

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050719\
 Data File : BG040784.D
 Acq On : 8 May 2019 2:09
 Operator : HP/JU
 Sample : K2639-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

Quant Time: May 08 09:02:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50515	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	197753	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	147453	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	386847	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	382943	20.00	ng	-0.03
87) Perylene-d12	25.15	264	310100	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	373673	130.40	ng	0.00
7) Phenol-d6	7.28	99	511659	115.96	ng	-0.02
23) Nitrobenzene-d5	9.32	82	427959	100.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	248397	122.56	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	954643	93.50	ng	-0.02
79) Terphenyl-d14	20.11	244	1820473	105.32	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	242	0.186	ng	# 76
3) Pyridine	3.99	79	58	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	245	0.117	ng	# 1
6) Aniline	7.48	93	62	0.011	ng	# 39
8) 2-Chlorophenol	7.69	128	72	0.021	ng	# 1
9) Benzaldehyde	7.28	77	1467	Below Cal		# 6
10) Phenol	7.28	94	253	0.053	ng	# 1
11) bis(2-Chloroethyl)ether	7.52	93	59	0.017	ng	# 15
12) 1,3-Dichlorobenzene	7.78	146	54	0.014	ng	# 25
13) 1,4-Dichlorobenzene	7.78	146	54	0.014	ng	# 24
14) 1,2-Dichlorobenzene	8.78	146	58	0.016	ng	# 23
15) Benzyl Alcohol	8.47	79	6921	1.507	ng	# 64
16) 2,2'-oxybis(1-Chloropropan	8.68	45	164	0.023	ng	72
17) 2-Methylphenol	8.47	107	74	0.022	ng	# 1
18) Hexachloroethane	9.52	117	72	0.045	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	61083	15.379	ng	# 75
20) 3+4-Methylphenols	8.93	107	55	0.012	ng	# 20
22) Acetophenone	8.98	105	136	0.025	ng	# 45
24) Nitrobenzene	9.32	77	2036	0.446	ng	# 47
25) Isophorone	9.92	82	65	0.007	ng	# 68
26) 2-Nitrophenol	10.45	139	61	0.037	ng	# 23
27) 2,4-Dimethylphenol	10.22	122	65	0.021	ng	# 1
31) Naphthalene	11.01	128	285	0.027	ng	# 68
32) Benzoic acid	10.26	122	78	0.037	ng	# 1
33) 4-Chloroaniline	11.20	127	56	0.012	ng	# 39
34) Hexachlorobutadiene	11.53	225	56	0.020	ng	# 19
35) Caprolactam	11.43	113	69	0.050	ng	# 1
36) 4-Chloro-3-methylphenol	12.64	107	76	0.017	ng	# 25
37) 2-Methylnaphthalene	12.83	142	55	0.007	ng	# 13
38) 1-Methylnaphthalene	12.83	142	55	0.007	ng	# 7
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	89	0.016	ng	# 25
41) Hexachlorocyclopentadiene	12.73	237	74	0.023	ng	# 27
43) 2,4,6-Trichlorophenol	13.26	196	54	0.016	ng	# 13
44) 2,4,5-Trichlorophenol	13.26	196	54	0.015	ng	# 16

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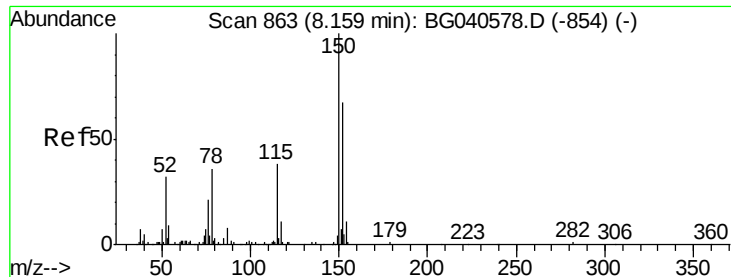
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 1,1'-Biphenyl	13.61	154	1545	0.135	ng	99
47) 2-Chloronaphthalene	13.81	162	56	0.006	ng	# 37
48) 2-Nitroaniline	13.40	65	2146	0.673	ng	# 1
49) Acenaphthylene	14.49	152	114	0.007	ng	# 59
50) Dimethylphthalate	14.21	163	57	0.005	ng	# 75
51) 2,6-Dinitrotoluene	14.77	165	19306	8.018	ng	# 14
52) Acenaphthene	14.82	154	57	0.006	ng	# 2
53) 3-Nitroaniline	14.72	138	64	0.026	ng	# 1
55) Dibenzofuran	15.18	168	284	0.020	ng	# 42
56) 4-Nitrophenol	14.98	139	53	0.025	ng	# 1
57) 2,4-Dinitrotoluene	14.77	165	19306	5.901	ng	# 16
58) Fluorene	16.26	166	7527	0.642	ng	# 81
59) 2,3,4,6-Tetrachlorophenol	15.40	232	66	0.018	ng	# 41
60) Diethylphthalate	15.56	149	150	0.012	ng	# 58
62) 4-Nitroaniline	15.83	138	72	0.026	ng	# 1
63) Azobenzene	16.13	77	78	0.006	ng	# 47
65) 4,6-Dinitro-2-methylphenol	15.85	198	75	7.135	ng	# 28
66) n-Nitrosodiphenylamine	16.25	169	8345	0.733	ng	# 46
67) 4-Bromophenyl-phenylether	16.26	248	17524	3.636	ng	# 1
68) Hexachlorobenzene	16.80	284	62	0.012	ng	# 17
71) Phenanthrene	17.56	178	988	0.047	ng	# 78
72) Anthracene	17.56	178	988	0.047	ng	# 77
73) Carbazole	17.93	167	97	0.005	ng	# 58
74) Di-n-butylphthalate	18.45	149	1103	0.048	ng	# 76
75) Fluoranthene	19.56	202	324	0.012	ng	# 63
77) Benzidine	20.11	184	32784	3.127	ng	# 96
78) Pyrene	19.91	202	334	0.014	ng	# 56
80) Butylbenzylphthalate	20.76	149	57	0.006	ng	# 20
81) Benzo(a)anthracene	21.80	228	1518	0.063	ng	# 54
82) 3,3'-Dichlorobenzidine	21.69	252	117	0.014	ng	# 25
83) Chrysene	21.80	228	1518	0.066	ng	# 51
84) Bis(2-ethylhexyl)phthalate	21.64	149	1107	0.082	ng	# 53
85) Di-n-octyl phthalate	22.93	149	64	0.003	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.98	276	146	0.005	ng	# 60
88) Benzo(b)fluoranthene	24.07	252	240	0.013	ng	# 60
89) Benzo(k)fluoranthene	24.14	252	342	0.019	ng	# 30
90) Benzo(a)pyrene	24.99	252	193	0.011	ng	# 60
91) Dibenzo(a,h)anthracene	29.09	278	61	0.003	ng	# 59
92) Benzo(g,h,i)perylene	30.25	276	54	0.003	ng	# 58

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

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ClientSampleId :

NB-08-050319-B

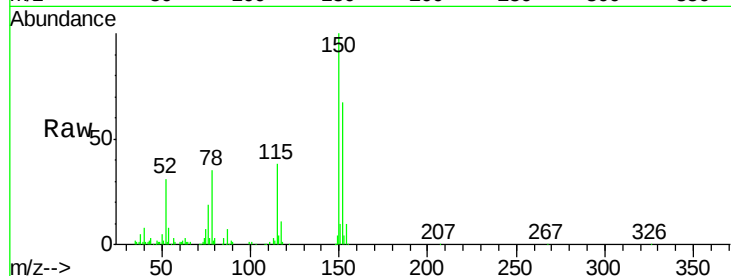
Tgt Ion:152 Resp: 50515

Ion Ratio Lower Upper

152 100

150 148.3 120.2 180.2

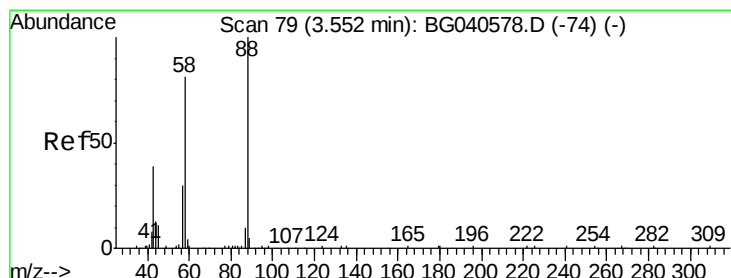
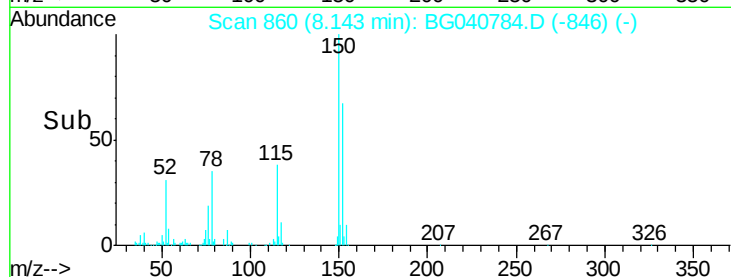
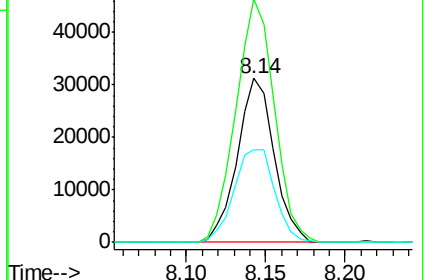
115 56.4 46.2 69.2



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: 0.186 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

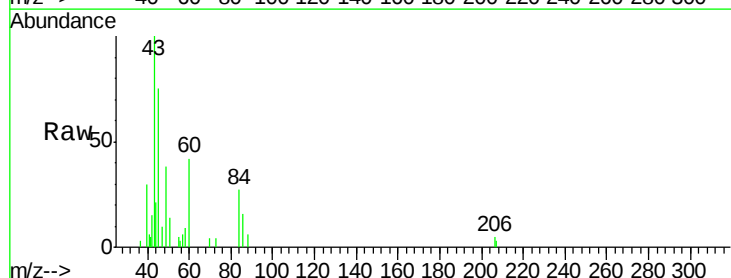
Tgt Ion: 88 Resp: 242

Ion Ratio Lower Upper

88 100

58 87.6 71.2 106.8

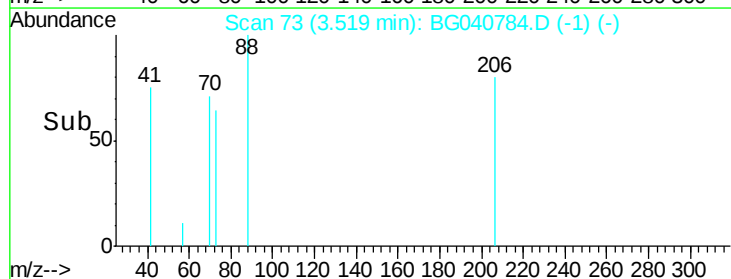
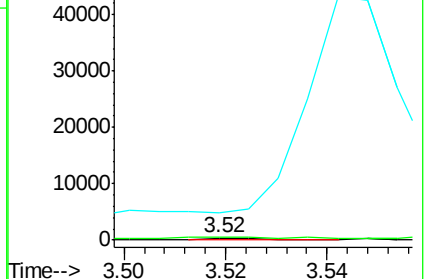
43 0.0 35.6 53.4#

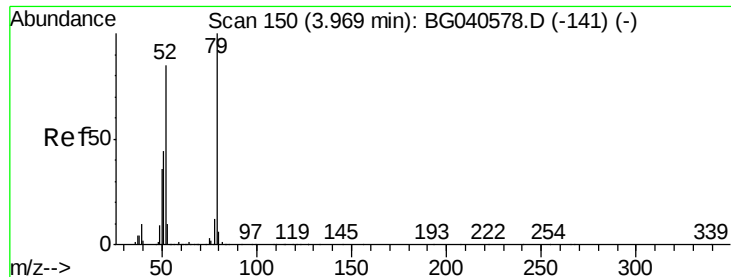


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.015 ng

RT: 3.99 min Scan# 154

Delta R.T. 0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

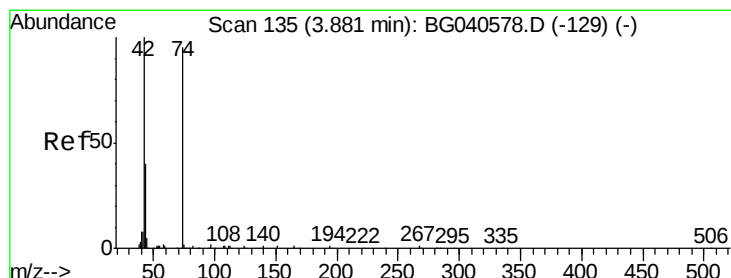
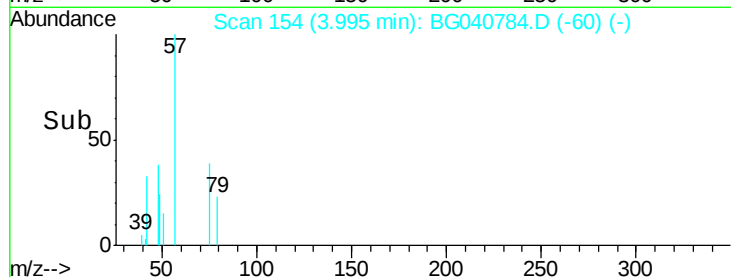
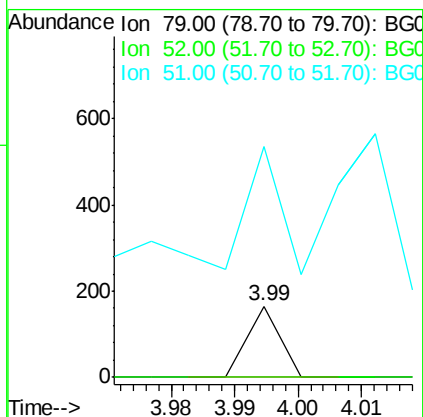
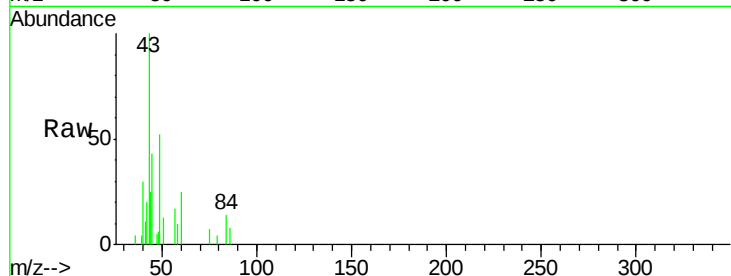
Tgt Ion: 79 Resp: 58

Ion Ratio Lower Upper

79 100

52 0.0 67.5 101.3#

51 325.5 35.6 53.4#



#4

n-Nitrosodimethylamine

Concen: 0.117 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

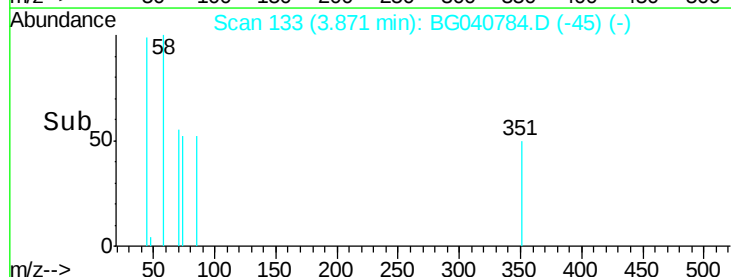
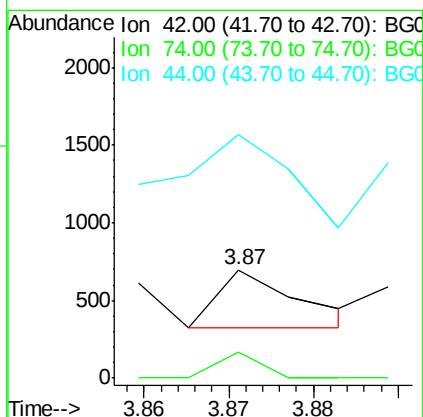
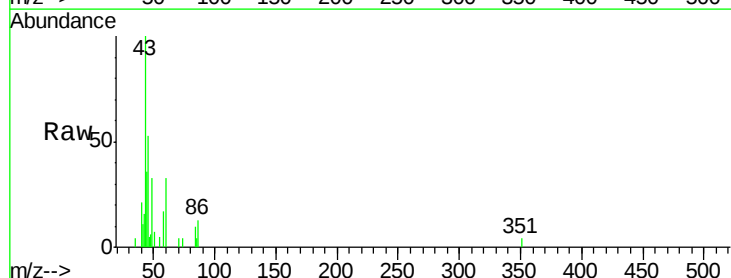
Tgt Ion: 42 Resp: 245

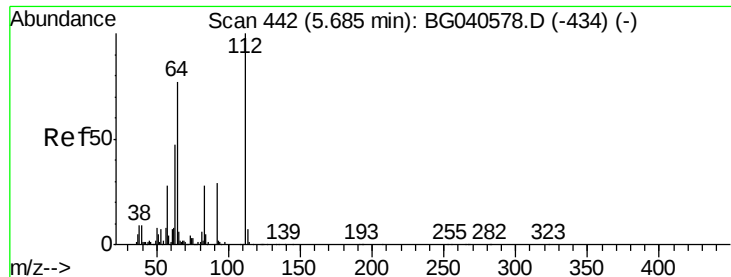
Ion Ratio Lower Upper

42 100

74 24.2 74.6 111.8#

44 224.3 7.4 11.0#





#5

2-Fluorophenol

Concen: 130.396 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

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ClientSampleId :

NB-08-050319-B

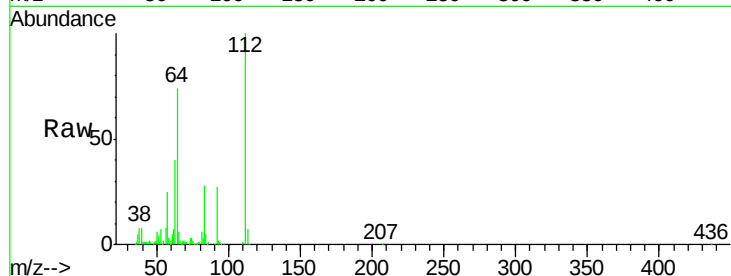
Tgt Ion:112 Resp: 373673

Ion Ratio Lower Upper

112 100

64 74.3 61.4 92.0

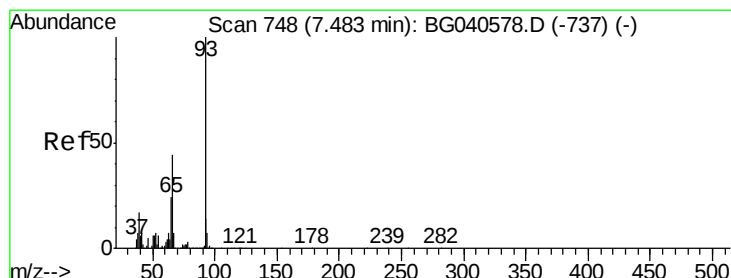
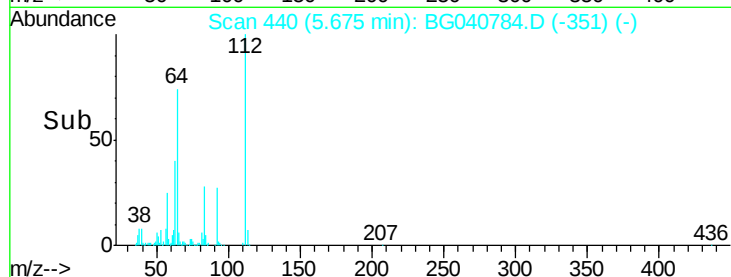
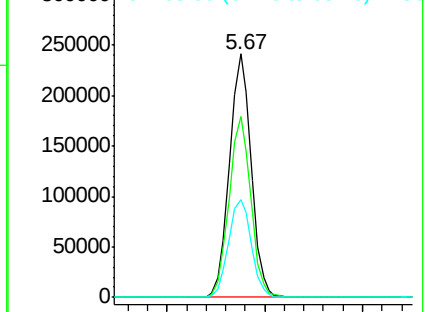
63 40.2 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.011 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

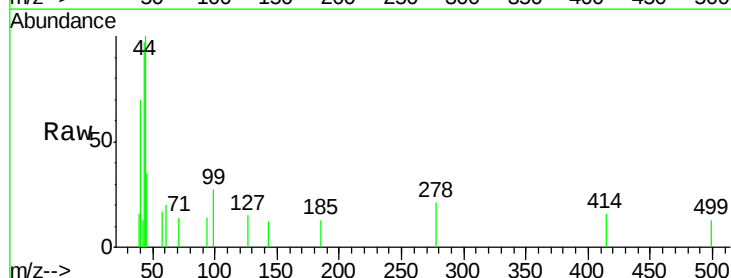
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

66 0.0 35.5 53.3#

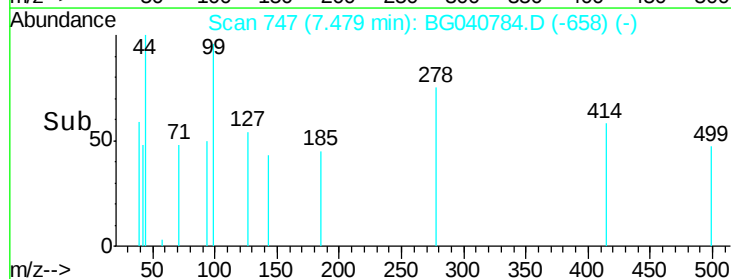
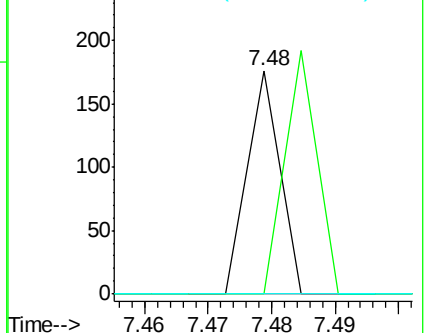
65 0.0 19.2 28.8#

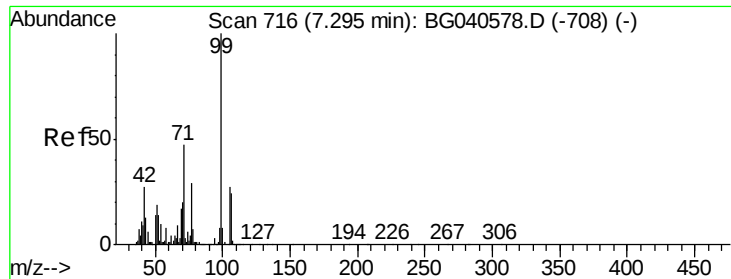


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.961 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

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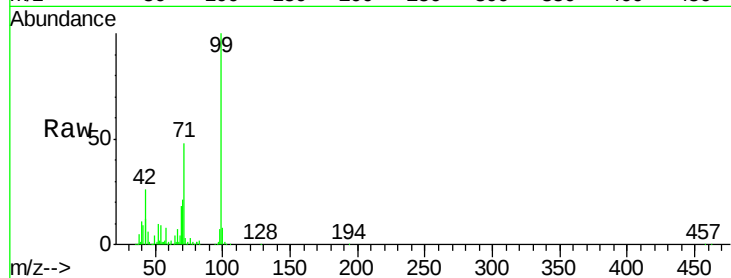
Tgt Ion: 99 Resp: 511659

Ion Ratio Lower Upper

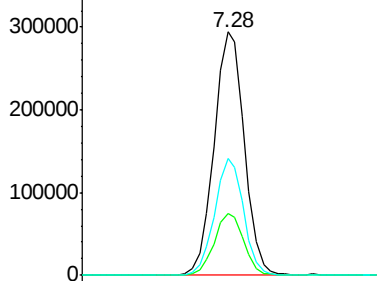
99 100

42 25.5 21.8 32.8

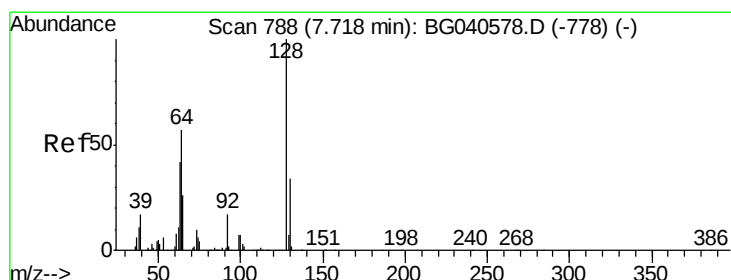
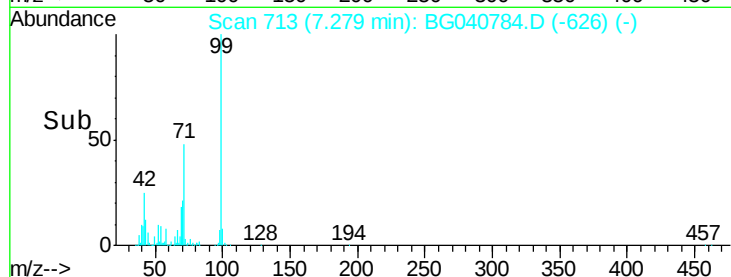
71 47.8 38.6 57.8



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



Time-->



#8

2-Chlorophenol

Concen: 0.021 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

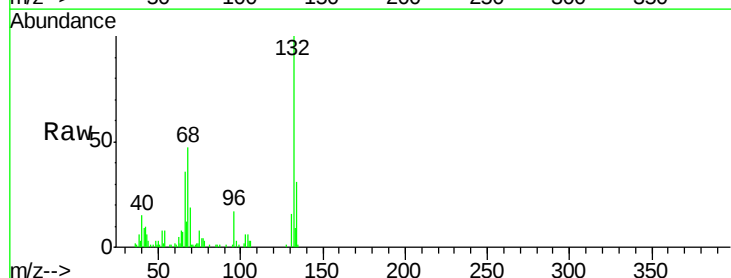
Tgt Ion: 128 Resp: 72

Ion Ratio Lower Upper

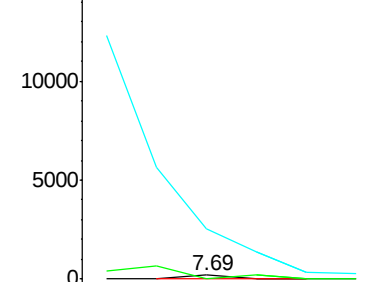
128 100

130 0.0 14.5 54.5#

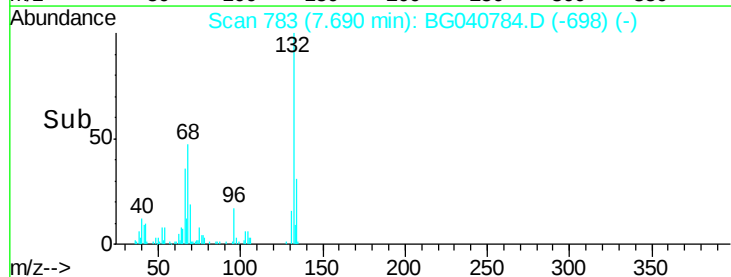
64 1230.7 38.4 78.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: Below Cal

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

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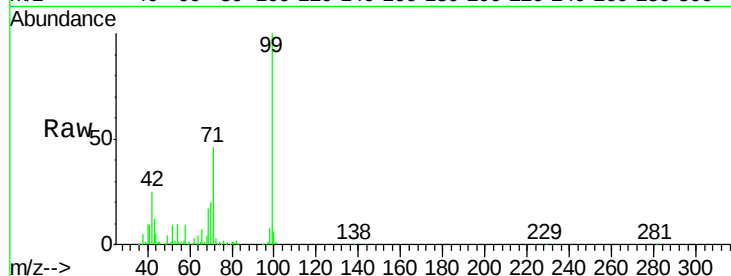
Tgt Ion: 77 Resp: 1467

Ion Ratio Lower Upper

77 100

105 0.0 72.0 112.0#

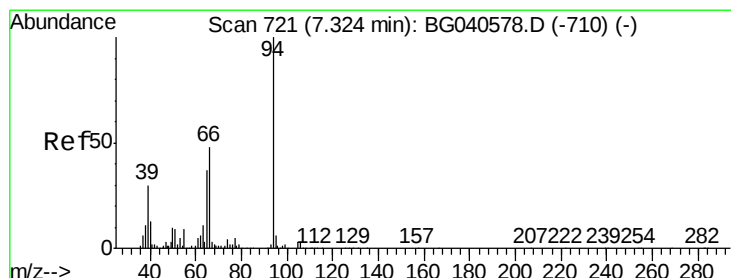
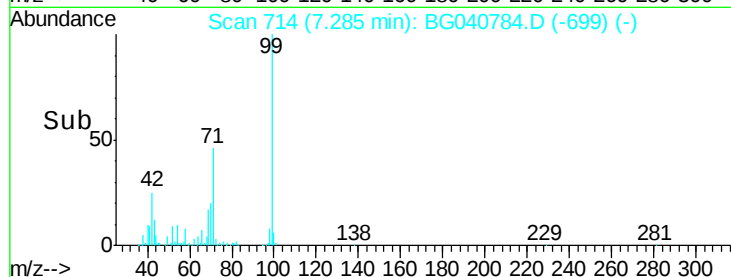
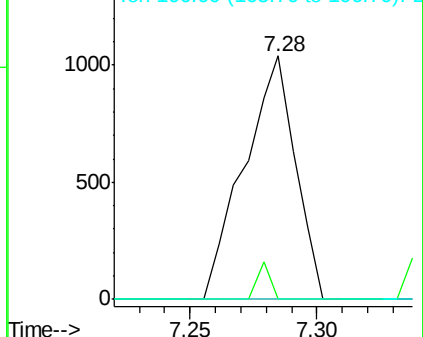
106 0.0 61.2 101.2#



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: 0.053 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.04 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

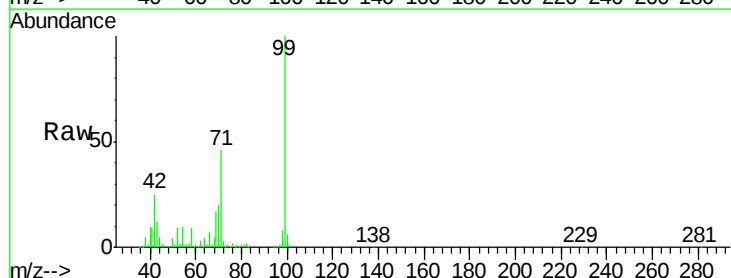
Tgt Ion: 94 Resp: 253

Ion Ratio Lower Upper

94 100

65 1001.2 17.0 57.0#

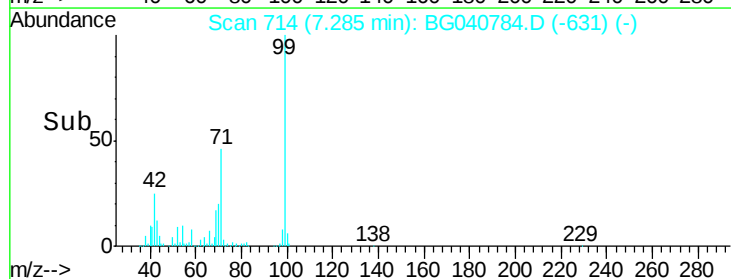
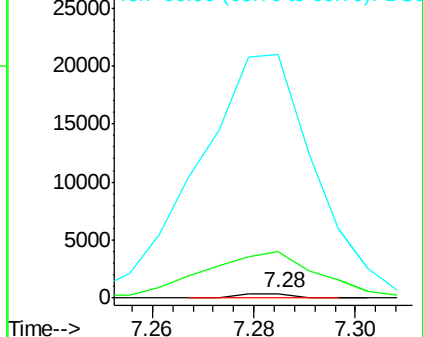
66 5215.9 28.6 68.6#

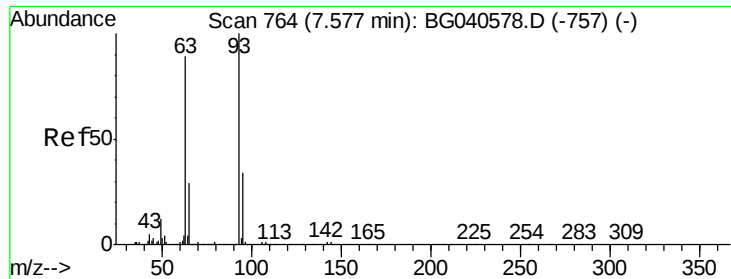


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

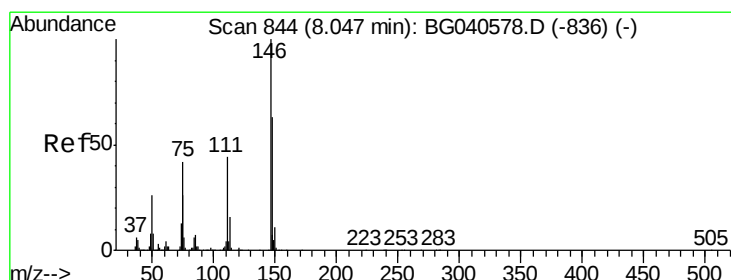
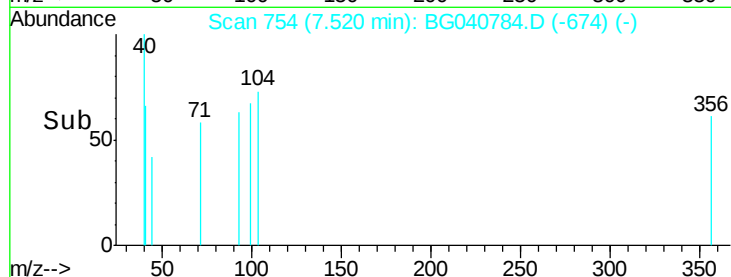
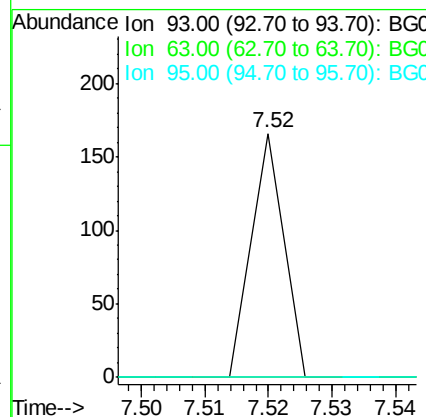
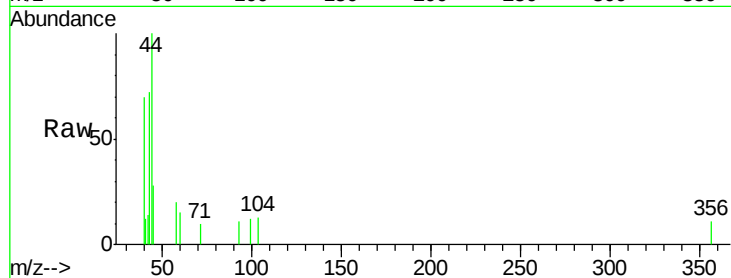




#11
bis(2-Chloroethyl)ether
Concen: 0.017 ng
RT: 7.52 min Scan# 754
Delta R.T. -0.06 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

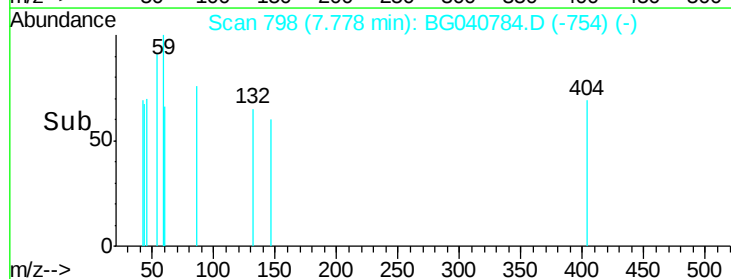
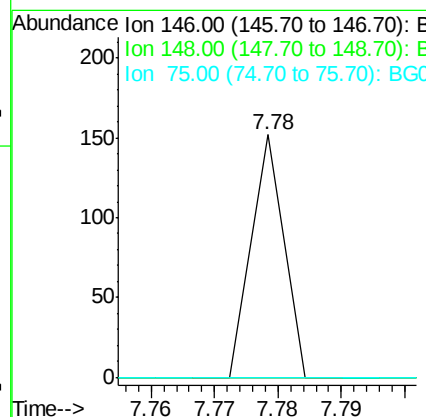
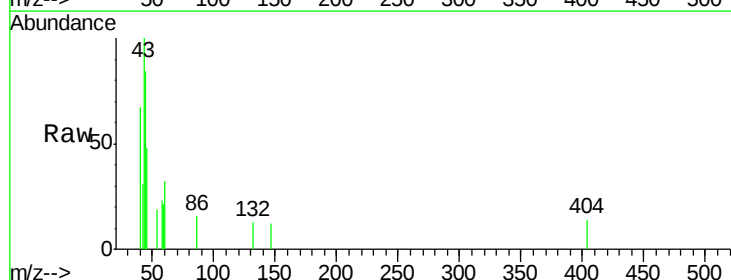
Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

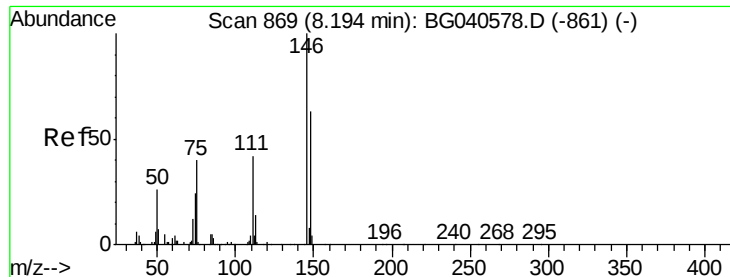
Tgt Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.2	108.2#
95	0.0	14.3	54.3#



#12
1,3-Dichlorobenzene
Concen: 0.014 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.27 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.7	76.1#
75	0.0	33.4	50.2#

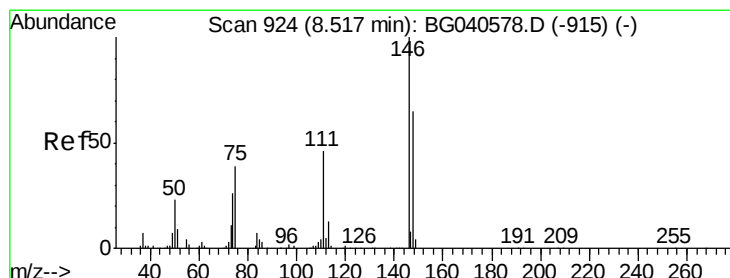
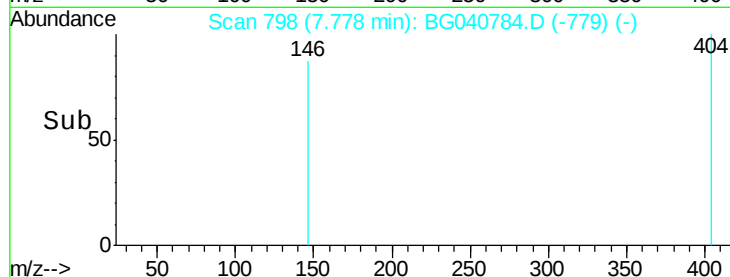
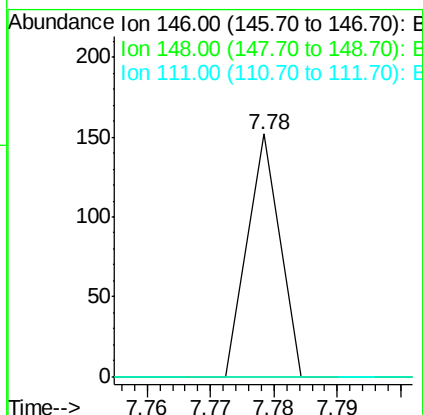
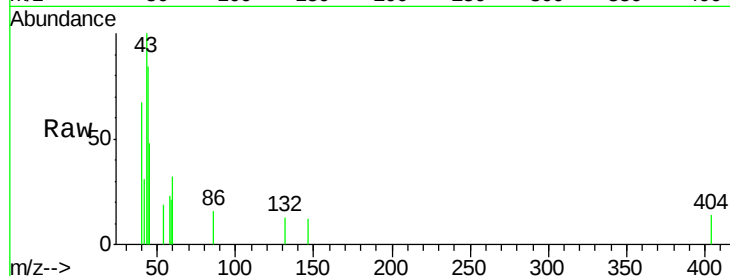




#13
 1,4-Dichlorobenzene
 Concen: 0.014 ng
 RT: 7.78 min Scan# 798
 Delta R.T. -0.42 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

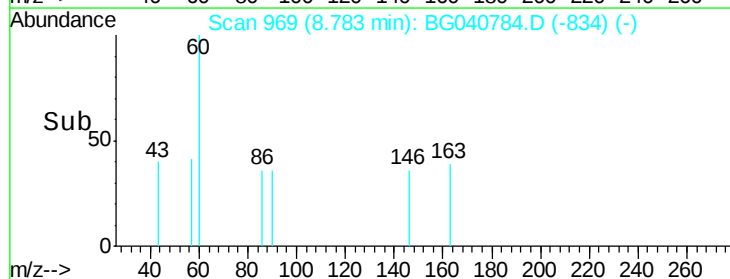
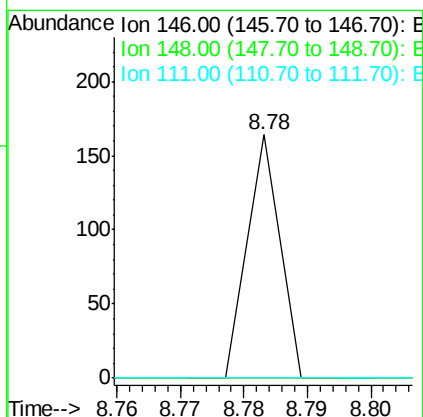
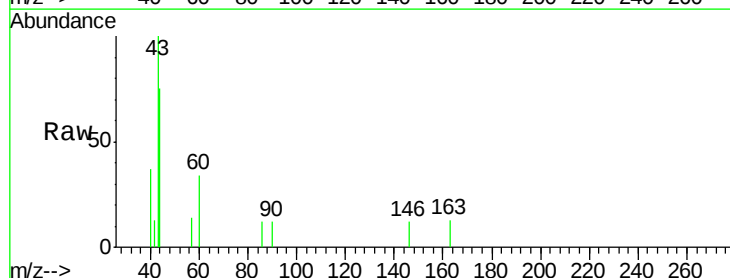
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

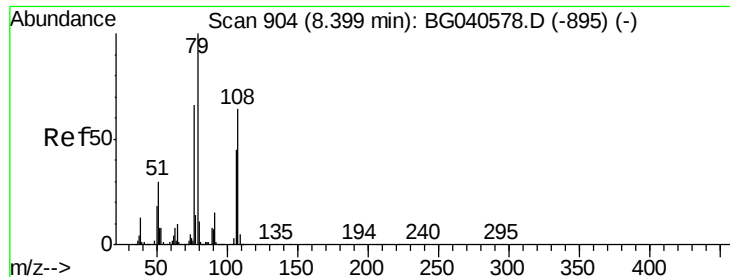
Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.6	75.8#
111	0.0	34.3	51.5#



#14
 1,2-Dichlorobenzene
 Concen: 0.016 ng
 RT: 8.78 min Scan# 969
 Delta R.T. 0.27 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.2	78.4#
111	0.0	37.4	56.0#





#15

Benzyl Alcohol

Concen: 1.507 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.07 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

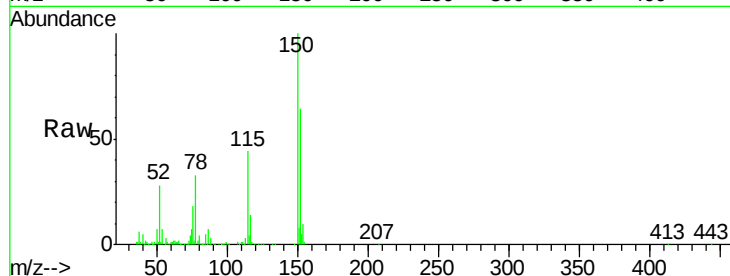
Tgt Ion: 79 Resp: 6921

Ion Ratio Lower Upper

79 100

108 41.5 51.4 77.0#

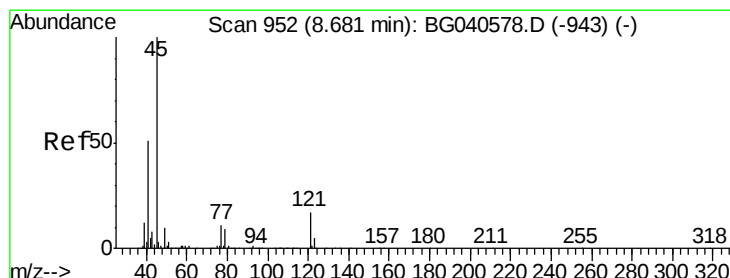
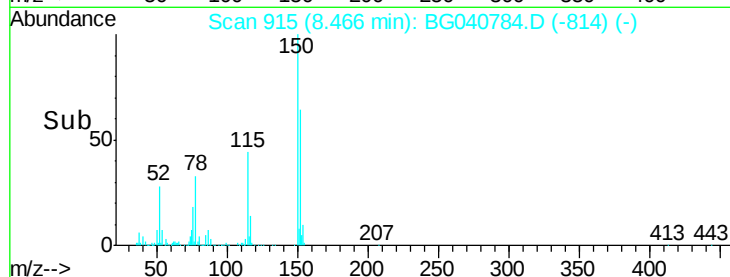
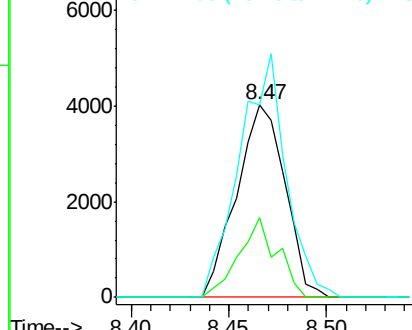
77 99.8 52.6 79.0#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.023 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

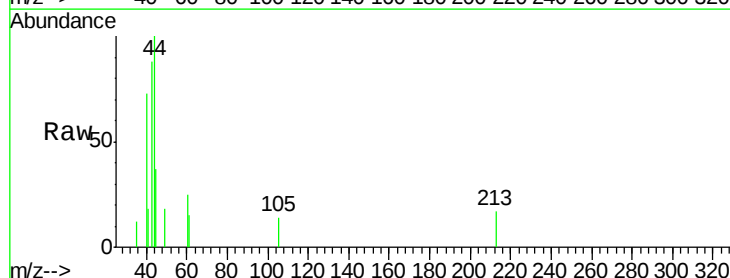
Tgt Ion: 45 Resp: 164

Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

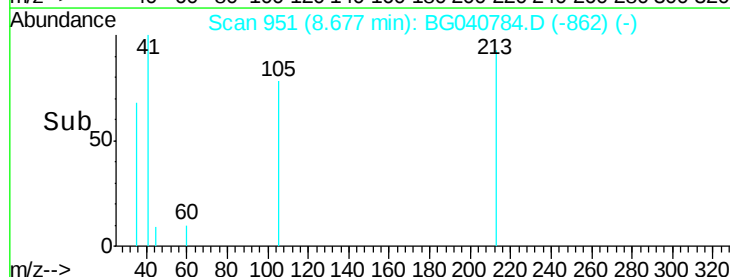
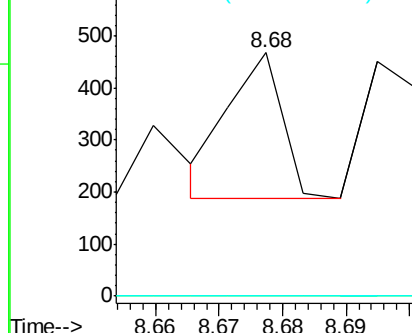
79 0.0 0.0 29.4

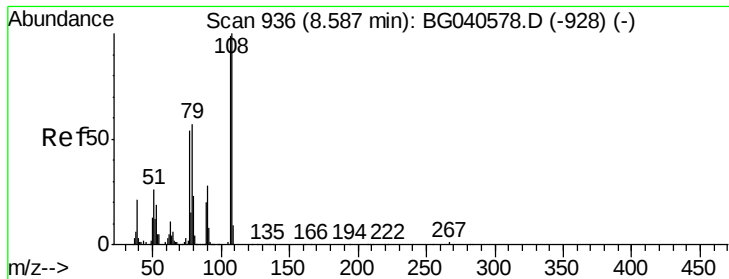


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

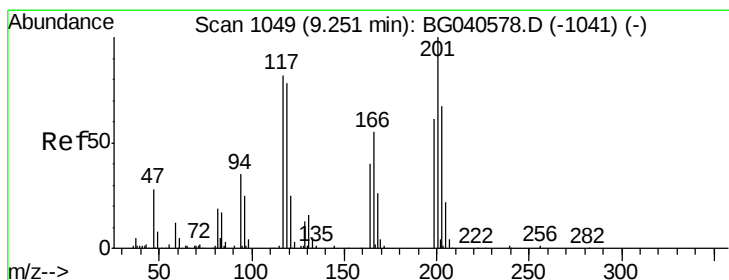
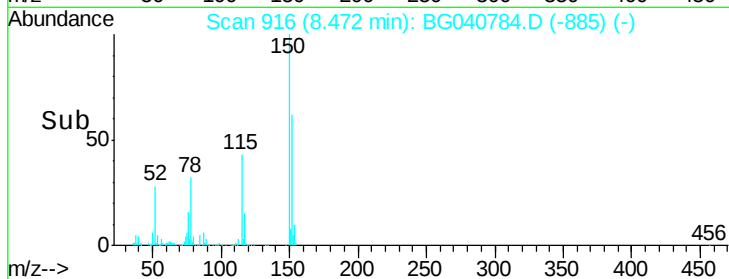
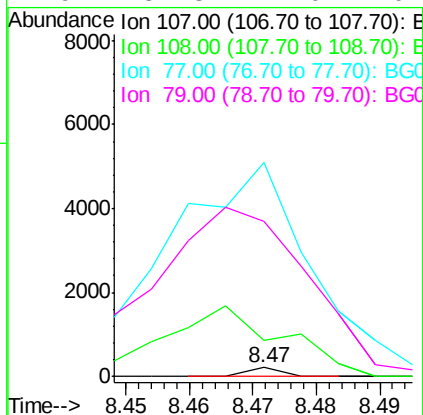
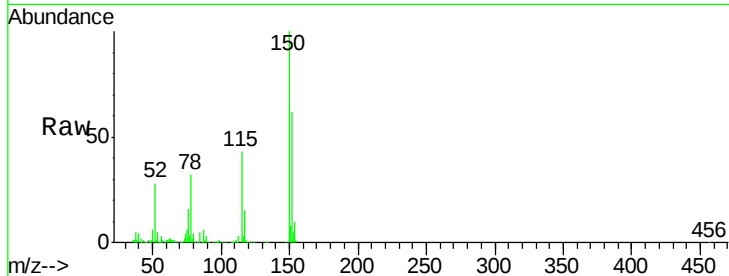




#17
2-Methylphenol
Concen: 0.022 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.12 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

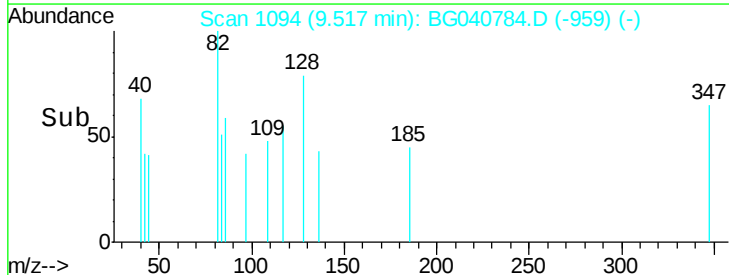
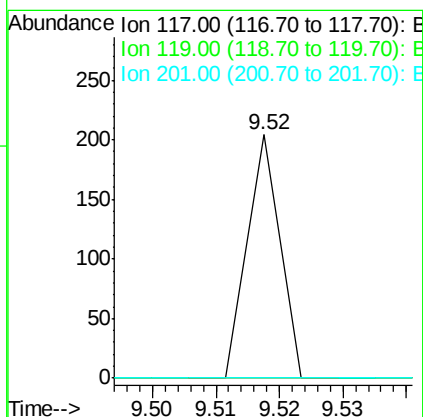
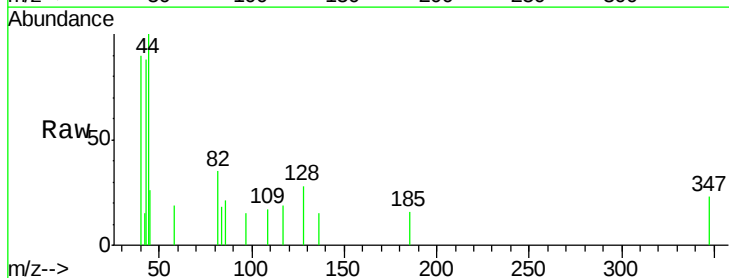
Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

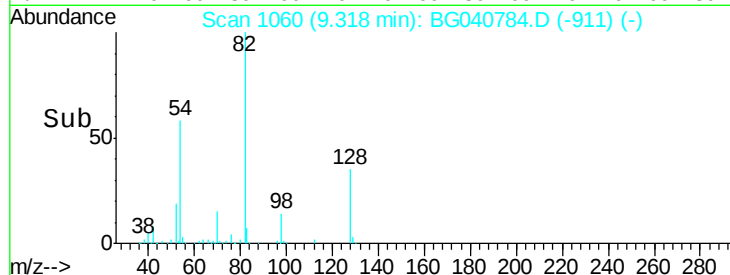
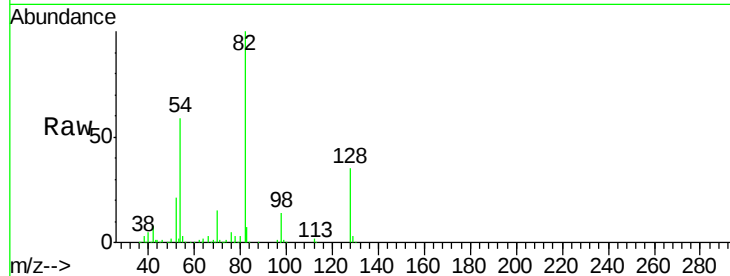
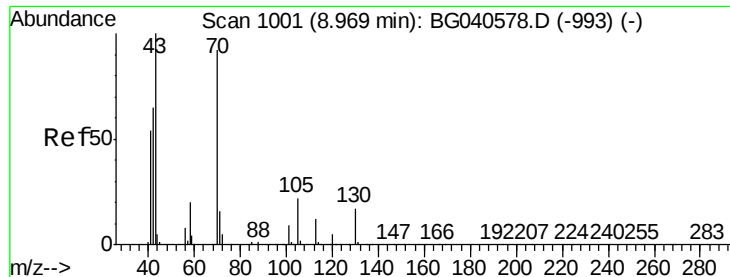
Tgt Ion:107 Resp: 74
Ion Ratio Lower Upper
107 100
108 399.1 81.2 121.8#
77 2414.2 44.4 66.6#
79 1757.8 47.0 70.4#



#18
Hexachloroethane
Concen: 0.045 ng
RT: 9.52 min Scan# 1094
Delta R.T. 0.27 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion:117 Resp: 72
Ion Ratio Lower Upper
117 100
119 0.0 76.6 114.8#
201 0.0 101.0 151.6#

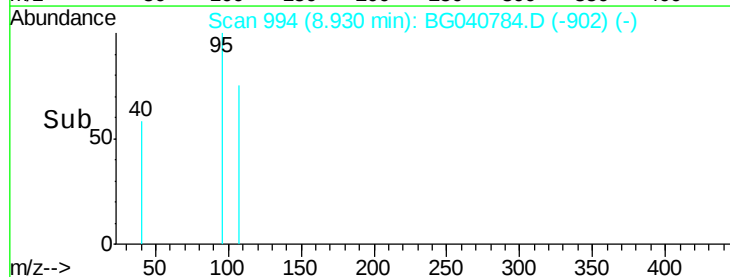
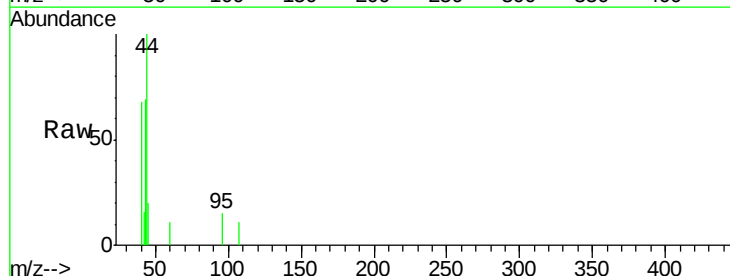
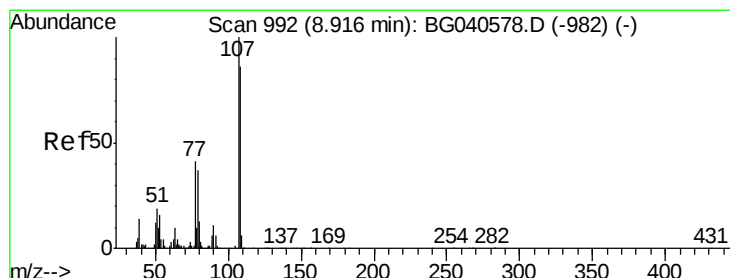
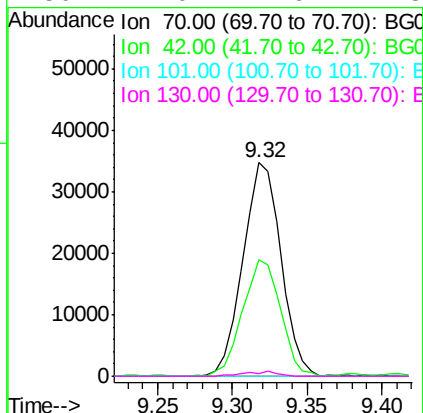




#19
n-Nitroso-di-n-propylamine
Concen: 15.379 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

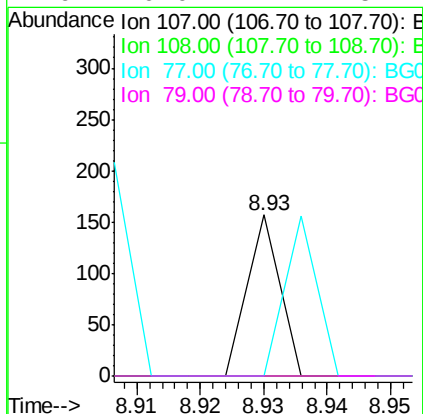
Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

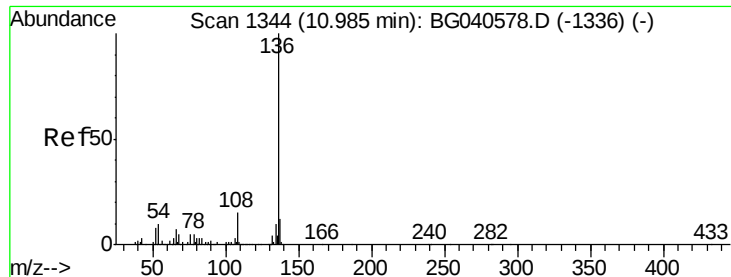
Tgt Ion: 70 Resp: 61083
Ion Ratio Lower Upper
70 100
42 54.3 57.1 85.7#
101 0.0 7.8 11.8#
130 1.0 14.6 21.8#



#20
3+4-Methylphenols
Concen: 0.012 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion: 107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 66.1 106.1#
77 0.0 21.6 61.6#
79 0.0 17.4 57.4#

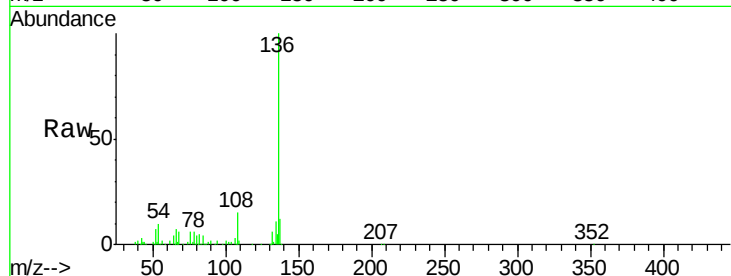




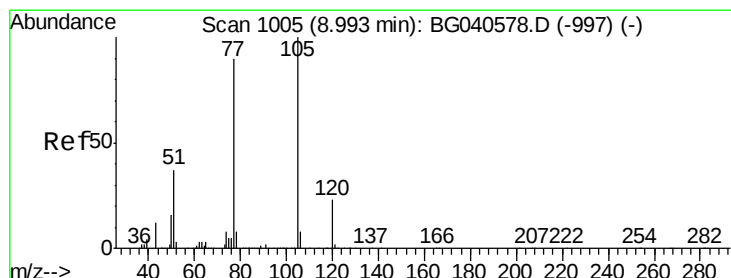
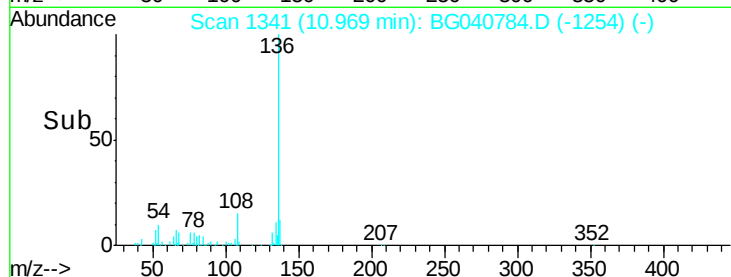
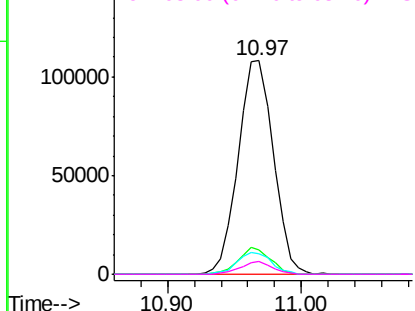
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

Tgt Ion:	136	Resp:	197753
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	9.7	8.6	12.8
68	6.0	4.8	7.2

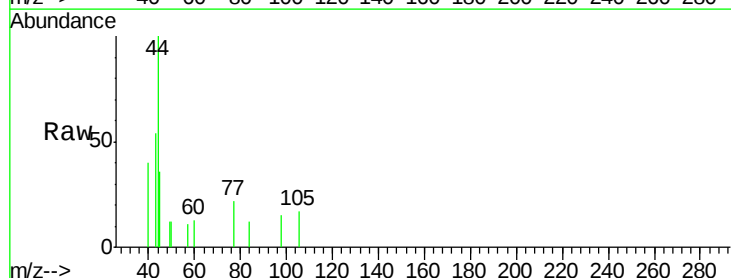


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

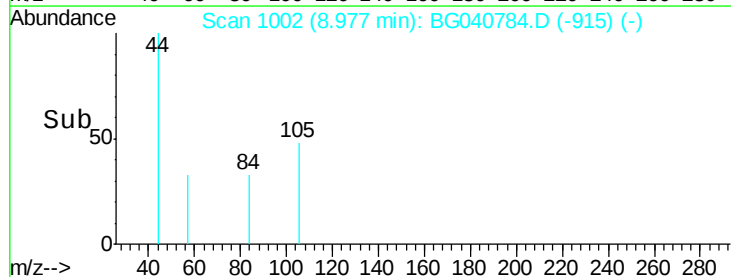
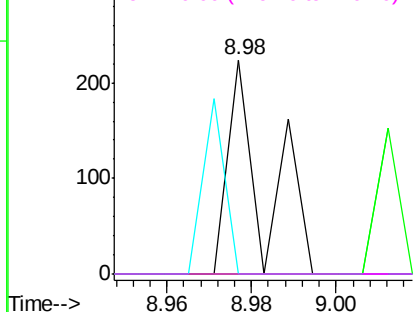


#22
Acetophenone
Concen: 0.025 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion:	105	Resp:	136
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.8	2.8#
51	0.0	29.8	44.8#
120	0.0	18.4	27.6#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 99.995 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

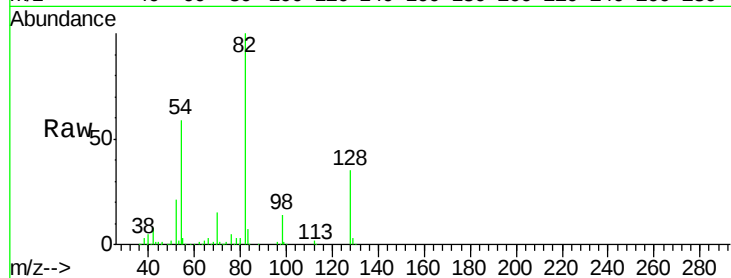
Tgt Ion: 82 Resp: 427959

Ion Ratio Lower Upper

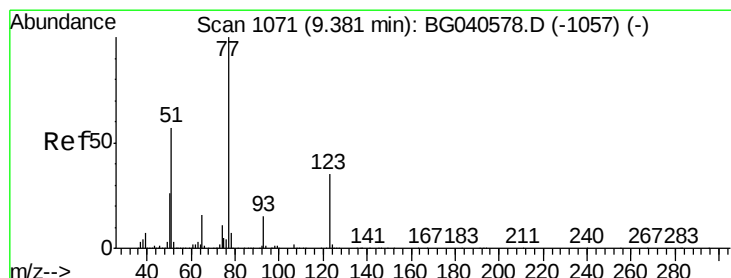
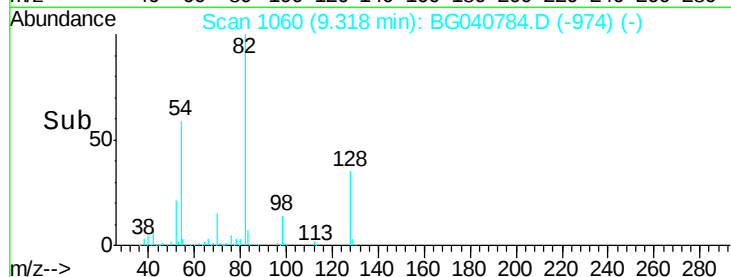
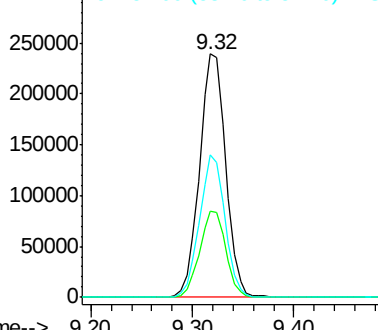
82 100

128 35.3 28.9 43.3

54 58.5 47.2 70.8



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



#24

Nitrobenzene

Concen: 0.446 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

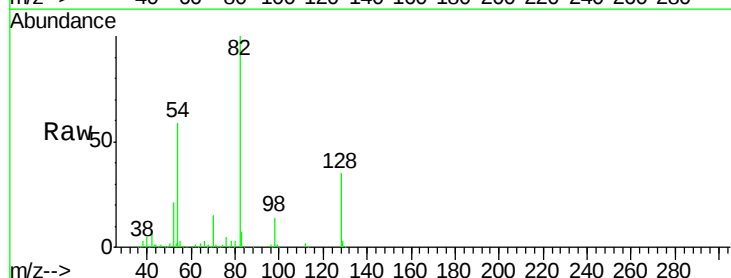
Tgt Ion: 77 Resp: 2036

Ion Ratio Lower Upper

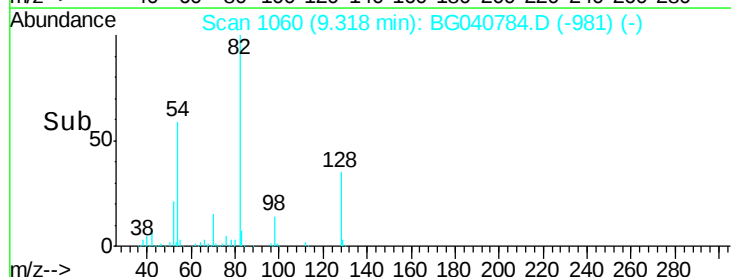
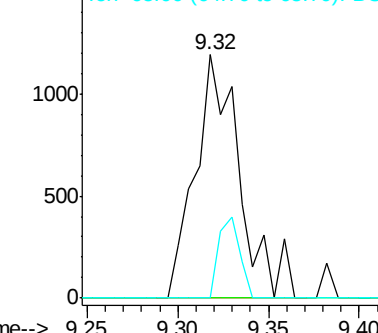
77 100

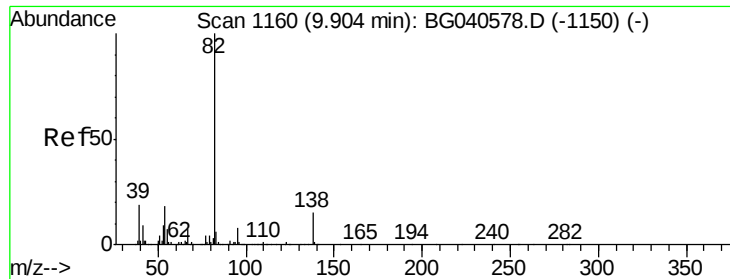
123 0.0 27.8 41.6#

65 0.0 12.4 18.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.007 ng

RT: 9.92 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

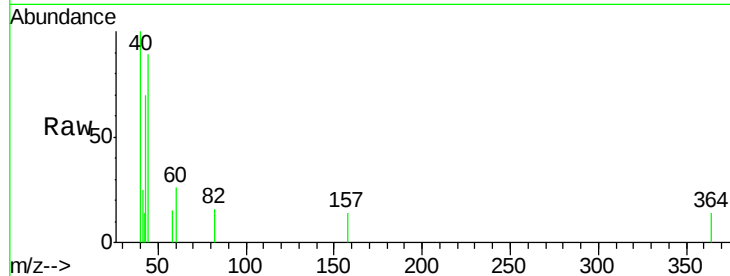
Tgt Ion: 82 Resp: 65

Ion Ratio Lower Upper

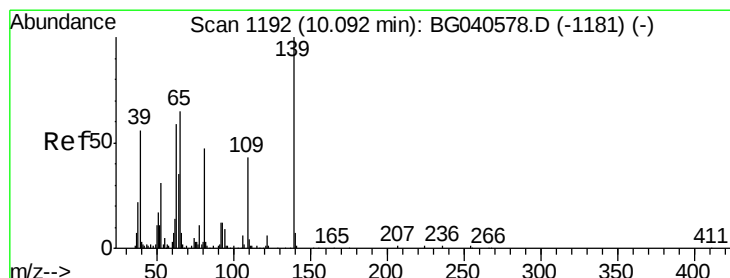
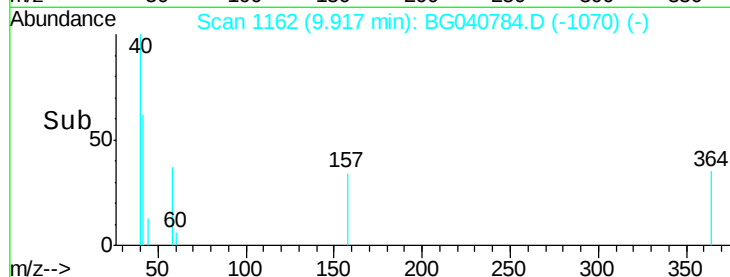
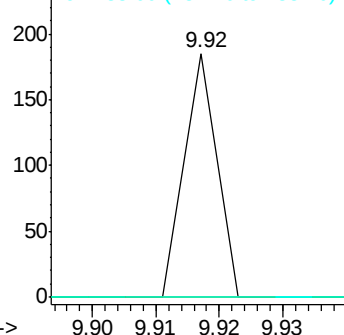
82 100

95 0.0 6.9 10.3#

138 0.0 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 0.037 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.35 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

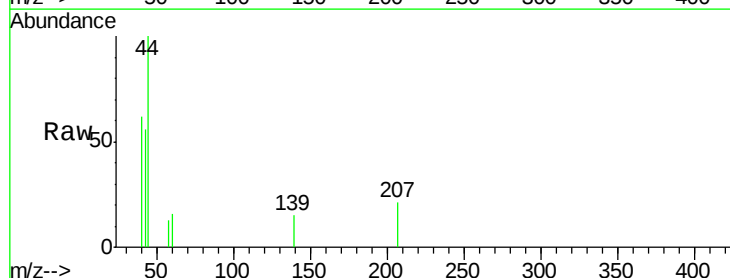
Tgt Ion: 139 Resp: 61

Ion Ratio Lower Upper

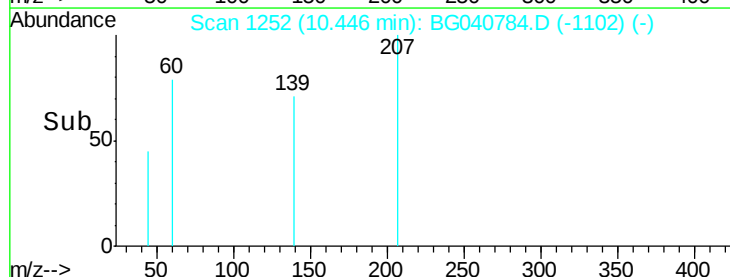
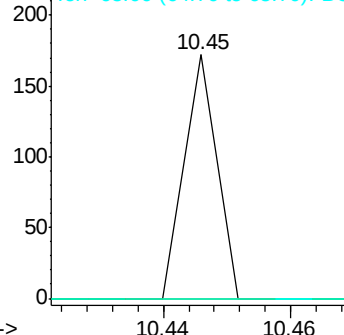
139 100

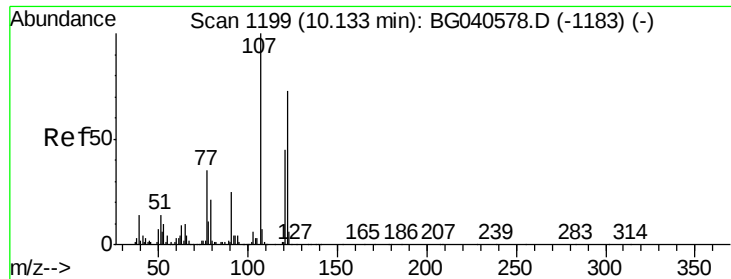
109 0.0 35.6 53.4#

65 0.0 52.3 78.5#



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

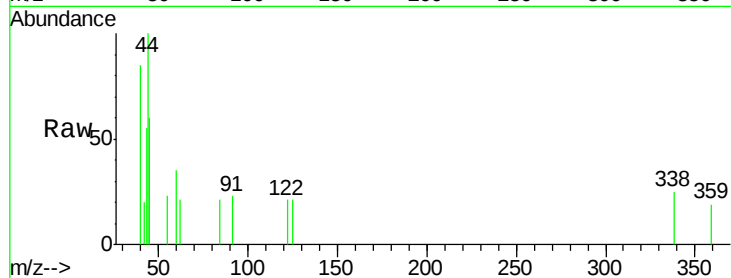




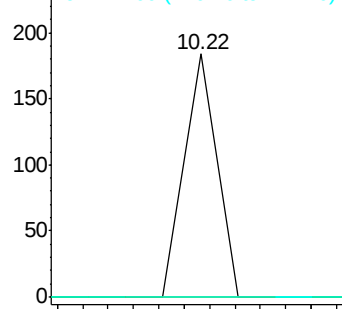
#27
 2,4-Dimethylphenol
 Concen: 0.021 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. 0.09 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

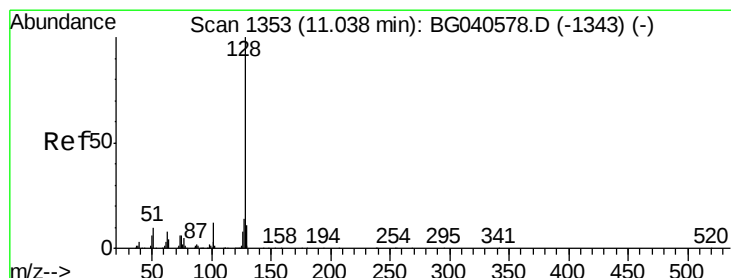
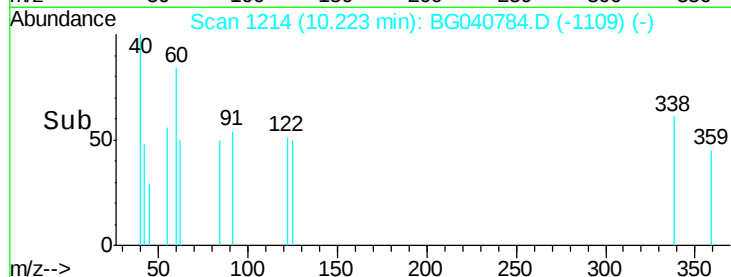
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	110.1	165.1#
121	0.0	49.4	74.0#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

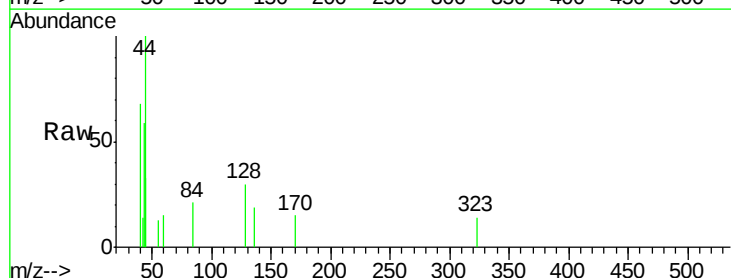


Time--> 10.20 10.22 10.24

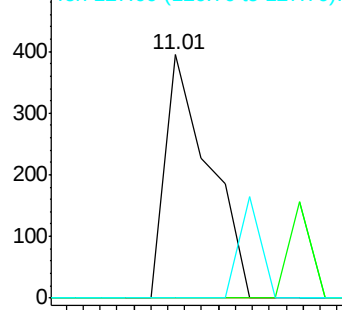


#31
 Naphthalene
 Concen: 0.027 ng
 RT: 11.01 min Scan# 1348
 Delta R.T. -0.03 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

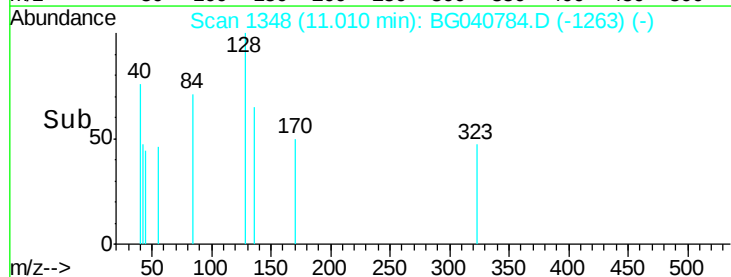
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	11.3	16.9#

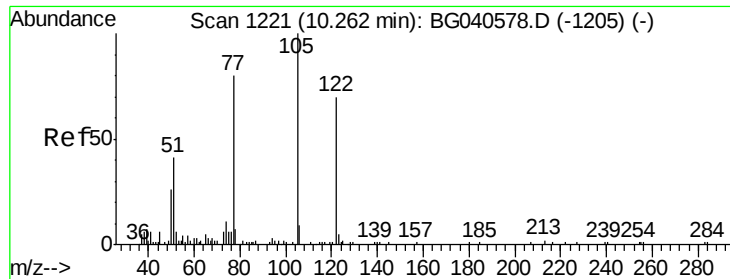


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time--> 11.00 11.02 11.04





#32

Benzoic acid

Concen: 0.037 ng

RT: 10.26 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

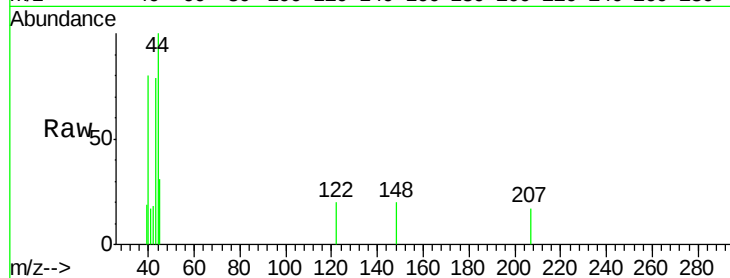
Tgt Ion:122 Resp: 78

Ion Ratio Lower Upper

122 100

105 0.0 110.9 150.9#

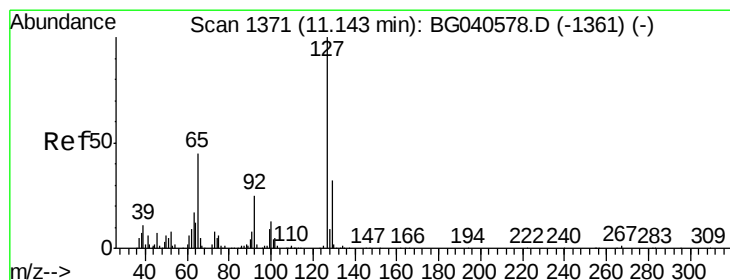
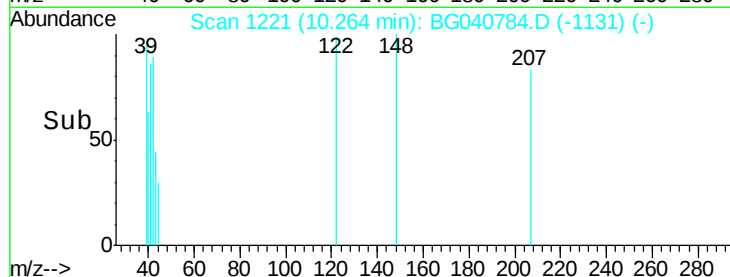
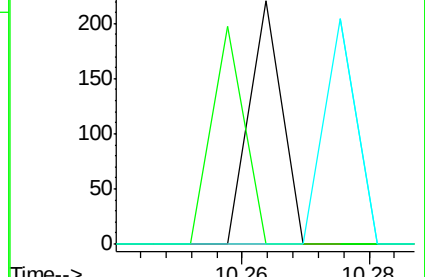
77 0.0 87.6 127.6#



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



#33

4-Chloroaniline

Concen: 0.012 ng

RT: 11.20 min Scan# 1381

Delta R.T. 0.06 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Tgt Ion:127 Resp: 56

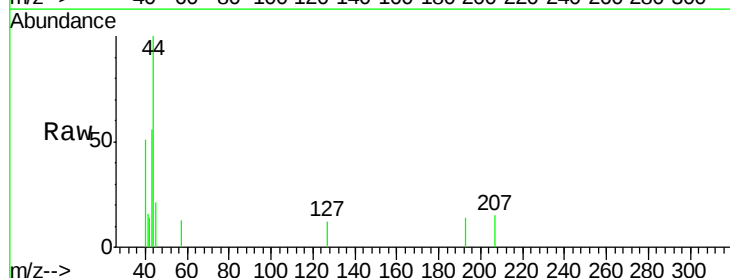
Ion Ratio Lower Upper

127 100

129 0.0 25.7 38.5#

65 0.0 36.1 54.1#

92 0.0 20.1 30.1#

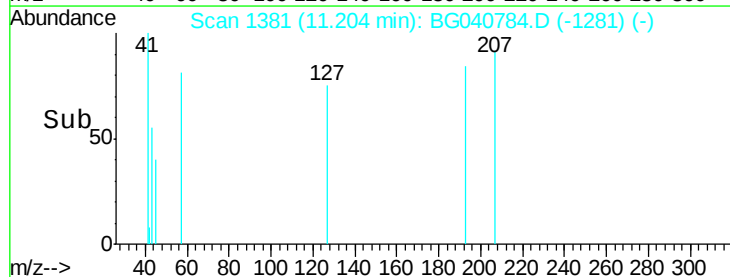
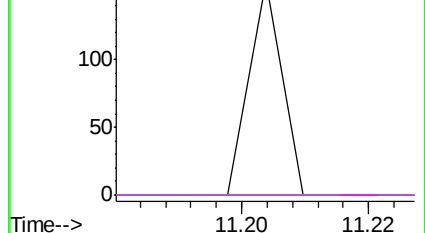


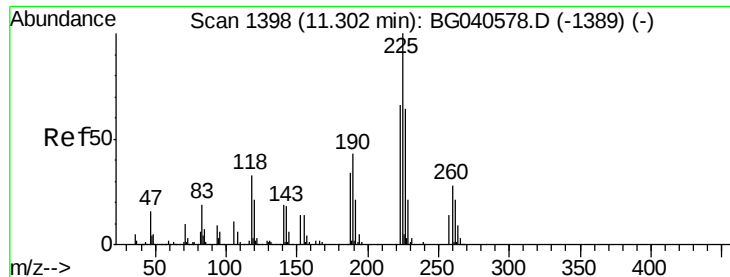
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 0.020 ng

RT: 11.53 min Scan# 1436

Delta R.T. 0.22 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

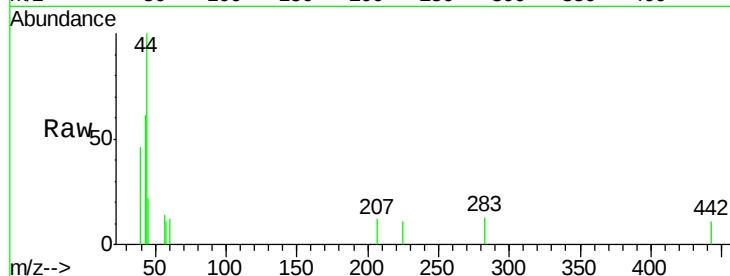
Tgt Ion: 225 Resp: 56

Ion Ratio Lower Upper

225 100

223 0.0 50.4 75.6#

227 0.0 51.0 76.6#



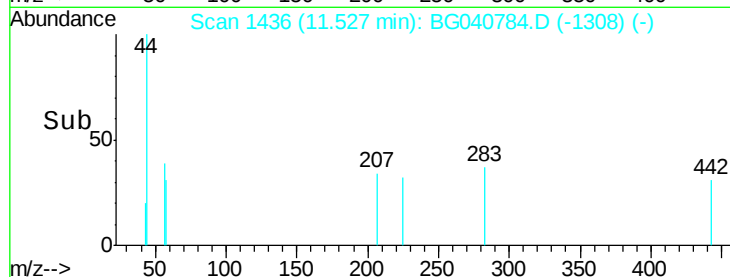
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

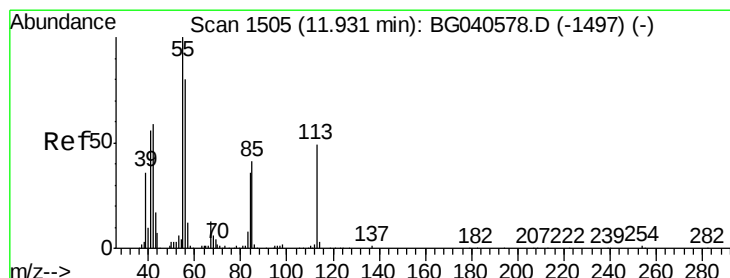
Ion 227.00 (226.70 to 227.70): E

11.53

11.52 11.54



Time-->



#35

Caprolactam

Concen: 0.050 ng

RT: 11.43 min Scan# 1419

Delta R.T. -0.50 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

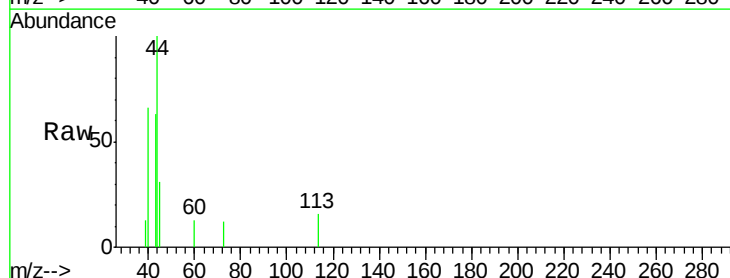
Tgt Ion: 113 Resp: 69

Ion Ratio Lower Upper

113 100

55 0.0 198.6 238.6#

56 0.0 148.4 188.4#



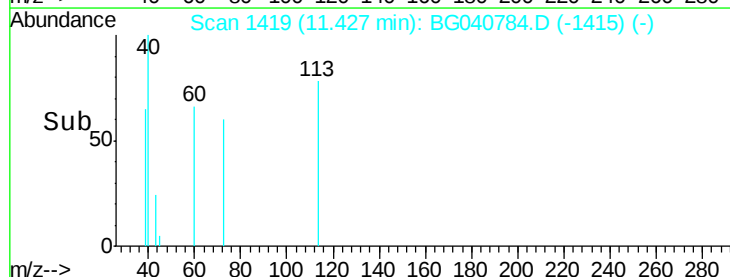
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

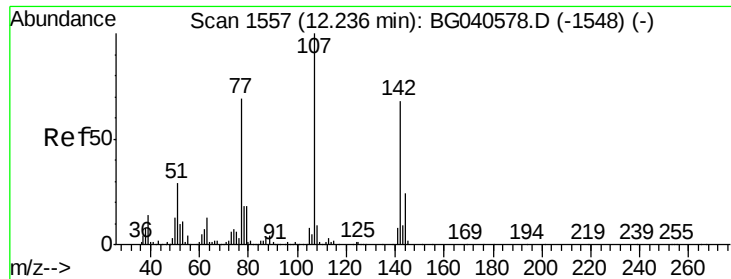
Ion 56.00 (55.70 to 56.70): BGC

11.43

11.42 11.44



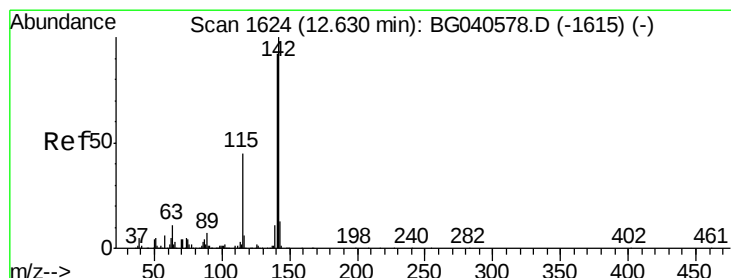
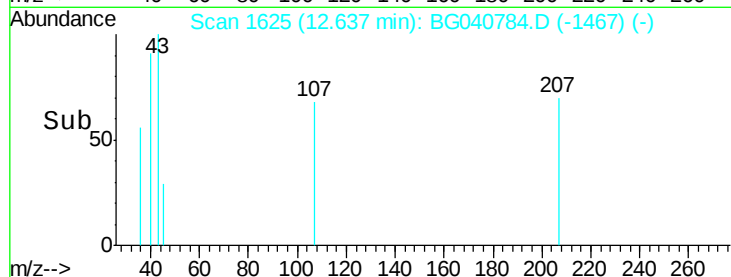
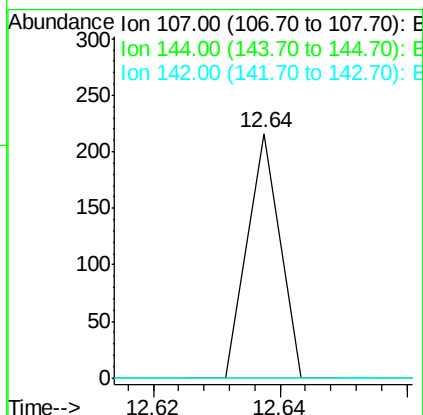
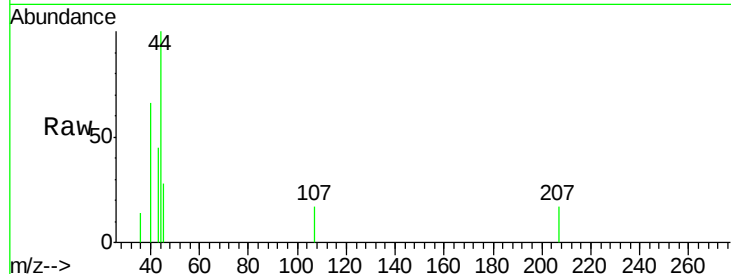
Time-->



#36
 4-Chloro-3-methylphenol
 Concen: 0.017 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. 0.40 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

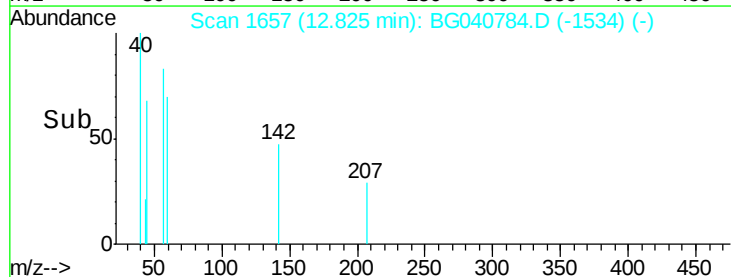
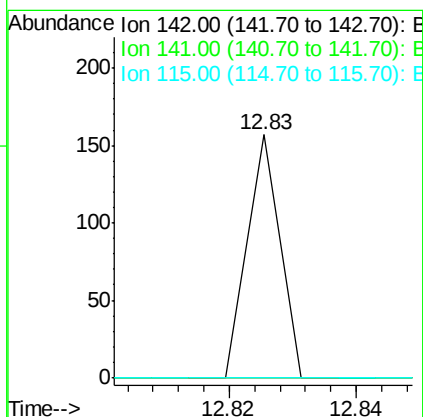
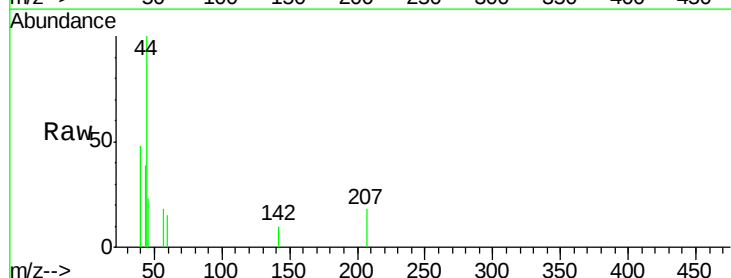
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

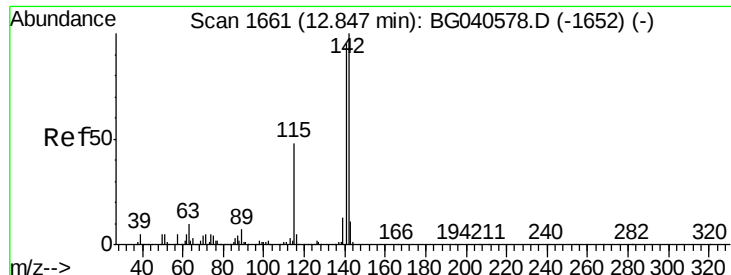
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.3	28.9#
142	0.0	54.6	81.8#



#37
 2-Methylnaphthalene
 Concen: 0.007 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.20 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.4	110.2#
115	0.0	36.2	54.4#





#38

1-Methylnaphthalene

Concen: 0.007 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

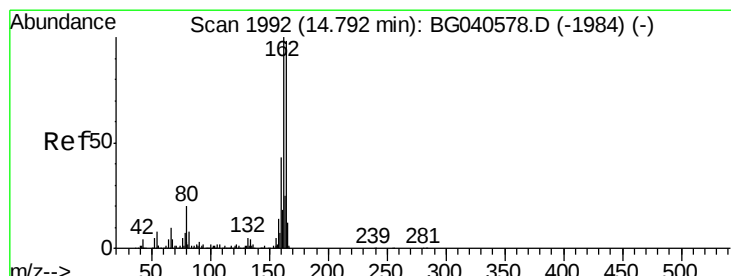
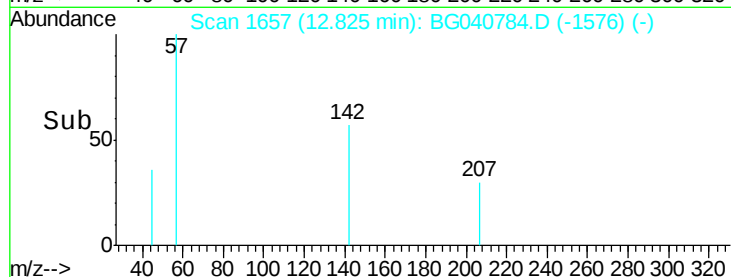
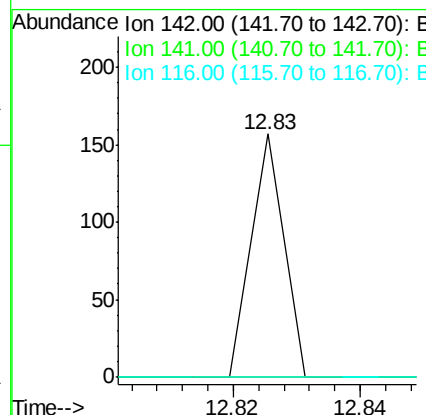
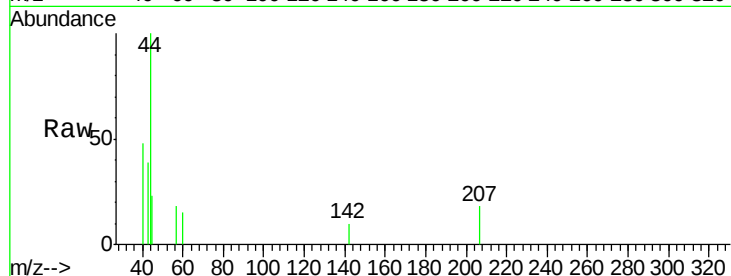
Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

Tgt Ion:	142	Resp:	55
Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.9	113.9#
116	0.0	4.2	6.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

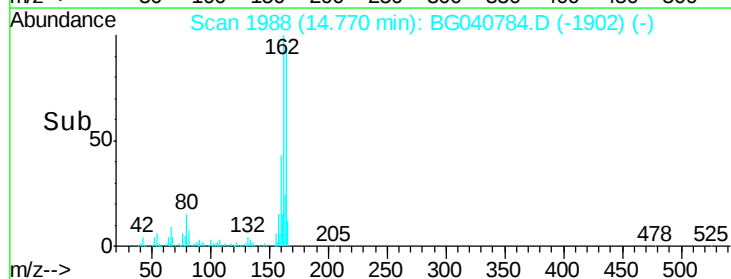
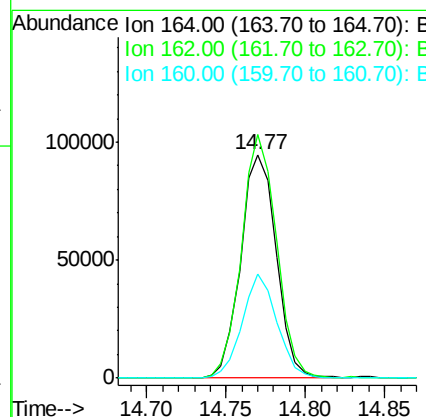
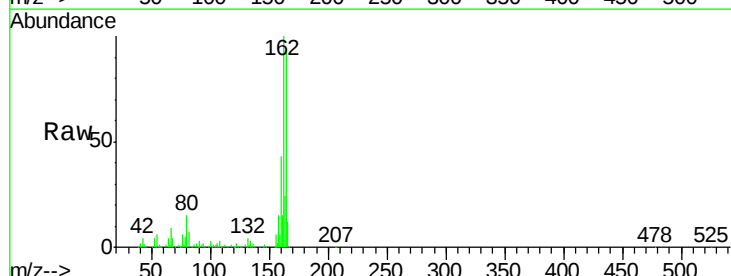
RT: 14.77 min Scan# 1988

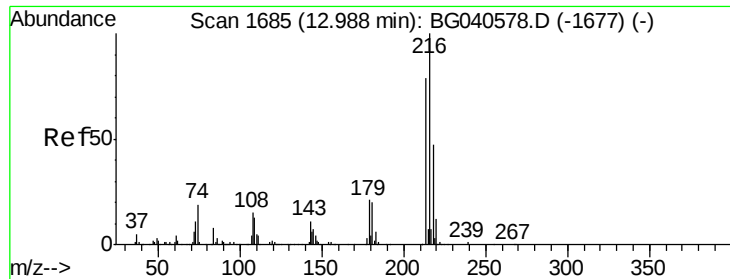
Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Tgt Ion:	164	Resp:	147453
Ion	Ratio	Lower	Upper
164	100		
162	108.9	81.9	122.9
160	46.5	35.4	53.2

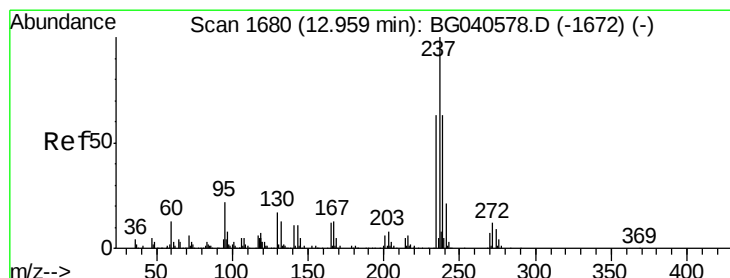
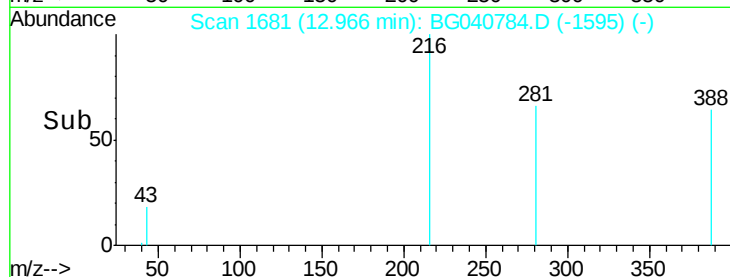
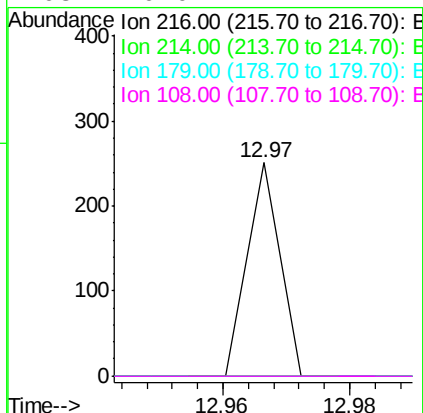
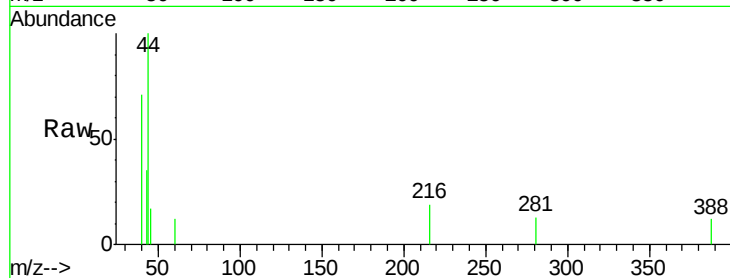




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.016 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.02 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

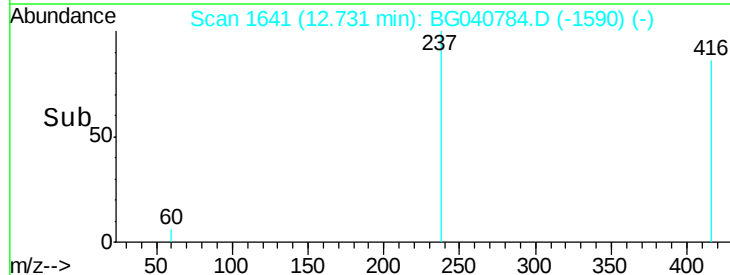
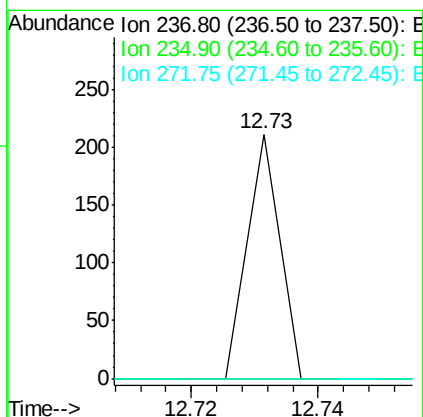
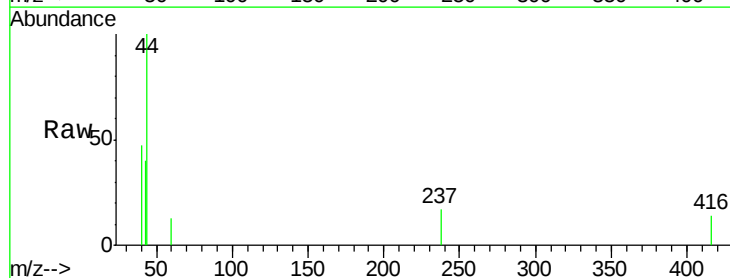
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

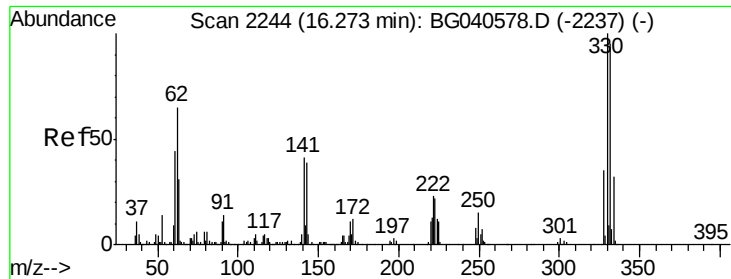
Tgt Ion:	216	Resp:	89
Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.7	95.5#
179	0.0	16.6	24.8#
108	0.0	14.7	22.1#



#41
 Hexachlorocyclopentadiene
 Concen: 0.023 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.23 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion:	237	Resp:	74
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.5	82.5#
272	0.0	0.0	31.6

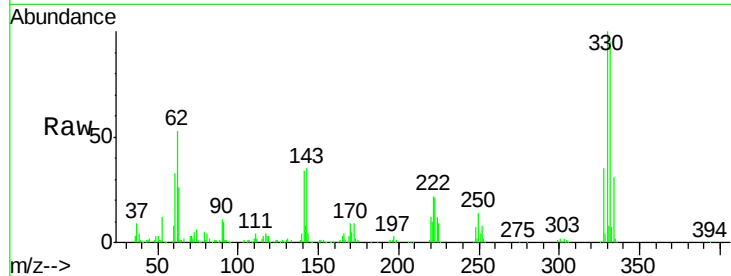




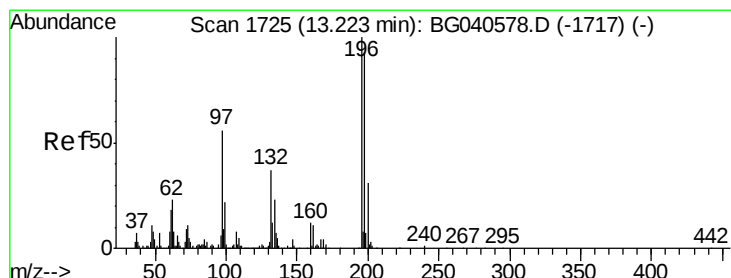
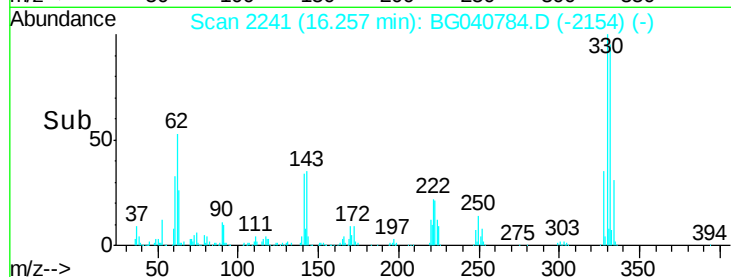
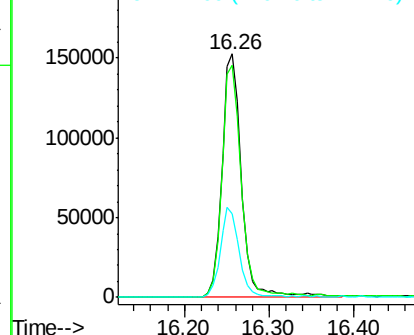
#42
2,4,6-Tribromophenol
Concen: 122.558 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.9	113.9
141	35.9	32.4	48.6

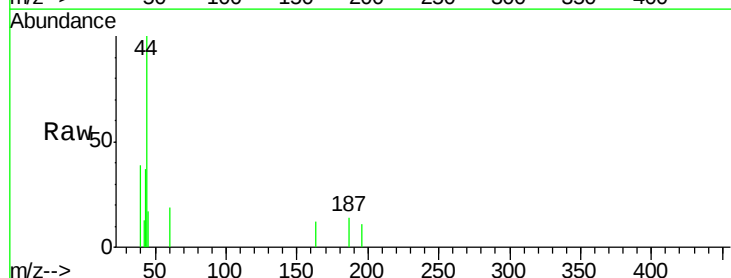


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

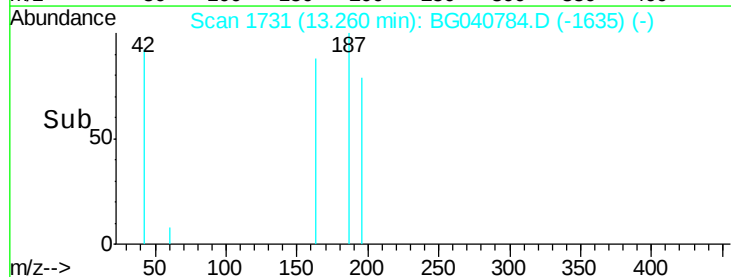
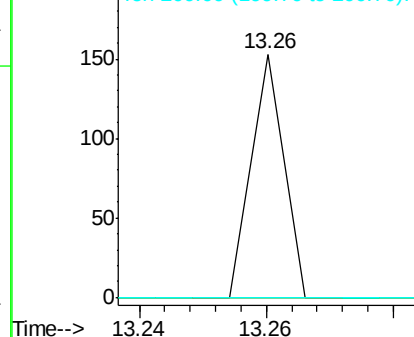


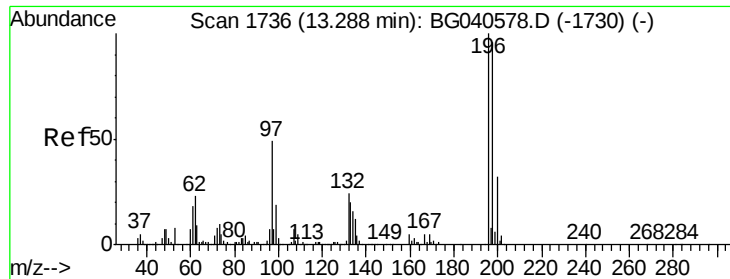
#43
2,4,6-Trichlorophenol
Concen: 0.016 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.04 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.8	112.2#
200	0.0	24.9	37.3#



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

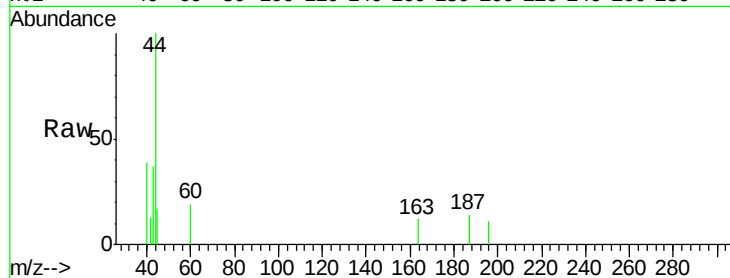




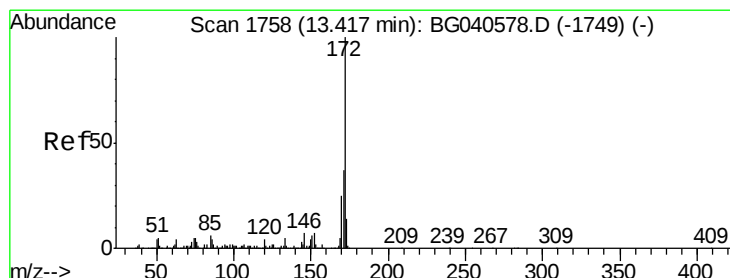
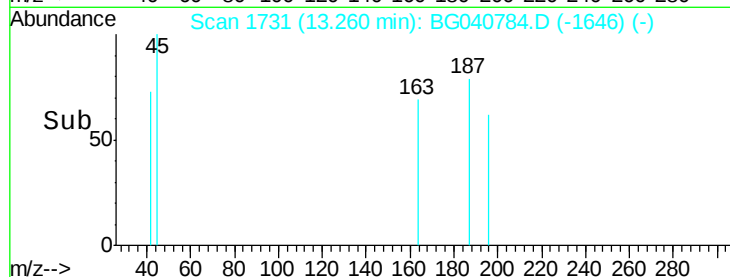
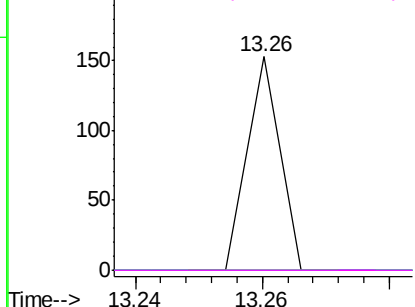
#44
 2,4,5-Trichlorophenol
 Concen: 0.015 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.03 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.0	115.6#
97	0.0	40.0	60.0#
132	0.0	19.2	28.8#

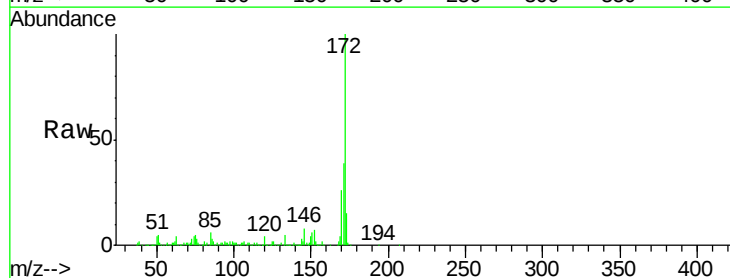


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

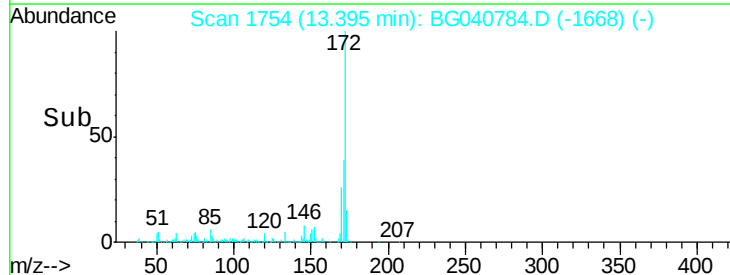
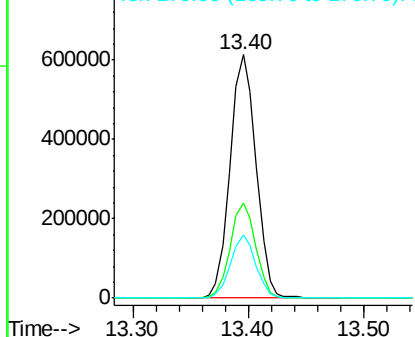


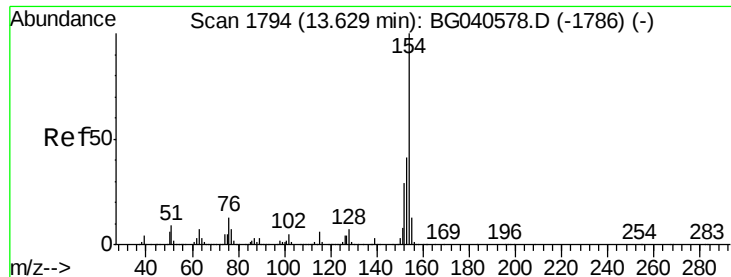
#45
 2-Fluorobiphenyl
 Concen: 93.501 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.4	44.2
170	25.9	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

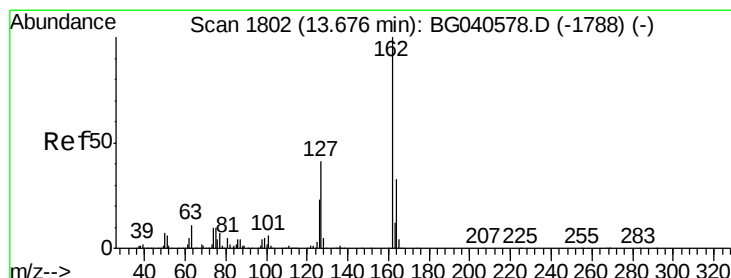
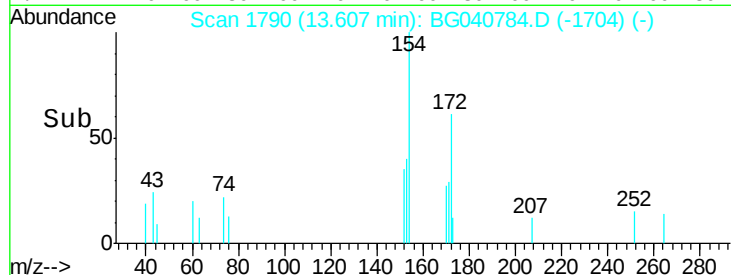
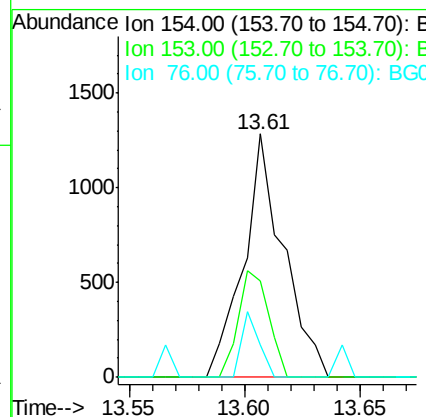
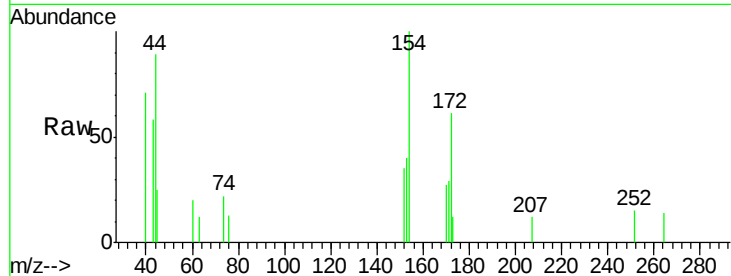




#46
 1,1'-Biphenyl
 Concen: 0.135 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

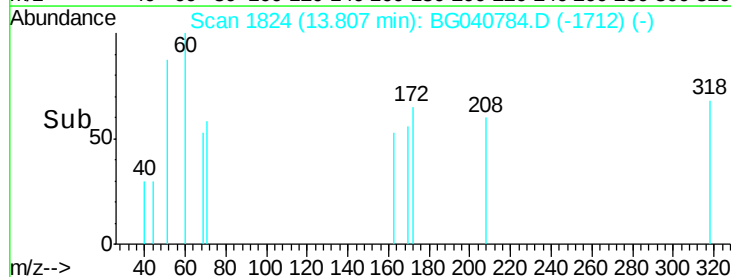
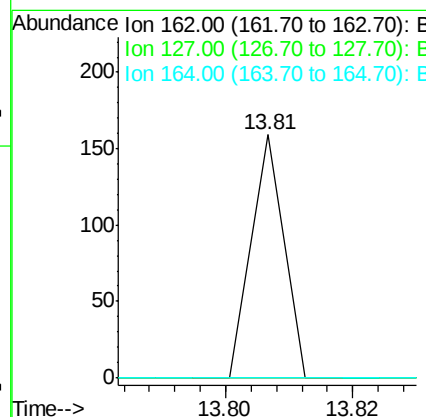
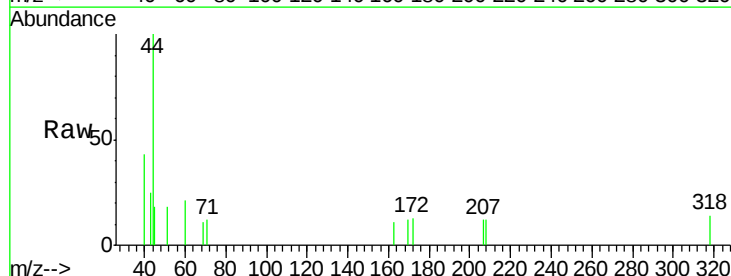
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

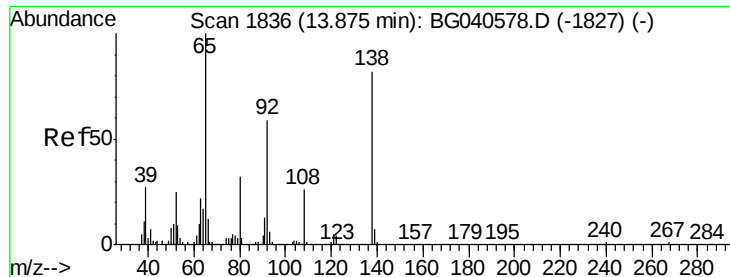
Tgt Ion:	154	Resp:	1545
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.5	60.5
76	13.2	0.0	32.5



#47
 2-Chloronaphthalene
 Concen: 0.006 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. 0.13 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion:	162	Resp:	56
Ion Ratio	Lower	Upper	
162	100		
127	0.0	33.0	49.4#
164	0.0	26.8	40.2#





#48

2-Nitroaniline

Concen: 0.673 ng

RT: 13.40 min Scan# 1754

Delta R.T. -0.48 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

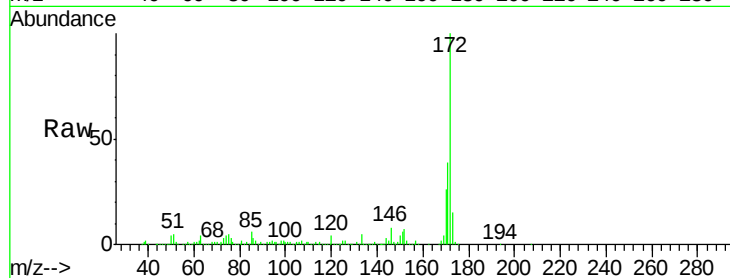
Tgt Ion: 65 Resp: 2146

Ion Ratio Lower Upper

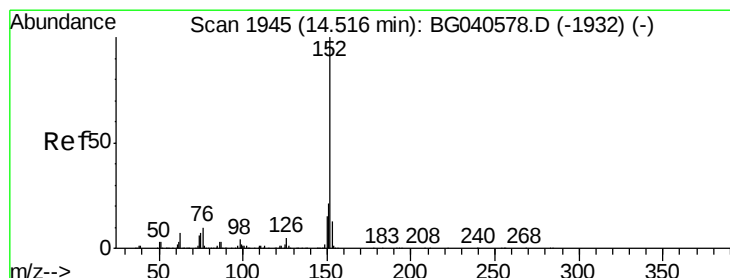
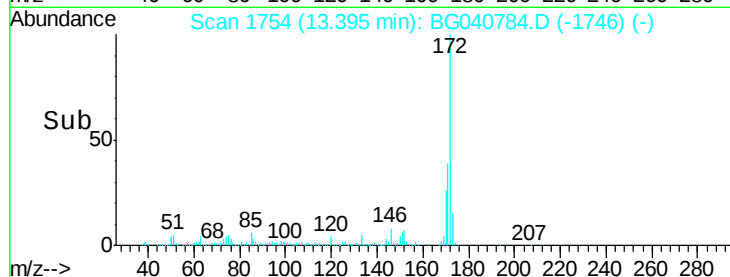
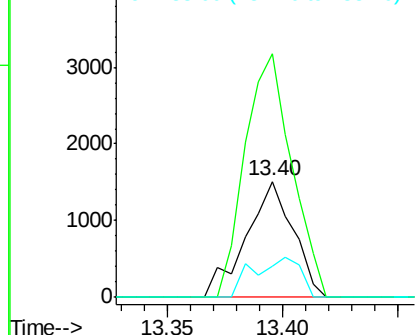
65 100

92 209.8 47.4 71.0#

138 27.0 66.1 99.1#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Acenaphthylene

Concen: 0.007 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

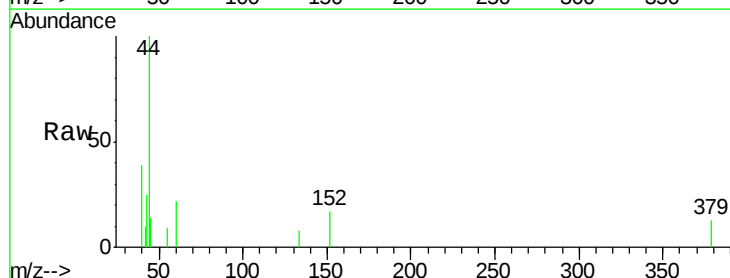
Tgt Ion: 152 Resp: 114

Ion Ratio Lower Upper

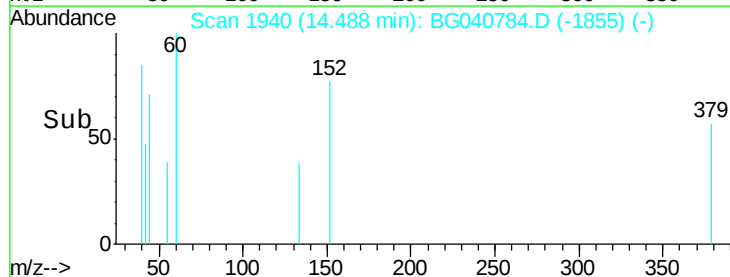
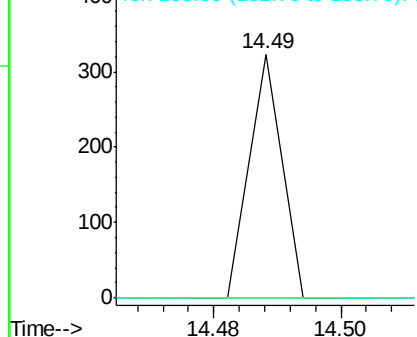
152 100

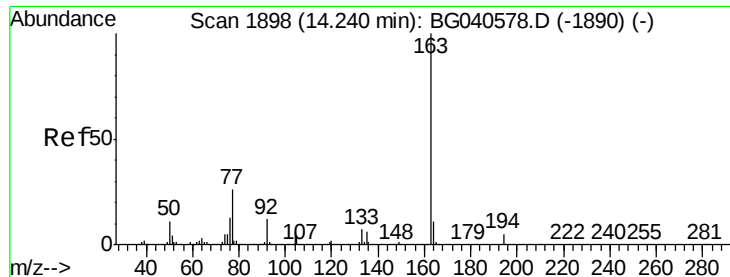
151 0.0 17.2 25.8#

153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 0.005 ng

RT: 14.21 min Scan# 1892

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

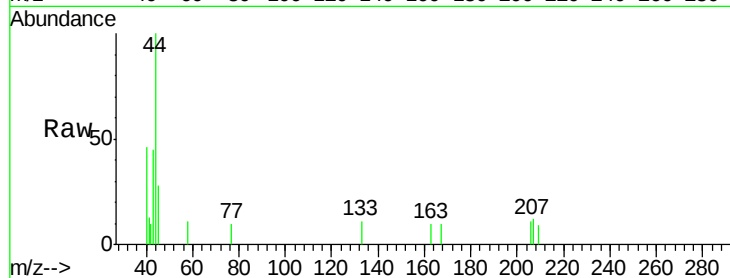
Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

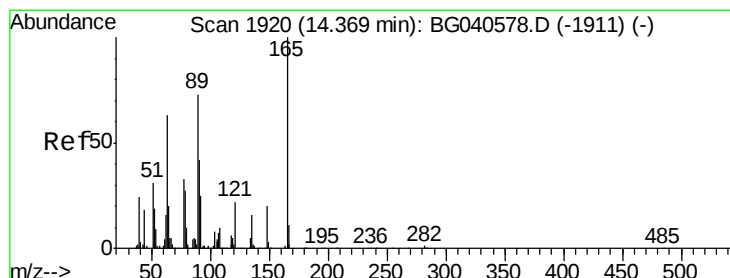
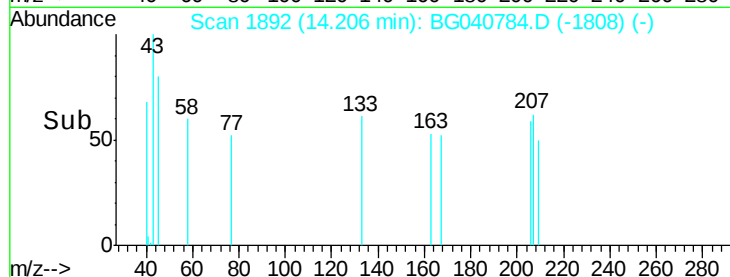
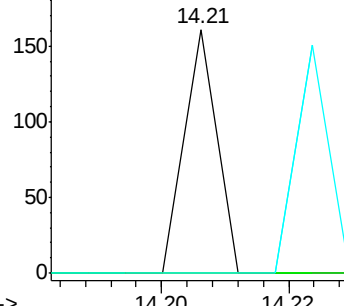
Tgt Ion:	163	Resp:	57
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.8	5.8#
164	0.0	8.8	13.2#



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: 8.018 ng

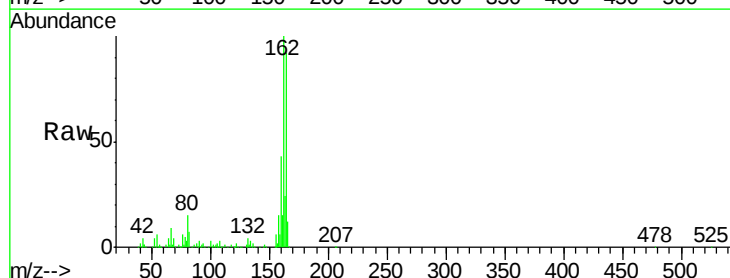
RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

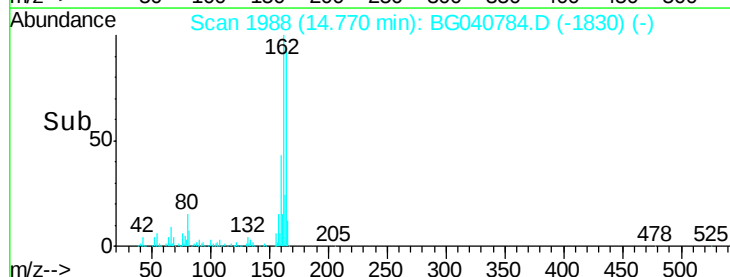
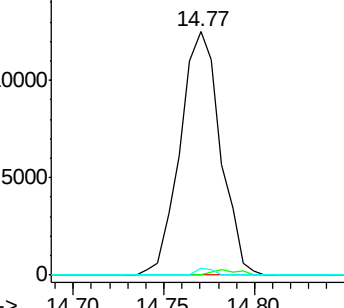
Tgt Ion:	165	Resp:	19306
Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	2.5	58.6	87.8#

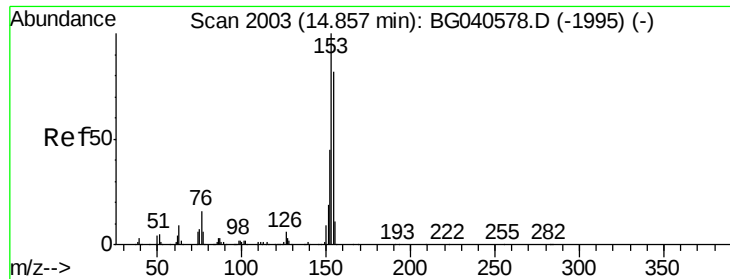


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.006 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

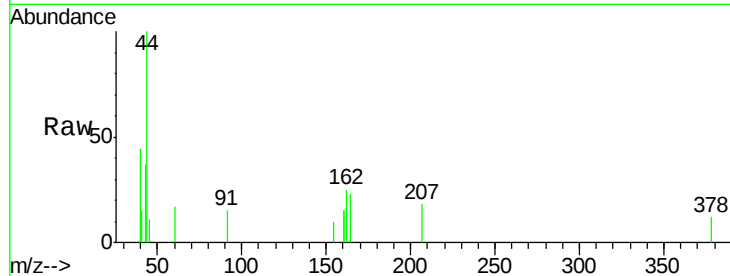
Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

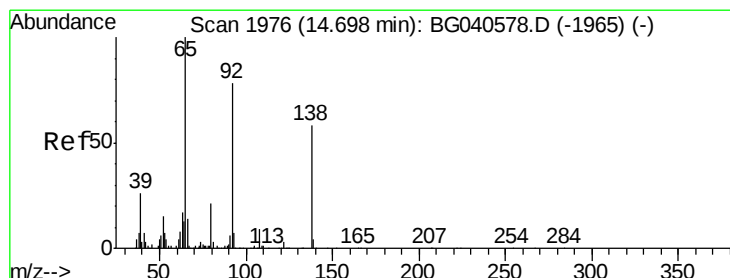
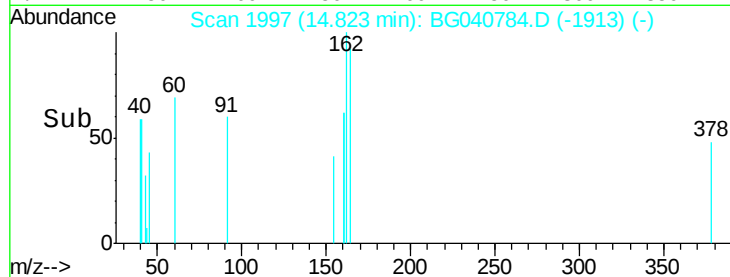
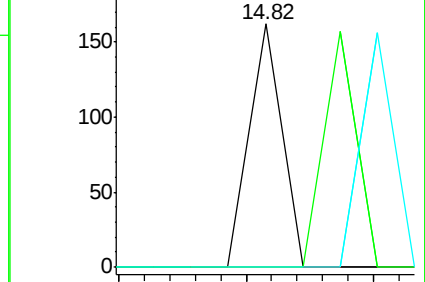
Tgt Ion:	154	Resp:	57
Ion	Ratio	Lower	Upper
154	100		
153	0.0	97.0	145.6#
152	0.0	44.1	66.1#



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: 0.026 ng

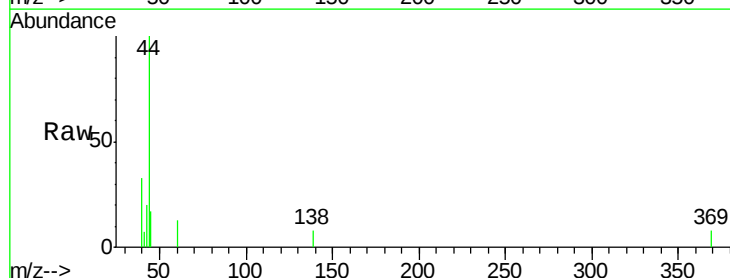
RT: 14.72 min Scan# 1980

Delta R.T. 0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

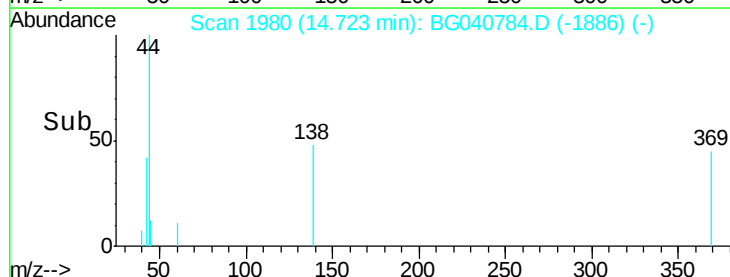
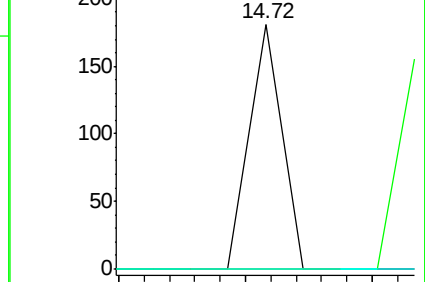
Tgt Ion:	138	Resp:	64
Ion	Ratio	Lower	Upper
138	100		
108	0.0	12.4	18.6#
92	0.0	108.6	162.8#

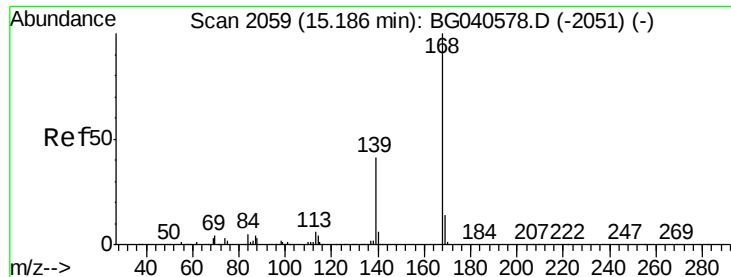


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#55

Dibenzofuran

Concen: 0.020 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

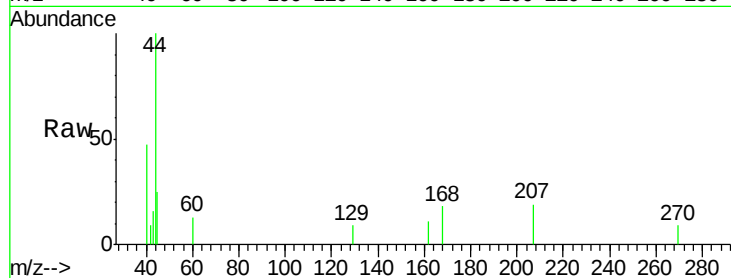
Tgt Ion:168 Resp: 284

Ion Ratio Lower Upper

168 100

139 0.0 33.0 49.4#

169 0.0 11.0 16.4#



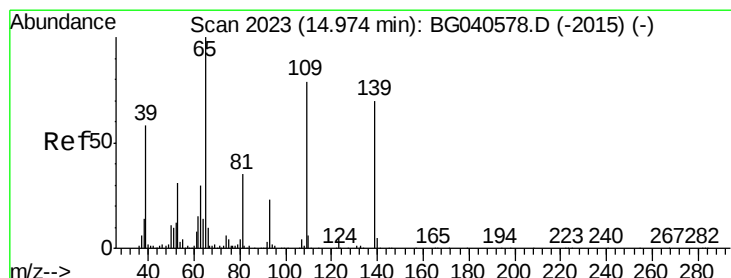
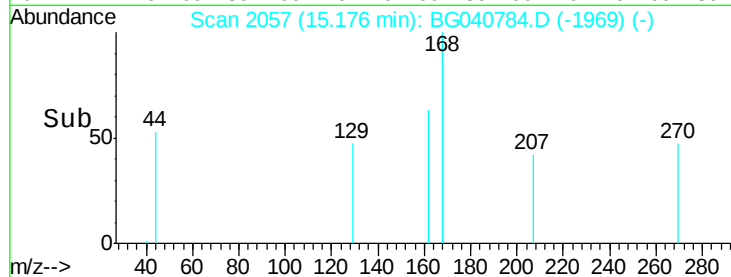
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

15.18

Time-->



#56

4-Nitrophenol

Concen: 0.025 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

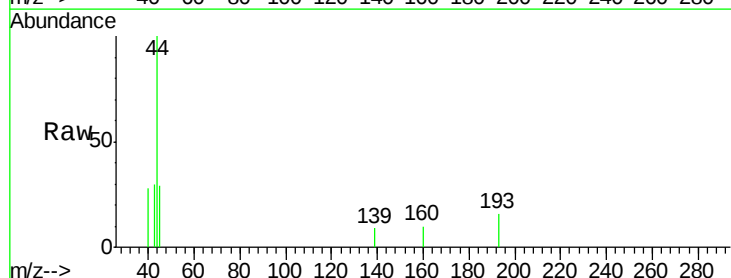
Tgt Ion:139 Resp: 53

Ion Ratio Lower Upper

139 100

109 0.0 93.8 133.8#

65 0.0 122.7 162.7#



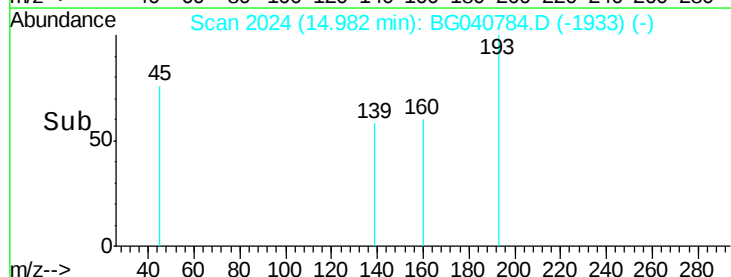
Abundance Ion 139.00 (138.70 to 139.70): E

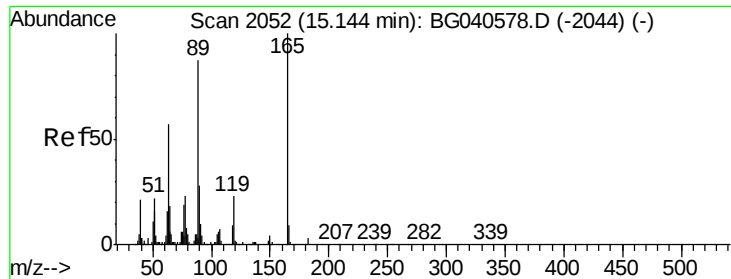
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

14.98

Time-->





#57

2,4-Dinitrotoluene

Concen: 5.901 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.37 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

Tgt Ion:165 Resp: 19306

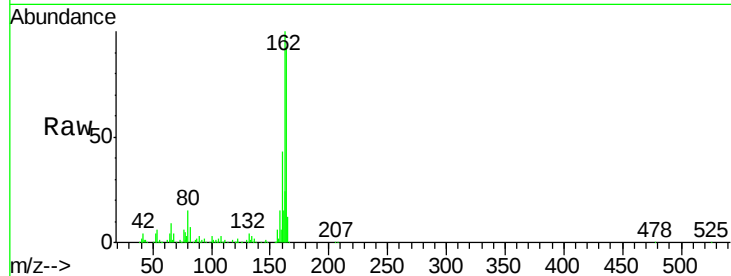
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.8#

89 2.5 69.4 104.2#

182 0.0 2.2 3.4#

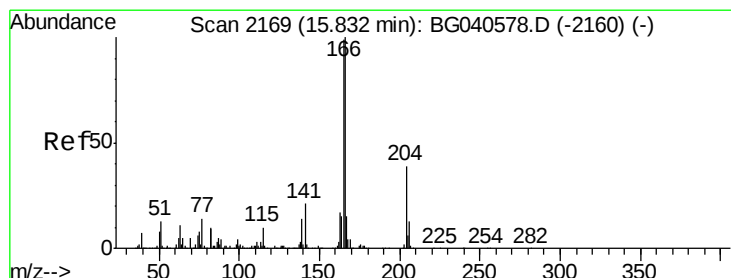
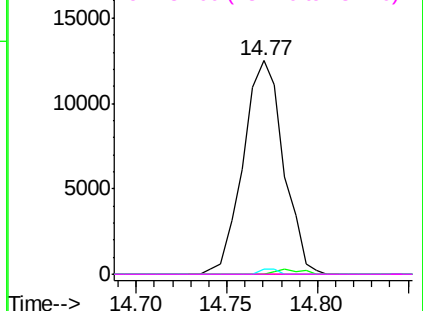
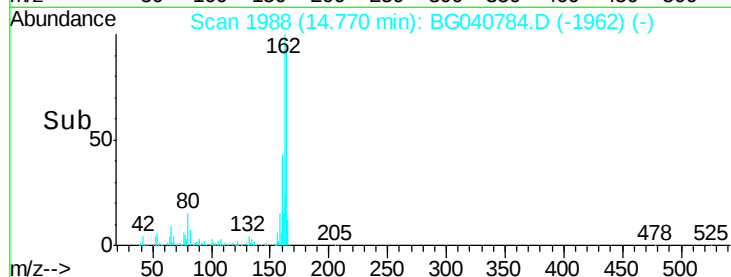


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 0.642 ng

RT: 16.26 min Scan# 2241

Delta R.T. 0.42 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

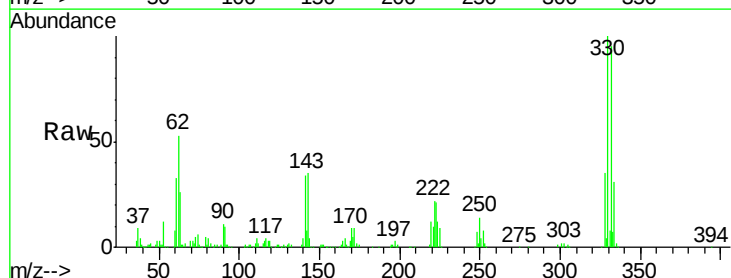
Tgt Ion:166 Resp: 7527

Ion Ratio Lower Upper

166 100

165 83.4 79.6 119.4

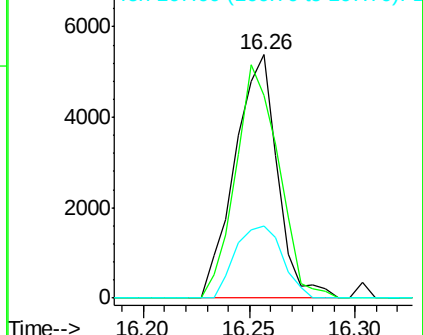
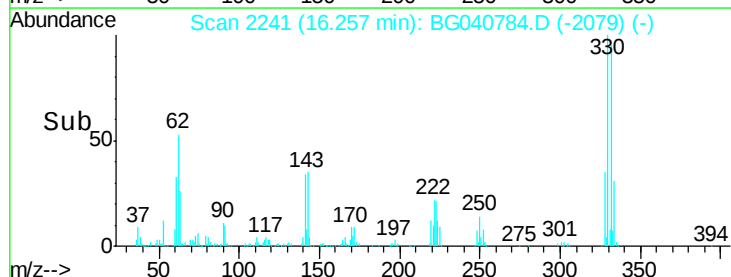
167 29.6 12.2 18.2#

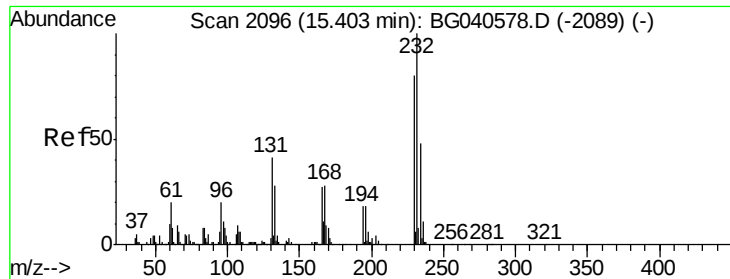


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

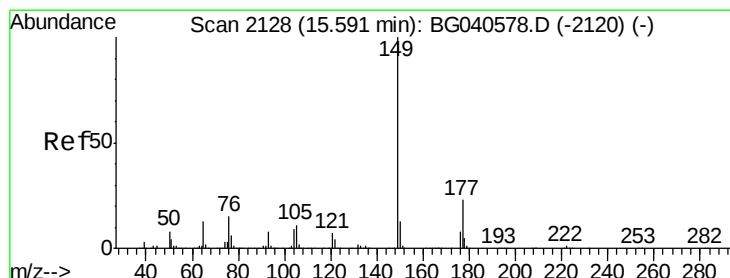
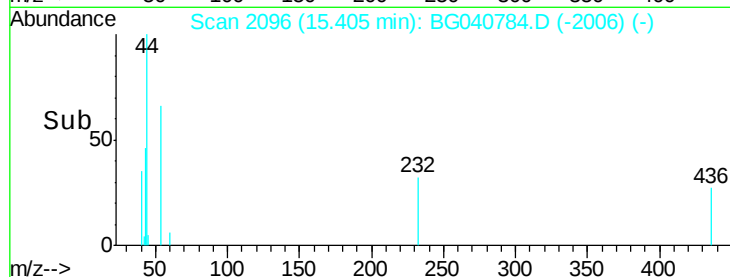
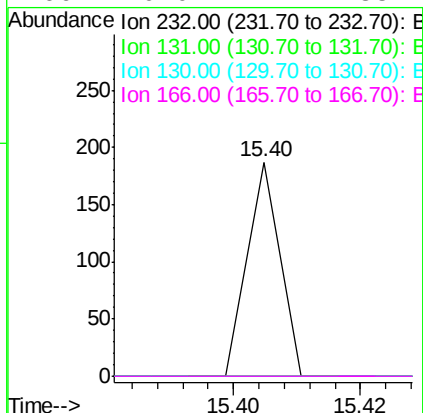
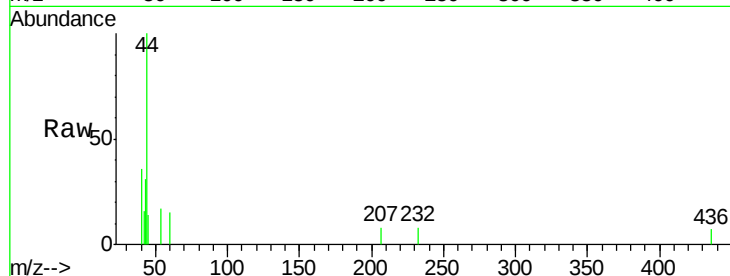




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.018 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

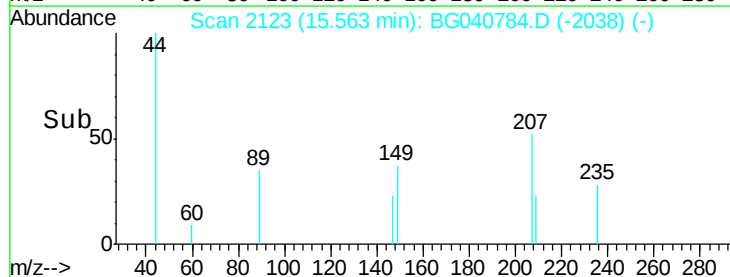
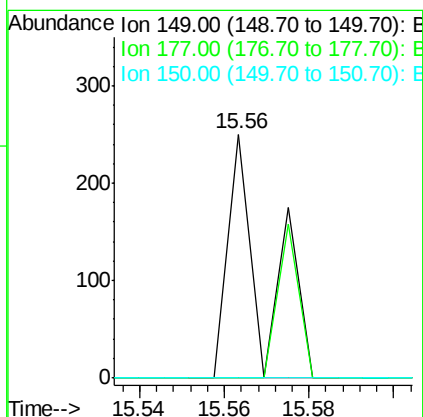
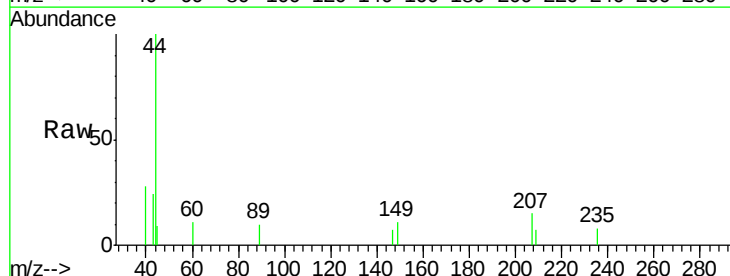
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

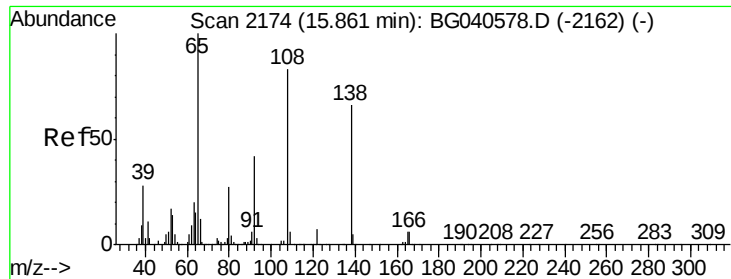
Tgt Ion: 232 Resp: 66
 Ion Ratio Lower Upper
 232 100
 131 0.0 33.0 49.4#
 130 0.0 2.0 3.0#
 166 0.0 22.1 33.1#



#60
 Diethylphthalate
 Concen: 0.012 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion: 149 Resp: 150
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.5 27.7#
 150 0.0 10.2 15.4#

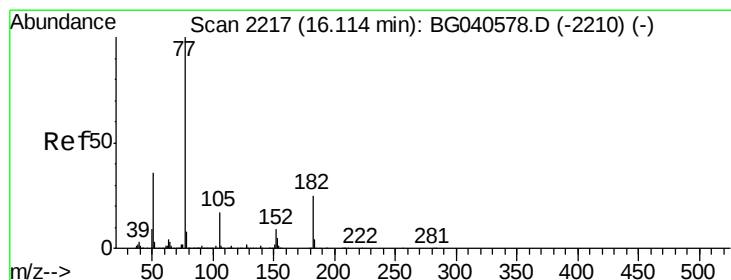
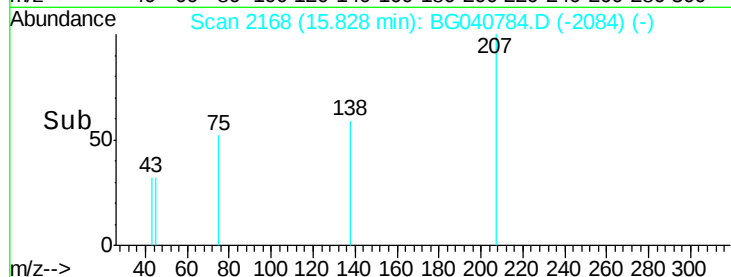
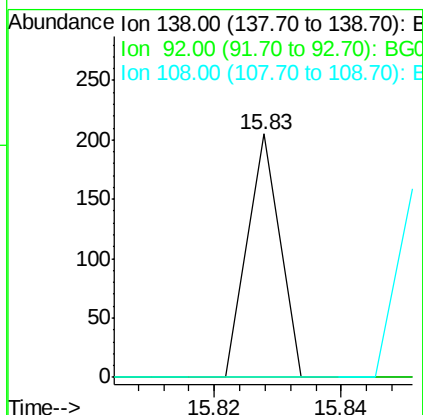
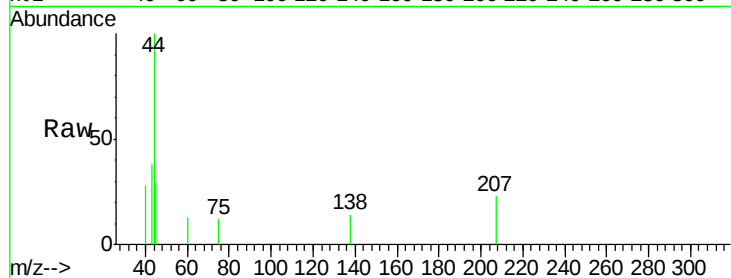




#62
4-Nitroaniline
Concen: 0.026 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

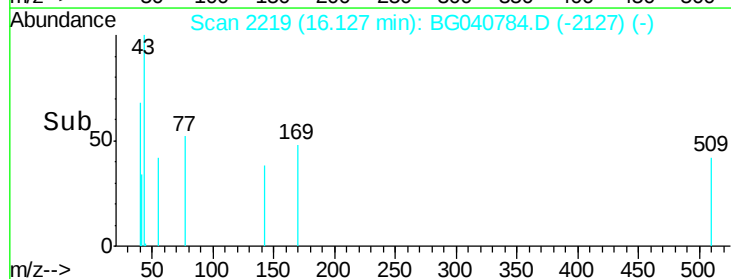
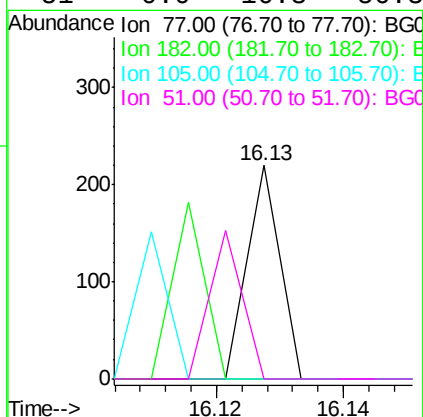
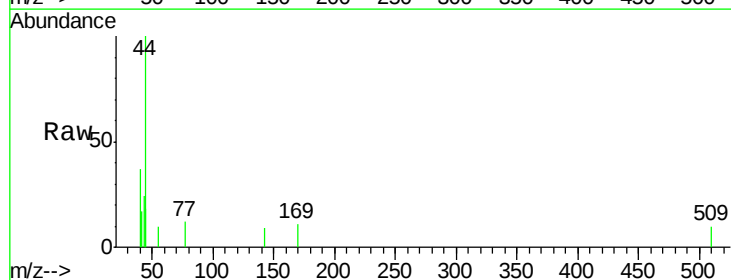
Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

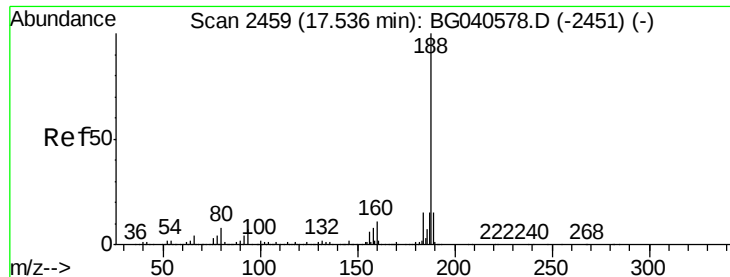
Tgt Ion: 138 Resp: 72
Ion Ratio Lower Upper
138 100
92 0.0 43.9 83.9#
108 0.0 106.5 146.5#



#63
Azobenzene
Concen: 0.006 ng
RT: 16.13 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion: 77 Resp: 78
Ion Ratio Lower Upper
77 100
182 0.0 5.0 45.0#
105 0.0 0.0 37.6
51 0.0 16.3 56.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

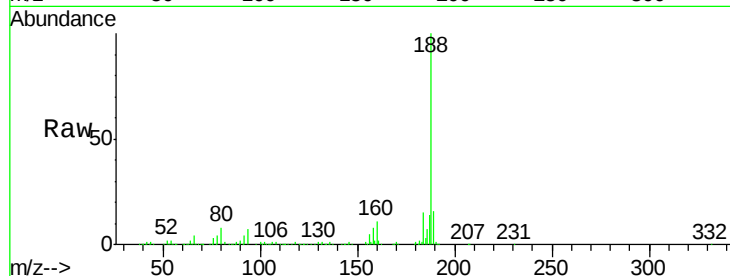
Tgt Ion:188 Resp: 386847

Ion Ratio Lower Upper

188 100

94 7.1 5.6 8.4

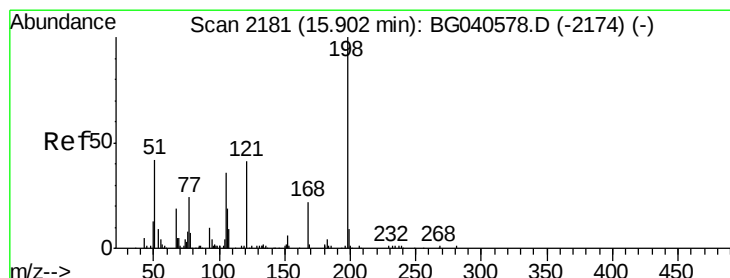
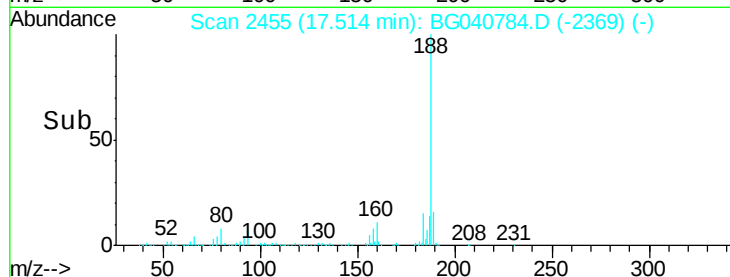
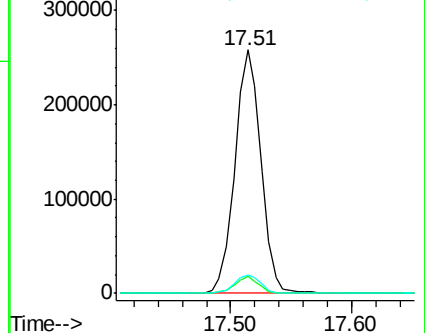
80 7.6 6.4 9.6



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: 7.135 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.06 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

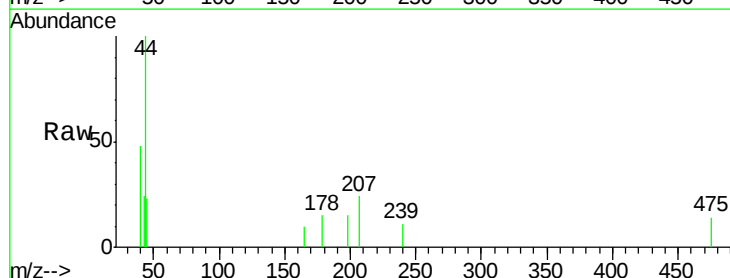
Tgt Ion:198 Resp: 75

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

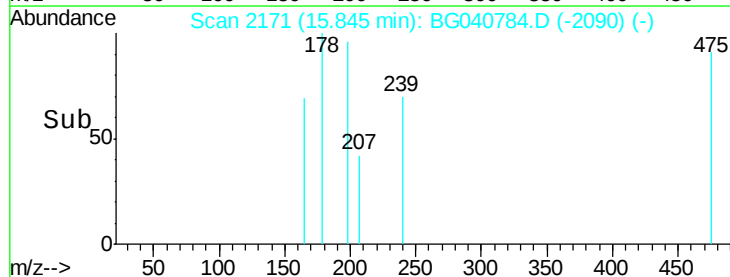
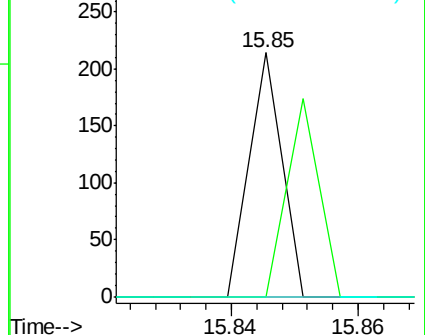
105 0.0 21.2 61.2#

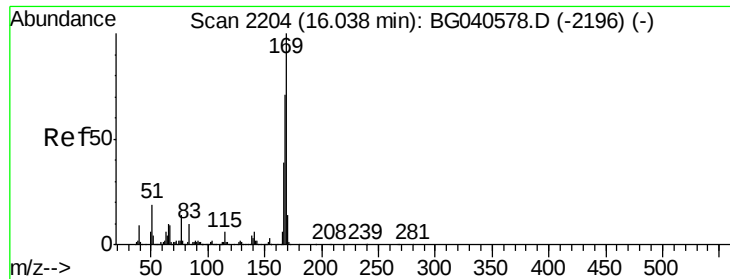


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

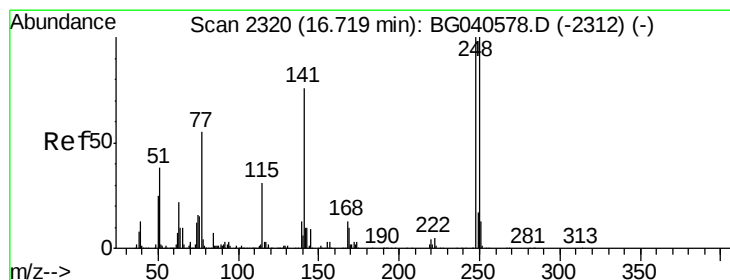
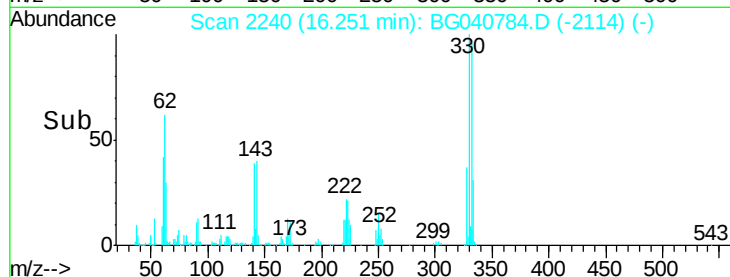
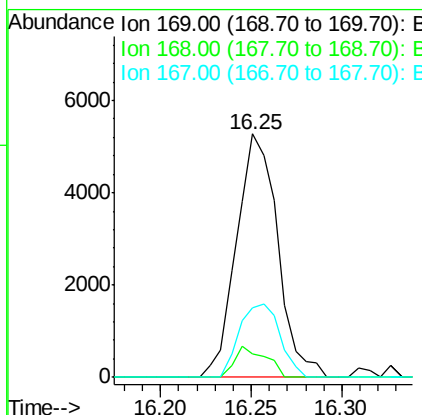
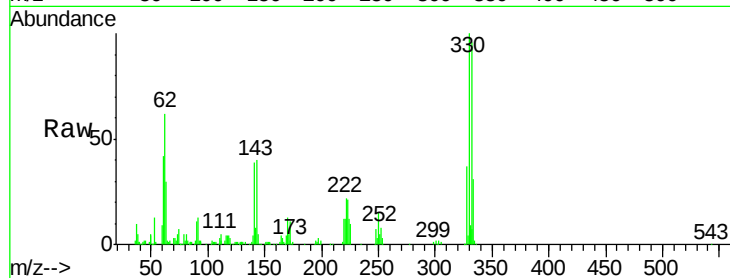




#66
 n-Nitrosodiphenylamine
 Concen: 0.733 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. 0.21 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

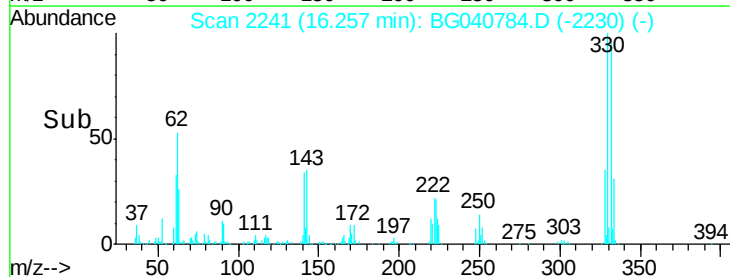
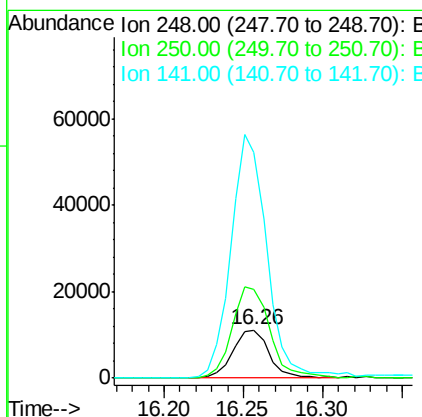
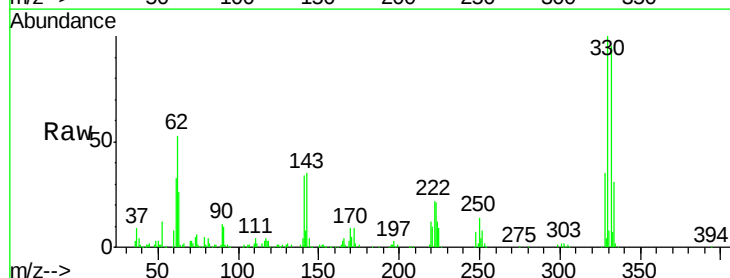
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

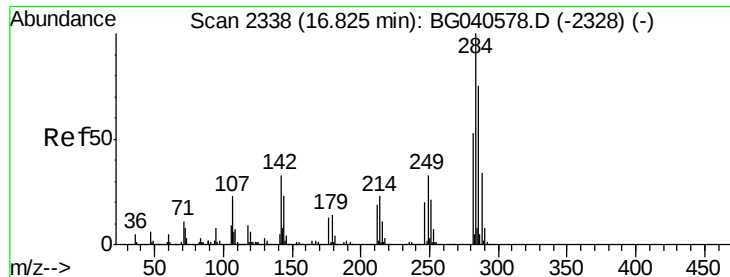
Tgt Ion:169 Resp: 8345
 Ion Ratio Lower Upper
 169 100
 168 9.7 56.8 85.2#
 167 28.6 31.4 47.0#



#67
 4-Bromophenyl-phenylether
 Concen: 3.636 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion:248 Resp: 17524
 Ion Ratio Lower Upper
 248 100
 250 186.8 79.8 119.6#
 141 471.6 60.8 91.2#





#68

Hexachlorobenzene

Concen: 0.012 ng

RT: 16.80 min Scan# 2334

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

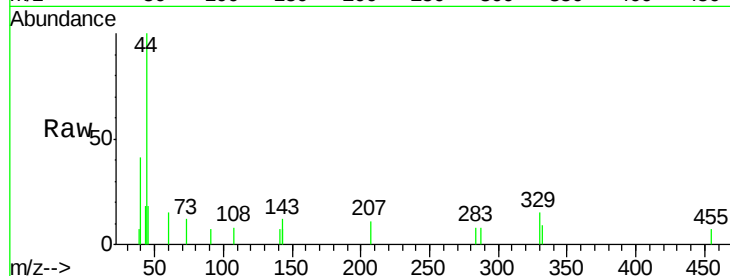
Tgt Ion:284 Resp: 62

Ion Ratio Lower Upper

284 100

142 93.8 26.6 40.0#

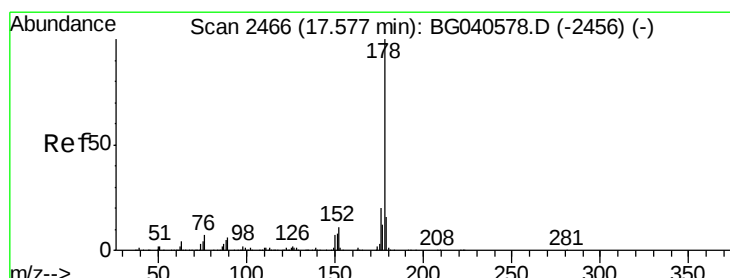
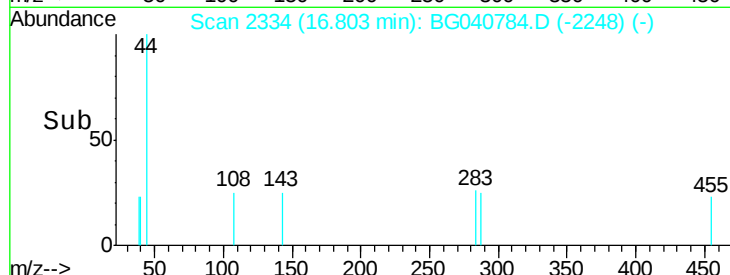
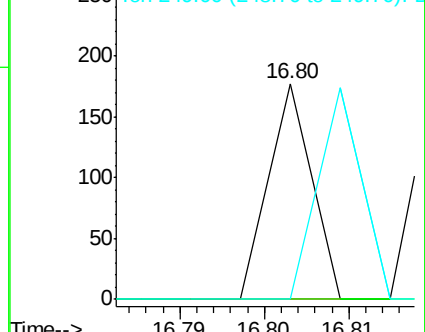
249 0.0 26.0 39.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#71

Phenanthrene

Concen: 0.047 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

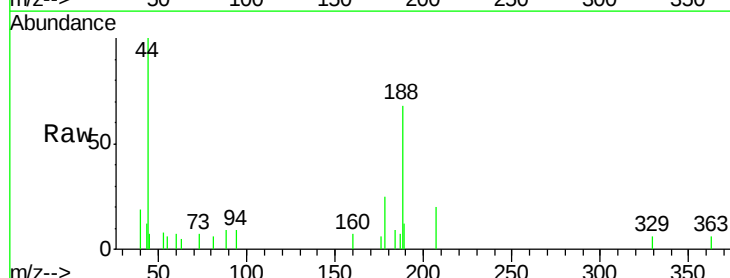
Tgt Ion:178 Resp: 988

Ion Ratio Lower Upper

178 100

176 24.5 15.8 23.6#

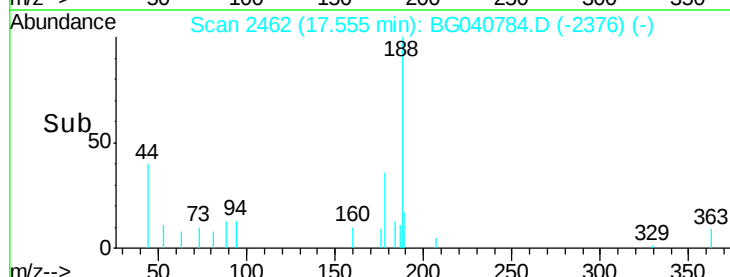
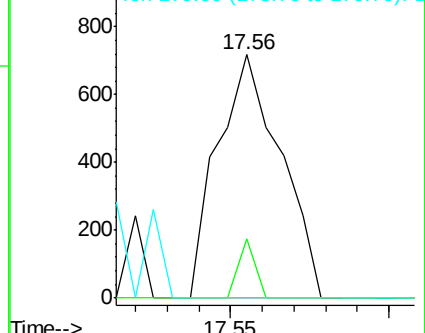
179 0.0 12.6 18.8#

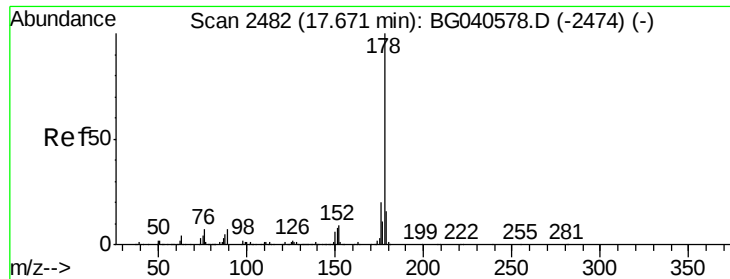


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.047 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.12 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

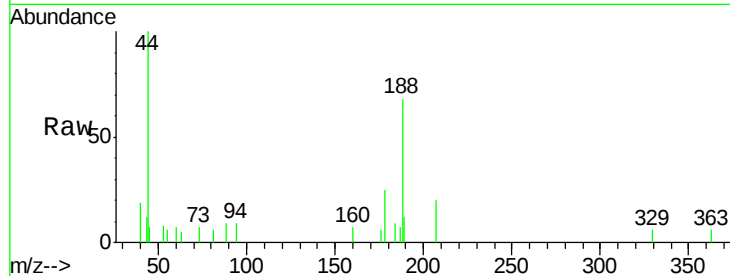
Tgt Ion:178 Resp: 988

Ion Ratio Lower Upper

178 100

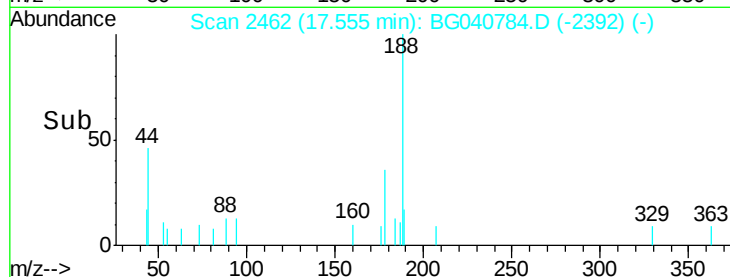
176 24.5 15.6 23.4#

179 0.0 12.9 19.3#

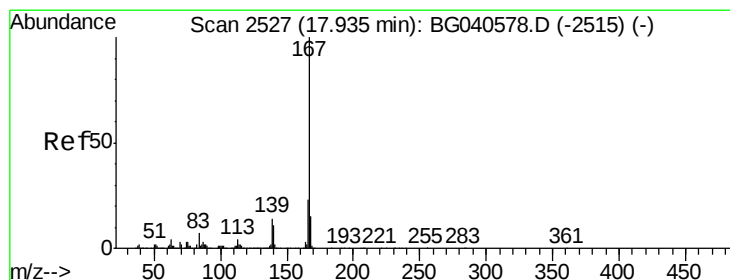


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

17.56



Time-->



#73

Carbazole

Concen: 0.005 ng

RT: 17.93 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

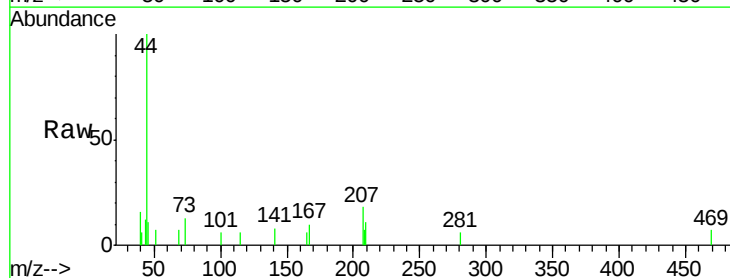
Tgt Ion:167 Resp: 97

Ion Ratio Lower Upper

167 100

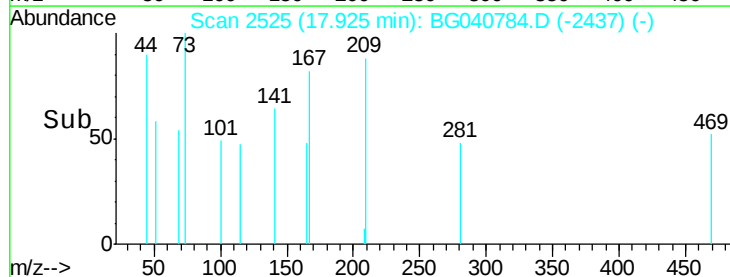
166 0.0 18.2 27.4#

139 0.0 11.4 17.0#

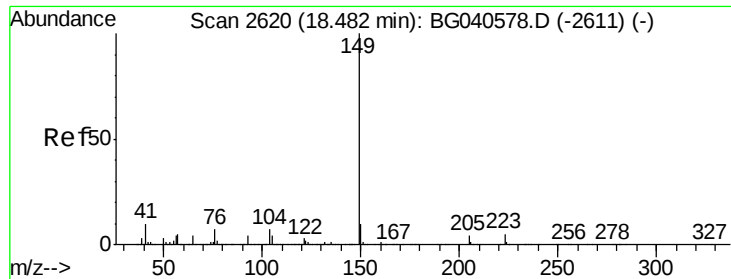


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

17.93



Time-->



#74

Di-n-butylphthalate

Concen: 0.048 ng

RT: 18.45 min Scan# 2615

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

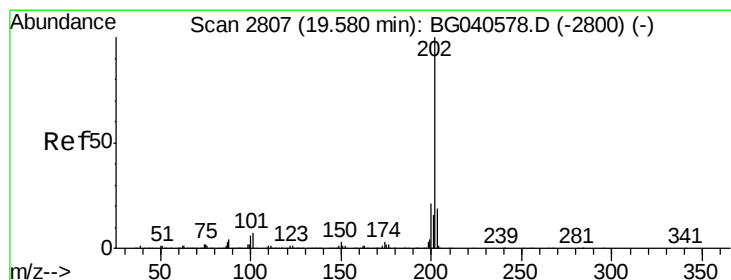
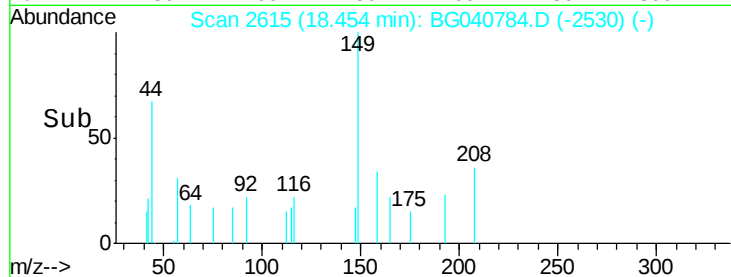
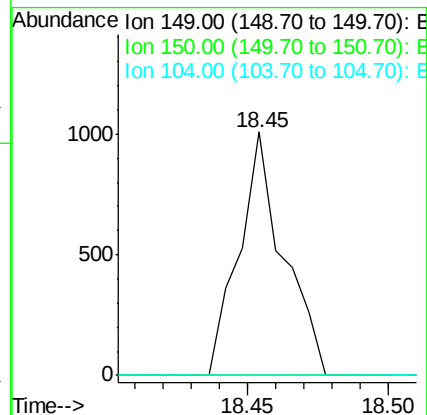
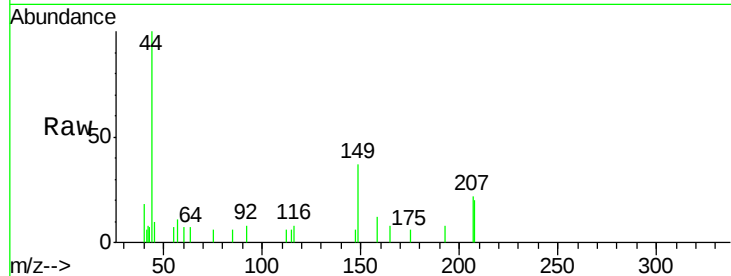
Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

Tgt Ion:	149	Resp:	1103
Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	5.4	8.2#



#75

Fluoranthene

Concen: 0.012 ng

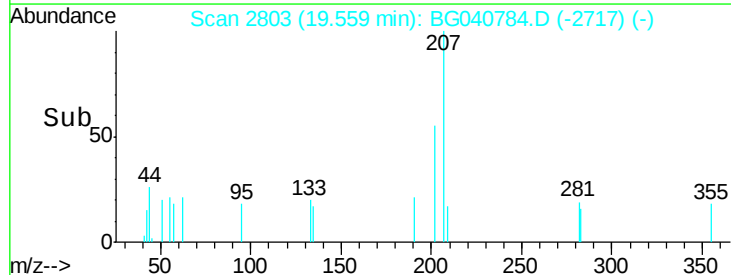
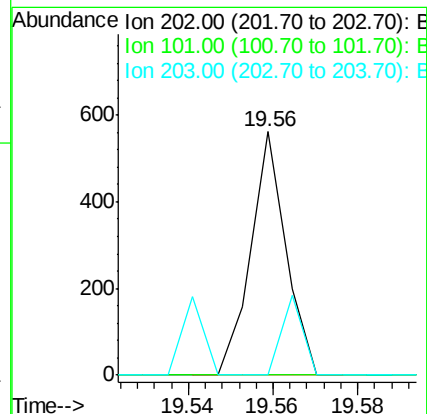
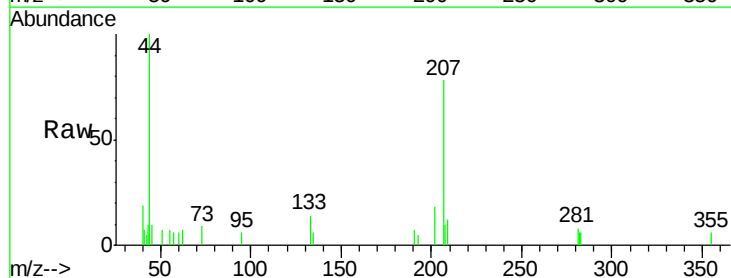
RT: 19.56 min Scan# 2803

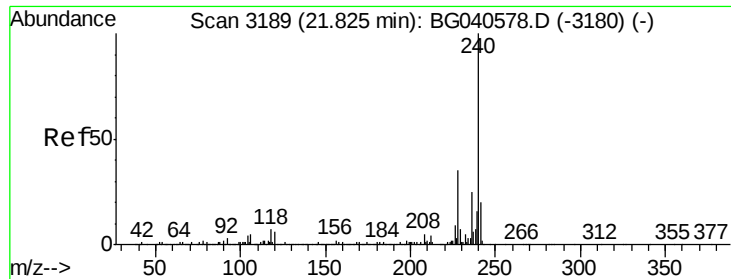
Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Tgt Ion:	202	Resp:	324
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.5
203	0.0	0.0	39.3

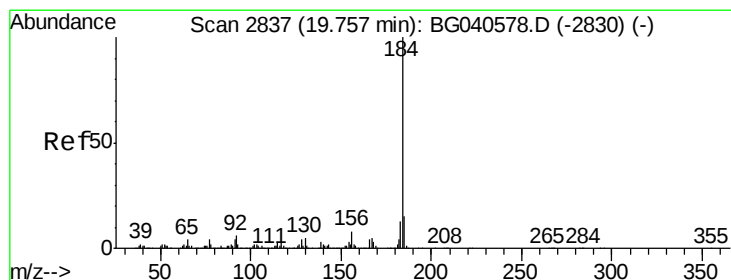
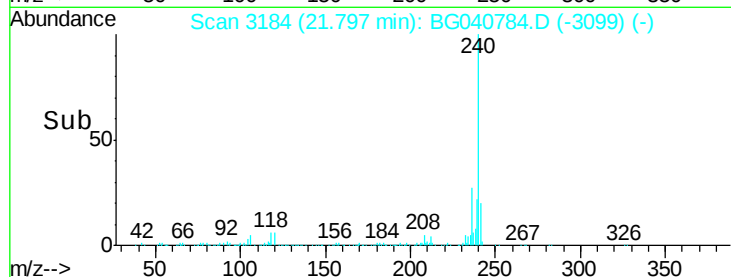
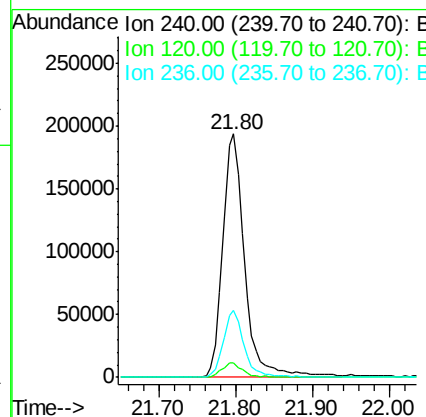
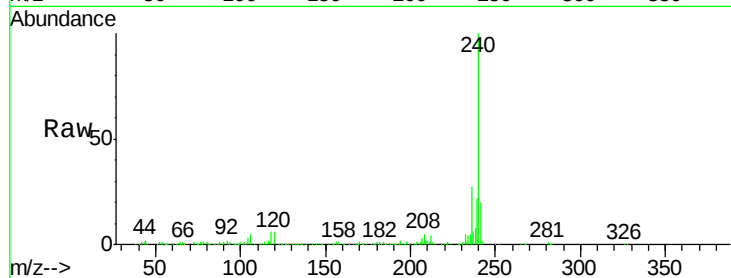




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

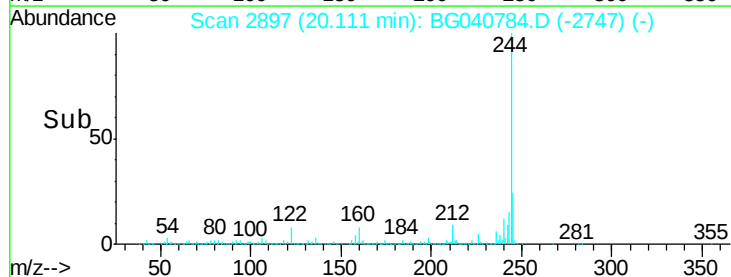
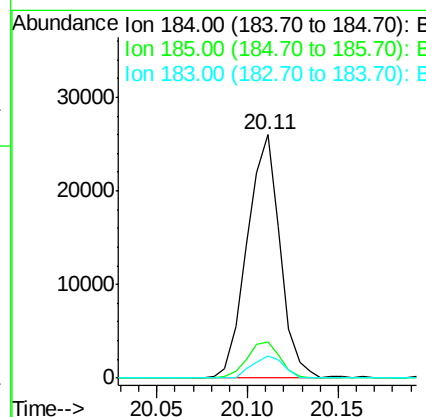
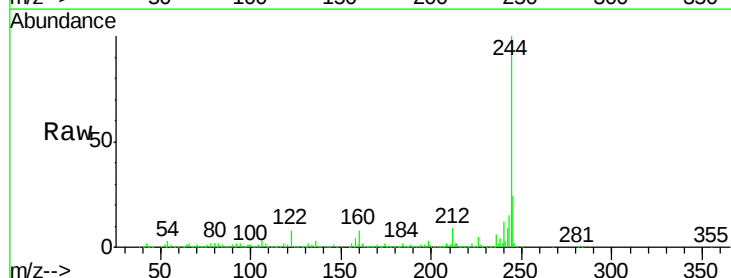
Instrument :
BNA_G
ClientSampleId :
NB-08-050319-B

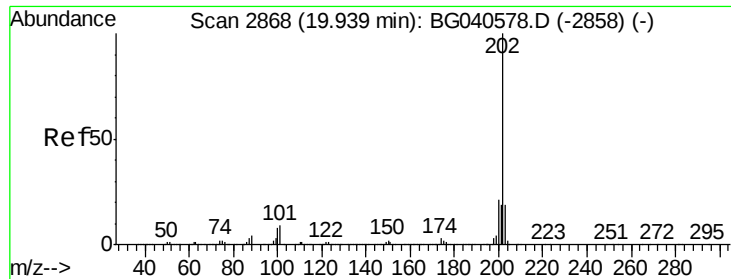
Tgt Ion: 240 Resp: 382943
Ion Ratio Lower Upper
240 100
120 5.8 5.0 7.6
236 27.4 20.3 30.5



#77
Benzidine
Concen: 3.127 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040784.D
Acq: 8 May 2019 2:09

Tgt Ion: 184 Resp: 32784
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 9.2 10.2 15.2#





#78

Pyrene

Concen: 0.014 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

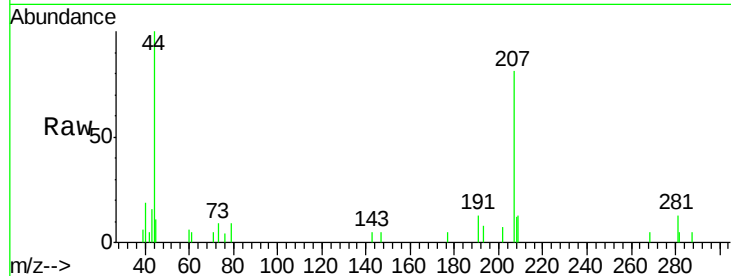
Tgt Ion: 202 Resp: 334

Ion Ratio Lower Upper

202 100

200 0.0 17.2 25.8#

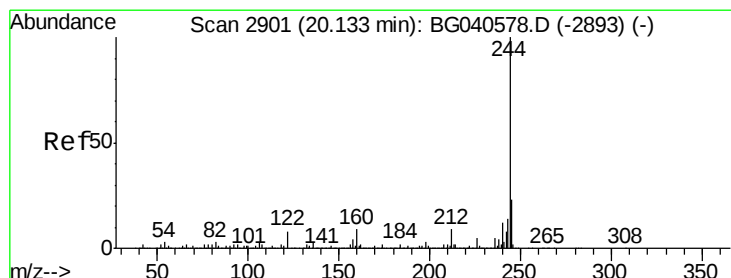
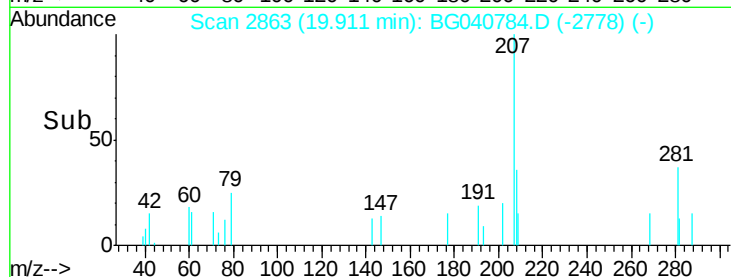
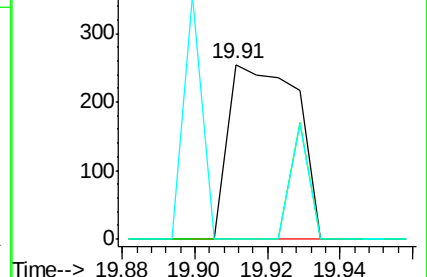
203 0.0 15.0 22.4#



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: 105.319 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

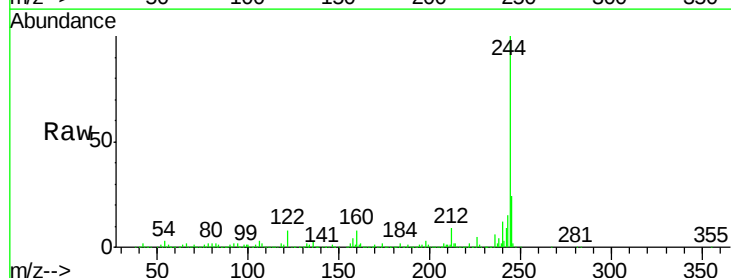
Tgt Ion: 244 Resp: 1820473

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

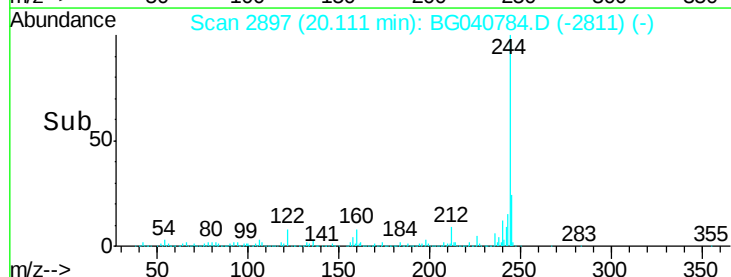
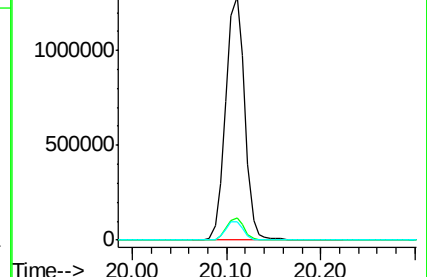
122 7.7 6.6 10.0

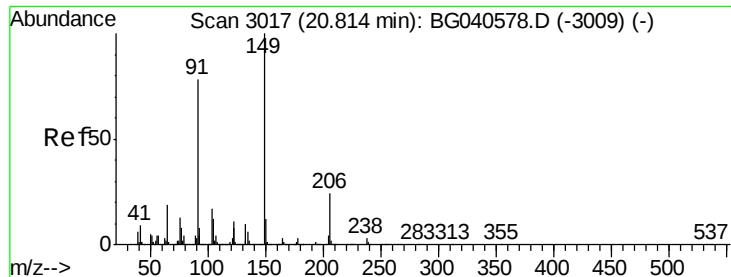


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.006 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.05 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

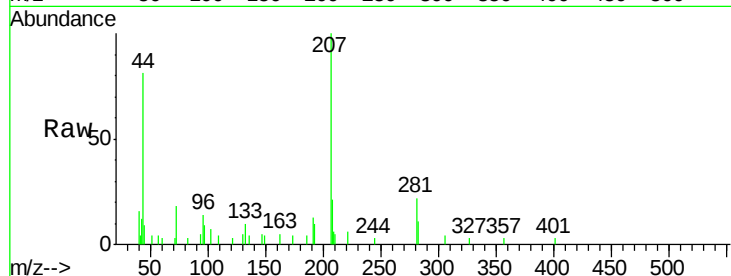
Tgt Ion:149 Resp: 57

Ion Ratio Lower Upper

149 100

91 0.0 62.6 93.8#

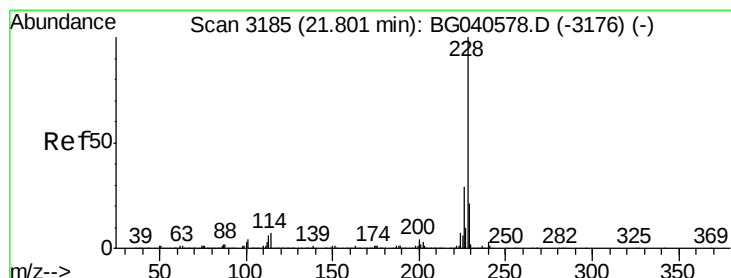
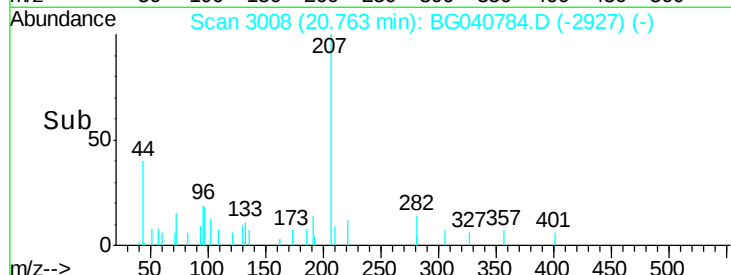
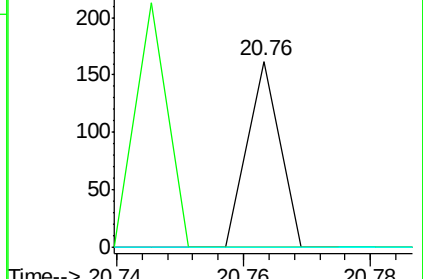
206 0.0 19.4 29.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.063 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

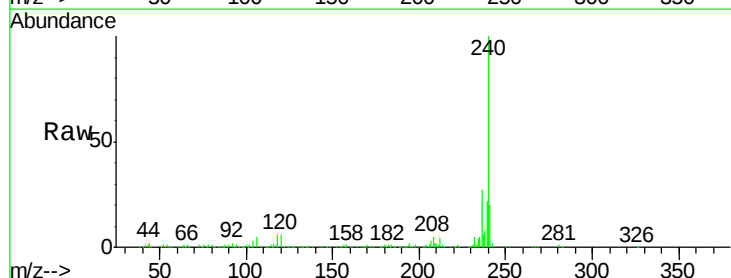
Tgt Ion:228 Resp: 1518

Ion Ratio Lower Upper

228 100

226 0.0 23.1 34.7#

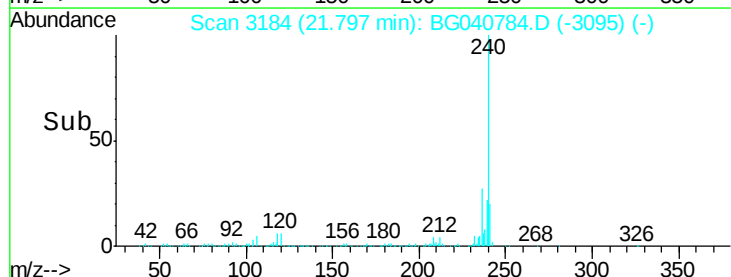
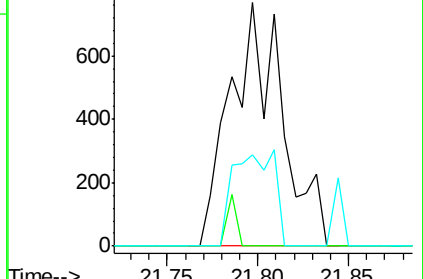
229 37.5 17.0 25.4#

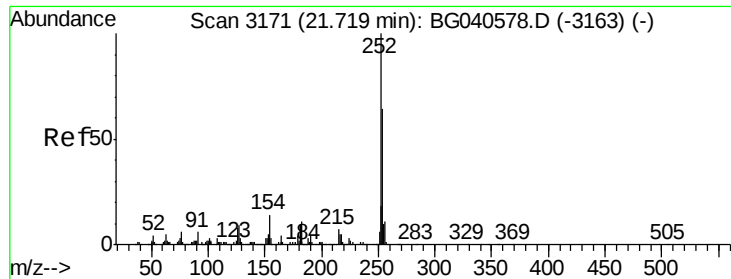


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

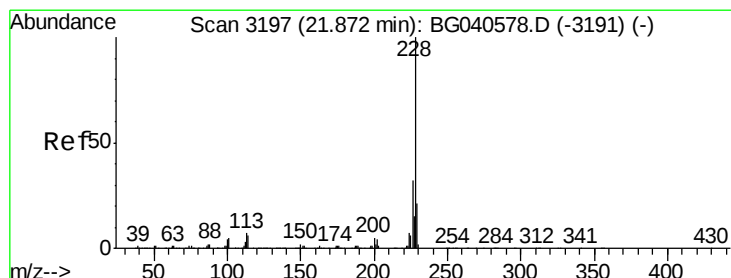
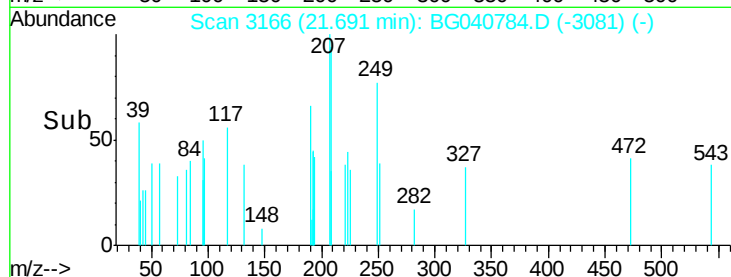
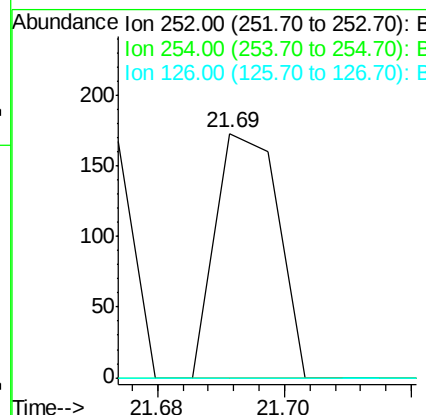
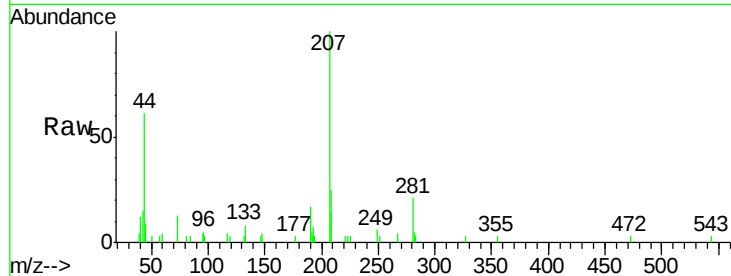




#82
 3,3'-Dichlorobenzidine
 Concen: 0.014 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.03 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

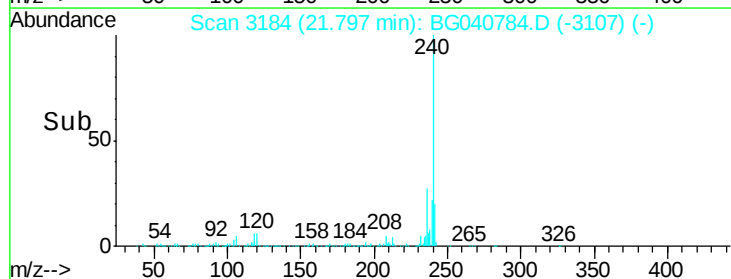
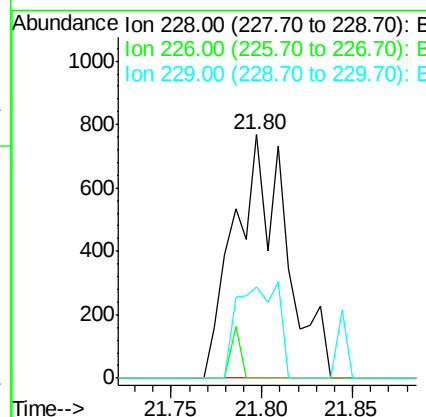
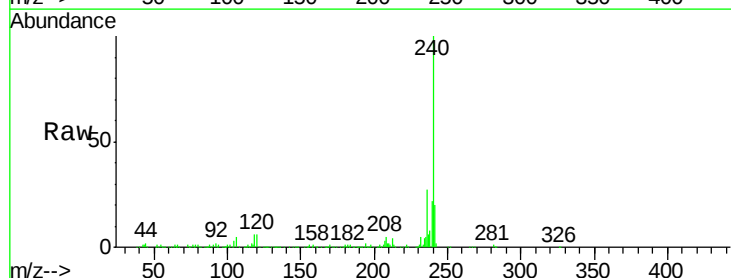
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-B

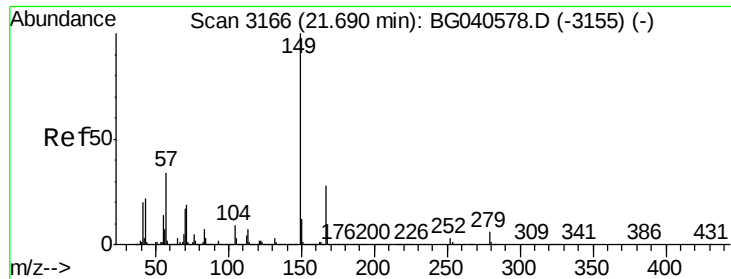
Tgt Ion: 252 Resp: 117
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.2 76.8#
 126 0.0 6.6 10.0#



#83
 Chrysene
 Concen: 0.066 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.07 min
 Lab File: BG040784.D
 Acq: 8 May 2019 2:09

Tgt Ion: 228 Resp: 1518
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.5 38.3#
 229 37.5 16.8 25.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.05 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

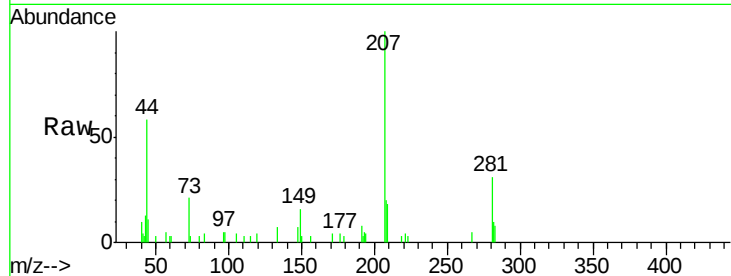
Tgt Ion:149 Resp: 1107

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

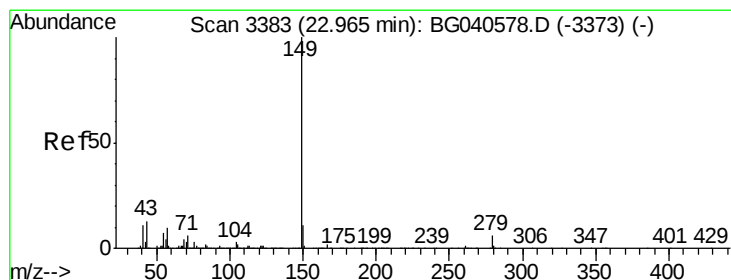
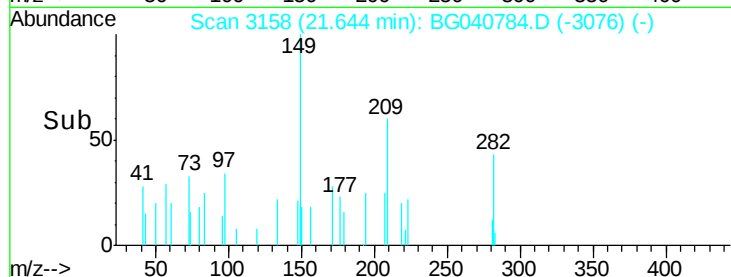
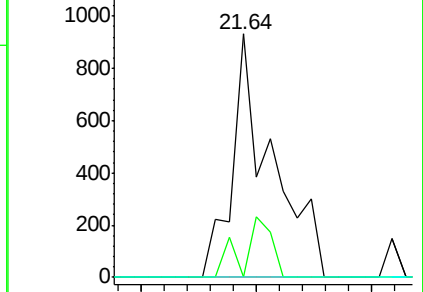
279 0.0 4.6 6.8#



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: 0.003 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.03 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

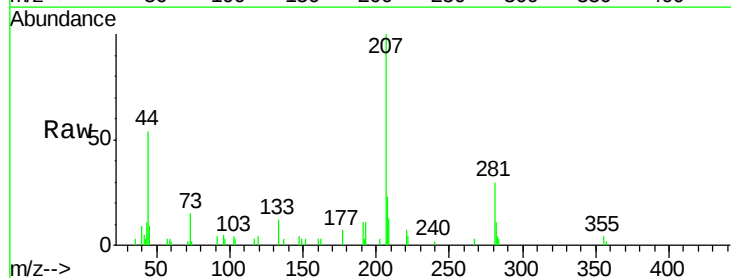
Tgt Ion:149 Resp: 64

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

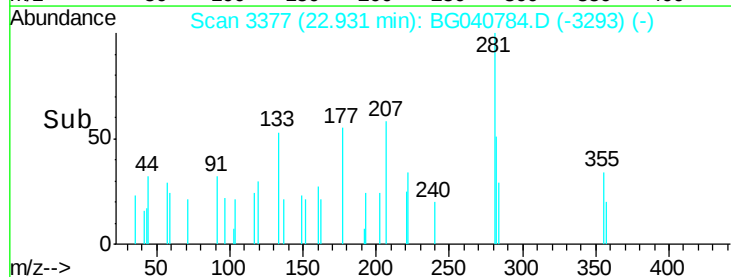
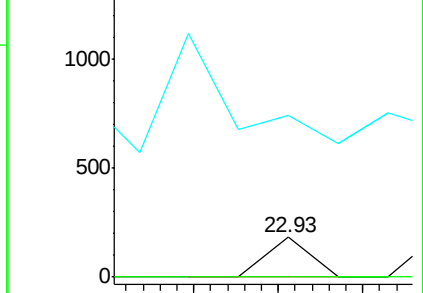
43 562.5 10.2 15.2#

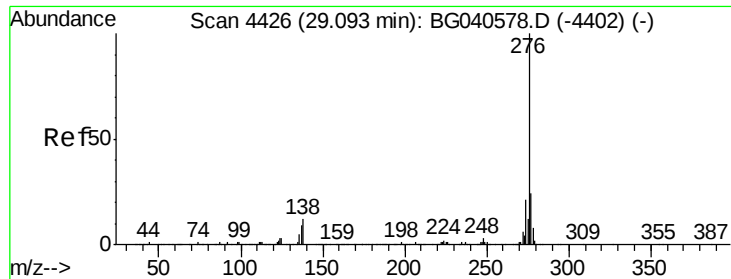


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.005 ng

RT: 28.98 min Scan# 4407

Delta R.T. -0.11 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

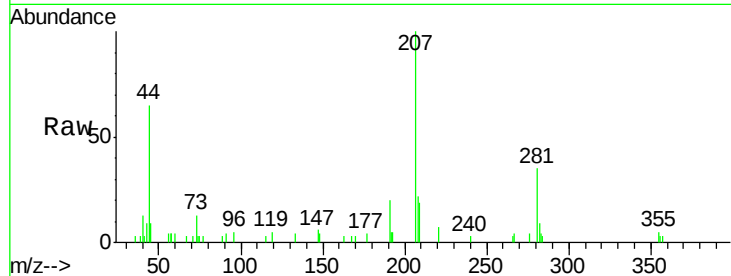
Tgt Ion:276 Resp: 146

Ion Ratio Lower Upper

276 100

138 0.0 9.8 14.6#

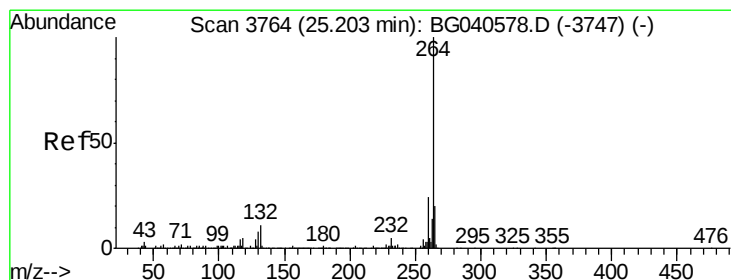
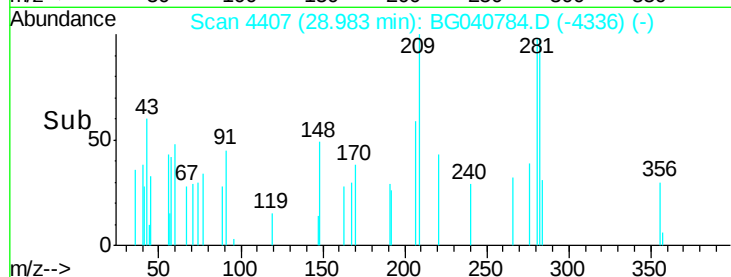
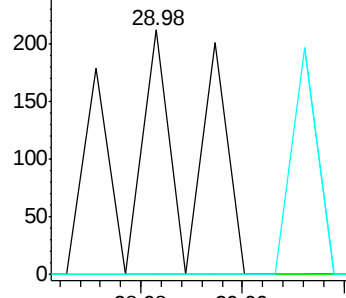
277 0.0 17.3 25.9#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3754

Delta R.T. -0.06 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

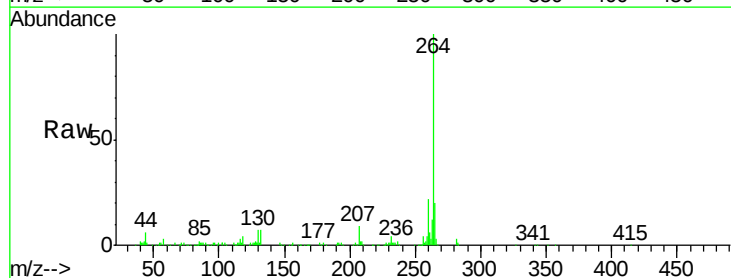
Tgt Ion:264 Resp: 310100

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

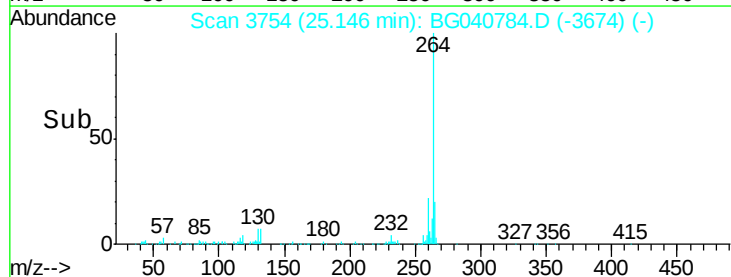
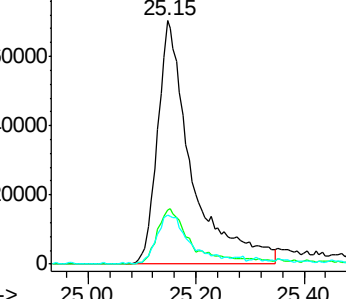
265 20.3 16.6 25.0

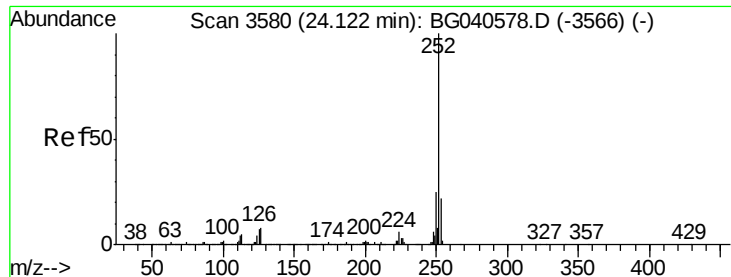


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.013 ng

RT: 24.07 min Scan# 3571

Delta R.T. -0.05 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

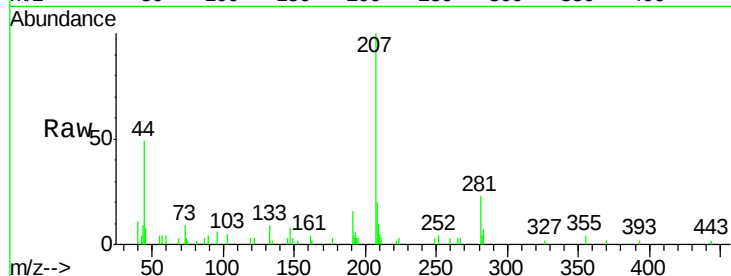
Tgt Ion:252 Resp: 240

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

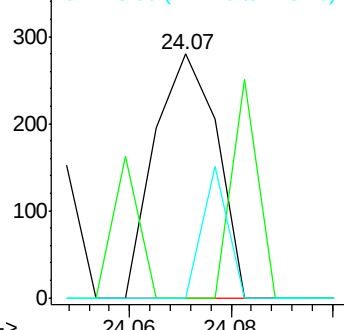
125 0.0 5.4 8.0#



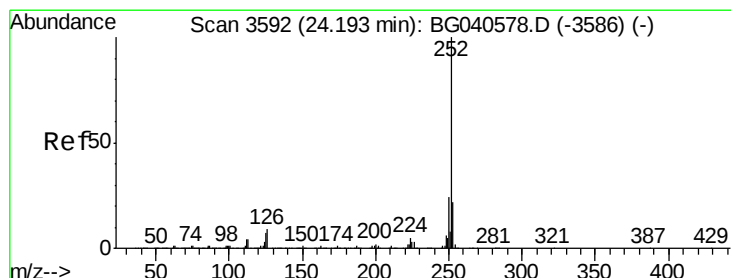
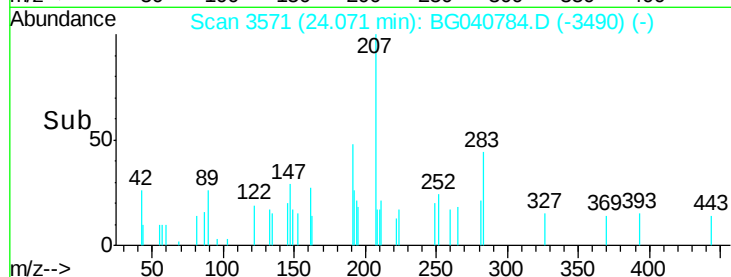
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 0.019 ng

RT: 24.14 min Scan# 3583

Delta R.T. -0.05 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

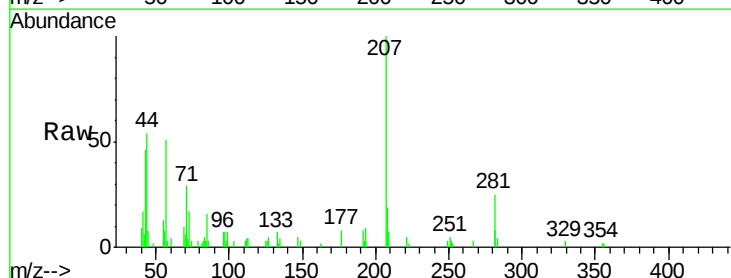
Tgt Ion:252 Resp: 342

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

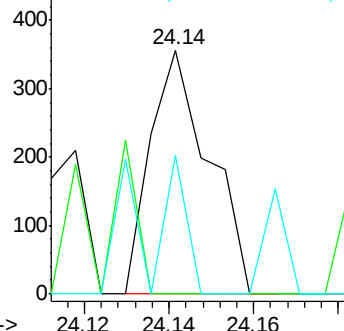
125 56.7 5.5 8.3#



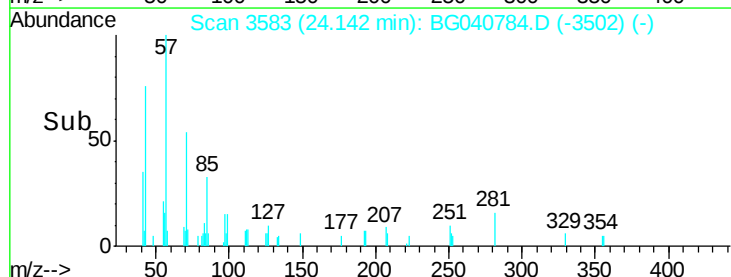
Abundance Ion 252.00 (251.70 to 252.70): E

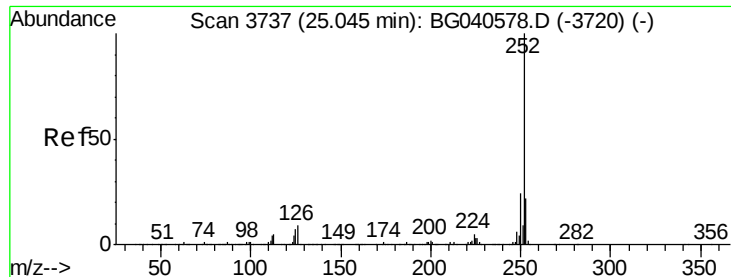
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.06 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B

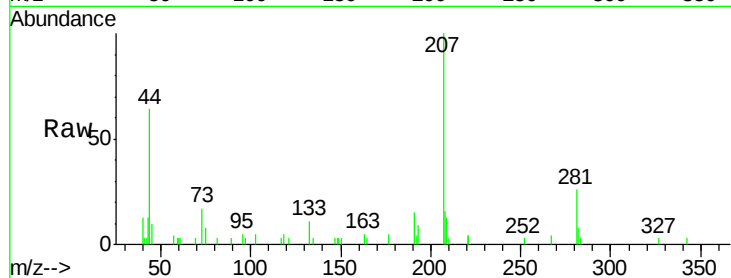
Tgt Ion: 252 Resp: 193

Ion Ratio Lower Upper

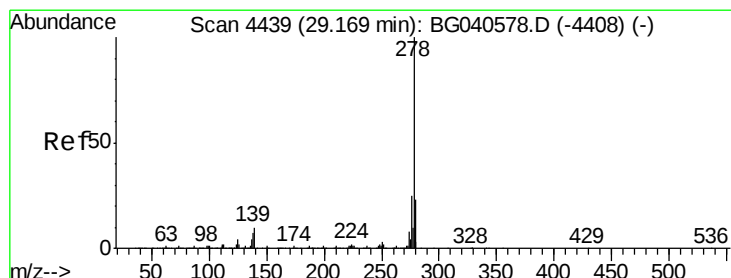
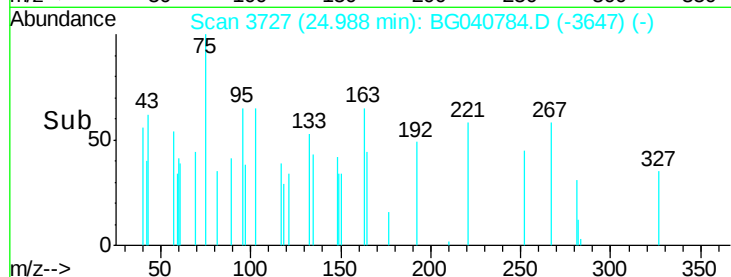
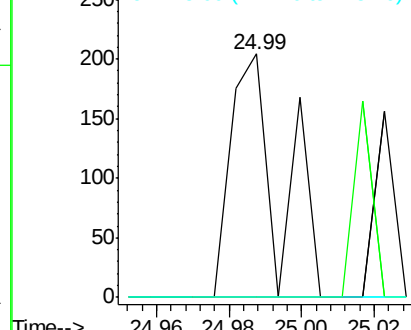
252 100

253 0.0 17.8 26.6#

125 0.0 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.08 min

Lab File: BG040784.D

Acq: 8 May 2019 2:09

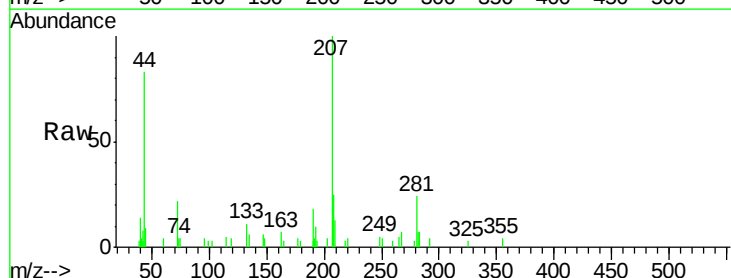
Tgt Ion: 278 Resp: 61

Ion Ratio Lower Upper

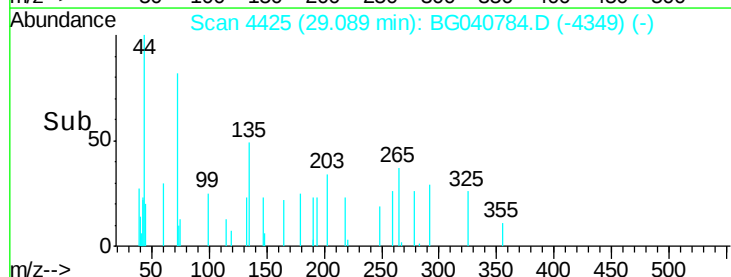
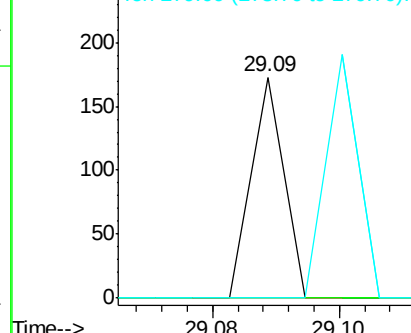
278 100

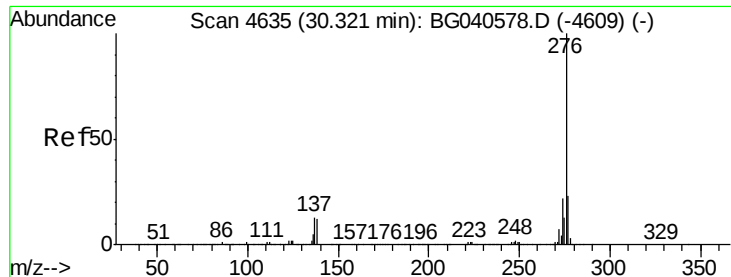
139 0.0 8.2 12.4#

279 0.0 18.5 27.7#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 30.25 min Scan# 4622

Delta R.T. -0.07 min

Lab File: BG040784.D

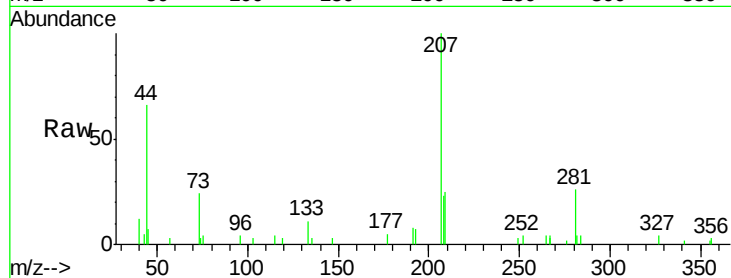
Acq: 8 May 2019 2:09

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-B



Tgt Ion:	276	Resp:	54
Ion Ratio	Lower	Upper	
276	100		
277	0.0	18.4	27.6#
138	0.0	9.8	14.6#

