

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042453.D
 Acq On : 24 Aug 2019 5:45
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 04:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56666	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	235597	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	162972	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	358694	20.00	ng	0.00
76) Chrysene-d12	21.70	240	355756	20.00	ng	0.00
87) Perylene-d12	24.93	264	424214	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	242045	86.51	ng	0.00
7) Phenol-d6	7.17	99	323487	85.59	ng	0.00
23) Nitrobenzene-d5	9.17	82	285949	83.87	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	162501	70.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	815190	84.60	ng	0.00
79) Terphenyl-d14	20.03	244	1313041	79.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	52133	44.649	ng	96
3) Pyridine	3.82	79	139245	46.507	ng	96
4) n-Nitrosodimethylamine	3.74	42	46556	43.536	ng	94
6) Aniline	7.32	93	209410	41.543	ng	98
8) 2-Chlorophenol	7.57	128	140547	41.449	ng	96
9) Benzaldehyde	7.13	77	84117	44.457	ng	97
10) Phenol	7.20	94	166281	43.273	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	131615	43.612	ng	95
12) 1,3-Dichlorobenzene	7.89	146	175596	40.707	ng	98
13) 1,4-Dichlorobenzene	8.04	146	179307	41.037	ng	94
14) 1,2-Dichlorobenzene	8.36	146	170681	40.790	ng	99
15) Benzyl Alcohol	8.24	79	109811	40.386	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	185476	45.345	ng	98
17) 2-Methylphenol	8.45	107	114978	40.624	ng	97
18) Hexachloroethane	9.09	117	56608	37.844	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	100774	41.158	ng	97
20) 3+4-Methylphenols	8.78	107	161971	41.357	ng	98
22) Acetophenone	8.83	105	209306	41.537	ng	# 99
24) Nitrobenzene	9.21	77	145381	42.110	ng	99
25) Isophorone	9.73	82	277025	41.173	ng	96
26) 2-Nitrophenol	9.93	139	82074	37.936	ng	95
27) 2,4-Dimethylphenol	9.99	122	121416	40.740	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	180954	42.670	ng	99
29) 2,4-Dichlorophenol	10.48	162	155394	39.853	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	186546	38.977	ng	99
31) Naphthalene	10.87	128	448248	40.980	ng	99
32) Benzoic acid	10.13	122	67387	34.023	ng	92
33) 4-Chloroaniline	10.98	127	204427	40.486	ng	99
34) Hexachlorobutadiene	11.16	225	122866	38.198	ng	99
35) Caprolactam	11.76	113	50895	39.118	ng	# 86
36) 4-Chloro-3-methylphenol	12.11	107	148425	40.099	ng	99
37) 2-Methylnaphthalene	12.48	142	348960	39.732	ng	96
38) 1-Methylnaphthalene	12.70	142	331562	39.743	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	217385	41.536	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	46808	17.026	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	142767	40.357	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	149124	40.678	ng	97
46) 1,1'-Biphenyl	13.49	154	440995	41.861	ng	99
47) 2-Chloronaphthalene	13.54	162	380066	41.841	ng	98
48) 2-Nitroaniline	13.74	65	101330	46.260	ng	97
49) Acenaphthylene	14.38	152	580152	42.452	ng	99
50) Dimethylphthalate	14.11	163	473674	40.282	ng	99
51) 2,6-Dinitrotoluene	14.23	165	108512	39.811	ng	99
52) Acenaphthene	14.73	154	341693	41.177	ng	99
53) 3-Nitroaniline	14.56	138	115895	42.516	ng	93
54) 2,4-Dinitrophenol	14.78	184	20979	16.786	ng	98
55) Dibenzofuran	15.06	168	570280	41.517	ng	99
56) 4-Nitrophenol	14.89	139	79664	41.128	ng	94
57) 2,4-Dinitrotoluene	15.03	165	152426	39.053	ng	99
58) Fluorene	15.71	166	454020	40.435	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	138393	38.174	ng	# 89
60) Diethylphthalate	15.48	149	464578	40.415	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	267345	39.498	ng	98
62) 4-Nitroaniline	15.73	138	124812	42.782	ng	96
63) Azobenzene	15.99	77	347994	44.180	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	40128	17.844	ng	95
66) n-Nitrosodiphenylamine	15.92	169	414608	42.031	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	181255	39.838	ng	98
68) Hexachlorobenzene	16.73	284	194510	39.327	ng	95
69) Atrazine	16.86	200	126748	36.335	ng	99
70) Pentachlorophenol	17.07	266	90163	35.085	ng	99
71) Phenanthrene	17.46	178	743540	41.732	ng	99
72) Anthracene	17.55	178	753487	42.363	ng	99
73) Carbazole	17.82	167	675780	42.630	ng	99
74) Di-n-butylphthalate	18.37	149	810577	43.257	ng	99
75) Fluoranthene	19.47	202	920727	42.343	ng	99
77) Benzidine	19.65	184	384966	37.743	ng	100
78) Pyrene	19.83	202	919578	42.161	ng	100
80) Butylbenzylphthalate	20.71	149	375247	43.741	ng	95
81) Benzo(a)anthracene	21.67	228	912402	42.160	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	341830	39.274	ng	99
83) Chrysene	21.74	228	875645	41.955	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	531624	44.632	ng	96
85) Di-n-octyl phthalate	22.80	149	910967	44.467	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1095334	38.618	ng	98
88) Benzo(b)fluoranthene	23.91	252	970841	41.628	ng	99
89) Benzo(k)fluoranthene	23.98	252	944421	42.129	ng	99
90) Benzo(a)pyrene	24.79	252	930417	42.043	ng	98
91) Dibenzo(a,h)anthracene	28.71	278	896341	40.002	ng	98
92) Benzo(g,h,i)perylene	29.81	276	829508	37.014	ng	# 97

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

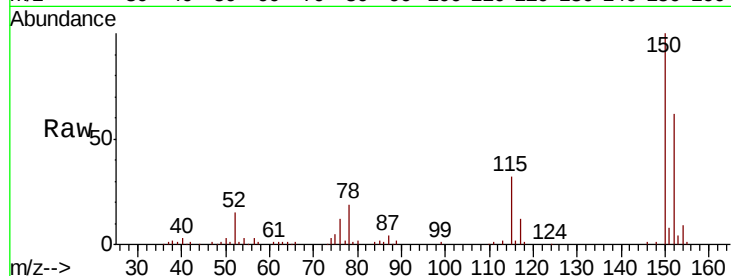


#1

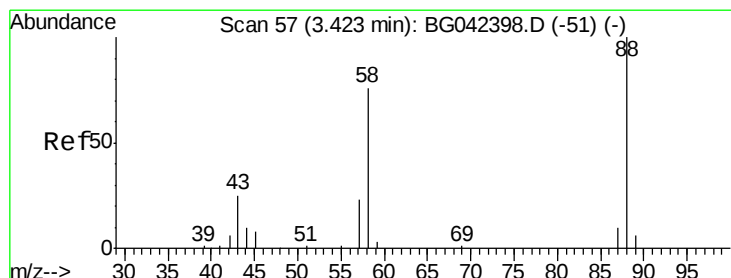
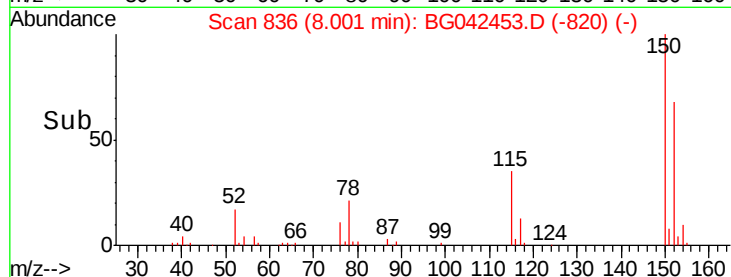
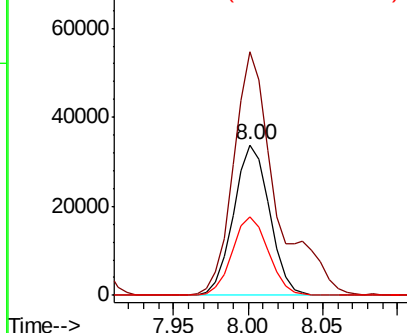
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56666
Ion Ratio Lower Upper
152 100
150 161.9 125.4 188.0
115 52.3 38.5 57.7



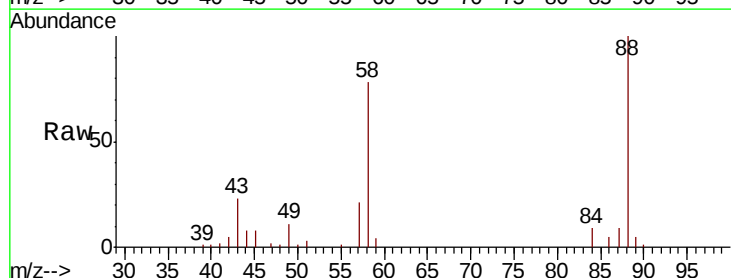
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



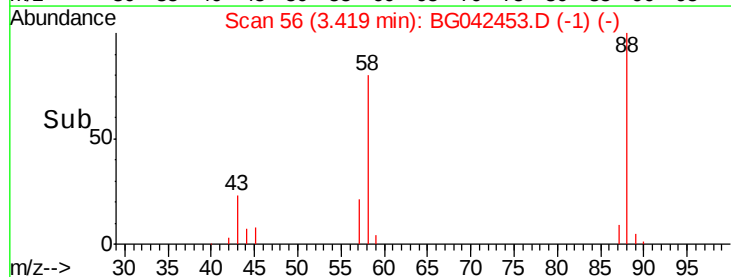
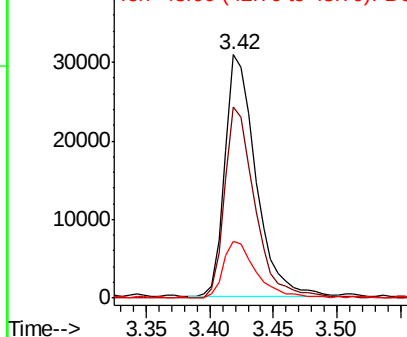
#2

1,4-Dioxane
Concen: 44.649 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion: 88 Resp: 52133
Ion Ratio Lower Upper
88 100
58 77.2 58.3 87.5
43 24.9 20.2 30.2



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: 46.507 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

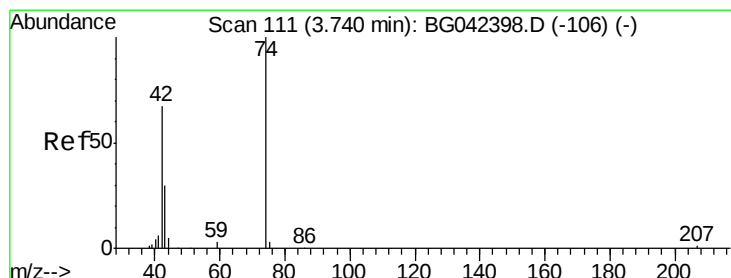
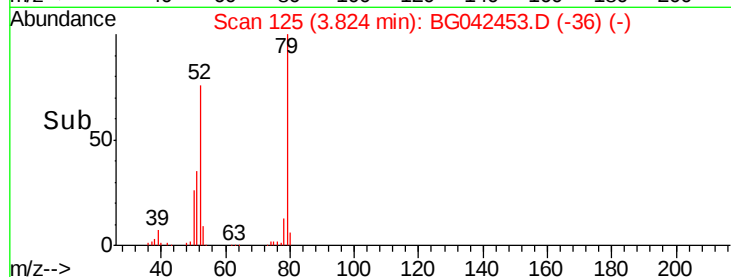
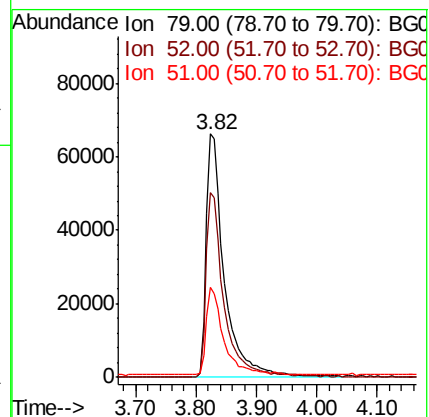
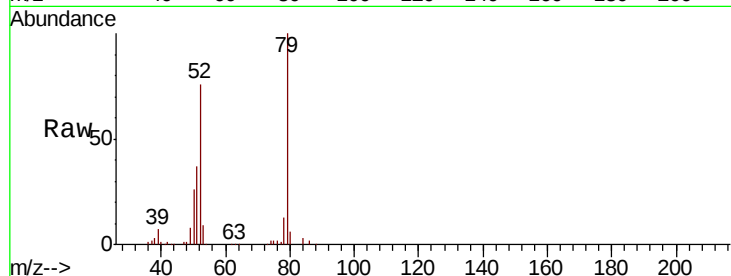
Tot Ion: 79 Resp: 139245

Ion Ratio Lower Upper

79 100

52 75.8 57.7 86.5

51 37.2 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 43.536 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

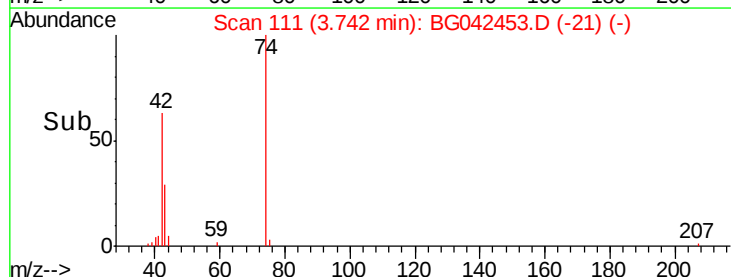
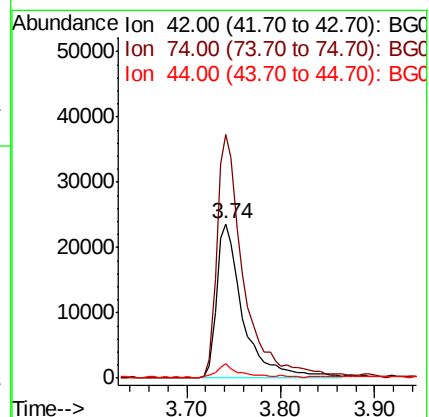
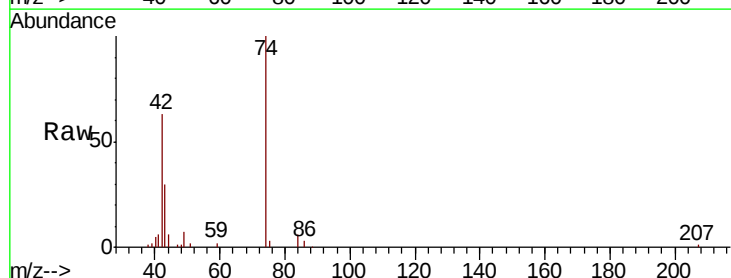
Tgt Ion: 42 Resp: 46556

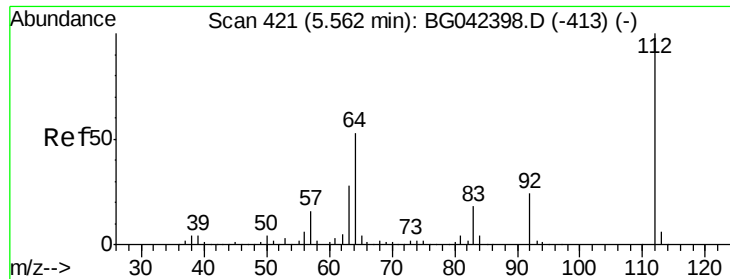
Ion Ratio Lower Upper

42 100

74 157.9 119.6 179.4

44 9.5 6.5 9.7





#5

2-Fluorophenol

Concen: 86.509 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

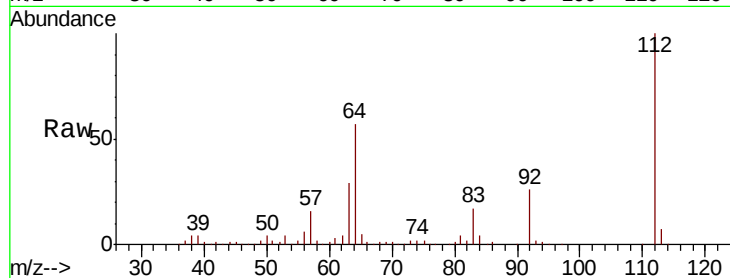
Tot Ion: 112 Resp: 242045

Ion Ratio Lower Upper

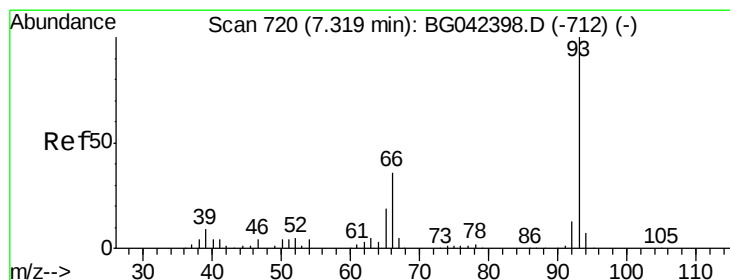
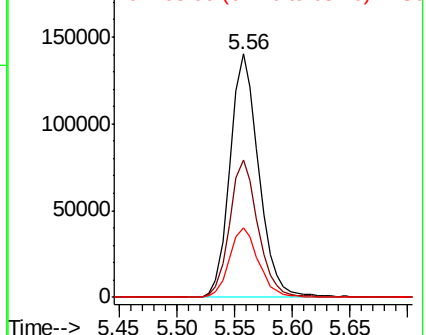
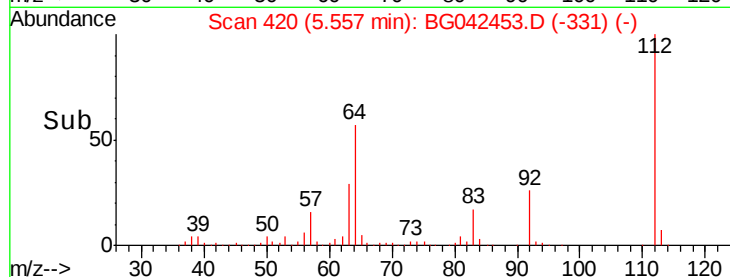
112 100

64 56.6 42.8 64.2

63 28.7 22.7 34.1



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



#6

Aniline

Concen: 41.543 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

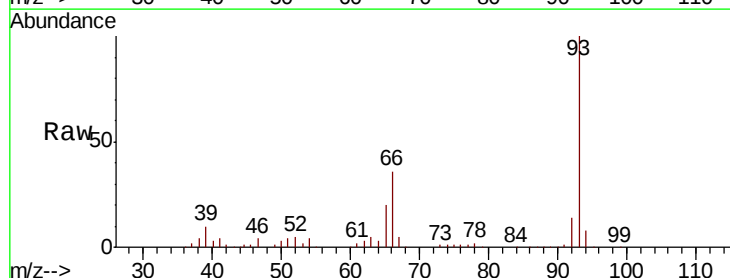
Tgt Ion: 93 Resp: 209410

Ion Ratio Lower Upper

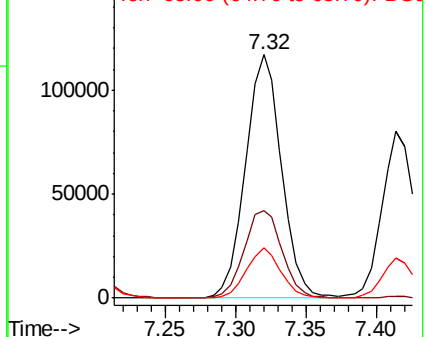
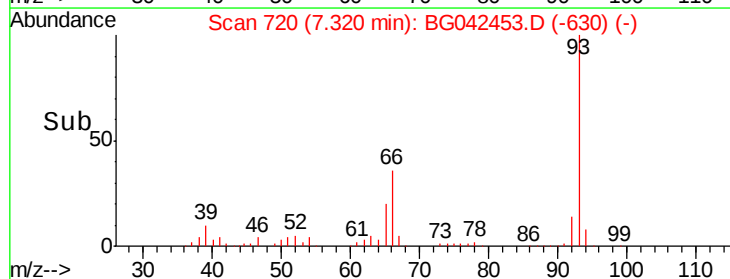
93 100

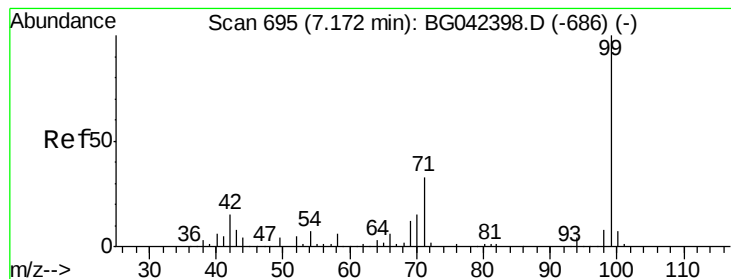
66 35.7 29.0 43.6

65 20.5 15.2 22.8



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: 85.593 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampled :

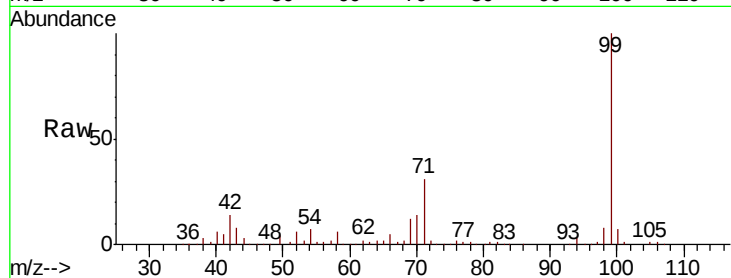
Tot Ion: 99 Resp: 323487

Ion Ratio Lower Upper

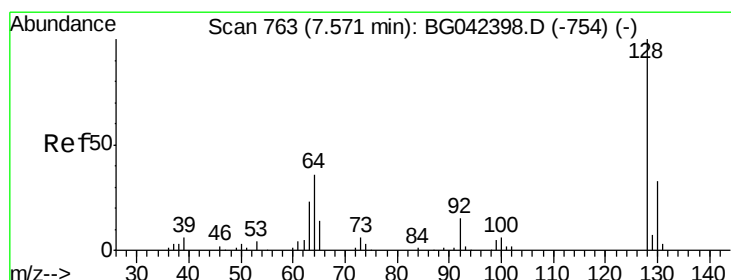
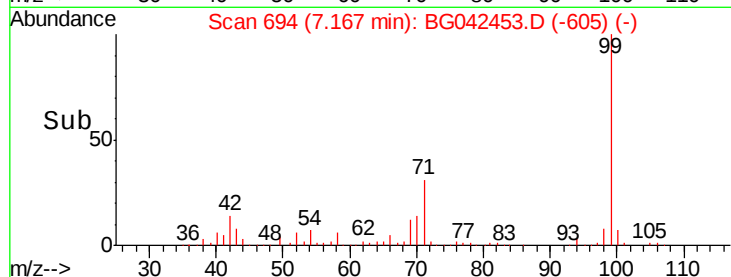
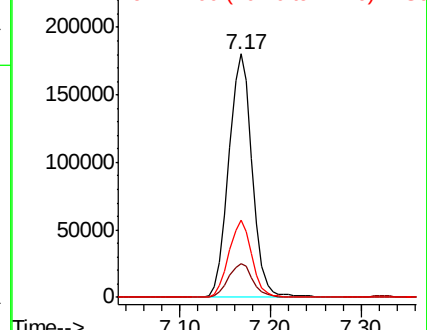
99 100

42 13.8 12.0 18.0

71 31.5 26.3 39.5



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: 41.449 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

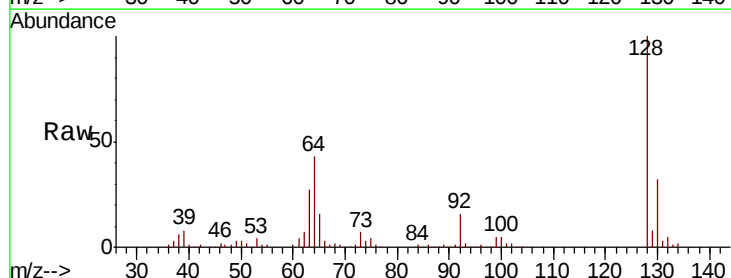
Tgt Ion: 128 Resp: 140547

Ion Ratio Lower Upper

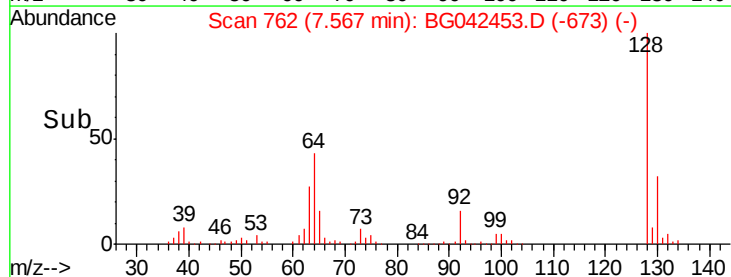
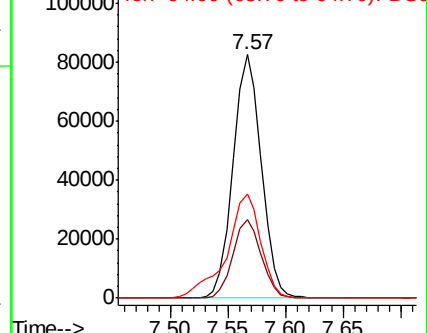
128 100

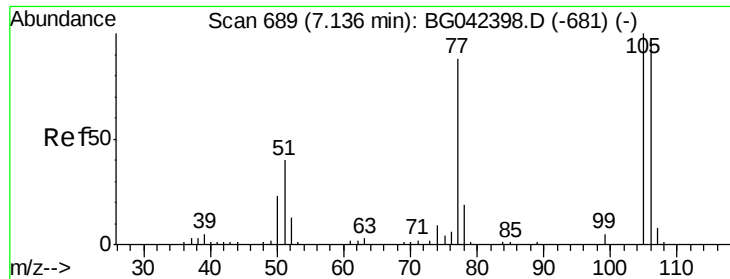
130 32.0 12.8 52.8

64 42.6 19.2 59.2



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





#9

Benzaldehyde

Concen: 44.457 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

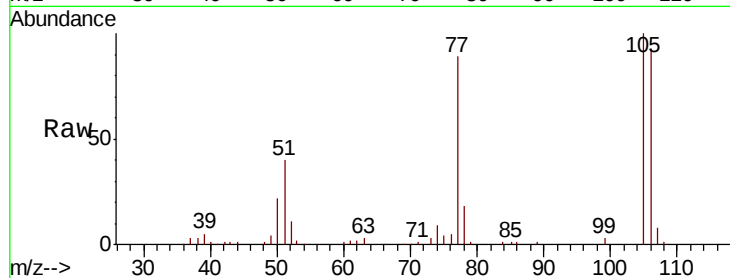
Tot Ion: 77 Resp: 84117

Ion Ratio Lower Upper

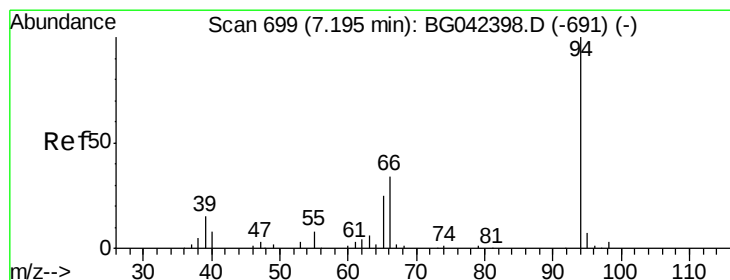
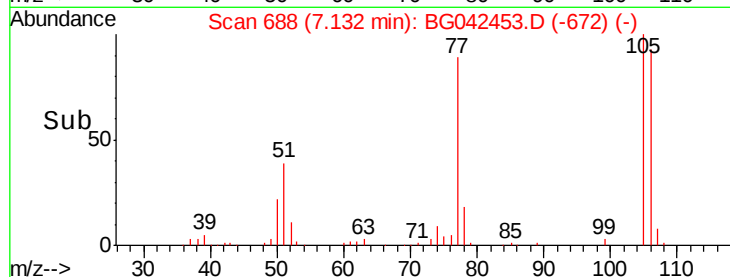
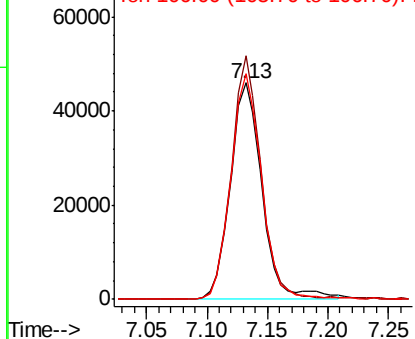
77 100

105 112.4 93.4 133.4

106 104.0 88.4 128.4



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: 43.273 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

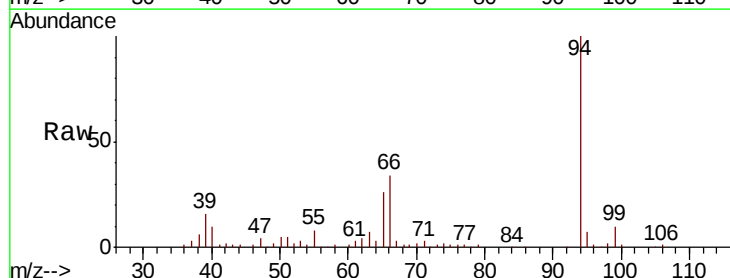
Tgt Ion: 94 Resp: 166281

Ion Ratio Lower Upper

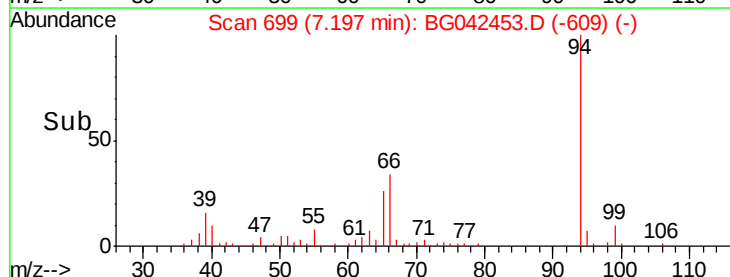
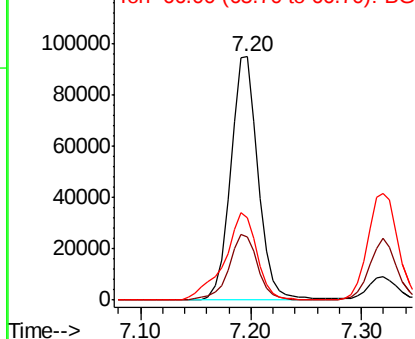
94 100

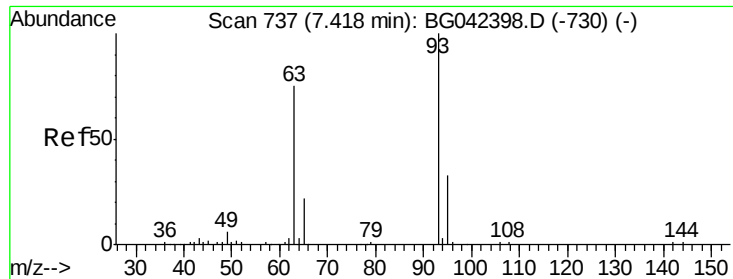
65 26.0 5.6 45.6

66 33.6 16.0 56.0



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

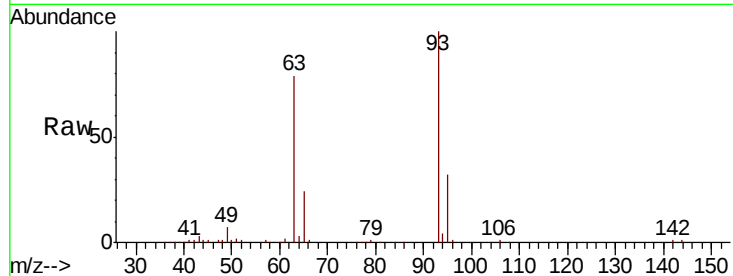




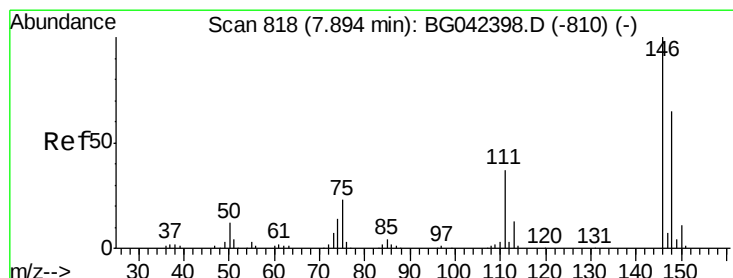
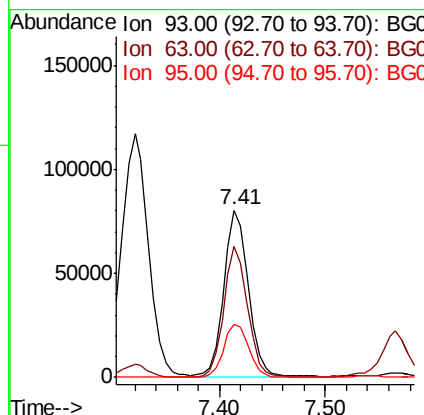
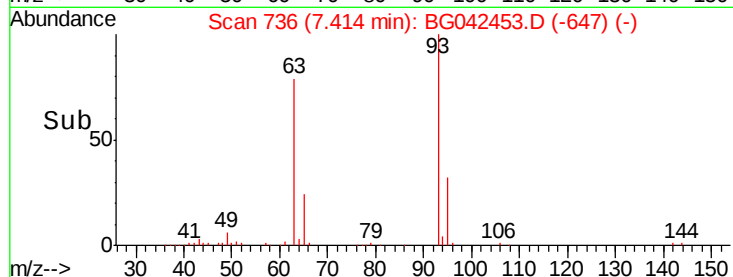
#11
bis(2-Chloroethyl)ether
Concen: 43.612 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 131615
Ion Ratio Lower Upper
93 100
63 78.5 53.8 93.8
95 31.8 13.1 53.1

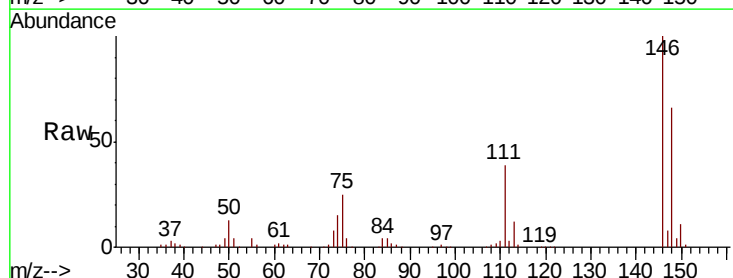


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

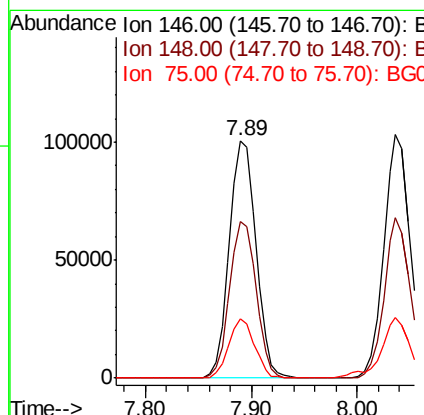
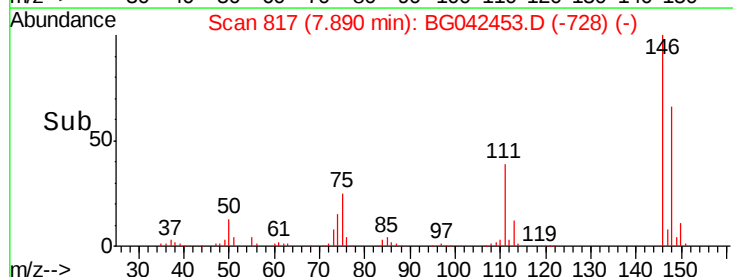


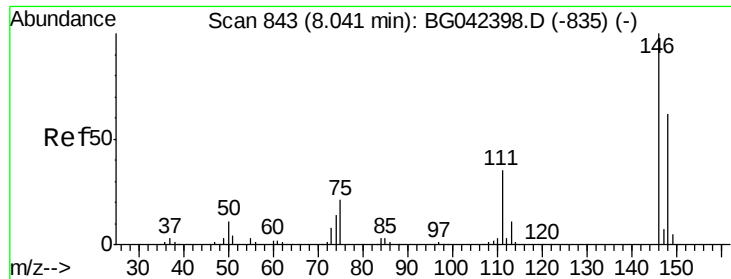
#12
1,3-Dichlorobenzene
Concen: 40.707 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion: 146 Resp: 175596
Ion Ratio Lower Upper
146 100
148 65.9 52.2 78.2
75 25.2 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

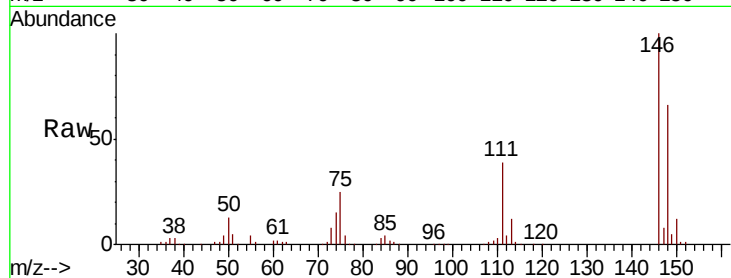




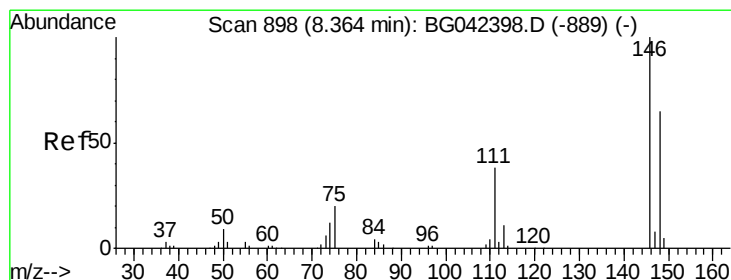
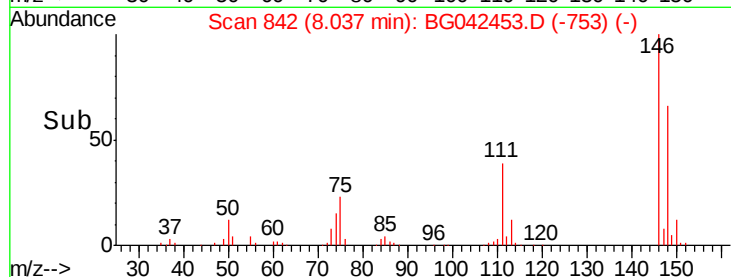
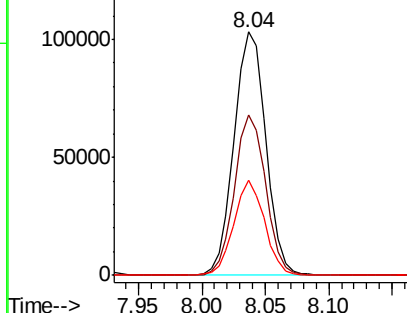
#13
 1,4-Dichlorobenzene
 Concen: 41.037 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.5	74.3
111	38.9	28.1	42.1

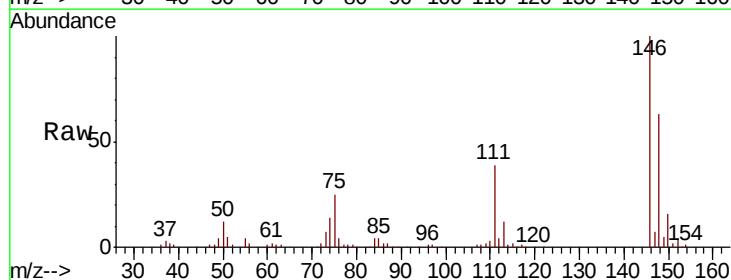


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

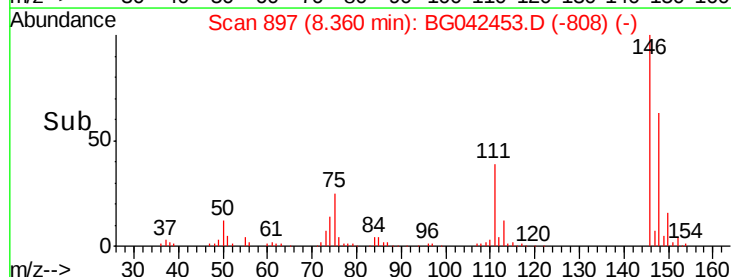
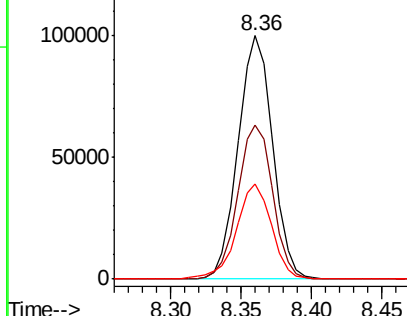


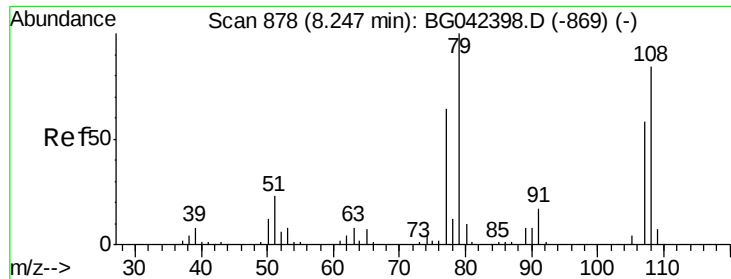
#14
 1,2-Dichlorobenzene
 Concen: 40.790 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
111	39.1	30.9	46.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.386 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :
BNA_G
ClientSampleId :

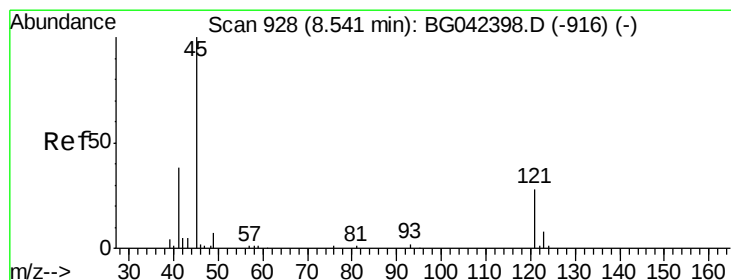
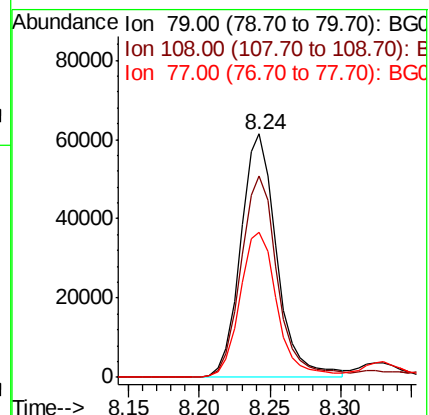
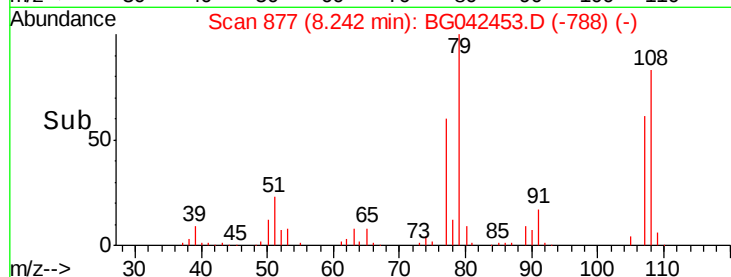
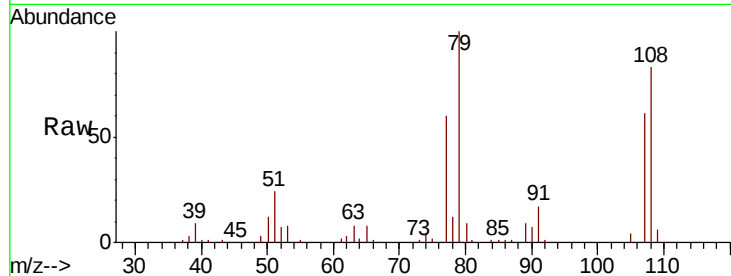
Tot Ion: 79 Resp: 109811

Ion Ratio Lower Upper

79 100

108 82.6 67.4 101.2

77 59.6 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.345 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

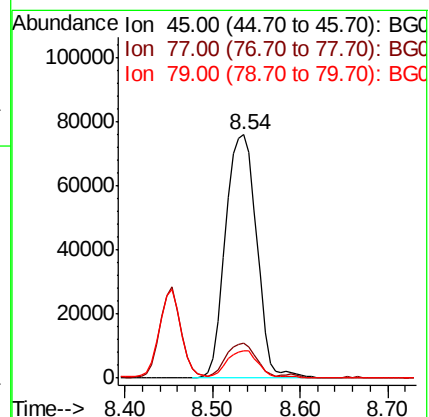
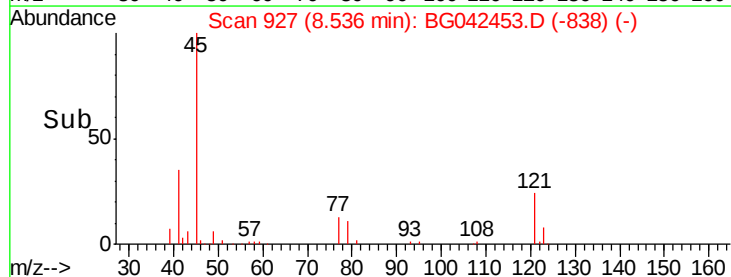
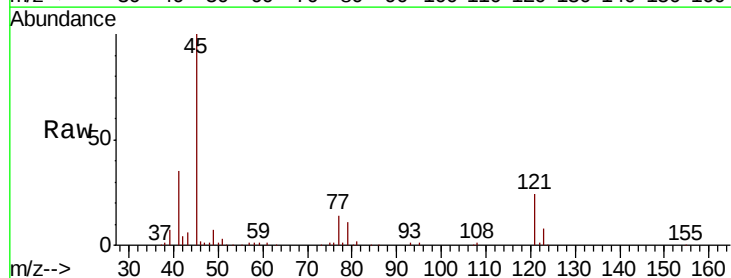
Tgt Ion: 45 Resp: 185476

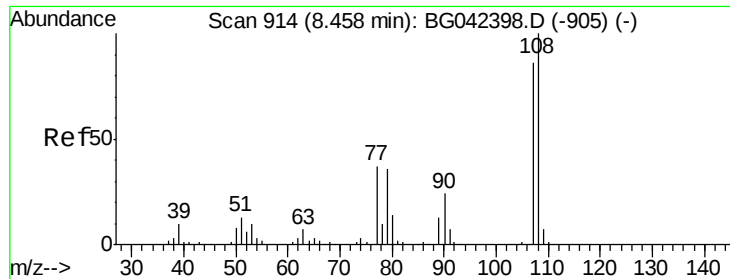
Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.6

79 11.4 0.0 31.6

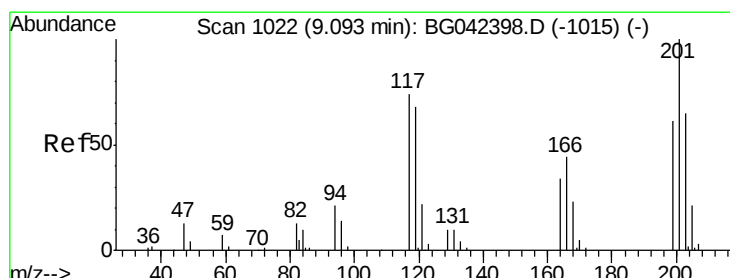
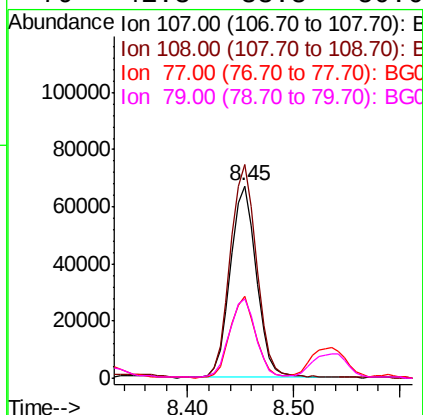
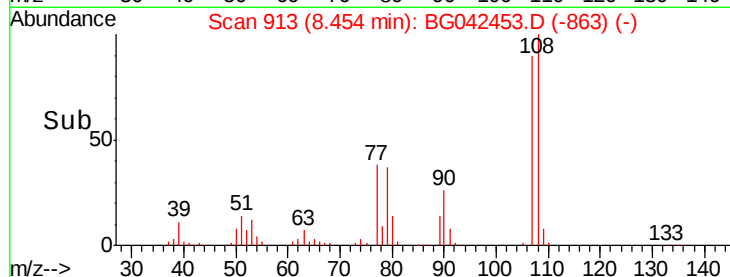
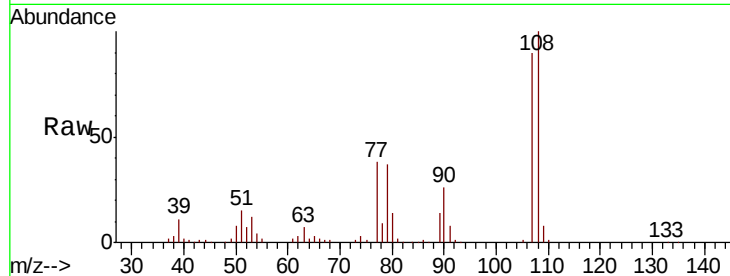




#17
2-Methylphenol
Concen: 40.624 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

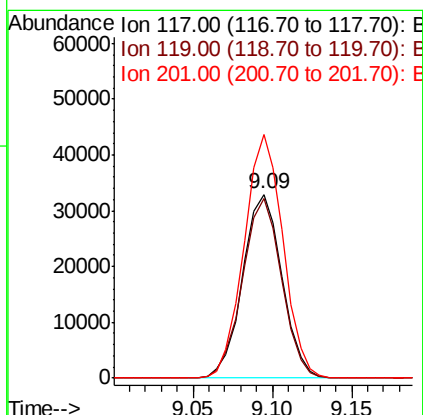
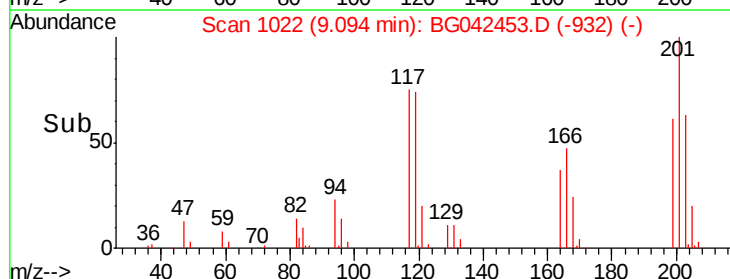
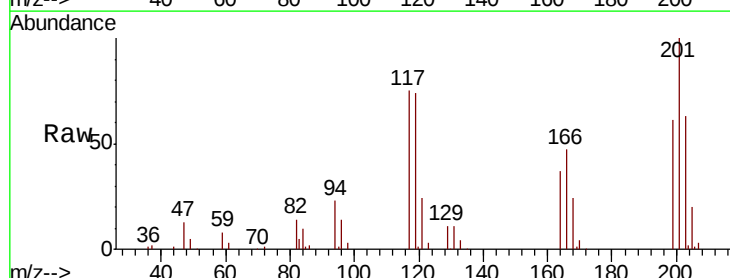
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	92.9	139.3
77	42.4	34.4	51.6
79	41.3	33.8	50.6



#18
Hexachloroethane
Concen: 37.844 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	73.8	110.8
201	132.7	108.3	162.5

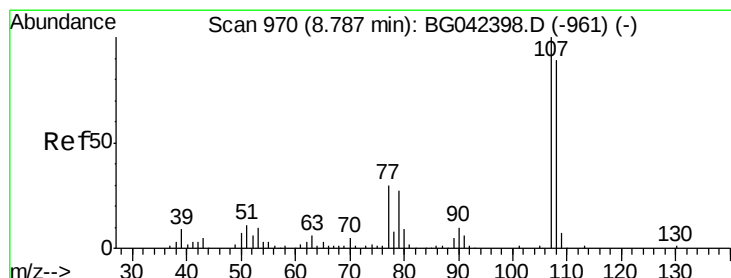
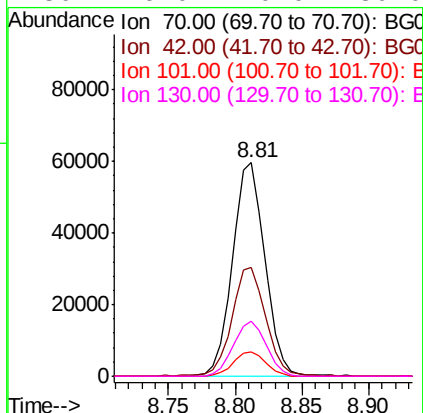
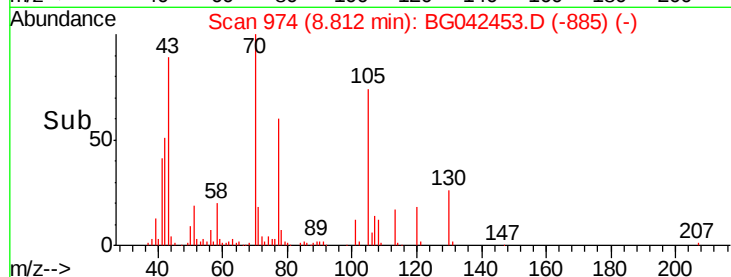
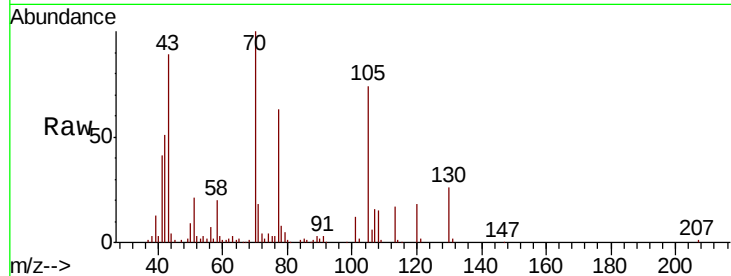




#19
n-Nitroso-di-n-propylamine
Concen: 41.158 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

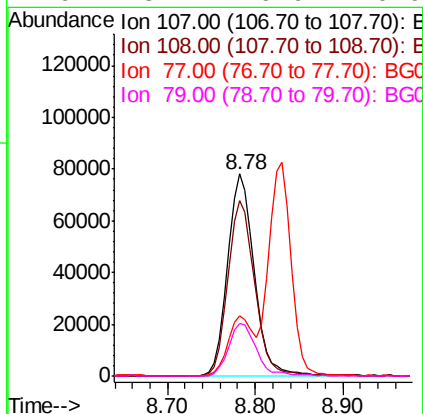
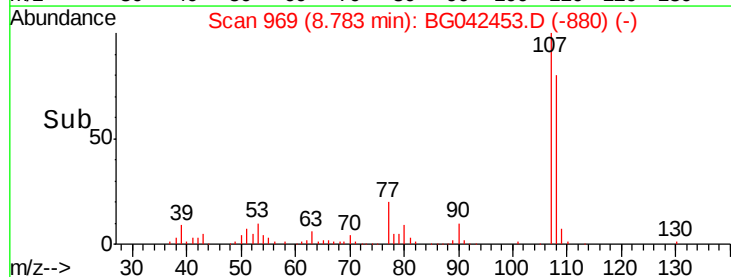
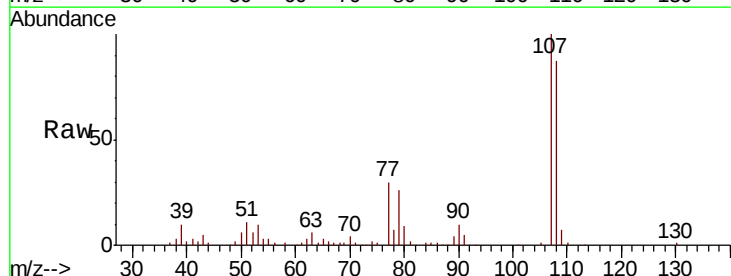
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	100774
Ion	Ratio	Lower	Upper
70	100		
42	51.0	38.8	58.2
101	11.6	9.0	13.6
130	26.0	20.0	30.0



#20
3+4-Methylphenols
Concen: 41.357 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion:	107	Resp:	161971
Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.7	108.7
77	29.9	10.2	50.2
79	25.7	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 235597

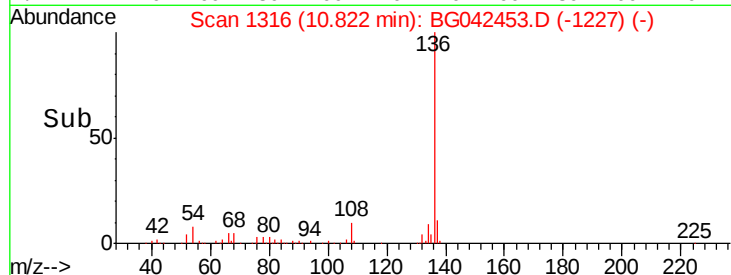
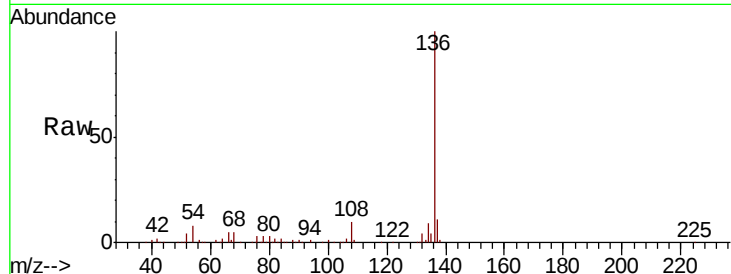
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.7 4.9 7.3#

68 5.0 3.6 5.4

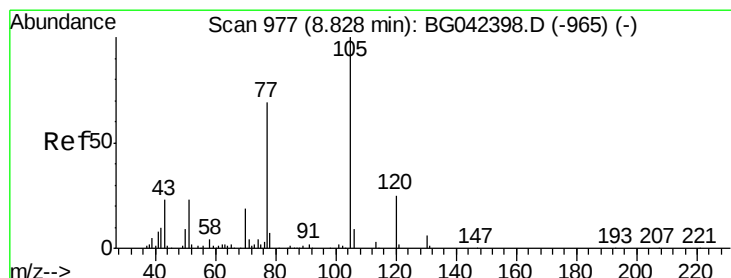
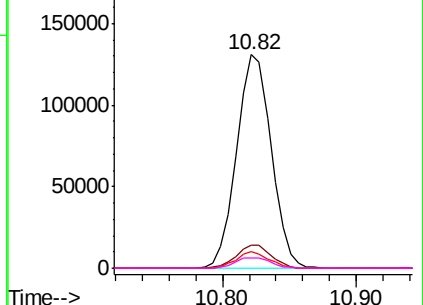


Abundance Ion 136.00 (135.70 to 136.70): E

200000 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: 41.537 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Tgt Ion:105 Resp: 209306

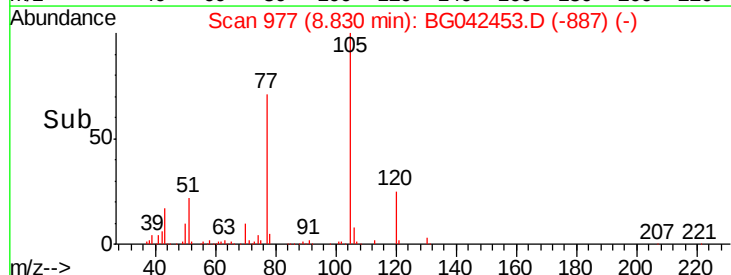
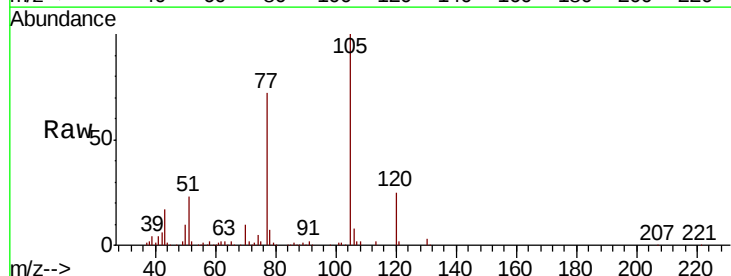
Ion Ratio Lower Upper

105 100

71 1.8 2.8 4.2#

51 23.0 18.7 28.1

120 24.7 20.1 30.1

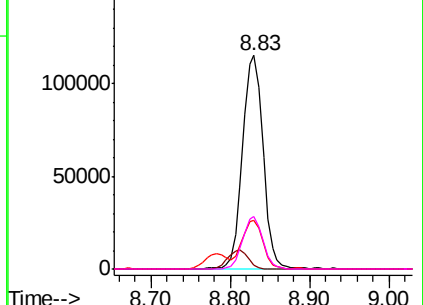


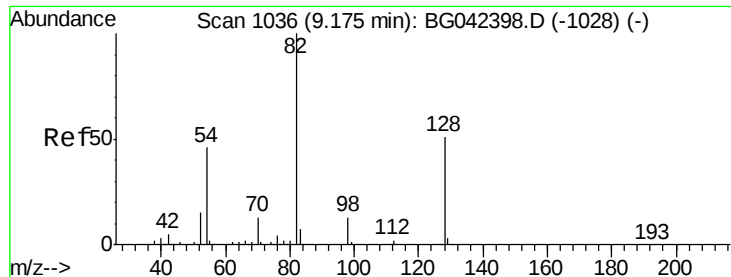
Abundance Ion 105.00 (104.70 to 105.70): E

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

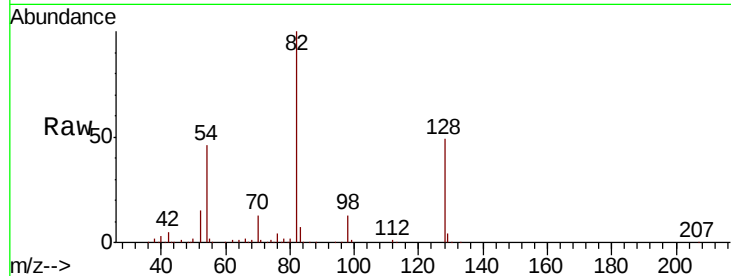




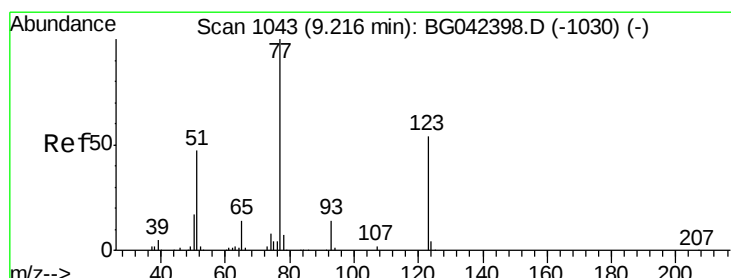
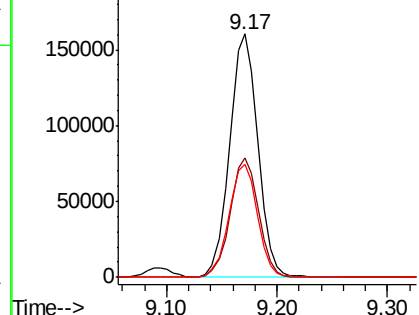
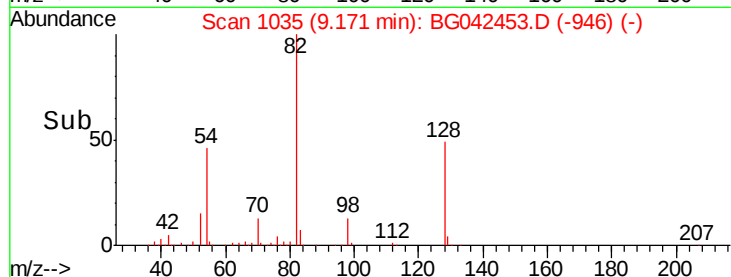
#23
 Nitrobenzene-d5
 Concen: 83.873 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	285949
Ion Ratio	Lower	Upper	
82	100		
128	49.2	40.7	61.1
54	46.4	36.3	54.5

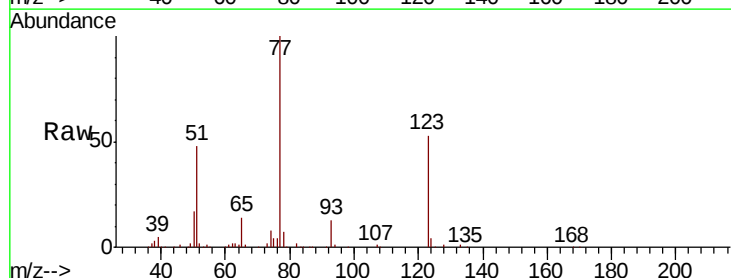


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

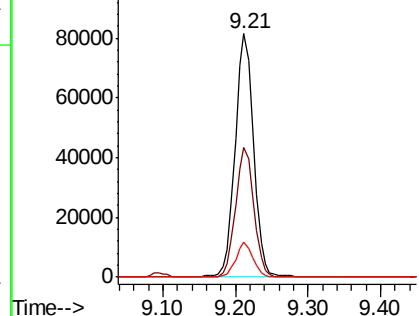
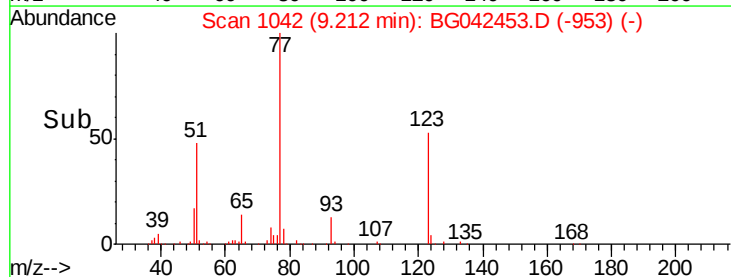


#24
 Nitrobenzene
 Concen: 42.110 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	77	Resp	145381
Ion Ratio	Lower	Upper	
77	100		
123	53.2	43.4	65.0
65	14.2	11.0	16.6



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





#25

Isophorone

Concen: 41.173 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

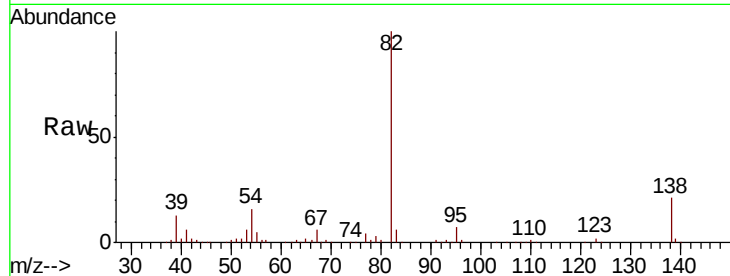
Tot Ion: 82 Resp: 277025

Ion Ratio Lower Upper

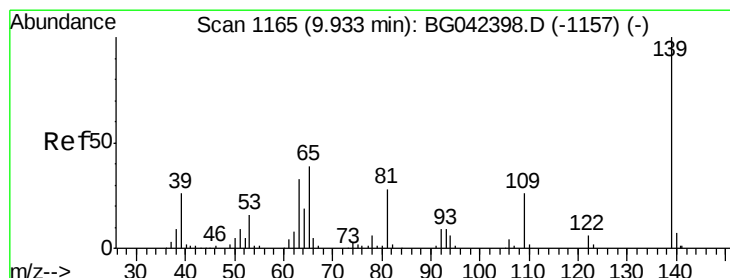
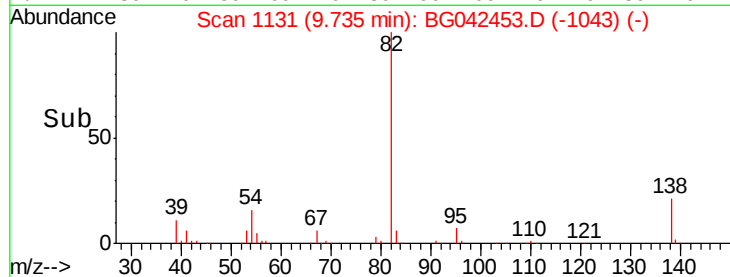
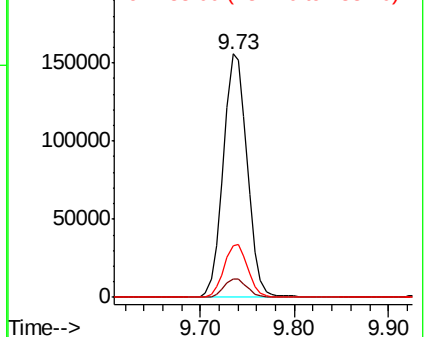
82 100

95 7.3 6.6 9.8

138 21.0 18.6 27.8



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



#26

2-Nitrophenol

Concen: 37.936 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

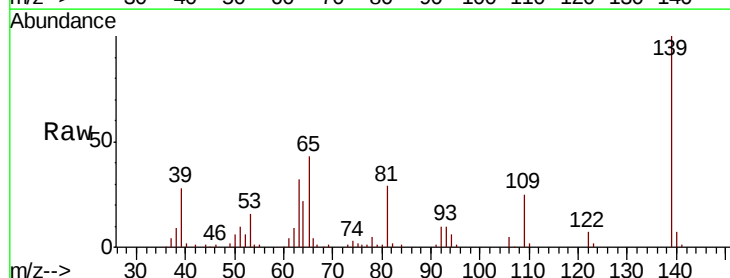
Tgt Ion: 139 Resp: 82074

Ion Ratio Lower Upper

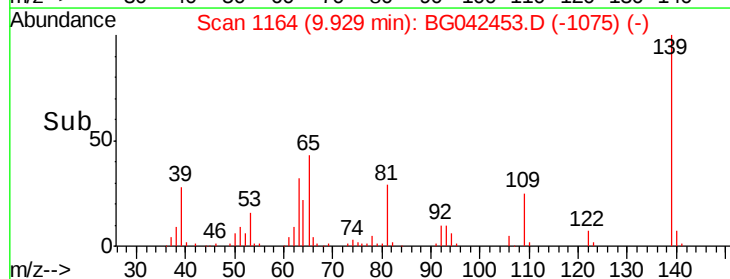
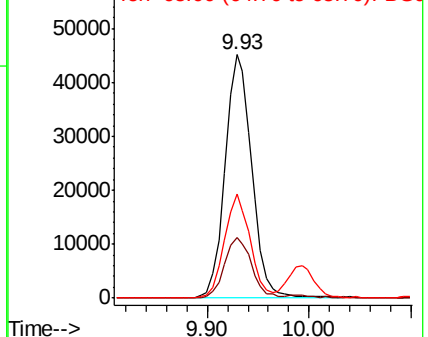
139 100

109 24.8 20.5 30.7

65 42.8 30.9 46.3



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

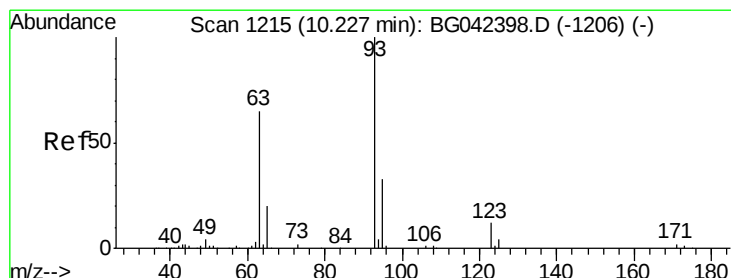
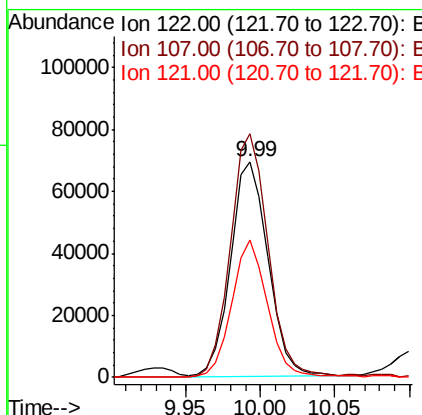
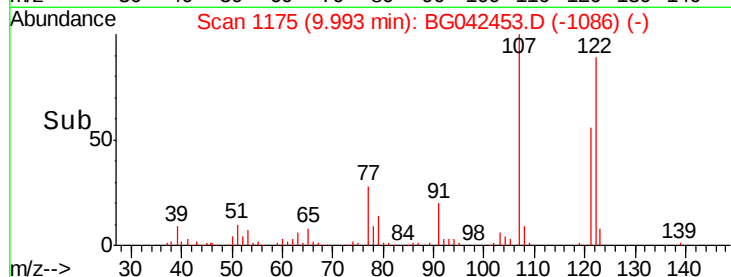
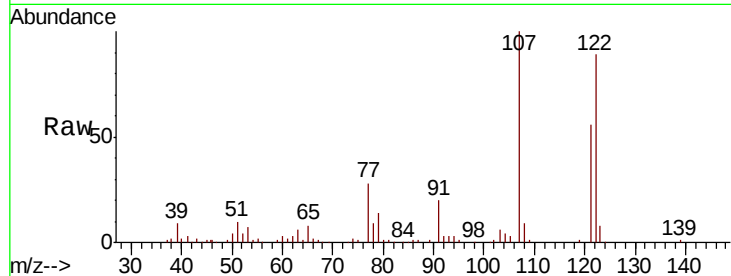




#27
 2,4-Dimethylphenol
 Concen: 40.740 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

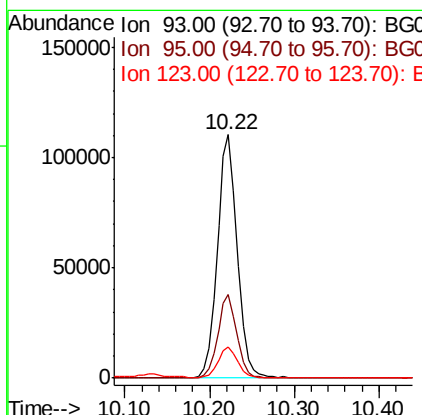
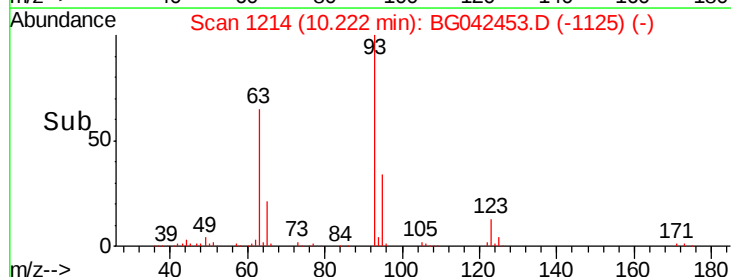
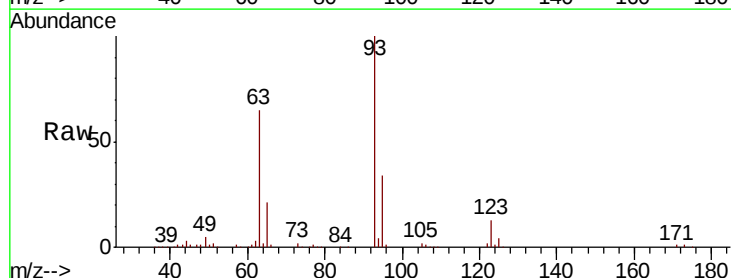
Instrument :
 BNA_G
 ClientSampled :

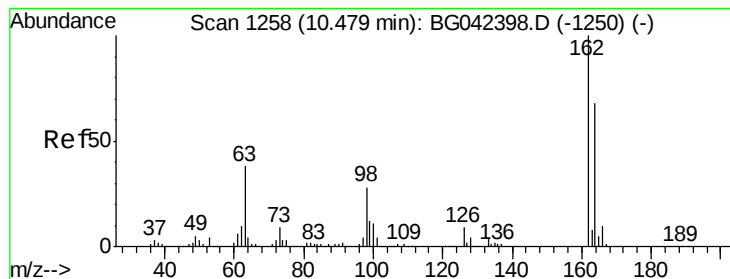
Tot Ion:122 Resp: 121416
 Ion Ratio Lower Upper
 122 100
 107 112.7 90.8 136.2
 121 63.4 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.670 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion: 93 Resp: 180954
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.6 40.0
 123 12.8 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 39.853 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampled :

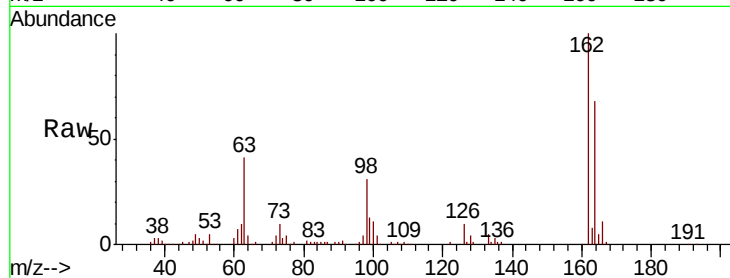
Tot Ion:162 Resp: 155394

Ion Ratio Lower Upper

162 100

164 68.2 48.1 88.1

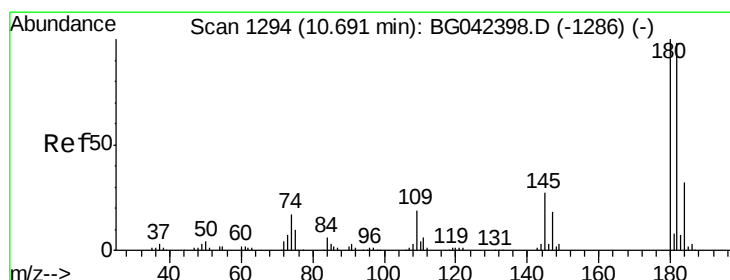
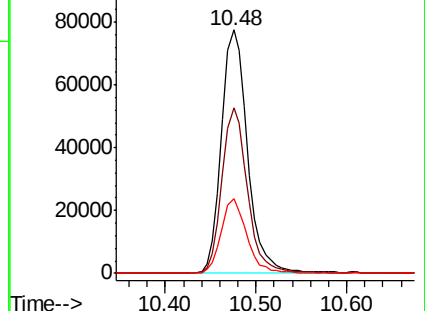
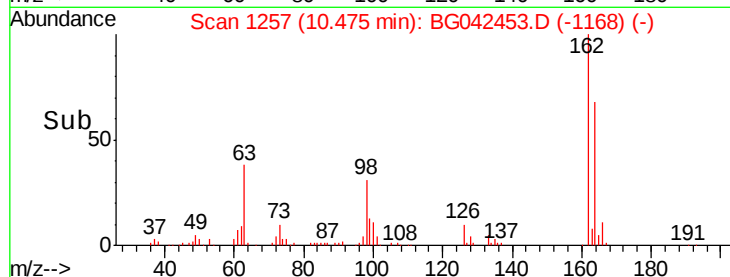
98 30.6 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.977 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

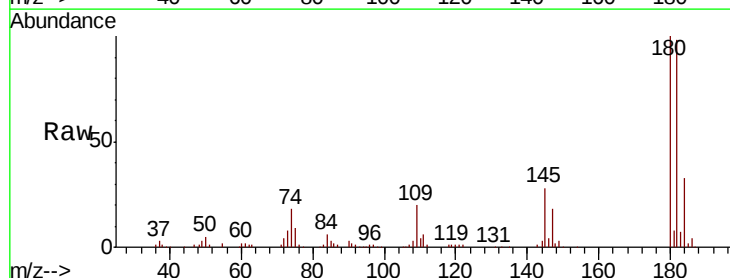
Tgt Ion:180 Resp: 186546

Ion Ratio Lower Upper

180 100

182 97.5 78.7 118.1

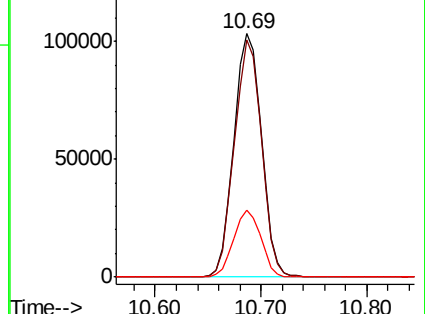
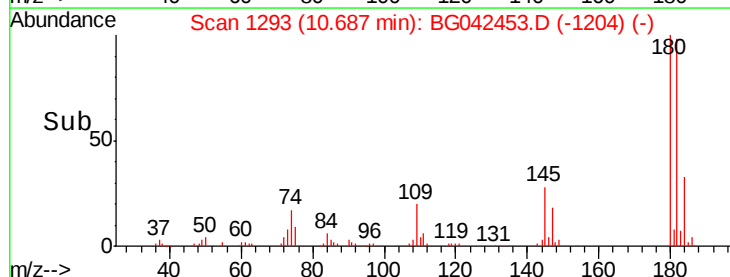
145 27.7 21.6 32.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

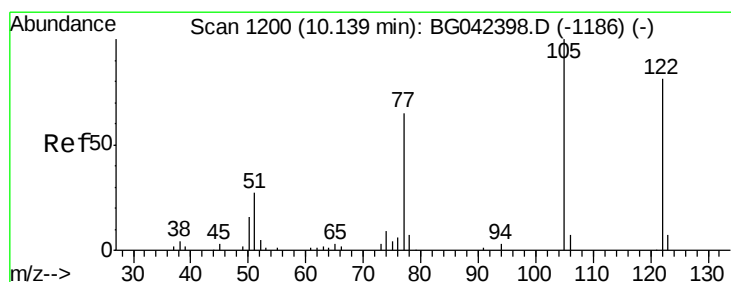
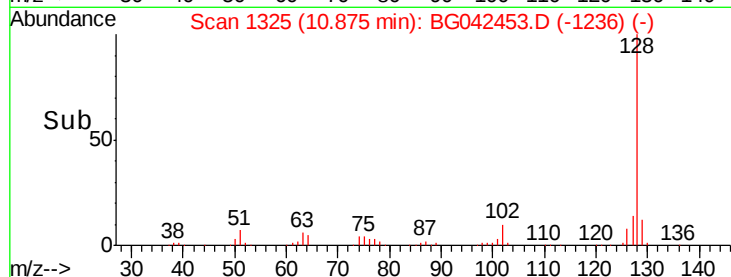
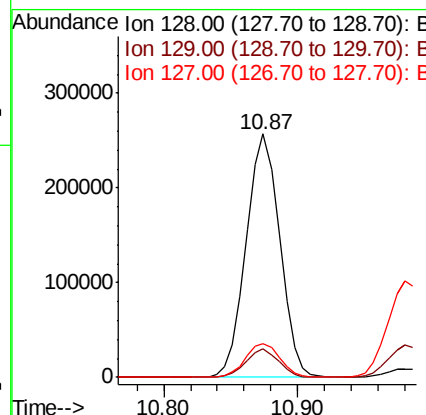
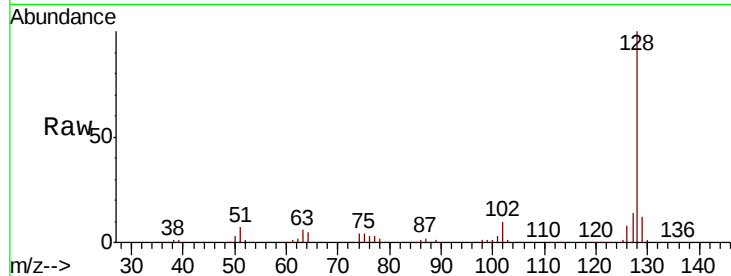




#31
Naphthalene
Concen: 40.980 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

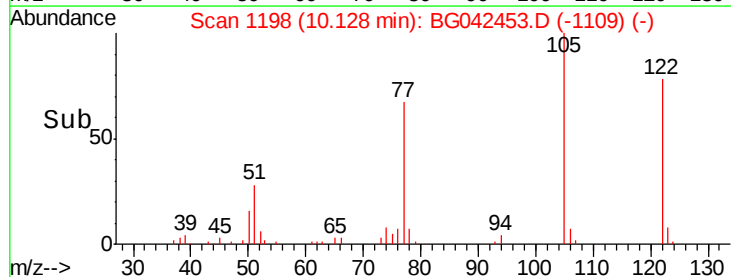
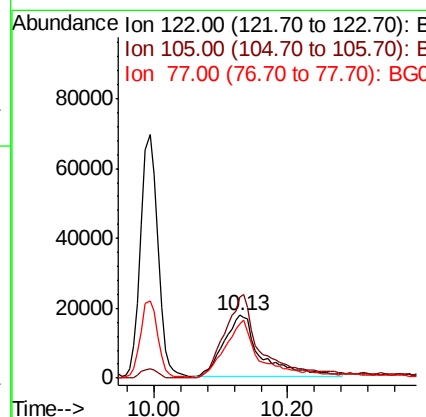
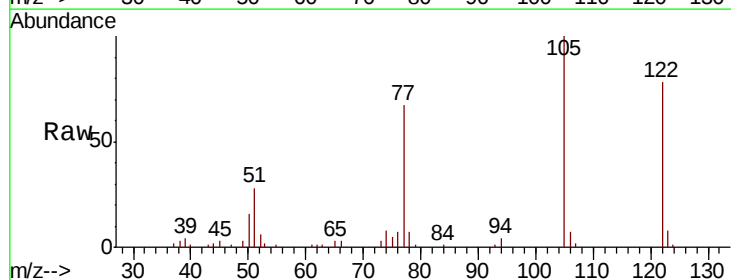
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 448248
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 34.023 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion:122 Resp: 67387
Ion Ratio Lower Upper
122 100
105 128.9 99.6 139.6
77 86.0 59.5 99.5

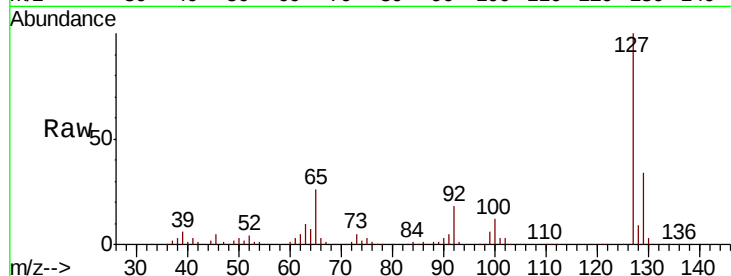




#33
4-Chloroaniline
Concen: 40.486 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	204427
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.8	40.2
65	25.7	20.7	31.1
92	18.0	13.6	20.4



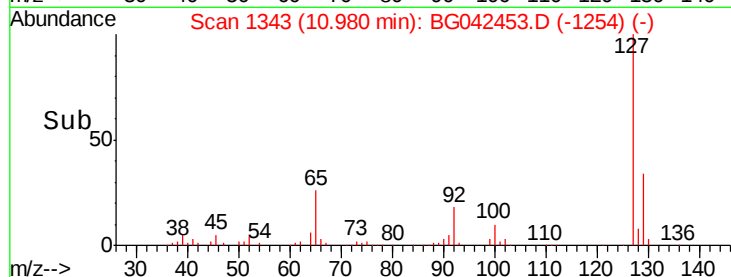
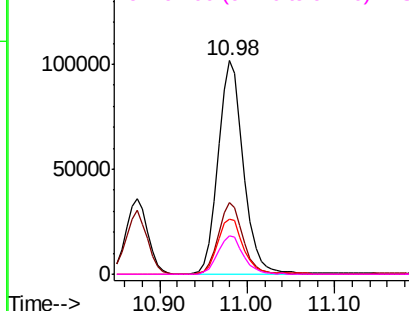
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

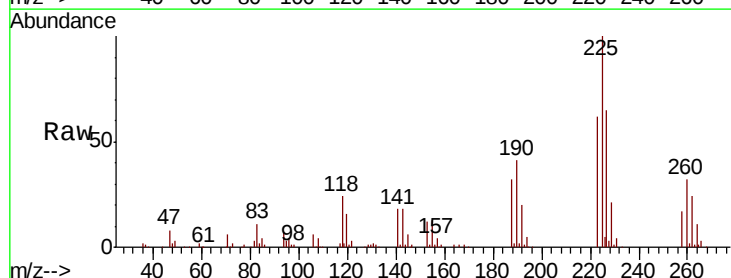
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.198 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion:	225	Resp:	122866
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	65.2	50.9	76.3

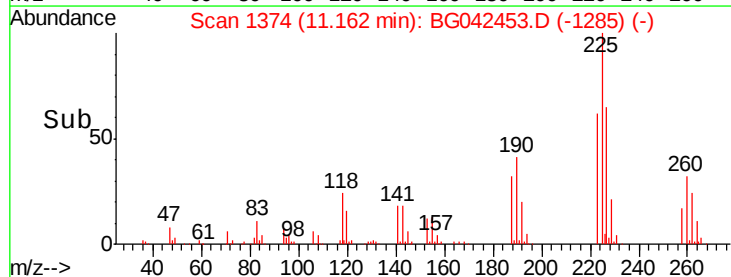
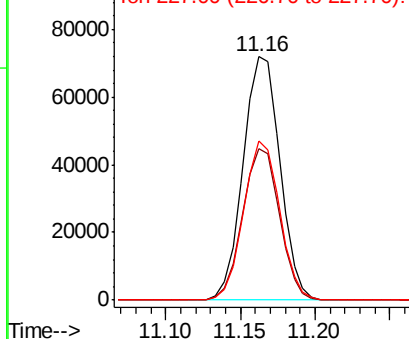


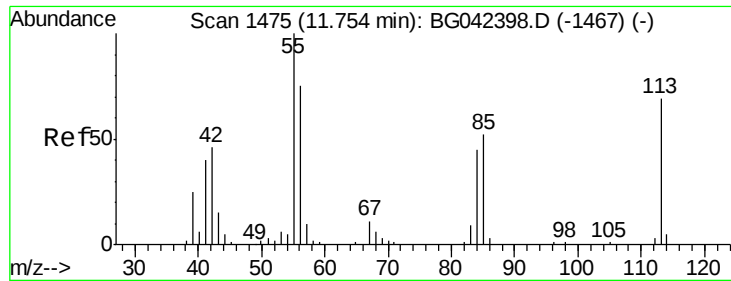
Abundance

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

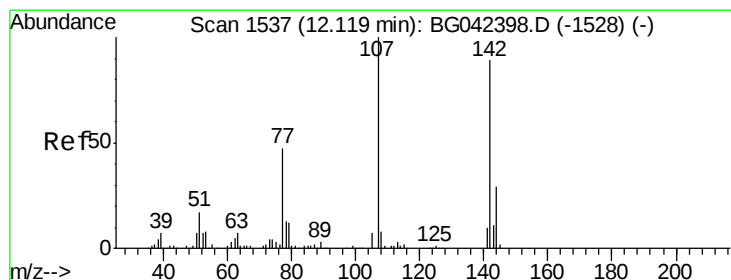
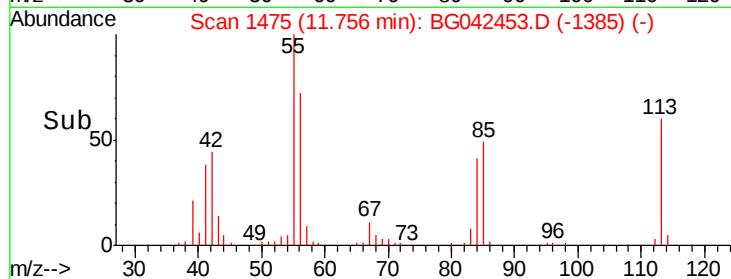
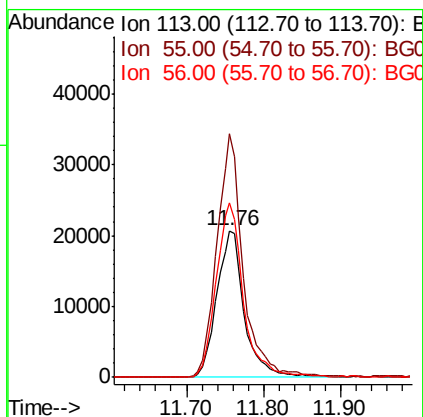
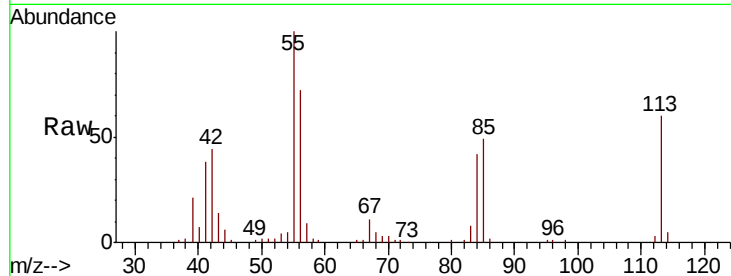




#35
 Caprolactam
 Concen: 39.118 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

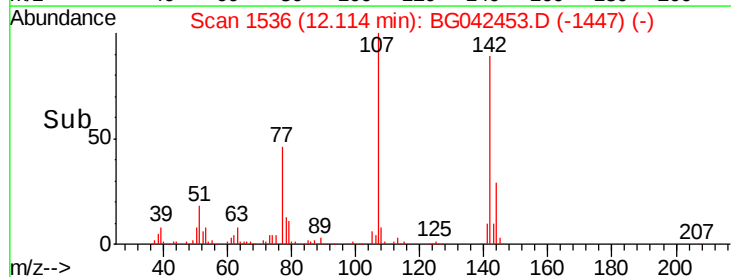
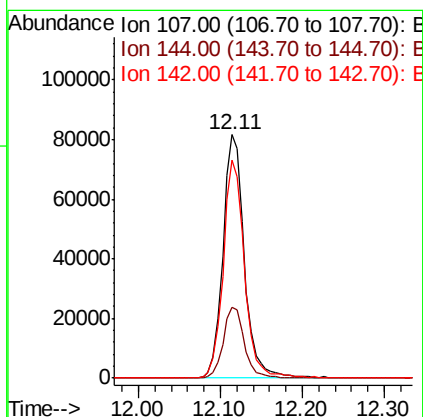
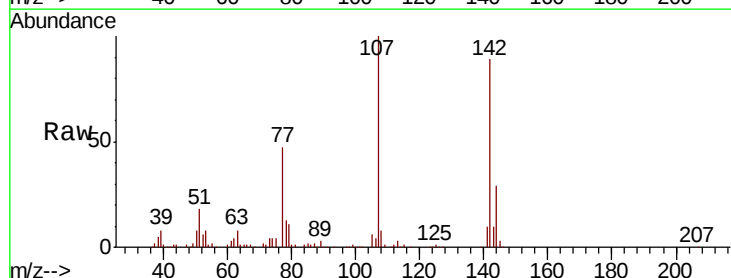
Instrument :
 BNA_G
 ClientSampled :

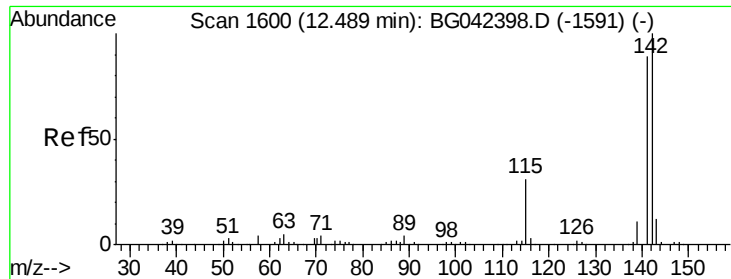
Tot Ion:113 Resp: 50895
 Ion Ratio Lower Upper
 113 100
 55 166.0 124.6 164.6#
 56 118.9 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.099 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion:107 Resp: 148425
 Ion Ratio Lower Upper
 107 100
 144 29.0 23.6 35.4
 142 89.3 71.0 106.4

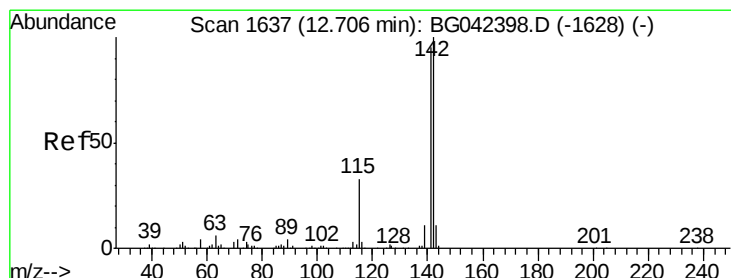
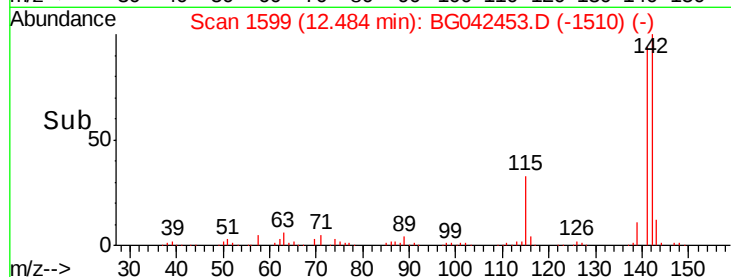
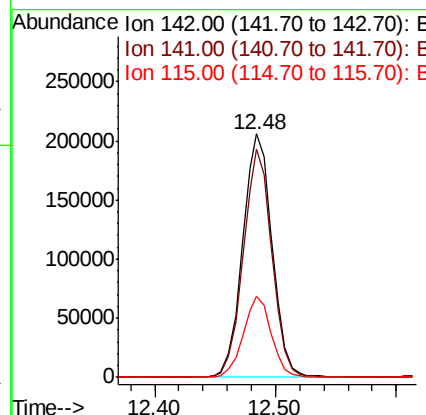
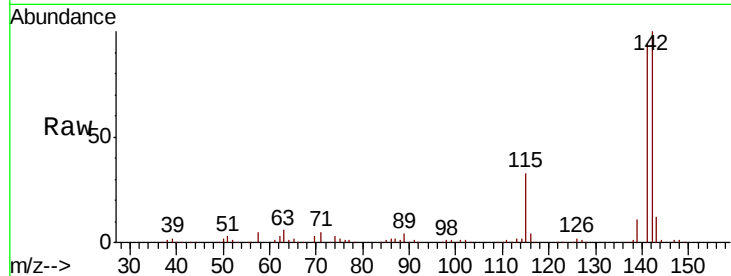




#37
 2-Methylnaphthalene
 Concen: 39.732 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

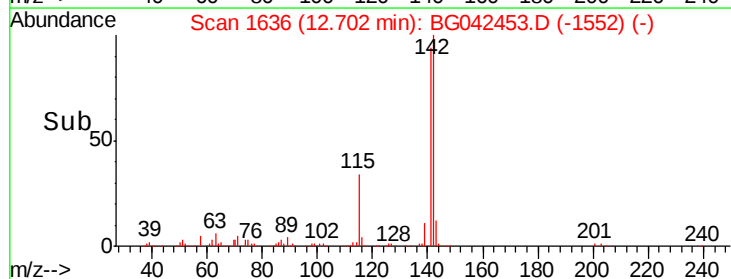
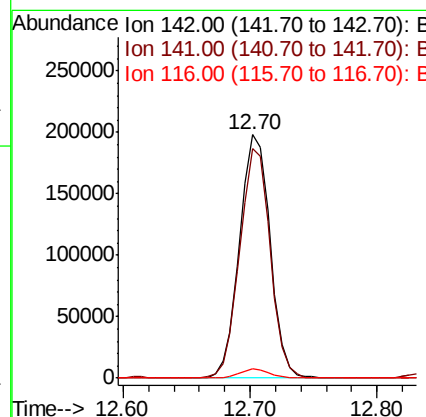
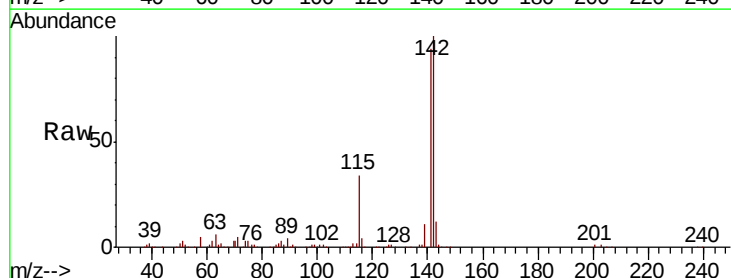
Instrument :
 BNA_G
 ClientSampled :

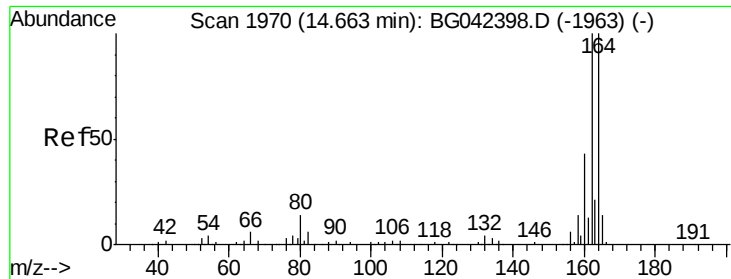
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.4	107.2
115	33.1	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 39.743 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.2	114.2
116	3.7	2.8	4.2

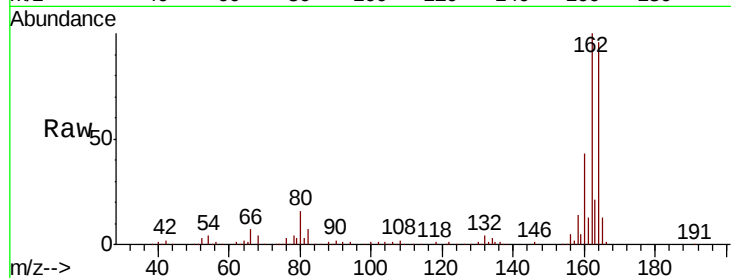




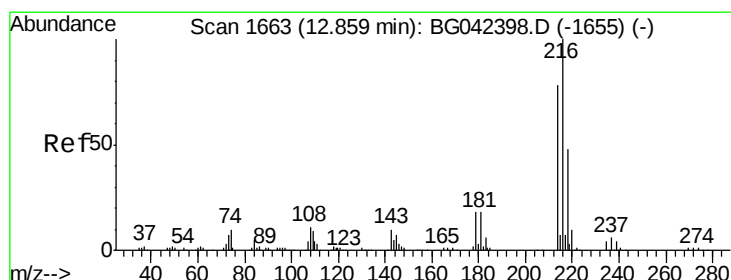
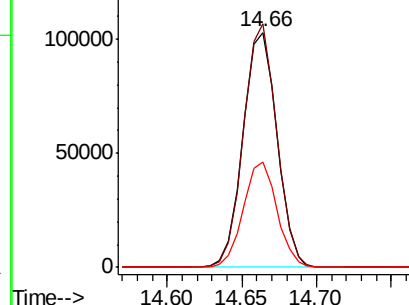
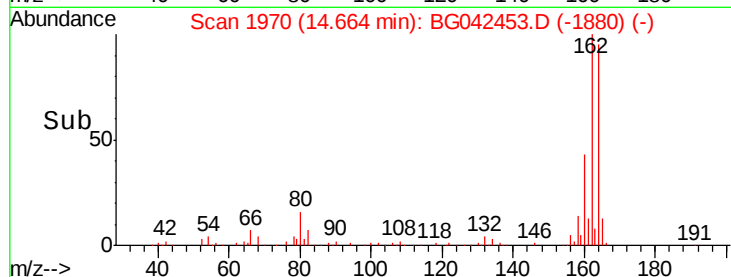
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 162972
Ion Ratio Lower Upper
164 100
162 103.7 79.9 119.9
160 44.8 34.3 51.5

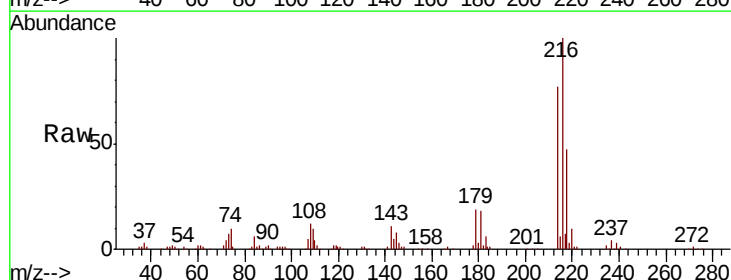


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

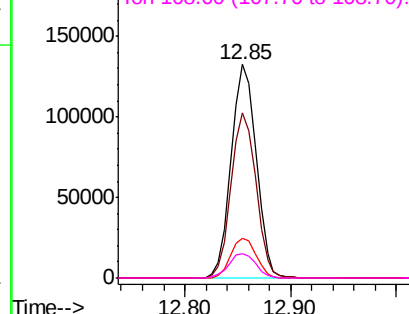
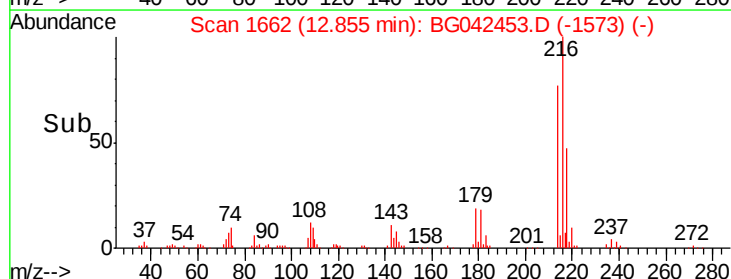


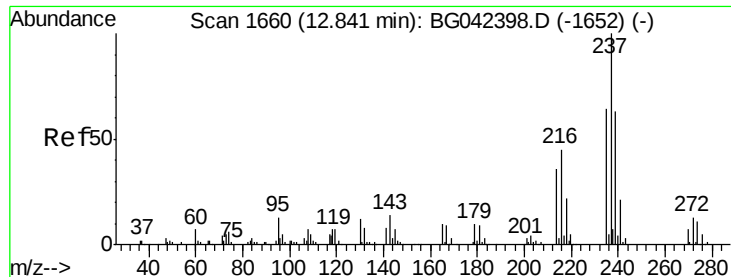
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.536 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion:216 Resp: 217385
Ion Ratio Lower Upper
216 100
214 76.9 61.4 92.2
179 18.9 15.1 22.7
108 12.3 9.4 14.0



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: 17.026 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

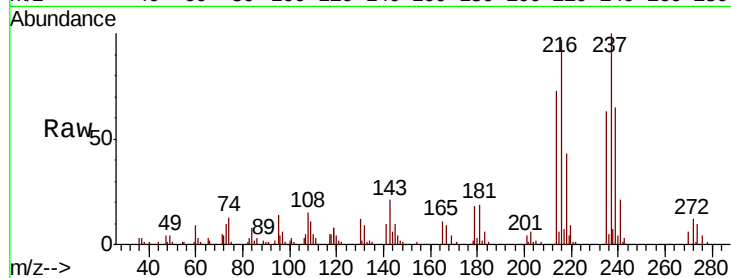
Tot Ion:237 Resp: 46808

Ion Ratio Lower Upper

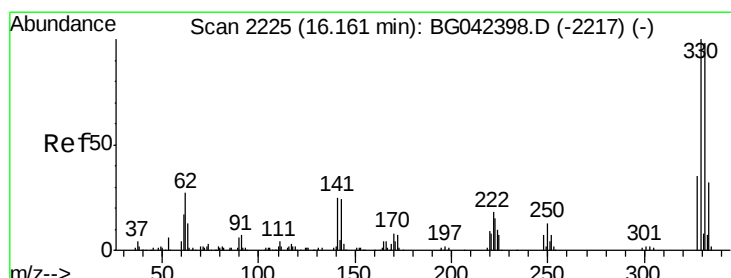
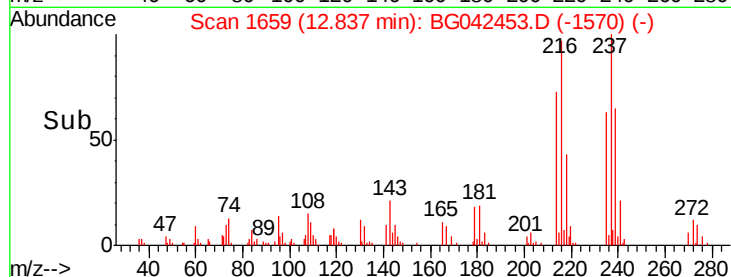
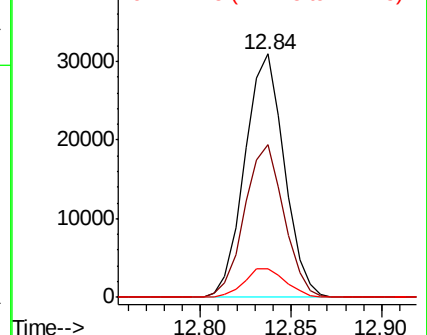
237 100

235 62.7 43.7 83.7

272 11.6 0.0 33.3



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: 70.153 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

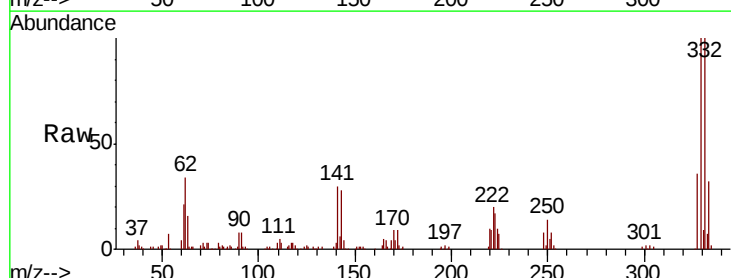
Tgt Ion:330 Resp: 162501

Ion Ratio Lower Upper

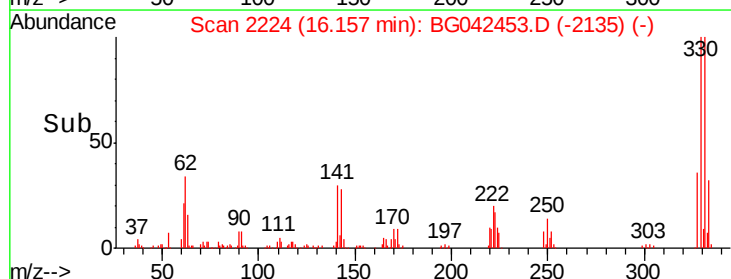
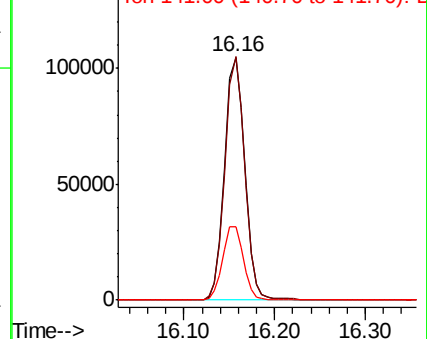
330 100

332 98.1 77.4 116.0

141 31.3 21.4 32.0



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

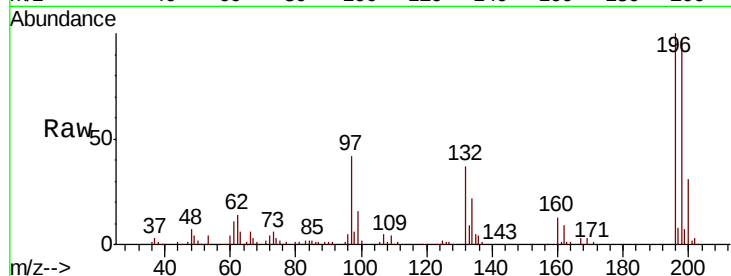




#43
 2,4,6-Trichlorophenol
 Concen: 40.357 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	142767
Ion Ratio	Lower	Upper	
196	100		
198	97.4	80.7	121.1
200	31.3	25.7	38.5

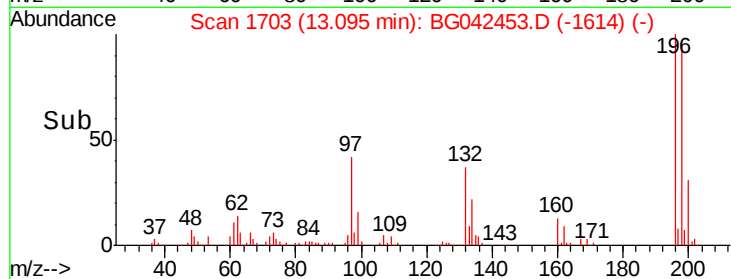
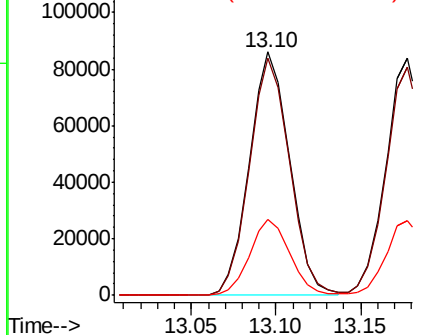


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.678 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	196	Resp	149124
Ion Ratio	Lower	Upper	
196	100		
198	96.2	80.2	120.4
97	33.8	26.3	39.5
132	22.1	16.6	24.8

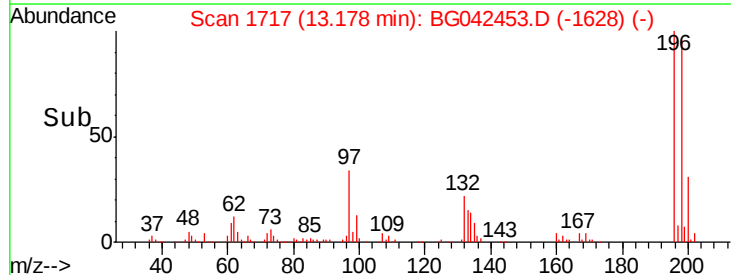
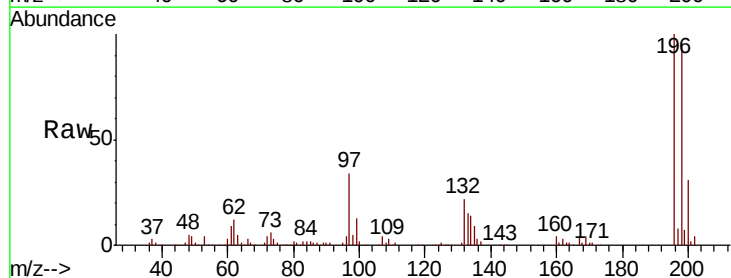
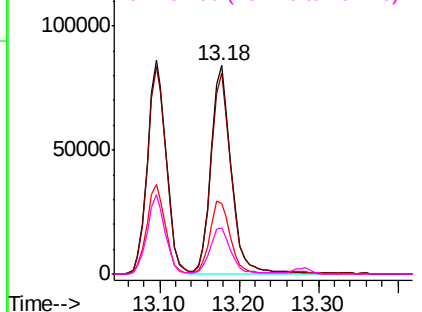
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

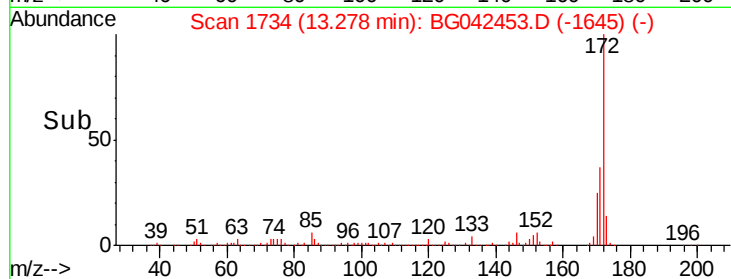
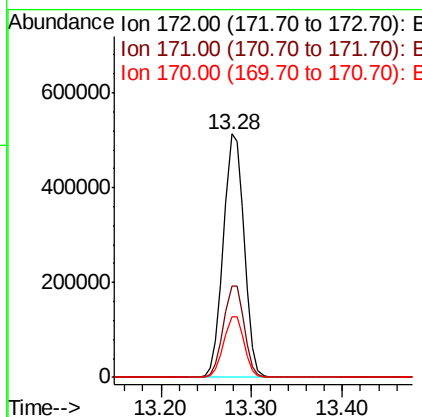
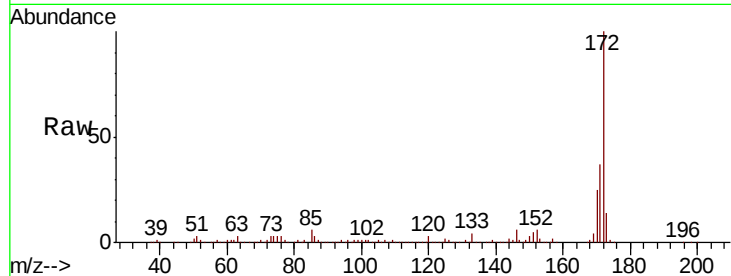




#45
 2-Fluorobiphenyl
 Concen: 84.598 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

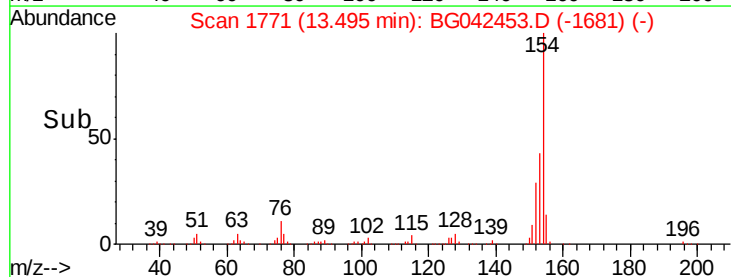
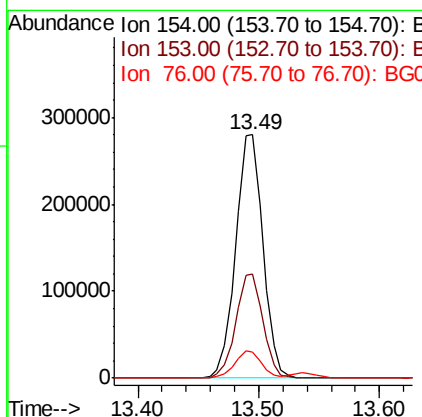
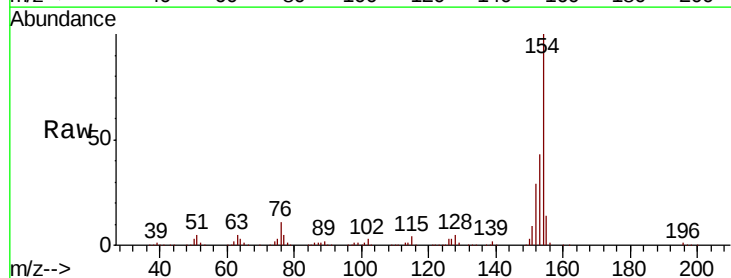
Instrument :
 BNA_G
 ClientSampleId :

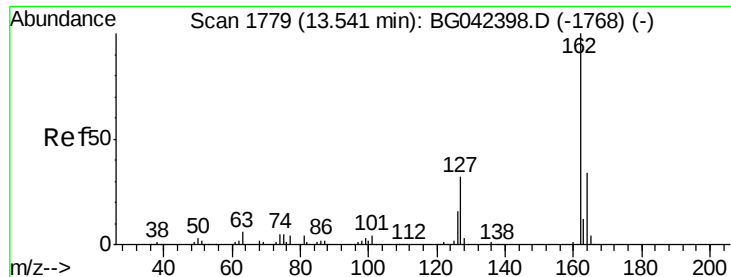
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	25.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 41.861 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.0	63.0
76	10.7	0.0	29.6





#47

2-Chloronaphthalene

Concen: 41.841 ng

RT: 13.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

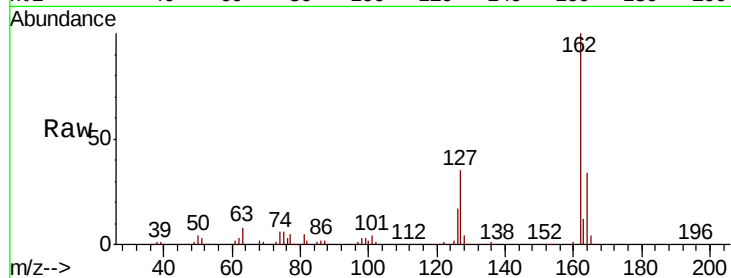
Tot Ion:162 Resp: 380066

Ion Ratio Lower Upper

162 100

127 34.6 26.0 39.0

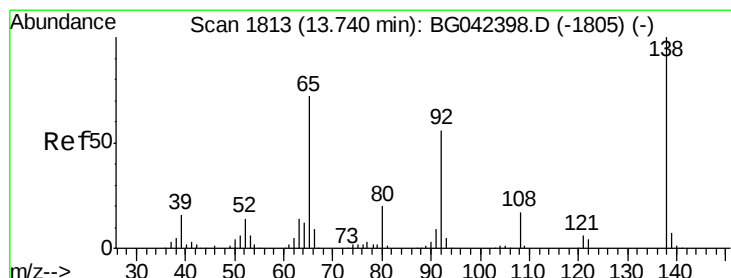
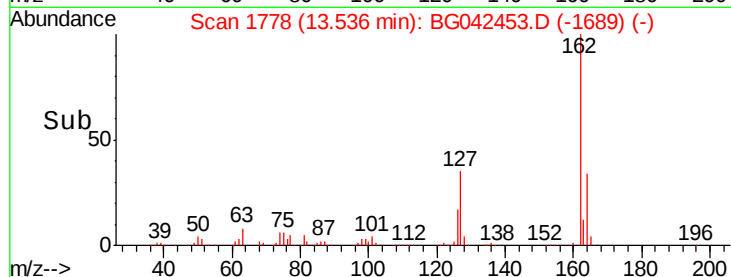
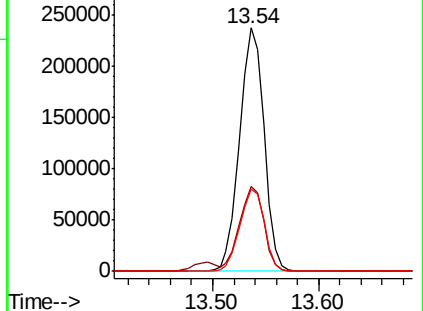
164 33.9 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.260 ng

RT: 13.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

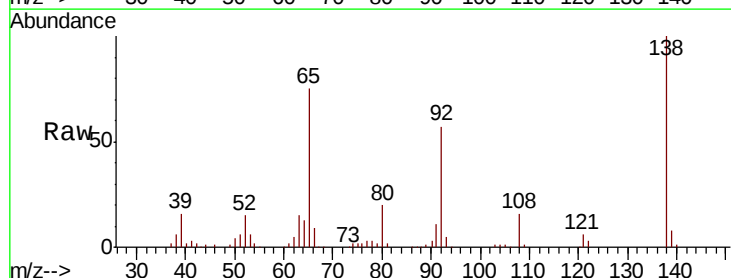
Tgt Ion: 65 Resp: 101330

Ion Ratio Lower Upper

65 100

92 75.7 61.8 92.6

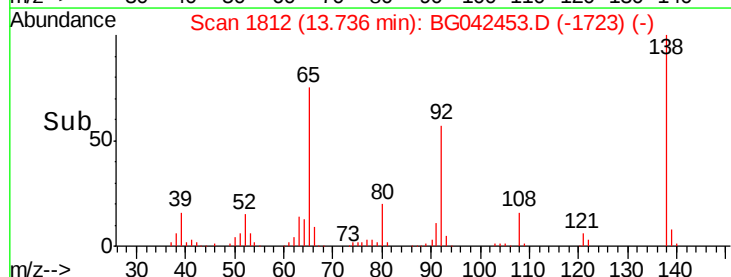
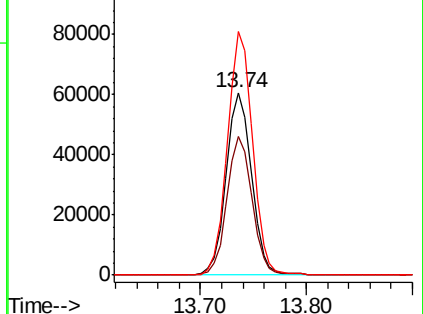
138 133.5 111.0 166.6



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.452 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

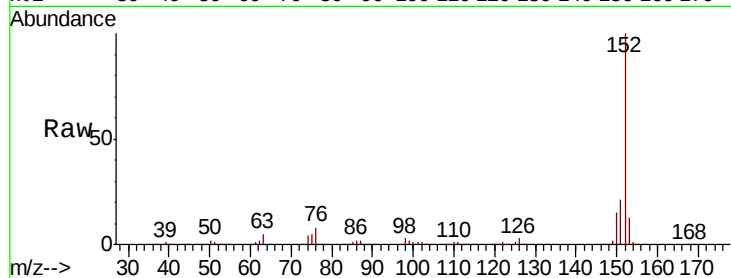
Tot Ion:152 Resp: 580152

Ion Ratio Lower Upper

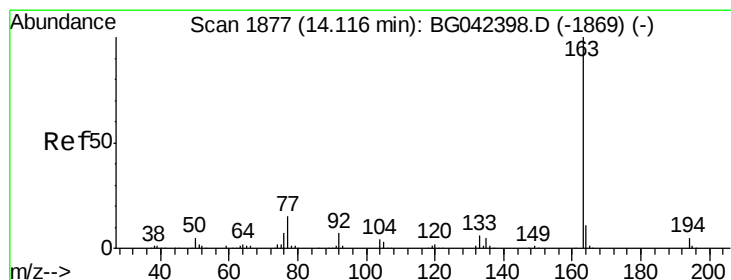
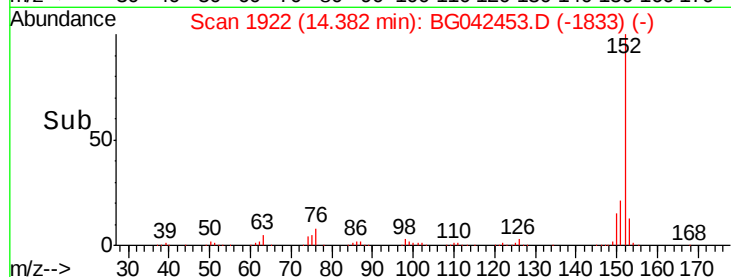
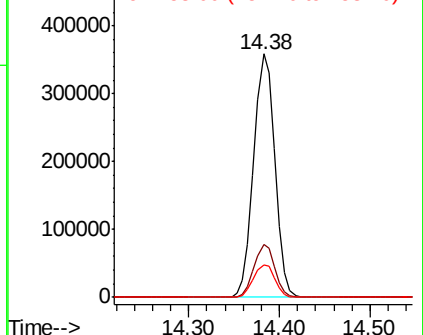
152 100

151 21.5 17.0 25.4

153 13.5 10.6 16.0



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: 40.282 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

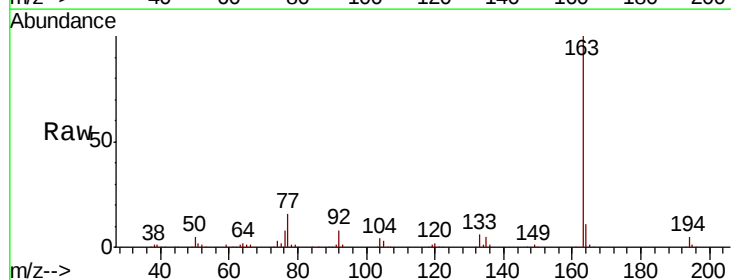
Tgt Ion:163 Resp: 473674

Ion Ratio Lower Upper

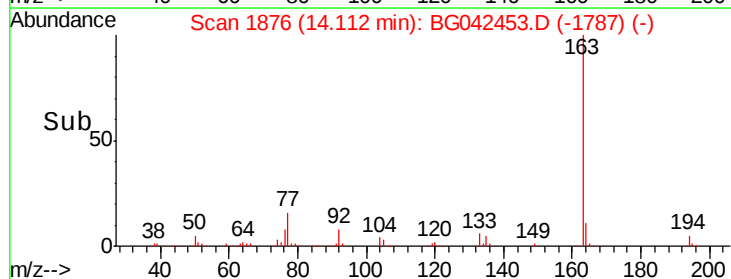
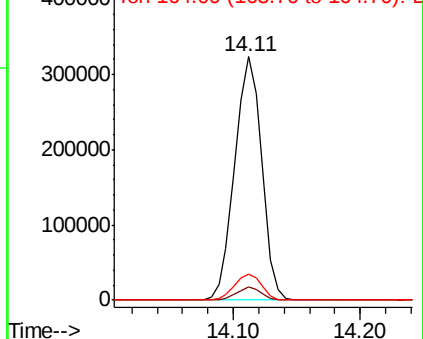
163 100

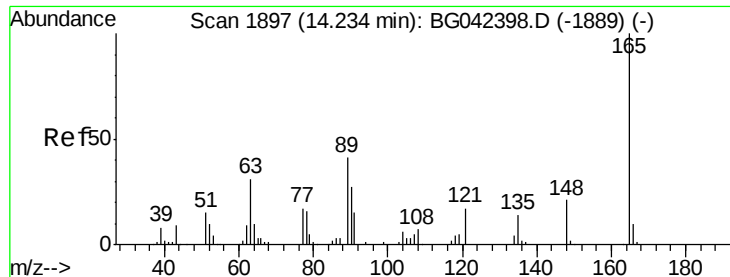
194 5.4 4.2 6.2

164 10.8 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

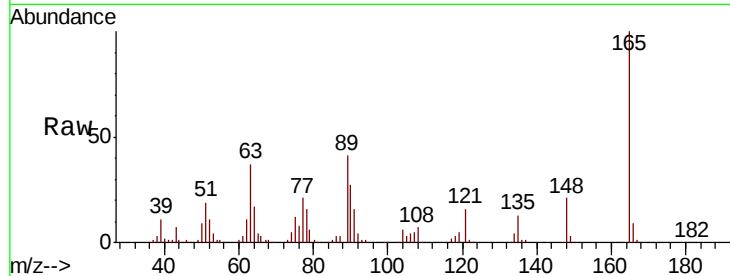




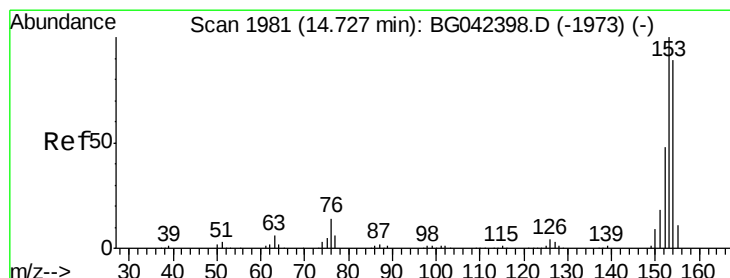
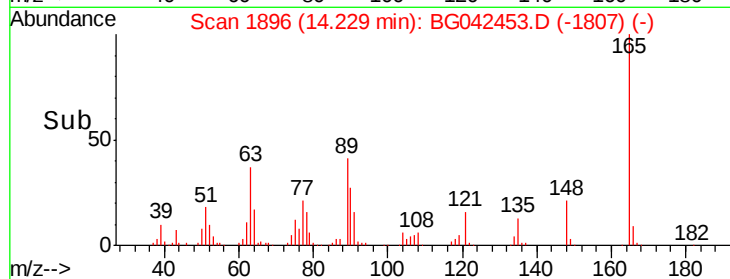
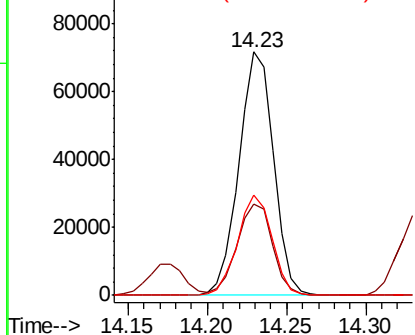
#51
 2,6-Dinitrotoluene
 Concen: 39.811 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.3	30.6	45.8
89	40.9	32.6	49.0

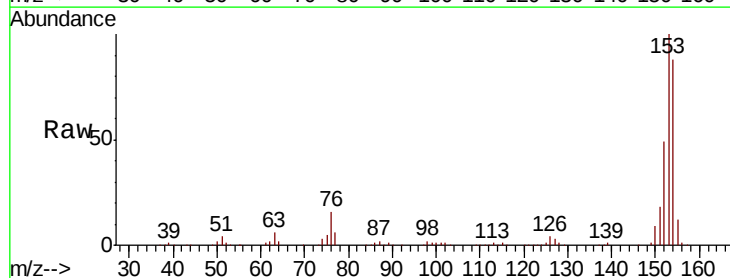


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

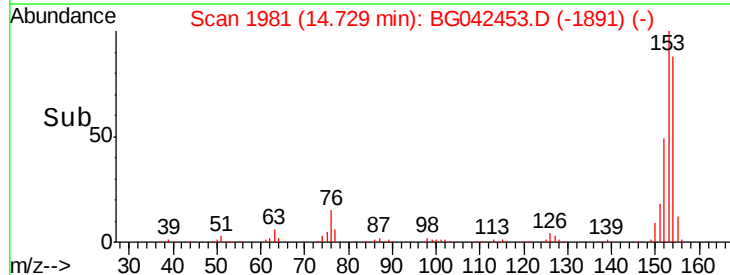
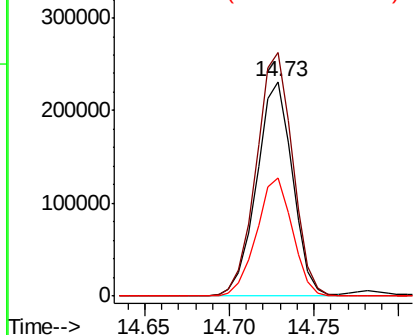


#52
 Acenaphthene
 Concen: 41.177 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.2	135.4
152	55.4	43.2	64.8



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: 42.516 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

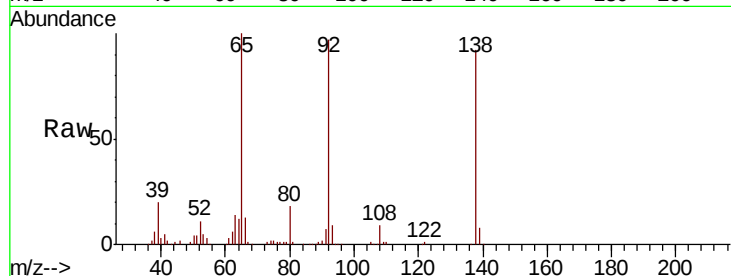
Tot Ion:138 Resp: 115895

Ion Ratio Lower Upper

138 100

108 9.7 8.3 12.5

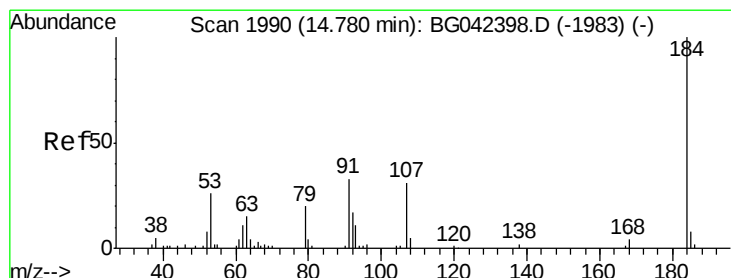
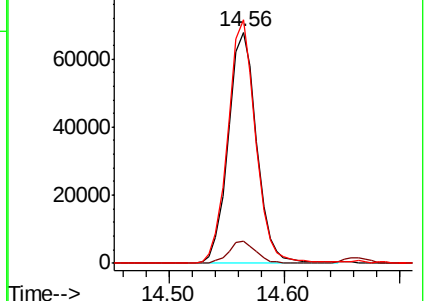
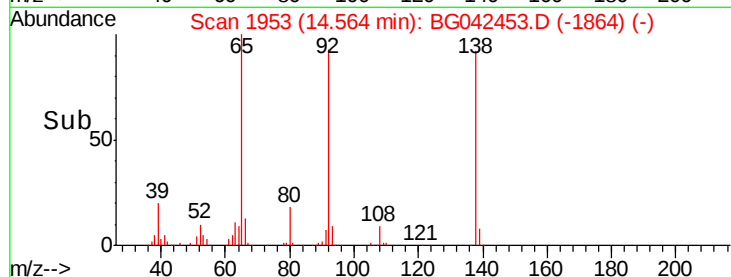
92 105.4 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 16.786 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

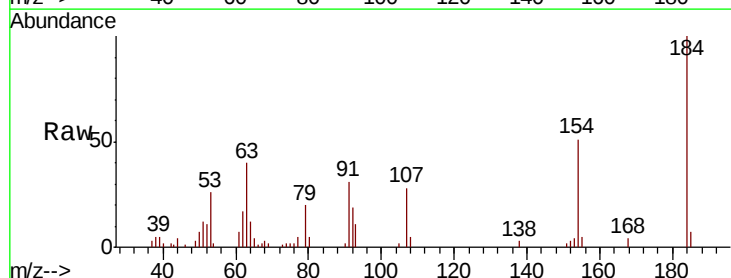
Tgt Ion:184 Resp: 20979

Ion Ratio Lower Upper

184 100

63 40.1 31.7 47.5

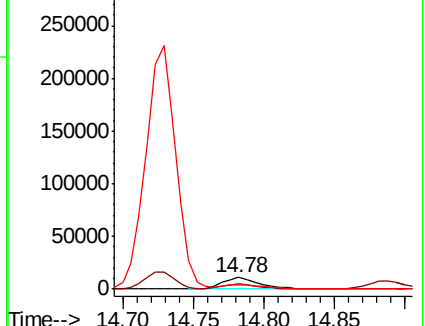
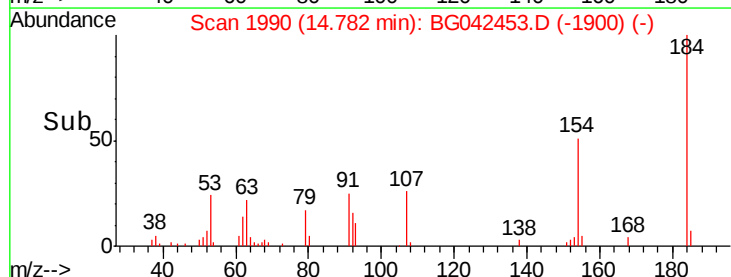
154 50.5 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.517 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

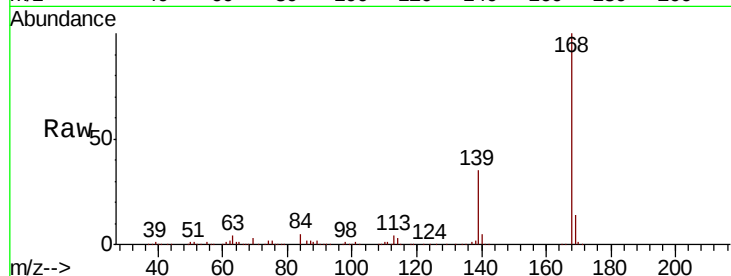
Tot Ion:168 Resp: 570280

Ion Ratio Lower Upper

168 100

139 34.5 27.2 40.8

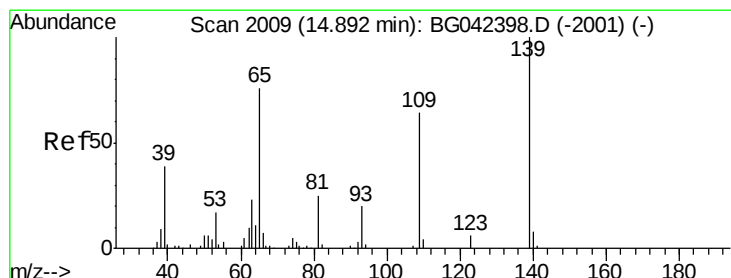
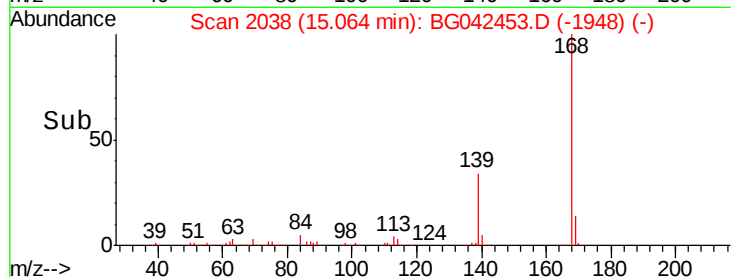
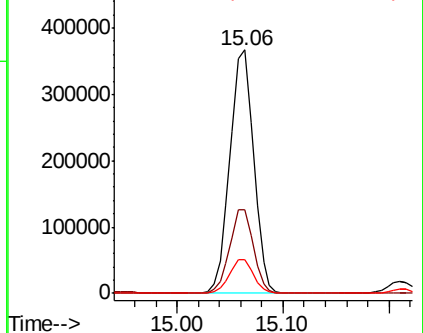
169 14.1 11.5 17.3



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: 41.128 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

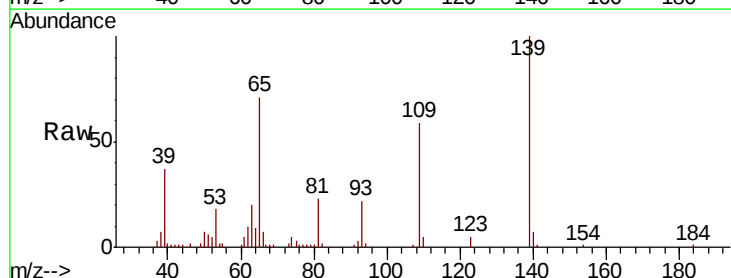
Tgt Ion:139 Resp: 79664

Ion Ratio Lower Upper

139 100

109 59.4 43.9 83.9

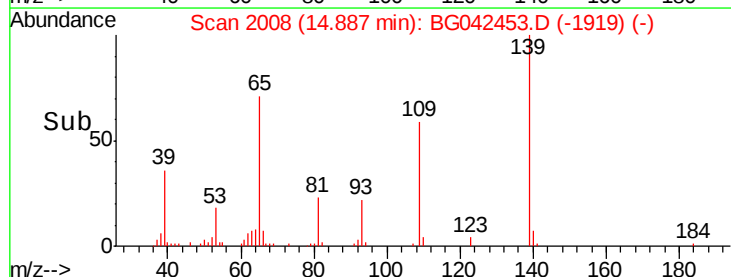
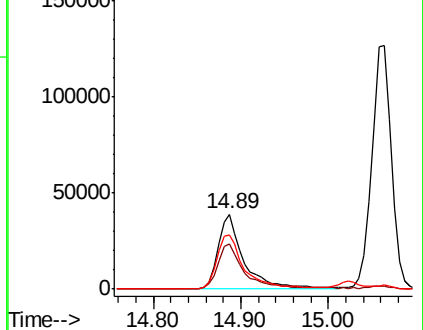
65 71.4 56.3 96.3

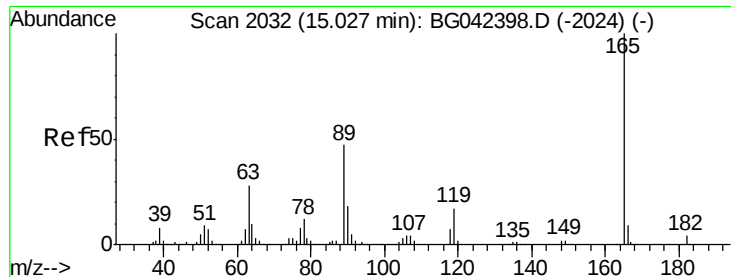


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

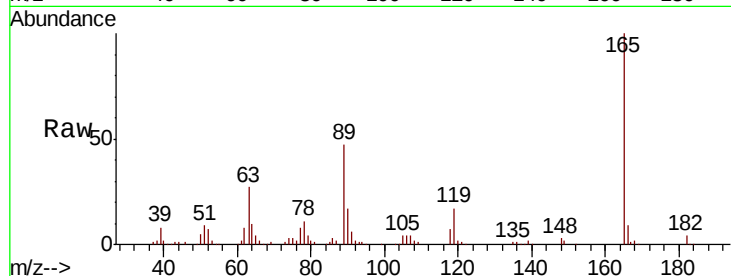




#57
 2,4-Dinitrotoluene
 Concen: 39.053 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	27.1	22.5	33.7
89	47.4	37.8	56.6
182	3.8	3.0	4.4



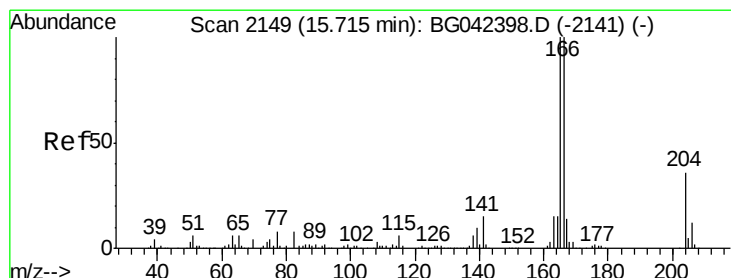
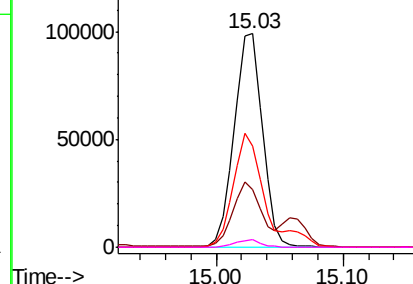
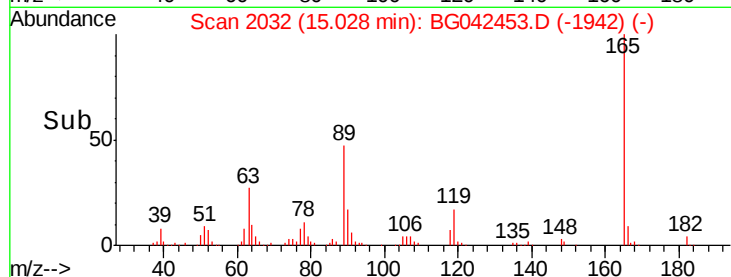
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

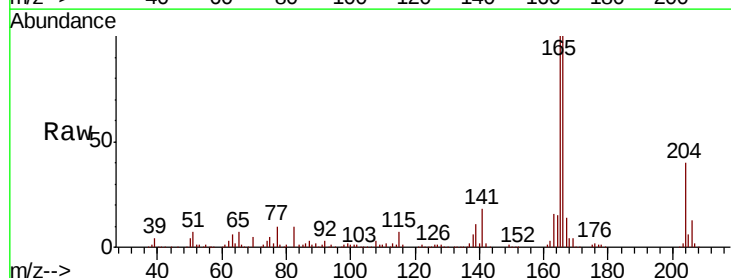
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 40.435 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.7	119.5
167	14.3	10.9	16.3

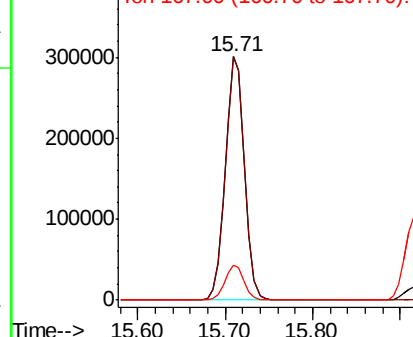
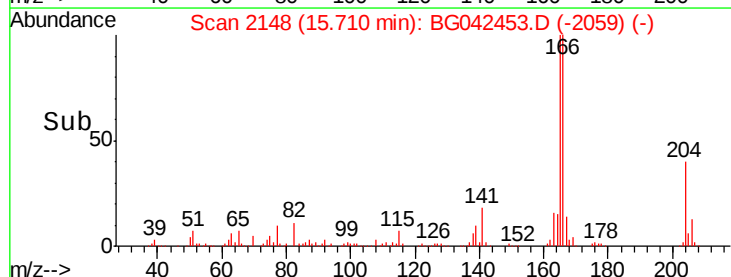


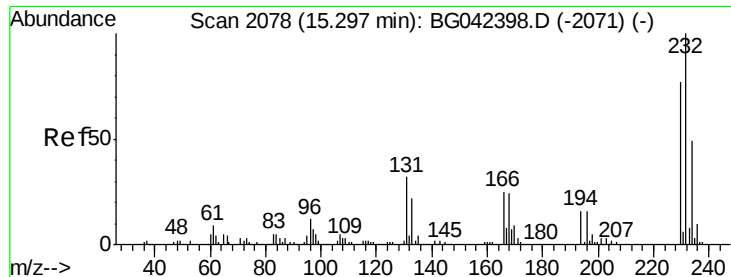
Abundance

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

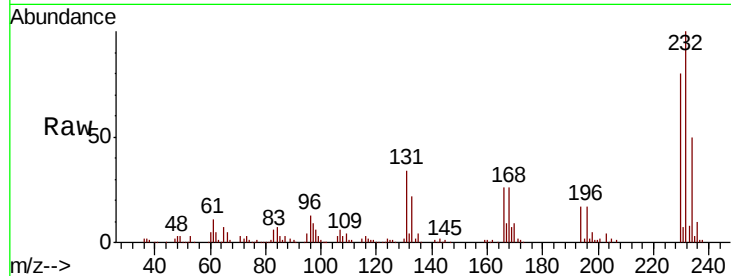




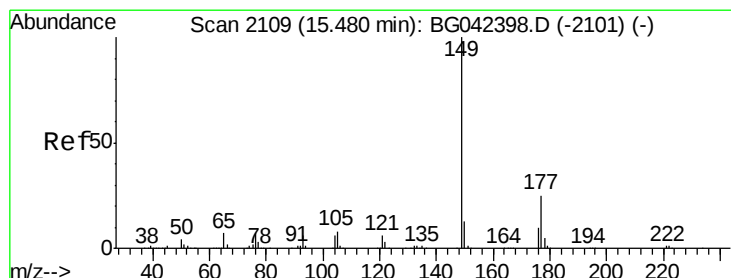
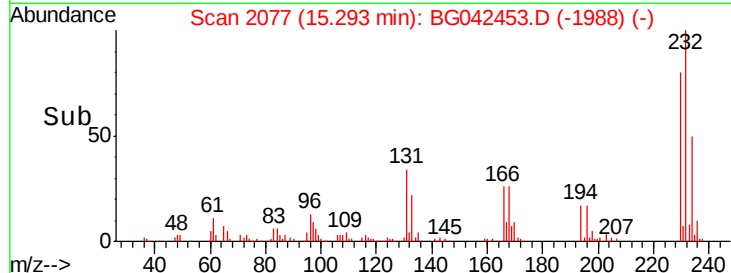
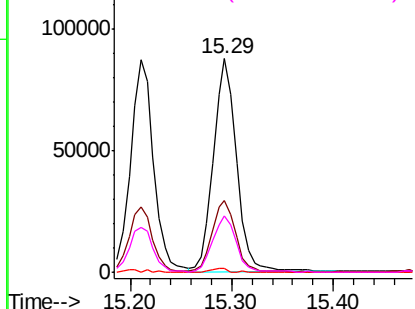
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.174 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	138393
Ion Ratio	Lower	Upper
232	100	
131	34.0	22.9 34.3
130	1.3	1.4 2.0#
166	27.0	17.0 25.4#

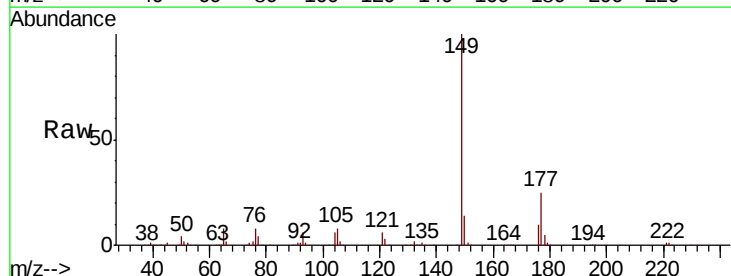


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

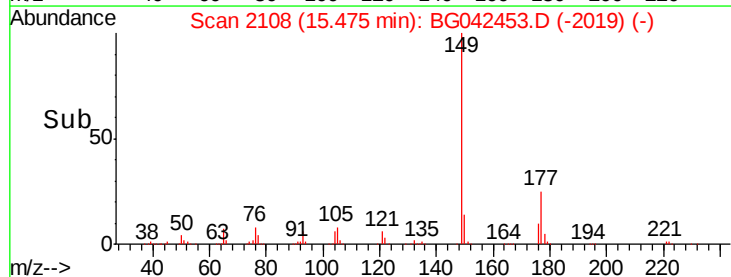
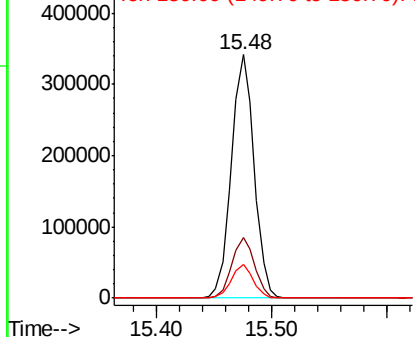


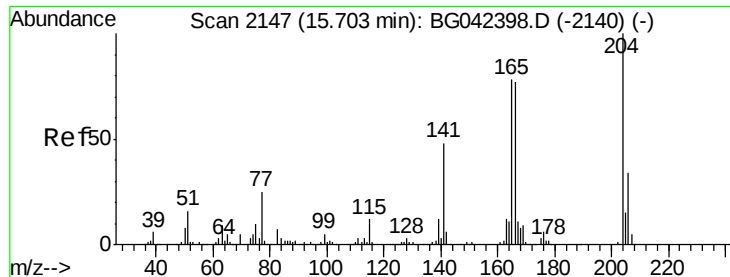
#60
 Diethylphthalate
 Concen: 40.415 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion:149	Resp:	464578
Ion Ratio	Lower	Upper
149	100	
177	25.1	20.4 30.6
150	13.6	10.3 15.5



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

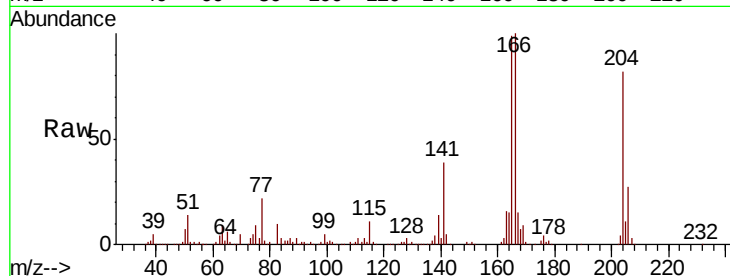




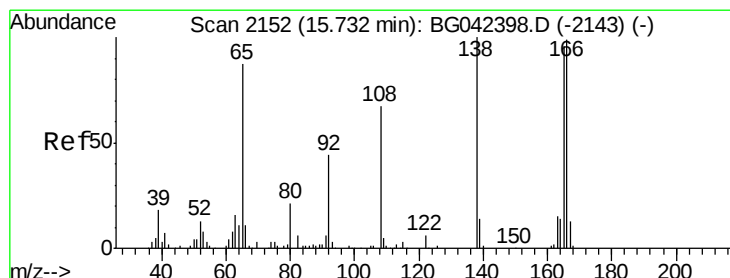
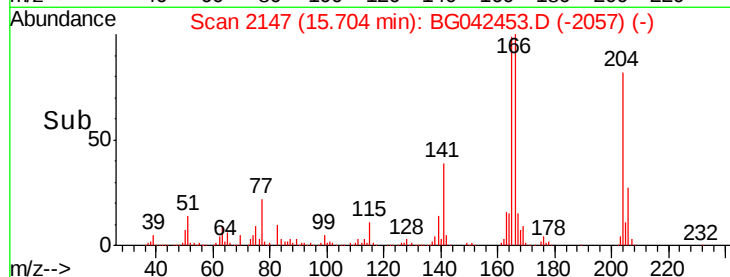
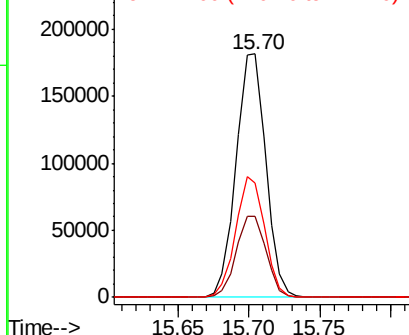
#61
 4-Chlorophenyl-phenylether
 Concen: 39.498 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 267345
 Ion Ratio Lower Upper
 204 100
 206 33.1 27.2 40.8
 141 47.2 38.7 58.1

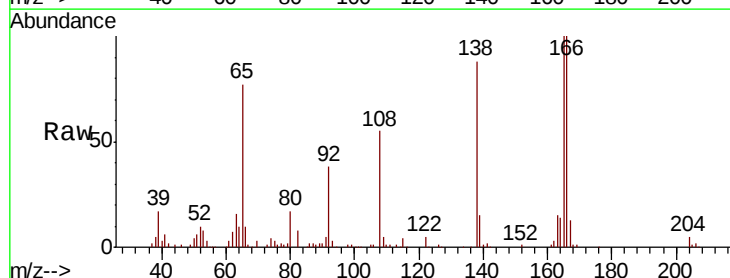


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

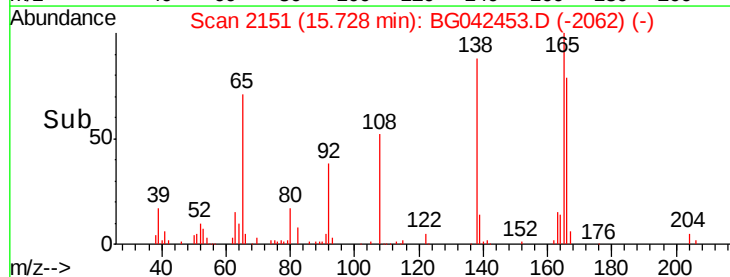
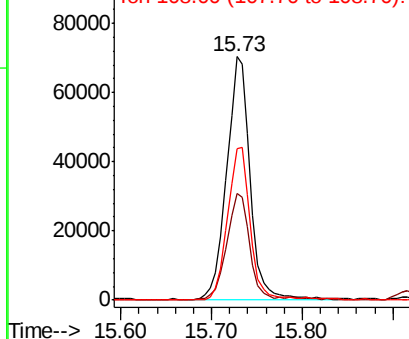


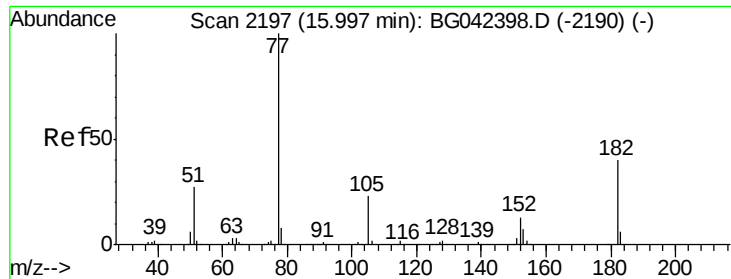
#62
 4-Nitroaniline
 Concen: 42.782 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion:138 Resp: 124812
 Ion Ratio Lower Upper
 138 100
 92 43.6 24.2 64.2
 108 62.5 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.180 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 347994

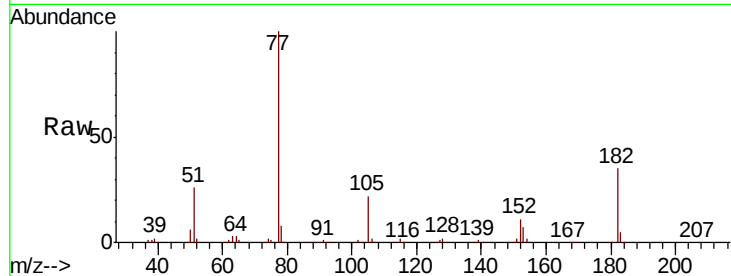
Ion Ratio Lower Upper

77 100

182 35.0 19.9 59.9

105 22.3 2.9 42.9

51 26.3 7.6 47.6

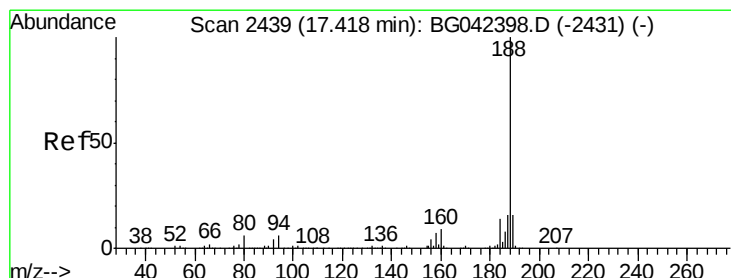
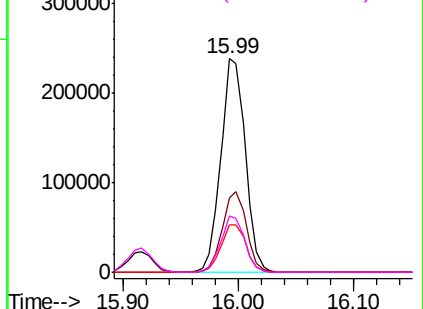
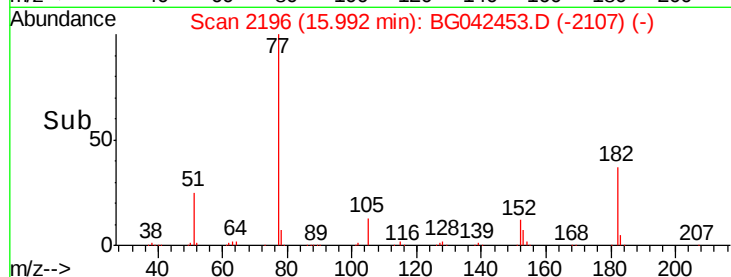


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

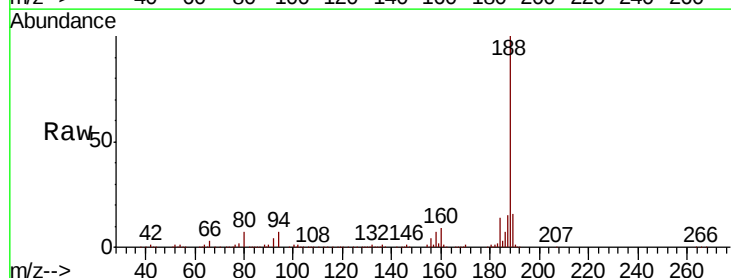
Tgt Ion: 188 Resp: 358694

Ion Ratio Lower Upper

188 100

94 6.8 4.5 6.7#

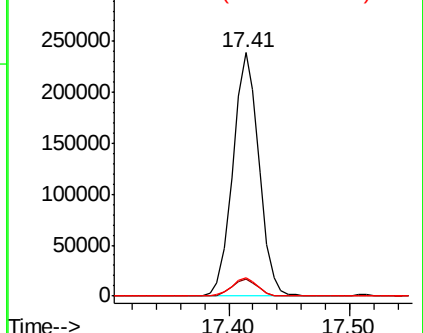
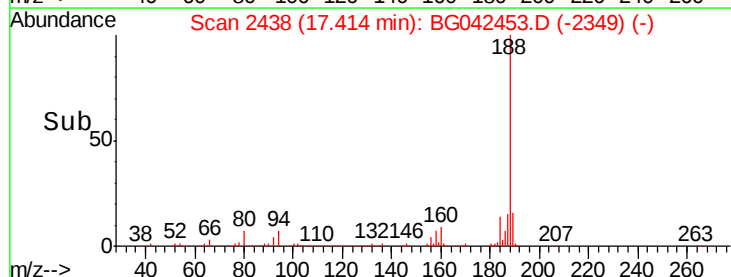
80 7.4 4.9 7.3#

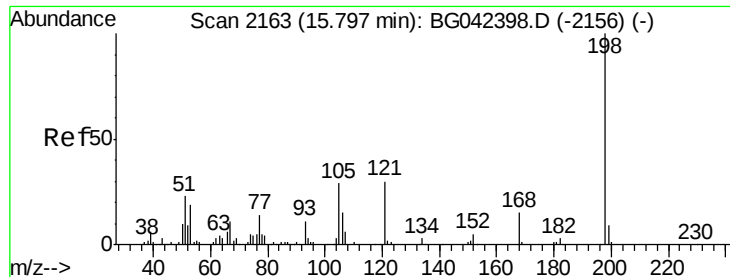


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 17.844 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

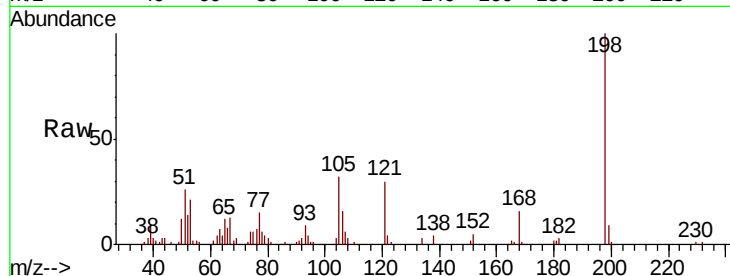
Tot Ion:198 Resp: 40128

Ion Ratio Lower Upper

198 100

51 26.0 4.2 44.2

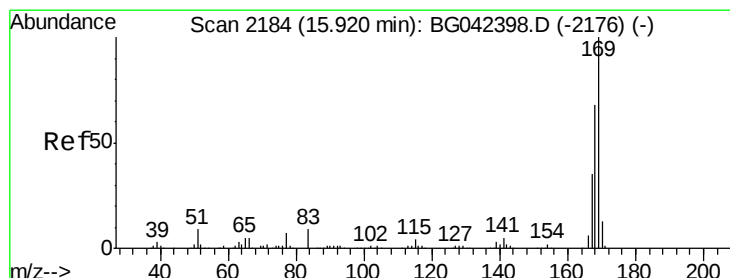
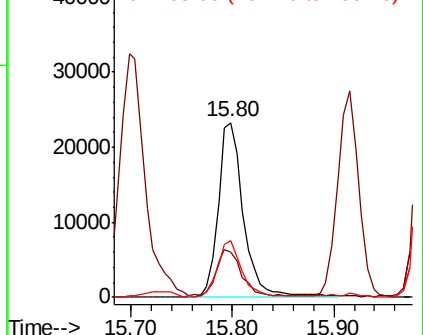
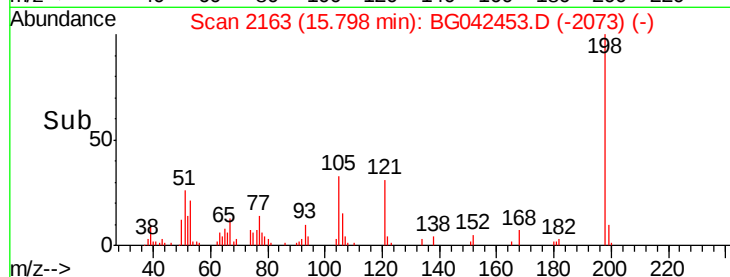
105 32.4 8.8 48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.031 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

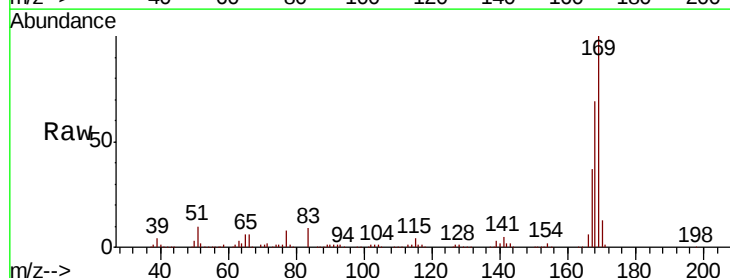
Tgt Ion:169 Resp: 414608

Ion Ratio Lower Upper

169 100

168 68.7 54.3 81.5

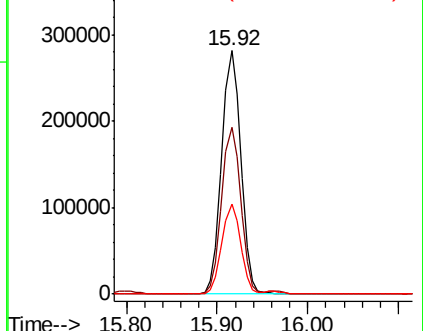
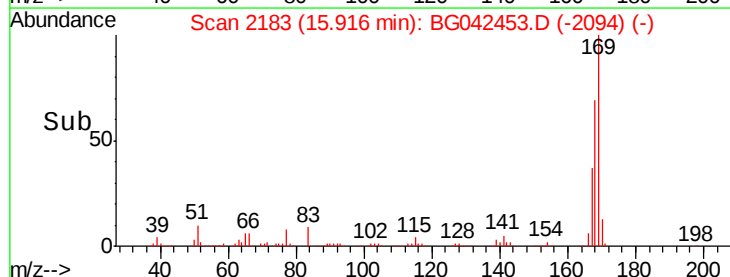
167 36.8 28.2 42.2

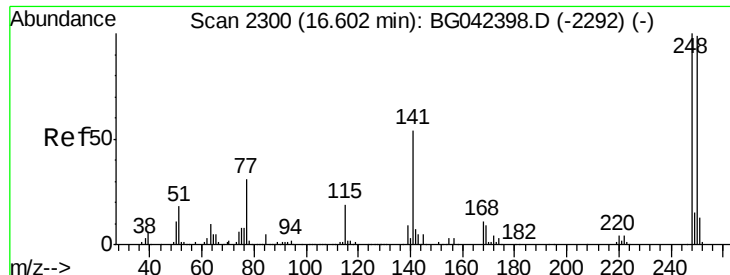


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

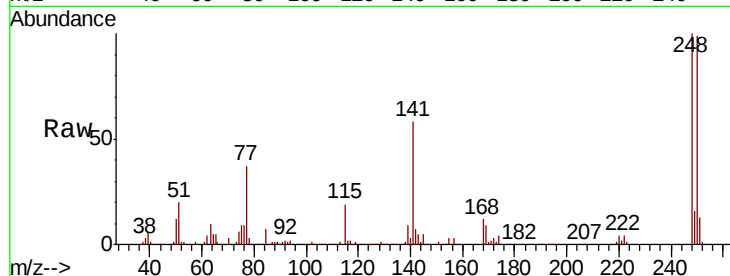




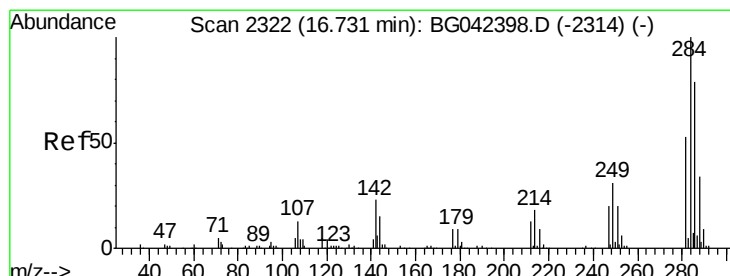
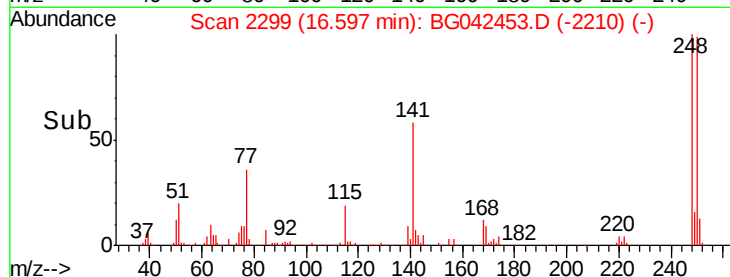
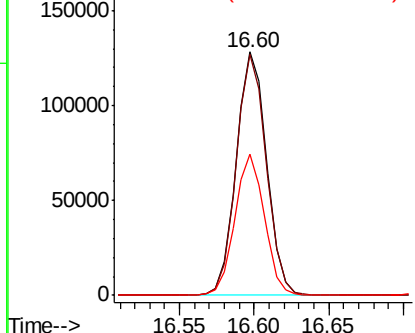
#67
 4-Bromophenyl-phenylether
 Concen: 39.838 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 181255
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.9 118.3
 141 57.8 43.3 64.9

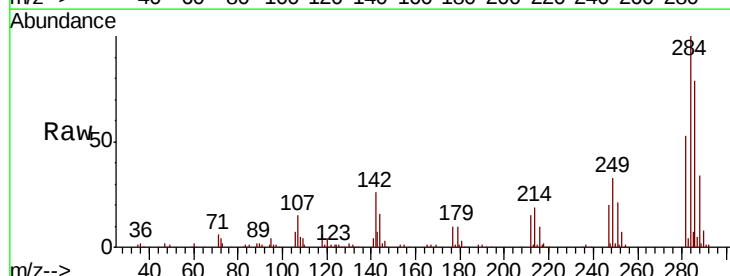


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

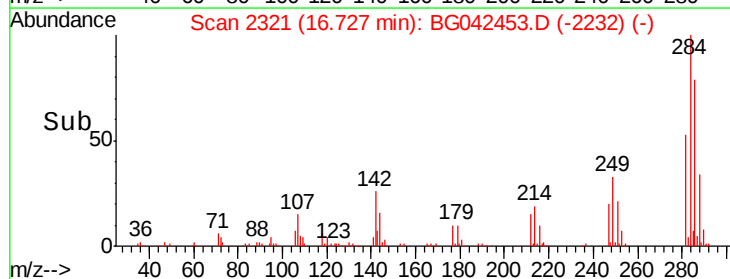
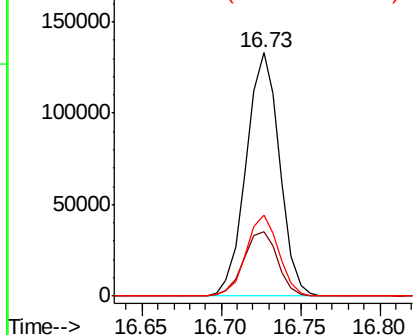


#68
 Hexachlorobenzene
 Concen: 39.327 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion:284 Resp: 194510
 Ion Ratio Lower Upper
 284 100
 142 26.4 18.2 27.4
 249 33.1 25.0 37.4



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: 36.335 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

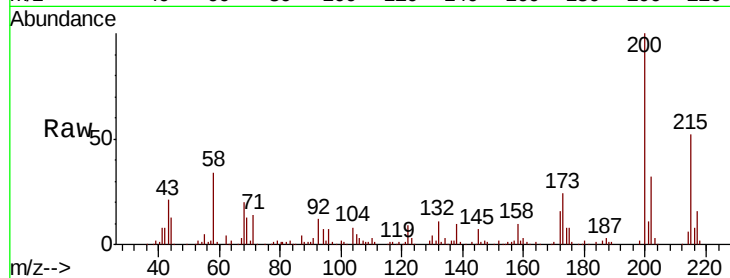
Tot Ion:200 Resp: 126748

Ion Ratio Lower Upper

200 100

173 24.4 4.9 44.9

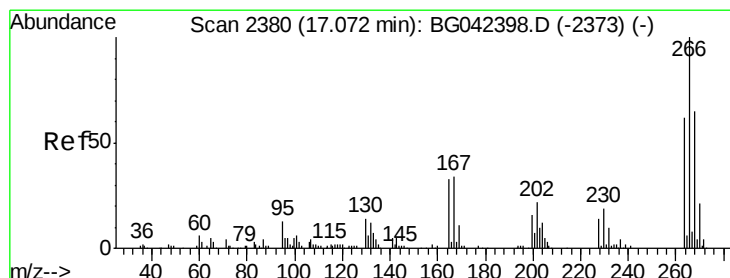
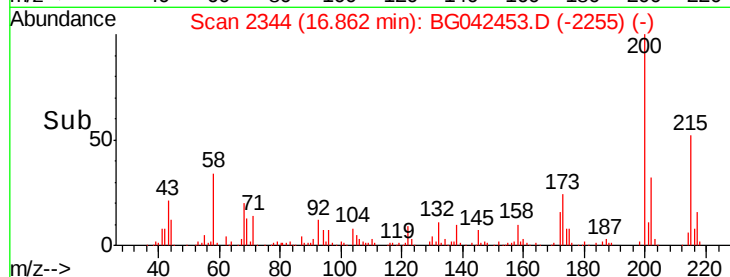
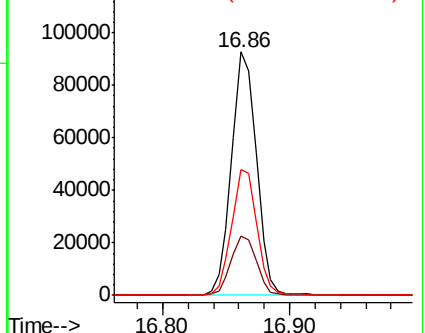
215 51.8 30.7 70.7



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: 35.085 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

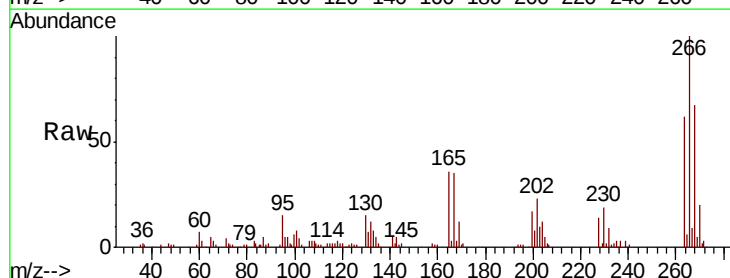
Tgt Ion:266 Resp: 90163

Ion Ratio Lower Upper

266 100

268 66.7 52.1 78.1

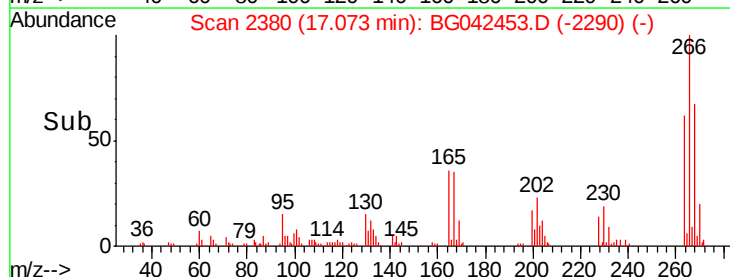
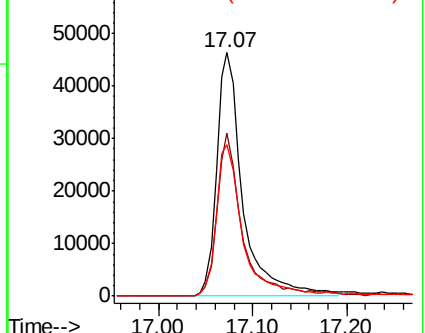
264 62.3 49.4 74.2



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

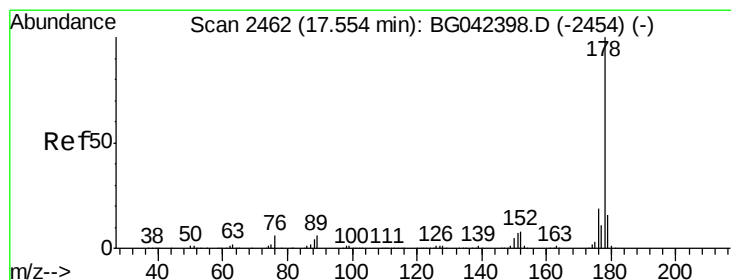
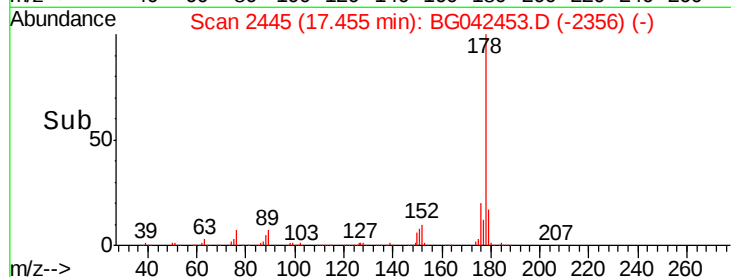
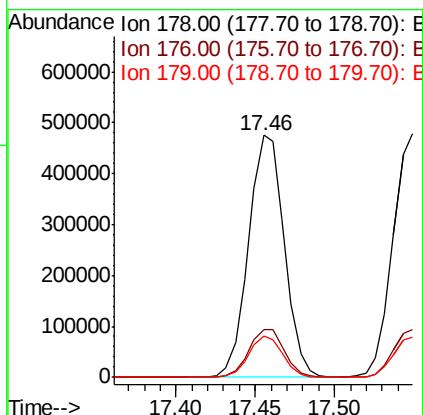
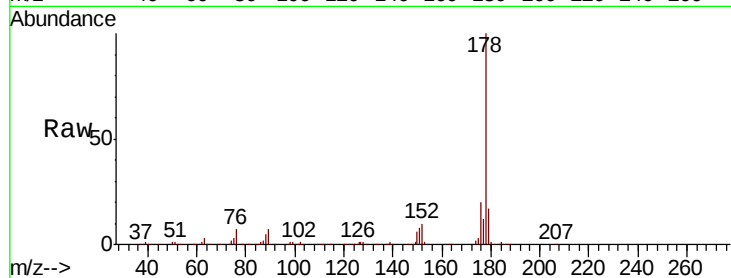




#71
 Phenanthrene
 Concen: 41.732 ng
 RT: 17.46 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

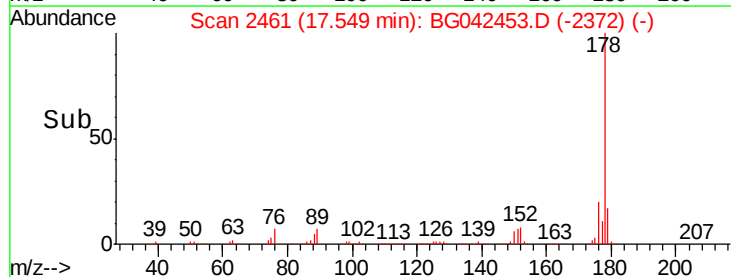
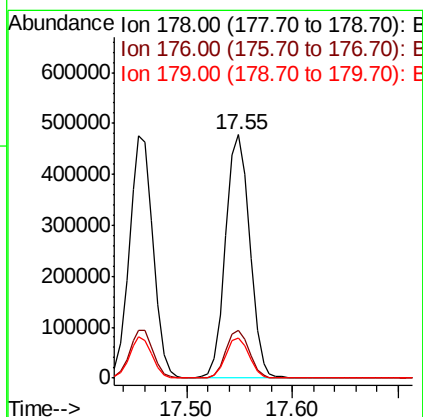
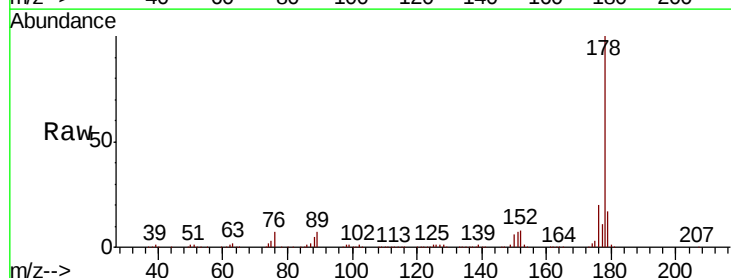
Instrument :
 BNA_G
 ClientSampleId :

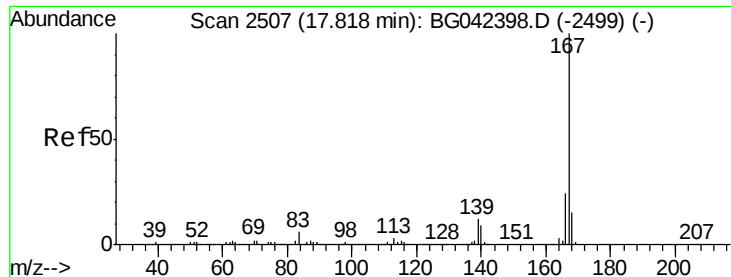
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.9	12.7	19.1



#72
 Anthracene
 Concen: 42.363 ng
 RT: 17.55 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: BG042453.D
 Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.7	12.9	19.3





#73

Carbazole

Concen: 42.630 ng

RT: 17.82 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampled :

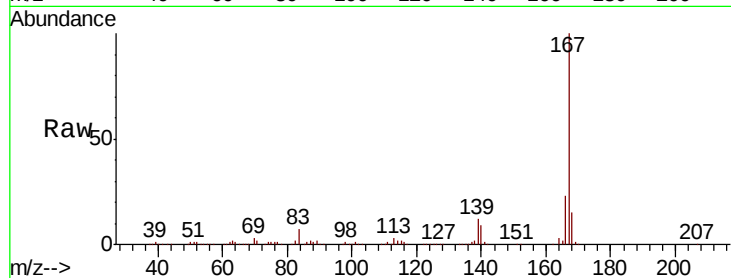
Tot Ion:167 Resp: 675780

Ion Ratio Lower Upper

167 100

166 23.3 18.9 28.3

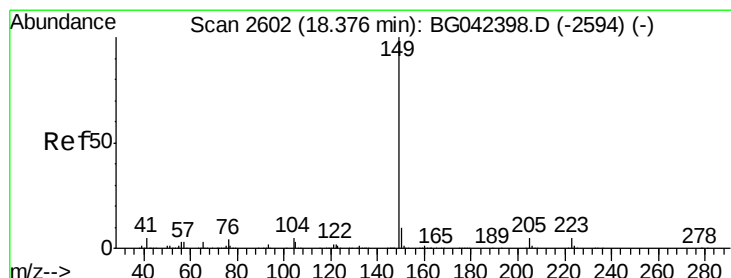
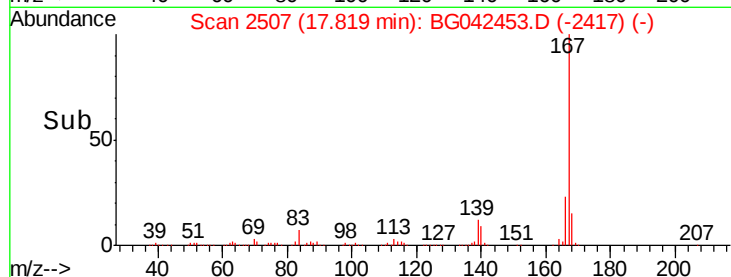
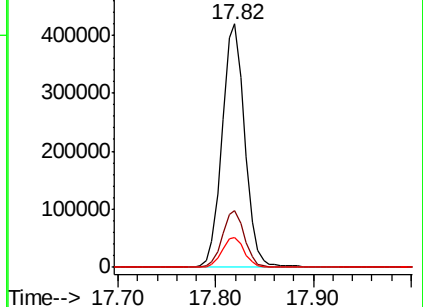
139 12.1 9.8 14.6



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: 43.257 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

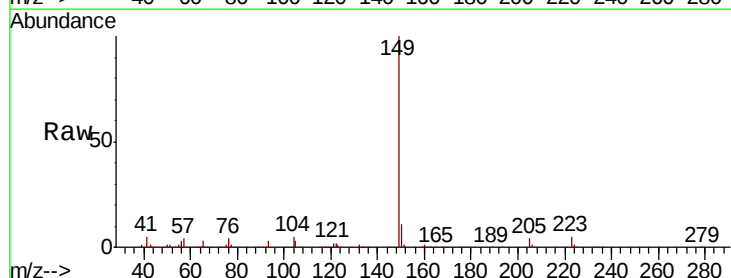
Tgt Ion:149 Resp: 810577

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

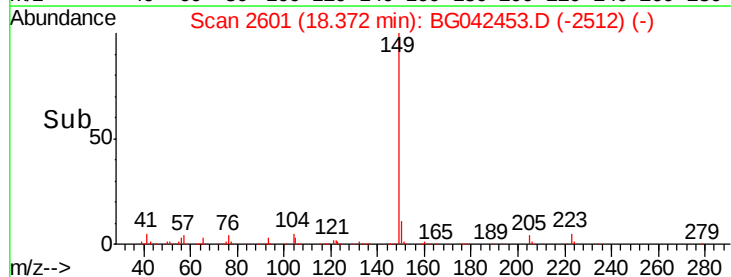
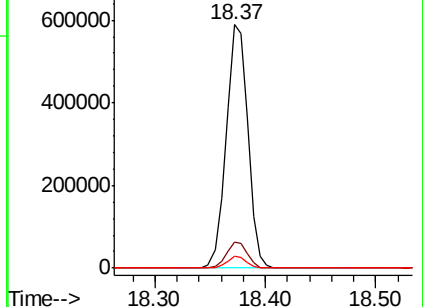
104 4.7 3.7 5.5

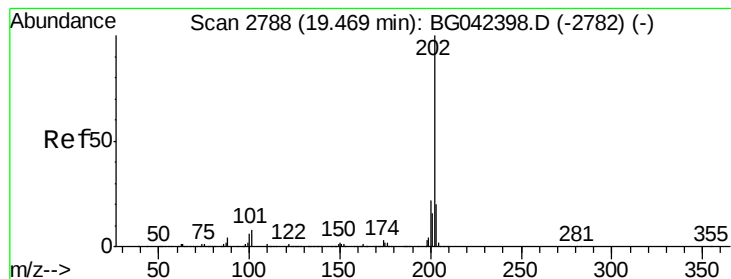


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.343 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

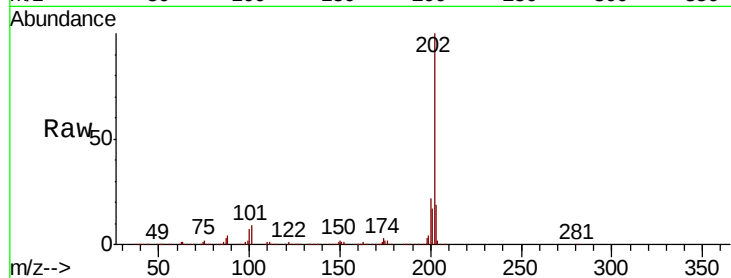
Tot Ion:202 Resp: 920727

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

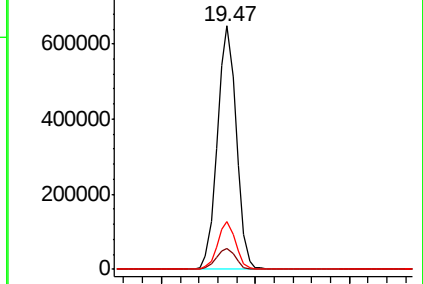
203 19.4 0.0 39.6



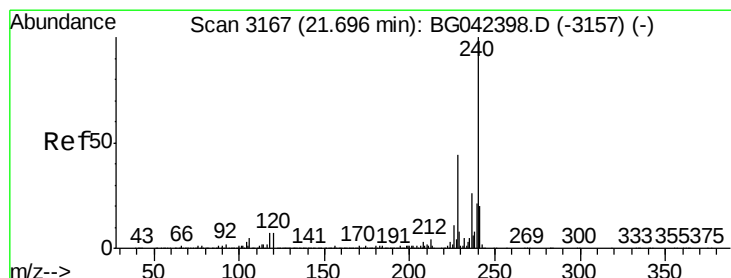
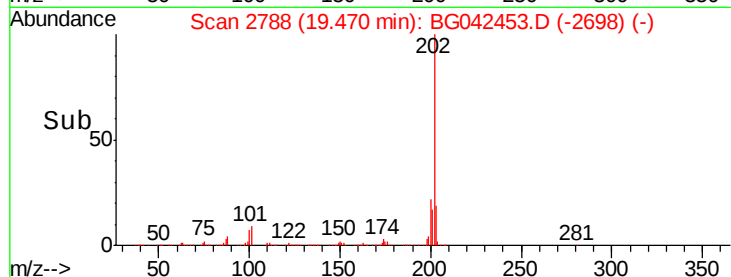
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

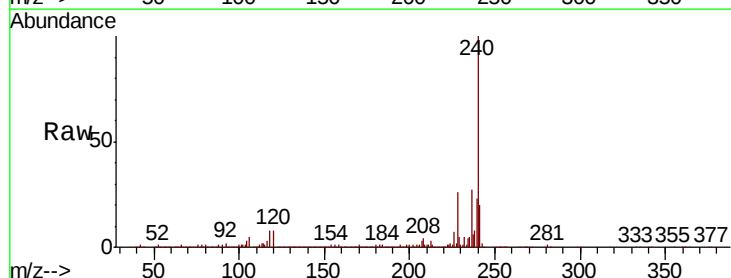
Tgt Ion:240 Resp: 355756

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

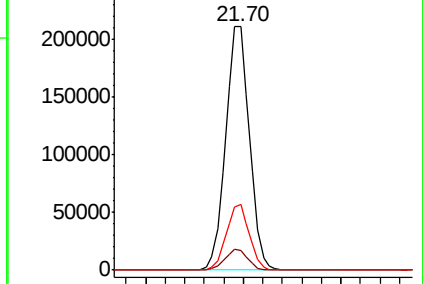
236 26.8 21.0 31.4



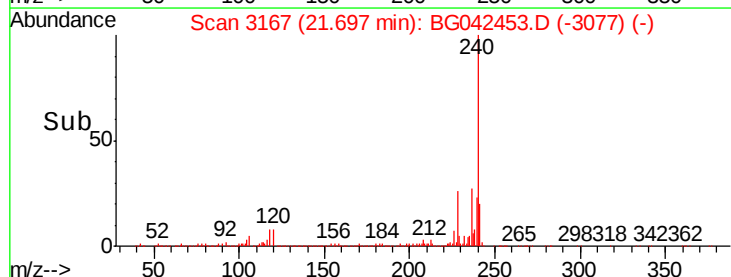
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 37.743 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

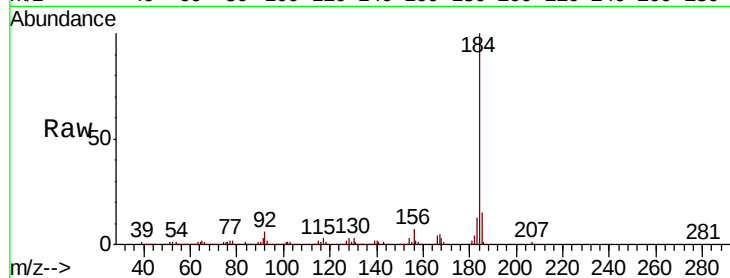
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 384966

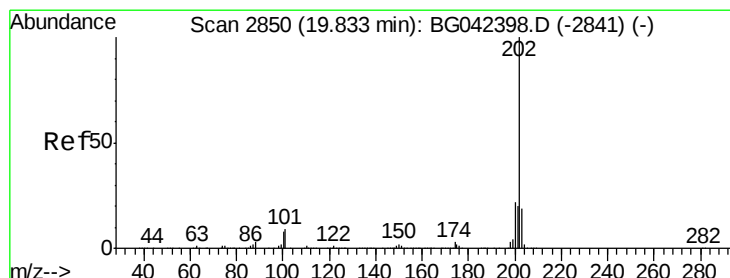
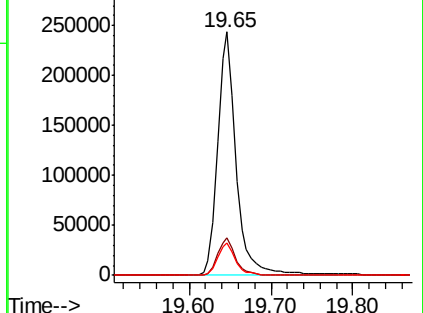
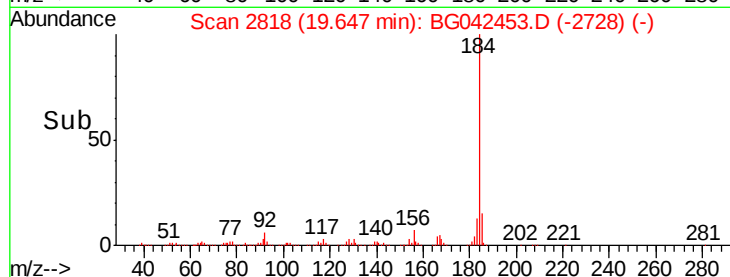
Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.4
183	13.4	10.8	16.2



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: 42.161 ng

RT: 19.83 min Scan# 2849

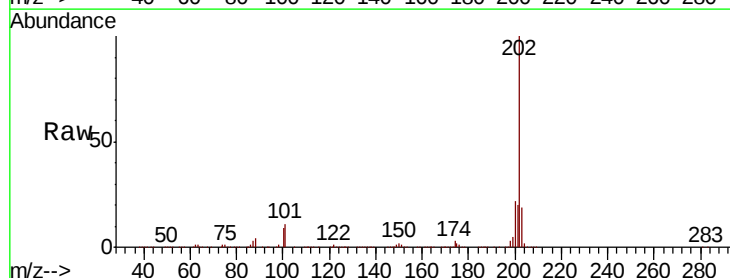
Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Tgt Ion:202 Resp: 919578

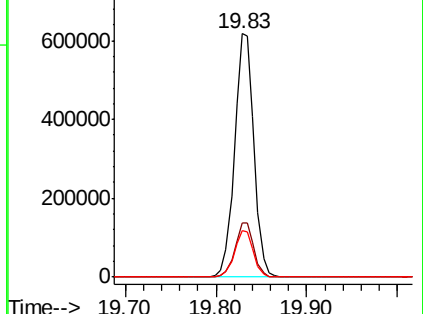
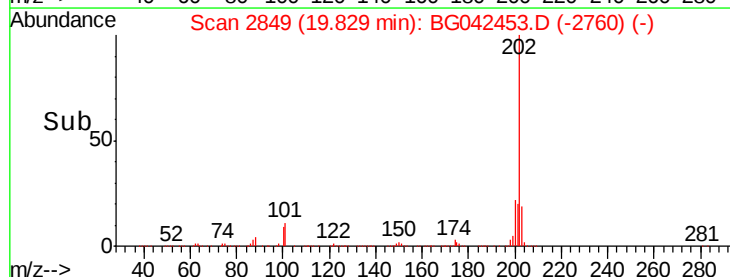
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.8	26.6
203	19.2	15.5	23.3



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: 79.793 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

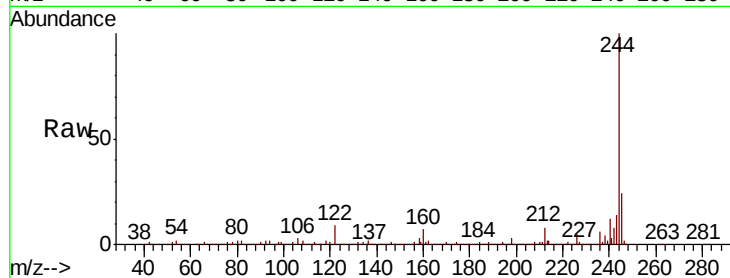
Tot Ion:244 Resp: 1313041

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

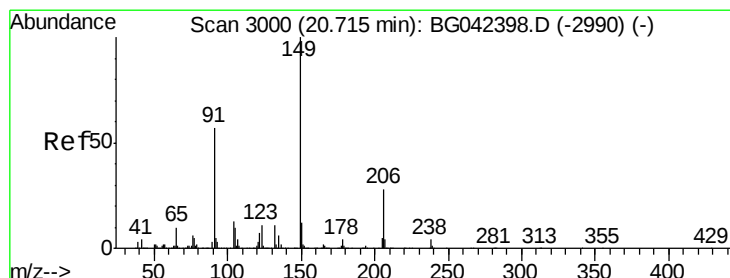
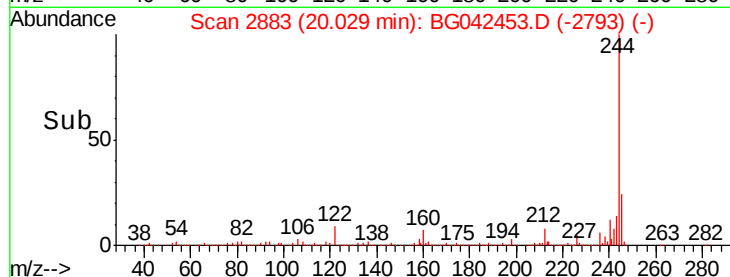
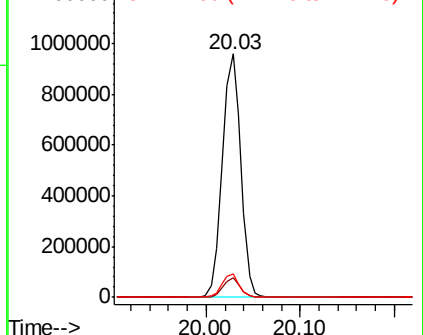
122 9.4 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.741 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

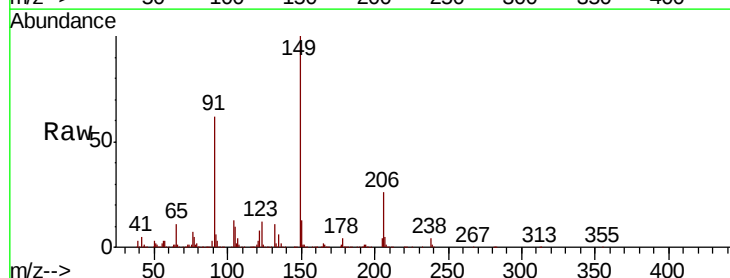
Tgt Ion:149 Resp: 375247

Ion Ratio Lower Upper

149 100

91 61.7 45.9 68.9

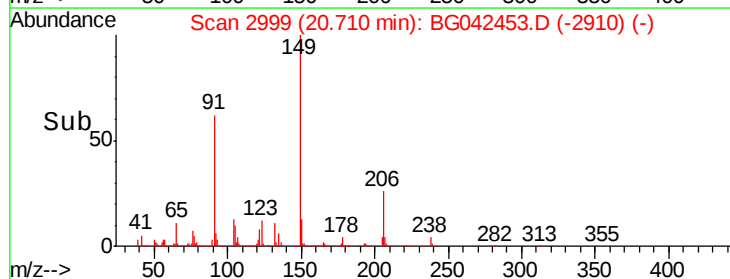
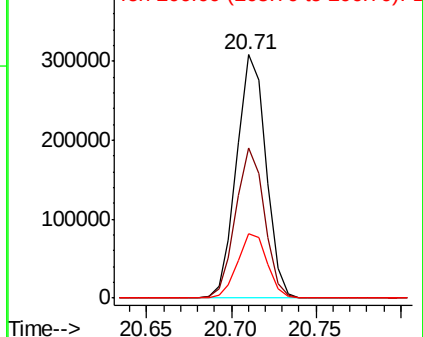
206 26.3 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.160 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

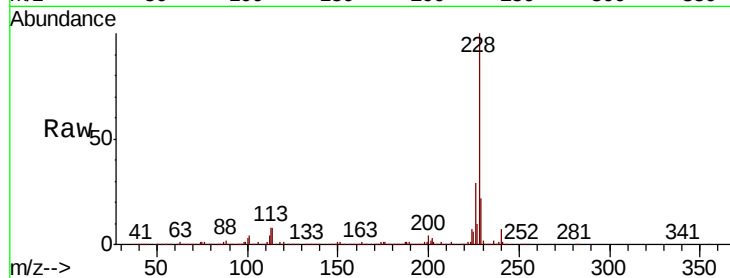
Tot Ion:228 Resp: 912402

Ion Ratio Lower Upper

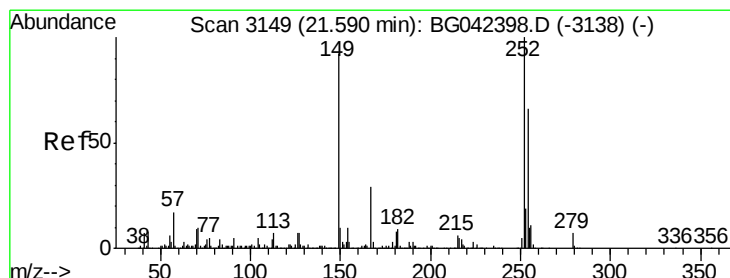
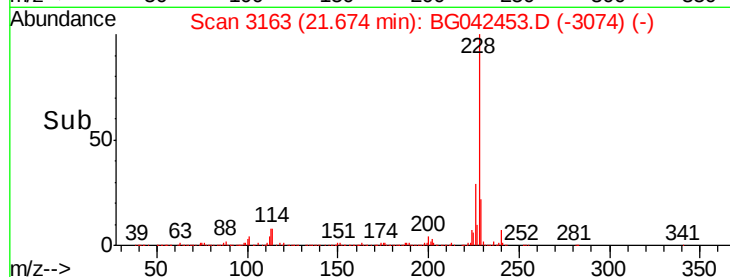
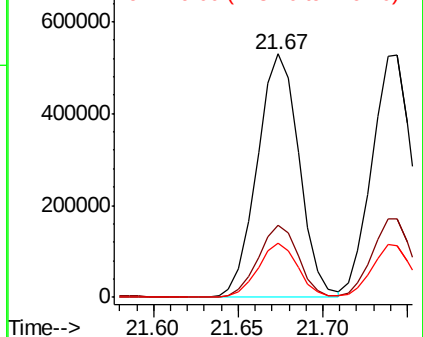
228 100

226 29.4 23.4 35.2

229 22.5 17.4 26.2



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: 39.274 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

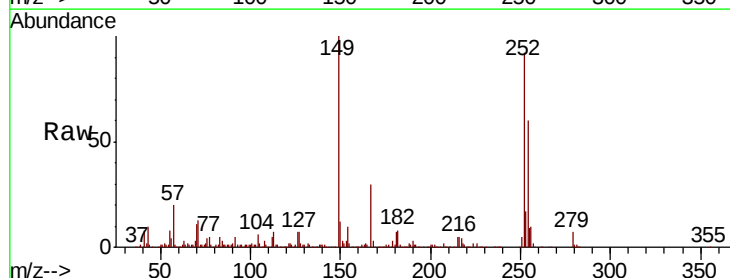
Tgt Ion:252 Resp: 341830

Ion Ratio Lower Upper

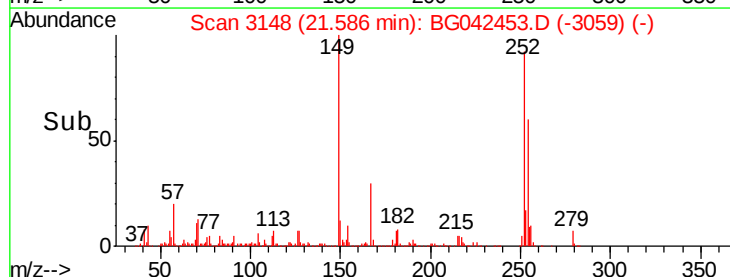
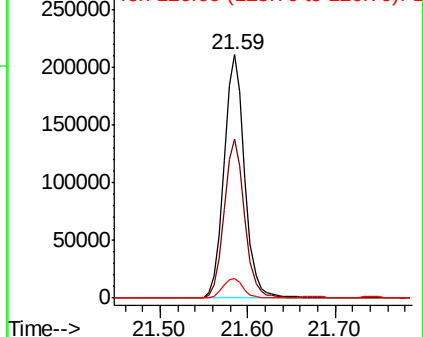
252 100

254 65.3 53.0 79.4

126 8.1 5.7 8.5



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: 41.955 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

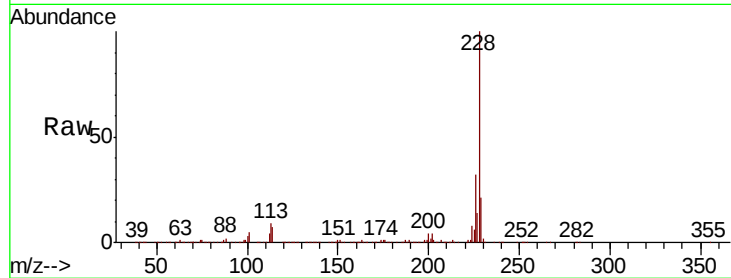
Tot Ion:228 Resp: 875645

Ion Ratio Lower Upper

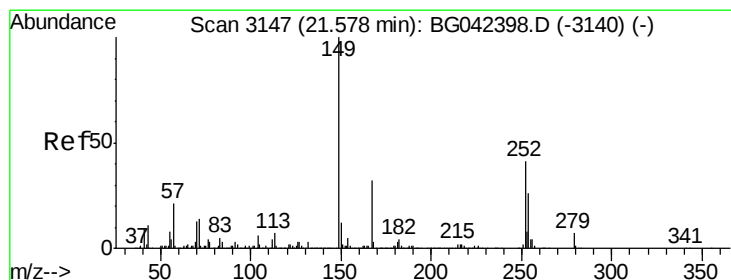
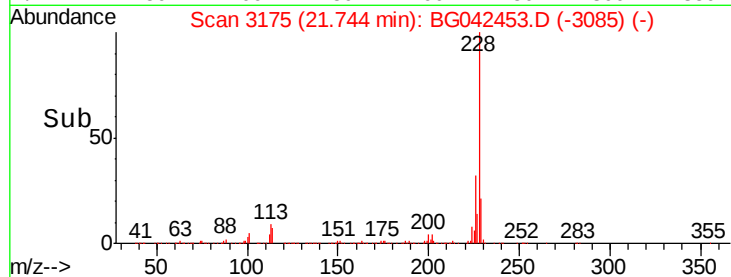
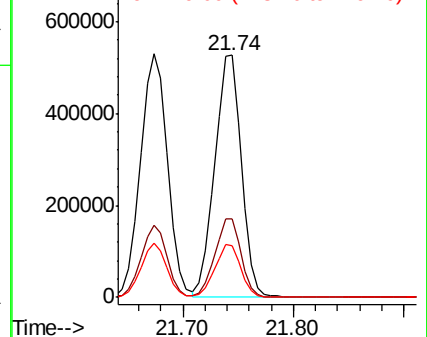
228 100

226 32.4 24.9 37.3

229 21.4 16.9 25.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.632 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

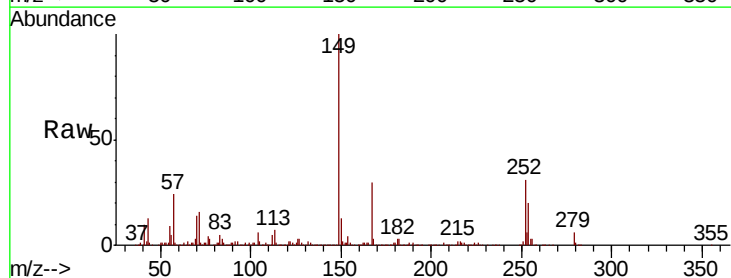
Tgt Ion:149 Resp: 531624

Ion Ratio Lower Upper

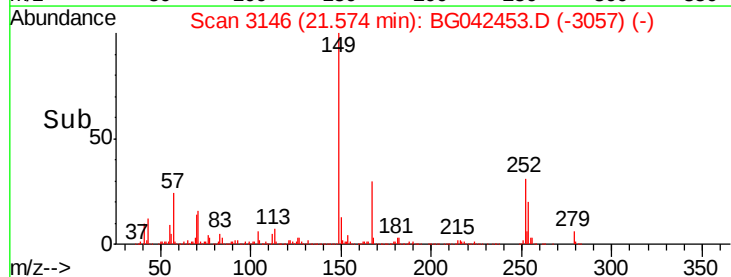
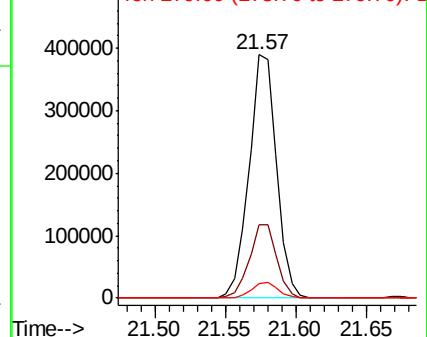
149 100

167 30.0 26.0 39.0

279 5.7 5.4 8.0



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





#85

Di-n-octyl phthalate

Concen: 44.467 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

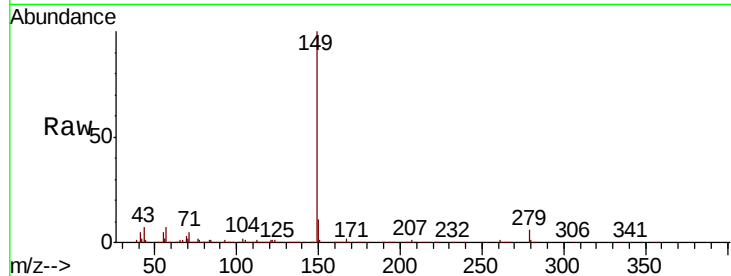
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 910967

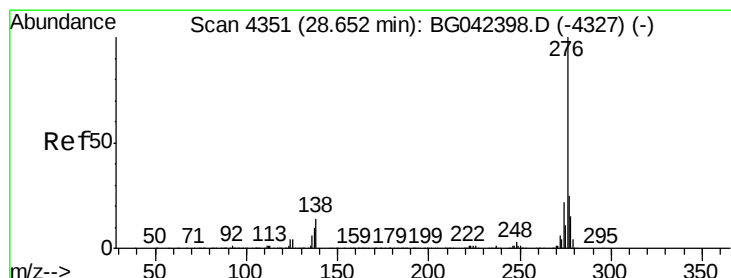
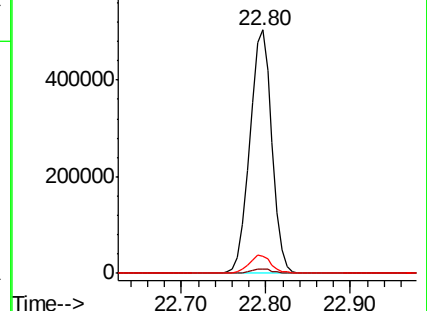
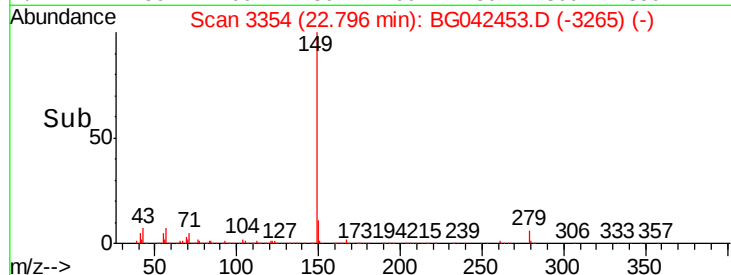
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	7.1	5.3	7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.618 ng

RT: 28.65 min Scan# 4350

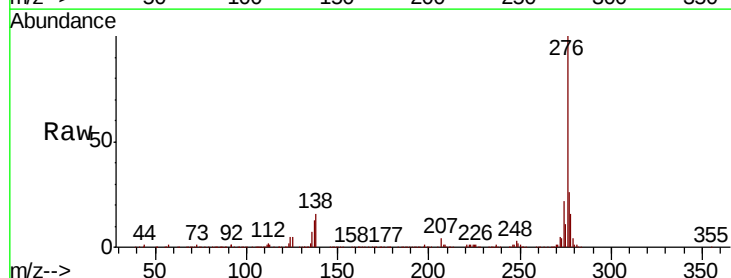
Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Tgt Ion:276 Resp: 1095334

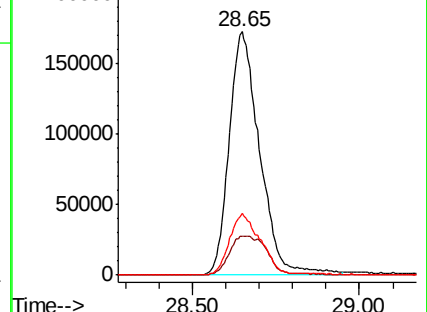
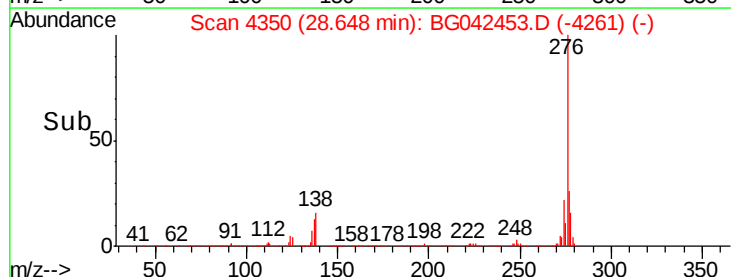
Ion	Ratio	Lower	Upper
276	100		
138	13.0	9.2	13.8
277	25.9	21.0	31.6



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: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampleId :

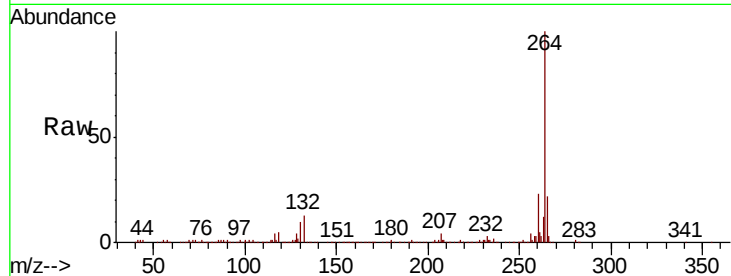
Tot Ion:264 Resp: 424214

Ion Ratio Lower Upper

264 100

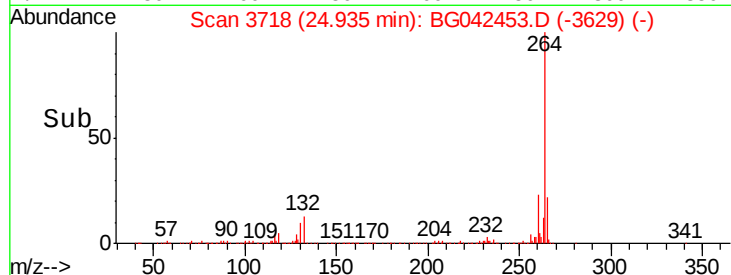
260 23.2 18.5 27.7

265 22.0 17.6 26.4

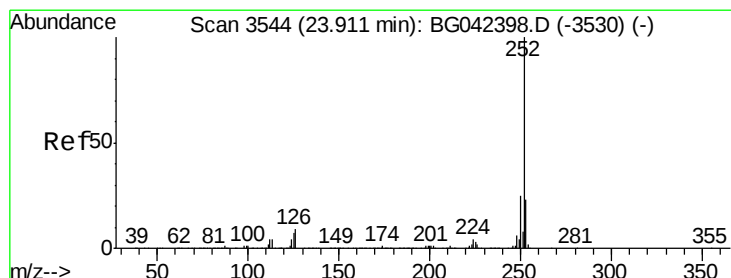


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

24.93



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.628 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

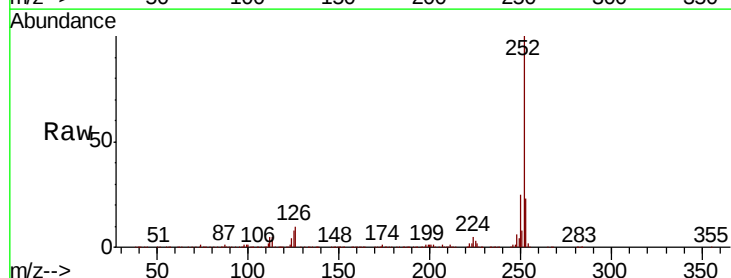
Tgt Ion:252 Resp: 970841

Ion Ratio Lower Upper

252 100

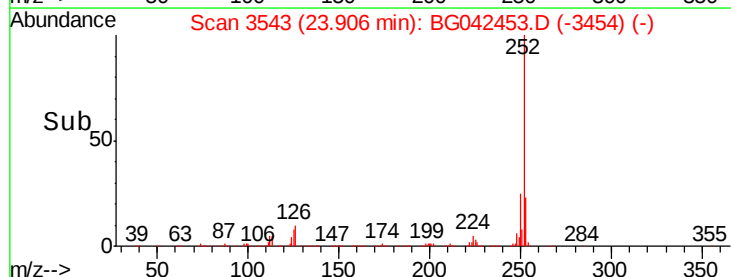
253 23.4 18.6 27.8

125 8.1 5.6 8.4

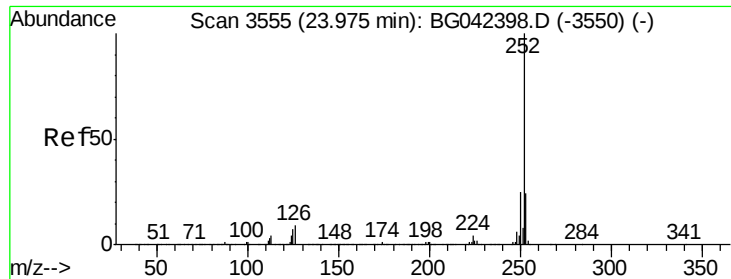


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

23.91



Time-->



#89

Benzo(k)fluoranthene

Concen: 42.129 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

Instrument :

BNA_G

ClientSampled :

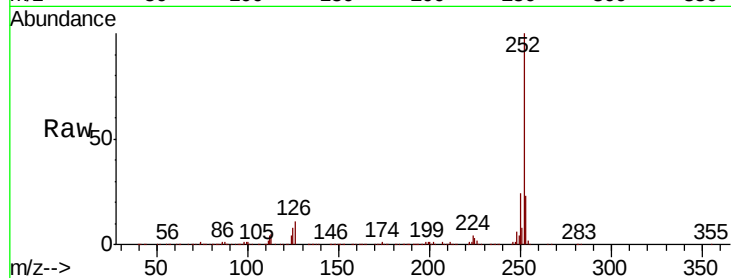
Tot Ion:252 Resp: 944421

Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

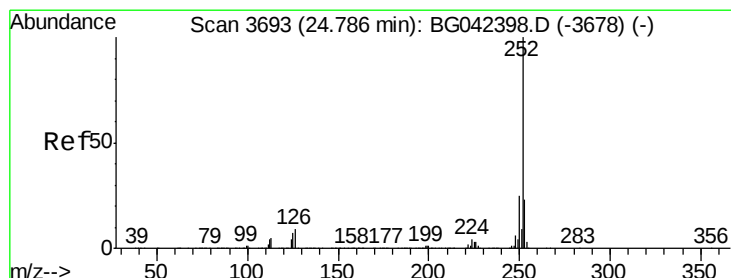
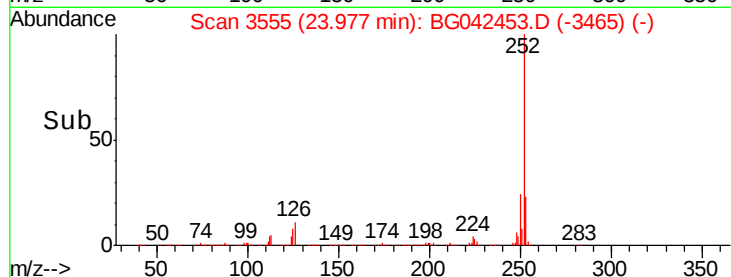
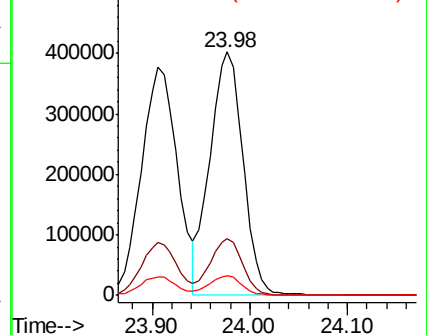
125 8.2 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.043 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG042453.D

Acq: 24 Aug 2019 5:45

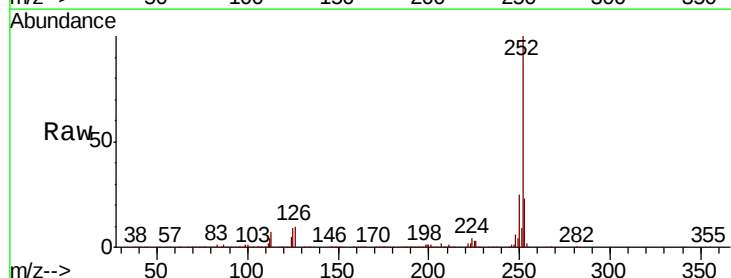
Tgt Ion:252 Resp: 930417

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

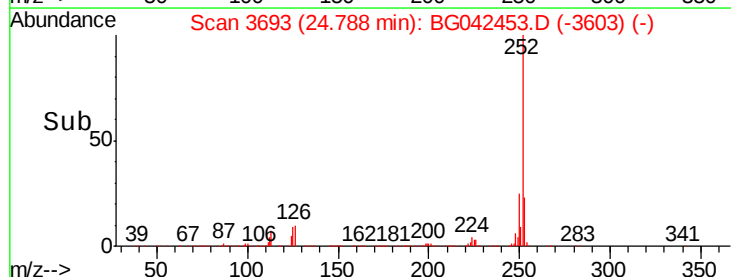
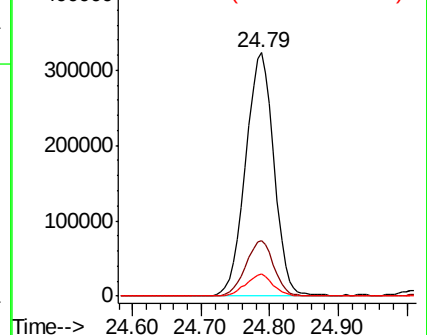
125 9.0 6.0 9.0

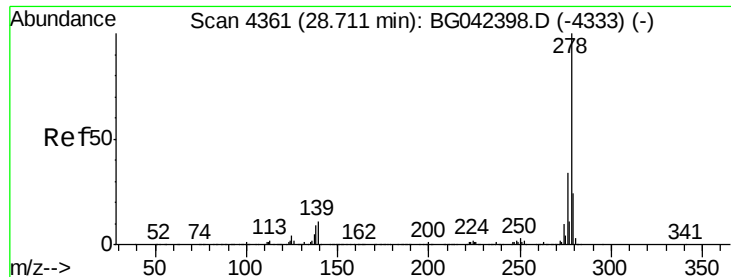


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

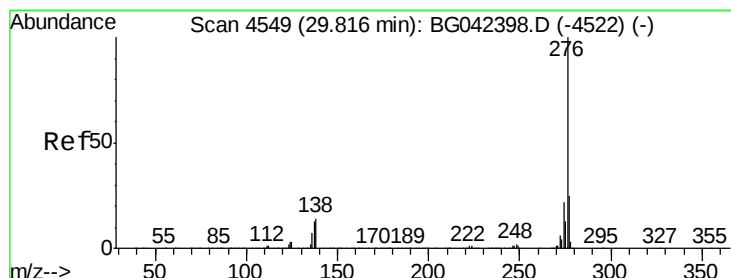
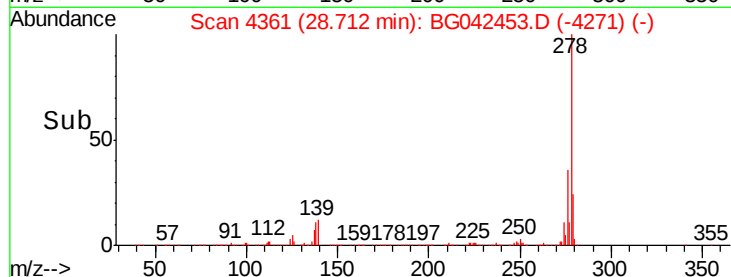
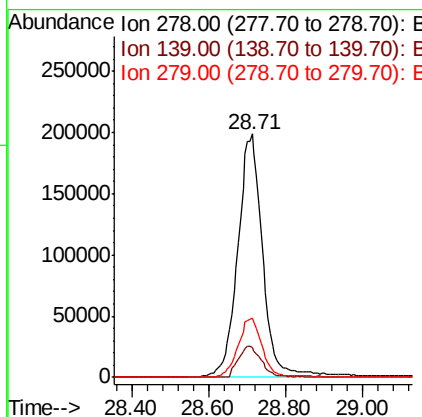
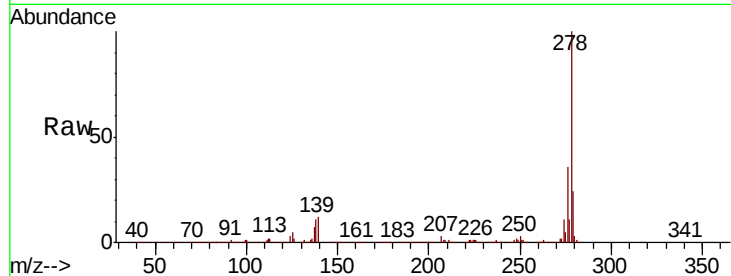




#91
Dibenzo(a,h)anthracene
Concen: 40.002 ng
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	8.8	13.2
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 37.014 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.00 min
Lab File: BG042453.D
Acq: 24 Aug 2019 5:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	17.3	11.4	17.0

