

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
 Data File : BG041106.D
 Acq On : 7 Jun 2019 17:57
 Operator : HP/JU
 Sample : K3189-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Quant Time: Jun 08 06:59:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49628	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	209823	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	149913	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	350830	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	340070	20.00	ng	-0.02
87) Perylene-d12	25.09	264	362658	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	365310	132.73	ng	-0.01
7) Phenol-d6	7.26	99	556349	130.89	ng	-0.01
23) Nitrobenzene-d5	9.29	82	374327	79.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	259056	116.40	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	776386	74.58	ng	-0.02
79) Terphenyl-d14	20.08	244	1171172	73.09	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	34875	27.925	ng	96
3) Pyridine	3.91	79	99669	26.971	ng	100
4) n-Nitrosodimethylamine	3.83	42	63640	37.106	ng	85
6) Aniline	7.43	93	108240	19.078	ng	98
8) 2-Chlorophenol	7.67	128	138691	42.269	ng	95
9) Benzaldehyde	7.24	77	49873	19.670	ng	87
10) Phenol	7.28	94	192195	42.172	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	126641	38.305	ng	99
12) 1,3-Dichlorobenzene	7.99	146	140087	35.747	ng	98
13) 1,4-Dichlorobenzene	8.14	146	142017	35.802	ng	98
14) 1,2-Dichlorobenzene	8.46	146	140445	36.465	ng	98
15) Benzyl Alcohol	8.35	79	163044	41.467	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	198289	36.704	ng	97
17) 2-Methylphenol	8.54	107	134380	40.724	ng	96
18) Hexachloroethane	9.19	117	56192	36.754	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	126908	38.798	ng	97
20) 3+4-Methylphenols	8.87	107	187153	40.945	ng	99
22) Acetophenone	8.94	105	234918	39.912	ng	# 97
24) Nitrobenzene	9.33	77	191509	39.760	ng	96
25) Isophorone	9.85	82	360062	40.030	ng	99
26) 2-Nitrophenol	10.04	139	85058	42.836	ng	93
27) 2,4-Dimethylphenol	10.08	122	148294	45.219	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	189040	38.940	ng	99
29) 2,4-Dichlorophenol	10.57	162	169975	40.815	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	180373	38.074	ng	98
31) Naphthalene	10.98	128	445725	39.565	ng	98
32) Benzoic acid	10.22	122	79249	33.944	ng	96
33) 4-Chloroaniline	11.09	127	57865	11.070	ng	96
34) Hexachlorobutadiene	11.24	225	132607	36.582	ng	99
35) Caprolactam	11.88	113	27388	19.915	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	188909	39.719	ng	95
37) 2-Methylnaphthalene	12.58	142	330221	38.059	ng	98
38) 1-Methylnaphthalene	12.80	142	319737	39.106	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	245409	40.615	ng	98

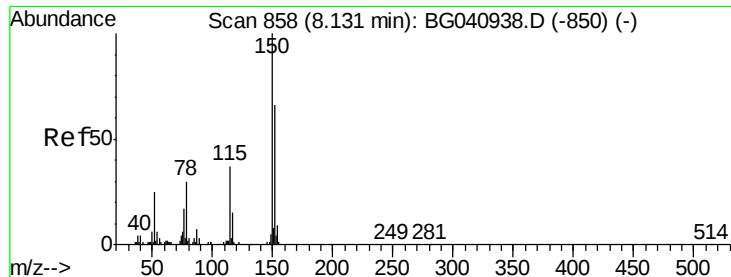
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	303898	92.168	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	159666	40.847	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	167255	40.572	ng	97
46) 1,1'-Biphenyl	13.57	154	448339	40.402	ng	99
47) 2-Chloronaphthalene	13.62	162	372311	39.082	ng	98
48) 2-Nitroaniline	13.83	65	129356	37.850	ng	98
49) Acenaphthylene	14.46	152	563637	39.311	ng	99
50) Dimethylphthalate	14.19	163	622420	49.047	ng	99
51) 2,6-Dinitrotoluene	14.32	165	105479	38.551	ng	98
52) Acenaphthene	14.81	154	327952	37.757	ng	97
53) 3-Nitroaniline	14.65	138	63095	23.061	ng	99
54) 2,4-Dinitrophenol	14.86	184	140957	92.577	ng	98
55) Dibenzofuran	15.13	168	566046	38.730	ng	100
56) 4-Nitrophenol	14.95	139	163225	86.976	ng	93
57) 2,4-Dinitrotoluene	15.10	165	149081	38.572	ng	# 98
58) Fluorene	15.79	166	439684	37.776	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	160625	39.648	ng	93
60) Diethylphthalate	15.54	149	473076	36.529	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	277362	36.662	ng	97
62) 4-Nitroaniline	15.82	138	103609	35.770	ng	94
63) Azobenzene	16.06	77	432747	36.765	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	93570	49.455	ng	97
66) n-Nitrosodiphenylamine	15.99	169	397567	40.312	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	176040	37.182	ng	94
68) Hexachlorobenzene	16.78	284	180918	35.885	ng	98
69) Atrazine	16.93	200	166157	43.663	ng	96
70) Pentachlorophenol	17.13	266	227982	84.179	ng	98
71) Phenanthrene	17.53	178	729453	39.917	ng	98
72) Anthracene	17.62	178	732909	40.665	ng	99
73) Carbazole	17.89	167	638172	41.266	ng	100
74) Di-n-butylphthalate	18.42	149	717659	37.338	ng	99
75) Fluoranthene	19.53	202	906006	40.139	ng	99
77) Benzidine	19.71	184	193056	23.797	ng	96
78) Pyrene	19.89	202	897344	40.591	ng	99
80) Butylbenzylphthalate	20.76	149	355382	41.309	ng	97
81) Benzo(a)anthracene	21.74	228	873711	38.596	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	179167	22.503	ng	96
83) Chrysene	21.81	228	856176	39.523	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	596863	49.284	ng	100
85) Di-n-octyl phthalate	22.85	149	797337	39.532	ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1028628	38.763	ng	99
88) Benzo(b)fluoranthene	24.02	252	862310	39.202	ng	100
89) Benzo(k)fluoranthene	24.09	252	856445	39.346	ng	99
90) Benzo(a)pyrene	24.93	252	854758	40.730	ng	96
91) Dibenzo(a,h)anthracene	28.97	278	833943	39.769	ng	98
92) Benzo(g,h,i)perylene	30.12	276	852214	41.831	ng	98

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

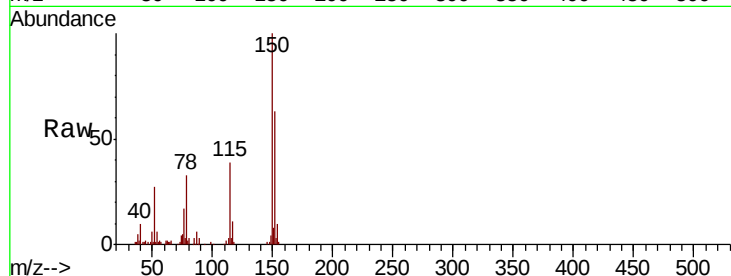


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	120.6	180.8
115	62.2	45.1	67.7

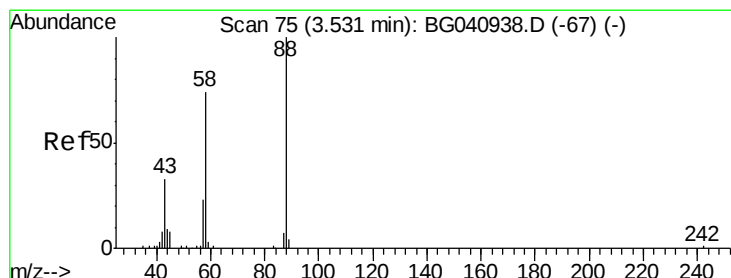
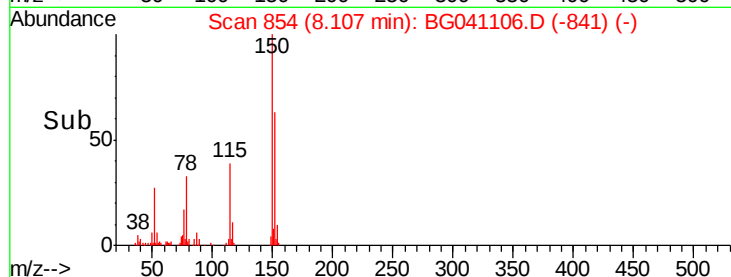
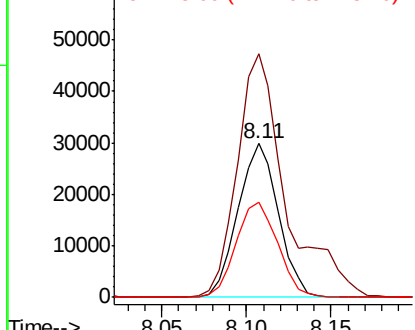


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

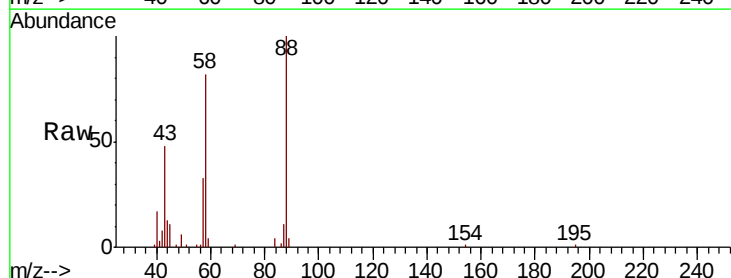
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.925 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	59.0	88.6
43	33.2	27.2	40.8

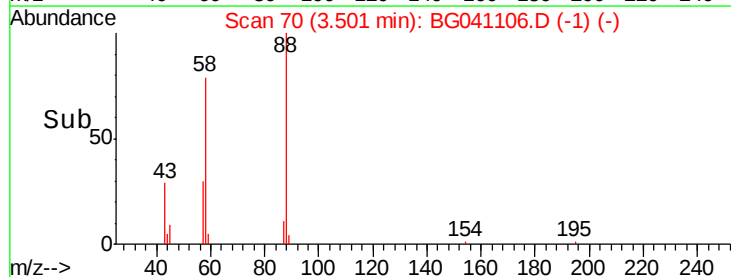
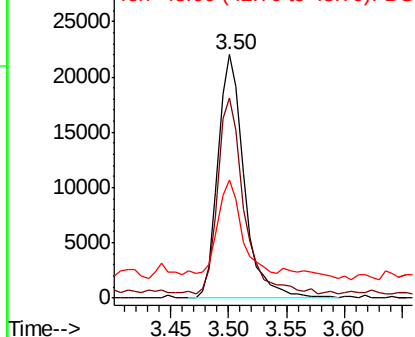


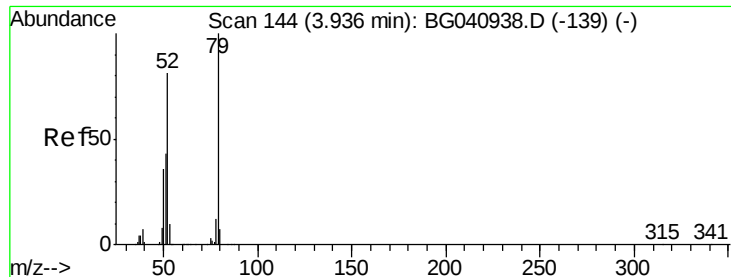
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.971 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

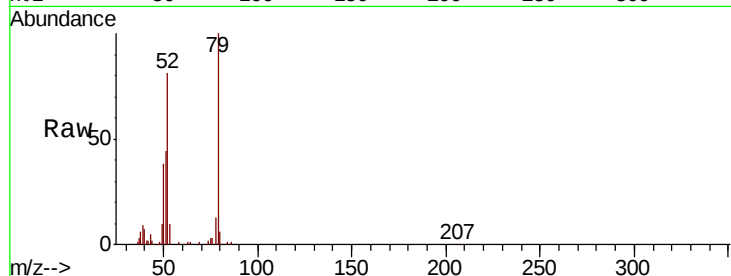
Tgt Ion: 79 Resp: 99669

Ion Ratio Lower Upper

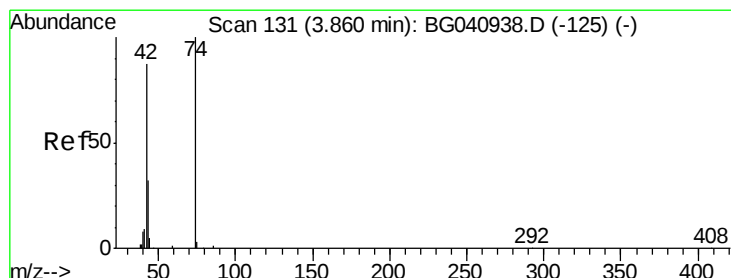
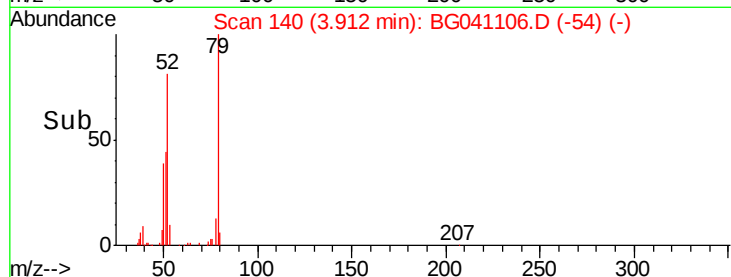
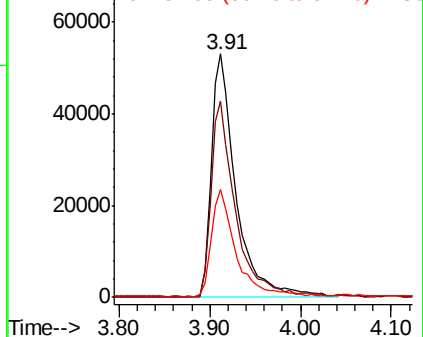
79 100

52 80.7 64.8 97.2

51 44.3 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.106 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

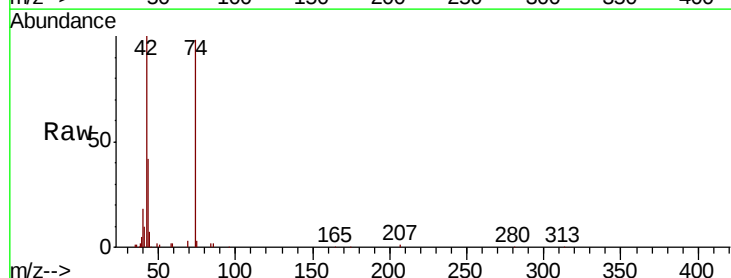
Tgt Ion: 42 Resp: 63640

Ion Ratio Lower Upper

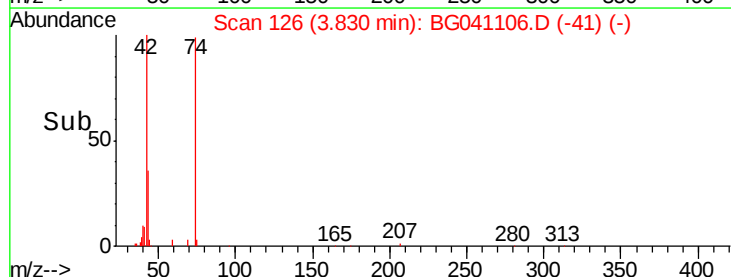
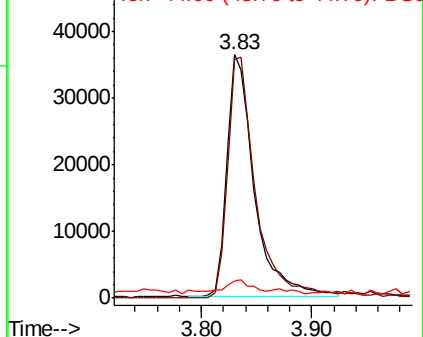
42 100

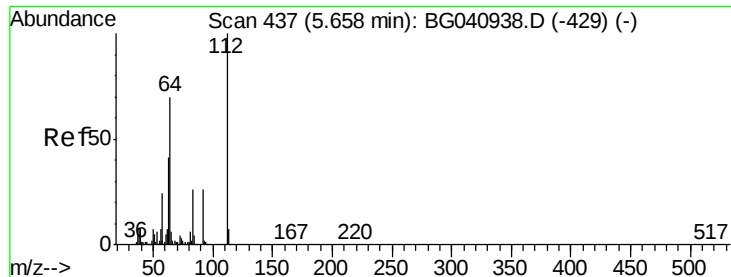
74 97.8 91.8 137.6

44 7.0 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.734 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

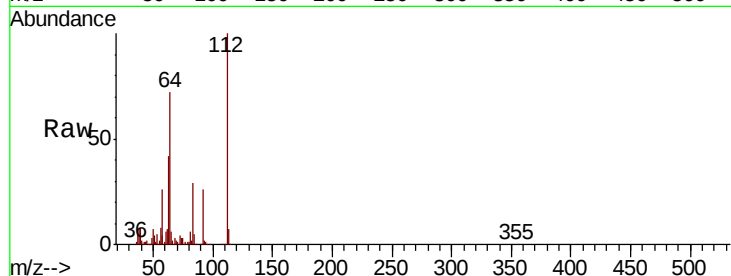
Tgt Ion: 112 Resp: 365310

Ion Ratio Lower Upper

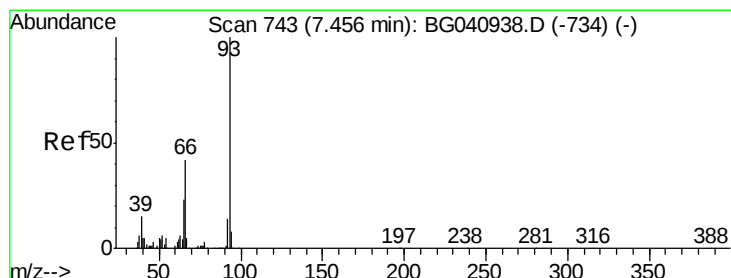
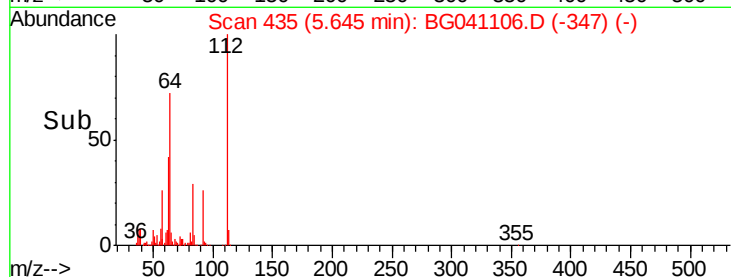
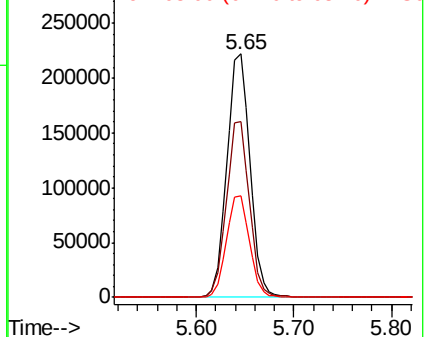
112 100

64 72.0 56.2 84.2

63 41.9 32.8 49.2



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



#6

Aniline

Concen: 19.078 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

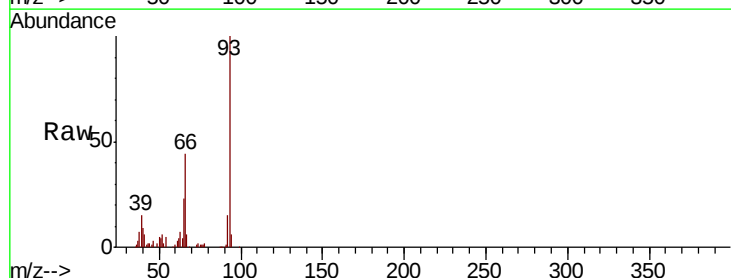
Tgt Ion: 93 Resp: 108240

Ion Ratio Lower Upper

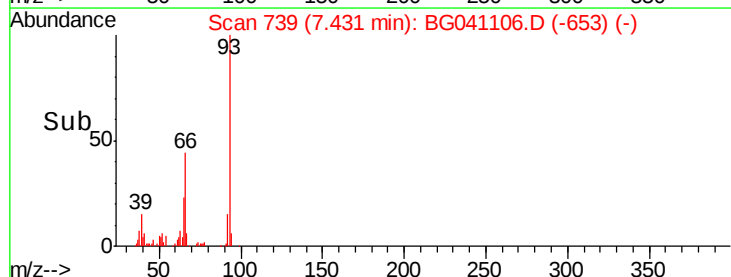
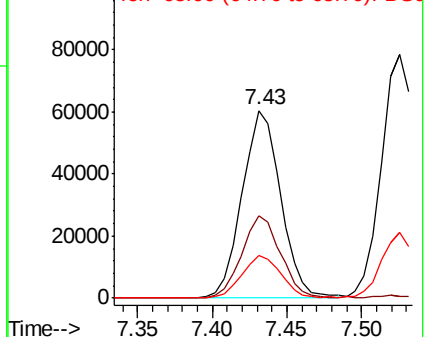
93 100

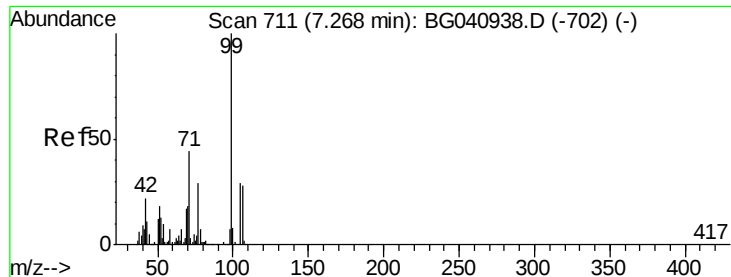
66 44.0 33.8 50.8

65 23.0 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.891 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

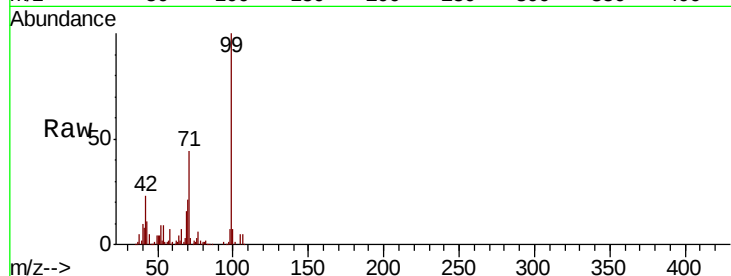
Tgt Ion: 99 Resp: 556349

Ion Ratio Lower Upper

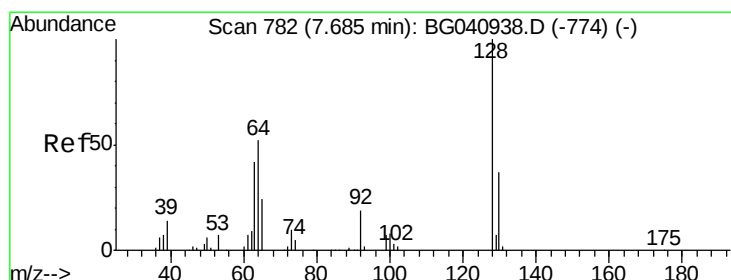
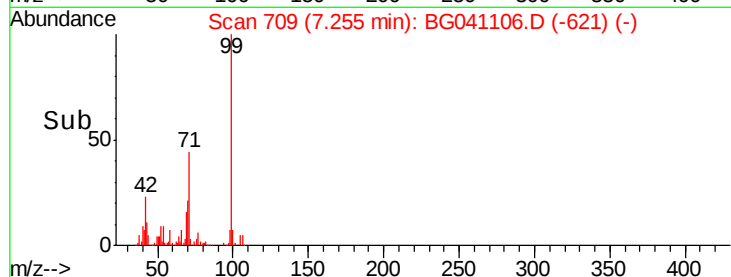
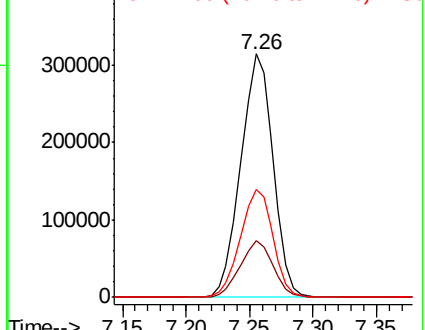
99 100

42 23.2 17.9 26.9

71 44.5 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.269 ng

RT: 7.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

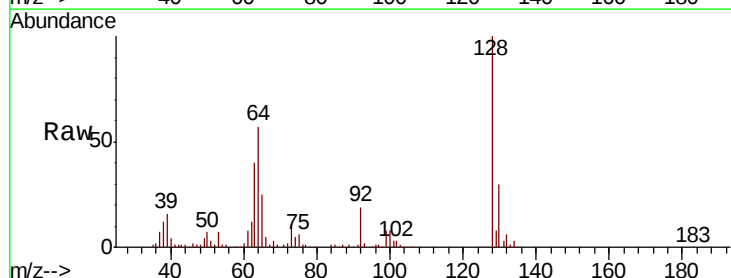
Tgt Ion: 128 Resp: 138691

Ion Ratio Lower Upper

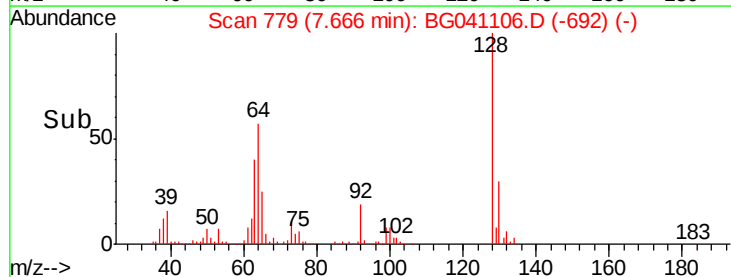
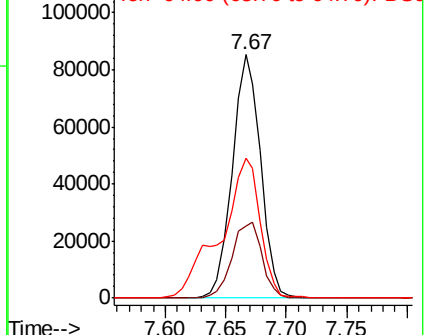
128 100

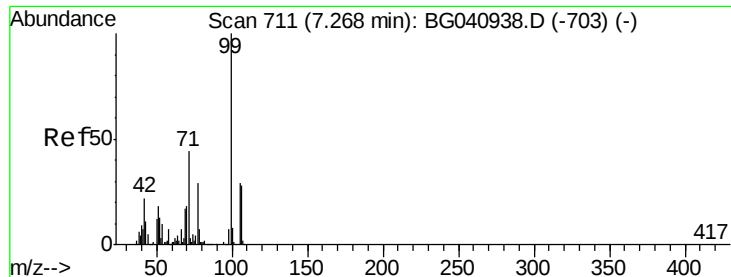
130 29.8 16.6 56.6

64 57.5 37.8 77.8



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





#9

Benzaldehyde

Concen: 19.670 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

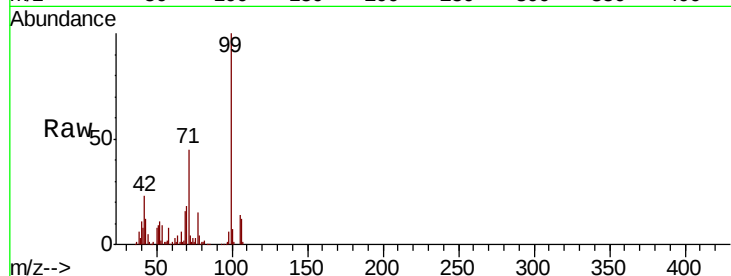
Tgt Ion: 77 Resp: 49873

Ion Ratio Lower Upper

77 100

105 89.3 78.9 118.9

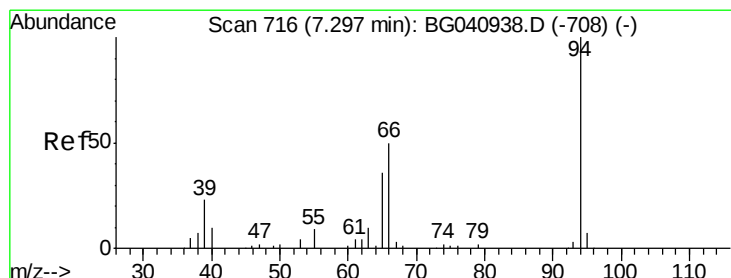
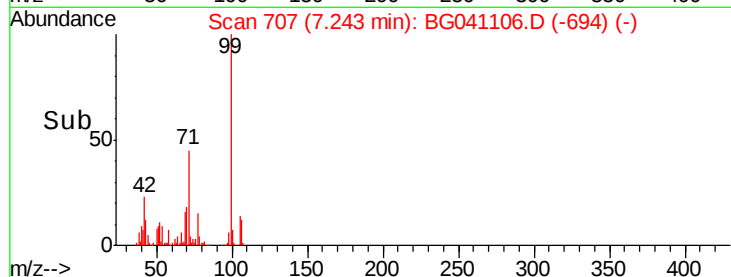
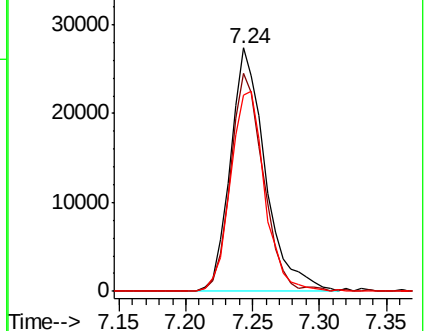
106 80.5 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.172 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

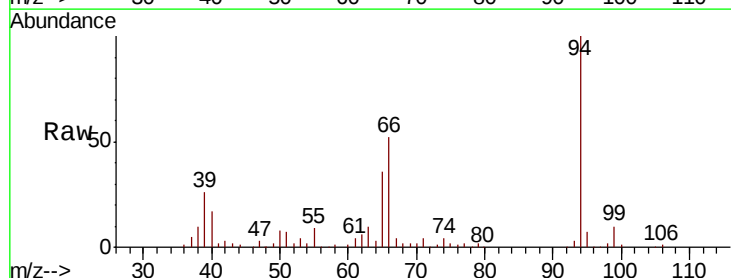
Tgt Ion: 94 Resp: 192195

Ion Ratio Lower Upper

94 100

65 35.9 17.0 57.0

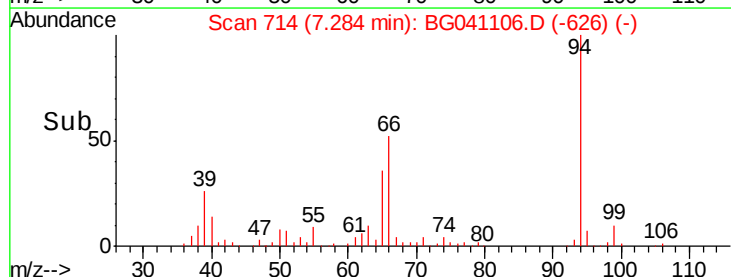
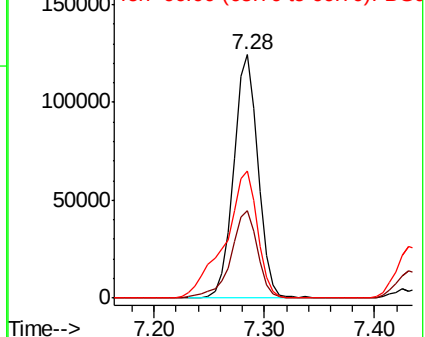
66 52.1 32.4 72.4

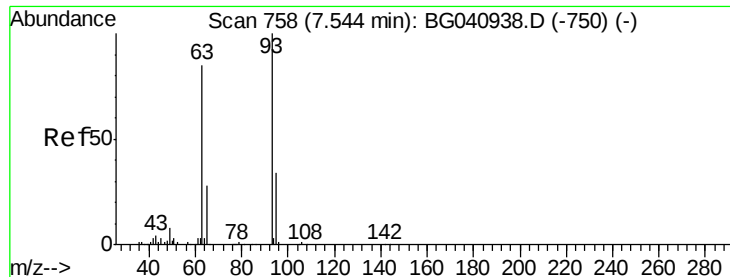


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

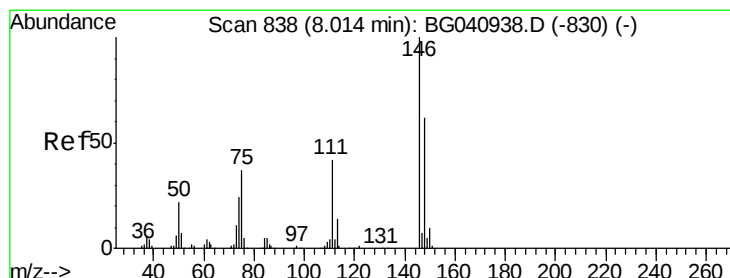
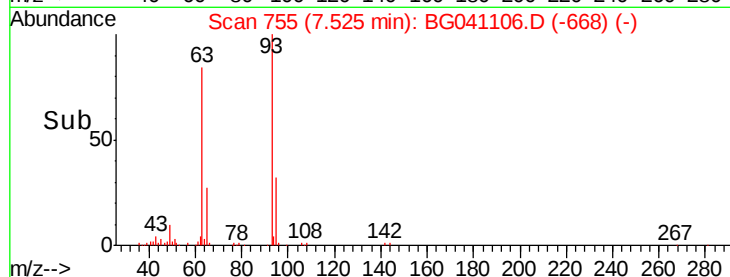
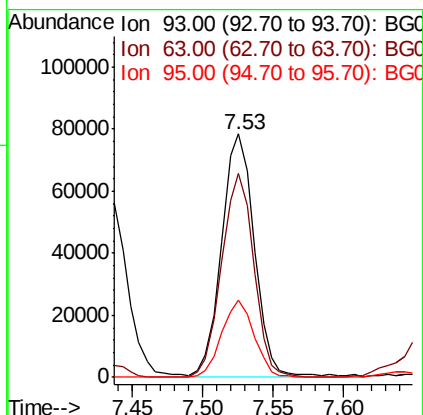
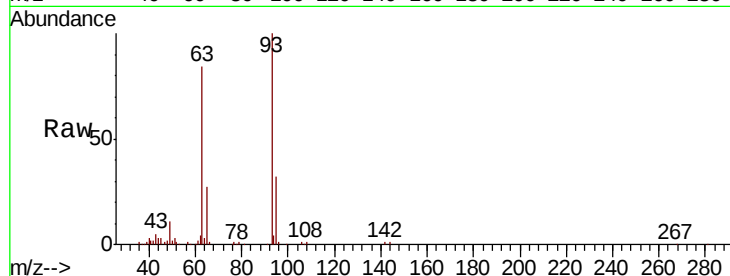




#11
bis(2-Chloroethyl)ether
Concen: 38.305 ng
RT: 7.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

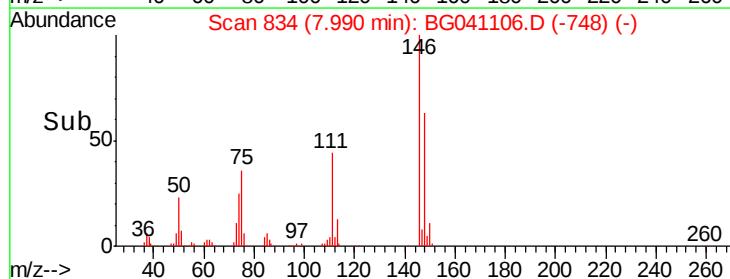
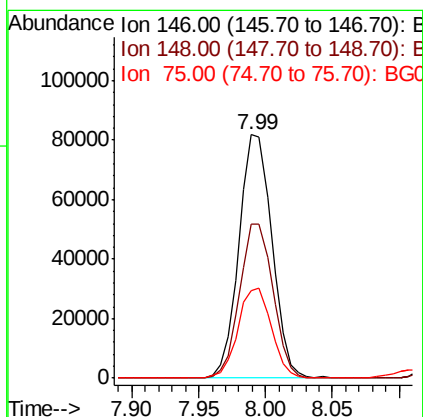
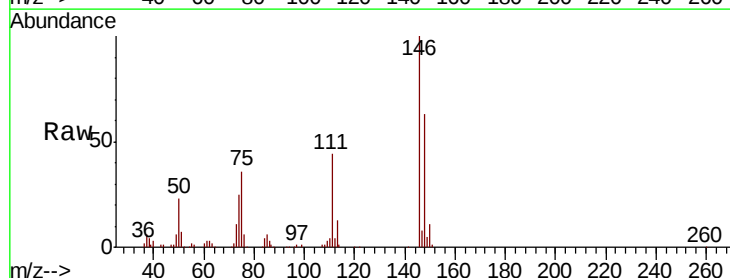
Instrument :
BNA_G
ClientSampleId :
S-8CMSD

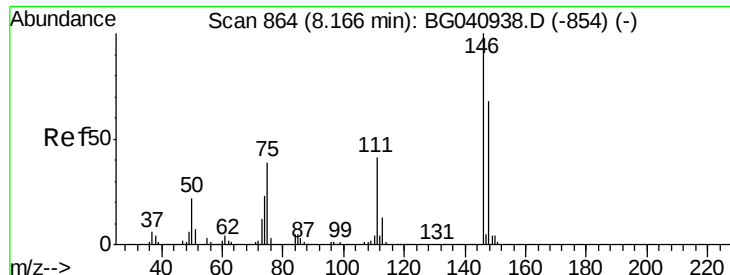
Tgt Ion: 93 Resp: 126641
Ion Ratio Lower Upper
93 100
63 83.7 64.5 104.5
95 31.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 35.747 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion: 146 Resp: 140087
Ion Ratio Lower Upper
146 100
148 63.3 49.2 73.8
75 36.0 29.4 44.0

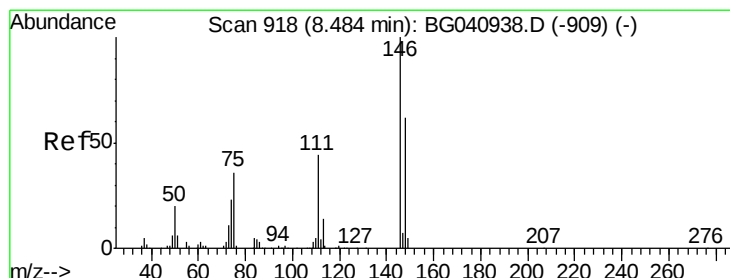
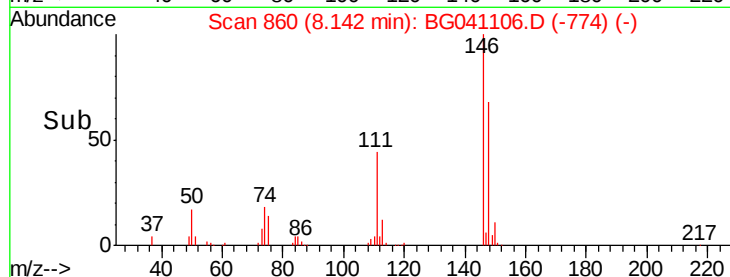
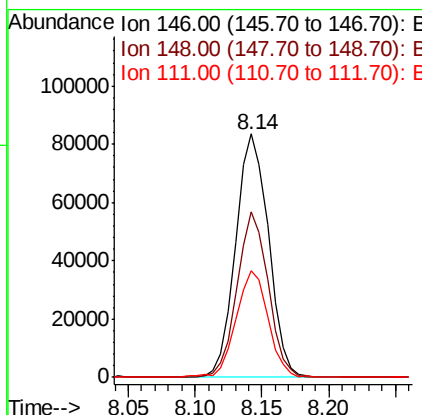
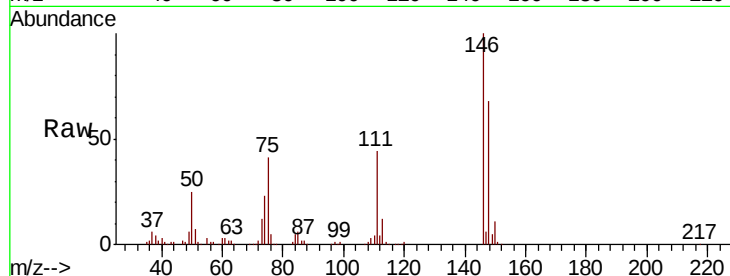




#13
 1,4-Dichlorobenzene
 Concen: 35.802 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

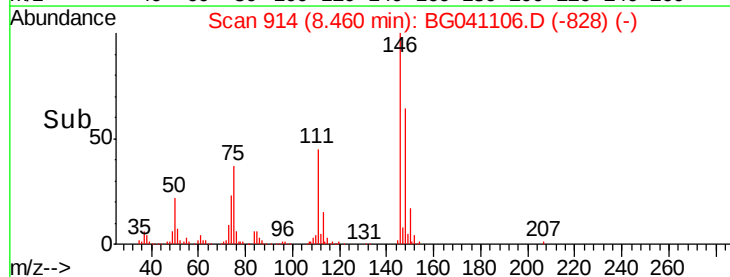
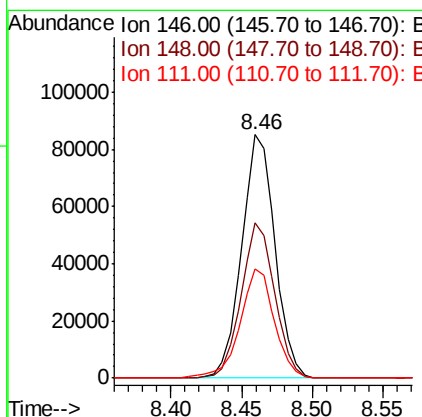
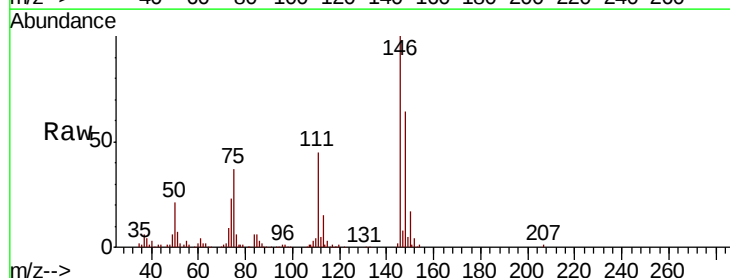
Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

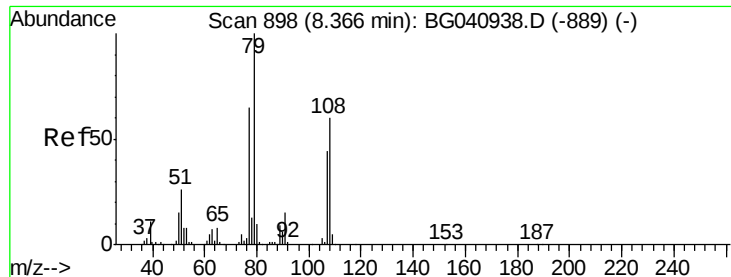
Tgt Ion:146 Resp: 142017
 Ion Ratio Lower Upper
 146 100
 148 67.9 54.2 81.4
 111 43.7 32.9 49.3



#14
 1,2-Dichlorobenzene
 Concen: 36.465 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion:146 Resp: 140445
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.8 74.6
 111 44.6 35.0 52.4





#15

Benzyl Alcohol

Concen: 41.467 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

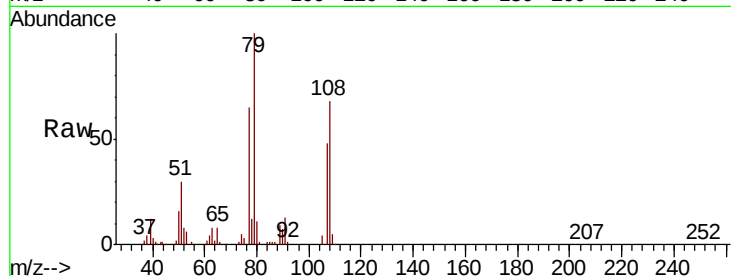
Tgt Ion: 79 Resp: 163044

Ion Ratio Lower Upper

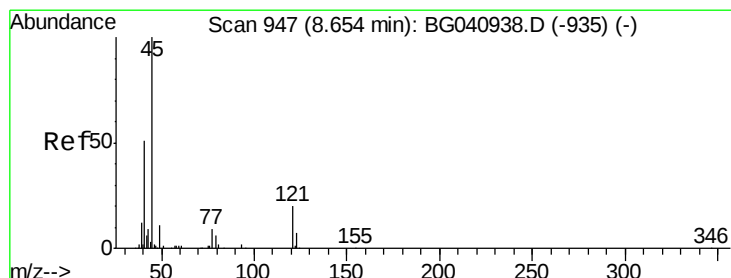
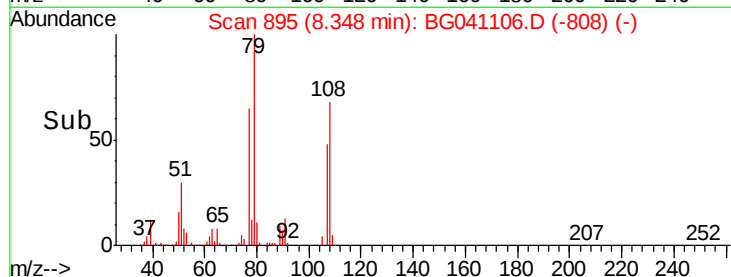
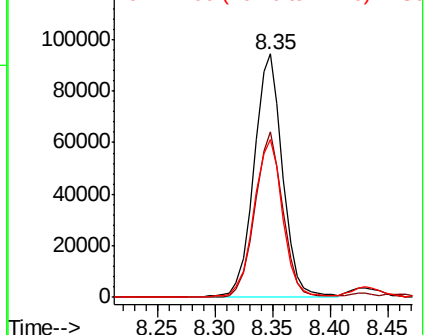
79 100

108 67.9 48.3 72.5

77 65.0 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.704 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.03 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

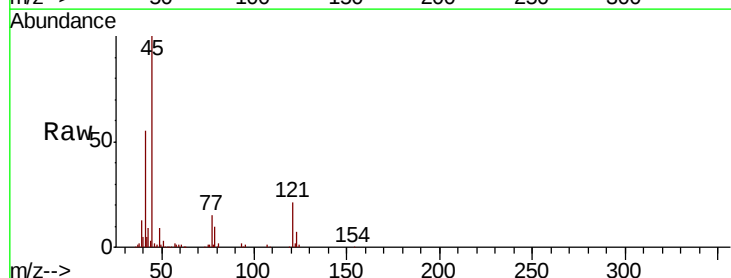
Tgt Ion: 45 Resp: 198289

Ion Ratio Lower Upper

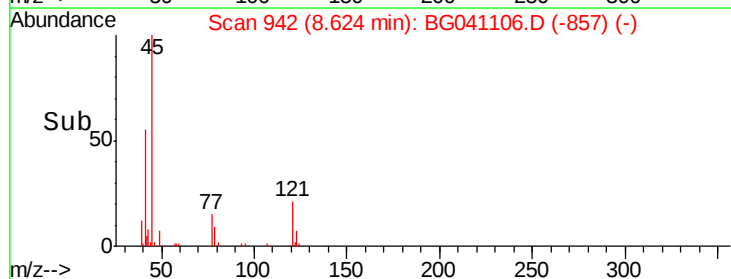
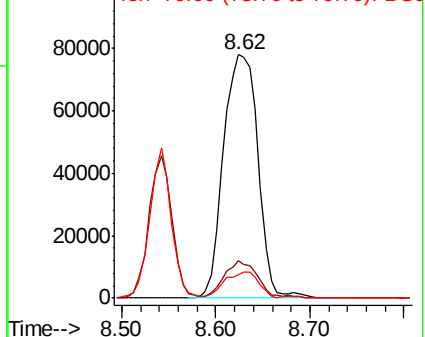
45 100

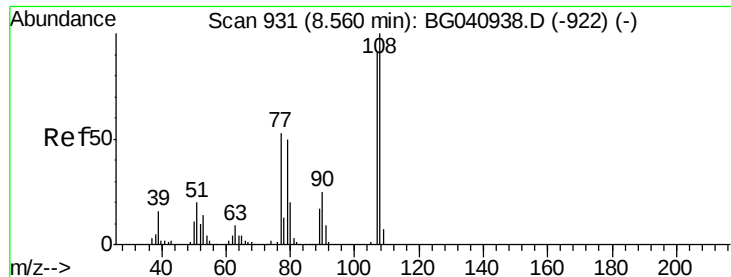
77 15.4 0.0 33.7

79 9.5 0.0 30.2



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

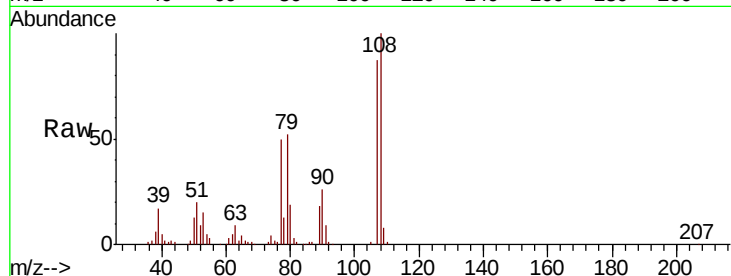




#17
2-Methylphenol
Concen: 40.724 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tgt Ion:	107	Resp:	134380
Ion	Ratio	Lower	Upper
107	100		
108	115.0	87.7	131.5
77	57.5	46.6	70.0
79	60.3	44.6	66.8



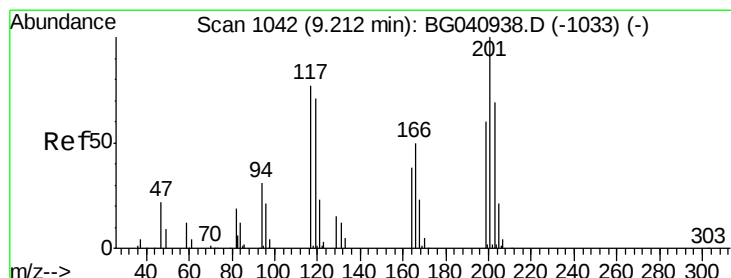
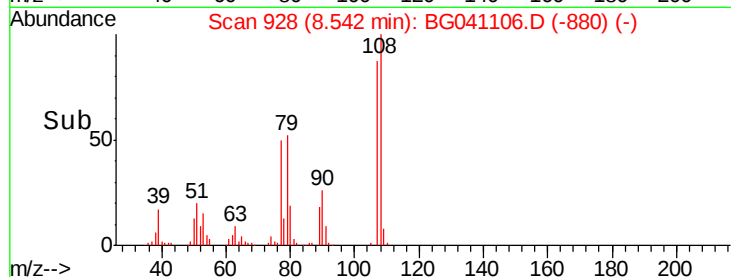
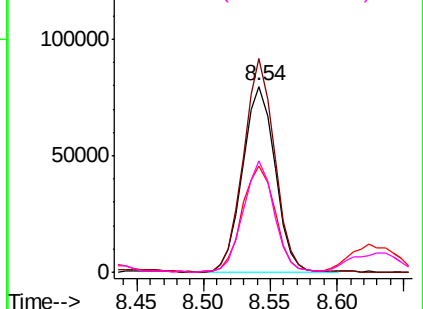
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

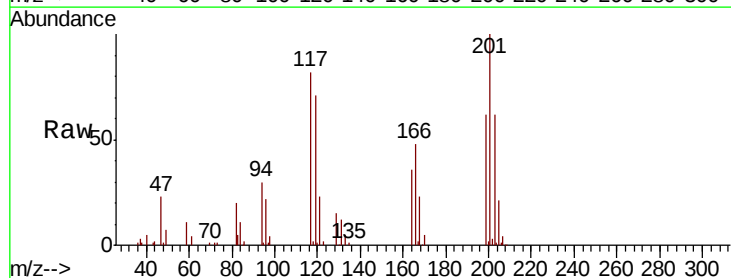
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 36.754 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:	117	Resp:	56192
Ion	Ratio	Lower	Upper
117	100		
119	86.8	75.0	112.6
201	122.6	103.5	155.3

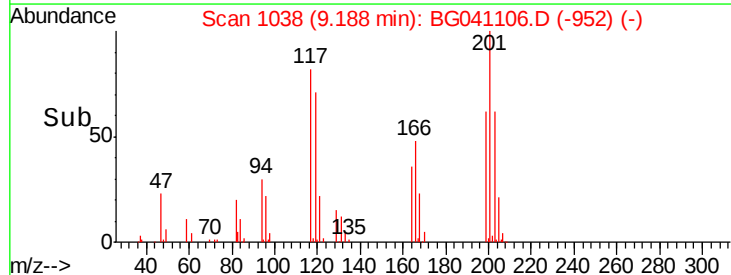
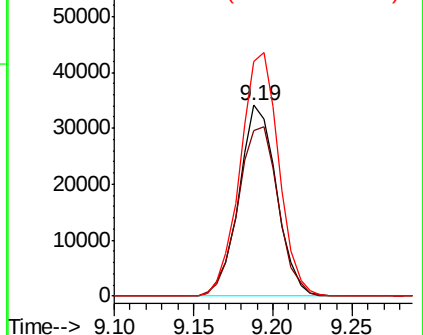


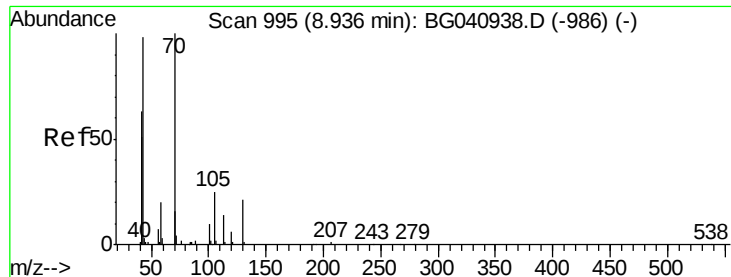
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.798 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

Tgt Ion: 70 Resp: 126908

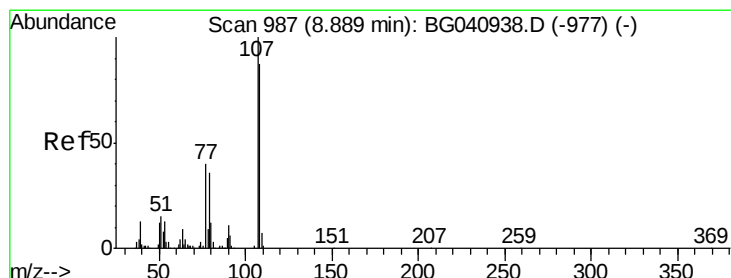
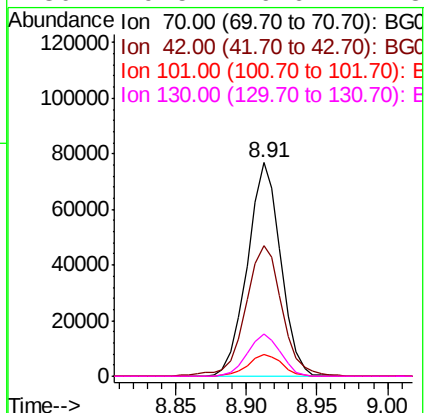
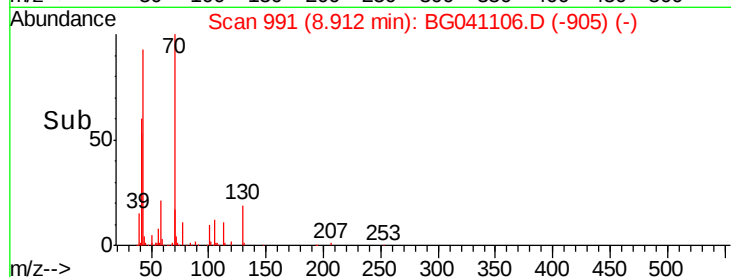
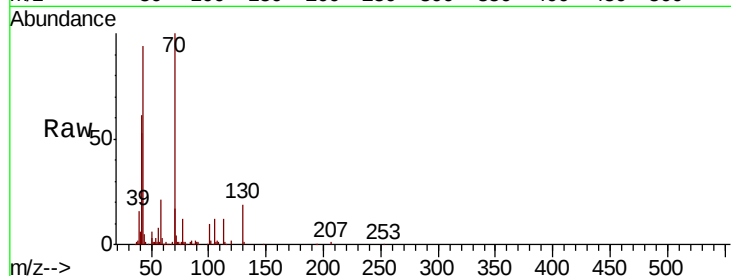
Ion Ratio Lower Upper

70 100

42 61.0 51.5 77.3

101 10.1 8.1 12.1

130 19.5 16.6 24.8



#20

3+4-Methylphenols

Concen: 40.945 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion: 107 Resp: 187153

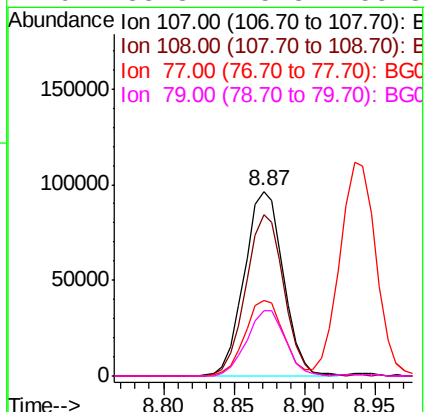
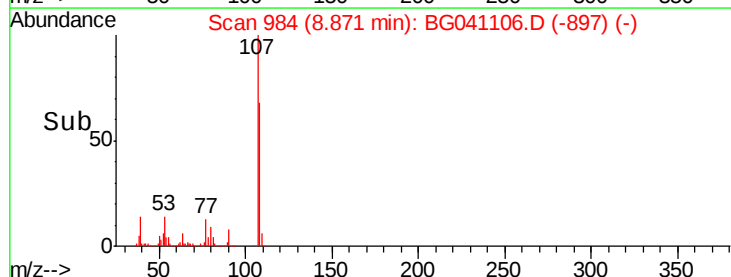
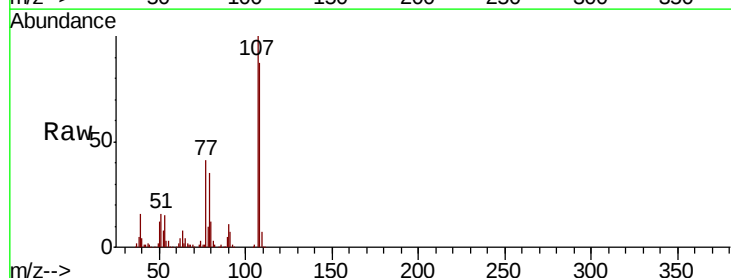
Ion Ratio Lower Upper

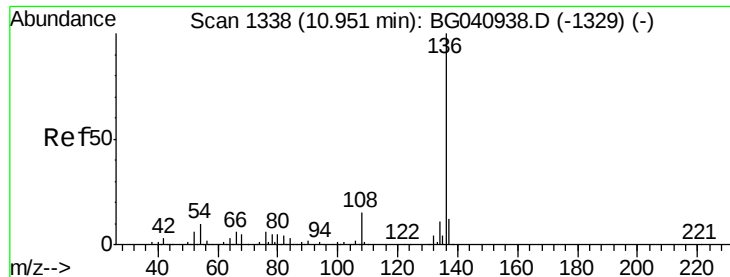
107 100

108 87.5 66.8 106.8

77 41.0 20.5 60.5

79 35.3 15.8 55.8

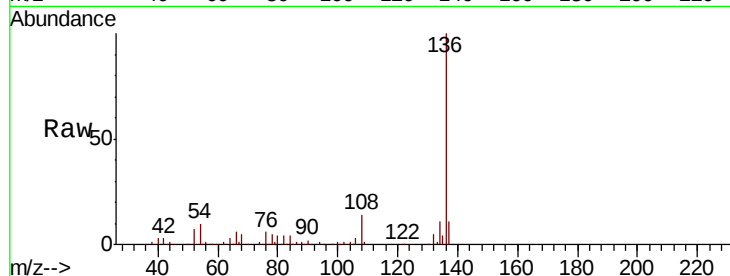




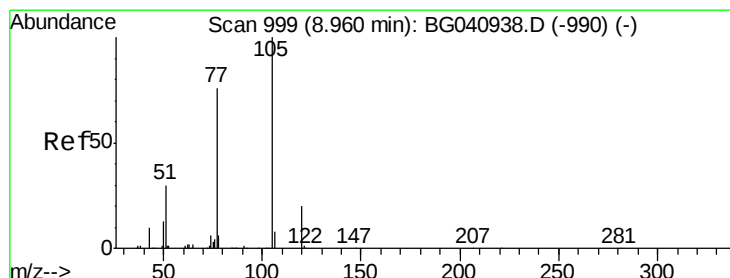
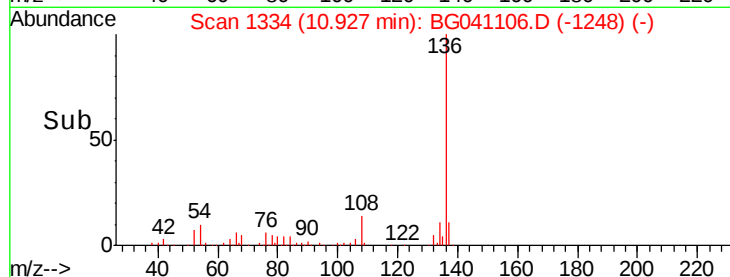
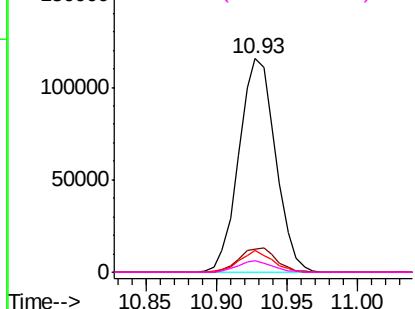
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tgt Ion:	136	Resp:	209823
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.5	14.3
54	10.8	7.6	11.4
68	5.3	3.9	5.9

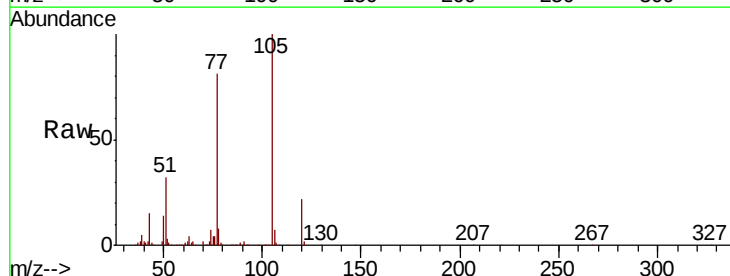


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

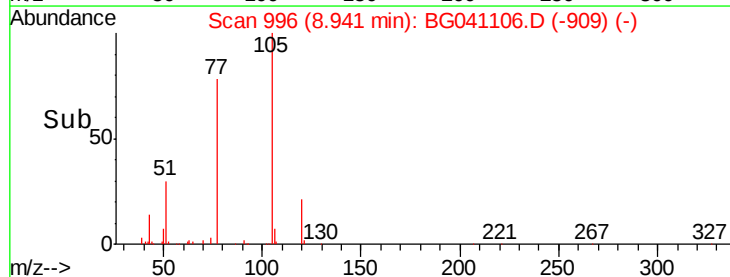
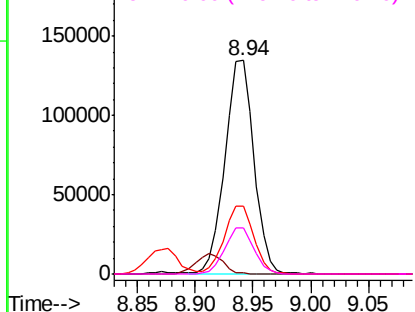


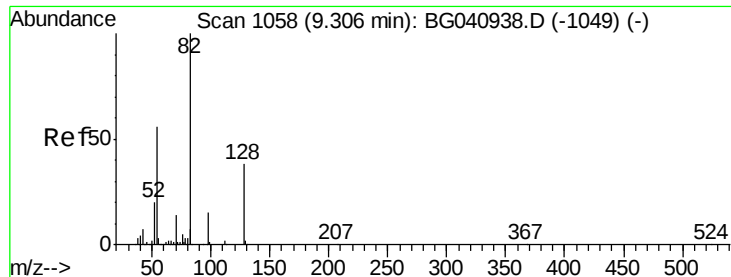
#22
Acetophenone
Concen: 39.912 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:	105	Resp:	234918
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	31.6	27.0	40.6
120	21.5	16.2	24.4



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

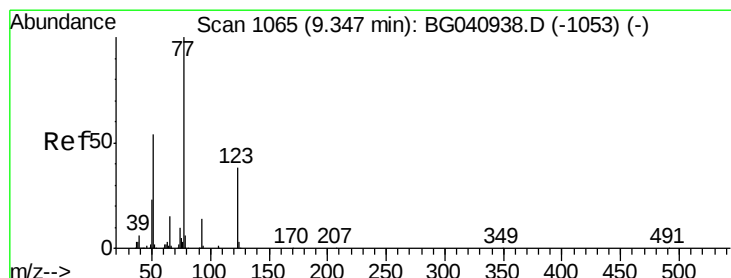
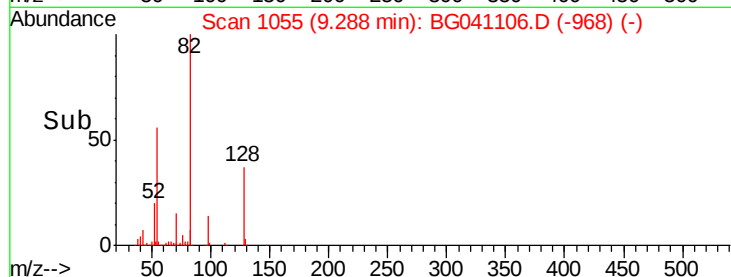
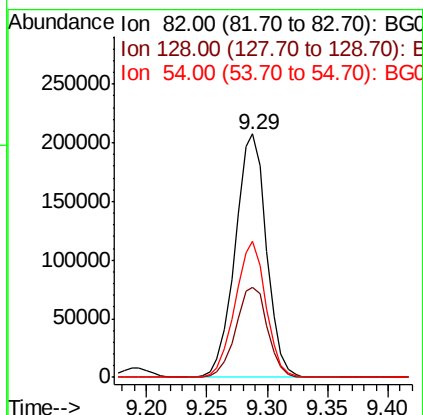
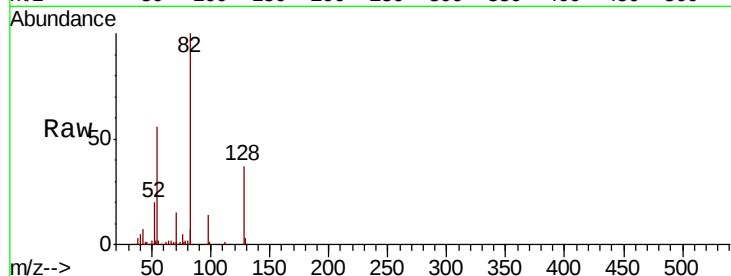




#23
 Nitrobenzene-d5
 Concen: 79.199 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

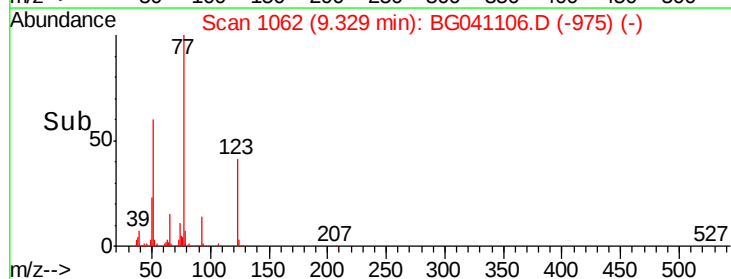
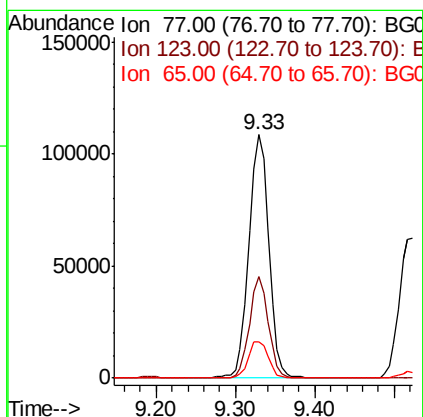
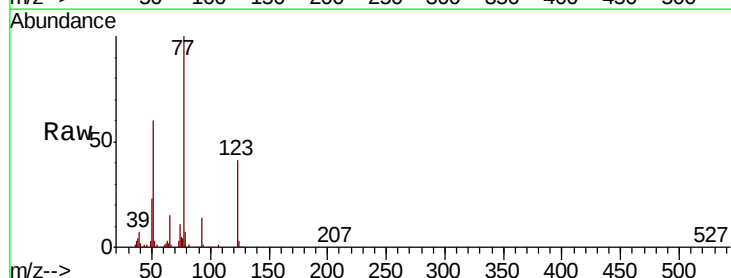
Instrument :
 BNA_G
 ClientSampled :
 S-8CMSD

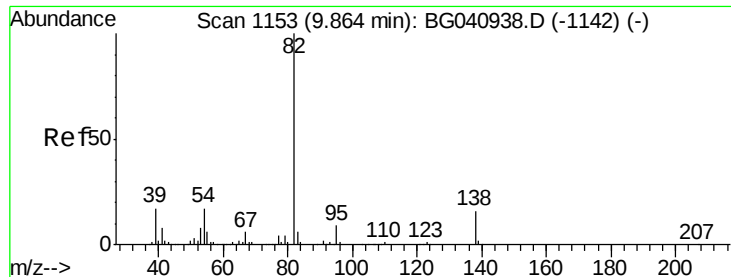
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.5	45.7
54	56.1	44.6	66.8



#24
 Nitrobenzene
 Concen: 39.760 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	30.6	46.0
65	15.0	12.3	18.5

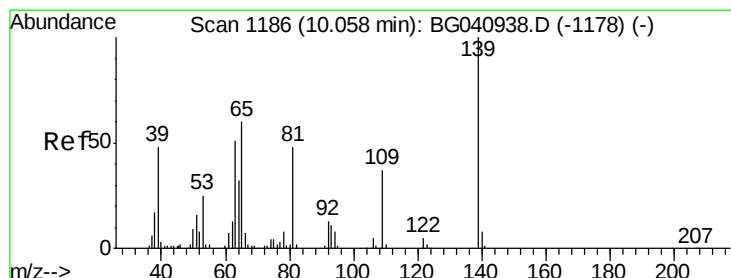
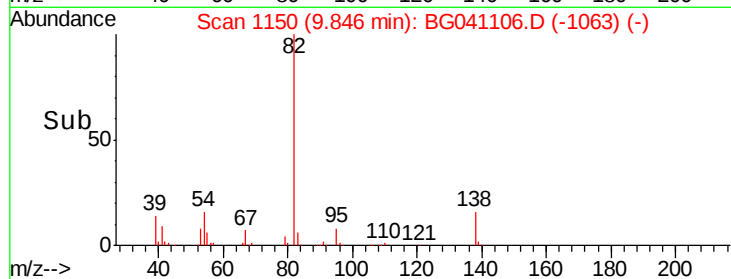
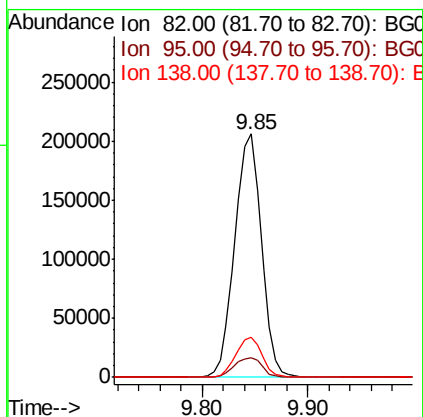
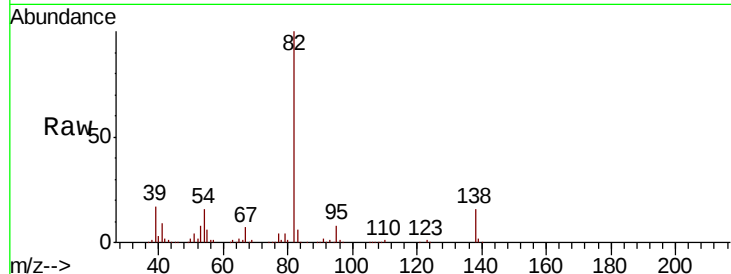




#25
Isophorone
Concen: 40.030 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

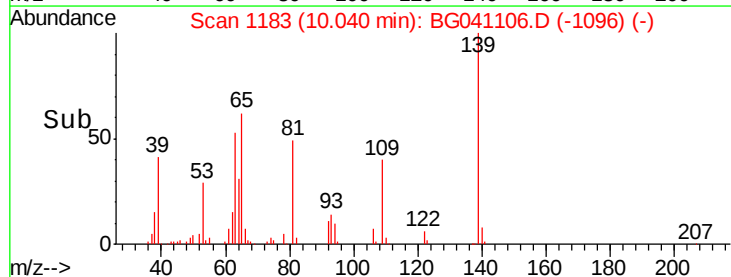
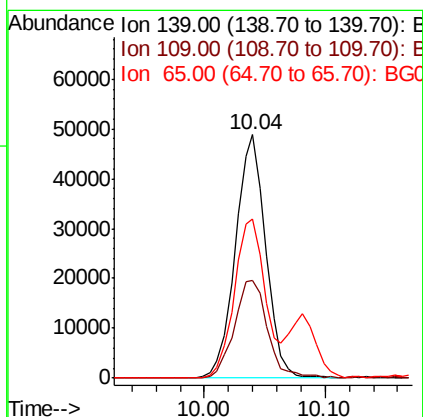
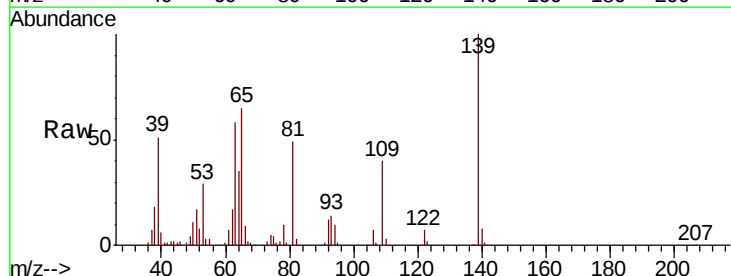
Instrument :
BNA_G
ClientSampleId :
S-8CMSD

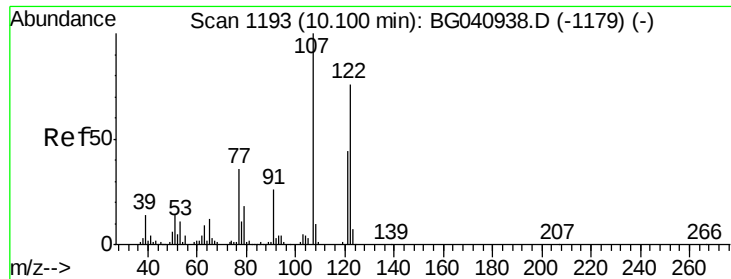
Tgt Ion: 82 Resp: 360062
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 16.2 12.6 19.0



#26
2-Nitrophenol
Concen: 42.836 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion: 139 Resp: 85058
Ion Ratio Lower Upper
139 100
109 40.3 29.8 44.6
65 65.4 47.8 71.6

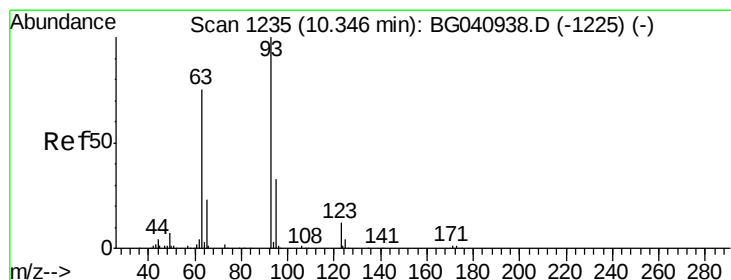
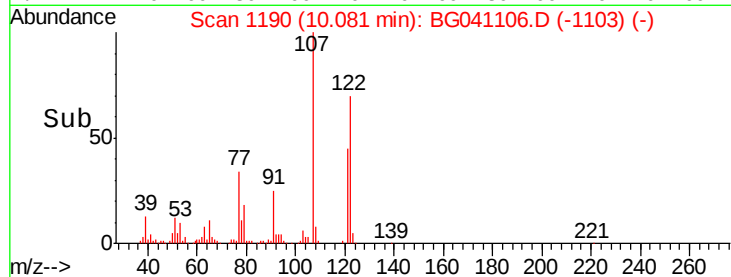
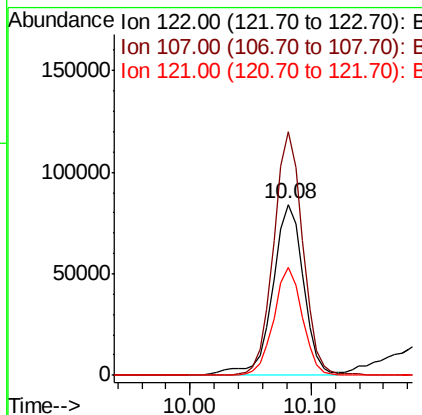
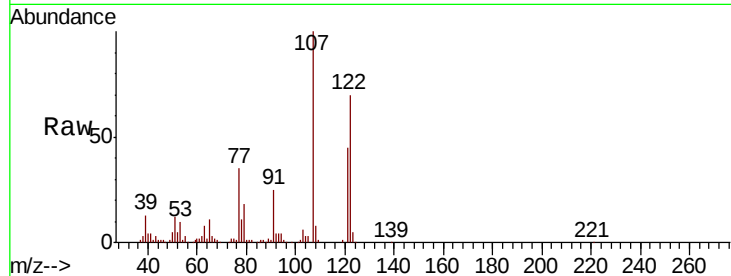




#27
 2,4-Dimethylphenol
 Concen: 45.219 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

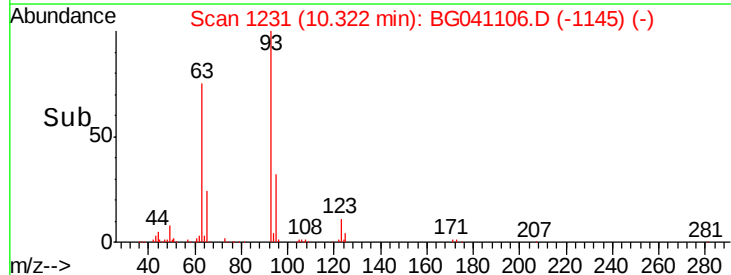
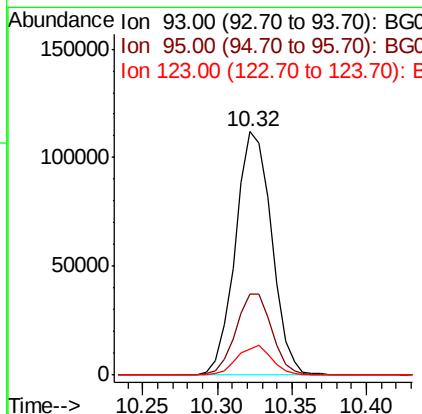
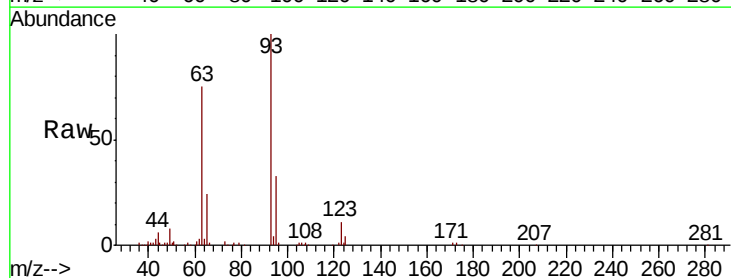
Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

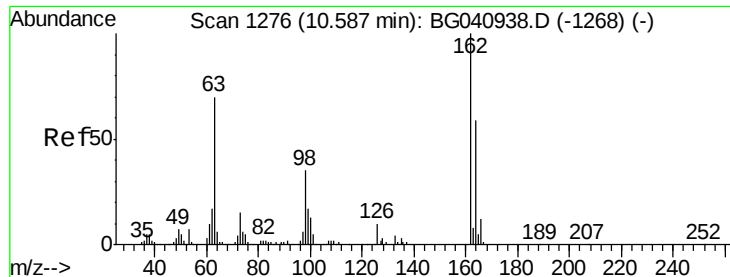
Tgt Ion:122 Resp: 148294
 Ion Ratio Lower Upper
 122 100
 107 142.4 105.9 158.9
 121 63.4 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.940 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion: 93 Resp: 189040
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.2
 123 10.8 9.5 14.3

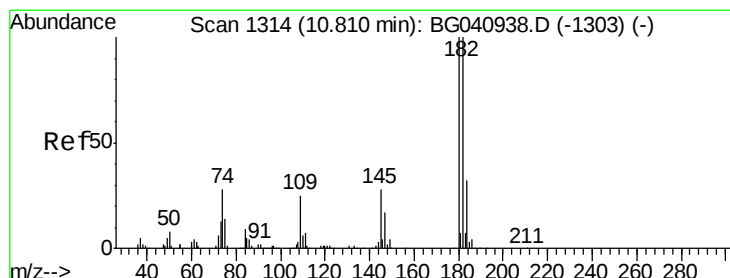
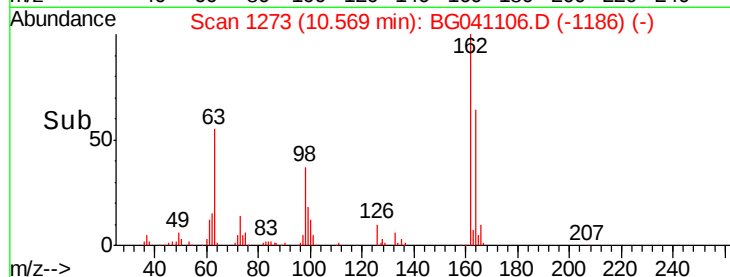
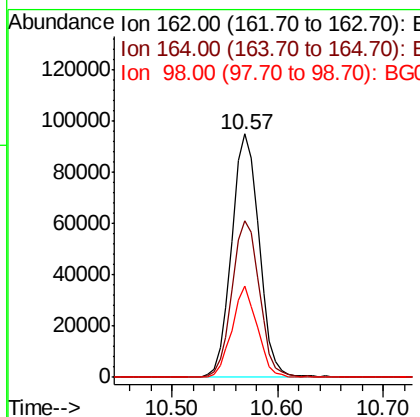
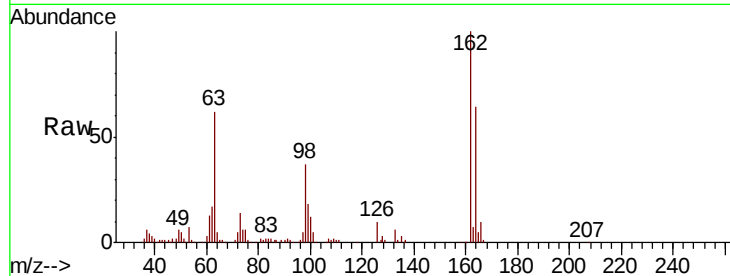




#29
 2,4-Dichlorophenol
 Concen: 40.815 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

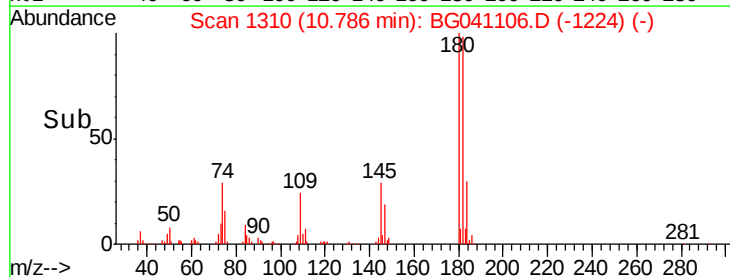
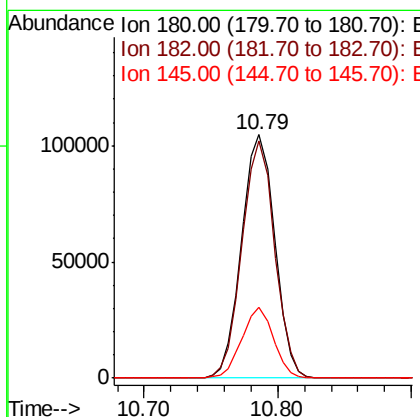
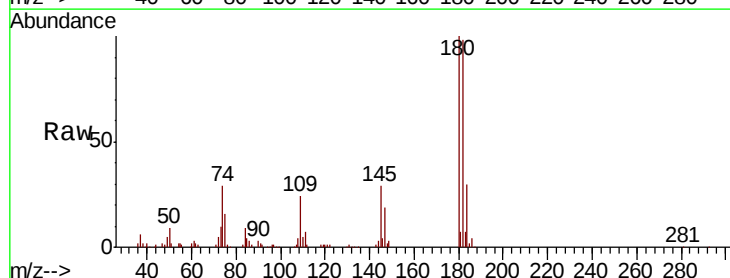
Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

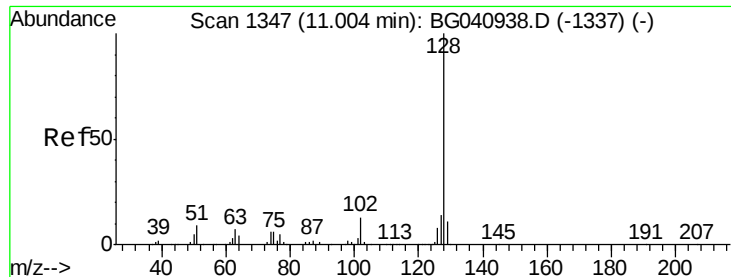
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	39.4	79.4
98	37.3	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.074 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.7	119.5
145	29.1	22.6	34.0

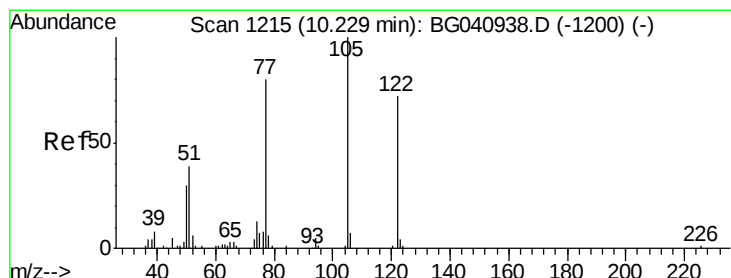
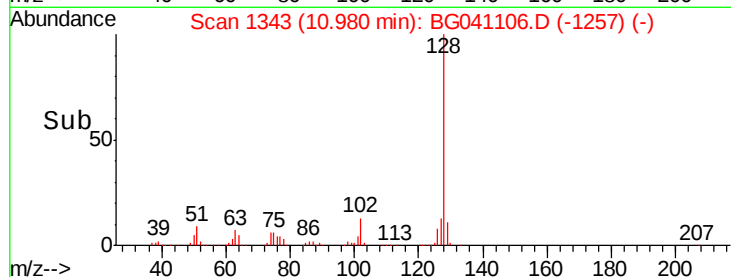
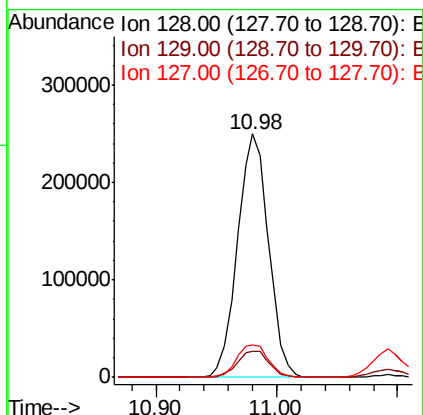
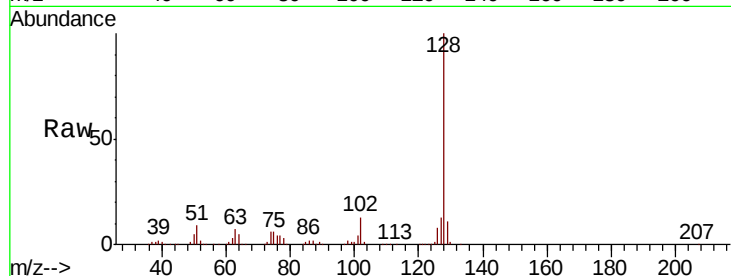




#31
Naphthalene
Concen: 39.565 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

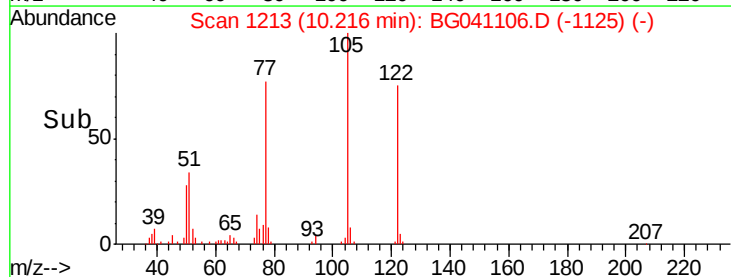
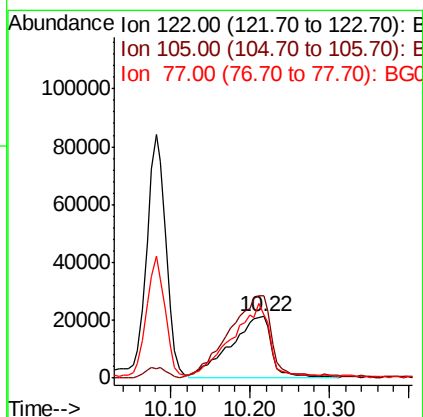
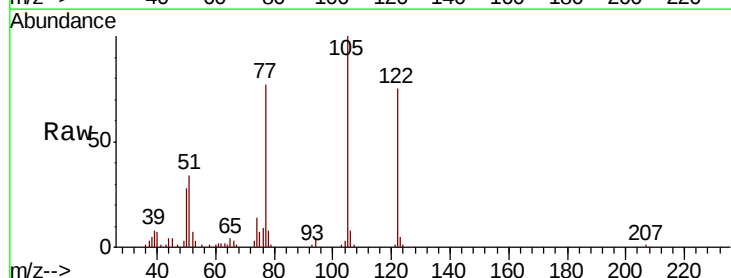
Instrument :
BNA_G
ClientSampleId :
S-8CMSD

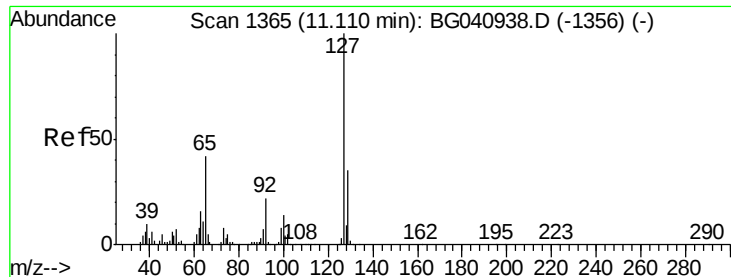
Tgt Ion:128 Resp: 445725
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.3 11.4 17.2



#32
Benzoic acid
Concen: 33.944 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:122 Resp: 79249
Ion Ratio Lower Upper
122 100
105 132.5 114.8 154.8
77 102.5 89.9 129.9

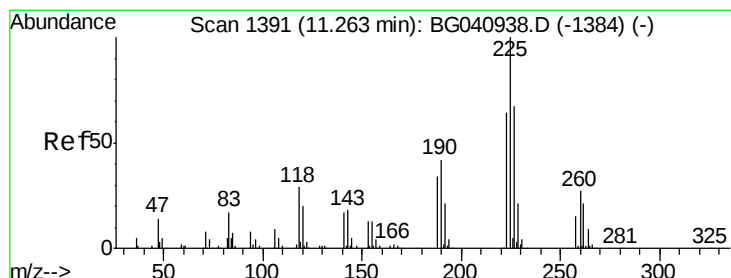
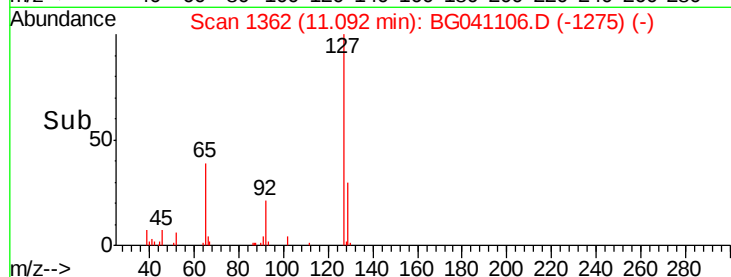
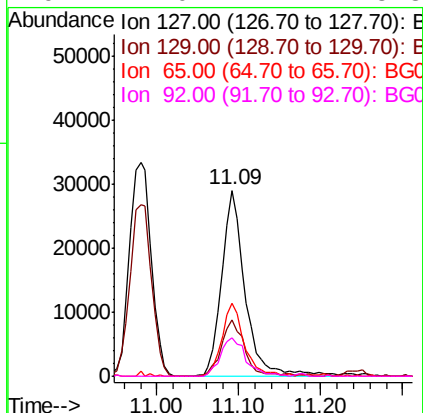
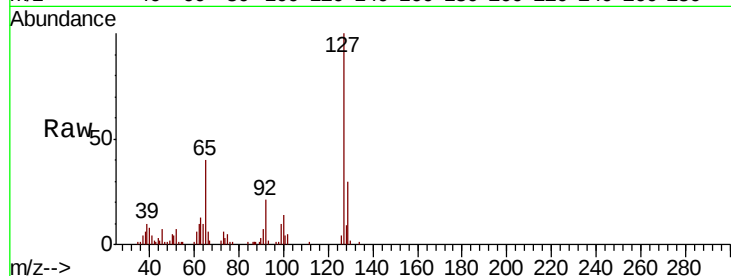




#33
4-Chloroaniline
Concen: 11.070 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

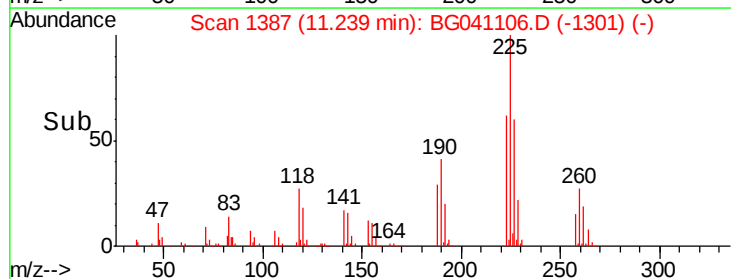
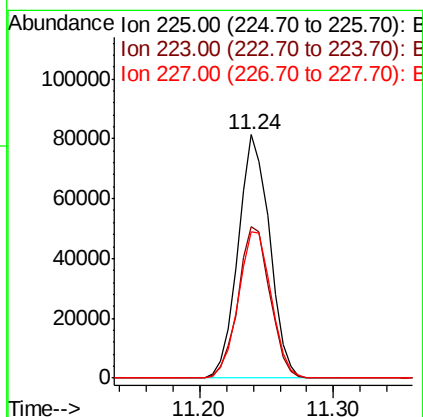
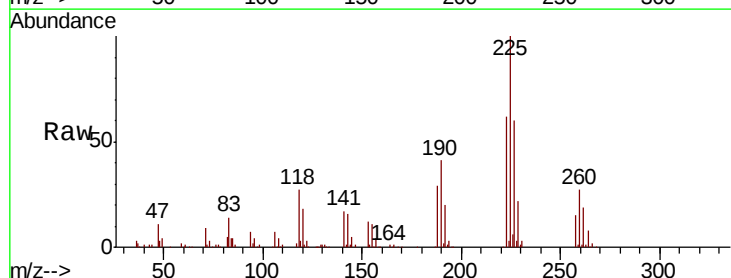
Instrument :
BNA_G
ClientSampleId :
S-8CMSD

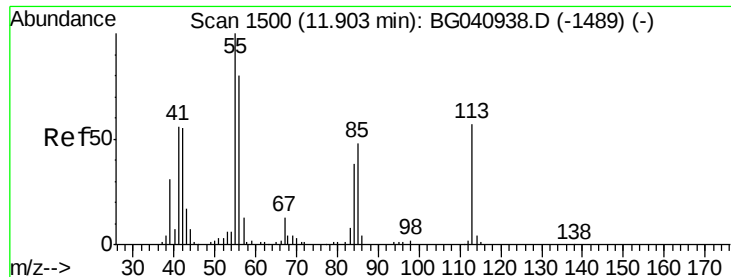
Tgt Ion:	127	Resp:	57865
Ion	Ratio	Lower	Upper
127	100		
129	30.3	27.7	41.5
65	39.5	33.2	49.8
92	21.0	17.2	25.8



#34
Hexachlorobutadiene
Concen: 36.582 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:	225	Resp:	132607
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	63.2	51.4	77.0





#35

Caprolactam

Concen: 19.915 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

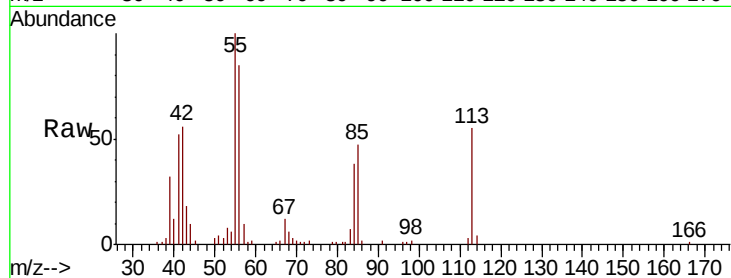
Tgt Ion:113 Resp: 27388

Ion Ratio Lower Upper

113 100

55 180.7 155.9 195.9

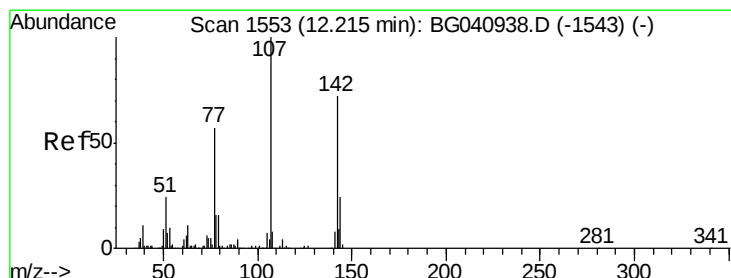
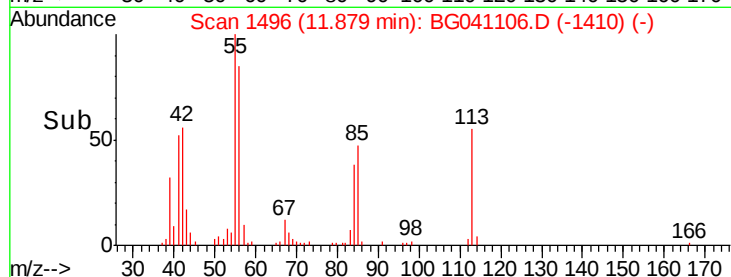
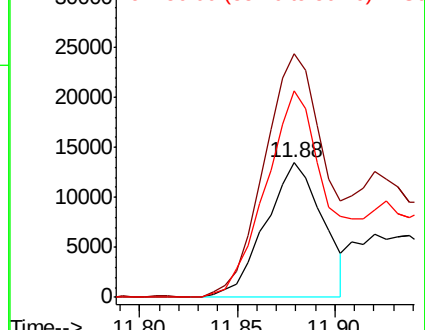
56 153.7 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.719 ng

RT: 12.20 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

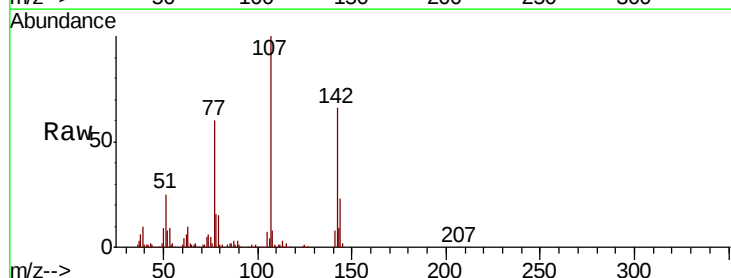
Tgt Ion:107 Resp: 188909

Ion Ratio Lower Upper

107 100

144 22.9 19.4 29.0

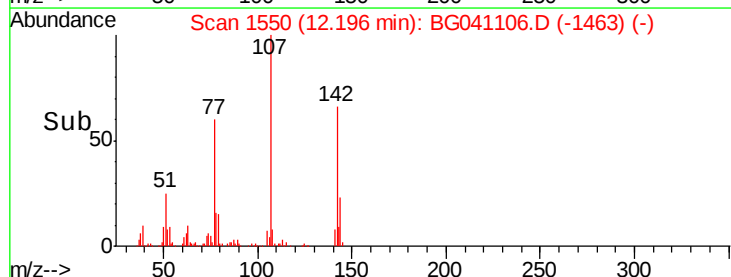
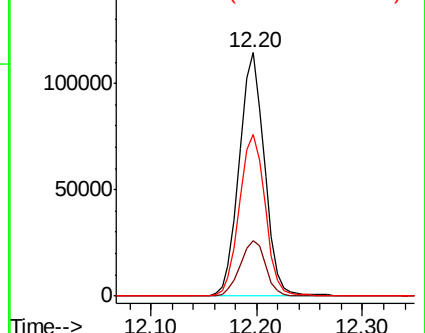
142 66.3 57.3 85.9

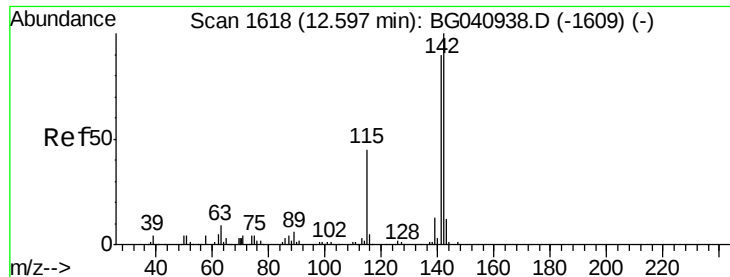


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

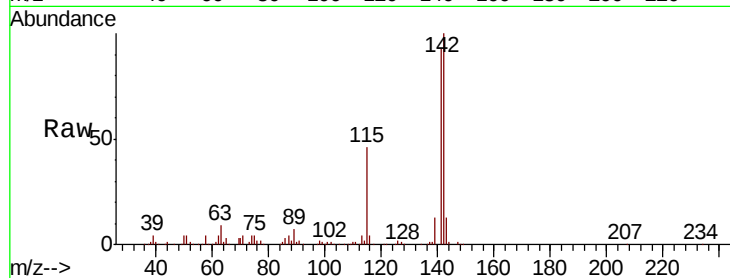




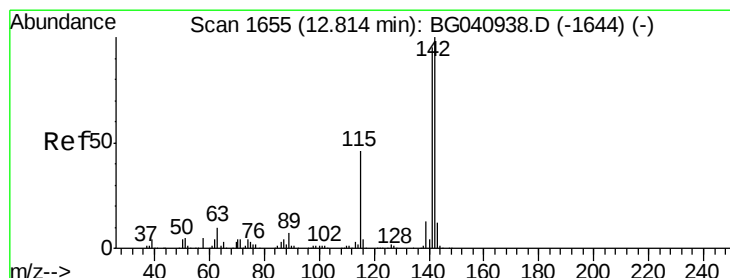
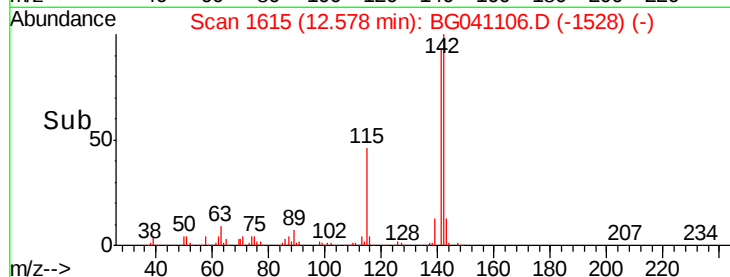
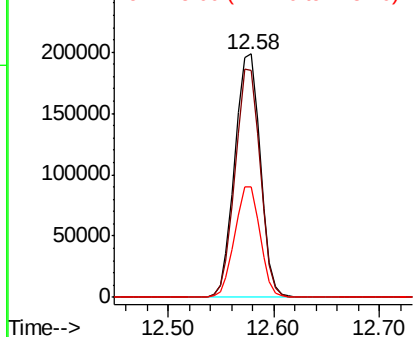
#37
2-Methylnaphthalene
Concen: 38.059 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tgt Ion:142 Resp: 330221
Ion Ratio Lower Upper
142 100
141 93.2 72.2 108.4
115 45.6 36.2 54.4

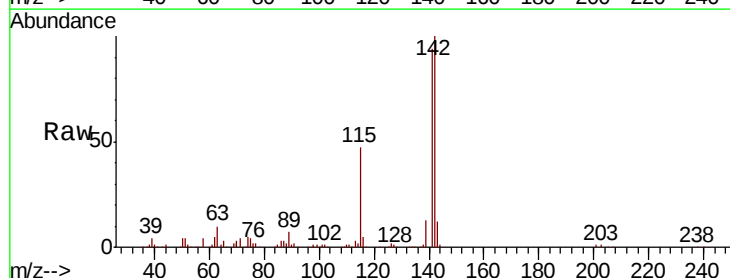


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

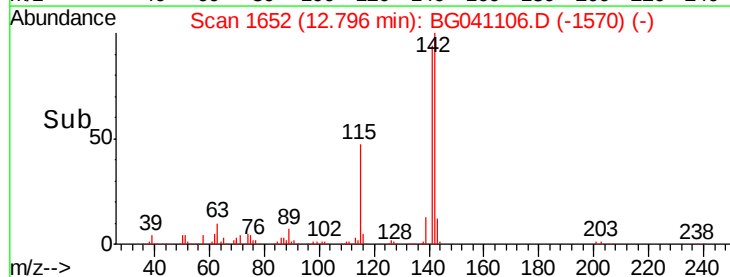
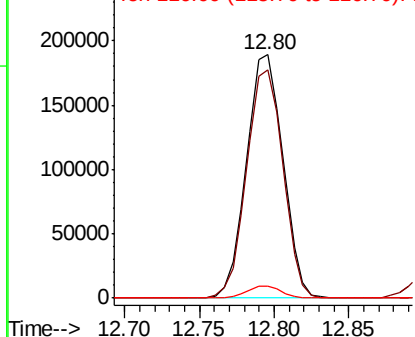


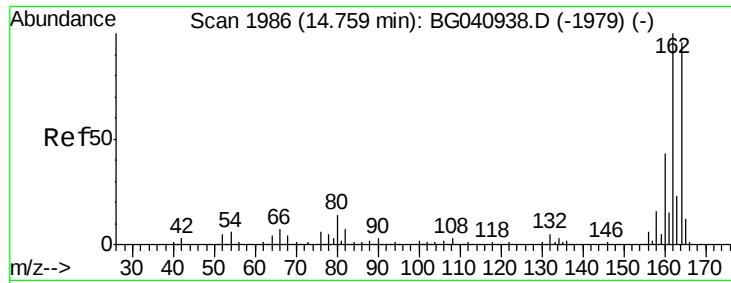
#38
1-Methylnaphthalene
Concen: 39.106 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:142 Resp: 319737
Ion Ratio Lower Upper
142 100
141 93.9 75.7 113.5
116 4.8 3.4 5.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

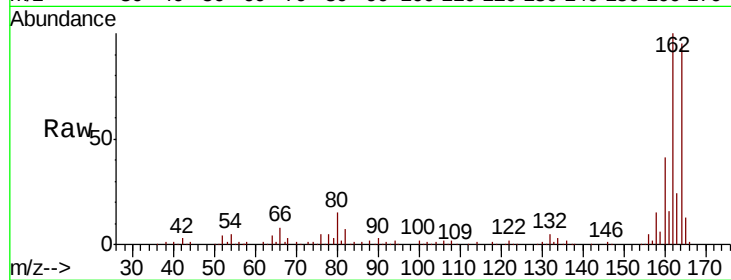
Tgt Ion:164 Resp: 149913

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.4

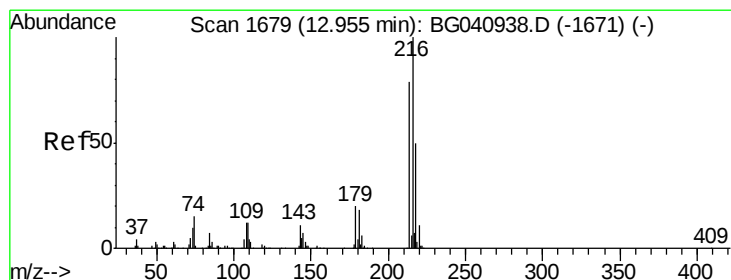
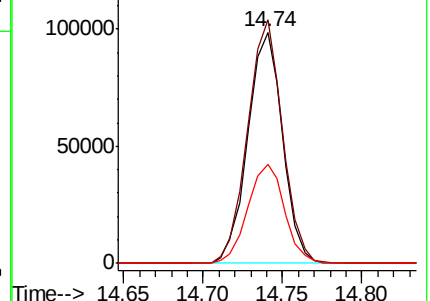
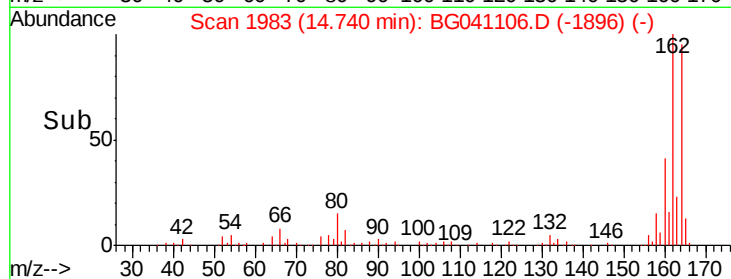
160 43.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.615 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion:216 Resp: 245409

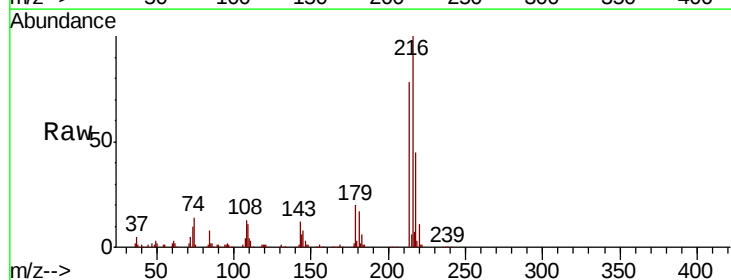
Ion Ratio Lower Upper

216 100

214 77.8 63.4 95.2

179 19.1 15.2 22.8

108 17.0 11.4 17.2

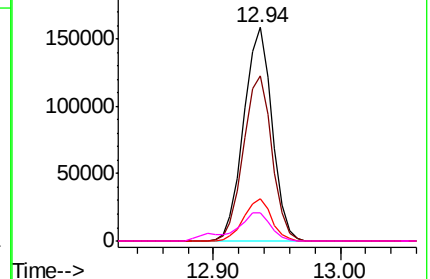
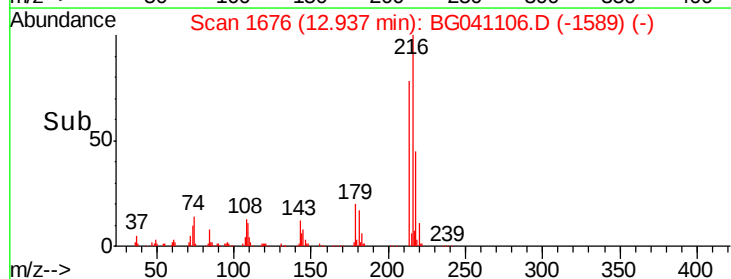


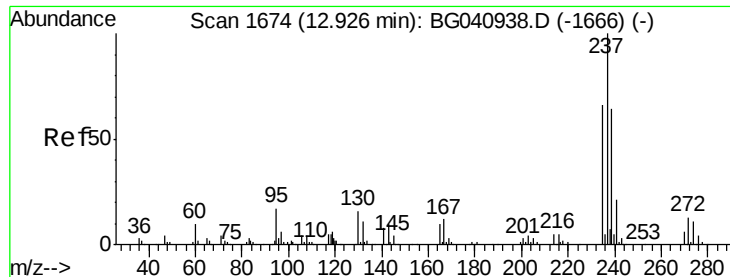
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.168 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

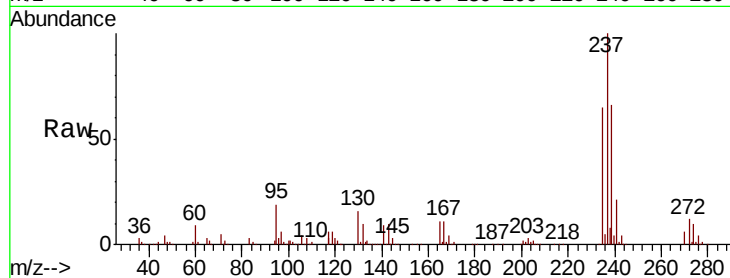
Tgt Ion: 237 Resp: 303898

Ion Ratio Lower Upper

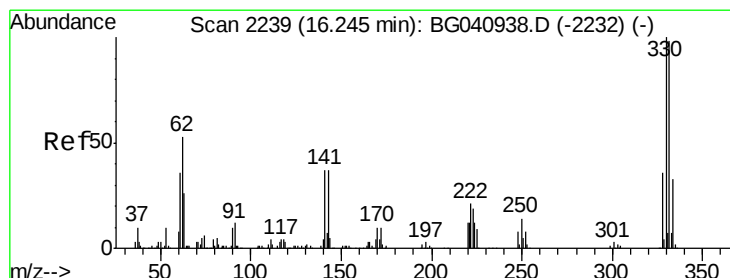
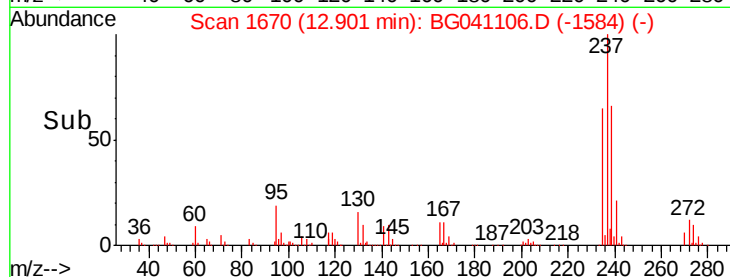
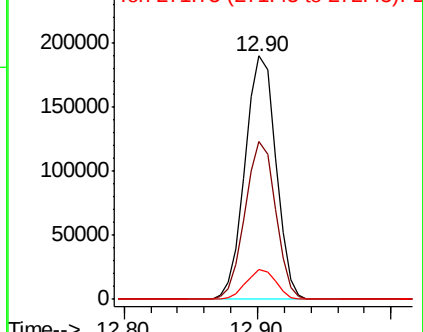
237 100

235 64.9 45.5 85.5

272 12.2 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.400 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

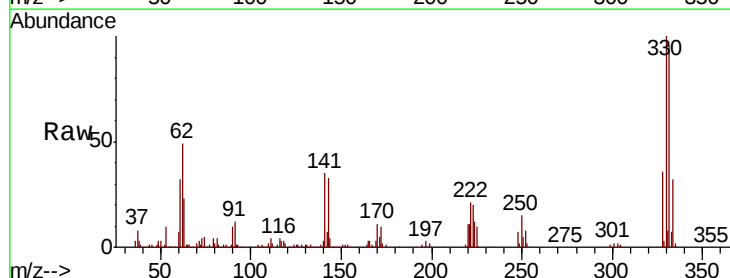
Tgt Ion: 330 Resp: 259056

Ion Ratio Lower Upper

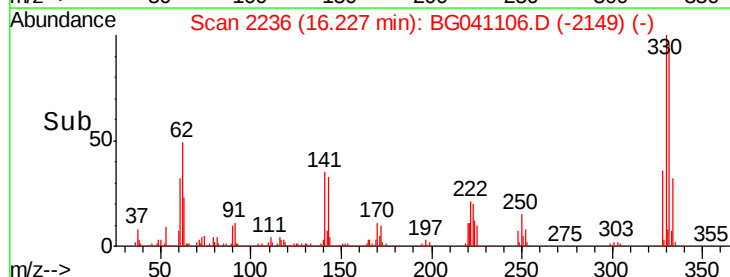
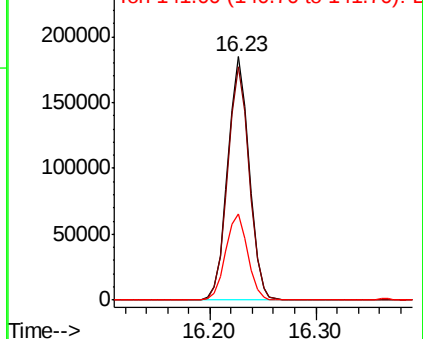
330 100

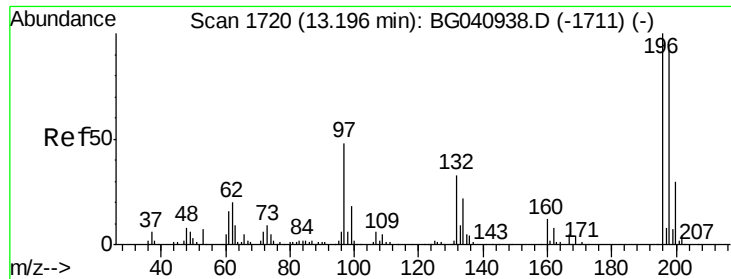
332 96.3 78.5 117.7

141 36.2 28.7 43.1



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

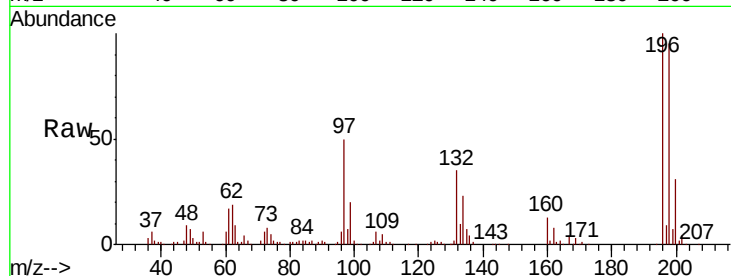




#43
 2,4,6-Trichlorophenol
 Concen: 40.847 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	73.8	110.6
200	30.9	24.1	36.1

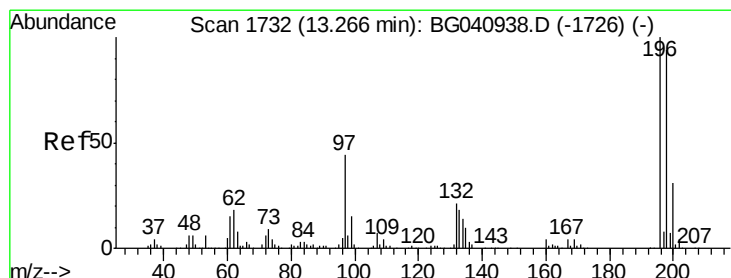
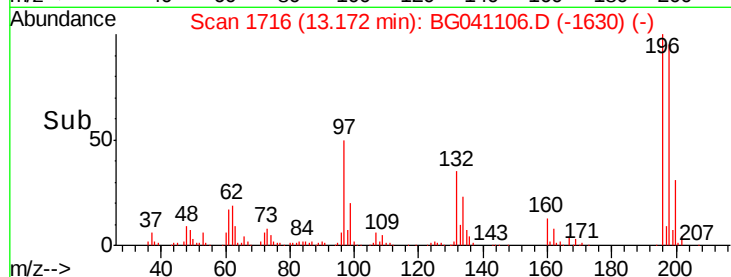
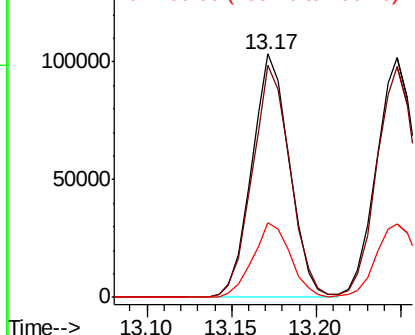


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.572 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
97	45.9	35.6	53.4
132	23.5	16.7	25.1

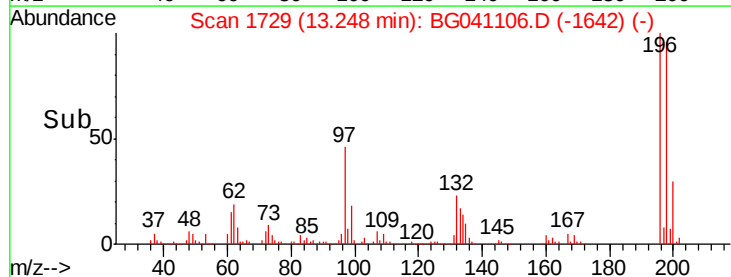
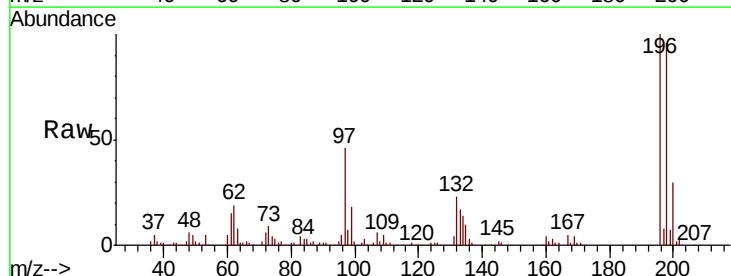
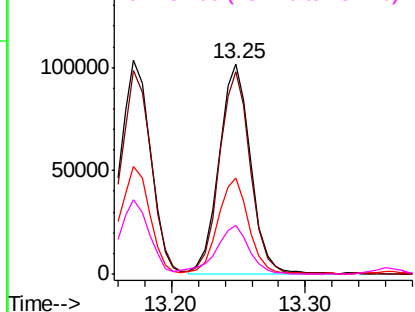
Abundance

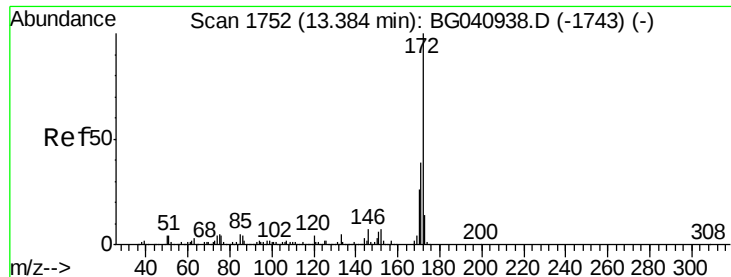
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

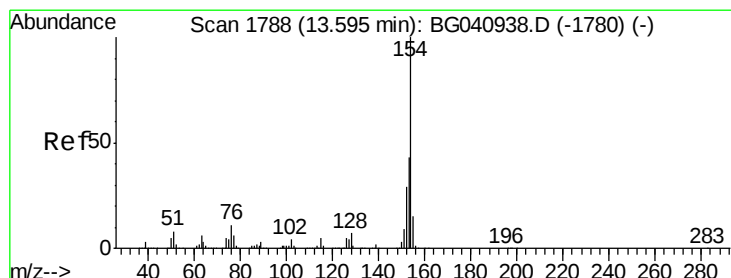
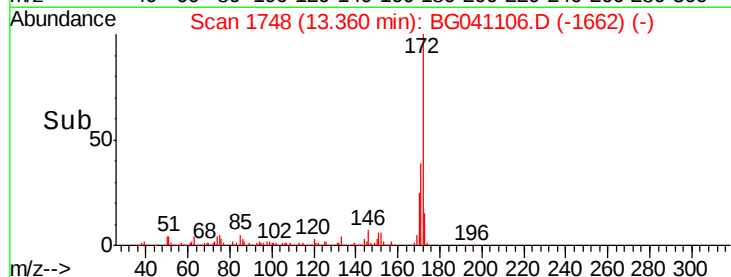
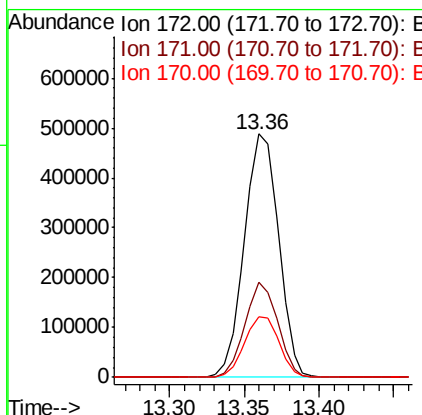
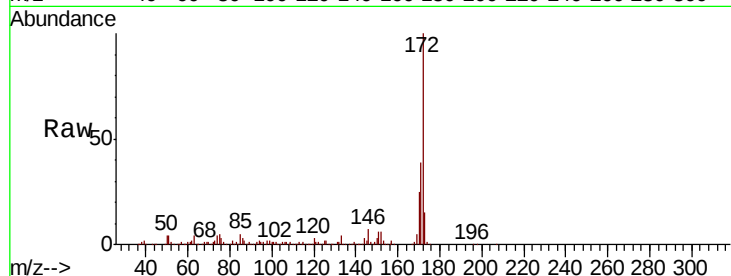




#45
 2-Fluorobiphenyl
 Concen: 74.582 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

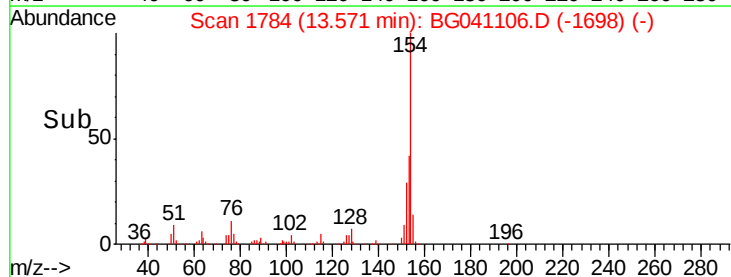
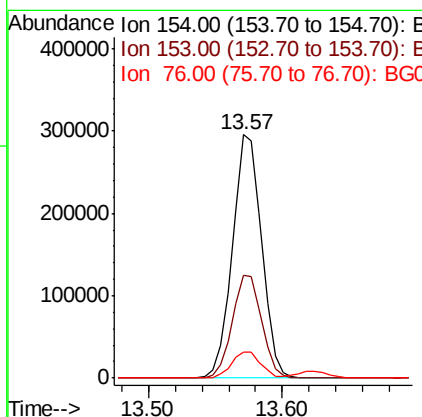
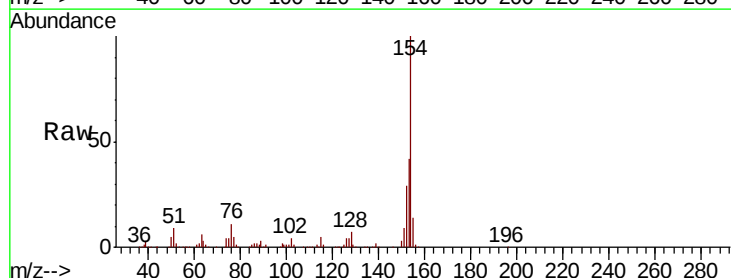
Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

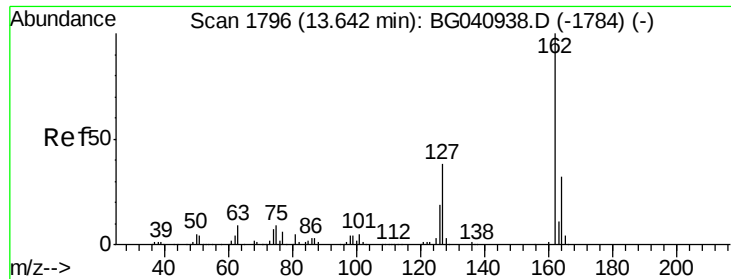
Tgt Ion:	172	Resp:	776386
Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.1	46.7
170	24.7	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 40.402 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion:	154	Resp:	448339
Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.3	63.3
76	10.9	0.0	31.1

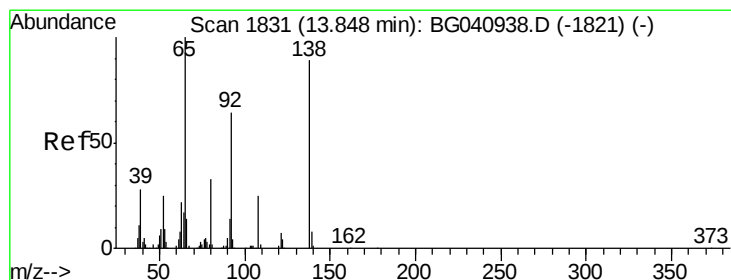
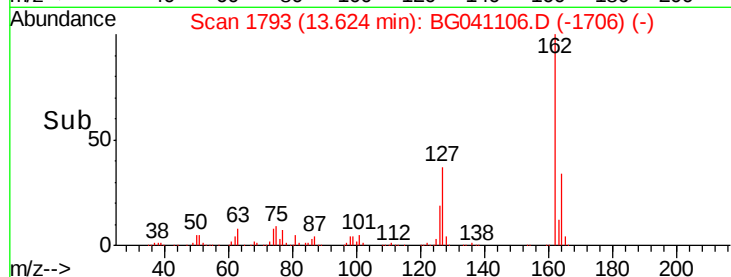
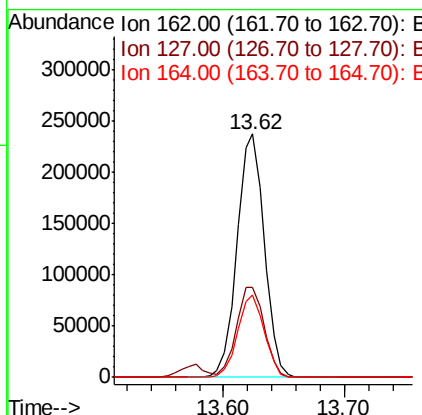
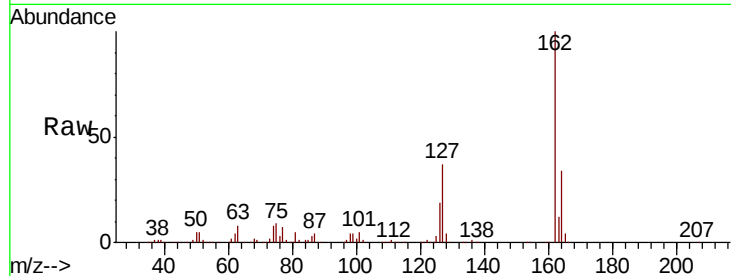




#47
 2-Chloronaphthalene
 Concen: 39.082 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

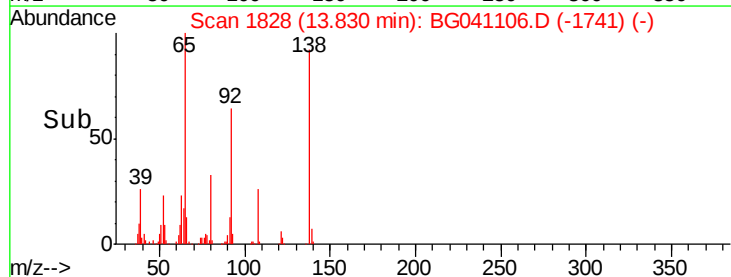
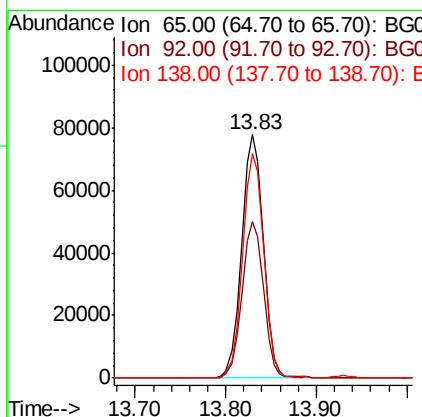
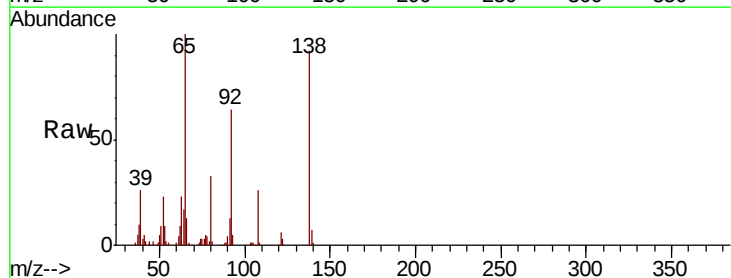
Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

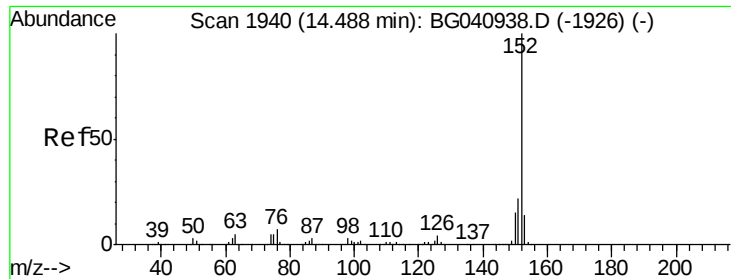
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.5	45.7
164	33.6	25.8	38.6



#48
 2-Nitroaniline
 Concen: 37.850 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	51.0	76.6
138	92.4	71.2	106.8





#49

Acenaphthylene

Concen: 39.311 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

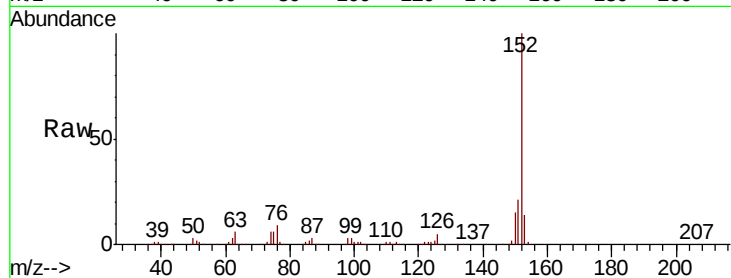
Tgt Ion:152 Resp: 563637

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.0

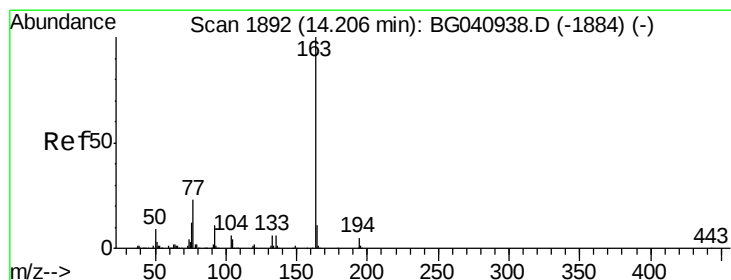
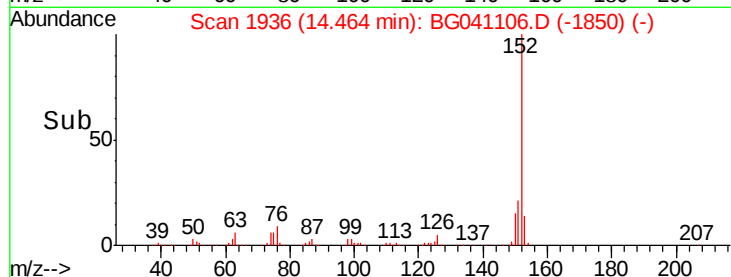
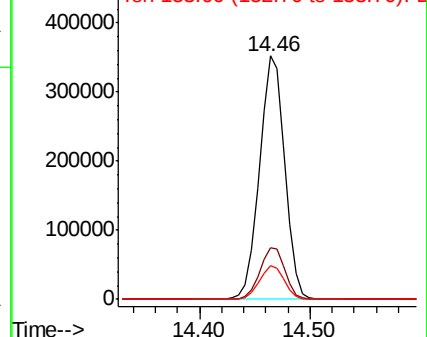
153 13.8 11.0 16.4



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



#50

Dimethylphthalate

Concen: 49.047 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

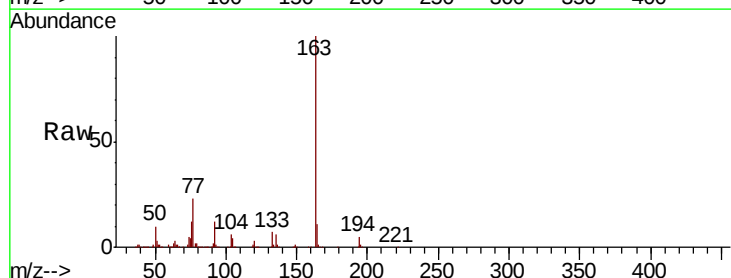
Tgt Ion:163 Resp: 622420

Ion Ratio Lower Upper

163 100

194 5.3 3.8 5.8

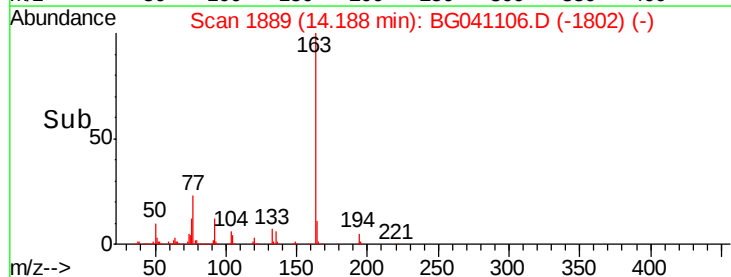
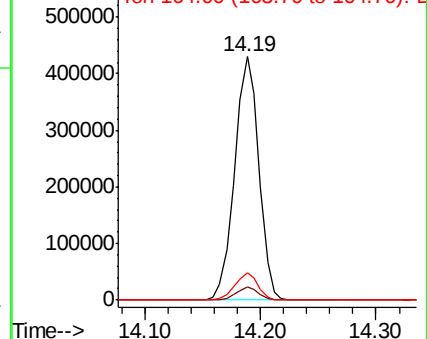
164 11.0 8.7 13.1

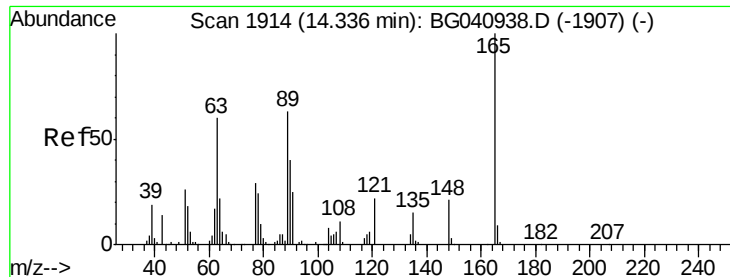


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

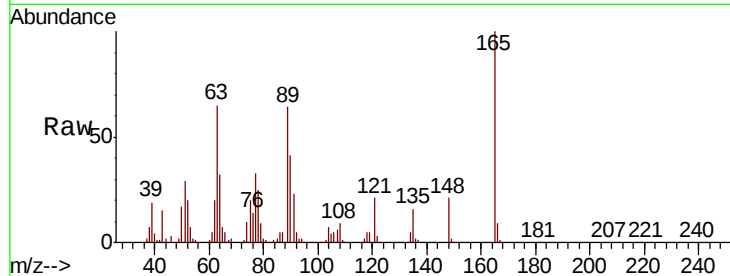




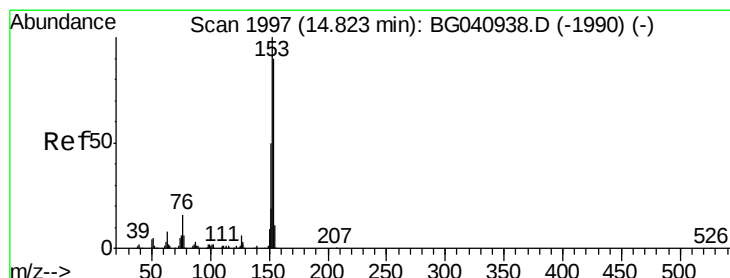
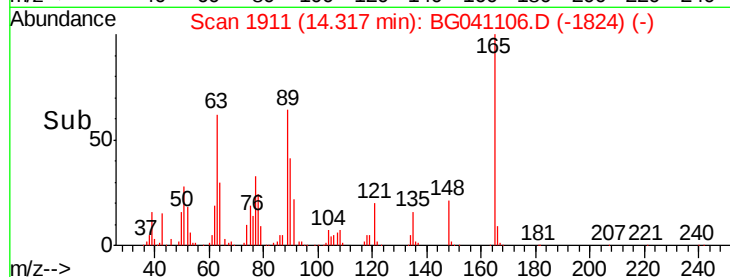
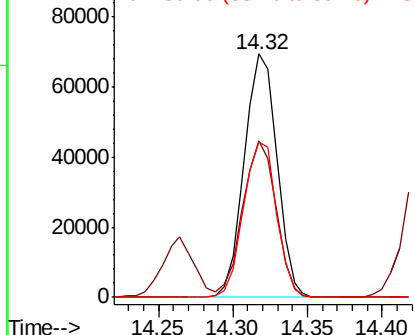
#51
 2,6-Dinitrotoluene
 Concen: 38.551 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

Tgt Ion:165 Resp: 105479
 Ion Ratio Lower Upper
 165 100
 63 64.5 53.6 80.4
 89 63.7 50.4 75.6

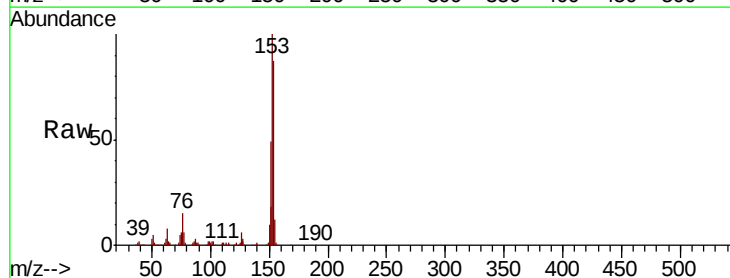


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

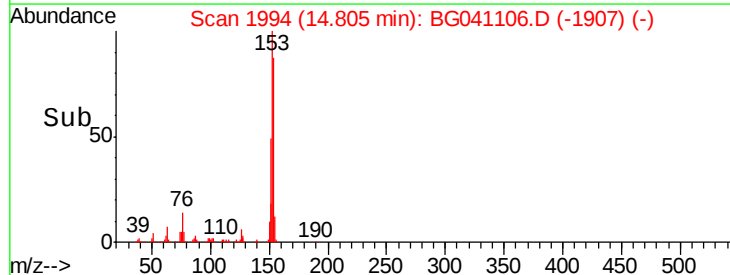
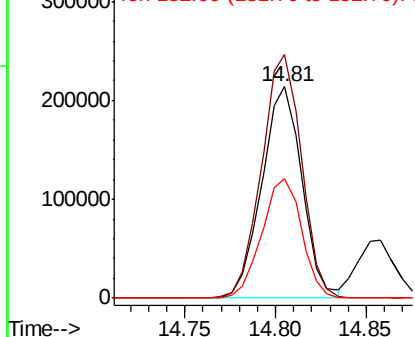


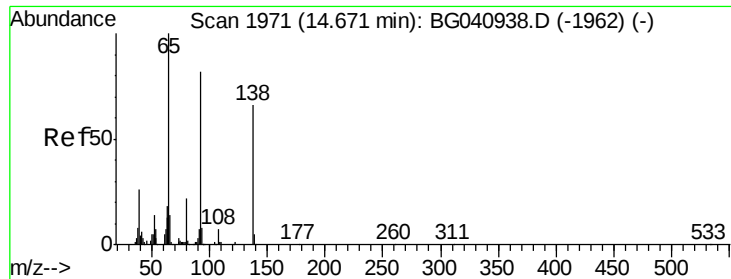
#52
 Acenaphthene
 Concen: 37.757 ng
 RT: 14.81 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion:154 Resp: 327952
 Ion Ratio Lower Upper
 154 100
 153 115.2 88.6 133.0
 152 56.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.061 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

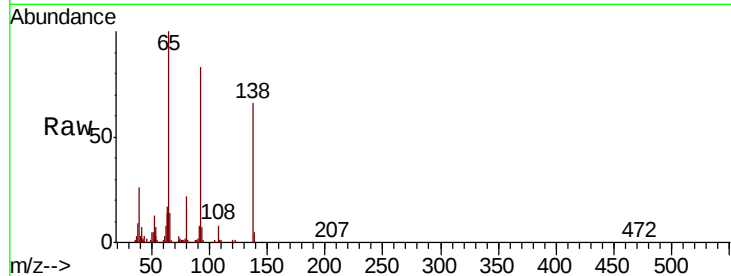
Tgt Ion:138 Resp: 63095

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

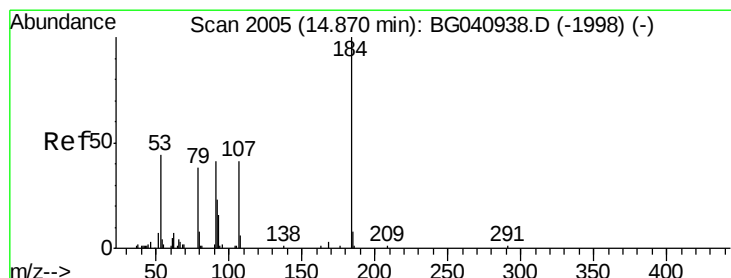
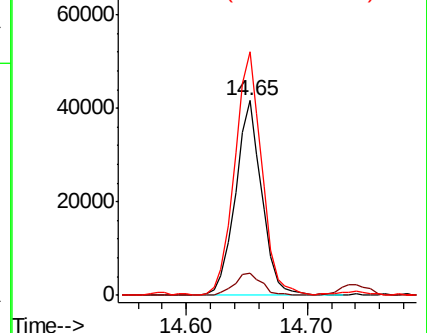
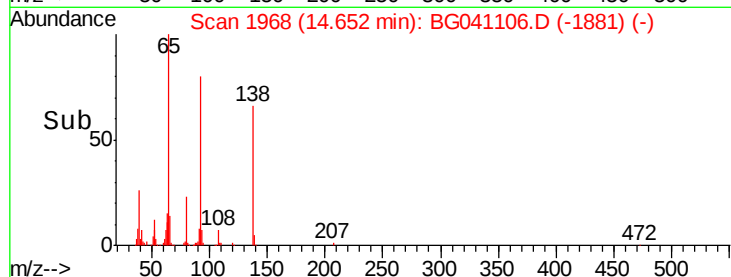
92 125.1 99.0 148.6



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



#54

2,4-Dinitrophenol

Concen: 92.577 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

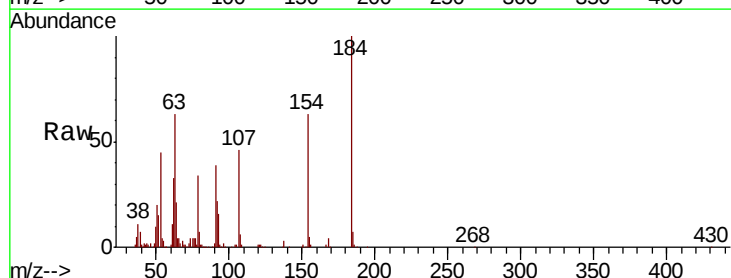
Tgt Ion:184 Resp: 140957

Ion Ratio Lower Upper

184 100

63 62.7 49.8 74.6

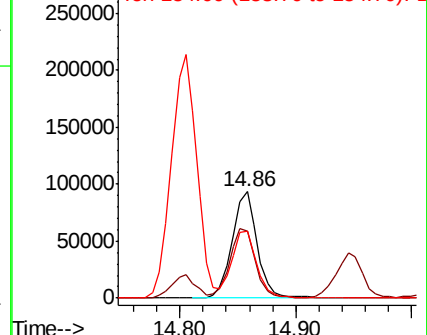
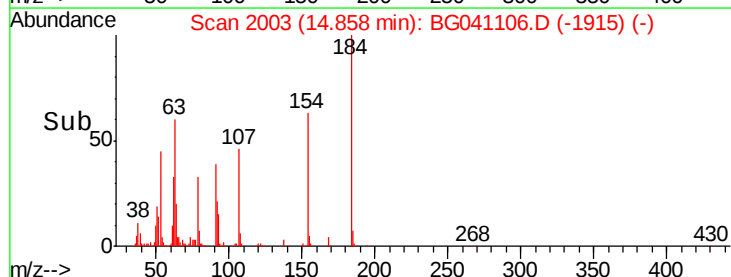
154 62.6 52.2 78.4

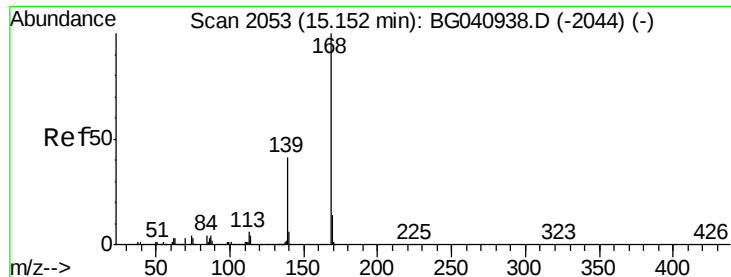


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

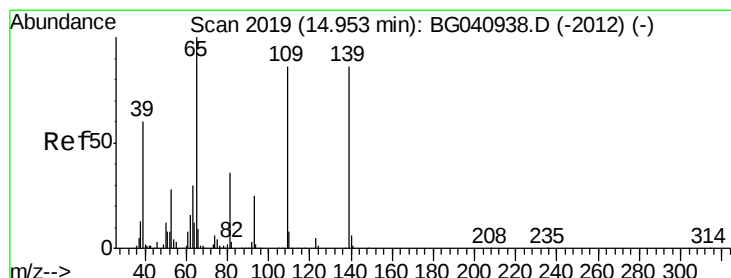
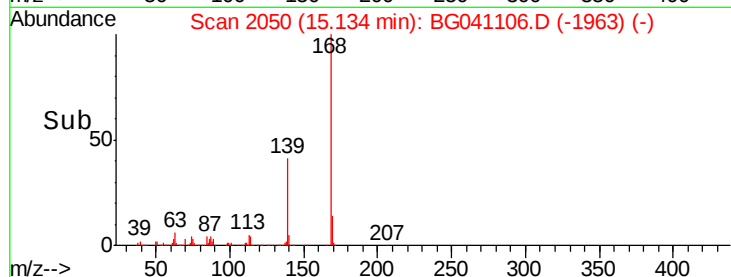
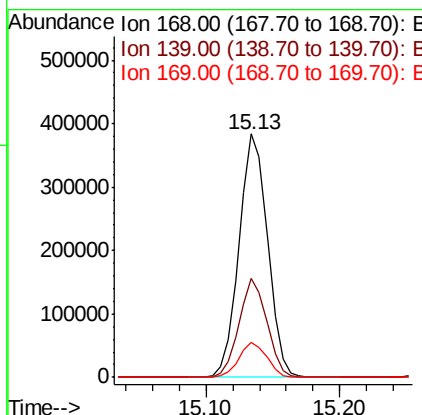
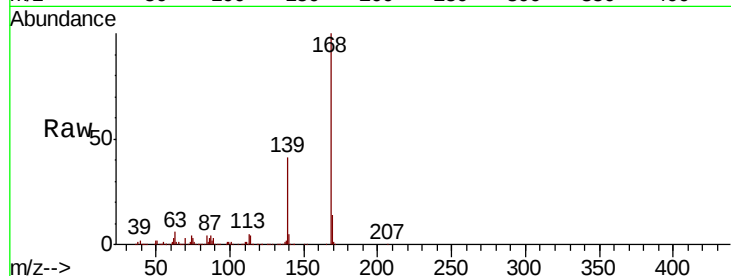




#55
Dibenzofuran
Concen: 38.730 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

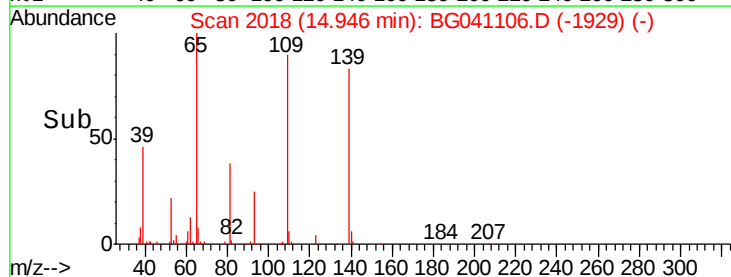
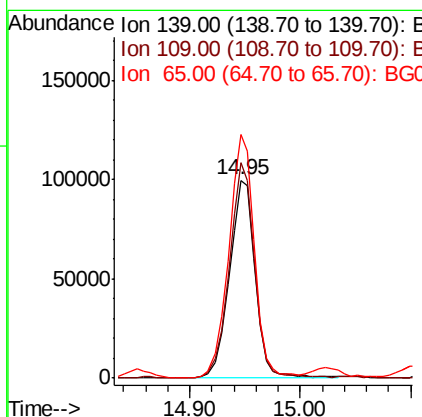
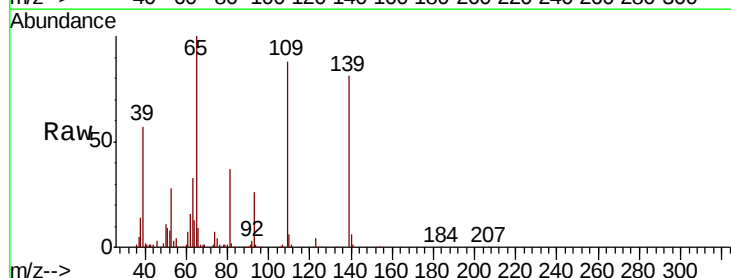
Instrument :
BNA_G
ClientSampleId :
S-8CMSD

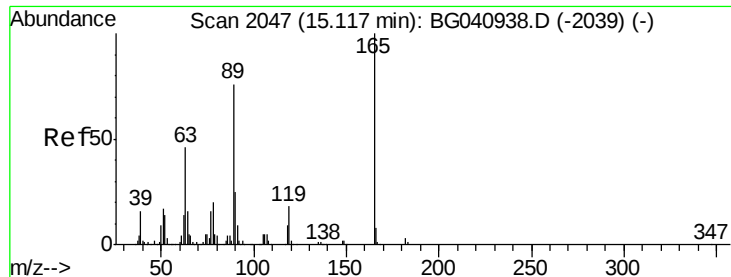
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.8	49.2
169	14.3	11.3	16.9



#56
4-Nitrophenol
Concen: 86.976 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.9	79.6	119.6
65	123.2	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 38.572 ng

RT: 15.10 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

Tgt Ion:165 Resp: 149081

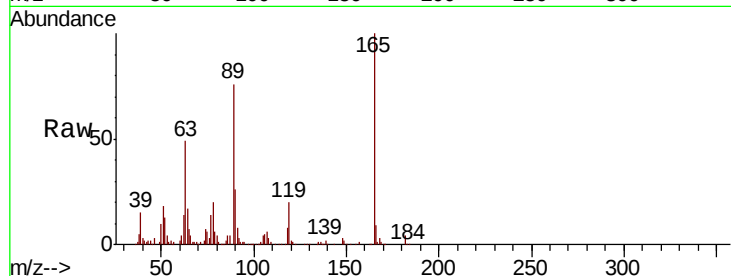
Ion Ratio Lower Upper

165 100

63 48.9 37.3 55.9

89 75.6 61.0 91.6

182 3.6 2.2 3.2#

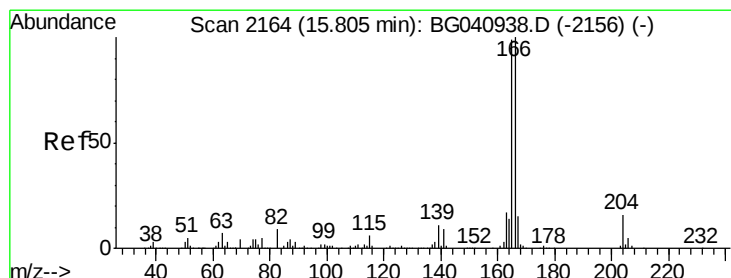
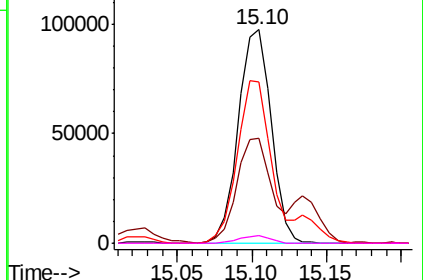
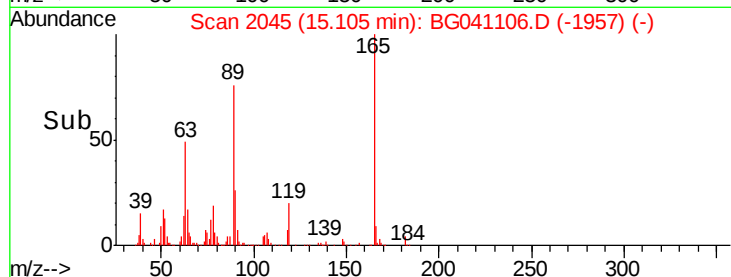


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.776 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

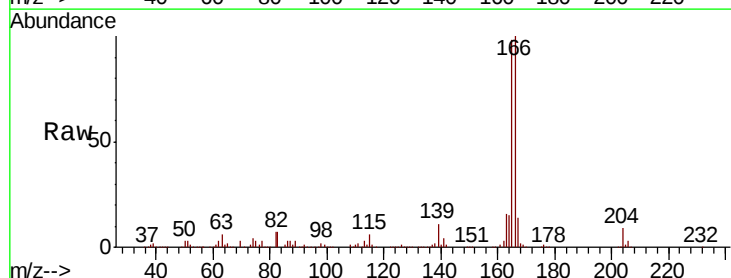
Tgt Ion:166 Resp: 439684

Ion Ratio Lower Upper

166 100

165 98.0 79.2 118.8

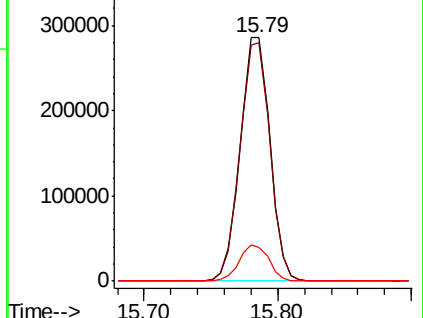
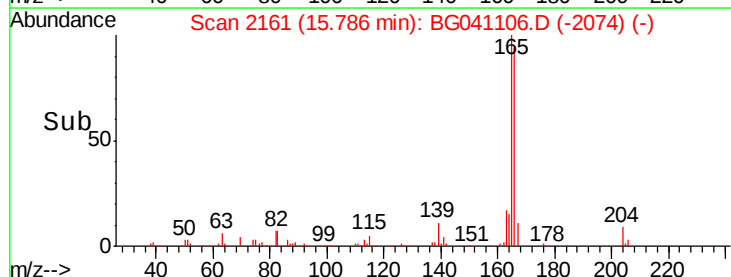
167 13.8 11.8 17.6

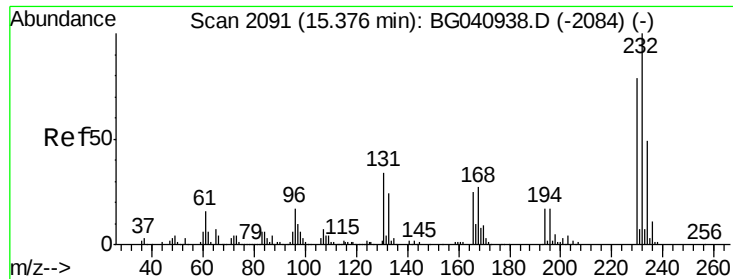


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

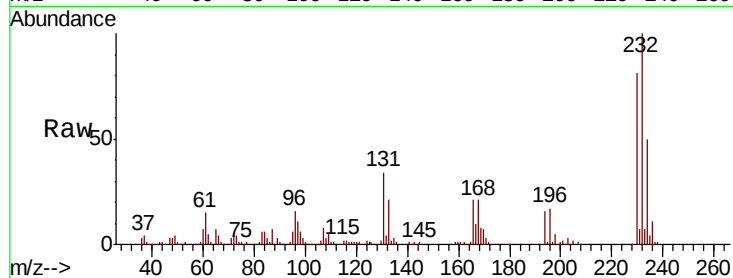




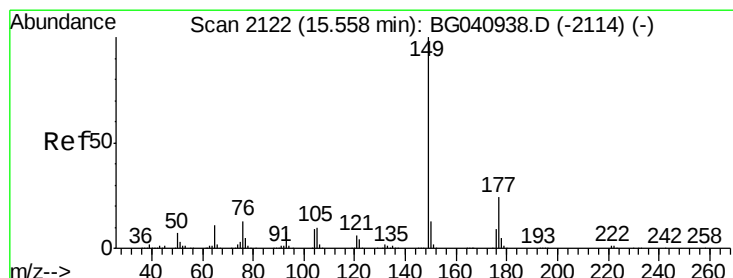
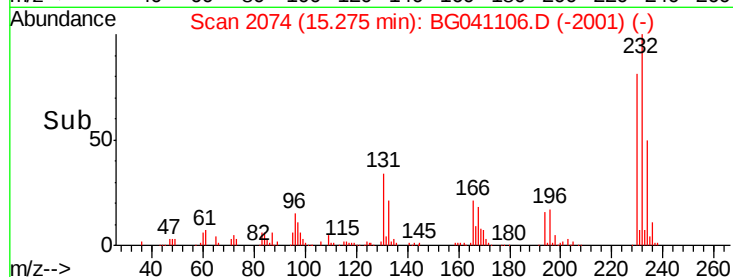
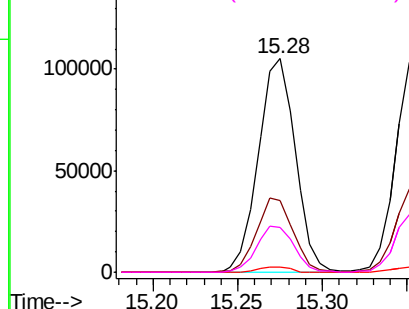
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.648 ng
RT: 15.28 min Scan# 2074
Delta R.T. -0.10 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tgt Ion:	232	Resp:	160625
Ion	Ratio	Lower	Upper
232	100		
131	34.2	30.3	45.5
130	2.1	1.8	2.8
166	21.8	21.3	31.9

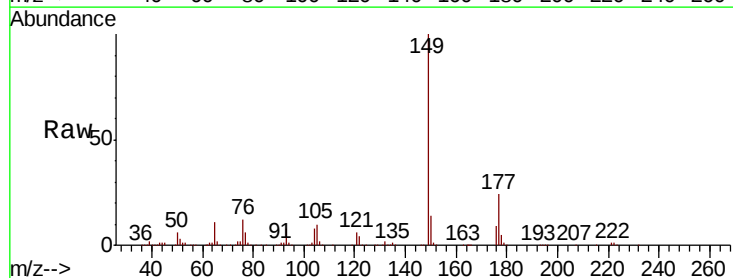


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

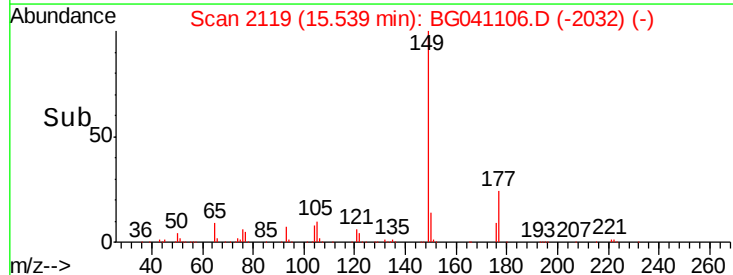
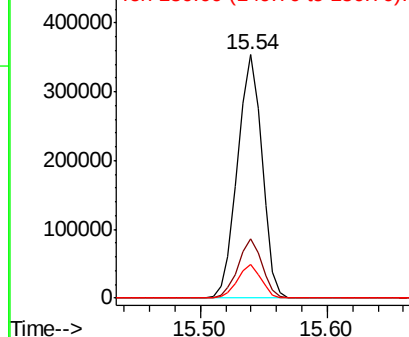


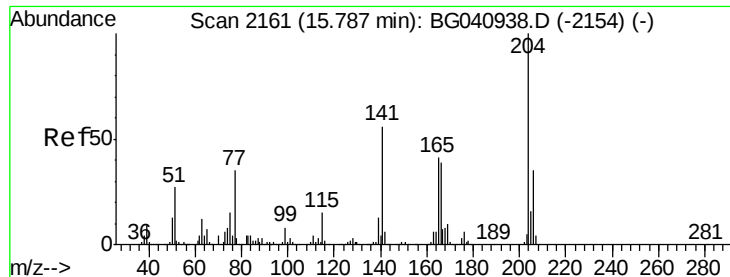
#60
Diethylphthalate
Concen: 36.529 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:	149	Resp:	473076
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.8	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

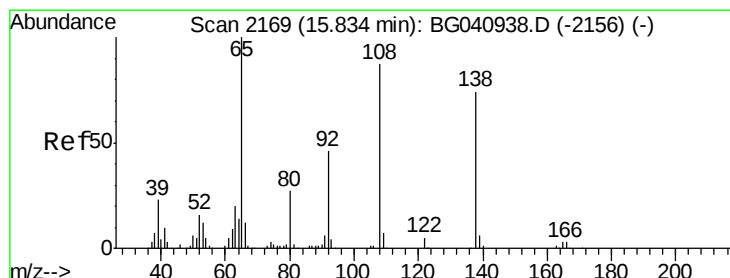
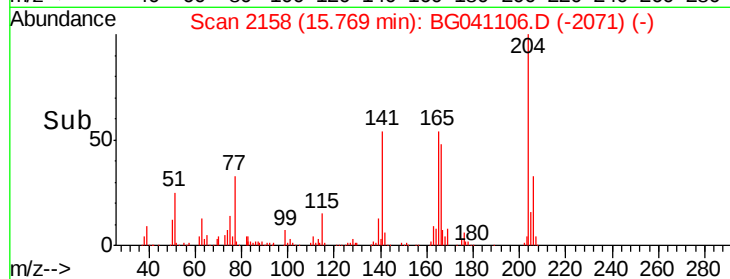
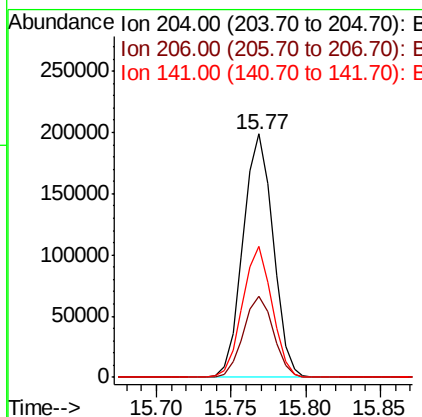
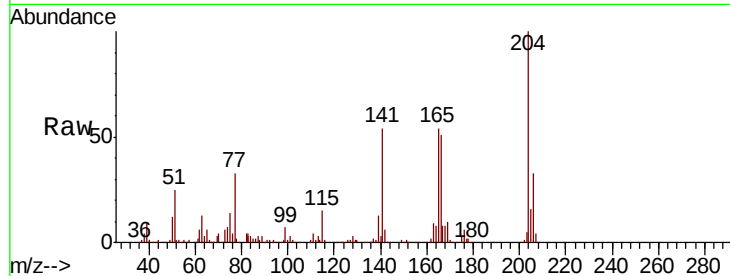




#61
 4-Chlorophenyl-phenylether
 Concen: 36.662 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

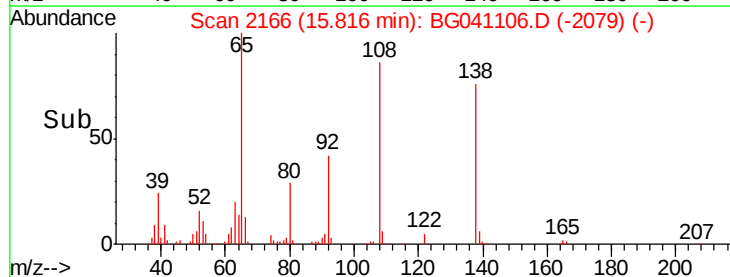
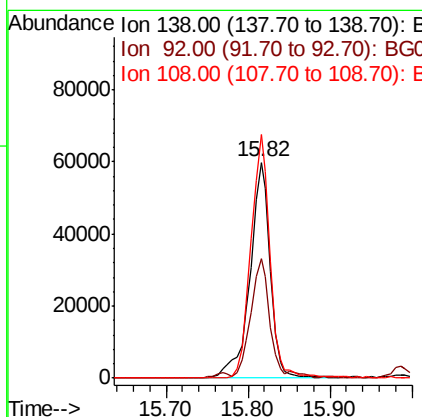
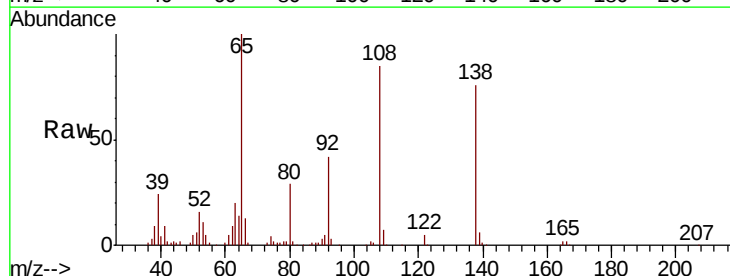
Instrument :
 BNA_G
 ClientSampleId :
 S-8CMSD

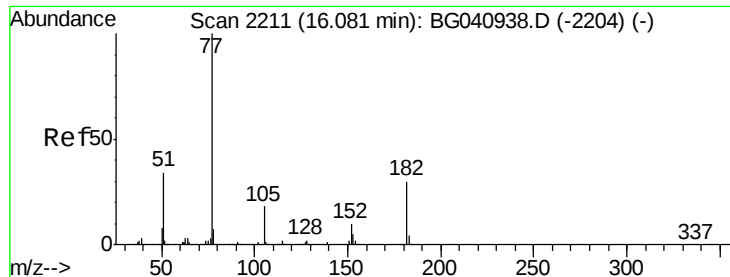
Tgt Ion: 204 Resp: 277362
 Ion Ratio Lower Upper
 204 100
 206 33.1 27.6 41.4
 141 53.9 45.1 67.7



#62
 4-Nitroaniline
 Concen: 35.770 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion: 138 Resp: 103609
 Ion Ratio Lower Upper
 138 100
 92 55.1 42.4 82.4
 108 112.8 96.9 136.9





#63

Azobenzene

Concen: 36.765 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

Tgt Ion: 77 Resp: 432747

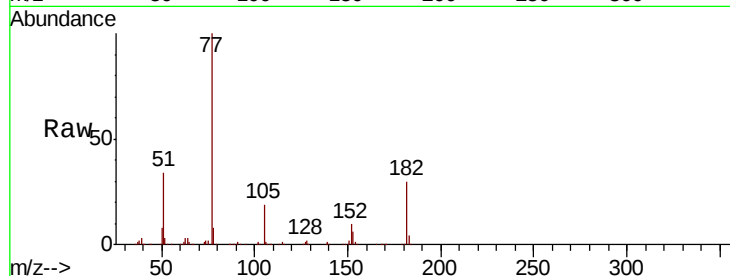
Ion Ratio Lower Upper

77 100

182 29.8 9.6 49.6

105 19.4 0.0 37.5

51 34.3 13.7 53.7

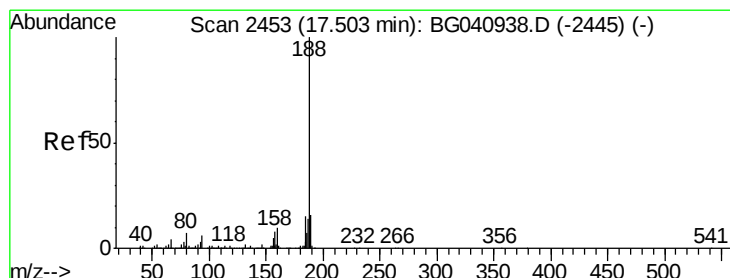
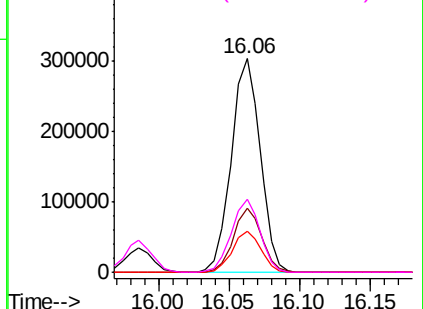
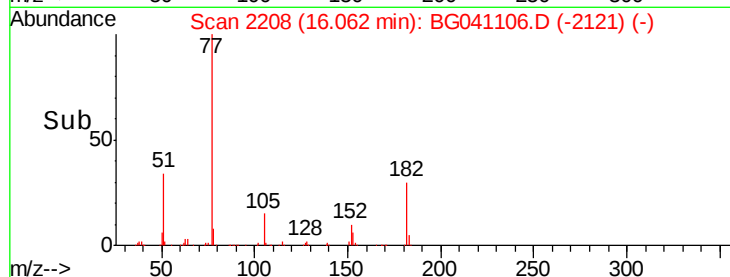


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

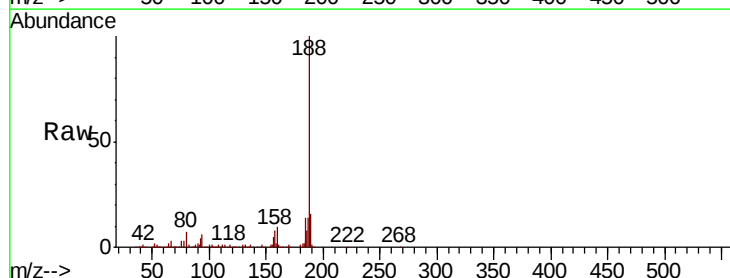
Tgt Ion: 188 Resp: 350830

Ion Ratio Lower Upper

188 100

94 6.3 4.7 7.1

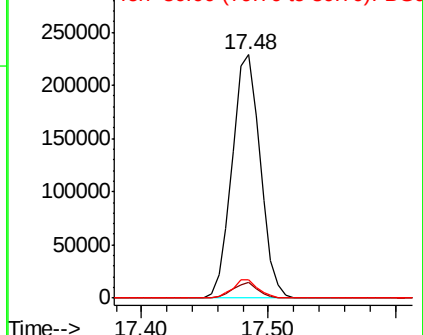
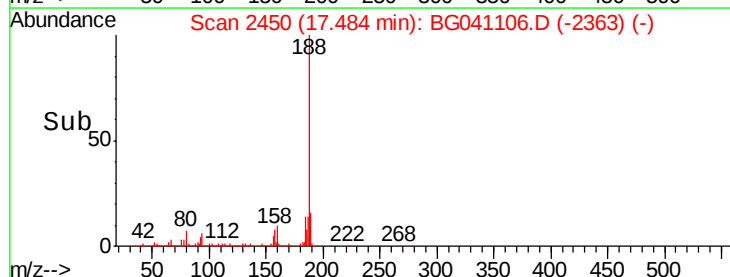
80 7.5 5.8 8.8

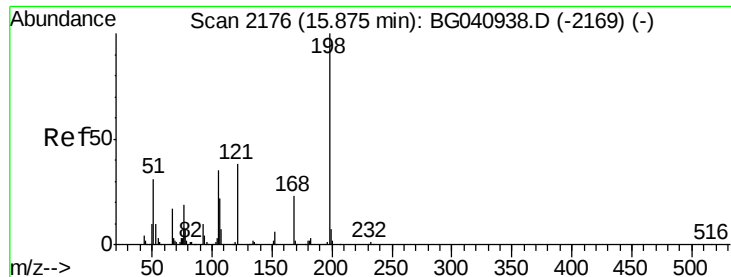


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.455 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

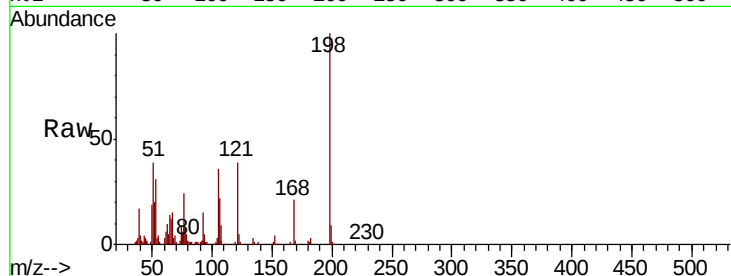
Tgt Ion:198 Resp: 93570

Ion Ratio Lower Upper

198 100

51 39.5 21.6 61.6

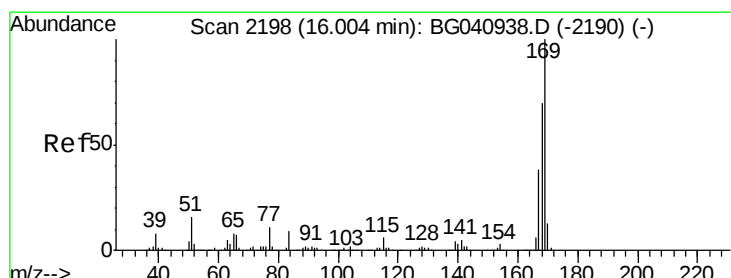
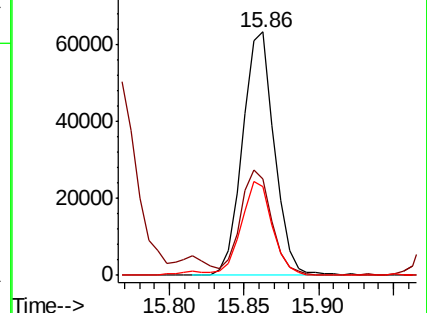
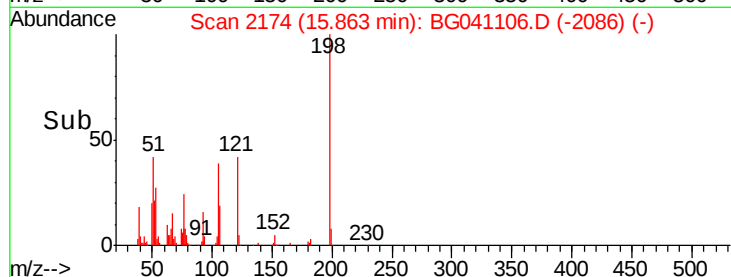
105 36.4 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041106.D (-2169) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.312 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

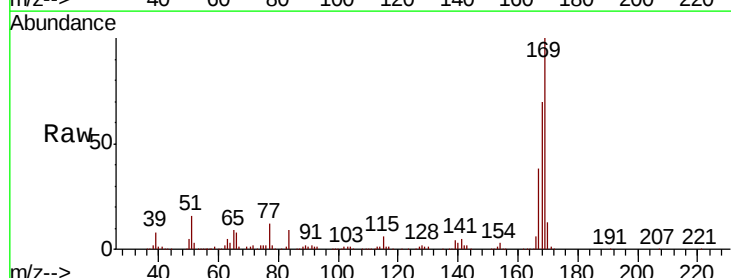
Tgt Ion:169 Resp: 397567

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

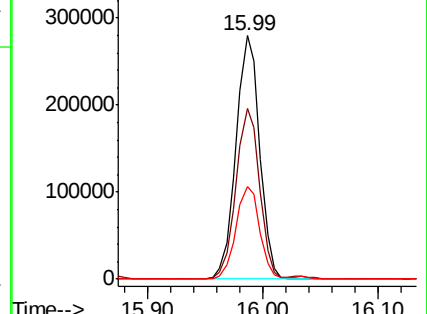
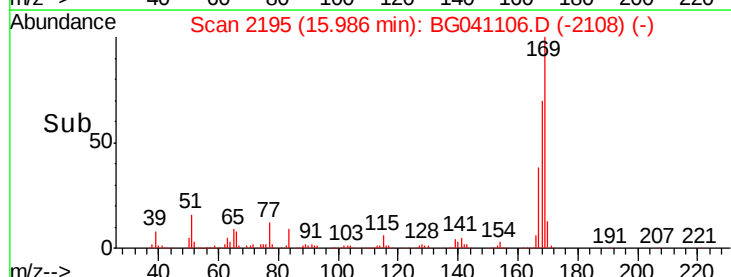
167 37.8 30.2 45.2

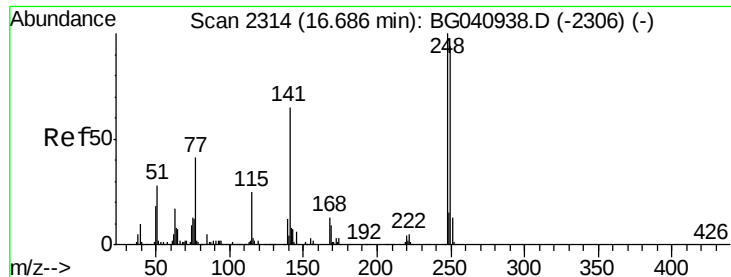


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

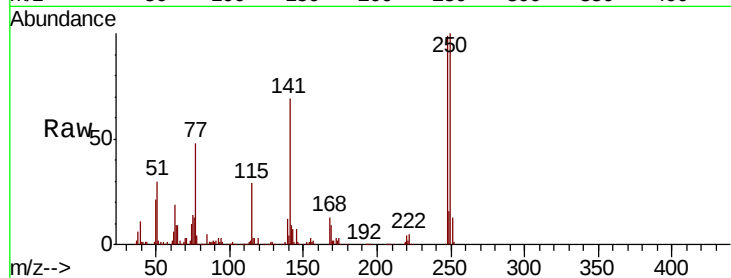




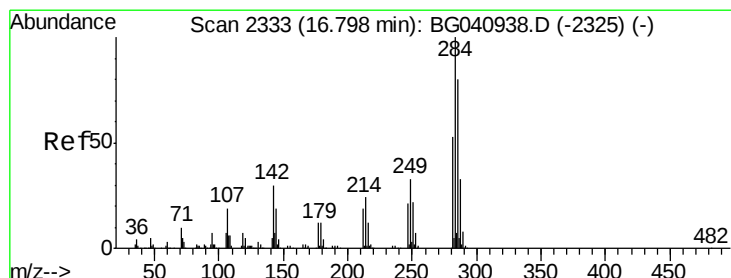
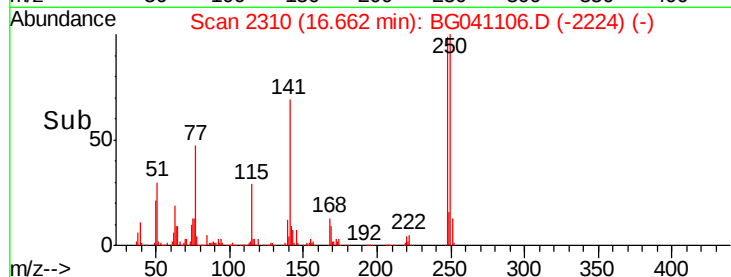
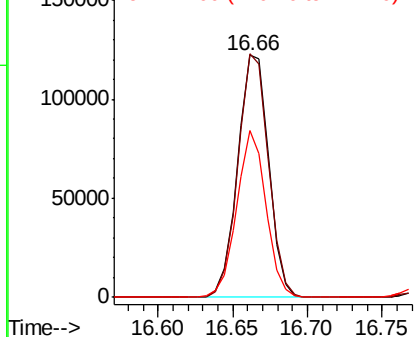
#67
4-Bromophenyl-phenylether
Concen: 37.182 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tgt Ion:248 Resp: 176040
Ion Ratio Lower Upper
248 100
250 100.7 75.0 112.4
141 69.1 52.4 78.6

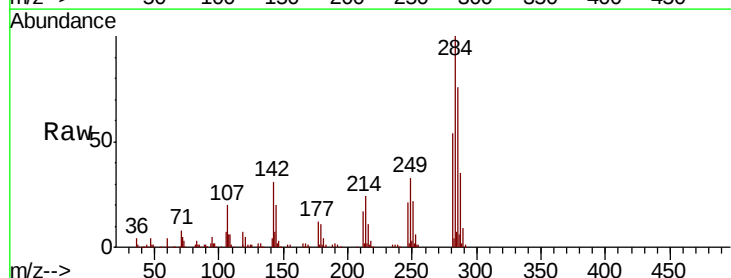


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

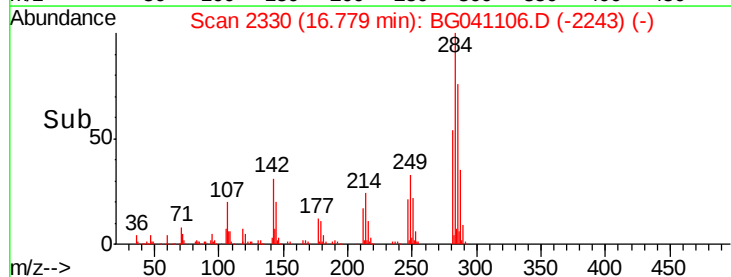
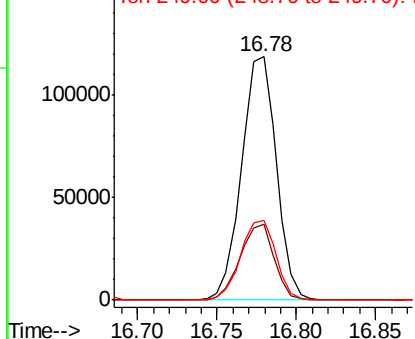


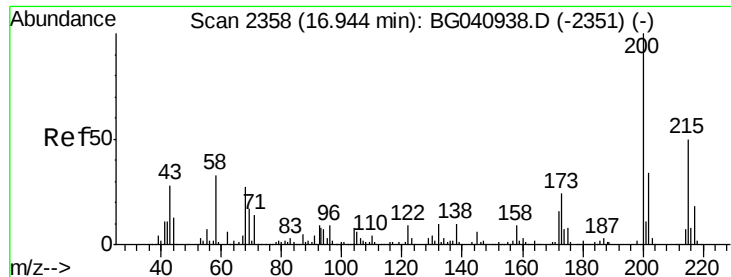
#68
Hexachlorobenzene
Concen: 35.885 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:284 Resp: 180918
Ion Ratio Lower Upper
284 100
142 30.9 23.9 35.9
249 32.6 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

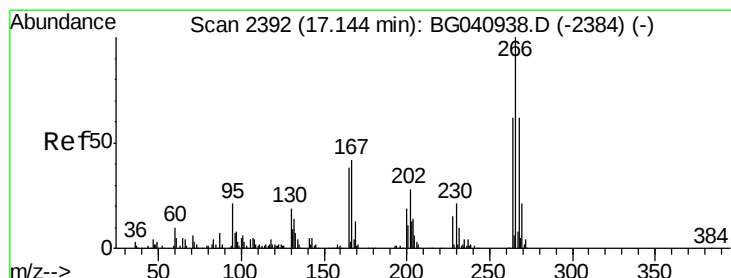
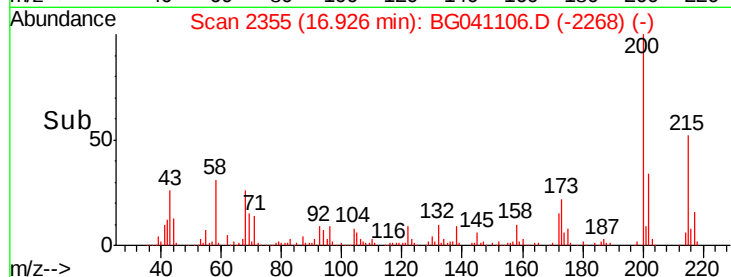
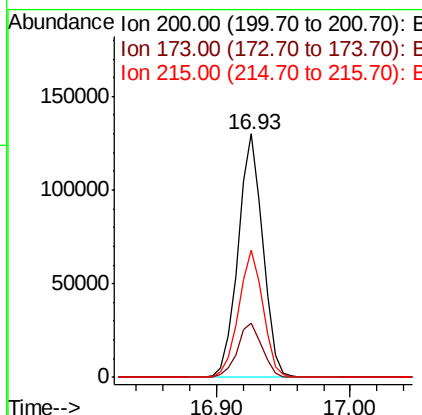
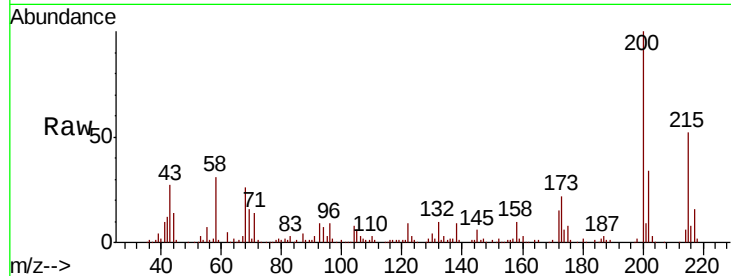




#69
Atrazine
Concen: 43.663 ng
RT: 16.93 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

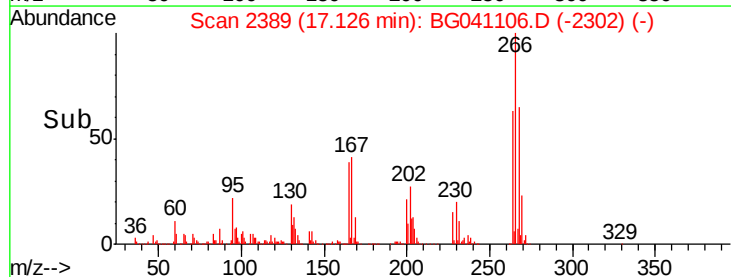
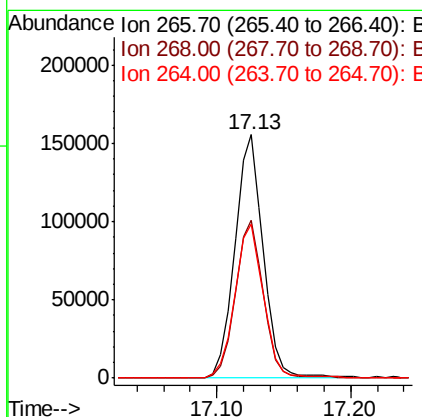
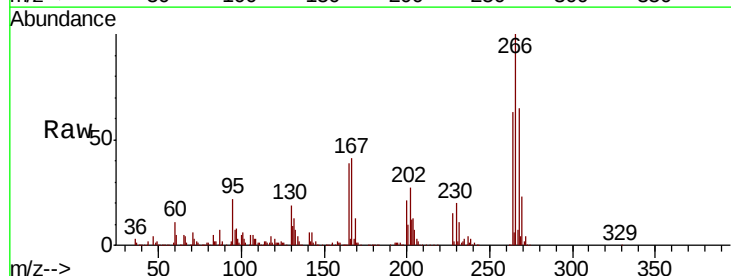
Instrument :
BNA_G
ClientSampleId :
S-8CMSD

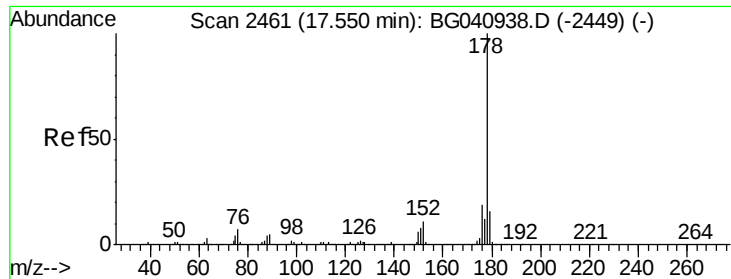
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.0	3.6	43.6
215	52.2	29.6	69.6



#70
Pentachlorophenol
Concen: 84.179 ng
RT: 17.13 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.1	79.7
264	63.2	49.9	74.9





#71

Phenanthrene

Concen: 39.917 ng

RT: 17.53 min Scan# 2457

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

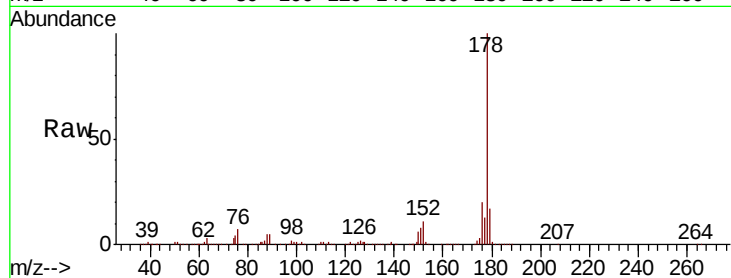
Tgt Ion:178 Resp: 729453

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

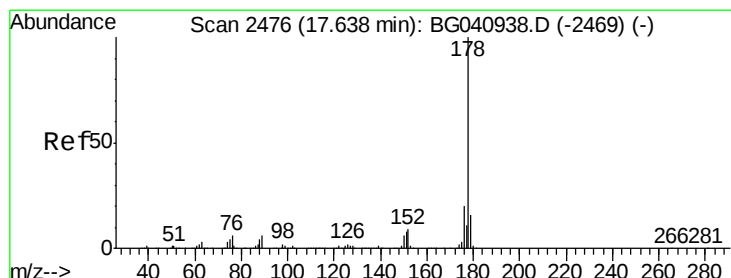
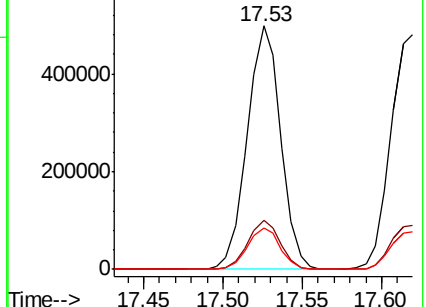
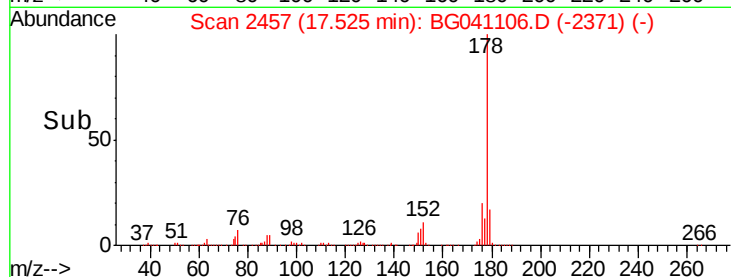
179 16.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.665 ng

RT: 17.62 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

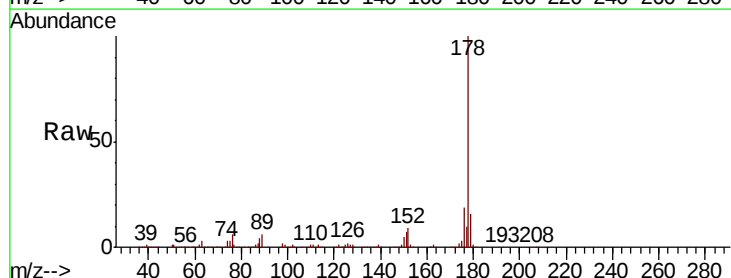
Tgt Ion:178 Resp: 732909

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

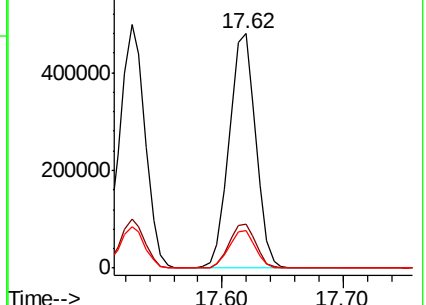
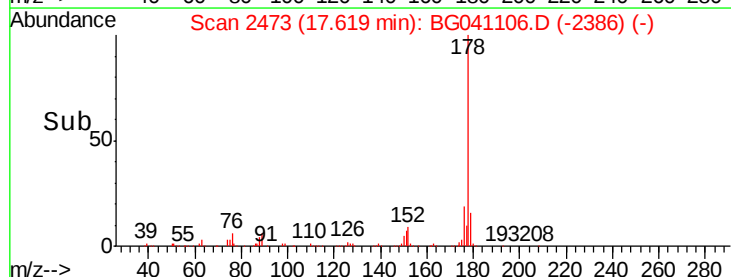
179 16.2 13.0 19.4

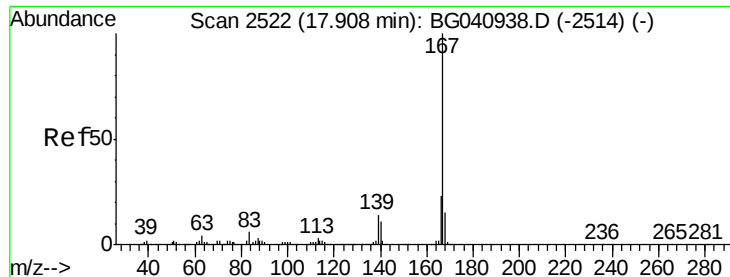


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

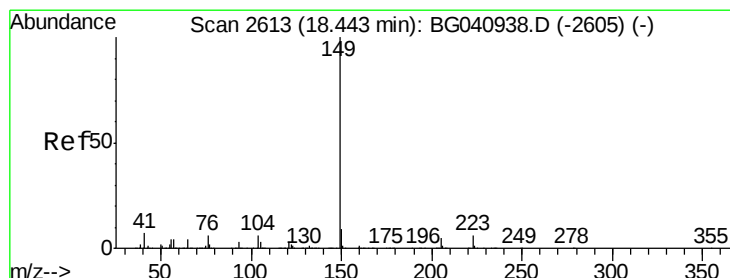
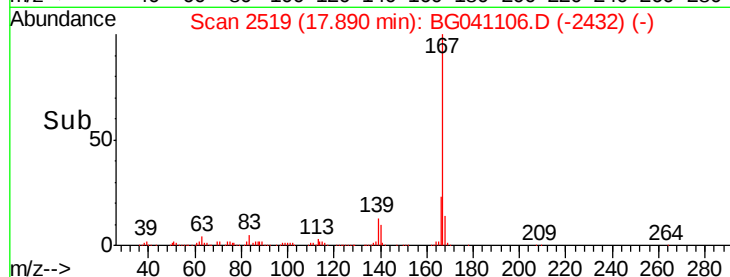
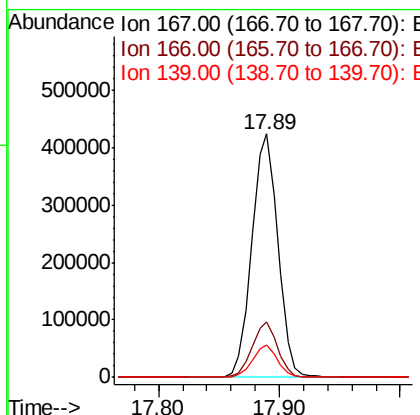
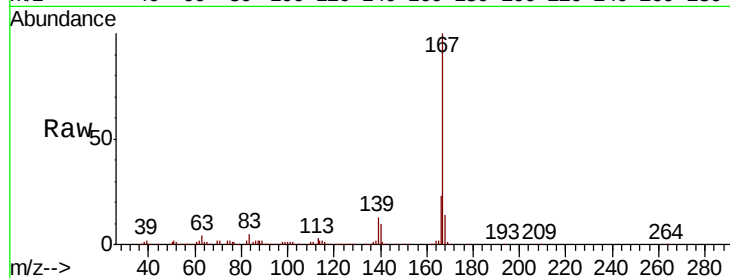




#73
 Carbazole
 Concen: 41.266 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

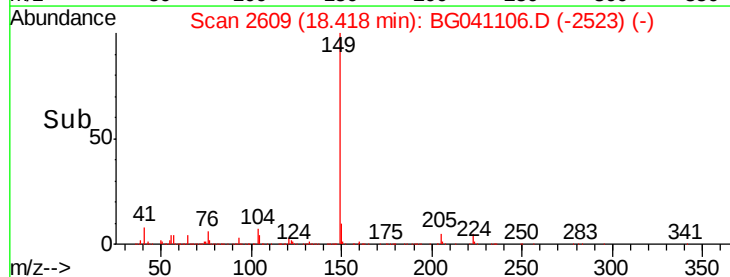
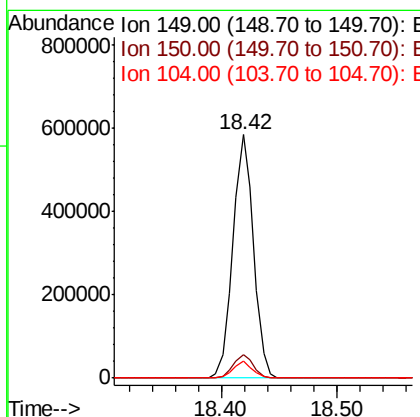
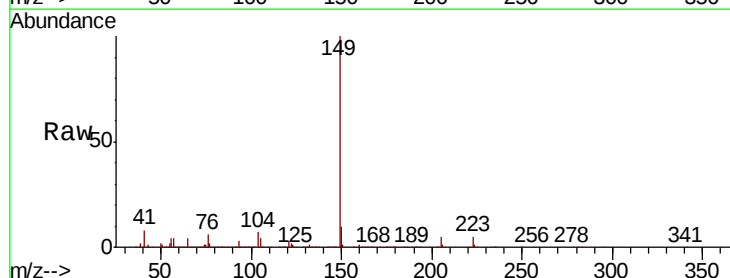
Instrument :
 BNA_G
 ClientSampled :
 S-8CMSD

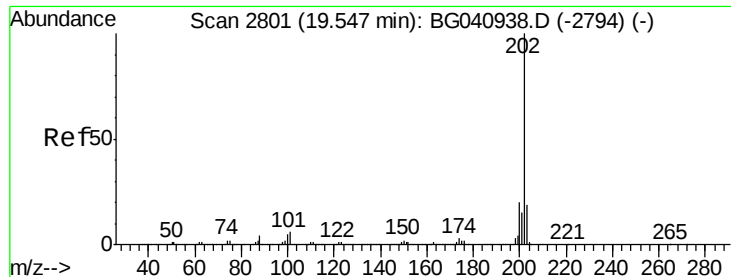
Tgt Ion:167 Resp: 638172
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.338 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BG041106.D
 Acq: 7 Jun 2019 17:57

Tgt Ion:149 Resp: 717659
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 6.9 5.0 7.4





#75

Fluoranthene

Concen: 40.139 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

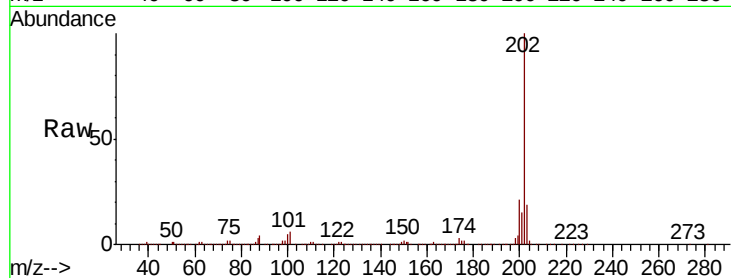
Tgt Ion:202 Resp: 906006

Ion Ratio Lower Upper

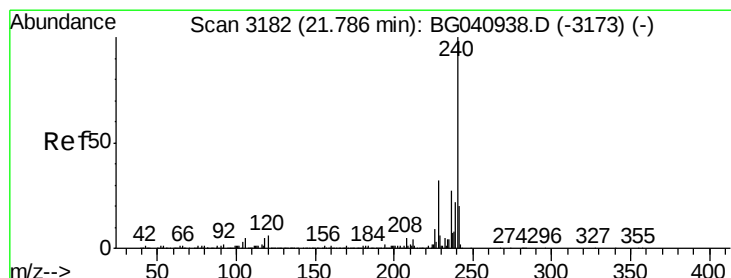
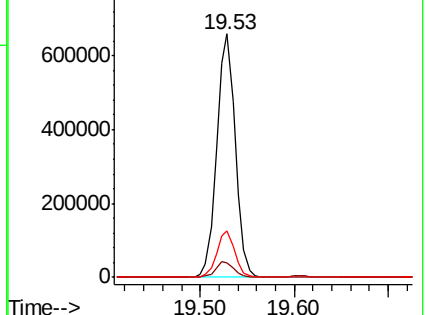
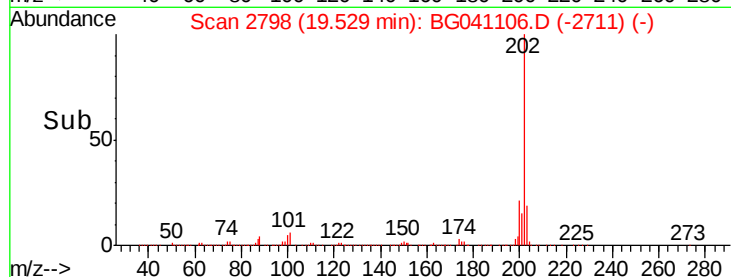
202 100

101 6.1 0.0 26.2

203 19.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

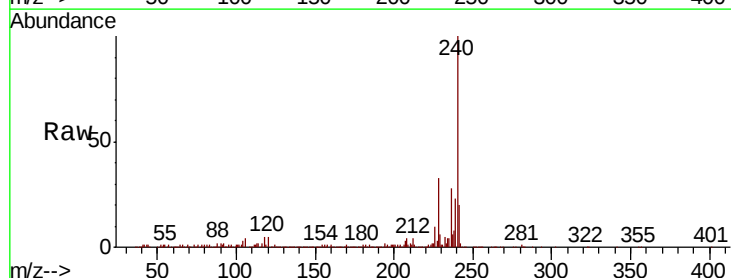
Tgt Ion:240 Resp: 340070

Ion Ratio Lower Upper

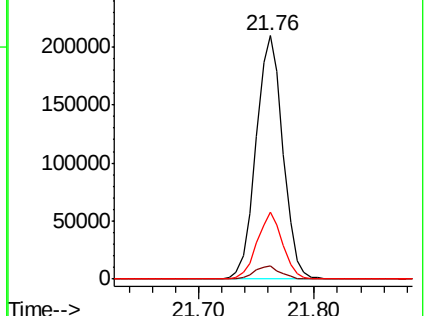
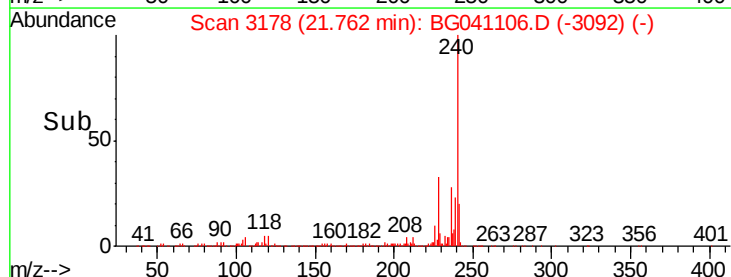
240 100

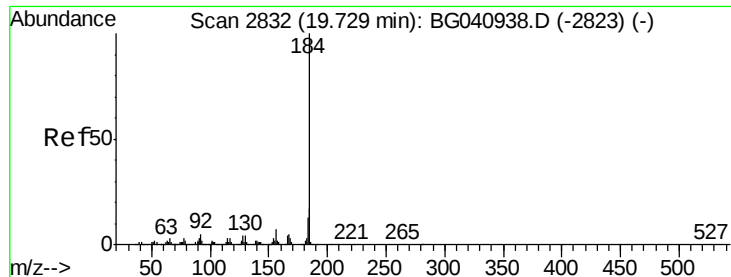
120 5.4 4.5 6.7

236 27.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.797 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

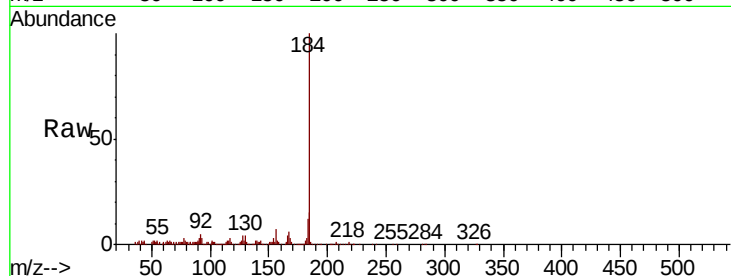
Tgt Ion:184 Resp: 193056

Ion Ratio Lower Upper

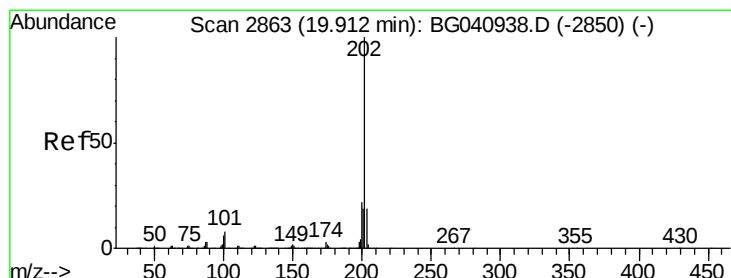
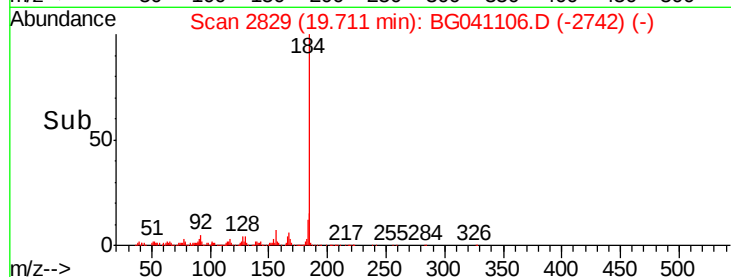
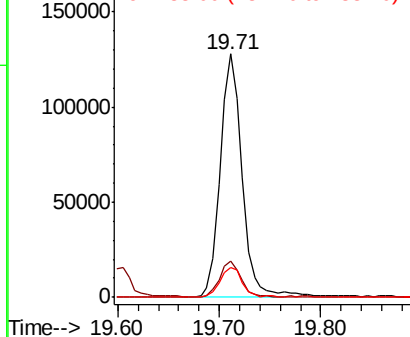
184 100

185 14.8 13.3 19.9

183 12.3 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.591 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

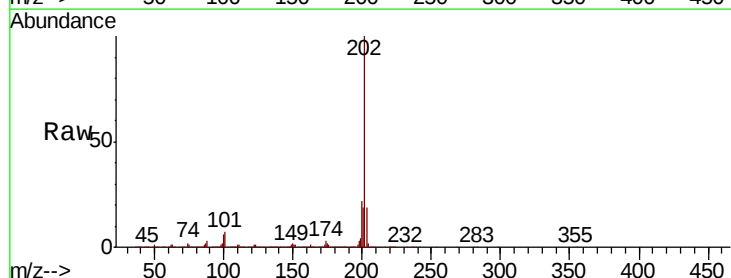
Tgt Ion:202 Resp: 897344

Ion Ratio Lower Upper

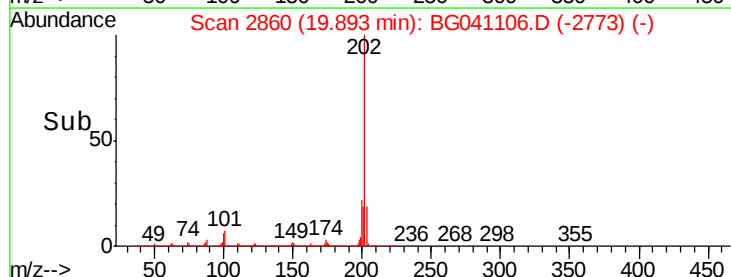
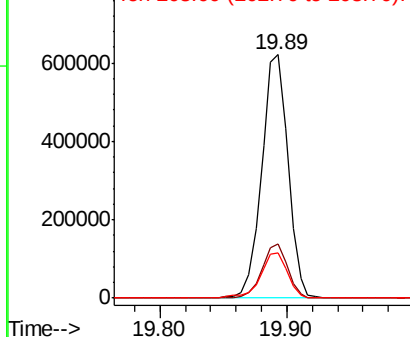
202 100

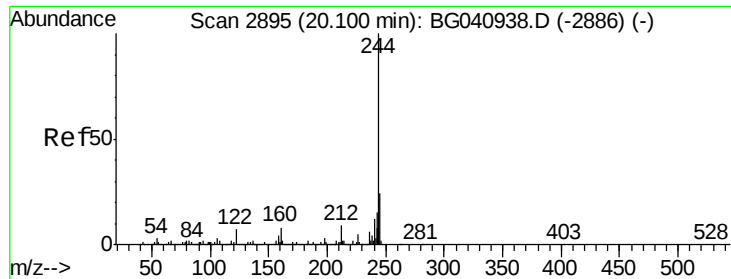
200 22.2 17.5 26.3

203 18.7 15.6 23.4



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





#79

Terphenyl-d14

Concen: 73.092 ng

RT: 20.08 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

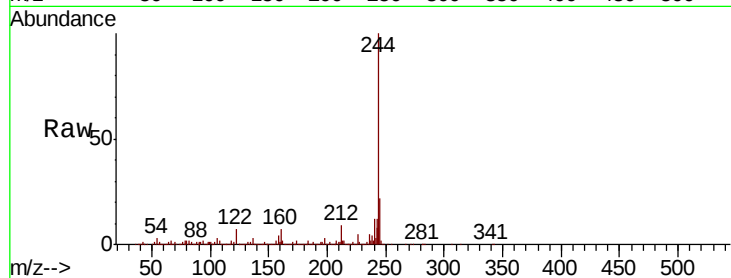
Tgt Ion:244 Resp: 1171172

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

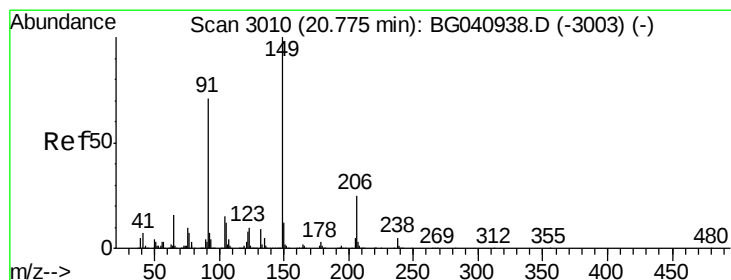
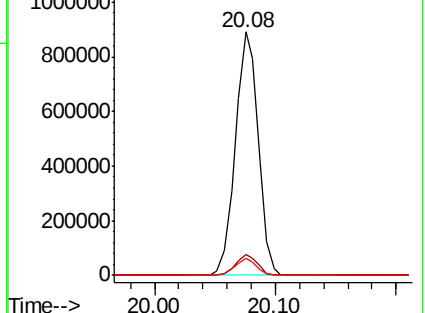
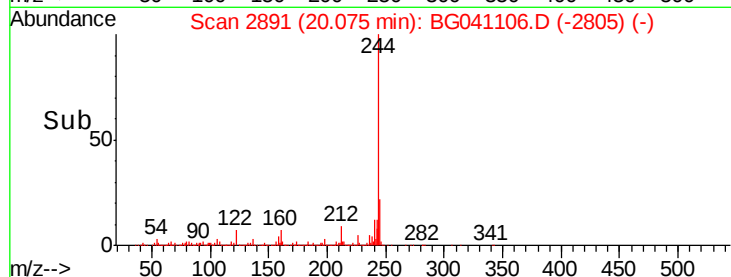
122 7.1 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.309 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

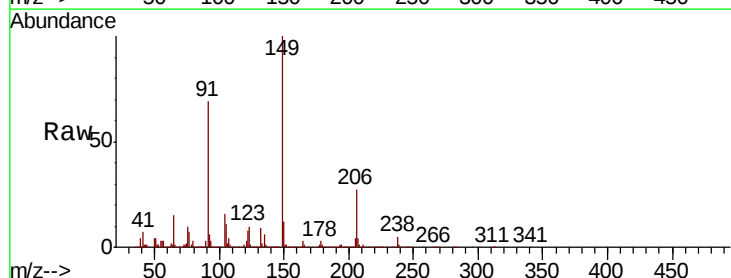
Tgt Ion:149 Resp: 355382

Ion Ratio Lower Upper

149 100

91 68.8 56.5 84.7

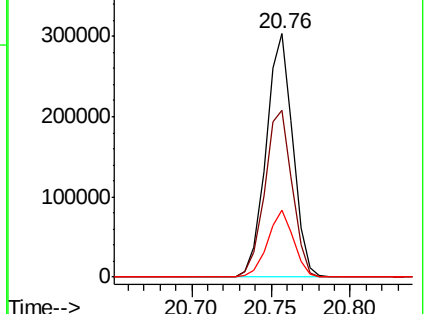
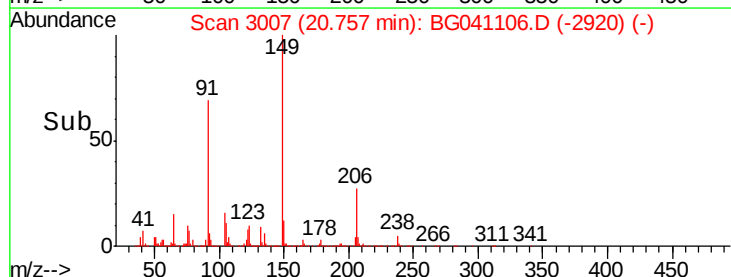
206 27.3 20.3 30.5

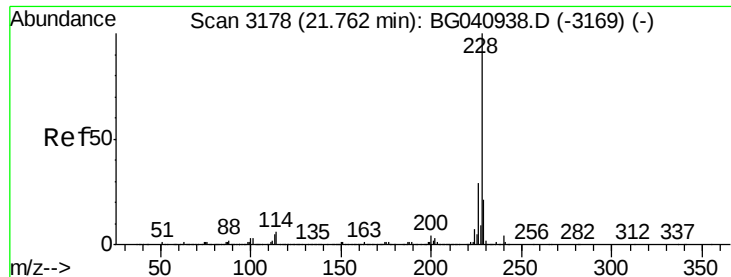


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.596 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

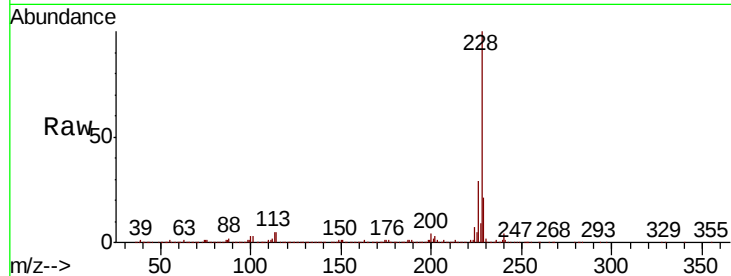
Tgt Ion:228 Resp: 873711

Ion Ratio Lower Upper

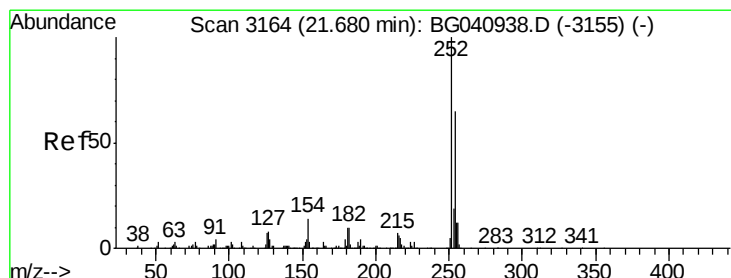
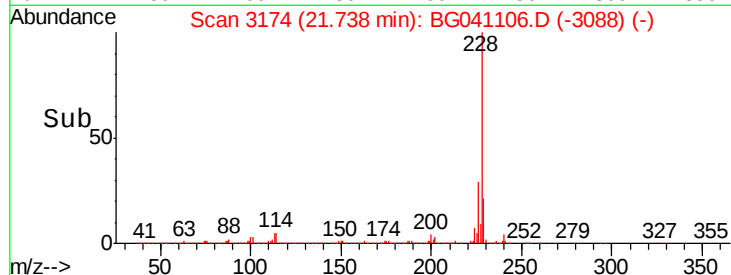
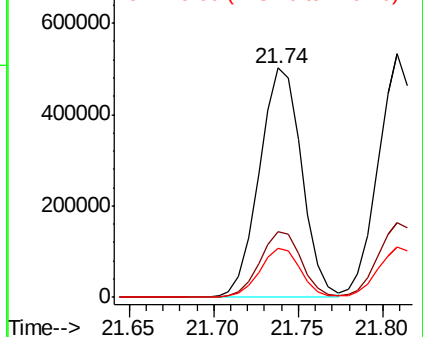
228 100

226 28.9 23.5 35.3

229 21.2 16.7 25.1



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



#82

3,3'-Dichlorobenzidine

Concen: 22.503 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

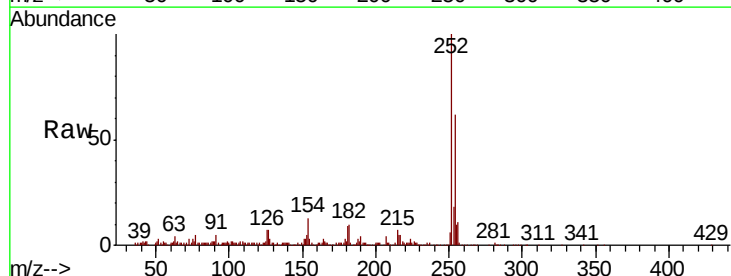
Tgt Ion:252 Resp: 179167

Ion Ratio Lower Upper

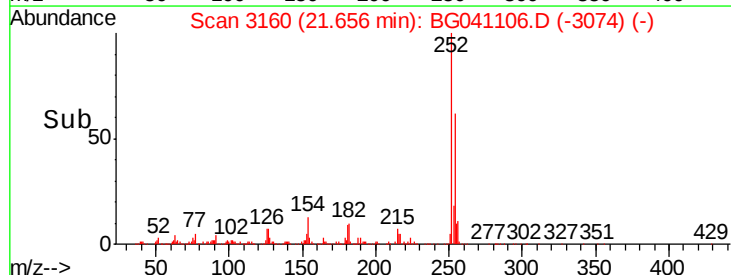
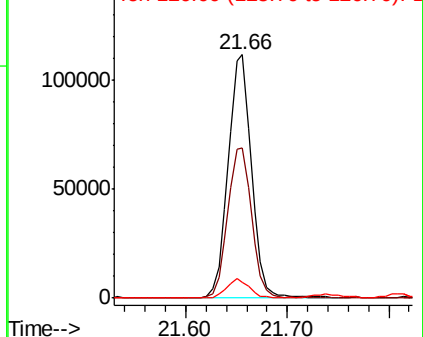
252 100

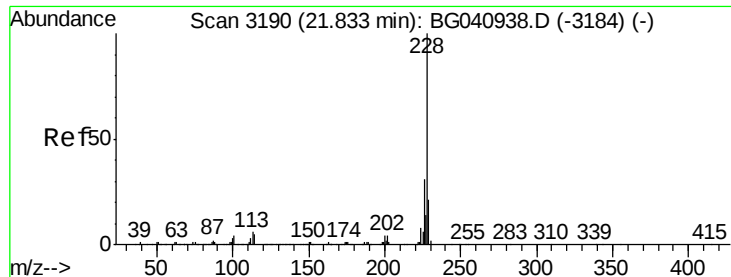
254 61.8 52.1 78.1

126 6.5 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.523 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

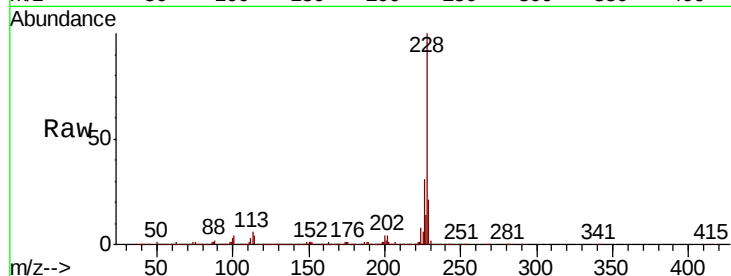
BNA_G

ClientSampleId :

S-8CMSD

Tgt Ion: 228 Resp: 856176

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.7	16.6	24.8

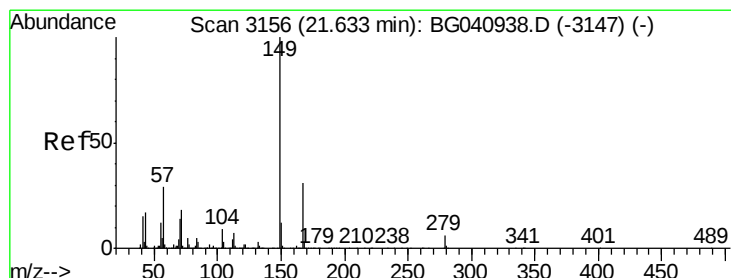
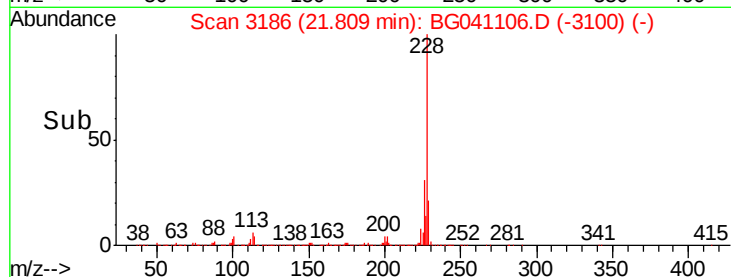
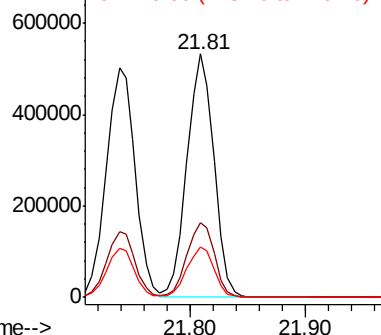


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.284 ng

RT: 21.61 min Scan# 3152

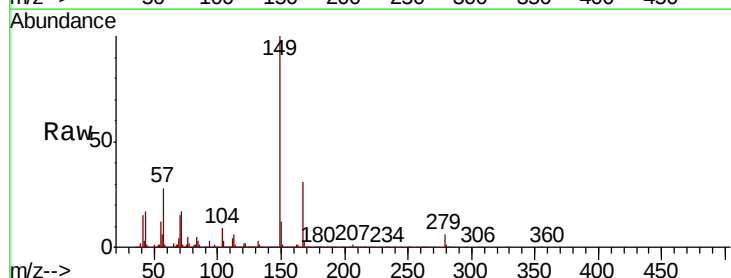
Delta R.T. -0.02 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Tgt Ion: 149 Resp: 596863

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.6	37.0
279	6.4	5.0	7.6

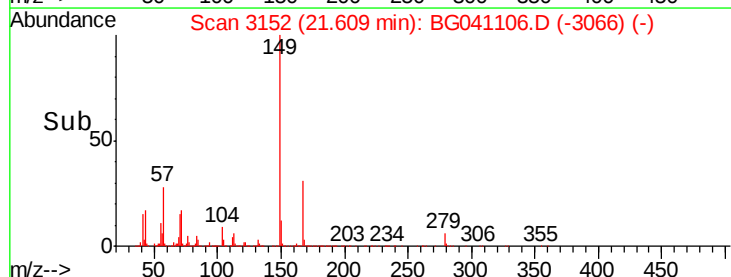
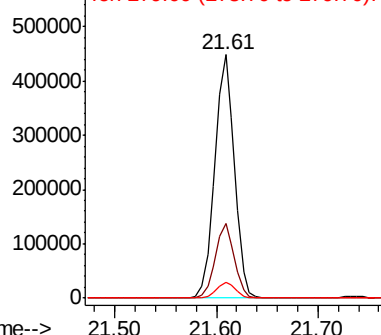


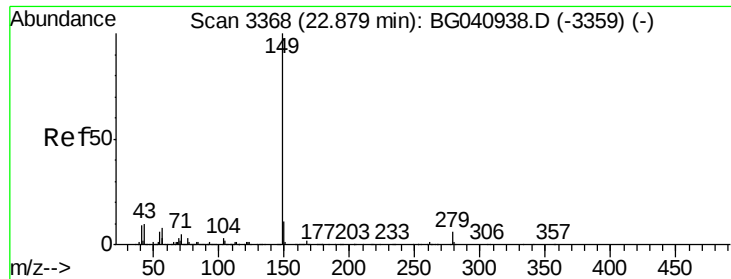
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.532 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

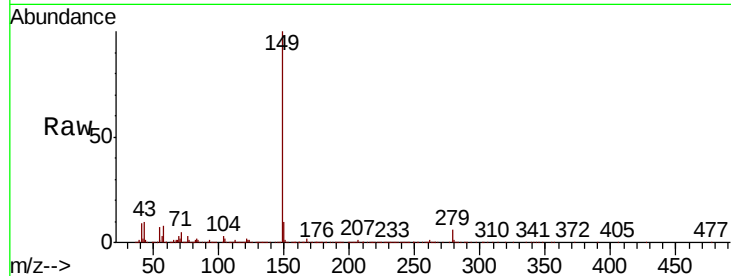
Instrument :

BNA_G

ClientSampleId :

S-8CMSD

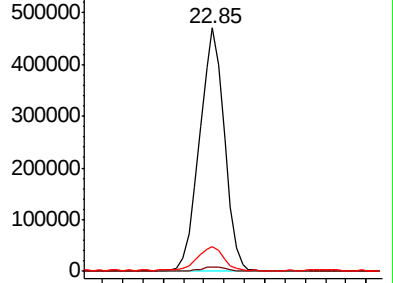
Tgt Ion:	149	Resp:	797337
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.0	8.1	12.1



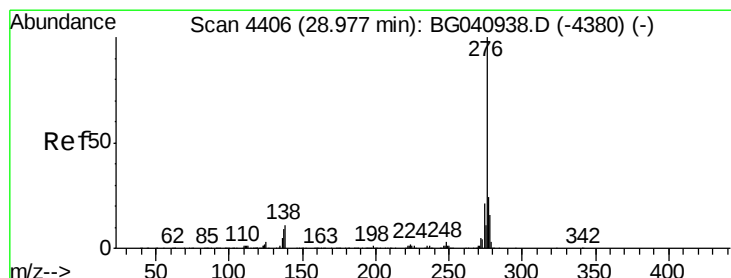
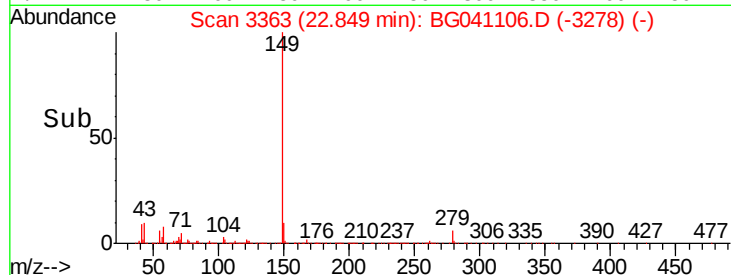
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.763 ng

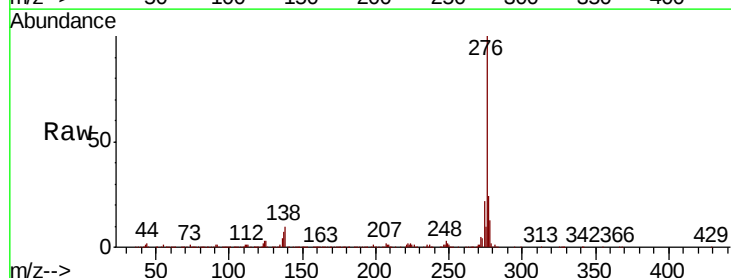
RT: 28.91 min Scan# 4395

Delta R.T. -0.07 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

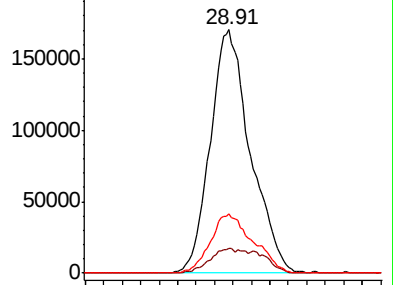
Tgt Ion:	276	Resp:	1028628
Ion	Ratio	Lower	Upper
276	100		
138	6.2	5.7	8.5
277	25.7	20.8	31.2



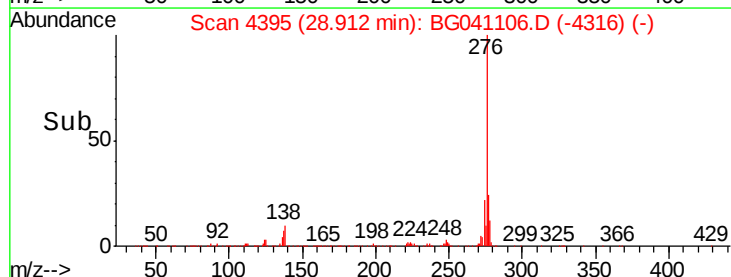
Abundance Ion 276.00 (275.70 to 276.70): E

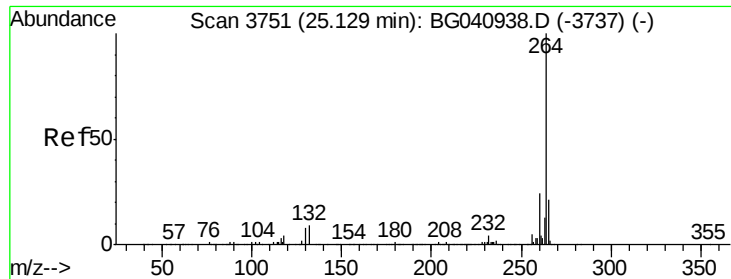
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



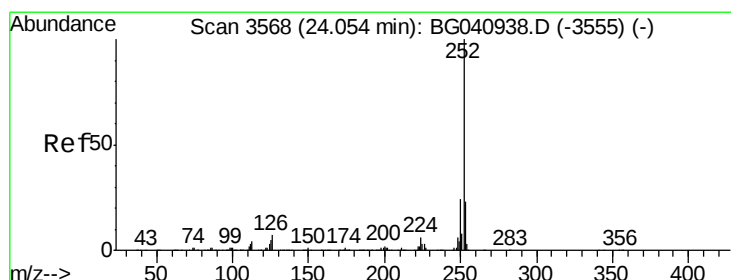
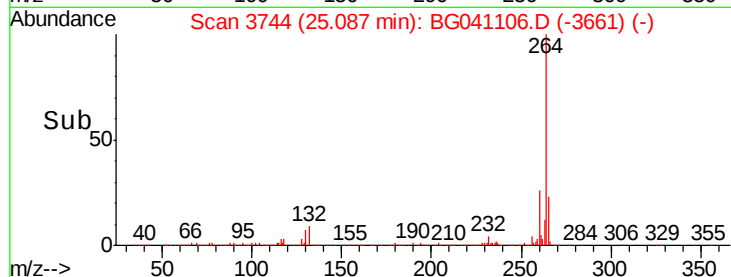
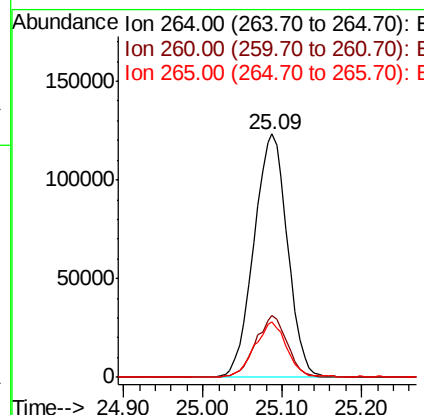
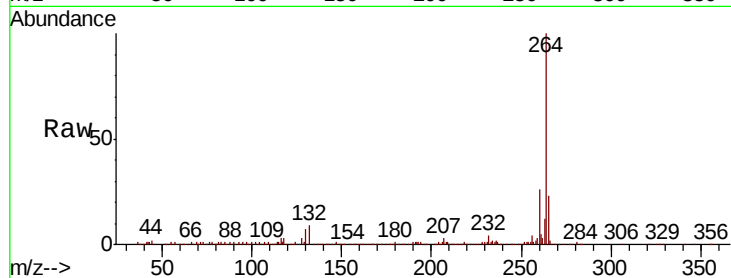


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. -0.04 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Instrument :
BNA_G
ClientSampleId :
S-8CMSD

Tgt Ion: 264 Resp: 362658

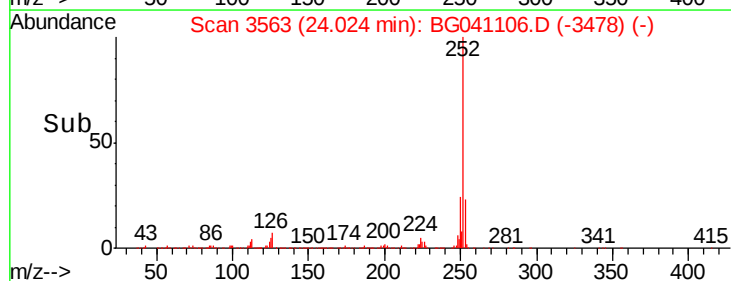
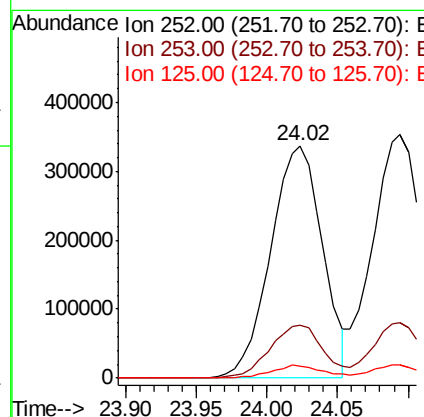
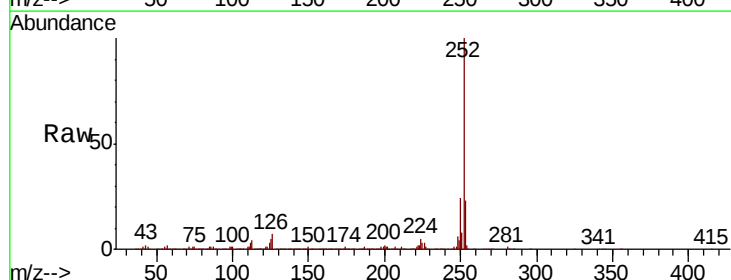
Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.0	28.4
265	22.9	17.0	25.4

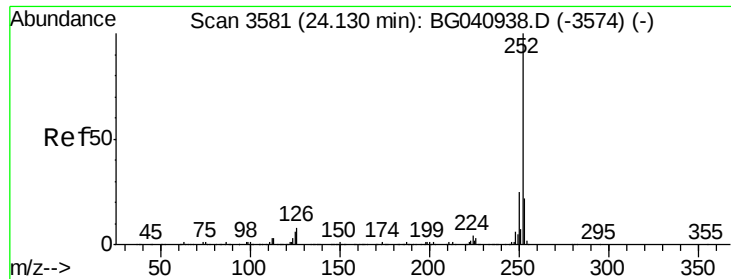


#88
Benzo(b)fluoranthene
Concen: 39.202 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.03 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion: 252 Resp: 862310

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	5.2	4.3	6.5

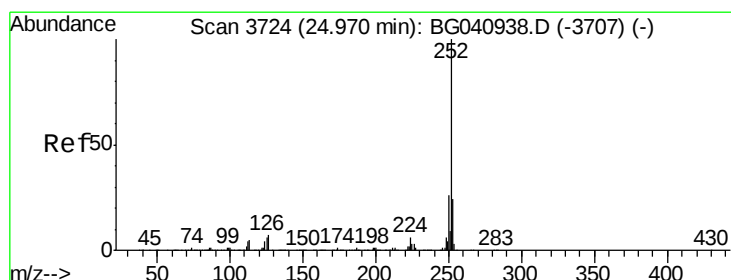
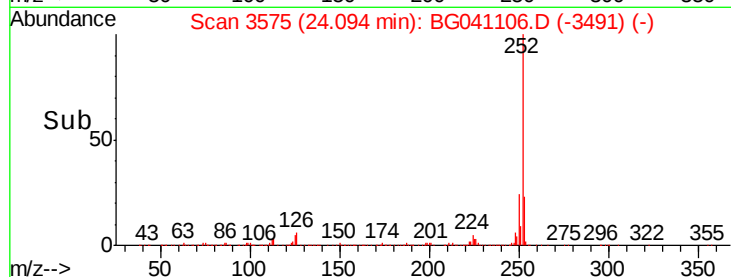
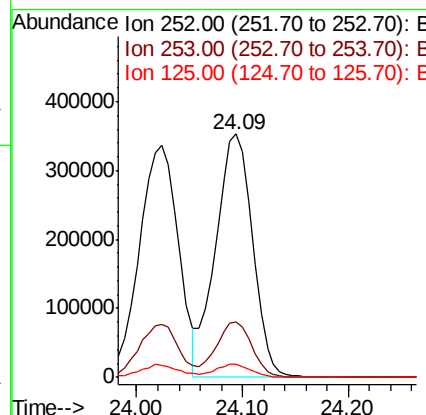
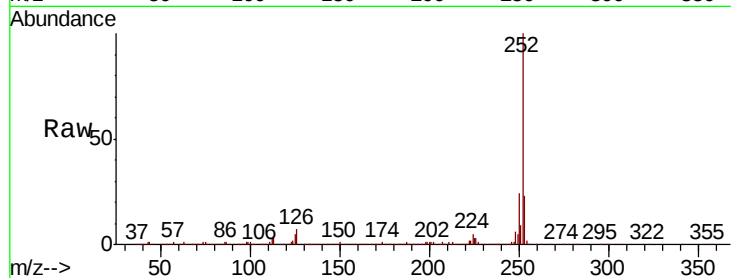




#89
Benzo(k)fluoranthene
Concen: 39.346 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

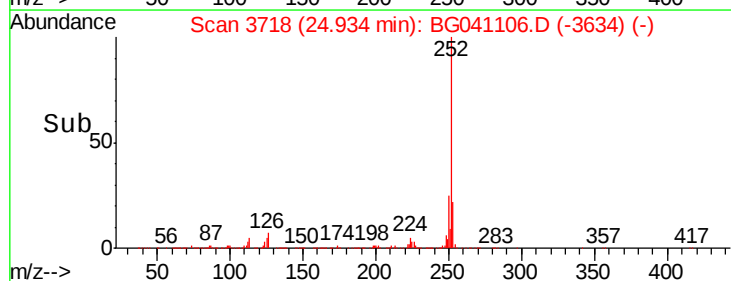
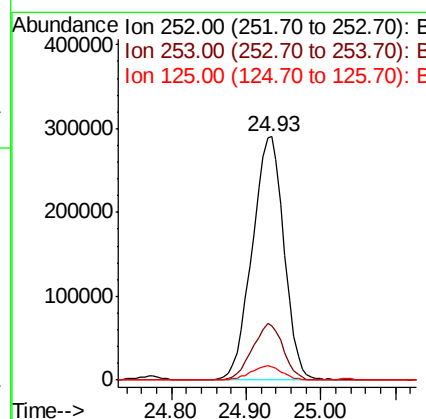
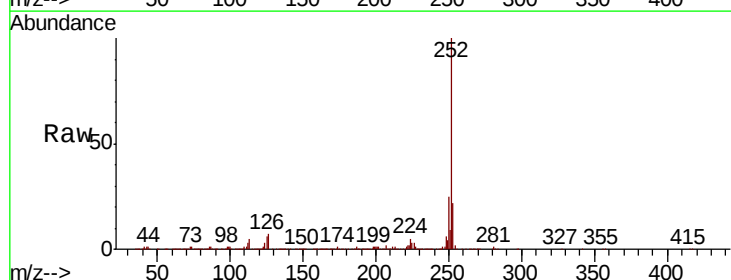
Instrument :
BNA_G
ClientSampleId :
S-8CMSD

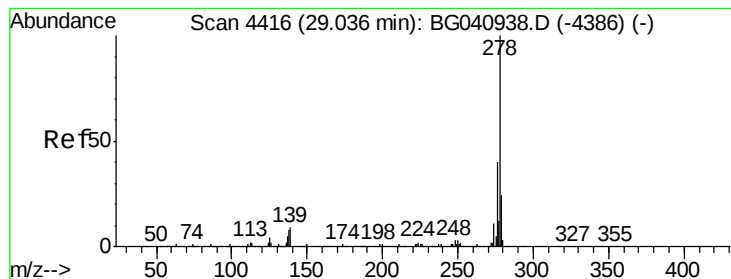
Tgt Ion:252 Resp: 856445
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 5.2 4.7 7.1



#90
Benzo(a)pyrene
Concen: 40.730 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.04 min
Lab File: BG041106.D
Acq: 7 Jun 2019 17:57

Tgt Ion:252 Resp: 854758
Ion Ratio Lower Upper
252 100
253 22.2 19.5 29.3
125 5.5 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 39.769 ng

RT: 28.97 min Scan# 4405

Delta R.T. -0.07 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

Instrument :

BNA_G

ClientSampleId :

S-8CMSD

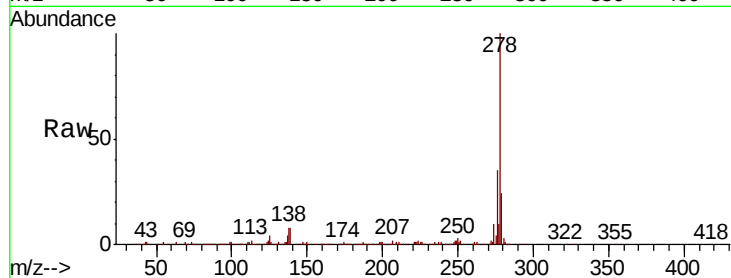
Tgt Ion:278 Resp: 833943

Ion Ratio Lower Upper

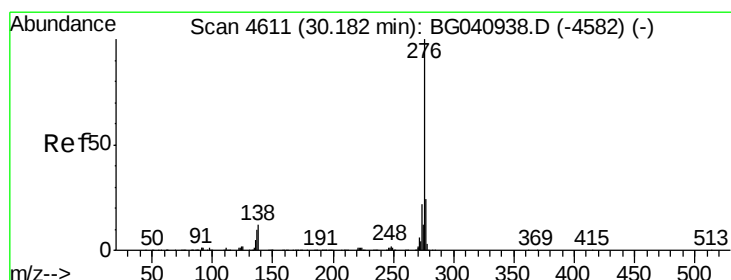
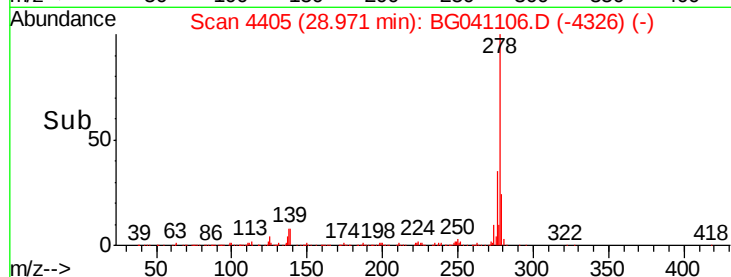
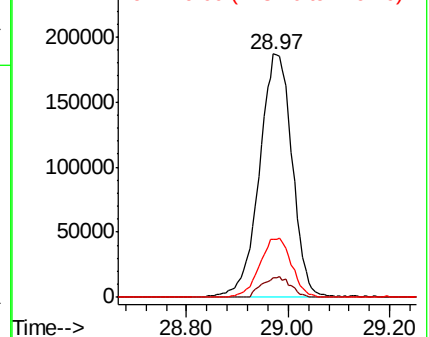
278 100

139 7.9 7.1 10.7

279 23.7 19.4 29.2



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



#92

Benzo(g,h,i)perylene

Concen: 41.831 ng

RT: 30.12 min Scan# 4600

Delta R.T. -0.07 min

Lab File: BG041106.D

Acq: 7 Jun 2019 17:57

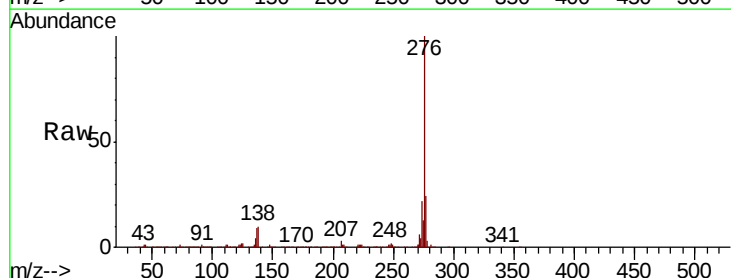
Tgt Ion:276 Resp: 852214

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 10.4 9.7 14.5



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

