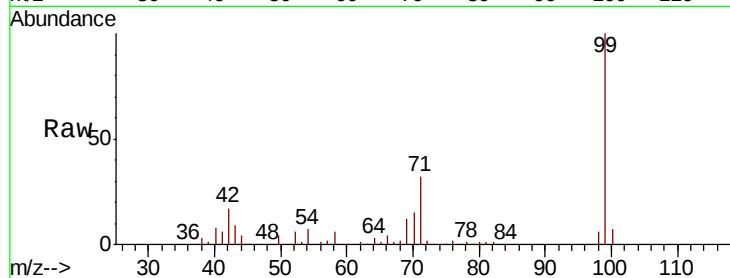
Tot Ion: 77 Resp: 846

Ion Ratio Lower Upper

77 100

105 0.0 82.0 122.0#

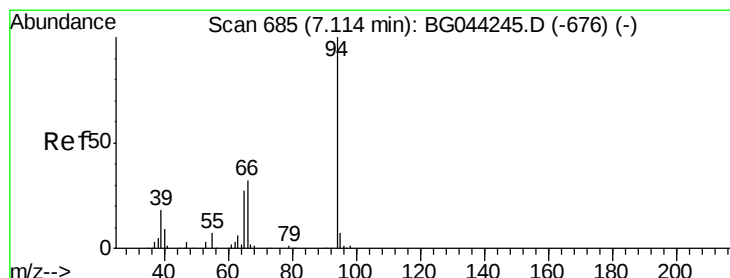
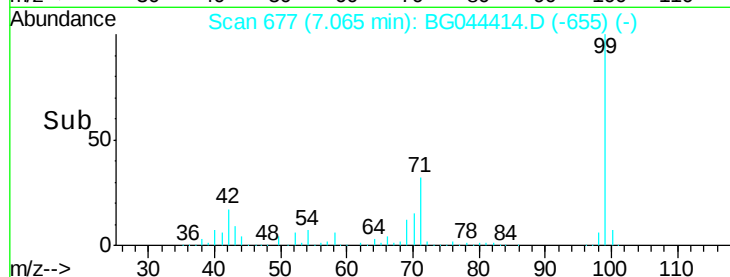
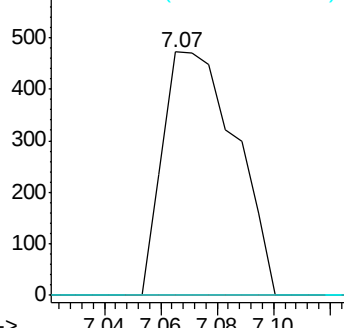
106 0.0 80.7 120.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.005 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

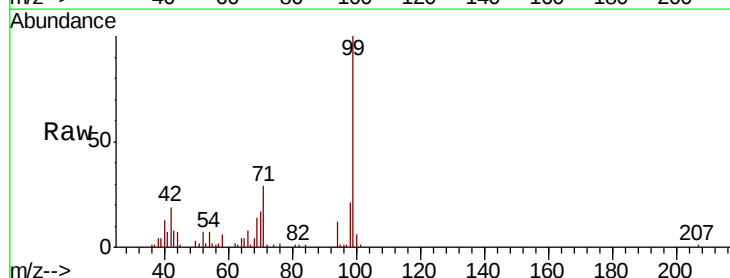
Tgt Ion: 94 Resp: 4812

Ion Ratio Lower Upper

94 100

65 30.6 7.0 47.0

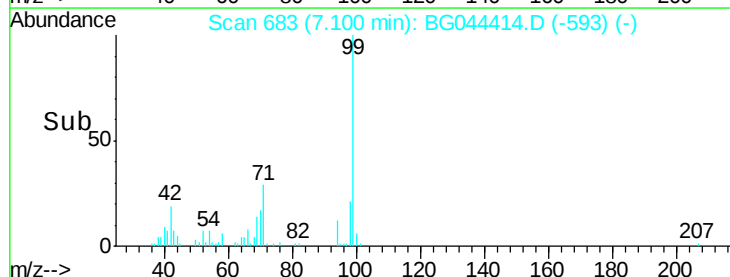
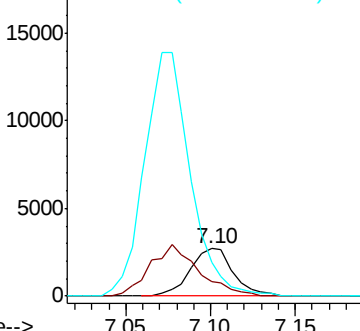
66 70.2 12.7 52.7#

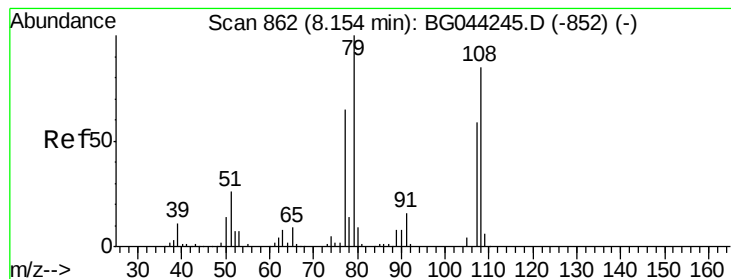


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 1.512 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.09 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

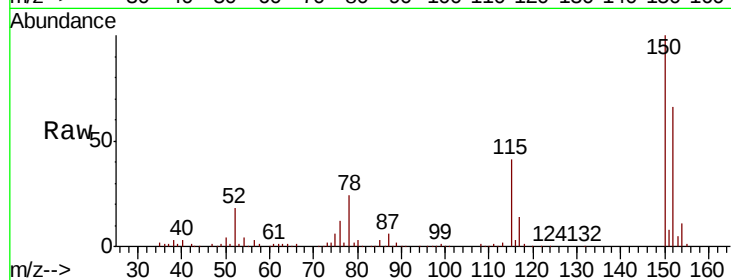
Tot Ion: 79 Resp: 5182

Ion Ratio Lower Upper

79 100

108 30.9 68.3 102.5#

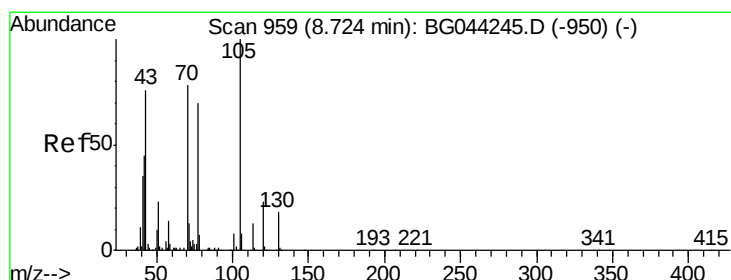
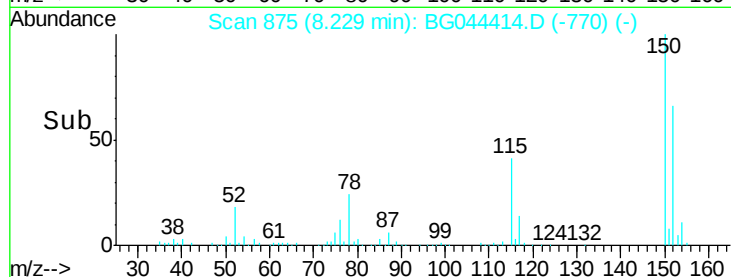
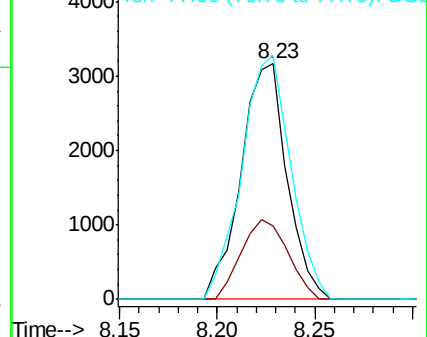
77 103.3 51.8 77.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.021 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Tgt Ion: 70 Resp: 41996

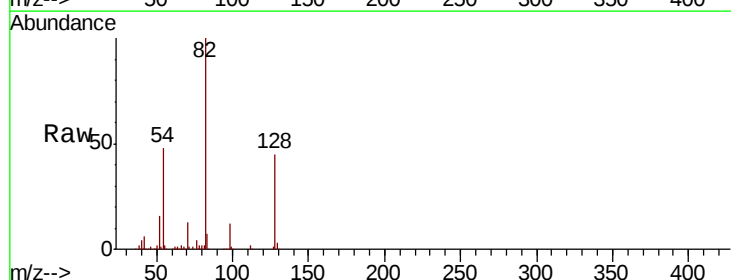
Ion Ratio Lower Upper

70 100

42 49.2 46.2 69.2

101 0.0 8.4 12.6#

130 2.2 17.8 26.8#

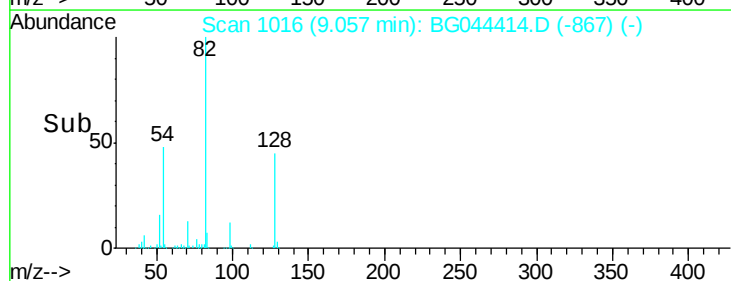
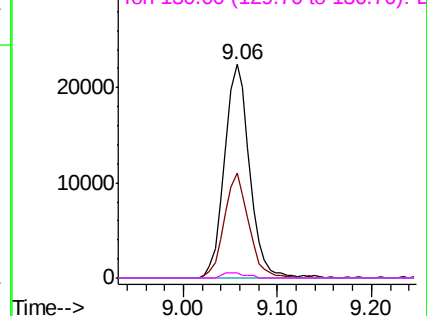


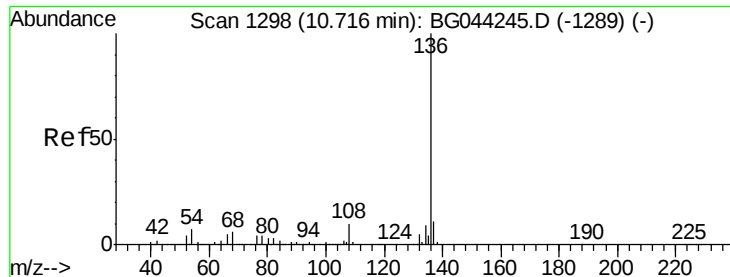
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

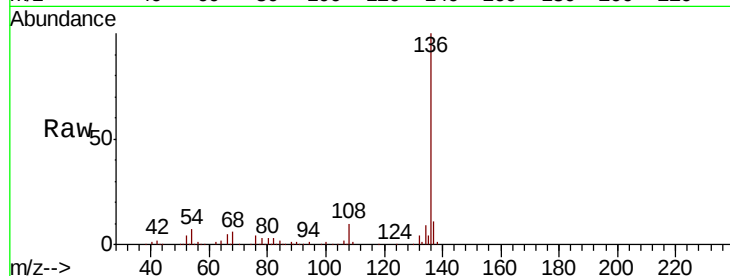




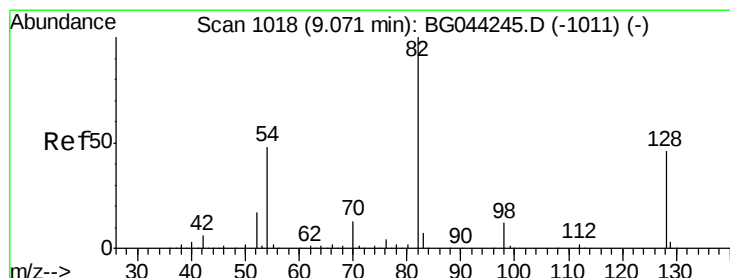
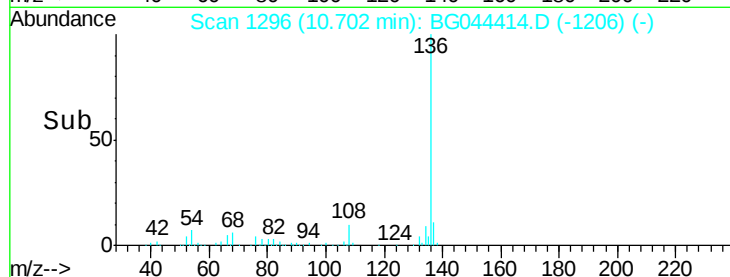
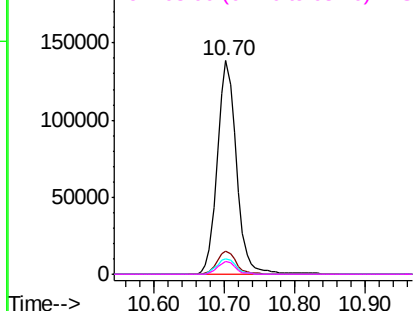
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	261863
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.4	5.8 8.8
68	6.1	4.6 6.8

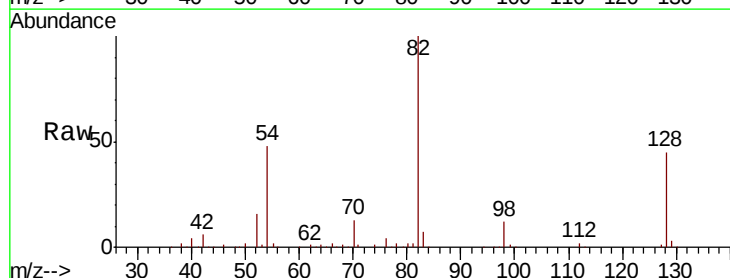


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

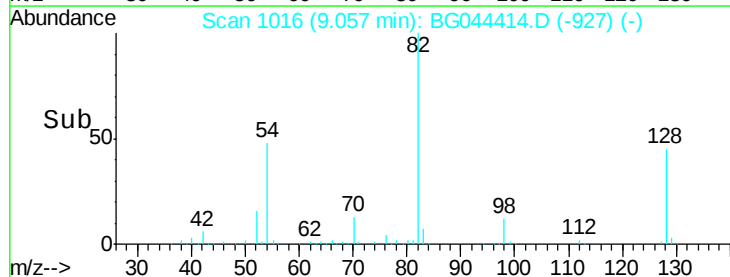
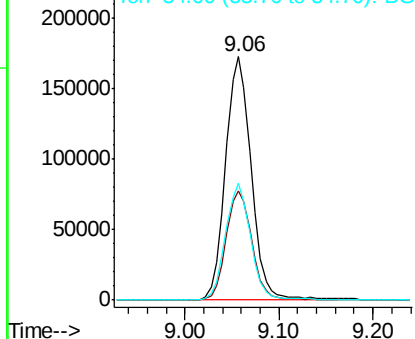


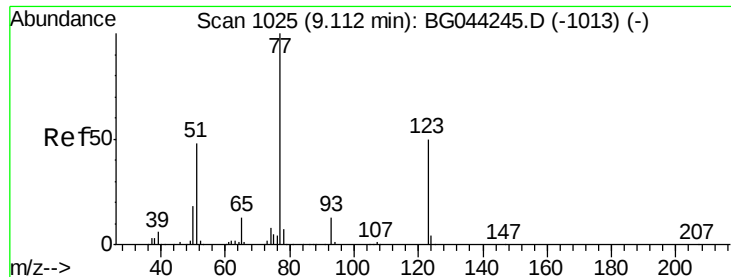
#23
Nitrobenzene-d5
Concen: 70.825 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion: 82	Resp:	328508
Ion	Ratio	Lower Upper
82	100	
128	45.0	36.5 54.7
54	47.9	38.6 58.0



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

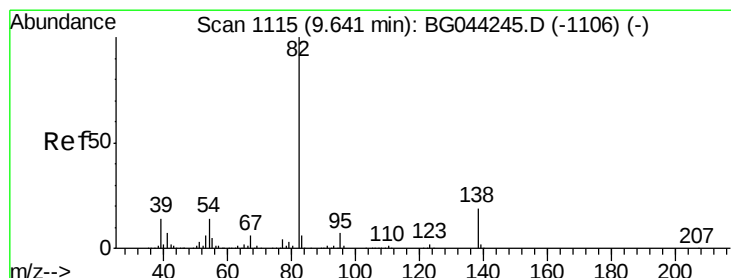
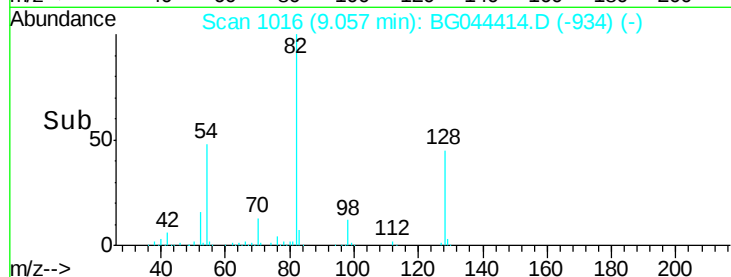
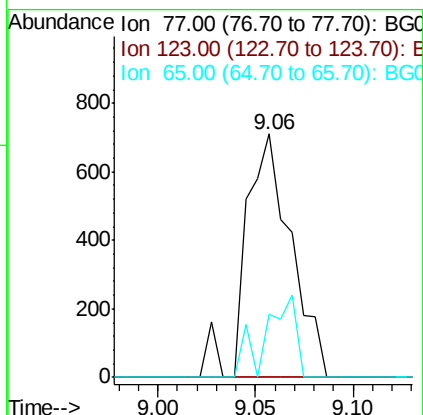
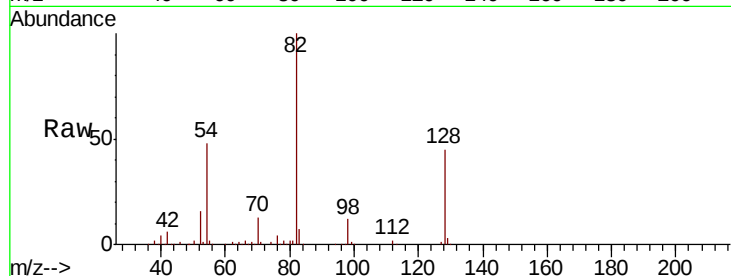




#24
Nitrobenzene
Concen: 0.250 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

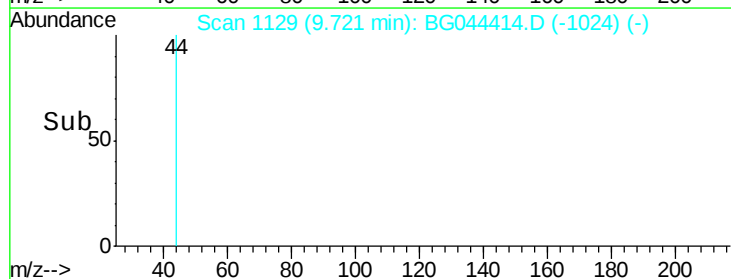
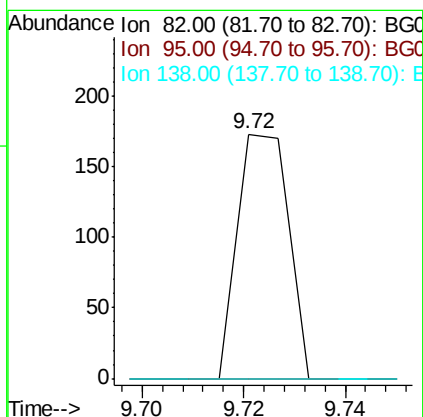
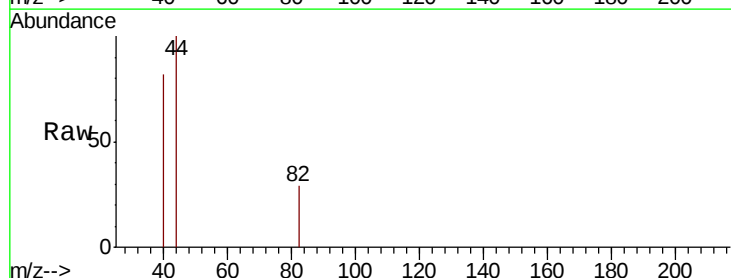
Instrument :
BNA_G
ClientSampled :

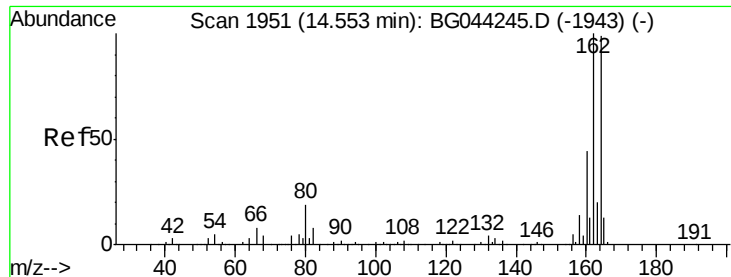
Tot Ion: 77 Resp: 1133
Ion Ratio Lower Upper
77 100
123 0.0 39.9 59.9#
65 26.2 10.4 15.6#



#25
Isophorone
Concen: 0.014 ng
RT: 9.72 min Scan# 1129
Delta R.T. 0.09 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion: 82 Resp: 121
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

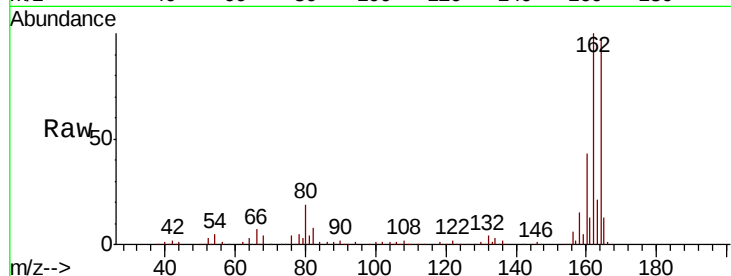
Tot Ion:164 Resp: 185216

Ion Ratio Lower Upper

164 100

162 102.6 80.7 121.1

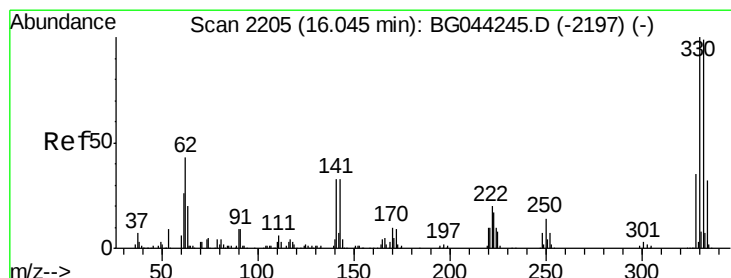
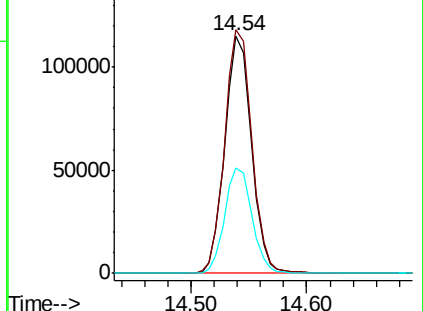
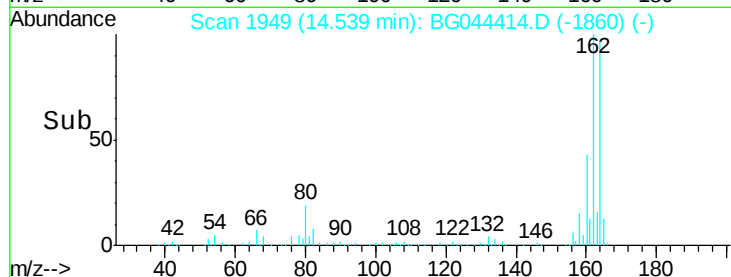
160 44.2 35.3 52.9



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: 115.889 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

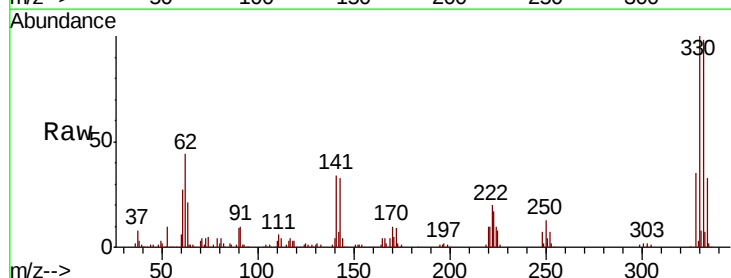
Tgt Ion:330 Resp: 251981

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

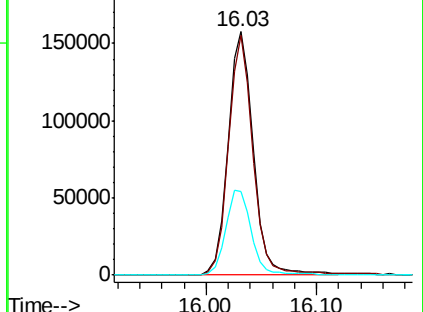
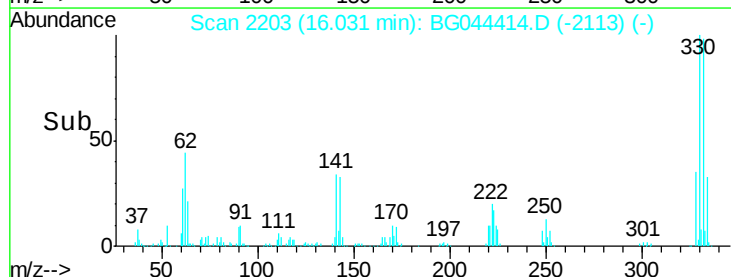
141 36.2 28.3 42.5

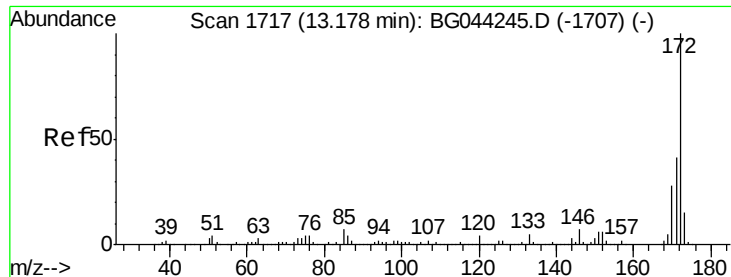


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

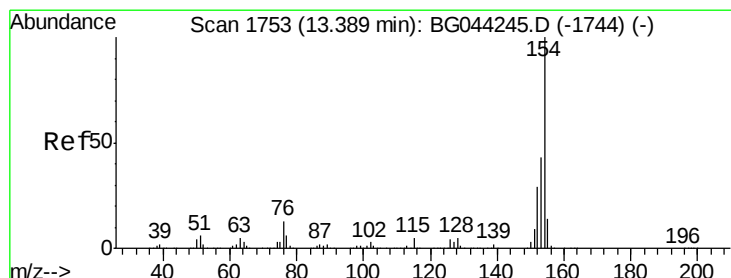
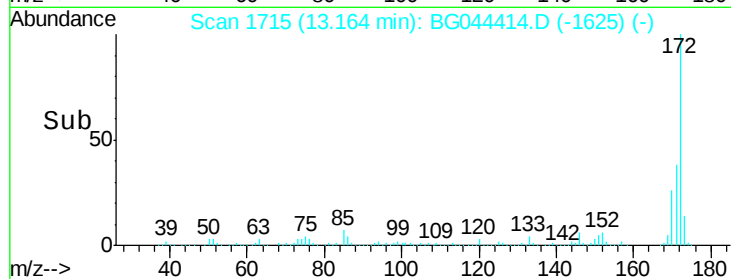
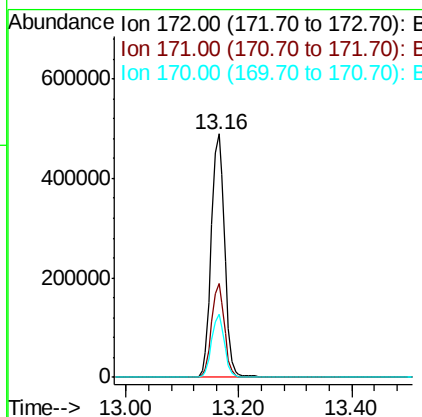
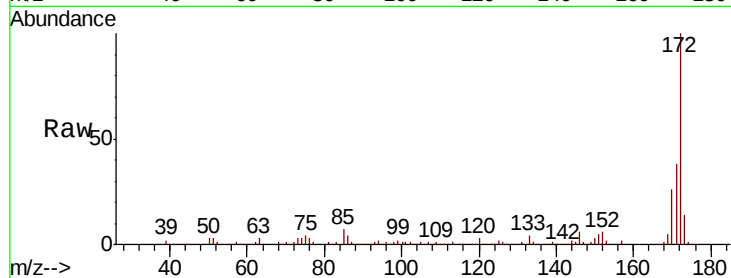




#45
 2-Fluorobiphenyl
 Concen: 72.825 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

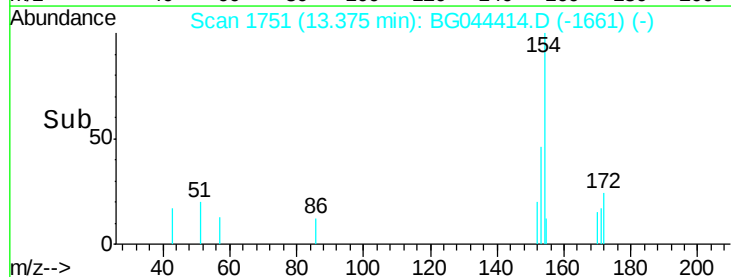
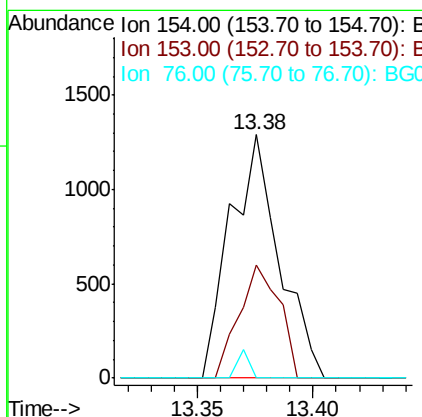
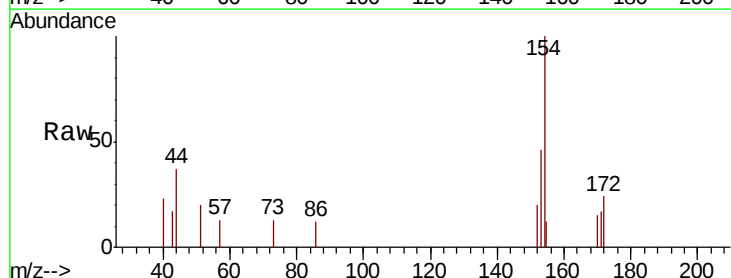
Instrument :
 BNA_G
 ClientSampleId :

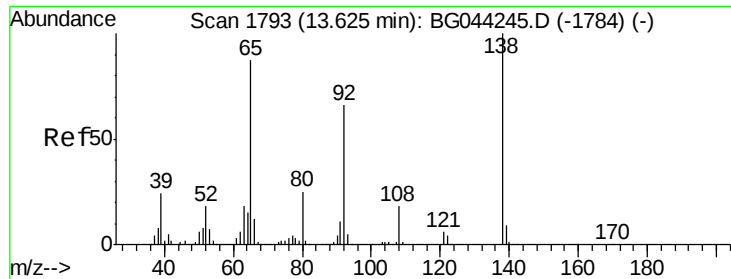
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.8	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 0.142 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.2	22.7	62.7
76	0.0	0.0	32.9

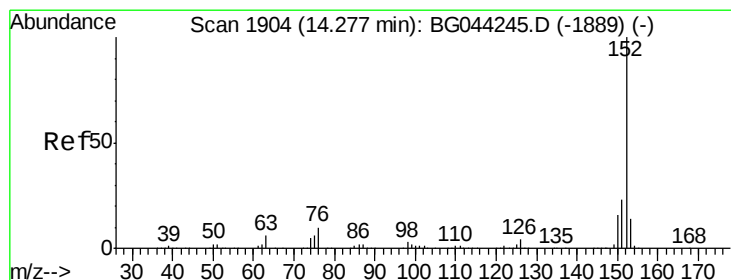
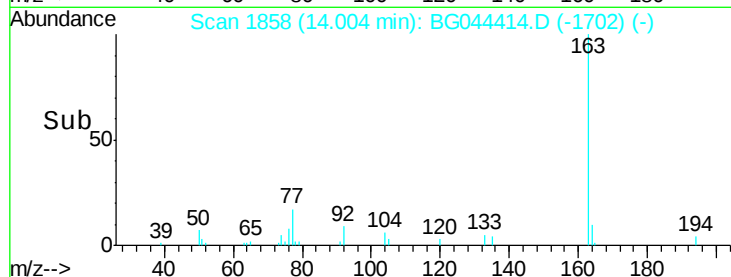
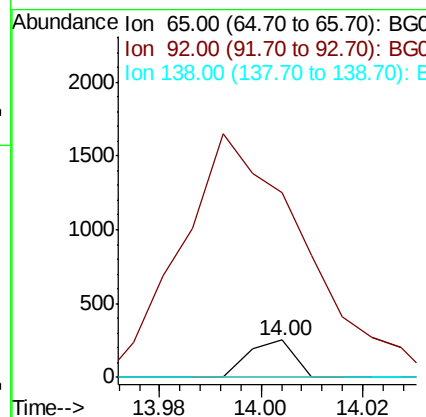
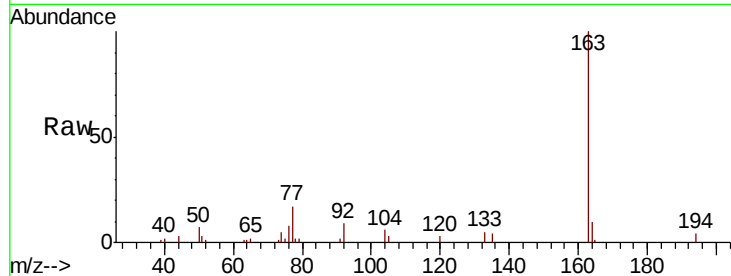




#48
2-Nitroaniline
Concen: 0.050 ng
RT: 14.00 min Scan# 1858
Delta R.T. 0.39 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

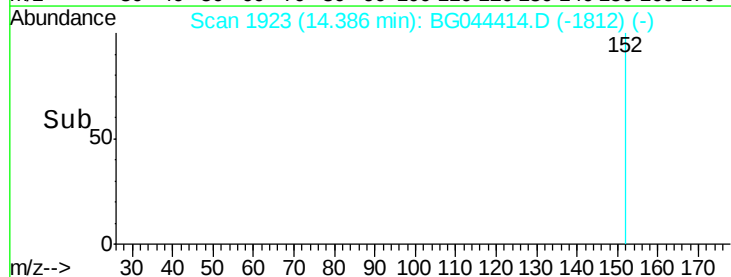
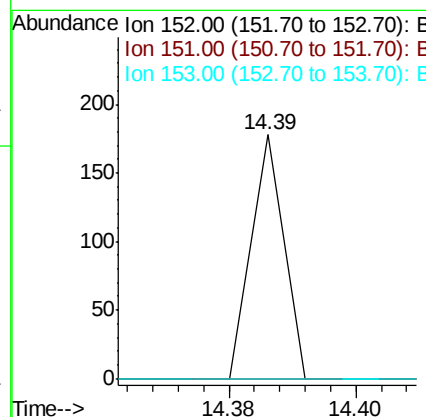
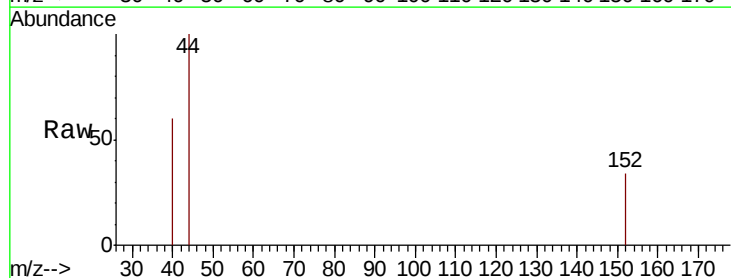
Instrument :
BNA_G
ClientSampleId :

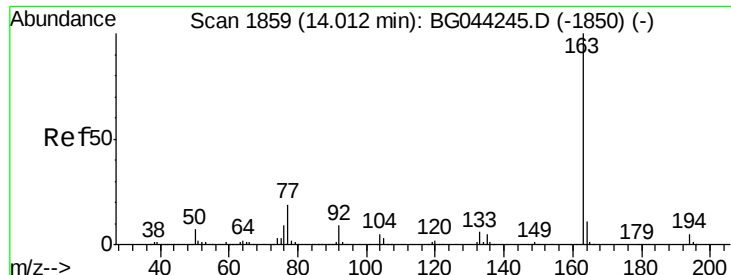
Tot Ion: 65 Resp: 157
Ion Ratio Lower Upper
65 100
92 500.8 60.3 90.5#
138 0.0 91.9 137.9#



#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.39 min Scan# 1923
Delta R.T. 0.12 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion: 152 Resp: 63
Ion Ratio Lower Upper
152 100
151 0.0 18.1 27.1#
153 0.0 11.5 17.3#





#50

Dimethylphthalate

Concen: 2.482 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampled :

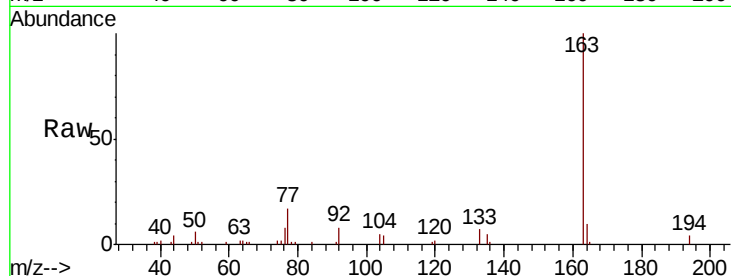
Tot Ion:163 Resp: 33042

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

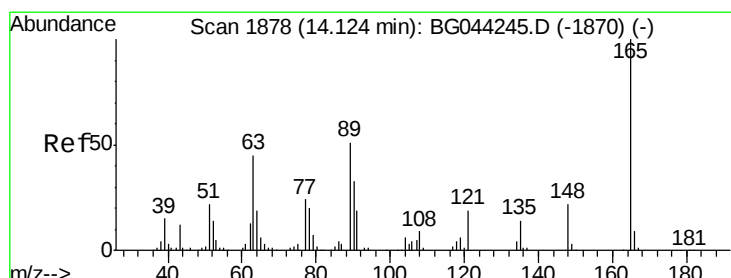
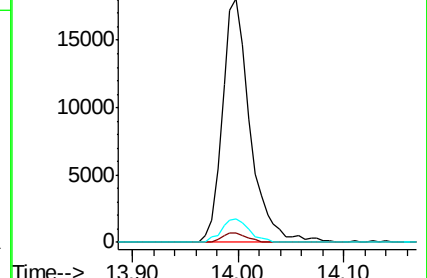
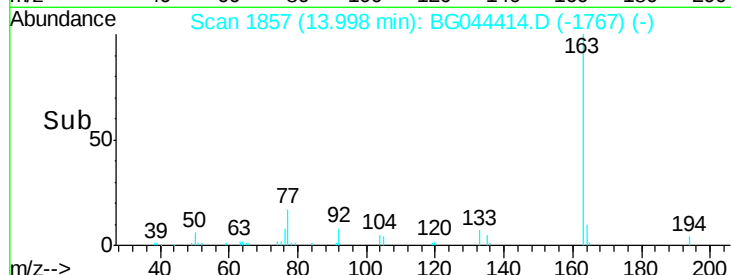
164 9.9 8.7 13.1



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



#51

2,6-Dinitrotoluene

Concen: 7.921 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.42 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

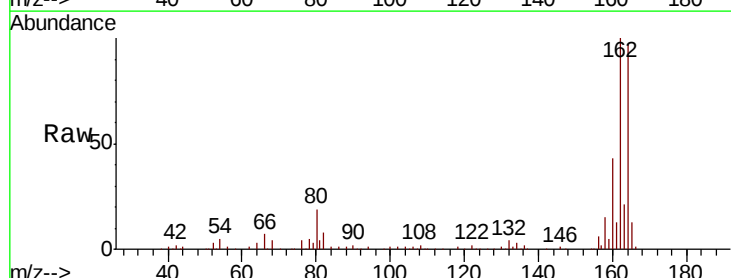
Tgt Ion:165 Resp: 23513

Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

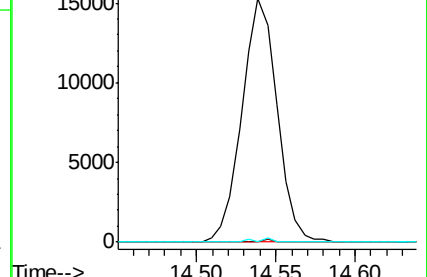
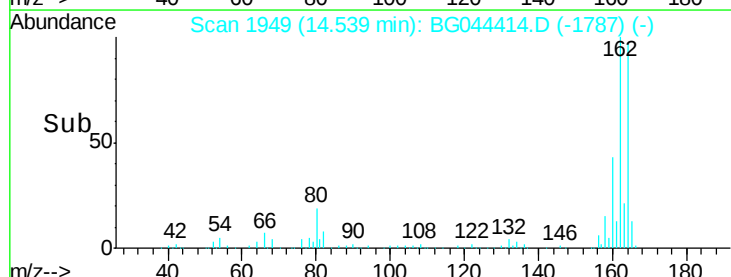
89 0.0 40.4 60.6#

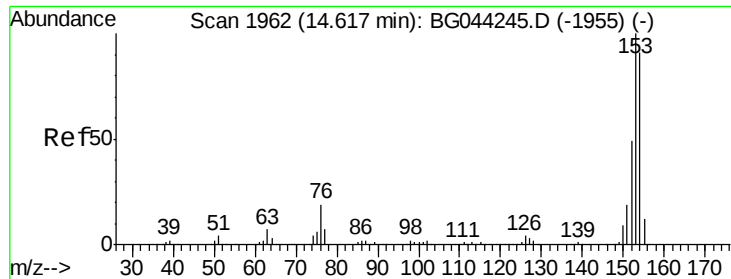


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 0.062 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.07 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

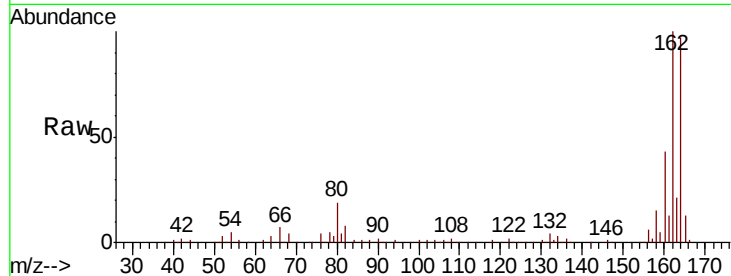
Tot Ion:154 Resp: 630

Ion Ratio Lower Upper

154 100

153 0.0 87.9 131.9#

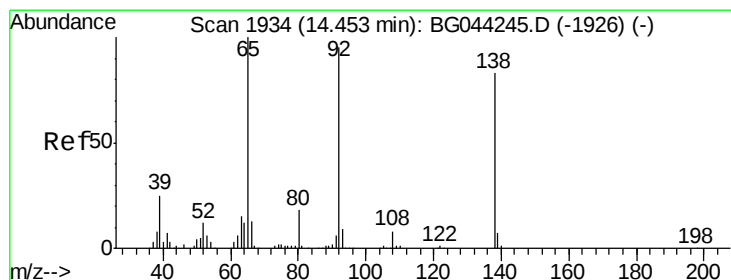
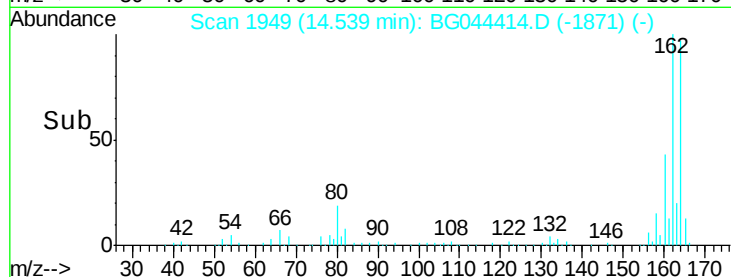
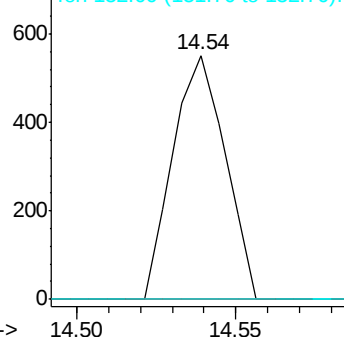
152 0.0 43.1 64.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.016 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.41 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

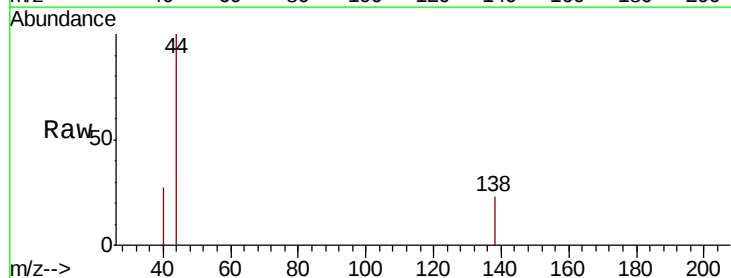
Tgt Ion:138 Resp: 54

Ion Ratio Lower Upper

138 100

108 0.0 7.9 11.9#

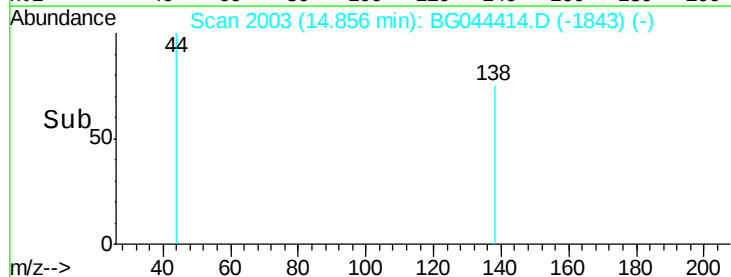
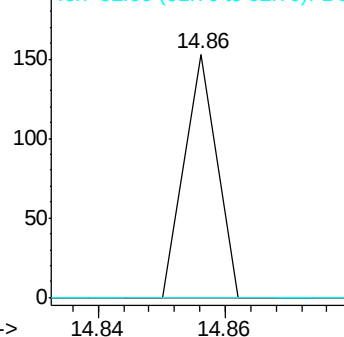
92 0.0 91.0 136.4#

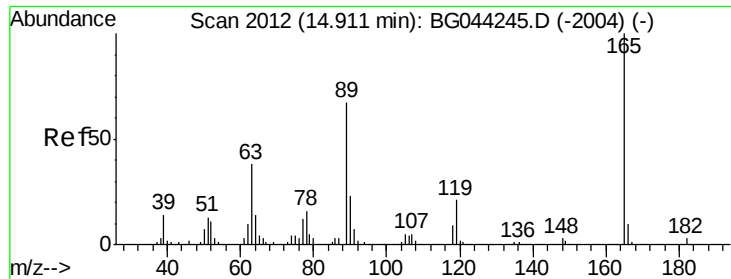


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

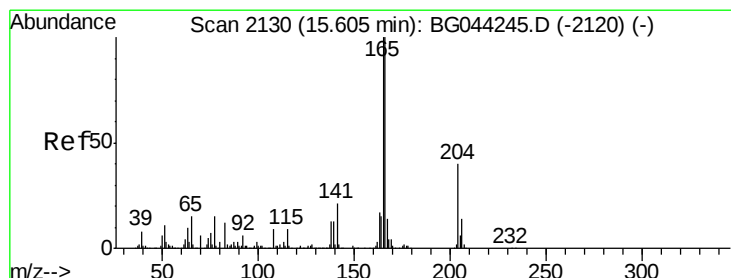
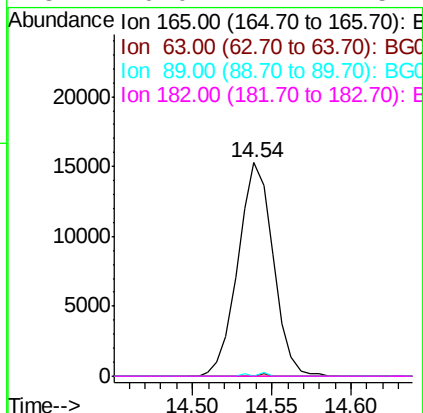
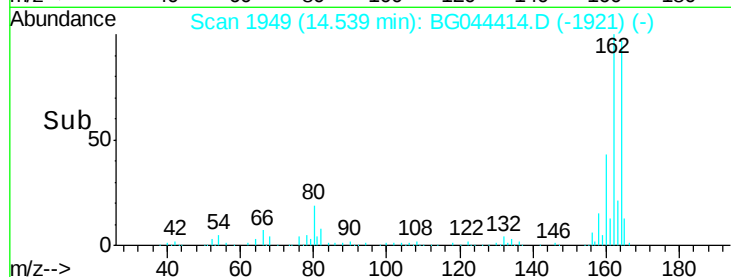
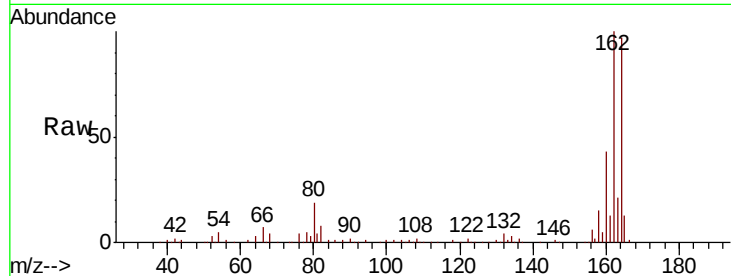




#57
 2,4-Dinitrotoluene
 Concen: 5.651 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

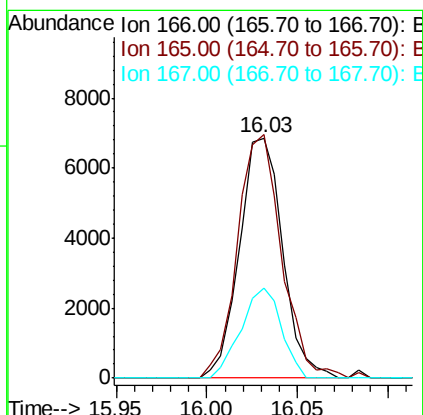
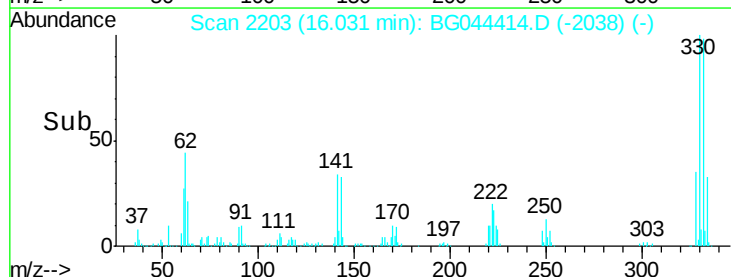
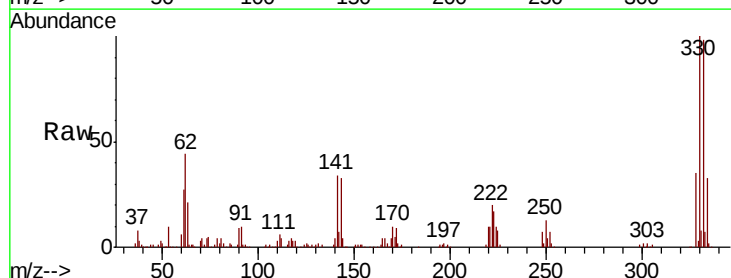
Instrument :
 BNA_G
 ClientSampleId :

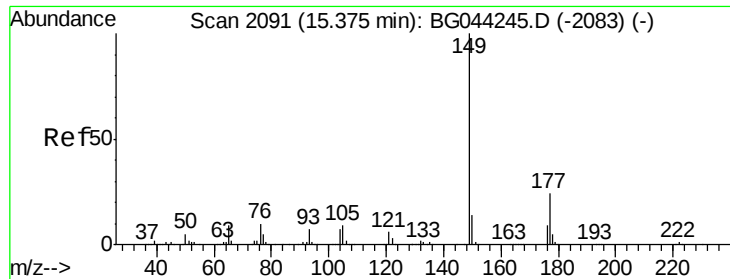
Tot Ion:165	Resp:	23513
Ion Ratio	Lower	Upper
165	100	
63	0.0	30.3 45.5#
89	0.0	53.4 80.2#
182	0.0	2.1 3.1#



#58
 Fluorene
 Concen: 0.942 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.44 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion:166	Resp:	11354
Ion Ratio	Lower	Upper
166	100	
165	101.3	79.9 119.9
167	37.5	11.4 17.0#





#60

Diethylphthalate

Concen: 0.010 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampled :

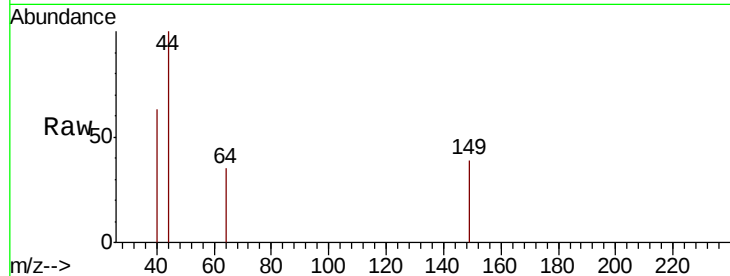
Tot Ion: 149 Resp: 131

Ion Ratio Lower Upper

149 100

177 0.0 19.4 29.0#

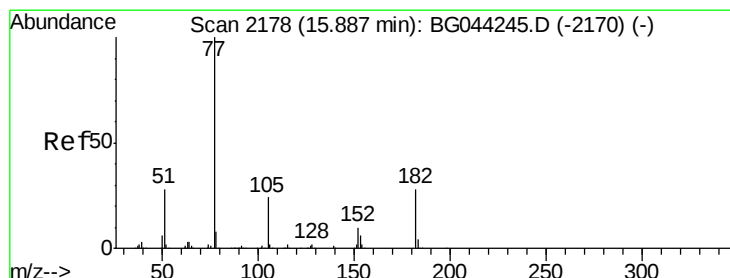
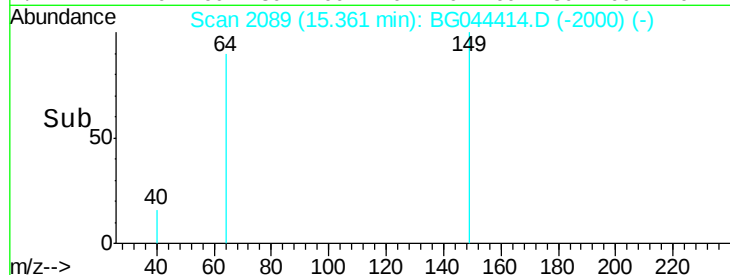
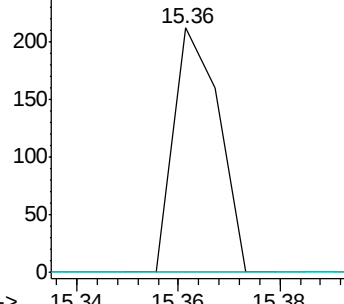
150 0.0 10.9 16.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Azobenzene

Concen: 0.111 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.15 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Tgt Ion: 77 Resp: 1287

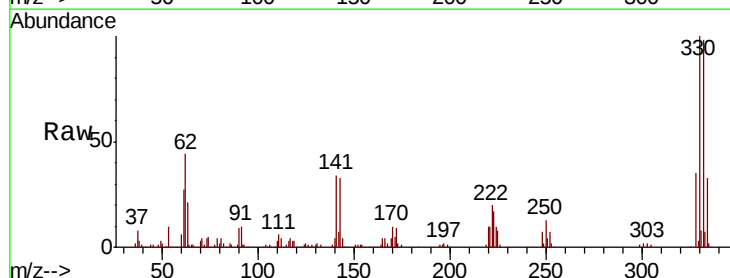
Ion Ratio Lower Upper

77 100

182 0.0 8.2 48.2#

105 97.6 3.6 43.6#

51 70.8 8.3 48.3#

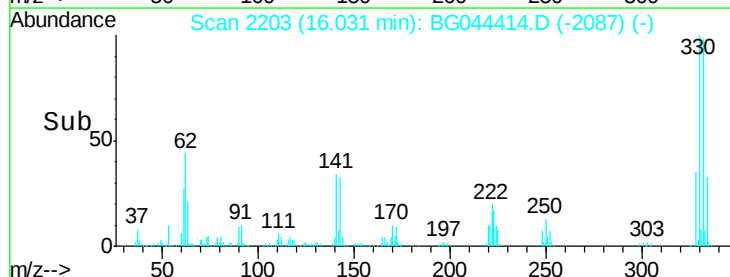
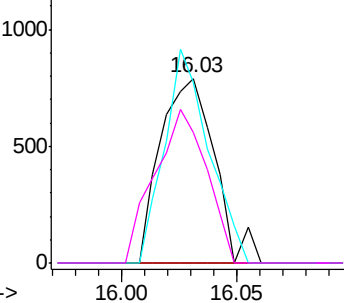


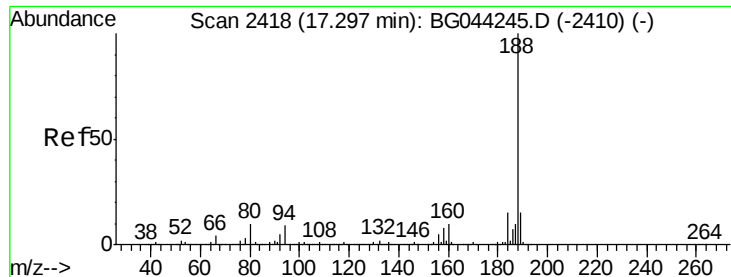
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

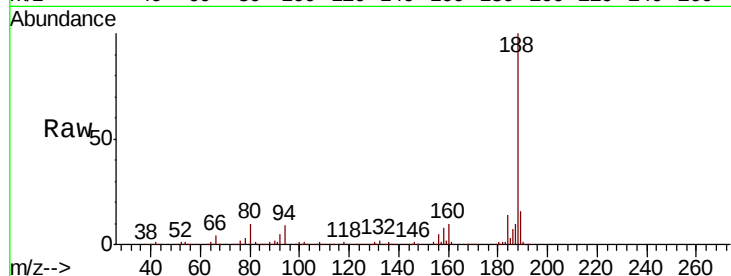
Tot Ion:188 Resp: 460926

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

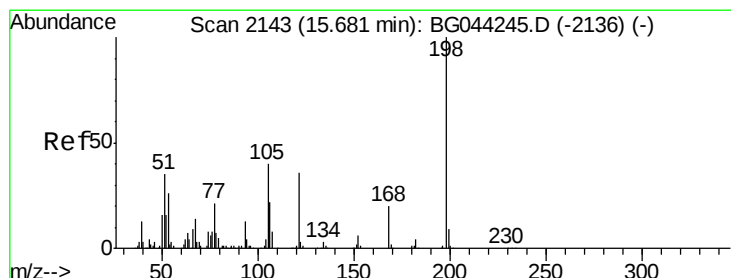
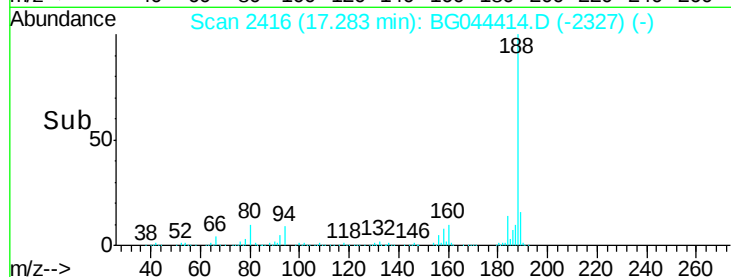
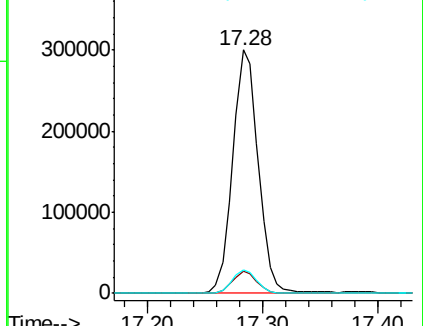
80 9.8 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.241 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

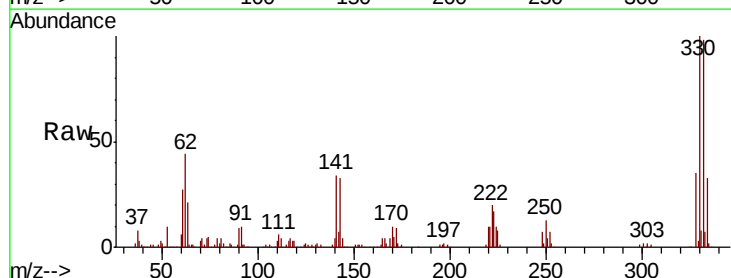
Tgt Ion:198 Resp: 614

Ion Ratio Lower Upper

198 100

51 116.5 16.6 56.6#

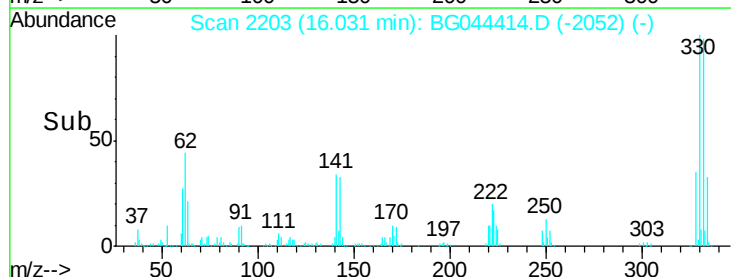
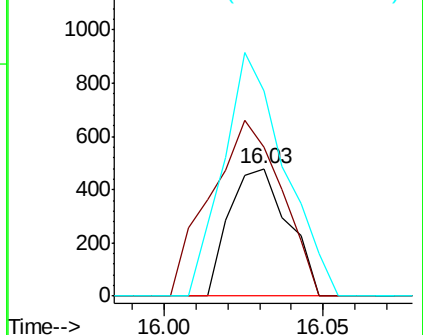
105 160.6 20.6 60.6#

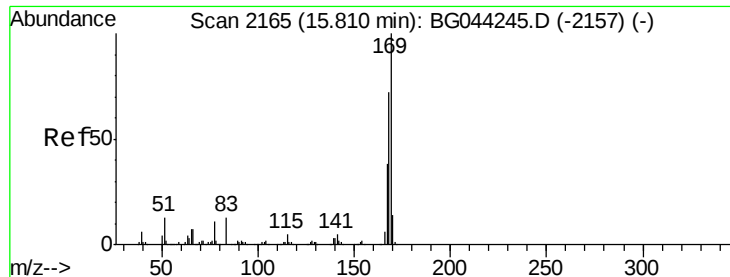


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

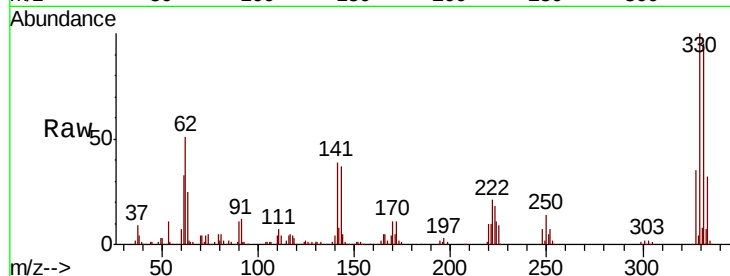




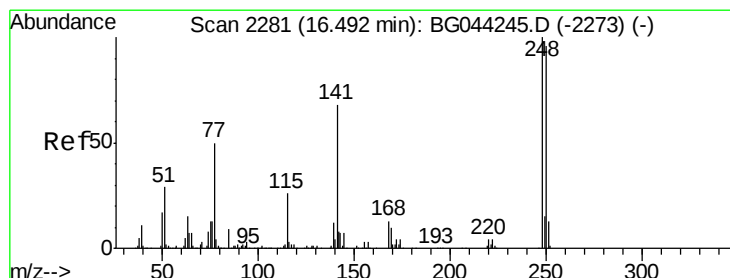
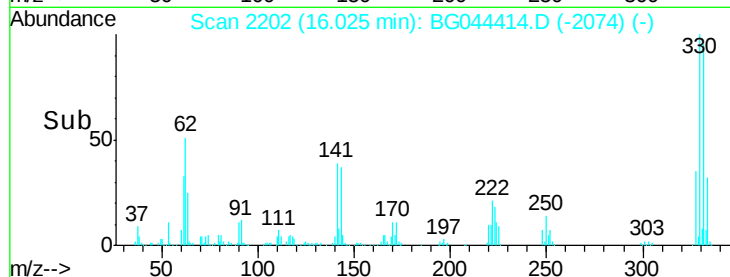
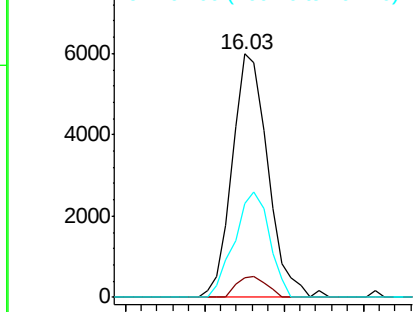
#66
 n-Nitrosodiphenylamine
 Concen: 0.724 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. 0.22 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 9351
 Ion Ratio Lower Upper
 169 100
 168 8.0 57.9 86.9#
 167 46.4 30.7 46.1#

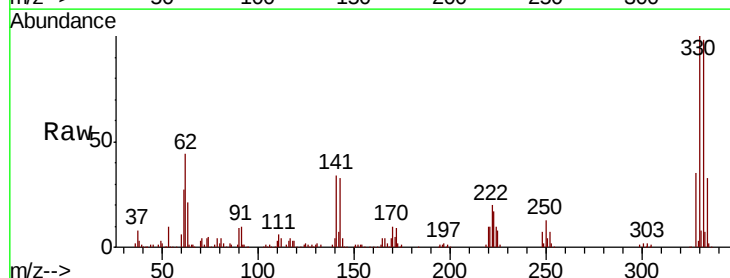


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

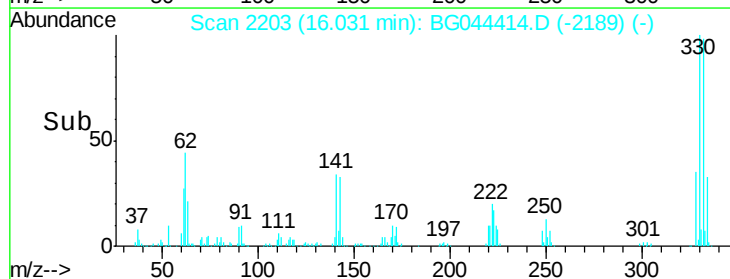
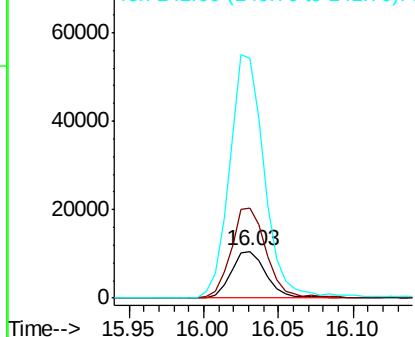


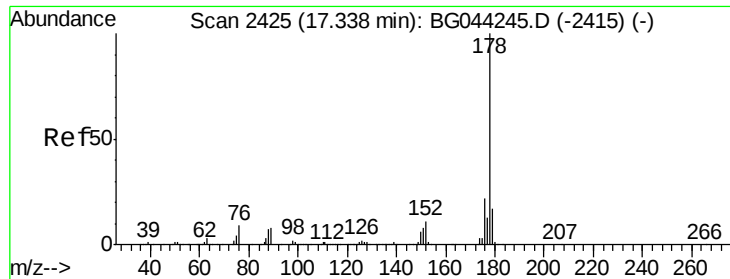
#67
 4-Bromophenyl-phenylether
 Concen: 3.419 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.45 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion:248 Resp: 17167
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.6 114.8#
 141 509.6 54.7 82.1#



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

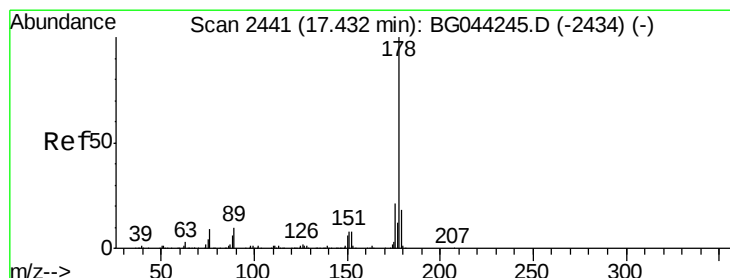
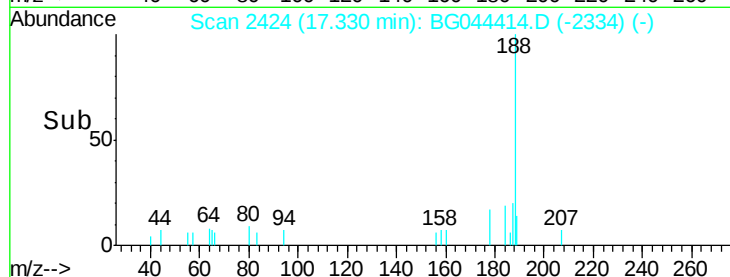
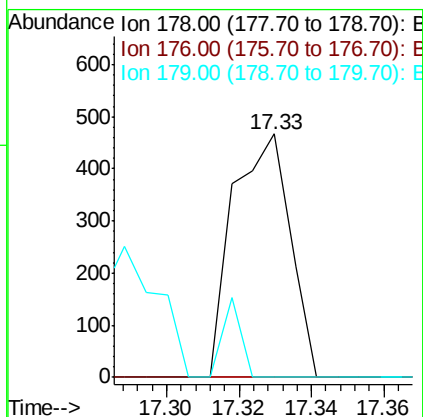
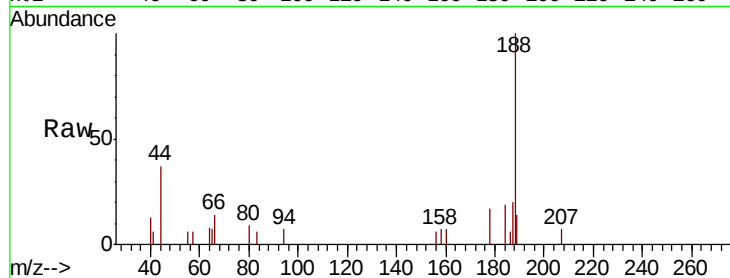




#71
Phenanthrene
Concen: 0.023 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

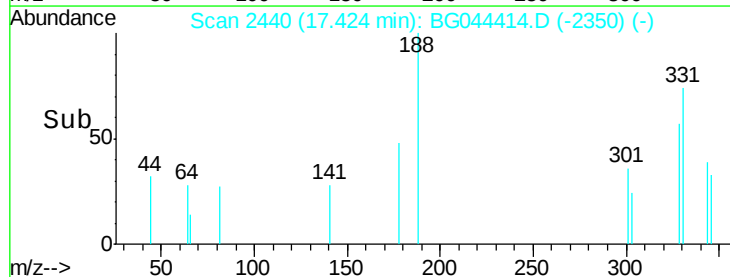
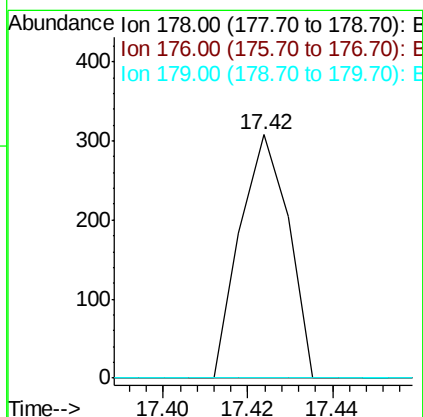
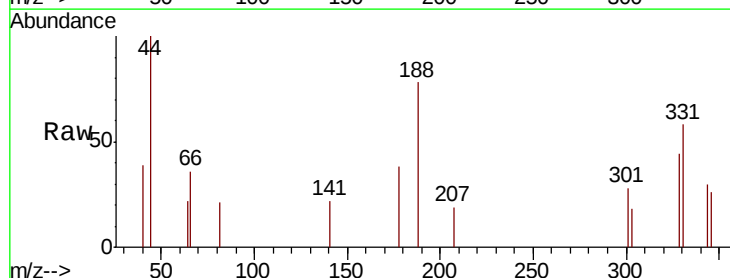
Instrument :
BNA_G
ClientSampleId :

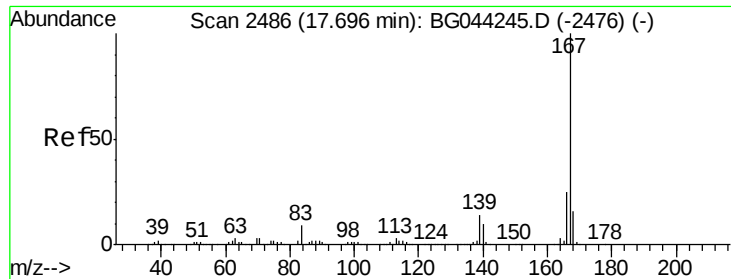
Tot Ion:178 Resp: 511
Ion Ratio Lower Upper
178 100
176 0.0 17.7 26.5#
179 0.0 13.7 20.5#



#72
Anthracene
Concen: 0.011 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion:178 Resp: 245
Ion Ratio Lower Upper
178 100
176 0.0 17.0 25.4#
179 0.0 14.4 21.6#

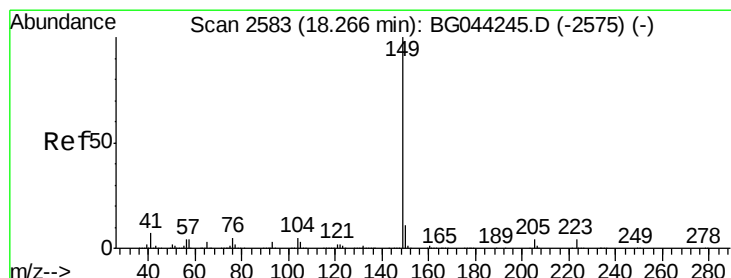
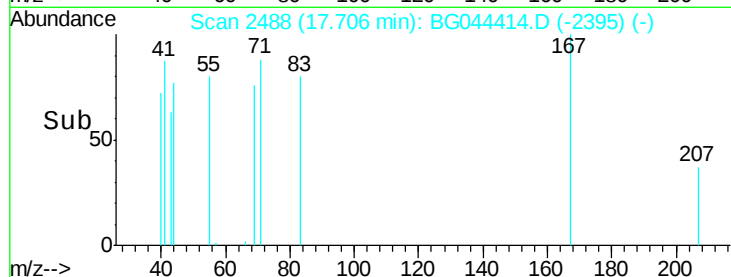
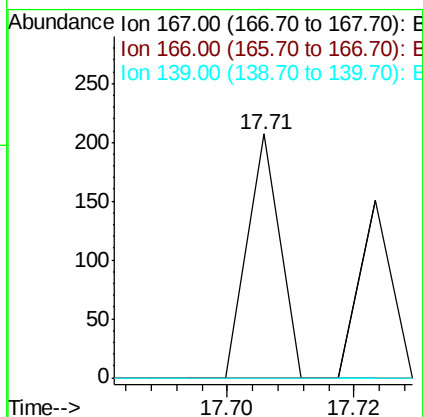
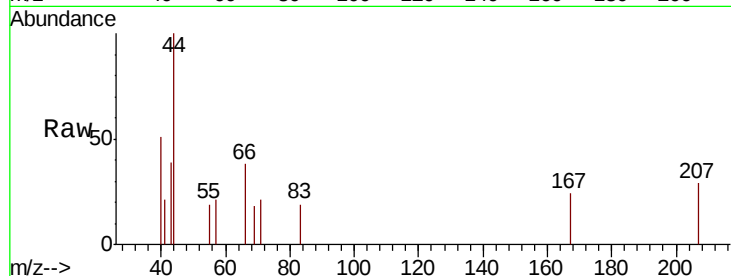




#73
 Carbazole
 Concen: 0.004 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.02 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

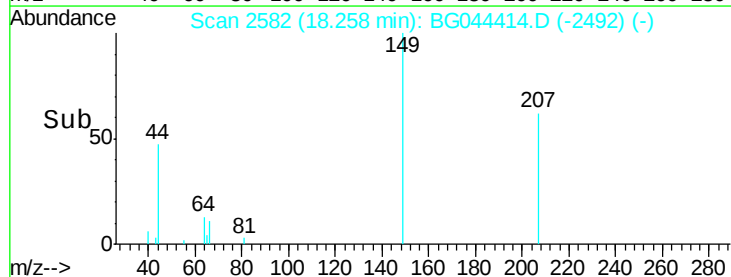
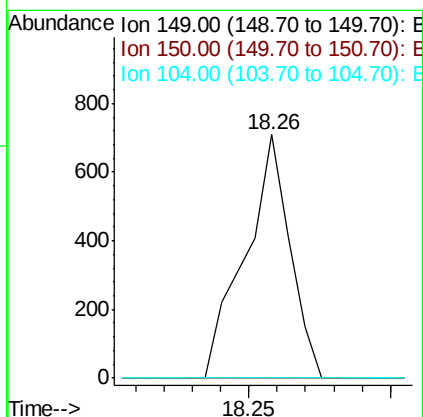
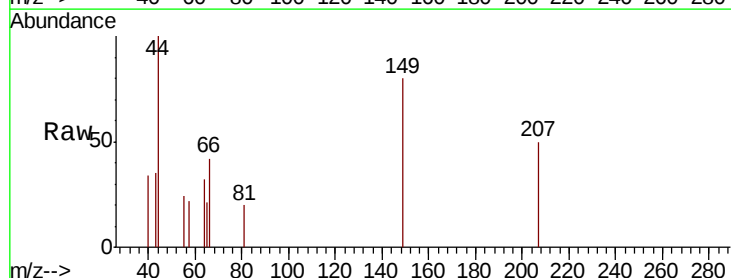
Instrument :
 BNA_G
 ClientSampled :

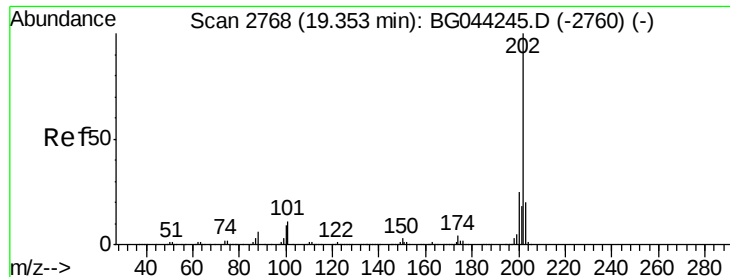
Tot Ion:167 Resp: 73
 Ion Ratio Lower Upper
 167 100
 166 0.0 19.8 29.6#
 139 0.0 11.1 16.7#



#74
 Di-n-butylphthalate
 Concen: 0.031 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion:149 Resp: 780
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.7 13.1#
 104 0.0 4.3 6.5#





#75

Fluoranthene

Concen: 0.061 ng

RT: 19.34 min Scan# 2767

Delta R.T. 0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

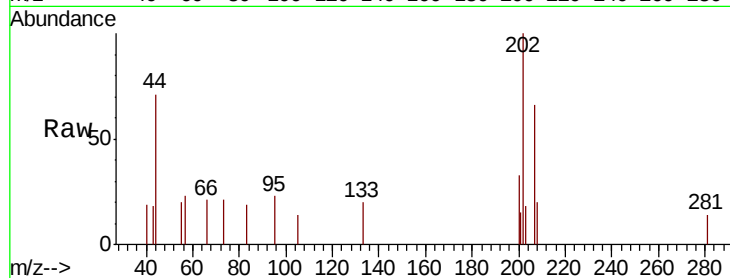
Tot Ion:202 Resp: 1568

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.3

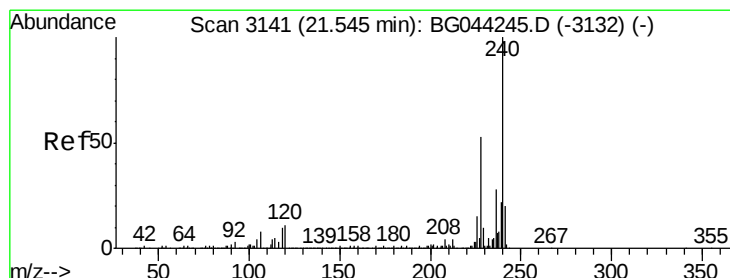
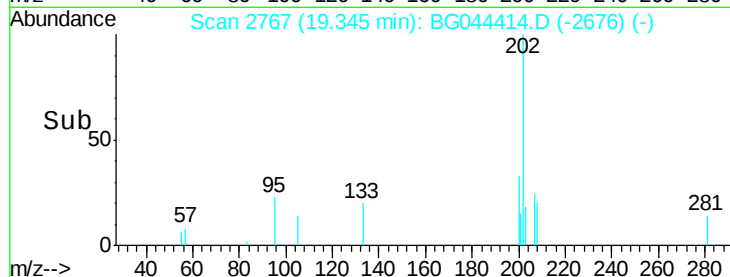
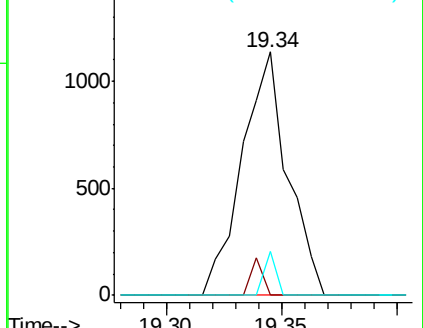
203 18.1 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

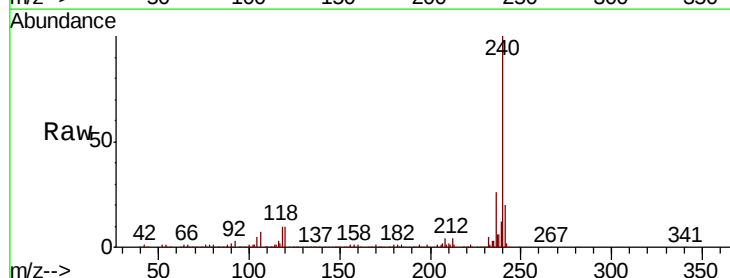
Tgt Ion:240 Resp: 440396

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

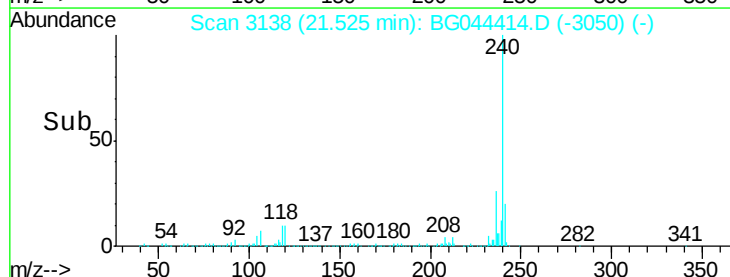
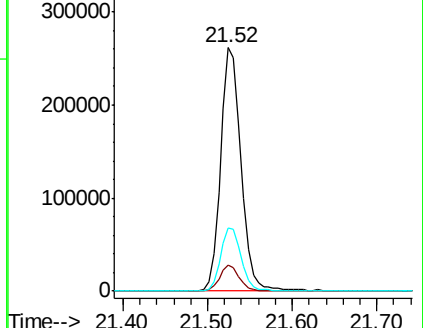
236 25.8 22.1 33.1

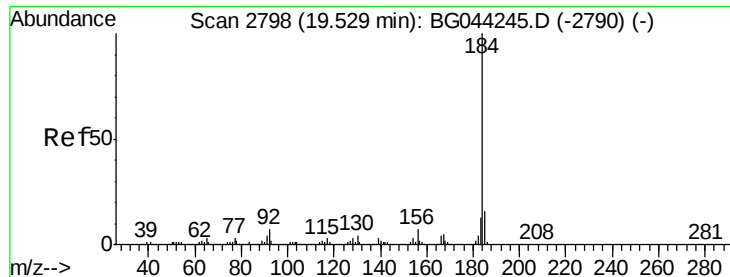


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.776 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.38 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampled :

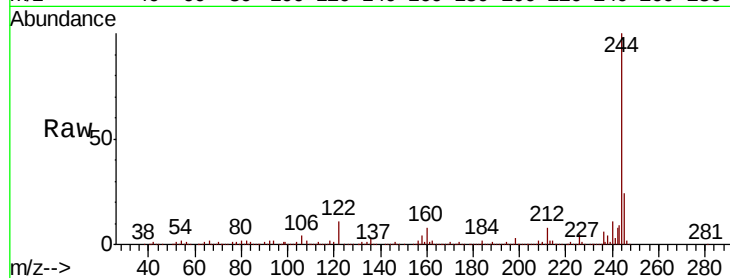
Tot Ion:184 Resp: 21692

Ion Ratio Lower Upper

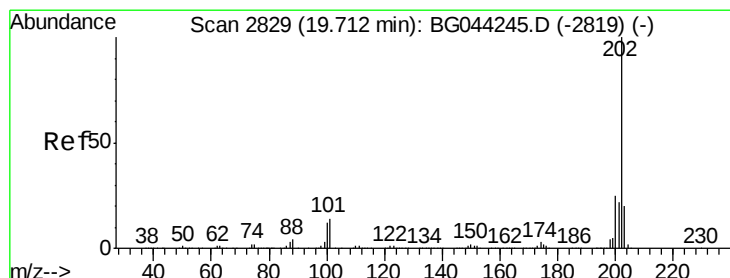
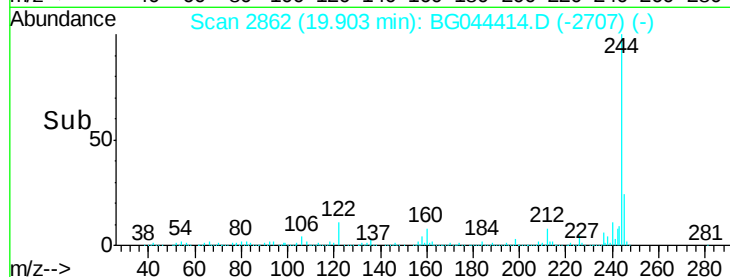
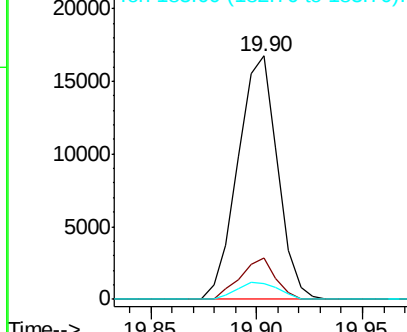
184 100

185 16.9 12.9 19.3

183 6.5 10.8 16.2#



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

Pyrene

Concen: 0.070 ng

RT: 19.70 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

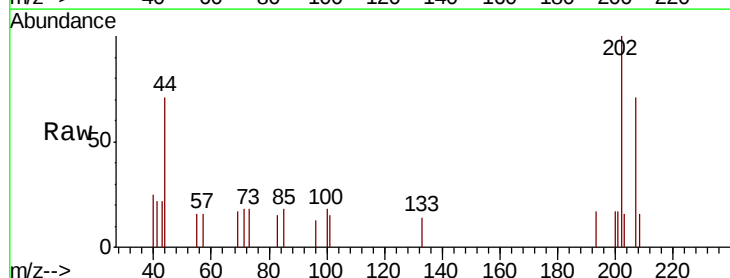
Tgt Ion:202 Resp: 1976

Ion Ratio Lower Upper

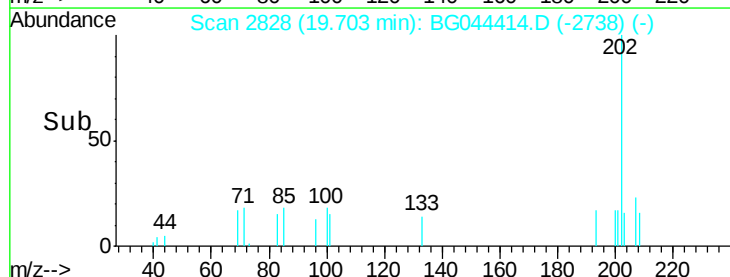
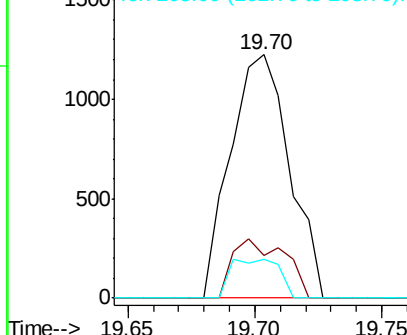
202 100

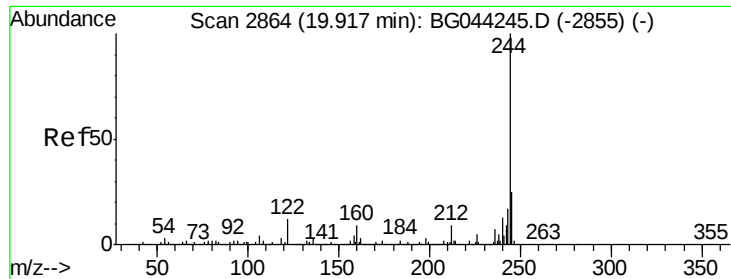
200 17.5 20.0 30.0#

203 15.9 16.2 24.2#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.054 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

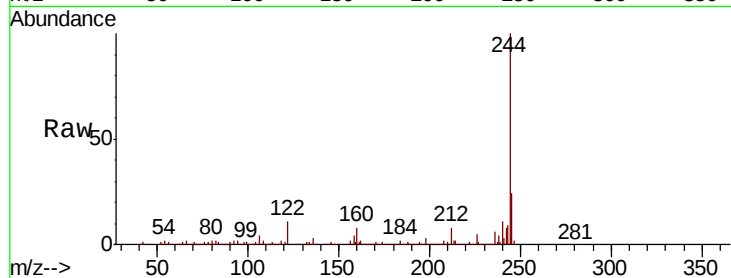
Tot Ion:244 Resp: 1392863

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

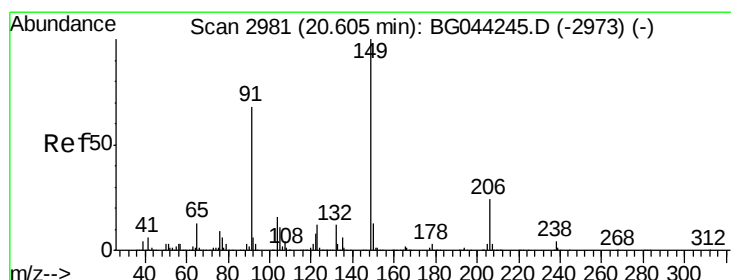
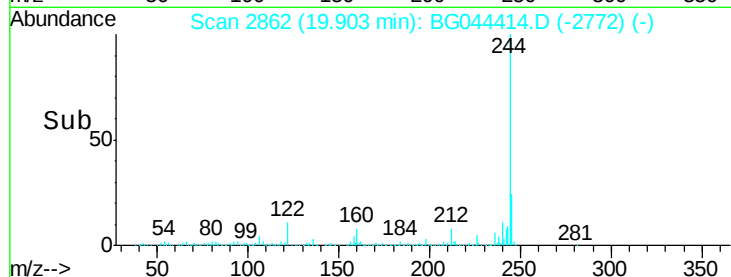
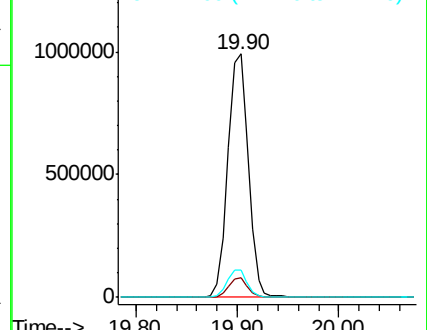
122 11.0 9.8 14.6



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



#80

Butylbenzylphthalate

Concen: 0.017 ng

RT: 20.60 min Scan# 2980

Delta R.T. 0.00 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

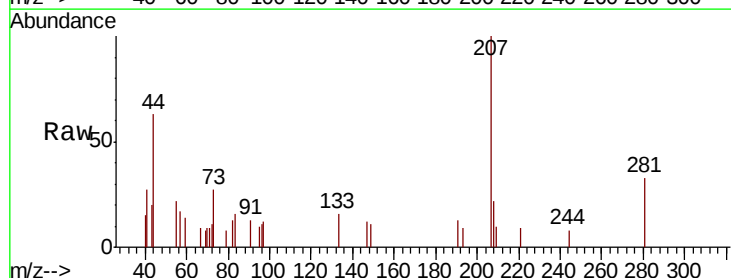
Tgt Ion:149 Resp: 218

Ion Ratio Lower Upper

149 100

91 118.5 54.5 81.7#

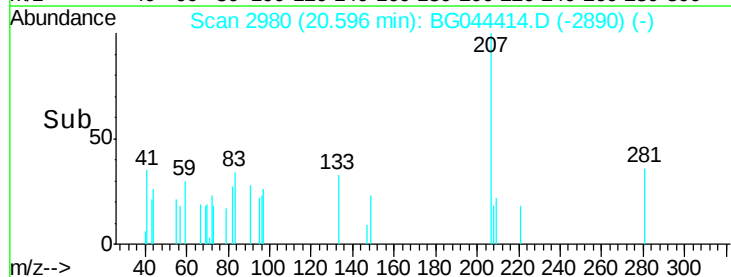
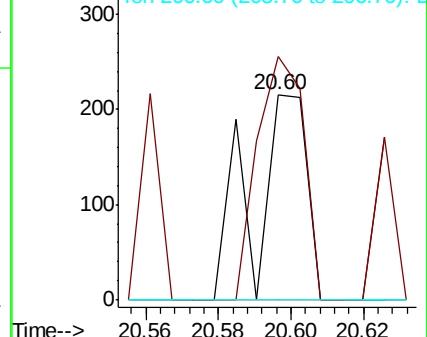
206 0.0 19.1 28.7#

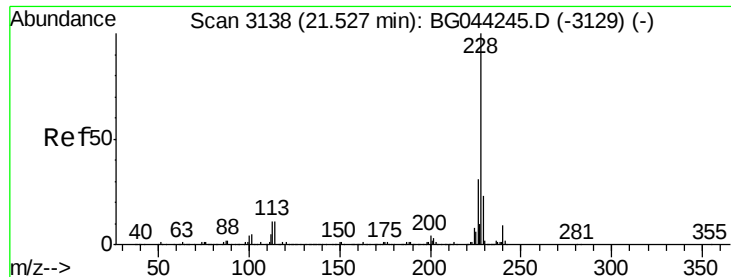


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

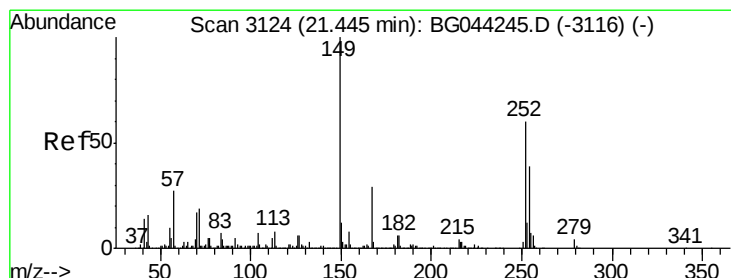
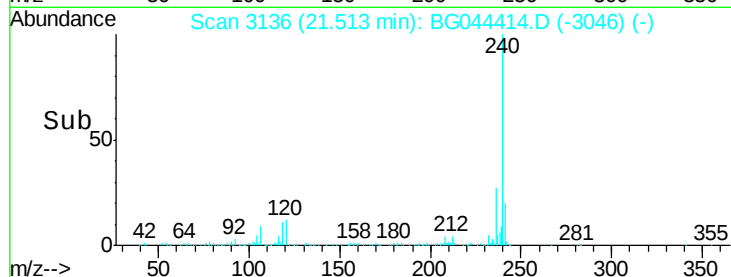
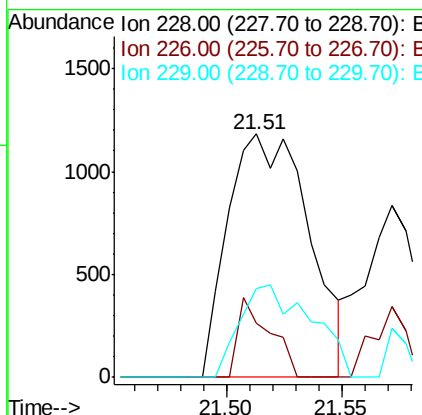
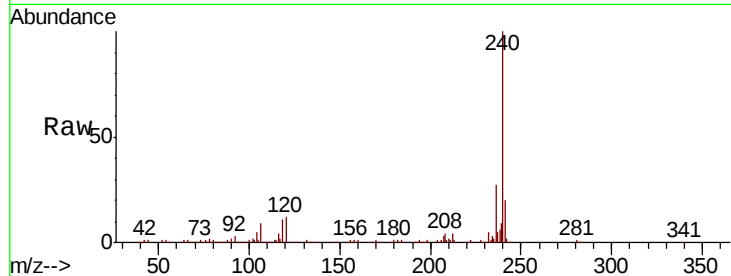




#81
Benzo(a)anthracene
Concen: 0.106 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

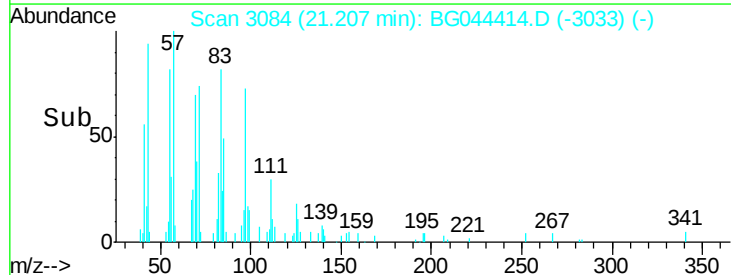
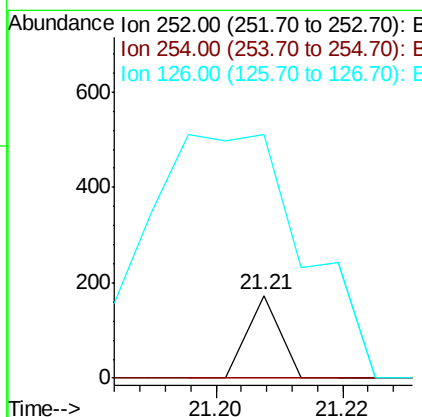
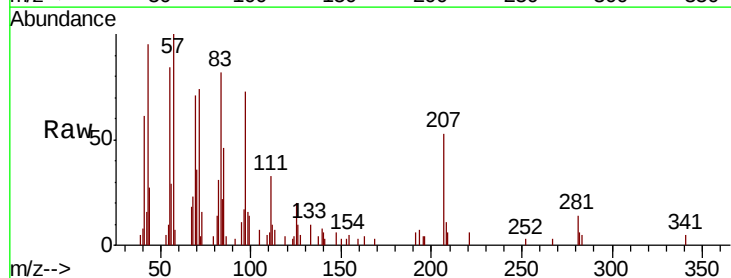
Instrument :
BNA_G
ClientSampleId :

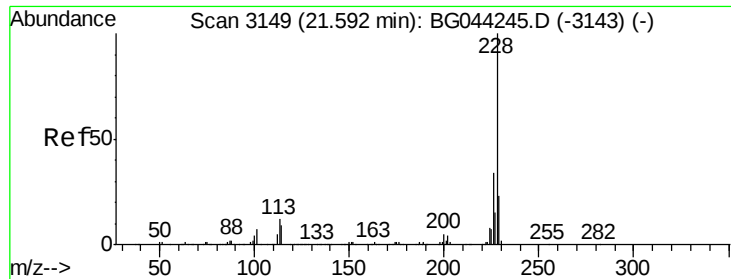
Tot Ion:228 Resp: 2881
Ion Ratio Lower Upper
228 100
226 22.3 24.7 37.1#
229 36.3 18.2 27.4#



#82
3,3'-Dichlorobenzidine
Concen: 0.006 ng
RT: 21.21 min Scan# 3084
Delta R.T. -0.23 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion:252 Resp: 61
Ion Ratio Lower Upper
252 100
254 0.0 52.6 78.8#
126 293.7 8.2 12.4#

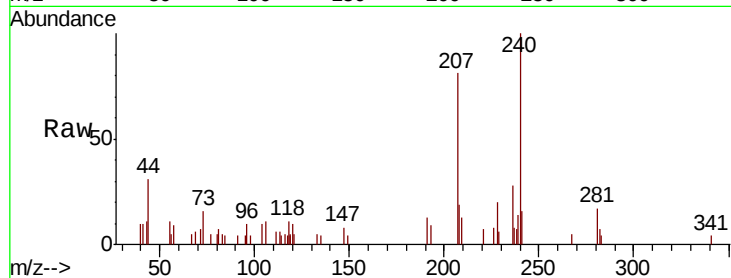




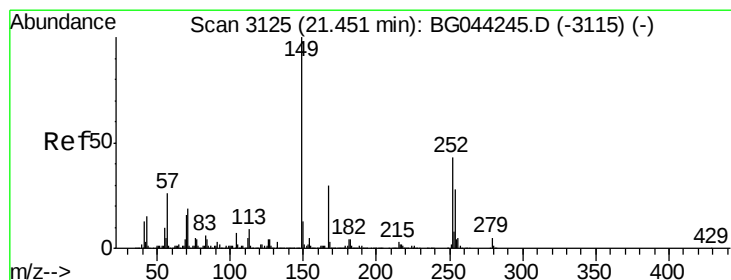
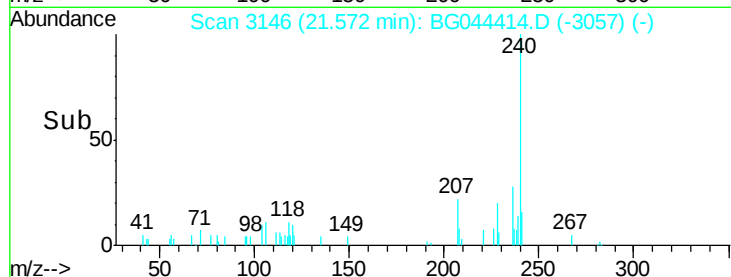
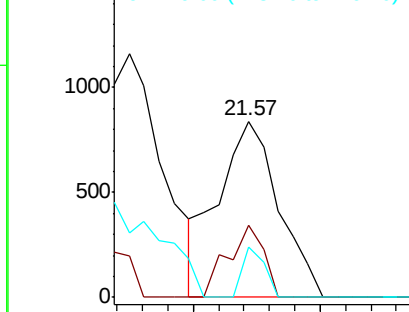
#83
 Chrysene
 Concen: 0.053 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1386
 Ion Ratio Lower Upper
 228 100
 226 41.2 27.1 40.7#
 229 28.8 17.9 26.9#

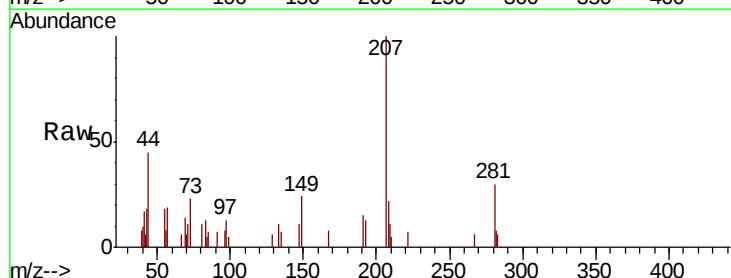


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

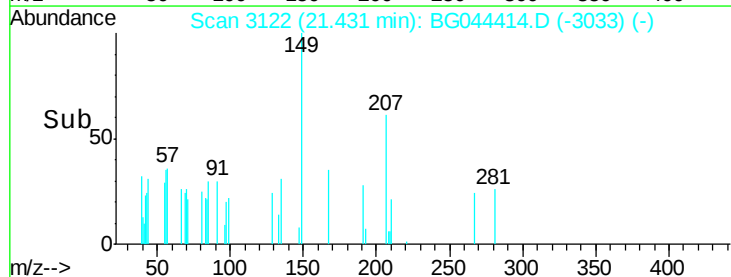
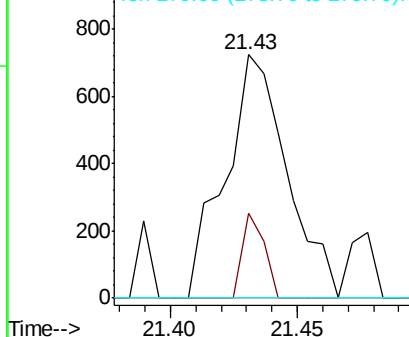


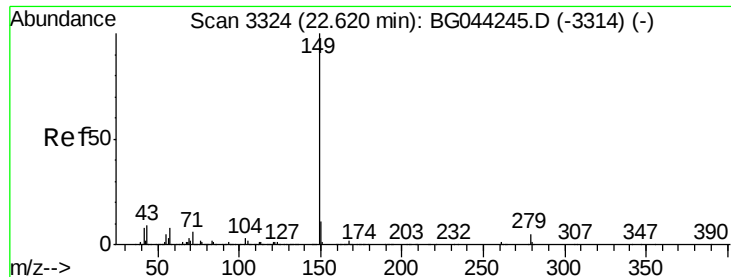
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.43 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG044414.D
 Acq: 12 Feb 2020 18:29

Tgt Ion:149 Resp: 1227
 Ion Ratio Lower Upper
 149 100
 167 34.8 24.0 36.0
 279 0.0 3.8 5.8#



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





#85

Di-n-octyl phthalate

Concen: 0.011 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044414.D

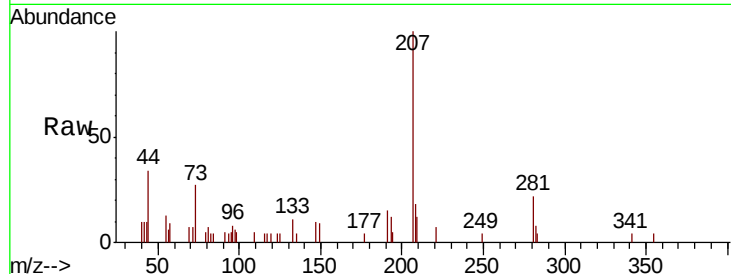
Acq: 12 Feb 2020 18:29

Instrument :

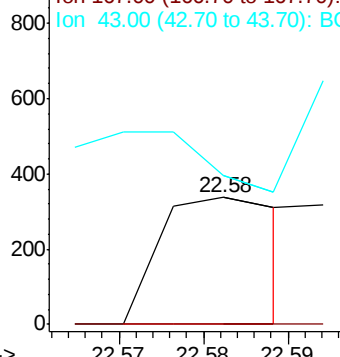
BNA_G

ClientSampleId :

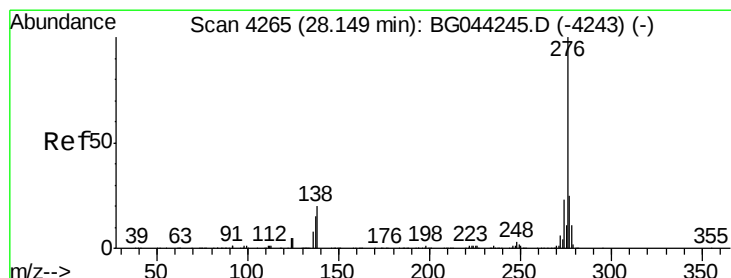
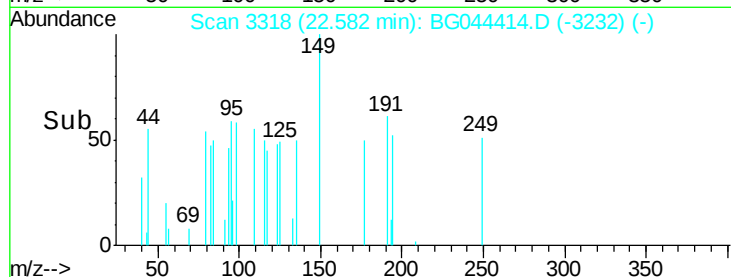
Tot Ion:	149	Resp:	340
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	7.4	11.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

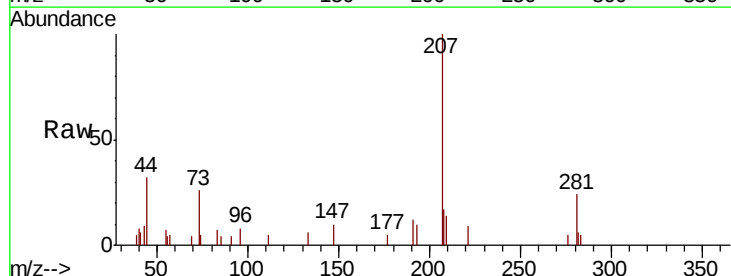
RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

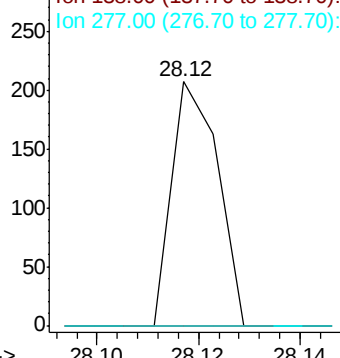
Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

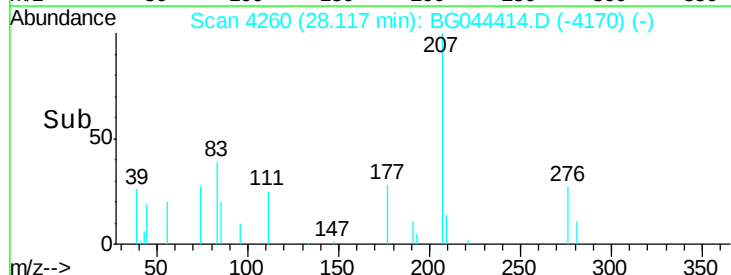
Tgt Ion:	276	Resp:	130
Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.4	29.0#
277	0.0	21.0	31.6#

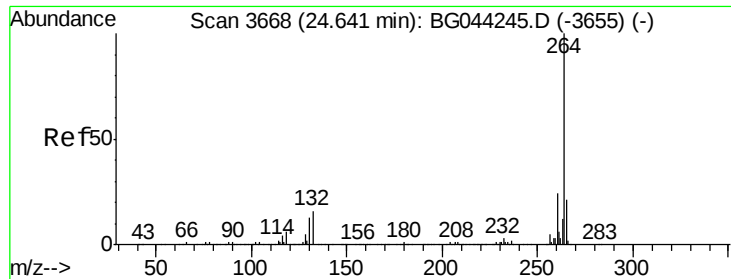


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



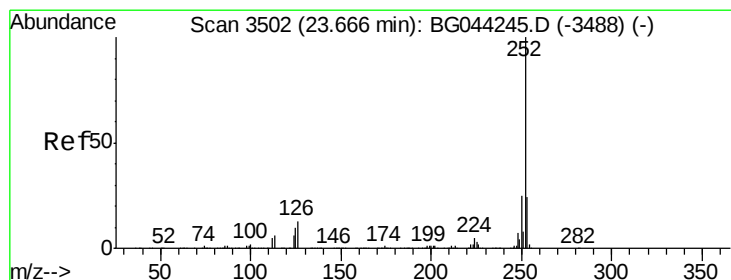
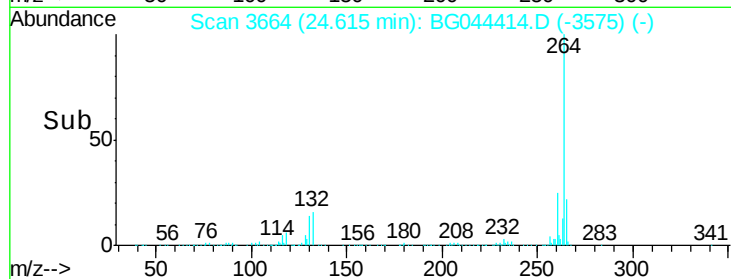
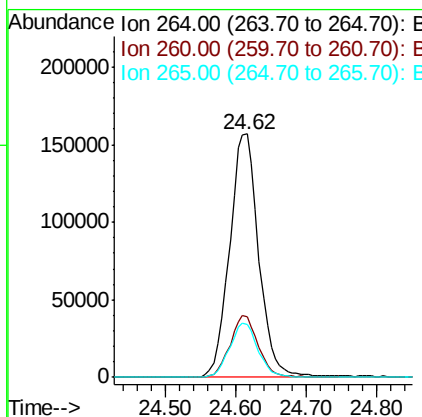
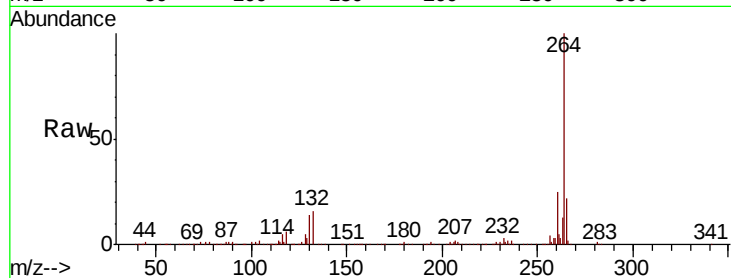


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 449754

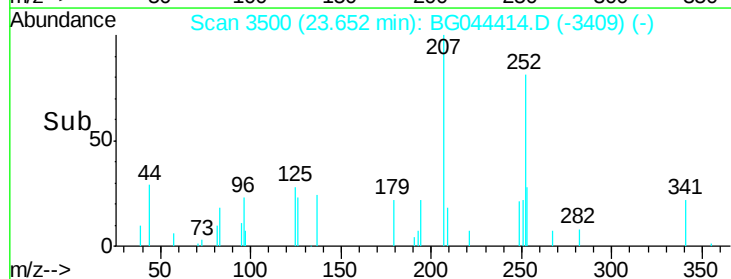
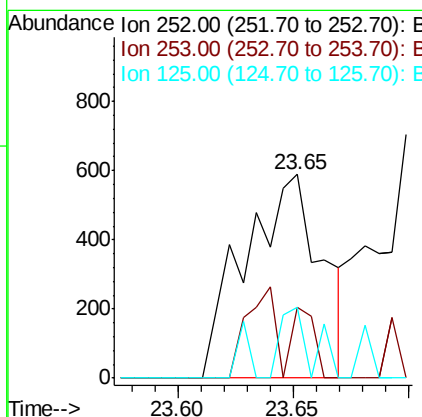
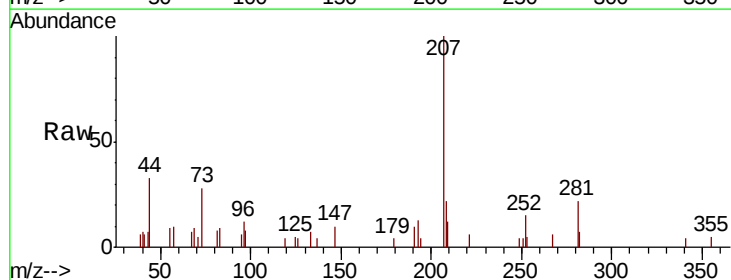
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.5	16.7	25.1

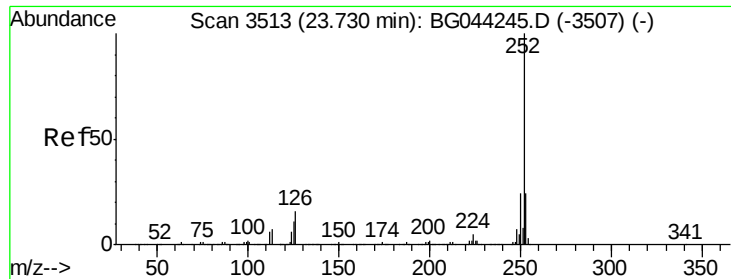


#88
Benzo(b)fluoranthene
Concen: 0.052 ng
RT: 23.65 min Scan# 3500
Delta R.T. 0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion:252 Resp: 1352

Ion	Ratio	Lower	Upper
252	100		
253	35.0	19.2	28.8#
125	34.8	8.4	12.6#

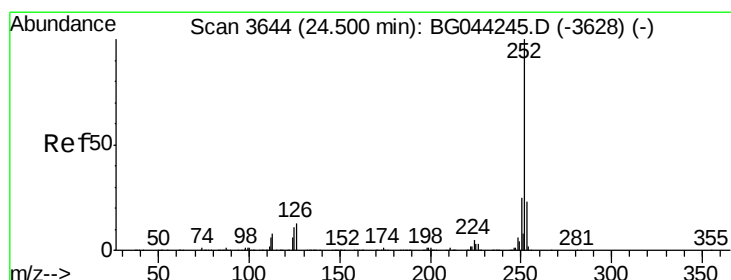
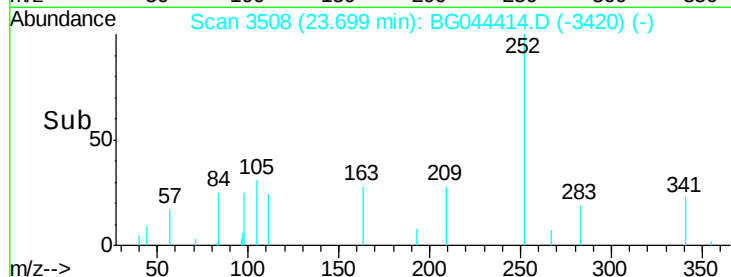
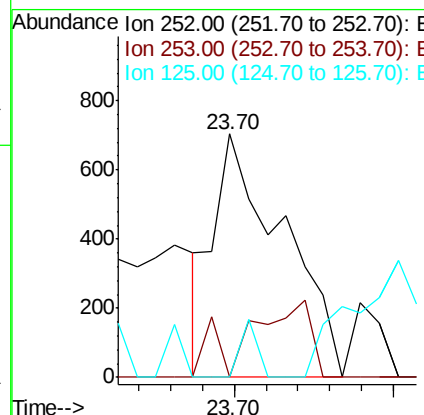
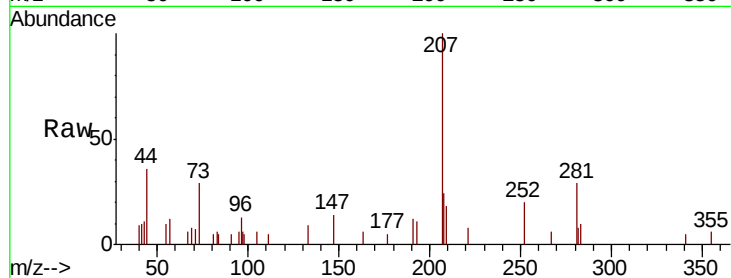




#89
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

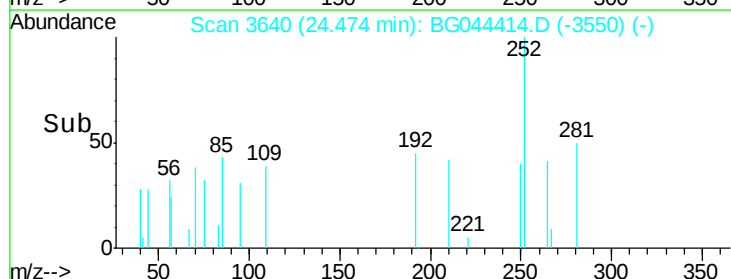
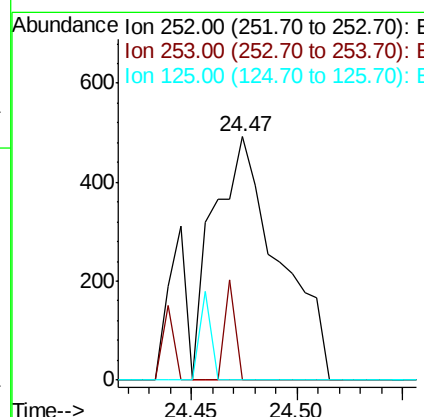
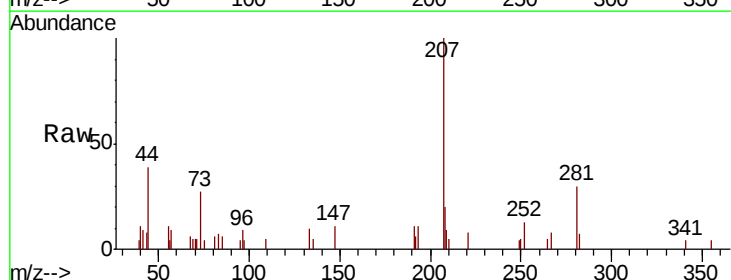
Instrument :
BNA_G
ClientSampled :

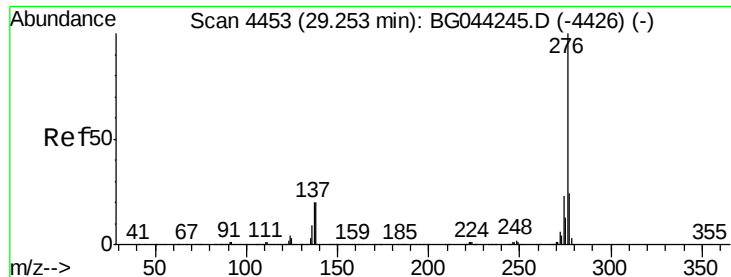
Tot Ion:252 Resp: 1064
Ion Ratio Lower Upper
252 100
253 0.0 19.1 28.7#
125 0.0 8.6 12.8#



#90
Benzo(a)pyrene
Concen: 0.043 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044414.D
Acq: 12 Feb 2020 18:29

Tgt Ion:252 Resp: 1054
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 8.6 13.0#





#92

Benzo(a,h,i)perylene

Concen: 0.005 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.04 min

Lab File: BG044414.D

Acq: 12 Feb 2020 18:29

Instrument :

BNA_G

ClientSampleId :

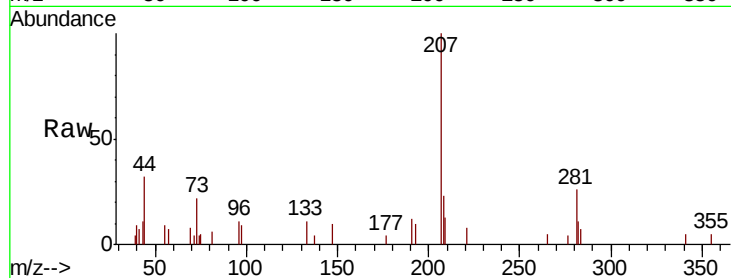
Tot Ion: 276 Resp: 112

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 16.2 24.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

