

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040613.D
 Acq On : 25 Apr 2019 16:45
 Operator : JU/SJ
 Sample : K2535-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 22:55:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	46451	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	197150	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	154595	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	395612	20.00	ng	0.00
76) Chrysene-d12	21.82	240	384945	20.00	ng	0.00
87) Perylene-d12	25.21	264	420913	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	181364	68.83	ng	0.00
7) Phenol-d6	7.29	99	185369	45.69	ng	0.00
23) Nitrobenzene-d5	9.33	82	401580	94.12	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	281191	132.33	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	859513	80.29	ng	0.00
79) Terphenyl-d14	20.13	244	1637235	94.23	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.55	88	22455	18.737	ng	97
3) Pyridine	3.96	79	48657	14.008	ng	98
4) n-Nitrosodimethylamine	3.88	42	37177	19.296	ng	97
6) Aniline	7.48	93	75675	14.072	ng	96
8) 2-Chlorophenol	7.71	128	117090	36.391	ng	93
9) Benzaldehyde	7.29	77	44047	13.776	ng	91
10) Phenol	7.32	94	68214	15.640	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	140393	42.926	ng	96
12) 1,3-Dichlorobenzene	8.04	146	126018	35.883	ng	100
13) 1,4-Dichlorobenzene	8.19	146	125681	35.302	ng	99
14) 1,2-Dichlorobenzene	8.51	146	124513	36.265	ng	97
15) Benzyl Alcohol	8.39	79	122660	29.055	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	280054	43.009	ng	97
17) 2-Methylphenol	8.58	107	101121	32.762	ng	97
18) Hexachloroethane	9.24	117	48023	32.883	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	156430	42.830	ng	96
20) 3+4-Methylphenols	8.91	107	129116	30.029	ng	97
22) Acetophenone	8.99	105	257066	46.891	ng	# 99
24) Nitrobenzene	9.38	77	215233	47.279	ng	97
25) Isophorone	9.90	82	432631	45.520	ng	99
26) 2-Nitrophenol	10.08	139	76056	46.608	ng	89
27) 2,4-Dimethylphenol	10.13	122	149687	48.889	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	216087	45.316	ng	99
29) 2,4-Dichlorophenol	10.61	162	160715	46.172	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	147547	38.224	ng	97
31) Naphthalene	11.03	128	431821	41.228	ng	98
32) Benzoic acid	10.21	122	38164	18.208	ng	93
33) 4-Chloroaniline	11.14	127	48465	10.436	ng	# 89
34) Hexachlorobutadiene	11.30	225	97072	34.064	ng	98
35) Caprolactam	11.93	113	7513	5.467	ng	92
36) 4-Chloro-3-methylphenol	12.23	107	193350	44.032	ng	99
37) 2-Methylnaphthalene	12.63	142	340414	43.469	ng	99
38) 1-Methylnaphthalene	12.85	142	326616	42.670	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	220809	38.341	ng	98

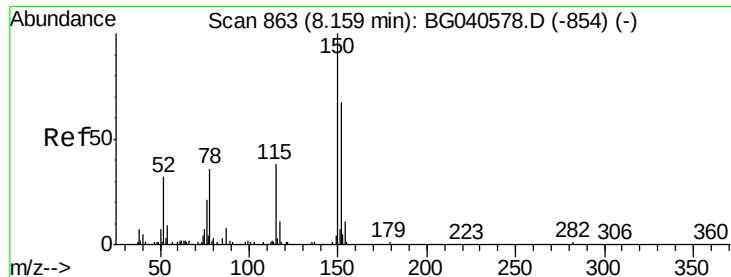
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040613.D
 Acq On : 25 Apr 2019 16:45
 Operator : JU/SJ
 Sample : K2535-02
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	267897	78.832	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	160114	46.007	ng	100
44) 2,4,5-Trichlorophenol	13.29	196	171468	45.228	ng	96
46) 1,1'-Biphenyl	13.62	154	484586	40.372	ng	97
47) 2-Chloronaphthalene	13.67	162	378509	40.295	ng	99
48) 2-Nitroaniline	13.87	65	175239	52.409	ng	94
49) Acenaphthylene	14.51	152	641987	40.283	ng	99
50) Dimethylphthalate	14.24	163	571713	44.200	ng	100
51) 2,6-Dinitrotoluene	14.36	165	120620	47.781	ng	90
52) Acenaphthene	14.85	154	389873	42.007	ng	94
53) 3-Nitroaniline	14.69	138	29453	11.387	ng	98
54) 2,4-Dinitrophenol	14.90	184	121827	85.079	ng	# 79
55) Dibenzofuran	15.18	168	651921	42.885	ng	98
56) 4-Nitrophenol	14.97	139	77308	34.469	ng	95
57) 2,4-Dinitrotoluene	15.14	165	175599	51.190	ng	# 94
58) Fluorene	15.83	166	529050	43.058	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	182062	47.711	ng	98
60) Diethylphthalate	15.59	149	610151	44.709	ng	100
61) 4-Chlorophenyl-phenylether	15.82	204	313680	43.895	ng	95
62) 4-Nitroaniline	15.86	138	122820	42.448	ng	97
63) Azobenzene	16.11	77	626951	44.608	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	88748	45.894	ng	97
66) n-Nitrosodiphenylamine	16.04	169	494898	42.519	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	209959	42.599	ng	96
68) Hexachlorobenzene	16.82	284	213768	41.945	ng	97
69) Atrazine	16.98	200	214282	46.467	ng	99
70) Pentachlorophenol	17.17	266	266319	89.302	ng	98
71) Phenanthrene	17.58	178	925638	43.439	ng	98
72) Anthracene	17.67	178	958584	44.754	ng	99
73) Carbazole	17.93	167	857719	43.954	ng	99
74) Di-n-butylphthalate	18.47	149	1043386	44.299	ng	99
75) Fluoranthene	19.58	202	1186395	44.678	ng	99
77) Benzidine	19.76	184	264160	25.063	ng	99
78) Pyrene	19.94	202	1191739	49.395	ng	99
80) Butylbenzylphthalate	20.81	149	474302	50.439	ng	99
81) Benzo(a)anthracene	21.81	228	1143160	46.988	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	154578	17.826	ng	97
83) Chrysene	21.88	228	1117793	48.311	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	660640	48.670	ng	97
85) Di-n-octyl phthalate	22.96	149	1141926	49.952	ng	98
86) Indeno(1,2,3-cd)pyrene	29.11	276	1380970	49.366	ng	# 92
88) Benzo(b)fluoranthene	24.12	252	1180416	45.892	ng	99
89) Benzo(k)fluoranthene	24.20	252	1126943	46.914	ng	99
90) Benzo(a)pyrene	25.05	252	1143870	46.981	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	1129878	45.858	ng	97
92) Benzo(g,h,i)perylene	30.34	276	1123925	45.834	ng	99

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

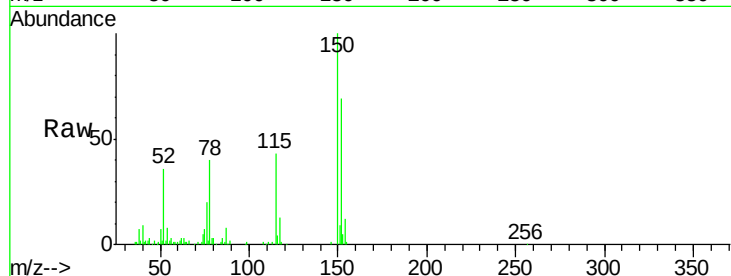


#1

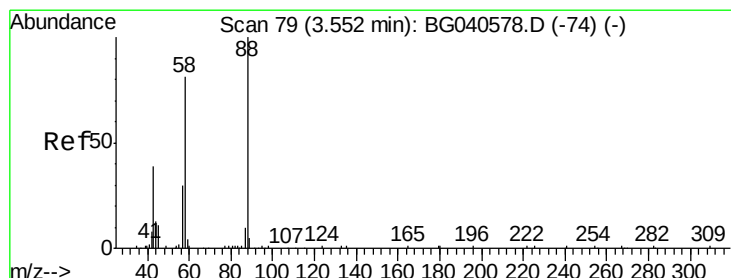
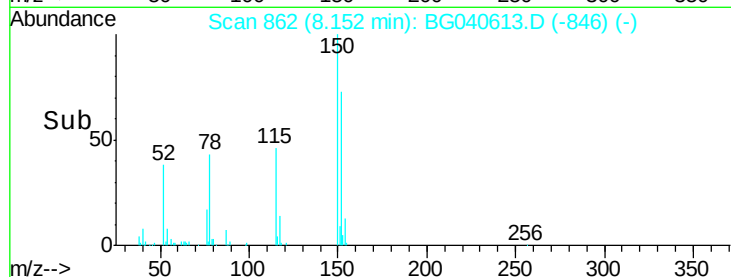
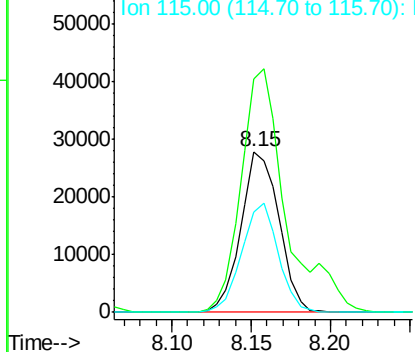
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	120.2	180.2
115	62.8	46.2	69.2



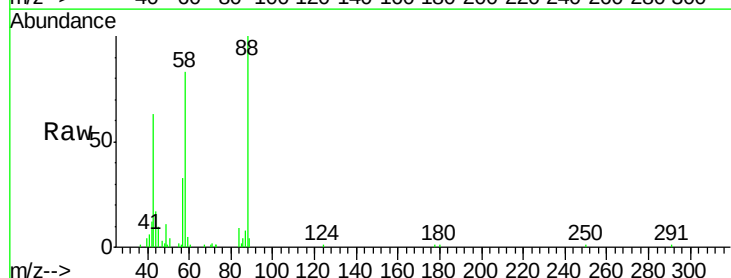
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



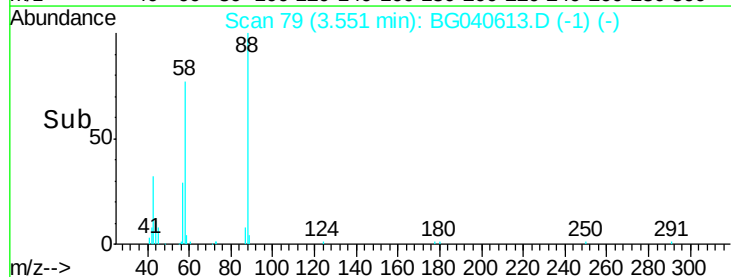
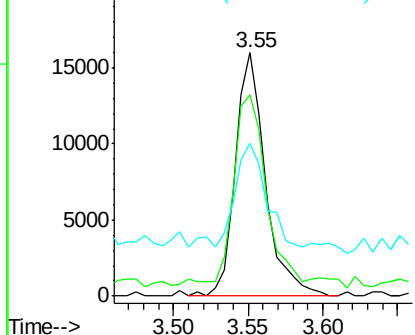
#2

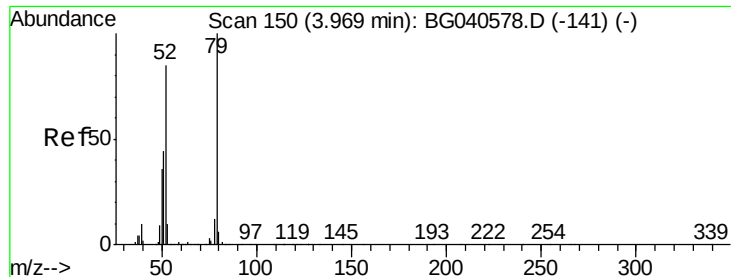
1,4-Dioxane
Concen: 18.737 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	71.2	106.8
43	42.7	35.6	53.4



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





#3

Pvridine

Concen: 14.008 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

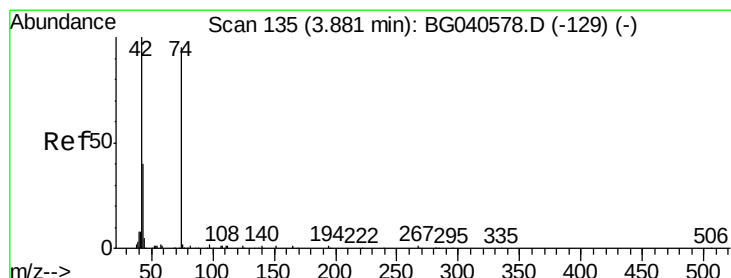
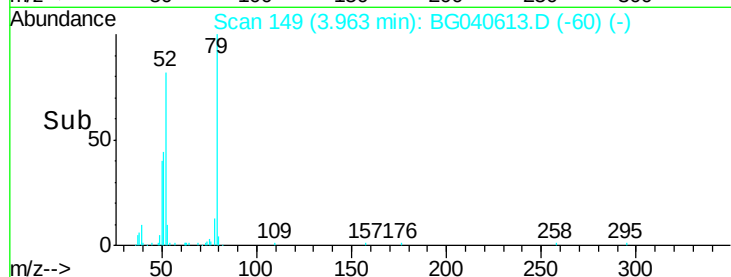
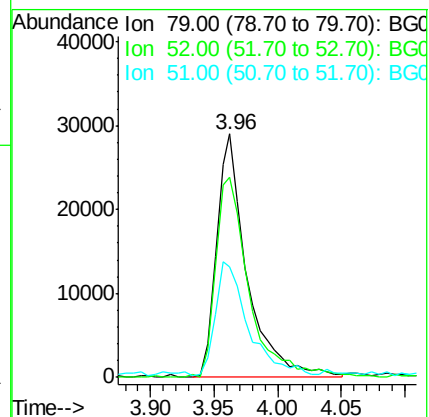
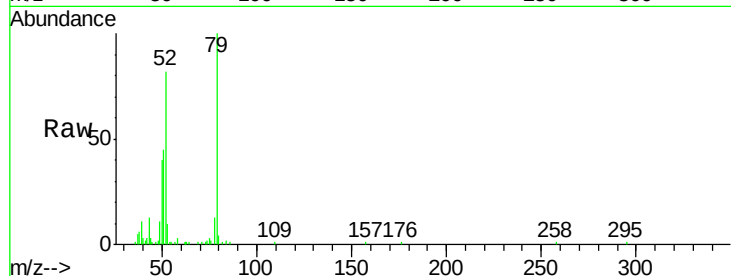
Tot Ion: 79 Resp: 48657

Ion Ratio Lower Upper

79 100

52 82.0 67.5 101.3

51 45.5 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 19.296 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

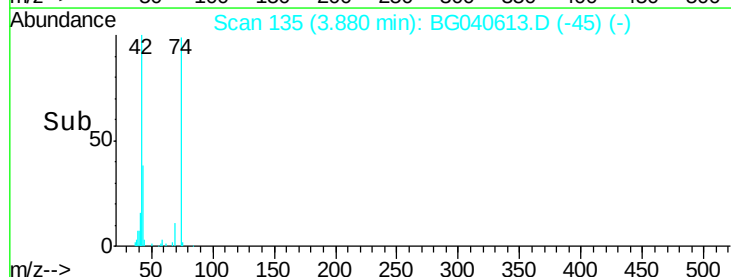
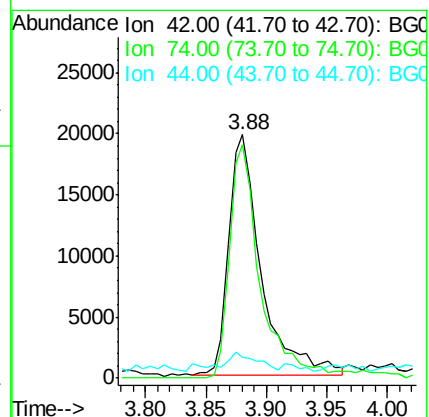
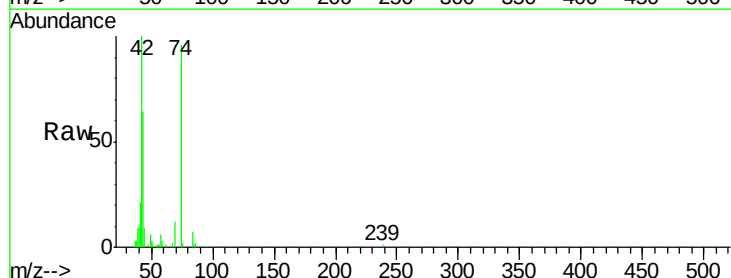
Tgt Ion: 42 Resp: 37177

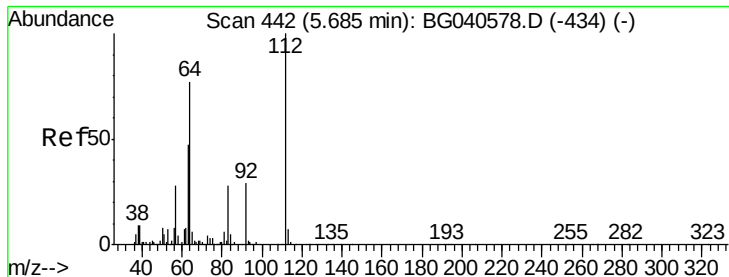
Ion Ratio Lower Upper

42 100

74 95.9 74.6 111.8

44 8.7 7.4 11.0





#5

2-Fluorophenol

Concen: 68.826 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

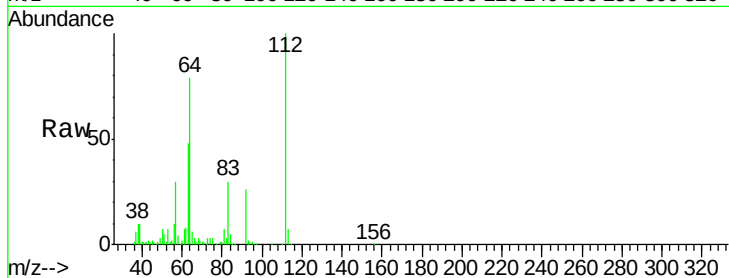
Tot Ion:112 Resp: 181364

Ion Ratio Lower Upper

112 100

64 78.6 61.4 92.0

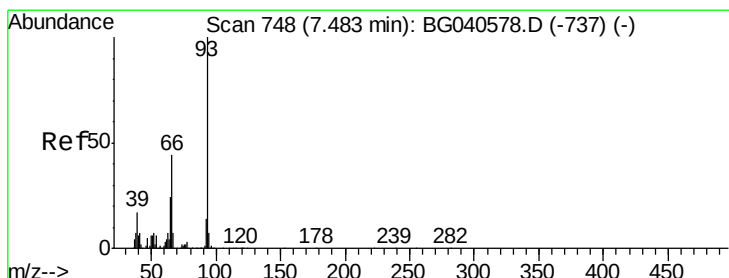
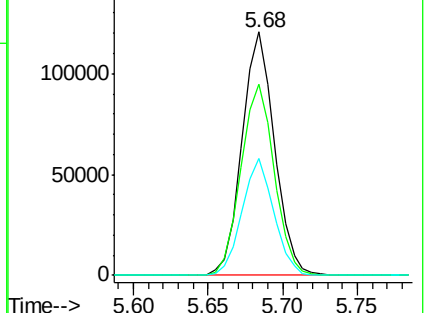
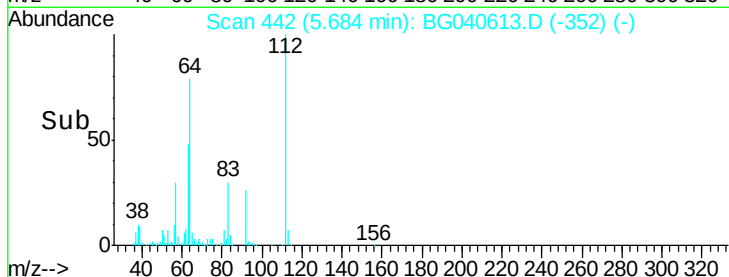
63 47.9 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.072 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

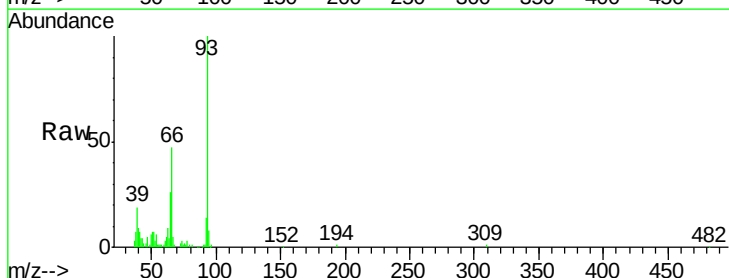
Tgt Ion: 93 Resp: 75675

Ion Ratio Lower Upper

93 100

66 47.1 35.5 53.3

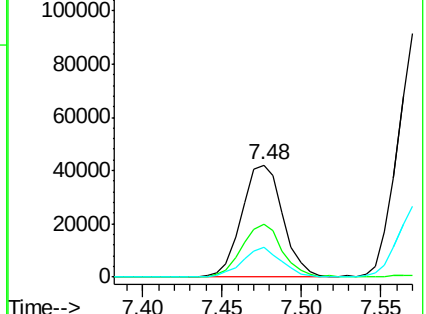
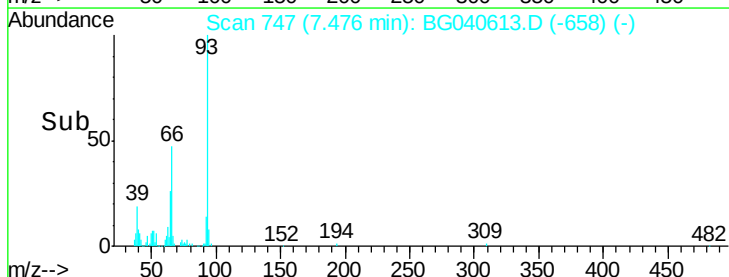
65 26.4 19.2 28.8

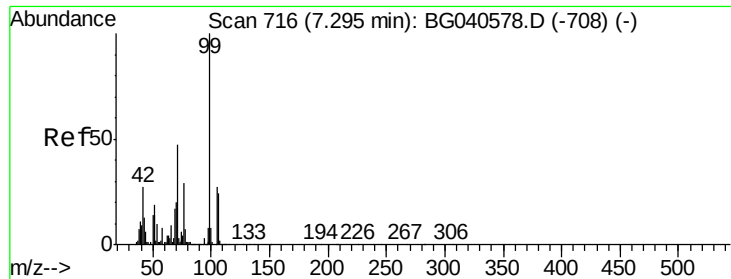


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 45.687 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampled :

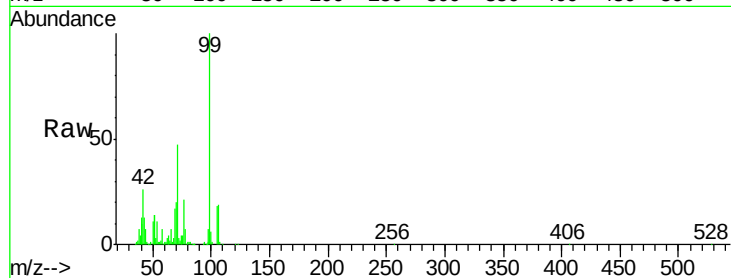
Tot Ion: 99 Resp: 185369

Ion Ratio Lower Upper

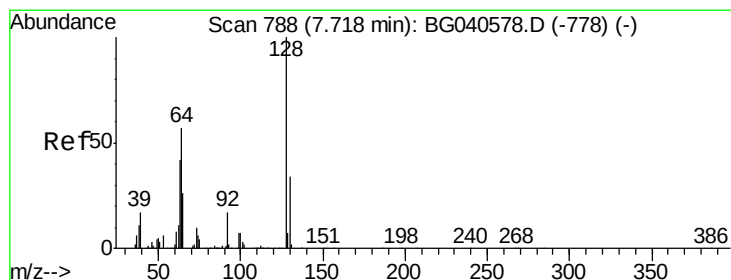
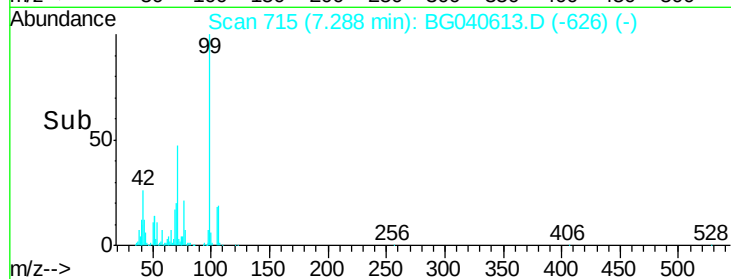
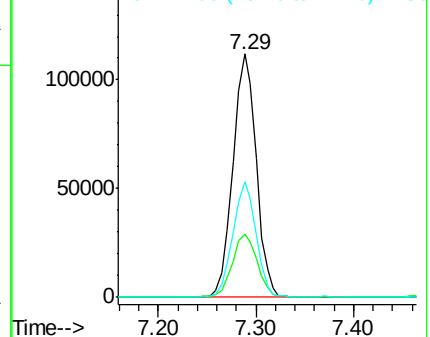
99 100

42 26.0 21.8 32.8

71 47.4 38.6 57.8



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



#8

2-Chlorophenol

Concen: 36.391 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

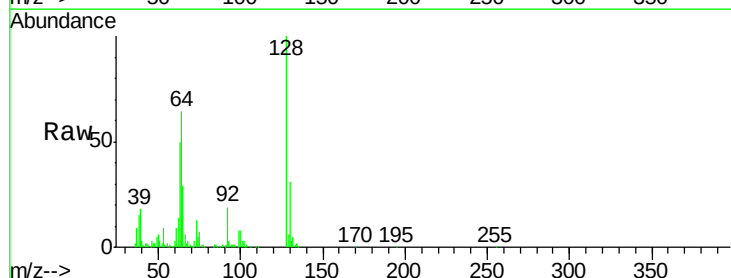
Tgt Ion: 128 Resp: 117090

Ion Ratio Lower Upper

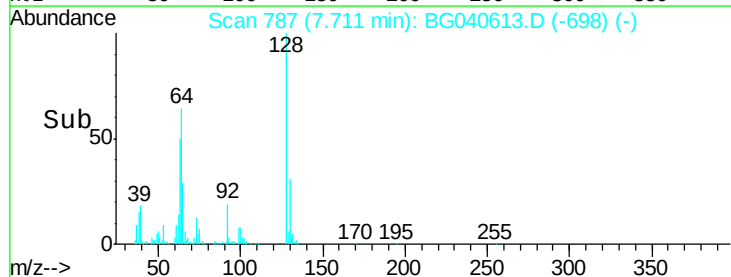
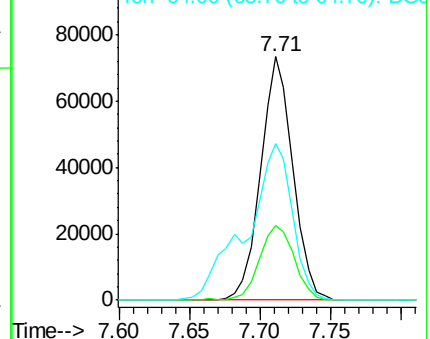
128 100

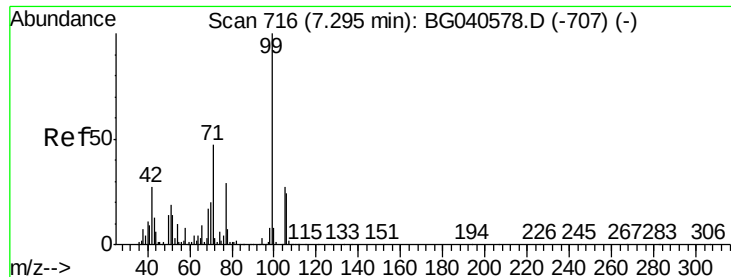
130 30.5 14.5 54.5

64 64.1 38.4 78.4



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





#9

Benzaldehyde

Concen: 13.776 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

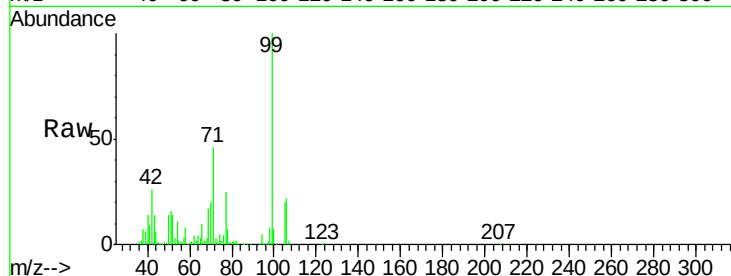
Tot Ion: 77 Resp: 44047

Ion Ratio Lower Upper

77 100

105 80.6 72.0 112.0

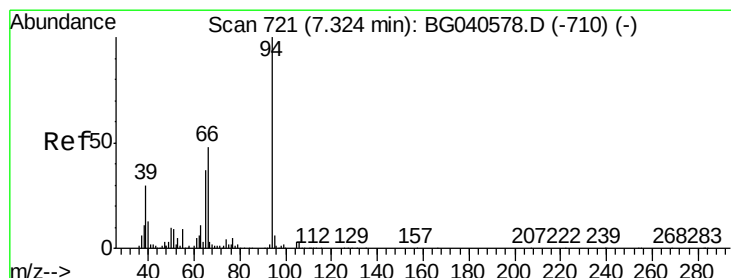
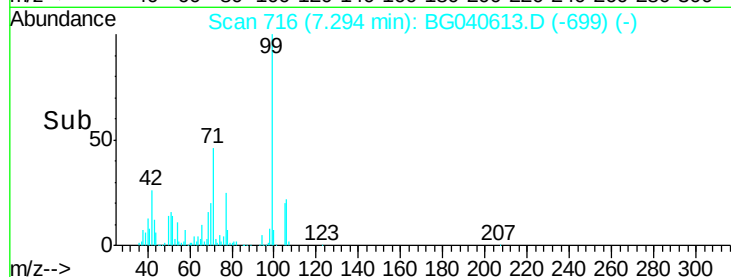
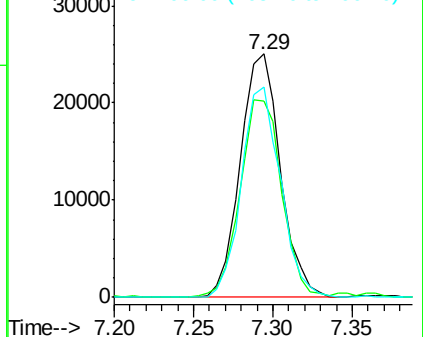
106 86.2 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 15.640 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

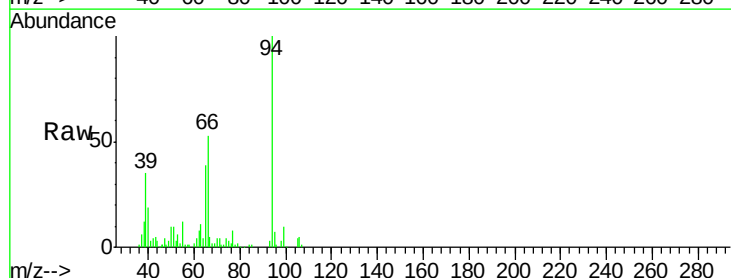
Tgt Ion: 94 Resp: 68214

Ion Ratio Lower Upper

94 100

65 38.8 17.0 57.0

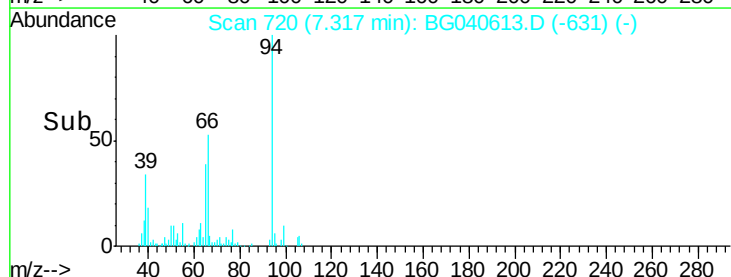
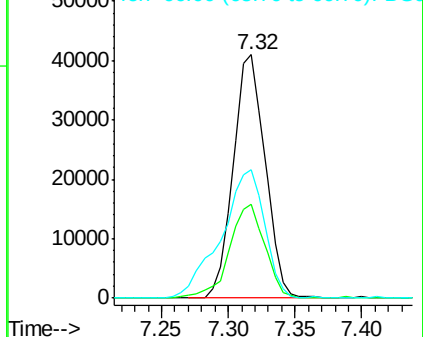
66 52.5 28.6 68.6

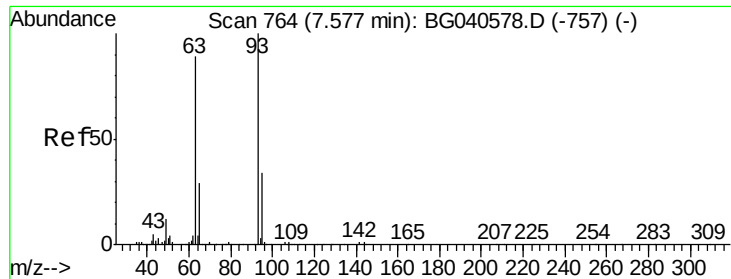


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

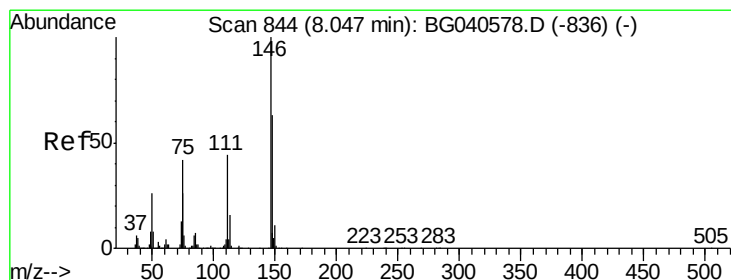
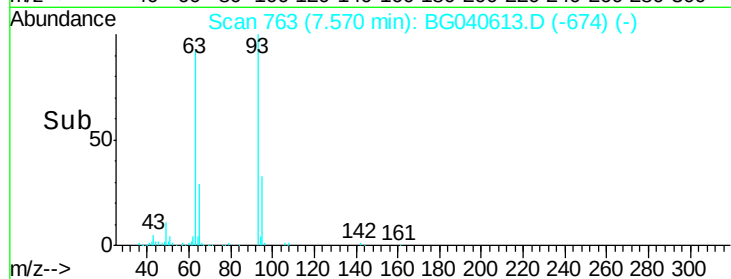
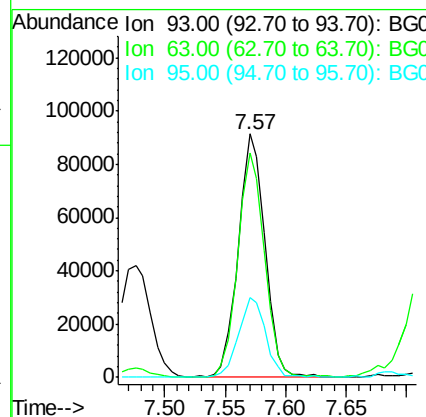
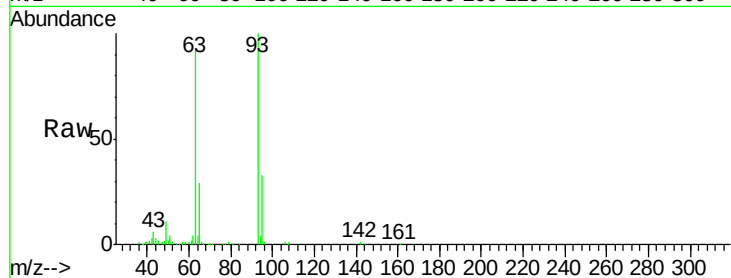




#11
 bis(2-Chloroethyl)ether
 Concen: 42.926 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

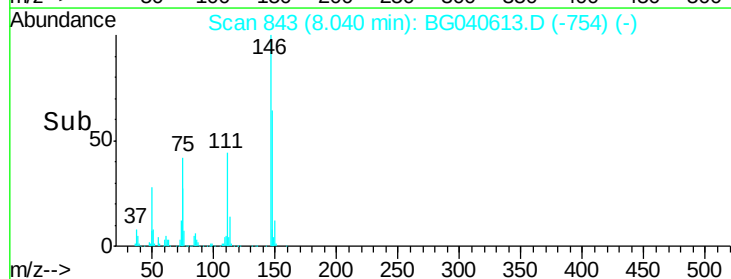
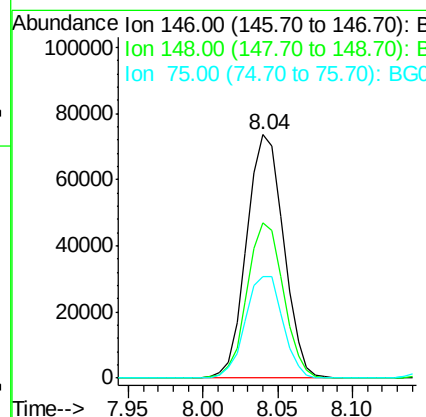
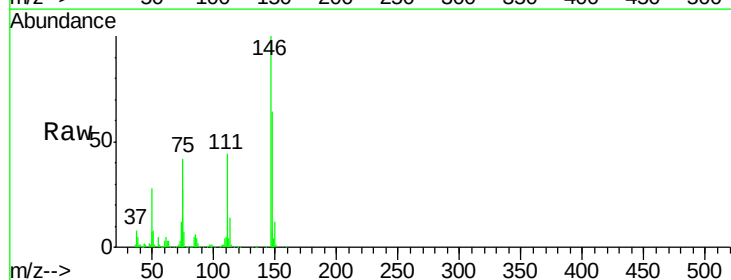
Instrument :
 BNA_G
 ClientSampleId :

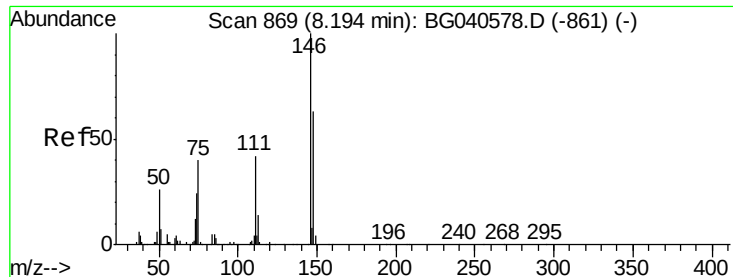
Tot Ion	Ratio	Lower	Upper
93	100		
63	92.1	68.2	108.2
95	32.8	14.3	54.3



#12
 1,3-Dichlorobenzene
 Concen: 35.883 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.7	76.1
75	41.7	33.4	50.2

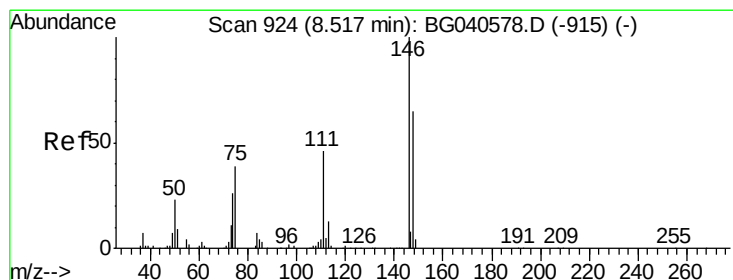
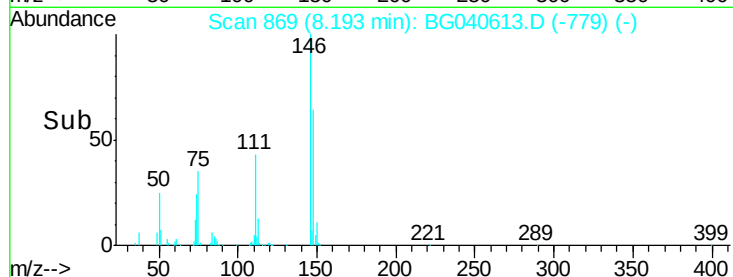
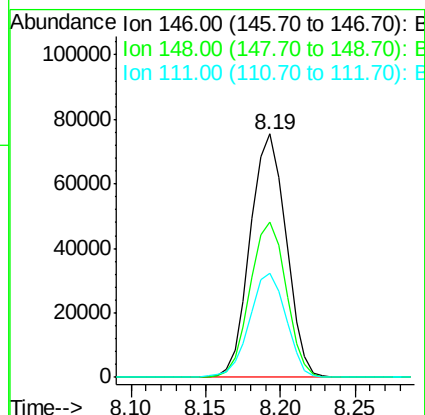
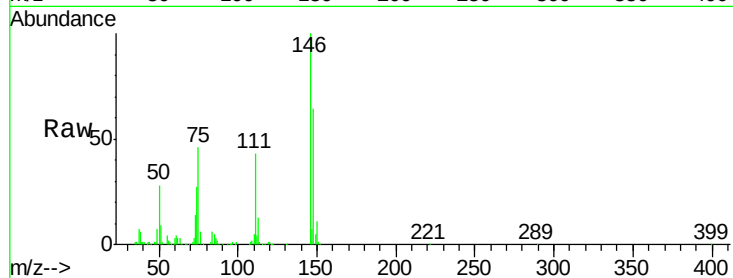




#13
 1,4-Dichlorobenzene
 Concen: 35.302 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

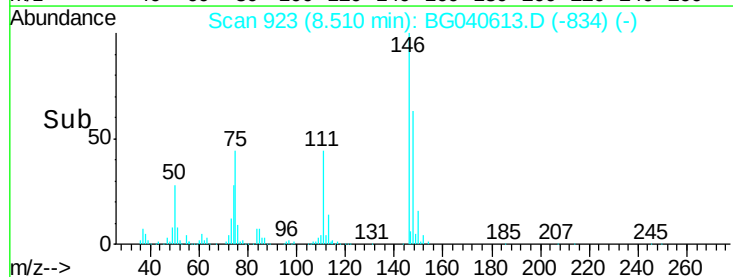
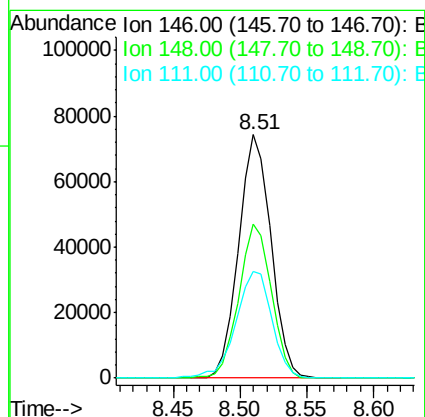
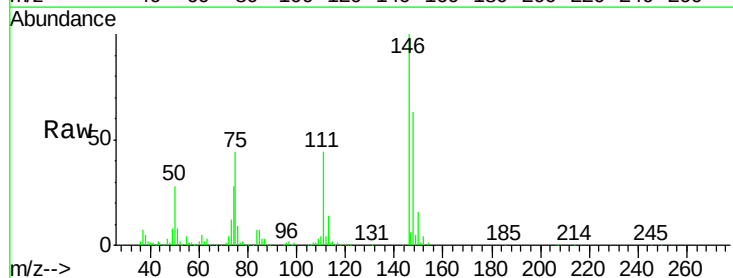
Instrument :
 BNA_G
 ClientSampleId :

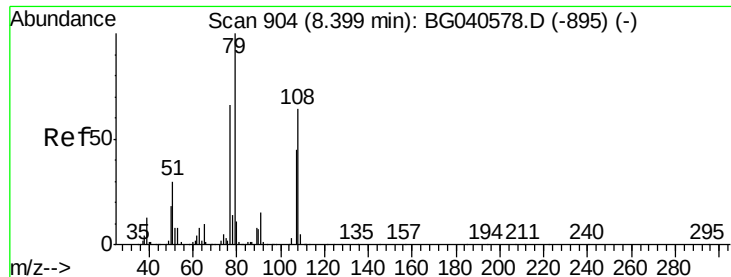
Tot Ion:146 Resp: 125681
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 42.7 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 36.265 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion:146 Resp: 124513
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.4
 111 44.0 37.4 56.0





#15

Benzyl Alcohol

Concen: 29.055 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampled :

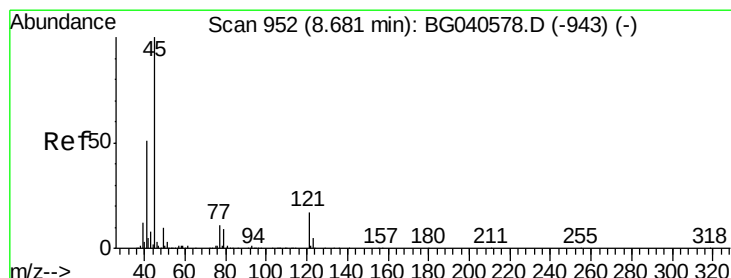
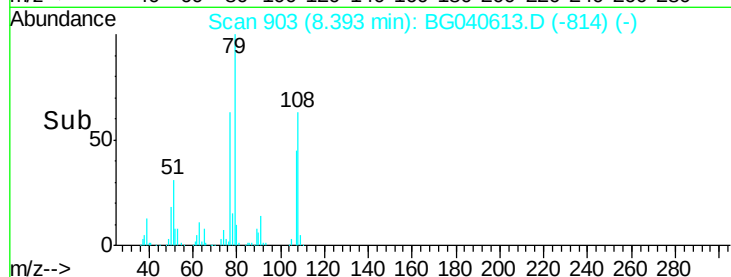
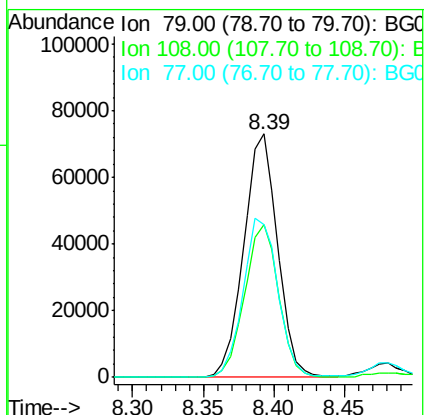
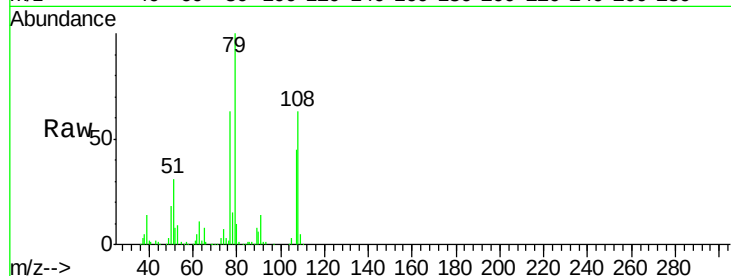
Tot Ion: 79 Resp: 122660

Ion Ratio Lower Upper

79 100

108 62.6 51.4 77.0

77 62.8 52.6 79.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.009 ng

RT: 8.67 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

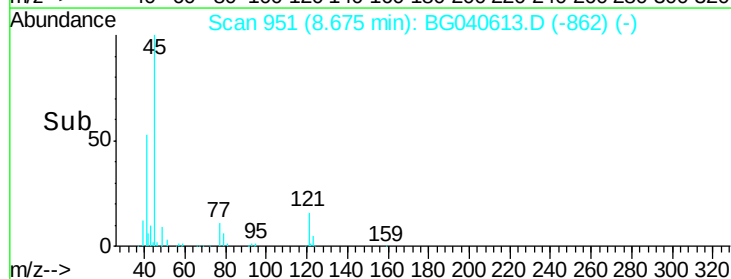
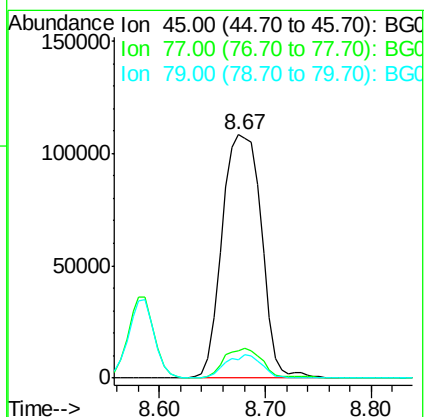
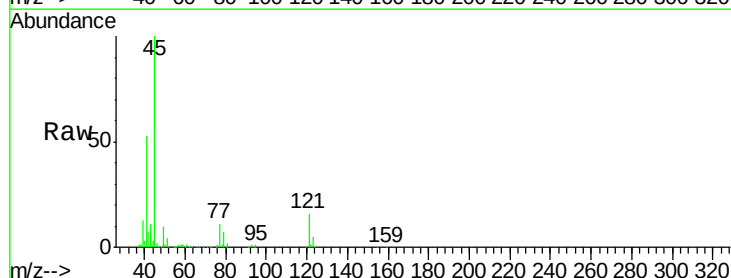
Tgt Ion: 45 Resp: 280054

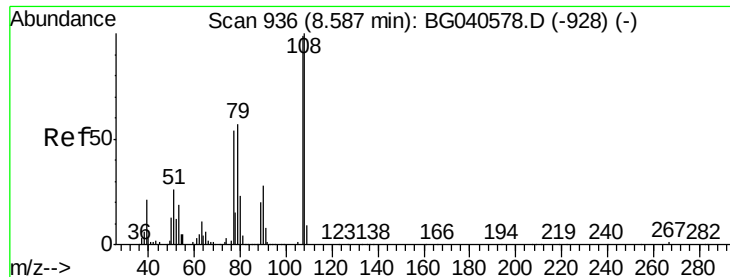
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.5

79 7.5 0.0 29.4





#17

2-Methylphenol

Concen: 32.762 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 101121

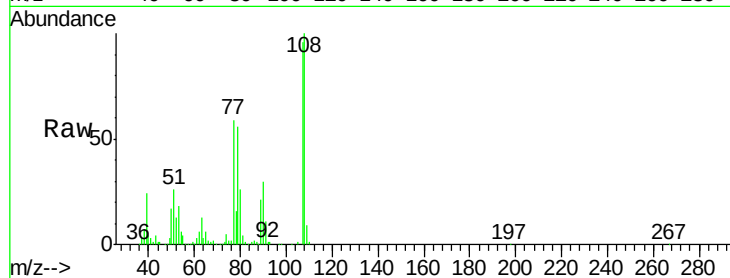
Ion Ratio Lower Upper

107 100

108 103.7 81.2 121.8

77 61.0 44.4 66.6

79 58.0 47.0 70.4

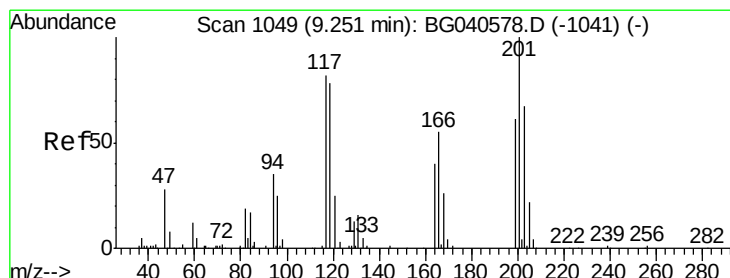
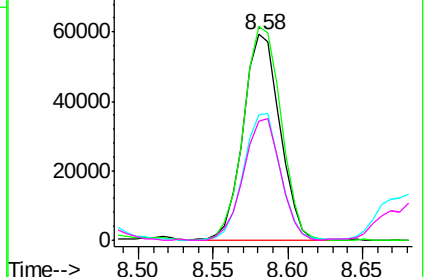
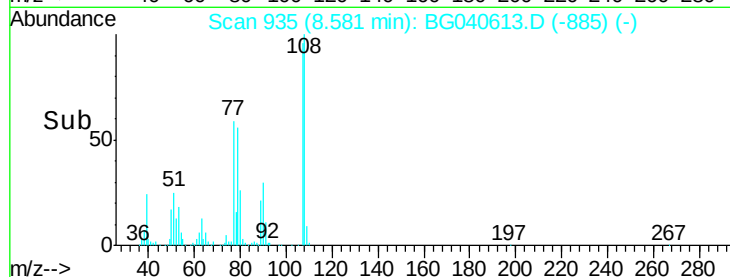


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.883 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

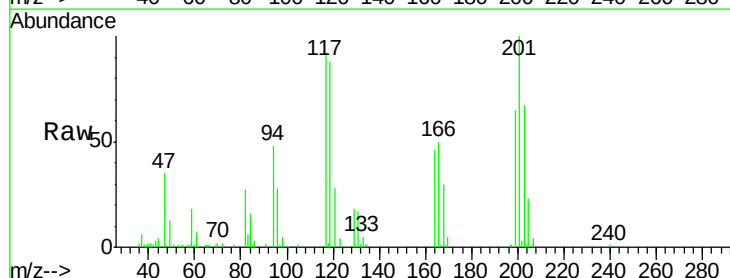
Tgt Ion:117 Resp: 48023

Ion Ratio Lower Upper

117 100

119 95.7 76.6 114.8

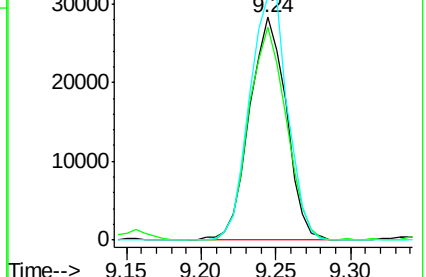
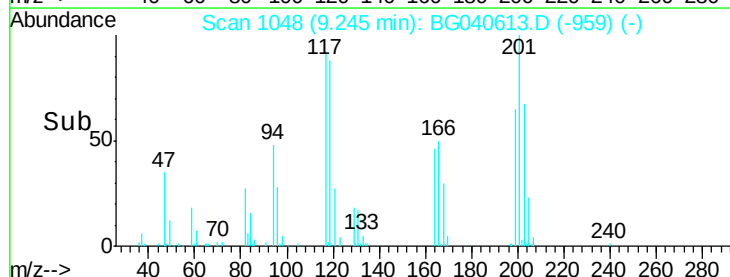
201 109.2 101.0 151.6

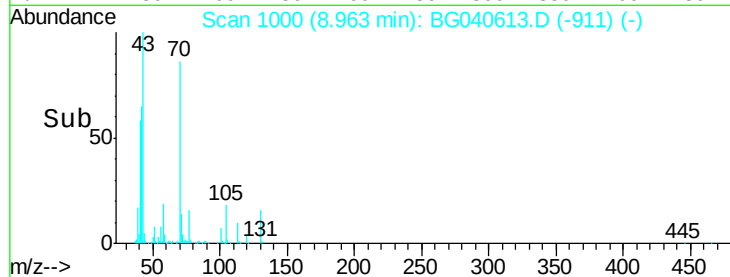
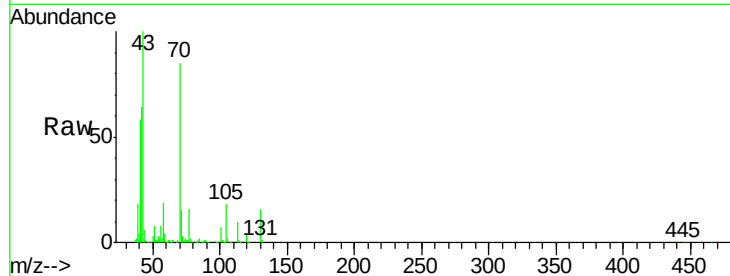
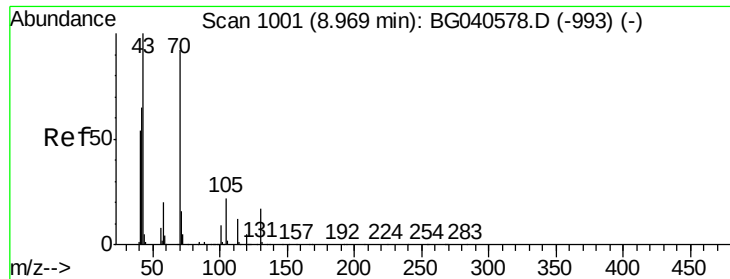


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

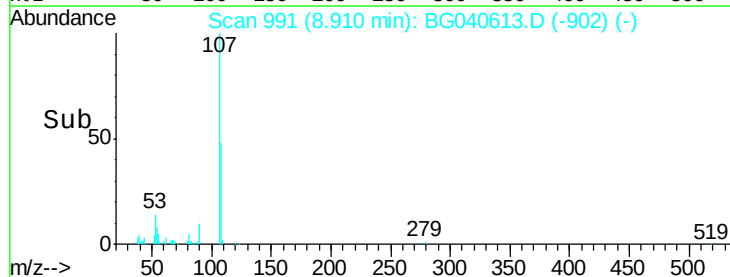
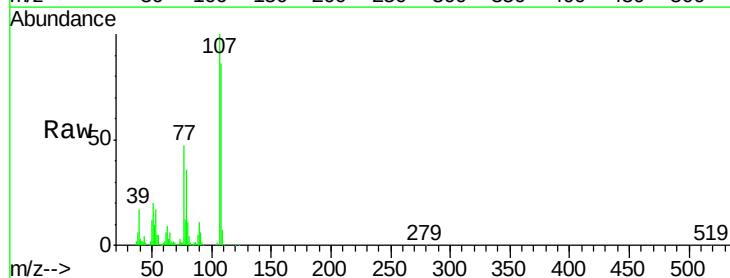
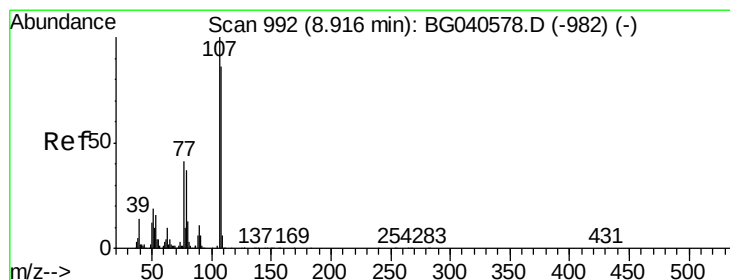
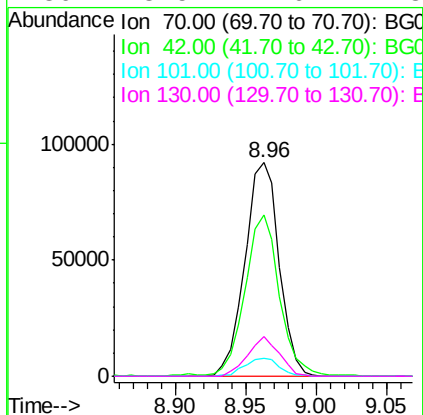




#19
n-Nitroso-di-n-propylamine
Concen: 42.830 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

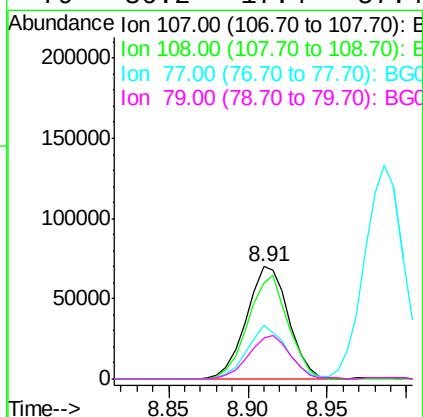
Instrument :
BNA_G
ClientSampleId :

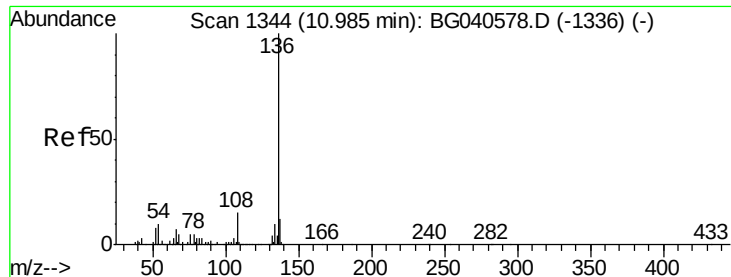
Tot Ion:	70	Resp:	156430
Ion	Ratio	Lower	Upper
70	100		
42	75.5	57.1	85.7
101	8.5	7.8	11.8
130	18.5	14.6	21.8



#20
3+4-Methylphenols
Concen: 30.029 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion:	107	Resp:	129116
Ion	Ratio	Lower	Upper
107	100		
108	85.9	66.1	106.1
77	47.4	21.6	61.6
79	36.2	17.4	57.4

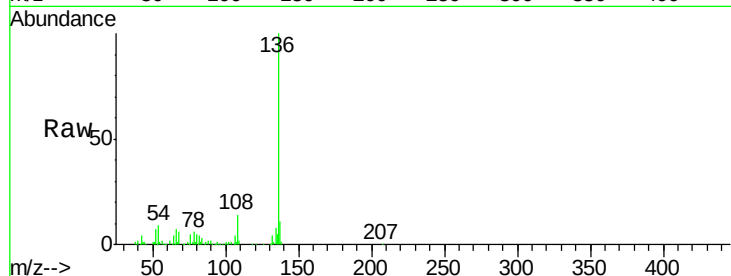




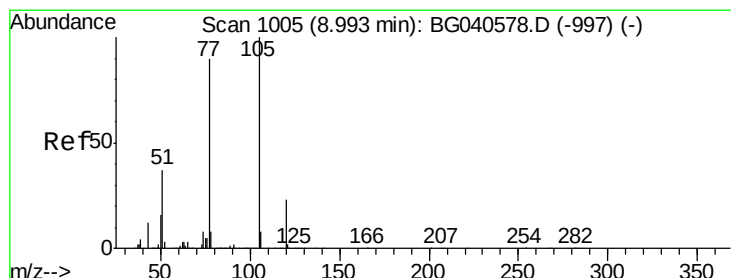
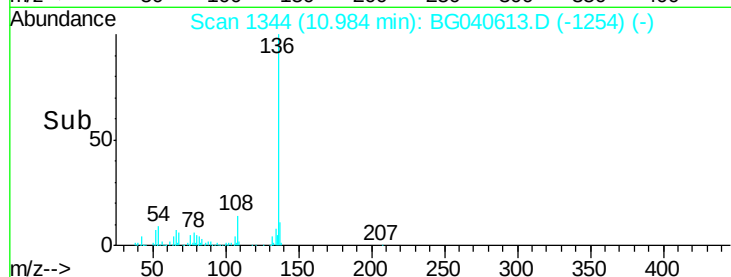
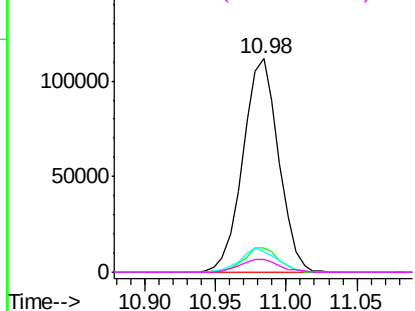
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	197150
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.7	14.5
54 9.3	8.6	12.8
68 6.2	4.8	7.2

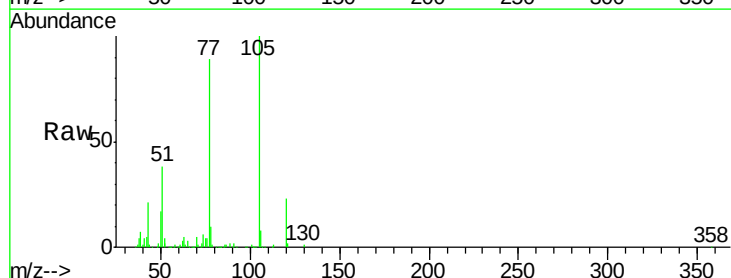


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

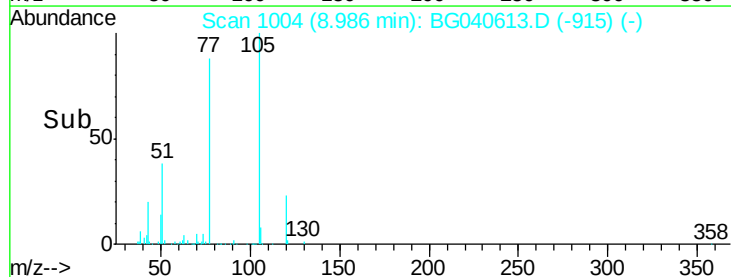
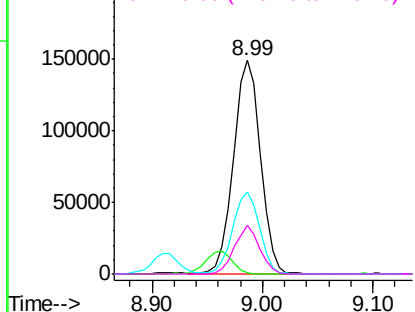


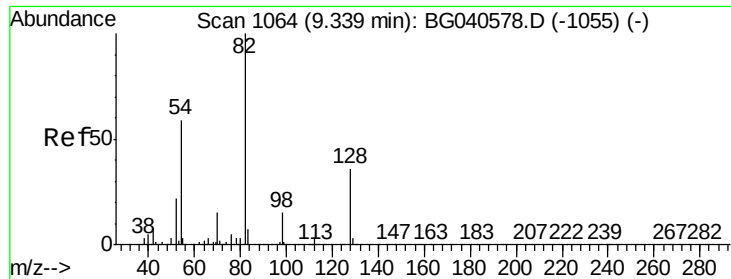
#22
Acetophenone
Concen: 46.891 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt	Ion:105	Resp:	257066
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.8	2.8#
51	38.5	29.8	44.8
120	22.9	18.4	27.6



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

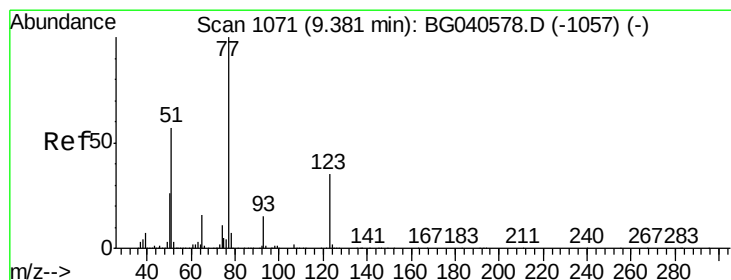
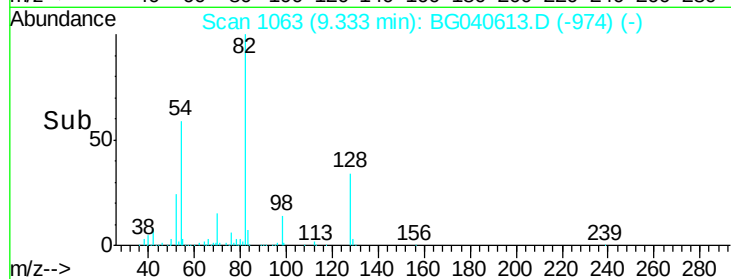
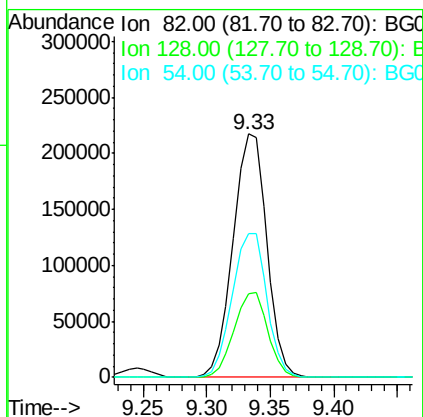
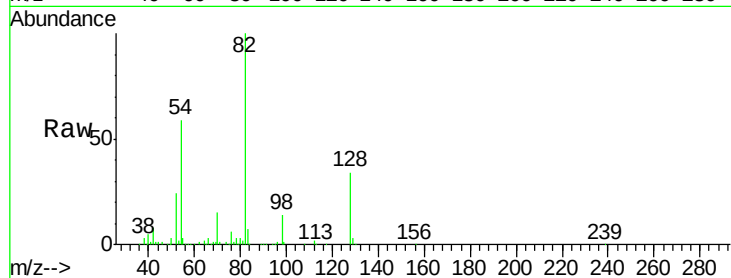




#23
Nitrobenzene-d5
Concen: 94.119 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

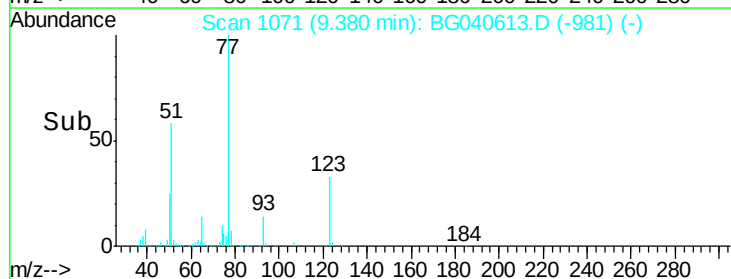
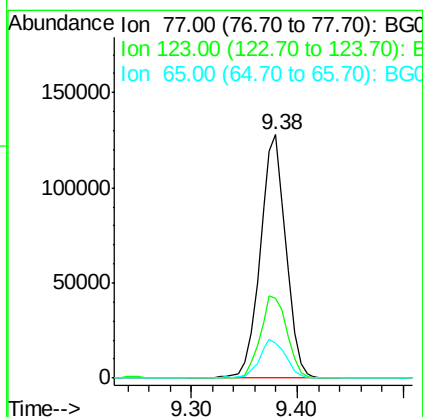
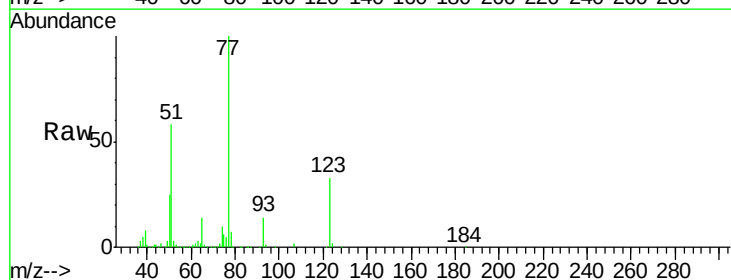
Instrument :
BNA_G
ClientSampleId :

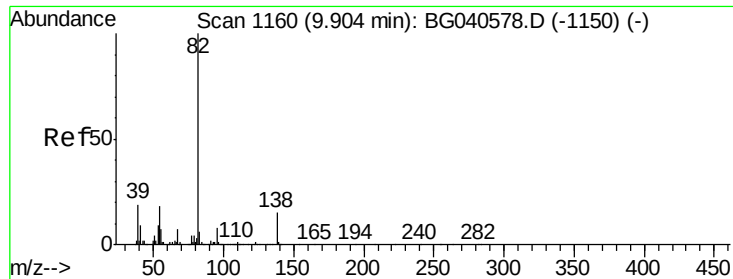
Tot Ion	82	Resp	401580
Ion Ratio	100	Lower	Upper
128	34.2	28.9	43.3
54	59.2	47.2	70.8



#24
Nitrobenzene
Concen: 47.279 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	77	Resp	215233
Ion Ratio	100	Lower	Upper
123	32.9	27.8	41.6
65	14.5	12.4	18.6





#25

Isophorone

Concen: 45.520 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

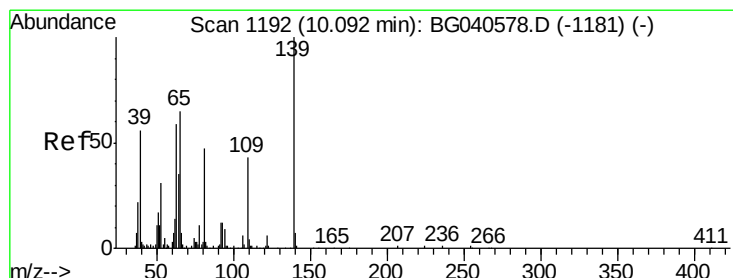
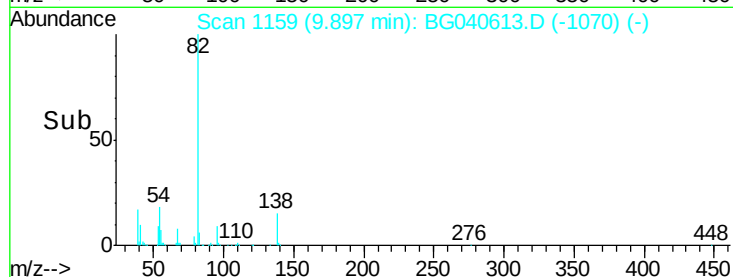
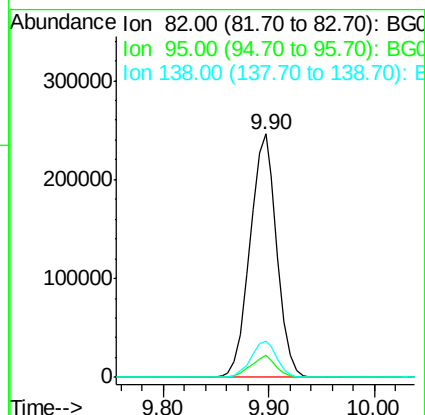
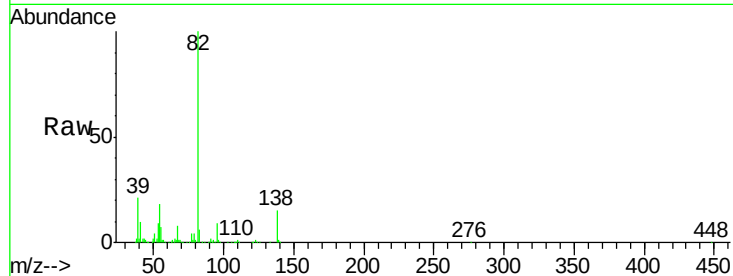
Tot Ion: 82 Resp: 432631

Ion Ratio Lower Upper

82 100

95 8.8 6.9 10.3

138 14.9 12.3 18.5



#26

2-Nitrophenol

Concen: 46.608 ng

RT: 10.08 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

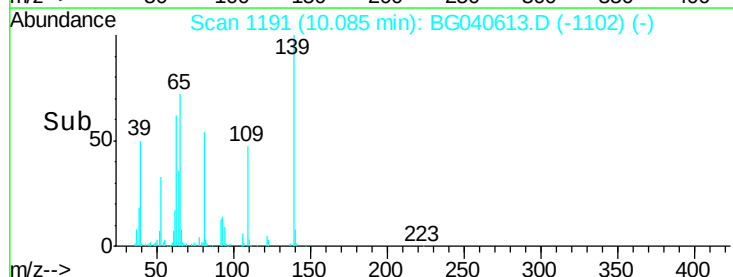
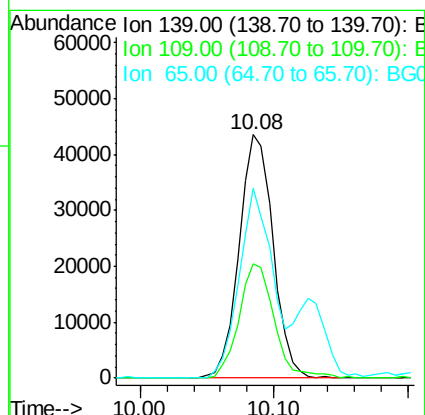
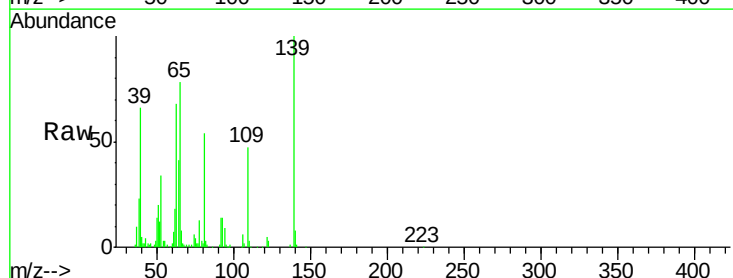
Tgt Ion: 139 Resp: 76056

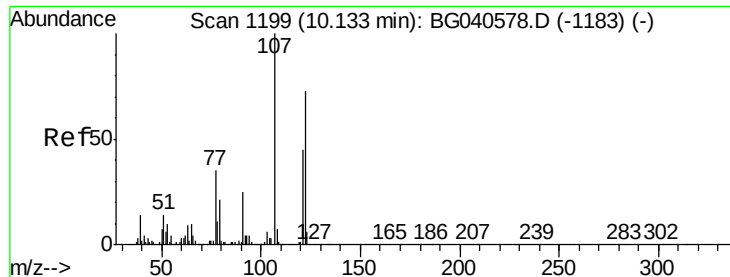
Ion Ratio Lower Upper

139 100

109 47.1 35.6 53.4

65 78.2 52.3 78.5

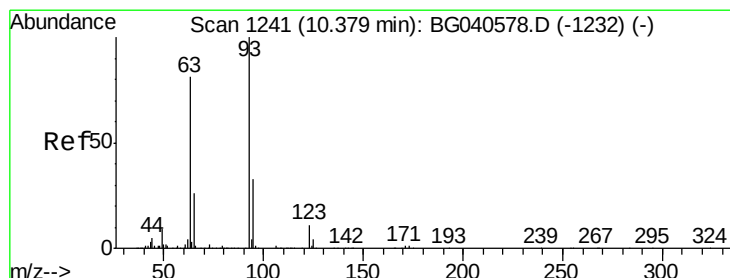
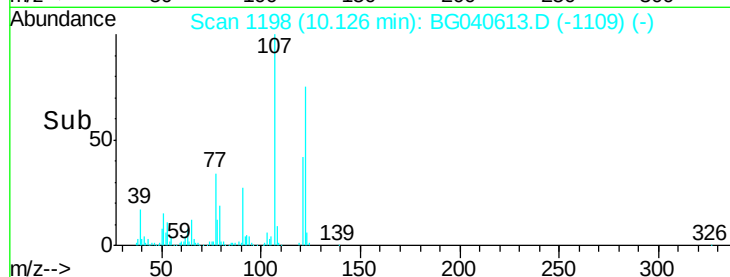
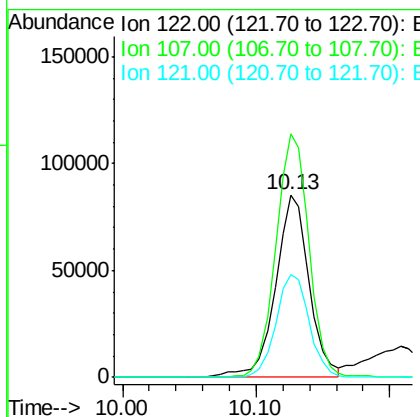
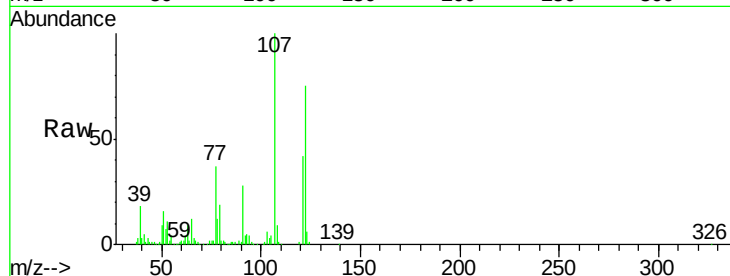




#27
 2,4-Dimethylphenol
 Concen: 48.889 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

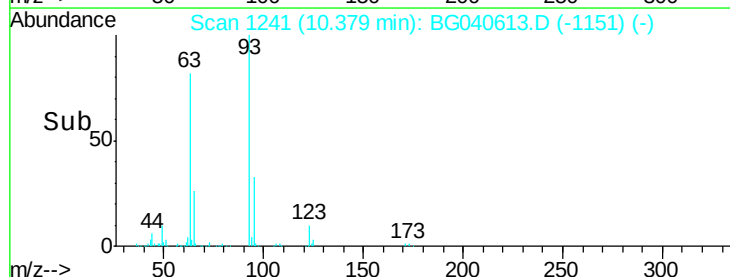
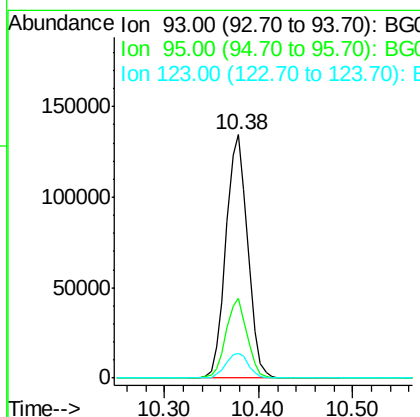
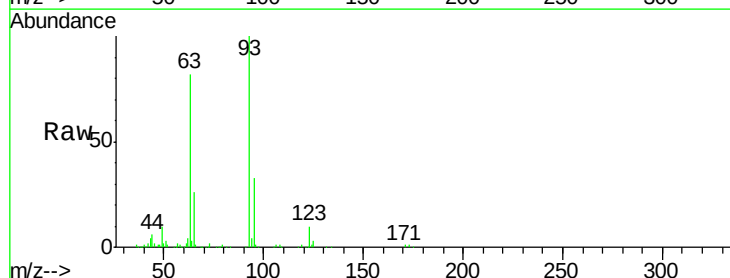
Instrument :
 BNA_G
 ClientSampled :

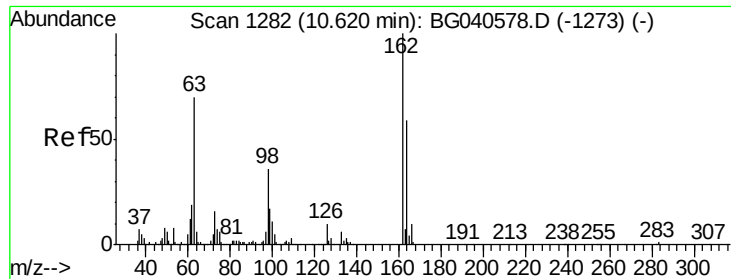
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.6	110.1	165.1
121	56.6	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.316 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	10.0	9.0	13.4

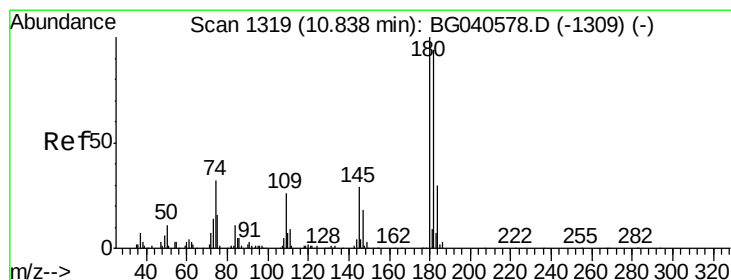
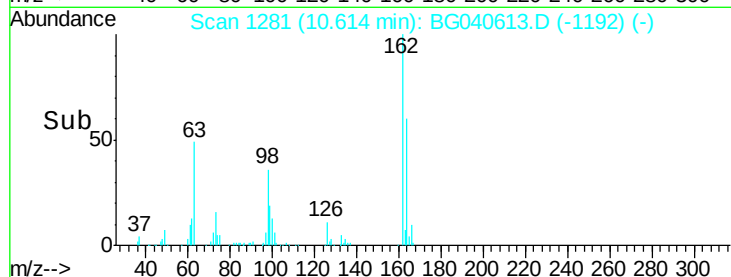
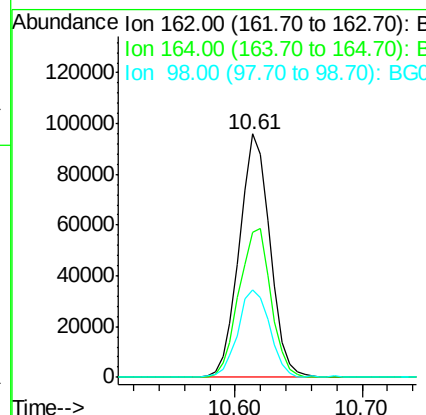
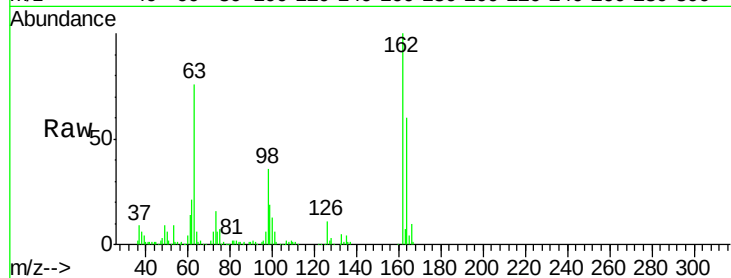




#29
 2,4-Dichlorophenol
 Concen: 46.172 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

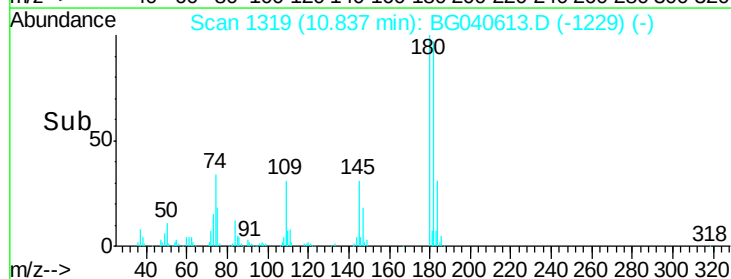
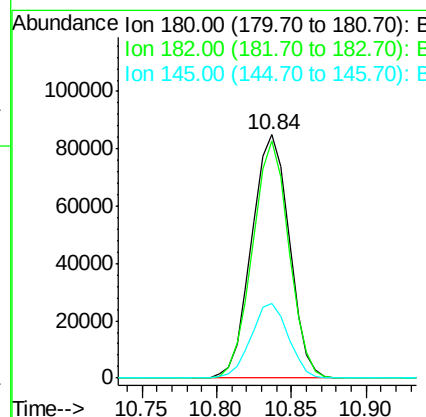
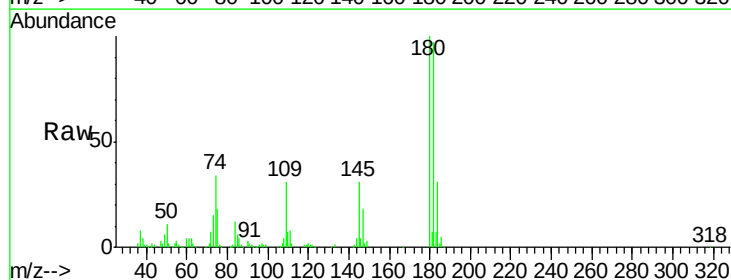
Instrument :
 BNA_G
 ClientSampleId :

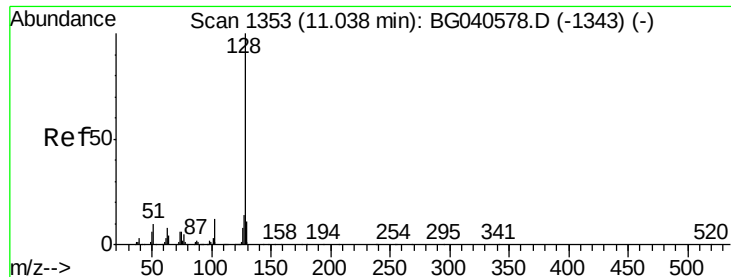
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.8	38.9	78.9
98	35.7	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.224 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.2	112.8
145	30.6	23.6	35.4

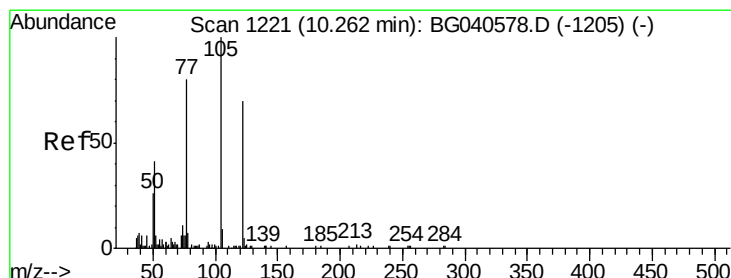
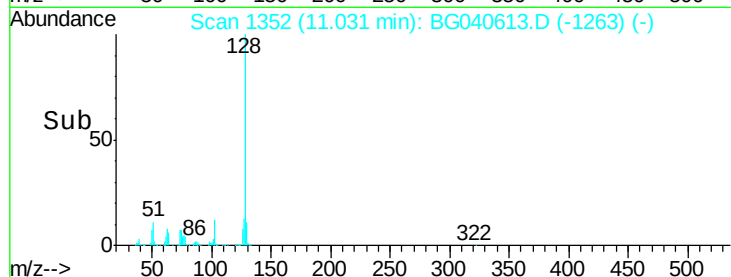
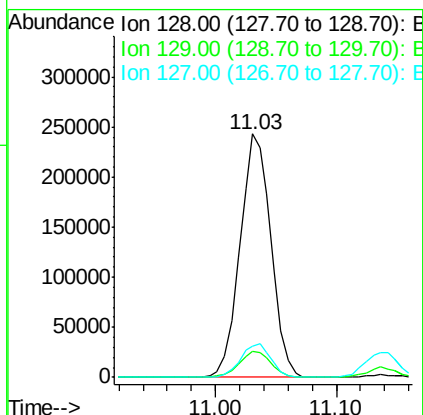
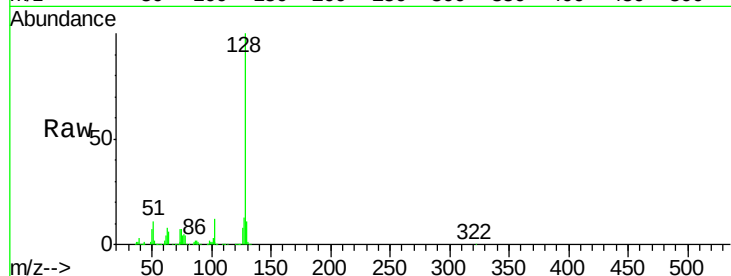




#31
Naphthalene
Concen: 41.228 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

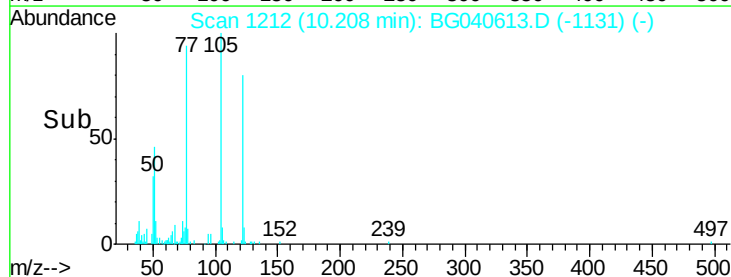
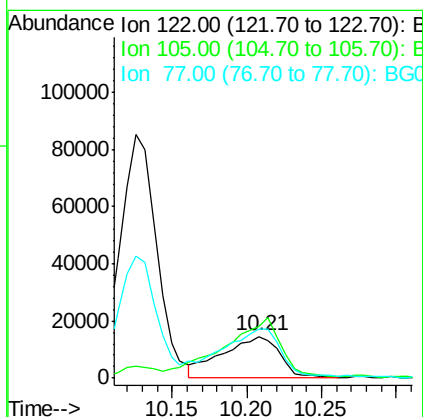
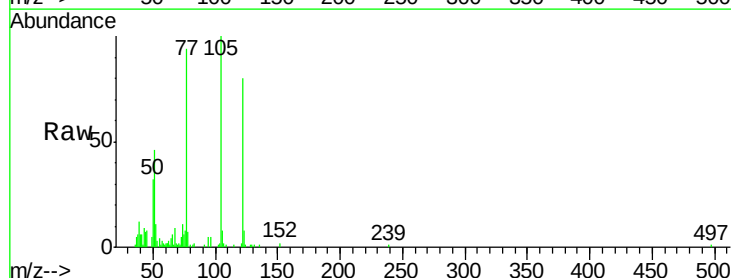
Instrument :
BNA_G
ClientSampleId :

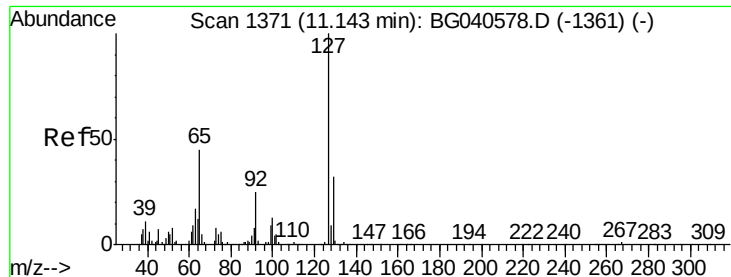
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.8	11.3	16.9



#32
Benzoic acid
Concen: 18.208 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	110.9	150.9
77	117.3	87.6	127.6

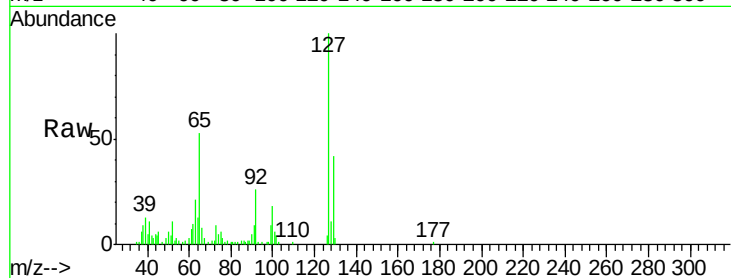




#33
4-Chloroaniline
Concen: 10.436 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	41.6	25.7	38.5#
65	52.6	36.1	54.1
92	26.0	20.1	30.1



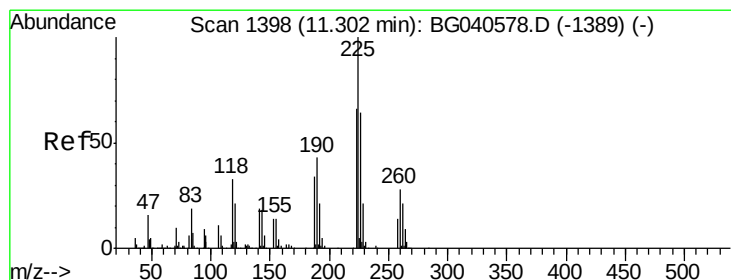
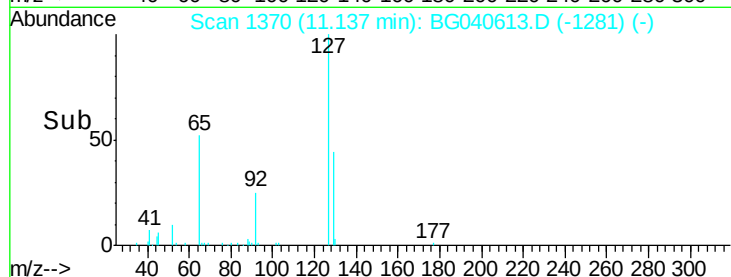
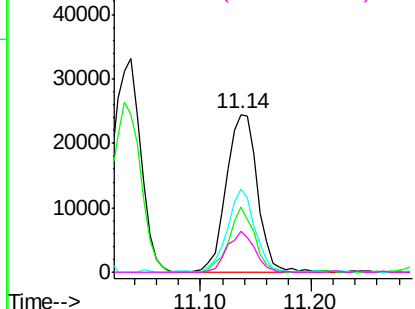
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

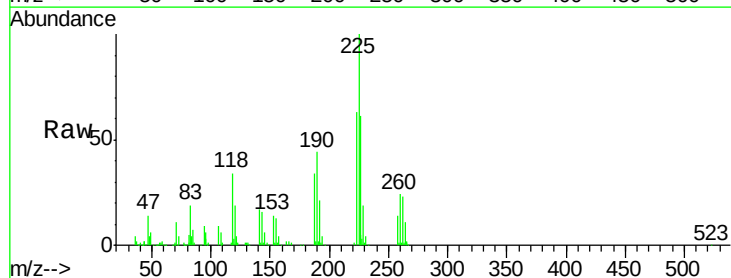
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.064 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	60.6	51.0	76.6

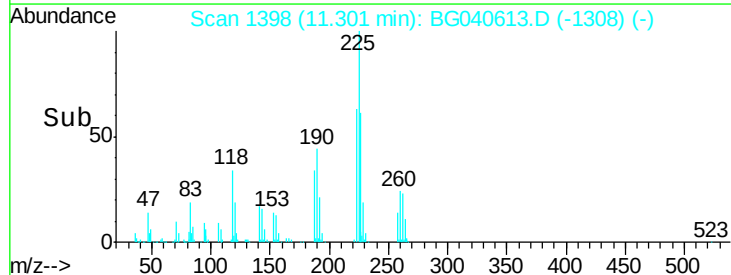
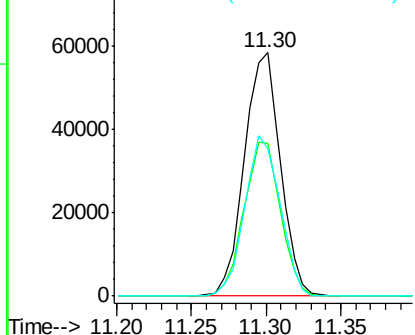


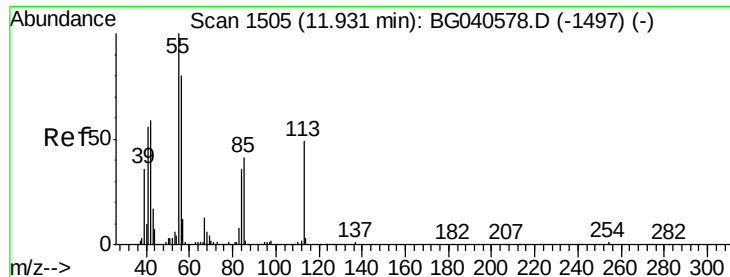
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 5.467 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

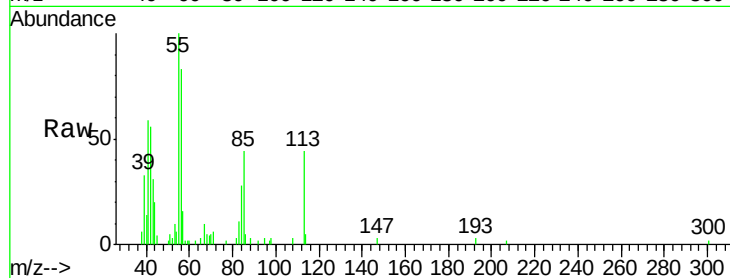
Tot Ion:113 Resp: 7513

Ion Ratio Lower Upper

113 100

55 224.7 198.6 238.6

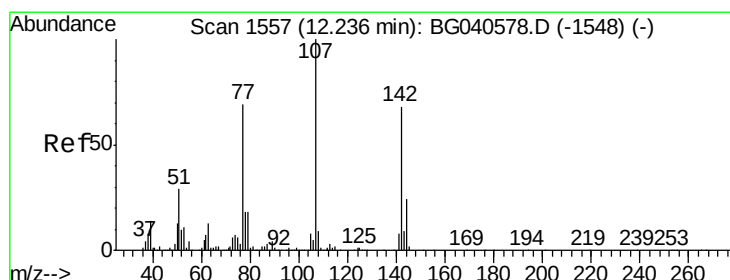
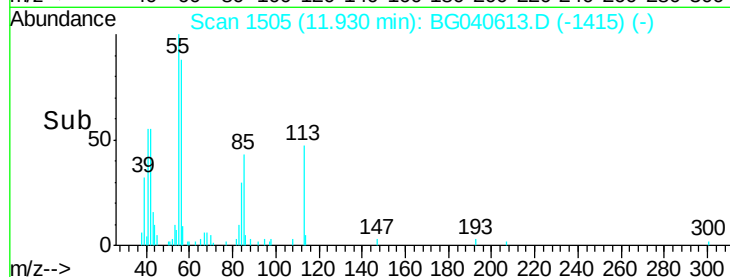
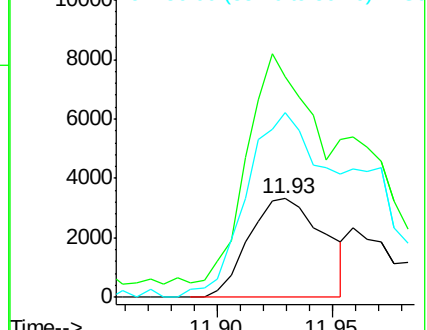
56 187.3 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG040578.D (-1497) (-)

Ion 56.00 (55.70 to 56.70): BG040578.D (-1497) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.032 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

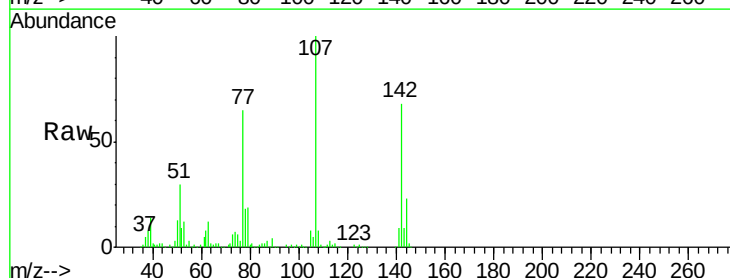
Tgt Ion:107 Resp: 193350

Ion Ratio Lower Upper

107 100

144 22.9 19.3 28.9

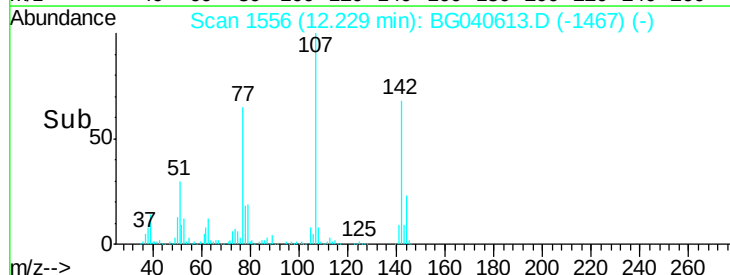
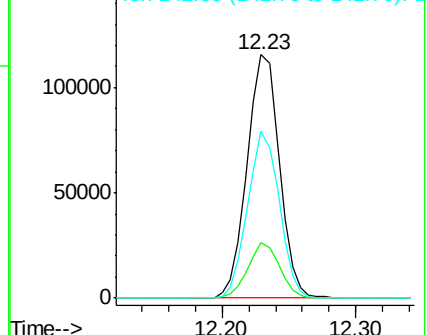
142 68.3 54.6 81.8

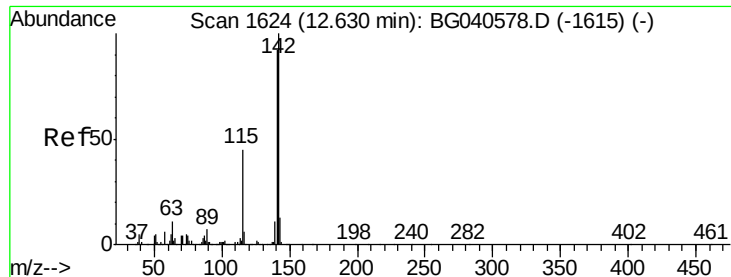


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

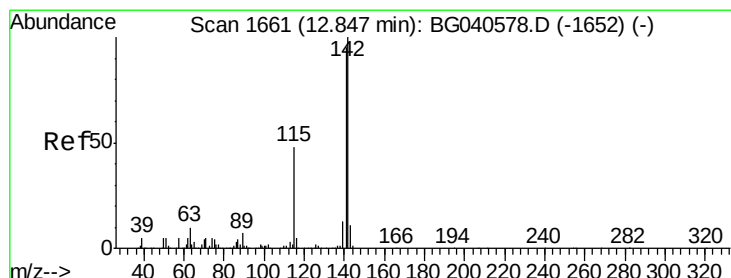
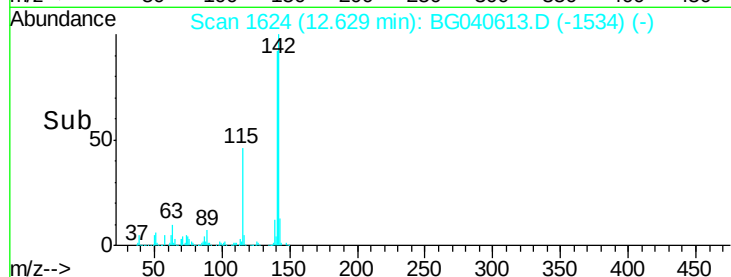
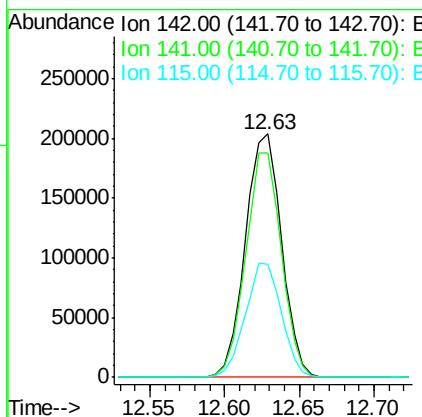
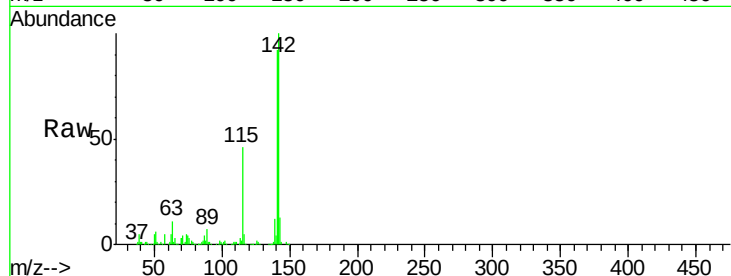




#37
2-Methylnaphthalene
Concen: 43.469 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

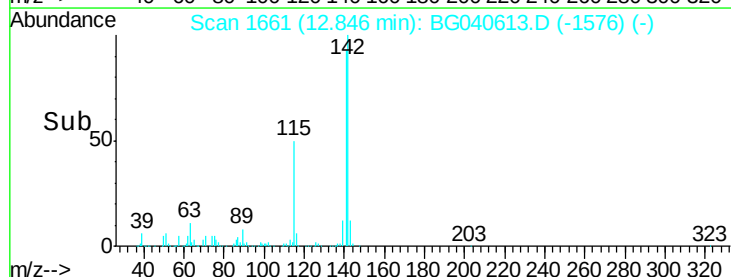
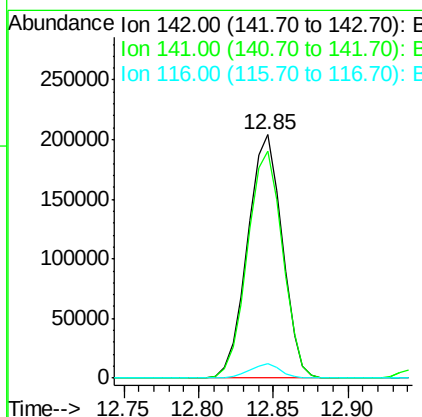
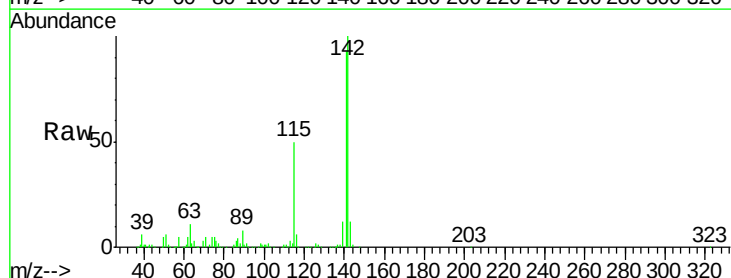
Instrument :
BNA_G
ClientSampleId :

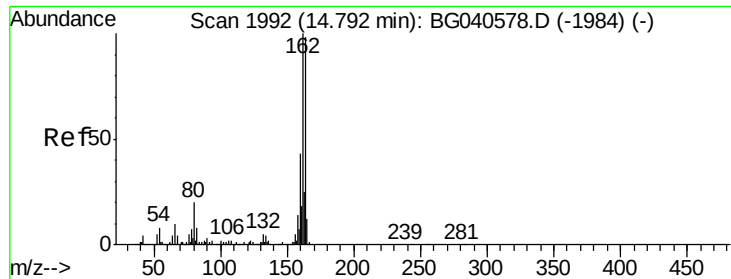
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.2
115	46.2	36.2	54.4



#38
1-Methylnaphthalene
Concen: 42.670 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.9	113.9
116	5.7	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

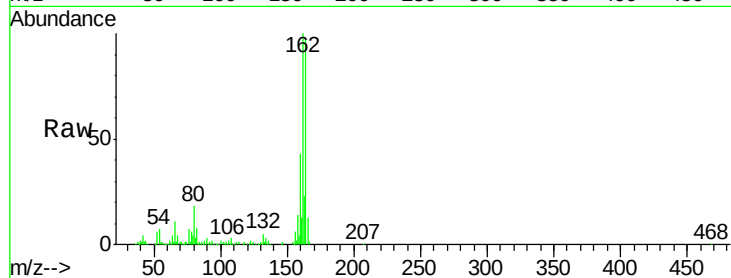
Tot Ion:164 Resp: 154595

Ion Ratio Lower Upper

164 100

162 103.2 81.9 122.9

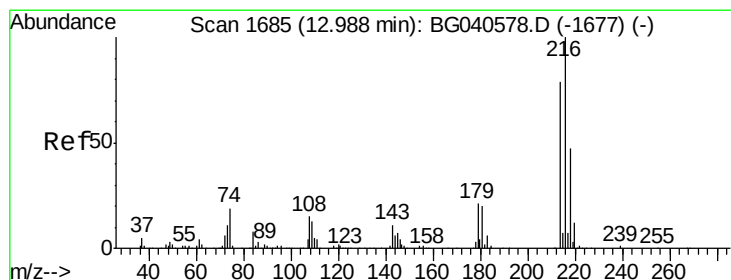
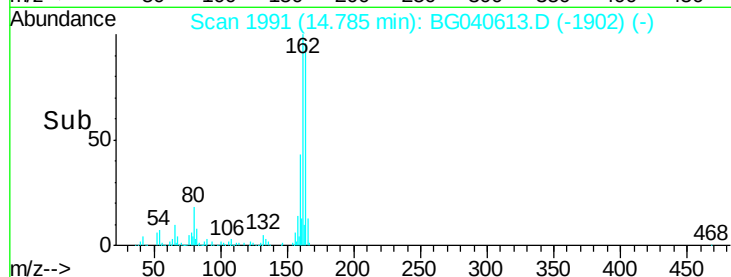
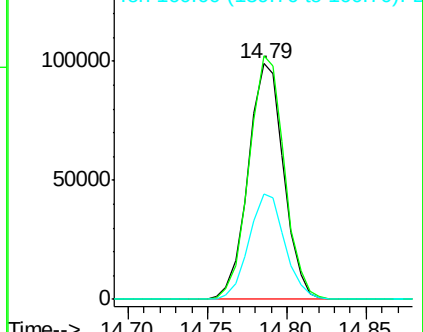
160 44.4 35.4 53.2



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: 38.341 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:216 Resp: 220809

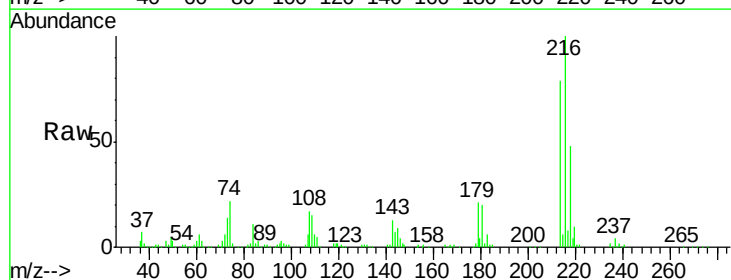
Ion Ratio Lower Upper

216 100

214 80.5 63.7 95.5

179 20.6 16.6 24.8

108 21.0 14.7 22.1

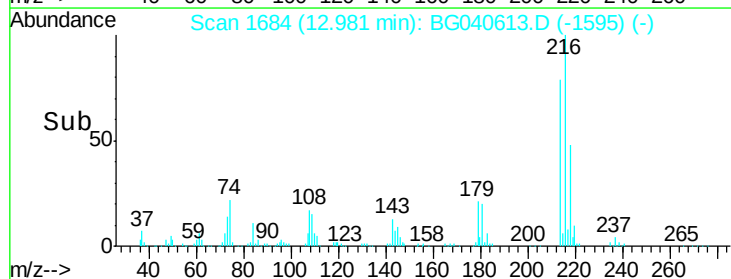
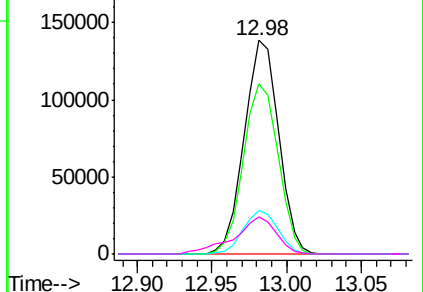


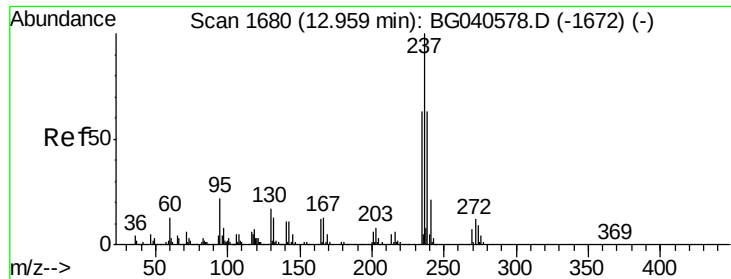
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.832 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

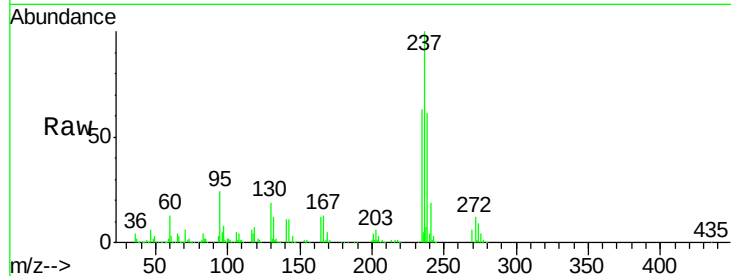
Tot Ion:237 Resp: 267897

Ion Ratio Lower Upper

237 100

235 62.9 42.5 82.5

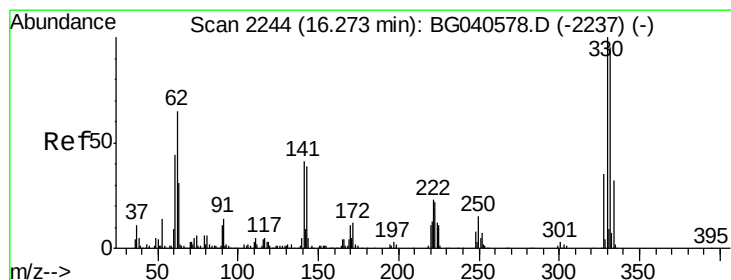
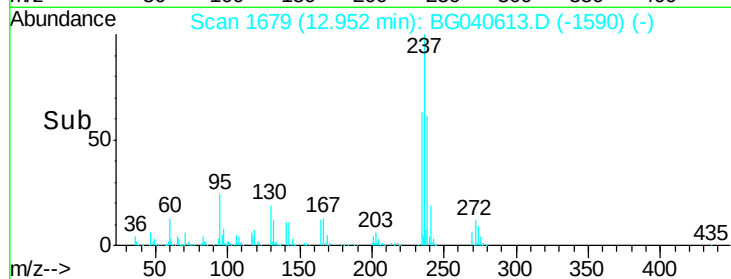
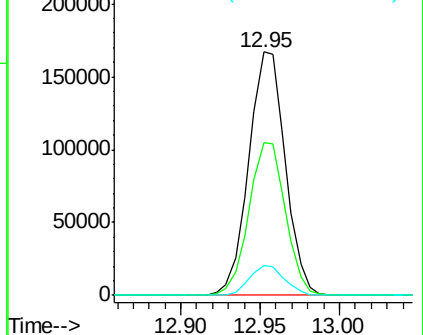
272 12.5 0.0 31.6



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: 132.329 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

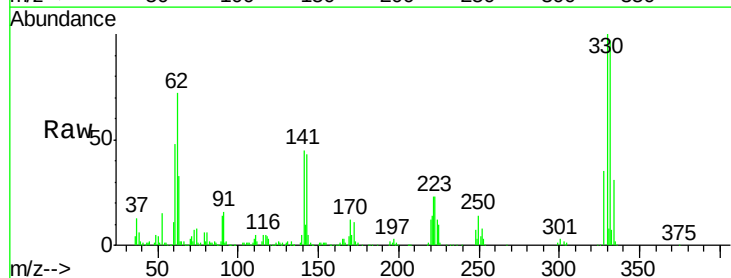
Tgt Ion:330 Resp: 281191

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

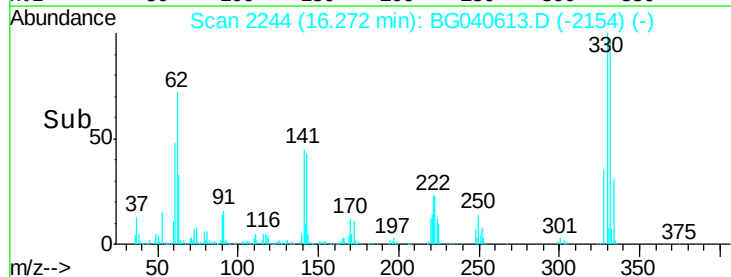
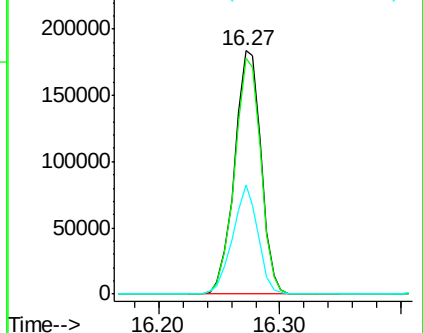
141 42.4 32.4 48.6

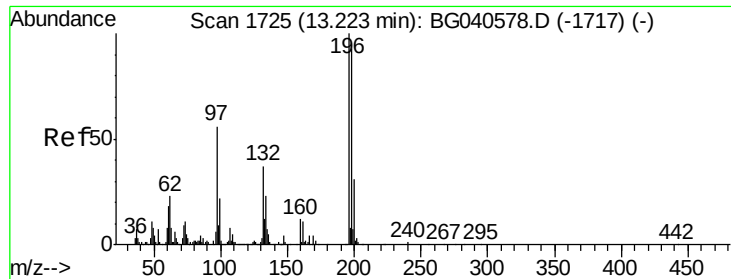


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

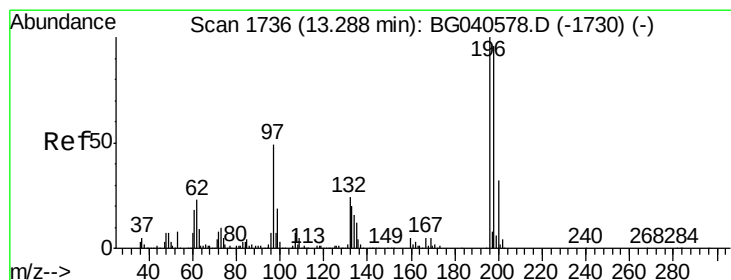
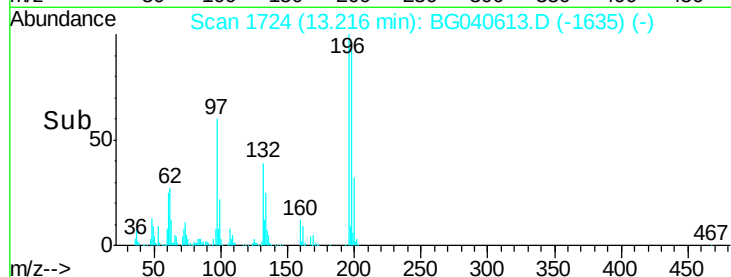
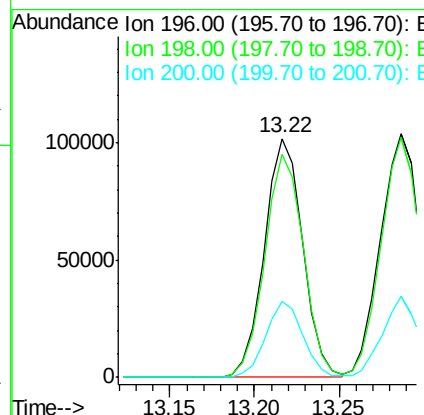
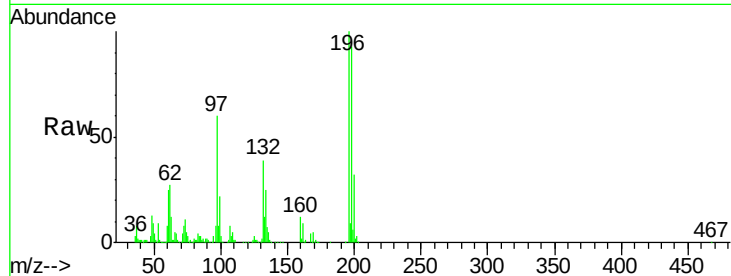




#43
 2,4,6-Trichlorophenol
 Concen: 46.007 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

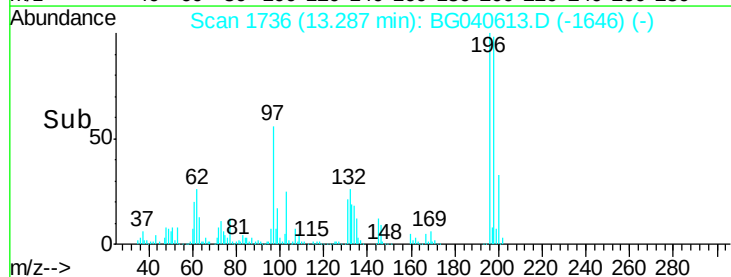
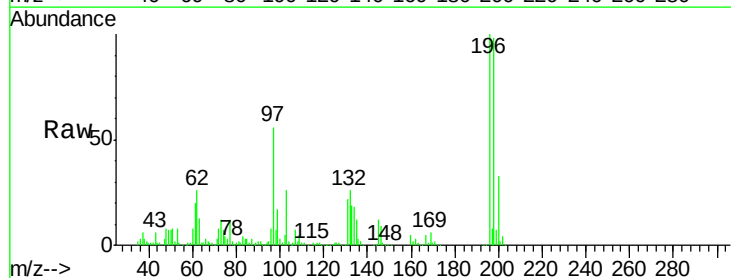
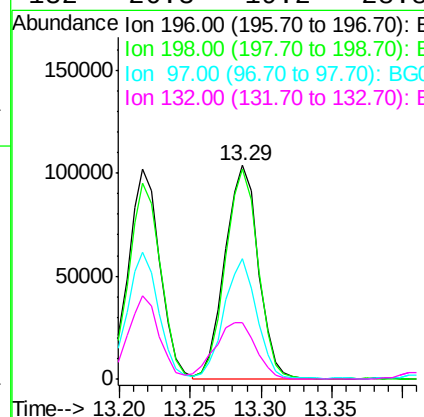
Instrument :
 BNA_G
 ClientSampleId :

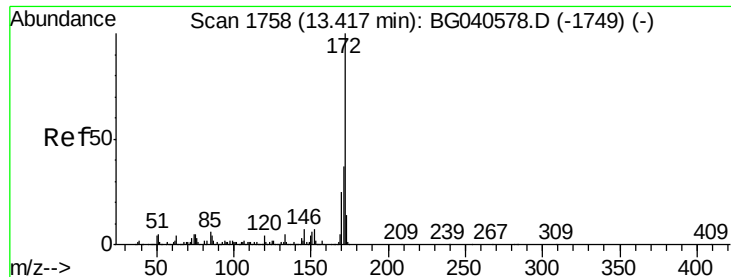
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.8	112.2
200	31.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.228 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	77.0	115.6
97	56.0	40.0	60.0
132	26.3	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 80.294 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

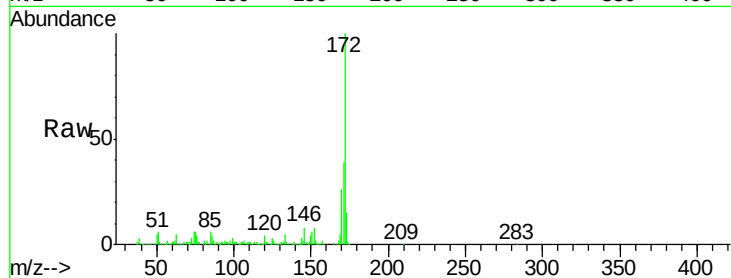
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 859513

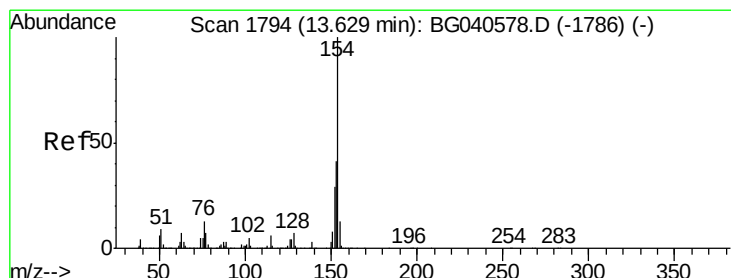
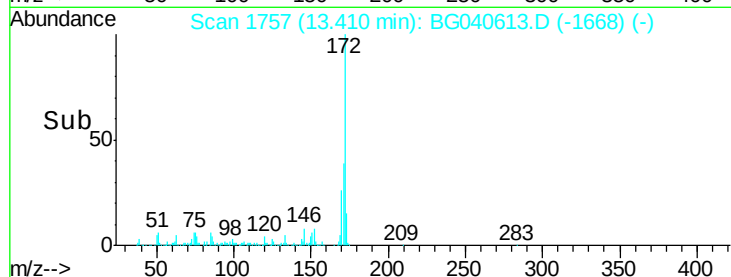
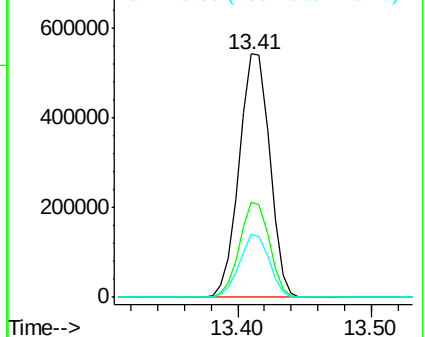
Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	26.0	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.372 ng

RT: 13.62 min Scan# 1793

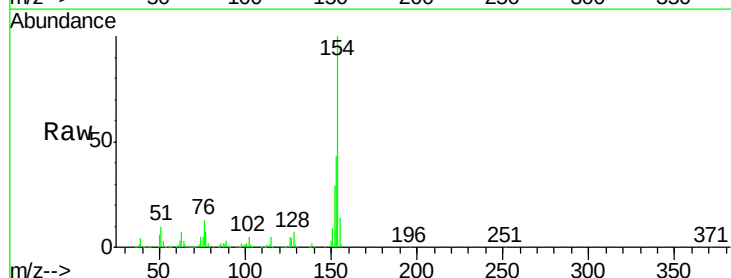
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:154 Resp: 484586

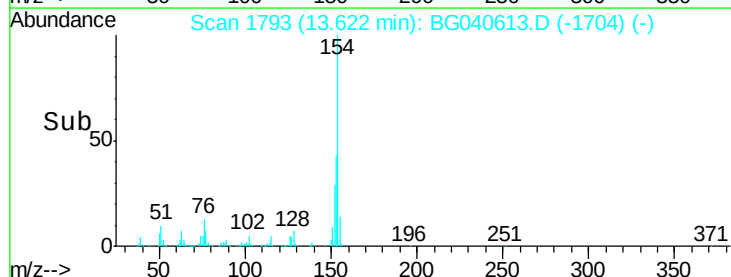
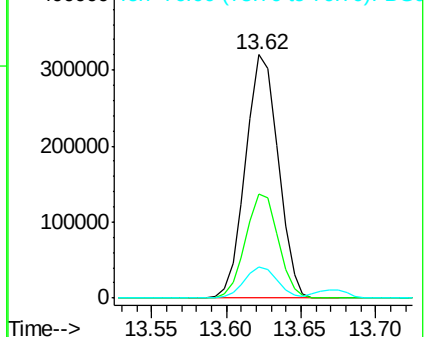
Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.5	60.5
76	12.7	0.0	32.5

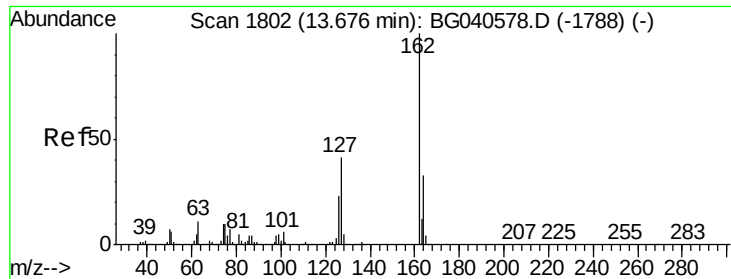


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

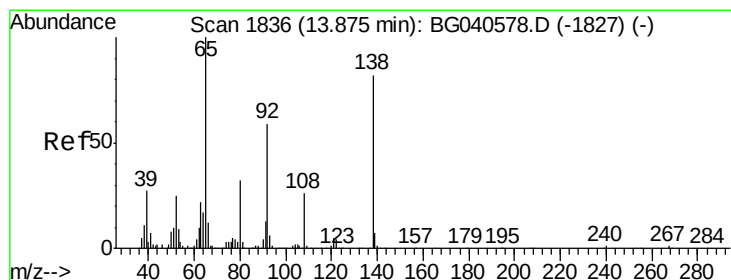
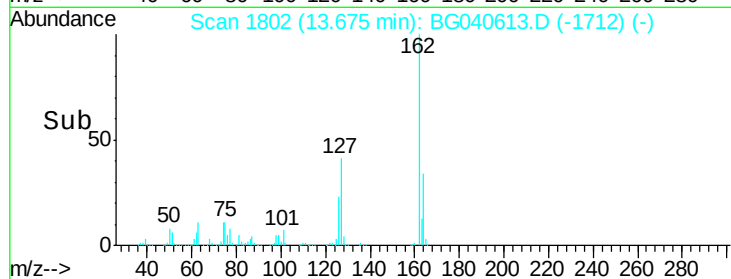
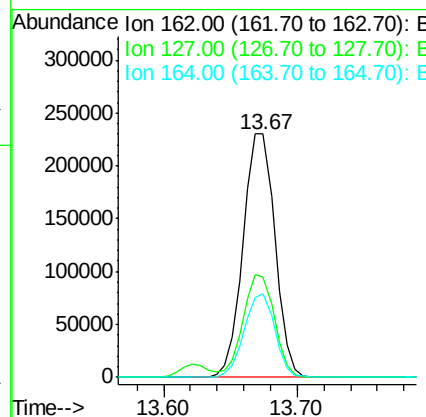
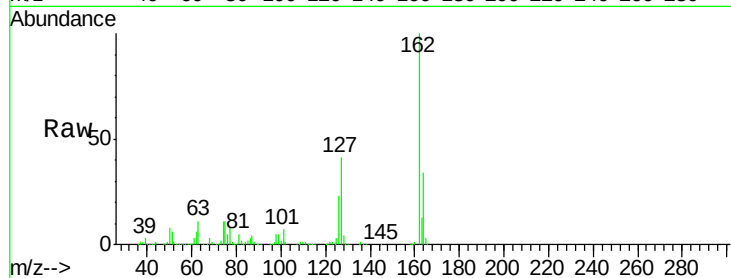




#47
 2-Chloronaphthalene
 Concen: 40.295 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

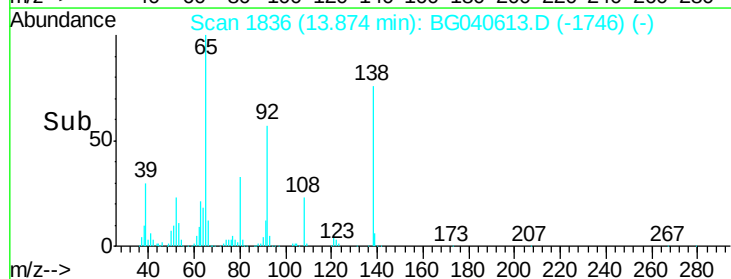
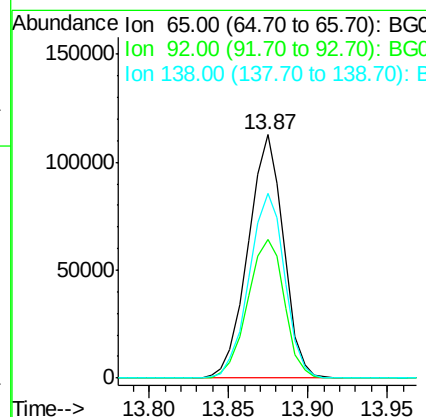
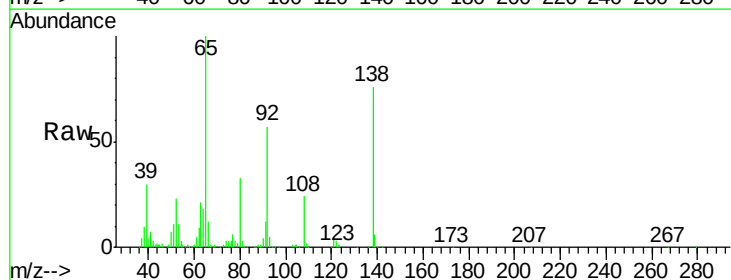
Instrument :
 BNA_G
 ClientSampleId :

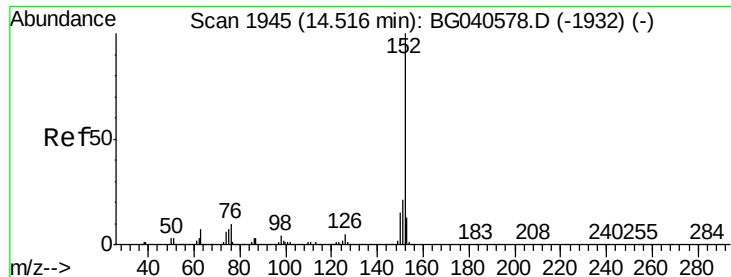
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.0	49.4
164	34.2	26.8	40.2



#48
 2-Nitroaniline
 Concen: 52.409 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.1	47.4	71.0
138	75.7	66.1	99.1





#49

Acenaphthylene

Concen: 40.283 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

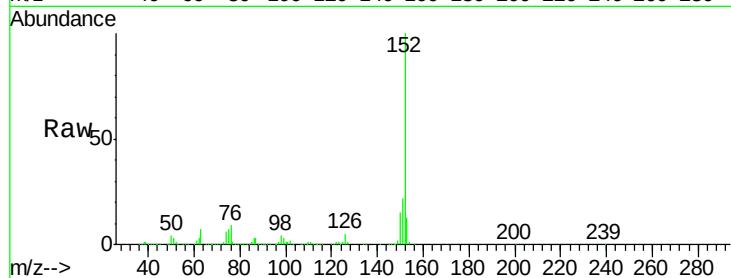
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 641987

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	12.8	10.7	16.1

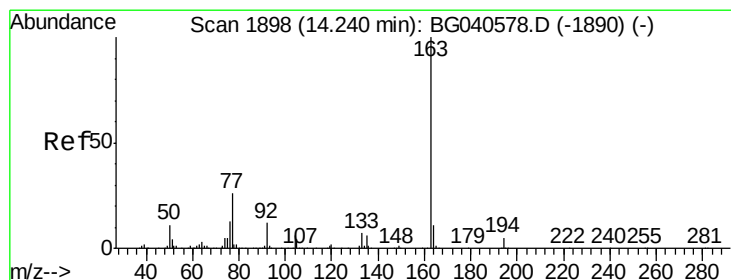
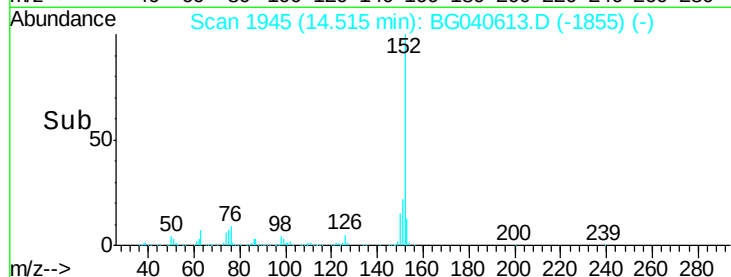
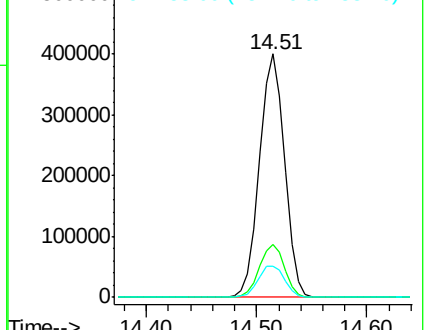


Abundance

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: 44.200 ng

RT: 14.24 min Scan# 1898

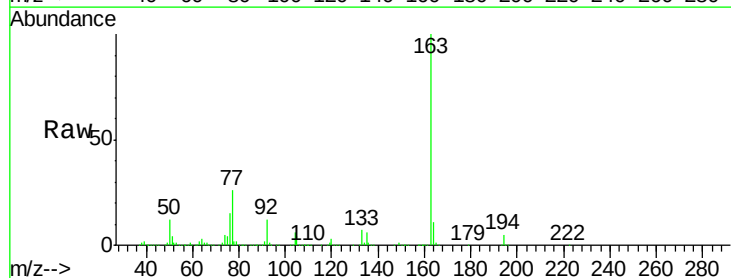
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:163 Resp: 571713

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	11.0	8.8	13.2

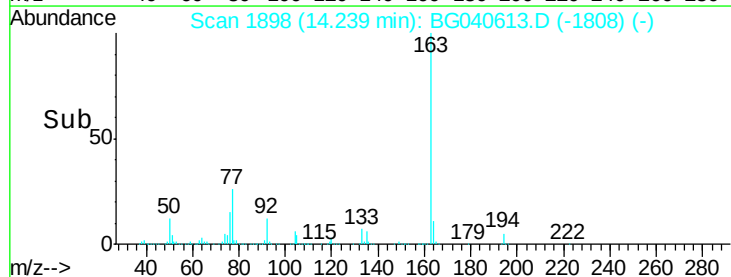
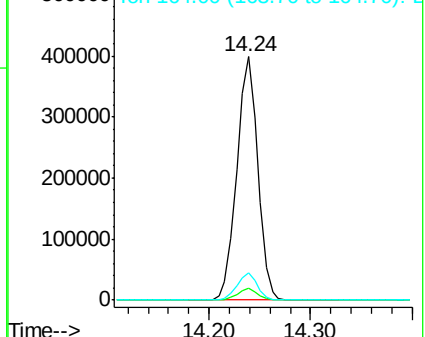


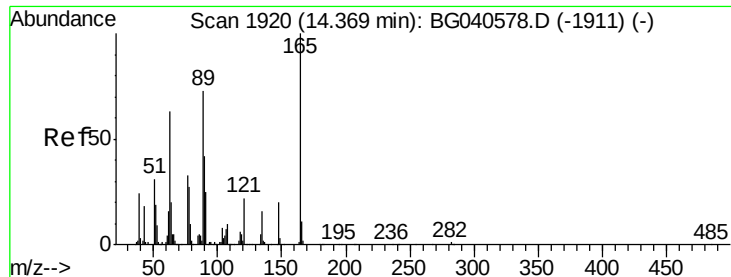
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.781 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampled :

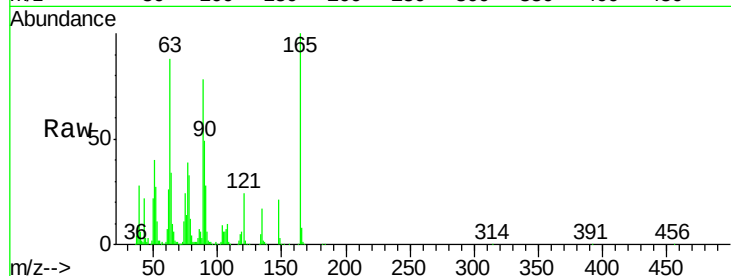
Tot Ion:165 Resp: 120620

Ion Ratio Lower Upper

165 100

63 88.4 61.0 91.4

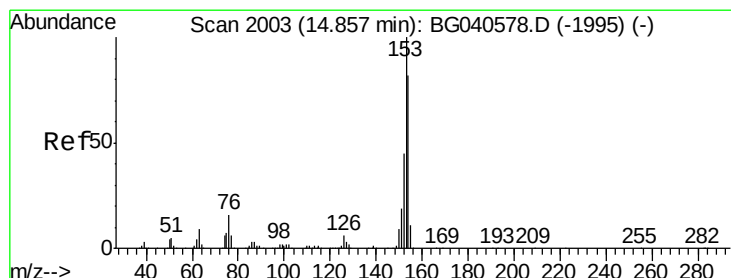
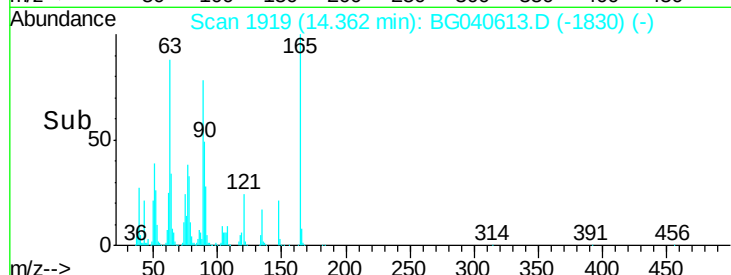
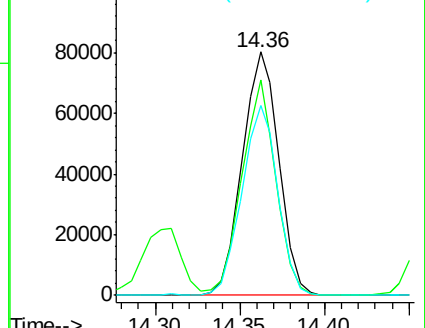
89 77.9 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.007 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

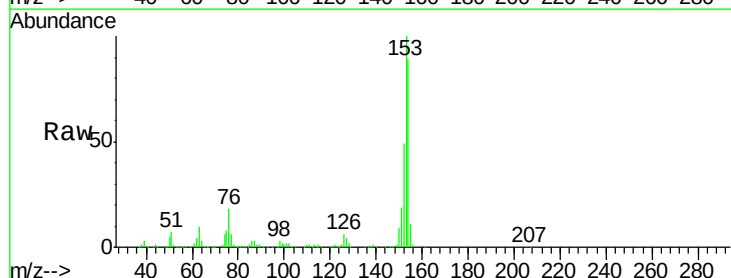
Tgt Ion:154 Resp: 389873

Ion Ratio Lower Upper

154 100

153 111.9 97.0 145.6

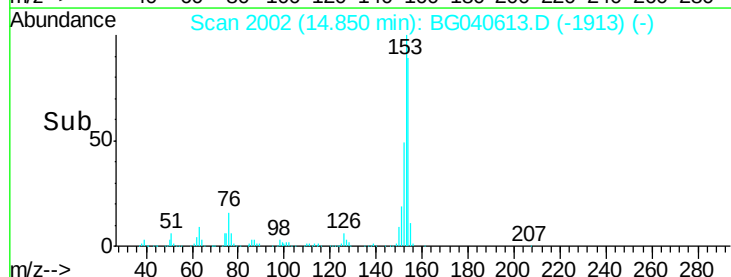
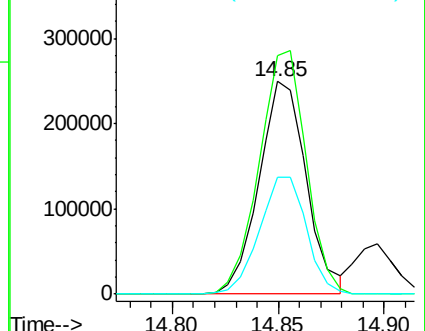
152 55.0 44.1 66.1

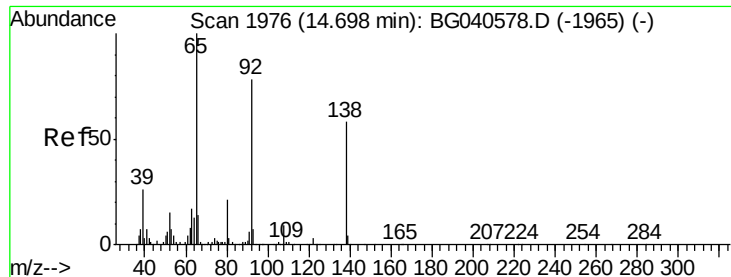


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

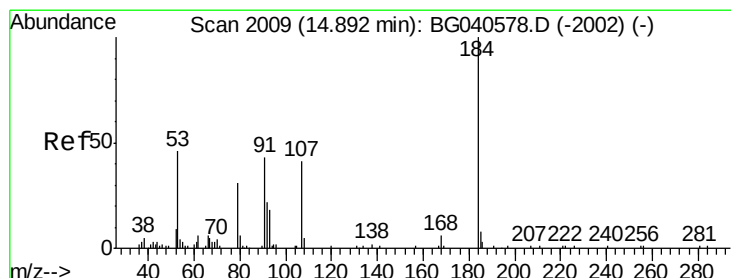
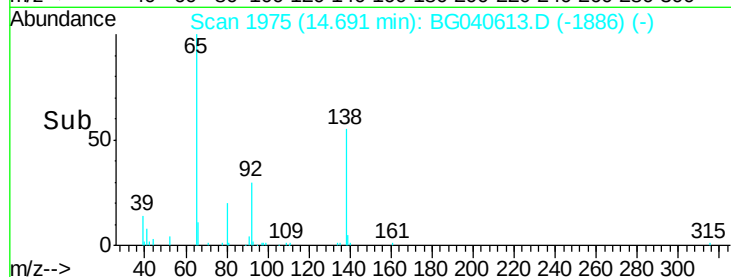
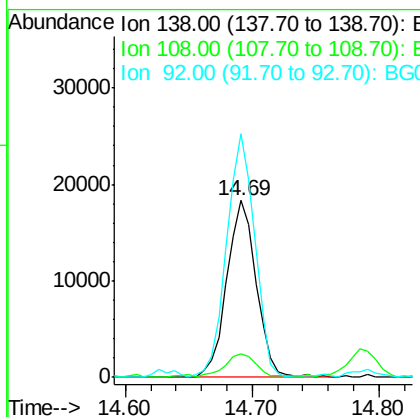
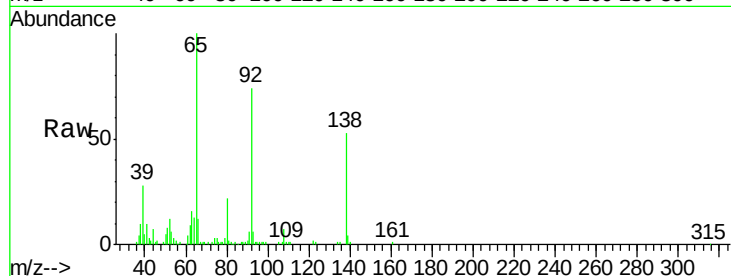




#53
3-Nitroaniline
Concen: 11.387 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

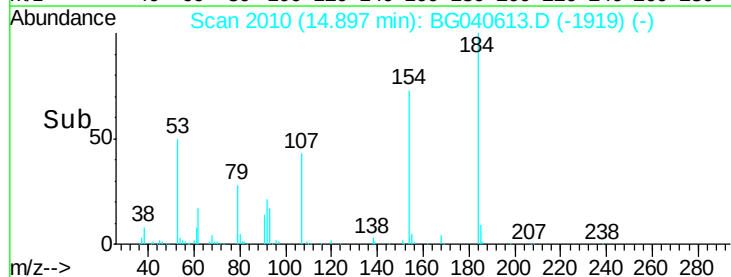
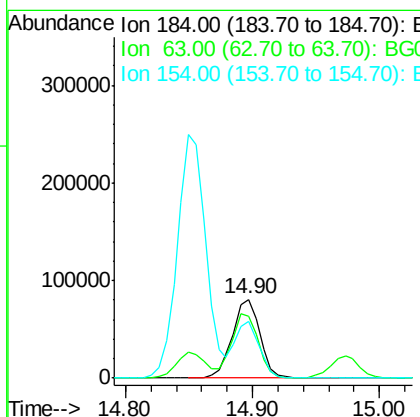
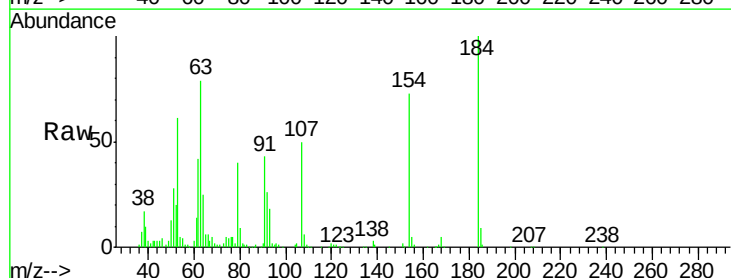
Instrument :
BNA_G
ClientSampleId :

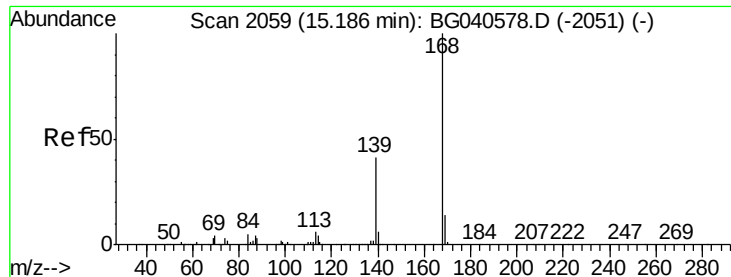
Tot Ion:138 Resp: 29453
Ion Ratio Lower Upper
138 100
108 13.3 12.4 18.6
92 137.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 85.079 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion:184 Resp: 121827
Ion Ratio Lower Upper
184 100
63 78.8 51.8 77.6#
154 72.5 43.6 65.4#





#55

Dibenzofuran

Concen: 42.885 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampled :

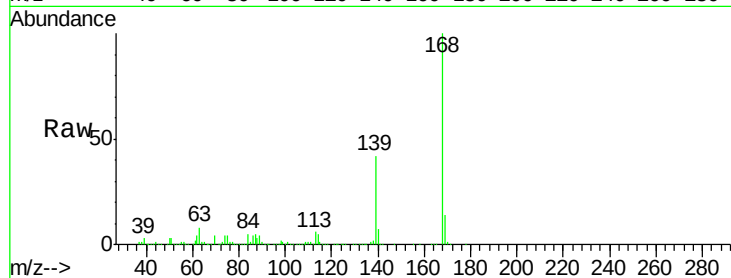
Tot Ion:168 Resp: 651921

Ion Ratio Lower Upper

168 100

139 42.4 33.0 49.4

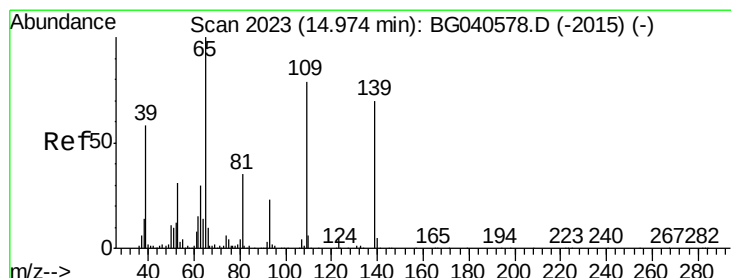
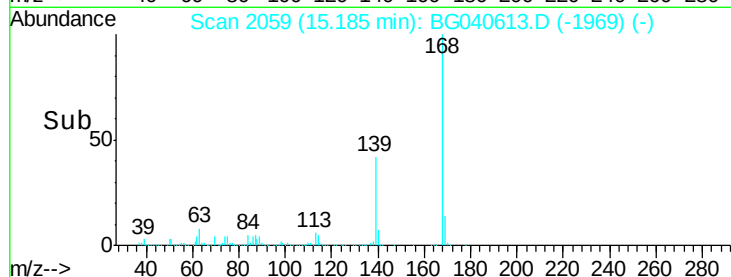
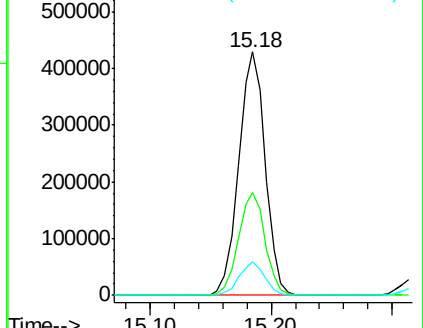
169 13.9 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 34.469 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

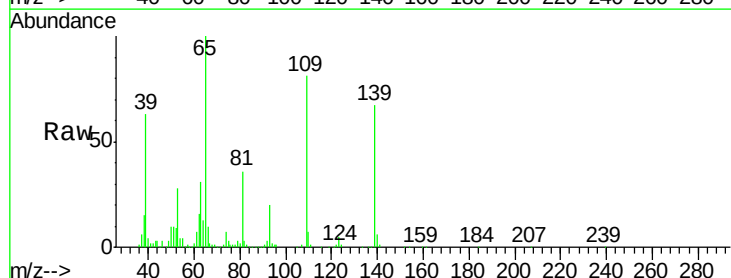
Tgt Ion:139 Resp: 77308

Ion Ratio Lower Upper

139 100

109 119.6 93.8 133.8

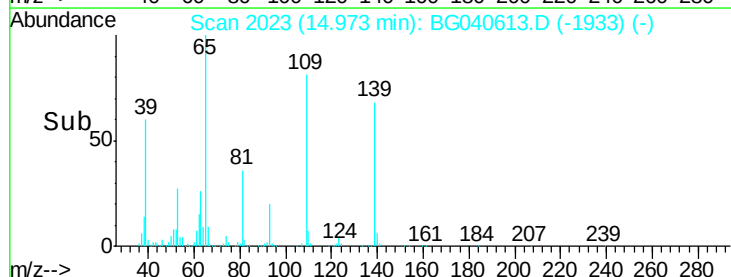
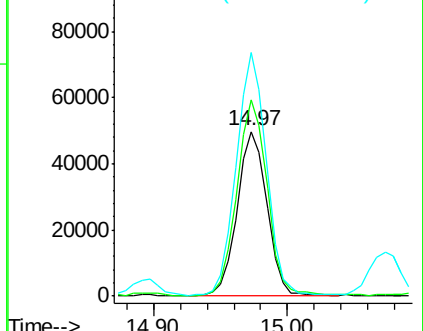
65 148.2 122.7 162.7

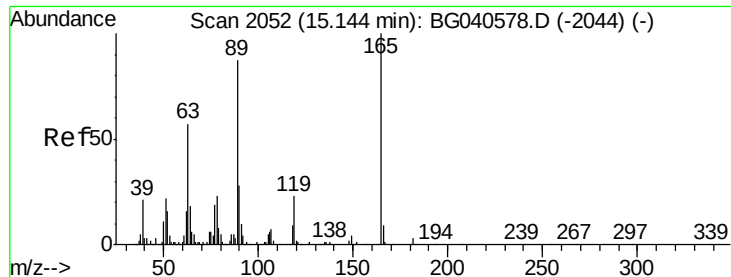


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 51.190 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 175599

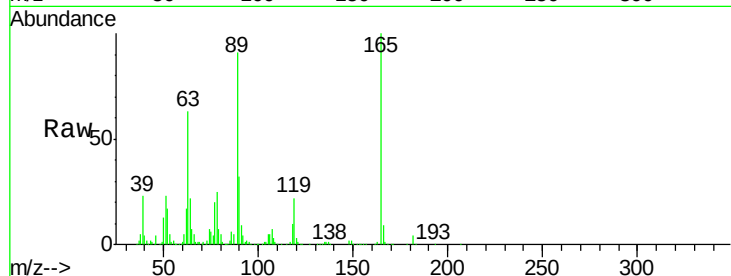
Ion Ratio Lower Upper

165 100

63 63.2 45.8 68.8

89 91.1 69.4 104.2

182 3.6 2.2 3.4#

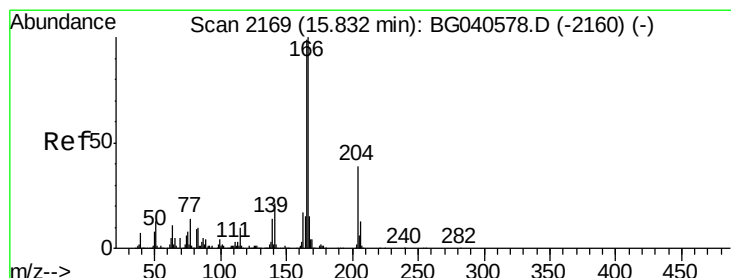
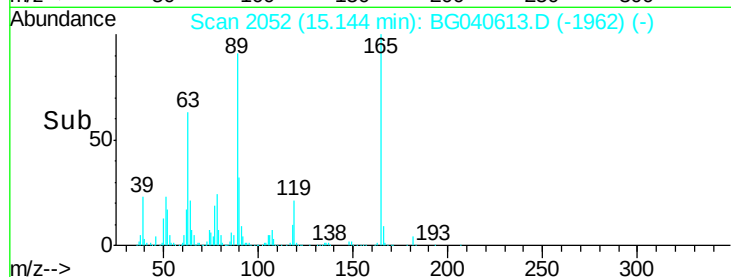
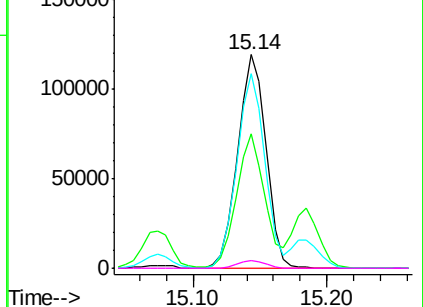


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.058 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

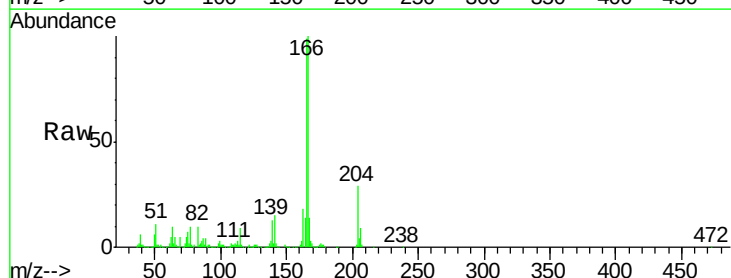
Tgt Ion:166 Resp: 529050

Ion Ratio Lower Upper

166 100

165 98.8 79.6 119.4

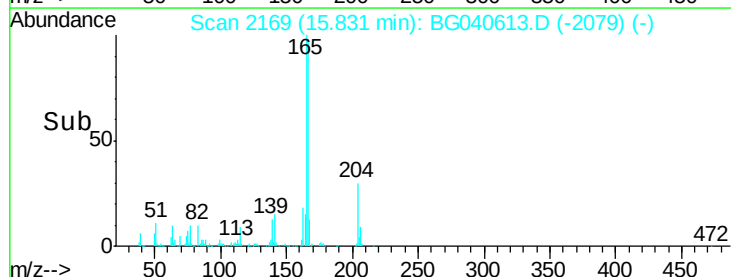
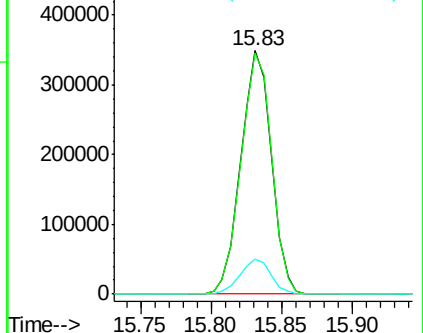
167 14.3 12.2 18.2

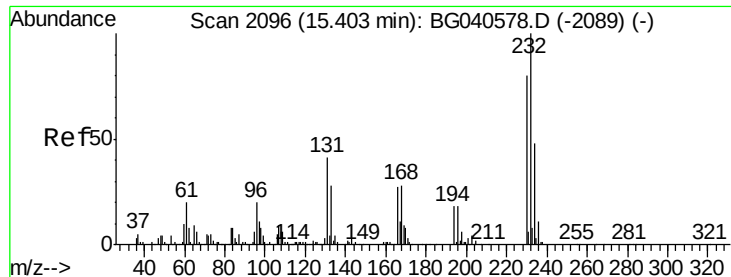


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.711 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 182062

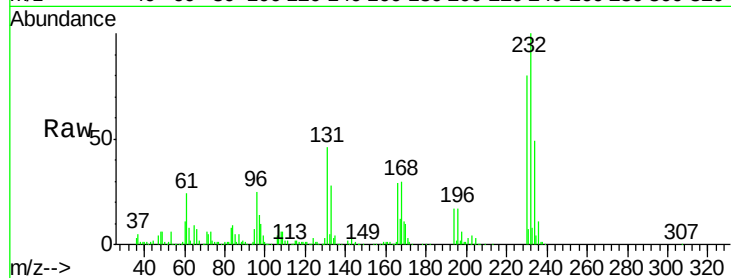
Ion Ratio Lower Upper

232 100

131 42.7 33.0 49.4

130 3.0 2.0 3.0

166 27.8 22.1 33.1

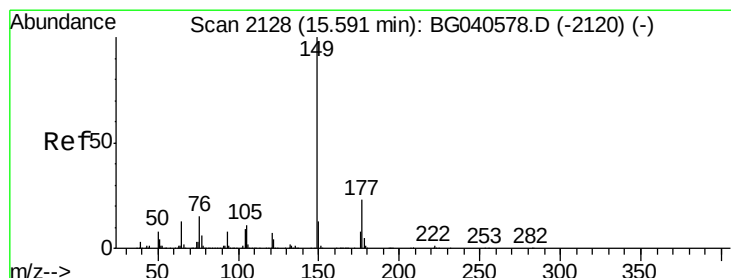
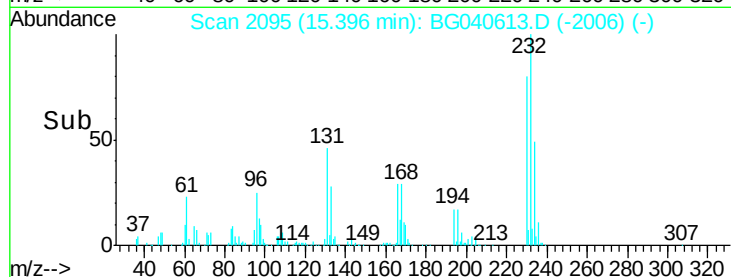
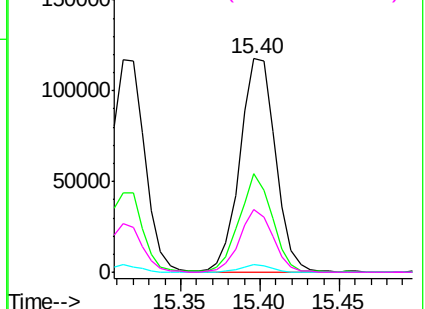


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.709 ng

RT: 15.59 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

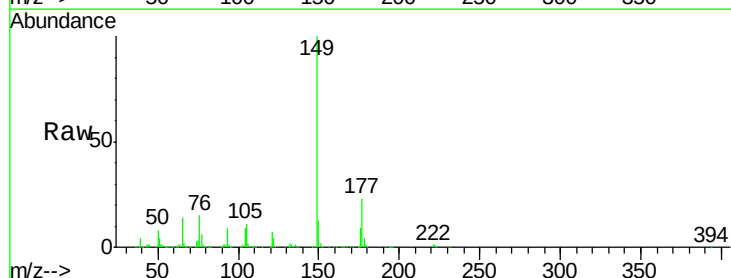
Tgt Ion:149 Resp: 610151

Ion Ratio Lower Upper

149 100

177 22.9 18.5 27.7

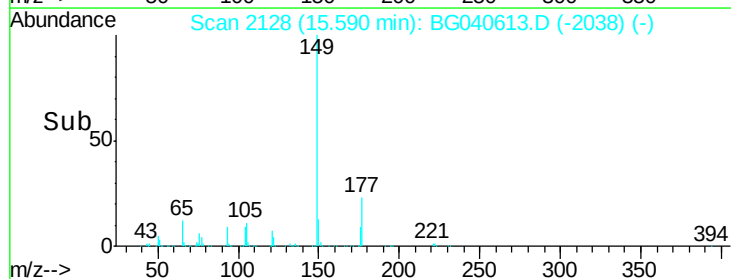
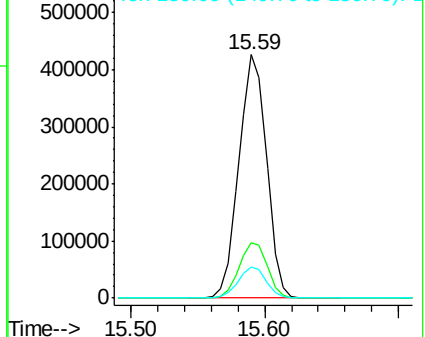
150 12.9 10.2 15.4

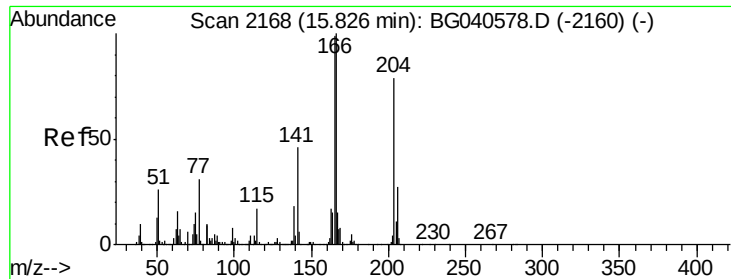


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

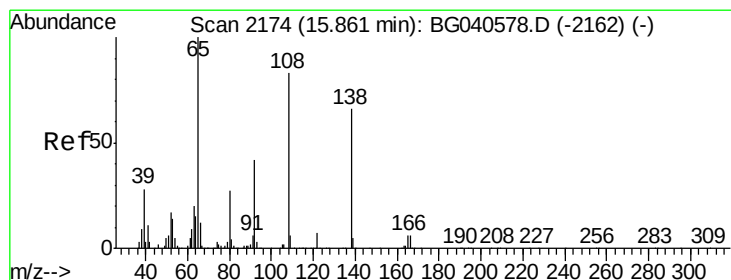
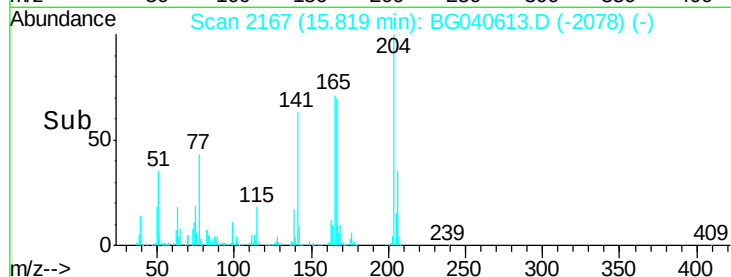
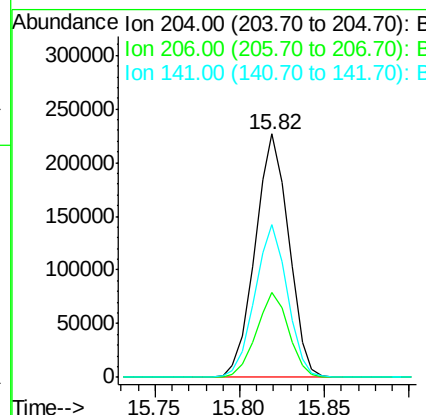
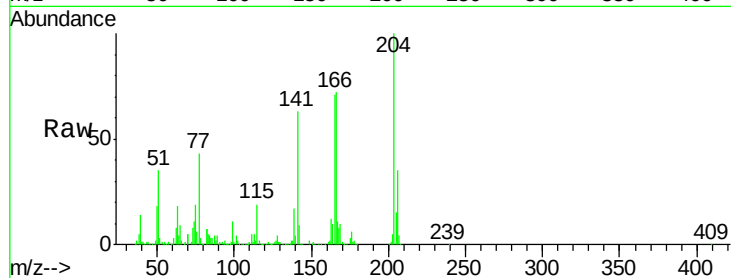




#61
 4-Chlorophenyl-phenylether
 Concen: 43.895 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

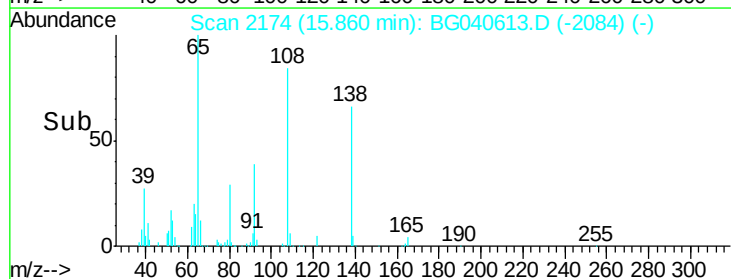
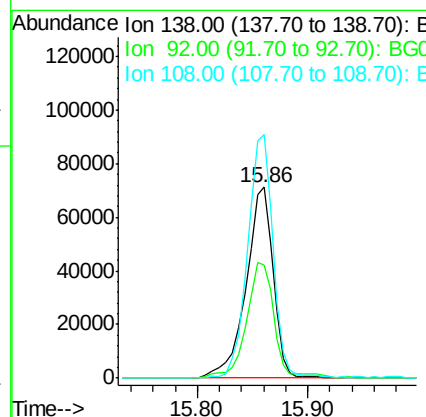
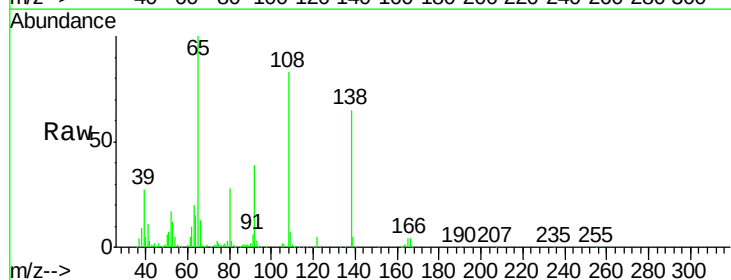
Instrument :
 BNA_G
 ClientSampleId :

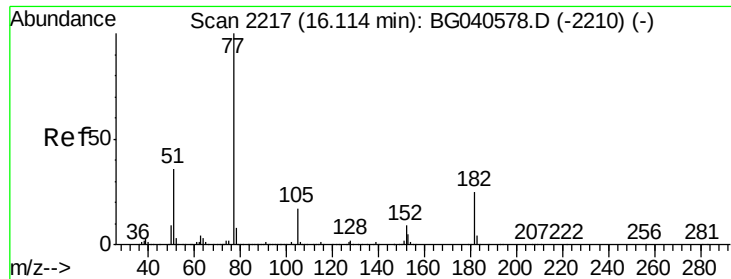
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.4	41.2
141	62.8	46.0	69.0



#62
 4-Nitroaniline
 Concen: 42.448 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.5	43.9	83.9
108	127.8	106.5	146.5

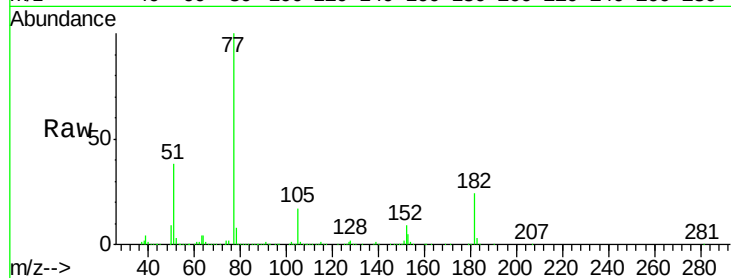




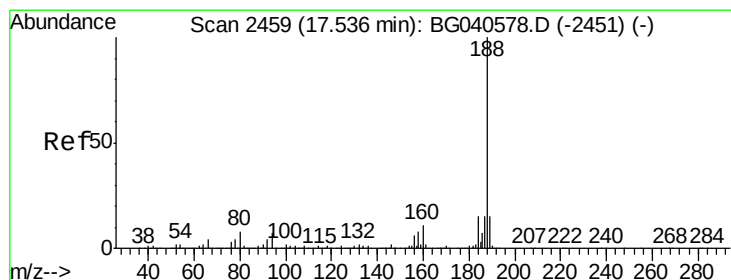
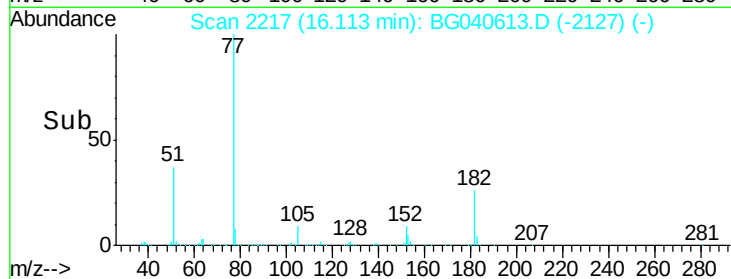
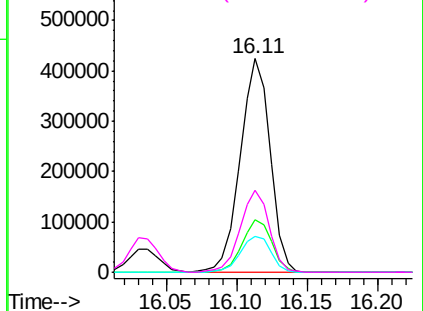
#63
Azobenzene
Concen: 44.608 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	626951
Ion	Ratio	Lower	Upper
77	100		
182	24.4	5.0	45.0
105	16.5	0.0	37.6
51	38.4	16.3	56.3

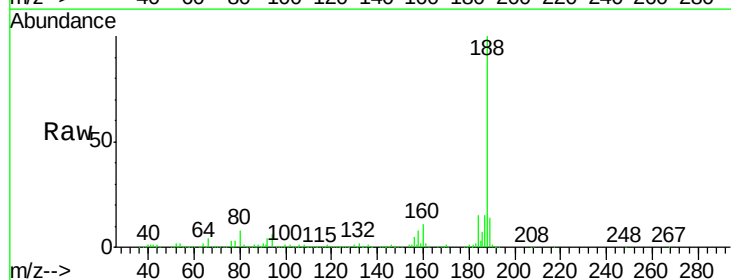


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

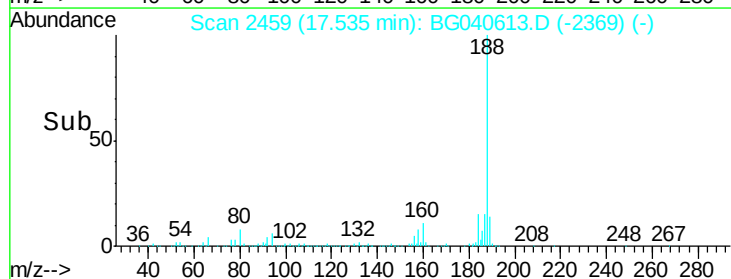
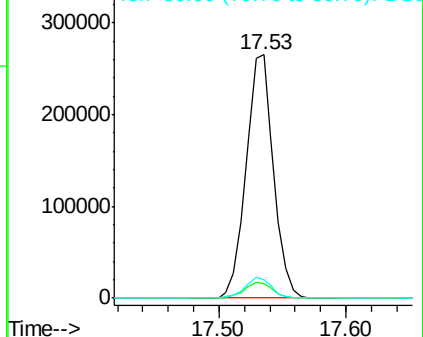


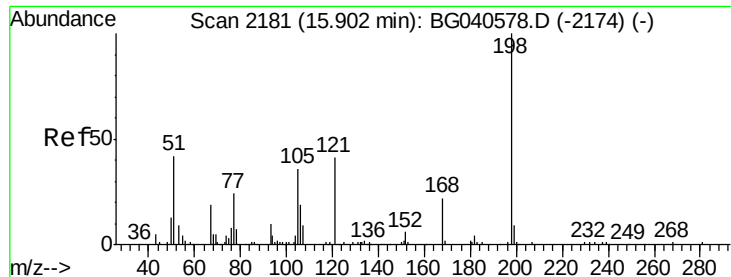
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion:	188	Resp:	395612
Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	7.8	6.4	9.6



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: 45.894 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

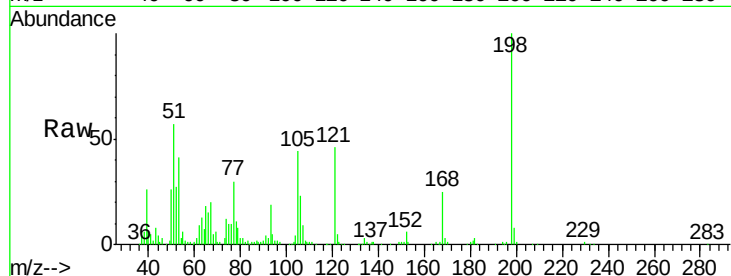
Tot Ion:198 Resp: 88748

Ion Ratio Lower Upper

198 100

51 56.9 35.9 75.9

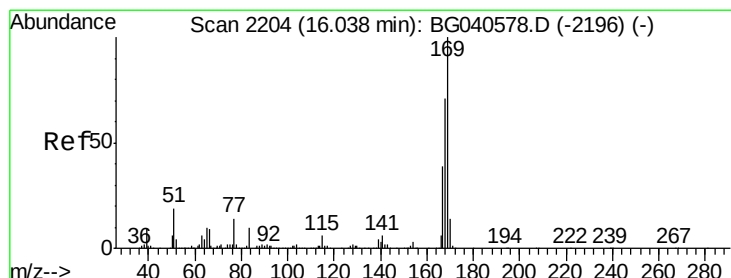
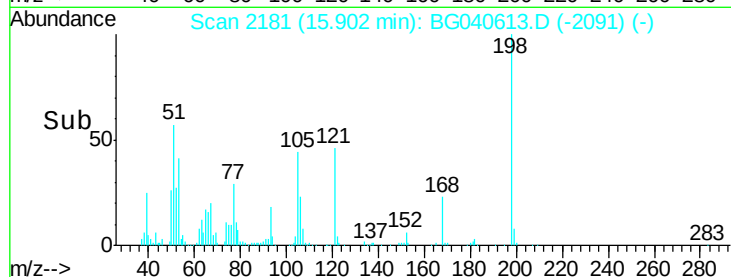
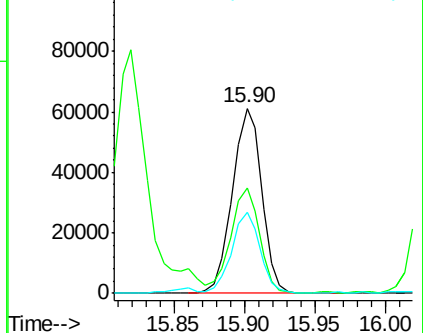
105 43.8 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.519 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

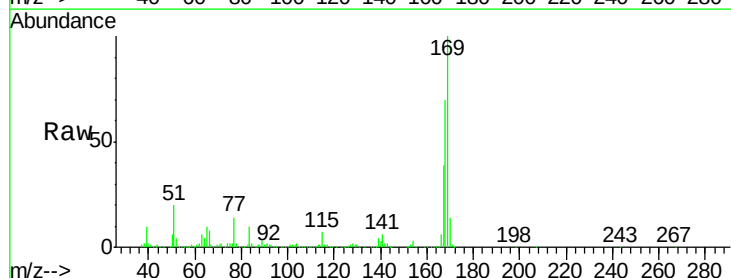
Tgt Ion:169 Resp: 494898

Ion Ratio Lower Upper

169 100

168 70.4 56.8 85.2

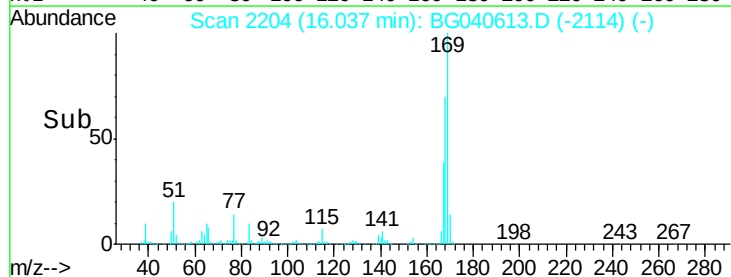
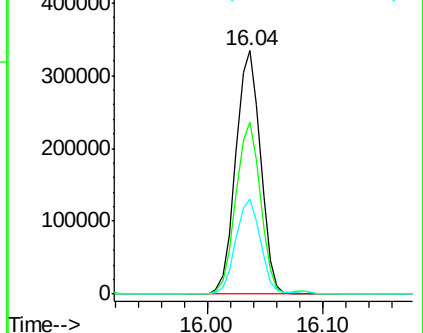
167 39.3 31.4 47.0

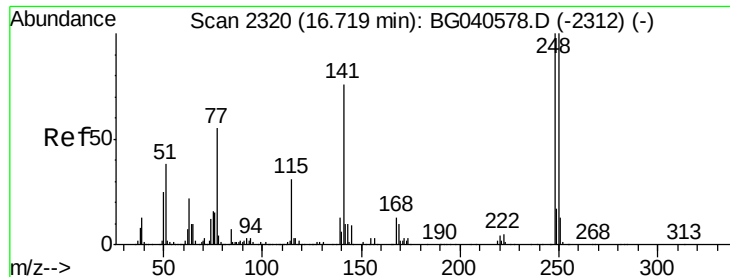


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

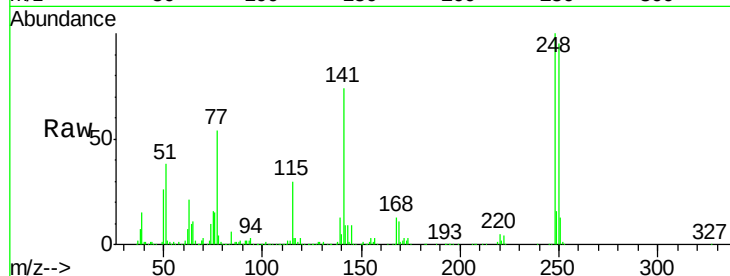




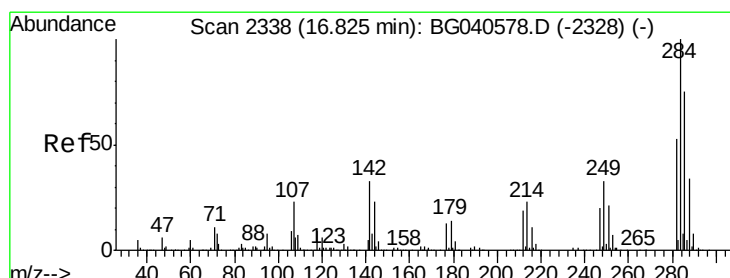
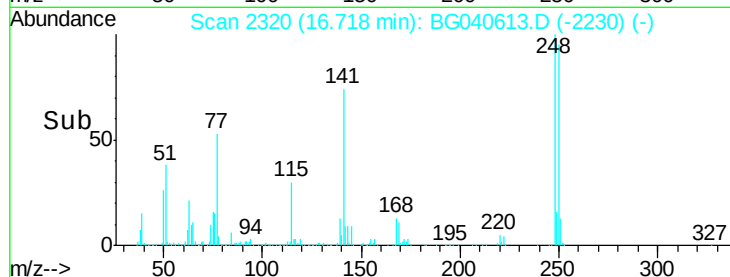
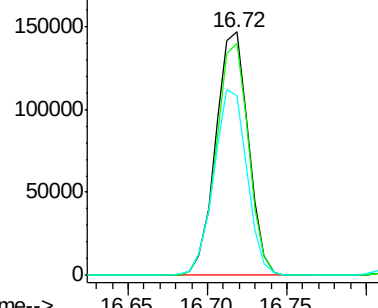
#67
 4-Bromophenyl-phenylether
 Concen: 42.599 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	79.8	119.6
141	73.8	60.8	91.2

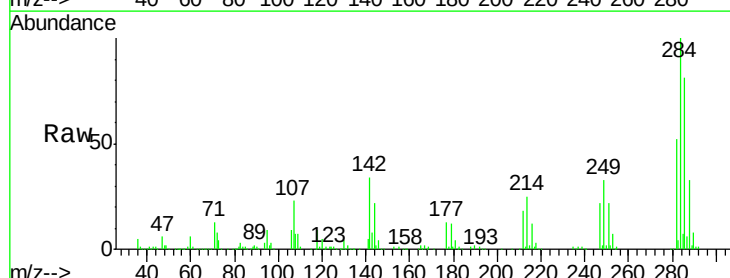


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

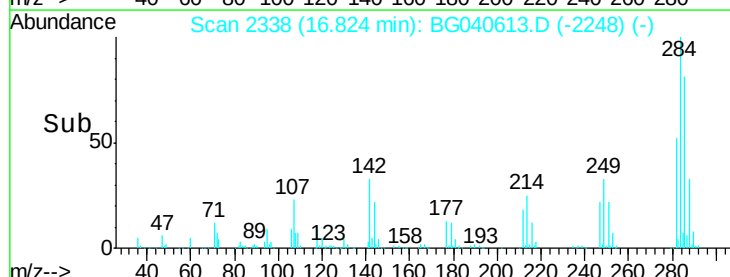
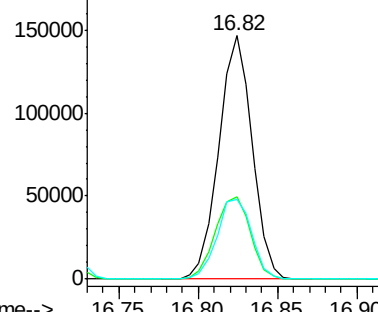


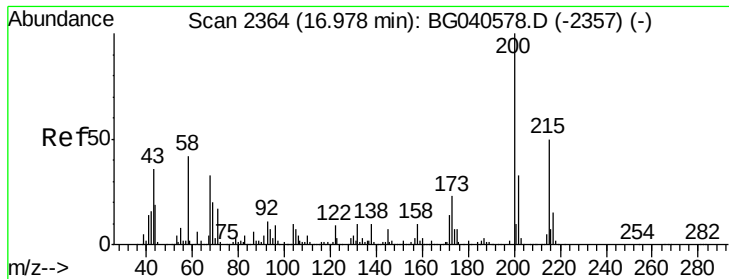
#68
 Hexachlorobenzene
 Concen: 41.945 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.6	40.0
249	35.2	26.0	39.0



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





#69

Atrazine

Concen: 46.467 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

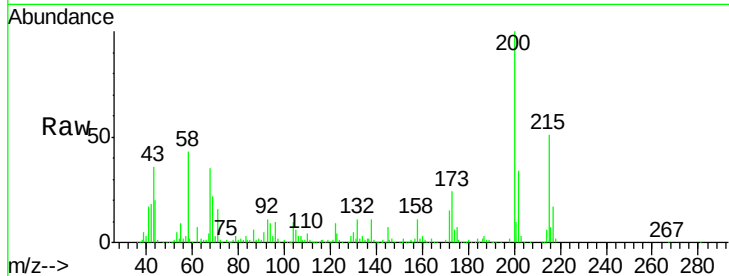
Tot Ion:200 Resp: 214282

Ion Ratio Lower Upper

200 100

173 23.7 2.8 42.8

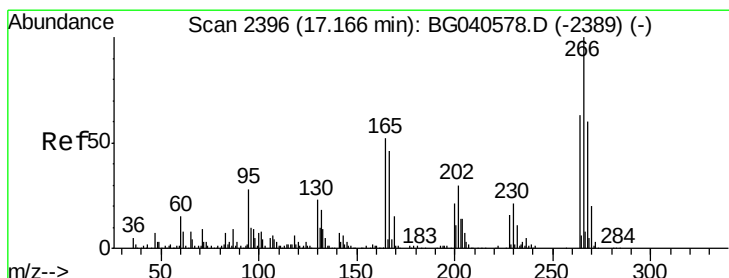
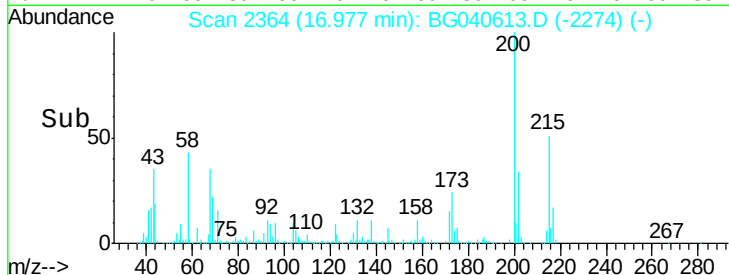
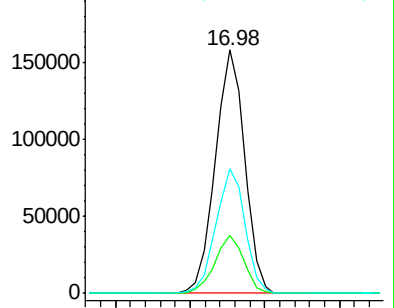
215 51.0 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 89.302 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

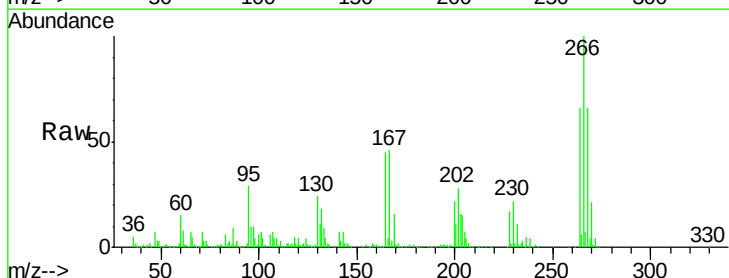
Tgt Ion:266 Resp: 266319

Ion Ratio Lower Upper

266 100

268 65.5 52.3 78.5

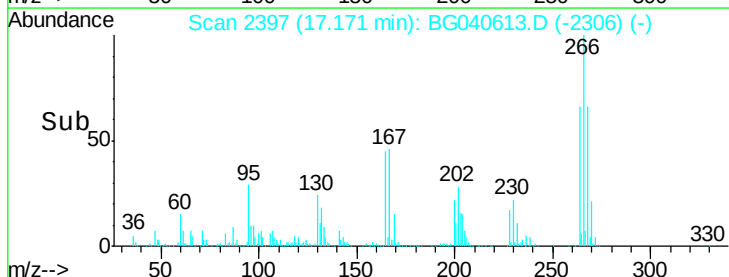
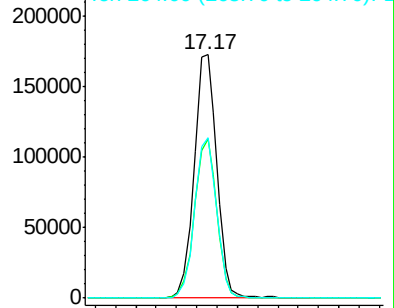
264 66.0 50.0 75.0

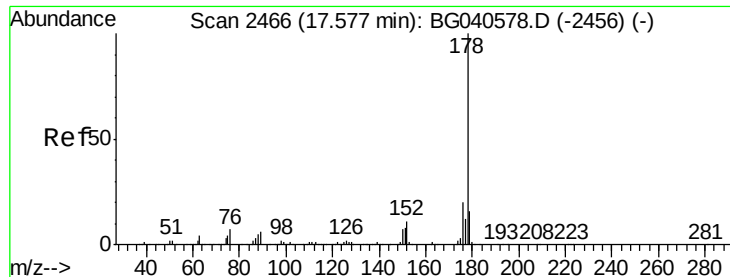


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

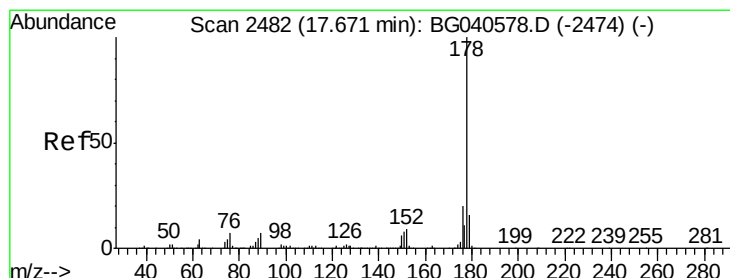
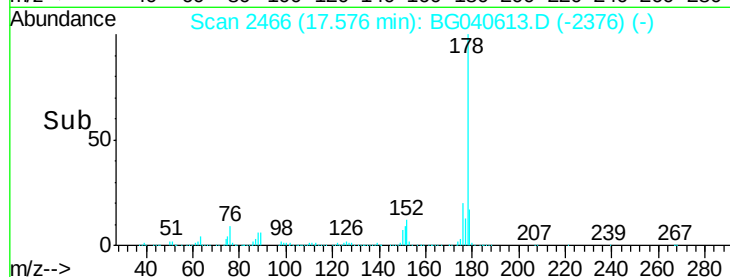
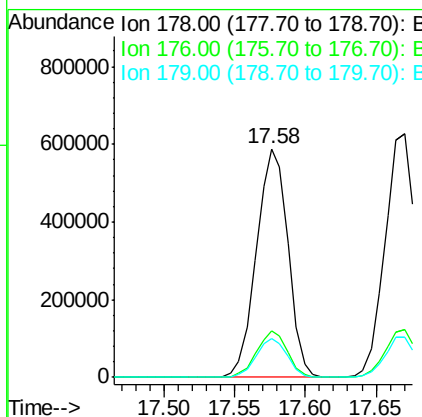
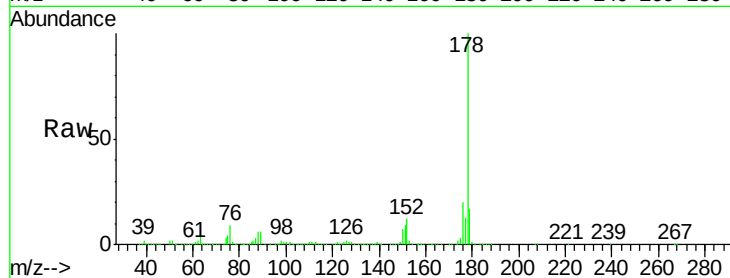




#71
Phenanthrene
Concen: 43.439 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

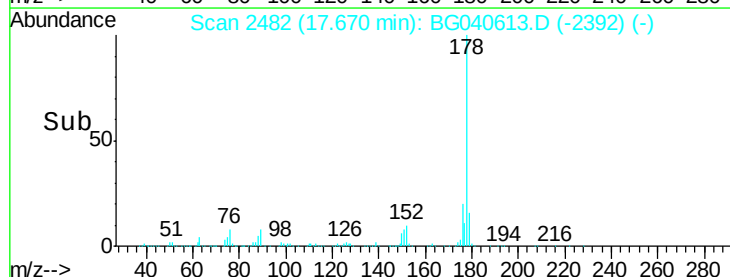
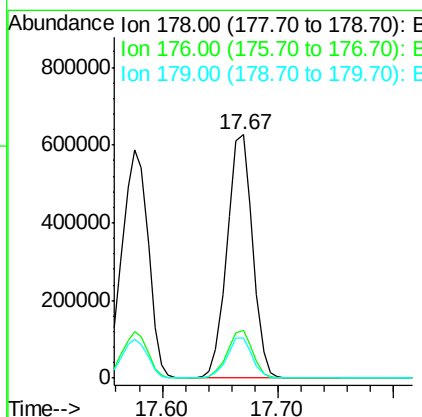
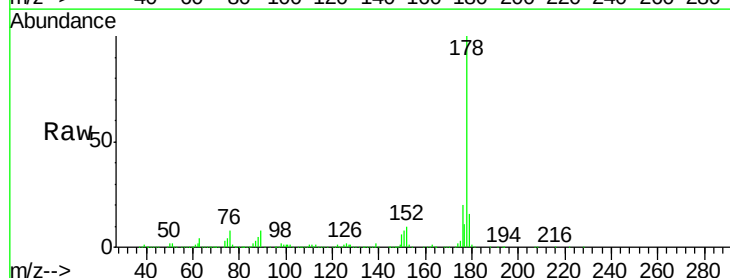
Instrument :
BNA_G
ClientSampleId :

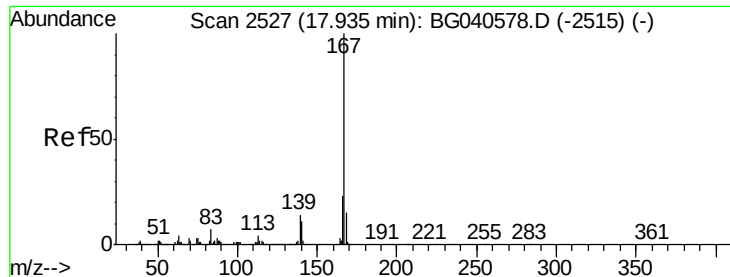
Tot Ion:178 Resp: 925638
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 17.2 12.6 18.8



#72
Anthracene
Concen: 44.754 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion:178 Resp: 958584
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.4 12.9 19.3





#73

Carbazole

Concen: 43.954 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

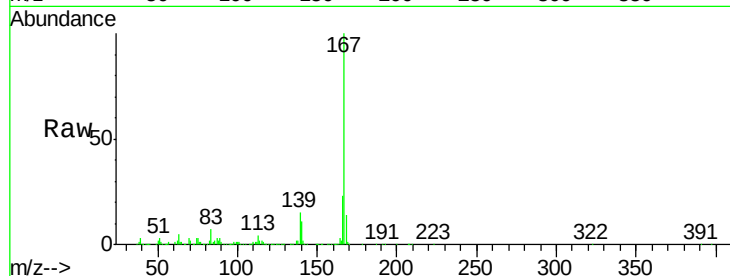
Tot Ion:167 Resp: 857719

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

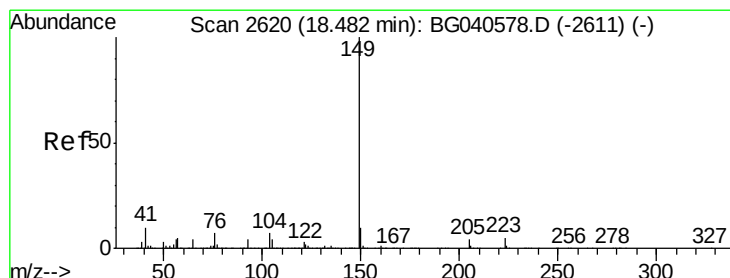
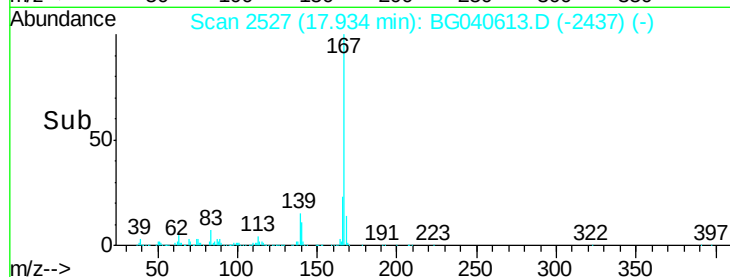
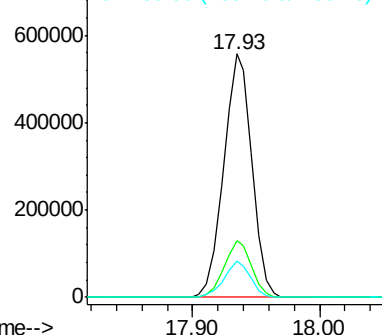
139 14.7 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.299 ng

RT: 18.47 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

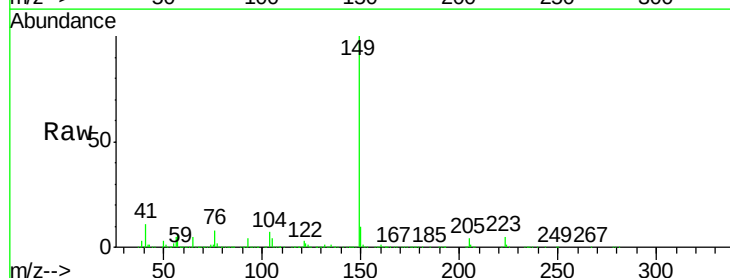
Tgt Ion:149 Resp: 1043386

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

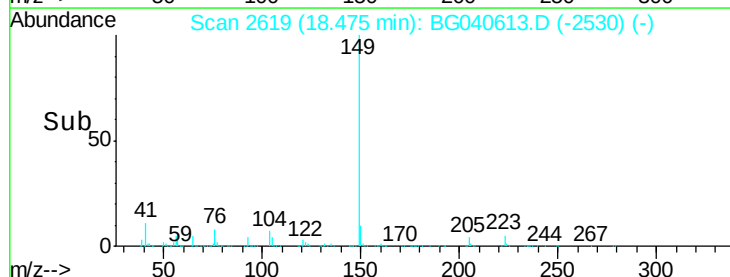
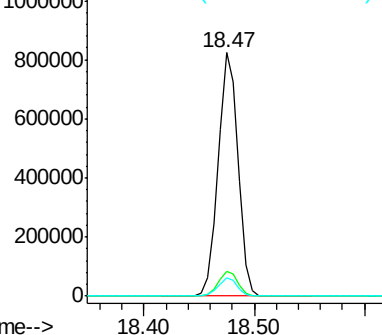
104 7.4 5.4 8.2

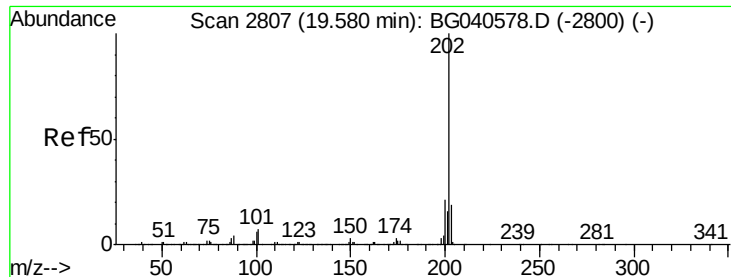


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.678 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

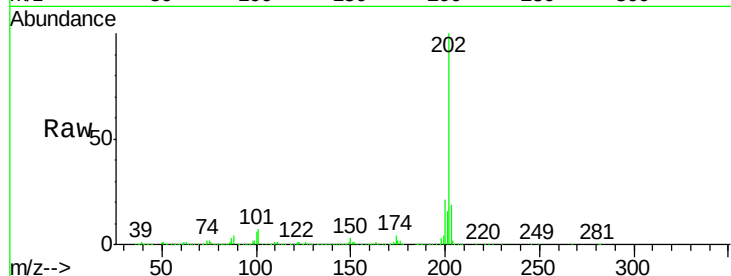
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1186395

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.5
203	18.9	0.0	39.3

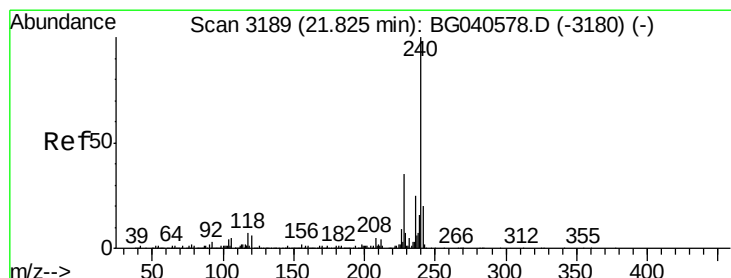
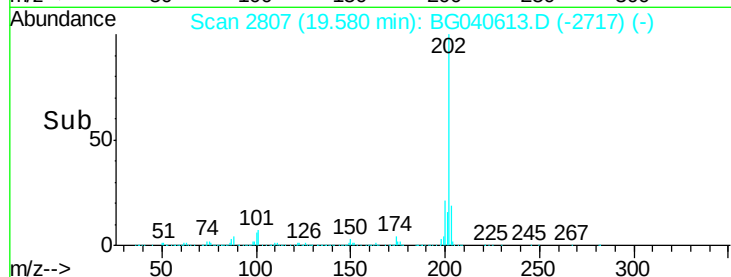
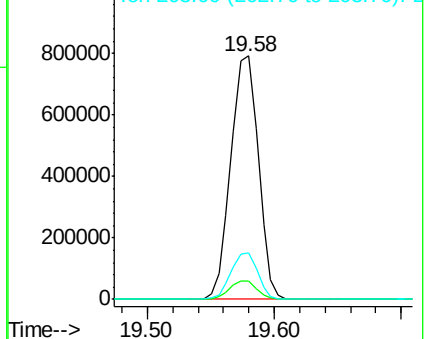


Abundance

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: 21.82 min Scan# 3189

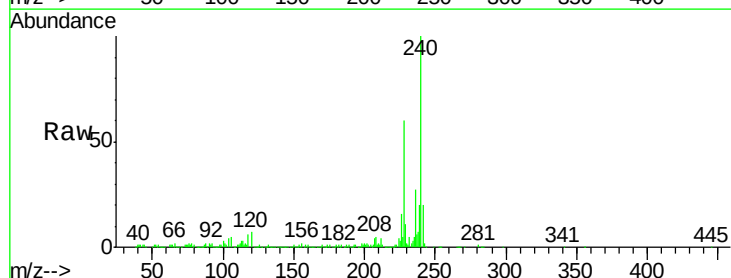
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:240 Resp: 384945

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.0	7.6
236	27.2	20.3	30.5

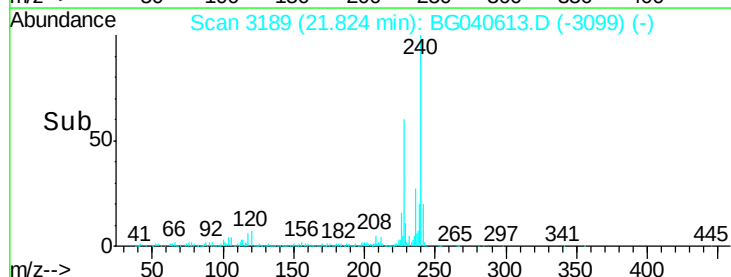
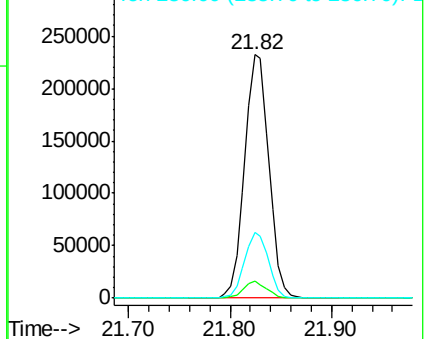


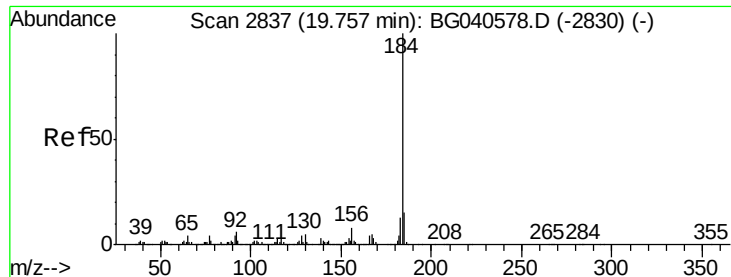
Abundance

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: 25.063 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

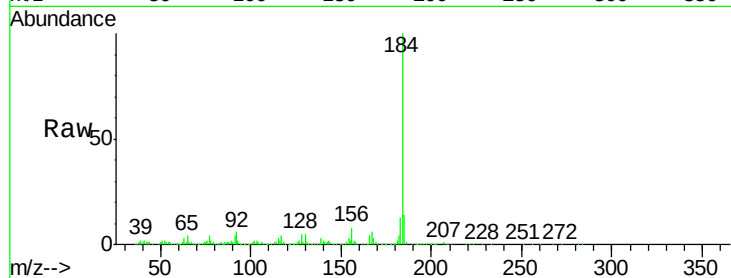
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 264160

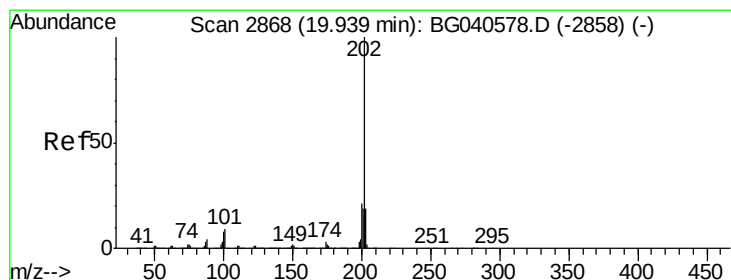
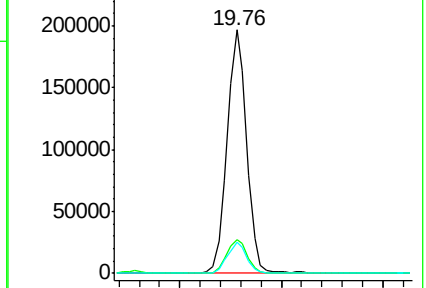
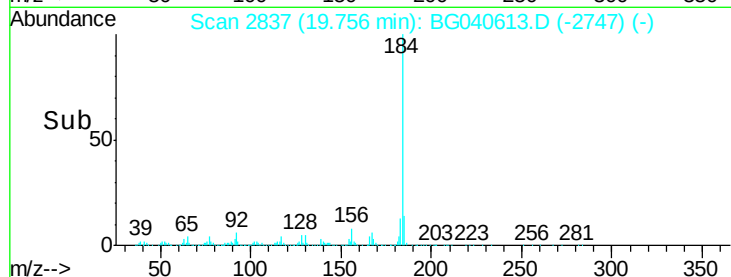
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	13.0	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.395 ng

RT: 19.94 min Scan# 2868

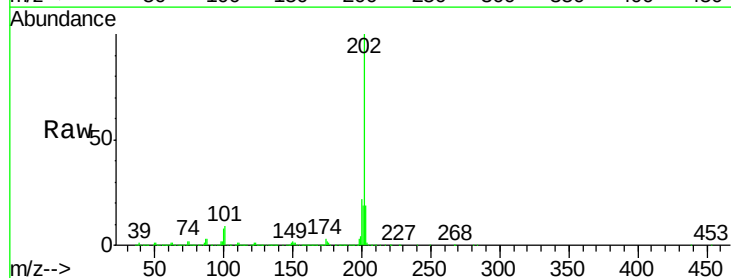
Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:202 Resp: 1191739

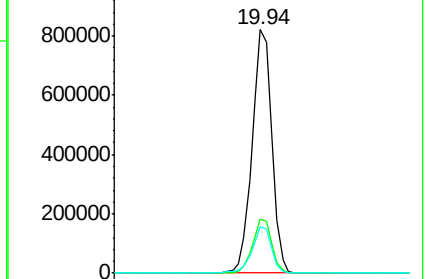
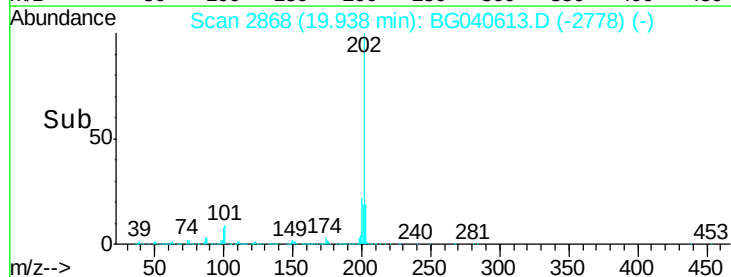
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	18.9	15.0	22.4

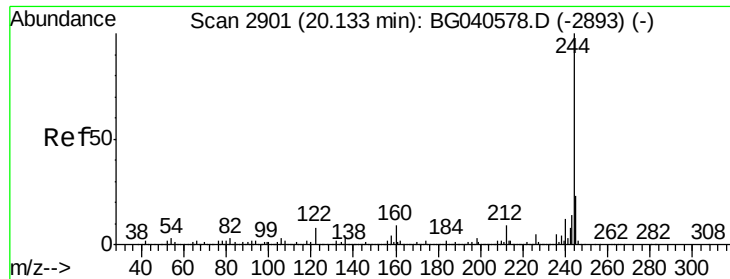


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



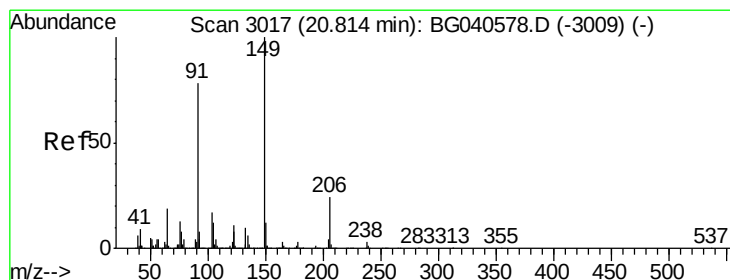
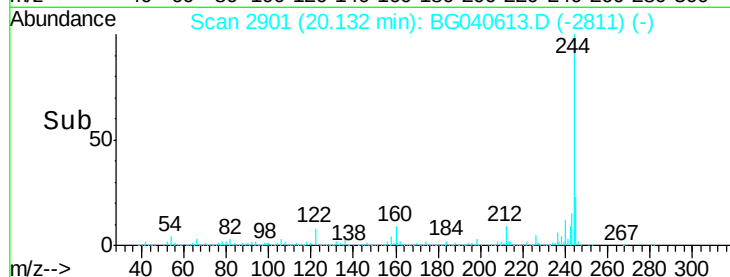
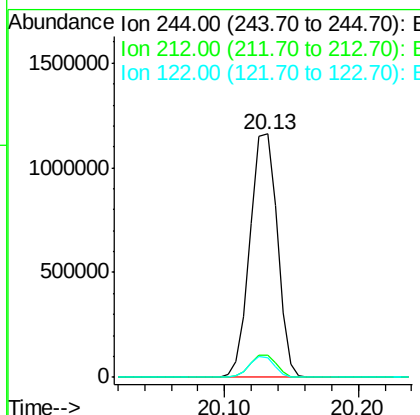
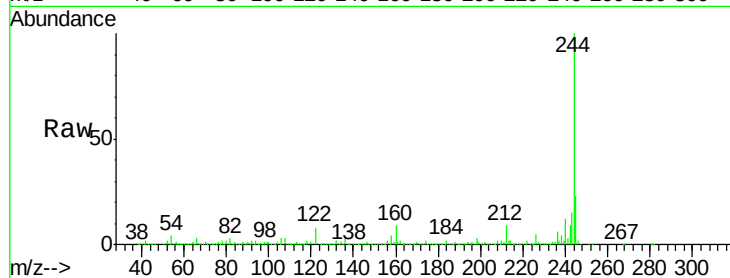


#79
 Terphenyl-d14
 Concen: 94.226 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1637235

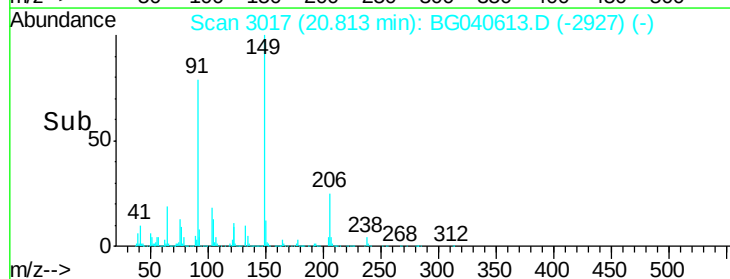
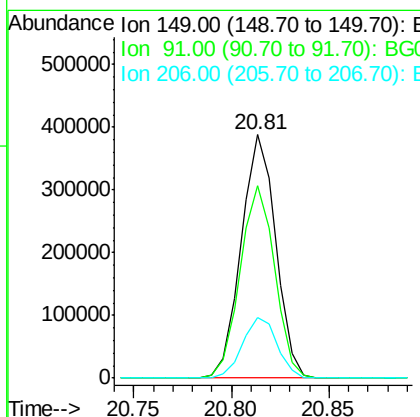
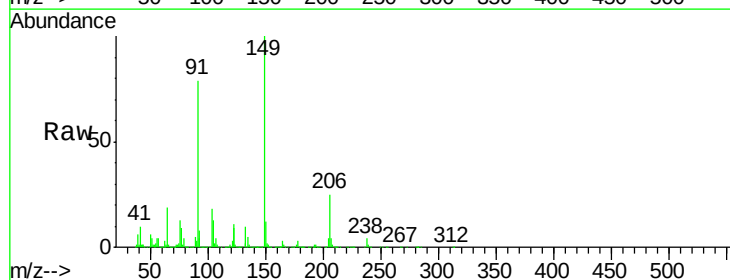
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	7.9	6.6	10.0

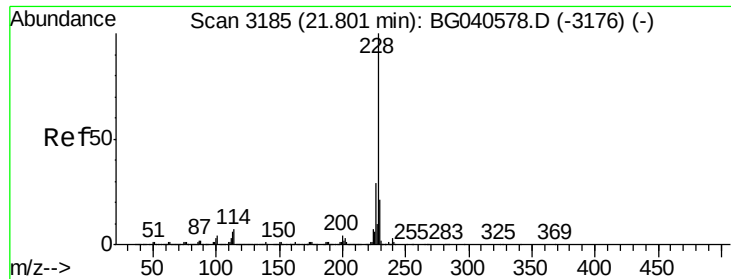


#80
 Butylbenzylphthalate
 Concen: 50.439 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion:149 Resp: 474302

Ion	Ratio	Lower	Upper
149	100		
91	78.8	62.6	93.8
206	24.7	19.4	29.2





#81

Benzo(a)anthracene

Concen: 46.988 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

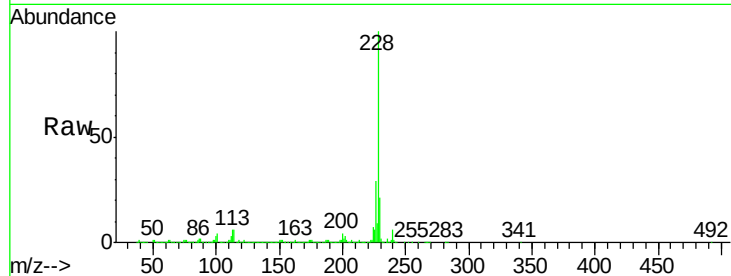
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1143160

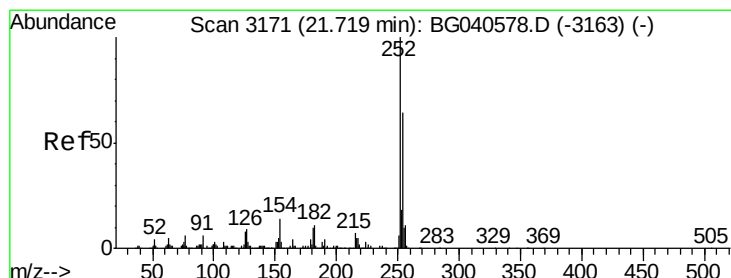
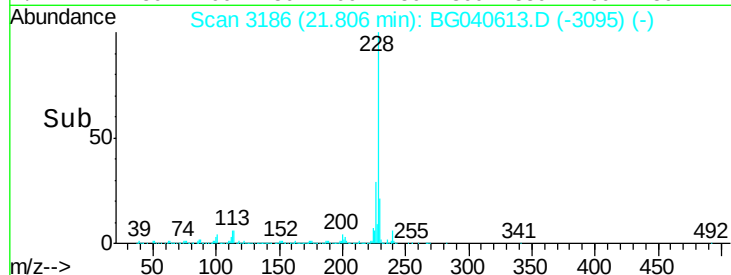
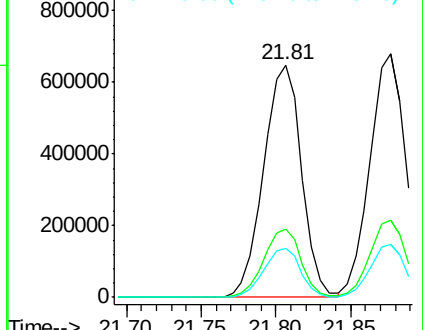
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	21.0	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.826 ng

RT: 21.71 min Scan# 3170

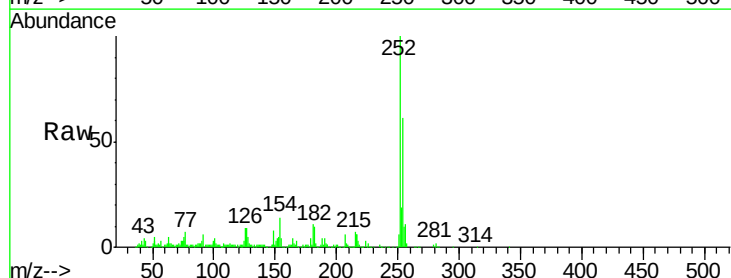
Delta R.T. -0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Tgt Ion:252 Resp: 154578

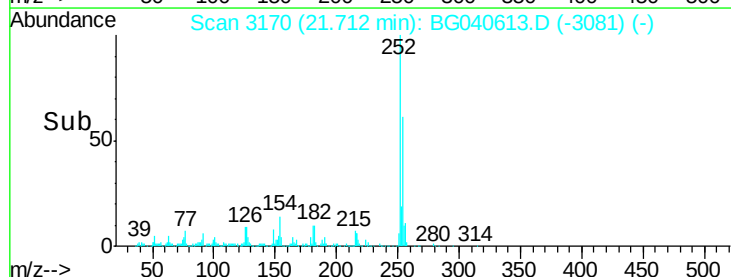
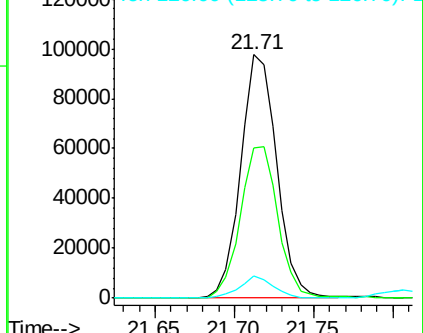
Ion	Ratio	Lower	Upper
252	100		
254	61.5	51.2	76.8
126	9.3	6.6	10.0

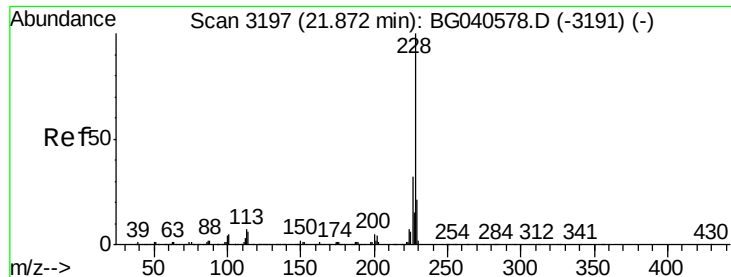


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



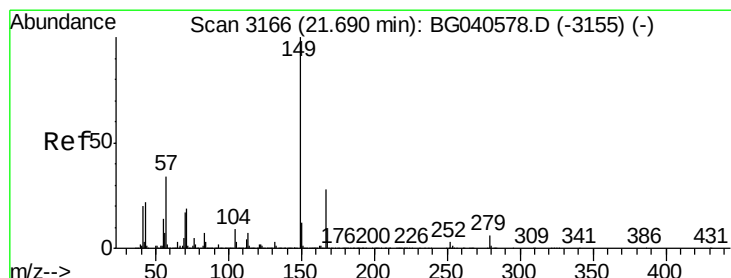
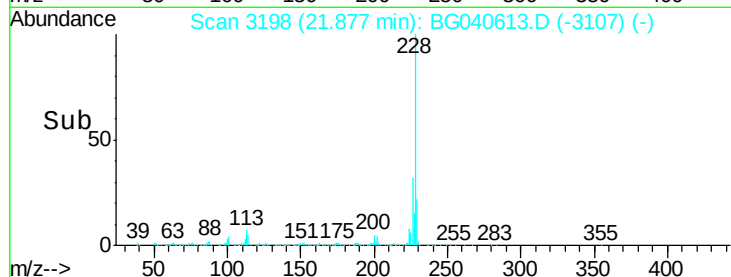
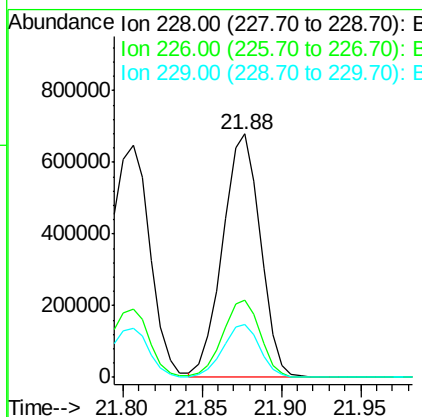
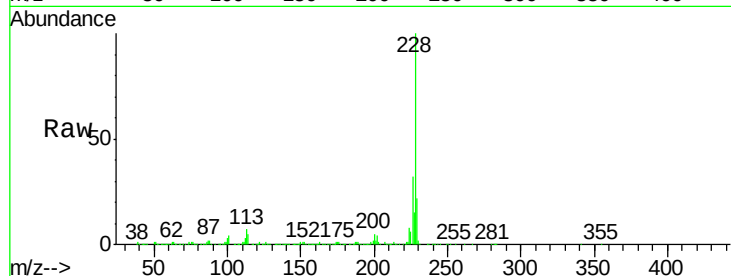


#83
 Chrysene
 Concen: 48.311 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. 0.01 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1117793

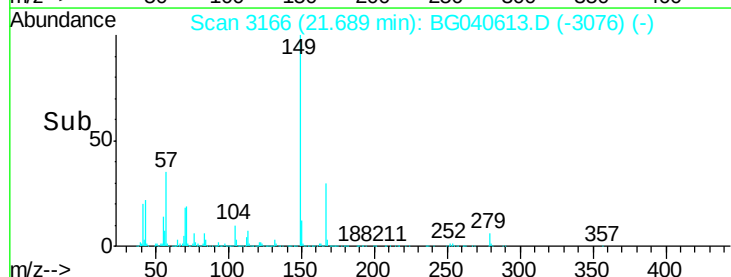
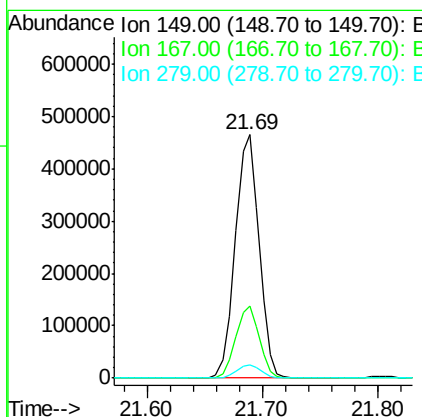
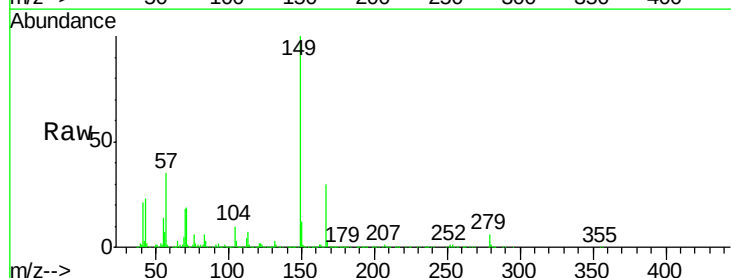
Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	21.9	16.8	25.2

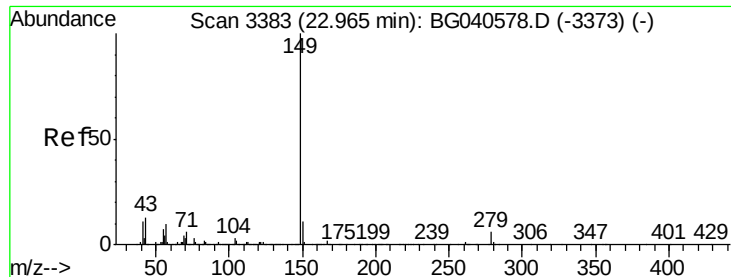


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.670 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG040613.D
 Acq: 25 Apr 2019 16:45

Tgt Ion:149 Resp: 660640

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.4	33.6
279	5.6	4.6	6.8

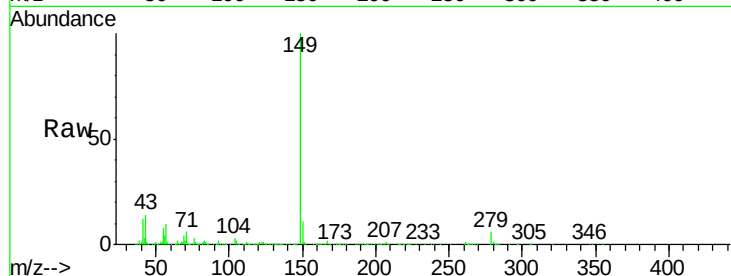




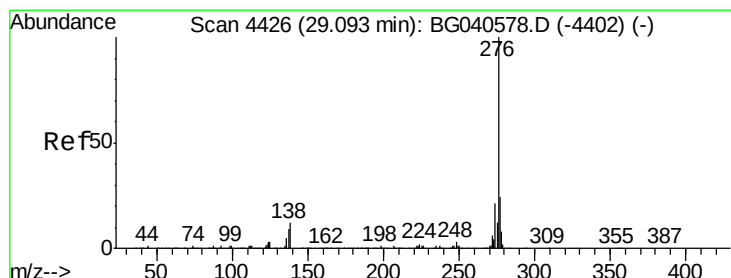
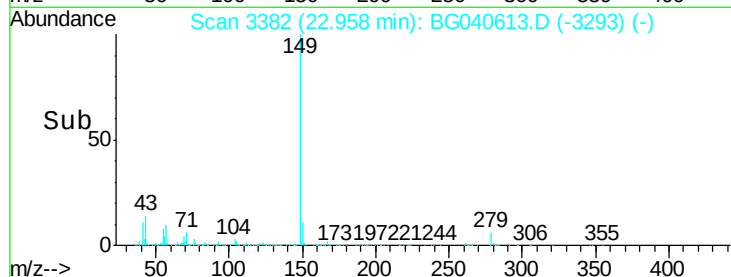
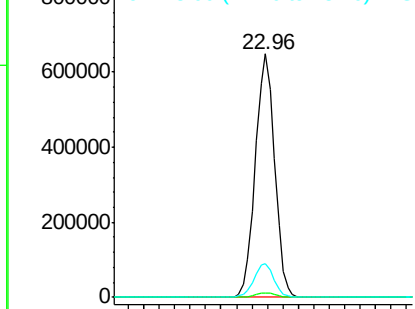
#85
Di-n-octyl phthalate
Concen: 49.952 ng
RT: 22.96 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1141926
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 13.7 10.2 15.2

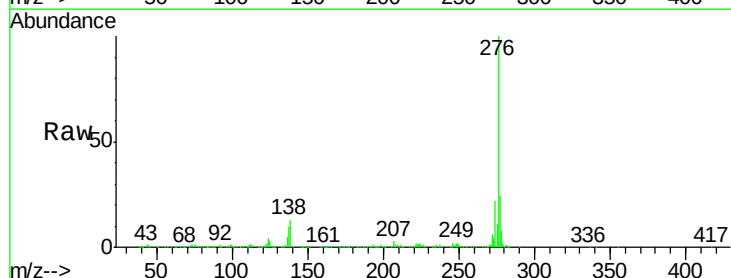


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

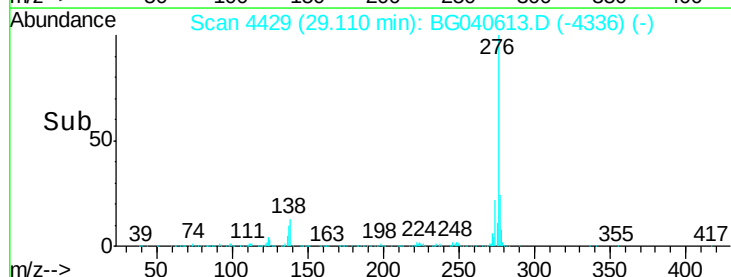
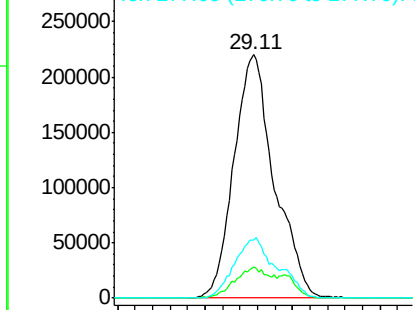


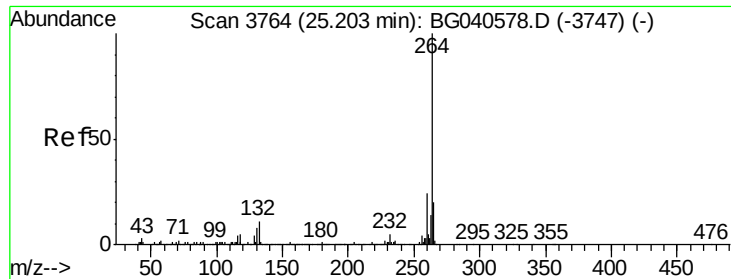
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.366 ng
RT: 29.11 min Scan# 4429
Delta R.T. 0.02 min
Lab File: BG040613.D
Acq: 25 Apr 2019 16:45

Tgt Ion:276 Resp: 1380970
Ion Ratio Lower Upper
276 100
138 10.1 9.8 14.6
277 26.2 17.3 25.9#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

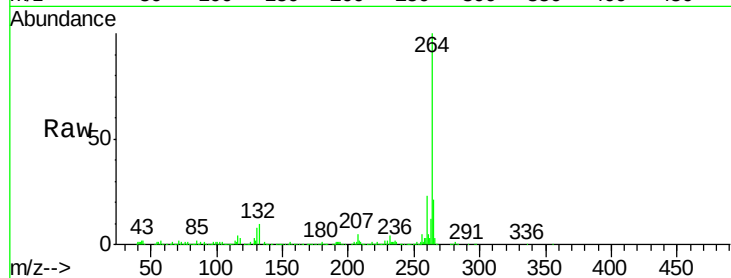
Tot Ion:264 Resp: 420913

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

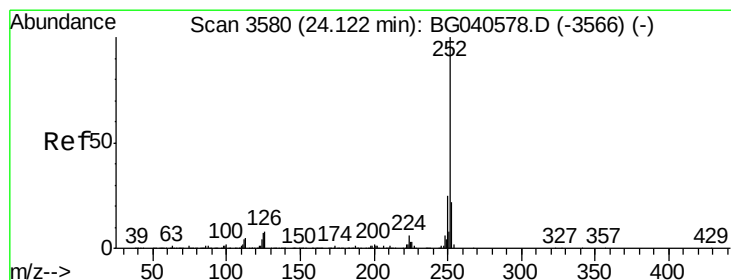
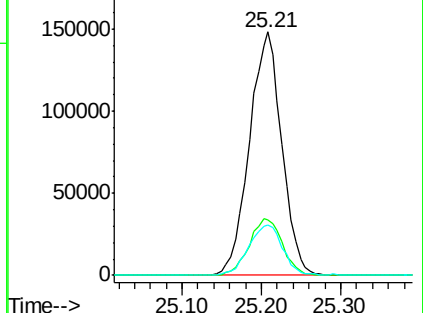
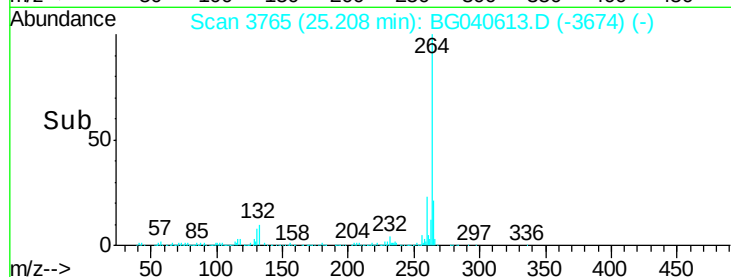
265 20.9 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.892 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

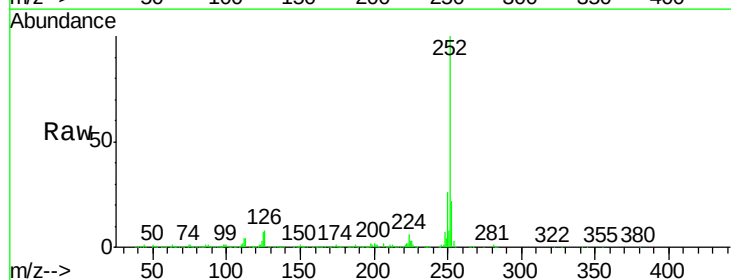
Tgt Ion:252 Resp: 1180416

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

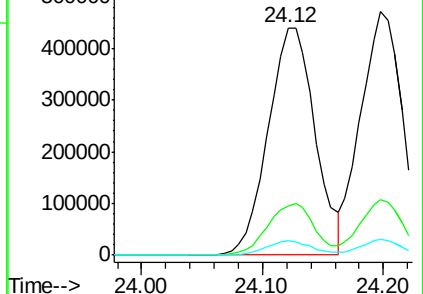
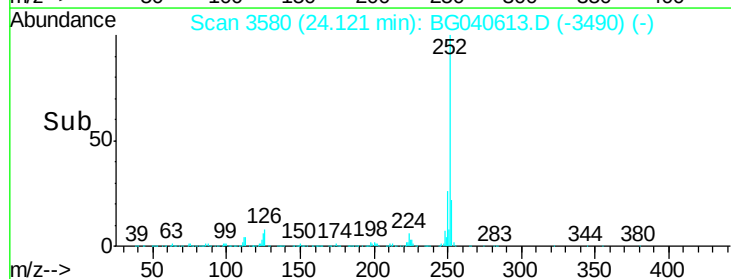
125 6.5 5.4 8.0

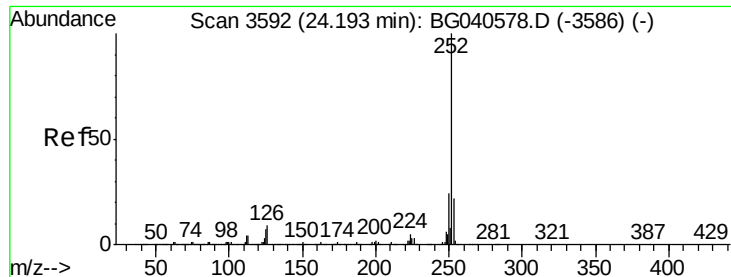


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.914 ng

RT: 24.20 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

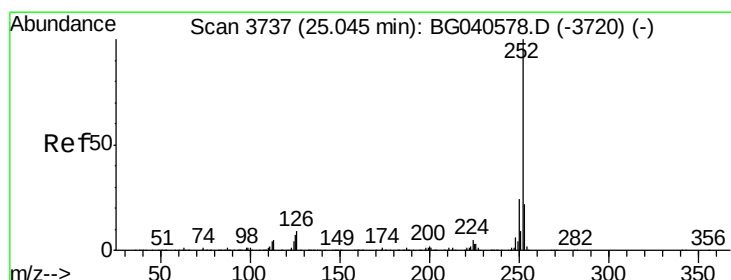
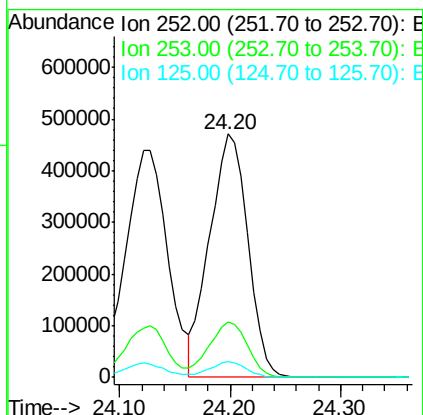
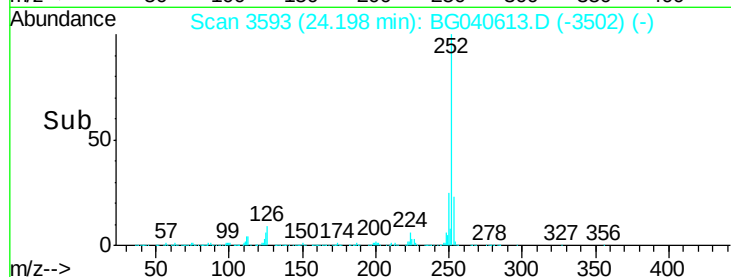
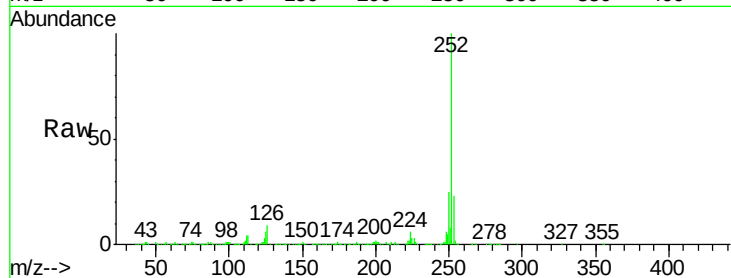
Tot Ion:252 Resp: 1126943

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 6.3 5.5 8.3



#90

Benzo(a)pyrene

Concen: 46.981 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

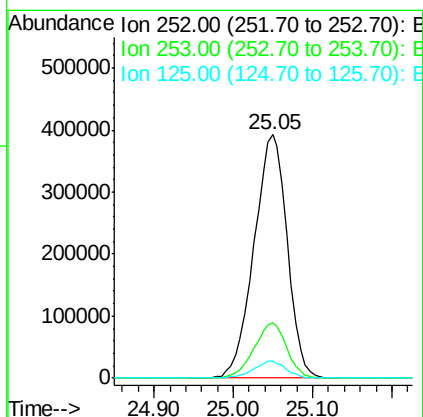
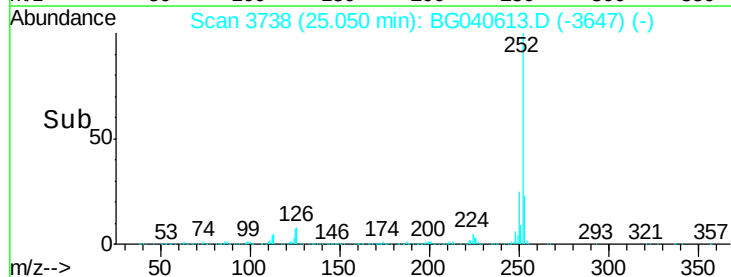
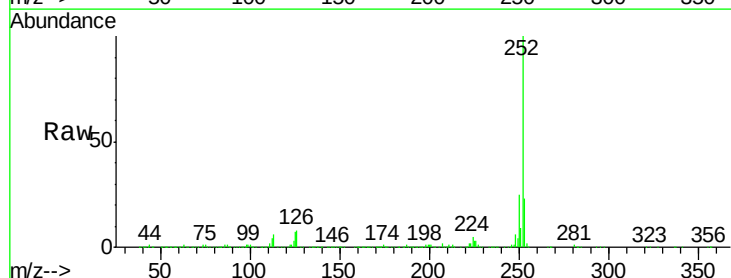
Tgt Ion:252 Resp: 1143870

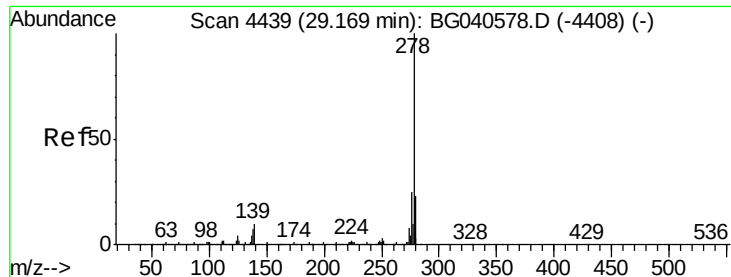
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.858 ng

RT: 29.18 min Scan# 4441

Delta R.T. 0.01 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

Instrument :

BNA_G

ClientSampleId :

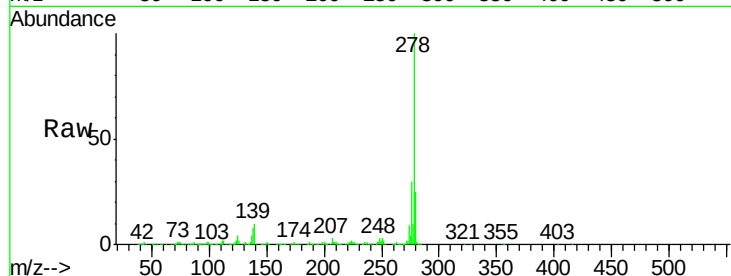
Tot Ion:278 Resp: 1129878

Ion Ratio Lower Upper

278 100

139 9.7 8.2 12.4

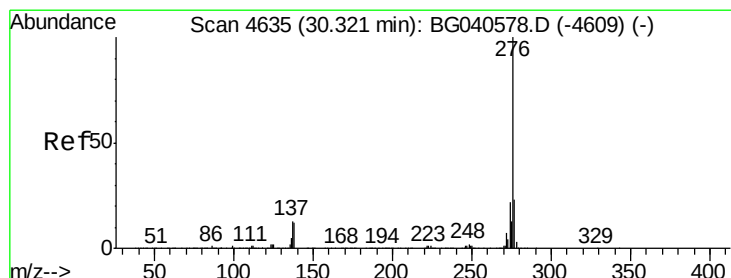
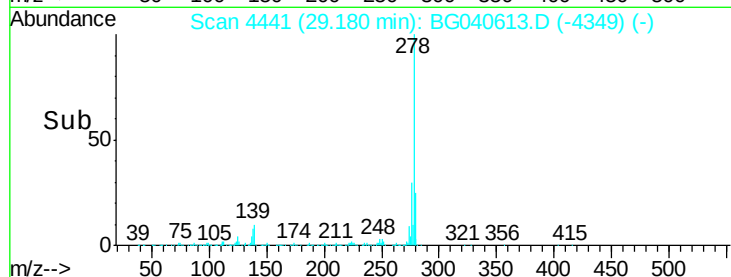
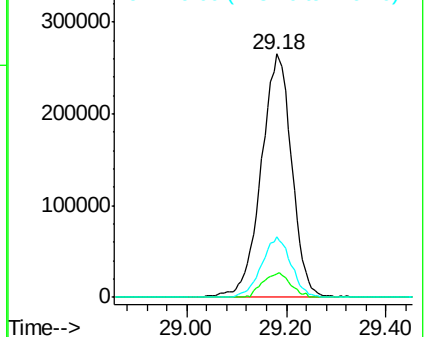
279 24.9 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.834 ng

RT: 30.34 min Scan# 4638

Delta R.T. 0.02 min

Lab File: BG040613.D

Acq: 25 Apr 2019 16:45

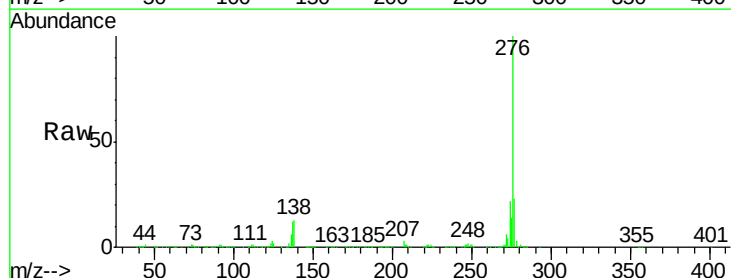
Tgt Ion:276 Resp: 1123925

Ion Ratio Lower Upper

276 100

277 22.6 18.4 27.6

138 13.0 9.8 14.6



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

