

Data File : BG041905.D
Acq On : 3 Aug 2019 12:05
Operator : HP/JU
Sample : K3850-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP0

Quant Time: Aug 04 00:06:59 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	112679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	464334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	304713	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	603850	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	603843	20.00	ng/ul	0.02
85) Perylene-d12	25.02	264	703159	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5804	2.25	ng/uL	0.00
5) Phenol-d5	7.19	99	126474	14.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	84344	17.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	126184	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	99773	13.44	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	64081	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	79760	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	140319	17.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	65517	7.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	426620	18.05	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	504120	18.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	41900	10.56	ng/ul	0.00
57) Fluorene-d10	15.69	176	376363	17.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	46338	11.96	ng/ul	0.01
70) Anthracene-d10	17.55	188	547436	18.90	ng/ul	0.01
78) Pyrene-d10	19.83	212	617862	18.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	689576	18.77	ng/ul	0.03

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.45	88	178	0.067	ng/uL#	40
4) Benzaldehyde	7.17	77	997	0.239	ng/ul#	63
6) Phenol	7.21	94	6241	0.684	ng/ul#	85
11) 2-Methylphenol	8.03	108	296	0.040	ng/ul#	6
12) 2,2'-oxybis(1-Chloropropan	8.74	45	825	0.070	ng/ul#	73
14) Acetophenone	8.86	105	5268	0.461	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.74	70	2120	0.351	ng/ul#	1
17) Hexachloroethane	9.15	117	388	0.122	ng/ul#	1
20) Nitrobenzene	9.24	77	70	0.009	ng/ul#	37
21) Isophorone	9.93	82	5790	0.365	ng/ul#	67
23) 2-Nitrophenol	10.47	139	702	0.162	ng/ul#	1
24) 2,4-Dimethylphenol	10.33	107	65	0.008	ng/ul#	27
25) Bis(2-Chloroethoxy)methane	10.48	93	196	0.021	ng/ul#	1
27) 2,4-Dichlorophenol	10.73	162	125	0.015	ng/ul#	24
28) Naphthalene	10.91	128	116629	4.913	ng/ul	99
30) 4-Chloroaniline	11.05	127	331	0.036	ng/ul#	42
34) 2-Methylnaphthalene	12.52	142	119665	6.342	ng/ul	99
40) 1,1'-Biphenyl	13.52	154	47111	2.126	ng/ul	95
41) 2-Chloronaphthalene	13.54	162	265	0.015	ng/ul#	1
42) 2-Nitroaniline	13.77	65	230	0.049	ng/ul#	43
44) Dimethylphthalate	14.14	163	129961	5.539	ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	153	0.030	ng/ul#	1
47) Acenaphthylene	14.42	152	12606	0.463	ng/ul#	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 3-Nitroaniline	14.55	138	131	0.032	ng/ul#	8
49) Acenaphthene	14.76	153	308763	16.206	ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	220	0.079	ng/ul#	30
52) 4-Nitrophenol	14.83	109	118	0.040	ng/ul	82
53) Dibenzofuran	15.09	168	196213	6.901	ng/ul	95
54) 2,4-Dinitrotoluene	15.04	165	494	0.067	ng/ul#	58
56) Diethylphthalate	15.50	149	524	0.022	ng/ul#	24
58) Fluorene	15.75	166	275824	12.043	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.77	204	114	0.009	ng/ul#	1
60) 4-Nitroaniline	15.75	138	3806	0.839	ng/ul#	22
63) 4,6-Dinitro-2-methylphenol	15.81	198	401	0.096	ng/ul#	1
64) N-Nitrosodiphenylamine	15.95	169	12072	0.674	ng/ul#	26
65) 4-Bromophenyl-phenylether	16.70	248	115	0.014	ng/ul#	1
66) Hexachlorobenzene	16.76	284	4710	0.587	ng/ul#	90
67) Atrazine	16.90	200	229	0.031	ng/ul#	13
68) Pentachlorophenol	17.58	266	106	0.024	ng/ul	89
69) Phenanthrene	17.58	178	816257	24.692	ng/ul	98
71) Anthracene	17.58	178	816257	24.345	ng/ul	99
73) Pentachlorobenzene	15.02	250	405	0.042	ng/ul#	71
74) Carbazole	17.84	167	155062	5.583	ng/ul	97
75) Di-n-butylphthalate	18.41	149	4020	0.117	ng/ul#	31
76) Fluoranthene	19.51	202	2936234	76.873	ng/ul#	91
79) Pyrene	19.65	202	8508	0.209	ng/ul	96
80) Butylbenzylphthalate	21.12	149	3598	0.225	ng/ul	87
81) 3,3'-Dichlorobenzidine	21.65	252	479	0.035	ng/ul#	72
82) Benzo(a)anthracene	21.72	228	2280417	54.468	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.63	149	21273	0.975	ng/ul#	81
84) Chrysene	21.79	228	2318618	59.335	ng/ul#	87
86) Di-n-octyl phthalate	22.90	149	674	0.019	ng/ul	100
87) Benzo(b)fluoranthene	23.99	252	2436527	55.216	ng/ul	96
88) Benzo(k)fluoranthene	23.99	252	2436527	57.428	ng/ul	95
90) Benzo(a)pyrene	24.88	252	2001960	47.610	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.78	276	877529	17.892	ng/ul	98
92) Dibenzo(a,h)anthracene	28.81	278	272318	6.807	ng/ul	94
93) Benzo(g,h,i)perylene	29.94	276	801436	19.572	ng/ul	97

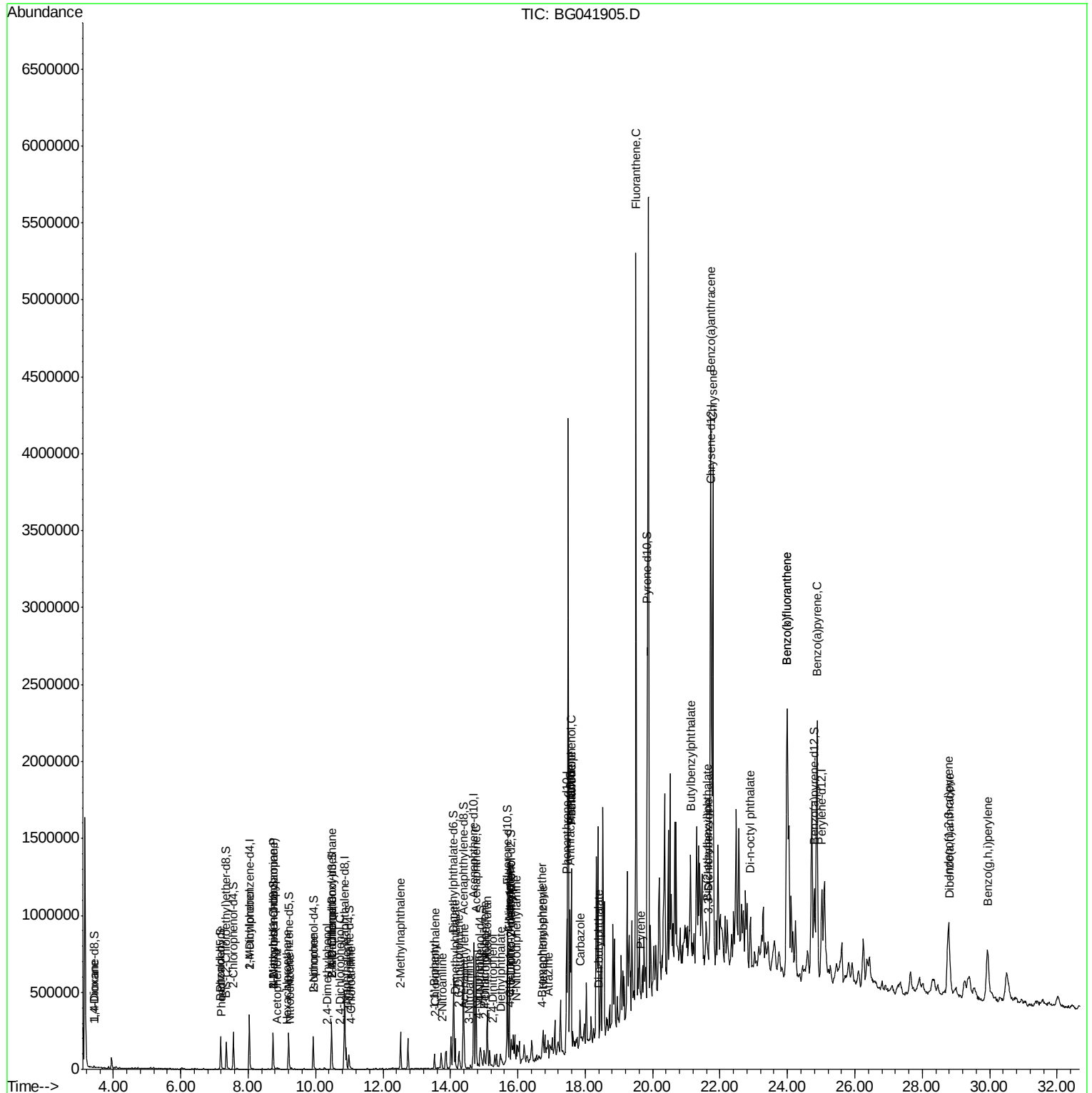
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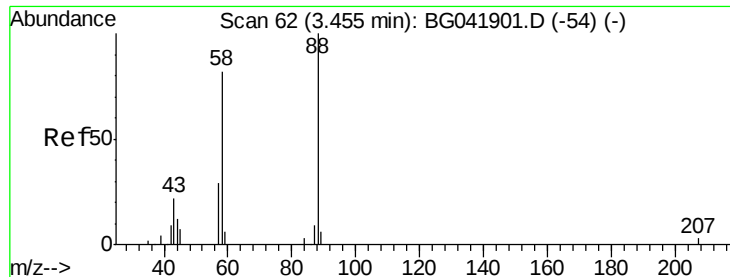
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#2

1,4-Dioxane

Concen: 0.067 ng/uL

RT: 3.45 min Scan# 62

Delta R.T. -0.00 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

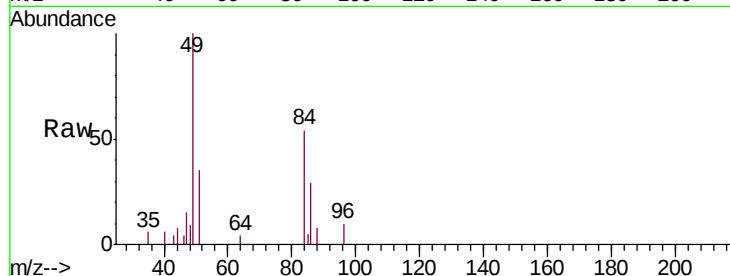
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

43 44.3 36.3 54.5

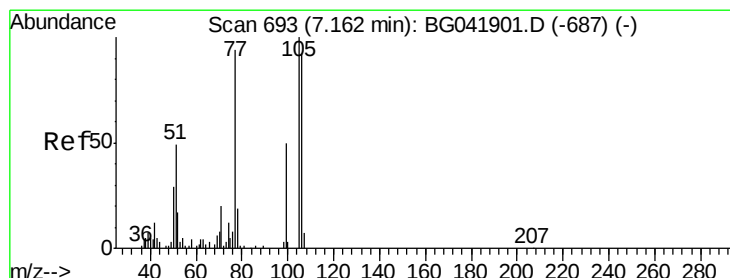
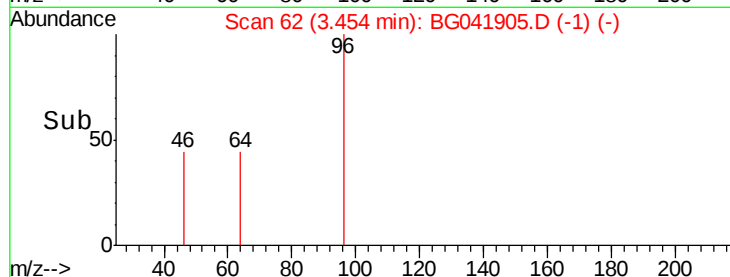
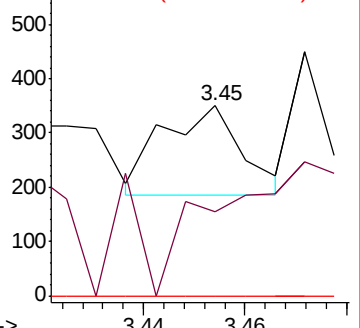
58 0.0 66.0 99.0#



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: 0.239 ng/uL

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

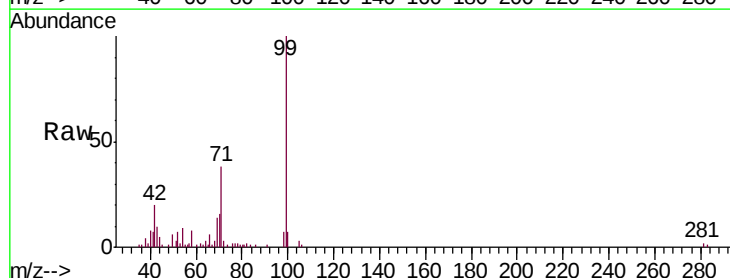
Tgt Ion: 77 Resp: 997

Ion Ratio Lower Upper

77 100

105 140.3 80.7 121.1#

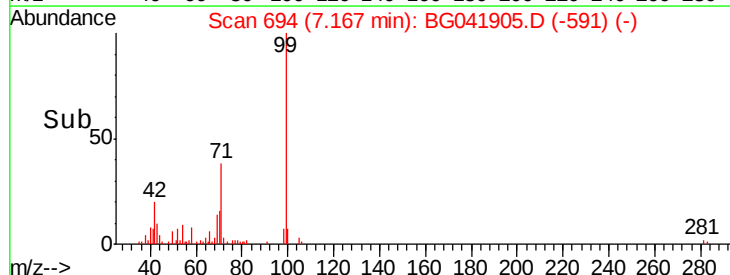
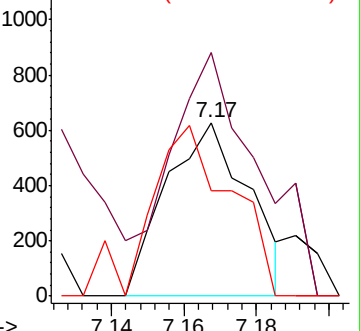
106 60.8 76.3 114.5#

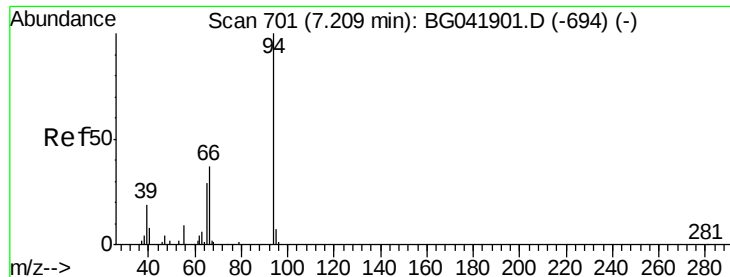


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.684 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

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ClientSampleId :

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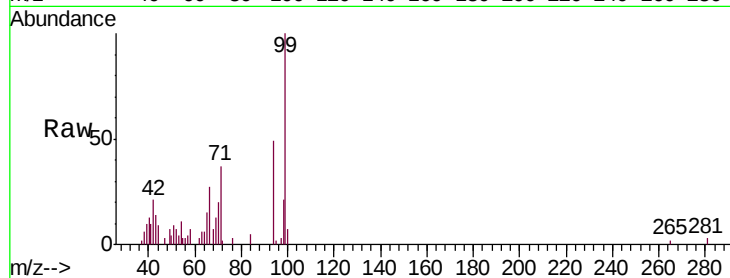
Tgt Ion: 94 Resp: 6241

Ion Ratio Lower Upper

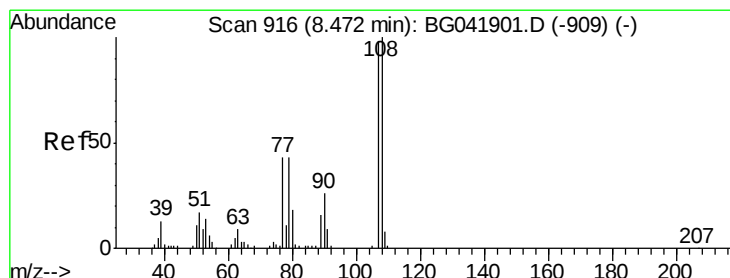
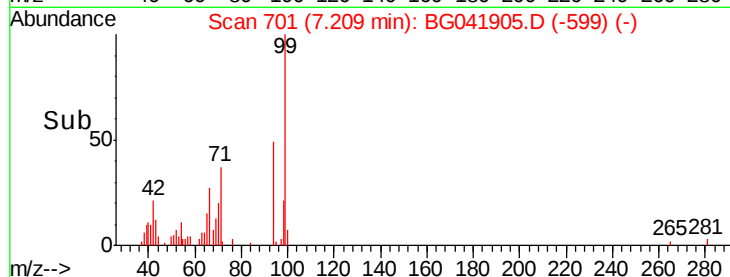
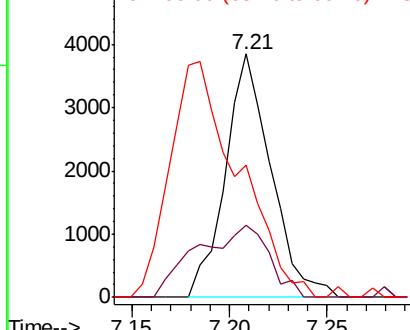
94 100

65 29.8 25.8 38.6

66 54.3 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: 0.040 ng/ul

RT: 8.03 min Scan# 841

Delta R.T. -0.44 min

Lab File: BG041905.D

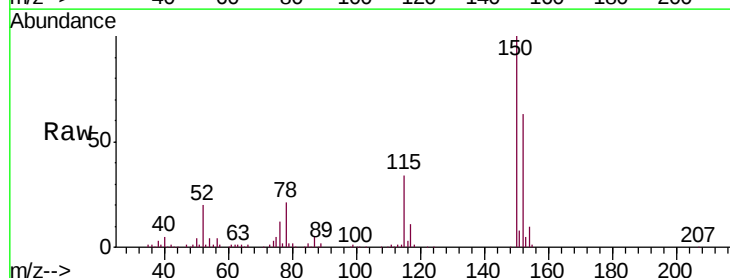
Acq: 3 Aug 2019 12:05

Tgt Ion: 108 Resp: 296

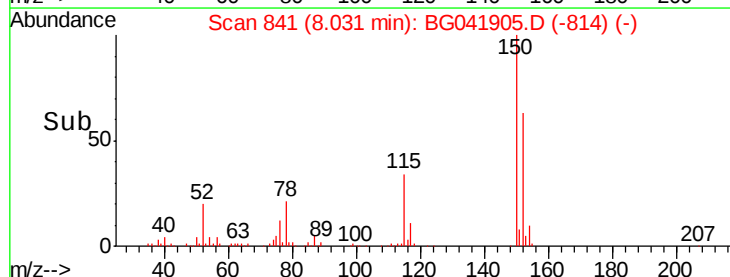
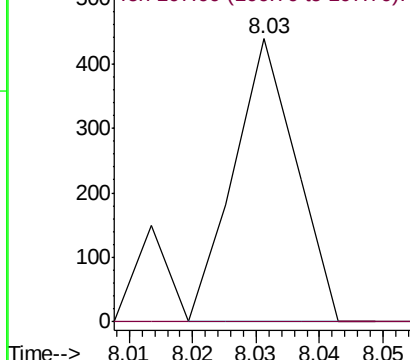
Ion Ratio Lower Upper

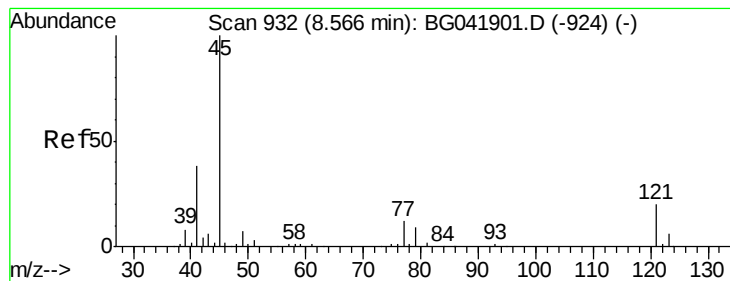
108 100

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: 0.070 ng/ul

RT: 8.74 min Scan# 961

Delta R.T. 0.17 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

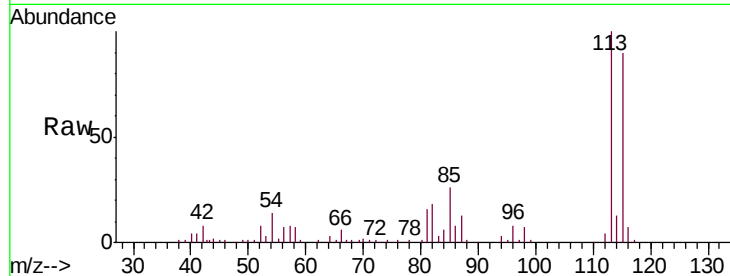
Tgt Ion: 45 Resp: 825

Ion Ratio Lower Upper

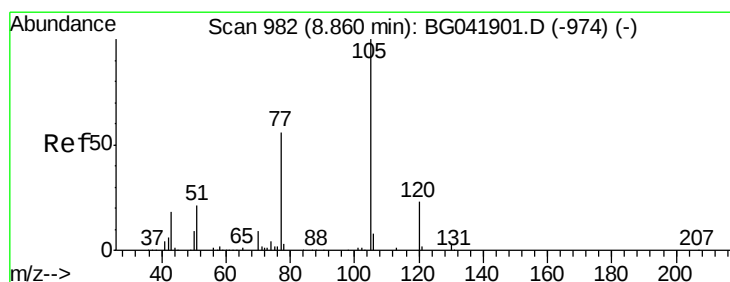
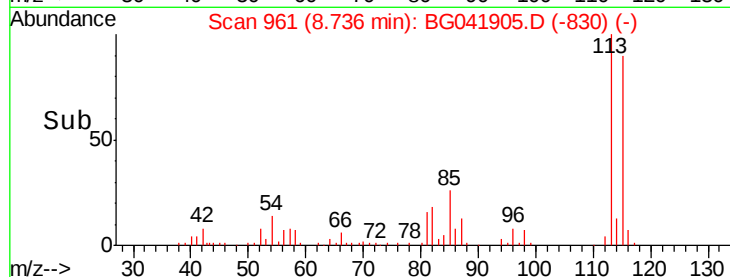
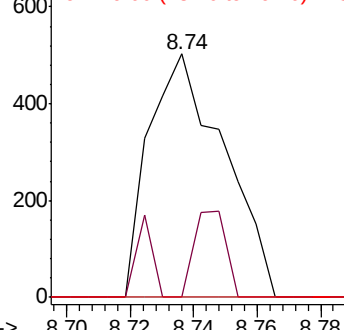
45 100

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: 0.461 ng/ul

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

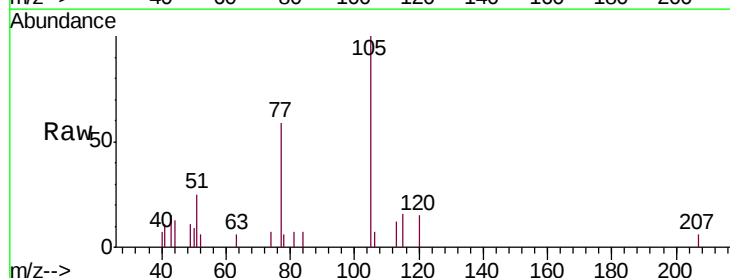
Tgt Ion: 105 Resp: 5268

Ion Ratio Lower Upper

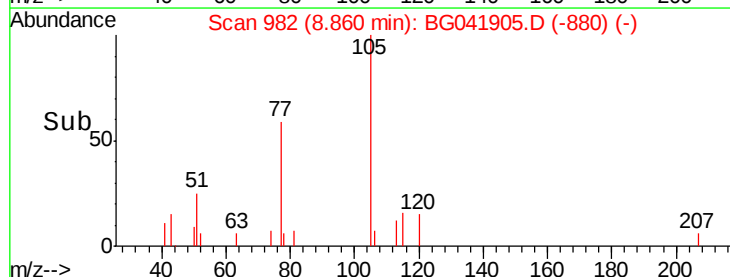
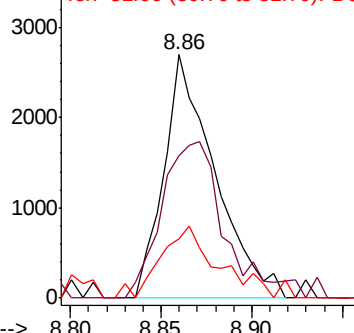
105 100

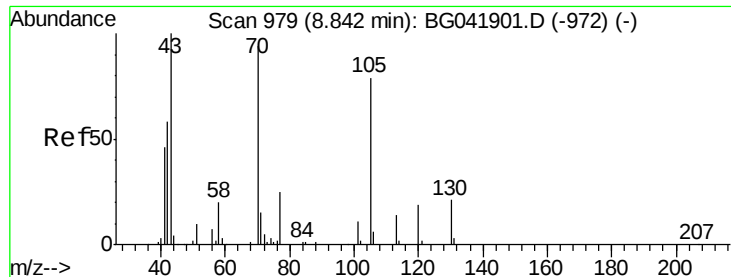
77 58.7 60.0 90.0#

51 24.5 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: 0.351 ng/ul

RT: 8.74 min Scan# 961

Delta R.T. -0.11 min

Lab File: BG041905.D

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ClientSampleId :

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Tgt Ion: 70 Resp: 2120

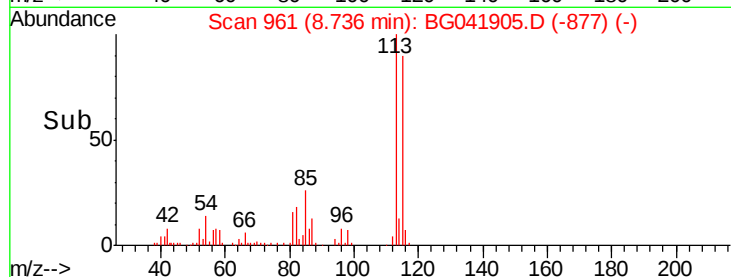
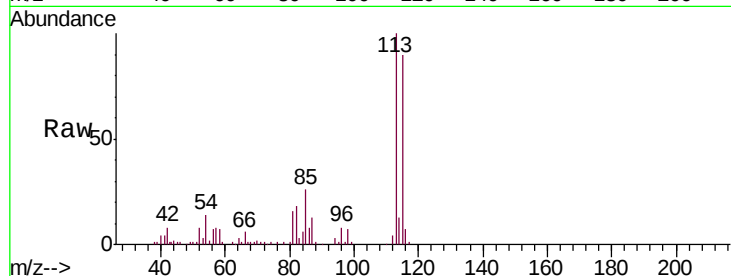
Ion Ratio Lower Upper

70 100

42 385.5 46.4 69.6#

101 0.0 9.7 14.5#

130 0.0 21.1 31.7#

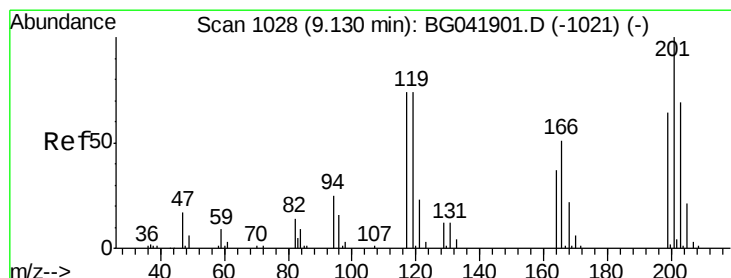
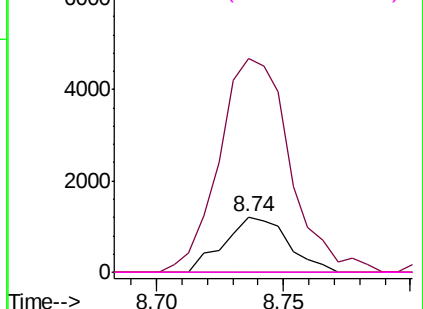


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 0.122 ng/ul

RT: 9.15 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

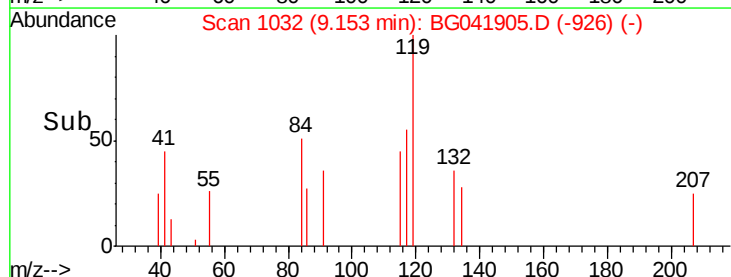
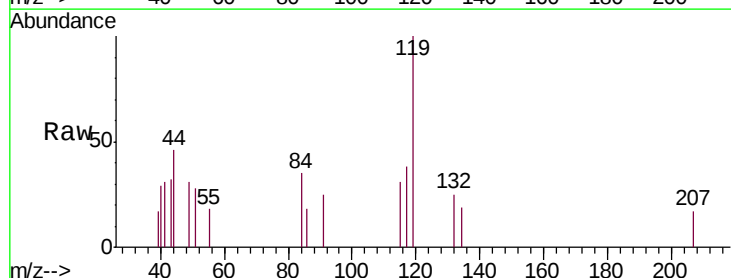
Tgt Ion: 117 Resp: 388

Ion Ratio Lower Upper

117 100

201 0.0 103.4 155.2#

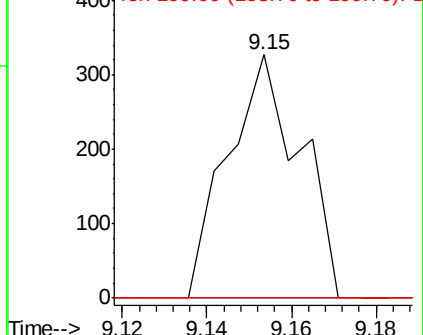
199 0.0 62.9 94.3#

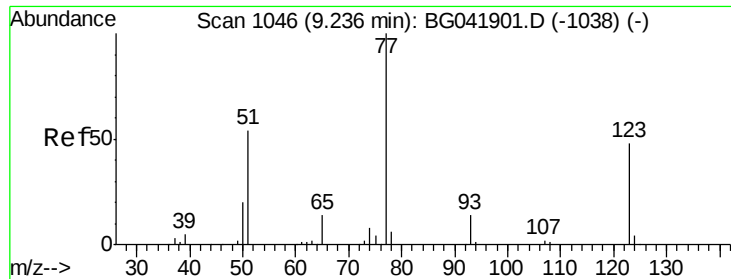


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

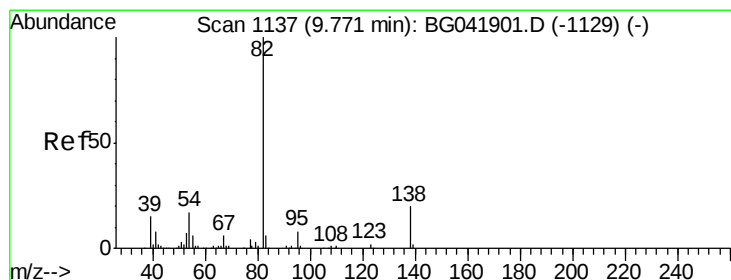
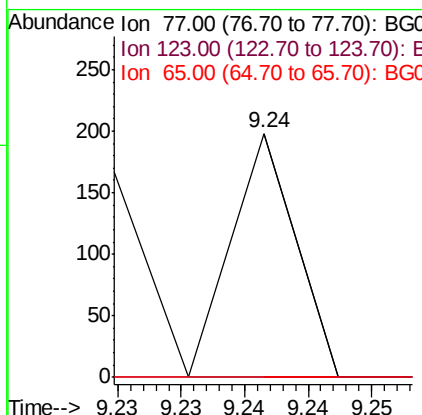
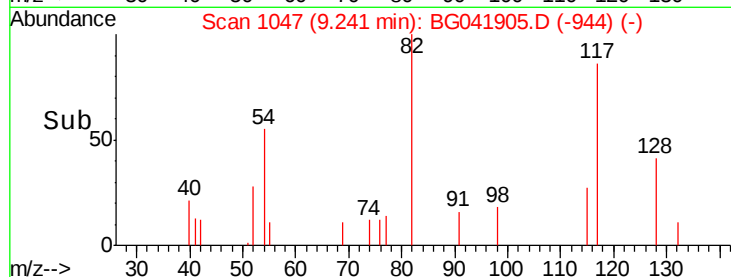
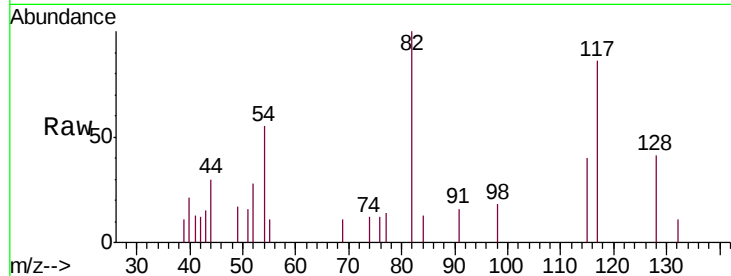




#20
Nitrobenzene
Concen: 0.009 ng/ul
RT: 9.24 min Scan# 1047
Delta R.T. 0.01 min
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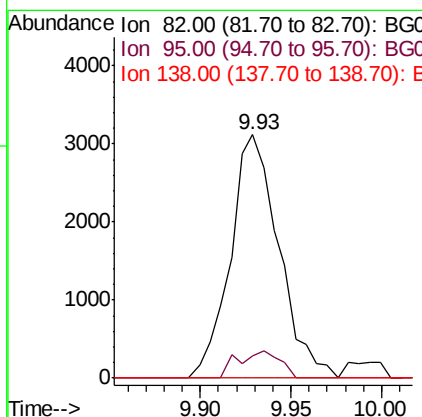
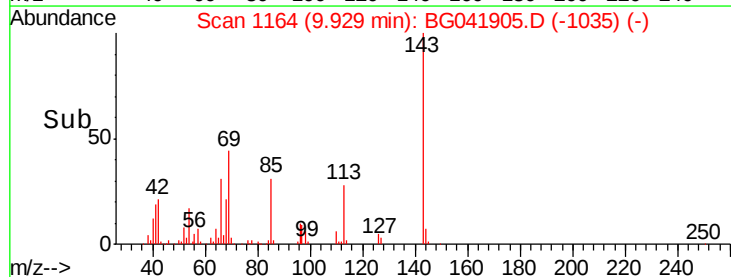
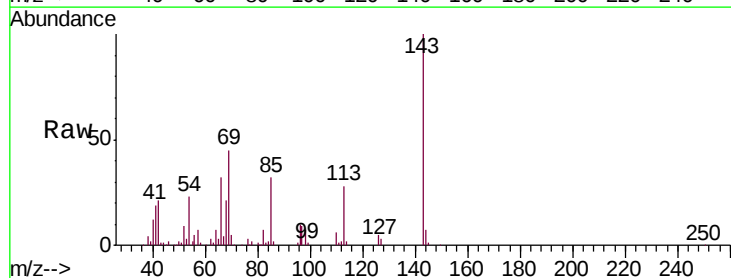
Instrument :
BNA_G
ClientSampled :
BENP0

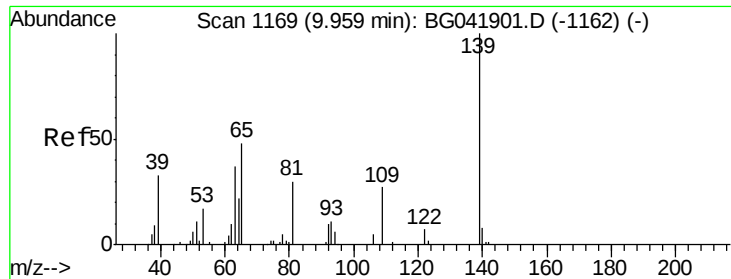
Tgt Ion: 77 Resp: 70
Ion Ratio Lower Upper
77 100
123 0.0 38.3 57.5#
65 0.0 11.6 17.4#



#21
Isophorone
Concen: 0.365 ng/ul
RT: 9.93 min Scan# 1164
Delta R.T. 0.16 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion: 82 Resp: 5790
Ion Ratio Lower Upper
82 100
95 9.0 5.6 8.4#
138 0.0 15.8 23.8#

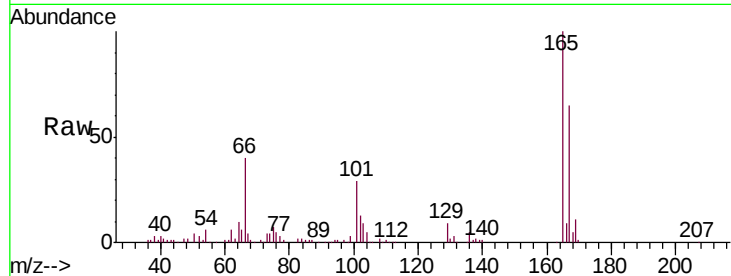




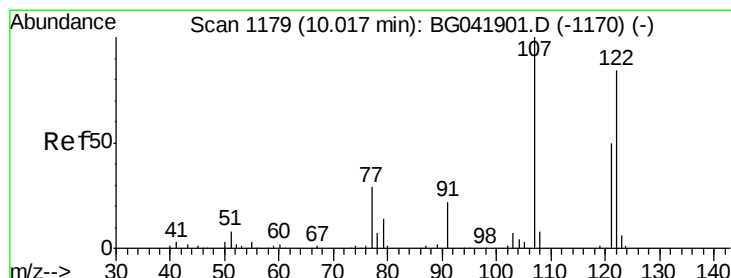
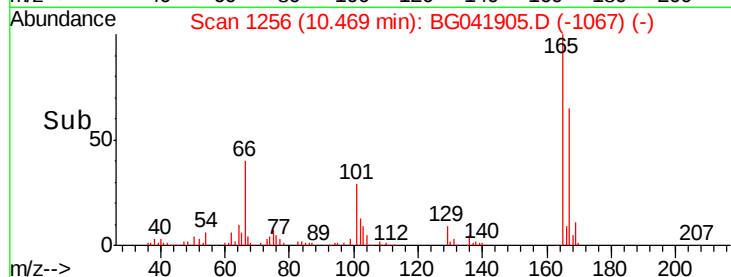
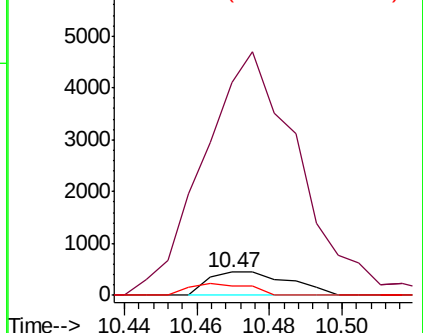
#23
 2-Nitrophenol
 Concen: 0.162 ng/ul
 RT: 10.47 min Scan# 1256
 Delta R.T. 0.51 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Instrument :
 BNA_G
 ClientSampleId :
 BENP0

Tgt Ion:139 Resp: 702
 Ion Ratio Lower Upper
 139 100
 65 914.0 38.6 57.8#
 109 42.4 21.9 32.9#

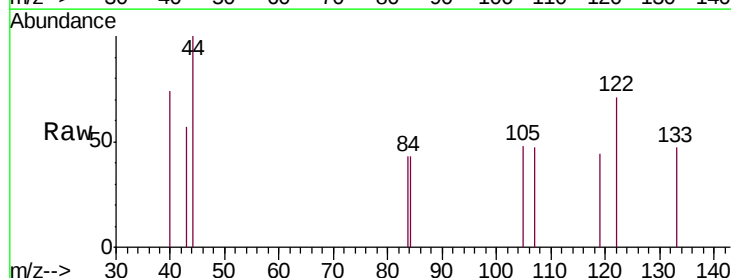


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 109.00 (108.70 to 109.70): E

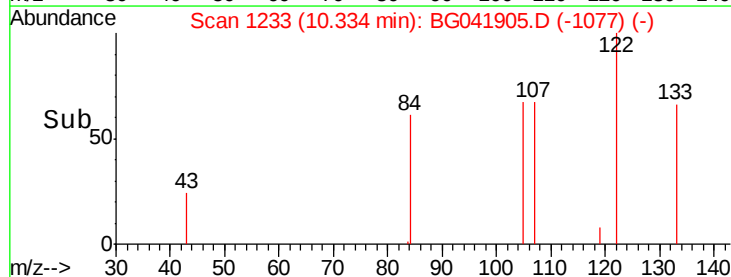
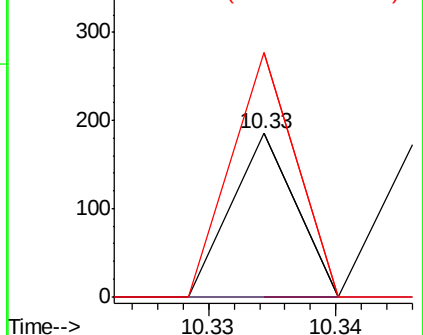


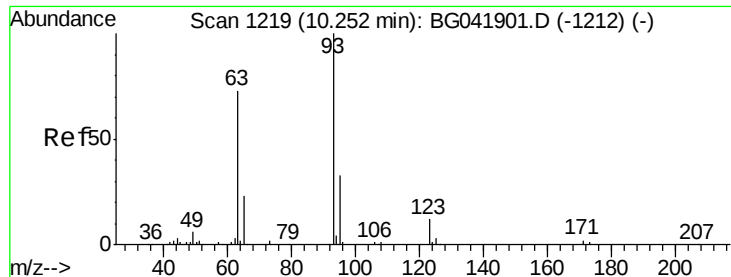
#24
 2,4-Dimethylphenol
 Concen: 0.008 ng/ul
 RT: 10.33 min Scan# 1233
 Delta R.T. 0.32 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Tgt Ion:107 Resp: 65
 Ion Ratio Lower Upper
 107 100
 121 0.0 45.0 67.6#
 122 149.7 68.1 102.1#



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

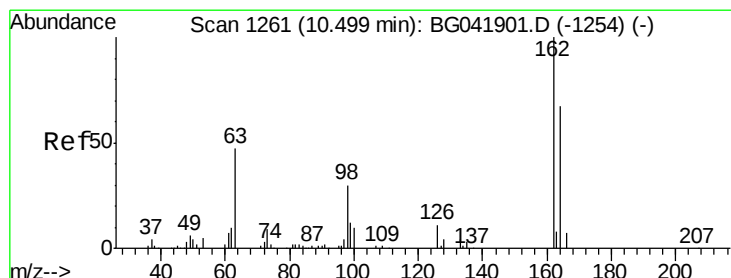
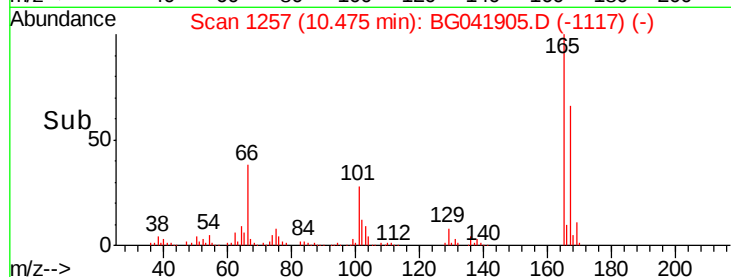
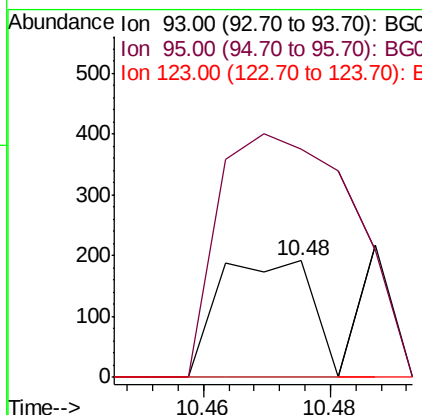
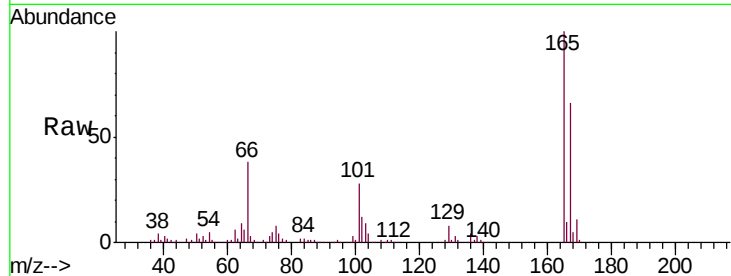




#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.021 ng/ul
 RT: 10.48 min Scan# 1257
 Delta R.T. 0.22 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

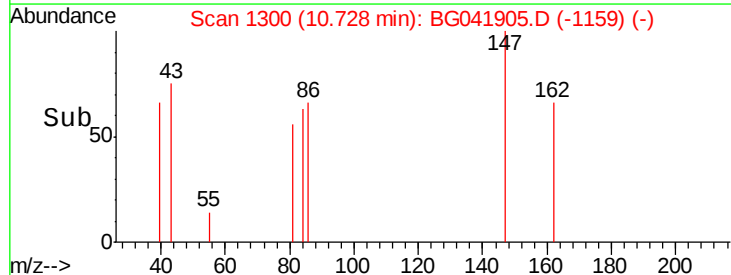
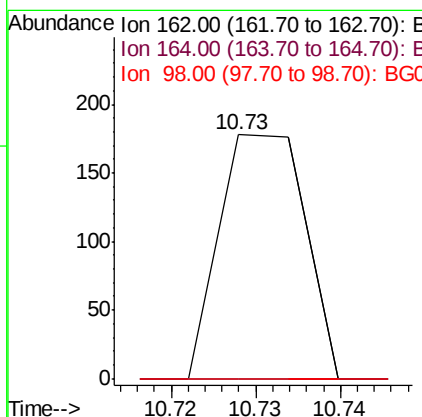
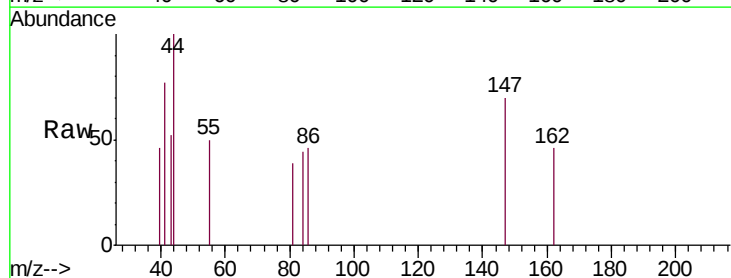
Instrument :
 BNA_G
 ClientSampleId :
 BENP0

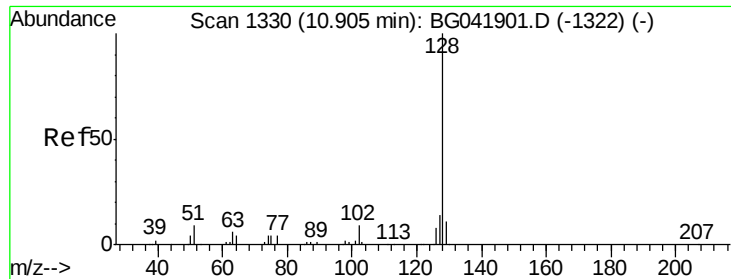
Tgt Ion: 93 Resp: 196
 Ion Ratio Lower Upper
 93 100
 95 195.3 25.4 38.0#
 123 0.0 9.6 14.4#



#27
 2,4-Dichlorophenol
 Concen: 0.015 ng/ul
 RT: 10.73 min Scan# 1300
 Delta R.T. 0.23 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Tgt Ion: 162 Resp: 125
 Ion Ratio Lower Upper
 162 100
 164 0.0 54.6 82.0#
 98 0.0 24.6 36.8#

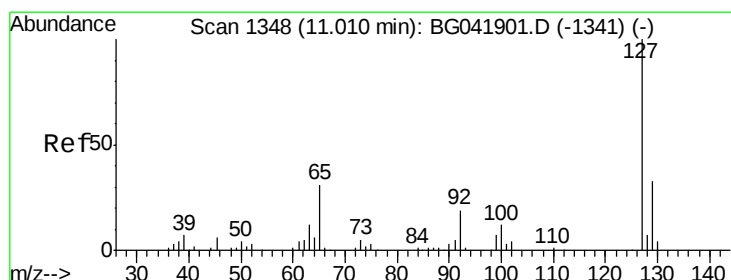
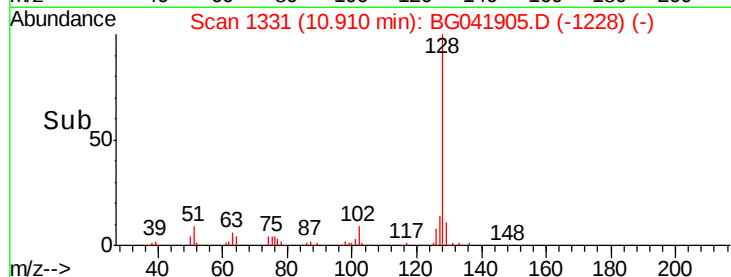
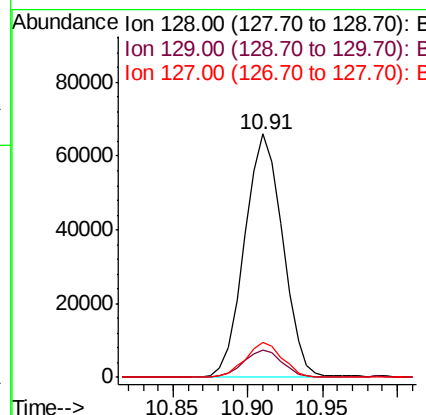
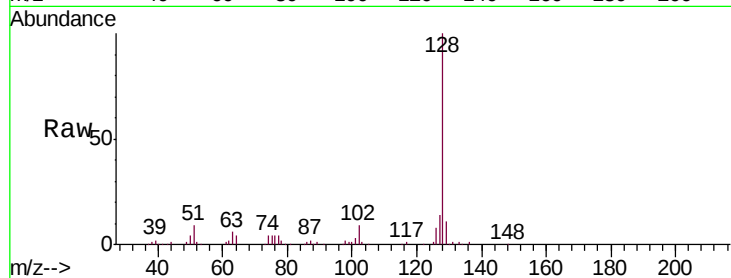




#28
Naphthalene
Concen: 4.913 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

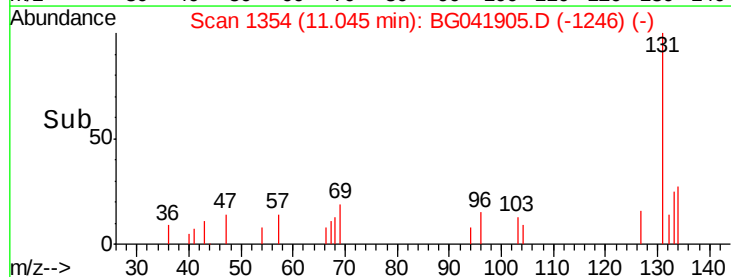
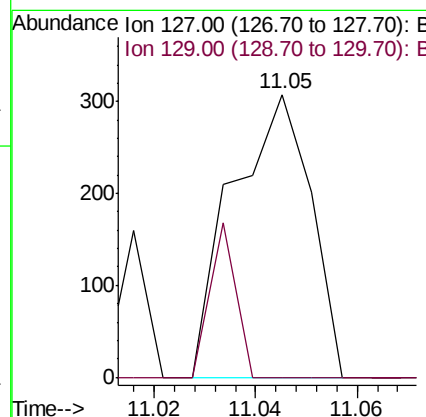
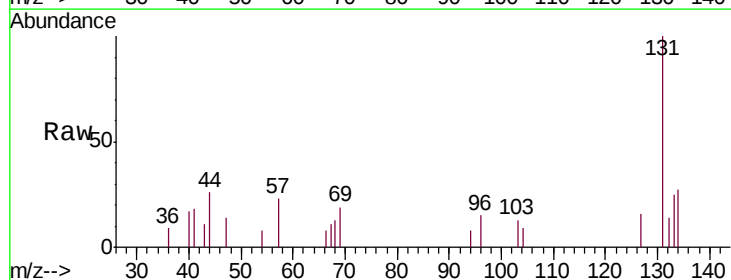
Instrument :
BNA_G
ClientSampleId :
BENP0

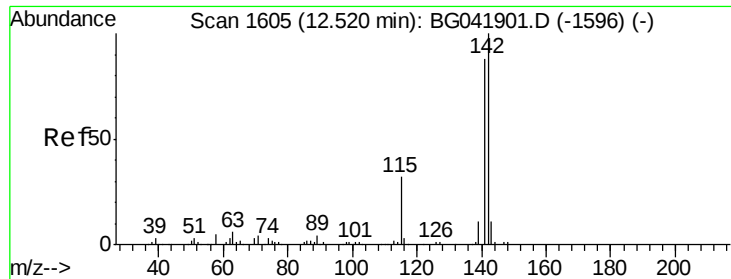
Tgt Ion:128 Resp: 116629
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 14.2 11.4 17.0



#30
4-Chloroaniline
Concen: 0.036 ng/ul
RT: 11.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion:127 Resp: 331
Ion Ratio Lower Upper
127 100
129 0.0 26.5 39.7#

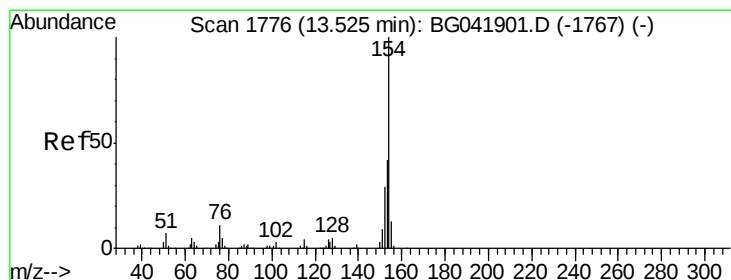
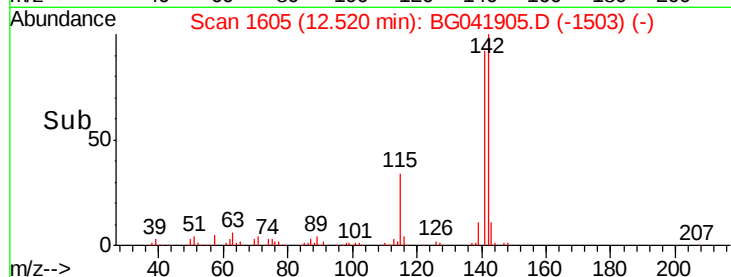
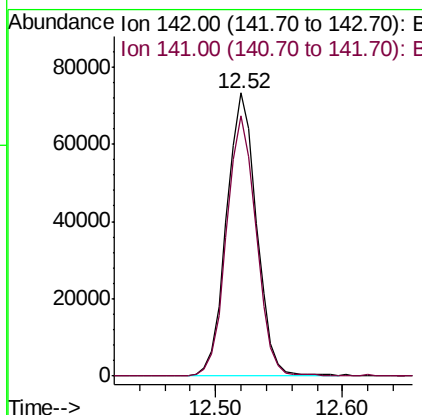
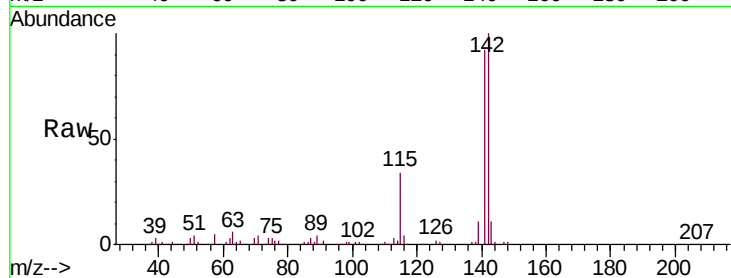




#34
 2-Methylnaphthalene
 Concen: 6.342 ng/ul
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

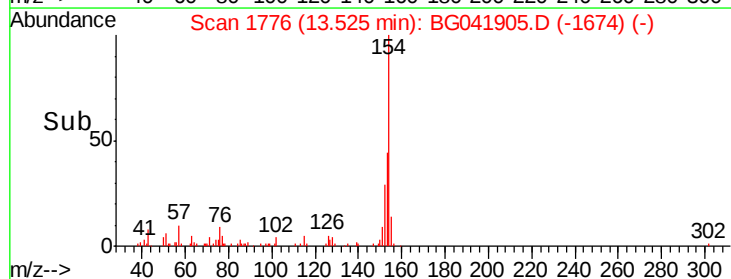
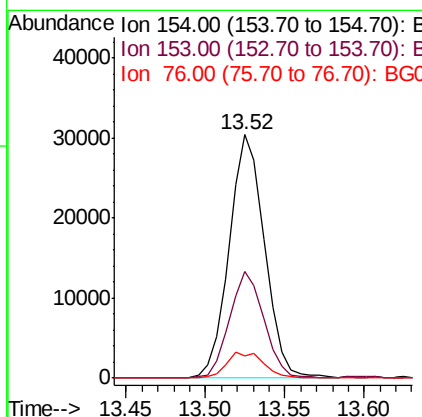
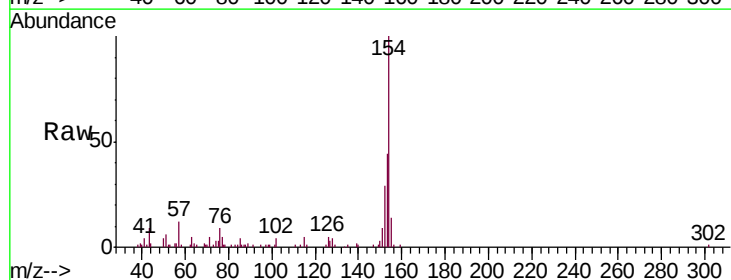
Instrument :
 BNA_G
 ClientSampleId :
 BENP0

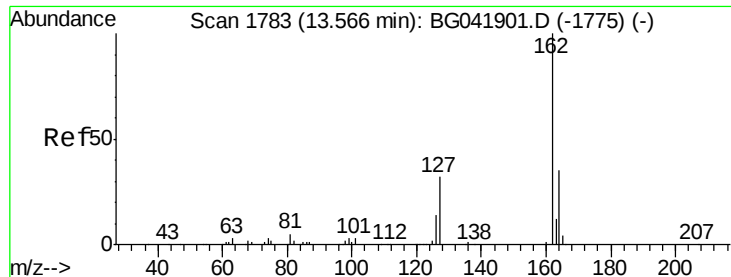
Tgt Ion:142 Resp: 119665
 Ion Ratio Lower Upper
 142 100
 141 92.2 72.9 109.3



#40
 1,1'-Biphenyl
 Concen: 2.126 ng/ul
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Tgt Ion:154 Resp: 47111
 Ion Ratio Lower Upper
 154 100
 153 43.8 32.6 48.8
 76 9.2 8.6 13.0

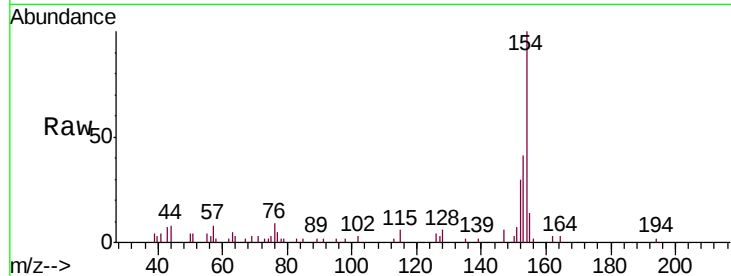




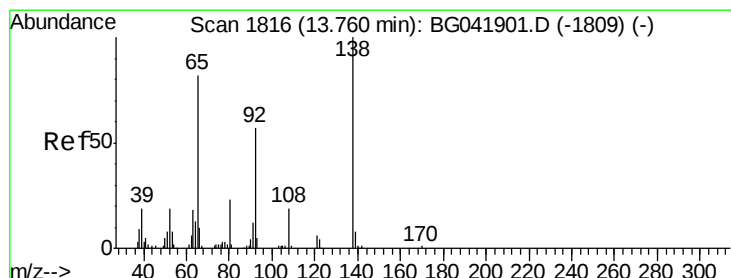
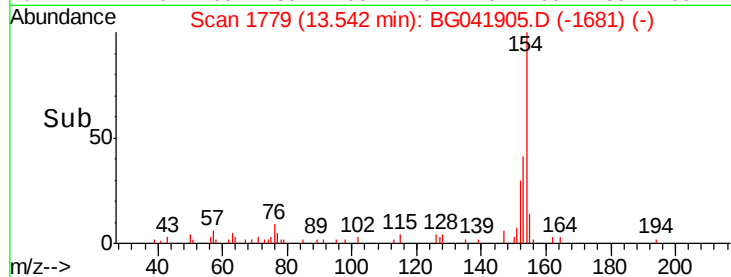
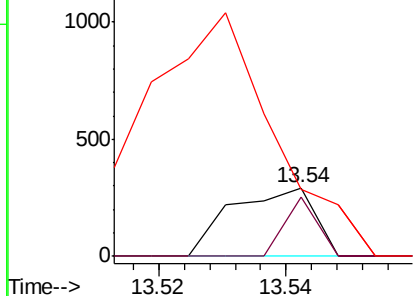
#41
 2-Chloronaphthalene
 Concen: 0.015 ng/ul
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Instrument :
 BNA_G
 ClientSampled :
 BENP0

Tgt Ion: 162 Resp: 265
 Ion Ratio Lower Upper
 162 100
 164 87.0 26.9 40.3#
 127 97.3 27.8 41.8#

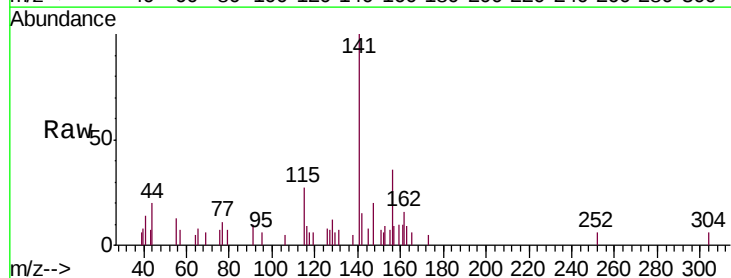


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

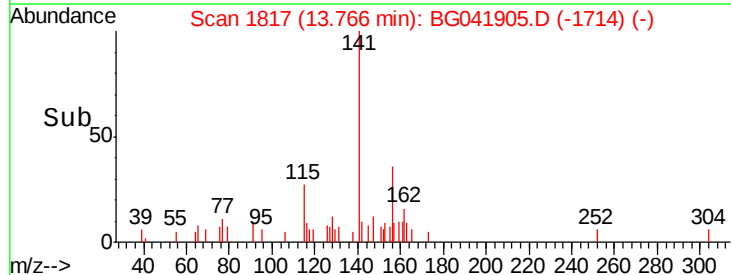
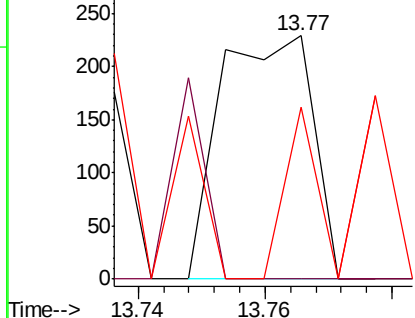


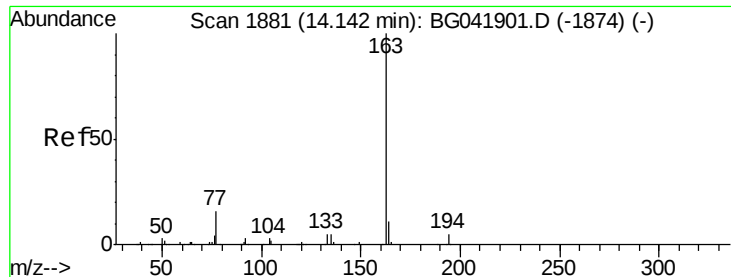
#42
 2-Nitroaniline
 Concen: 0.049 ng/ul
 RT: 13.77 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Tgt Ion: 65 Resp: 230
 Ion Ratio Lower Upper
 65 100
 92 0.0 51.6 77.4#
 138 70.7 94.1 141.1#



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): E

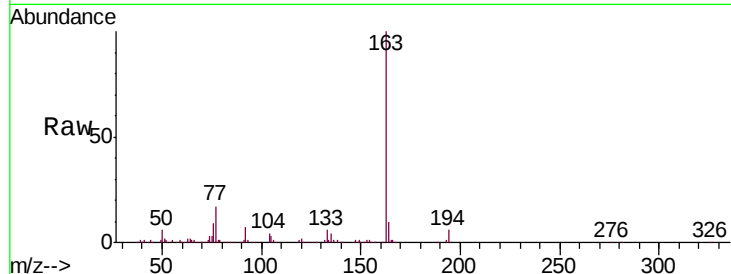




#44
Dimethylphthalate
Concen: 5.539 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Instrument :
BNA_G
ClientSampleId :
BENP0

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.2	6.2
164	10.4	7.8	11.8

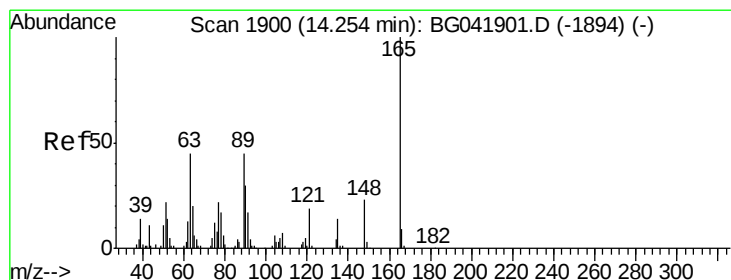
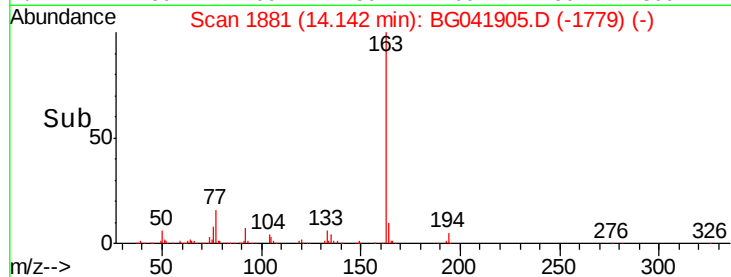
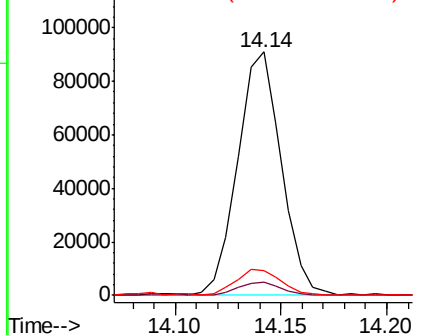


Abundance

Ion 163.00 (162.70 to 163.70): E

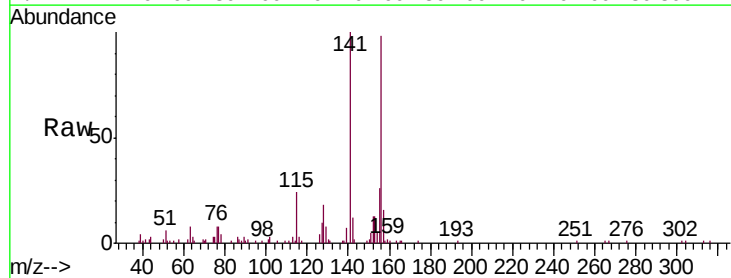
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45
2,6-Dinitrotoluene
Concen: 0.030 ng/ul
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion	Ratio	Lower	Upper
165	100		
89	253.4	36.8	55.2#
121	0.0	15.6	23.4#

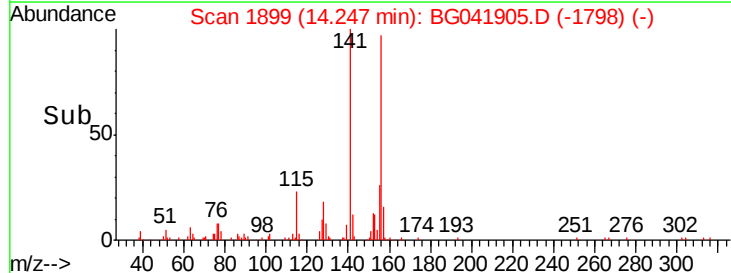
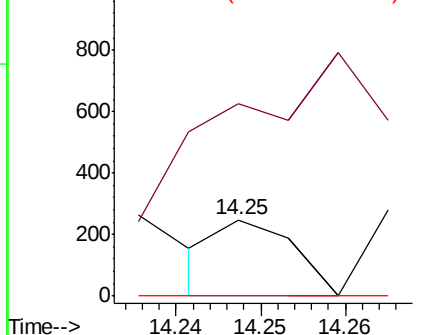


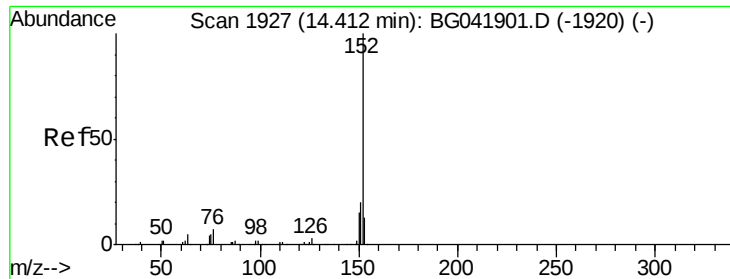
Abundance

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: 0.463 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

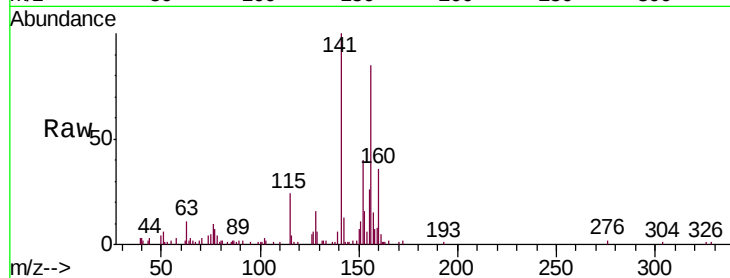
Tgt Ion:152 Resp: 12606

Ion Ratio Lower Upper

152 100

151 27.4 16.8 25.2#

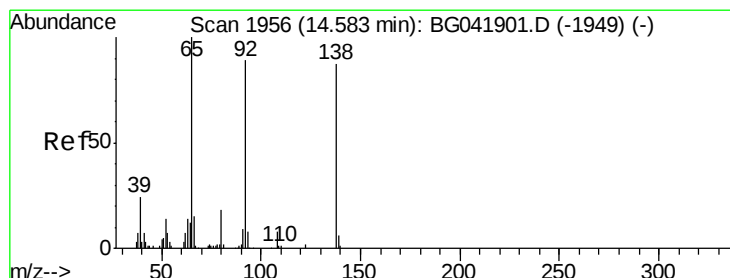
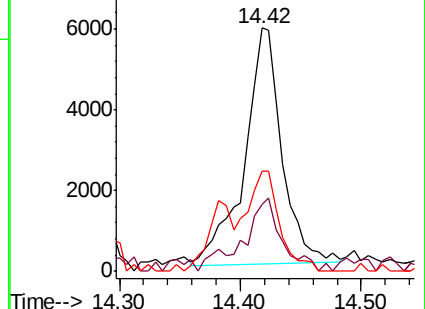
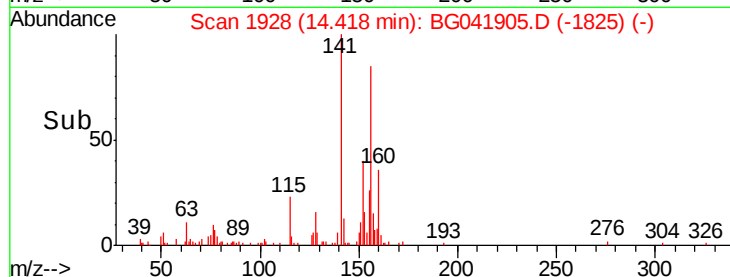
153 41.3 10.3 15.5#



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: 0.032 ng/ul

RT: 14.55 min Scan# 1951

Delta R.T. -0.03 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

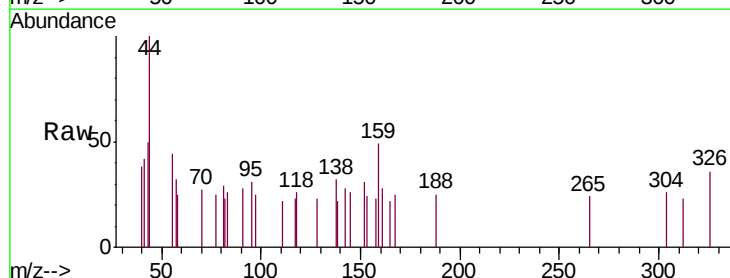
Tgt Ion:138 Resp: 131

Ion Ratio Lower Upper

138 100

108 0.0 7.6 11.4#

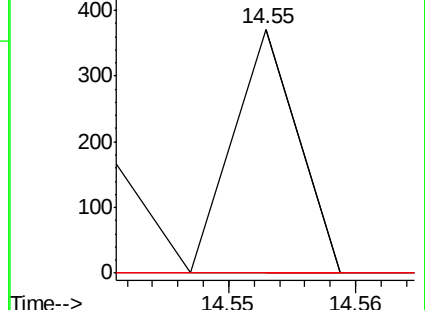
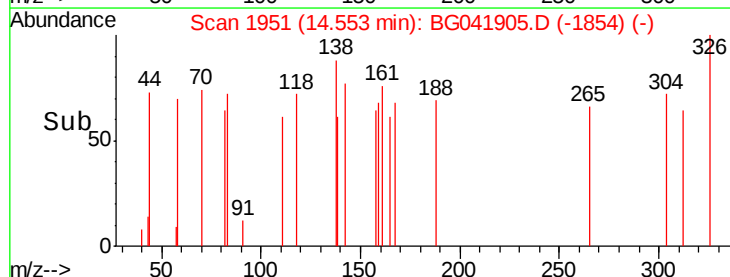
92 0.0 76.4 114.6#

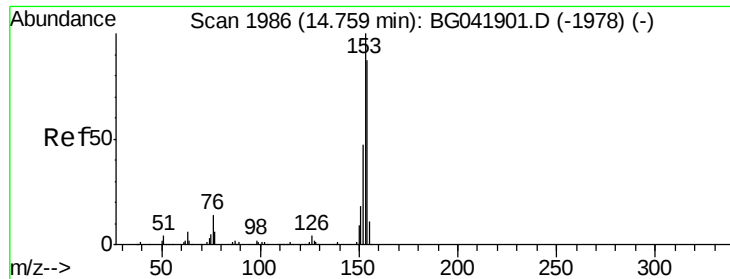


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 16.206 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

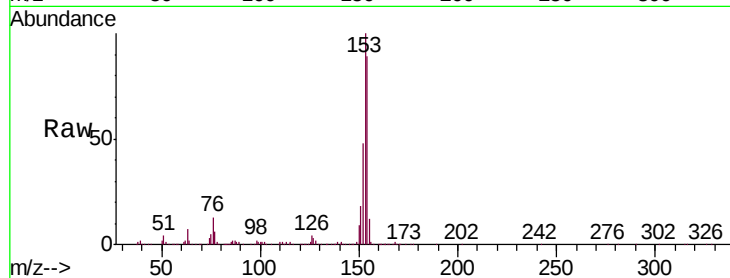
Tgt Ion:153 Resp: 308763

Ion Ratio Lower Upper

153 100

152 47.8 37.8 56.8

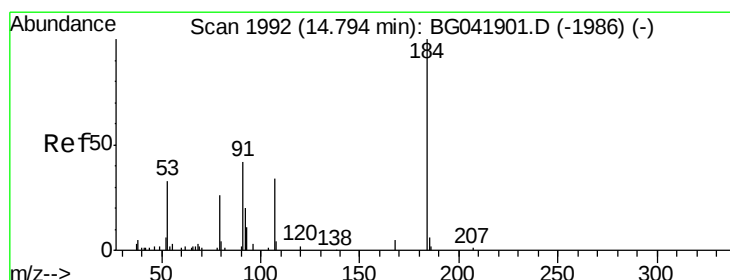
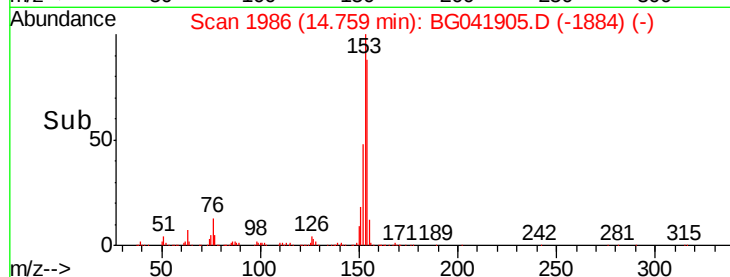
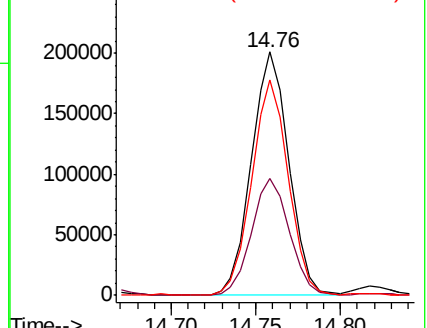
154 88.5 69.4 104.2



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: 0.079 ng/ul

RT: 15.26 min Scan# 2071

Delta R.T. 0.46 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

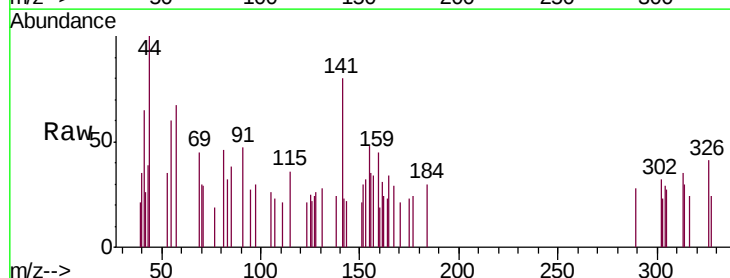
Tgt Ion:184 Resp: 220

Ion Ratio Lower Upper

184 100

63 0.0 32.6 49.0#

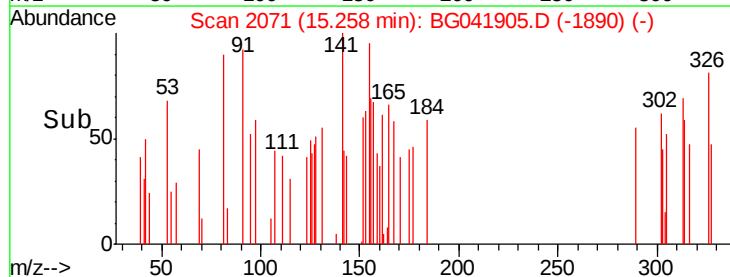
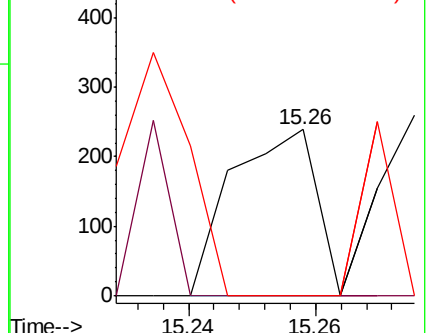
154 0.0 41.8 62.6#

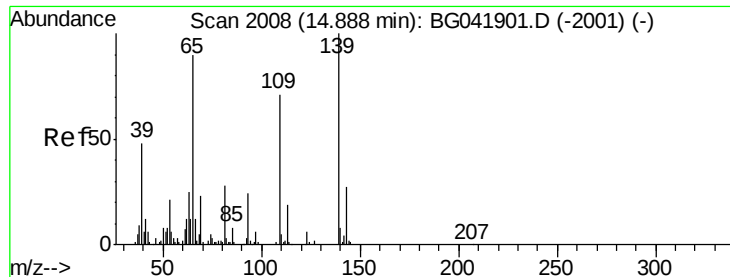


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 0.040 ng/ul

RT: 14.83 min Scan# 1998

Delta R.T. -0.06 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

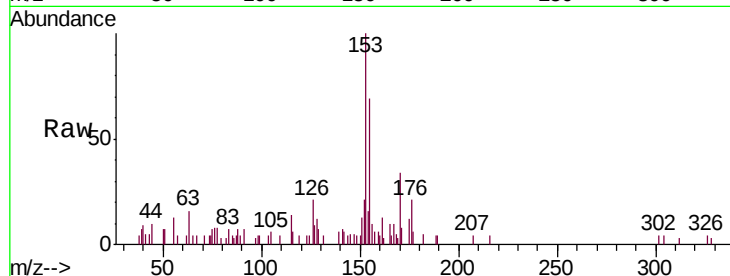
Tgt Ion:109 Resp: 118

Ion Ratio Lower Upper

109 100

139 163.3 111.8 167.6

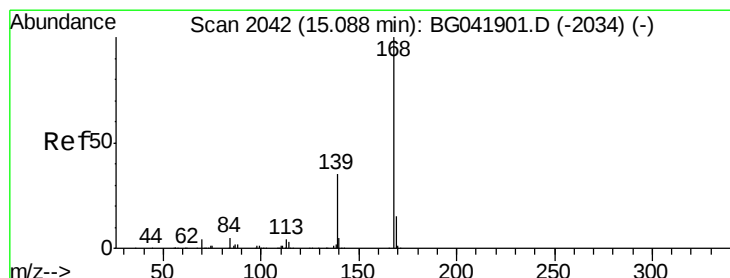
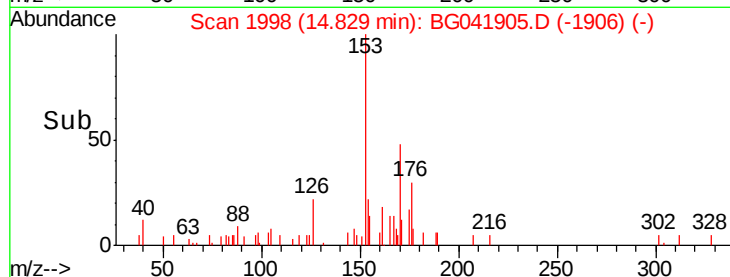
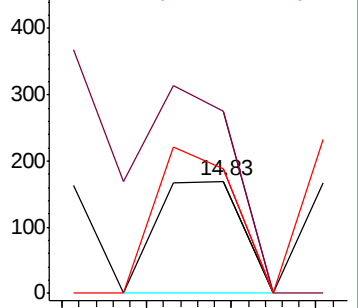
65 111.2 103.6 155.4



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 6.901 ng/ul

RT: 15.09 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BG041905.D

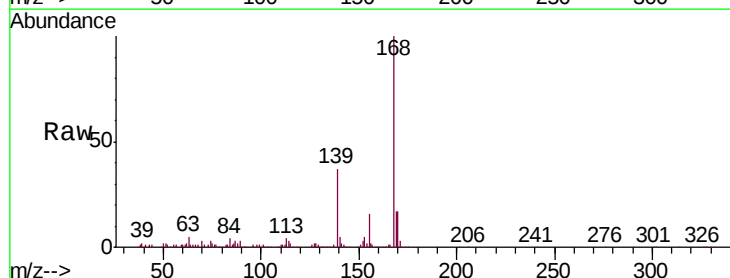
Acq: 3 Aug 2019 12:05

Tgt Ion:168 Resp: 196213

Ion Ratio Lower Upper

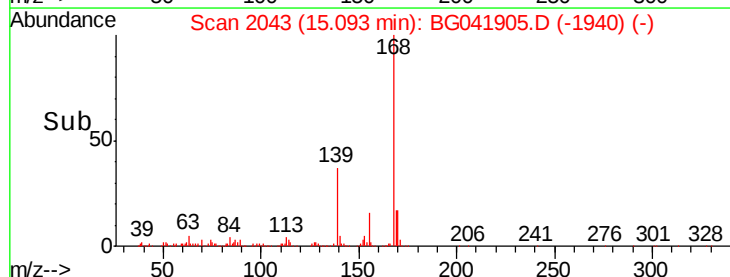
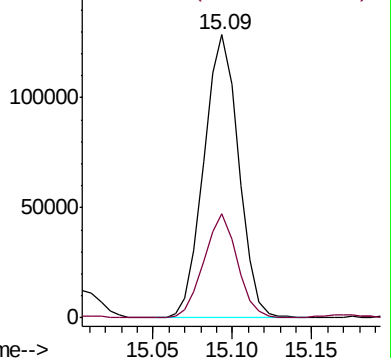
168 100

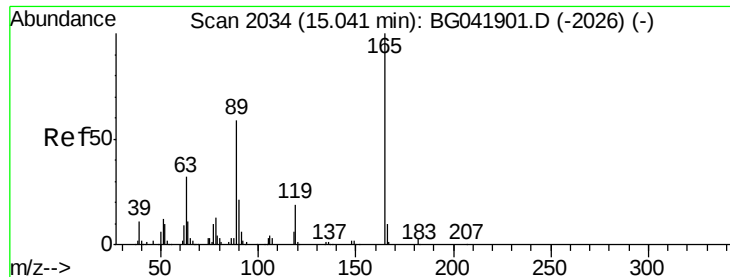
139 36.9 27.3 40.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

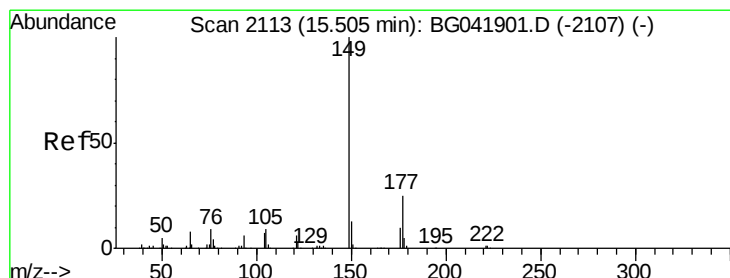
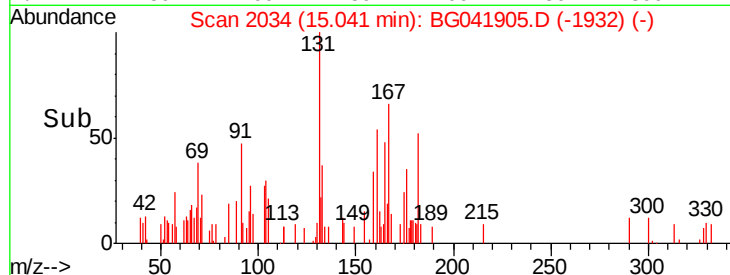
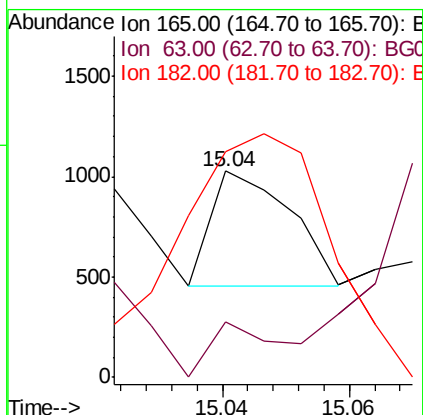
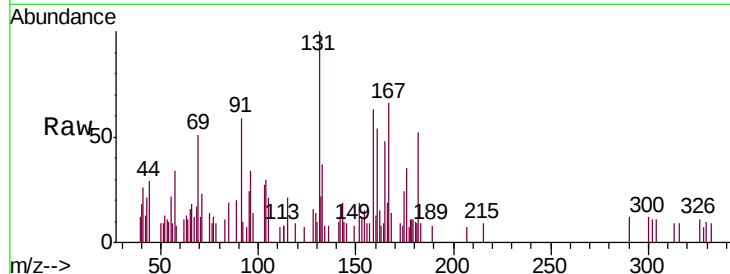




#54
2,4-Dinitrotoluene
Concen: 0.067 ng/ul
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

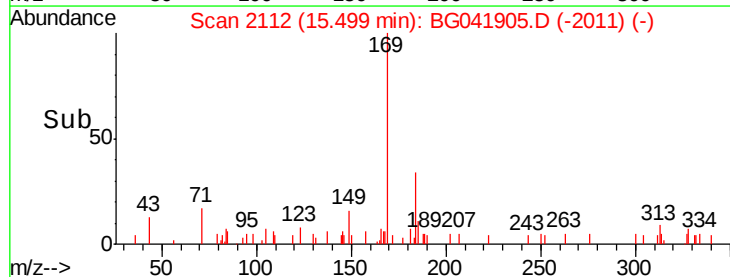
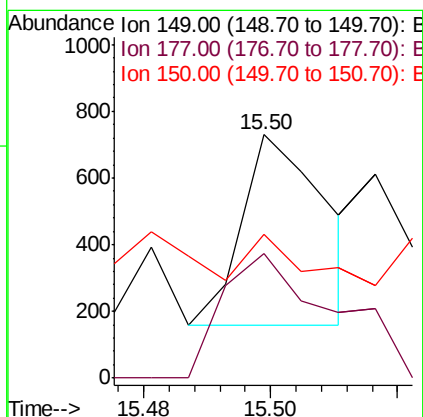
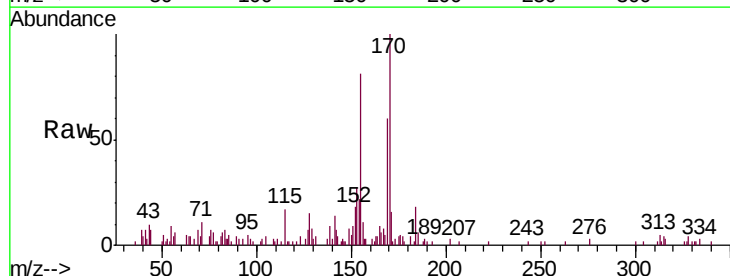
Instrument :
BNA_G
ClientSampleId :
BENP0

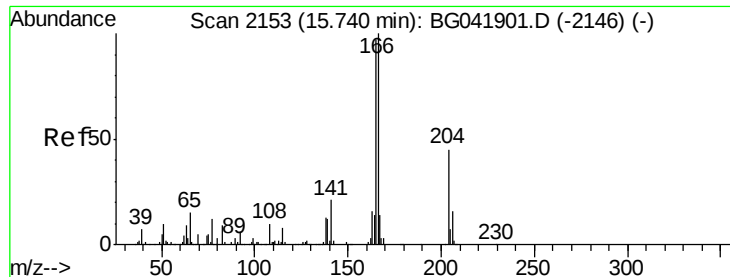
Tgt Ion:165 Resp: 494
Ion Ratio Lower Upper
165 100
63 26.7 29.4 44.2#
182 109.3 2.6 4.0#



#56
Diethylphthalate
Concen: 0.022 ng/ul
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion:149 Resp: 524
Ion Ratio Lower Upper
149 100
177 51.1 19.4 29.2#
150 59.2 10.2 15.4#





#58

Fluorene

Concen: 12.043 ng/ul

RT: 15.75 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

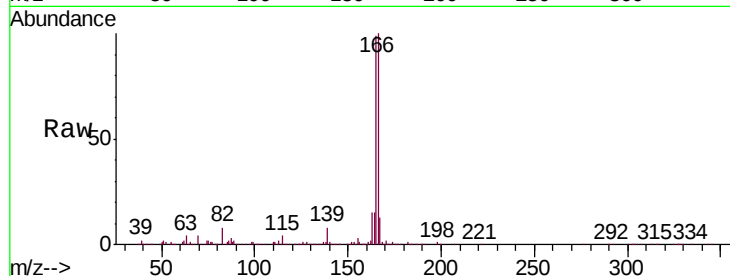
Tgt Ion:166 Resp: 275824

Ion Ratio Lower Upper

166 100

165 98.9 81.1 121.7

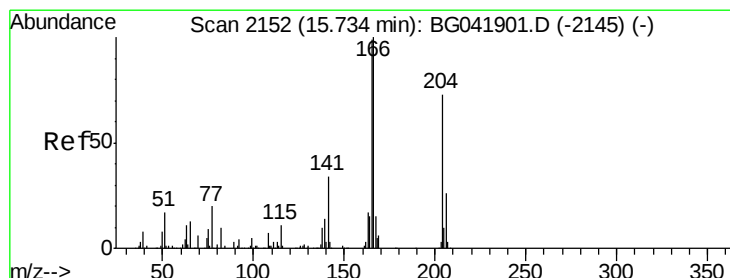
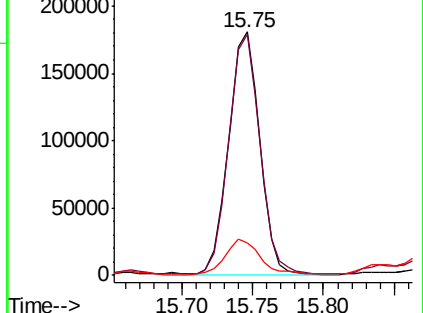
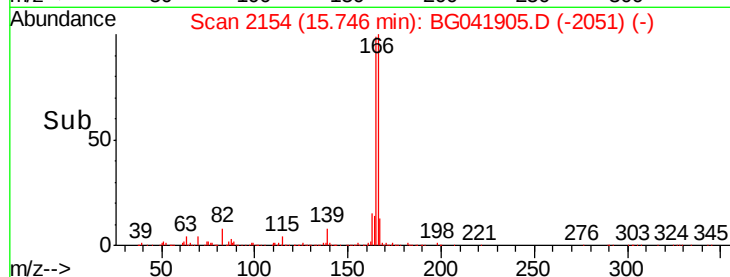
167 13.5 11.0 16.4



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

4-Chlorophenyl-phenylether

Concen: 0.009 ng/ul

RT: 15.77 min Scan# 2158

Delta R.T. 0.03 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

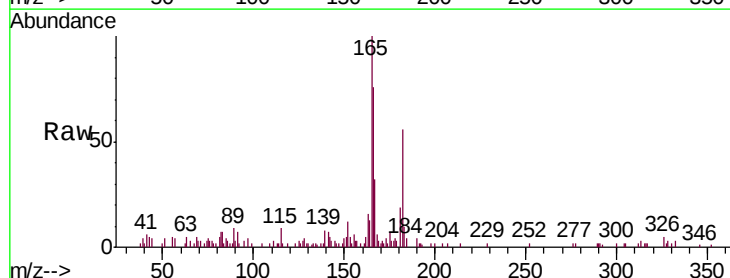
Tgt Ion:204 Resp: 114

Ion Ratio Lower Upper

204 100

206 0.0 27.6 41.4#

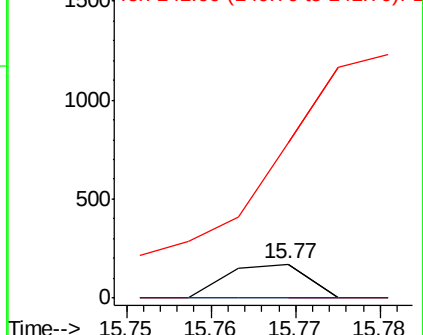
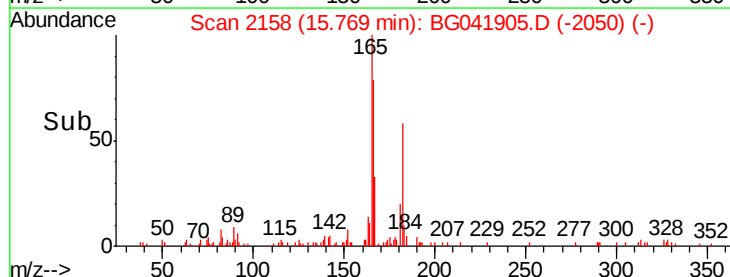
141 453.2 39.0 58.6#

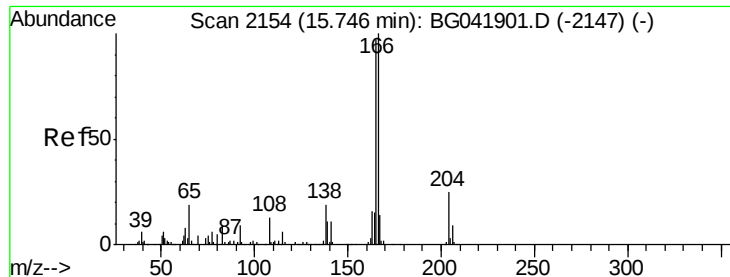


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

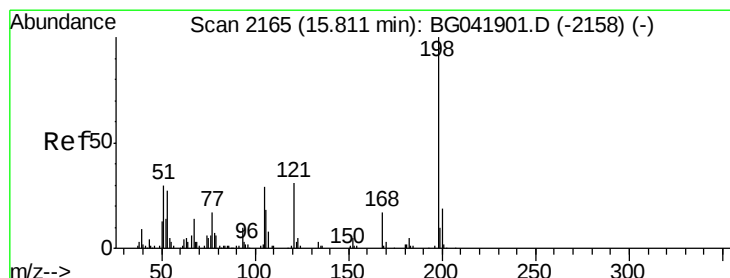
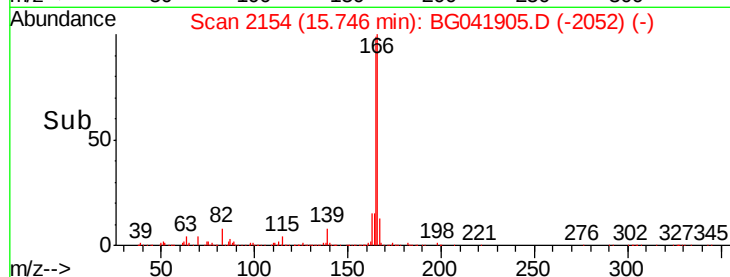
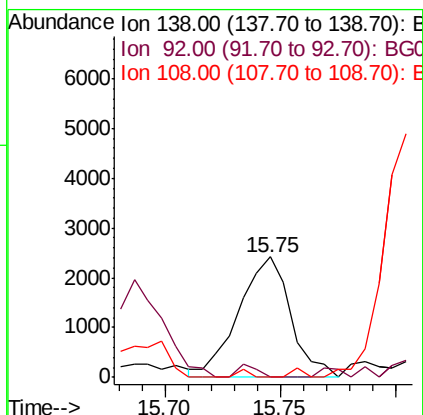
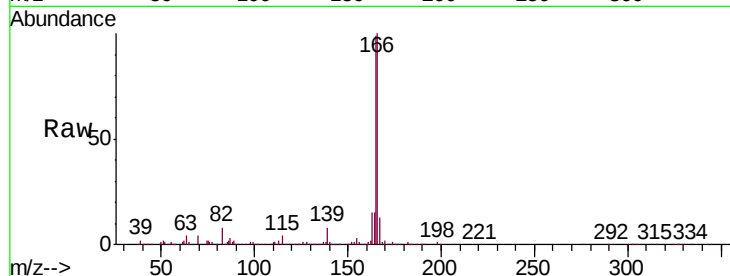




#60
4-Nitroaniline
Concen: 0.839 ng/ul
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

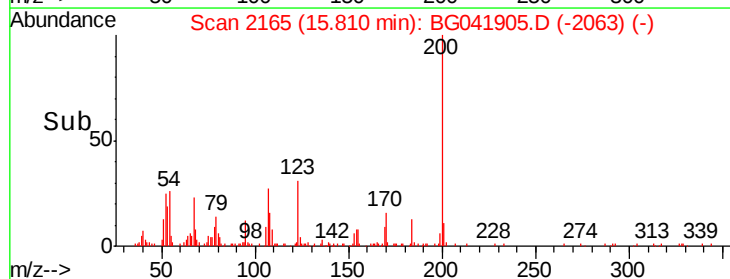
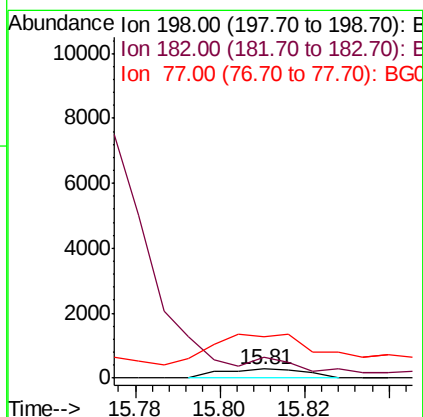
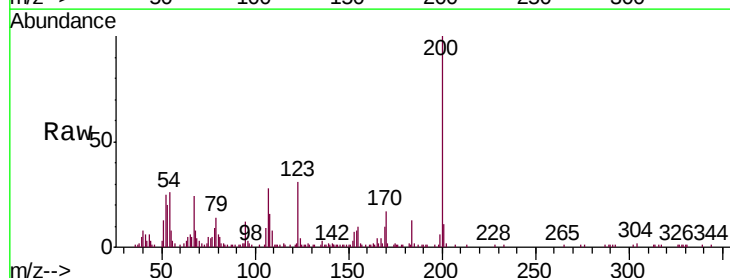
Instrument :
BNA_G
ClientSampleId :
BENP0

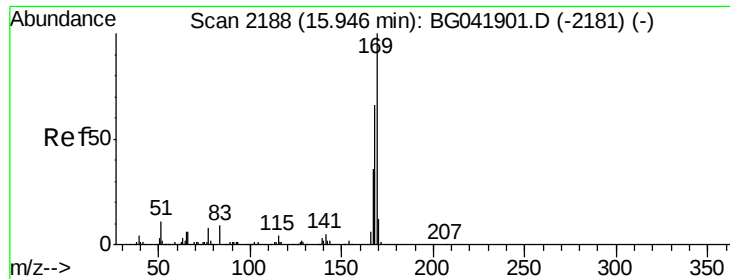
Tgt Ion:138 Resp: 3806
Ion Ratio Lower Upper
138 100
92 0.0 34.6 51.8#
108 0.0 54.2 81.2#



#63
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng/ul
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion:198 Resp: 401
Ion Ratio Lower Upper
198 100
182 233.7 3.4 5.0#
77 461.3 13.2 19.8#

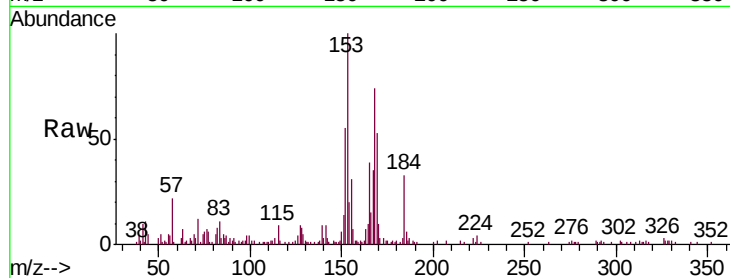




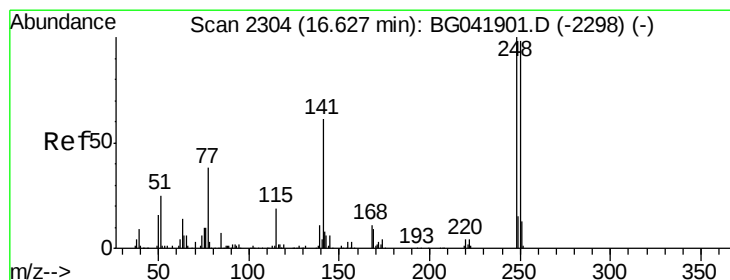
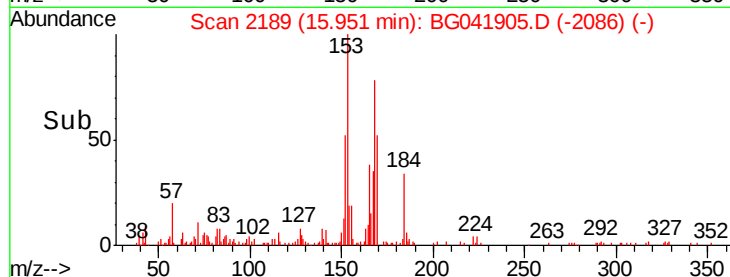
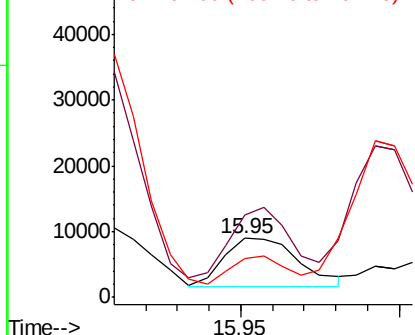
#64
N-Nitrosodiphenylamine
Concen: 0.674 ng/ul
RT: 15.95 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Instrument :
BNA_G
ClientSampled :
BENP0

Tgt Ion:169 Resp: 12072
Ion Ratio Lower Upper
169 100
168 140.3 55.0 82.4#
167 65.8 29.5 44.3#

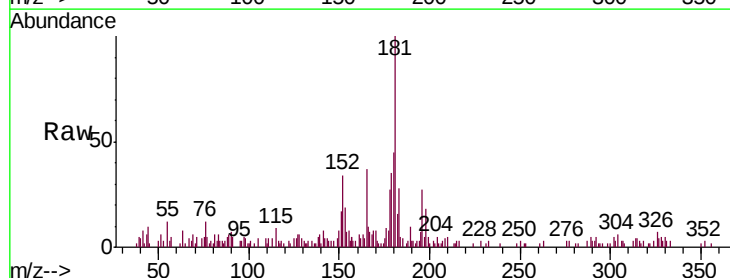


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

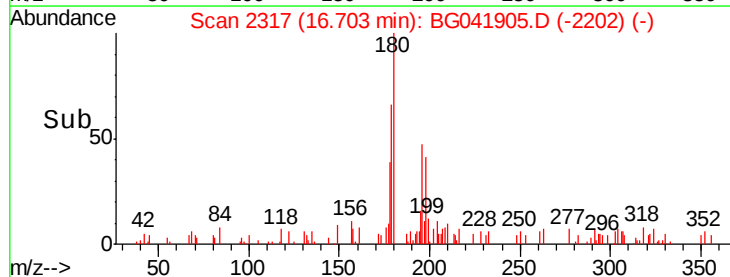
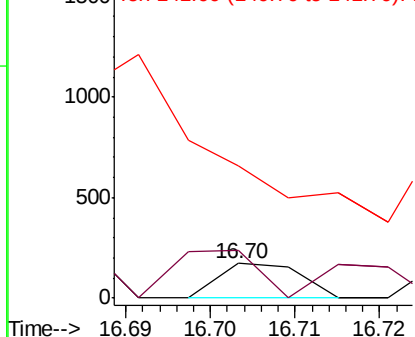


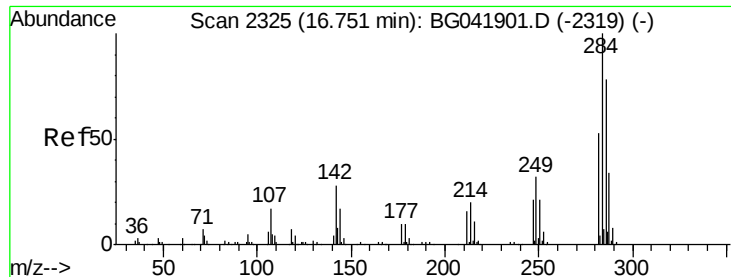
#65
4-Bromophenyl-phenylether
Concen: 0.014 ng/ul
RT: 16.70 min Scan# 2317
Delta R.T. 0.08 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion:248 Resp: 115
Ion Ratio Lower Upper
248 100
250 136.8 76.1 114.1#
141 378.2 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

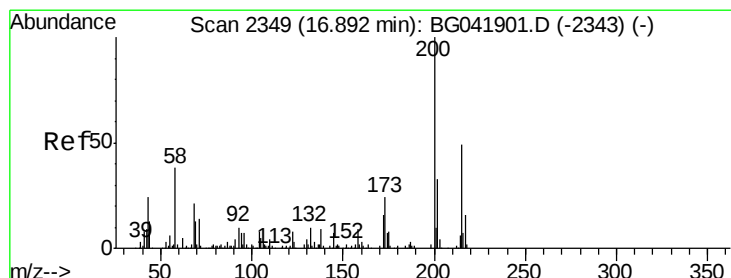
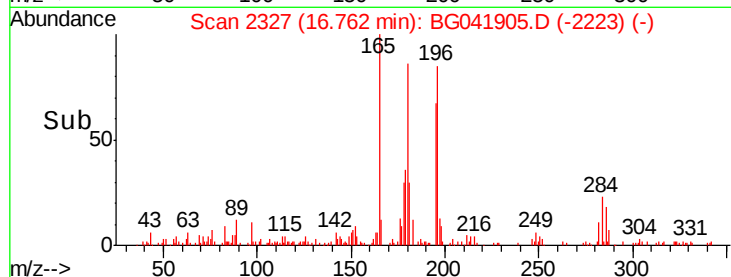
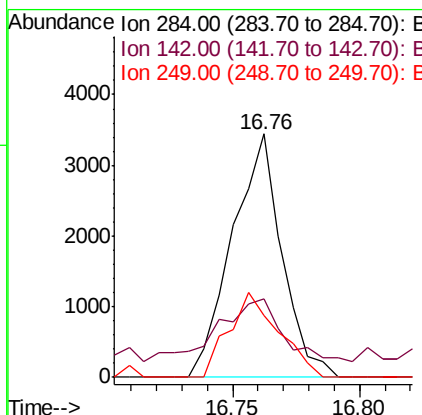
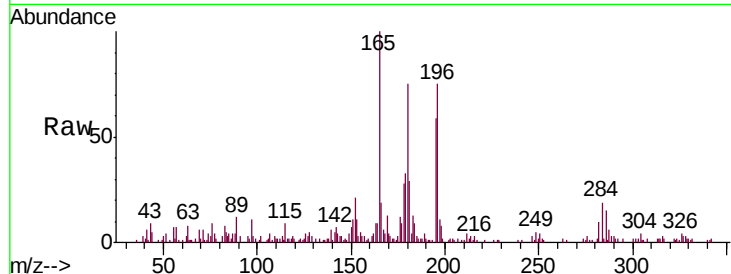




#66
Hexachlorobenzene
Concen: 0.587 ng/ul
RT: 16.76 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

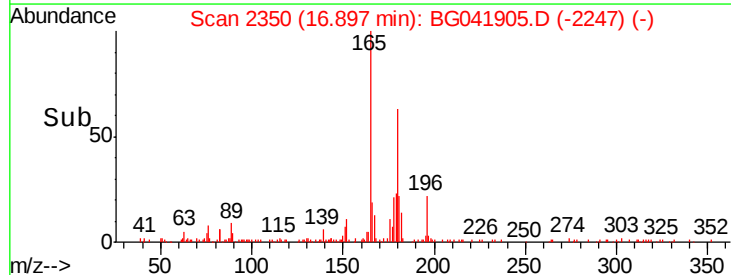
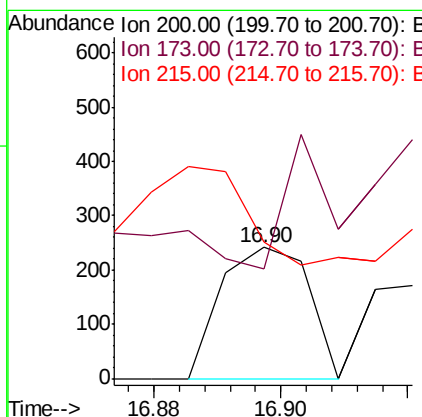
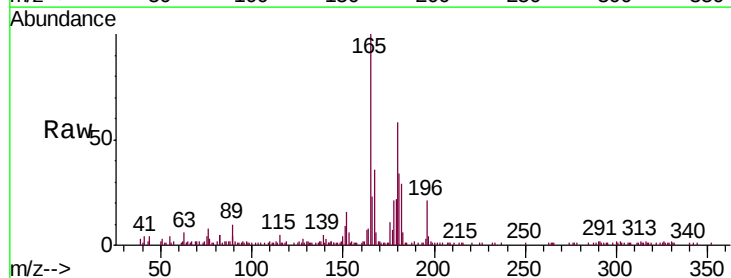
Instrument :
BNA_G
ClientSampleId :
BENP0

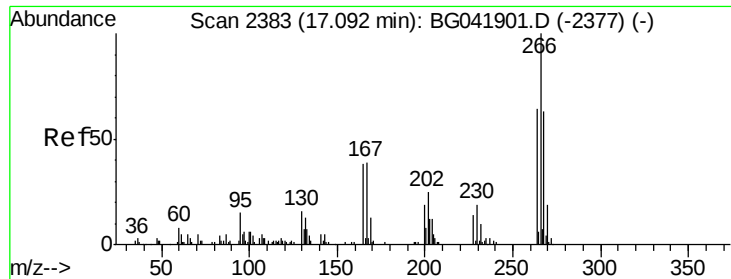
Tgt Ion: 284 Resp: 4710
Ion Ratio Lower Upper
284 100
142 32.5 24.4 36.6
249 25.5 27.2 40.8#



#67
Atrazine
Concen: 0.031 ng/ul
RT: 16.90 min Scan# 2350
Delta R.T. 0.01 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion: 200 Resp: 229
Ion Ratio Lower Upper
200 100
173 84.2 19.0 28.6#
215 104.6 43.0 64.6#

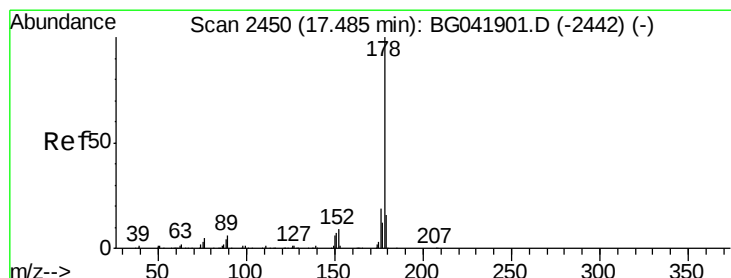
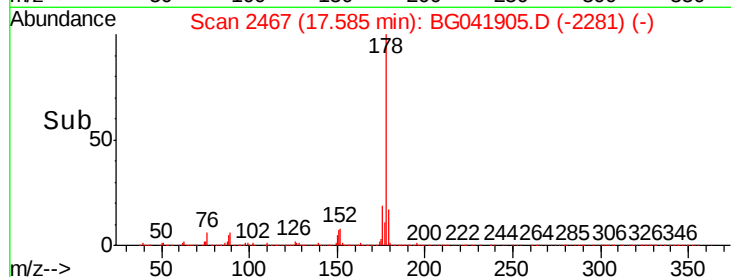
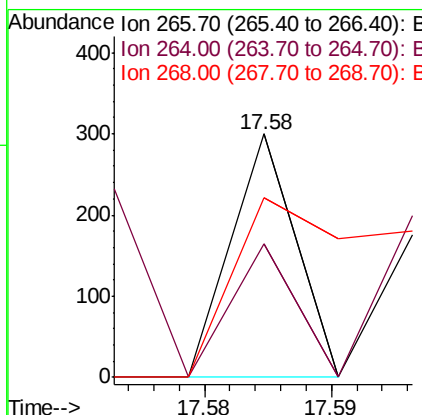
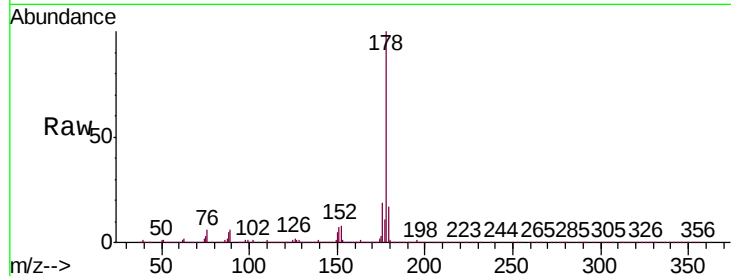




#68
 Pentachlorophenol
 Concen: 0.024 ng/ul
 RT: 17.58 min Scan# 2467
 Delta R.T. 0.49 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

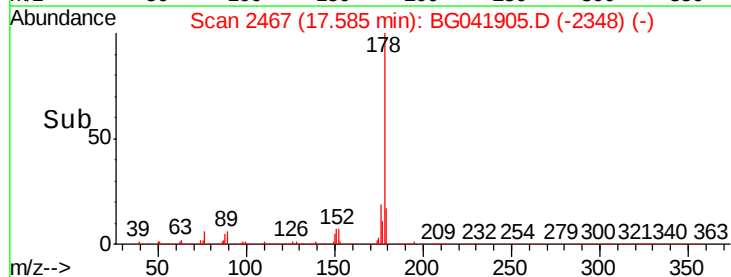
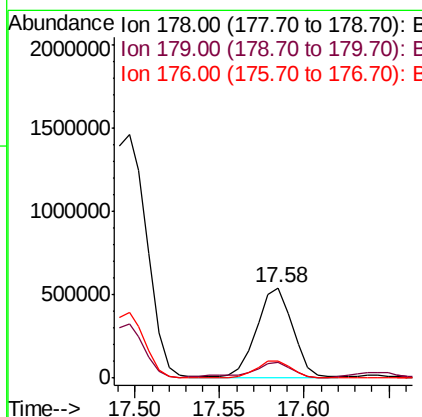
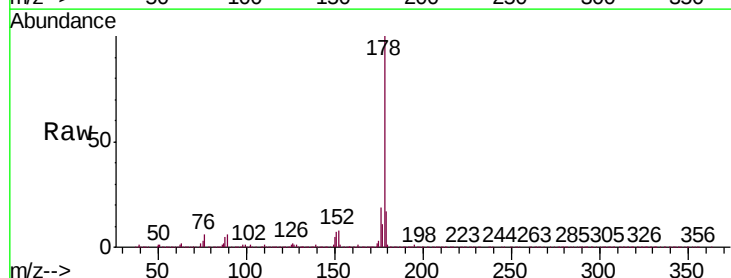
Instrument :
 BNA_G
 ClientSampleId :
 BENP0

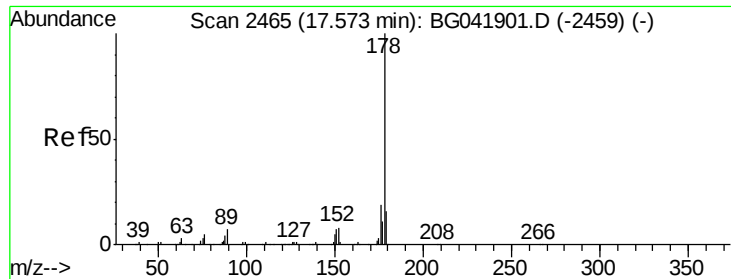
Tgt Ion:266 Resp: 106
 Ion Ratio Lower Upper
 266 100
 264 54.7 52.3 78.5
 268 73.7 53.2 79.8



#69
 Phenanthrene
 Concen: 24.692 ng/ul
 RT: 17.58 min Scan# 2467
 Delta R.T. 0.10 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Tgt Ion:178 Resp: 816257
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.8 19.2
 176 18.9 15.4 23.2

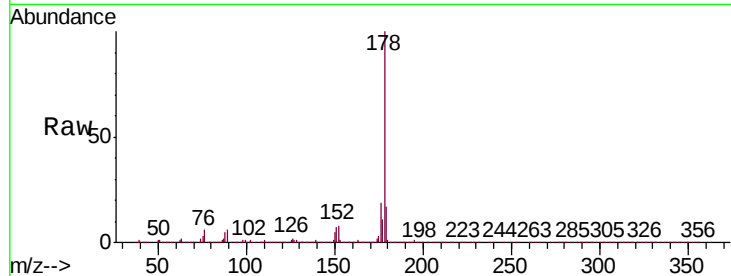




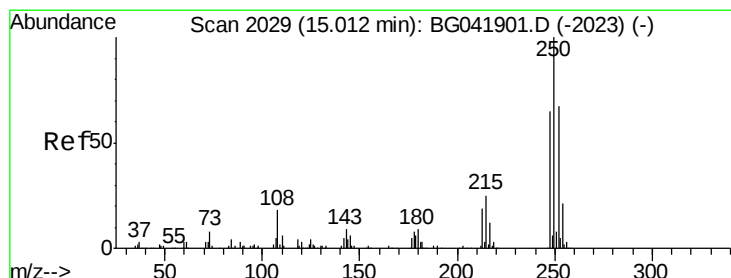
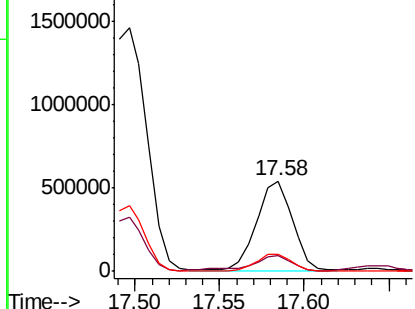
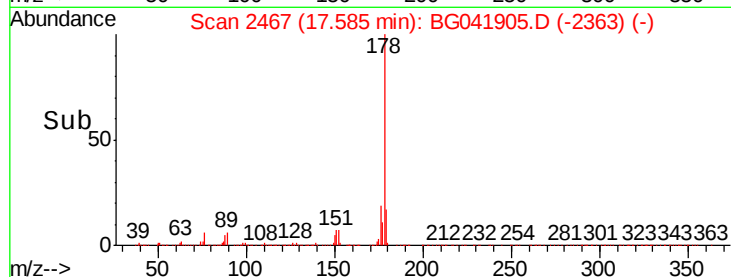
#71
 Anthracene
 Concen: 24.345 ng/ul
 RT: 17.58 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Instrument :
 BNA_G
 ClientSampleId :
 BENP0

Tgt Ion:178 Resp: 816257
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.4 20.0
 176 18.9 15.4 23.2

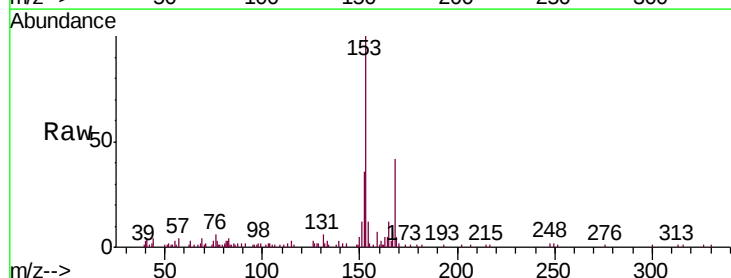


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

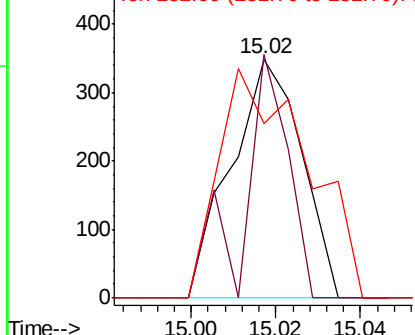
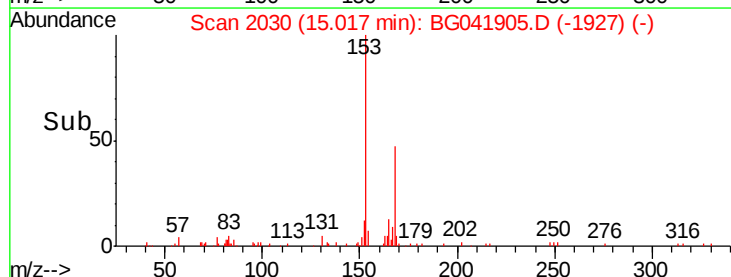


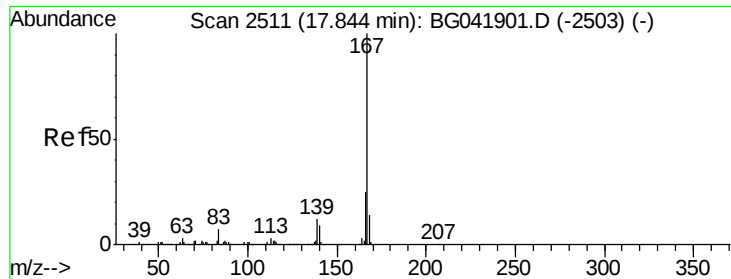
#73
 Pentachlorobenzene
 Concen: 0.042 ng/uL
 RT: 15.02 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Tgt Ion:250 Resp: 405
 Ion Ratio Lower Upper
 250 100
 248 102.0 50.9 76.3#
 252 72.8 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: 5.583 ng/ul

RT: 17.84 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

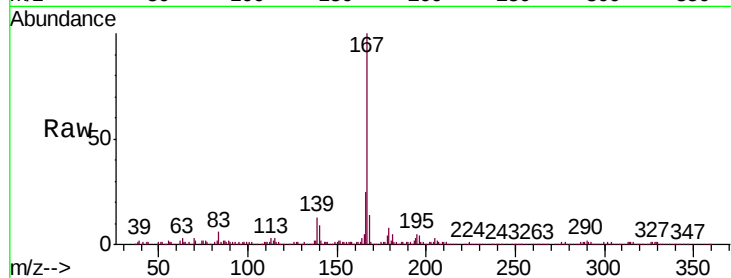
Tgt Ion:167 Resp: 155062

Ion Ratio Lower Upper

167 100

166 24.7 18.2 27.4

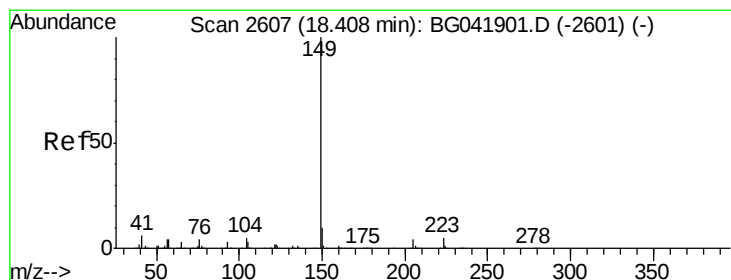
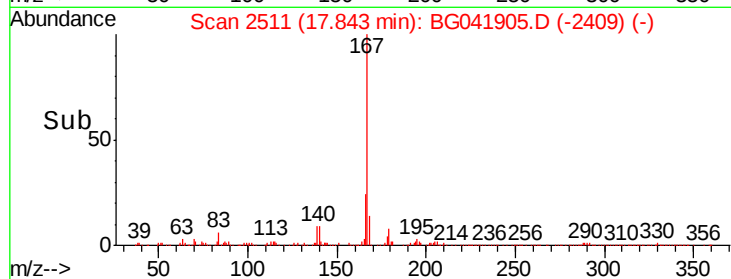
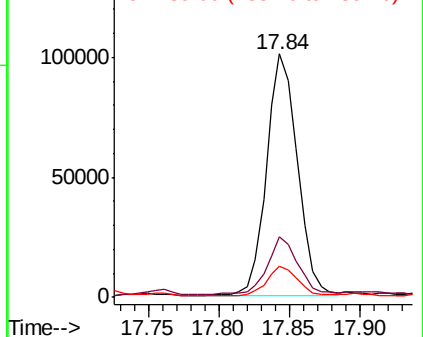
139 13.0 9.6 14.4



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: 0.117 ng/ul

RT: 18.41 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

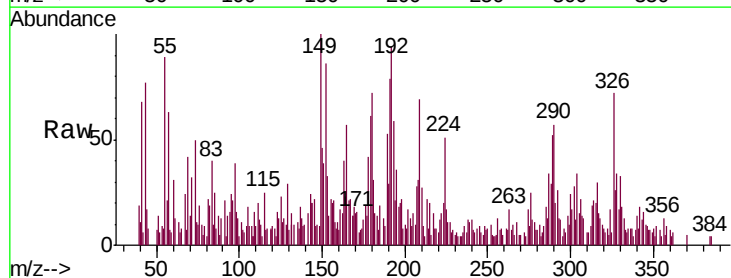
Tgt Ion:149 Resp: 4020

Ion Ratio Lower Upper

149 100

150 46.2 8.3 12.5#

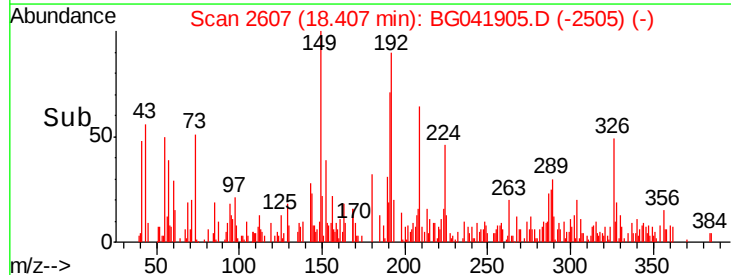
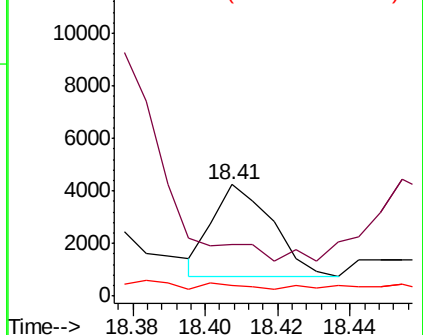
104 9.1 3.9 5.9#

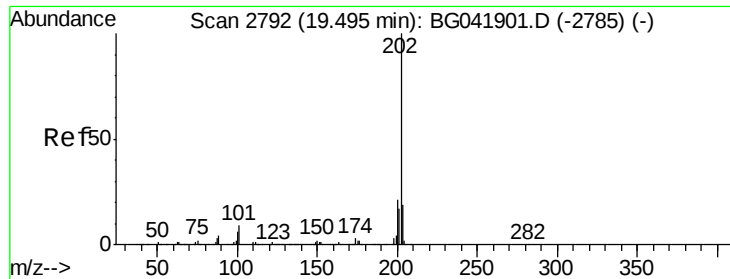


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

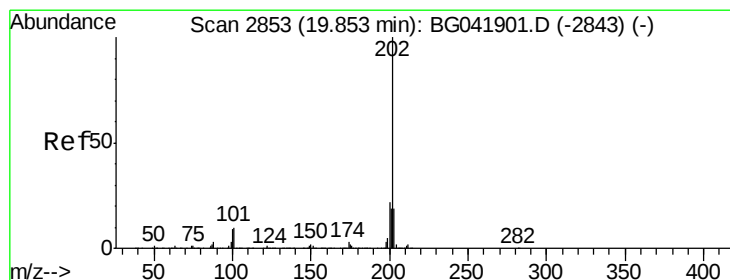
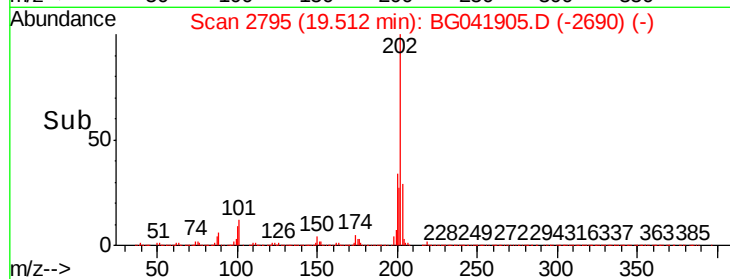
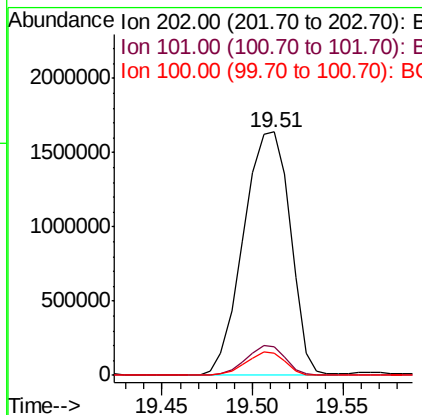
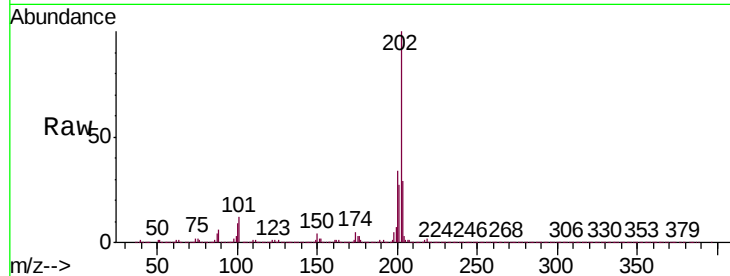




#76
 Fluoranthene
 Concen: 76.873 ng/ul
 RT: 19.51 min Scan# 2795
 Delta R.T. 0.02 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

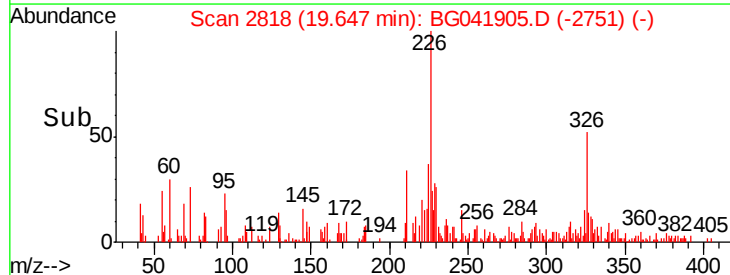
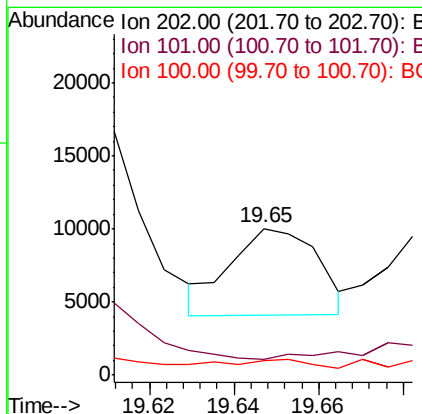
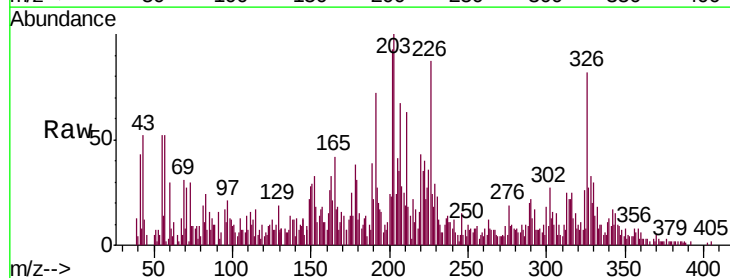
Instrument :
 BNA_G
 ClientSampleId :
 BENP0

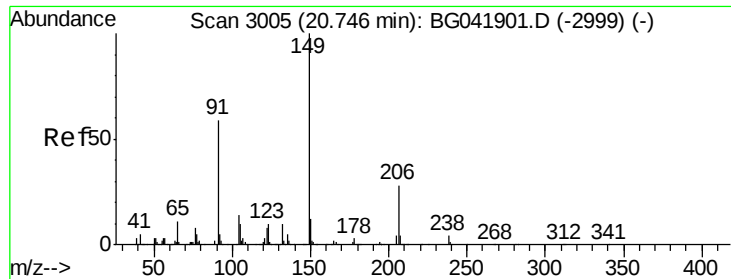
Tgt Ion:202 Resp: 2936234
 Ion Ratio Lower Upper
 202 100
 101 11.9 6.7 10.1#
 100 9.1 5.3 7.9#



#79
 Pyrene
 Concen: 0.209 ng/ul
 RT: 19.65 min Scan# 2818
 Delta R.T. -0.21 min
 Lab File: BG041905.D
 Acq: 3 Aug 2019 12:05

Tgt Ion:202 Resp: 8508
 Ion Ratio Lower Upper
 202 100
 101 10.8 7.6 11.4
 100 9.5 6.5 9.7

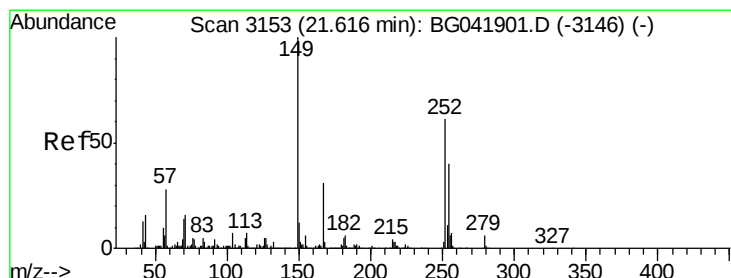
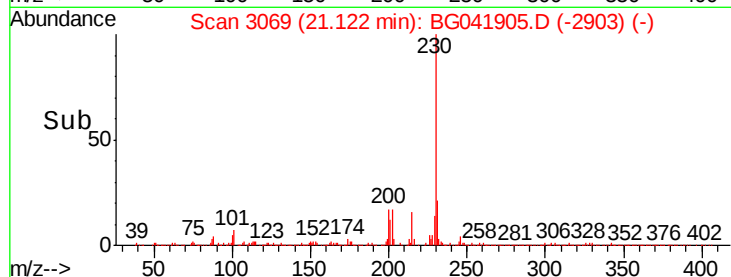
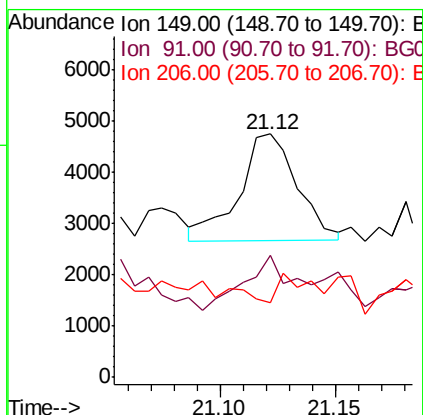
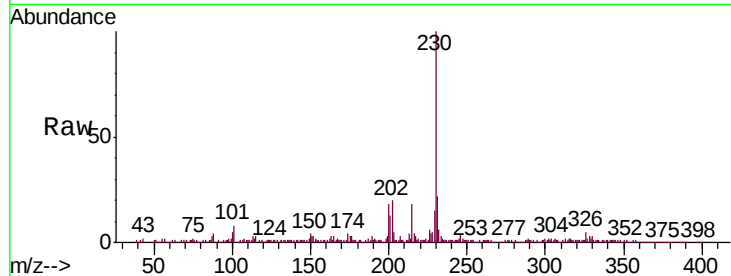




#80
Butylbenzylphthalate
Concen: 0.225 ng/ul
RT: 21.12 min Scan# 3069
Delta R.T. 0.38 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

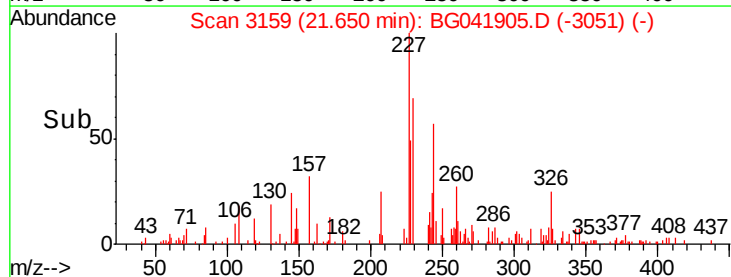
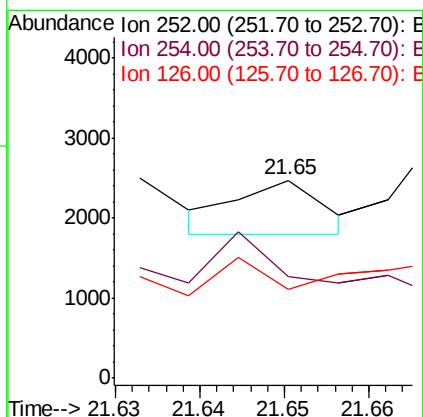
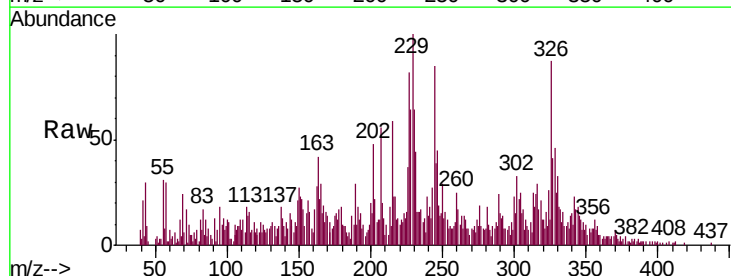
Instrument :
BNA_G
ClientSampleId :
BENP0

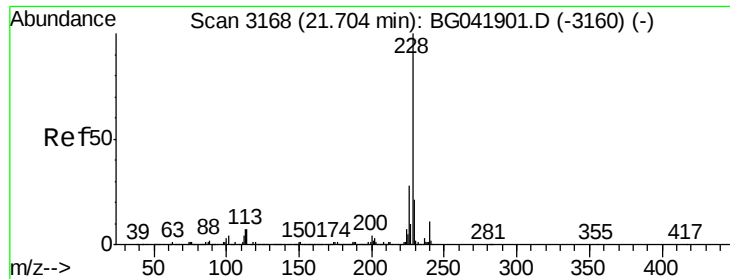
Tgt Ion:149 Resp: 3598
Ion Ratio Lower Upper
149 100
91 50.2 49.5 74.3
206 30.6 21.3 31.9



#81
3,3'-Dichlorobenzidine
Concen: 0.035 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.03 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion:252 Resp: 479
Ion Ratio Lower Upper
252 100
254 51.5 53.1 79.7#
126 44.9 6.9 10.3#





#82

Benzo(a)anthracene

Concen: 54.468 ng/ul

RT: 21.72 min Scan# 3171

Delta R.T. 0.02 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

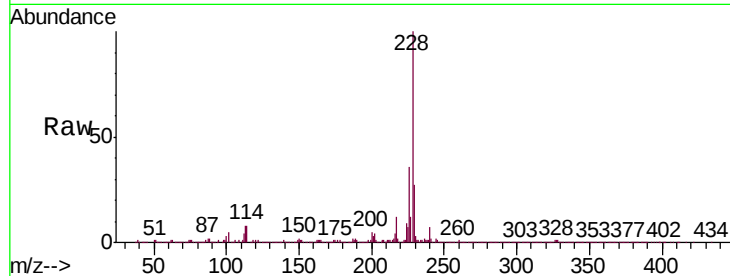
Tgt Ion:228 Resp: 2280417

Ion Ratio Lower Upper

228 100

229 27.3 17.0 25.6#

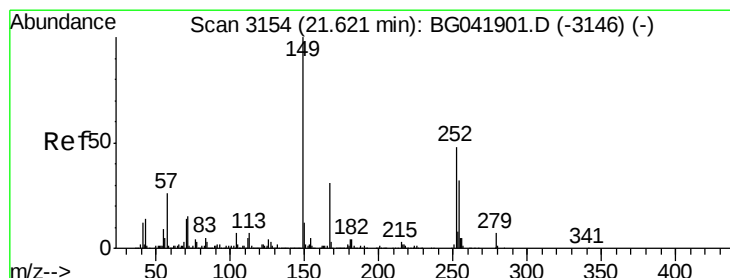
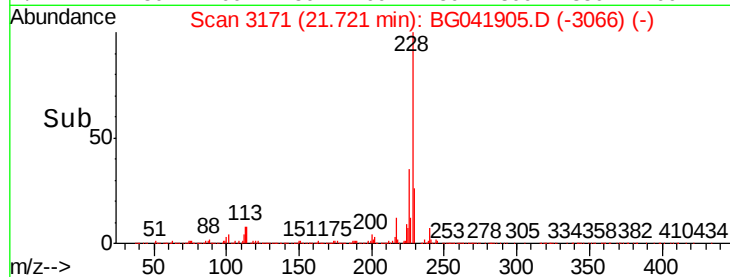
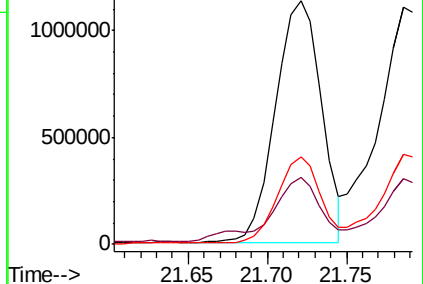
226 36.0 23.3 34.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.975 ng/ul

RT: 21.63 min Scan# 3155

Delta R.T. 0.01 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

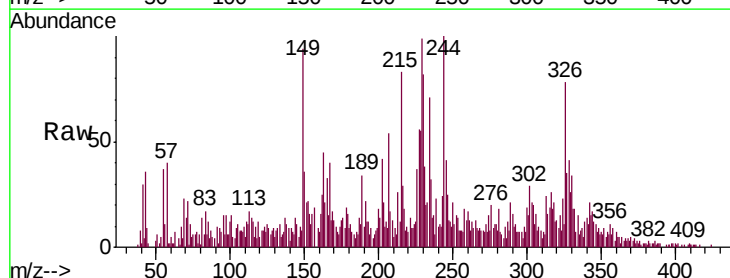
Tgt Ion:149 Resp: 21273

Ion Ratio Lower Upper

149 100

167 42.3 25.0 37.4#

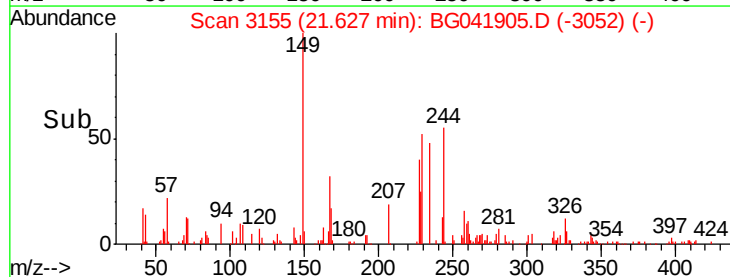
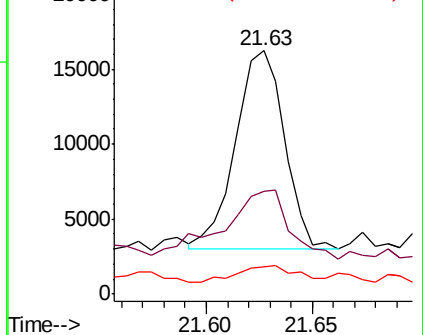
279 11.4 5.2 7.8#

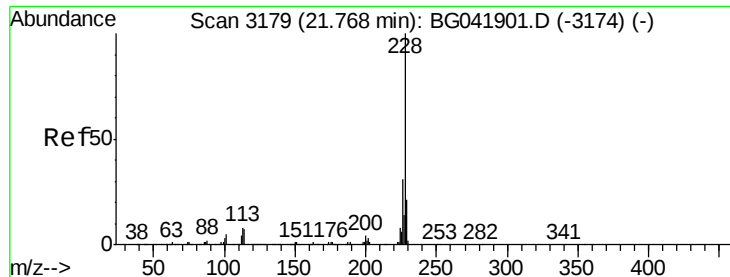


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 59.335 ng/ul

RT: 21.79 min Scan# 3182

Delta R.T. 0.02 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampled :

BENP0

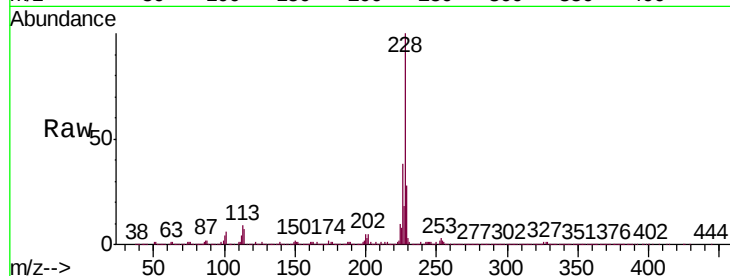
Tgt Ion:228 Resp: 2318618

Ion Ratio Lower Upper

228 100

226 38.1 25.7 38.5

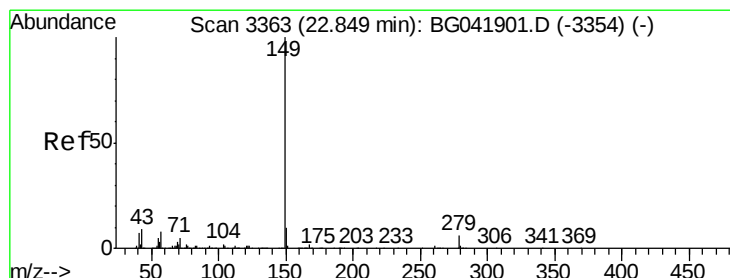
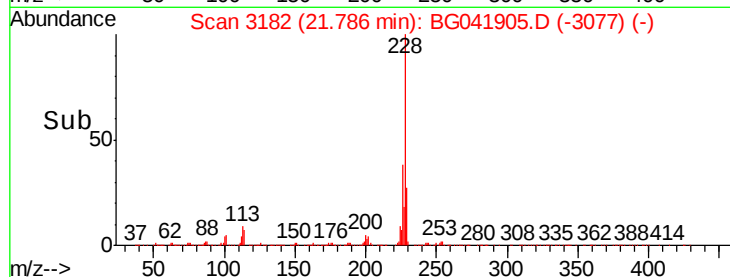
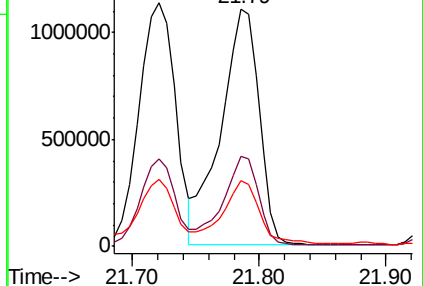
229 27.9 16.6 24.8#



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



#86

Di-n-octyl phthalate

Concen: 0.019 ng/ul

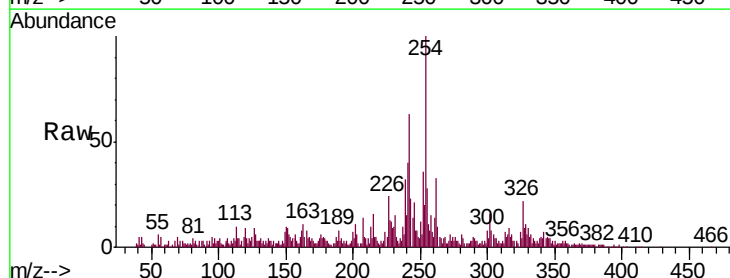
RT: 22.90 min Scan# 3372

Delta R.T. 0.05 min

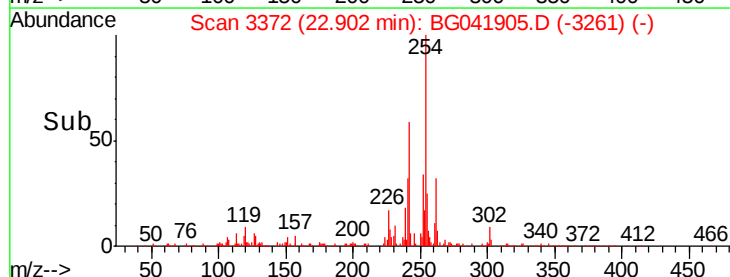
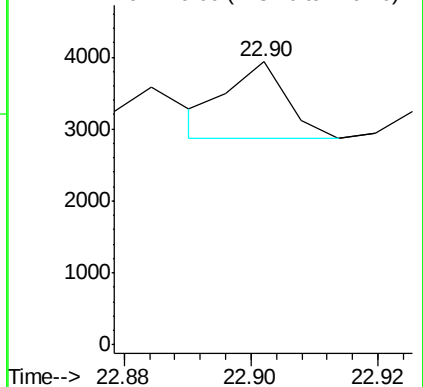
Lab File: BG041905.D

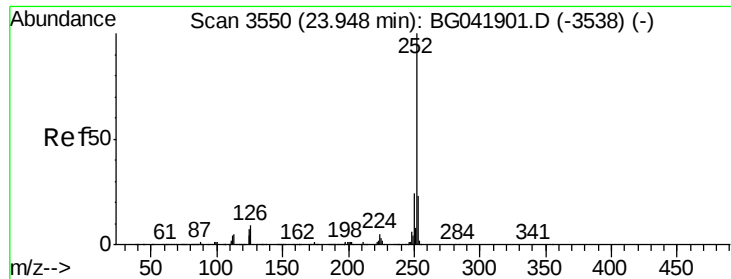
Acq: 3 Aug 2019 12:05

Tgt Ion:149 Resp: 674



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 55.216 ng/ul

RT: 23.99 min Scan# 3557

Delta R.T. 0.04 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

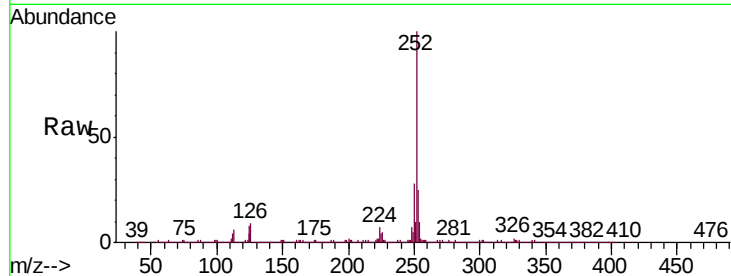
Tgt Ion:252 Resp: 2436527

Ion Ratio Lower Upper

252 100

253 25.4 18.4 27.6

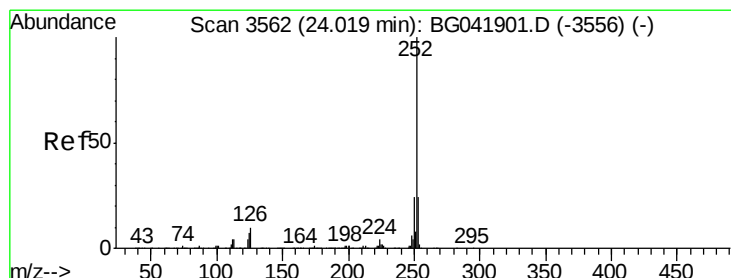
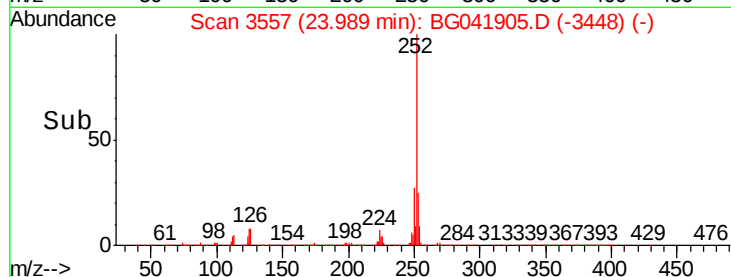
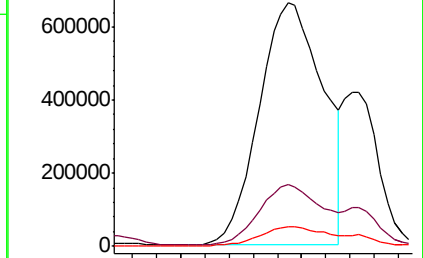
125 7.9 5.8 8.8



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: 57.428 ng/ul

RT: 23.99 min Scan# 3557

Delta R.T. -0.03 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

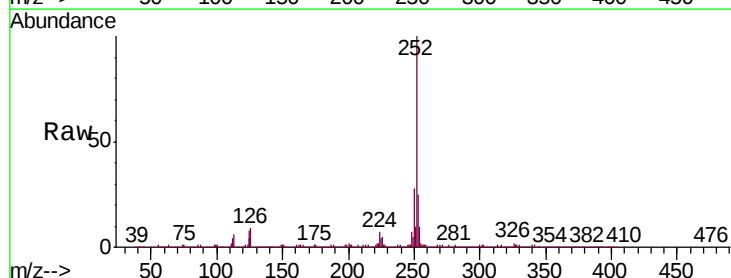
Tgt Ion:252 Resp: 2436527

Ion Ratio Lower Upper

252 100

253 25.4 18.3 27.5

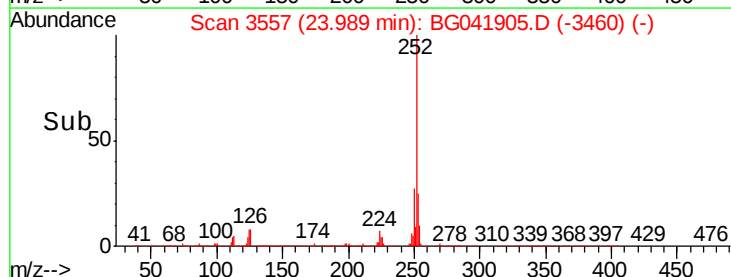
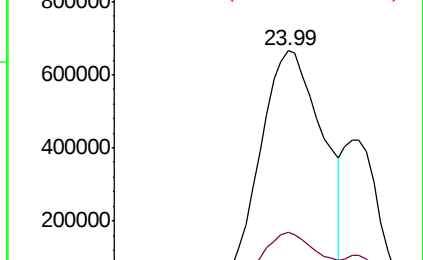
125 7.9 5.5 8.3

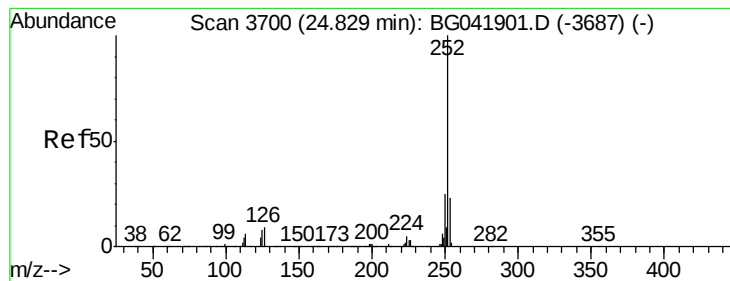


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

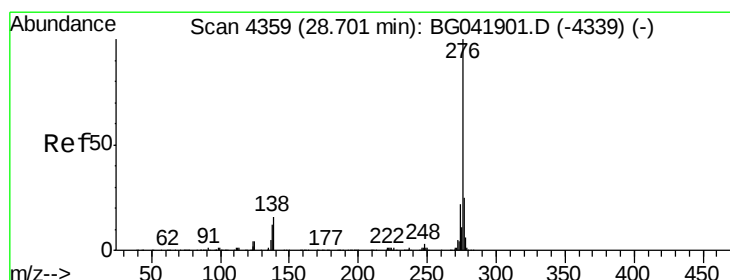
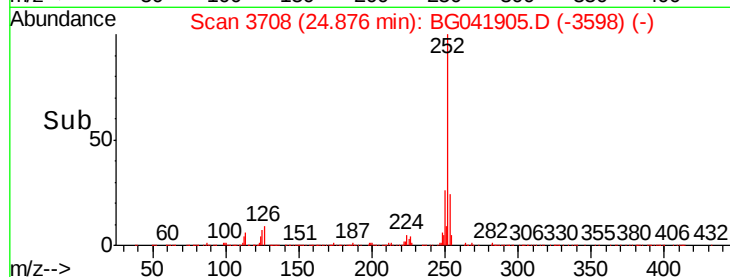
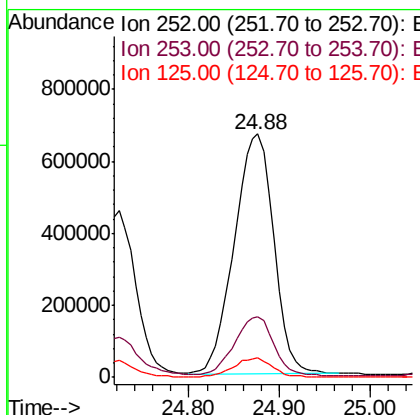
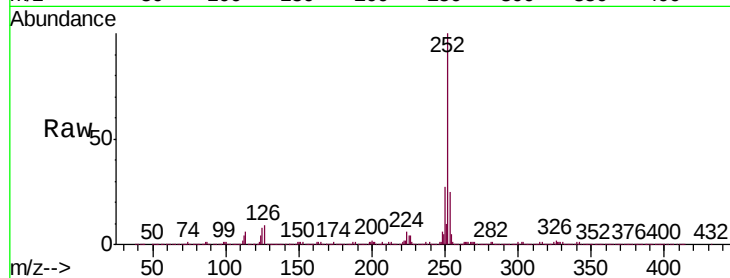




#90
Benzo(a)pyrene
Concen: 47.610 ng/ul
RT: 24.88 min Scan# 3708
Delta R.T. 0.05 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

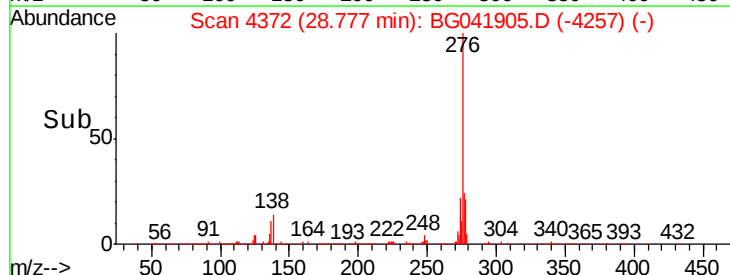
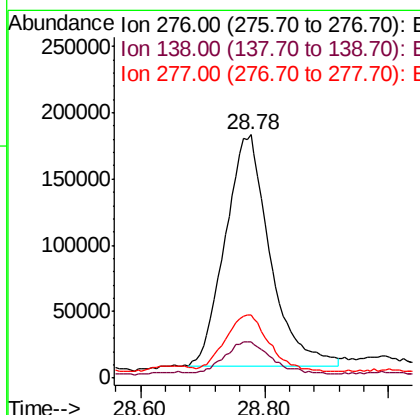
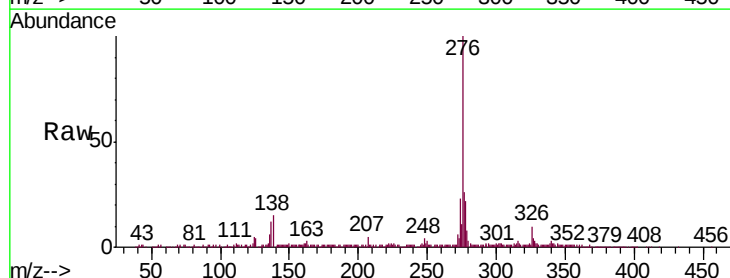
Instrument :
BNA_G
ClientSampleId :
BENP0

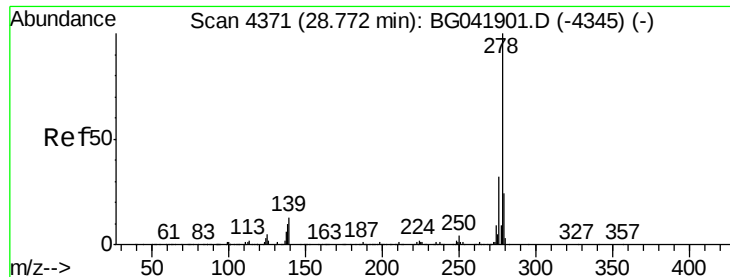
Tgt Ion:252 Resp: 2001960
Ion Ratio Lower Upper
252 100
253 25.0 18.3 27.5
125 7.8 6.5 9.7



#91
Indeno(1,2,3-cd)pyrene
Concen: 17.892 ng/ul
RT: 28.78 min Scan# 4372
Delta R.T. 0.08 min
Lab File: BG041905.D
Acq: 3 Aug 2019 12:05

Tgt Ion:276 Resp: 877529
Ion Ratio Lower Upper
276 100
138 15.0 12.0 18.0
277 25.7 19.2 28.8





#92

Dibenzo(a,h)anthracene

Concen: 6.807 ng/ul

RT: 28.81 min Scan# 4377

Delta R.T. 0.03 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

Instrument :

BNA_G

ClientSampleId :

BENP0

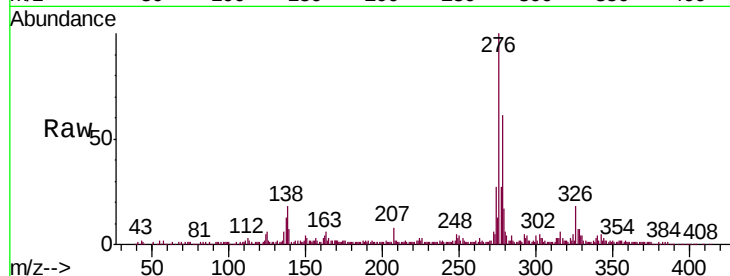
Tgt Ion:278 Resp: 272318

Ion Ratio Lower Upper

278 100

139 12.3 9.4 14.0

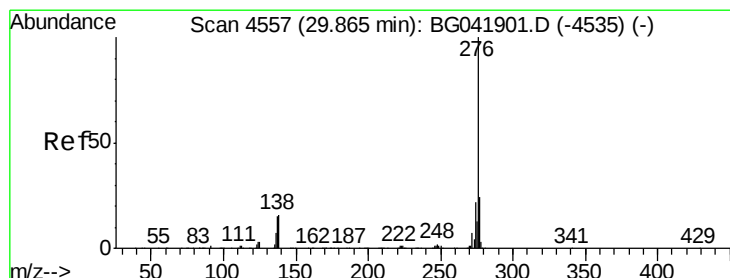
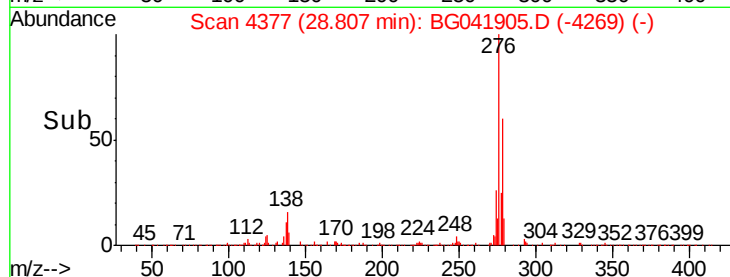
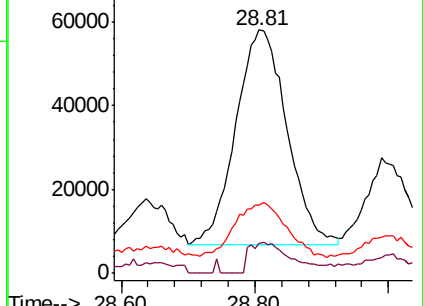
279 28.1 19.2 28.8



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



#93

Benzo(g,h,i)perylene

Concen: 19.572 ng/ul

RT: 29.94 min Scan# 4570

Delta R.T. 0.08 min

Lab File: BG041905.D

Acq: 3 Aug 2019 12:05

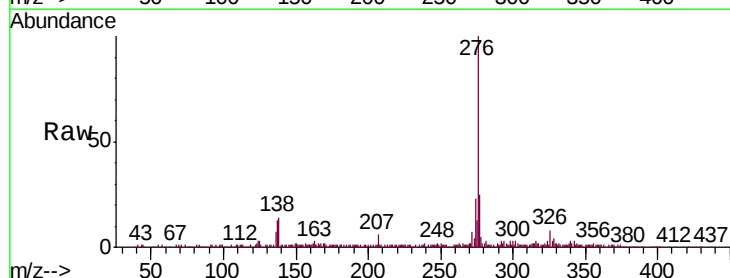
Tgt Ion:276 Resp: 801436

Ion Ratio Lower Upper

276 100

138 14.4 12.6 18.8

277 25.3 19.2 28.8



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

