

Data File : BG041906.D
Acq On : 3 Aug 2019 12:43
Operator : HP/JU
Sample : K3850-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP4

Quant Time: Aug 04 00:07:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	99111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	409334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	271420	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	532276	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	543585	20.00	ng/ul	0.02
85) Perylene-d12	24.80	264	638278	20.00	ng/ul	-0.19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	5335	2.36	ng/uL	0.00
5) Phenol-d5	7.18	99	122403	15.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	70528	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	113692	17.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	96513	14.78	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	55704	18.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	68838	19.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	128386	17.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	41374	5.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	389221	18.49	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	458375	19.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	48271	13.66	ng/ul	0.00
57) Fluorene-d10	15.69	176	341414	18.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	47067	13.78	ng/ul	0.01
70) Anthracene-d10	17.54	188	509732	19.96	ng/ul	0.00
78) Pyrene-d10	19.84	212	584496	19.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	638278	19.14	ng/ul	0.04

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.46	88	183	0.078	ng/uL#	24
4) Benzaldehyde	7.17	77	2795	0.761	ng/ul#	83
6) Phenol	7.21	94	5015	0.625	ng/ul#	87
11) 2-Methylphenol	8.48	108	61	0.009	ng/ul#	6
12) 2,2'-oxybis(1-Chloropropan	8.74	45	1008	0.098	ng/ul#	73
14) Acetophenone	8.87	105	6972	0.694	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.80	70	69	0.013	ng/ul#	35
16) 4-Methylphenol	8.80	108	399	0.057	ng/ul	95
17) Hexachloroethane	9.16	117	266	0.095	ng/ul#	1
20) Nitrobenzene	9.24	77	131	0.019	ng/ul#	37
21) Isophorone	9.93	82	4948	0.354	ng/ul#	64
23) 2-Nitrophenol	10.45	139	65	0.017	ng/ul#	1
24) 2,4-Dimethylphenol	10.04	107	118	0.016	ng/ul#	13
25) Bis(2-Chloroethoxy)methane	10.47	93	144	0.017	ng/ul#	1
28) Naphthalene	10.91	128	49352	2.358	ng/ul	99
30) 4-Chloroaniline	11.03	127	505	0.063	ng/ul#	42
32) Caprolactam	11.90	113	137	0.059	ng/ul	87
33) 4-Chloro-3-methylphenol	11.70	107	69	0.010	ng/ul#	15
34) 2-Methylnaphthalene	12.52	142	61219	3.681	ng/ul	99
40) 1,1'-Biphenyl	13.53	154	16516	0.837	ng/ul	94
41) 2-Chloronaphthalene	13.53	162	329	0.021	ng/ul#	1
42) 2-Nitroaniline	13.73	65	201	0.048	ng/ul#	2
44) Dimethylphthalate	14.14	163	126628	6.058	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2,6-Dinitrotoluene	14.25	165	378	0.083	ng/ul#	1
47) Acenaphthylene	14.42	152	21740	0.896	ng/ul#	85
48) 3-Nitroaniline	14.62	138	202	0.056	ng/ul#	8
49) Acenaphthene	14.76	153	157777	9.297	ng/ul	97
50) 2,4-Dinitrophenol	15.26	184	354	0.142	ng/ul#	47
52) 4-Nitrophenol	14.89	109	128	0.049	ng/ul#	1
53) Dibenzofuran	15.09	168	42788	1.689	ng/ul	97
54) 2,4-Dinitrotoluene	15.04	165	875	0.132	ng/ul#	9
55) 2,3,4,6-Tetrachlorophenol	15.84	232	53	0.008	ng/ul#	1
56) Diethylphthalate	15.51	149	7252	0.349	ng/ul#	91
58) Fluorene	15.74	166	143862	7.052	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.83	204	66	0.006	ng/ul#	1
60) 4-Nitroaniline	15.75	138	1953	0.483	ng/ul#	22
63) 4,6-Dinitro-2-methylphenol	15.81	198	76	0.021	ng/ul#	1
64) N-Nitrosodiphenylamine	15.96	169	18167	1.150	ng/ul#	48
65) 4-Bromophenyl-phenylether	16.79	248	78	0.011	ng/ul#	1
66) Hexachlorobenzene	16.76	284	2488	0.352	ng/ul#	76
67) Atrazine	16.90	200	376	0.057	ng/ul#	38
68) Pentachlorophenol	17.09	266	142	0.037	ng/ul#	43
69) Phenanthrene	17.58	178	604995	20.762	ng/ul	99
71) Anthracene	17.58	178	604995	20.470	ng/ul	100
73) Pentachlorobenzene	15.02	250	178	0.021	ng/ul#	56
74) Carbazole	17.84	167	68595	2.802	ng/ul	95
75) Di-n-butylphthalate	18.41	149	985479	32.661	ng/ul	99
76) Fluoranthene	19.51	202	2487408	73.879	ng/ul#	93
79) Pyrene	19.51	202	2487408	68.028	ng/ul	97
80) Butylbenzylphthalate	20.64	149	19940	1.385	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.63	252	497	0.040	ng/ul#	64
82) Benzo(a)anthracene	21.72	228	2347786	62.293	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.64	149	4199789	213.871	ng/ul#	56
84) Chrysene	21.79	228	2480713	70.521	ng/ul#	86
86) Di-n-octyl phthalate	22.66	149	48637	1.540	ng/ul	100
87) Benzo(b)fluoranthene	24.00	252	2315242	57.801	ng/ul	95
88) Benzo(k)fluoranthene	24.00	252	2315242	60.116	ng/ul	95
90) Benzo(a)pyrene	24.88	252	2011226	52.692	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	28.78	276	844698	18.973	ng/ul	97
92) Dibenzo(a,h)anthracene	28.81	278	292237	8.047	ng/ul	94
93) Benzo(g,h,i)perylene	29.95	276	751394	20.215	ng/ul	98

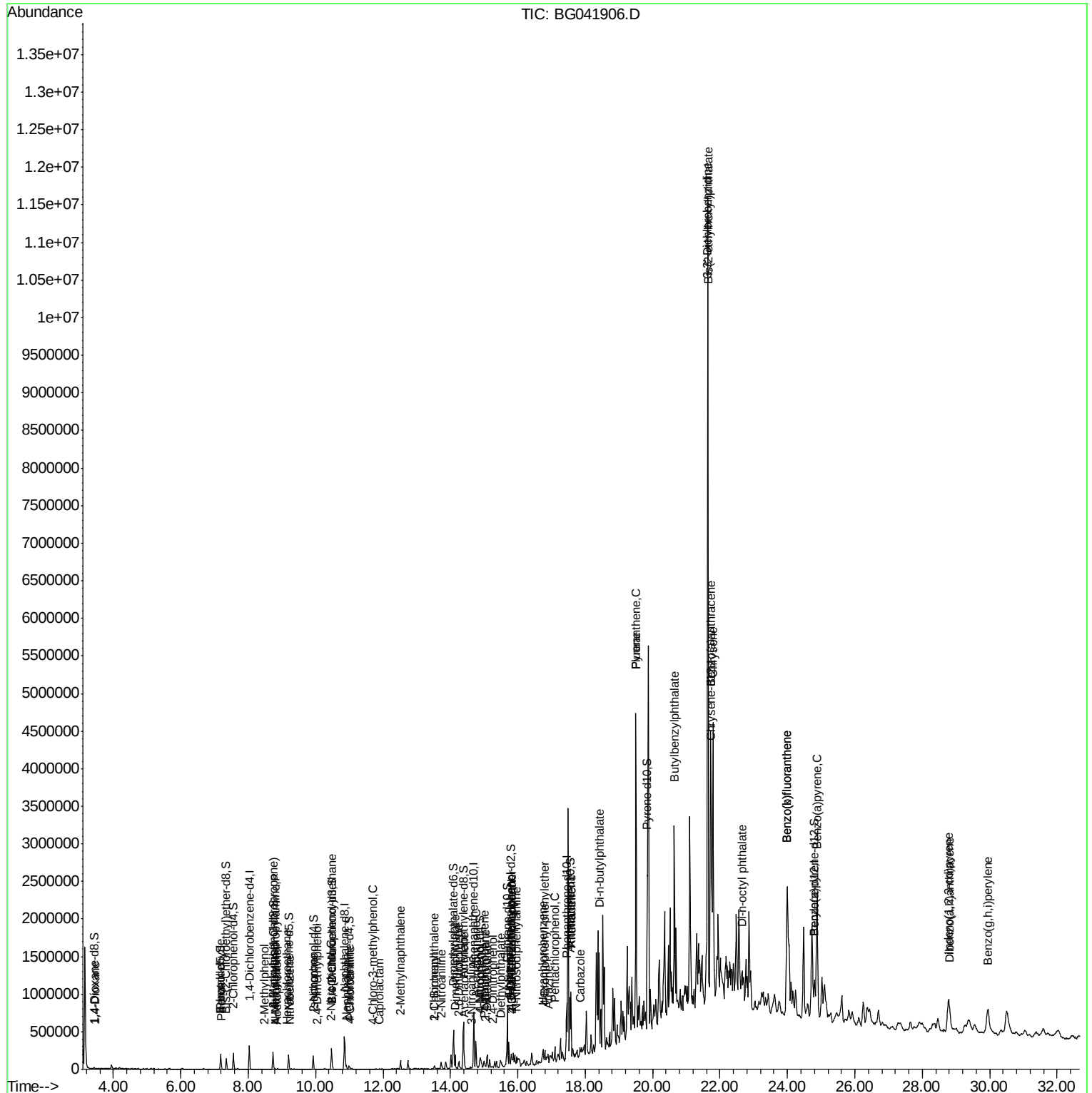
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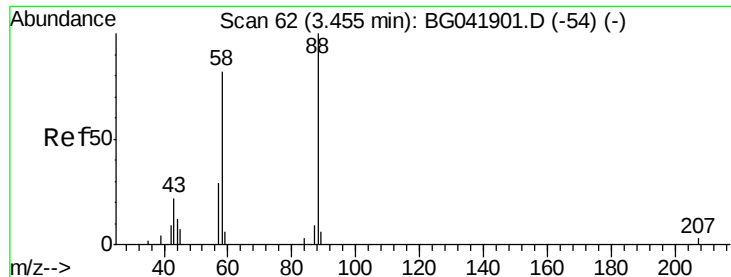
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#2

1,4-Dioxane

Concen: 0.078 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.01 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

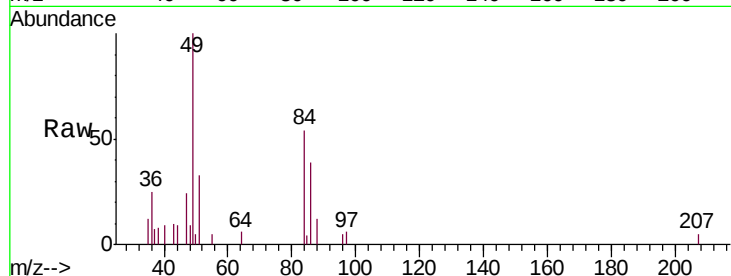
Tgt Ion: 88 Resp: 183

Ion Ratio Lower Upper

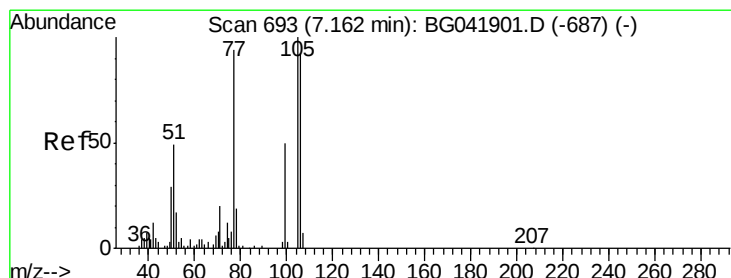
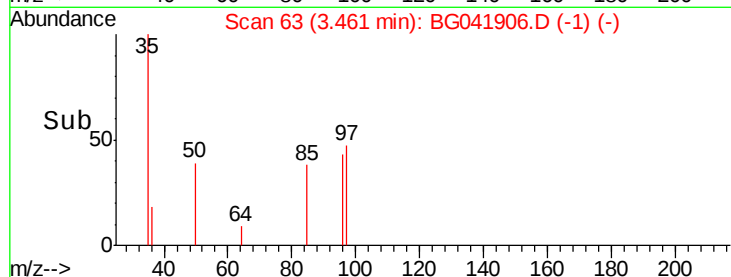
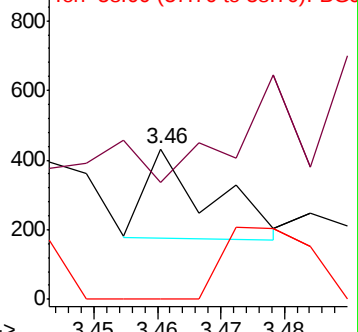
88 100

43 77.1 36.3 54.5#

58 0.0 66.0 99.0#



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



#4

Benzaldehyde

Concen: 0.761 ng/uL

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

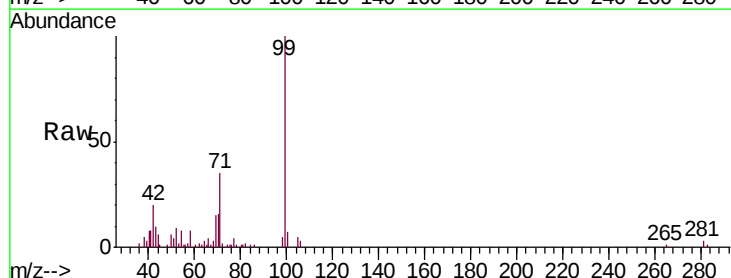
Tgt Ion: 77 Resp: 2795

Ion Ratio Lower Upper

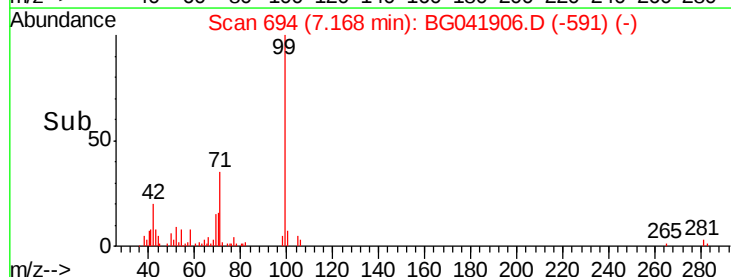
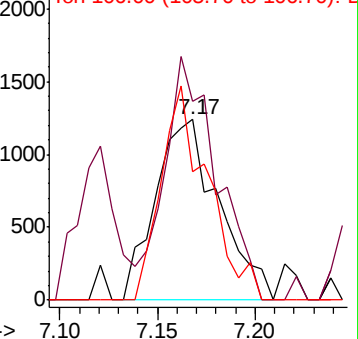
77 100

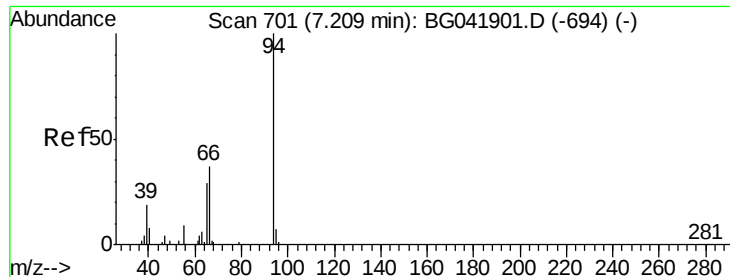
105 109.8 80.7 121.1

106 71.2 76.3 114.5#



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





#6

Phenol

Concen: 0.625 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

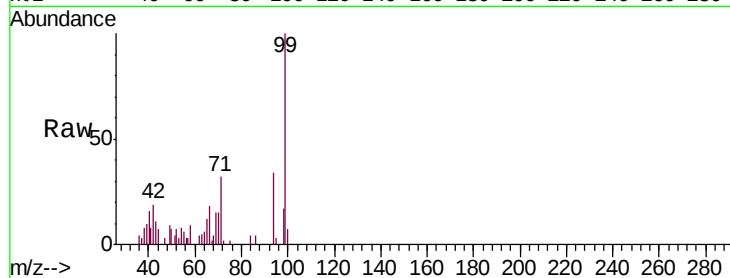
Tgt Ion: 94 Resp: 5015

Ion Ratio Lower Upper

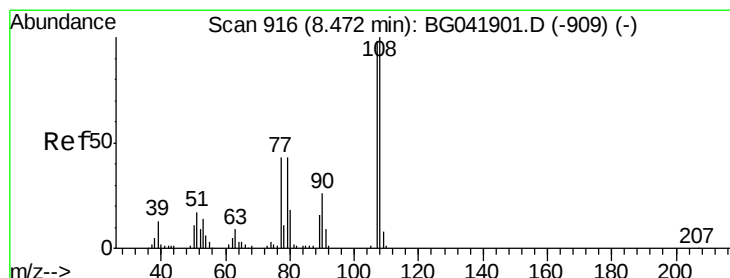
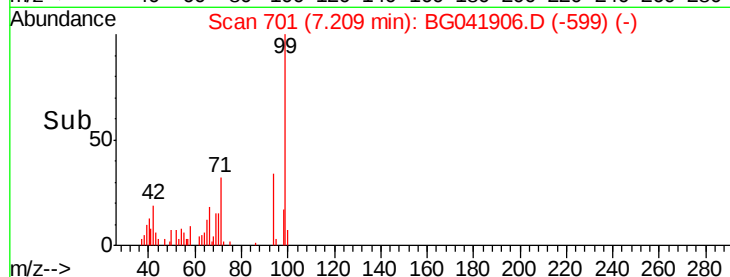
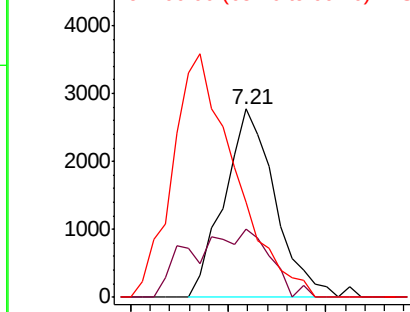
94 100

65 36.2 25.8 38.6

66 50.9 31.8 47.8#



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

2-Methylphenol

Concen: 0.009 ng/ul

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG041906.D

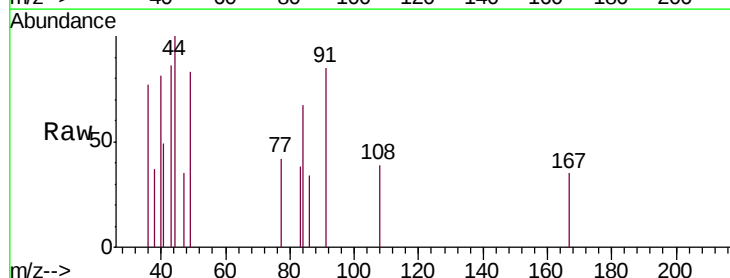
Acq: 3 Aug 2019 12:43

Tgt Ion: 108 Resp: 61

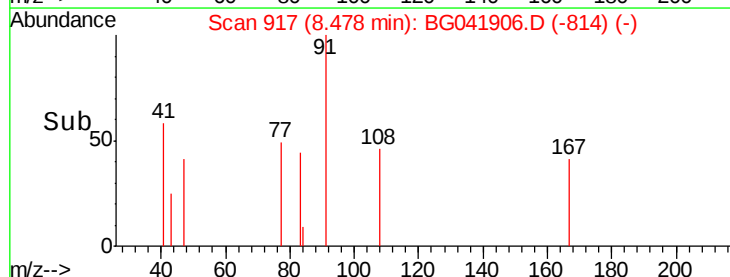
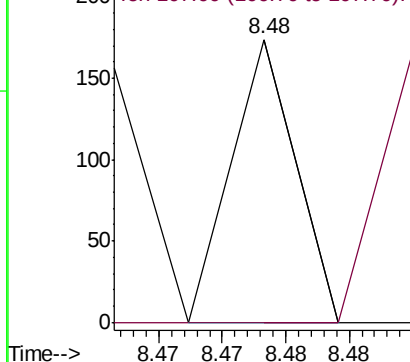
Ion Ratio Lower Upper

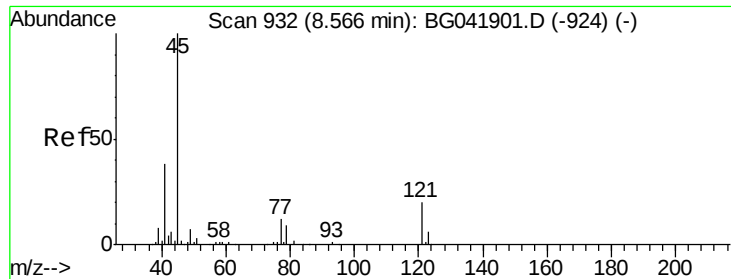
108 100

107 0.0 69.9 104.9#



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

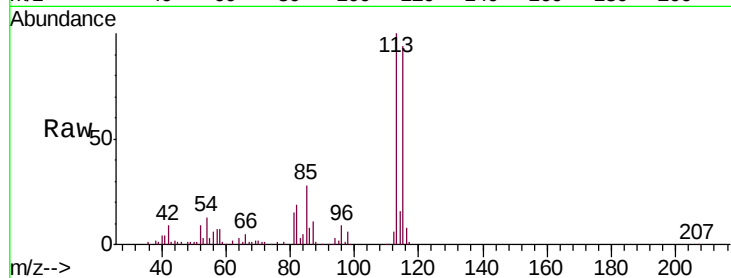




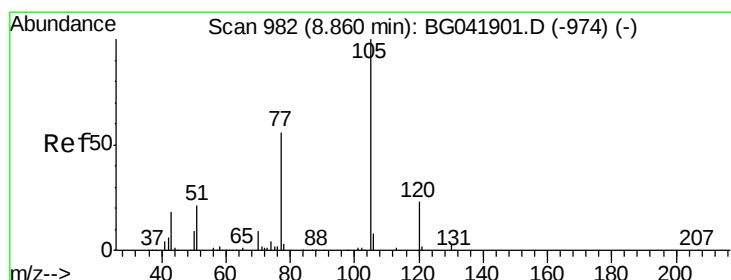
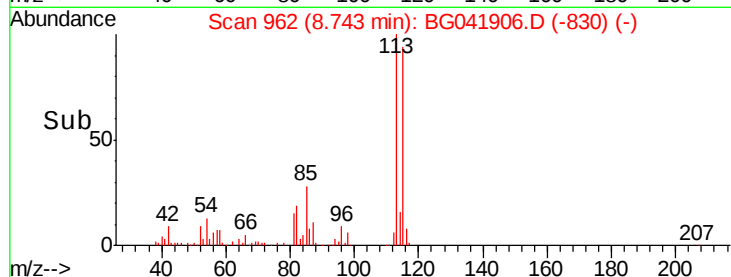
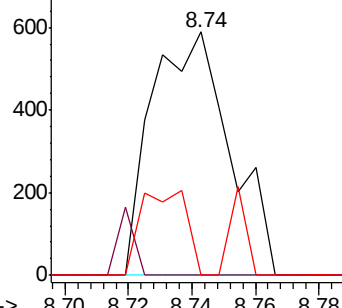
#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.098 ng/ul
RT: 8.74 min Scan# 962
Delta R.T. 0.18 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Instrument :
BNA_G
ClientSampleId :
BENP4

Tgt Ion: 45 Resp: 1008
Ion Ratio Lower Upper
45 100
77 0.0 8.6 12.8#
79 0.0 7.2 10.8#

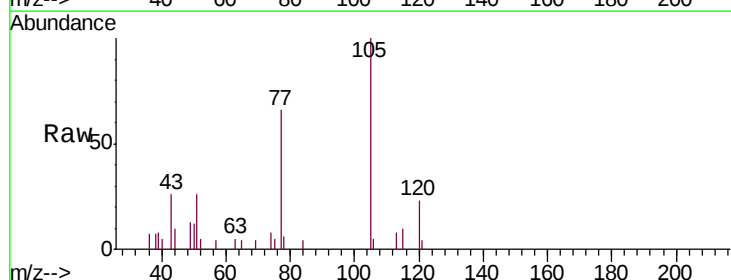


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

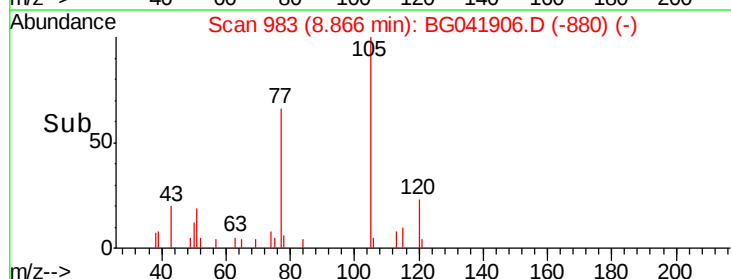
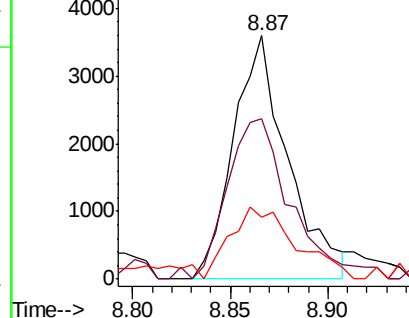


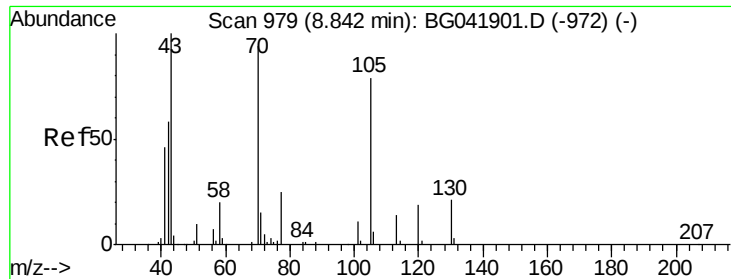
#14
Acetophenone
Concen: 0.694 ng/ul
RT: 8.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion: 105 Resp: 6972
Ion Ratio Lower Upper
105 100
77 62.7 60.0 90.0
51 24.2 22.1 33.1



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

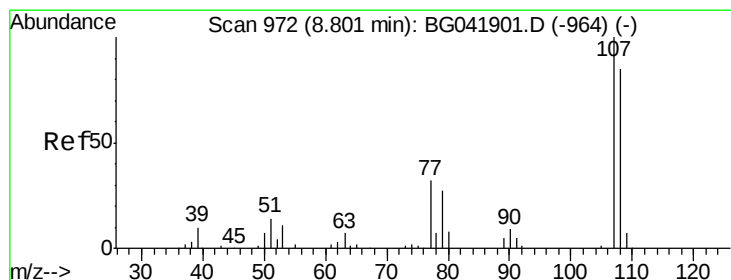
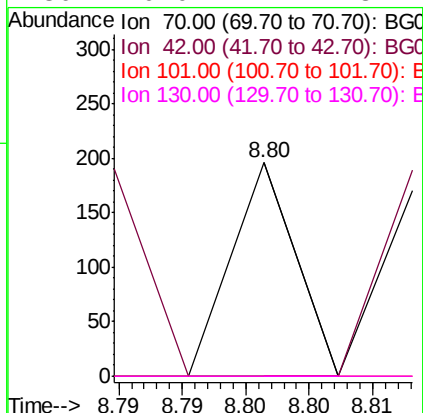
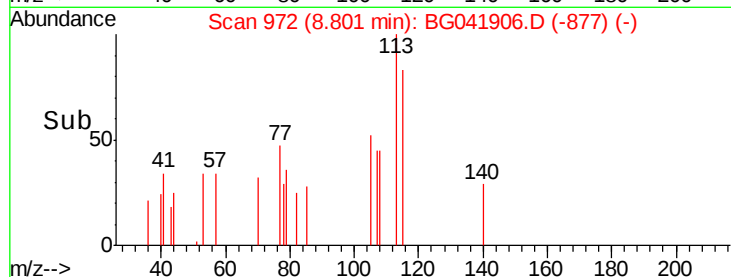
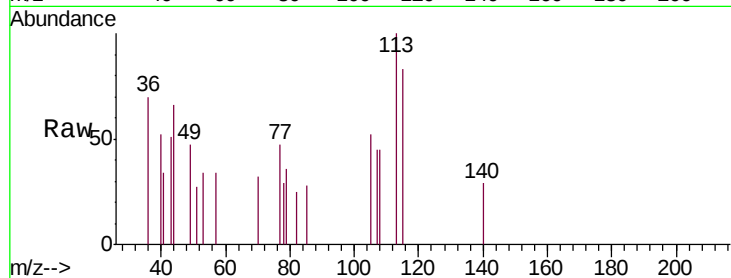




#15
N-Nitroso-di-n-propylamine
Concen: 0.013 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. -0.04 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

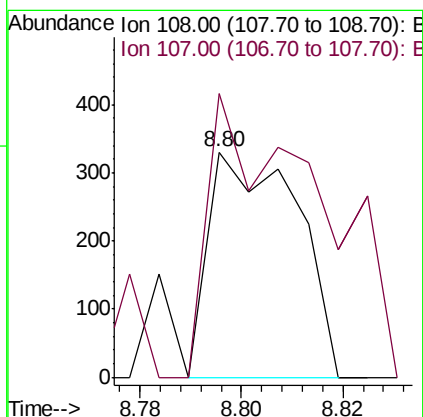
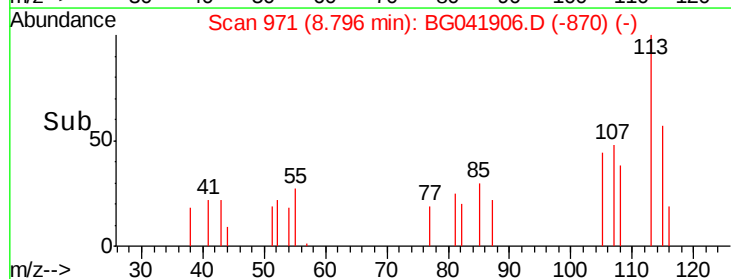
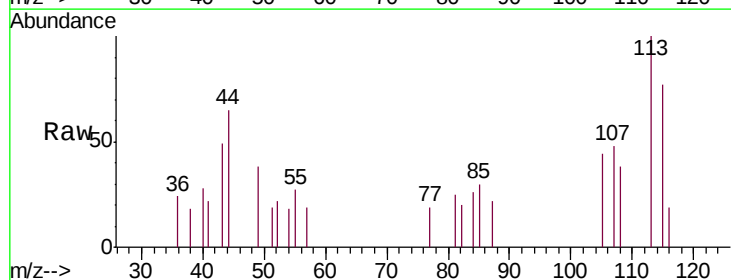
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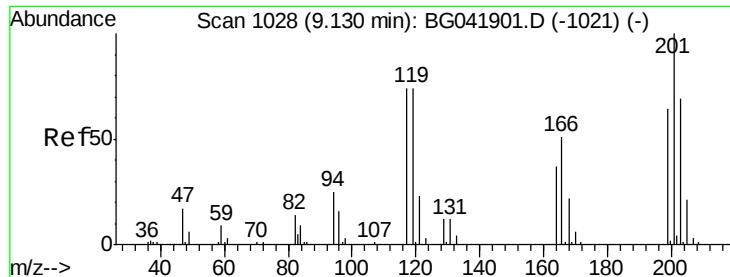
Tgt Ion: 70 Resp: 69
Ion Ratio Lower Upper
70 100
42 0.0 46.4 69.6#
101 0.0 9.7 14.5#
130 0.0 21.1 31.7#



#16
4-Methylphenol
Concen: 0.057 ng/ul
RT: 8.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion: 108 Resp: 399
Ion Ratio Lower Upper
108 100
107 126.1 96.2 144.2





#17

Hexachloroethane

Concen: 0.095 ng/ul

RT: 9.16 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

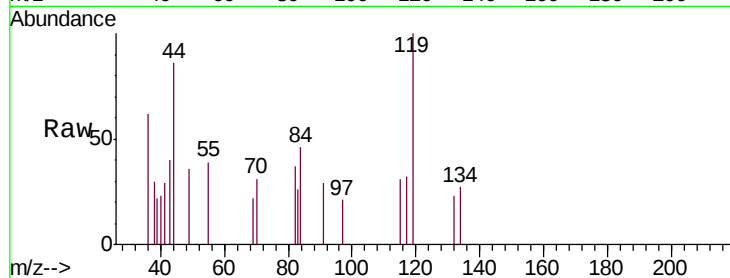
Tgt Ion: 117 Resp: 266

Ion Ratio Lower Upper

117 100

201 0.0 103.4 155.2#

199 0.0 62.9 94.3#

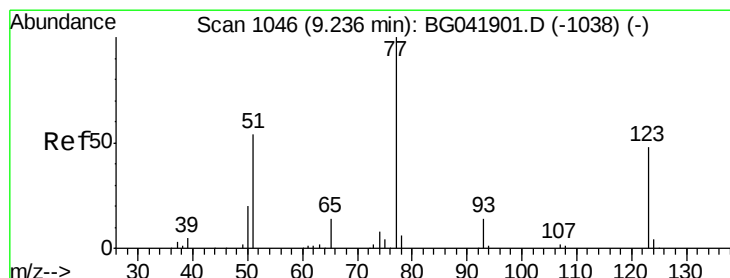
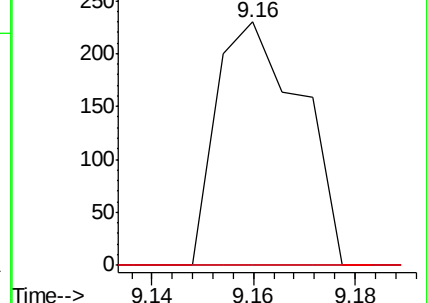
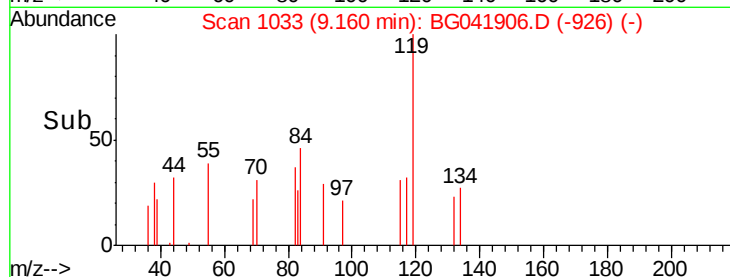


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

Time-->



#20

Nitrobenzene

Concen: 0.019 ng/ul

RT: 9.24 min Scan# 1047

Delta R.T. 0.01 min

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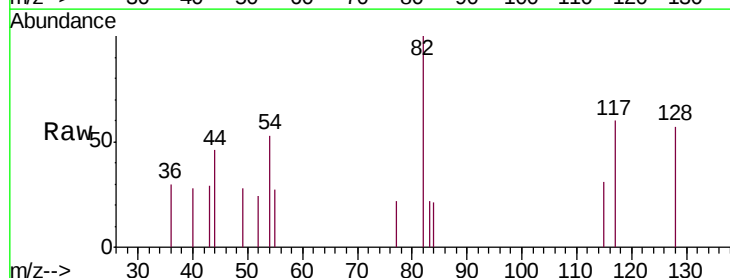
Tgt Ion: 77 Resp: 131

Ion Ratio Lower Upper

77 100

123 0.0 38.3 57.5#

65 0.0 11.6 17.4#

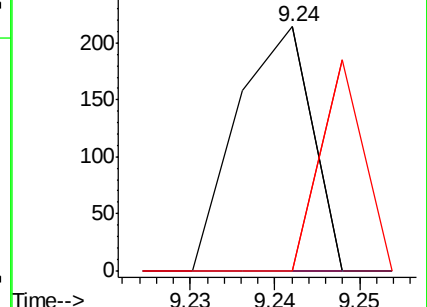
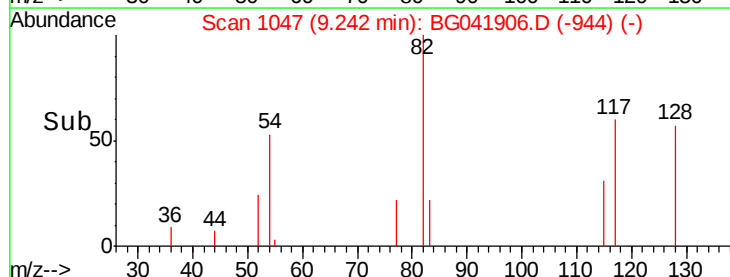


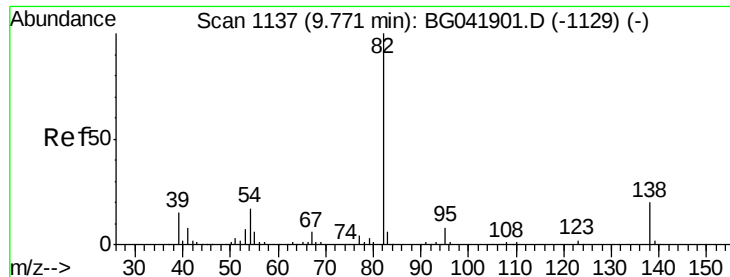
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

Time-->





#21

Isophorone

Concen: 0.354 ng/ul

RT: 9.93 min Scan# 1164

Delta R.T. 0.16 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

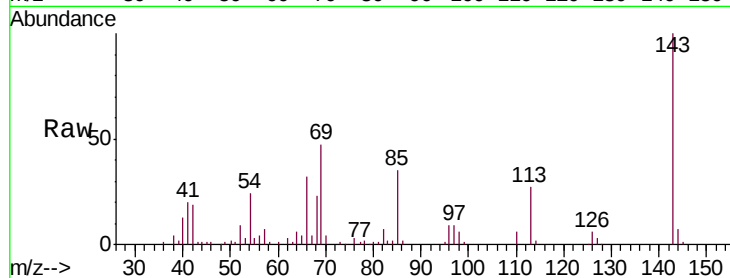
Tgt Ion: 82 Resp: 4948

Ion Ratio Lower Upper

82 100

95 12.0 5.6 8.4#

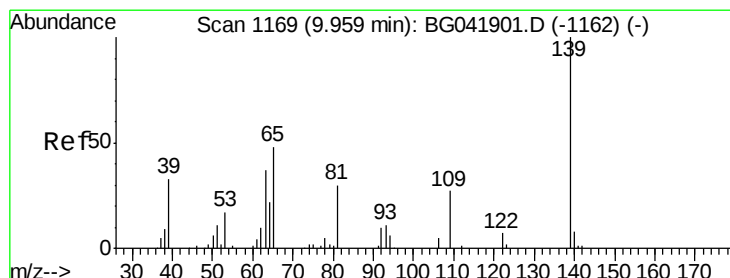
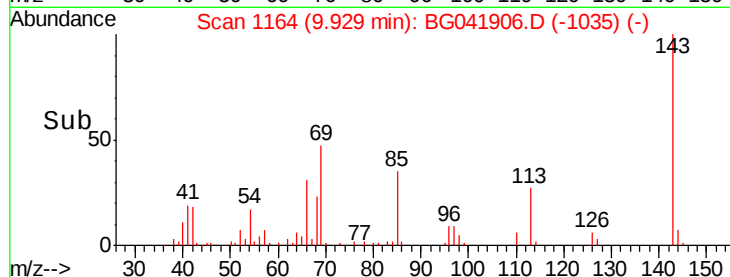
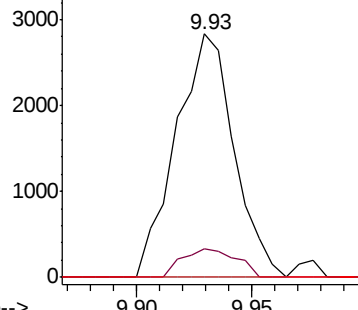
138 0.0 15.8 23.8#



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



#23

2-Nitrophenol

Concen: 0.017 ng/ul

RT: 10.45 min Scan# 1252

Delta R.T. 0.49 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

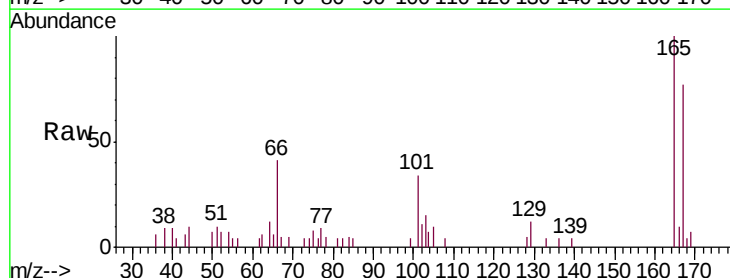
Tgt Ion: 139 Resp: 65

Ion Ratio Lower Upper

139 100

65 154.6 38.6 57.8#

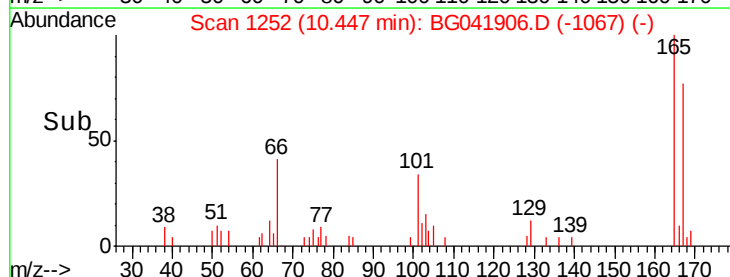
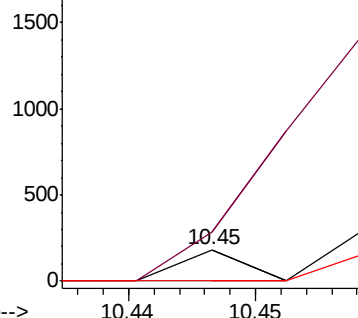
109 0.0 21.9 32.9#

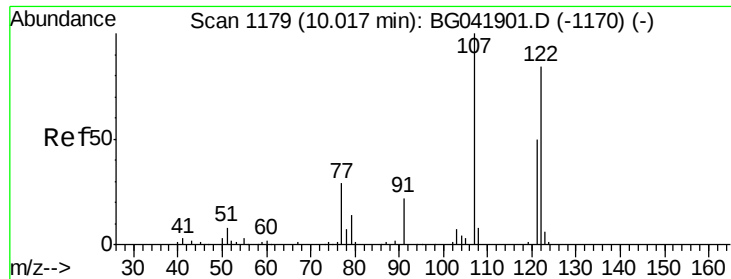


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

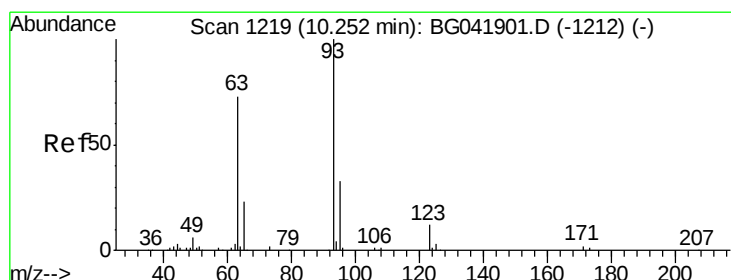
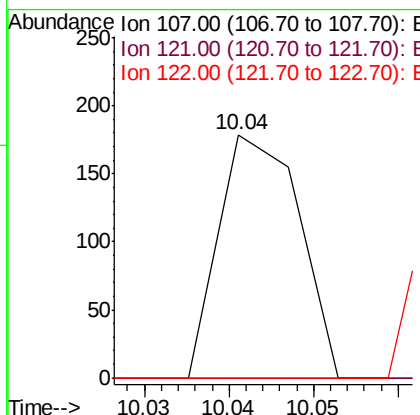
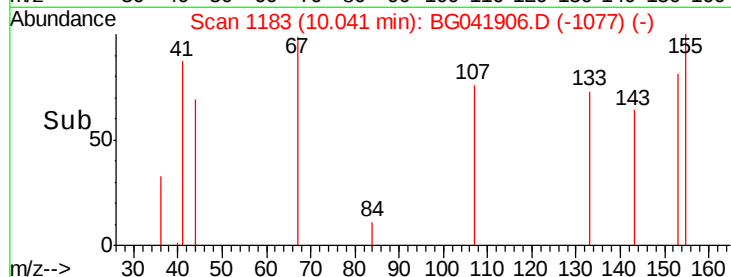
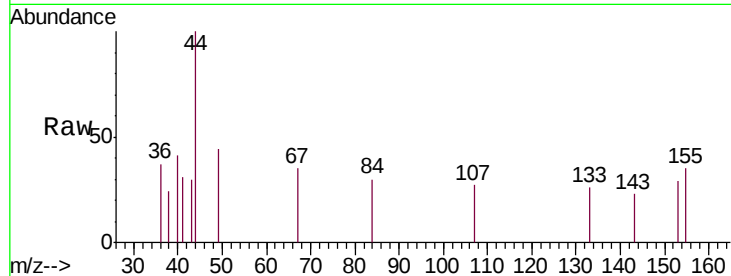




#24
 2,4-Dimethylphenol
 Concen: 0.016 ng/ul
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.02 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

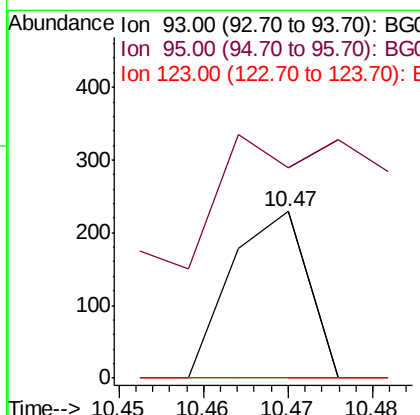
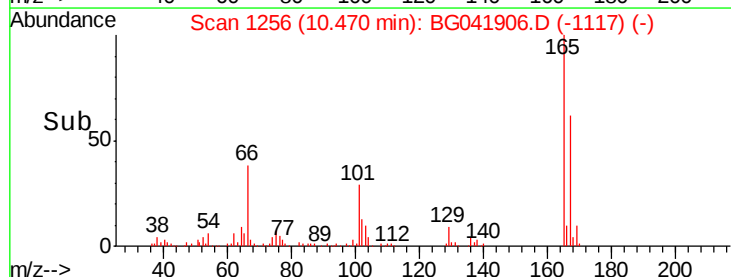
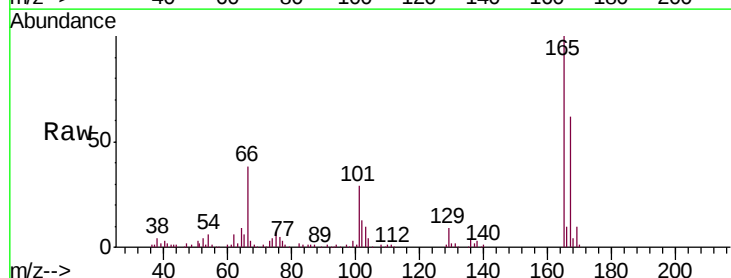
Instrument :
 BNA_G
 ClientSampled :
 BENP4

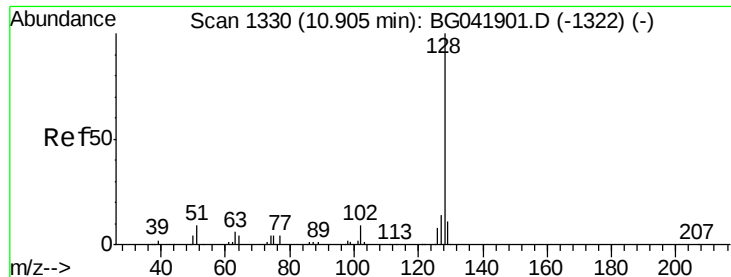
Tgt Ion: 107 Resp: 118
 Ion Ratio Lower Upper
 107 100
 121 0.0 45.0 67.6#
 122 0.0 68.1 102.1#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.017 ng/ul
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.22 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion: 93 Resp: 144
 Ion Ratio Lower Upper
 93 100
 95 126.6 25.4 38.0#
 123 0.0 9.6 14.4#

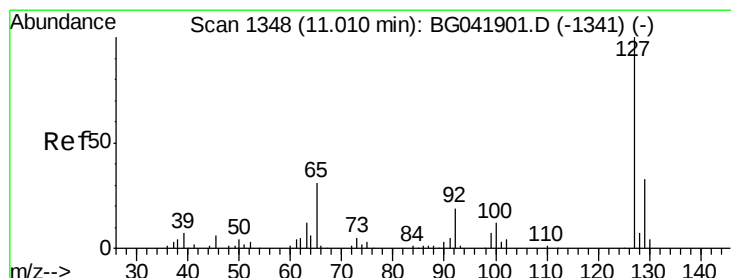
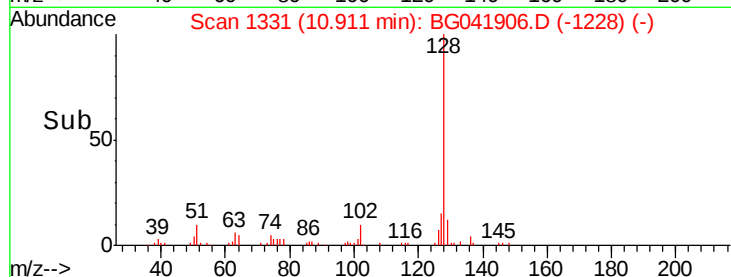
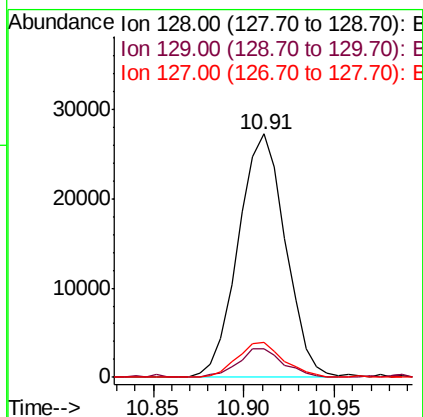
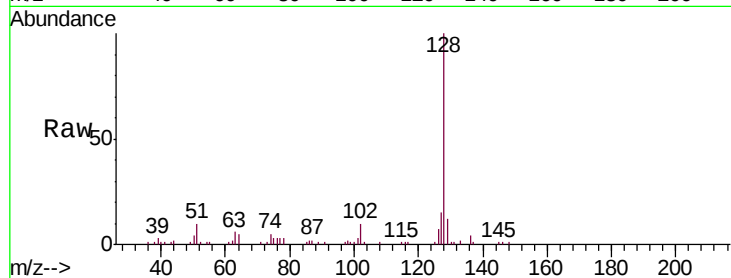




#28
Naphthalene
Concen: 2.358 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

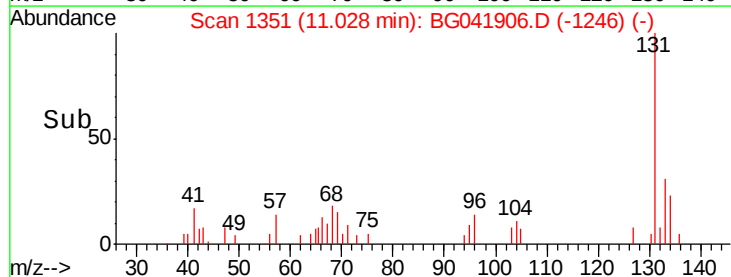
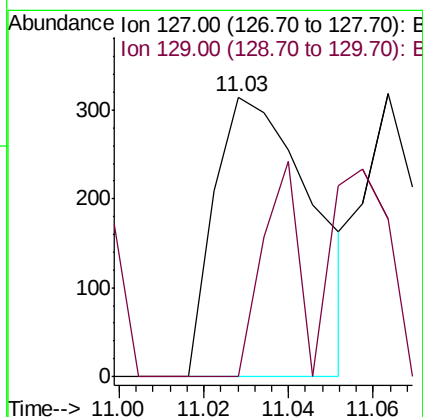
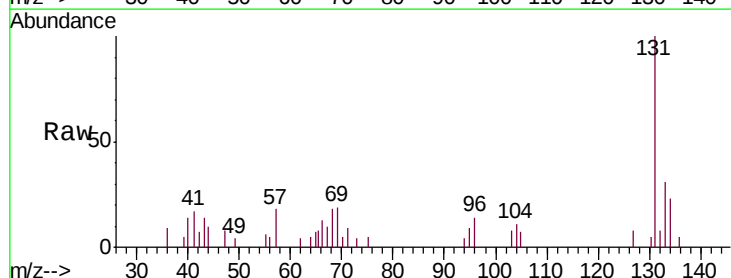
Instrument :
BNA_G
ClientSampleId :
BENP4

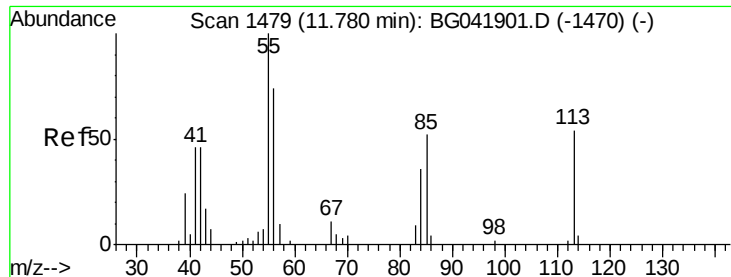
Tgt Ion:128 Resp: 49352
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.5 11.4 17.0



#30
4-Chloroaniline
Concen: 0.063 ng/ul
RT: 11.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion:127 Resp: 505
Ion Ratio Lower Upper
127 100
129 0.0 26.5 39.7#





#32

Caprolactam

Concen: 0.059 ng/ul

RT: 11.90 min Scan# 1500

Delta R.T. 0.12 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleID :

BENP4

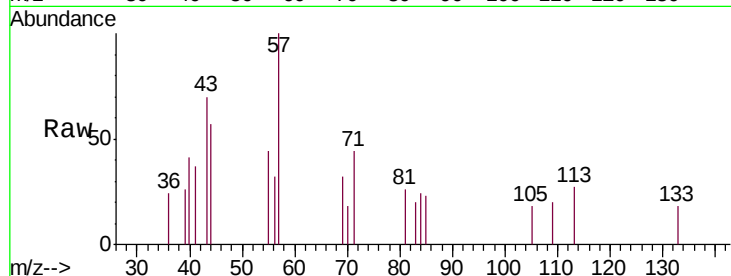
Tgt Ion:113 Resp: 137

Ion Ratio Lower Upper

113 100

55 162.9 142.4 213.6

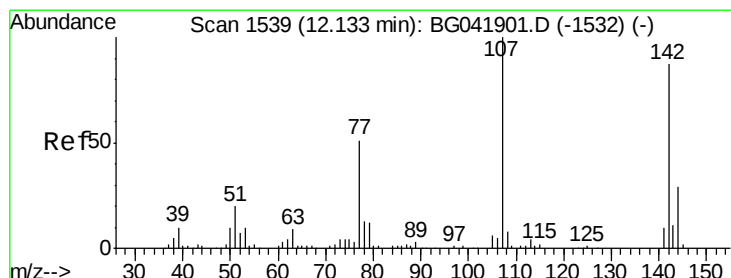
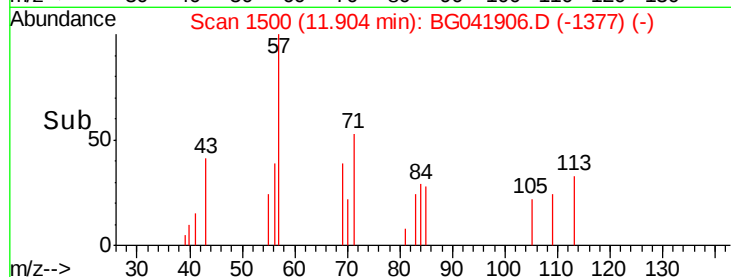
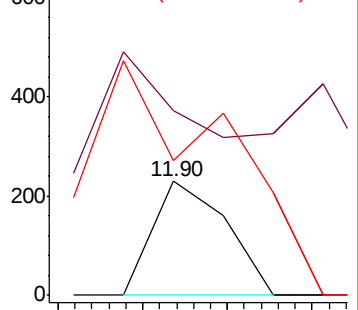
56 118.3 109.4 164.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041901.D (-1470) (-)

Ion 56.00 (55.70 to 56.70): BG041901.D (-1470) (-)



#33

4-Chloro-3-methylphenol

Concen: 0.010 ng/ul

RT: 11.70 min Scan# 1466

Delta R.T. -0.43 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

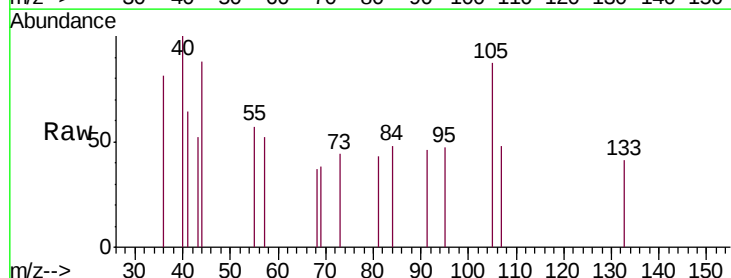
Tgt Ion:107 Resp: 69

Ion Ratio Lower Upper

107 100

144 0.0 23.0 34.6#

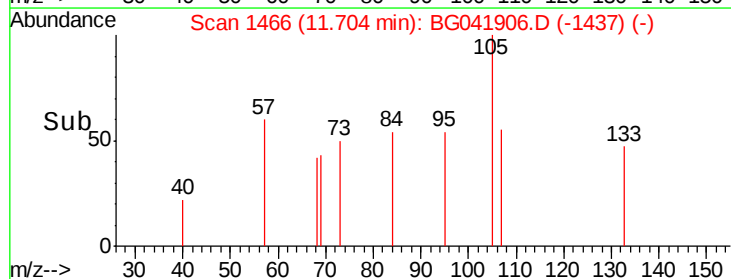
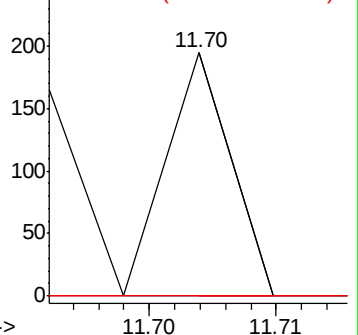
142 0.0 71.0 106.6#

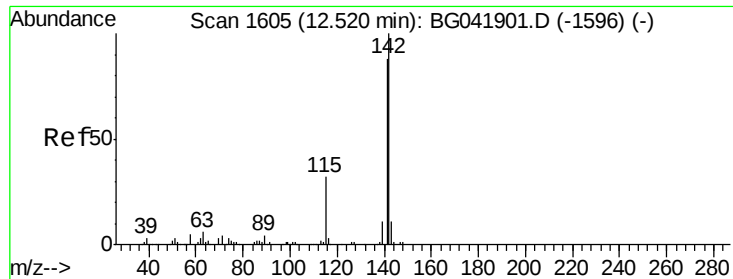


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

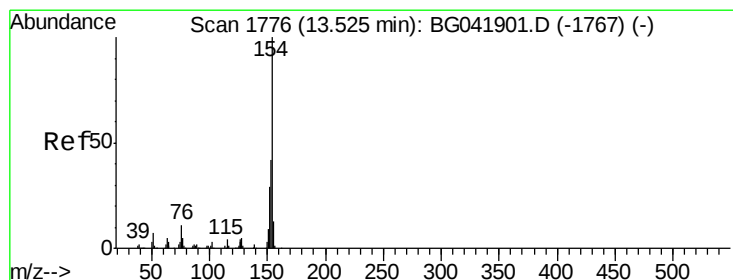
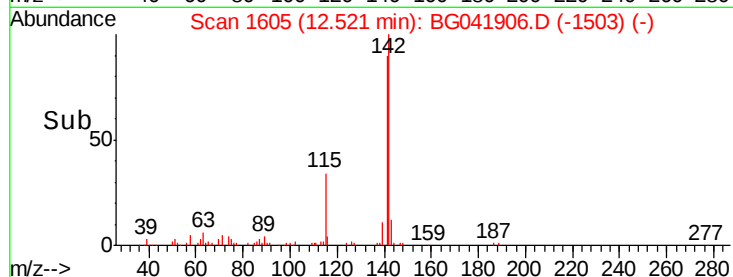
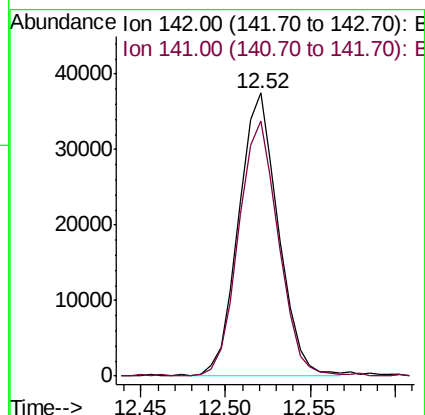
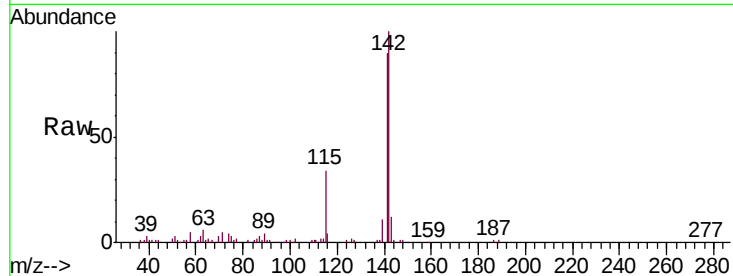




#34
 2-Methylnaphthalene
 Concen: 3.681 ng/ul
 RT: 12.52 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

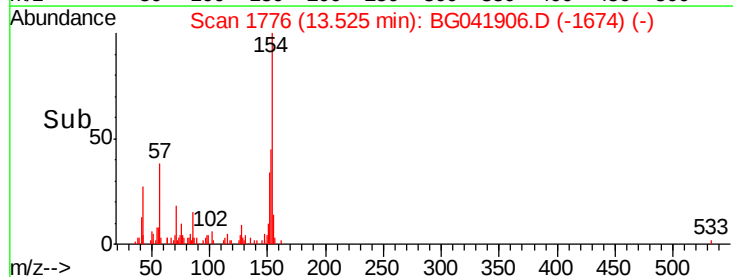
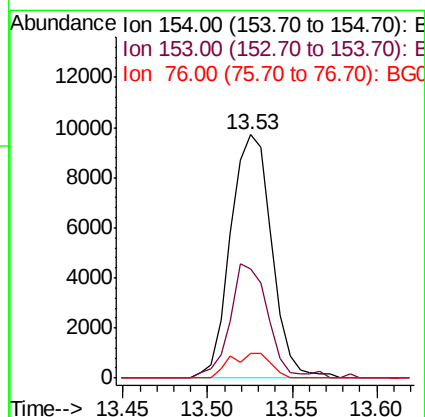
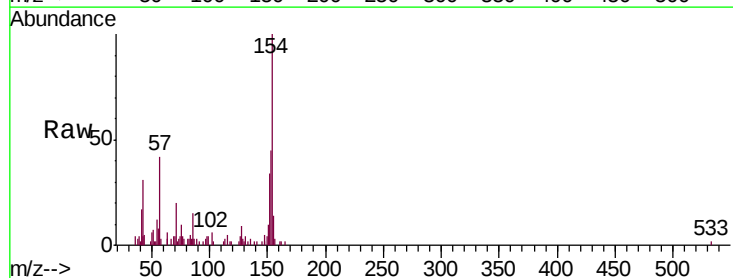
Instrument :
 BNA_G
 ClientSampleId :
 BENP4

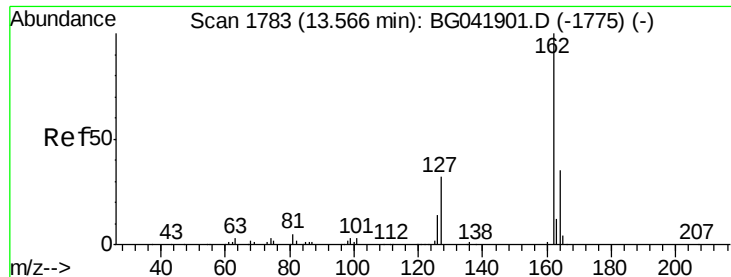
Tgt Ion:142 Resp: 61219
 Ion Ratio Lower Upper
 142 100
 141 90.0 72.9 109.3



#40
 1,1'-Biphenyl
 Concen: 0.837 ng/ul
 RT: 13.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion:154 Resp: 16516
 Ion Ratio Lower Upper
 154 100
 153 45.1 32.6 48.8
 76 10.2 8.6 13.0

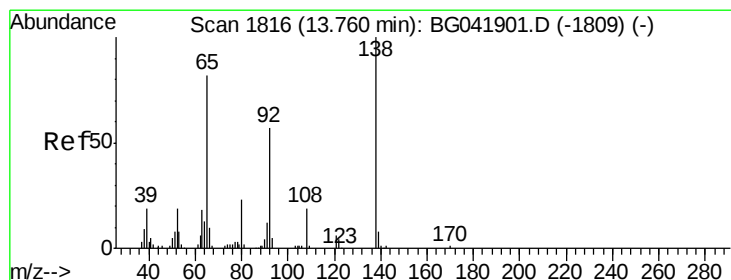
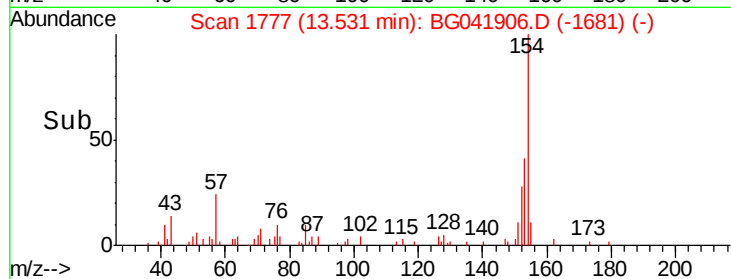
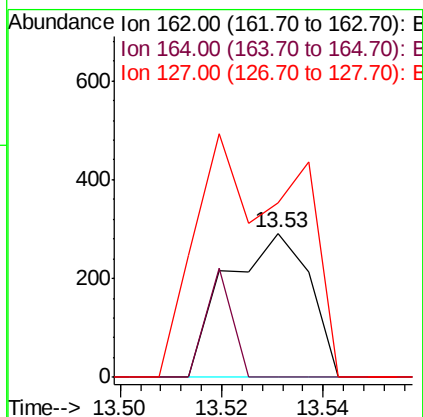
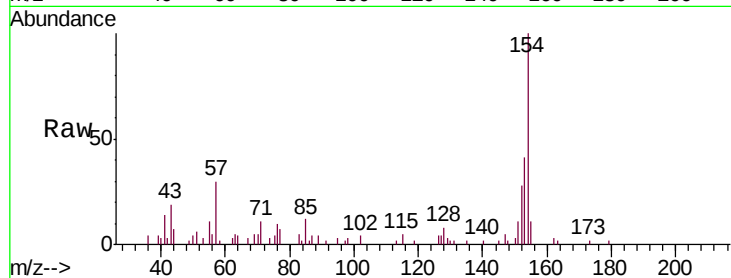




#41
 2-Chloronaphthalene
 Concen: 0.021 ng/ul
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.04 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

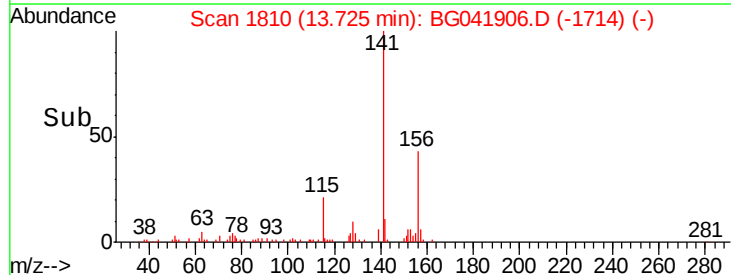
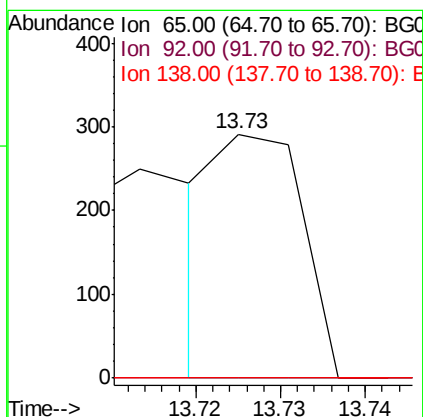
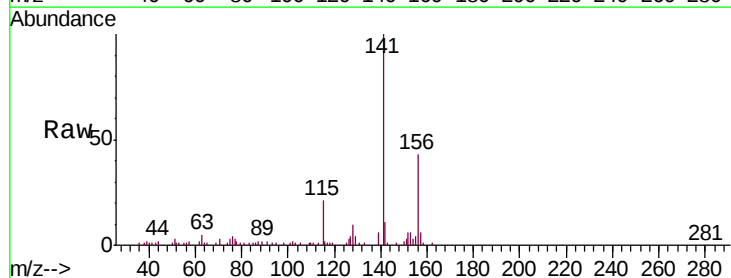
Instrument :
 BNA_G
 ClientSampleId :
 BENP4

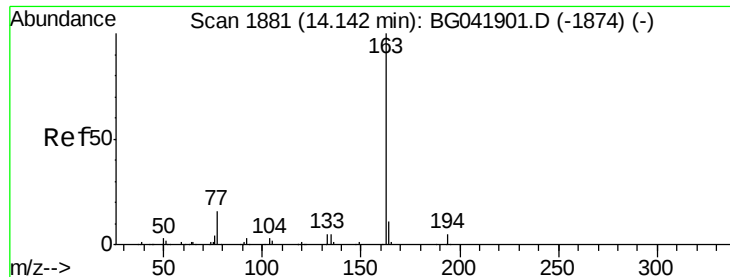
Tgt Ion: 162 Resp: 329
 Ion Ratio Lower Upper
 162 100
 164 0.0 26.9 40.3#
 127 120.9 27.8 41.8#



#42
 2-Nitroaniline
 Concen: 0.048 ng/ul
 RT: 13.73 min Scan# 1810
 Delta R.T. -0.04 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion: 65 Resp: 201
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.6 77.4#
 138 0.0 94.1 141.1#

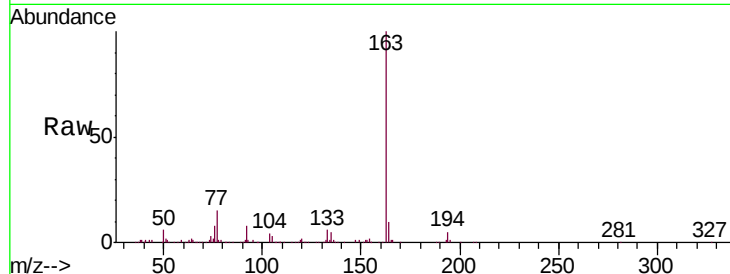




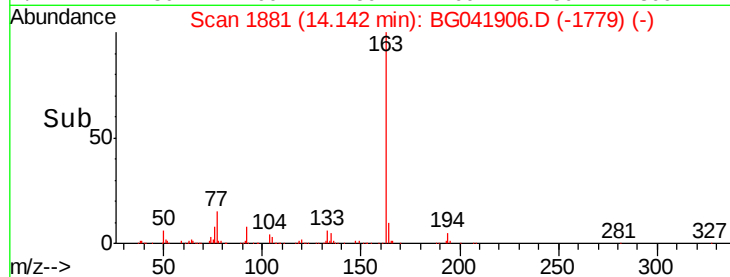
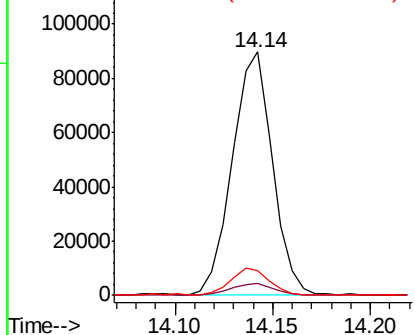
#44
 Dimethylphthalate
 Concen: 6.058 ng/ul
 RT: 14.14 min Scan# 1881
 Delta R.T. 0.00 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Instrument :
 BNA_G
 ClientSampleId :
 BENP4

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.1	7.8	11.8

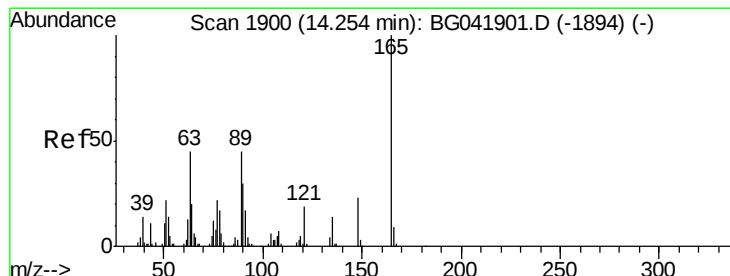


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

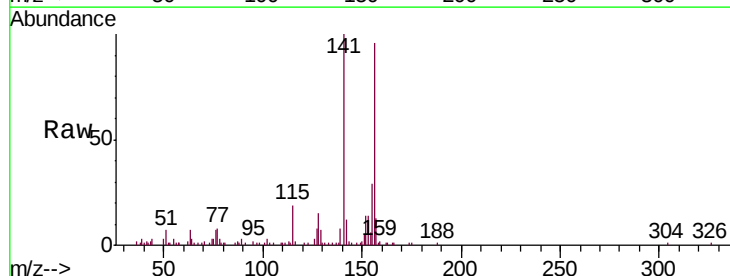
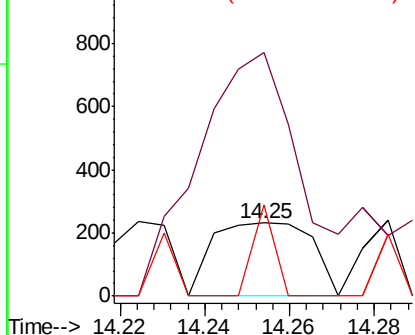


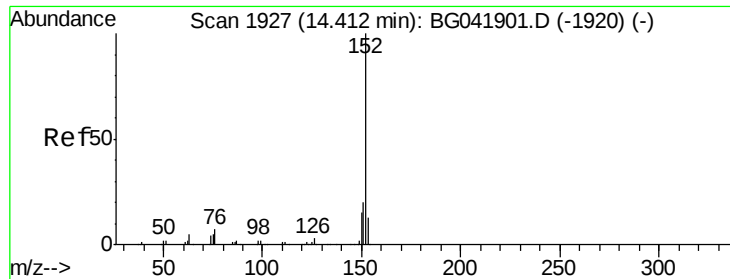
#45
 2,6-Dinitrotoluene
 Concen: 0.083 ng/ul
 RT: 14.25 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion	Ratio	Lower	Upper
165	100		
89	332.3	36.8	55.2#
121	125.0	15.6	23.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 0.896 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

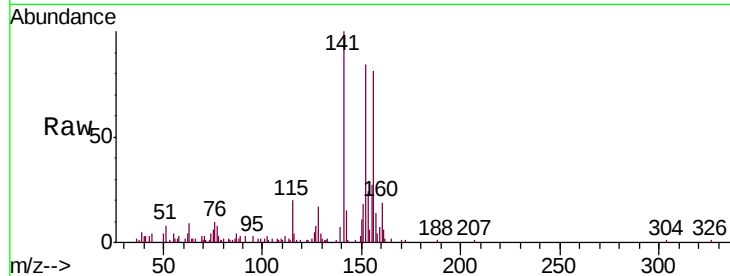
Tgt Ion:152 Resp: 21740

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

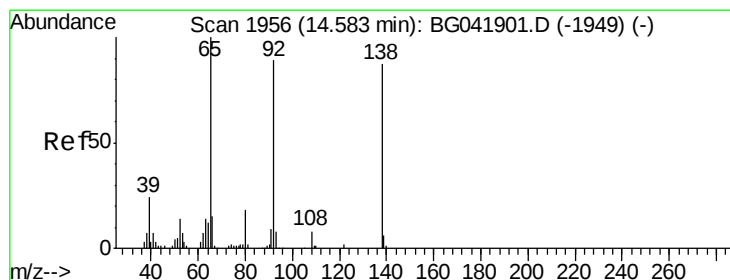
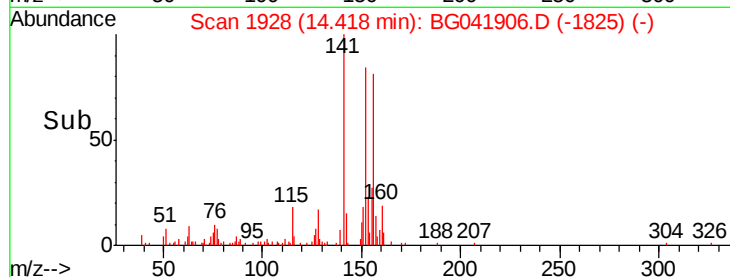
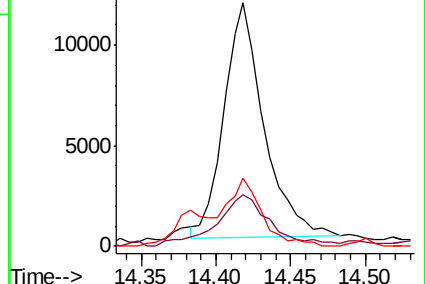
153 28.3 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 0.056 ng/ul

RT: 14.62 min Scan# 1963

Delta R.T. 0.04 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

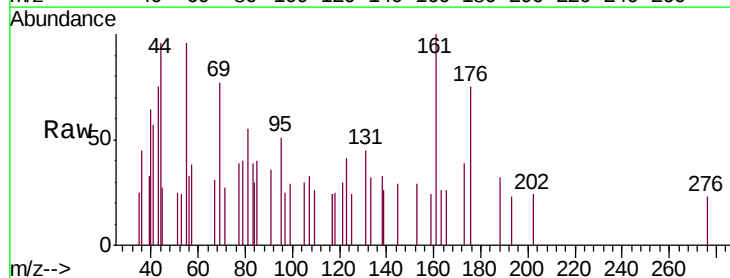
Tgt Ion:138 Resp: 202

Ion Ratio Lower Upper

138 100

108 0.0 7.6 11.4#

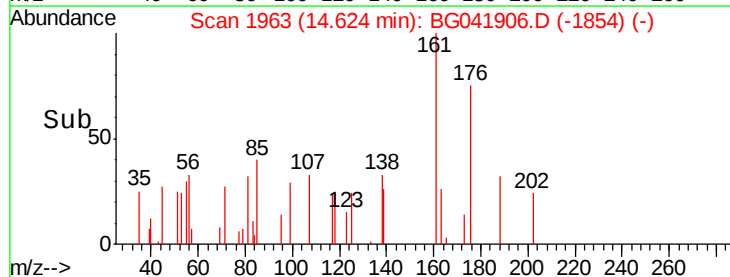
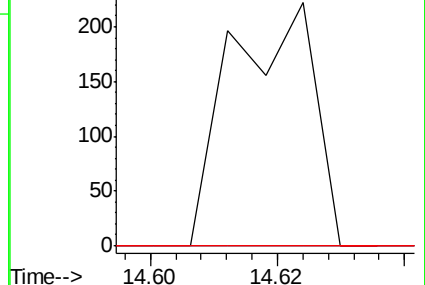
92 0.0 76.4 114.6#

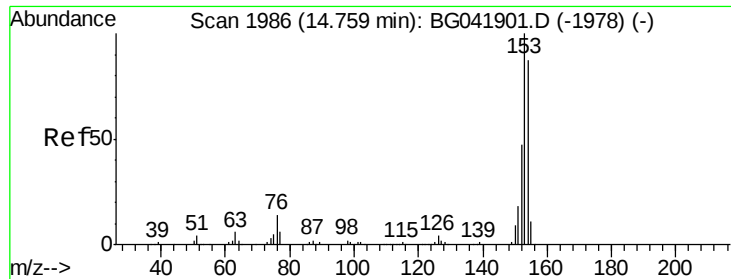


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 9.297 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

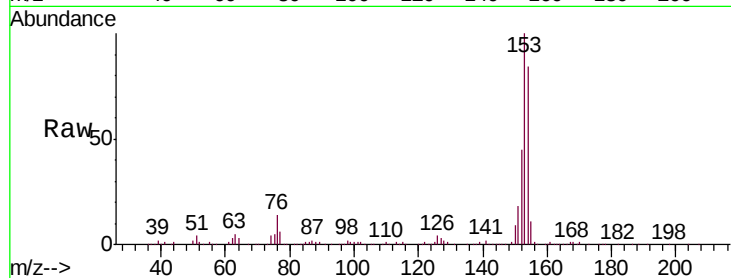
Tgt Ion:153 Resp: 157777

Ion Ratio Lower Upper

153 100

152 45.2 37.8 56.8

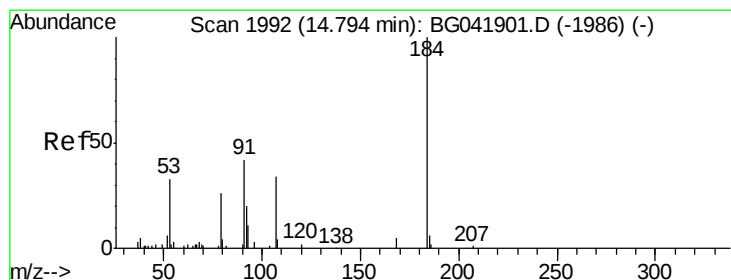
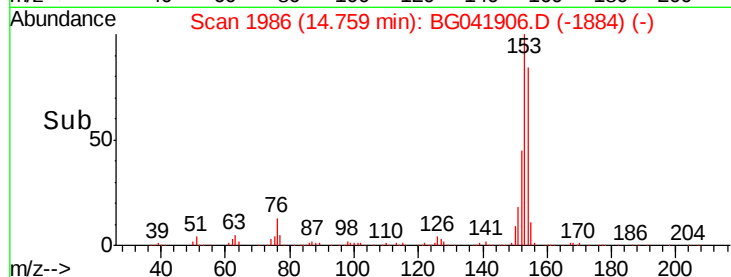
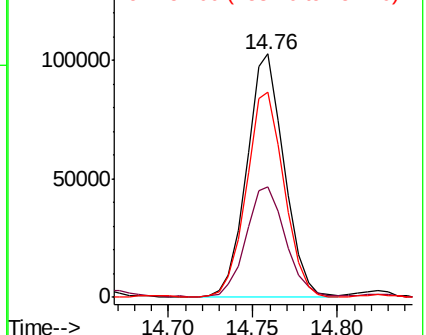
154 84.2 69.4 104.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 0.142 ng/ul

RT: 15.26 min Scan# 2071

Delta R.T. 0.46 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

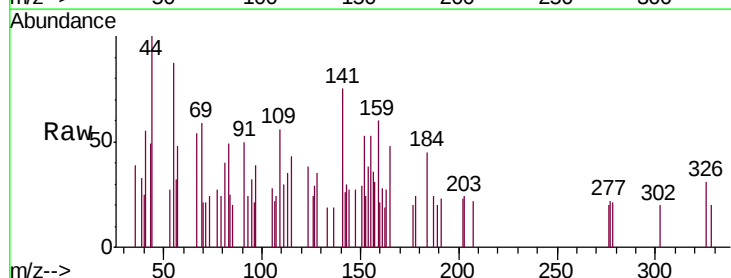
Tgt Ion:184 Resp: 354

Ion Ratio Lower Upper

184 100

63 0.0 32.6 49.0#

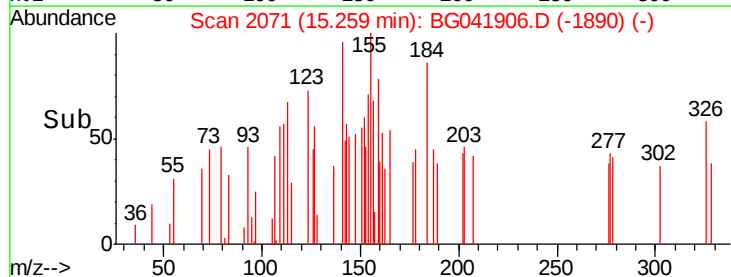
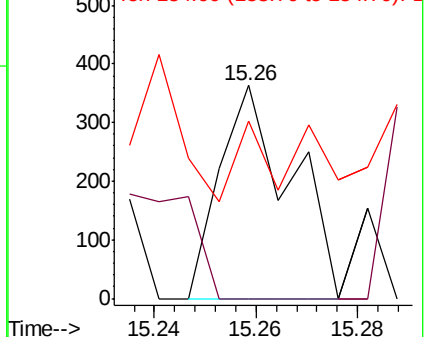
154 83.2 41.8 62.6#

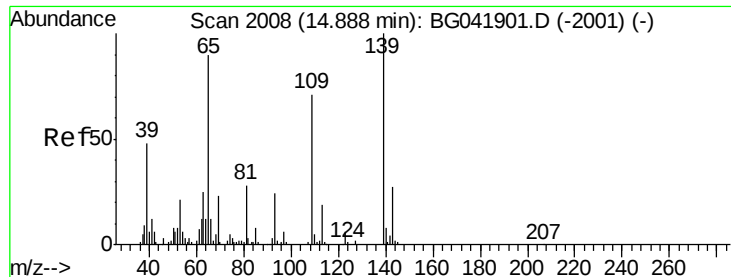


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

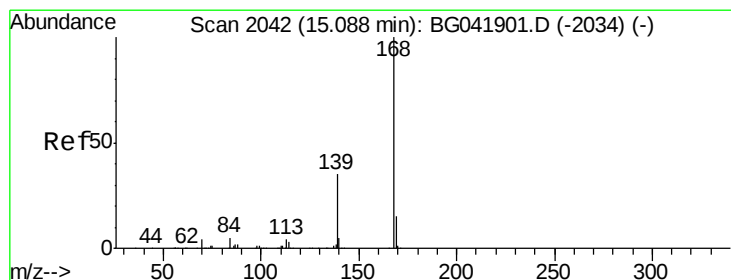
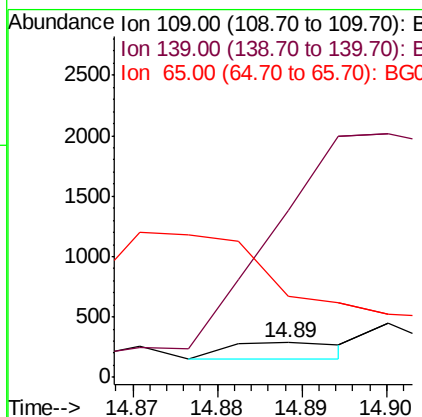
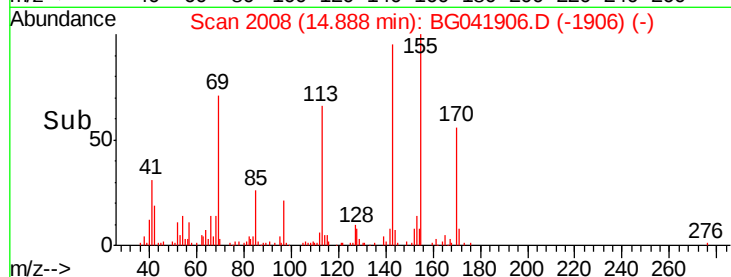
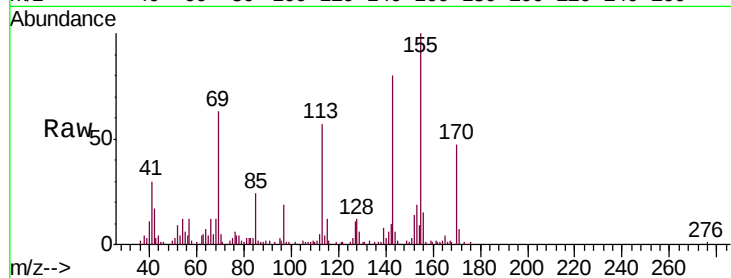




#52
4-Nitrophenol
Concen: 0.049 ng/ul
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

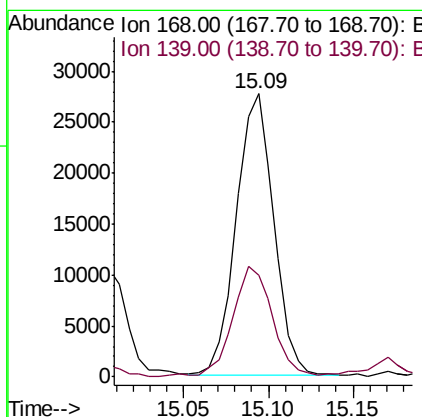
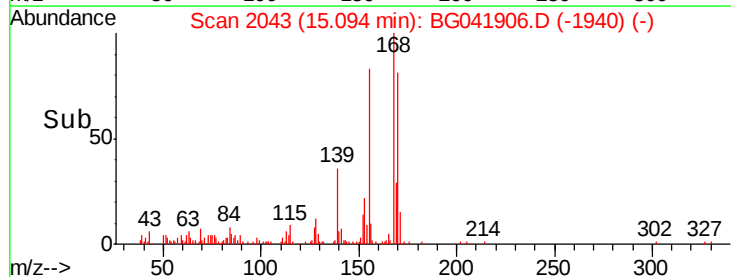
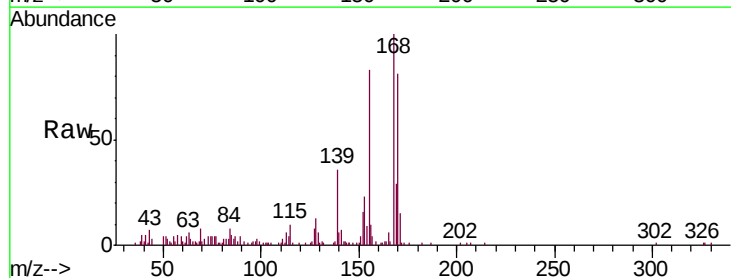
Instrument :
BNA_G
ClientSampleId :
BENP4

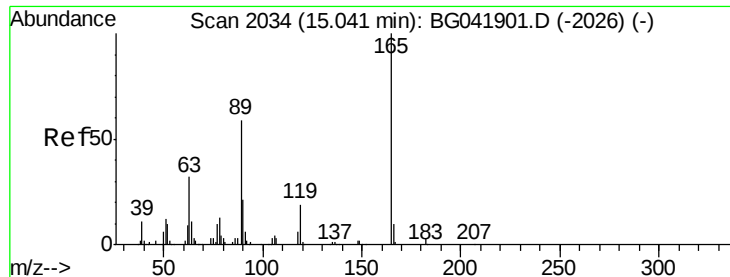
Tgt Ion:109 Resp: 128
Ion Ratio Lower Upper
109 100
139 486.3 111.8 167.6#
65 236.1 103.6 155.4#



#53
Dibenzofuran
Concen: 1.689 ng/ul
RT: 15.09 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion:168 Resp: 42788
Ion Ratio Lower Upper
168 100
139 35.8 27.3 40.9

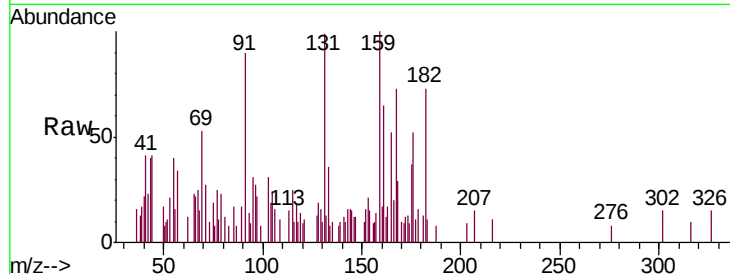




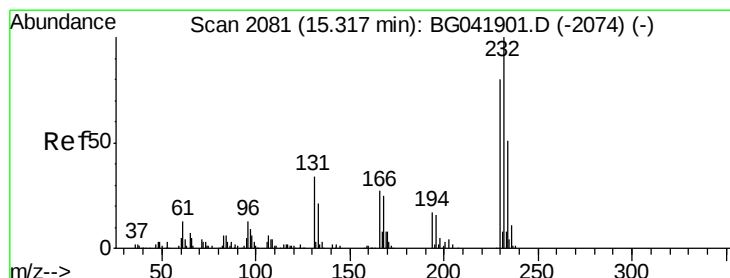
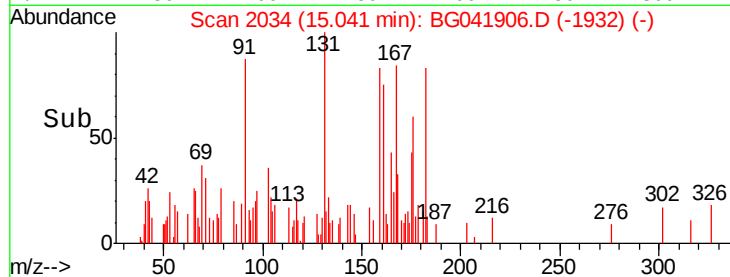
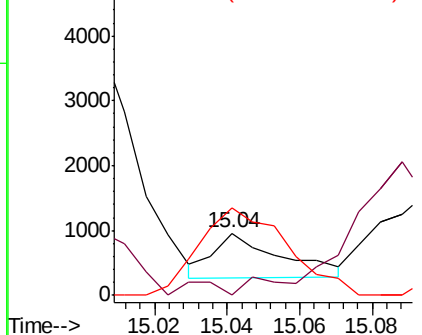
#54
2,4-Dinitrotoluene
Concen: 0.132 ng/ul
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Instrument :
BNA_G
ClientSampleId :
BENP4

Tgt Ion:165 Resp: 875
Ion Ratio Lower Upper
165 100
63 0.0 29.4 44.2#
182 140.8 2.6 4.0#

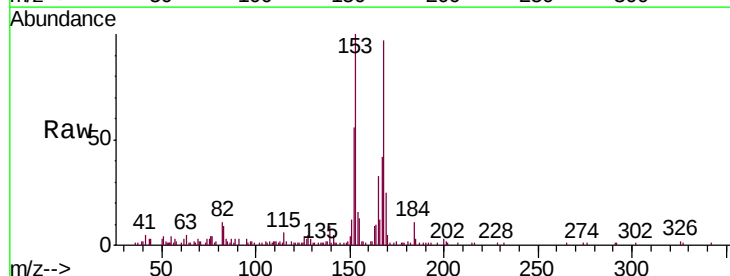


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

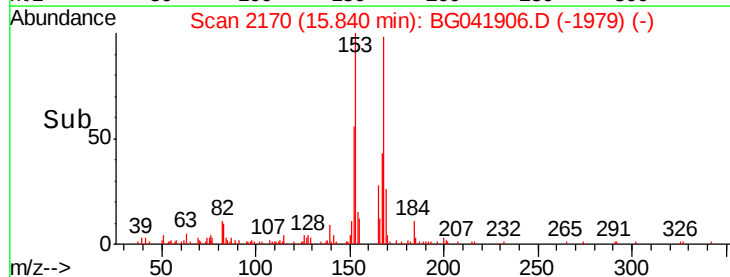
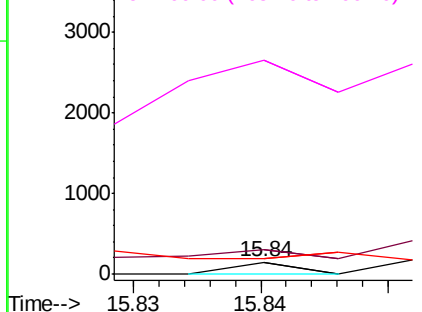


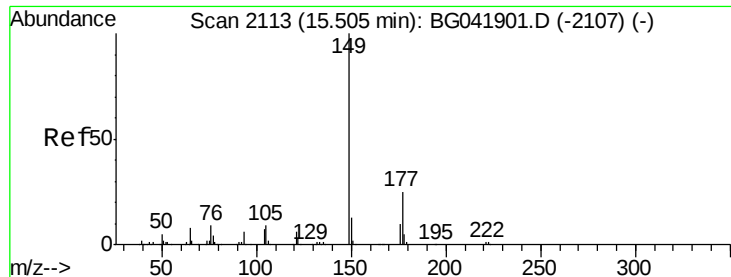
#55
2,3,4,6-Tetrachlorophenol
Concen: 0.008 ng/ul
RT: 15.84 min Scan# 2170
Delta R.T. 0.52 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion:232 Resp: 53
Ion Ratio Lower Upper
232 100
131 198.0 27.1 40.7#
130 125.2 1.3 1.9#
166 1757.0 21.4 32.0#



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

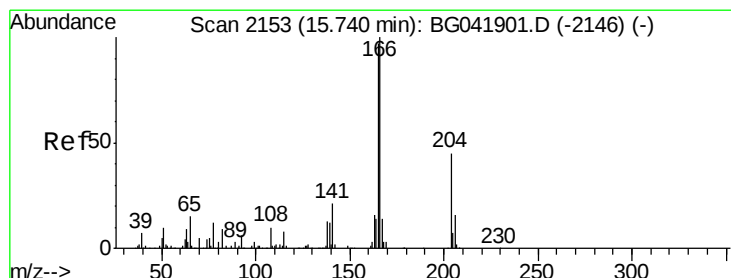
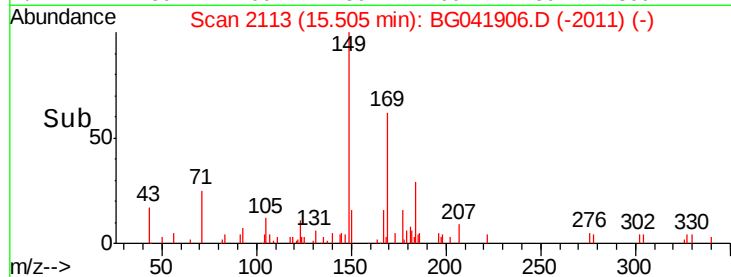
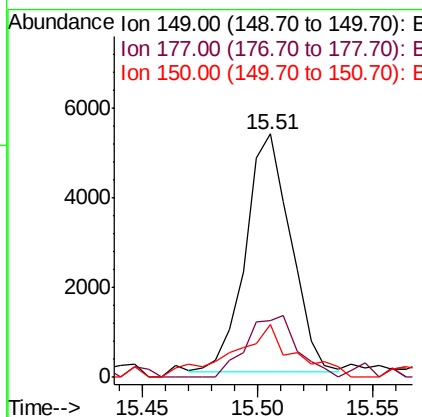
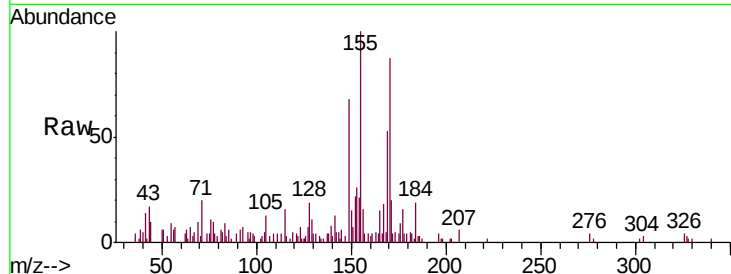




#56
Diethylphthalate
Concen: 0.349 ng/ul
RT: 15.51 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

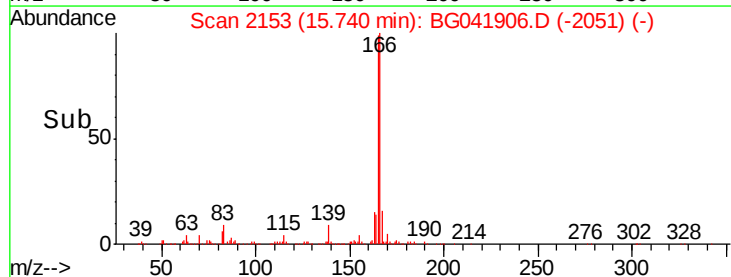
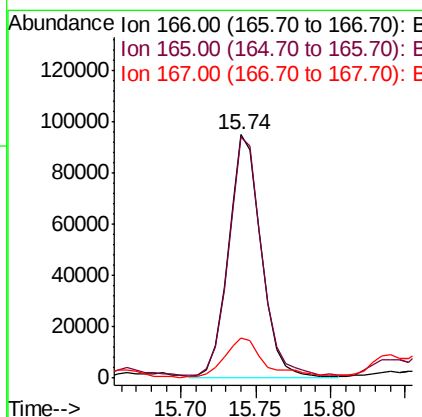
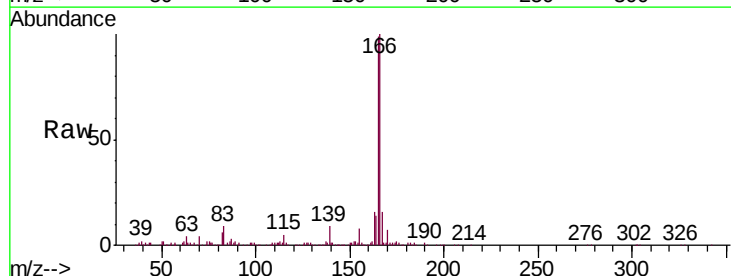
Instrument :
BNA_G
ClientSampleId :
BENP4

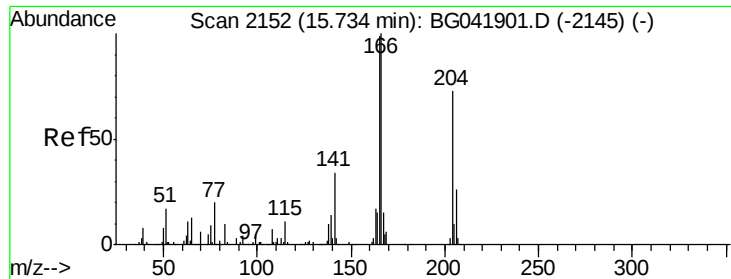
Tgt Ion:149 Resp: 7252
Ion Ratio Lower Upper
149 100
177 23.1 19.4 29.2
150 21.8 10.2 15.4#



#58
Fluorene
Concen: 7.052 ng/ul
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion:166 Resp: 143862
Ion Ratio Lower Upper
166 100
165 98.7 81.1 121.7
167 16.3 11.0 16.4

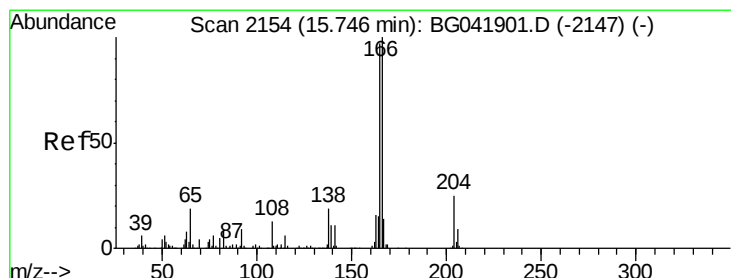
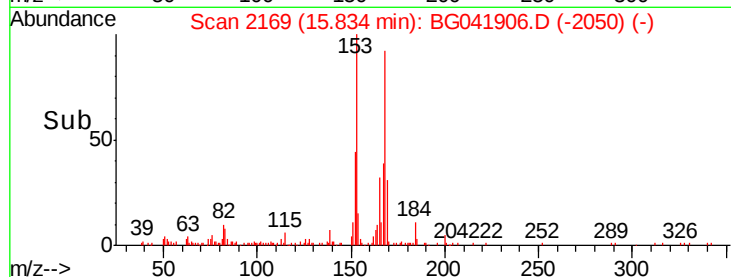
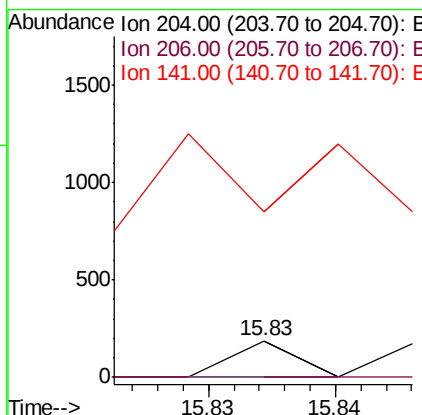
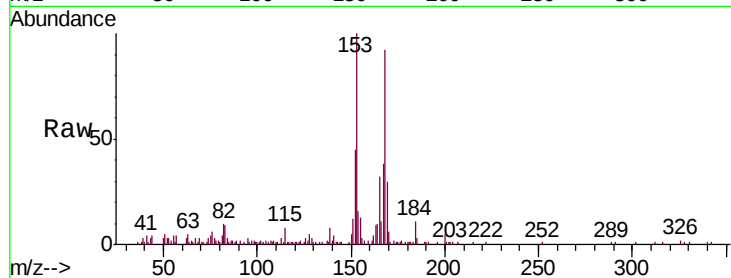




#59
 4-Chlorophenyl-phenylether
 Concen: 0.006 ng/ul
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.10 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

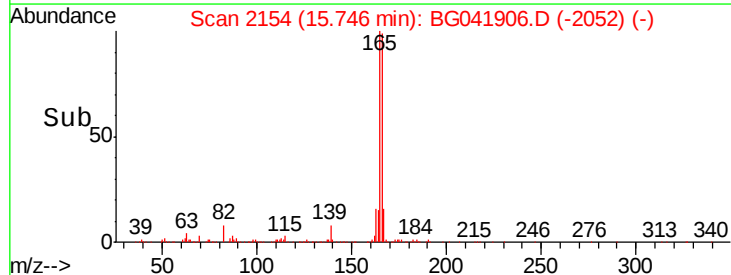
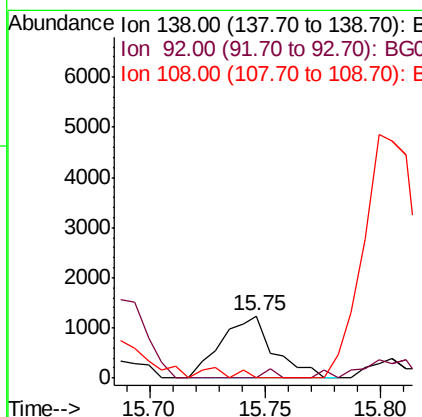
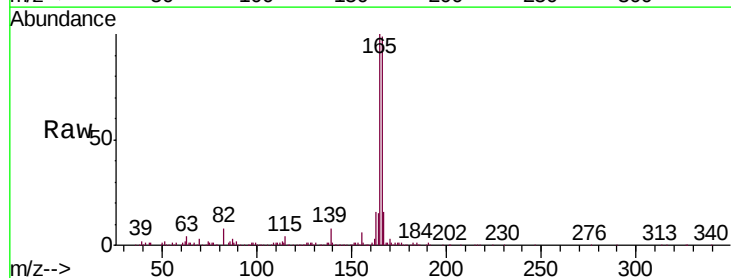
Instrument :
 BNA_G
 ClientSampleId :
 BENP4

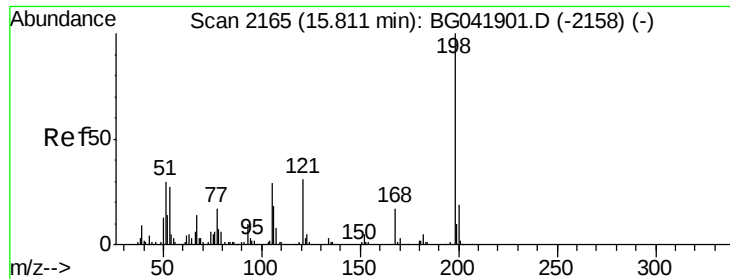
Tgt Ion:204 Resp: 66
 Ion Ratio Lower Upper
 204 100
 206 0.0 27.6 41.4#
 141 453.2 39.0 58.6#



#60
 4-Nitroaniline
 Concen: 0.483 ng/ul
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion:138 Resp: 1953
 Ion Ratio Lower Upper
 138 100
 92 0.0 34.6 51.8#
 108 0.0 54.2 81.2#

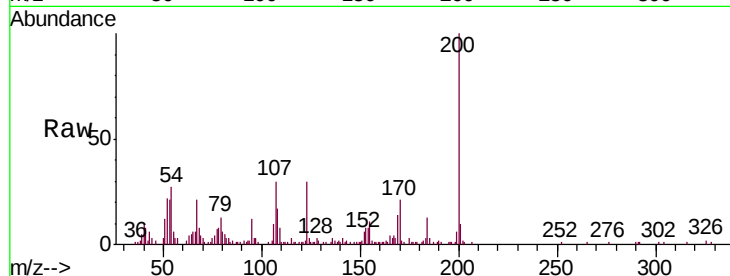




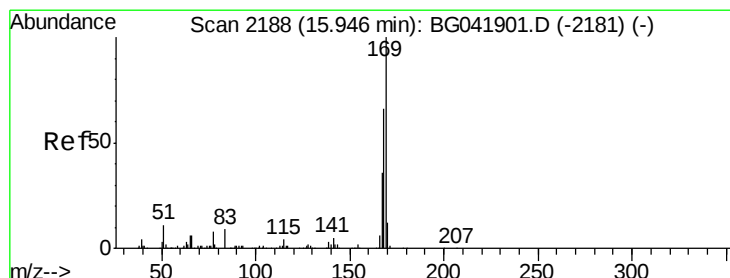
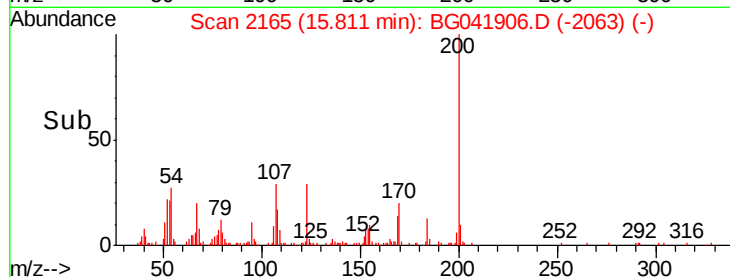
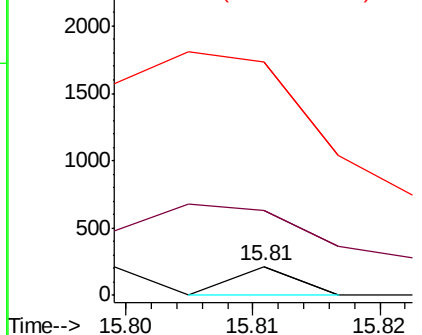
#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.021 ng/ul
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Instrument :
 BNA_G
 ClientSampleId :
 BENP4

Tgt Ion:198 Resp: 76
 Ion Ratio Lower Upper
 198 100
 182 291.2 3.4 5.0#
 77 806.0 13.2 19.8#

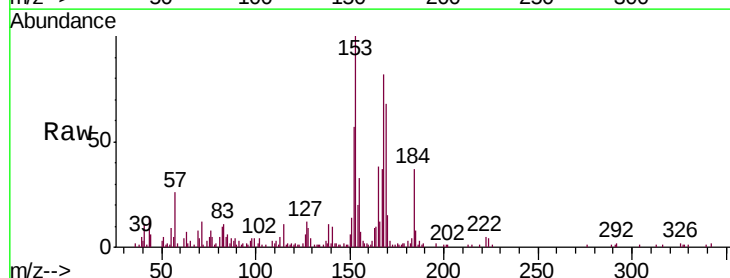


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BGC

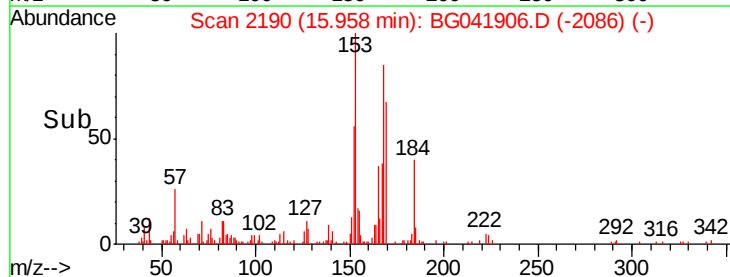
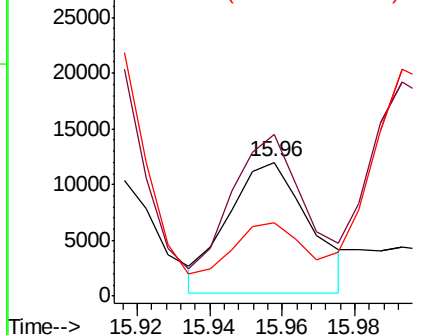


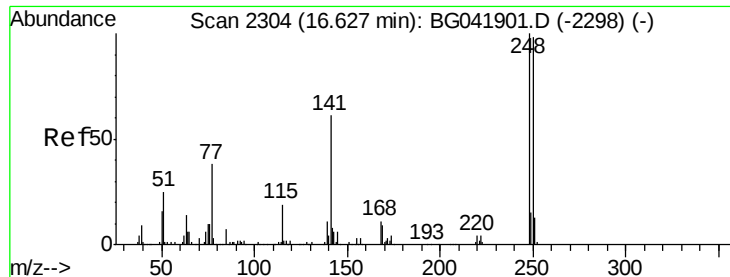
#64
 N-Nitrosodiphenylamine
 Concen: 1.150 ng/ul
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.01 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion:169 Resp: 18167
 Ion Ratio Lower Upper
 169 100
 168 120.3 55.0 82.4#
 167 54.8 29.5 44.3#



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

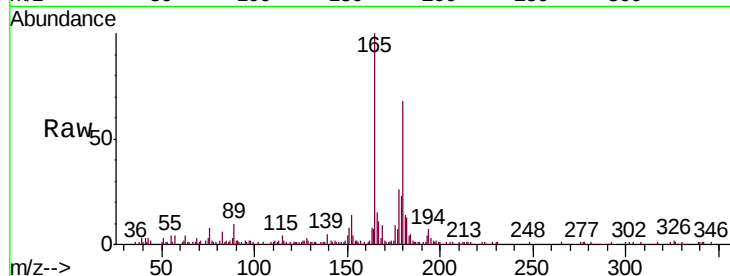




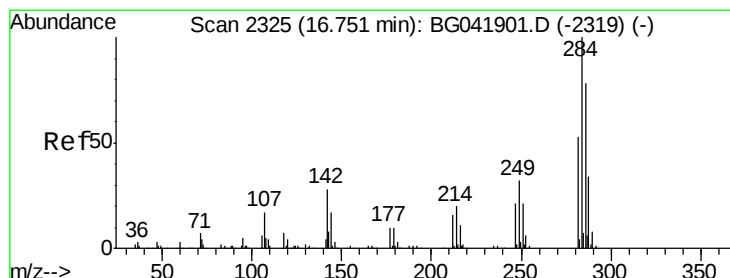
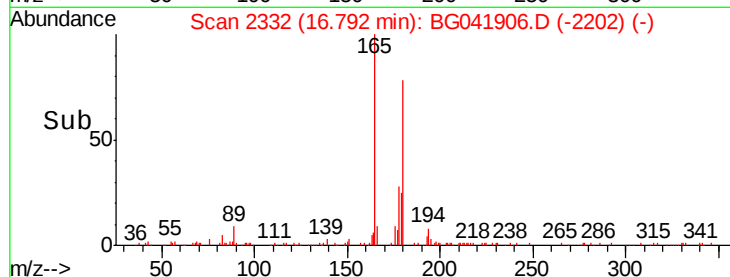
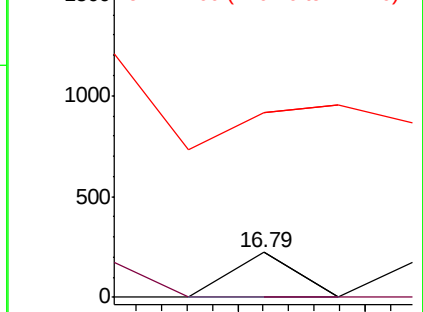
#65
4-Bromophenyl-phenylether
Concen: 0.011 ng/ul
RT: 16.79 min Scan# 2332
Delta R.T. 0.16 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Instrument :
BNA_G
ClientSampleId :
BENP4

Tgt Ion:248 Resp: 78
Ion Ratio Lower Upper
248 100
250 0.0 76.1 114.1#
141 413.5 46.8 70.2#

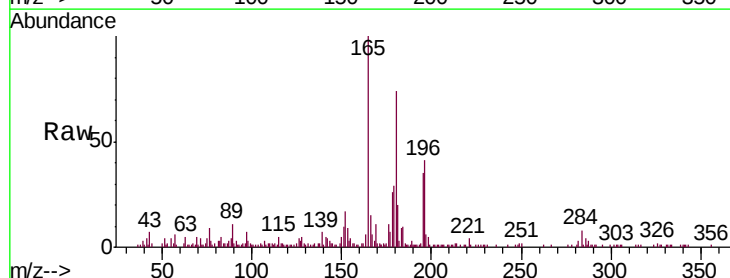


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

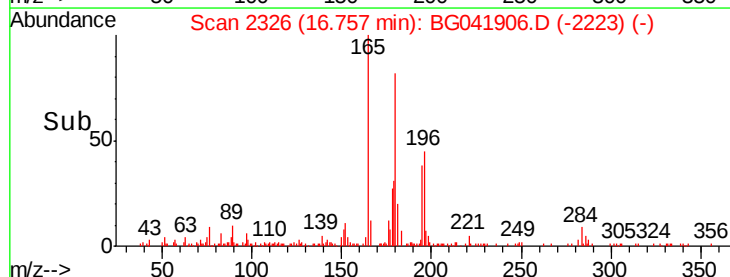
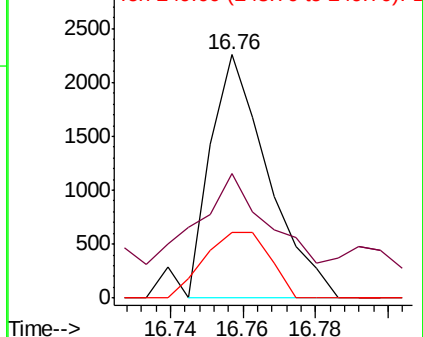


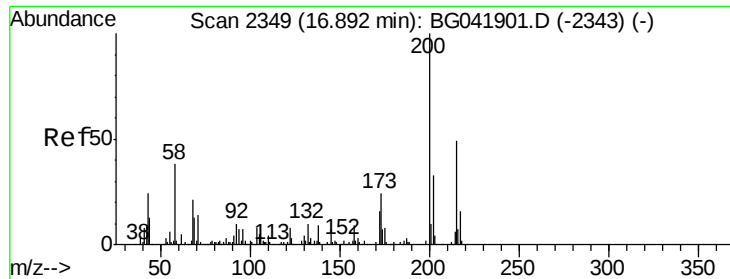
#66
Hexachlorobenzene
Concen: 0.352 ng/ul
RT: 16.76 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion:284 Resp: 2488
Ion Ratio Lower Upper
284 100
142 51.1 24.4 36.6#
249 26.8 27.2 40.8#



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

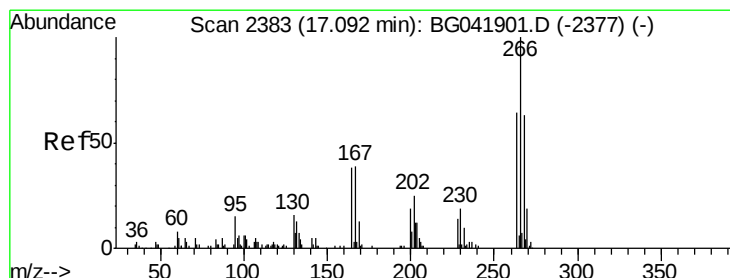
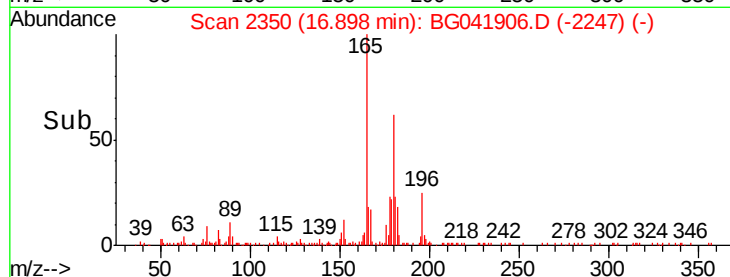
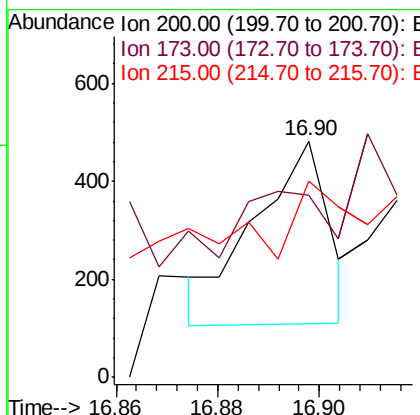
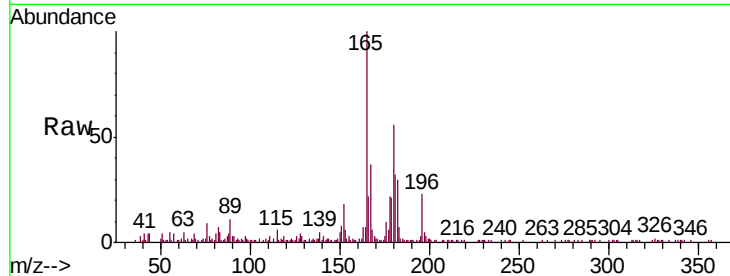




#67
Atrazine
Concen: 0.057 ng/ul
RT: 16.90 min Scan# 2350
Delta R.T. 0.01 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

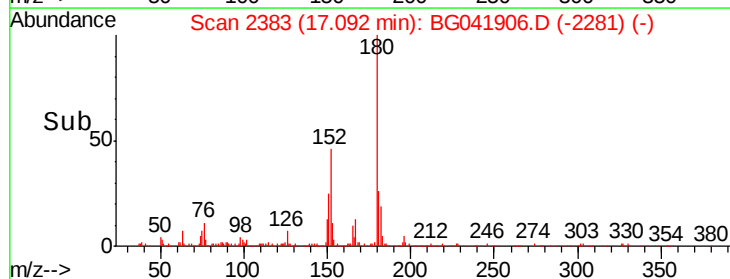
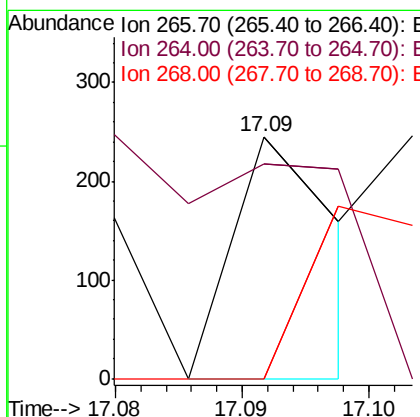
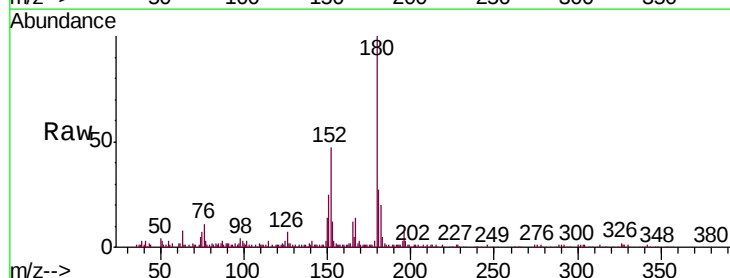
Instrument :
BNA_G
ClientSampled :
BENP4

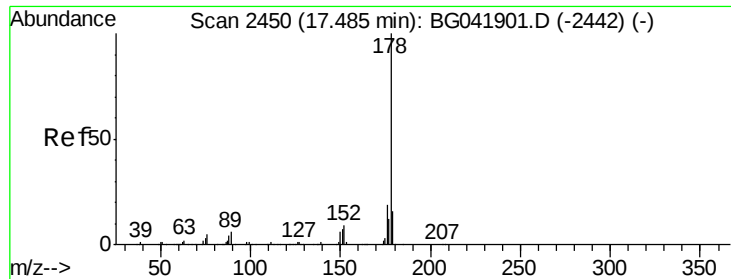
Tgt Ion:200 Resp: 376
Ion Ratio Lower Upper
200 100
173 77.2 19.0 28.6#
215 83.4 43.0 64.6#



#68
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion:266 Resp: 142
Ion Ratio Lower Upper
266 100
264 89.0 52.3 78.5#
268 0.0 53.2 79.8#





#69

Phenanthrene

Concen: 20.762 ng/ul

RT: 17.58 min Scan# 2466

Delta R.T. 0.09 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

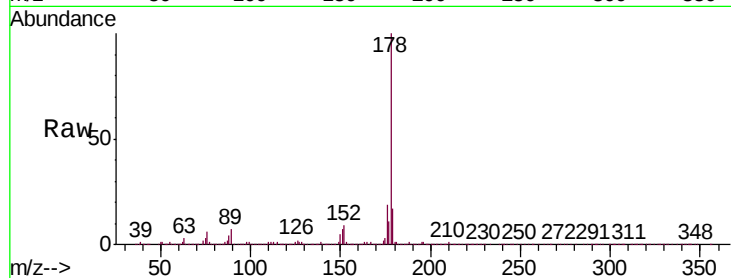
Tgt Ion:178 Resp: 604995

Ion Ratio Lower Upper

178 100

179 16.9 12.8 19.2

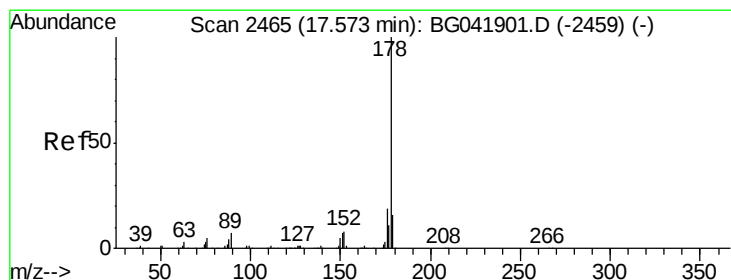
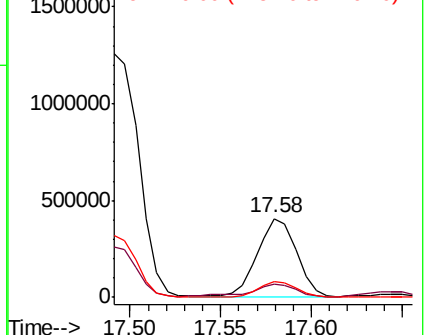
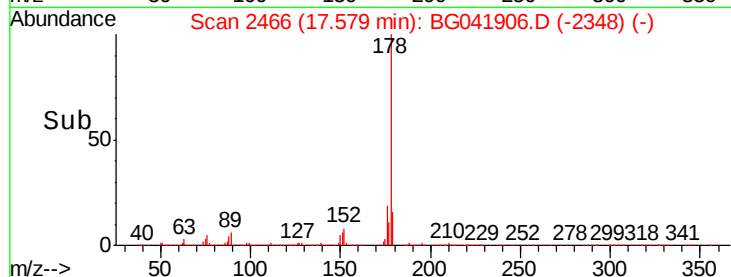
176 19.5 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.470 ng/ul

RT: 17.58 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

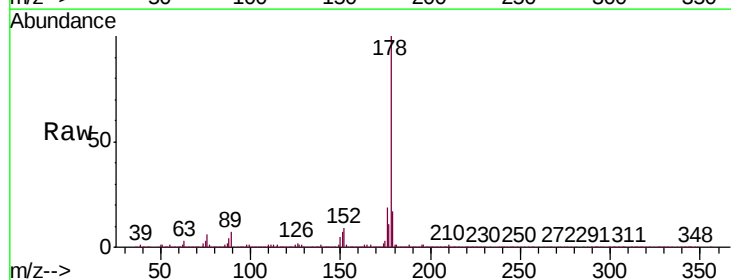
Tgt Ion:178 Resp: 604995

Ion Ratio Lower Upper

178 100

179 16.9 13.4 20.0

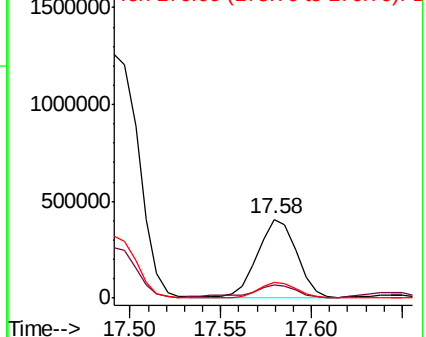
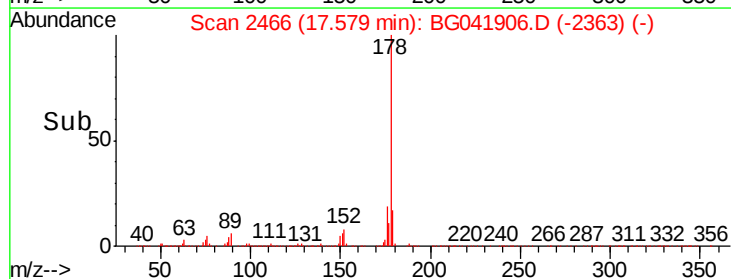
176 19.5 15.4 23.2

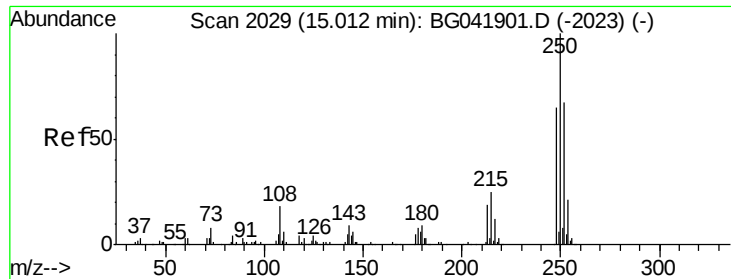


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Pentachlorobenzene

Concen: 0.021 ng/uL

RT: 15.02 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

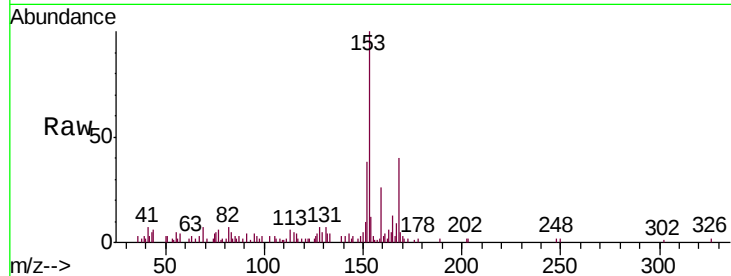
Tgt Ion:250 Resp: 178

Ion Ratio Lower Upper

250 100

248 67.6 50.9 76.3

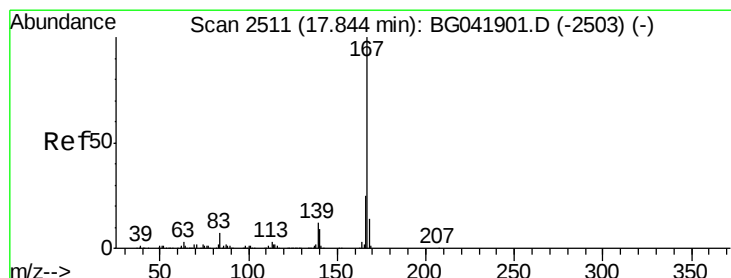
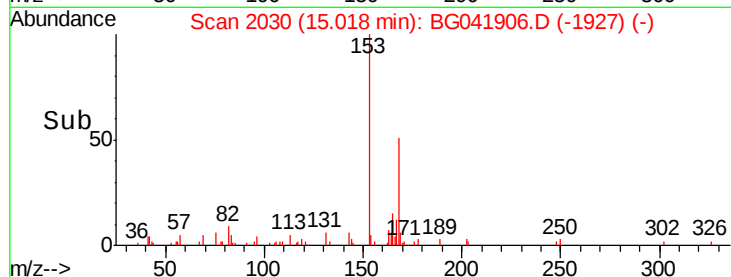
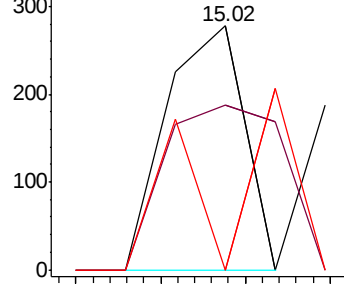
252 0.0 52.0 78.0#



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#74

Carbazole

Concen: 2.802 ng/uL

RT: 17.84 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

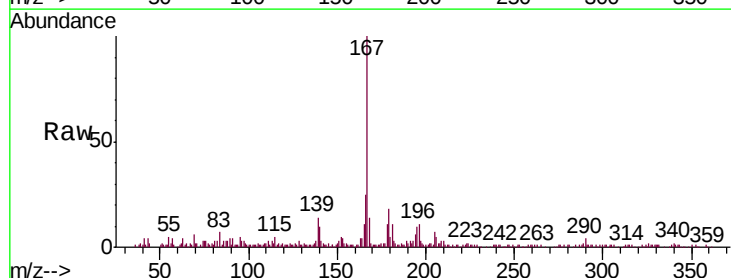
Tgt Ion:167 Resp: 68595

Ion Ratio Lower Upper

167 100

166 25.1 18.2 27.4

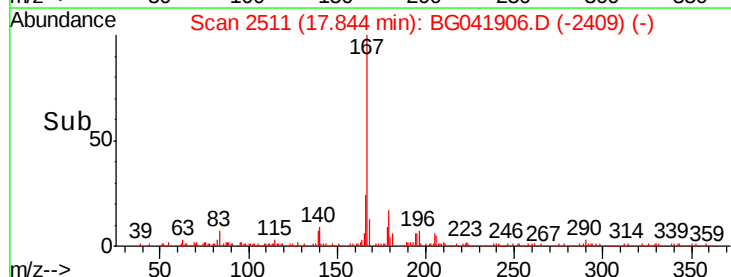
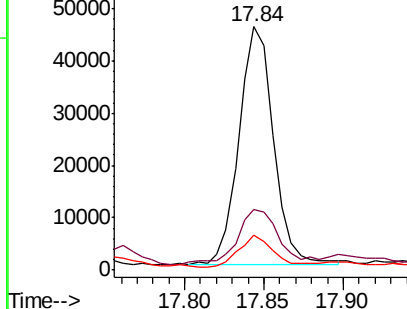
139 14.3 9.6 14.4

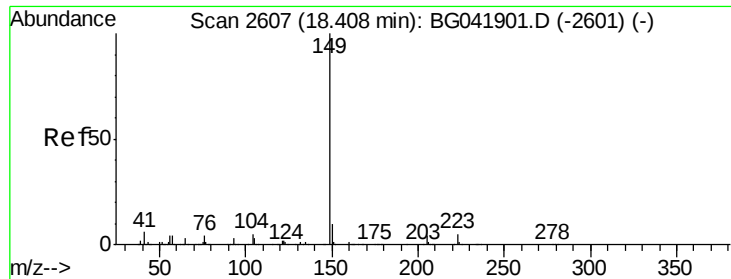


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Di-n-butylphthalate

Concen: 32.661 ng/ul

RT: 18.41 min Scan# 2608

Delta R.T. 0.01 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

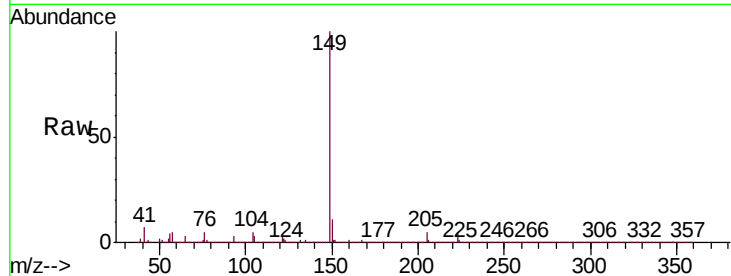
Tgt Ion:149 Resp: 985479

Ion Ratio Lower Upper

149 100

150 11.0 8.3 12.5

104 5.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.41

800000

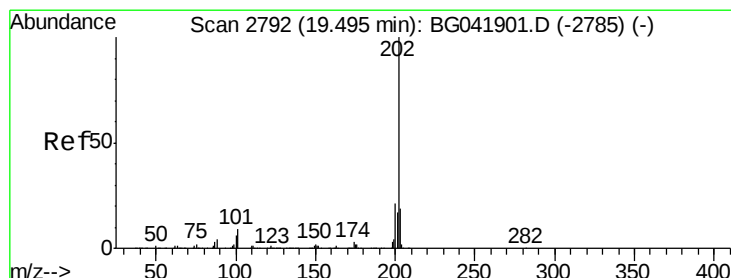
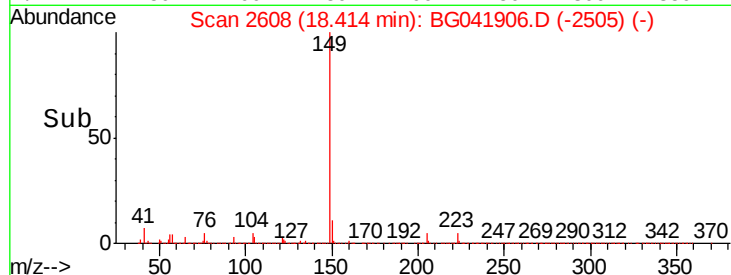
600000

400000

200000

0

Time--> 18.35 18.40 18.45



#76

Fluoranthene

Concen: 73.879 ng/ul

RT: 19.51 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

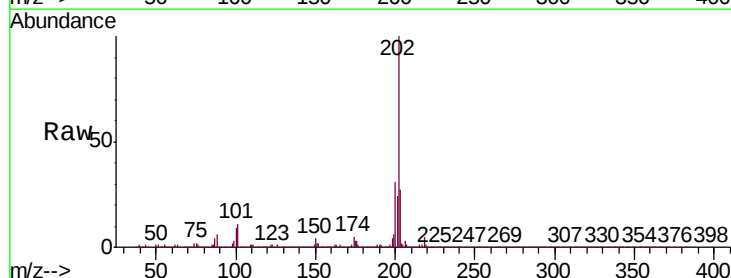
Tgt Ion:202 Resp: 2487408

Ion Ratio Lower Upper

202 100

101 11.1 6.7 10.1#

100 8.6 5.3 7.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

19.51

2000000

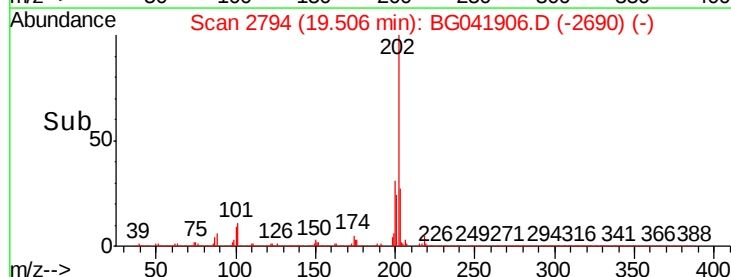
1500000

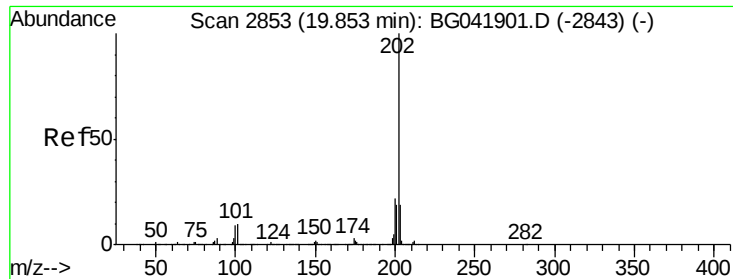
1000000

500000

0

Time--> 19.45 19.50 19.55

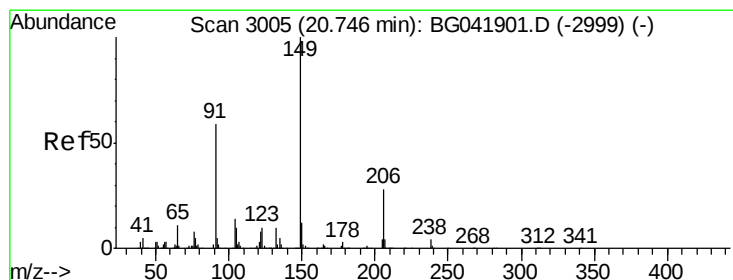
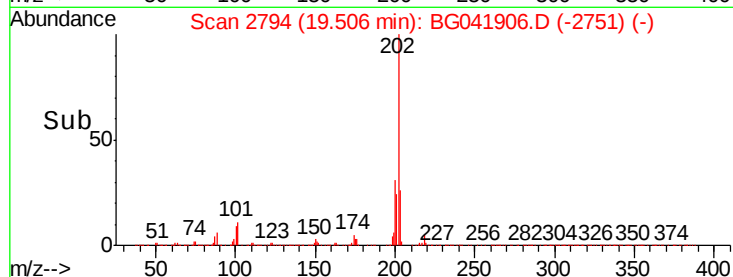
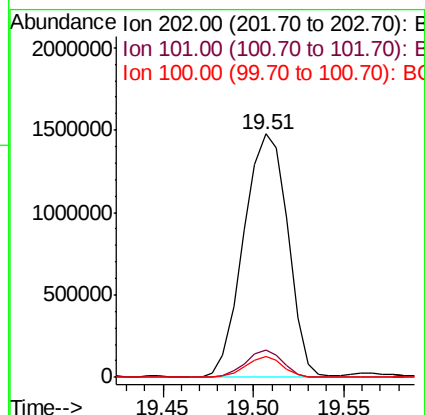
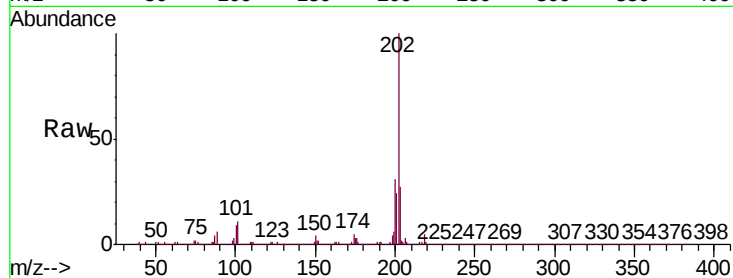




#79
 Pyrene
 Concen: 68.028 ng/ul
 RT: 19.51 min Scan# 2794
 Delta R.T. -0.35 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

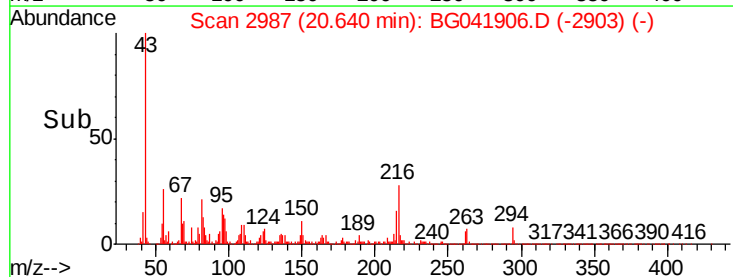
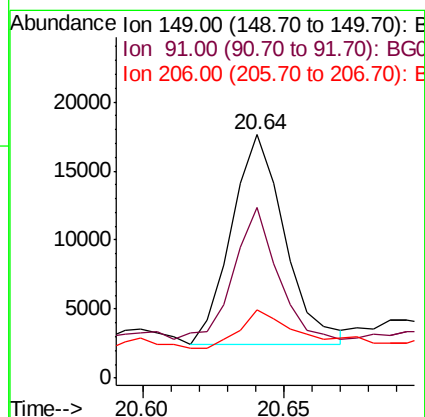
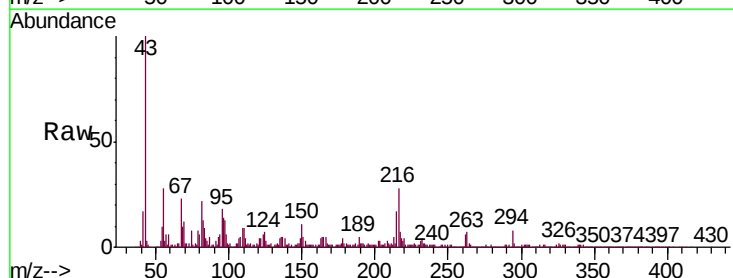
Instrument :
 BNA_G
 ClientSampleId :
 BENP4

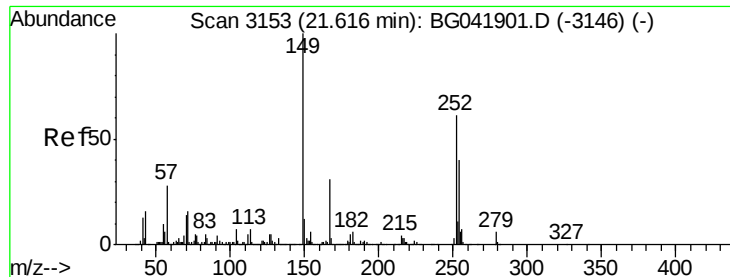
Tgt Ion: 202 Resp: 2487408
 Ion Ratio Lower Upper
 202 100
 101 11.1 7.6 11.4
 100 8.6 6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 1.385 ng/ul
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.11 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion: 149 Resp: 19940
 Ion Ratio Lower Upper
 149 100
 91 69.9 49.5 74.3
 206 27.8 21.3 31.9

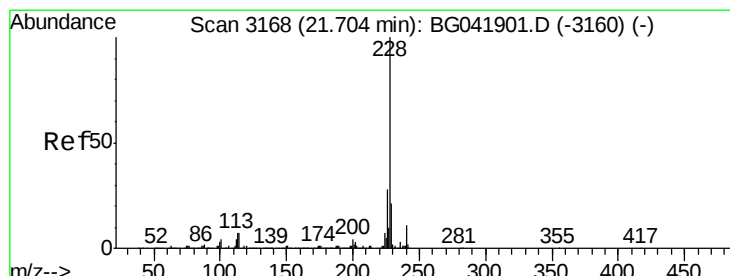
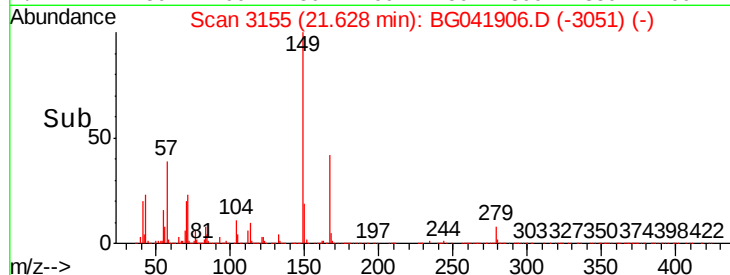
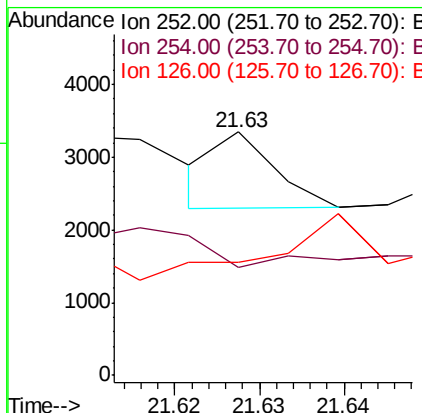
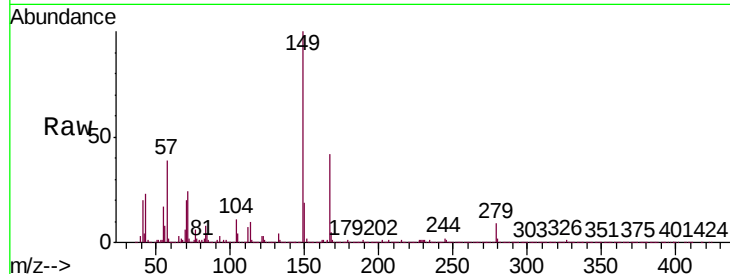




#81
 3,3'-Dichlorobenzidine
 Concen: 0.040 ng/ul
 RT: 21.63 min Scan# 3155
 Delta R.T. 0.01 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

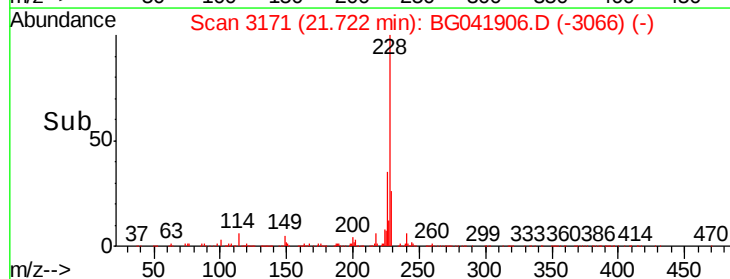
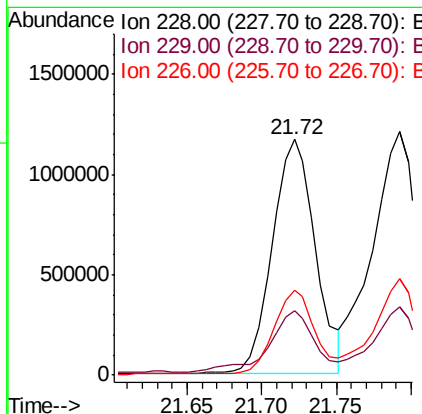
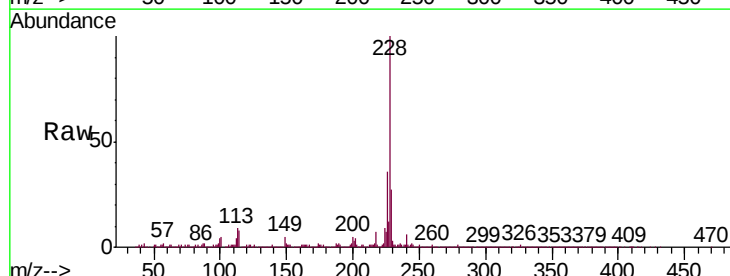
Instrument :
 BNA_G
 ClientSampled :
 BENP4

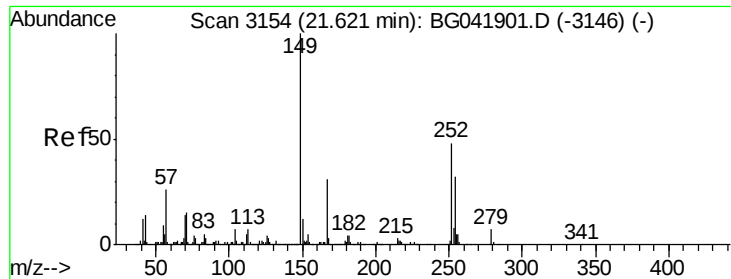
Tgt Ion:252 Resp: 497
 Ion Ratio Lower Upper
 252 100
 254 44.5 53.1 79.7#
 126 46.4 6.9 10.3#



#82
 Benzo(a)anthracene
 Concen: 62.293 ng/ul
 RT: 21.72 min Scan# 3171
 Delta R.T. 0.02 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion:228 Resp: 2347786
 Ion Ratio Lower Upper
 228 100
 229 27.5 17.0 25.6#
 226 35.9 23.3 34.9#

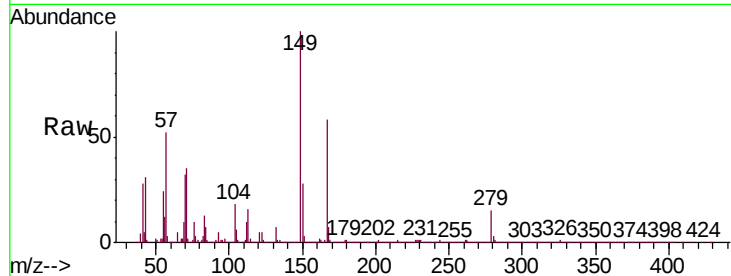




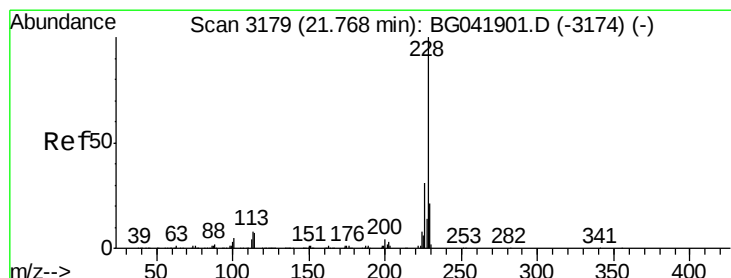
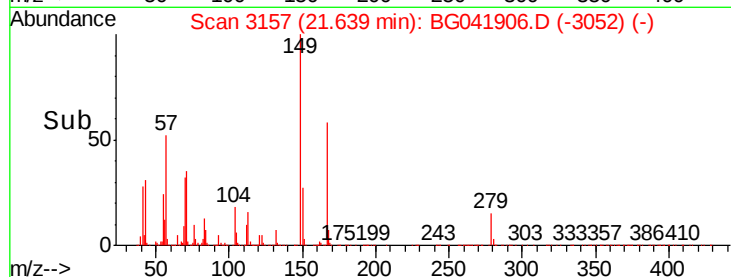
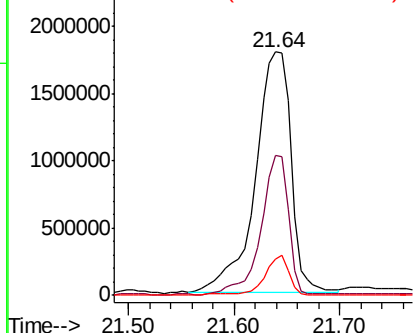
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 213.871 ng/ul
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.02 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Instrument :
 BNA_G
 ClientSampled :
 BENP4

Tgt Ion:149 Resp: 4199789
 Ion Ratio Lower Upper
 149 100
 167 57.6 25.0 37.4#
 279 14.8 5.2 7.8#

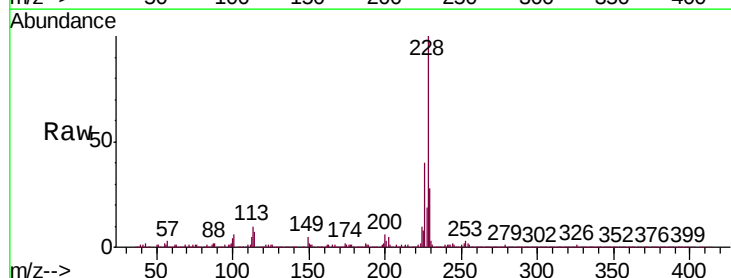


Abundance Ion 149.00 (148.70 to 149.70): E
 2500000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

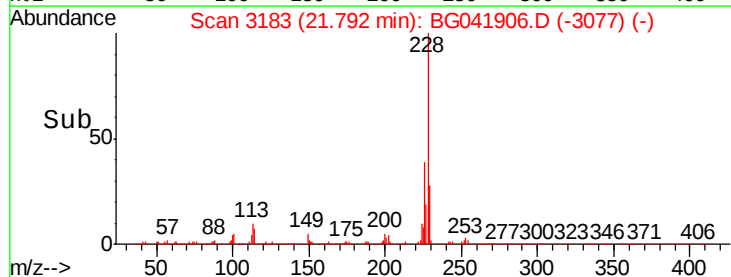
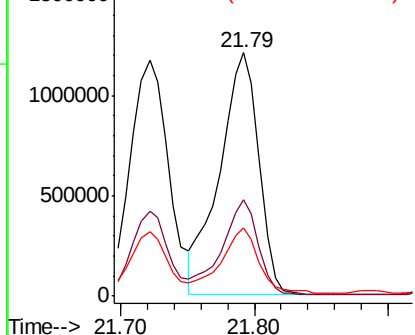


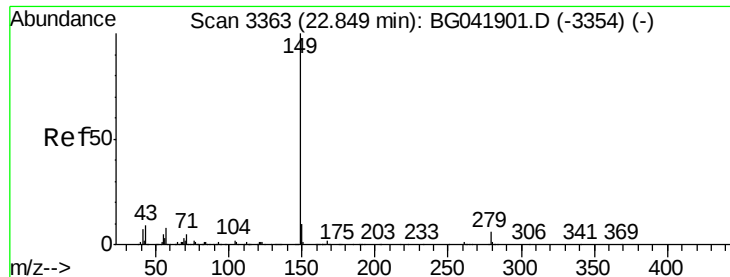
#84
 Chrysene
 Concen: 70.521 ng/ul
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.02 min
 Lab File: BG041906.D
 Acq: 3 Aug 2019 12:43

Tgt Ion:228 Resp: 2480713
 Ion Ratio Lower Upper
 228 100
 226 39.5 25.7 38.5#
 229 28.2 16.6 24.8#



Abundance Ion 228.00 (227.70 to 228.70): E
 1500000
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#86

Di-n-octyl phthalate

Concen: 1.540 ng/ul

RT: 22.66 min Scan# 3331

Delta R.T. -0.19 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

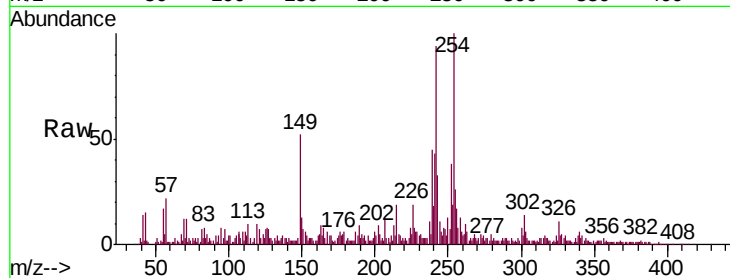
Instrument :

BNA_G

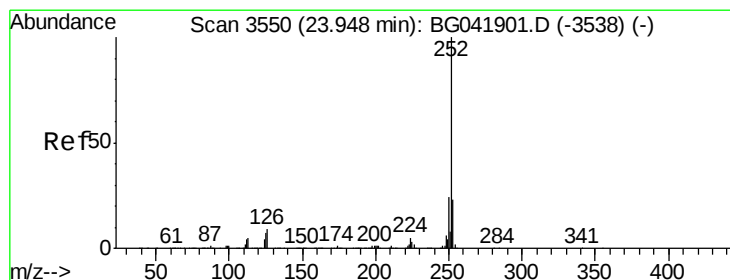
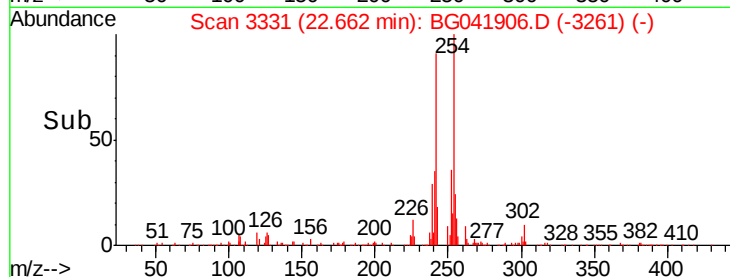
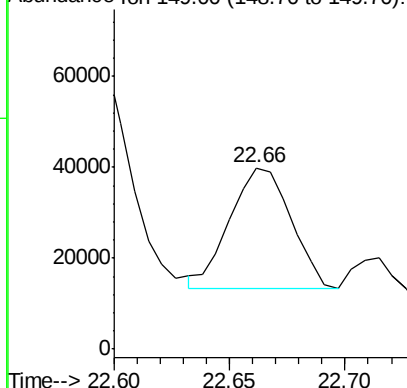
ClientSampleId :

BENP4

Tgt Ion:149 Resp: 48637



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 57.801 ng/ul

RT: 24.00 min Scan# 3558

Delta R.T. 0.05 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

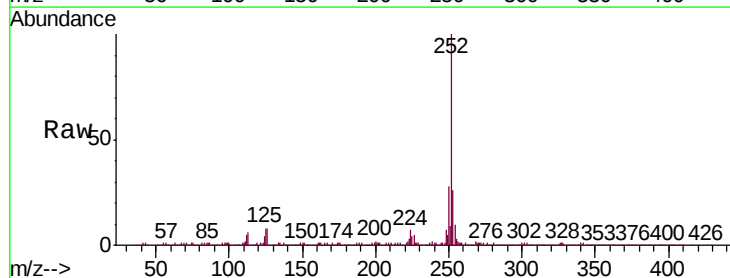
Tgt Ion:252 Resp: 2315242

Ion Ratio Lower Upper

252 100

253 25.7 18.4 27.6

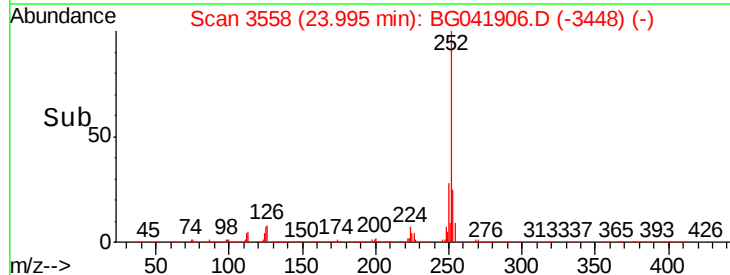
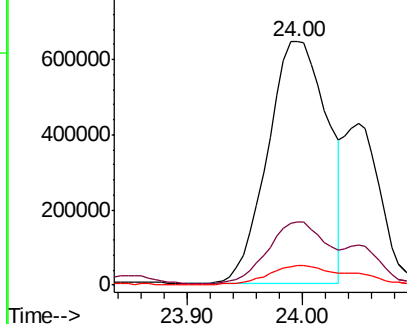
125 7.9 5.8 8.8

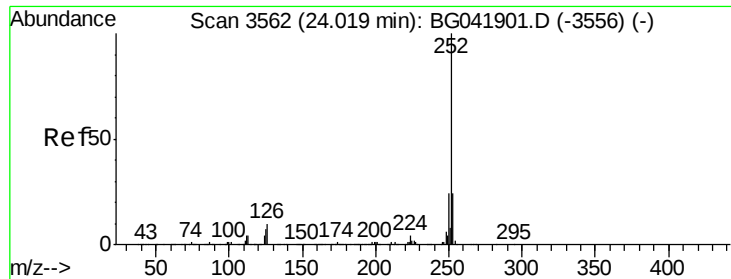


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 60.116 ng/u1

RT: 24.00 min Scan# 3558

Delta R.T. -0.02 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4

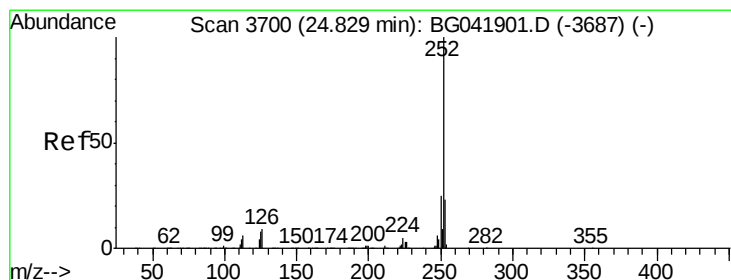
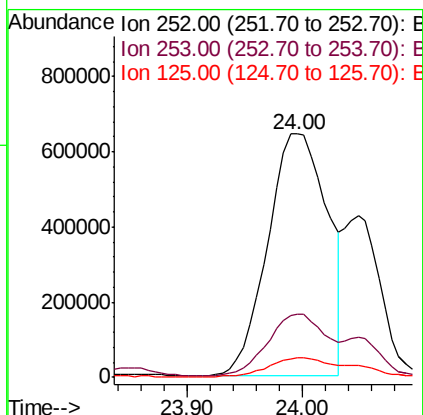
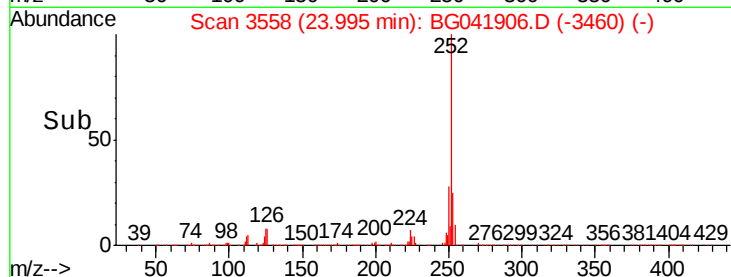
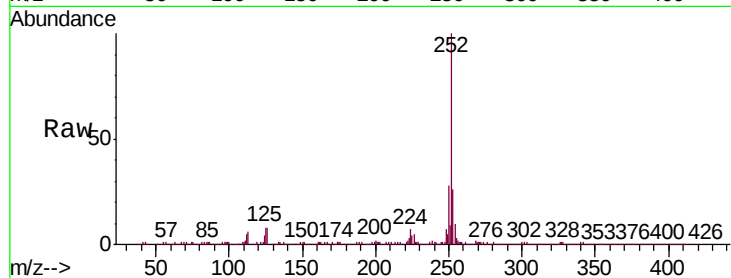
Tgt Ion:252 Resp: 2315242

Ion Ratio Lower Upper

252 100

253 25.7 18.3 27.5

125 7.9 5.5 8.3



#90

Benzo(a)pyrene

Concen: 52.692 ng/u1

RT: 24.88 min Scan# 3708

Delta R.T. 0.05 min

Lab File: BG041906.D

Acq: 3 Aug 2019 12:43

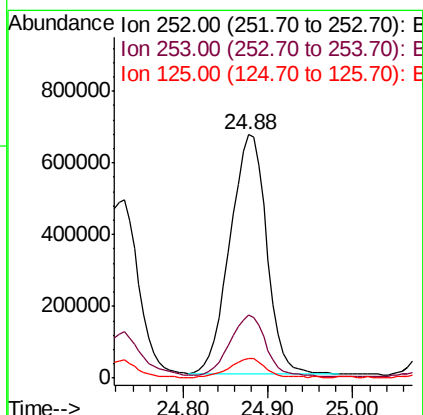
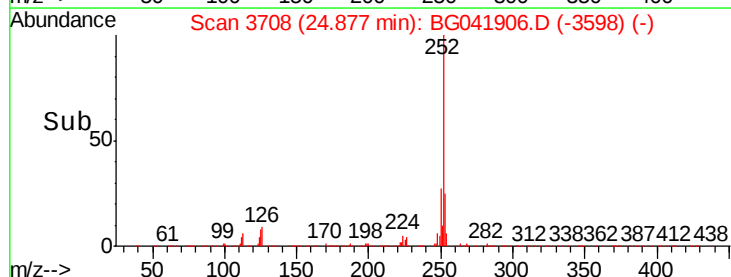
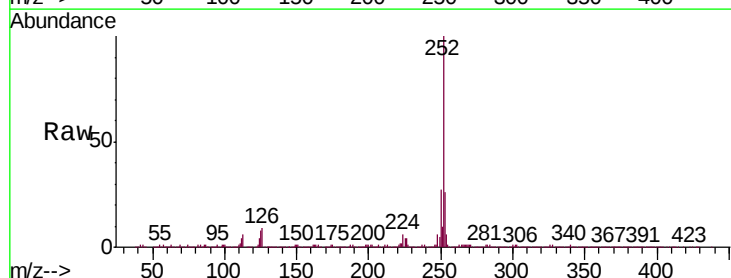
Tgt Ion:252 Resp: 2011226

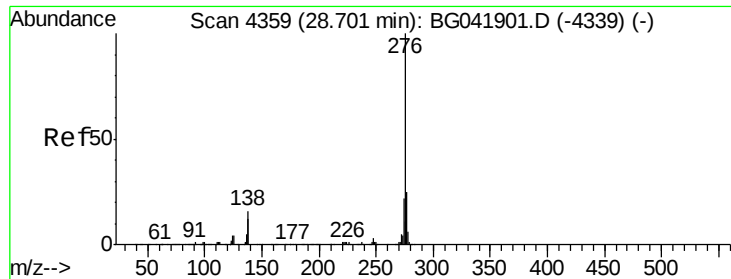
Ion Ratio Lower Upper

252 100

253 25.9 18.3 27.5

125 8.2 6.5 9.7



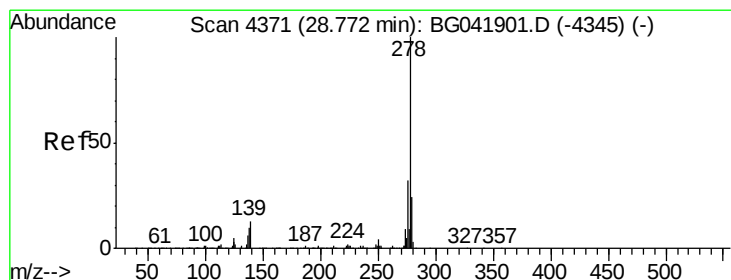
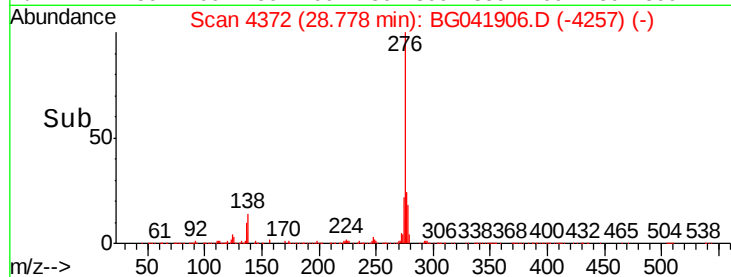
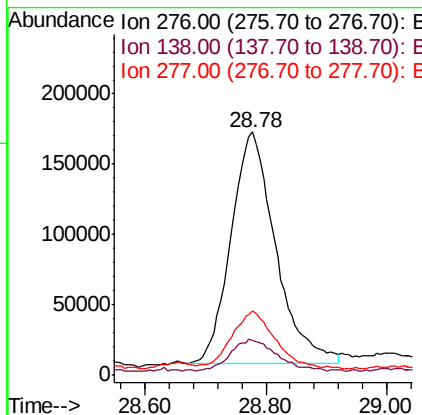
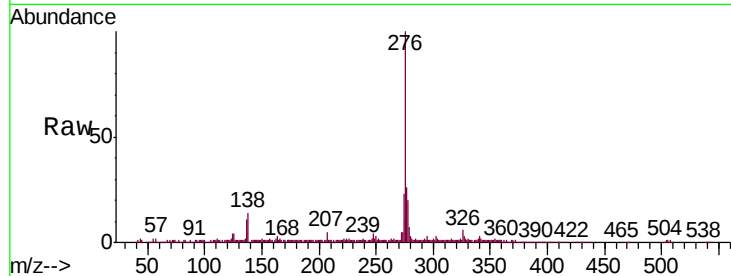


#91

Indeno(1,2,3-cd)pyrene
Concen: 18.973 ng/ul
RT: 28.78 min Scan# 4372
Delta R.T. 0.08 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Instrument :
BNA_G
ClientSampleId :
BENP4

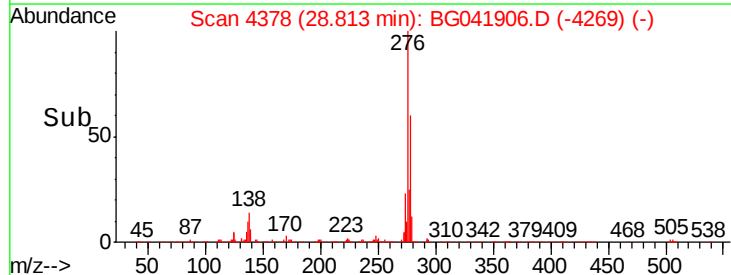
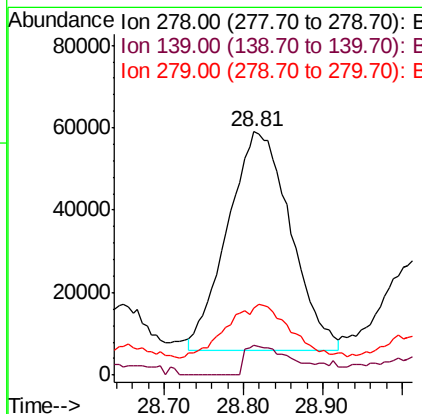
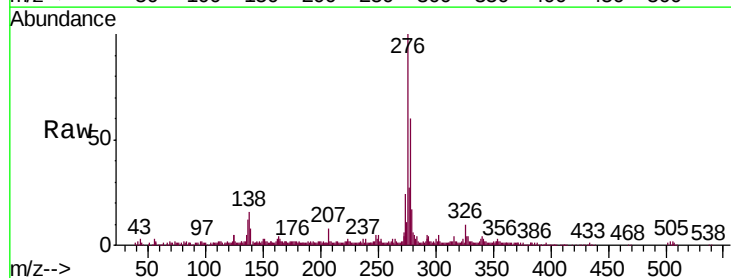
Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.0	18.0
277	26.2	19.2	28.8

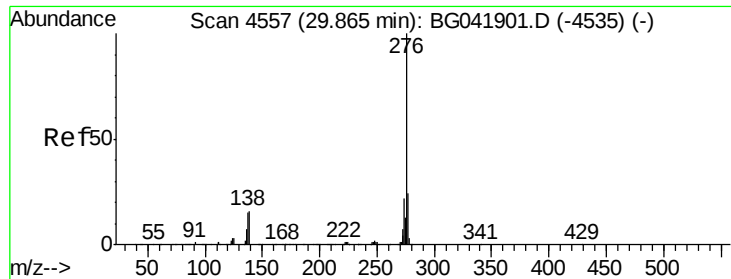


#92

Dibenzo(a,h)anthracene
Concen: 8.047 ng/ul
RT: 28.81 min Scan# 4378
Delta R.T. 0.04 min
Lab File: BG041906.D
Acq: 3 Aug 2019 12:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.4	14.0
279	27.6	19.2	28.8





#93

Benzo(g,h,i)perylene

Concen: 20.215 ng/ul

RT: 29.95 min Scan# 4572

Delta R.T. 0.09 min

Lab File: BG041906.D

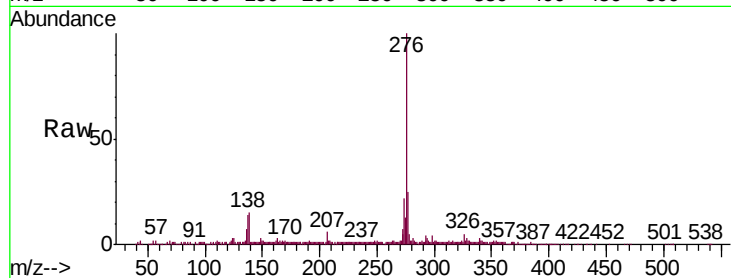
Acq: 3 Aug 2019 12:43

Instrument :

BNA_G

ClientSampleId :

BENP4



Tgt Ion: 276 Resp: 751394

Ion Ratio Lower Upper

276 100

138 14.9 12.6 18.8

277 25.3 19.2 28.8

