

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040482.D
 Acq On : 15 Apr 2019 16:19
 Operator : JU/SJ
 Sample : K2407-07MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 15 23:20:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56630	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	227899	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	144515	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	389670	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	368768	20.00	ng	-0.03
87) Perylene-d12	24.98	264	420269	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	474524	139.30	ng	-0.02
7) Phenol-d6	7.20	99	669701	142.25	ng	-0.02
23) Nitrobenzene-d5	9.23	82	402846	93.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	256804	164.43	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	854198	87.58	ng	-0.03
79) Terphenyl-d14	20.02	244	1433317	87.44	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	63473	39.626	ng	97
3) Pyridine	3.90	79	153423	35.575	ng	97
4) n-Nitrosodimethylamine	3.82	42	86130	43.174	ng	# 90
6) Aniline	7.37	93	152551	24.941	ng	97
8) 2-Chlorophenol	7.61	128	179495	45.013	ng	99
9) Benzaldehyde	7.19	77	69402	21.491	ng	97
10) Phenol	7.23	94	240541	47.073	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	173627	42.423	ng	100
12) 1,3-Dichlorobenzene	7.93	146	184147	42.481	ng	96
13) 1,4-Dichlorobenzene	8.08	146	188907	43.755	ng	97
14) 1,2-Dichlorobenzene	8.40	146	177573	43.009	ng	99
15) Benzyl Alcohol	8.29	79	165407	43.627	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	343618	43.746	ng	99
17) 2-Methylphenol	8.48	107	162050	45.829	ng	99
18) Hexachloroethane	9.13	117	67848	41.314	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	139255	41.256	ng	98
20) 3+4-Methylphenols	8.81	107	226277	47.238	ng	97
22) Acetophenone	8.88	105	277637	48.838	ng	# 98
24) Nitrobenzene	9.27	77	210387	47.385	ng	100
25) Isophorone	9.78	82	405742	45.992	ng	98
26) 2-Nitrophenol	9.97	139	100379	47.713	ng	96
27) 2,4-Dimethylphenol	10.02	122	178843	53.518	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	244704	46.884	ng	98
29) 2,4-Dichlorophenol	10.51	162	185660	51.185	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	188699	47.378	ng	99
31) Naphthalene	10.91	128	562635	48.165	ng	98
32) Benzoic acid	10.02	122	178843	88.577	ng	# 16
33) 4-Chloroaniline	11.03	127	117331	23.547	ng	96
34) Hexachlorobutadiene	11.17	225	112639	44.220	ng	97
35) Caprolactam	11.82	113	43268	30.059	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	218158	52.317	ng	98
37) 2-Methylnaphthalene	12.51	142	424260	49.107	ng	99
38) 1-Methylnaphthalene	12.73	142	405219	48.369	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	213801	46.547	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	228633	90.656	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	148646	50.195	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	163301	50.592	ng	98
46) 1,1'-Biphenyl	13.51	154	546045	47.821	ng	99
47) 2-Chloronaphthalene	13.56	162	421273	48.097	ng	99
48) 2-Nitroaniline	13.77	65	154048	52.142	ng	96
49) Acenaphthylene	14.41	152	712479	47.977	ng	99
50) Dimethylphthalate	14.13	163	622480	55.037	ng	100
51) 2,6-Dinitrotoluene	14.26	165	132594	52.211	ng	97
52) Acenaphthene	14.74	154	413793	48.628	ng	99
53) 3-Nitroaniline	14.60	138	92073	34.251	ng	# 92
54) 2,4-Dinitrophenol	14.81	184	91560	67.792	ng	95
55) Dibenzofuran	15.08	168	690389	50.491	ng	99
56) 4-Nitrophenol	14.91	139	220907	101.818	ng	97
57) 2,4-Dinitrotoluene	15.05	165	191701	54.325	ng	98
58) Fluorene	15.72	166	543612	50.567	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	166489	56.840	ng	98
60) Diethylphthalate	15.48	149	608847	52.606	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	295429	51.412	ng	97
62) 4-Nitroaniline	15.76	138	156350	54.196	ng	99
63) Azobenzene	16.01	77	565688	51.817	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	98853	45.154	ng	97
66) n-Nitrosodiphenylamine	15.93	169	528551	46.353	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	198442	45.253	ng	97
68) Hexachlorobenzene	16.72	284	203816	46.227	ng	98
69) Atrazine	16.87	200	203724	48.028	ng	97
70) Pentachlorophenol	17.07	266	212727	83.453	ng	99
71) Phenanthrene	17.47	178	986069	48.144	ng	99
72) Anthracene	17.56	178	991316	48.355	ng	99
73) Carbazole	17.83	167	952734	49.106	ng	98
74) Di-n-butylphthalate	18.36	149	1135665	49.382	ng	99
75) Fluoranthene	19.47	202	1208018	49.809	ng	99
77) Benzidine	19.66	184	307392	23.083	ng	97
78) Pyrene	19.84	202	1235267	50.937	ng	99
80) Butylbenzylphthalate	20.71	149	555474	53.529	ng	97
81) Benzo(a)anthracene	21.68	228	1114770	49.078	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	259131	29.990	ng	100
83) Chrysene	21.75	228	1107258	50.723	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	787574	53.093	ng	99
85) Di-n-octyl phthalate	22.77	149	1359748	53.802	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1385896	51.908	ng	# 87
88) Benzo(b)fluoranthene	23.93	252	1223578	47.554	ng	99
89) Benzo(k)fluoranthene	24.00	252	1180446	49.888	ng	99
90) Benzo(a)pyrene	24.83	252	1203328	49.844	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	1127771	50.298	ng	99
92) Benzo(g,h,i)perylene	29.94	276	1132606	49.152	ng	98

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

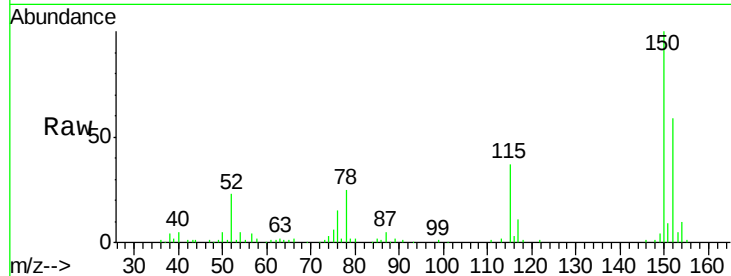


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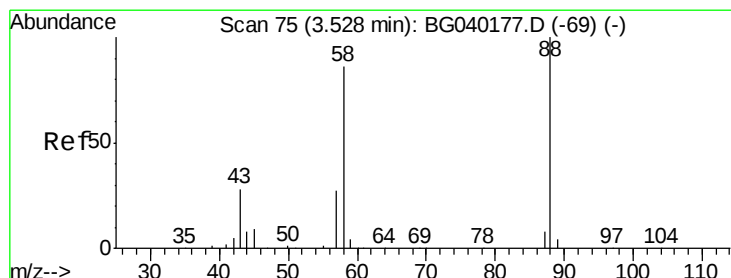
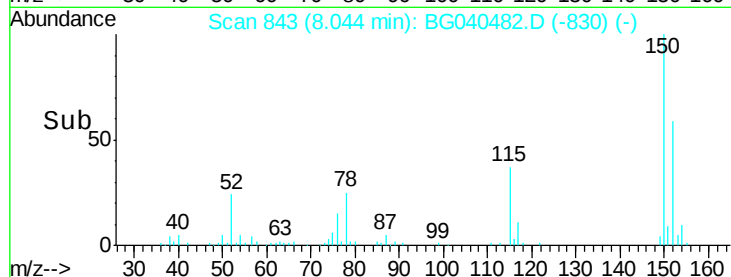
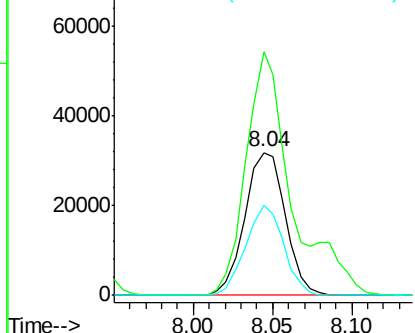
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56630
Ion Ratio Lower Upper
152 100
150 170.4 123.7 185.5
115 63.0 46.9 70.3



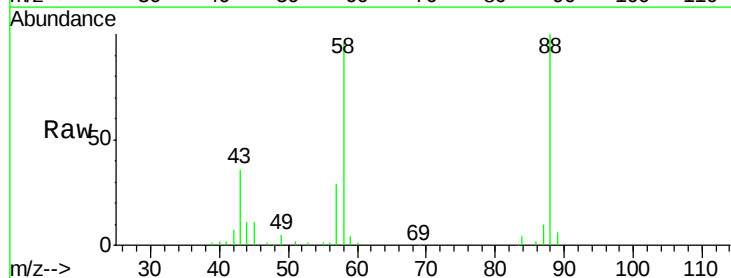
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



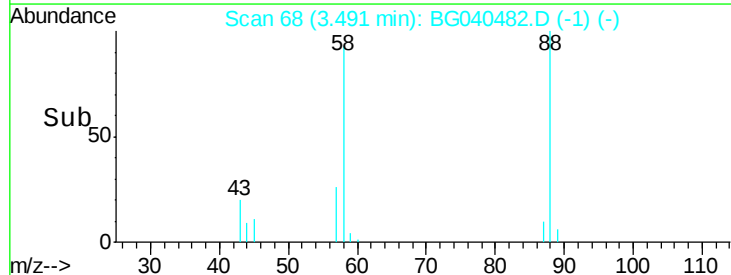
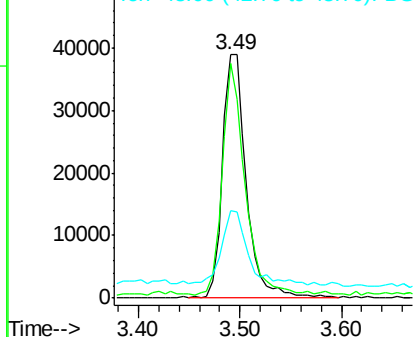
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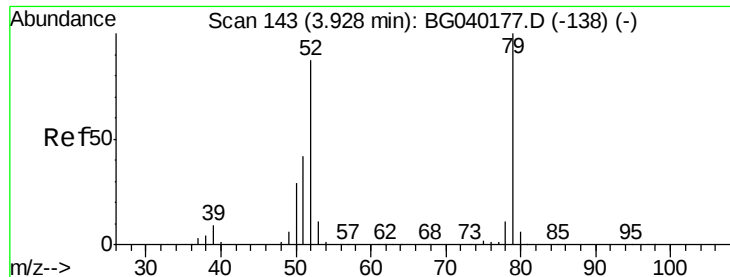
1,4-Dioxane
Concen: 39.626 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion: 88 Resp: 63473
Ion Ratio Lower Upper
88 100
58 90.3 70.6 106.0
43 34.6 24.8 37.2



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: 35.575 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

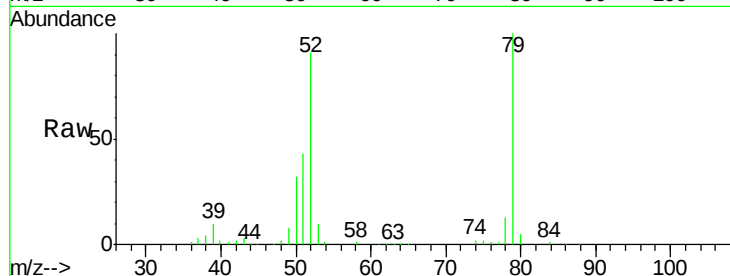
Tot Ion: 79 Resp: 153423

Ion Ratio Lower Upper

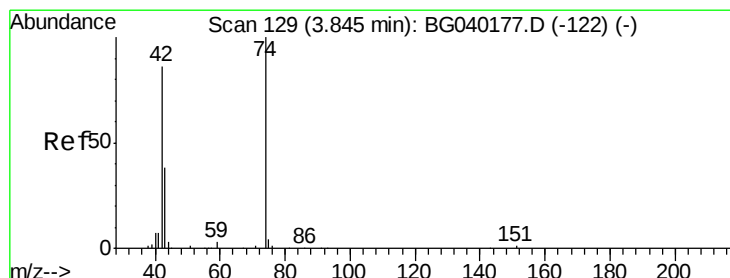
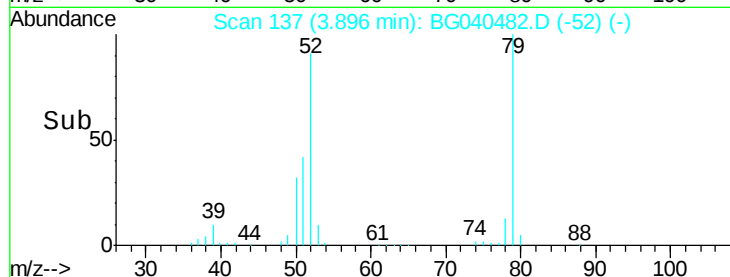
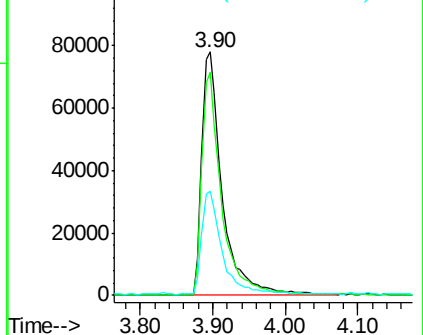
79 100

52 91.5 69.8 104.8

51 42.6 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 43.174 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

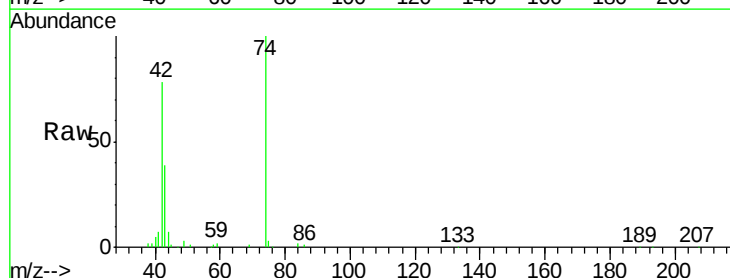
Tgt Ion: 42 Resp: 86130

Ion Ratio Lower Upper

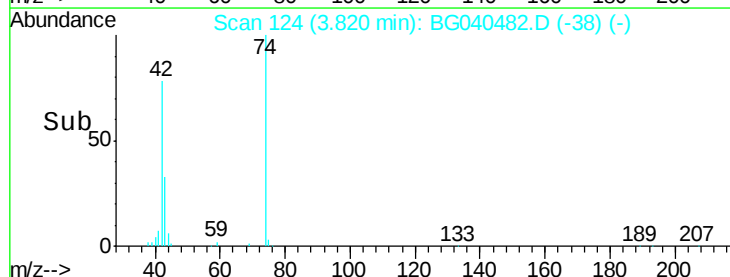
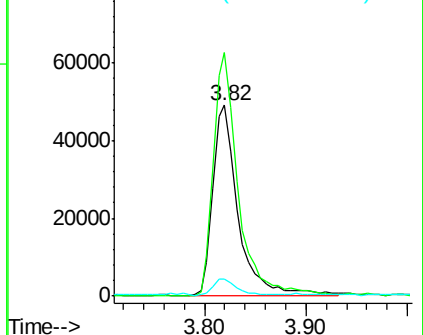
42 100

74 127.6 92.9 139.3

44 8.8 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 139.300 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

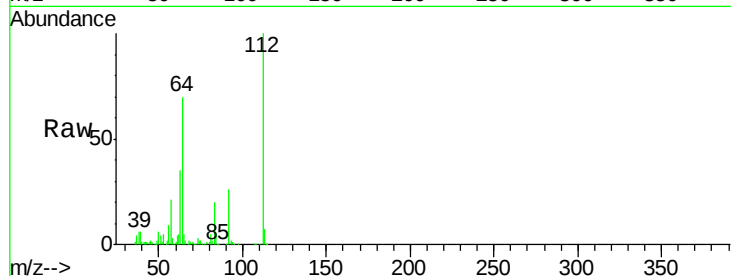
Tot Ion:112 Resp: 474524

Ion Ratio Lower Upper

112 100

64 70.2 54.2 81.2

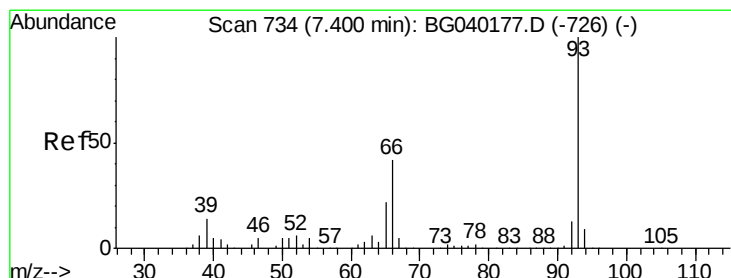
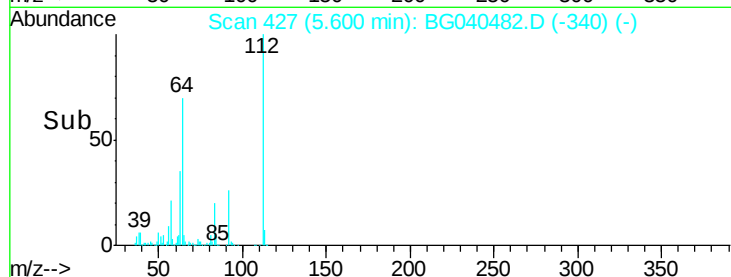
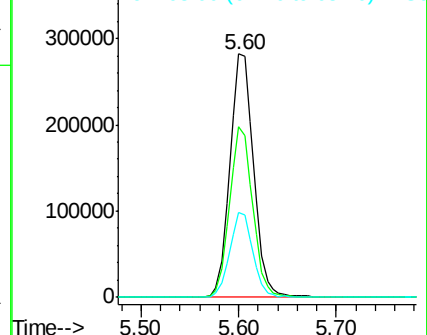
63 34.6 26.4 39.6



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: 24.941 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

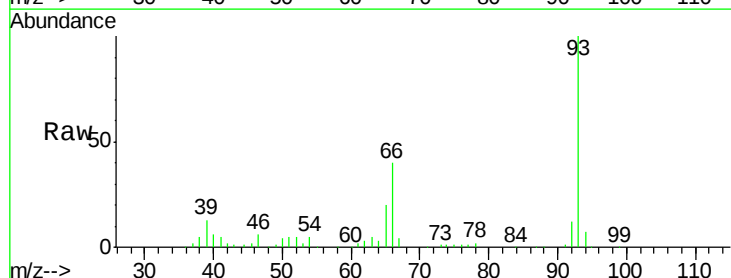
Tgt Ion: 93 Resp: 152551

Ion Ratio Lower Upper

93 100

66 39.9 33.6 50.4

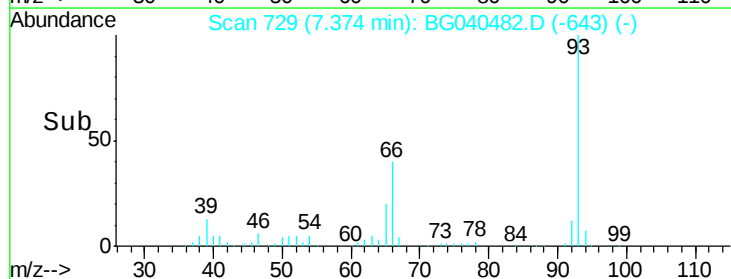
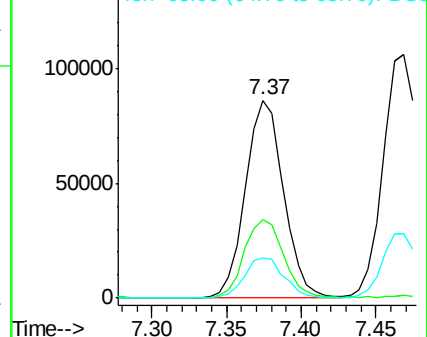
65 20.5 17.4 26.2

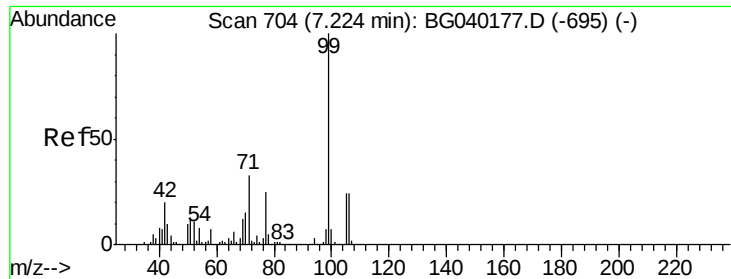


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.253 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampled :

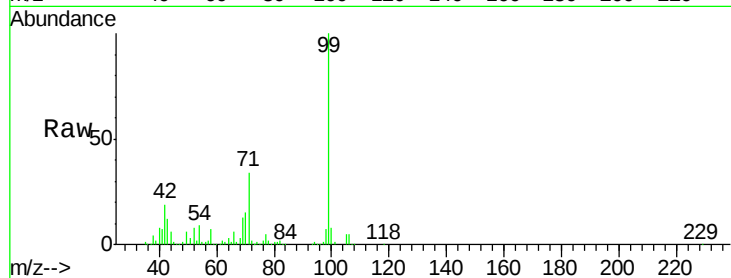
Tot Ion: 99 Resp: 669701

Ion Ratio Lower Upper

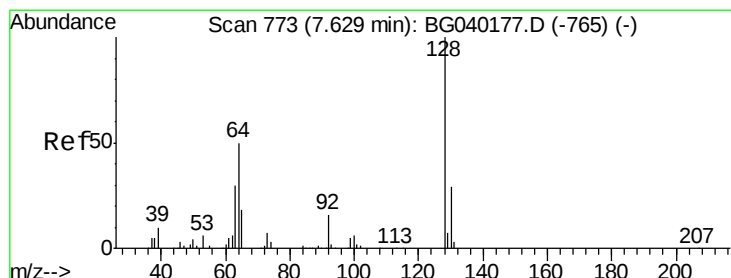
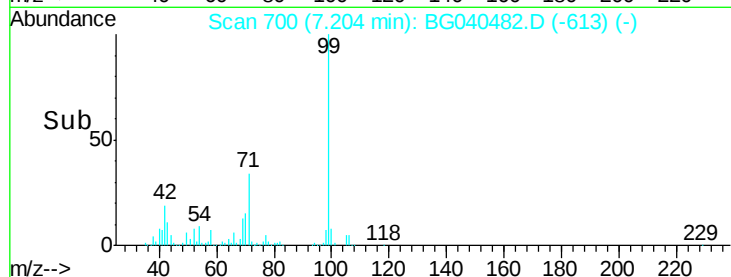
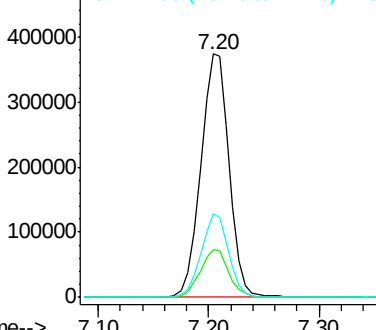
99 100

42 19.5 16.2 24.2

71 34.4 26.8 40.2



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: 45.013 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

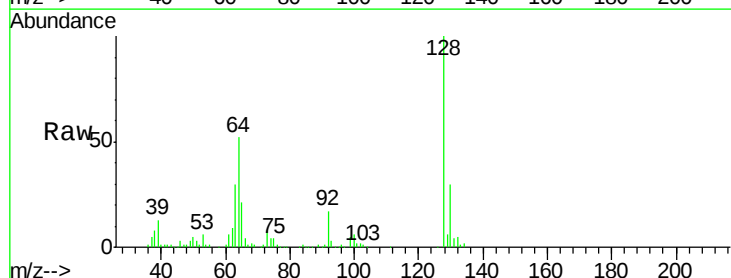
Tgt Ion: 128 Resp: 179495

Ion Ratio Lower Upper

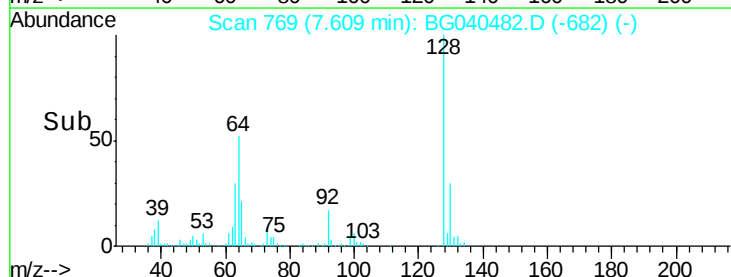
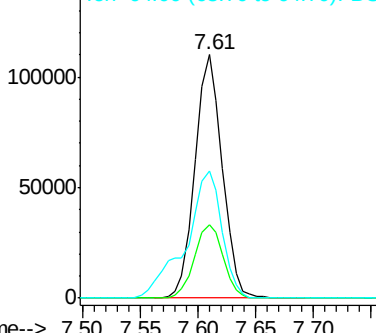
128 100

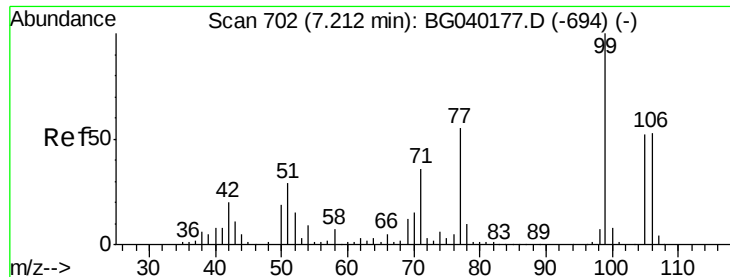
130 30.1 9.1 49.1

64 52.5 33.1 73.1



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

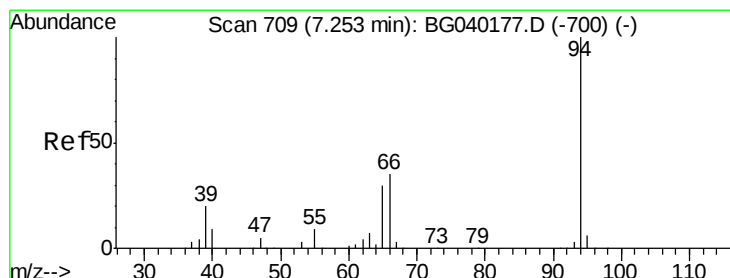
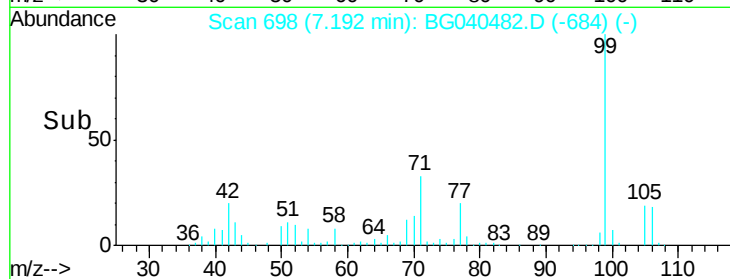
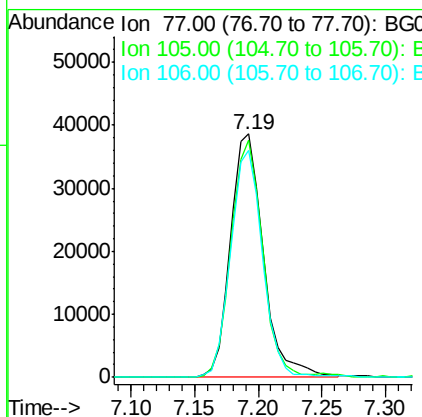
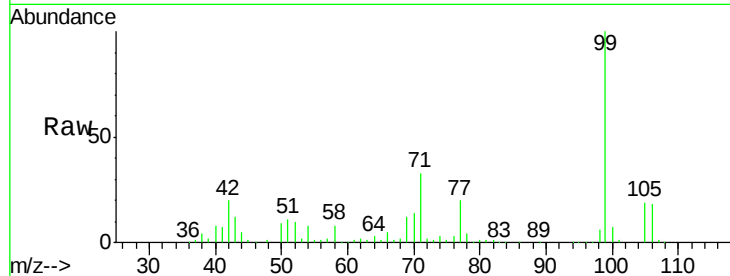




#9
Benzaldehyde
Concen: 21.491 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

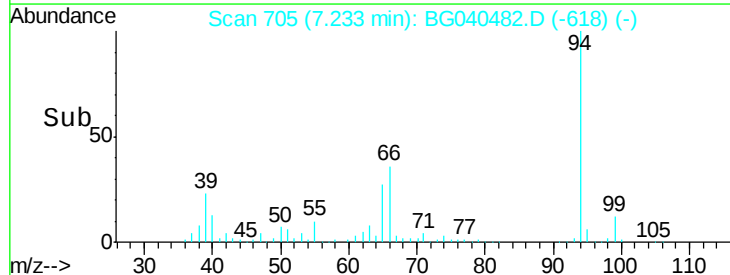
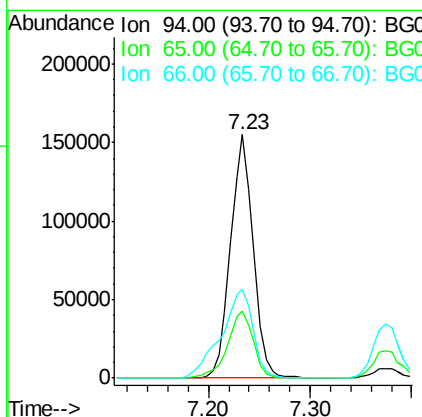
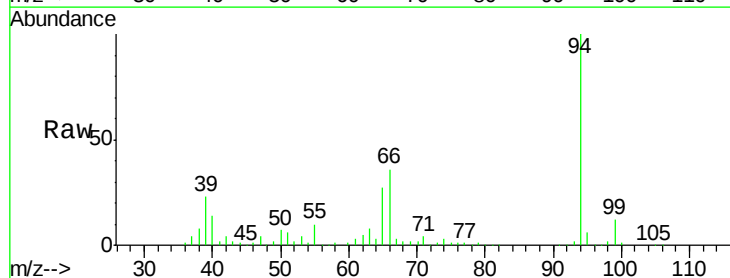
Instrument :
BNA_G
ClientSampled :

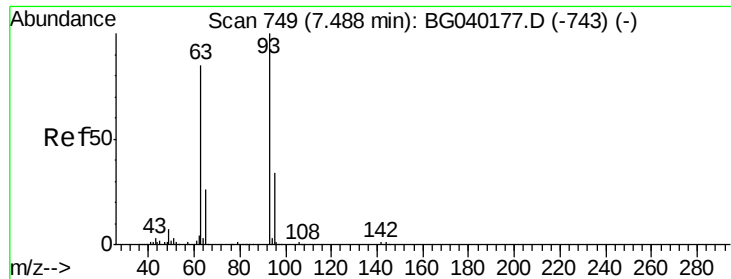
Tot Ion: 77 Resp: 69402
Ion Ratio Lower Upper
77 100
105 97.7 75.0 115.0
106 93.4 75.7 115.7



#10
Phenol
Concen: 47.073 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion: 94 Resp: 240541
Ion Ratio Lower Upper
94 100
65 27.4 10.5 50.5
66 36.4 16.9 56.9

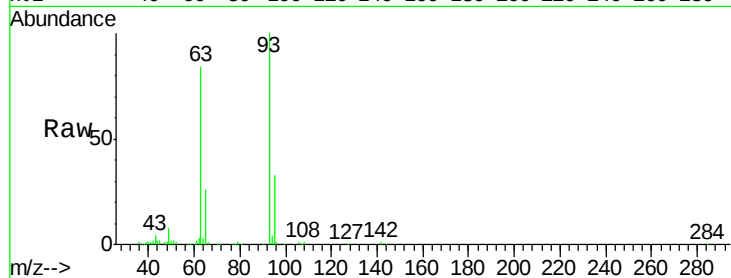




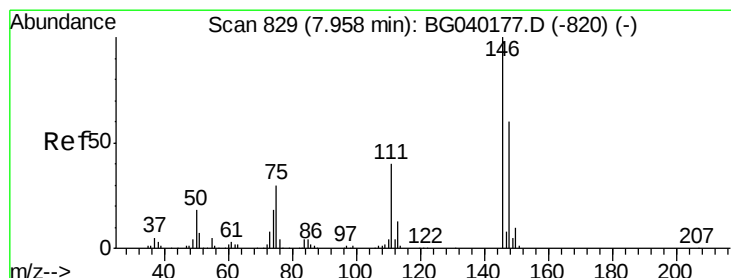
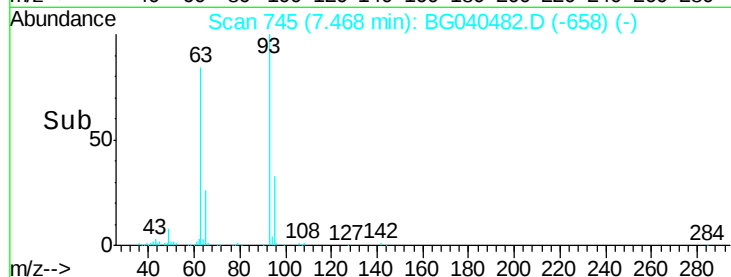
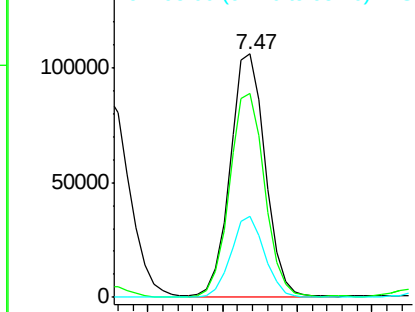
#11
bis(2-Chloroethyl)ether
Concen: 42.423 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 173627
Ion Ratio Lower Upper
93 100
63 84.0 64.2 104.2
95 33.4 14.0 54.0

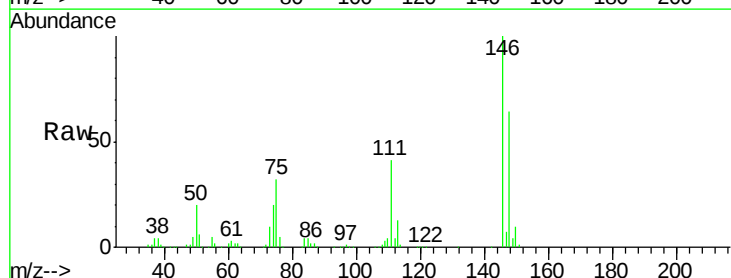


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

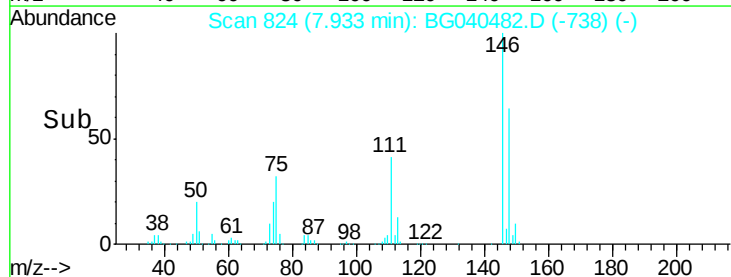
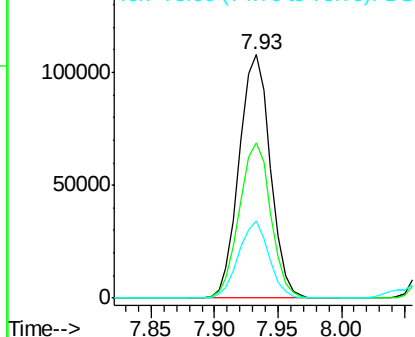


#12
1,3-Dichlorobenzene
Concen: 42.481 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion: 146 Resp: 184147
Ion Ratio Lower Upper
146 100
148 63.9 48.2 72.2
75 31.8 24.1 36.1



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





#13

1,4-Dichlorobenzene

Concen: 43.755 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

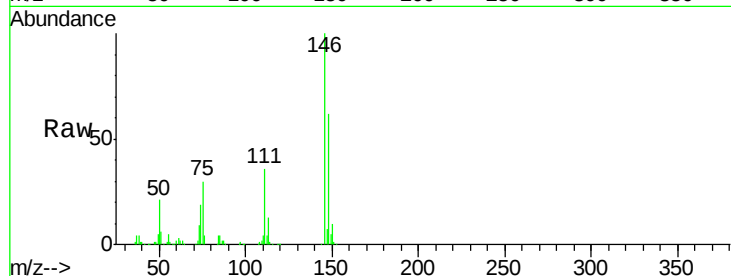
Tot Ion:146 Resp: 188907

Ion Ratio Lower Upper

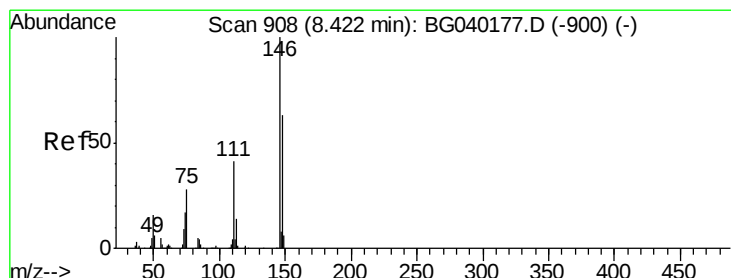
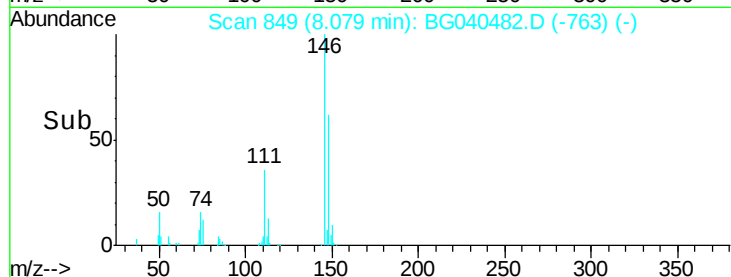
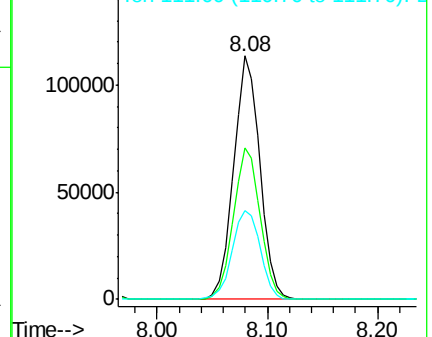
146 100

148 62.1 51.0 76.4

111 36.3 31.8 47.6



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: 43.009 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

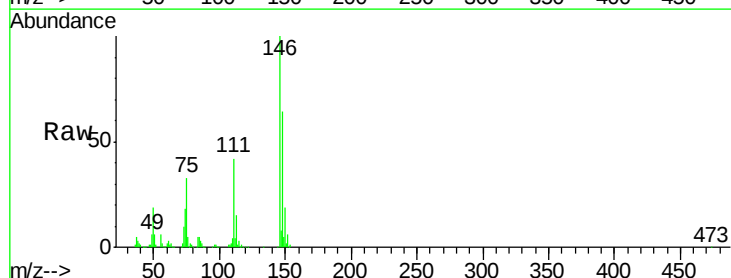
Tgt Ion:146 Resp: 177573

Ion Ratio Lower Upper

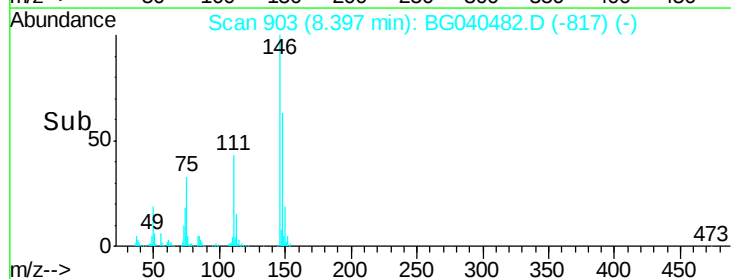
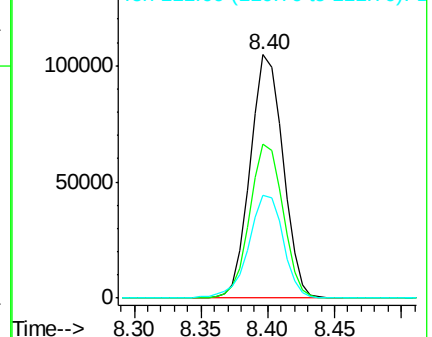
146 100

148 63.5 50.8 76.2

111 42.5 33.4 50.0



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: 43.627 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

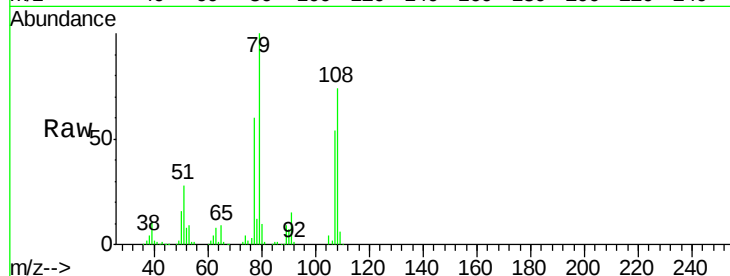
Tot Ion: 79 Resp: 165407

Ion Ratio Lower Upper

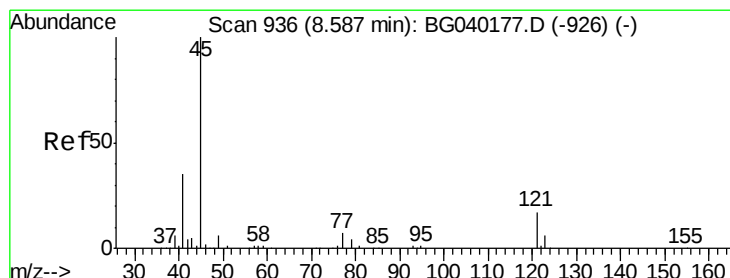
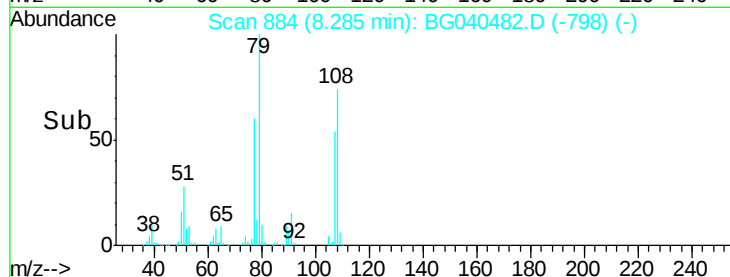
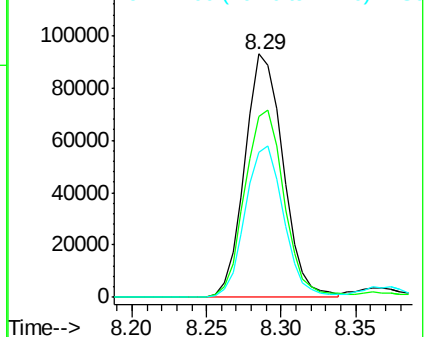
79 100

108 74.4 62.1 93.1

77 59.8 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.746 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

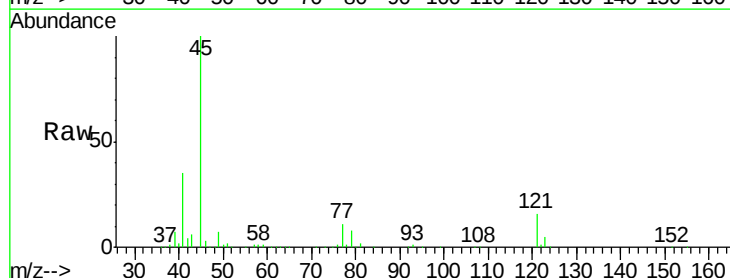
Tgt Ion: 45 Resp: 343618

Ion Ratio Lower Upper

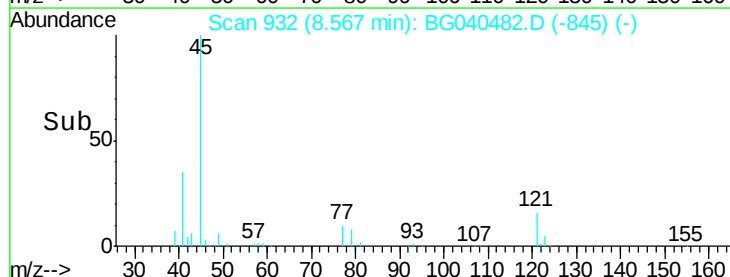
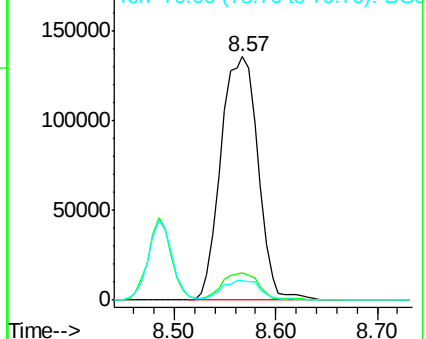
45 100

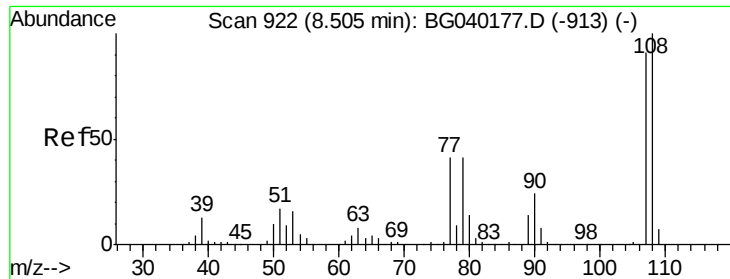
77 11.1 0.0 31.4

79 8.0 0.0 28.3



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





#17

2-Methylphenol

Concen: 45.829 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 162050

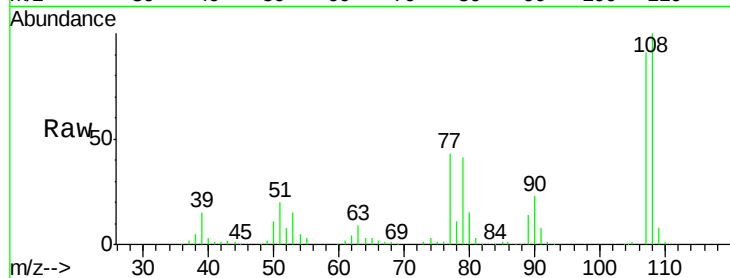
Ion Ratio Lower Upper

107 100

108 110.2 88.2 132.4

77 47.0 36.6 55.0

79 45.4 36.5 54.7

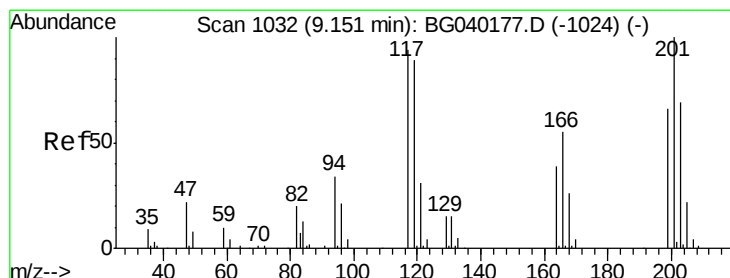
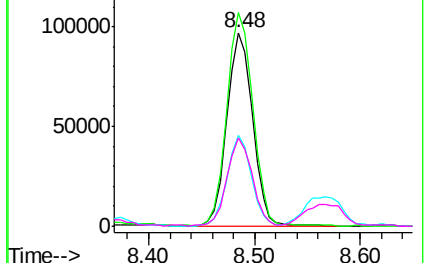
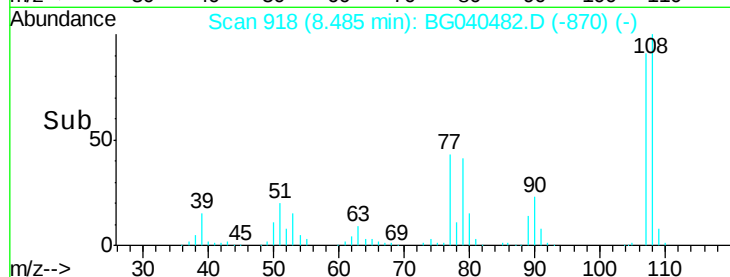


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.314 ng

RT: 9.13 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

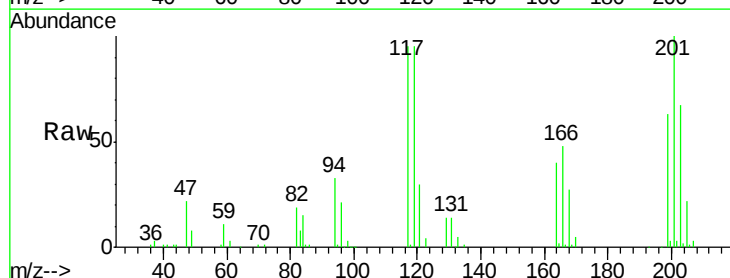
Tgt Ion:117 Resp: 67848

Ion Ratio Lower Upper

117 100

119 100.1 76.6 115.0

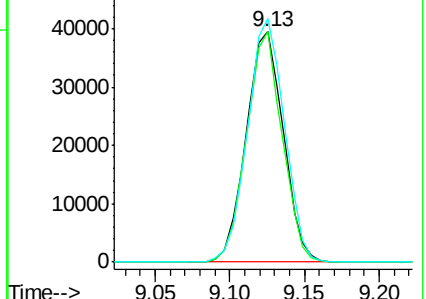
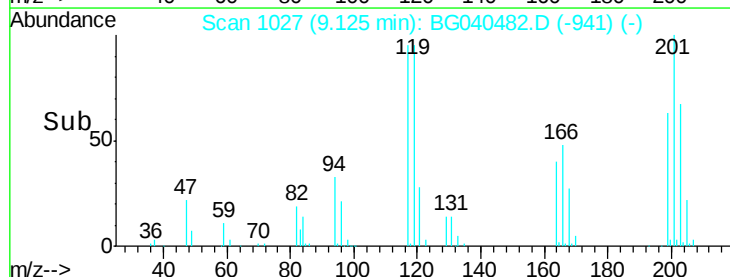
201 105.7 85.0 127.4

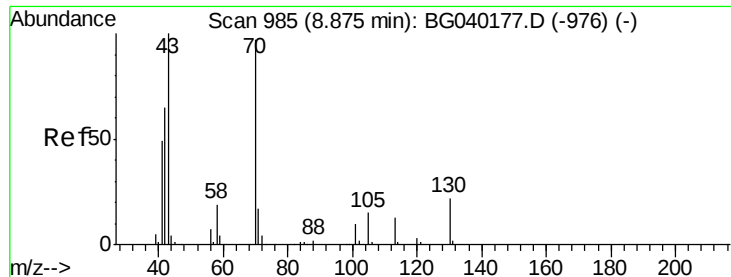


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

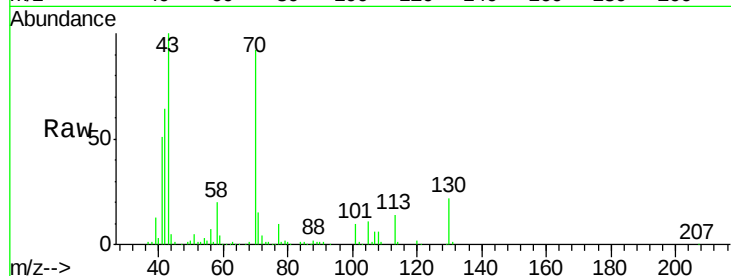




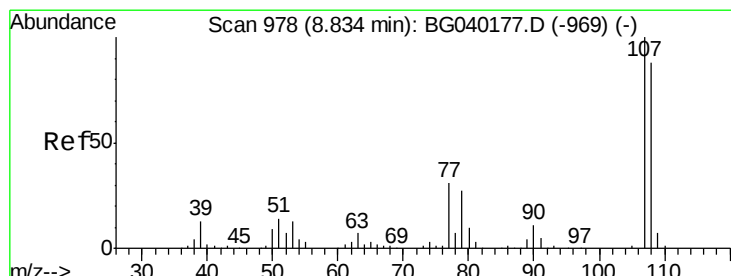
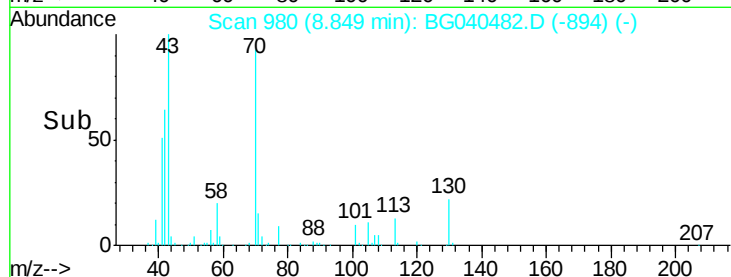
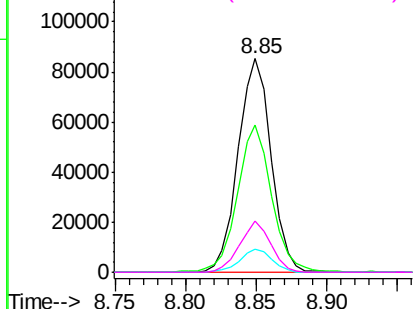
#19
n-Nitroso-di-n-propylamine
Concen: 41.256 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	139255
Ion	Ratio	Lower	Upper
70	100		
42	69.2	54.0	81.0
101	10.9	8.6	13.0
130	24.0	18.2	27.2

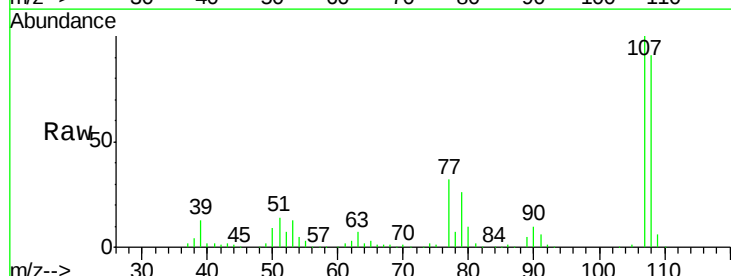


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

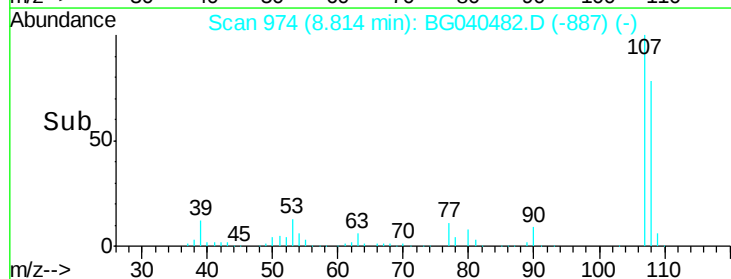
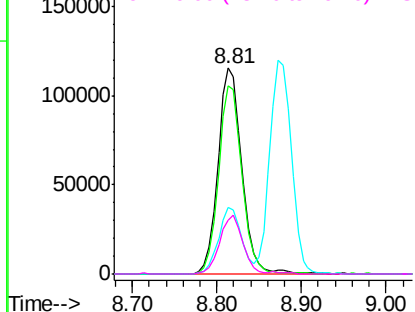


#20
3+4-Methylphenols
Concen: 47.238 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:	107	Resp:	226277
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.3	108.3
77	32.5	11.3	51.3
79	26.1	7.3	47.3



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

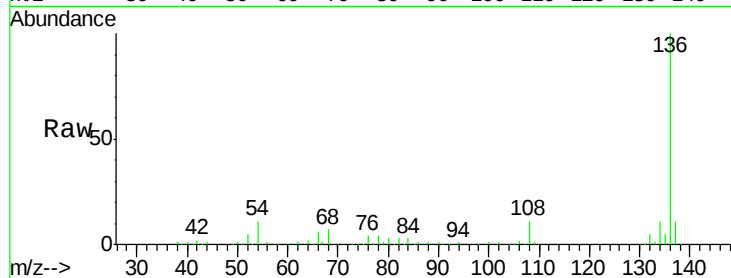




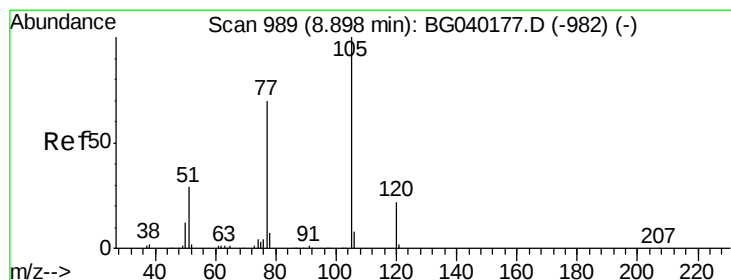
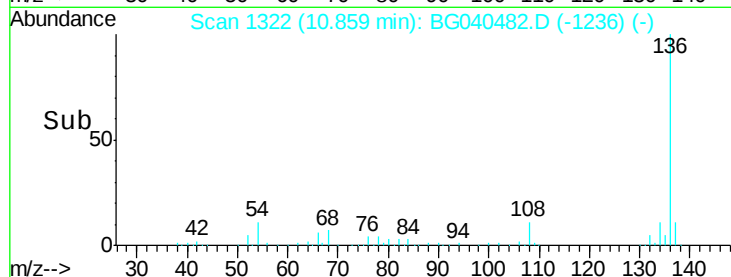
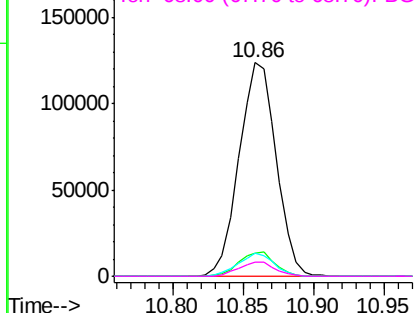
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	227899
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	10.8	9.6 14.4
68	6.8	5.1 7.7

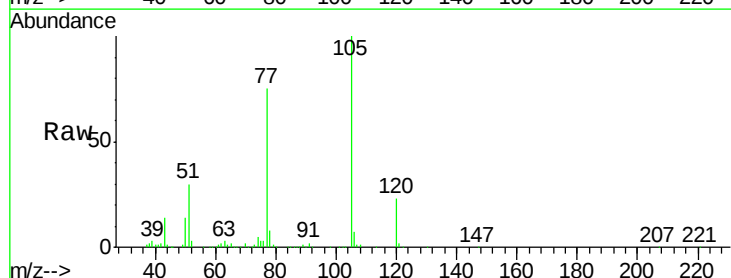


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

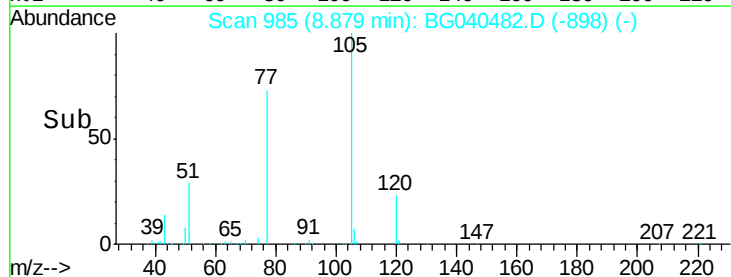
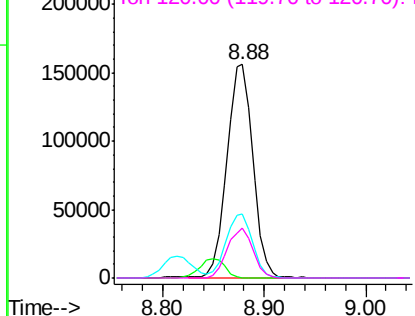


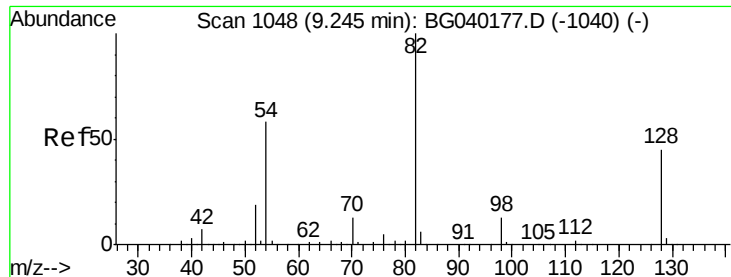
#22
Acetophenone
Concen: 48.838 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:105	Resp:	277637
Ion	Ratio	Lower Upper
105	100	
71	0.3	0.6 1.0#
51	30.2	25.1 37.7
120	23.1	17.6 26.4



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

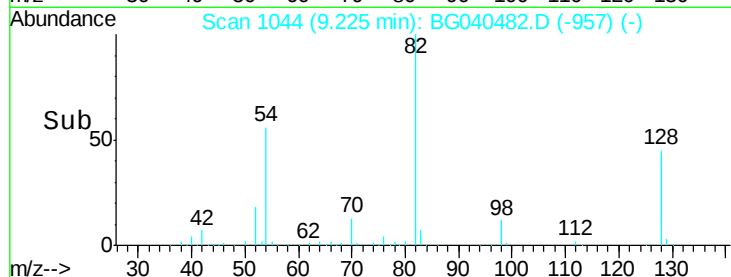
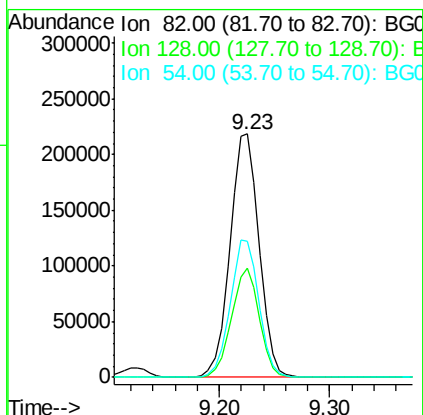
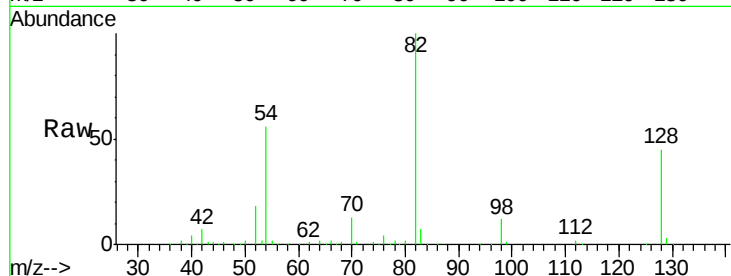




#23
 Nitrobenzene-d5
 Concen: 93.957 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

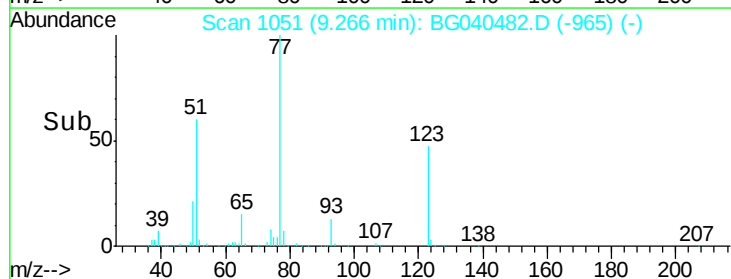
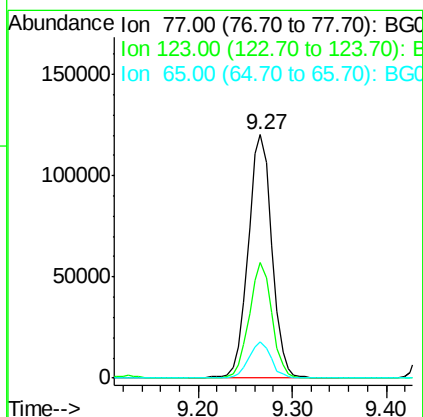
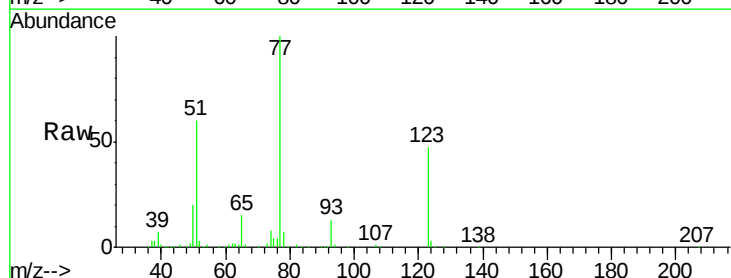
Instrument :
 BNA_G
 ClientSampled :

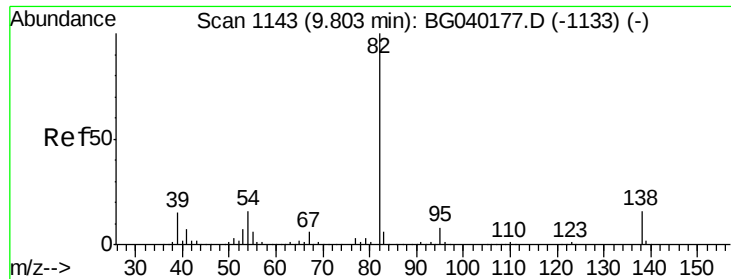
Tot Ion: 82 Resp: 402846
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.8 53.8
 54 55.7 46.2 69.2



#24
 Nitrobenzene
 Concen: 47.385 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion: 77 Resp: 210387
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.8 56.6
 65 14.7 12.0 18.0

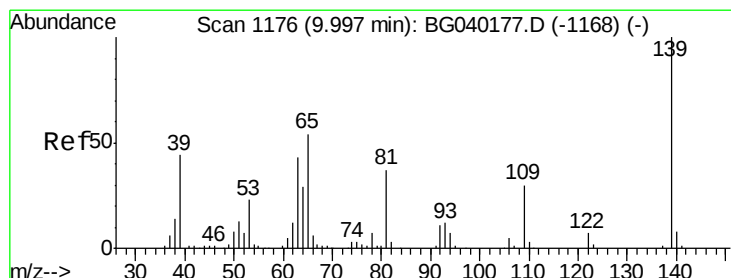
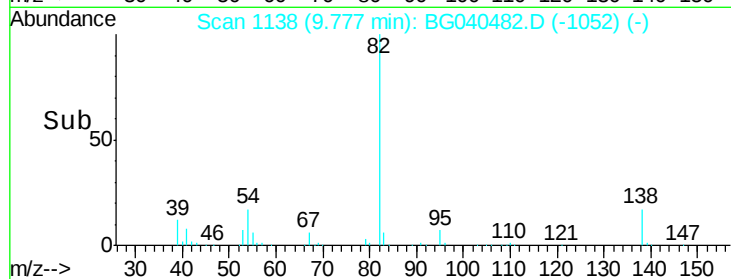
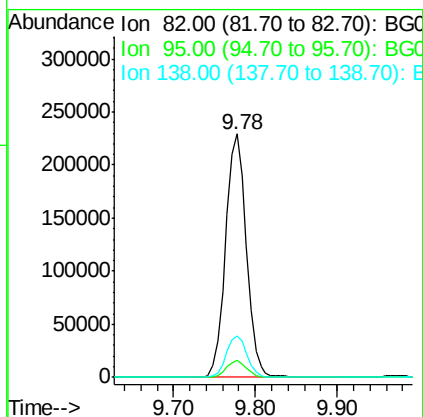
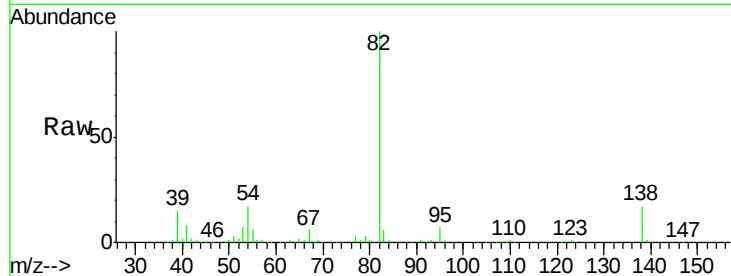




#25
Isophorone
Concen: 45.992 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

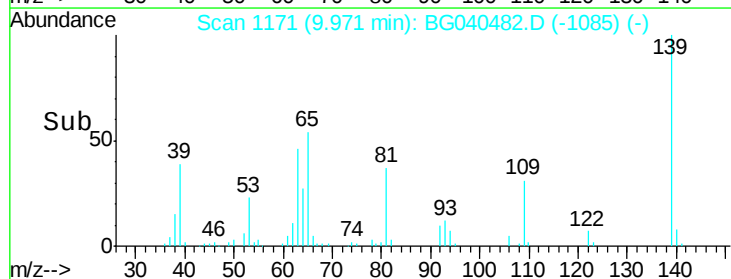
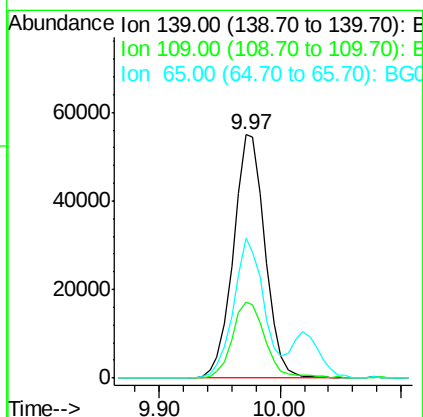
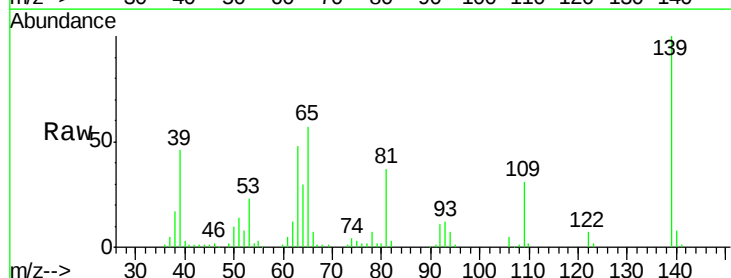
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 405742
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 17.2 13.2 19.8



#26
2-Nitrophenol
Concen: 47.713 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion: 139 Resp: 100379
Ion Ratio Lower Upper
139 100
109 31.0 24.1 36.1
65 57.2 43.0 64.6

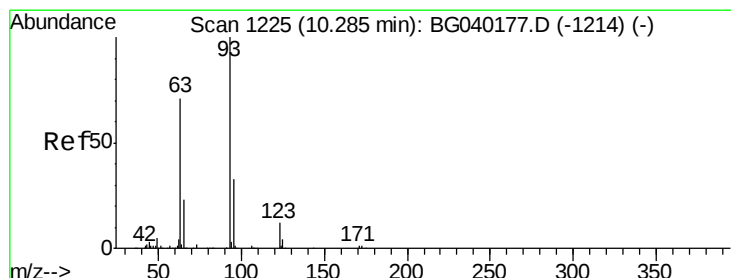
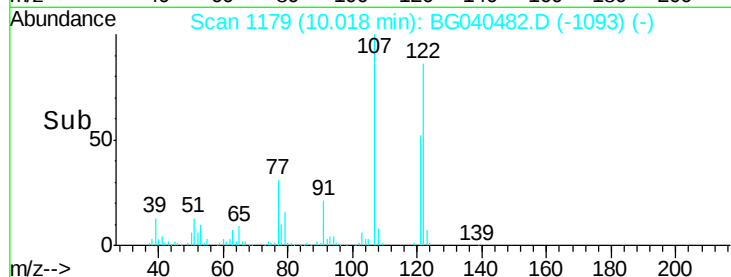
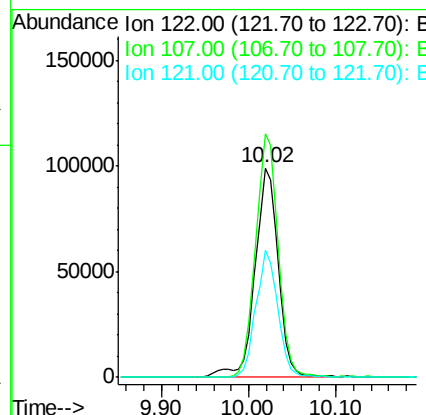
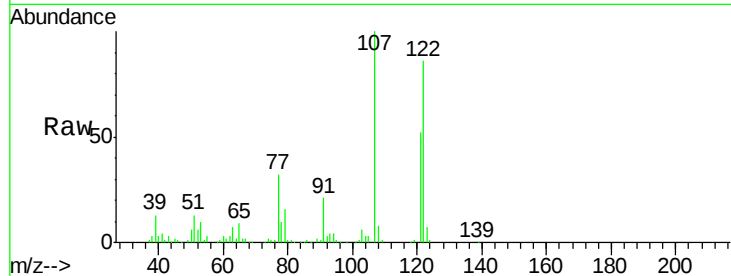




#27
 2,4-Dimethylphenol
 Concen: 53.518 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

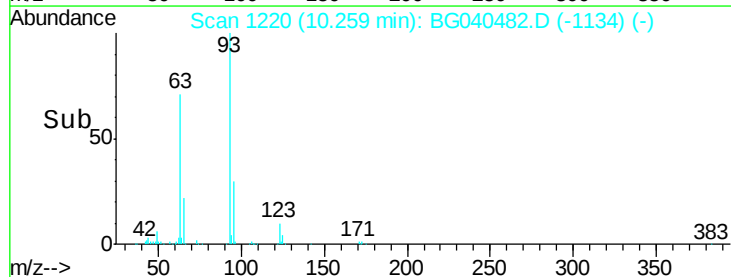
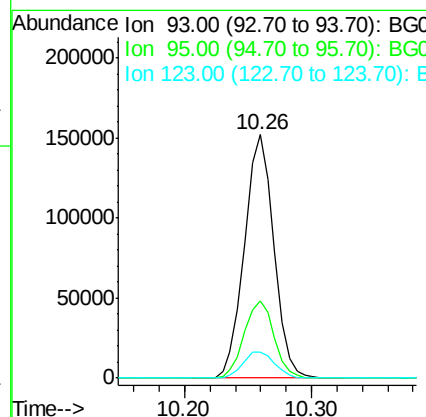
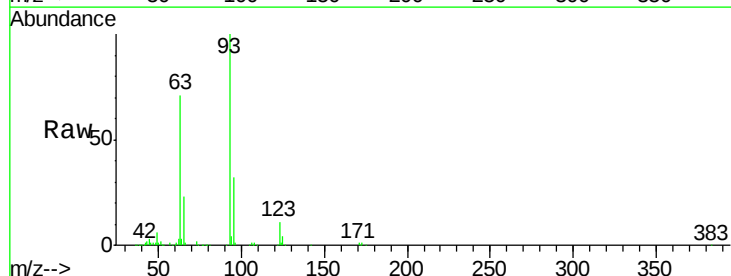
Instrument :
 BNA_G
 ClientSampleId :

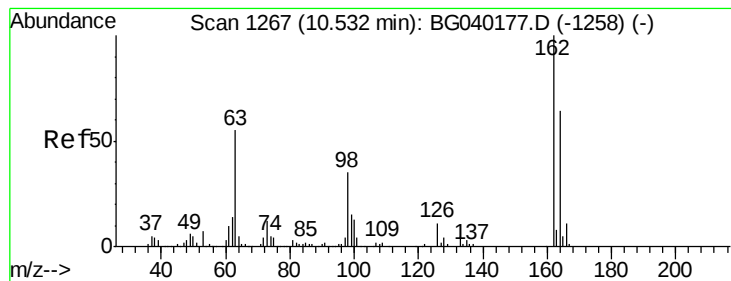
Tot Ion:122 Resp: 178843
 Ion Ratio Lower Upper
 122 100
 107 116.5 97.4 146.2
 121 60.8 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.884 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion: 93 Resp: 244704
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.2 39.4
 123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.185 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampled :

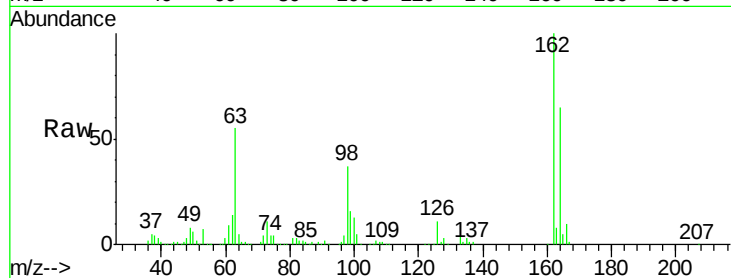
Tot Ion:162 Resp: 185660

Ion Ratio Lower Upper

162 100

164 64.5 43.9 83.9

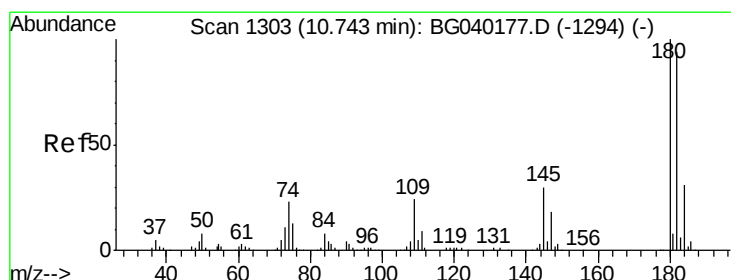
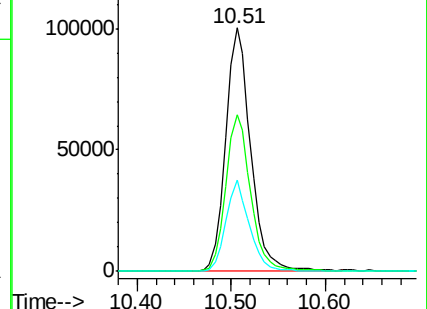
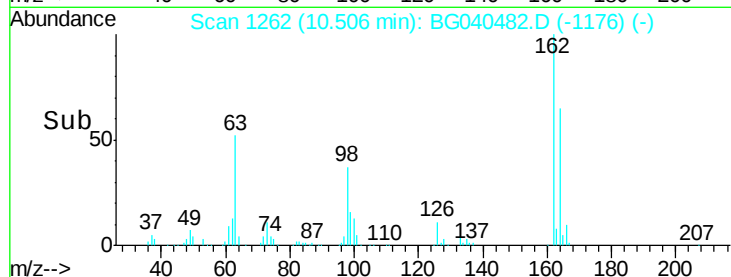
98 37.3 15.6 55.6



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: 47.378 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

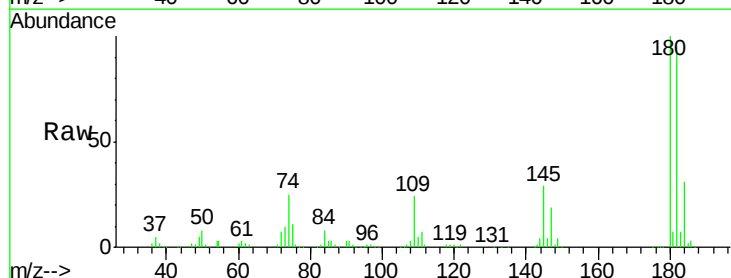
Tgt Ion:180 Resp: 188699

Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

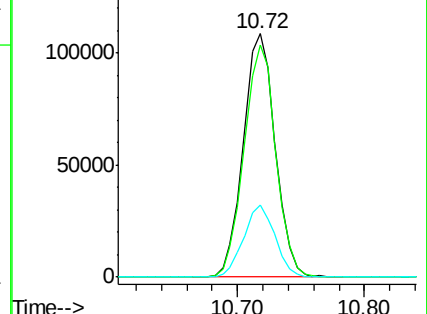
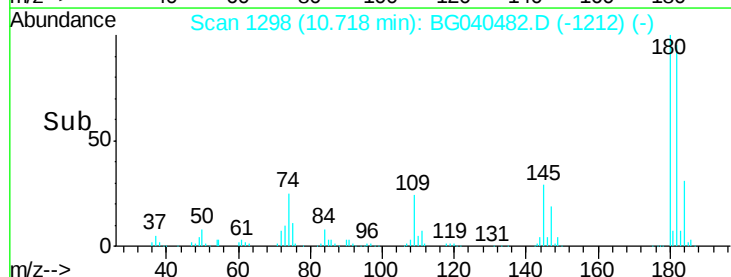
145 29.4 24.1 36.1

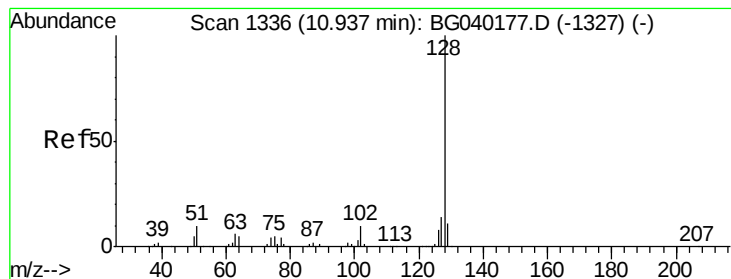


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.165 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

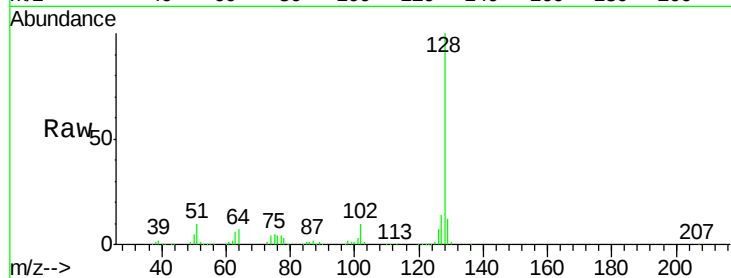
Tot Ion:128 Resp: 562635

Ion Ratio Lower Upper

128 100

129 11.7 8.9 13.3

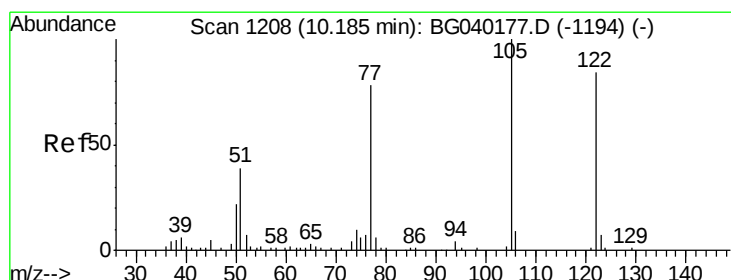
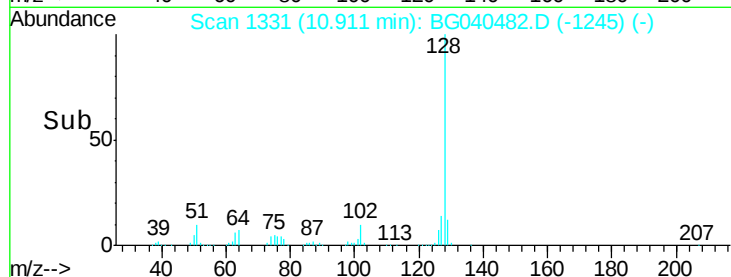
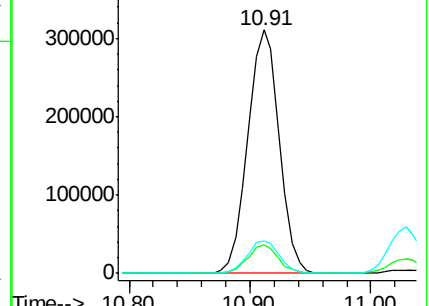
127 13.5 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 88.577 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.17 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

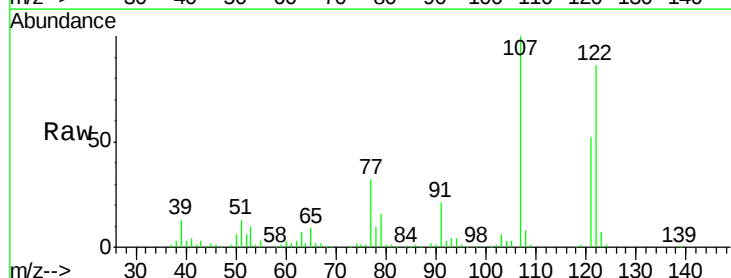
Tgt Ion:122 Resp: 178843

Ion Ratio Lower Upper

122 100

105 3.9 98.2 138.2#

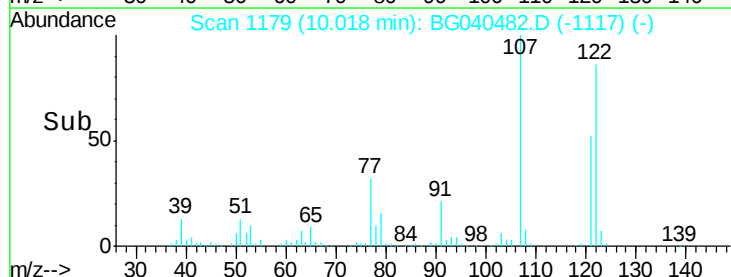
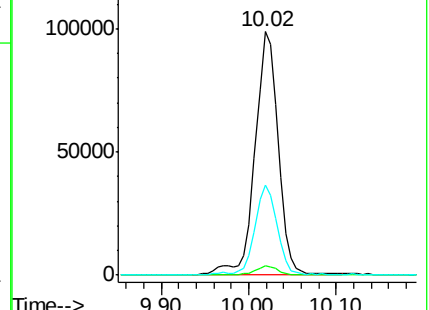
77 37.0 73.6 113.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

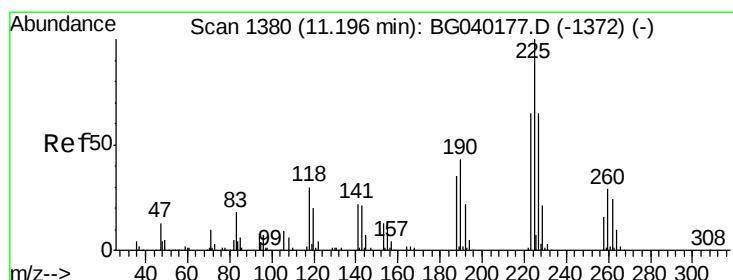
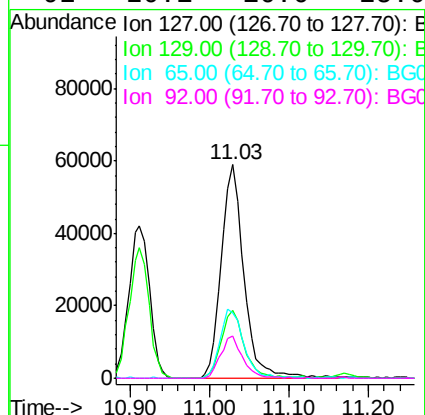
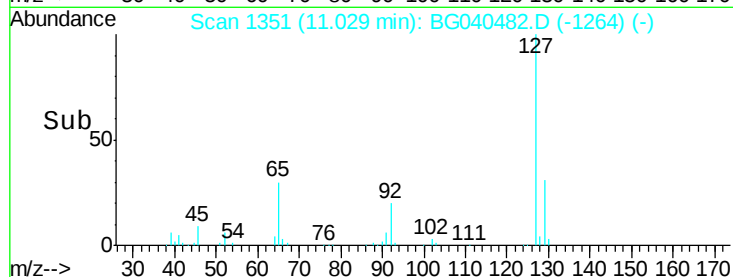
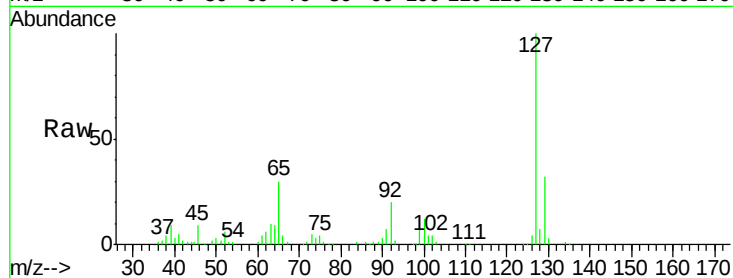




#33
4-Chloroaniline
Concen: 23.547 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

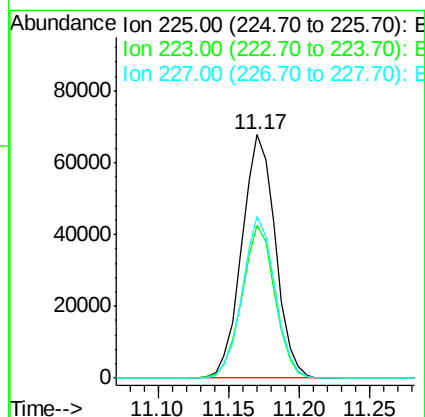
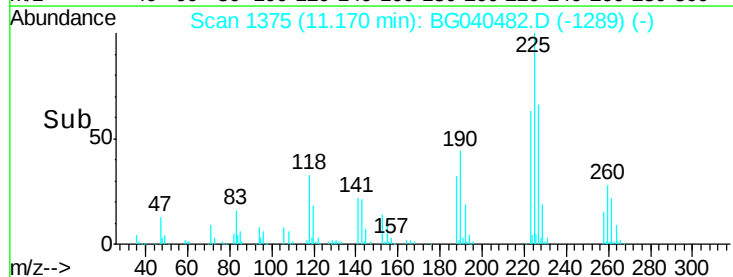
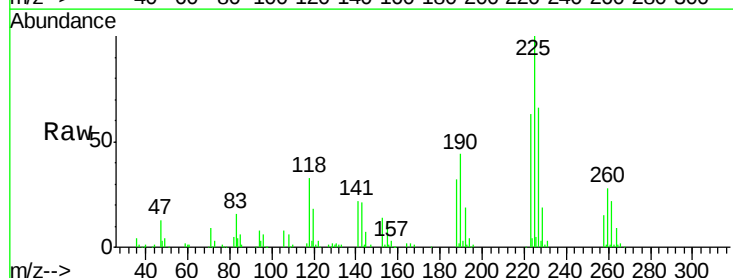
Instrument :
BNA_G
ClientSampleId :

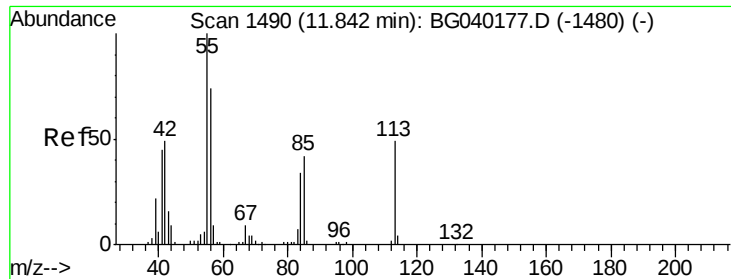
Tot Ion:	127	Resp:	117331
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	30.4	27.0	40.4
92	20.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.220 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:	225	Resp:	112639
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.8	77.8
227	66.4	54.9	82.3





#35

Caprolactam

Concen: 30.059 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

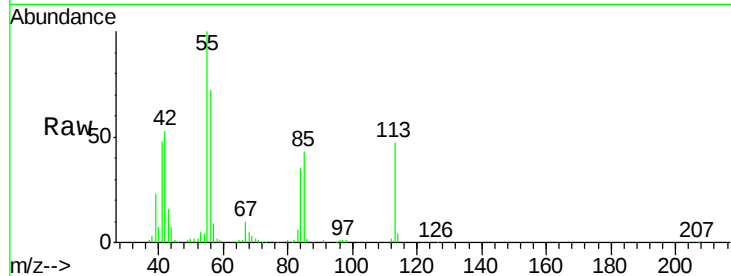
Tot Ion:113 Resp: 43268

Ion Ratio Lower Upper

113 100

55 211.4 184.2 224.2

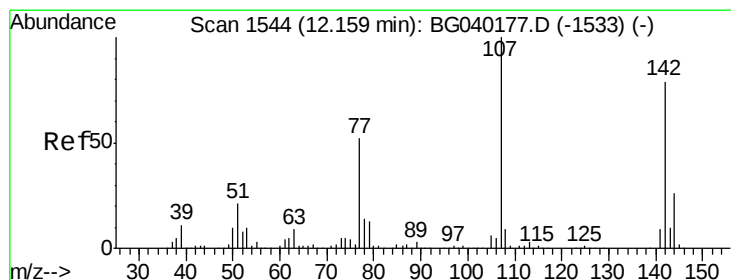
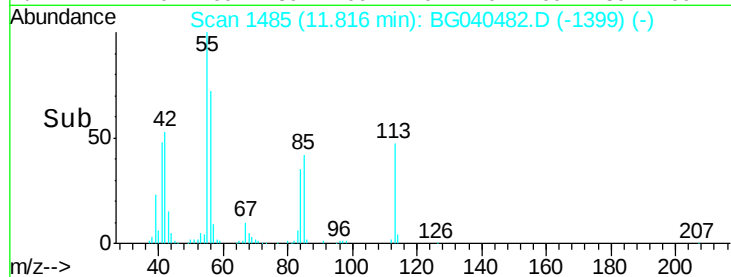
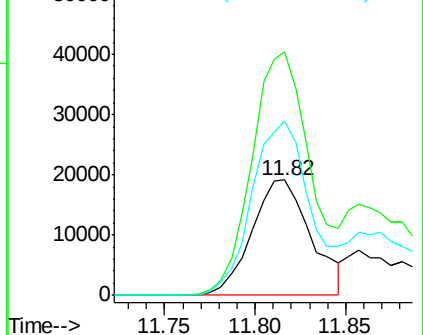
56 151.8 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 52.317 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

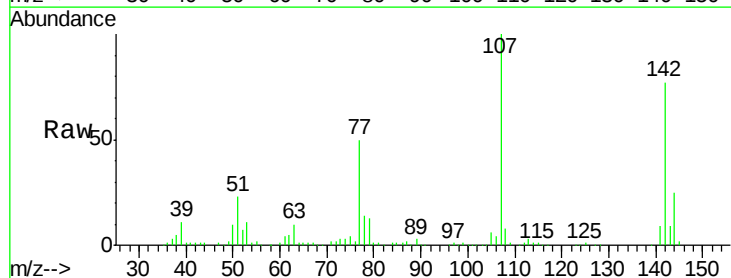
Tgt Ion:107 Resp: 218158

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

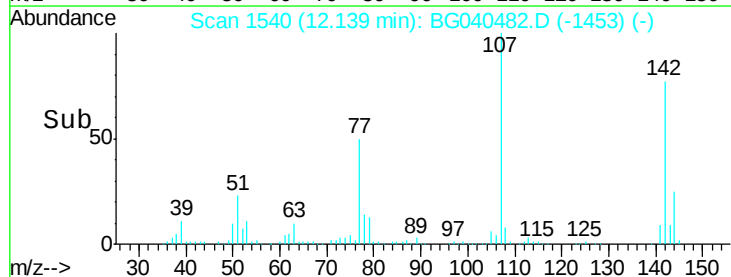
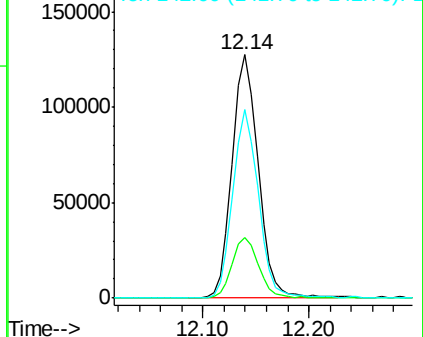
142 77.2 63.1 94.7

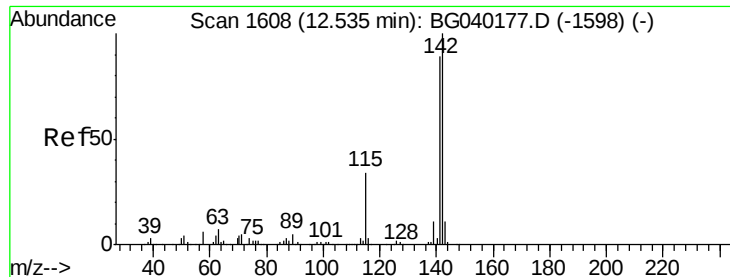


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

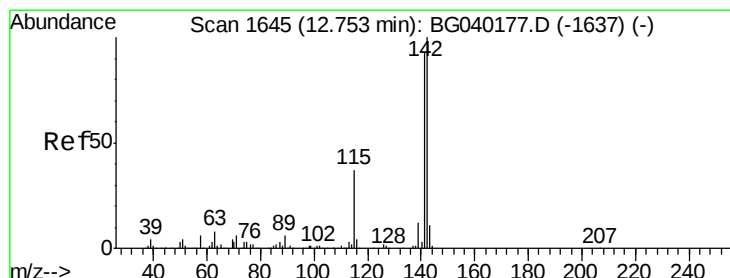
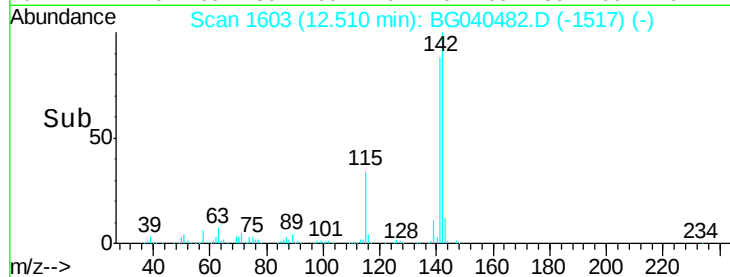
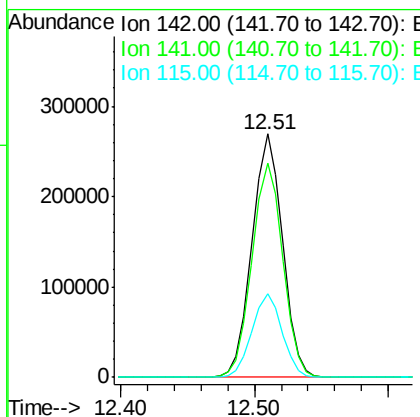
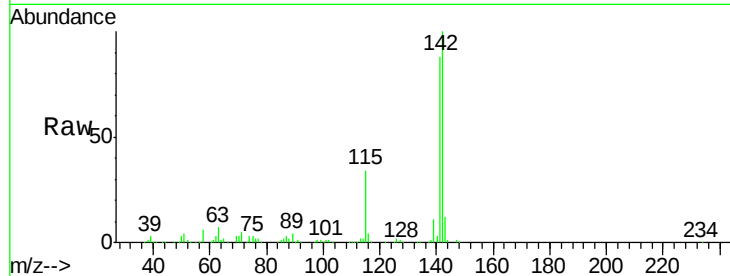




#37
2-Methylnaphthalene
Concen: 49.107 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

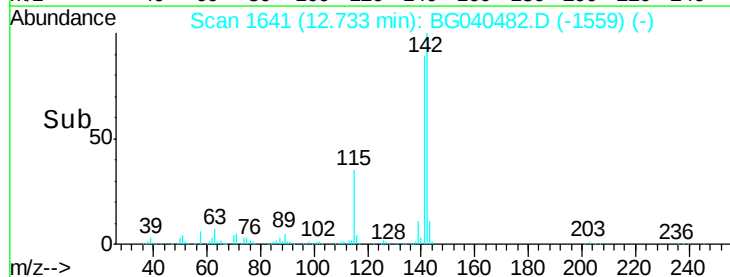
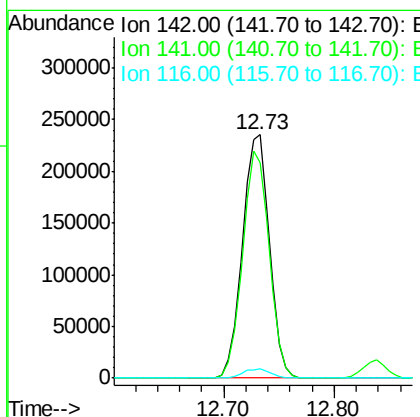
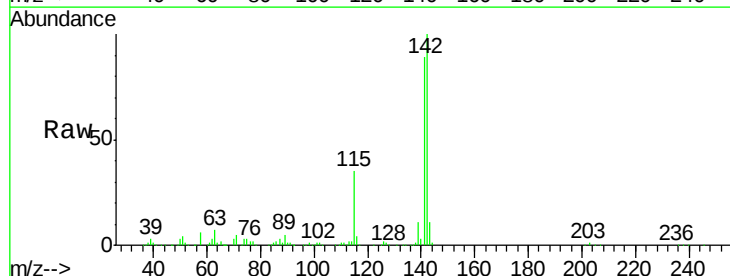
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 424260
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 34.1 27.3 40.9



#38
1-Methylnaphthalene
Concen: 48.369 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:142 Resp: 405219
Ion Ratio Lower Upper
142 100
141 88.8 74.2 111.4
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040482.D

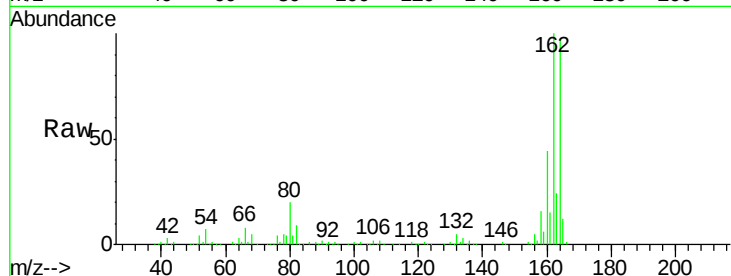
Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

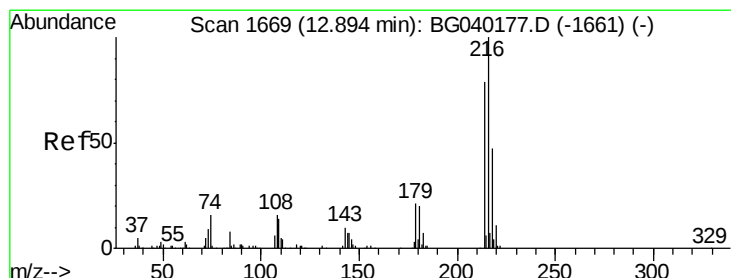
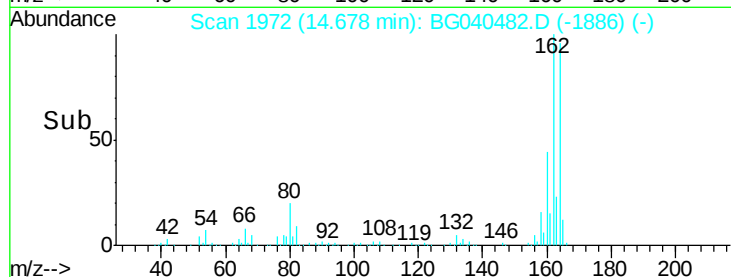
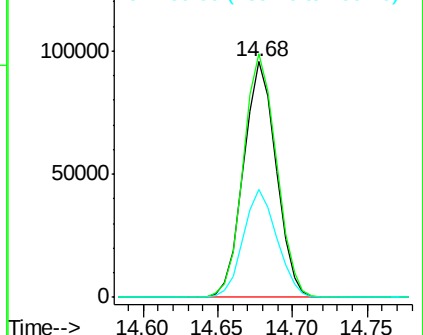
Tot Ion:164	Resp:	144515
Ion Ratio	Lower	Upper
164	100	
162	103.5	77.4 116.2
160	45.7	35.3 52.9



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: 46.547 ng

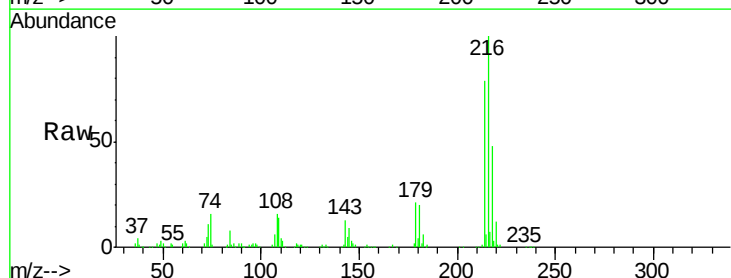
RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:216	Resp:	213801
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.5 95.3
179	21.0	16.6 25.0
108	19.4	13.8 20.8

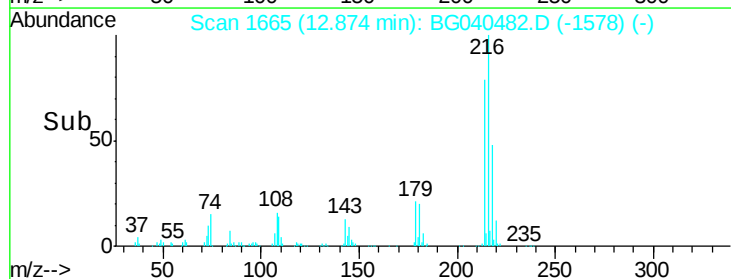
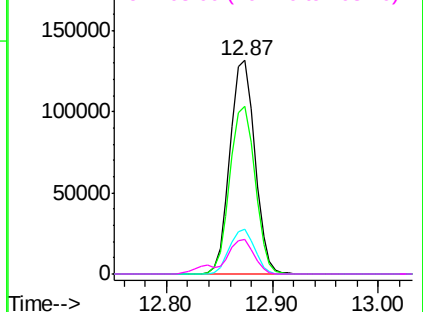


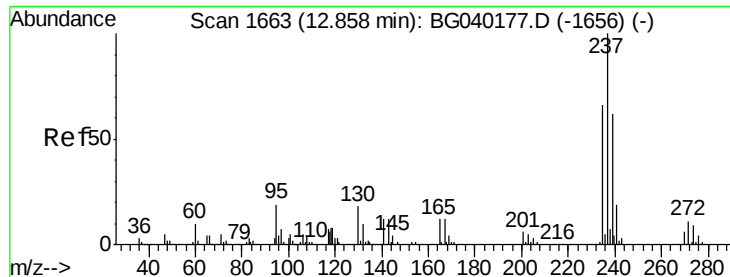
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.656 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

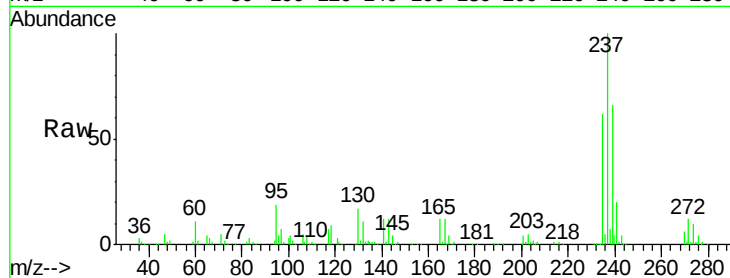
Tot Ion:237 Resp: 228633

Ion Ratio Lower Upper

237 100

235 62.1 46.2 86.2

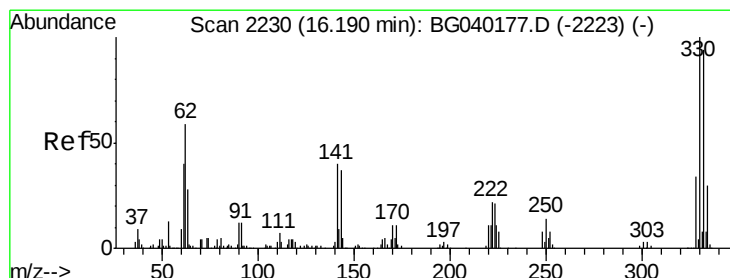
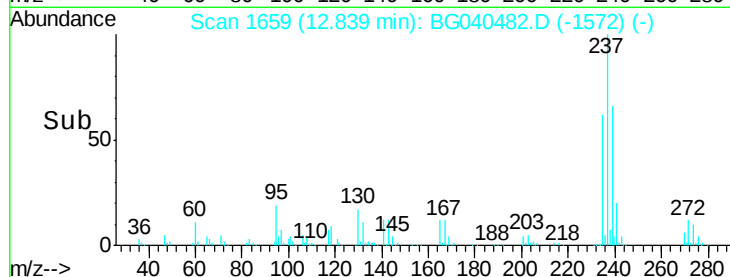
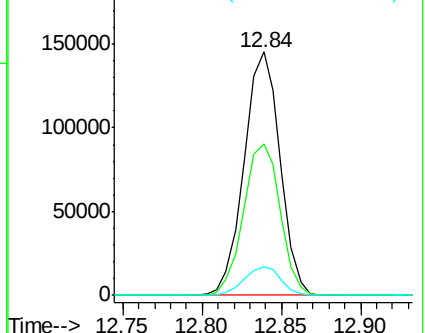
272 11.7 0.0 30.5



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: 164.425 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

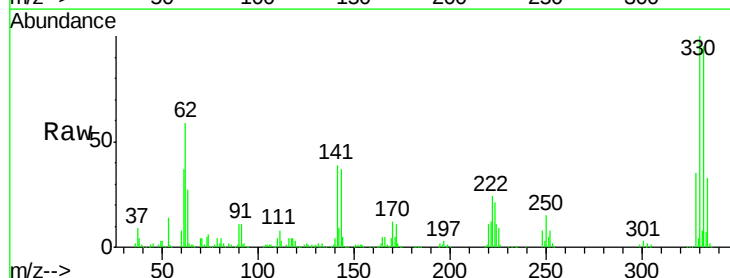
Tgt Ion:330 Resp: 256804

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

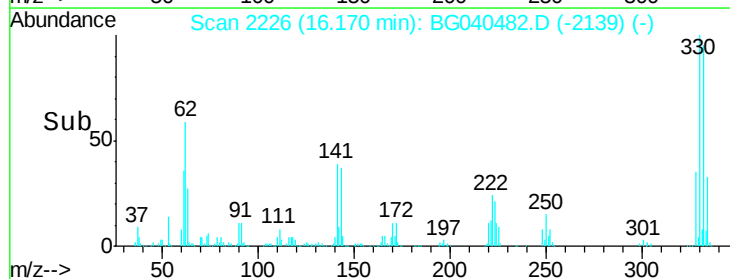
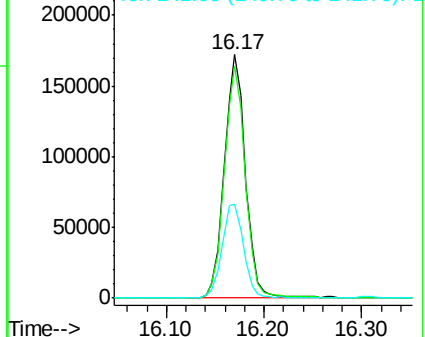
141 39.9 32.6 48.8



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

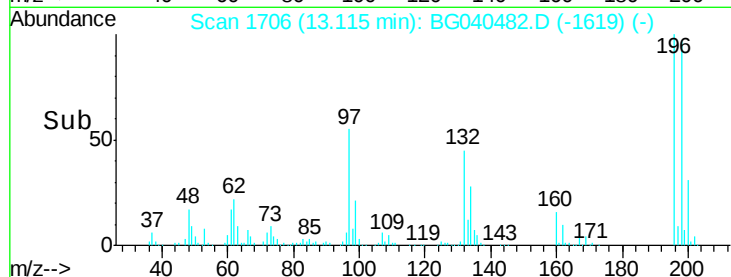
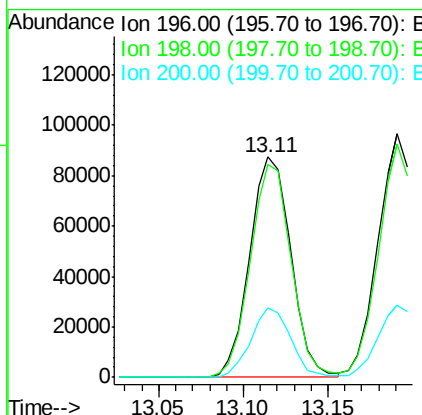
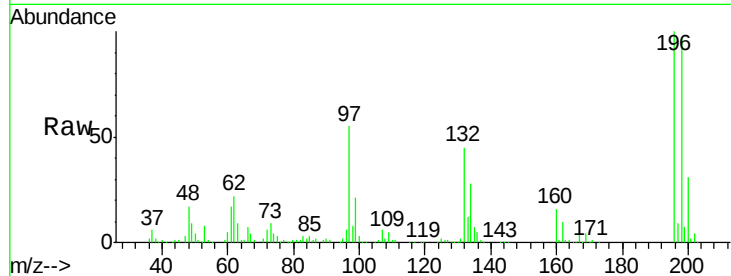




#43
 2,4,6-Trichlorophenol
 Concen: 50.195 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

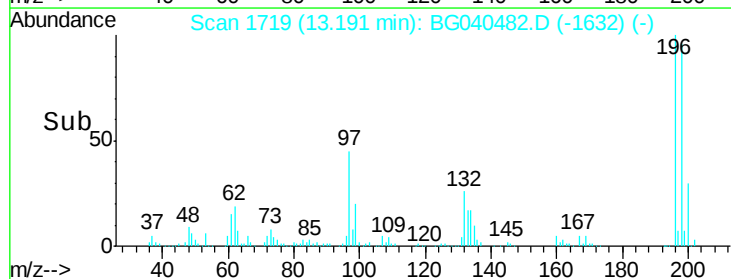
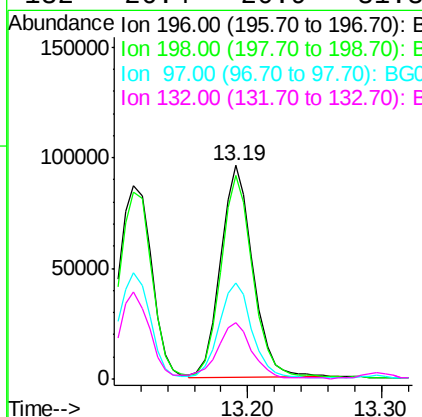
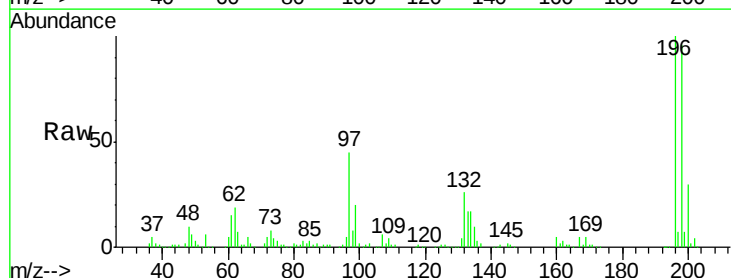
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 148646
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.3 117.5
 200 31.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 50.592 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion:196 Resp: 163301
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.0 112.6
 97 45.2 37.3 55.9
 132 26.4 20.9 31.3

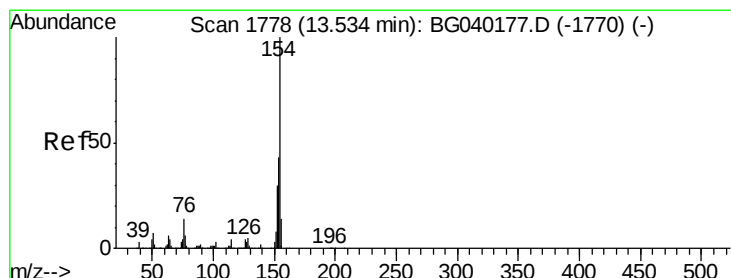
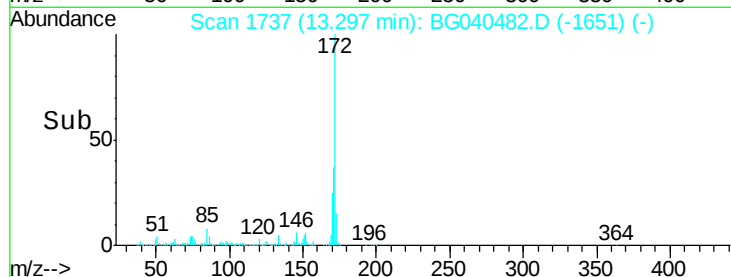
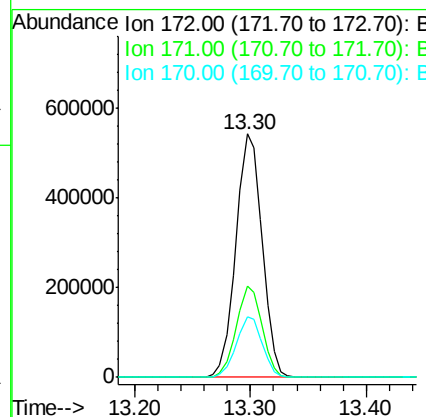
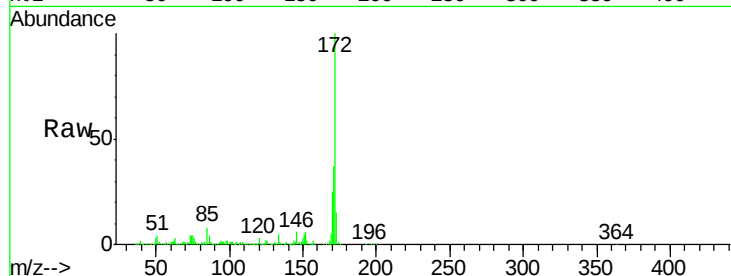




#45
2-Fluorobiphenyl
Concen: 87.584 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

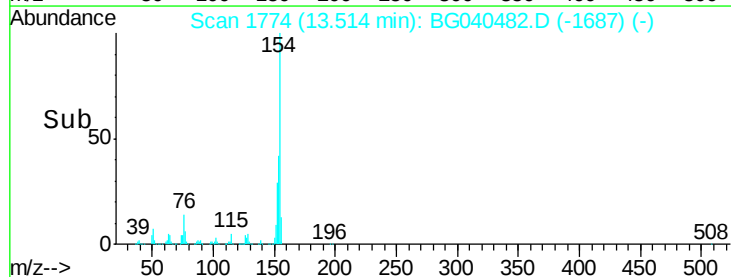
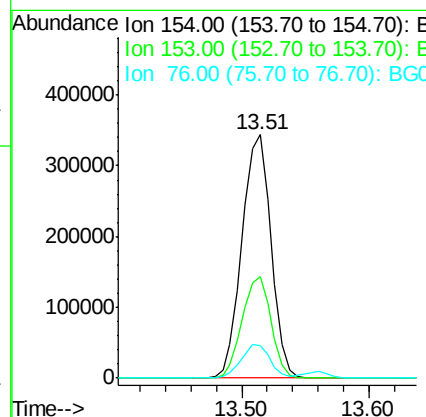
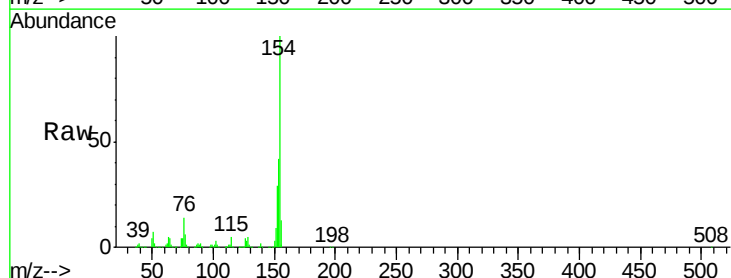
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 854198
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 25.1 20.1 30.1



#46
1,1'-Biphenyl
Concen: 47.821 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:154 Resp: 546045
Ion Ratio Lower Upper
154 100
153 42.0 22.5 62.5
76 13.5 0.0 33.7

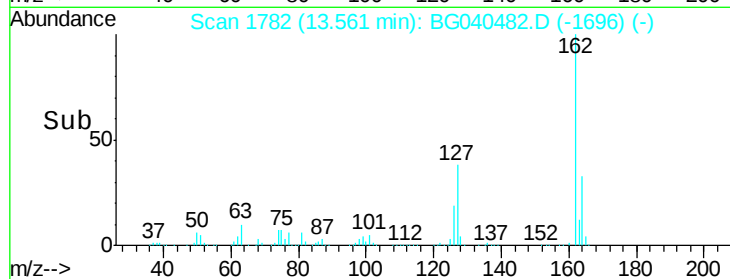
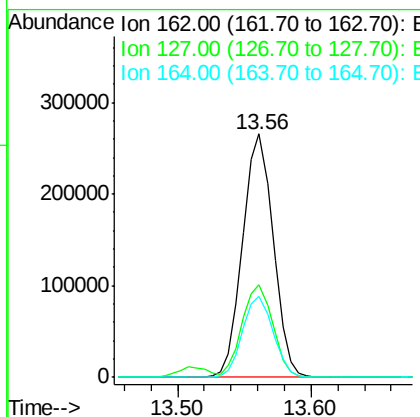
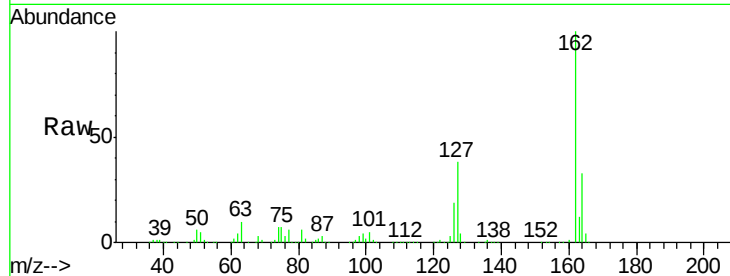




#47
 2-Chloronaphthalene
 Concen: 48.097 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

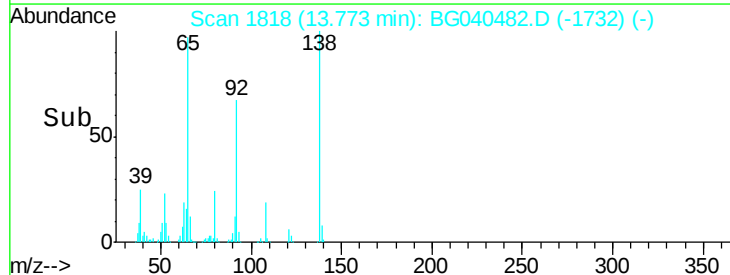
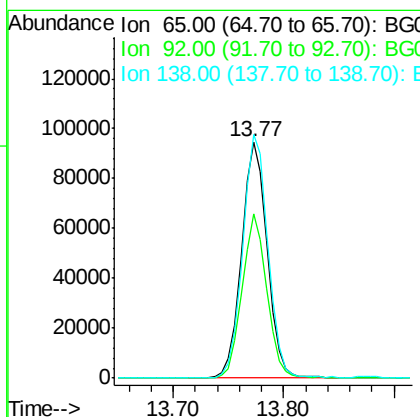
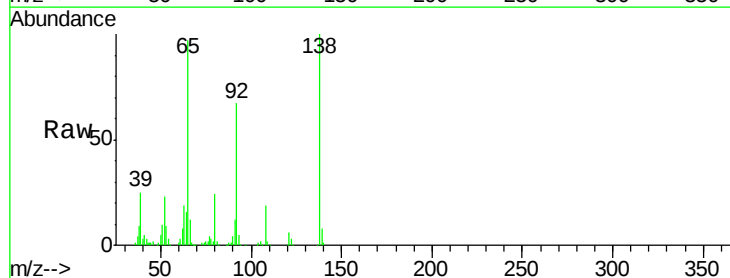
Instrument :
 BNA_G
 ClientSampleId :

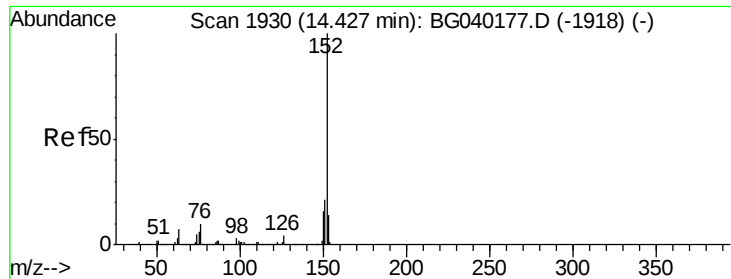
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.6	45.8
164	33.3	26.2	39.4



#48
 2-Nitroaniline
 Concen: 52.142 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.8	80.6
138	103.0	86.3	129.5





#49

Acenaphthylene

Concen: 47.977 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

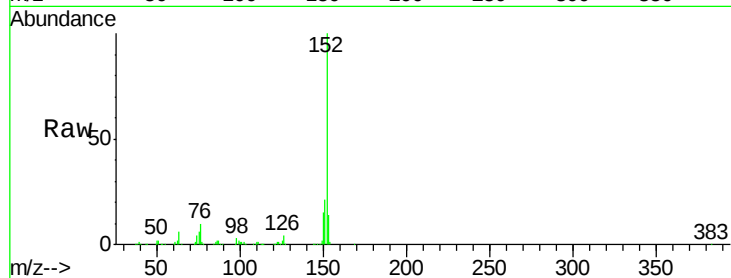
Tot Ion:152 Resp: 712479

Ion Ratio Lower Upper

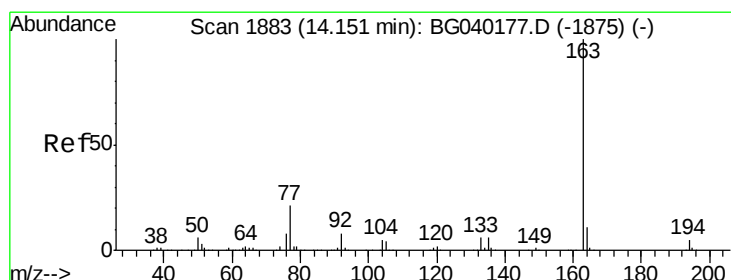
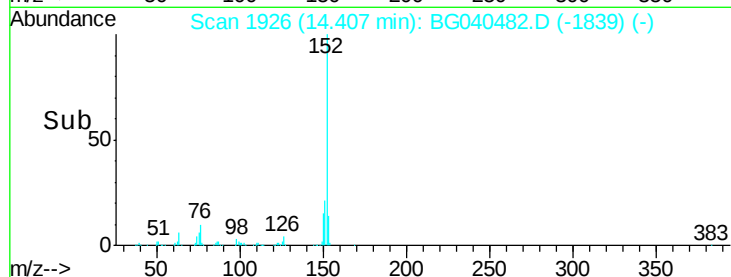
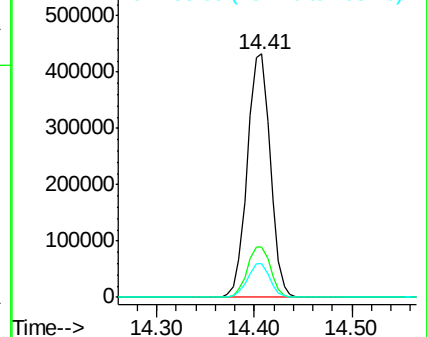
152 100

151 20.9 17.0 25.6

153 13.7 10.8 16.2



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: 55.037 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

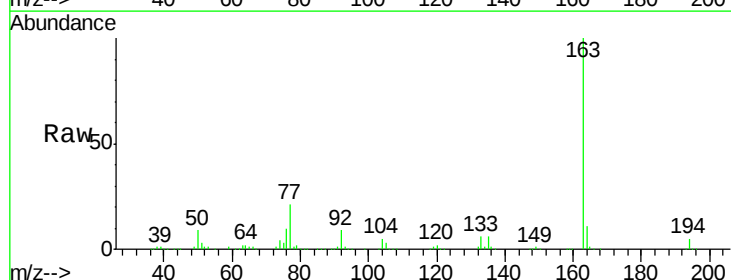
Tgt Ion:163 Resp: 622480

Ion Ratio Lower Upper

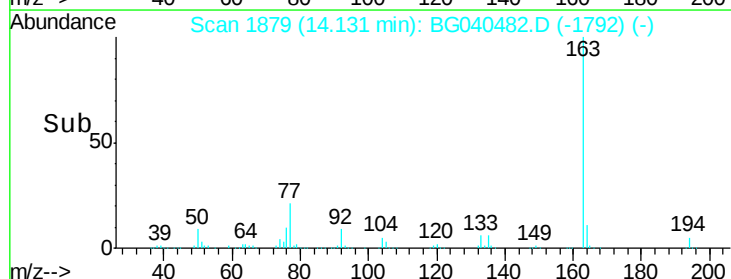
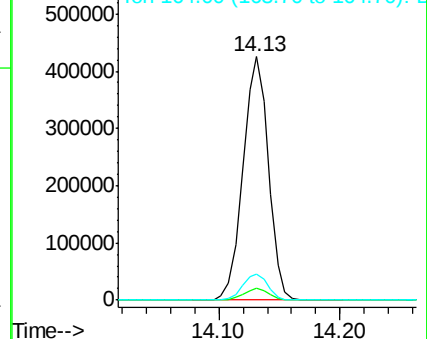
163 100

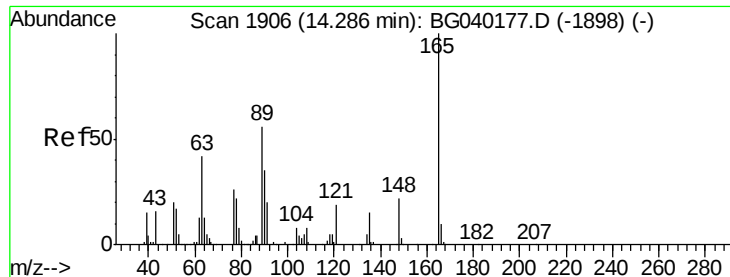
194 4.7 4.1 6.1

164 10.9 8.6 13.0



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

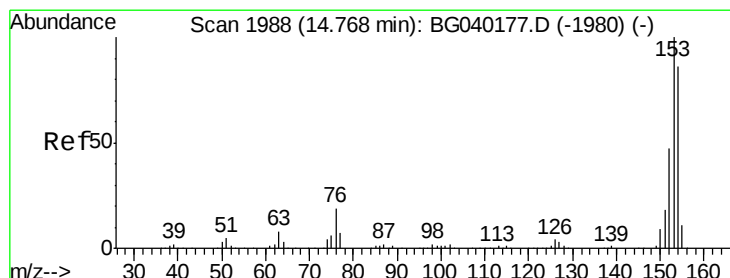
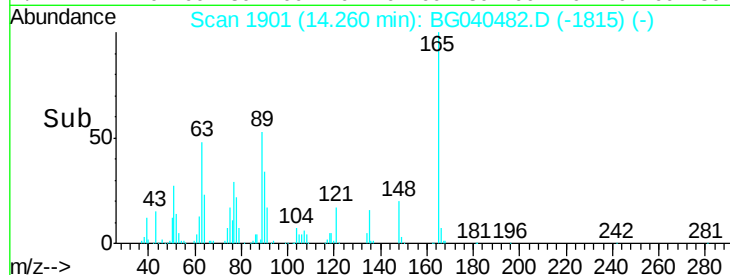
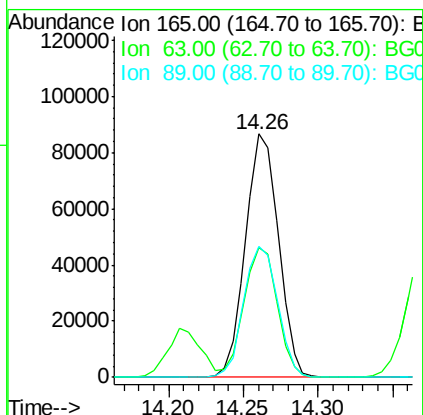
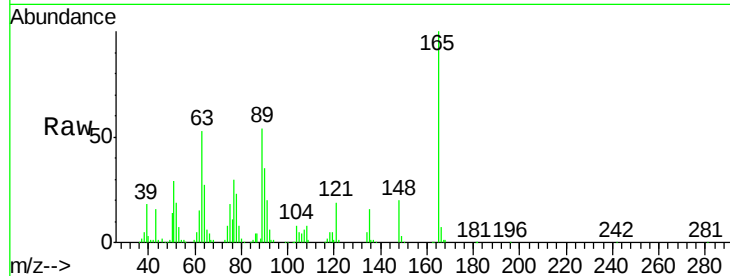




#51
 2,6-Dinitrotoluene
 Concen: 52.211 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

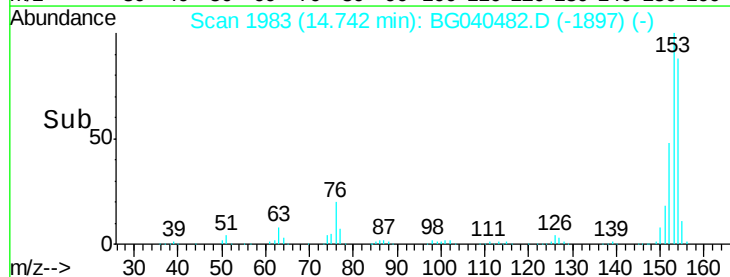
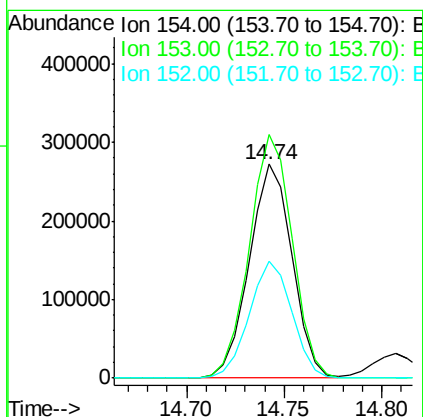
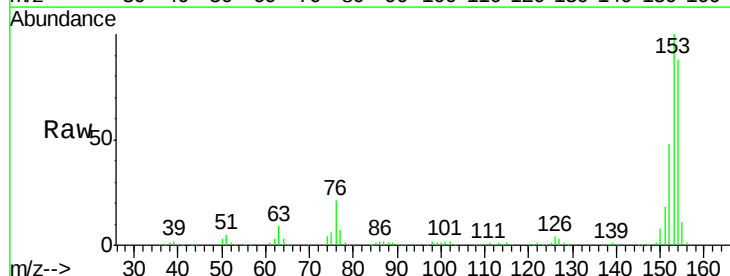
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 132594
 Ion Ratio Lower Upper
 165 100
 63 53.3 44.1 66.1
 89 53.7 44.9 67.3



#52
 Acenaphthene
 Concen: 48.628 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion:154 Resp: 413793
 Ion Ratio Lower Upper
 154 100
 153 113.7 92.8 139.2
 152 54.4 43.4 65.2





#53

3-Nitroaniline

Concen: 34.251 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

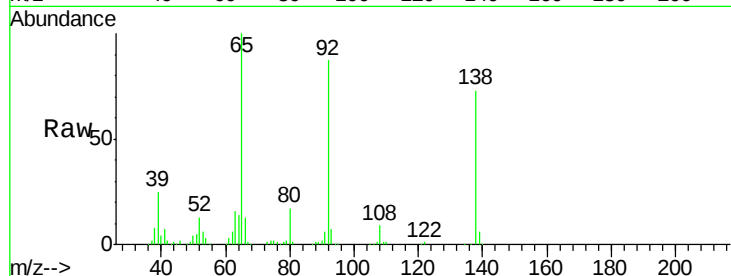
Tot Ion:138 Resp: 92073

Ion Ratio Lower Upper

138 100

108 12.3 7.8 11.8#

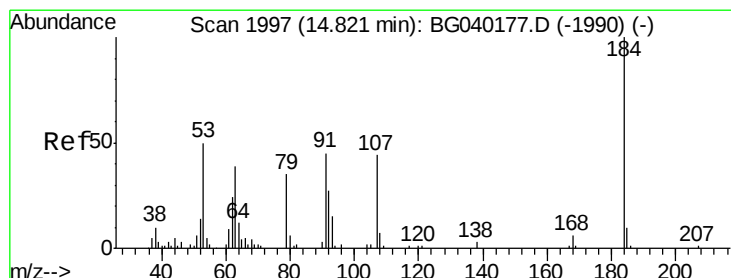
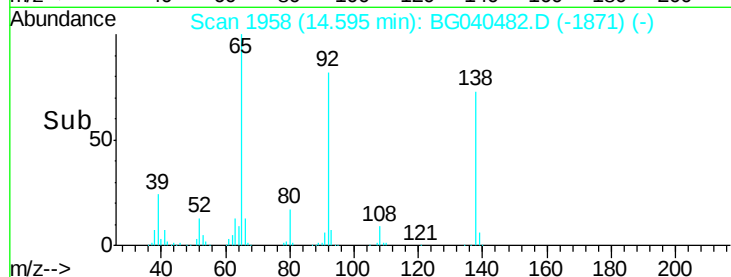
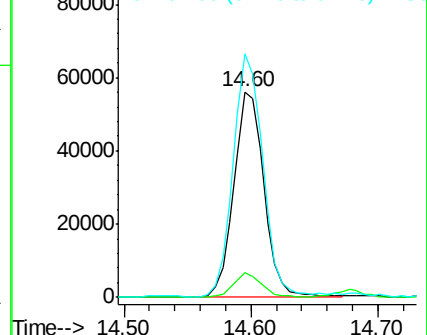
92 118.5 87.5 131.3



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): B



#54

2,4-Dinitrophenol

Concen: 67.792 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

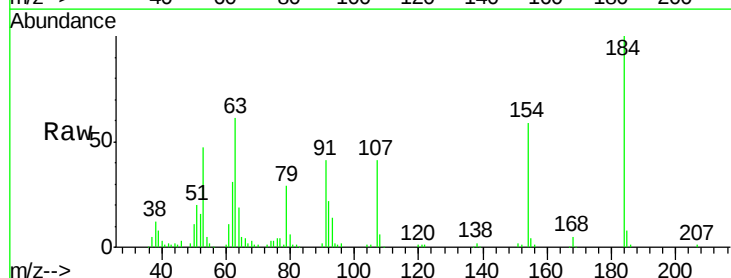
Tgt Ion:184 Resp: 91560

Ion Ratio Lower Upper

184 100

63 60.8 51.8 77.8

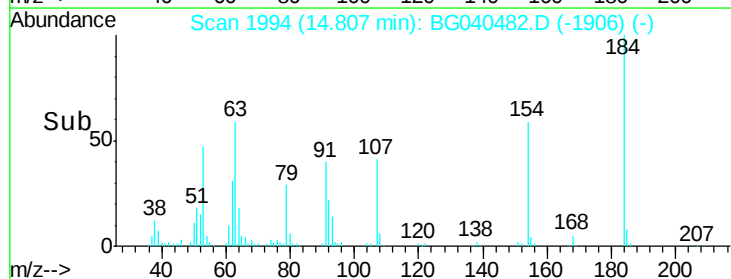
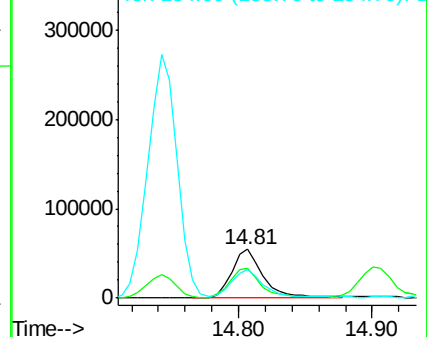
154 59.3 50.9 76.3

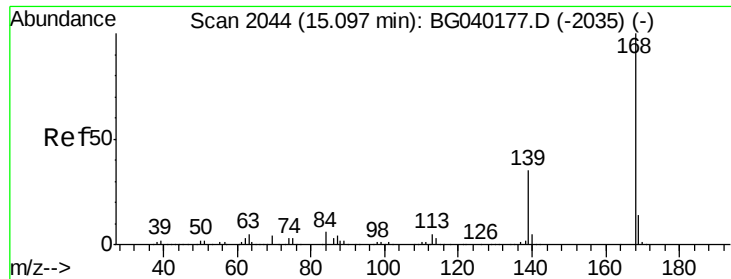


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

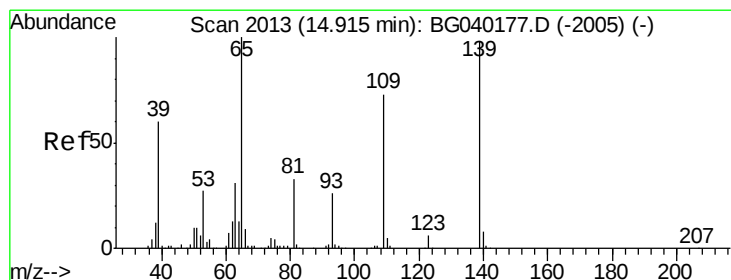
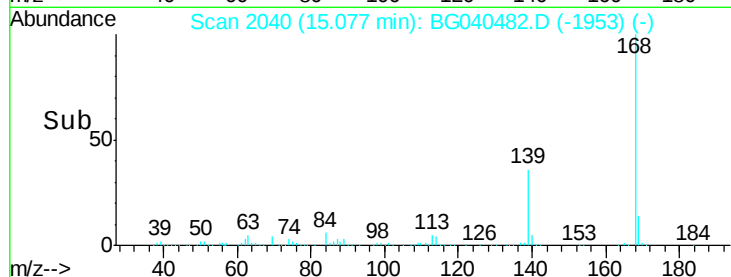
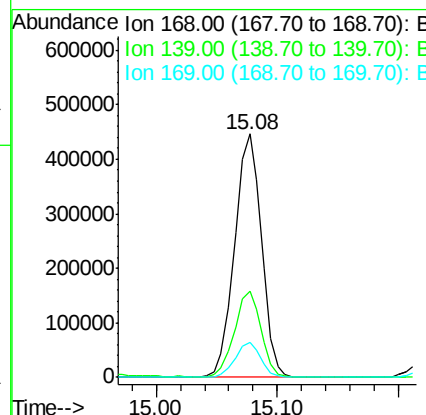
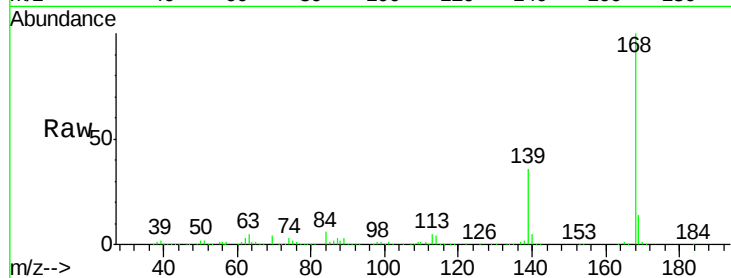




#55
Dibenzofuran
Concen: 50.491 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

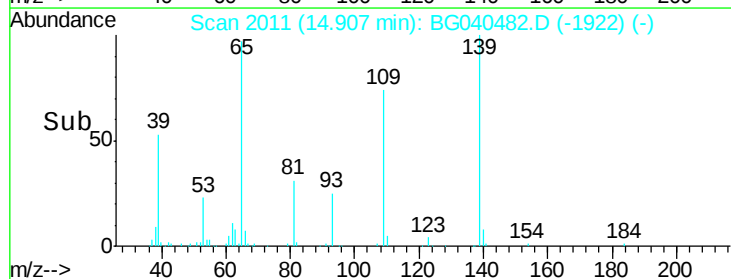
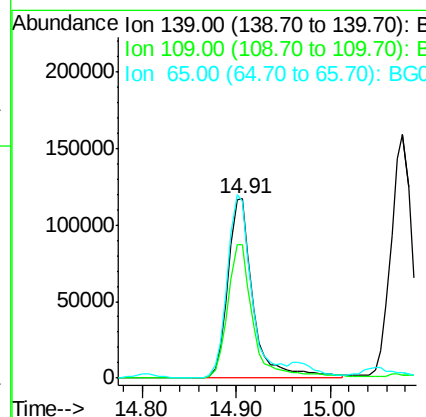
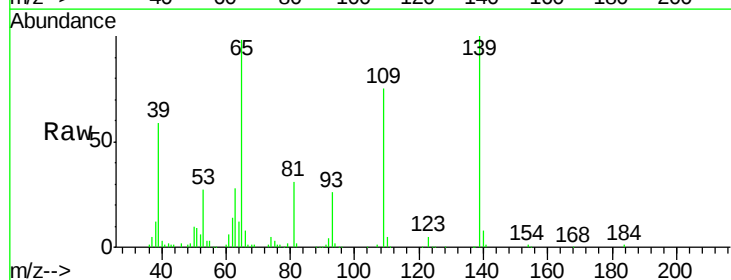
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	27.9	41.9
169	14.2	11.3	16.9



#56
4-Nitrophenol
Concen: 101.818 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.7	54.3	94.3
65	98.4	82.5	122.5

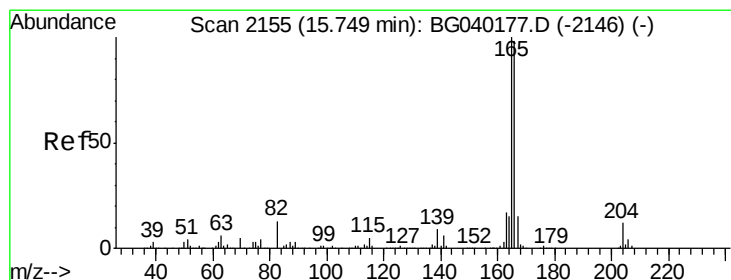
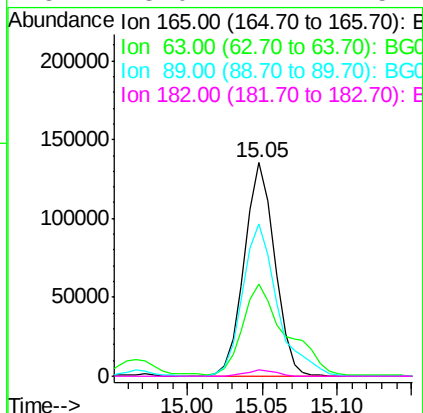
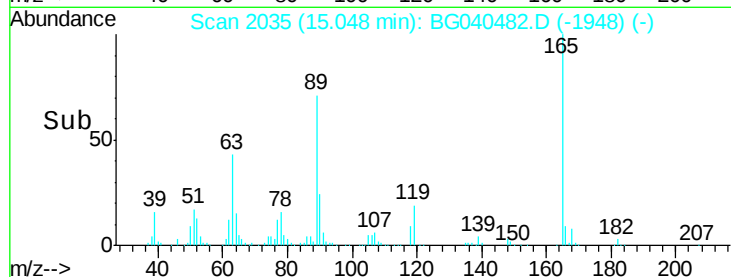
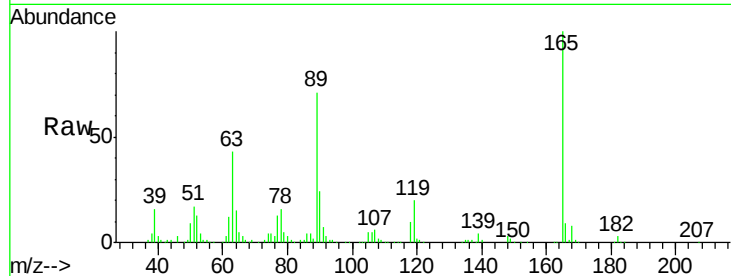




#57
2,4-Dinitrotoluene
Concen: 54.325 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

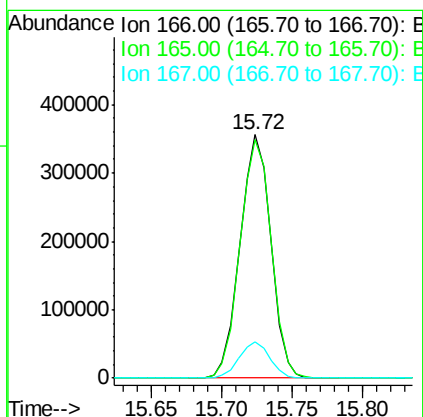
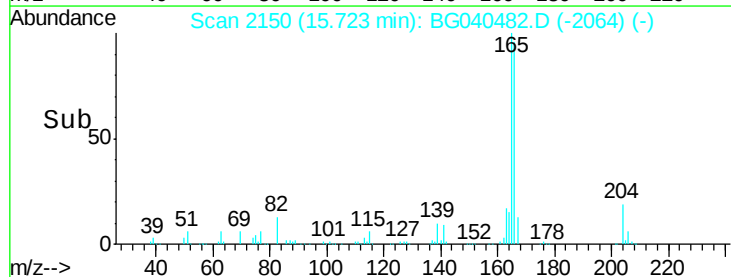
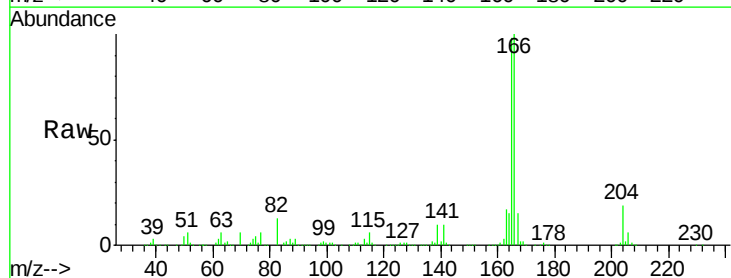
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	191701
Ion Ratio	Lower	Upper
165	100	
63	43.2	33.8 50.6
89	71.3	55.4 83.2
182	3.0	2.2 3.4



#58
Fluorene
Concen: 50.567 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:166	Resp:	543612
Ion Ratio	Lower	Upper
166	100	
165	98.0	81.7 122.5
167	15.0	11.9 17.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.840 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 166489

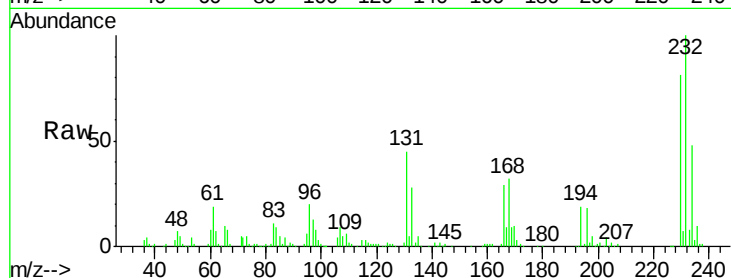
Ion Ratio Lower Upper

232 100

131 40.3 32.9 49.3

130 2.5 1.8 2.8

166 27.3 23.5 35.3

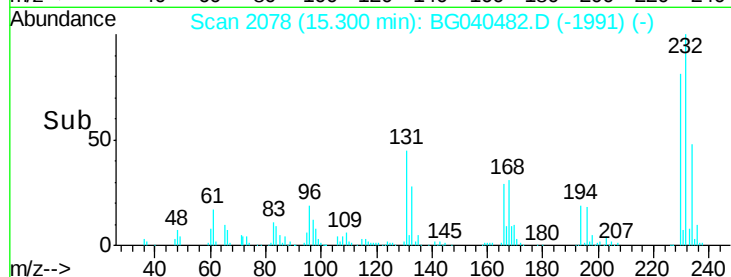


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

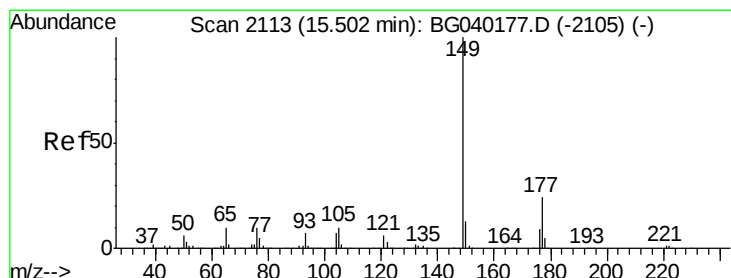
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

15.30



#60

Diethylphthalate

Concen: 52.606 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

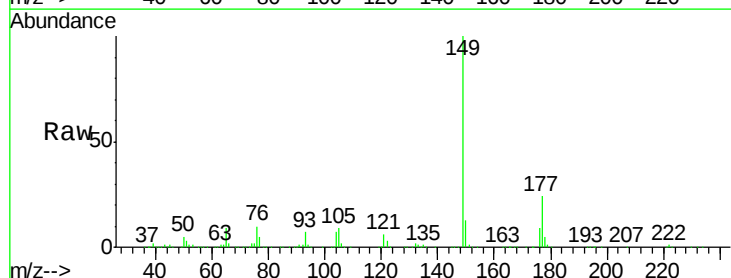
Tgt Ion:149 Resp: 608847

Ion Ratio Lower Upper

149 100

177 24.0 19.1 28.7

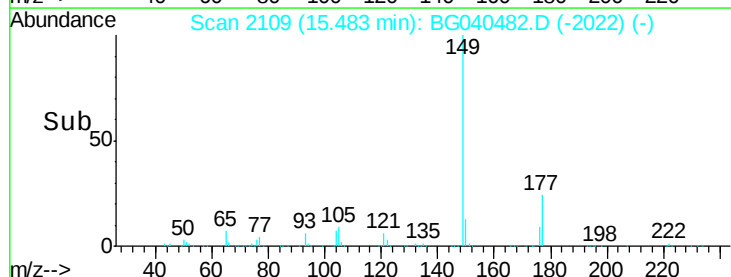
150 13.2 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

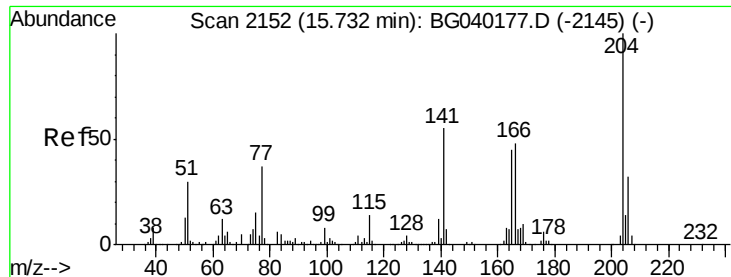
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

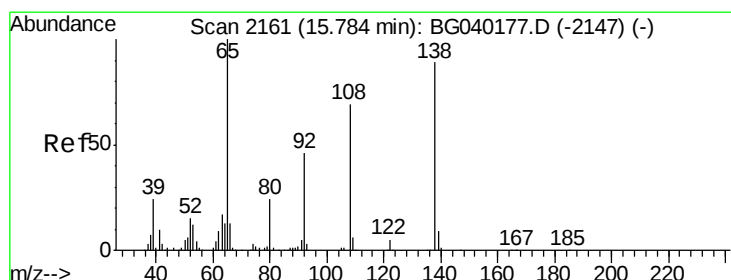
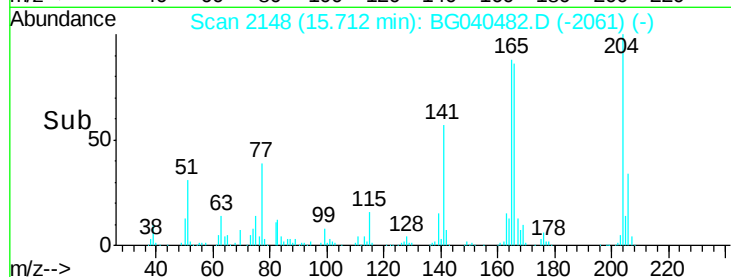
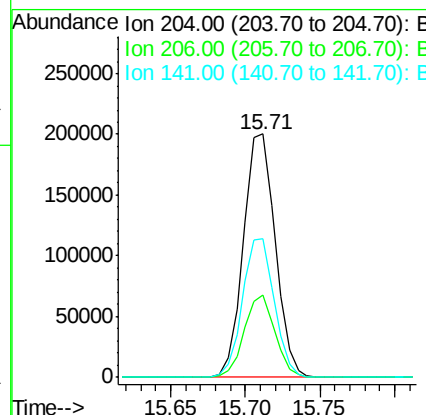
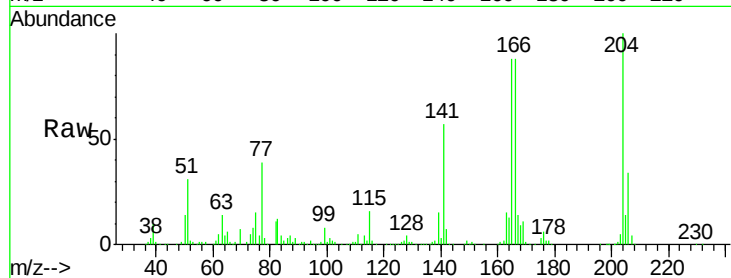
15.48



#61
 4-Chlorophenyl-phenylether
 Concen: 51.412 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

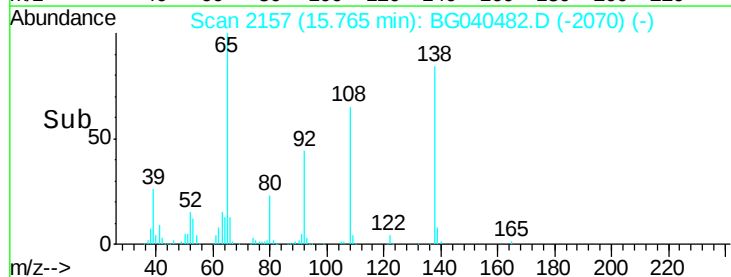
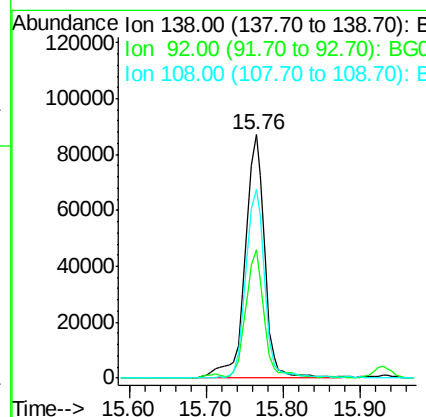
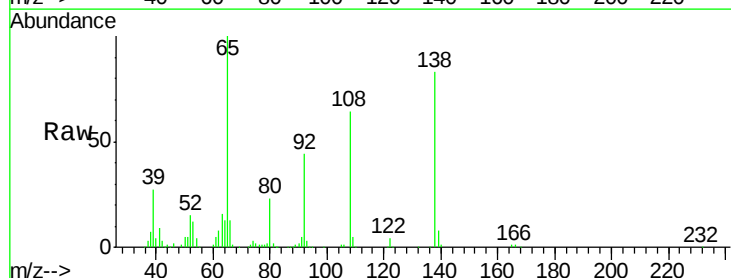
Instrument :
 BNA_G
 ClientSampled :

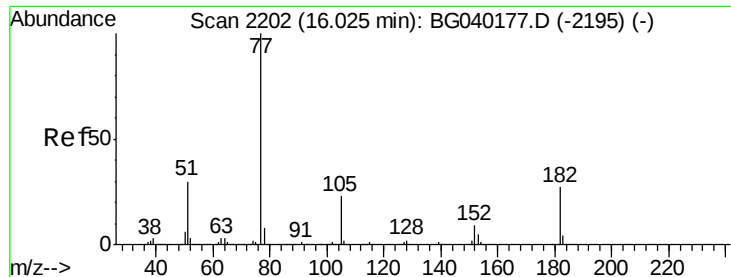
Tot Ion:204 Resp: 295429
 Ion Ratio Lower Upper
 204 100
 206 33.6 25.7 38.5
 141 57.0 44.0 66.0



#62
 4-Nitroaniline
 Concen: 54.196 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion:138 Resp: 156350
 Ion Ratio Lower Upper
 138 100
 92 52.8 31.8 71.8
 108 77.6 57.2 97.2





#63

Azobenzene

Concen: 51.817 ng

RT: 16.01 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 565688

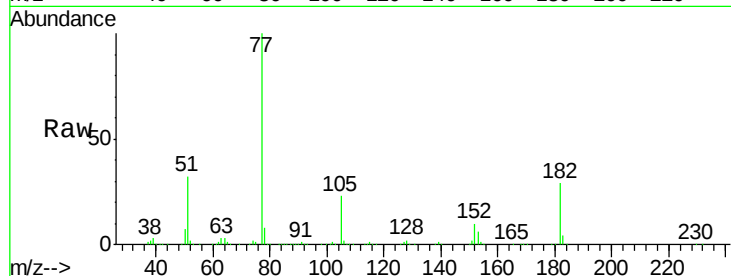
Ion Ratio Lower Upper

77 100

182 28.7 7.2 47.2

105 22.9 2.8 42.8

51 32.1 10.4 50.4

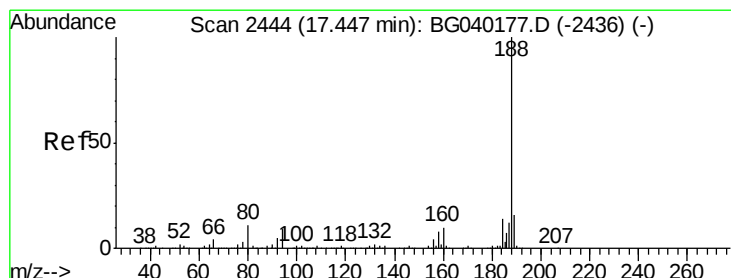
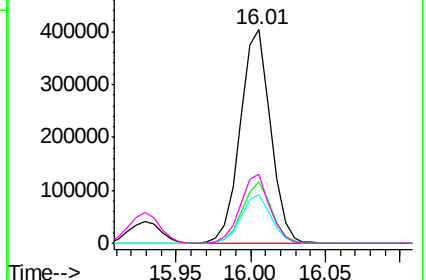
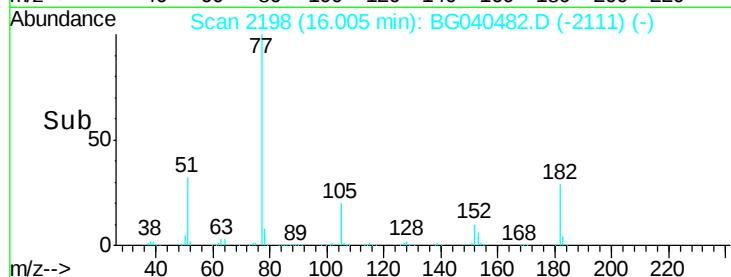


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

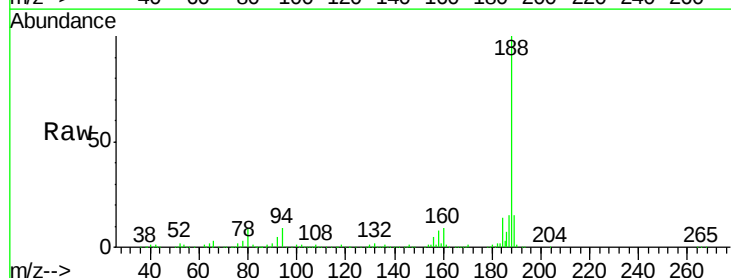
Tgt Ion: 188 Resp: 389670

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

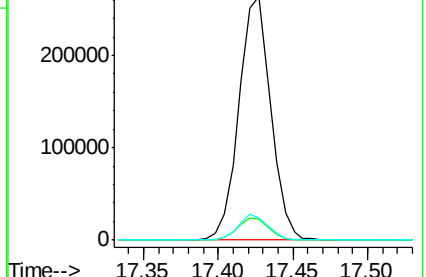
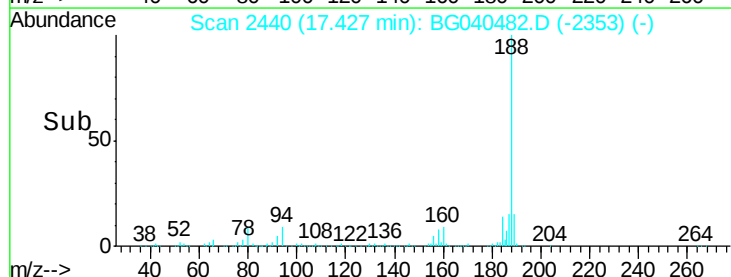
80 9.3 8.6 13.0

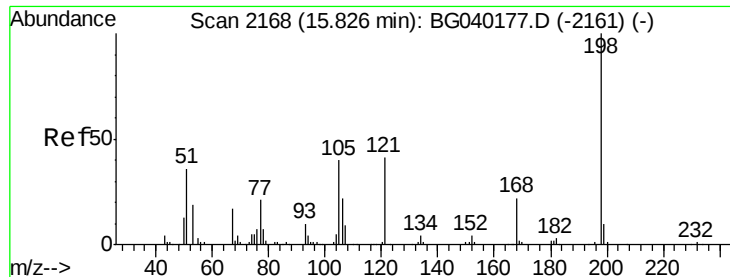


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.154 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

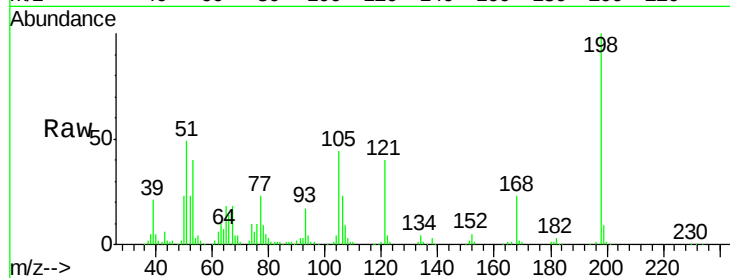
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 98853

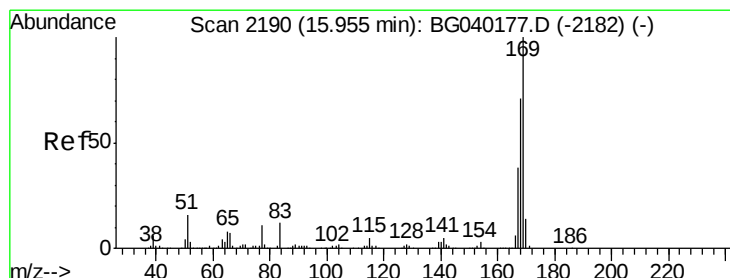
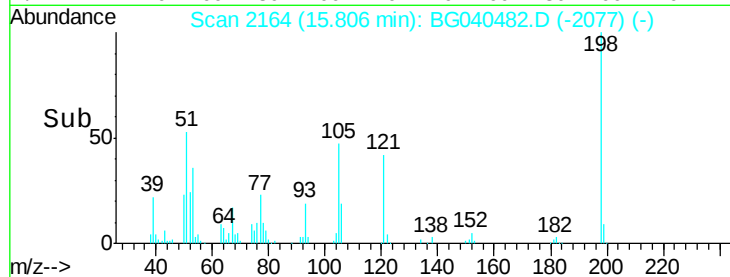
Ion	Ratio	Lower	Upper
198	100		
51	49.1	27.3	67.3
105	43.8	21.7	61.7



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: 46.353 ng

RT: 15.93 min Scan# 2185

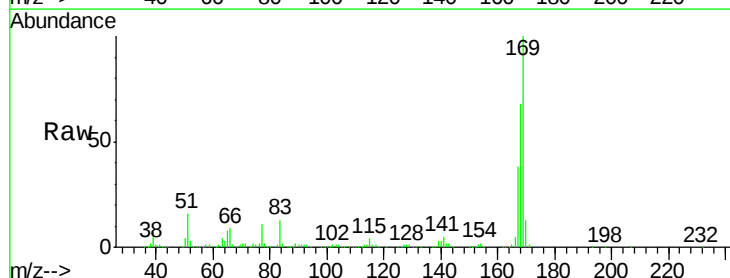
Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:169 Resp: 528551

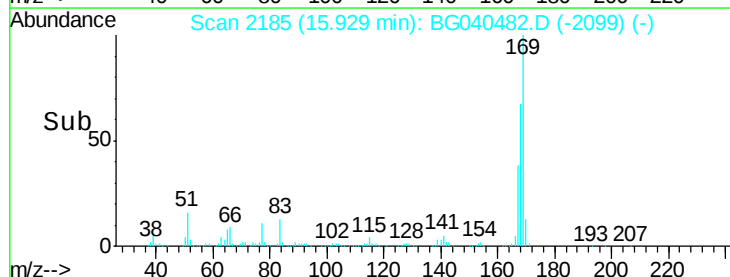
Ion	Ratio	Lower	Upper
169	100		
168	67.5	56.8	85.2
167	37.7	30.2	45.4



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

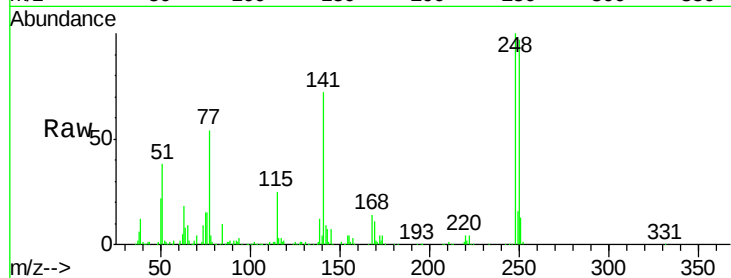




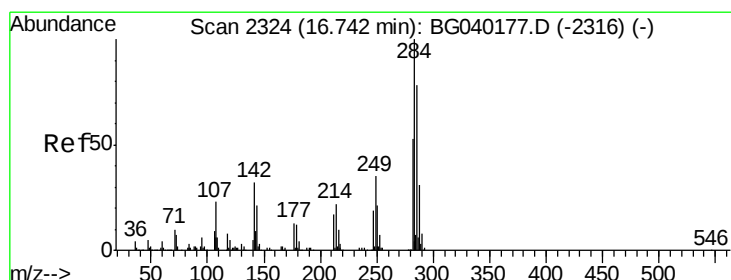
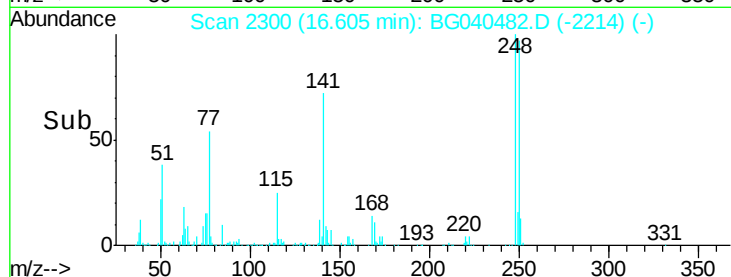
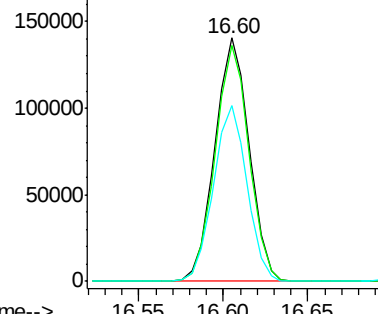
#67
4-Bromophenyl-phenylether
Concen: 45.253 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 198442
Ion Ratio Lower Upper
248 100
250 96.7 76.4 114.6
141 72.4 53.8 80.8

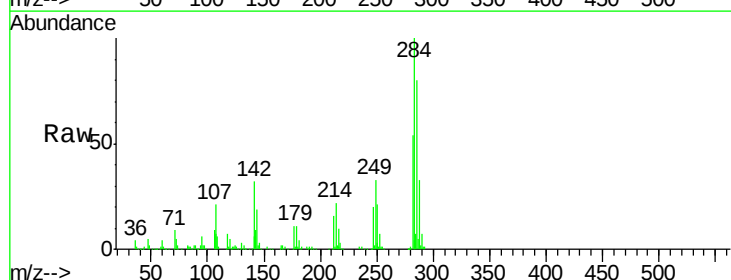


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

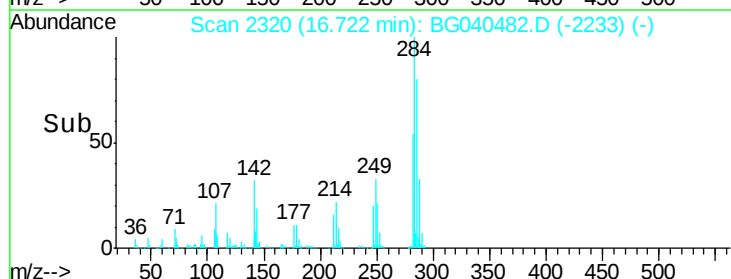
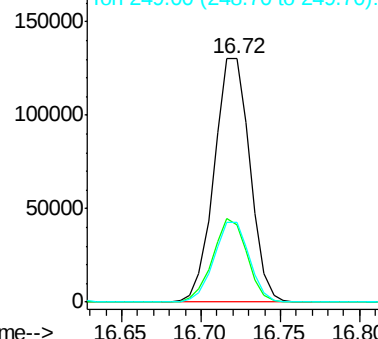


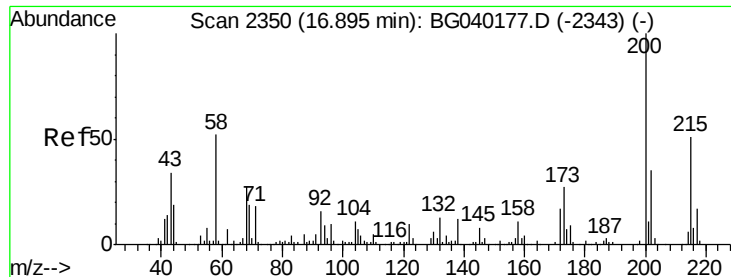
#68
Hexachlorobenzene
Concen: 46.227 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:284 Resp: 203816
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 32.5 28.2 42.2



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





#69

Atrazine

Concen: 48.028 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

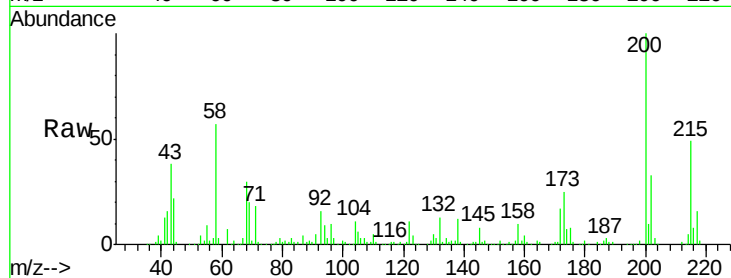
Tot Ion:200 Resp: 203724

Ion Ratio Lower Upper

200 100

173 25.5 7.1 47.1

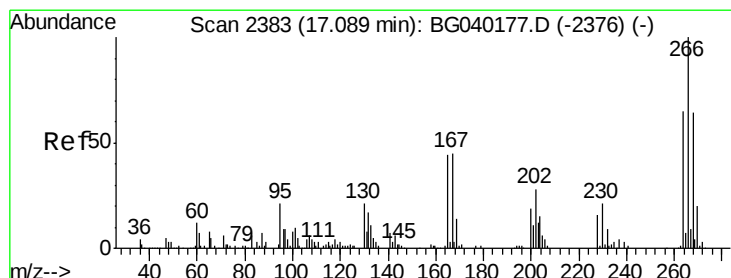
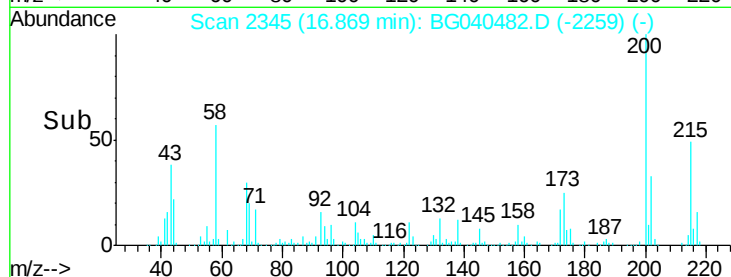
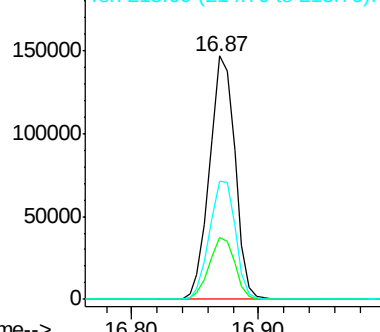
215 48.5 30.9 70.9



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: 83.453 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

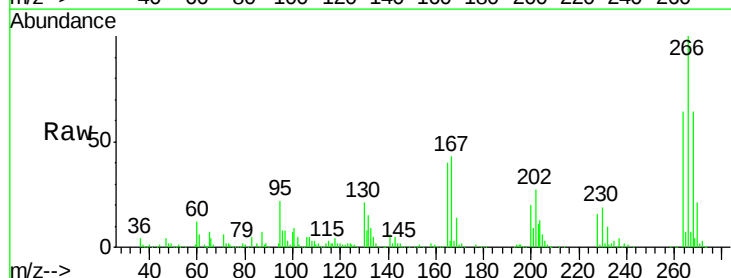
Tgt Ion:266 Resp: 212727

Ion Ratio Lower Upper

266 100

268 68.6 55.0 82.4

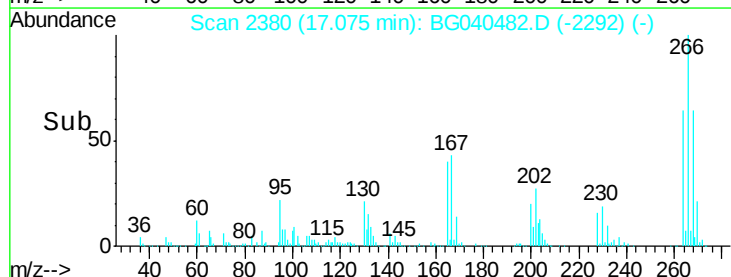
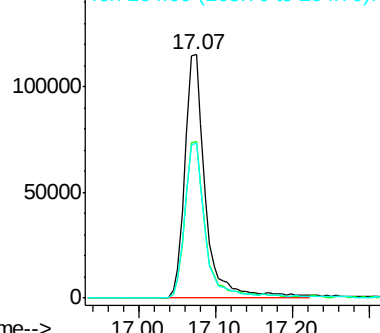
264 63.5 51.8 77.8

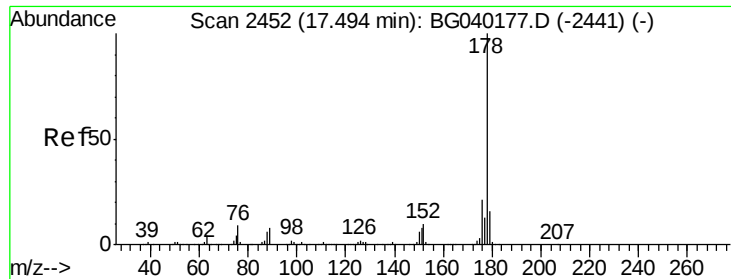


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

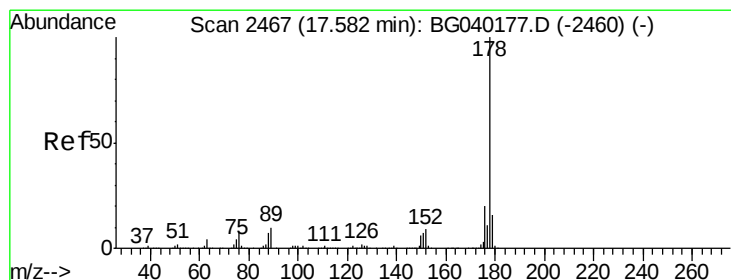
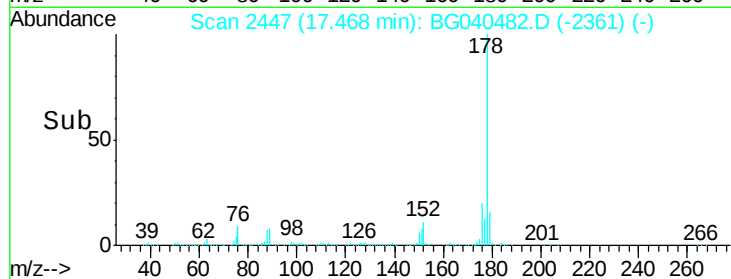
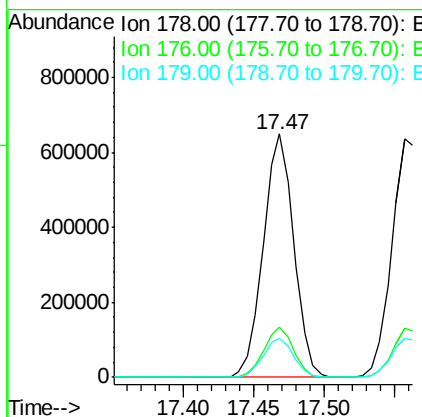
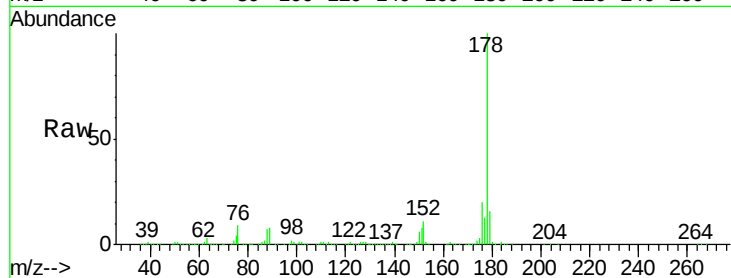




#71
 Phenanthrene
 Concen: 48.144 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

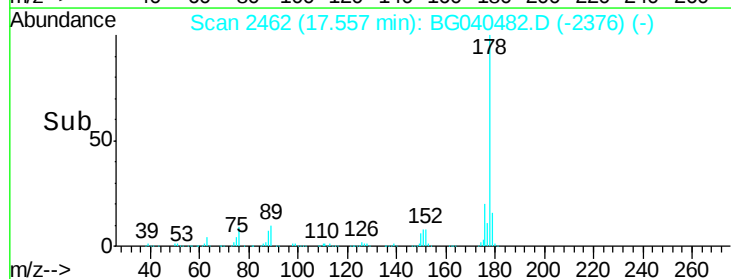
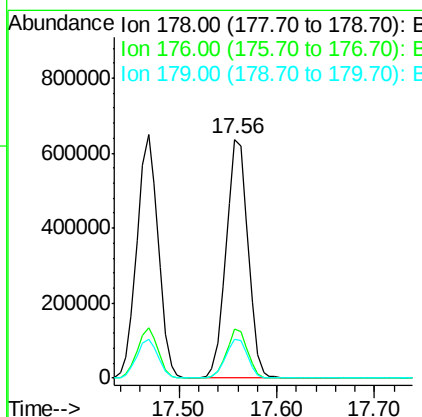
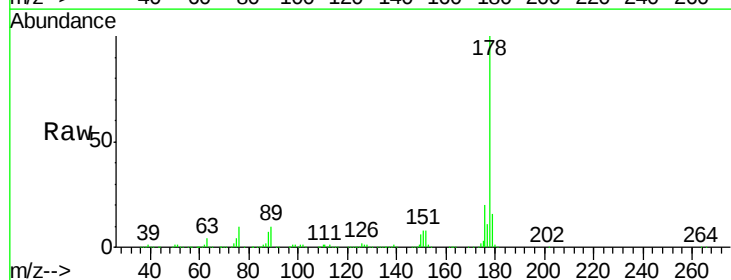
Instrument :
 BNA_G
 ClientSampleId :

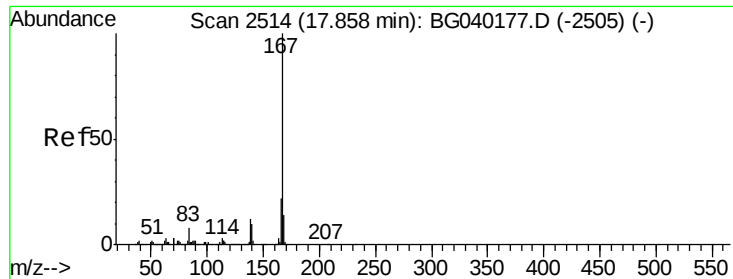
Tot Ion:178 Resp: 986069
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.7 25.1
 179 16.1 12.8 19.2



#72
 Anthracene
 Concen: 48.355 ng
 RT: 17.56 min Scan# 2462
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion:178 Resp: 991316
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.9 23.9
 179 16.4 12.9 19.3





#73

Carbazole

Concen: 49.106 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

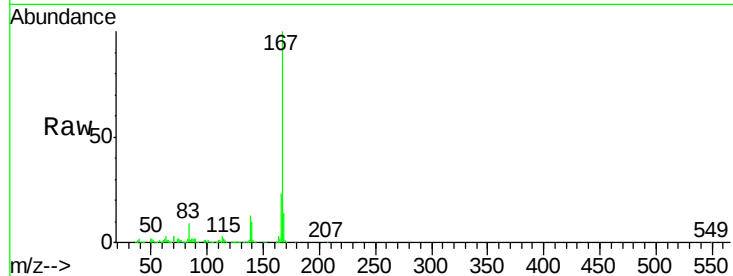
Tot Ion:167 Resp: 952734

Ion Ratio Lower Upper

167 100

166 22.7 17.5 26.3

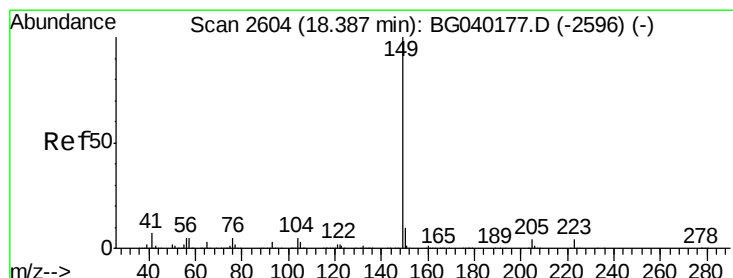
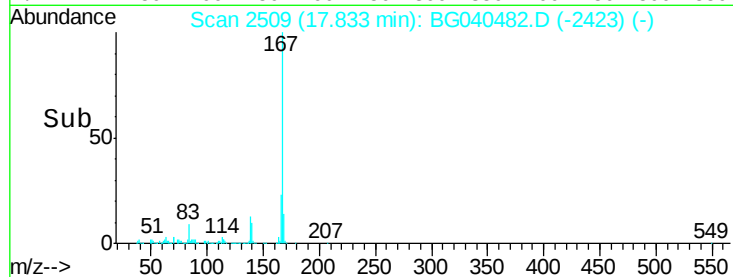
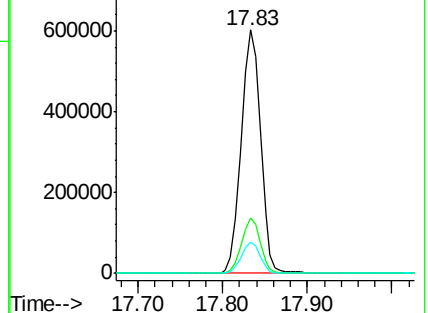
139 13.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.382 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

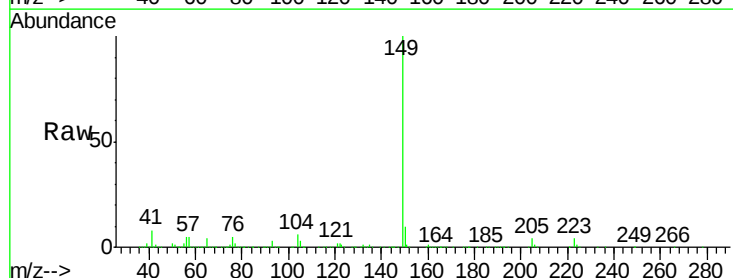
Tgt Ion:149 Resp: 1135665

Ion Ratio Lower Upper

149 100

150 10.3 7.9 11.9

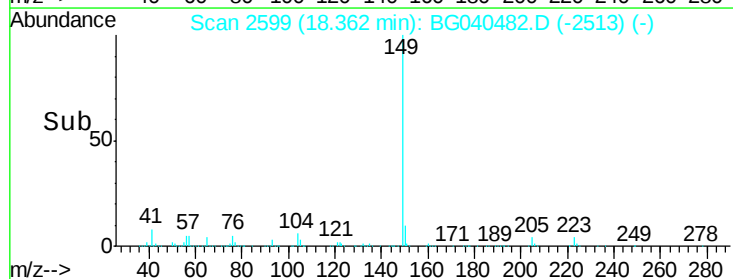
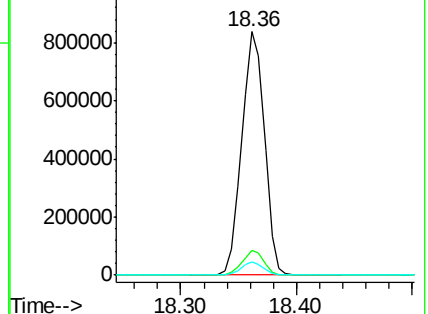
104 5.5 4.1 6.1

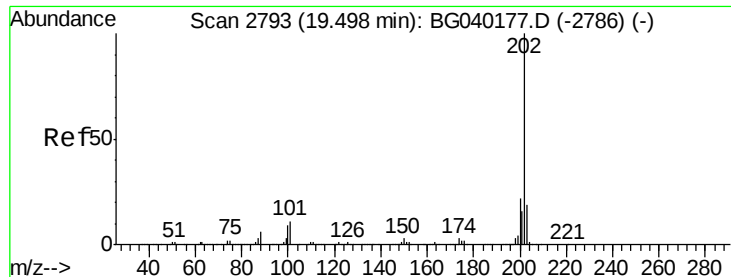


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.809 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

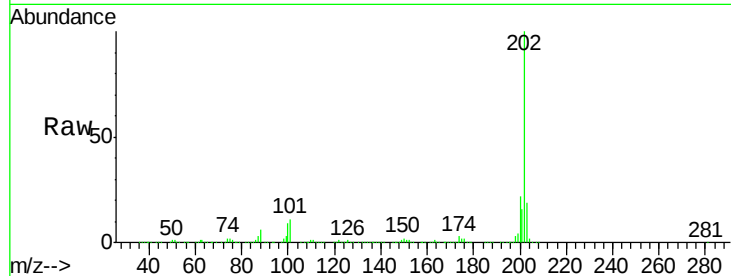
Tot Ion:202 Resp: 1208018

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

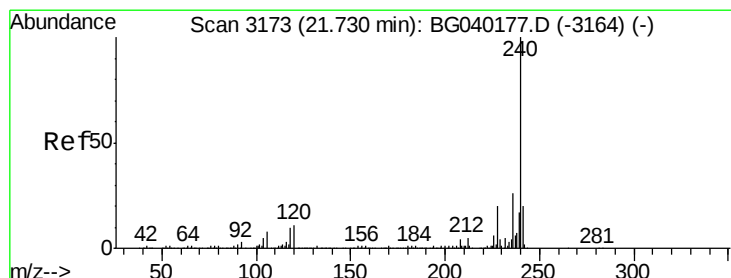
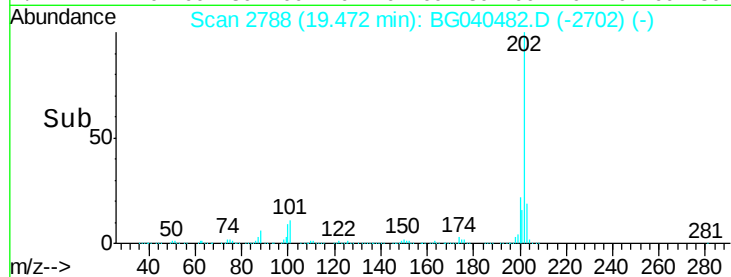
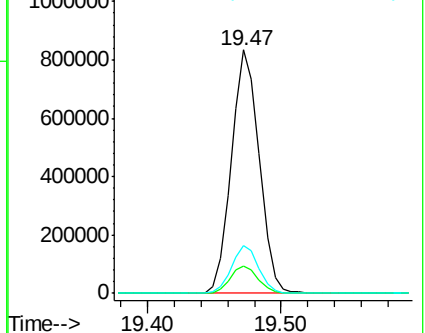
203 19.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

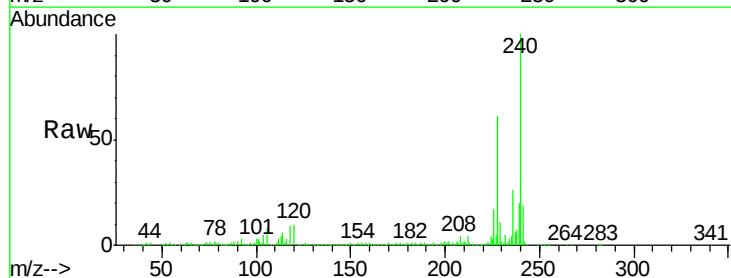
Tgt Ion:240 Resp: 368768

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

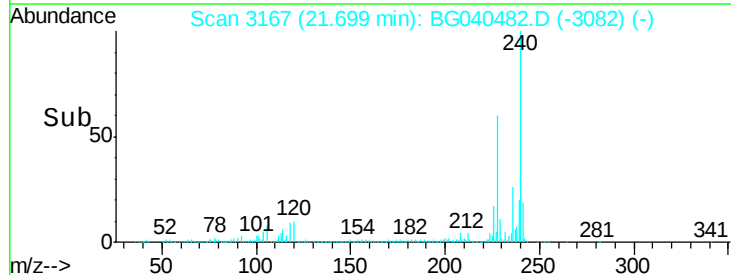
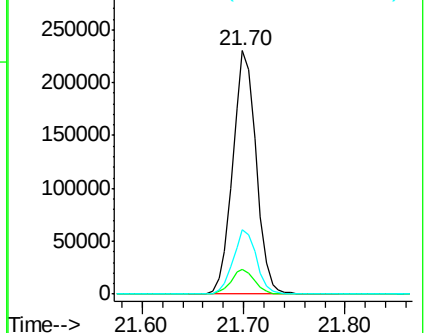
236 26.5 20.8 31.2

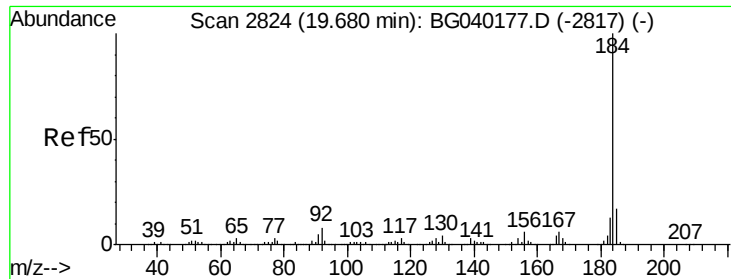


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.083 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

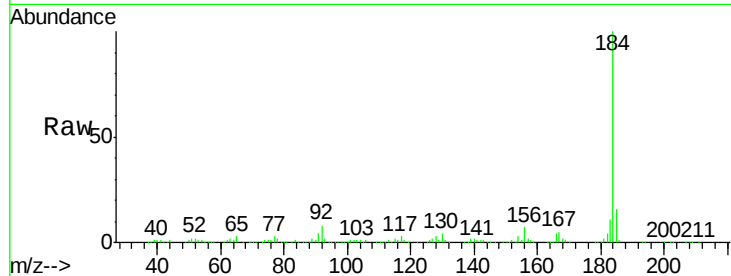
Tot Ion:184 Resp: 307392

Ion Ratio Lower Upper

184 100

185 16.0 13.3 19.9

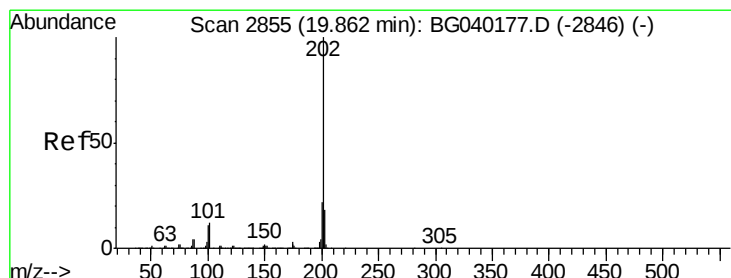
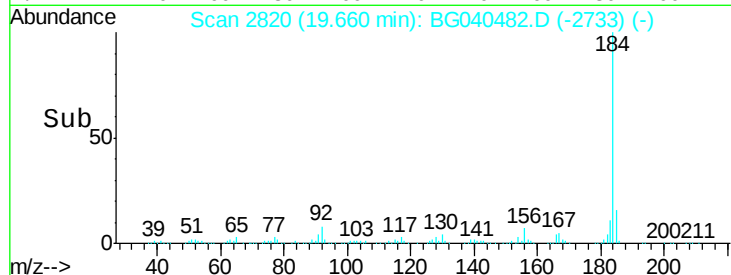
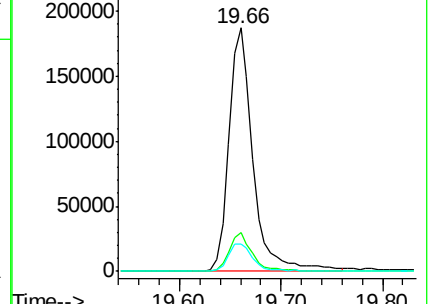
183 11.2 10.3 15.5



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: 50.937 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

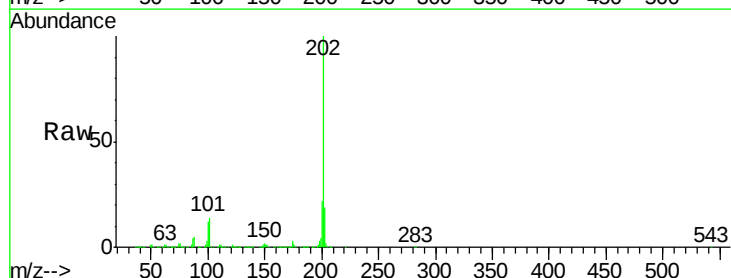
Tgt Ion:202 Resp: 1235267

Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

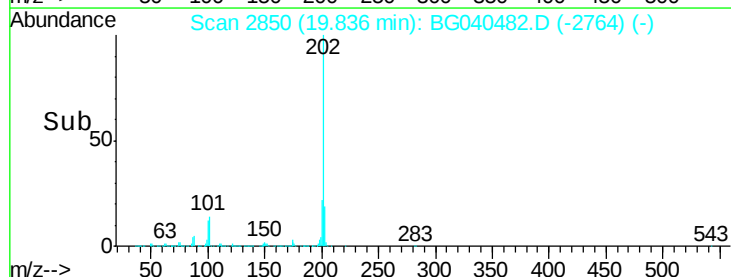
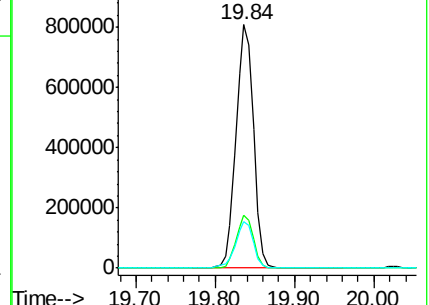
203 19.0 14.6 22.0

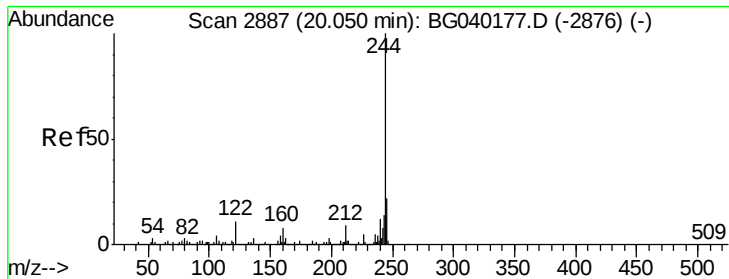


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.439 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampled :

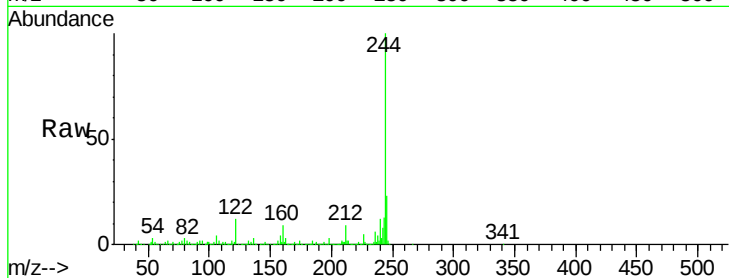
Tot Ion:244 Resp: 1433317

Ion Ratio Lower Upper

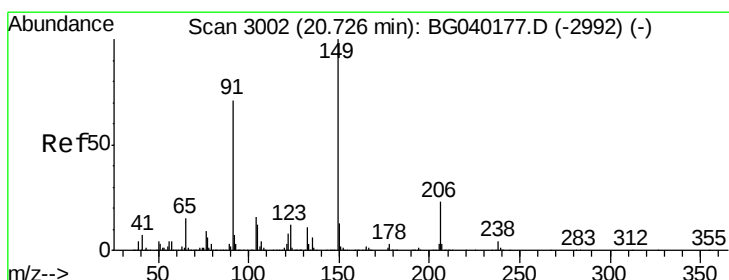
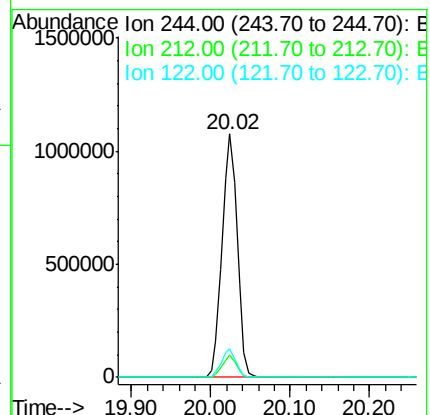
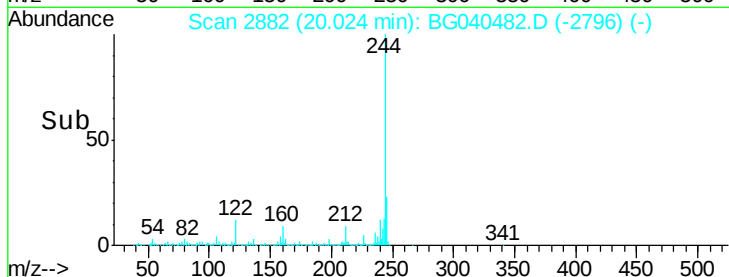
244 100

212 9.3 7.0 10.6

122 11.6 8.5 12.7



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: 53.529 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

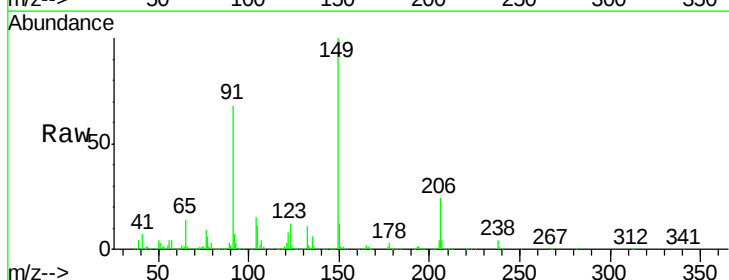
Tgt Ion:149 Resp: 555474

Ion Ratio Lower Upper

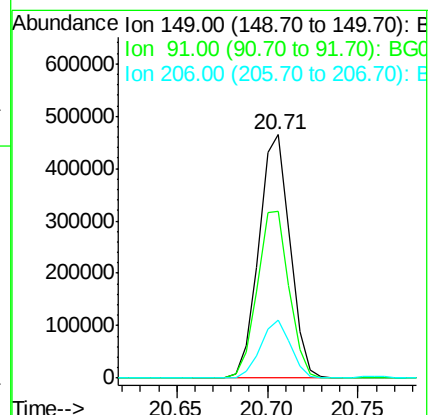
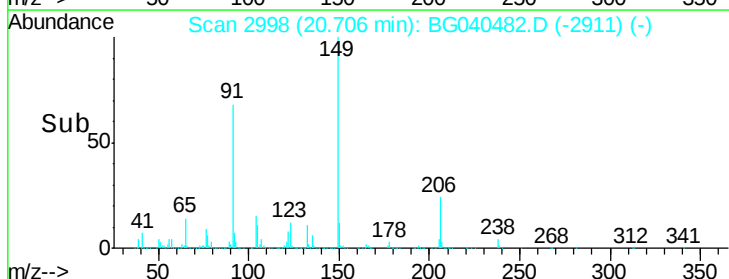
149 100

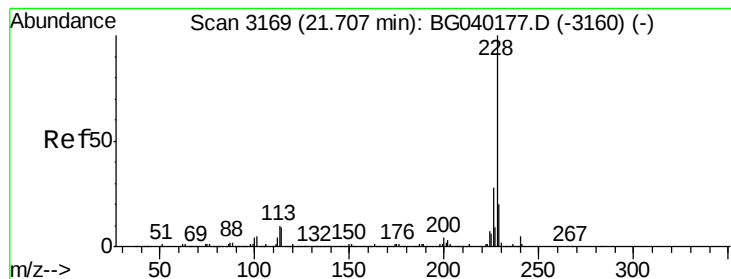
91 68.3 57.0 85.4

206 23.8 18.2 27.4



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: 49.078 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

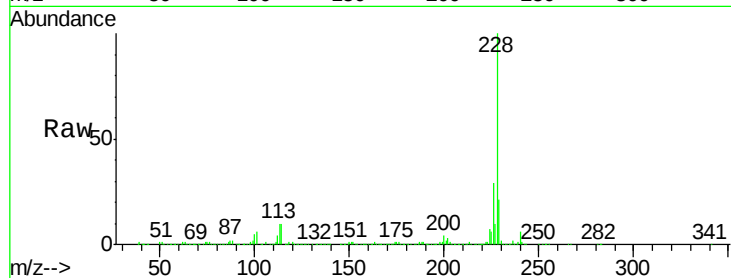
Tot Ion:228 Resp: 1114770

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	21.3	16.1	24.1

228 100

226 28.8 22.6 34.0

229 21.3 16.1 24.1

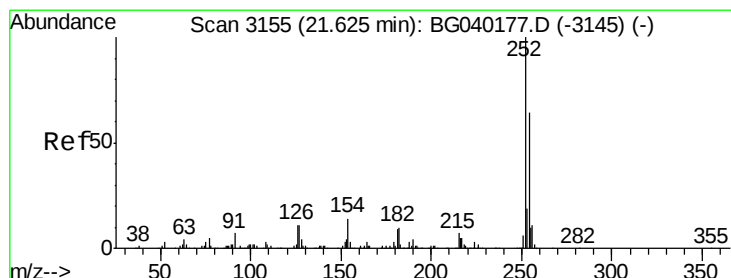
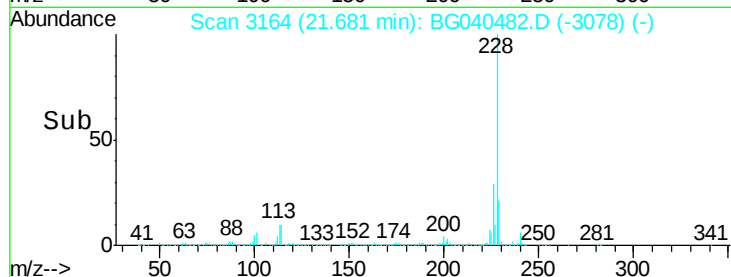
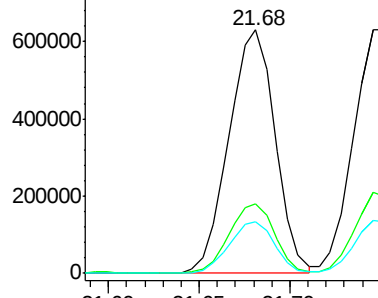


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.990 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

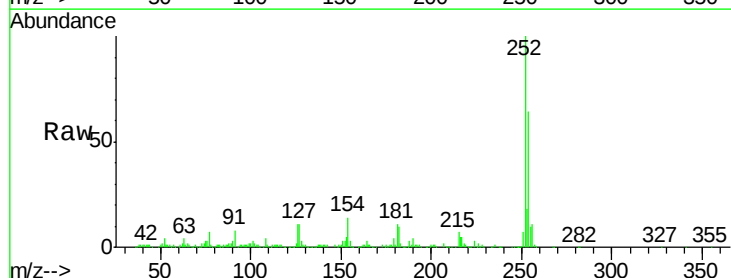
Tgt Ion:252 Resp: 259131

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	10.7	8.5	12.7

252 100

254 64.4 51.4 77.2

126 10.7 8.5 12.7

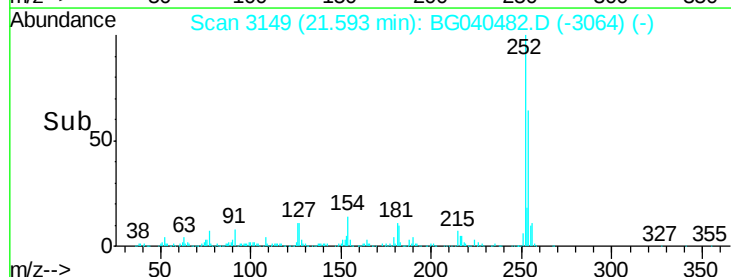
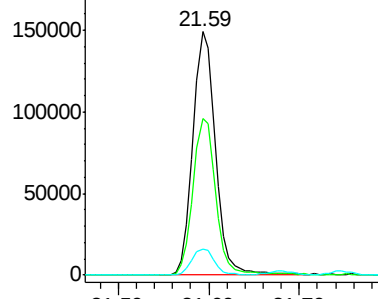


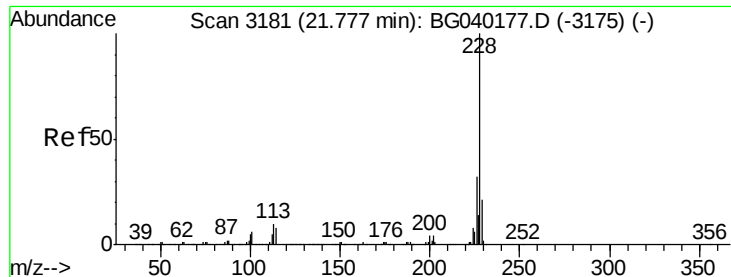
Abundance

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: 50.723 ng

RT: 21.75 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

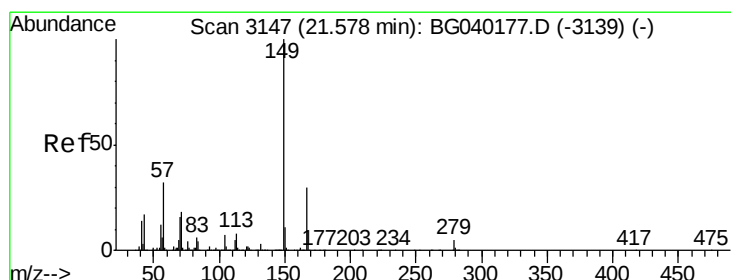
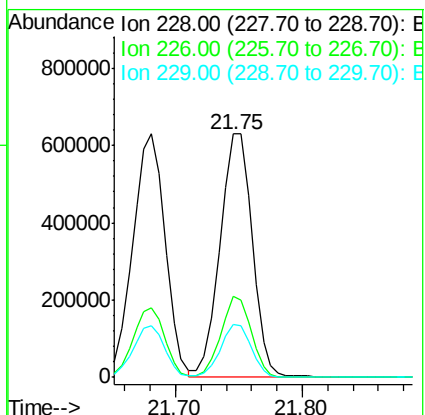
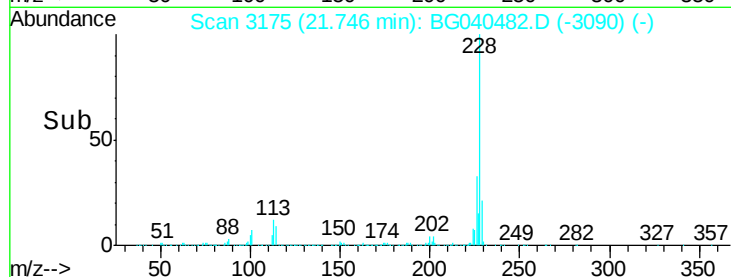
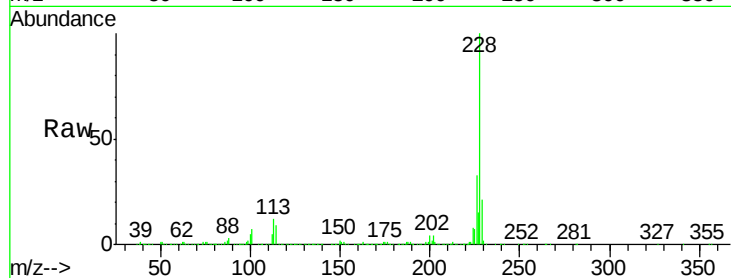
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1107258

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.4	38.0
229	21.5	17.0	25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.093 ng

RT: 21.55 min Scan# 3141

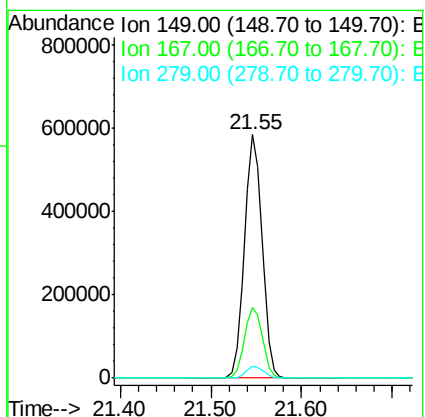
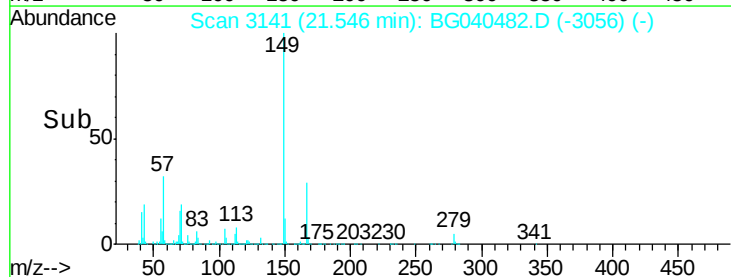
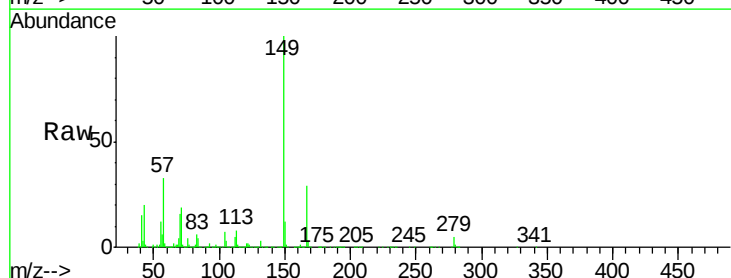
Delta R.T. -0.03 min

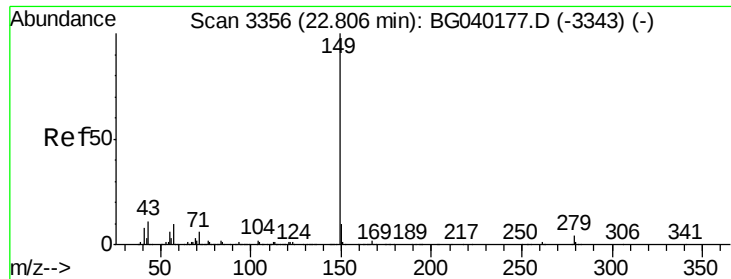
Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:149 Resp: 787574

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.1	36.1
279	4.7	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 53.802 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampled :

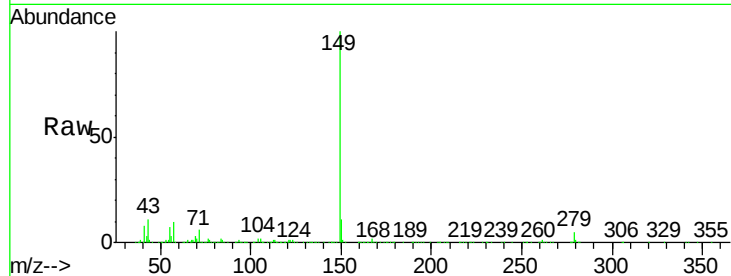
Tot Ion:149 Resp: 1359748

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

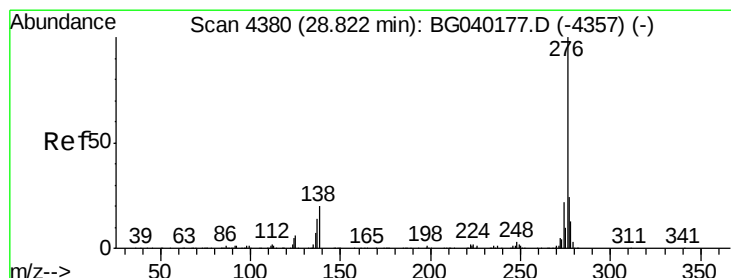
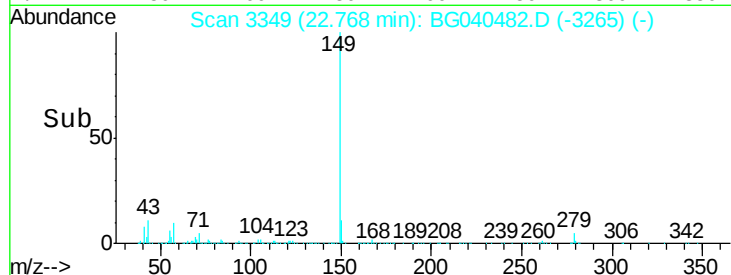
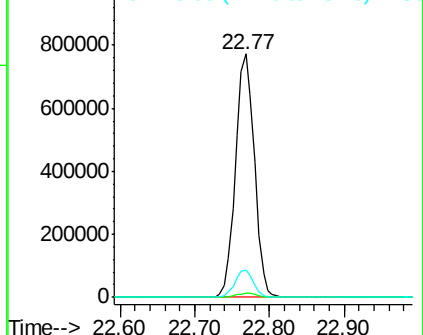
43 11.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.908 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.07 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

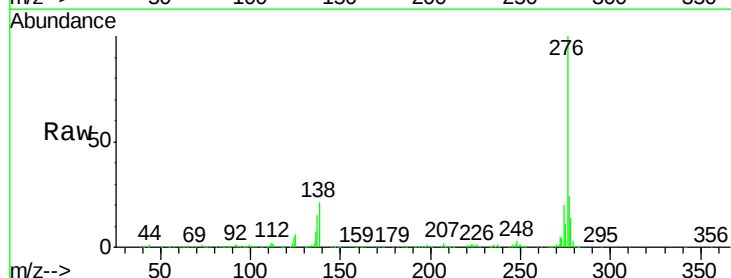
Tgt Ion:276 Resp: 1385896

Ion Ratio Lower Upper

276 100

138 10.6 18.8 28.2#

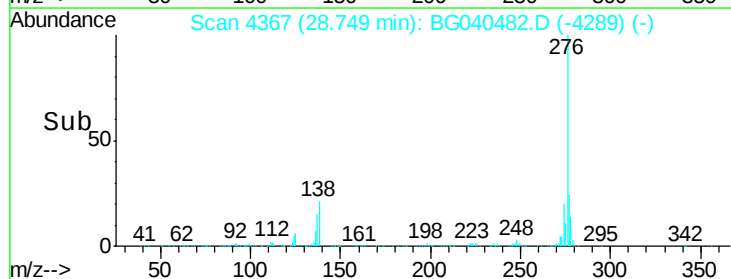
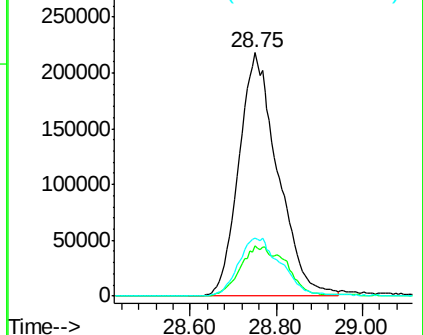
277 26.3 21.0 31.4

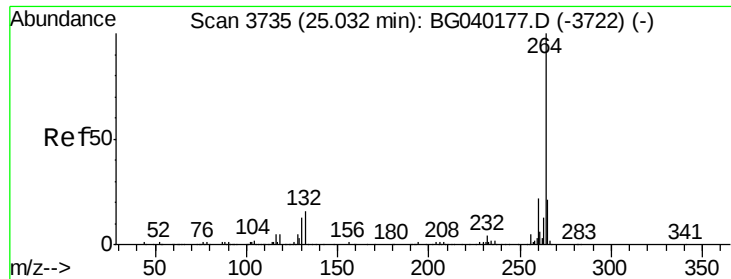


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

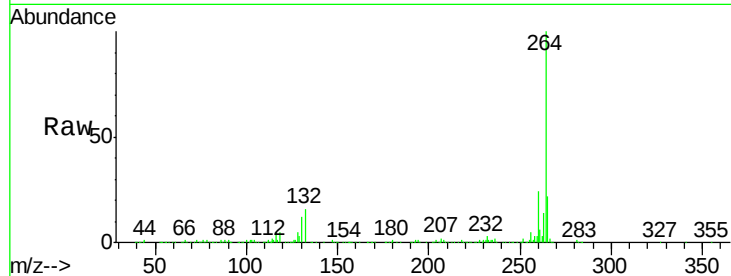
Tot Ion:264 Resp: 420269

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

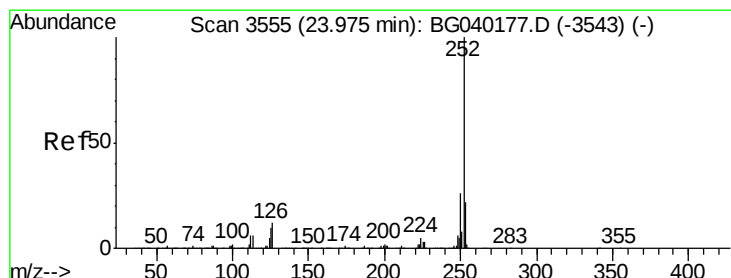
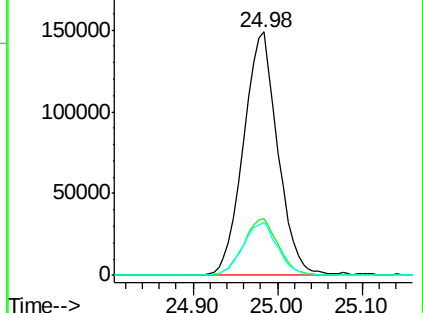
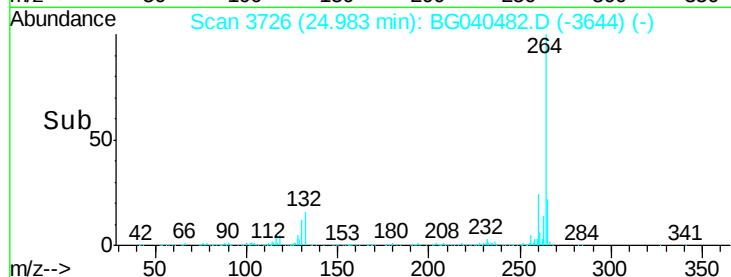
265 22.0 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.554 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.04 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

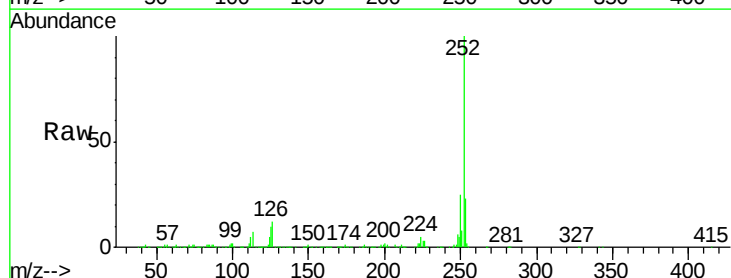
Tgt Ion:252 Resp: 1223578

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

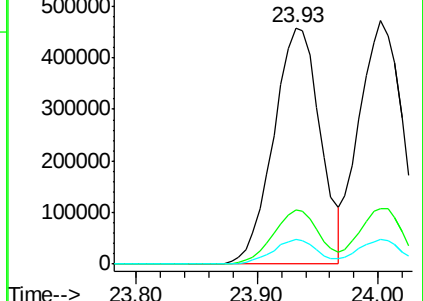
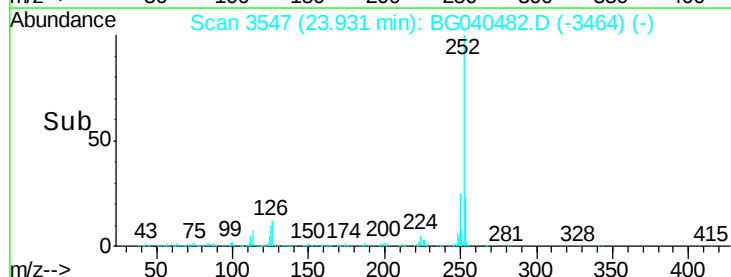
125 10.4 8.2 12.4



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

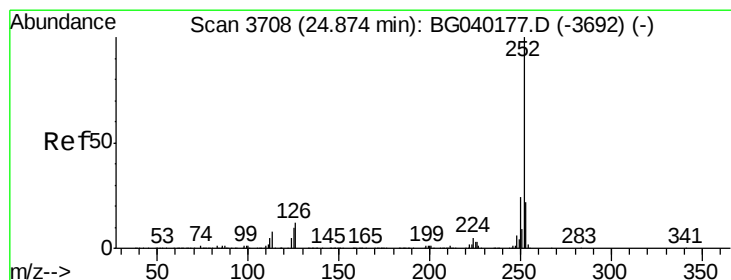
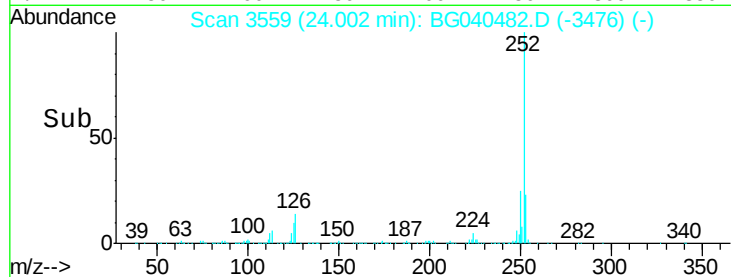
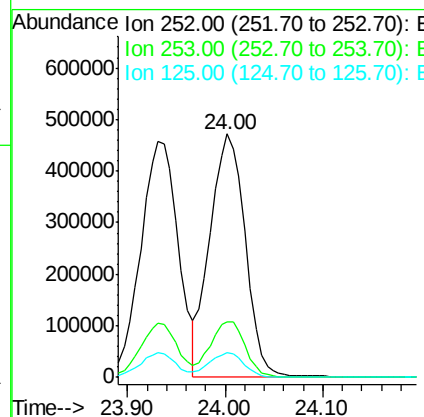
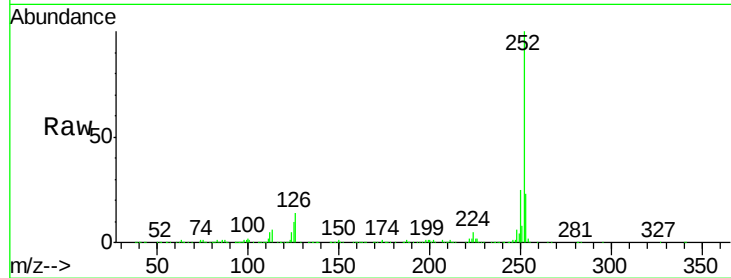




#89
Benzo(k)fluoranthene
Concen: 49.888 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.04 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

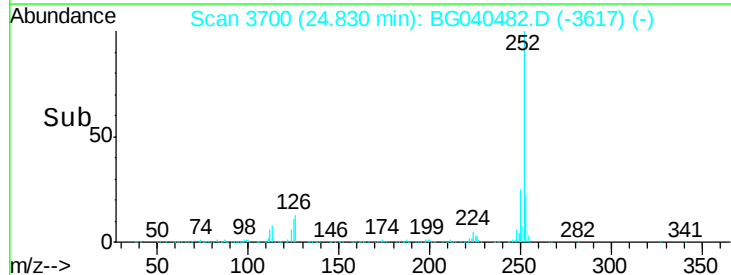
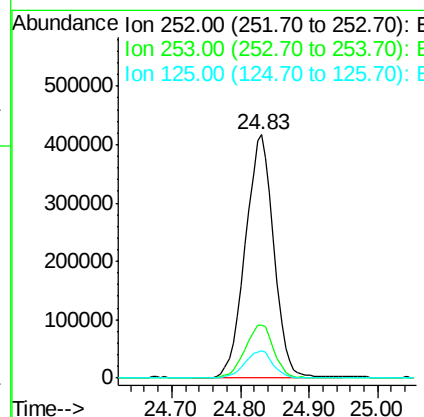
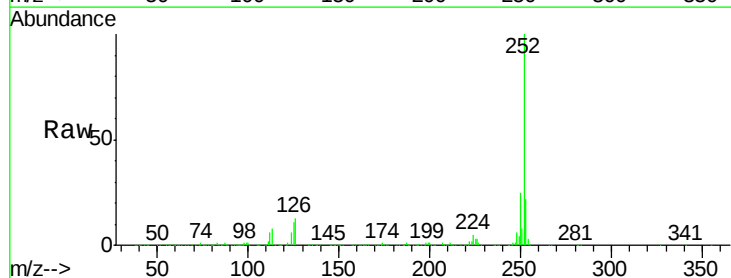
Instrument :
BNA_G
ClientSampleId :

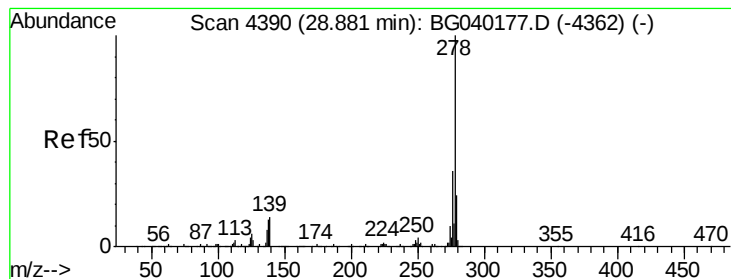
Tot Ion:252 Resp: 1180446
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 49.844 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.04 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:252 Resp: 1203328
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 11.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.298 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.06 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

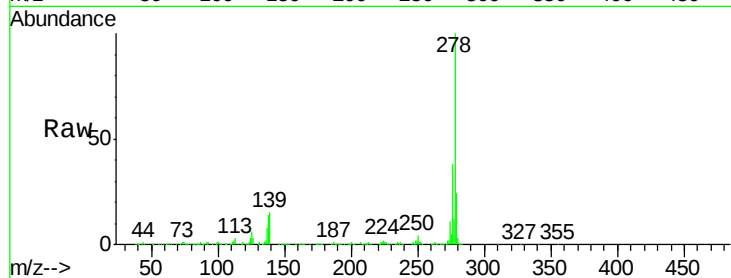
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1127771

Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.2	16.8
279	23.8	18.9	28.3

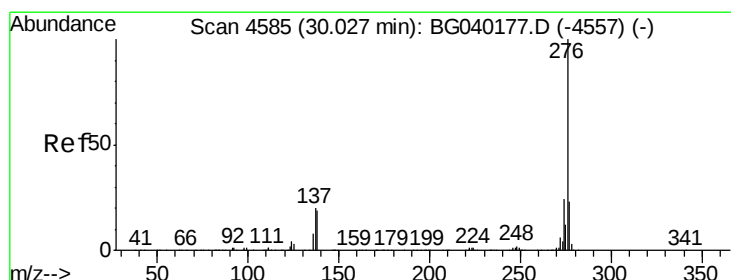
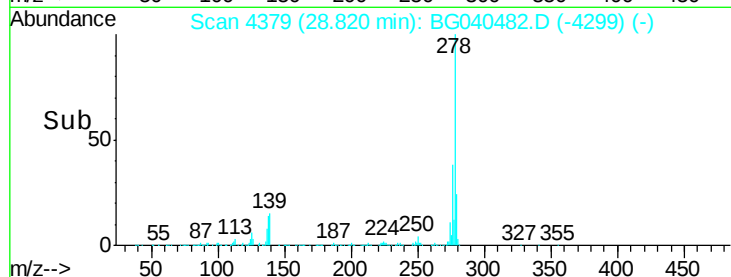
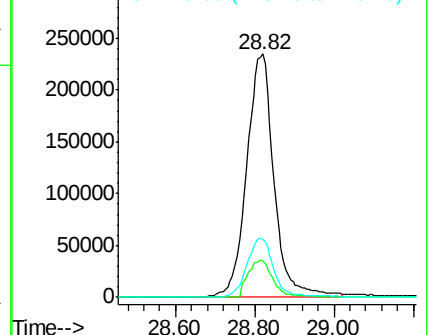


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.152 ng

RT: 29.94 min Scan# 4570

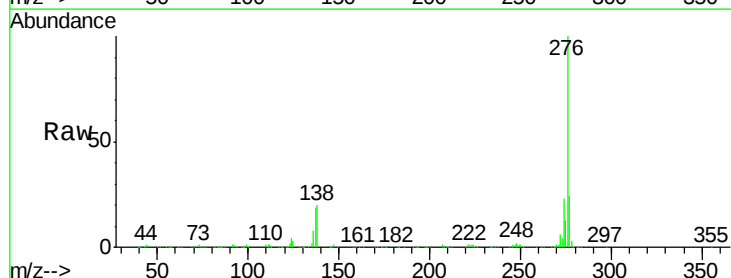
Delta R.T. -0.08 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:276 Resp: 1132606

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	20.1	15.2	22.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

