

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040946.D
 Acq On : 30 May 2019 11:19
 Operator : HP/JU
 Sample : PB119943BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 30 15:09:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53586	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	225069	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	170925	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	459327	20.00	ng	0.00
76) Chrysene-d12	21.78	240	444559	20.00	ng	0.00
87) Perylene-d12	25.11	264	466196	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	389234	130.98	ng	0.00
7) Phenol-d6	7.27	99	541555	118.00	ng	0.00
23) Nitrobenzene-d5	9.30	82	415395	81.93	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	306240	120.69	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	947681	79.85	ng	0.00
79) Terphenyl-d14	20.09	244	1767806	84.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	48771	36.167	ng	97
3) Pyridine	3.93	79	126978	31.823	ng	99
4) n-Nitrosodimethylamine	3.85	42	70885	38.277	ng	# 82
6) Aniline	7.45	93	151368	24.709	ng	98
8) 2-Chlorophenol	7.68	128	136306	38.474	ng	96
9) Benzaldehyde	7.26	77	137205	50.116	ng	93
10) Phenol	7.29	94	187680	38.140	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	124002	34.736	ng	99
12) 1,3-Dichlorobenzene	8.01	146	143323	33.871	ng	99
13) 1,4-Dichlorobenzene	8.16	146	144193	33.665	ng	97
14) 1,2-Dichlorobenzene	8.48	146	136592	32.845	ng	97
15) Benzyl Alcohol	8.36	79	154857	36.476	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	197465	33.851	ng	98
17) 2-Methylphenol	8.56	107	132564	37.207	ng	98
18) Hexachloroethane	9.21	117	54642	33.100	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	120499	34.118	ng	97
20) 3+4-Methylphenols	8.88	107	182416	36.961	ng	99
22) Acetophenone	8.95	105	223553	35.408	ng	99
24) Nitrobenzene	9.35	77	185673	35.937	ng	98
25) Isophorone	9.86	82	336483	34.875	ng	99
26) 2-Nitrophenol	10.06	139	79715	37.426	ng	88
27) 2,4-Dimethylphenol	10.10	122	147250	41.859	ng	98
28) bis(2-Chloroethoxy)methane	10.34	93	177193	34.027	ng	96
29) 2,4-Dichlorophenol	10.58	162	165496	37.048	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	171710	33.790	ng	95
31) Naphthalene	11.00	128	426177	35.267	ng	99
32) Benzoic acid	10.22	122	94258	36.753	ng	95
33) 4-Chloroaniline	11.11	127	122370	21.825	ng	94
34) Hexachlorobutadiene	11.26	225	124991	32.146	ng	97
35) Caprolactam	11.89	113	55451	37.590	ng	97
36) 4-Chloro-3-methylphenol	12.21	107	199477	39.100	ng	97
37) 2-Methylnaphthalene	12.59	142	327556	35.195	ng	99
38) 1-Methylnaphthalene	12.81	142	312680	35.652	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	237814	34.520	ng	98

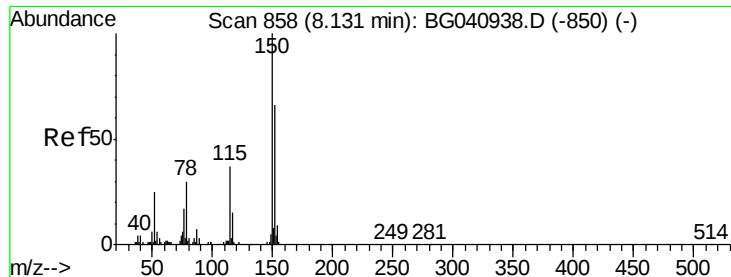
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
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Quant Time: May 30 15:09:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	270753	73.821	ng	96
43) 2,4,6-Trichlorophenol	13.19	196	164464	36.903	ng	97
44) 2,4,5-Trichlorophenol	13.26	196	183938	39.134	ng	97
46) 1,1'-Biphenyl	13.59	154	455457	35.998	ng	100
47) 2-Chloronaphthalene	13.64	162	373981	34.431	ng	98
48) 2-Nitroaniline	13.85	65	143341	36.786	ng	95
49) Acenaphthylene	14.48	152	597183	36.530	ng	100
50) Dimethylphthalate	14.20	163	510092	35.254	ng	100
51) 2,6-Dinitrotoluene	14.33	165	115166	36.917	ng	97
52) Acenaphthene	14.82	154	343604	34.696	ng	95
53) 3-Nitroaniline	14.66	138	80764	25.890	ng	96
54) 2,4-Dinitrophenol	14.87	184	130627	80.250	ng	94
55) Dibenzofuran	15.15	168	612143	36.735	ng	96
56) 4-Nitrophenol	14.96	139	180203	84.219	ng	89
57) 2,4-Dinitrotoluene	15.11	165	166126	37.699	ng	96
58) Fluorene	15.80	166	478560	36.061	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	184227	39.884	ng	99
60) Diethylphthalate	15.56	149	537688	36.414	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	303660	35.204	ng	96
62) 4-Nitroaniline	15.83	138	115156	34.869	ng	97
63) Azobenzene	16.08	77	494981	36.882	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	94979	40.272	ng	99
66) n-Nitrosodiphenylamine	16.00	169	450812	34.914	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	203003	32.749	ng	95
68) Hexachlorobenzene	16.79	284	211085	31.979	ng	97
69) Atrazine	16.94	200	189562	38.047	ng	97
70) Pentachlorophenol	17.14	266	254721	72.460	ng	95
71) Phenanthrene	17.54	178	841172	35.158	ng	98
72) Anthracene	17.64	178	861780	36.521	ng	99
73) Carbazole	17.91	167	733643	36.234	ng	98
74) Di-n-butylphthalate	18.43	149	868371	34.507	ng	99
75) Fluoranthene	19.54	202	1069702	36.197	ng	99
77) Benzidine	19.73	184	742609	70.024	ng	98
78) Pyrene	19.90	202	1061113	36.718	ng	100
80) Butylbenzylphthalate	20.77	149	398222	35.409	ng	96
81) Benzo(a)anthracene	21.75	228	1030549	34.825	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	247825	23.810	ng	98
83) Chrysene	21.82	228	1004390	35.467	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	545452	34.453	ng	98
85) Di-n-octyl phthalate	22.87	149	931885	35.343	ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1194037	34.420	ng	93
88) Benzo(b)fluoranthene	24.05	252	1038936	36.742	ng	99
89) Benzo(k)fluoranthene	24.12	252	1012333	36.179	ng	98
90) Benzo(a)pyrene	24.96	252	1015271	37.634	ng	96
91) Dibenzo(a,h)anthracene	29.02	278	993074	36.840	ng	99
92) Benzo(g,h,i)perylene	30.16	276	969410	37.016	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

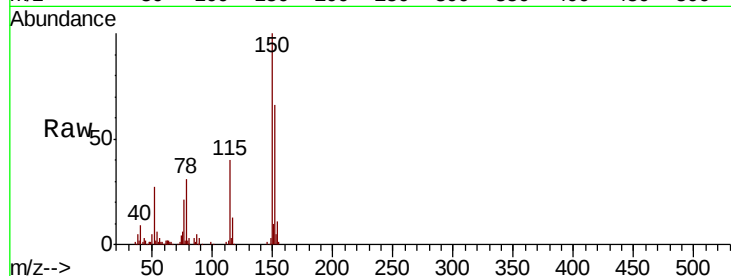
Tot Ion:152 Resp: 53586

Ion Ratio Lower Upper

152 100

150 150.7 120.6 180.8

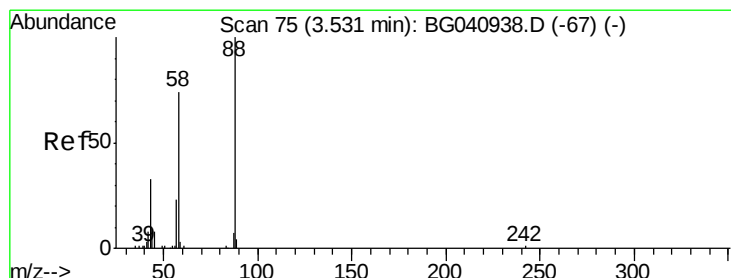
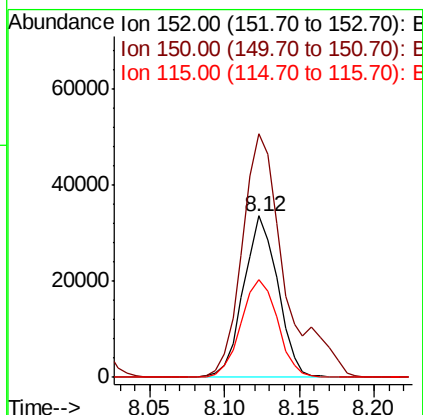
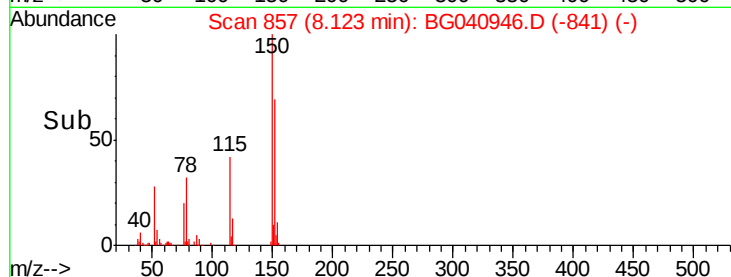
115 60.2 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.167 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

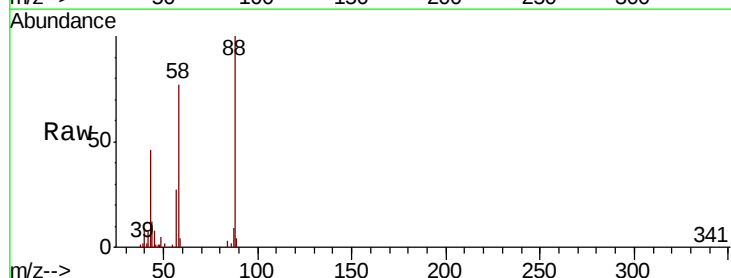
Tgt Ion: 88 Resp: 48771

Ion Ratio Lower Upper

88 100

58 74.6 59.0 88.6

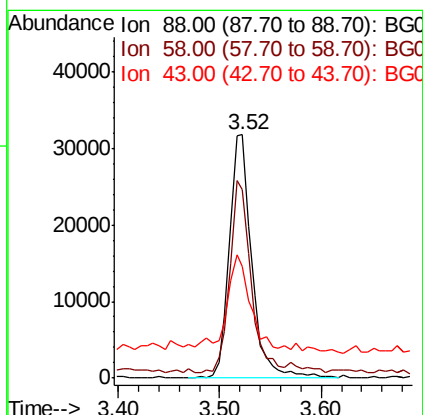
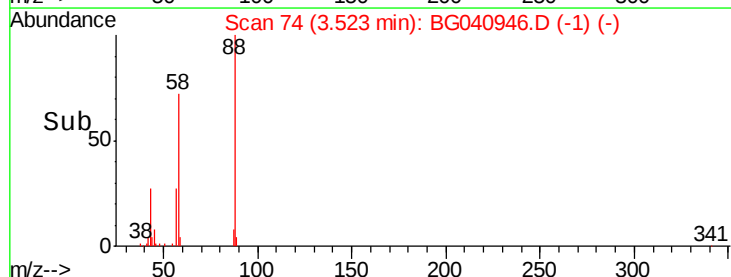
43 38.0 27.2 40.8

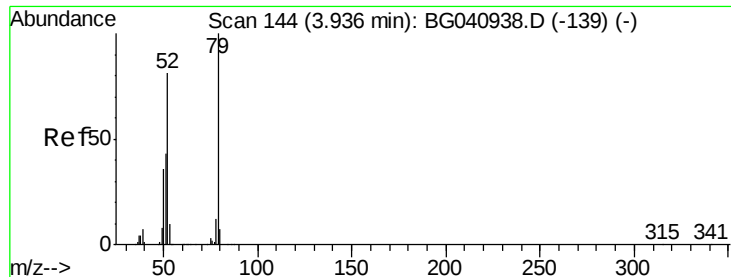


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.823 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

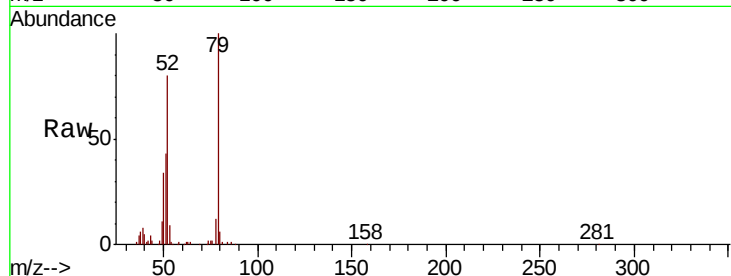
Tot Ion: 79 Resp: 126978

Ion Ratio Lower Upper

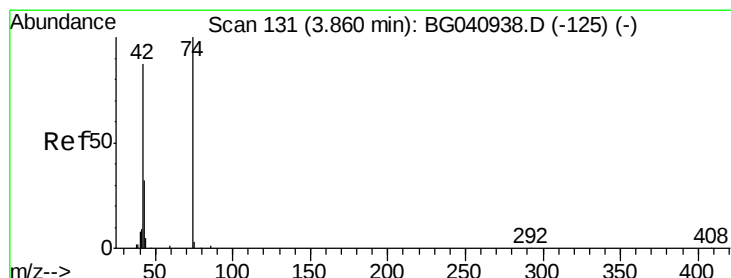
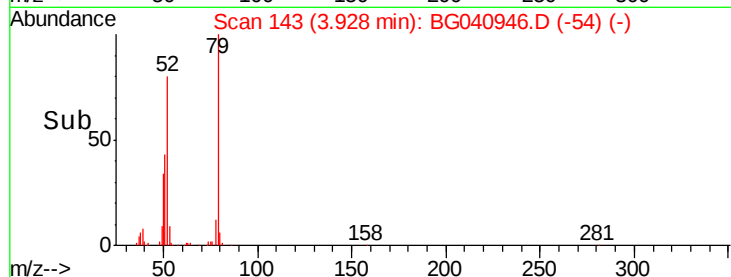
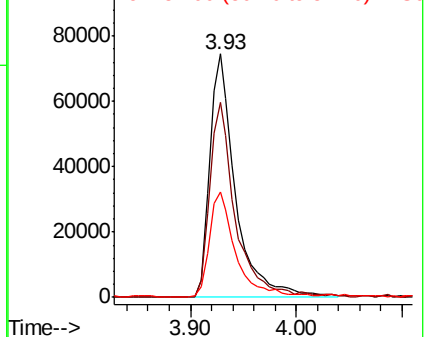
79 100

52 80.3 64.8 97.2

51 43.0 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 38.277 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

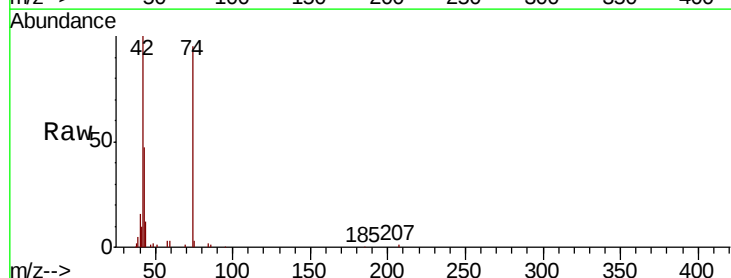
Tgt Ion: 42 Resp: 70885

Ion Ratio Lower Upper

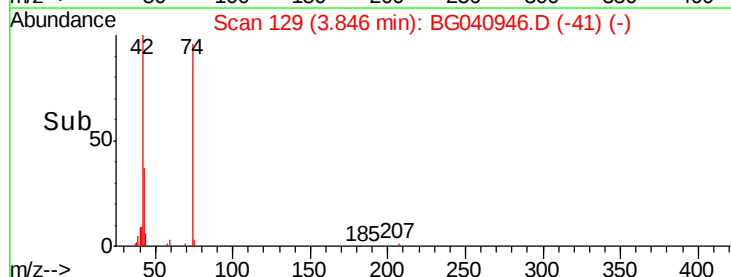
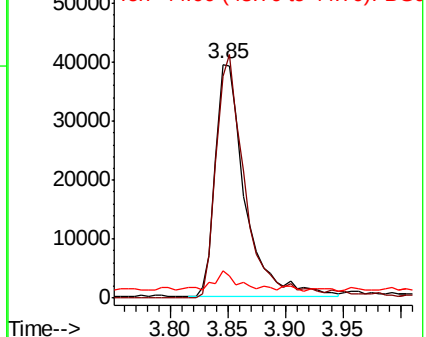
42 100

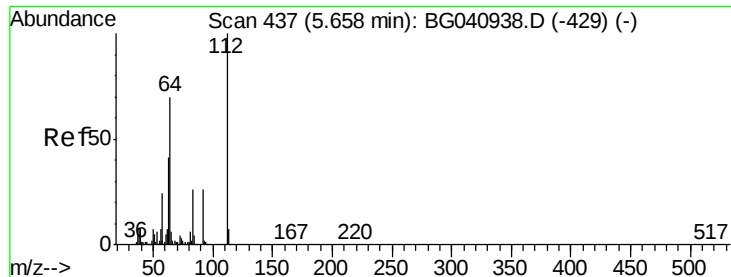
74 95.1 91.8 137.6

44 11.6 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 130.980 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

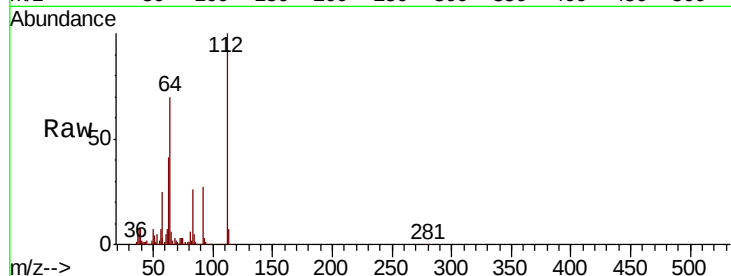
Tot Ion:112 Resp: 389234

Ion Ratio Lower Upper

112 100

64 69.5 56.2 84.2

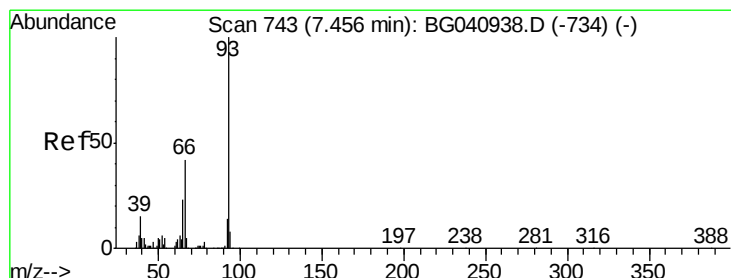
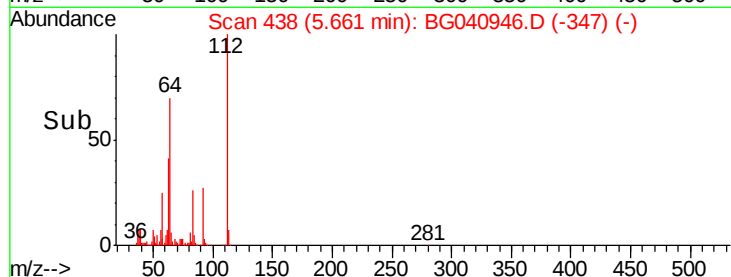
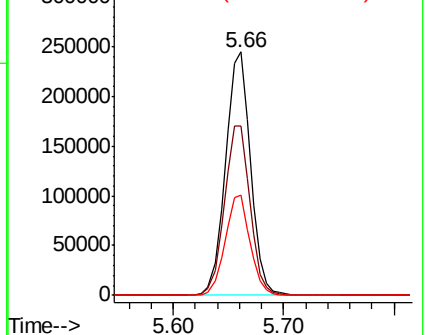
63 41.3 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.709 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

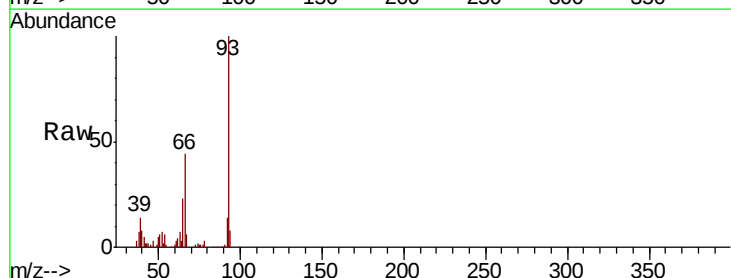
Tgt Ion: 93 Resp: 151368

Ion Ratio Lower Upper

93 100

66 44.0 33.8 50.8

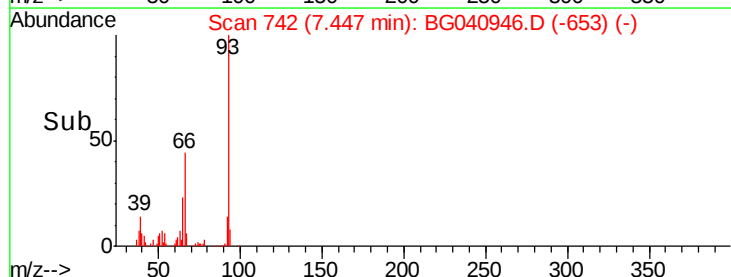
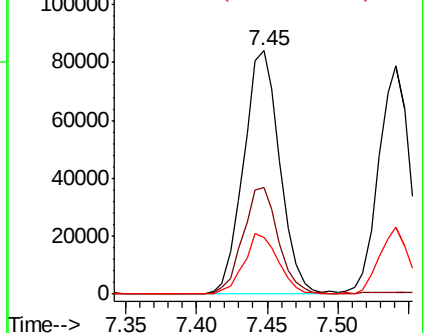
65 23.1 18.3 27.5

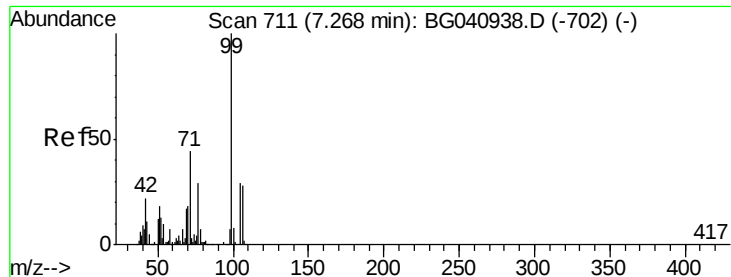


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.999 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

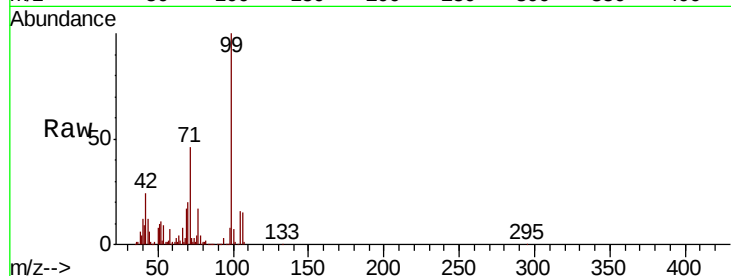
Tot Ion: 99 Resp: 541555

Ion Ratio Lower Upper

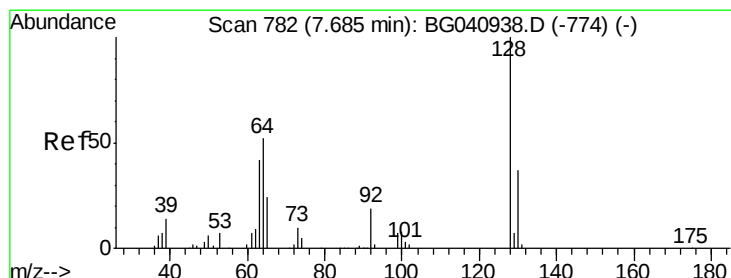
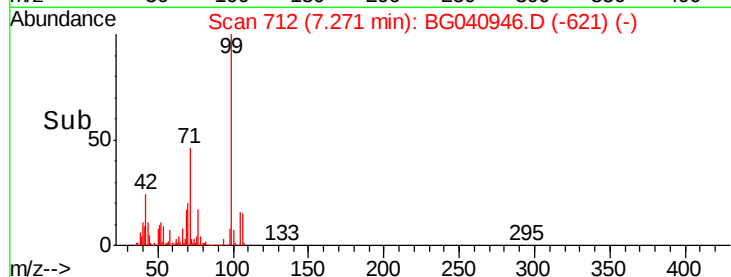
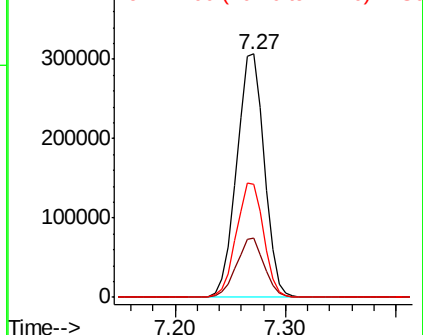
99 100

42 24.4 17.9 26.9

71 46.2 35.4 53.0



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



#8

2-Chlorophenol

Concen: 38.474 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

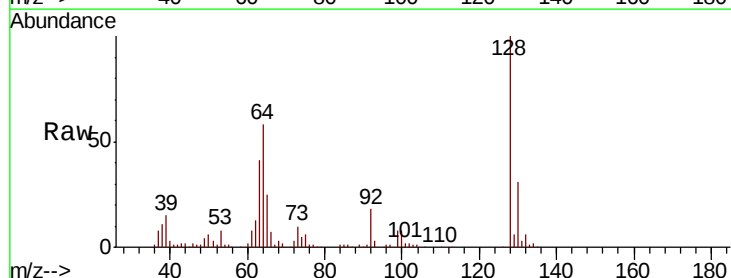
Tgt Ion: 128 Resp: 136306

Ion Ratio Lower Upper

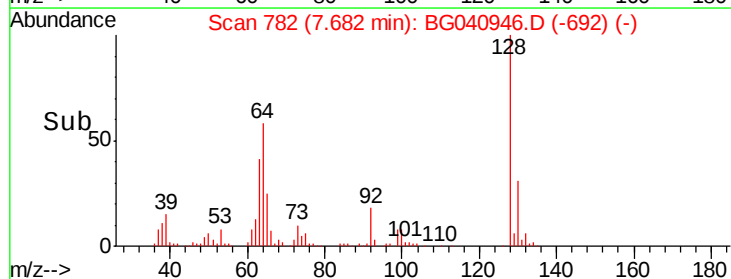
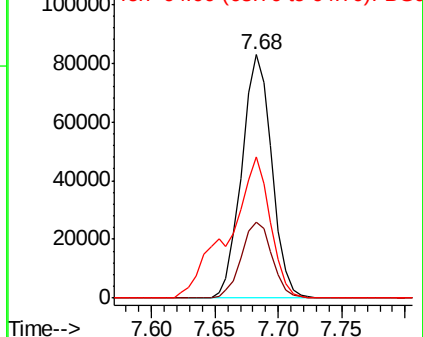
128 100

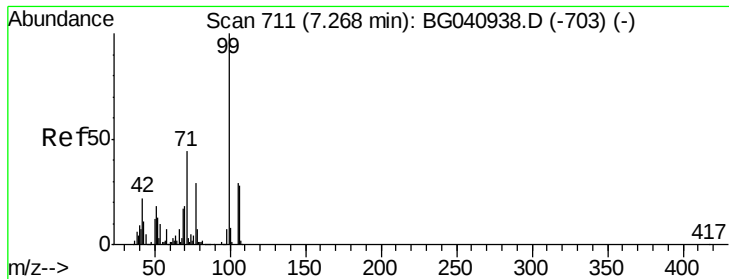
130 31.3 16.6 56.6

64 57.9 37.8 77.8



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





#9

Benzaldehyde

Concen: 50.116 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

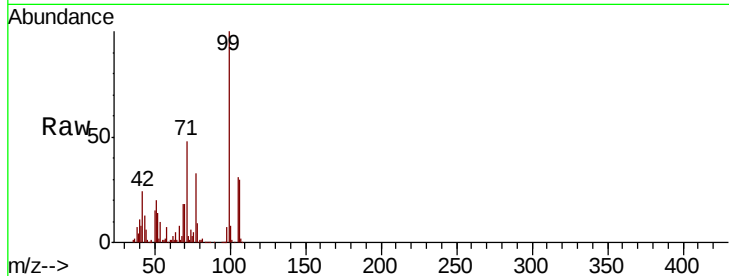
Tot Ion: 77 Resp: 137205

Ion Ratio Lower Upper

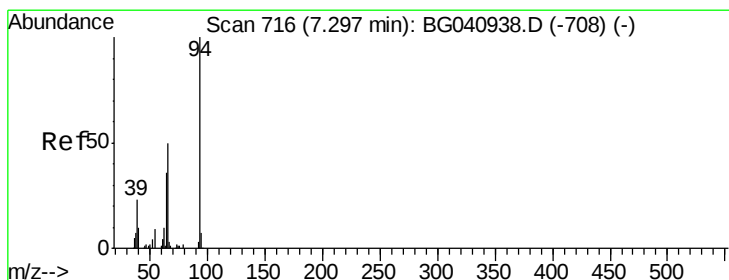
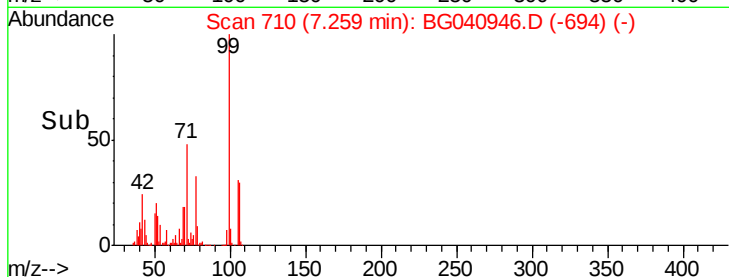
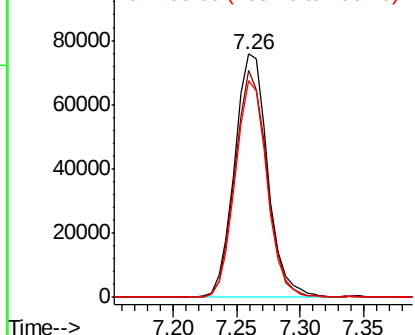
77 100

105 93.3 78.9 118.9

106 89.1 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.140 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

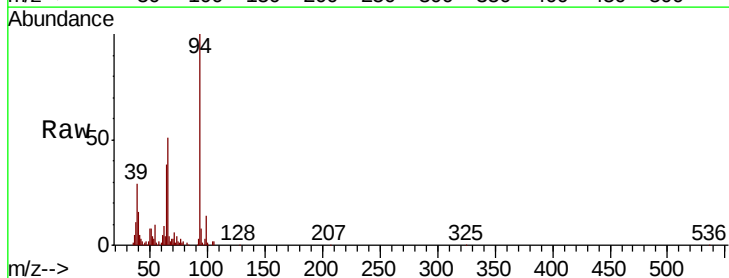
Tgt Ion: 94 Resp: 187680

Ion Ratio Lower Upper

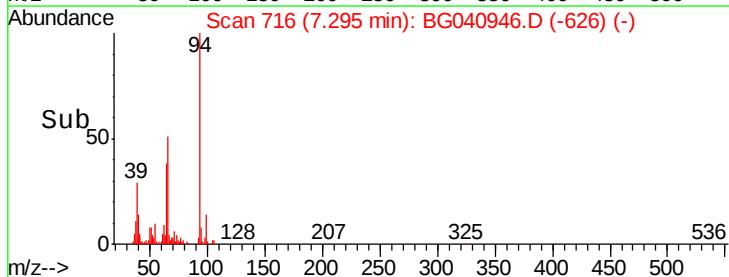
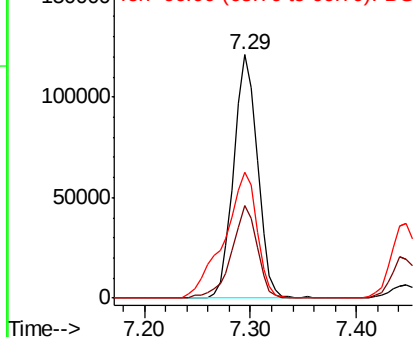
94 100

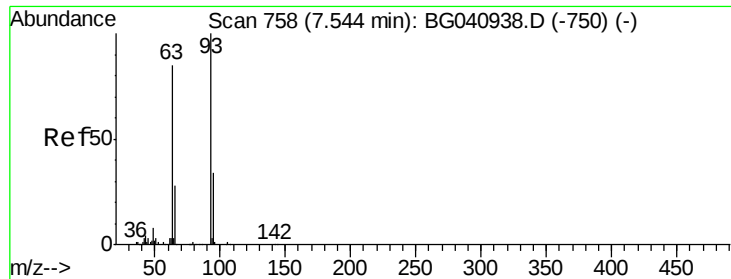
65 37.8 17.0 57.0

66 51.5 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.736 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

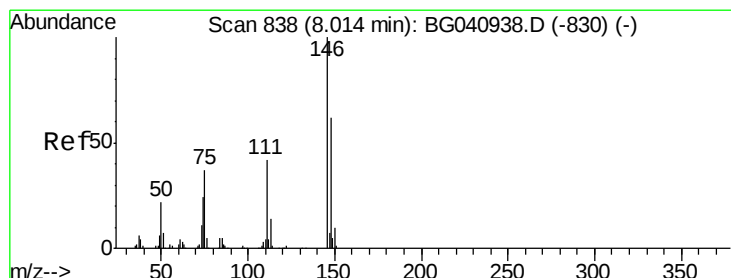
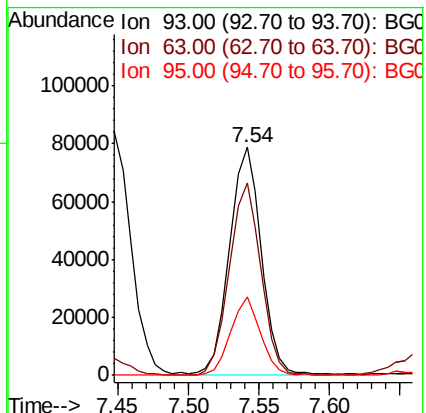
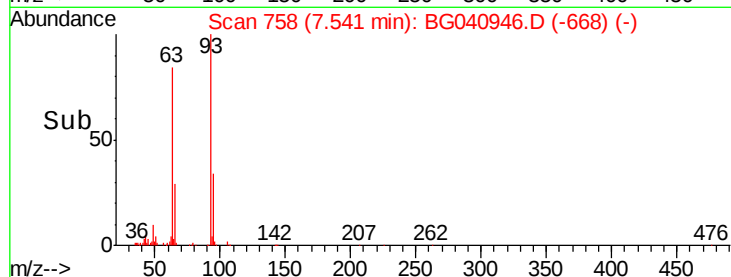
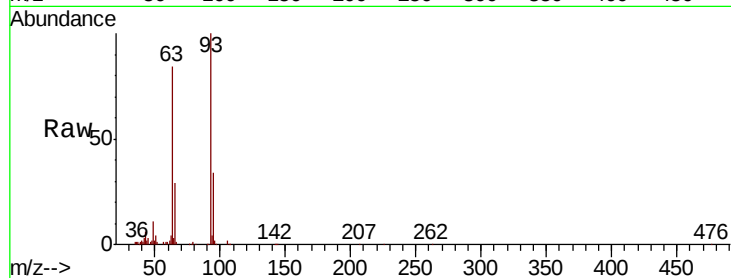
Tot Ion: 93 Resp: 124002

Ion Ratio Lower Upper

93 100

63 84.5 64.5 104.5

95 34.3 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 33.871 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

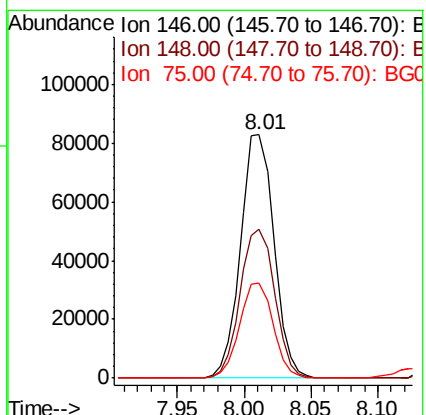
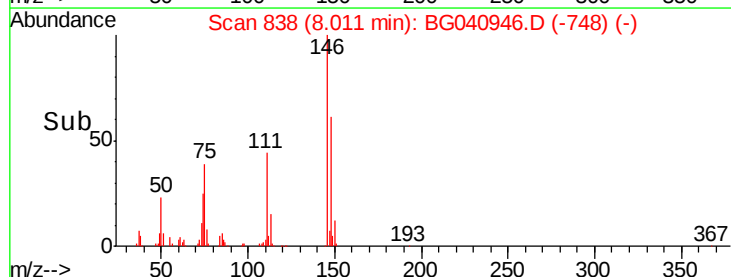
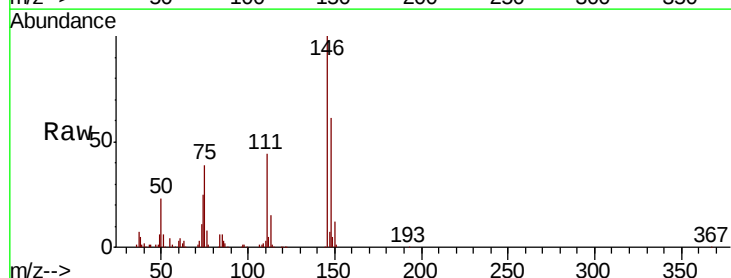
Tgt Ion: 146 Resp: 143323

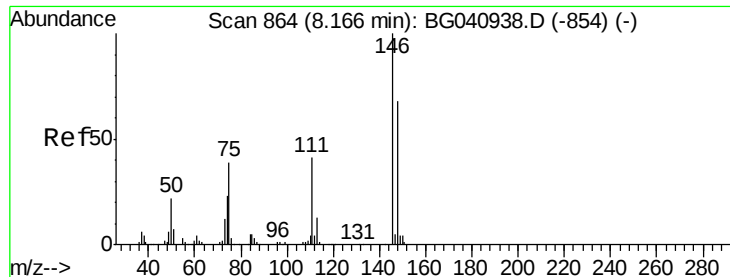
Ion Ratio Lower Upper

146 100

148 61.4 49.2 73.8

75 38.9 29.4 44.0

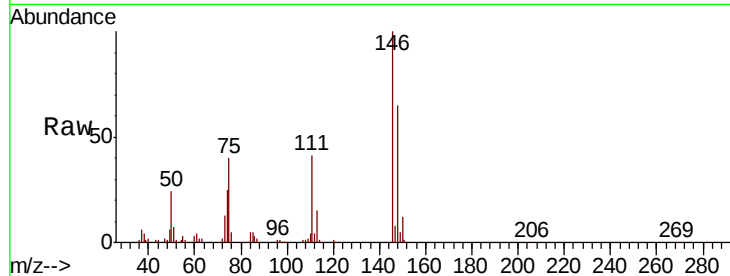




#13
 1,4-Dichlorobenzene
 Concen: 33.665 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.2	81.4
111	41.1	32.9	49.3

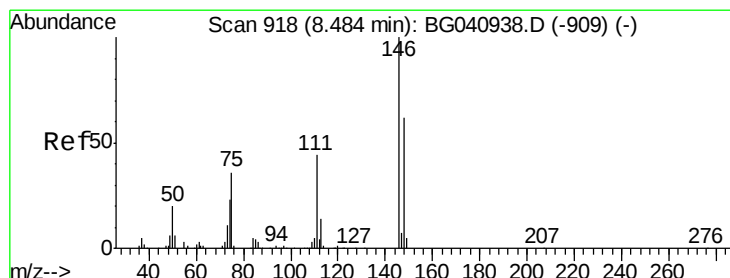
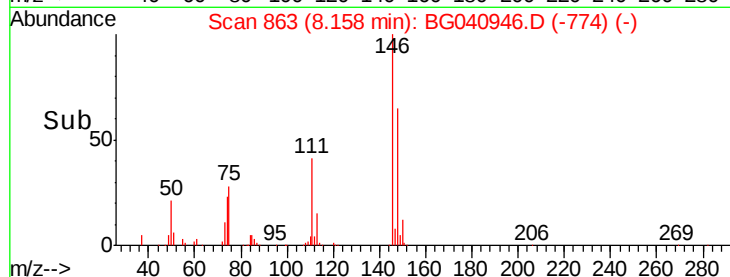
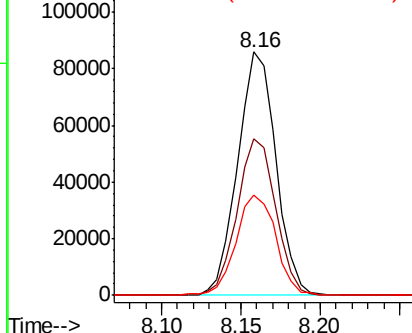


Abundance

Ion 146.00 (145.70 to 146.70): E

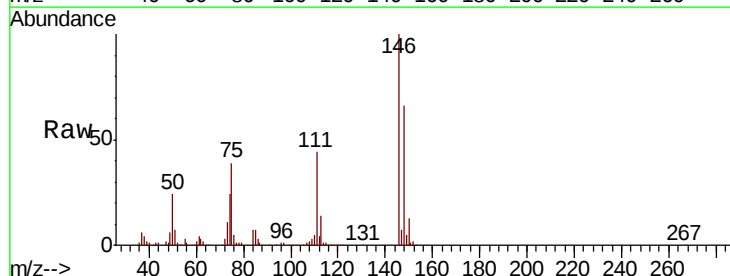
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 32.845 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.8	74.6
111	44.1	35.0	52.4

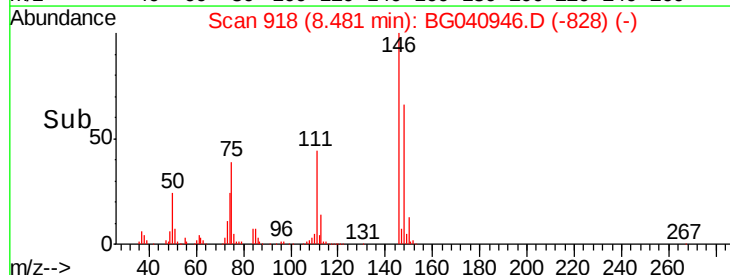
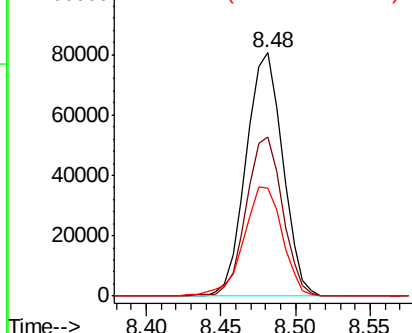


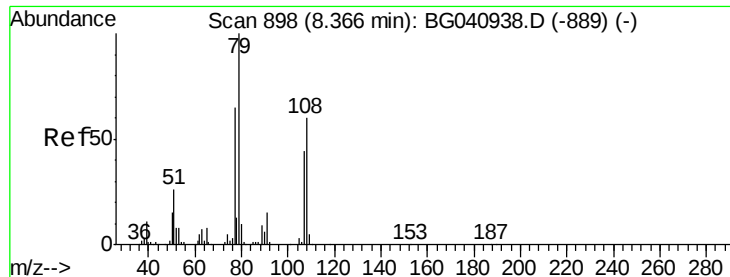
Abundance

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: 36.476 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

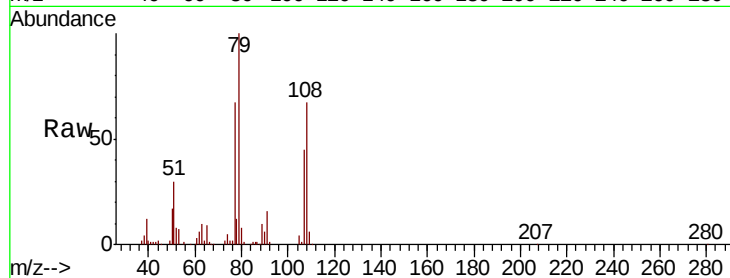
Tot Ion: 79 Resp: 154857

Ion Ratio Lower Upper

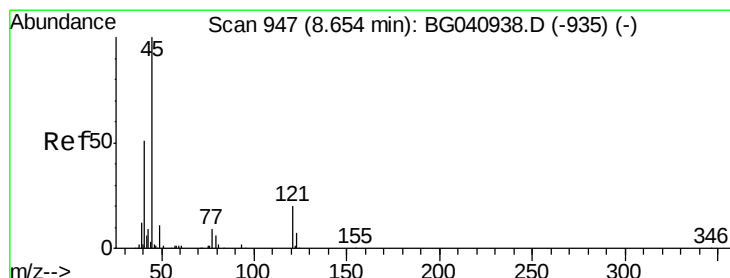
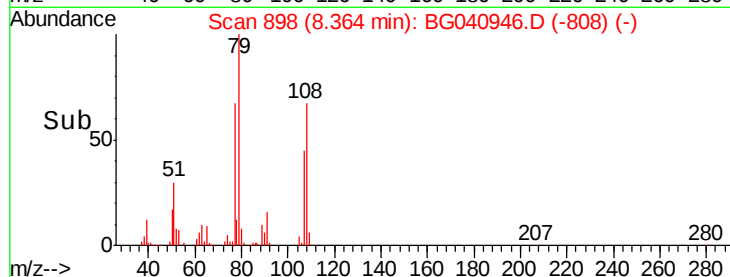
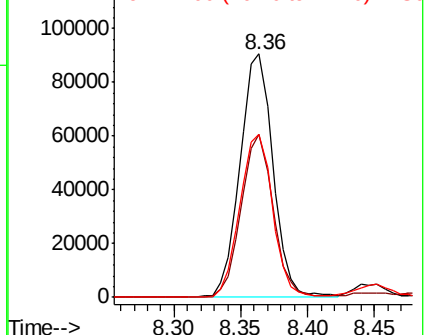
79 100

108 67.1 48.3 72.5

77 67.0 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.851 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

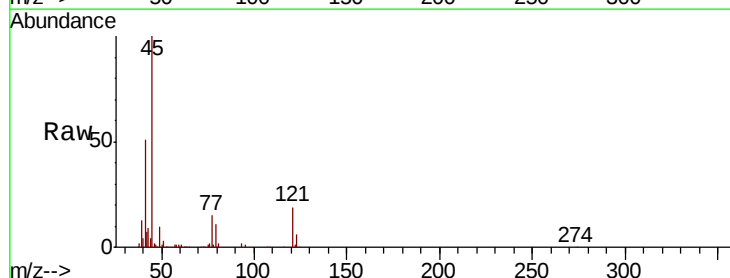
Tgt Ion: 45 Resp: 197465

Ion Ratio Lower Upper

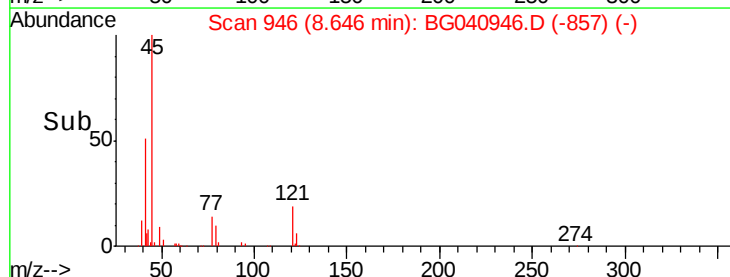
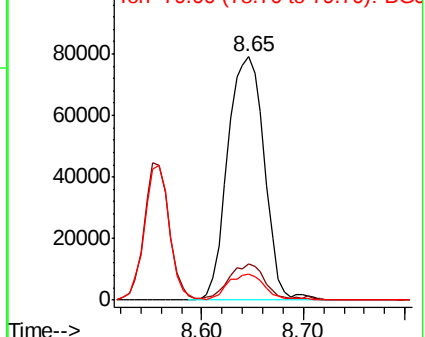
45 100

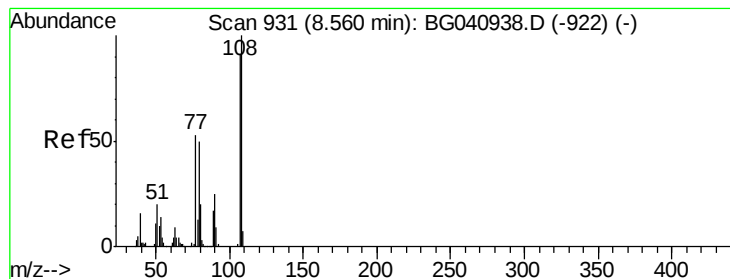
77 14.8 0.0 33.7

79 10.8 0.0 30.2



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

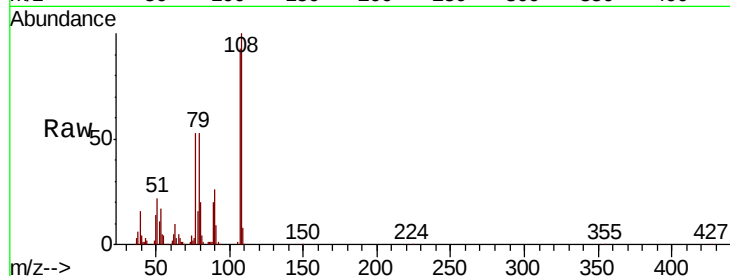




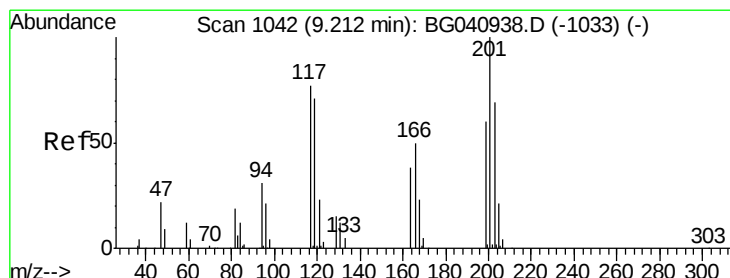
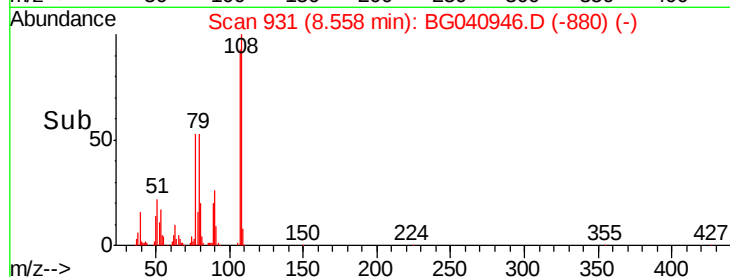
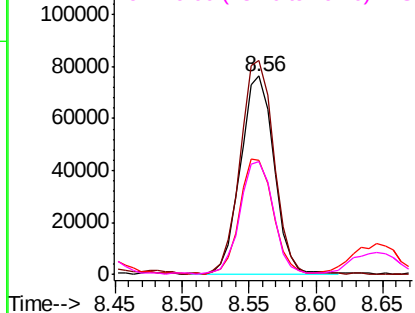
#17
2-Methylphenol
Concen: 37.207 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 132564
Ion Ratio Lower Upper
107 100
108 107.9 87.7 131.5
77 57.5 46.6 70.0
79 57.2 44.6 66.8

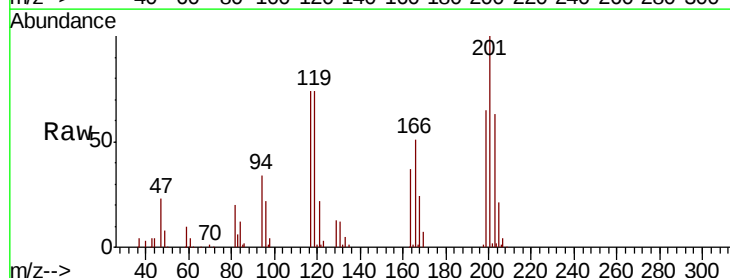


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

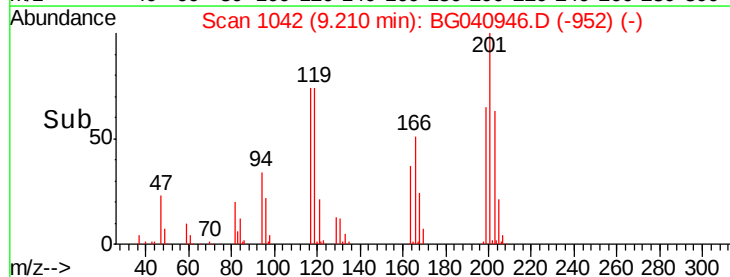
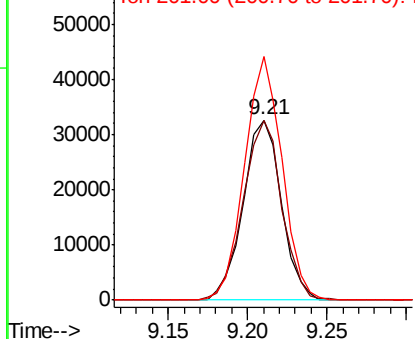


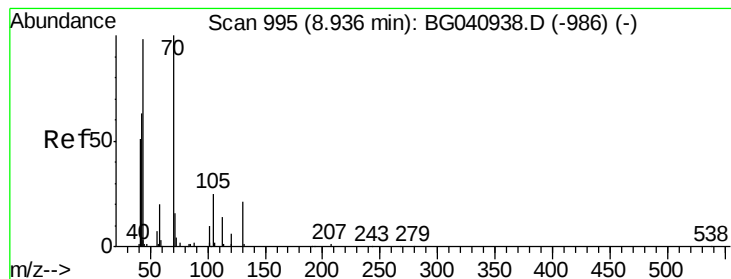
#18
Hexachloroethane
Concen: 33.100 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion:117 Resp: 54642
Ion Ratio Lower Upper
117 100
119 99.5 75.0 112.6
201 138.1 103.5 155.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.118 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 120499

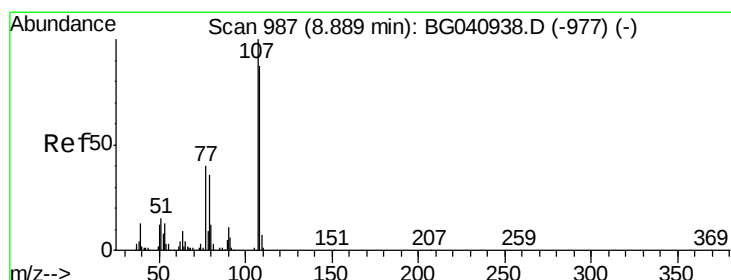
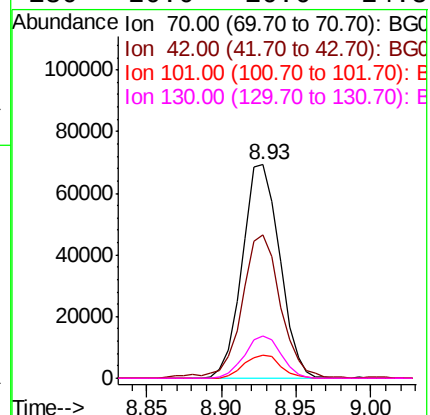
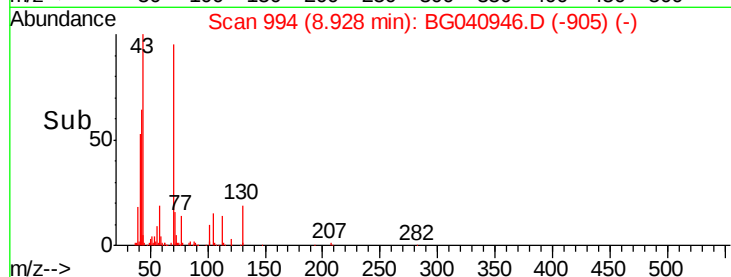
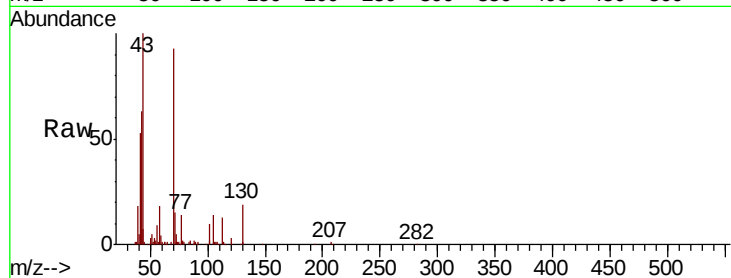
Ion Ratio Lower Upper

70 100

42 67.1 51.5 77.3

101 10.9 8.1 12.1

130 20.0 16.6 24.8



#20

3+4-Methylphenols

Concen: 36.961 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Tgt Ion: 107 Resp: 182416

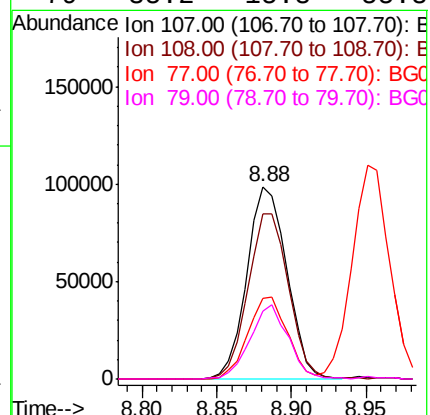
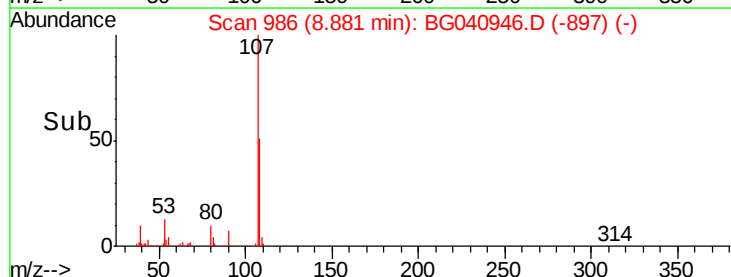
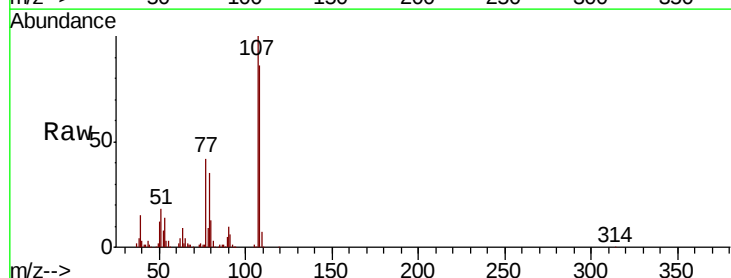
Ion Ratio Lower Upper

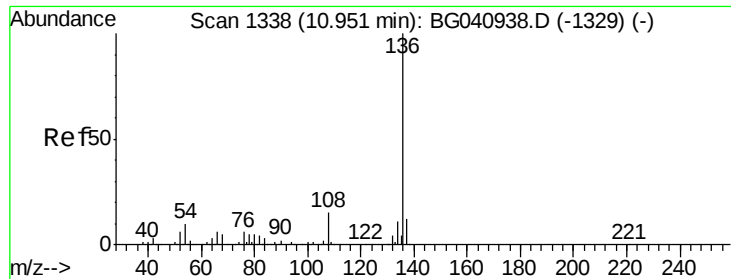
107 100

108 85.9 66.8 106.8

77 41.9 20.5 60.5

79 35.2 15.8 55.8

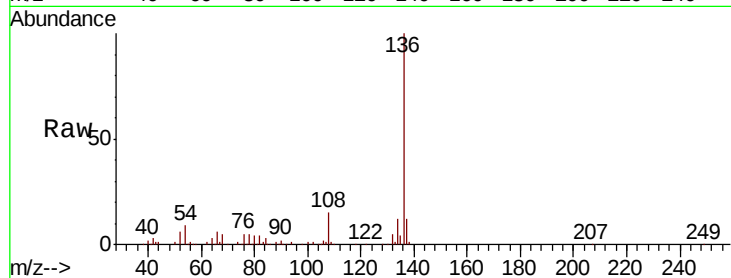




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	225069
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.5	14.3
54 9.0	7.6	11.4
68 5.3	3.9	5.9



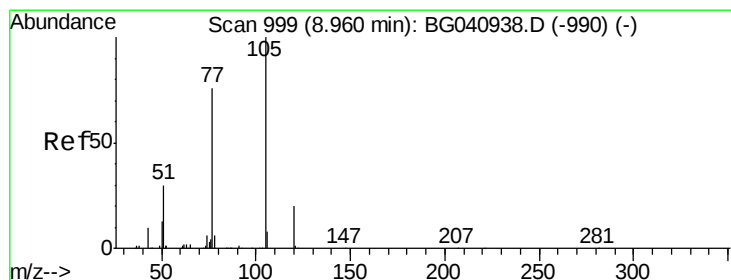
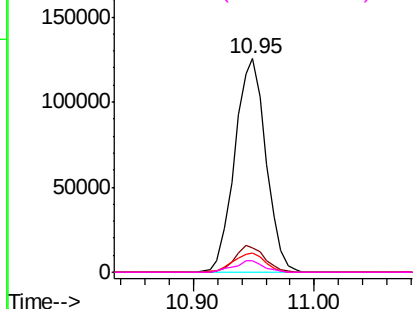
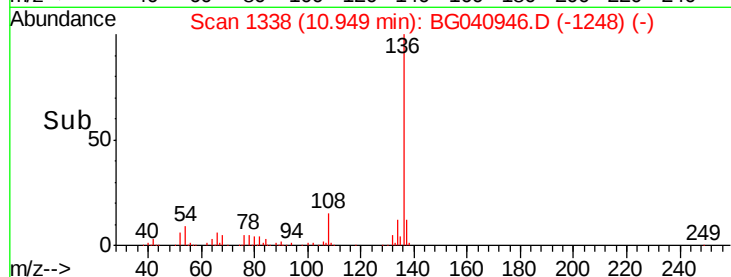
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

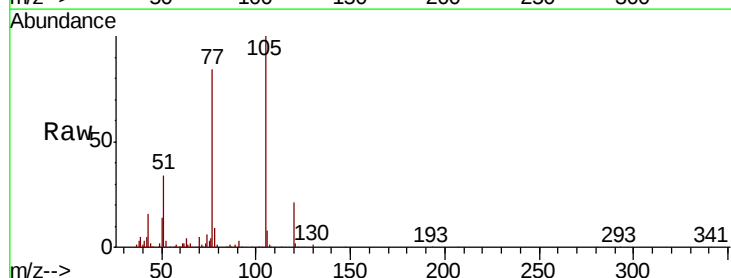
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 35.408 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt	Ion:105	Resp:	223553
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	33.7	27.0	40.6
120	21.1	16.2	24.4



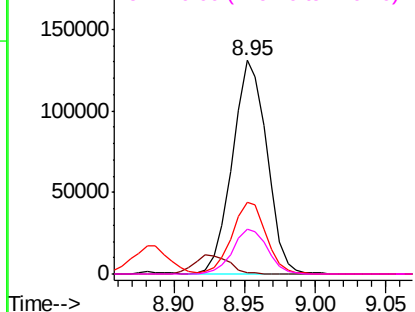
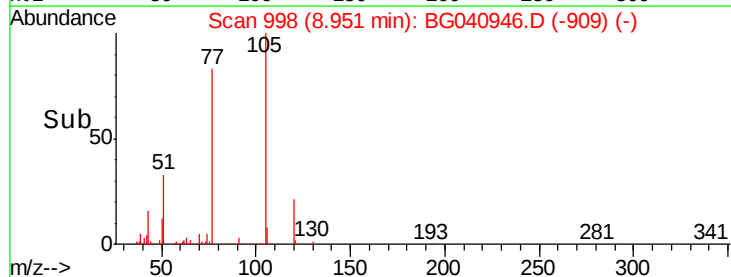
Abundance

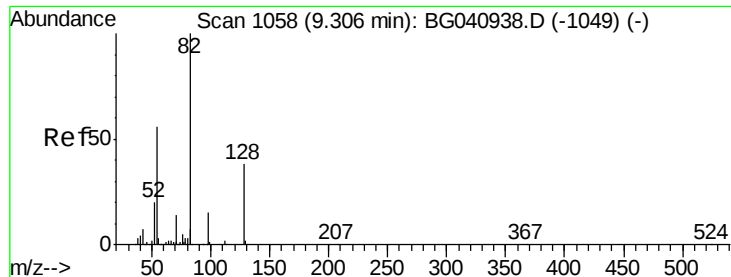
Ion 105.00 (104.70 to 105.70): E

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

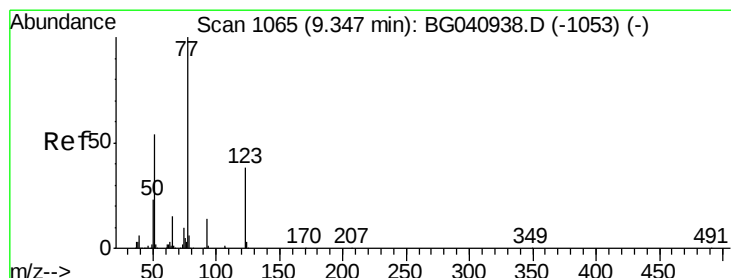
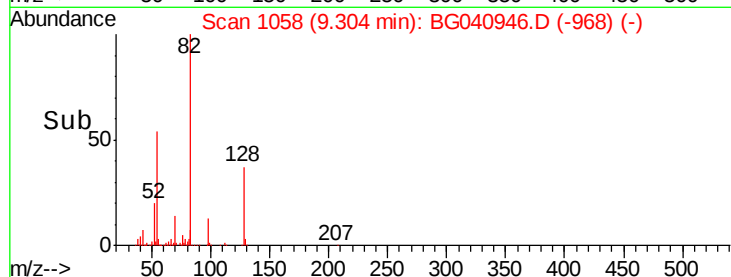
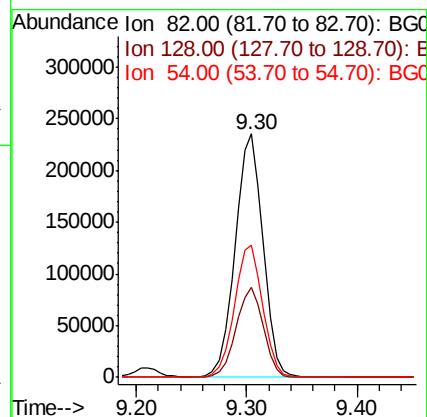
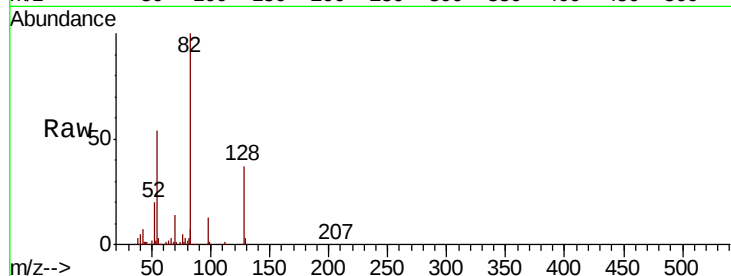




#23
 Nitrobenzene-d5
 Concen: 81.934 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

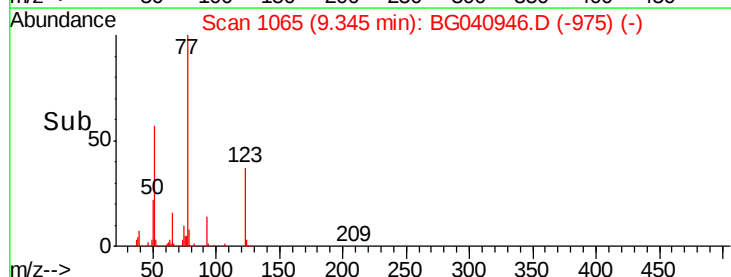
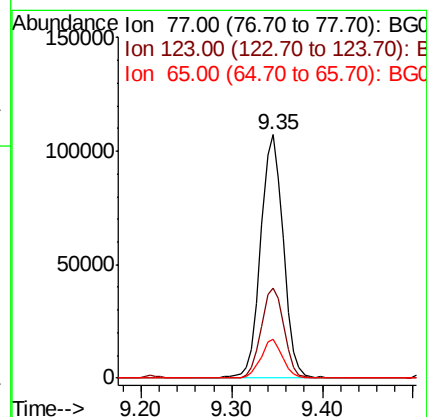
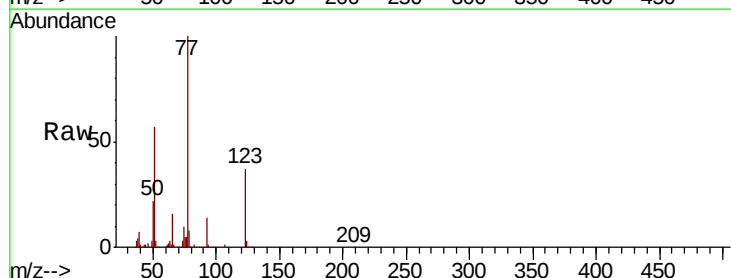
Instrument :
 BNA_G
 ClientSampleId :

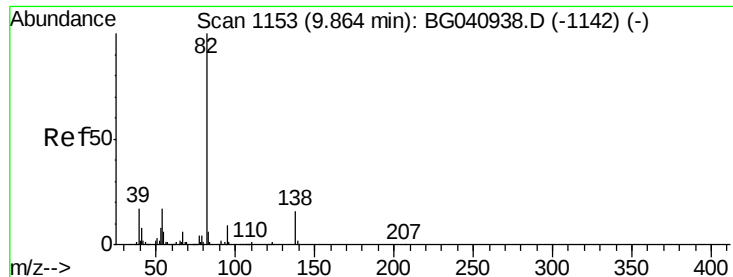
Tot Ion	82	Resp	415395
Ion Ratio	Lower	Upper	
82	100		
128	37.1	30.5	45.7
54	54.1	44.6	66.8



#24
 Nitrobenzene
 Concen: 35.937 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	77	Resp	185673
Ion Ratio	Lower	Upper	
77	100		
123	36.9	30.6	46.0
65	16.0	12.3	18.5





#25

Isophorone

Concen: 34.875 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

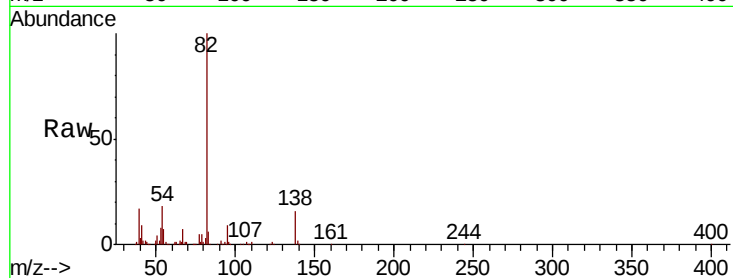
Tot Ion: 82 Resp: 336483

Ion Ratio Lower Upper

82 100

95 9.4 7.0 10.4

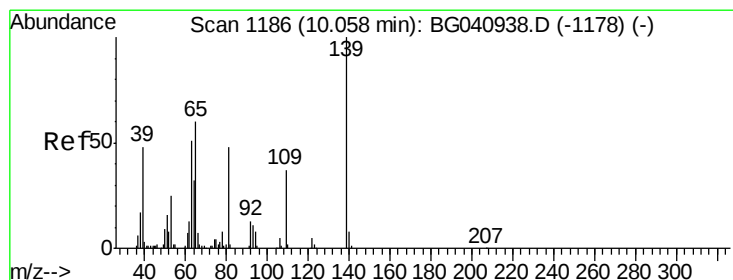
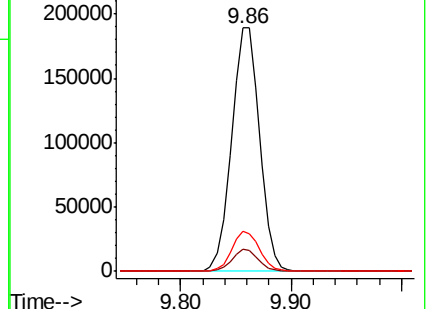
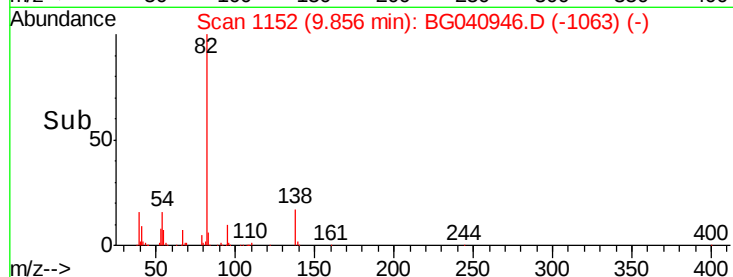
138 16.3 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 37.426 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

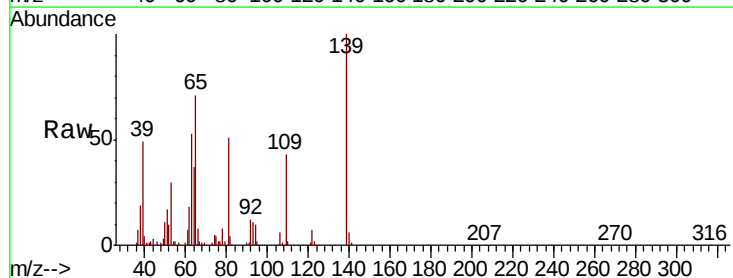
Tgt Ion: 139 Resp: 79715

Ion Ratio Lower Upper

139 100

109 42.6 29.8 44.6

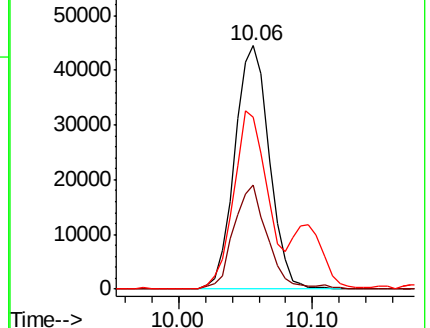
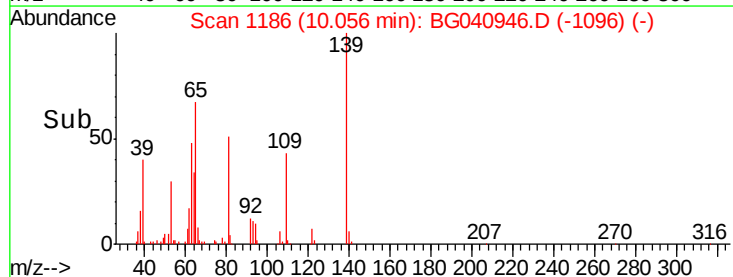
65 70.6 47.8 71.6

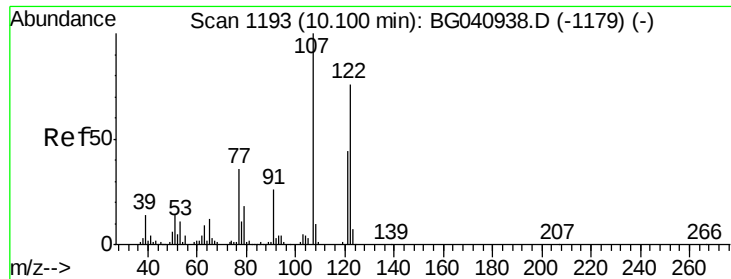


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

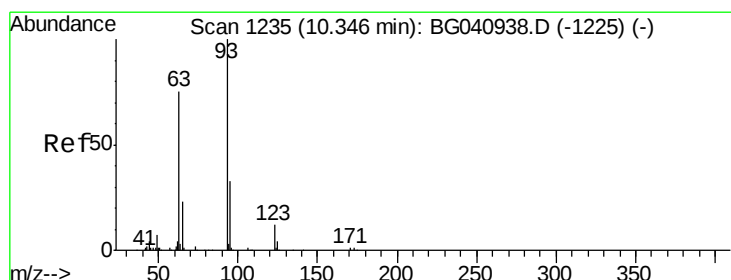
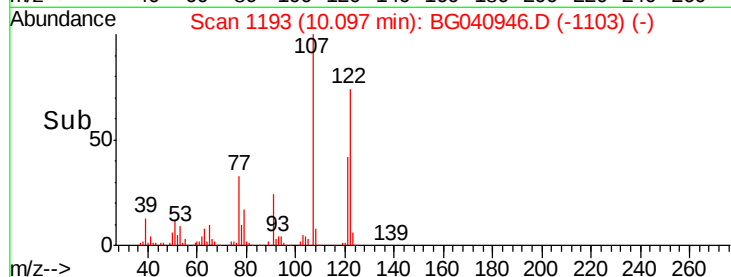
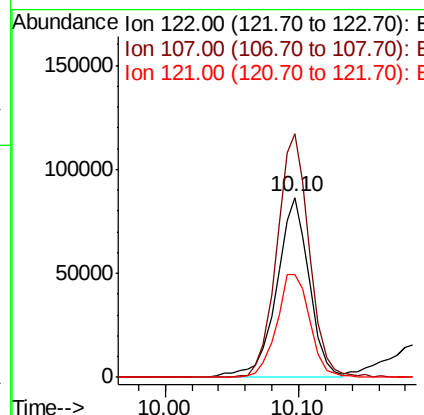
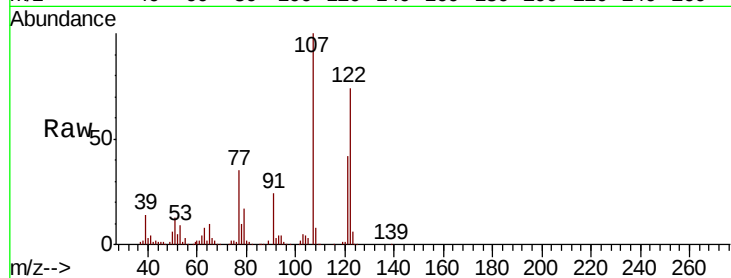




#27
 2,4-Dimethylphenol
 Concen: 41.859 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

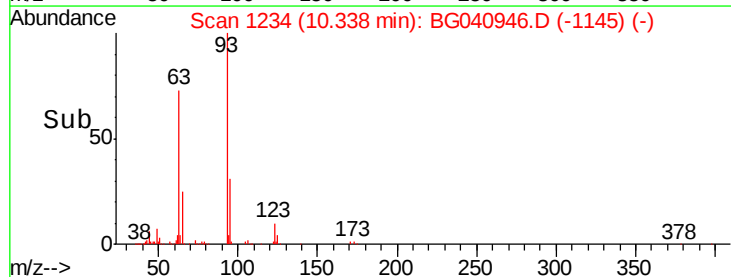
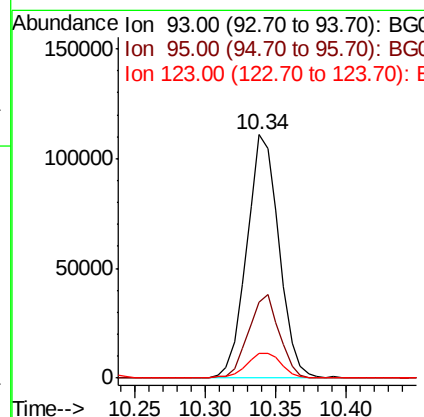
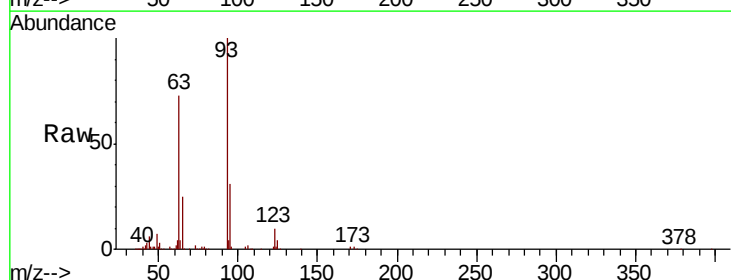
Instrument :
 BNA_G
 ClientSampleId :

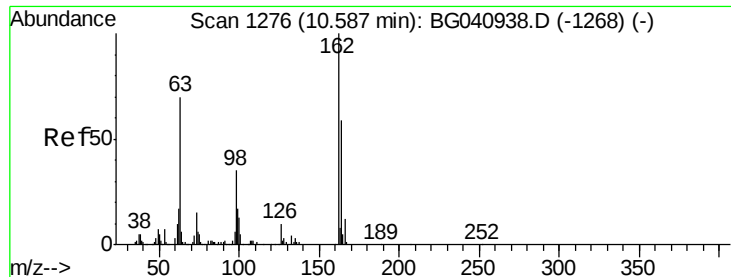
Tot Ion	122	Resp	147250
Ion Ratio	Lower	Upper	
122	100		
107	135.1	105.9	158.9
121	56.8	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.027 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	93	Resp	177193
Ion Ratio	Lower	Upper	
93	100		
95	31.0	26.2	39.2
123	10.0	9.5	14.3

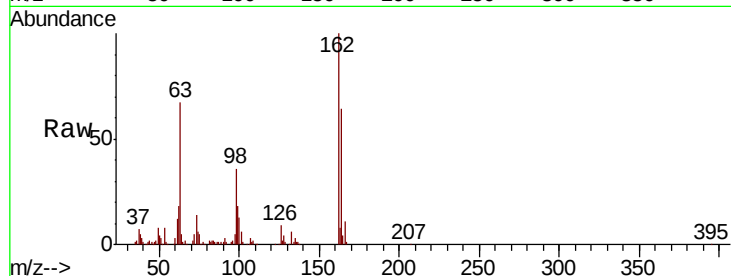




#29
 2,4-Dichlorophenol
 Concen: 37.048 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	39.4	79.4
98	35.5	15.3	55.3

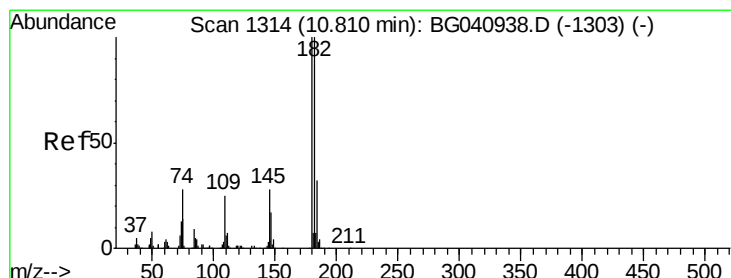
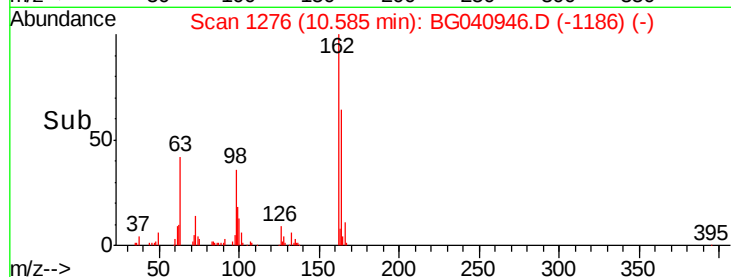
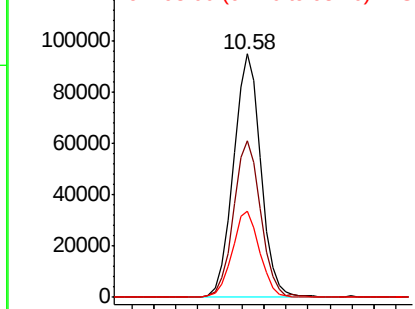


Abundance

Ion 162.00 (161.70 to 162.70): E

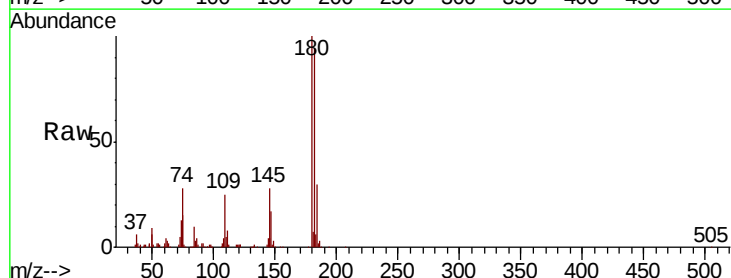
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 33.790 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	79.7	119.5
145	27.5	22.6	34.0

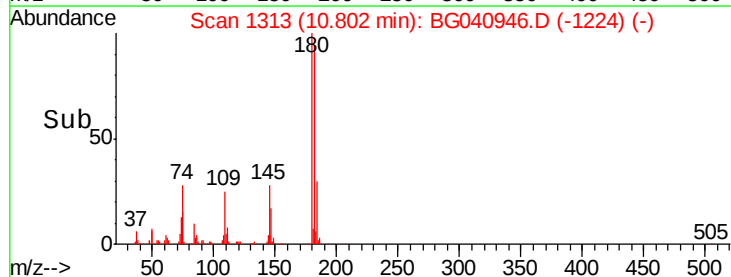
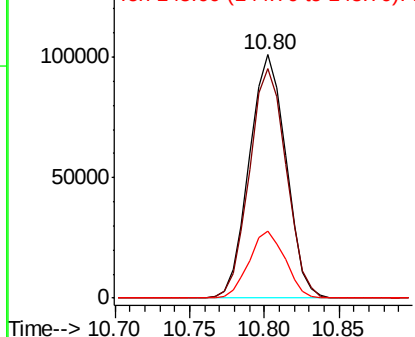


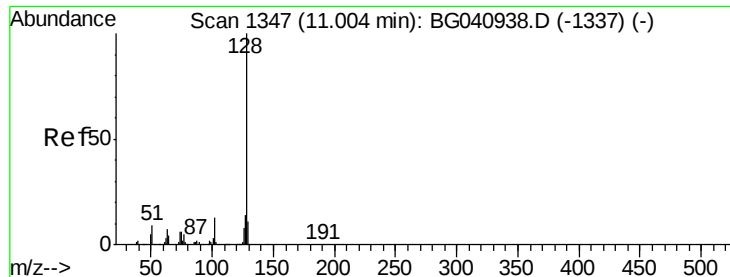
Abundance

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

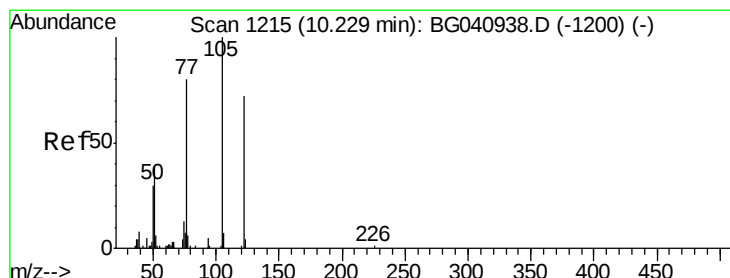
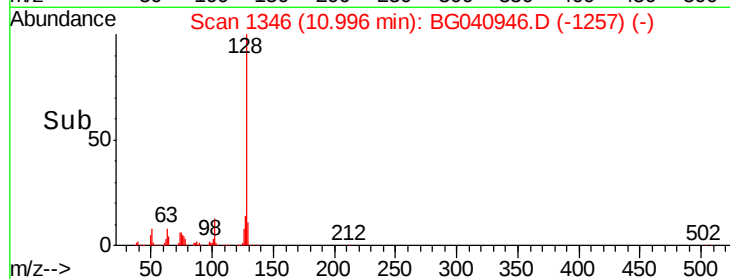
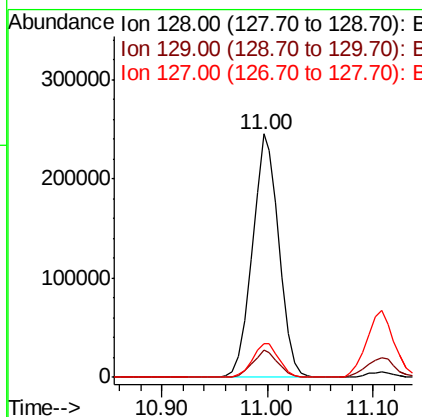
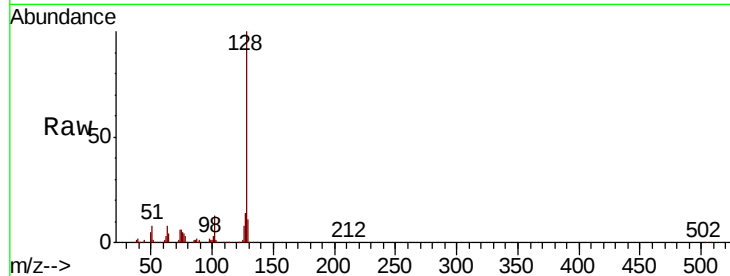




#31
Naphthalene
Concen: 35.267 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

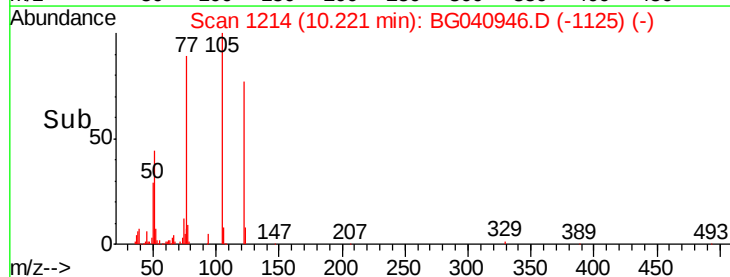
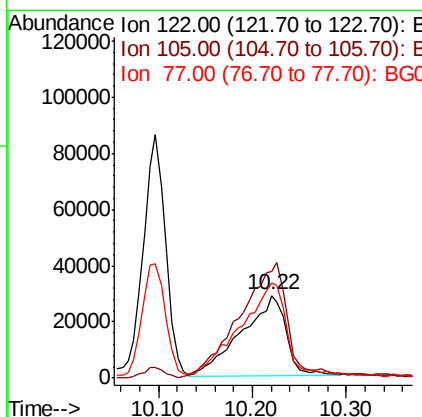
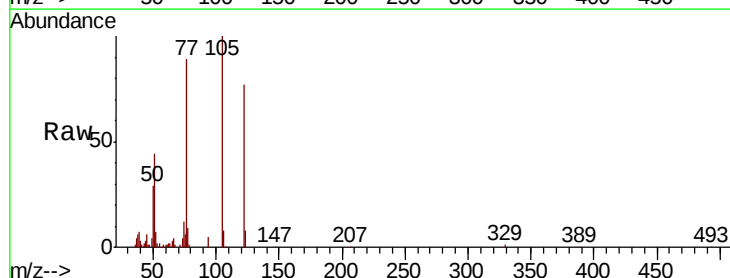
Instrument :
BNA_G
ClientSampleId :

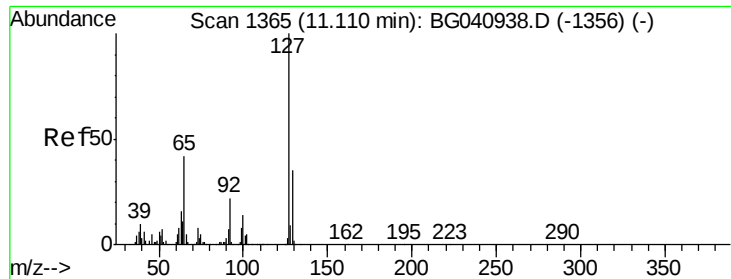
Tot Ion:128 Resp: 426177
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.0 11.4 17.2



#32
Benzoic acid
Concen: 36.753 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion:122 Resp: 94258
Ion Ratio Lower Upper
122 100
105 129.3 114.8 154.8
77 114.9 89.9 129.9

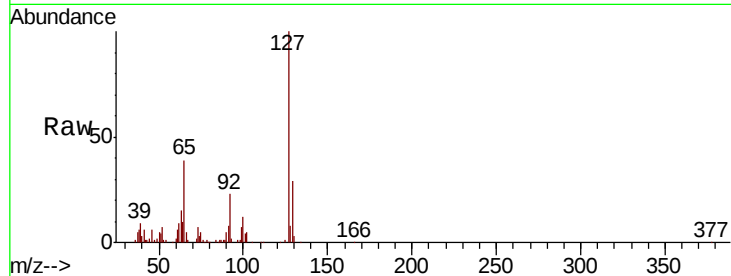




#33
4-Chloroaniline
Concen: 21.825 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.1	27.7	41.5
65	38.8	33.2	49.8
92	22.8	17.2	25.8



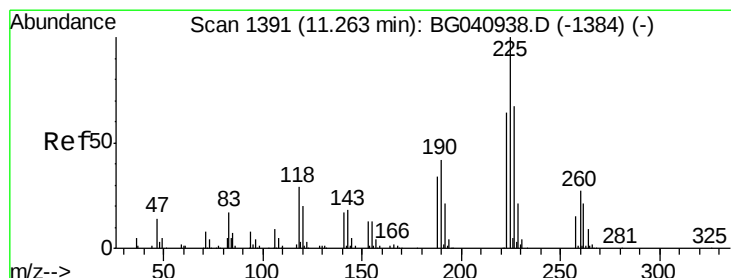
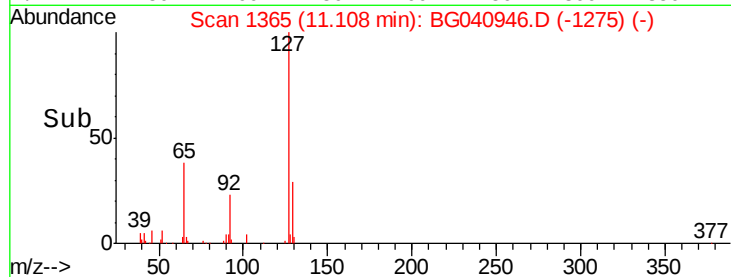
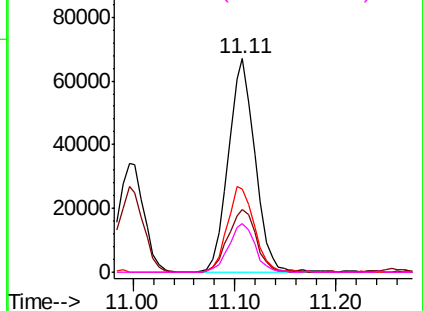
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

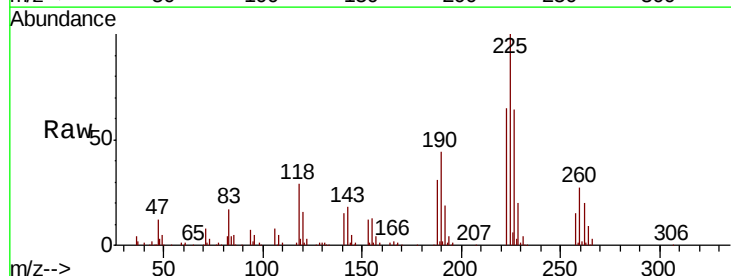
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 32.146 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.8	73.2
227	64.5	51.4	77.0

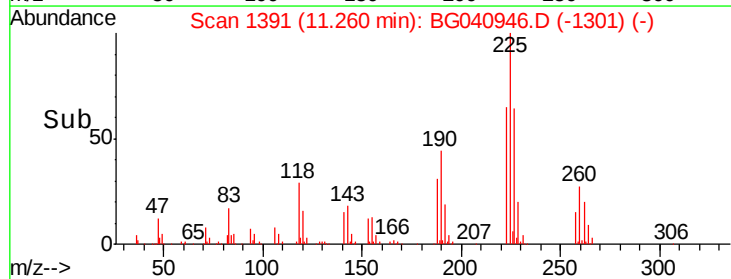
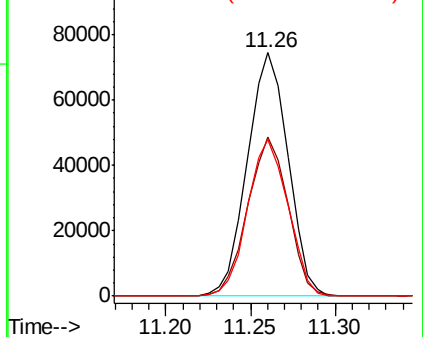


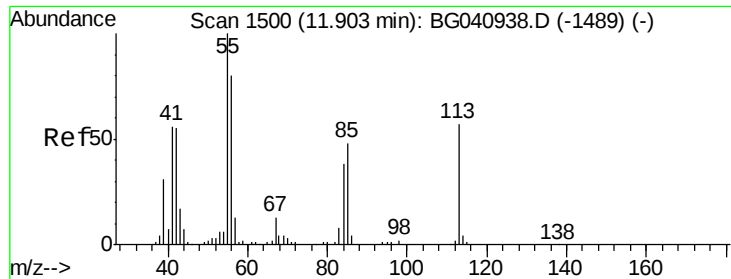
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.590 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

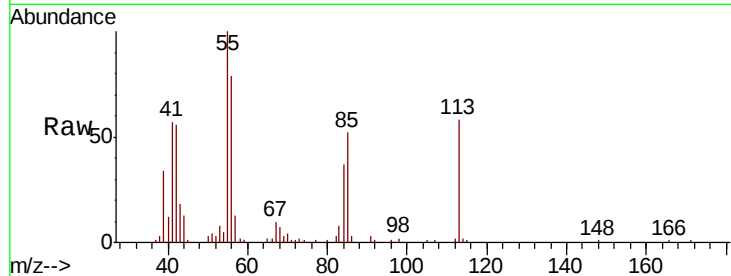
Tot Ion:113 Resp: 55451

Ion Ratio Lower Upper

113 100

55 171.3 155.9 195.9

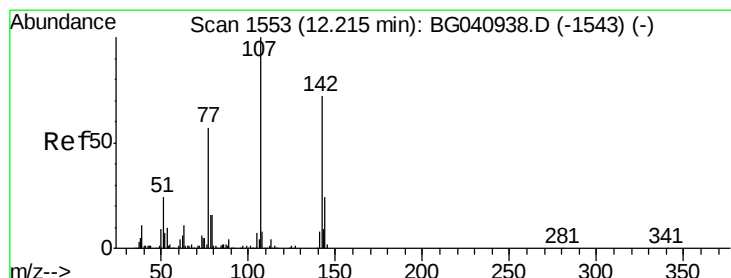
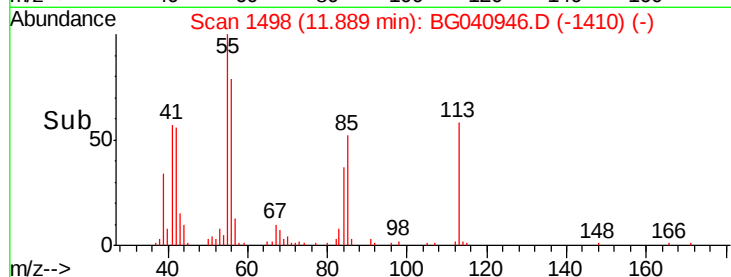
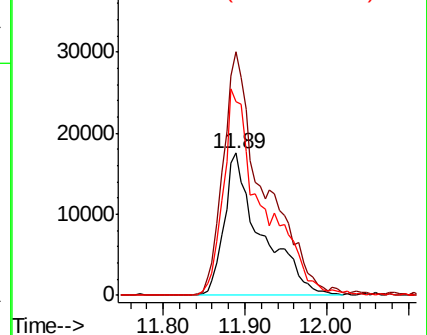
56 135.9 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.100 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

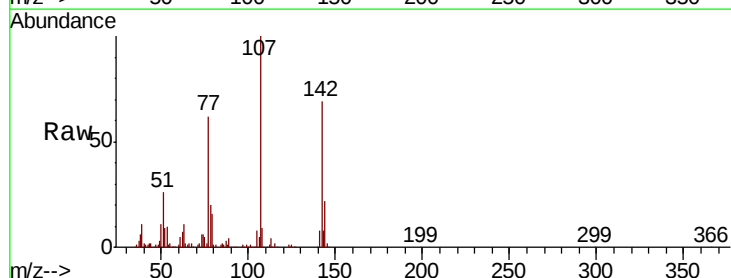
Tgt Ion:107 Resp: 199477

Ion Ratio Lower Upper

107 100

144 22.1 19.4 29.0

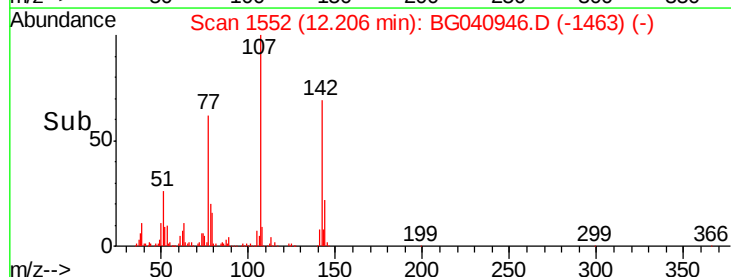
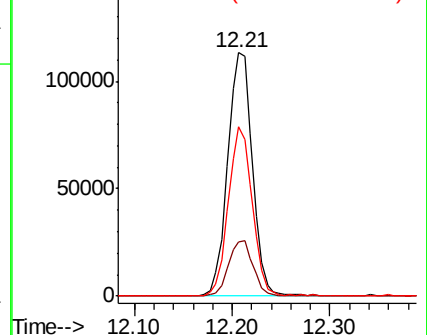
142 69.4 57.3 85.9

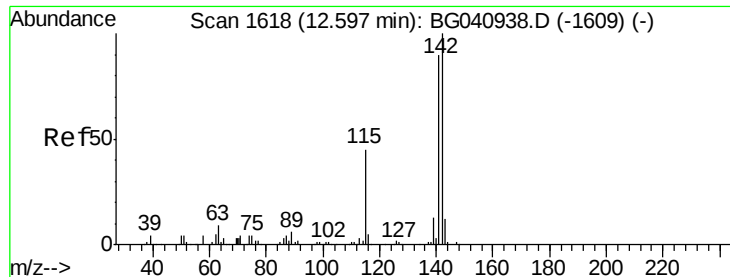


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

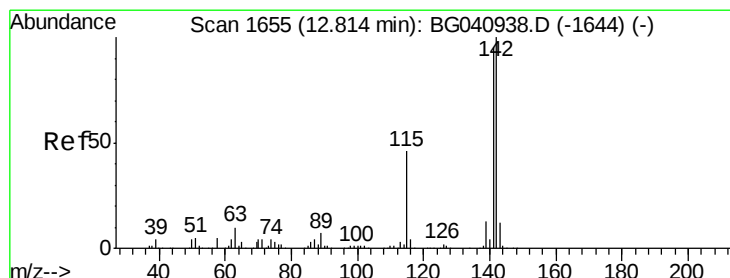
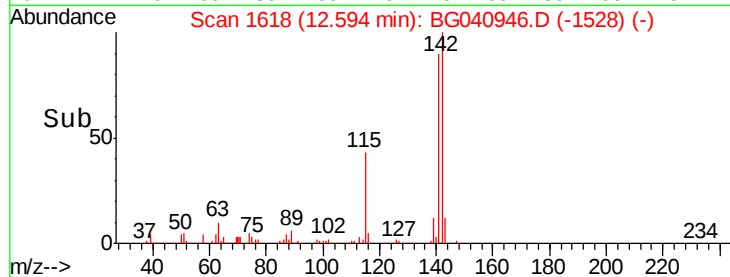
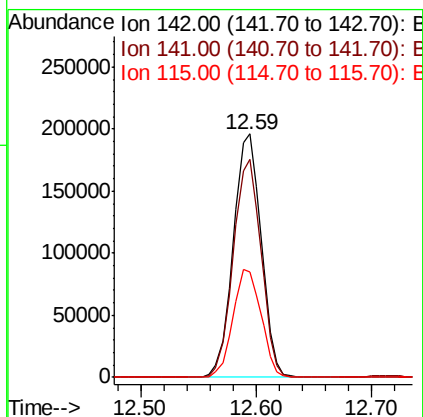
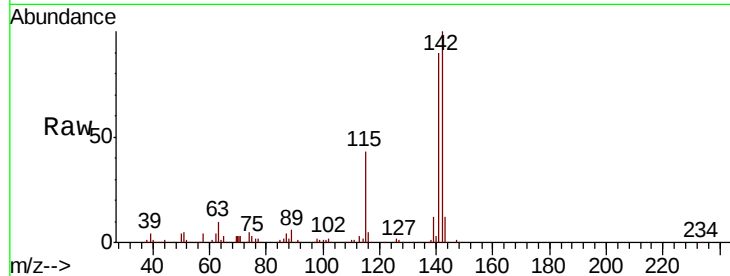




#37
2-Methylnaphthalene
Concen: 35.195 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

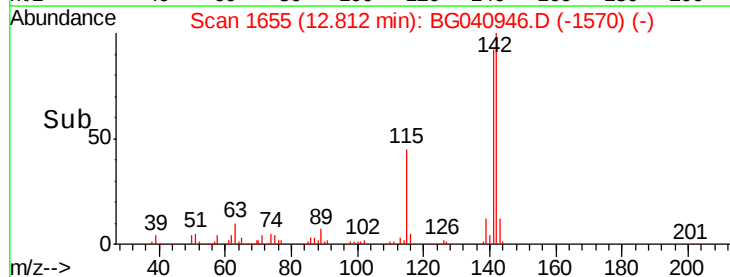
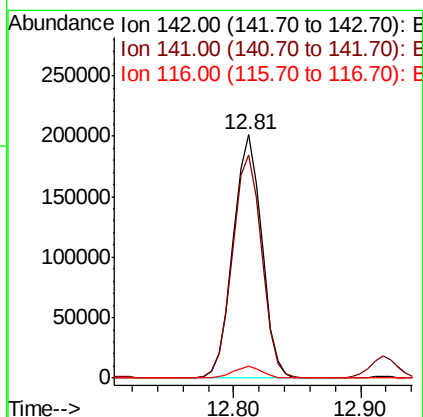
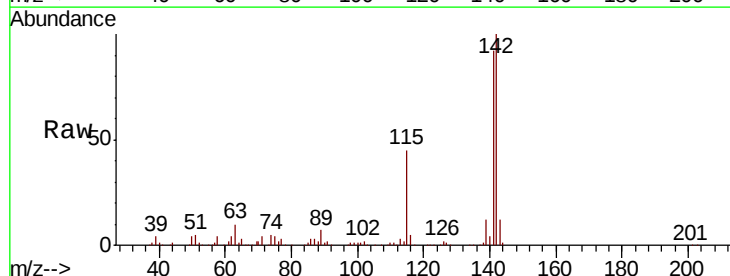
Instrument :
BNA_G
ClientSampled :

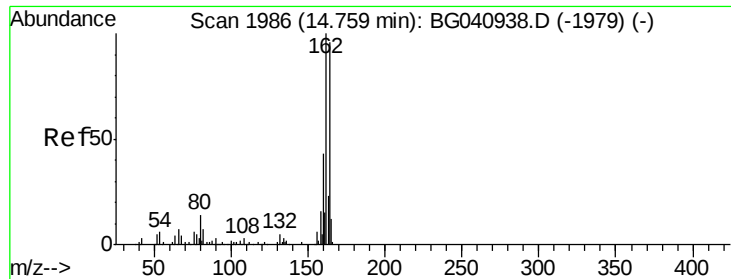
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	43.4	36.2	54.4



#38
1-Methylnaphthalene
Concen: 35.652 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.7	113.5
116	4.8	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

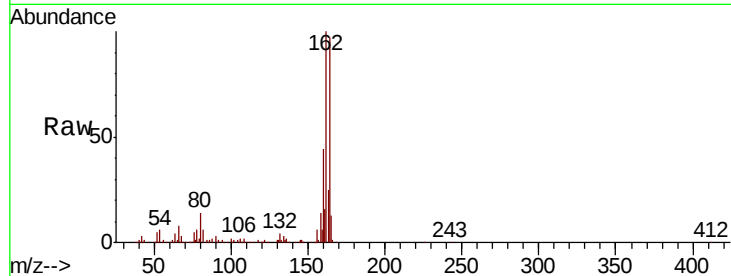
Tot Ion:164 Resp: 170925

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

160 45.3 35.6 53.4

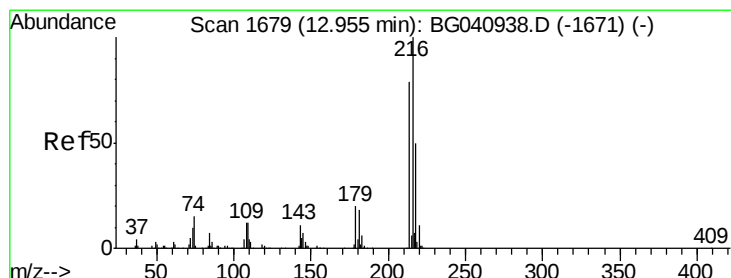
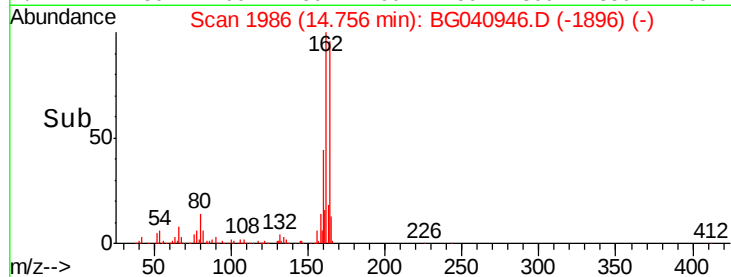
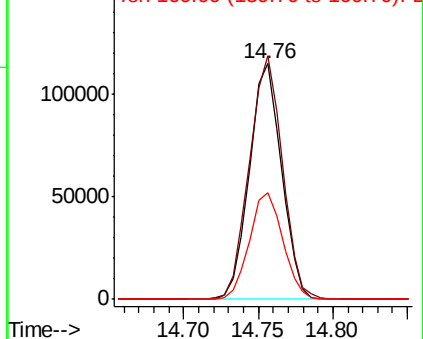


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.520 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Tgt Ion:216 Resp: 237814

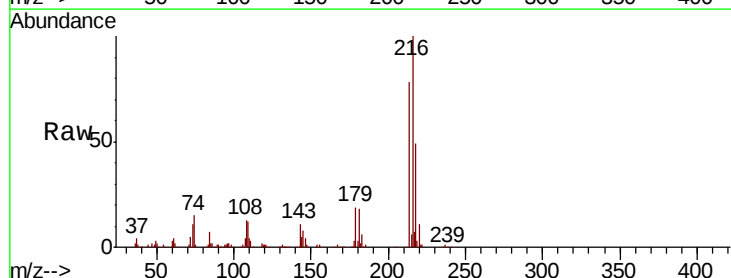
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 19.1 15.2 22.8

108 16.7 11.4 17.2



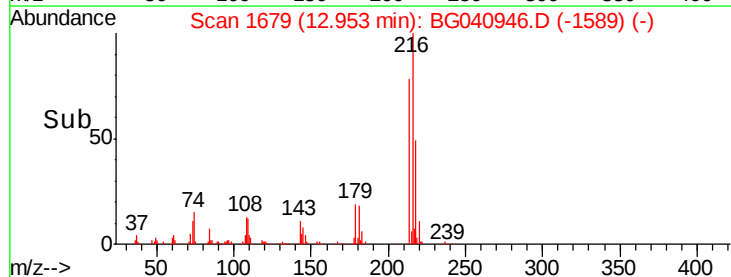
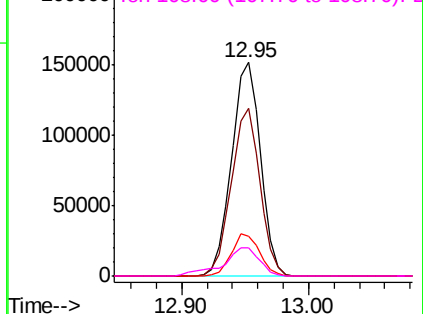
Abundance

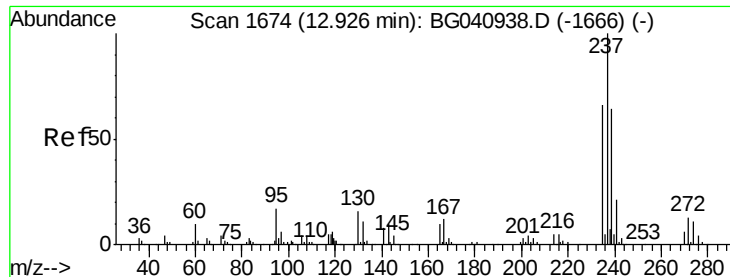
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.821 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

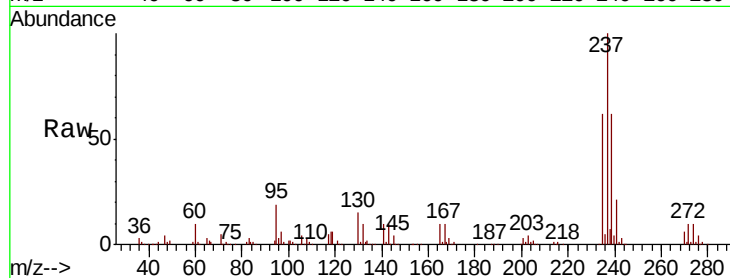
Tot Ion:237 Resp: 270753

Ion Ratio Lower Upper

237 100

235 62.4 45.5 85.5

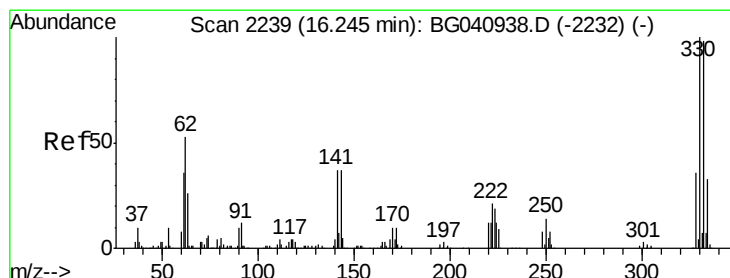
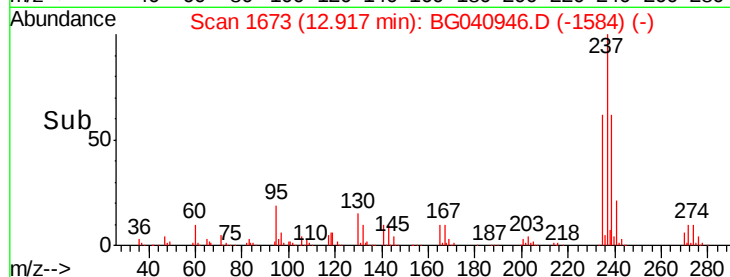
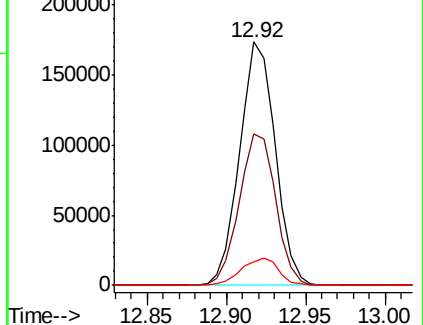
272 9.9 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.686 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

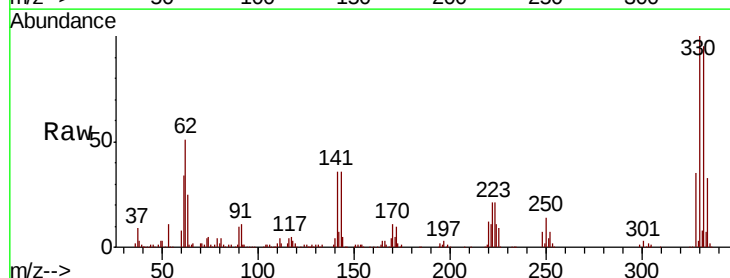
Tgt Ion:330 Resp: 306240

Ion Ratio Lower Upper

330 100

332 96.1 78.5 117.7

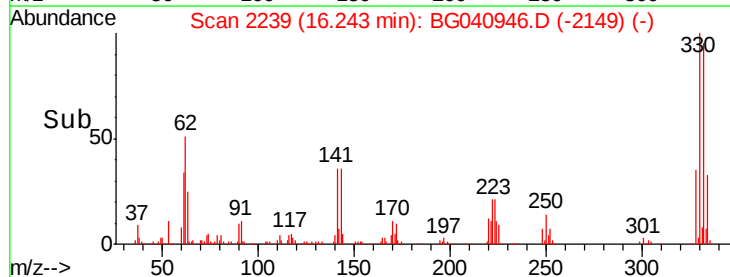
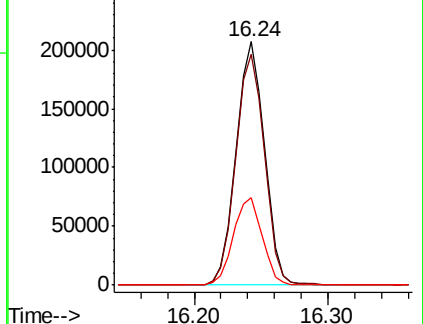
141 36.6 28.7 43.1

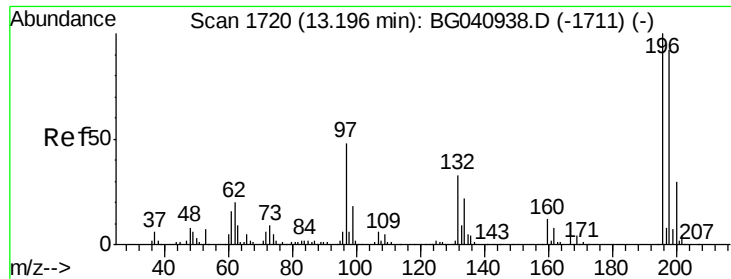


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

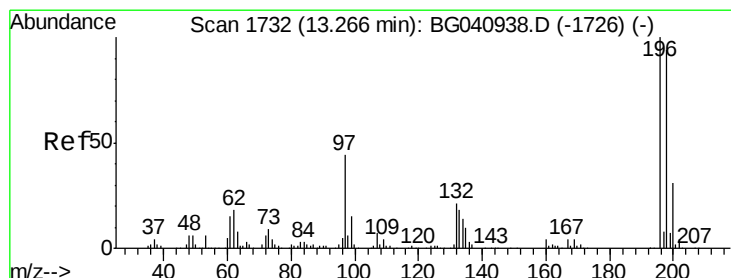
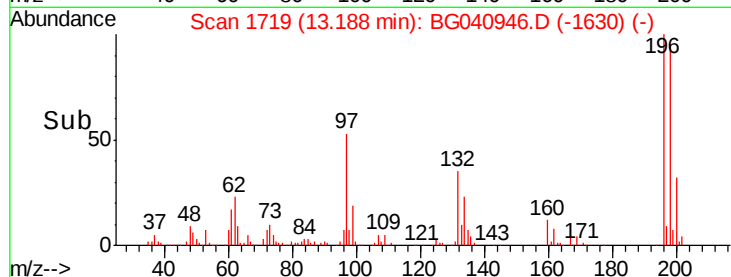
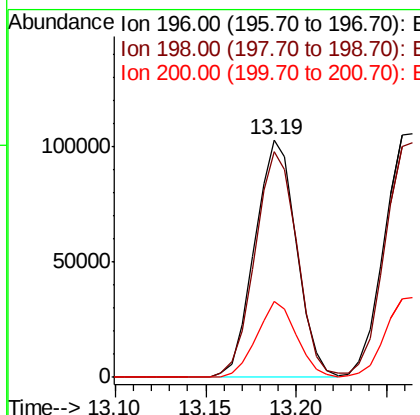
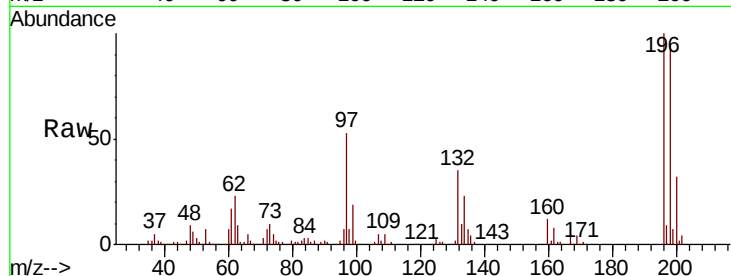




#43
 2,4,6-Trichlorophenol
 Concen: 36.903 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

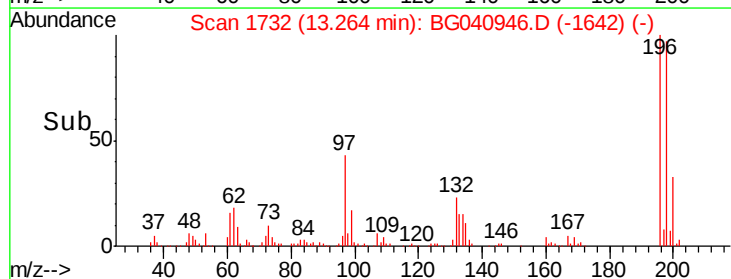
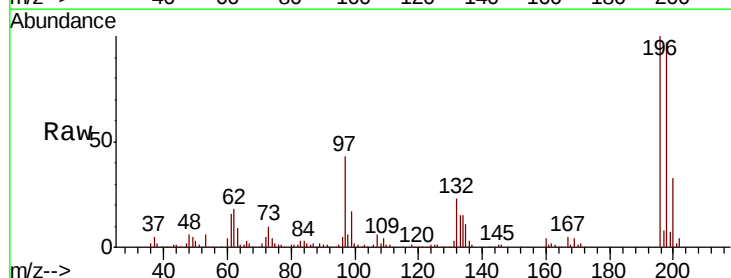
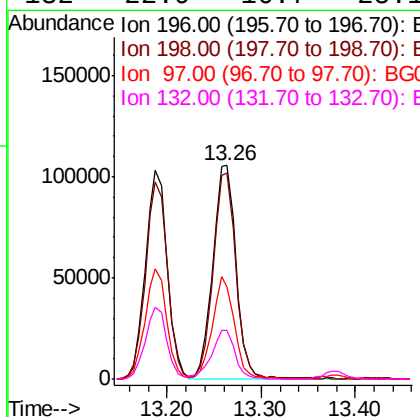
Instrument :
 BNA_G
 ClientSampled :

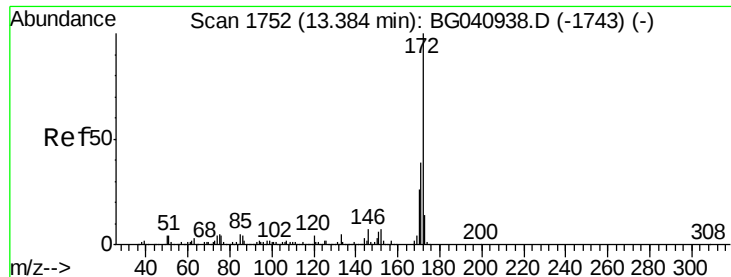
Tot Ion	196	Resp	164464
Ion Ratio	Lower	Upper	
196	100		
198	94.8	73.8	110.6
200	31.8	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 39.134 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	196	Resp	183938
Ion Ratio	Lower	Upper	
196	100		
198	96.6	75.1	112.7
97	43.3	35.6	53.4
132	22.9	16.7	25.1

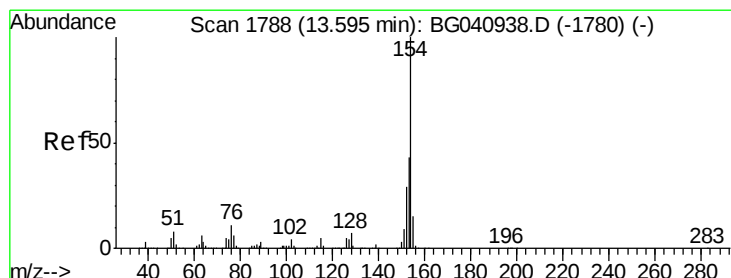
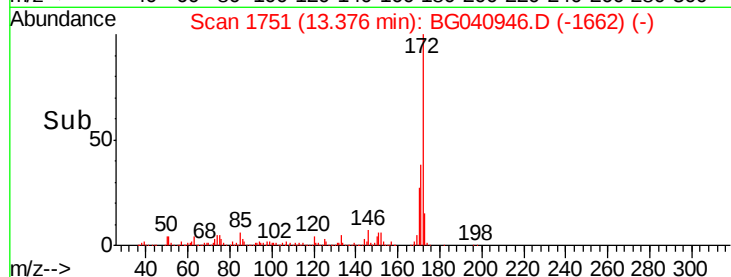
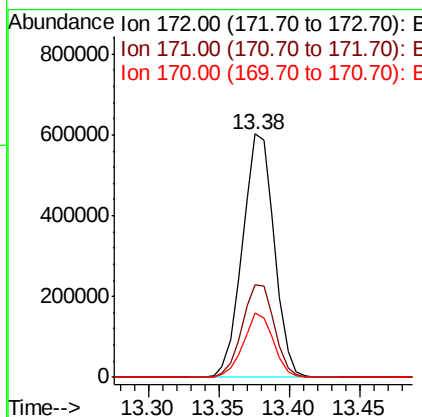
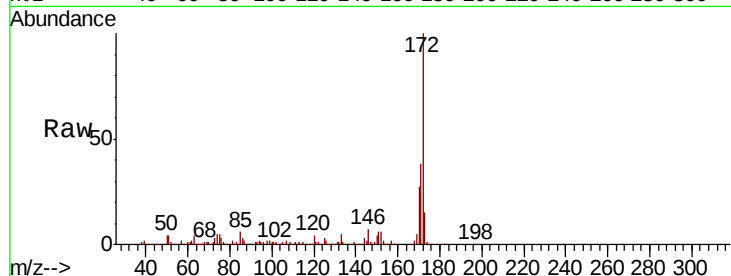




#45
2-Fluorobiphenyl
Concen: 79.846 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

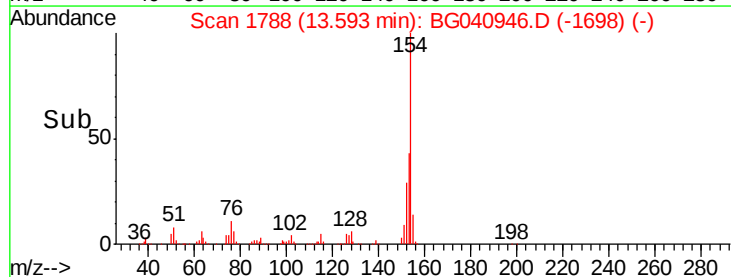
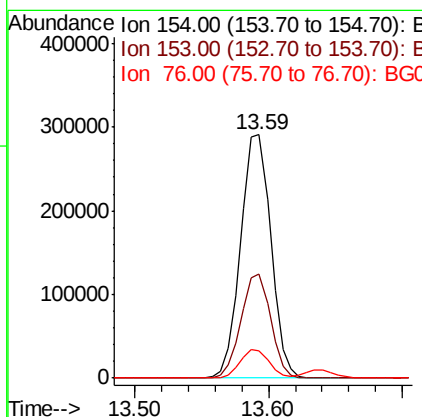
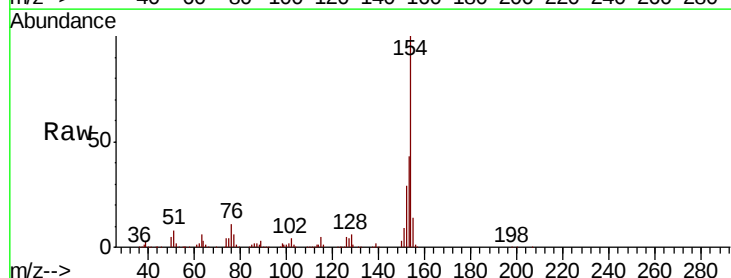
Instrument :
BNA_G
ClientSampleId :

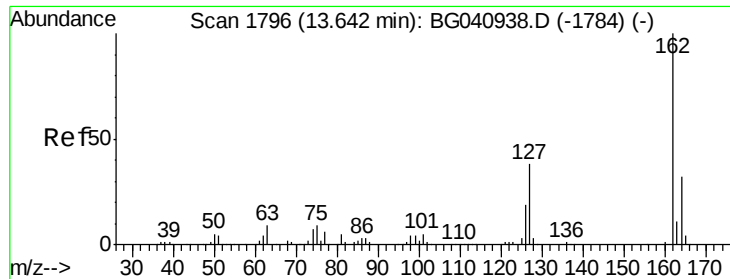
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	26.5	20.5	30.7



#46
1,1'-Biphenyl
Concen: 35.998 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.3	63.3
76	11.0	0.0	31.1

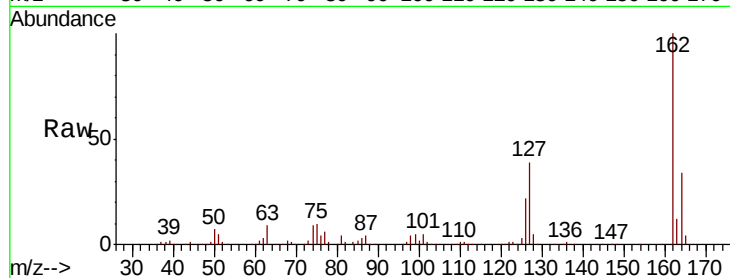




#47
 2-Chloronaphthalene
 Concen: 34.431 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	34.3	25.8	38.6

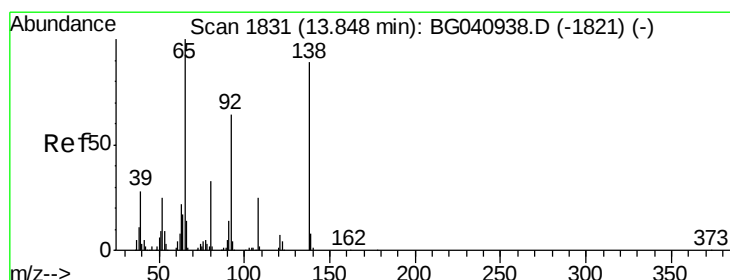
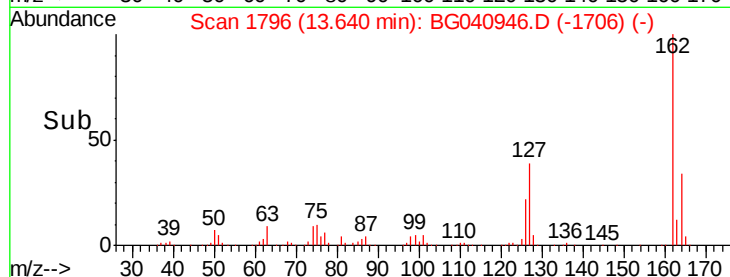
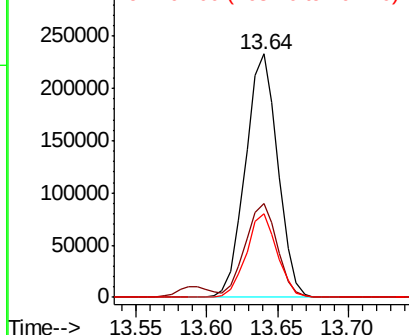


Abundance

Ion 162.00 (161.70 to 162.70): E

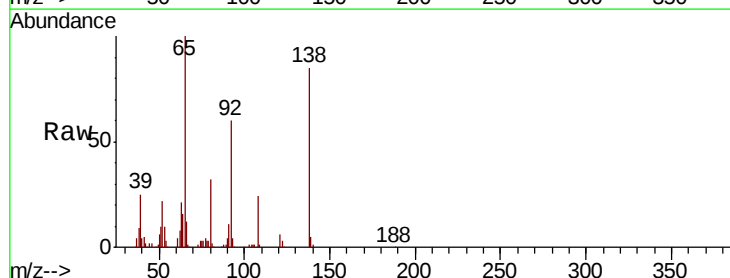
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 36.786 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.1	51.0	76.6
138	84.5	71.2	106.8

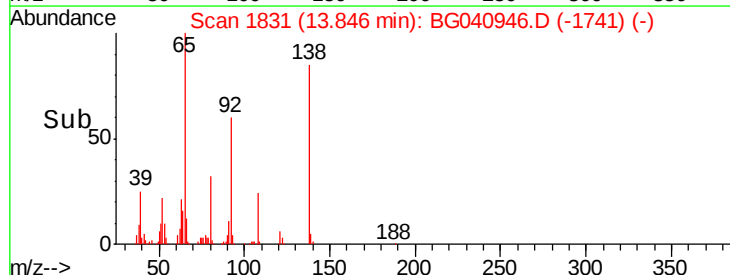
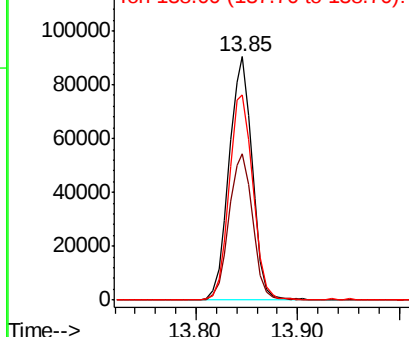


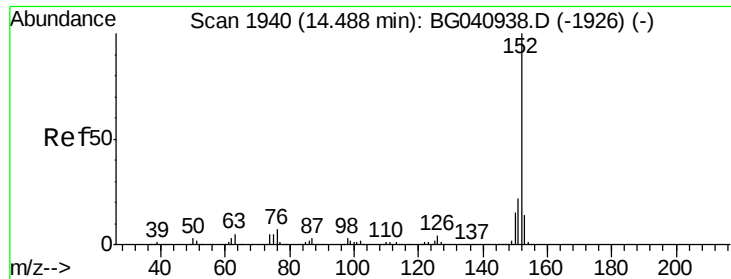
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.530 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

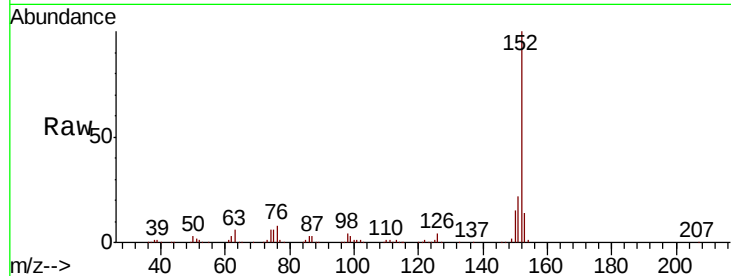
Tot Ion:152 Resp: 597183

Ion Ratio Lower Upper

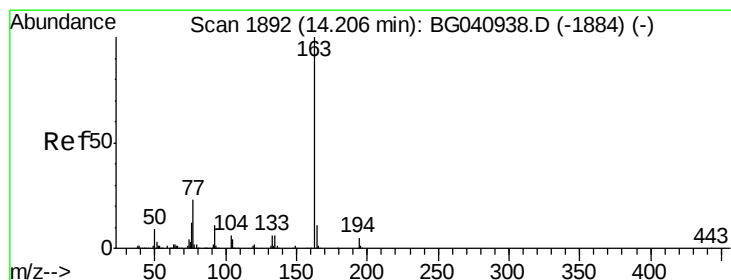
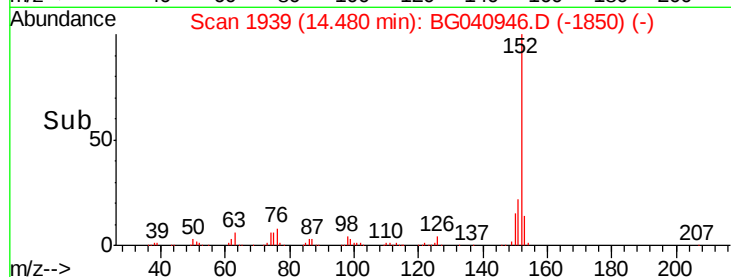
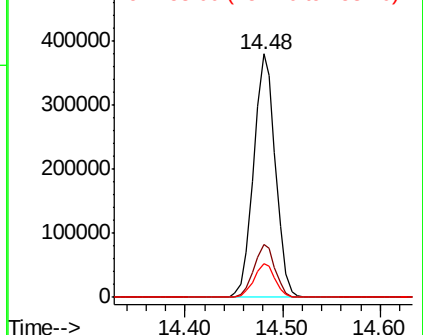
152 100

151 21.9 17.4 26.0

153 13.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.254 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

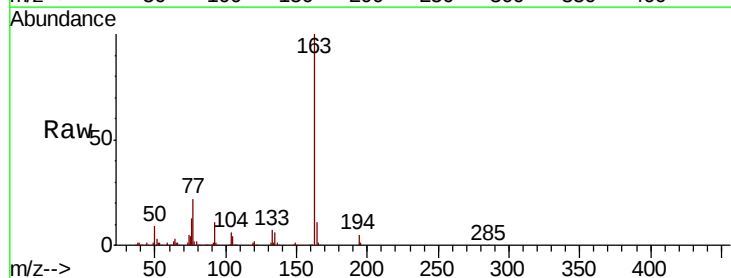
Tgt Ion:163 Resp: 510092

Ion Ratio Lower Upper

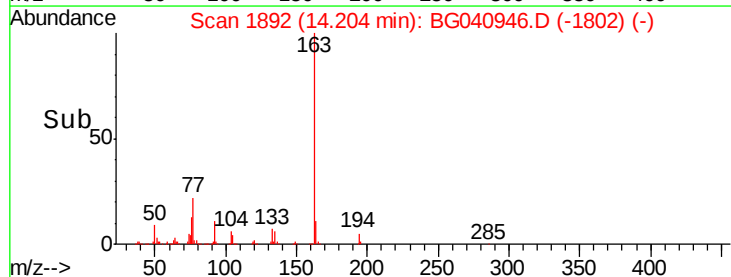
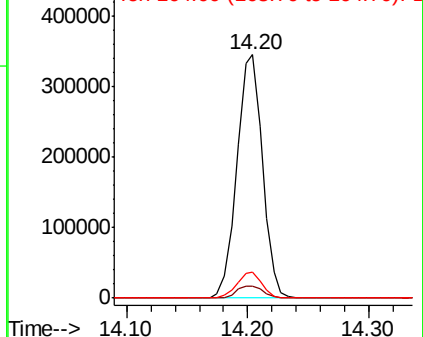
163 100

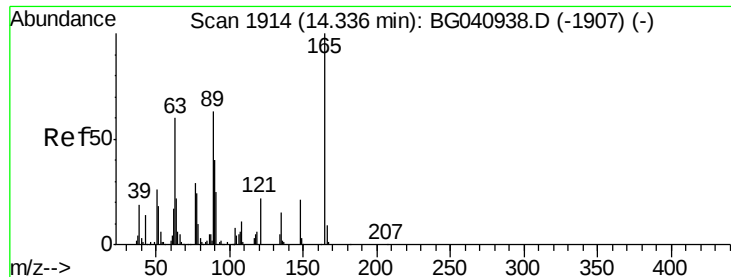
194 4.9 3.8 5.8

164 10.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

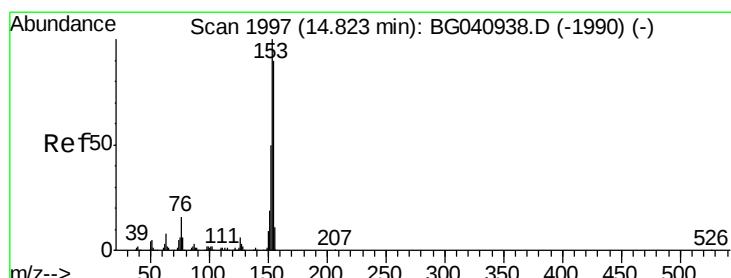
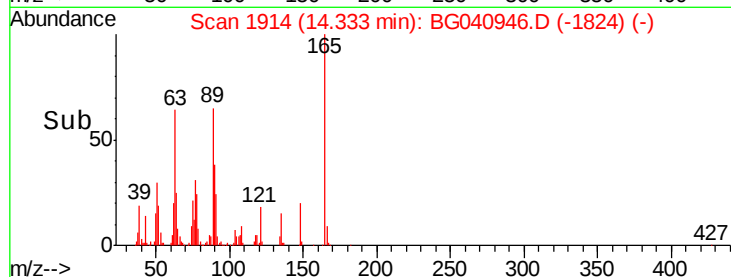
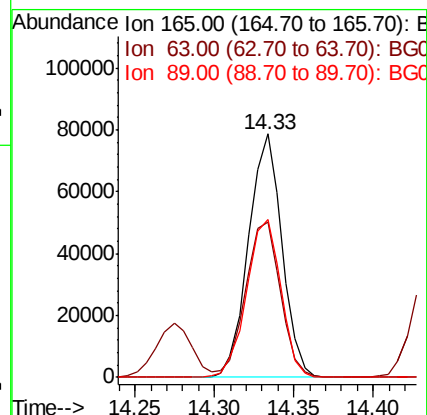
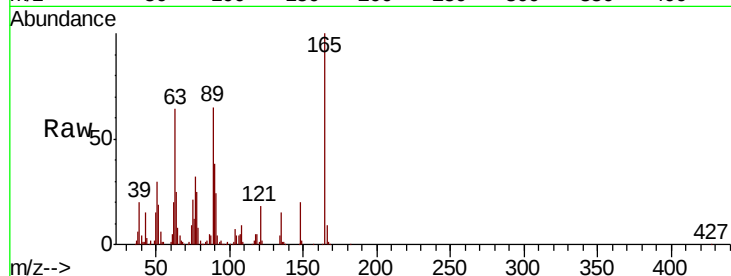




#51
2,6-Dinitrotoluene
Concen: 36.917 ng
RT: 14.33 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

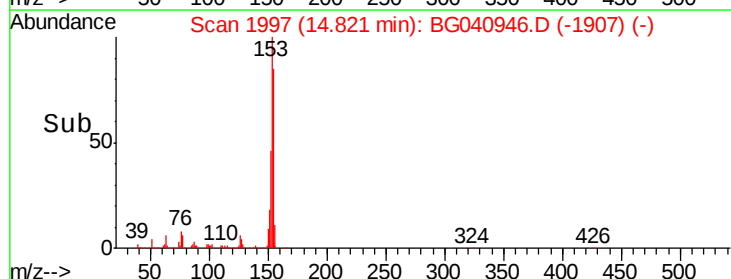
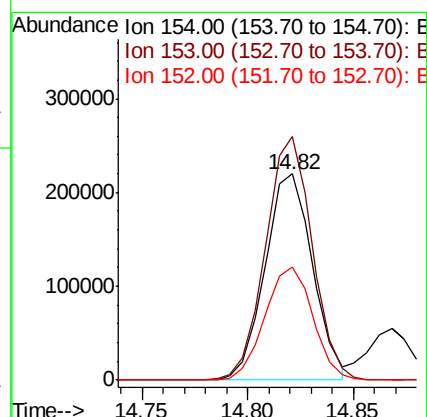
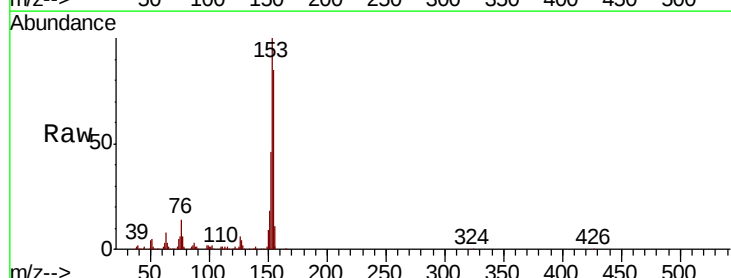
Instrument :
BNA_G
ClientSampleId :

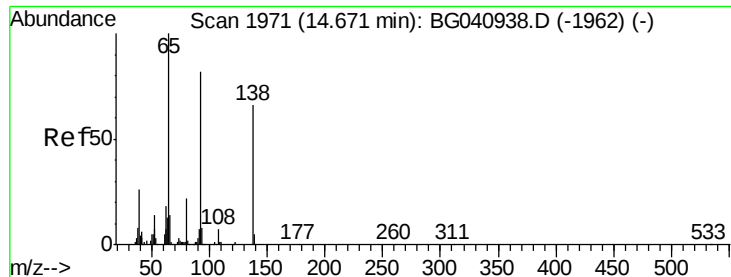
Tot Ion:165 Resp: 115166
Ion Ratio Lower Upper
165 100
63 63.8 53.6 80.4
89 64.7 50.4 75.6



#52
Acenaphthene
Concen: 34.696 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion:154 Resp: 343604
Ion Ratio Lower Upper
154 100
153 118.1 88.6 133.0
152 54.9 44.2 66.4

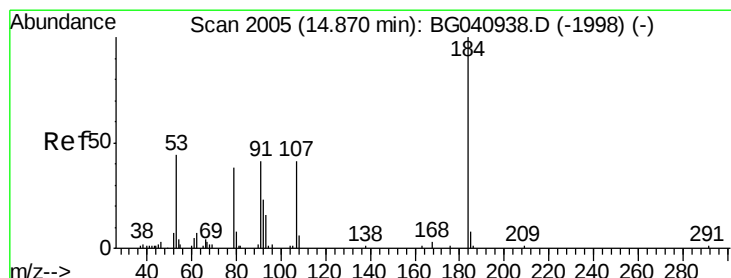
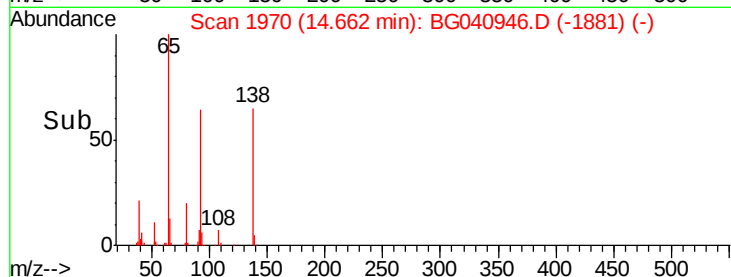
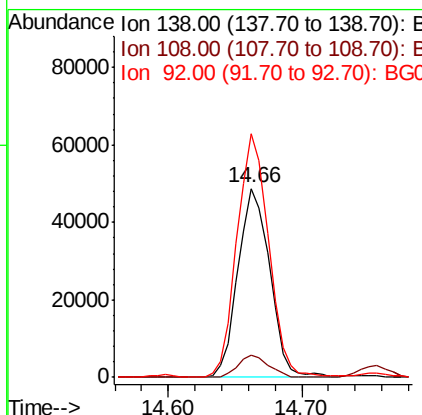
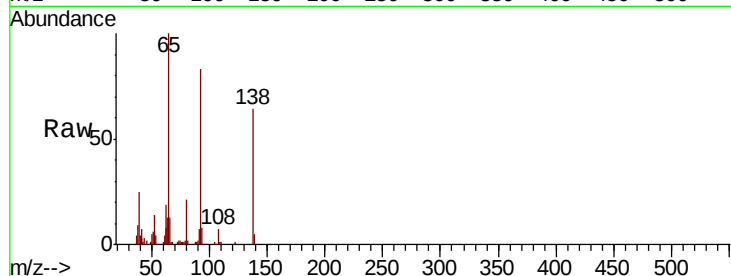




#53
3-Nitroaniline
Concen: 25.890 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

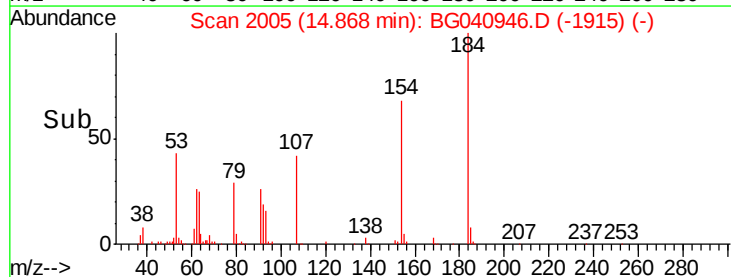
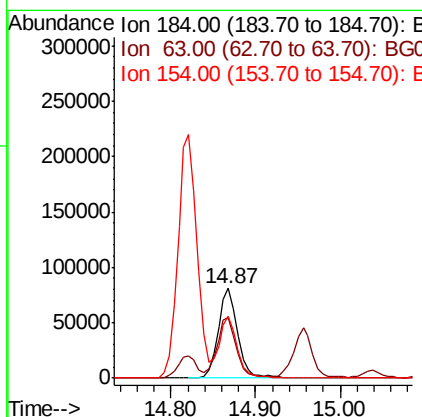
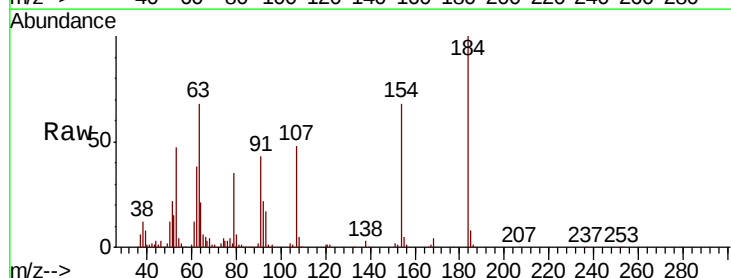
Instrument :
BNA_G
ClientSampleId :

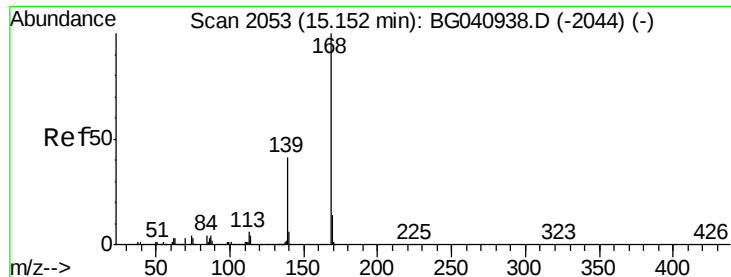
Tot Ion:138 Resp: 80764
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 129.0 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 80.250 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion:184 Resp: 130627
Ion Ratio Lower Upper
184 100
63 67.7 49.8 74.6
154 68.5 52.2 78.4





#55

Dibenzofuran

Concen: 36.735 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

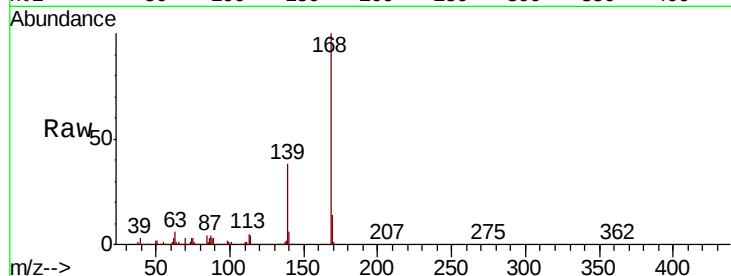
Tot Ion:168 Resp: 612143

Ion Ratio Lower Upper

168 100

139 38.0 32.8 49.2

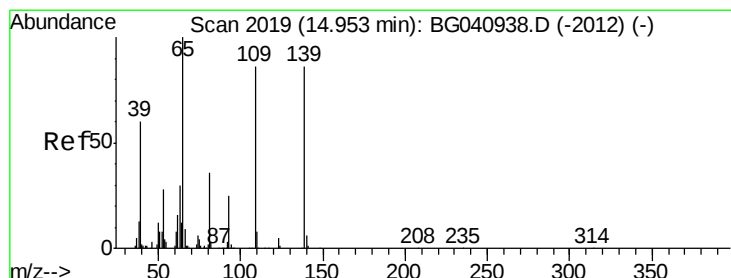
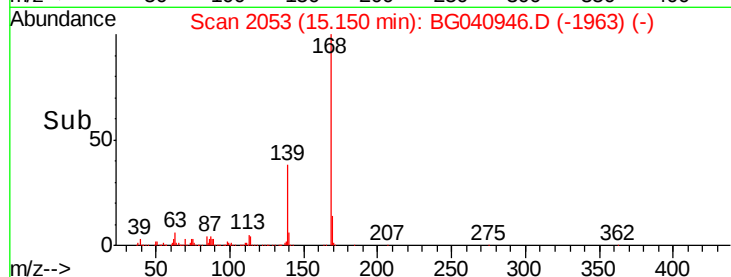
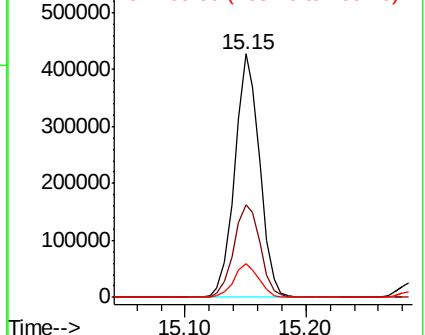
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.219 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

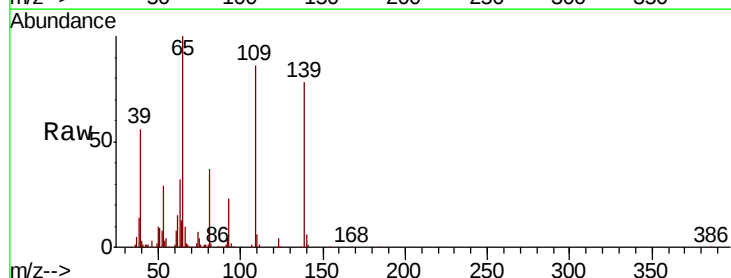
Tgt Ion:139 Resp: 180203

Ion Ratio Lower Upper

139 100

109 111.2 79.6 119.6

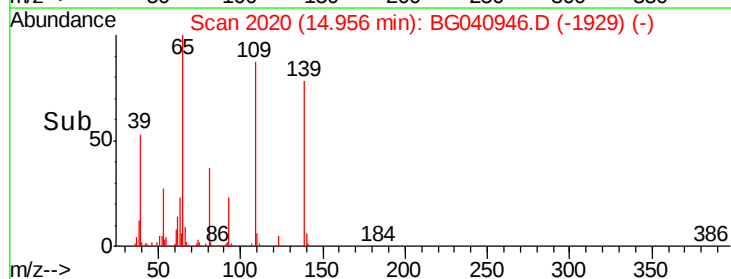
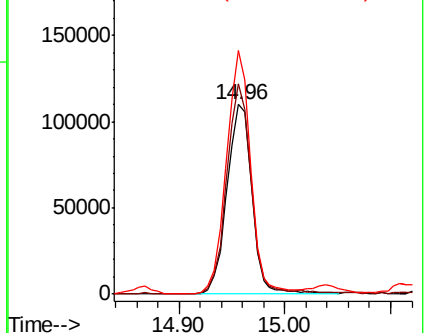
65 128.6 96.9 136.9

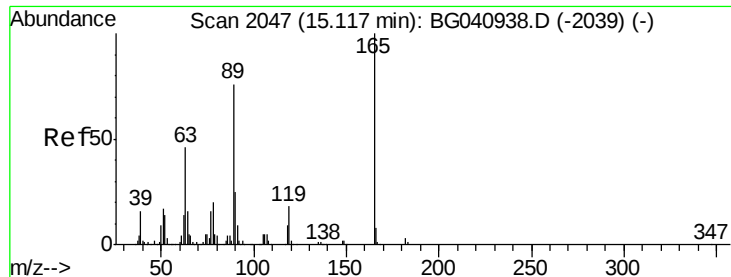


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

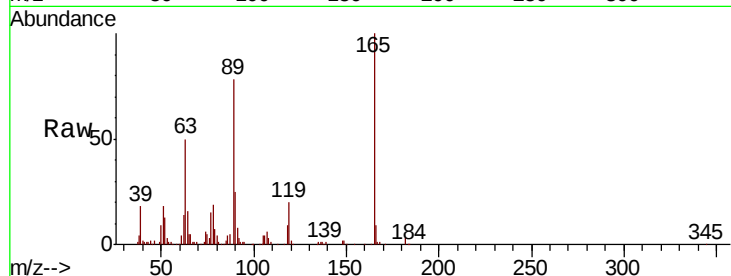




#57
 2,4-Dinitrotoluene
 Concen: 37.699 ng
 RT: 15.11 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	37.3	55.9
89	78.4	61.0	91.6
182	2.6	2.2	3.2



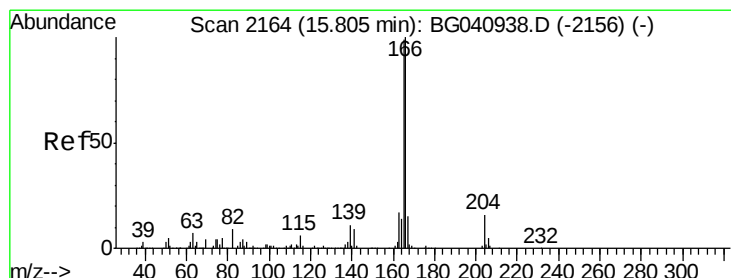
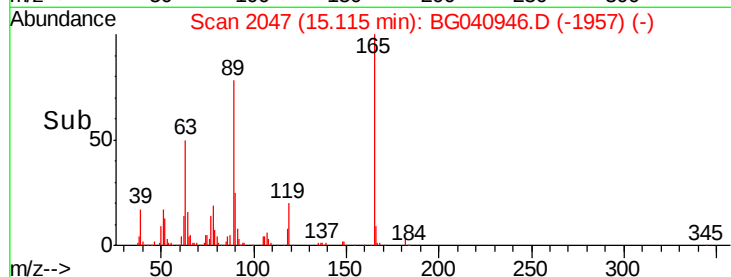
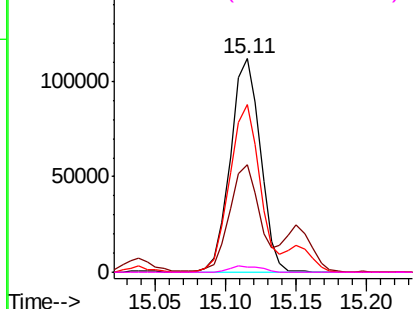
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

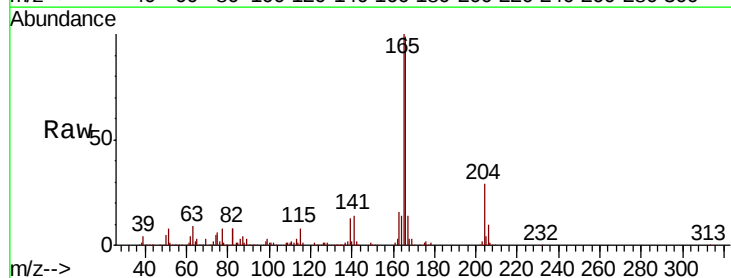
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 36.061 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.2	118.8
167	14.3	11.8	17.6

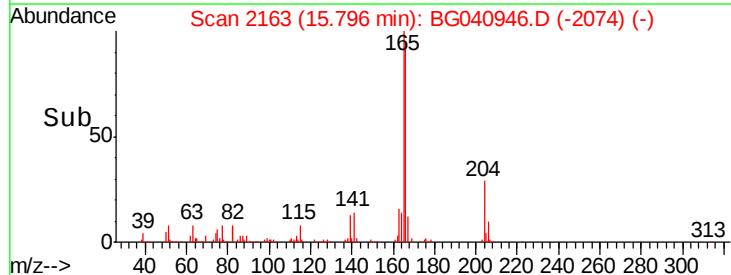
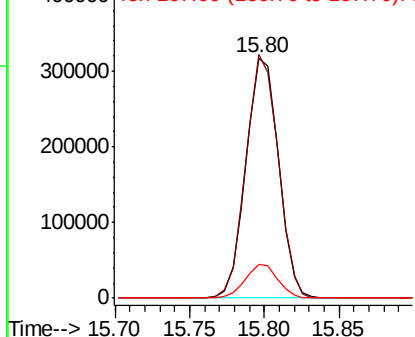


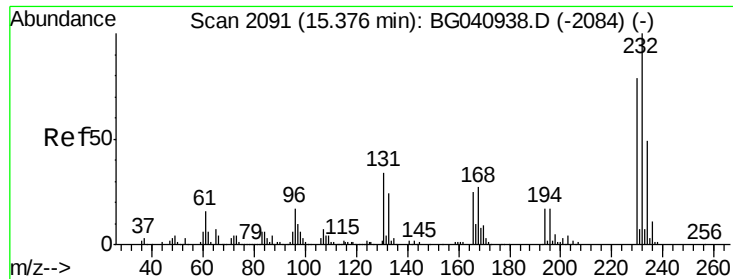
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

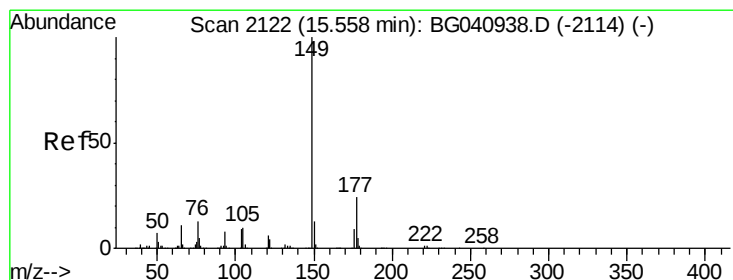
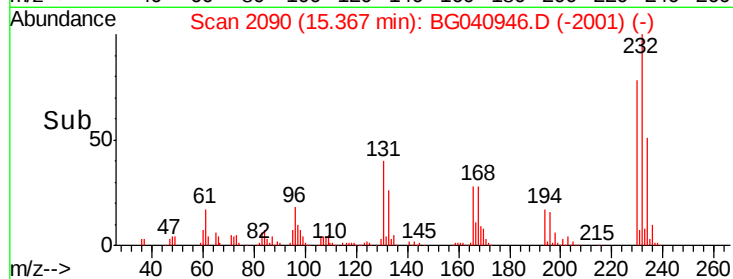
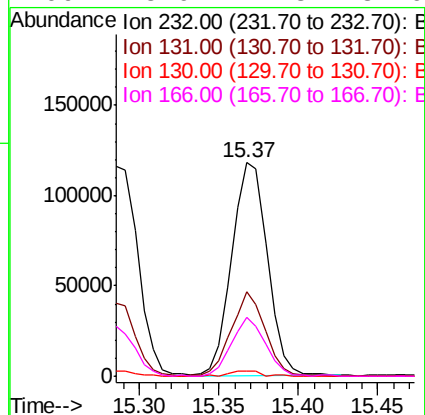
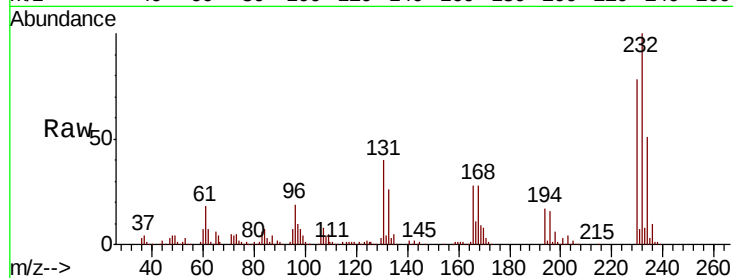




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.884 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

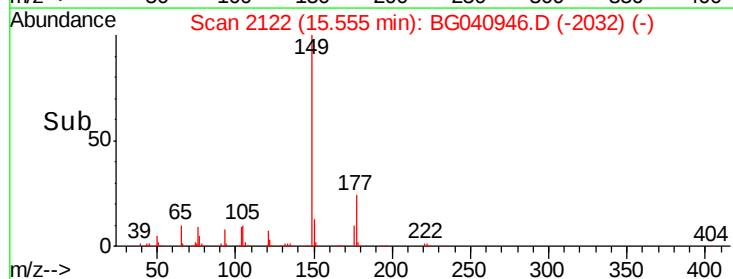
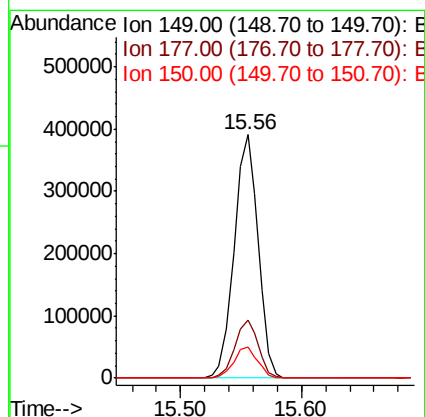
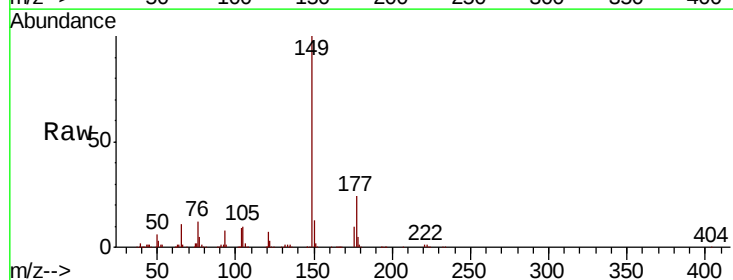
Instrument :
 BNA_G
 ClientSampleId :

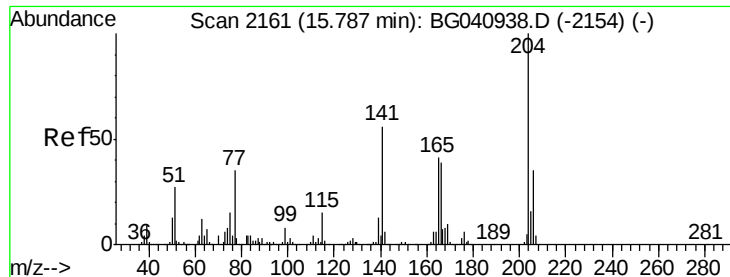
Tot Ion:232	Resp:	184227
Ion Ratio	Lower	Upper
232	100	
131	37.6	30.3 45.5
130	2.4	1.8 2.8
166	25.9	21.3 31.9



#60
 Diethylphthalate
 Concen: 36.414 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion:149	Resp:	537688
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.4 29.0
150	13.0	10.3 15.5

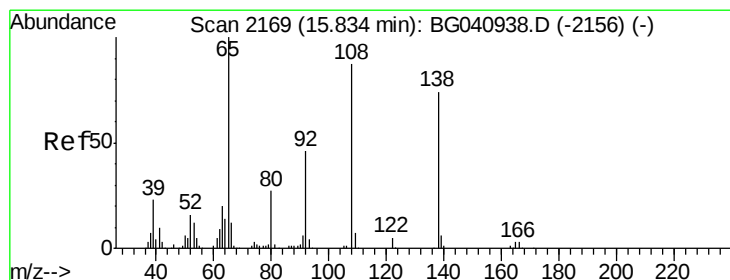
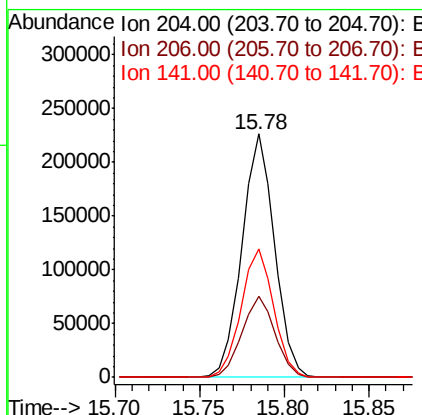
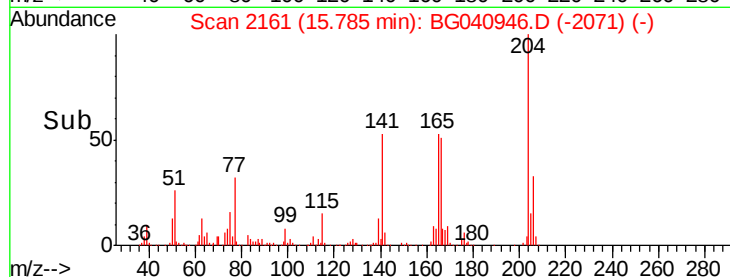
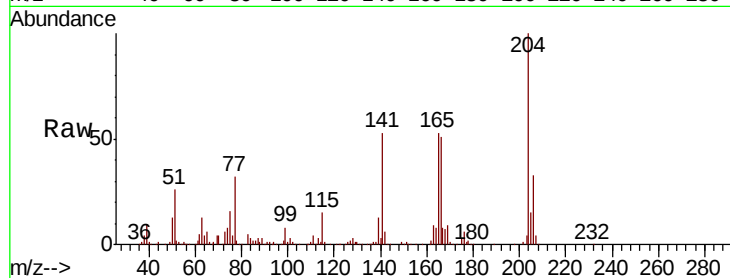




#61
4-Chlorophenyl-phenylether
Concen: 35.204 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

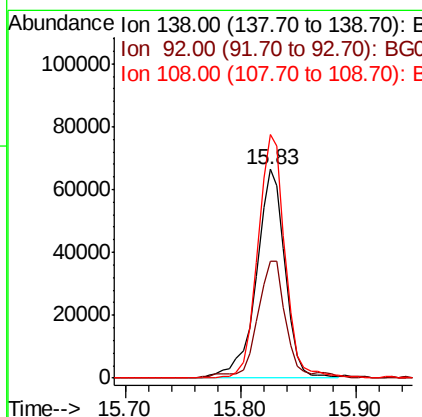
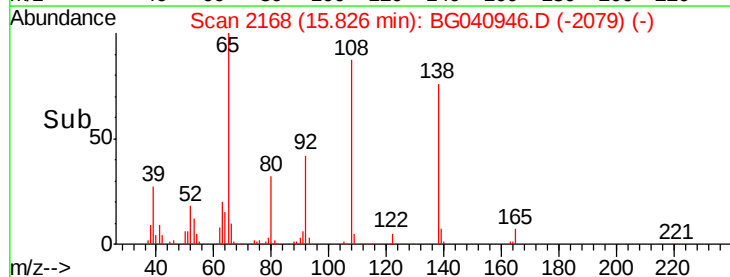
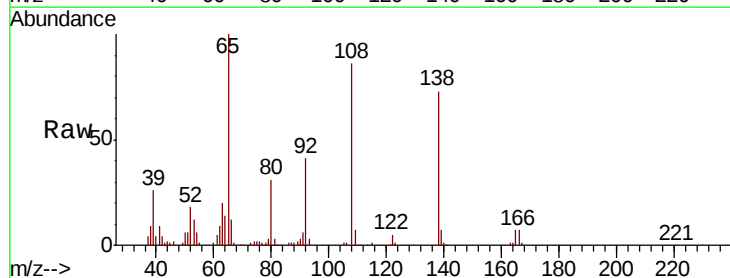
Instrument :
BNA_G
ClientSampleId :

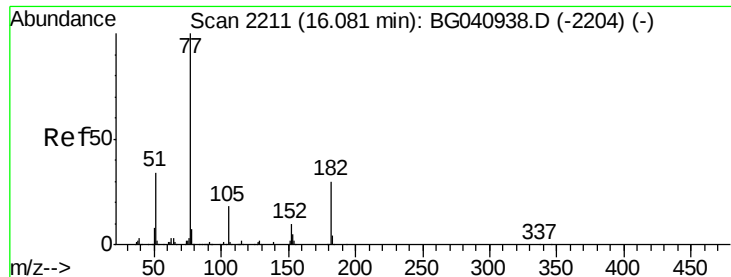
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.6	41.4
141	52.5	45.1	67.7



#62
4-Nitroaniline
Concen: 34.869 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	42.4	82.4
108	116.6	96.9	136.9

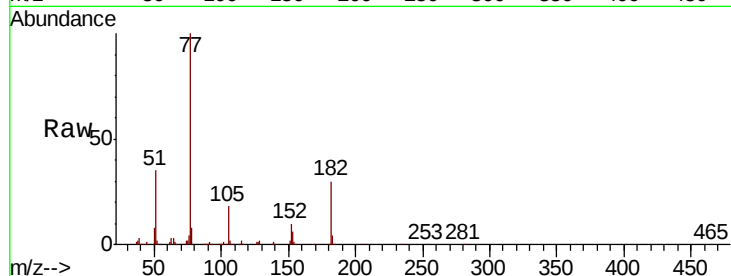




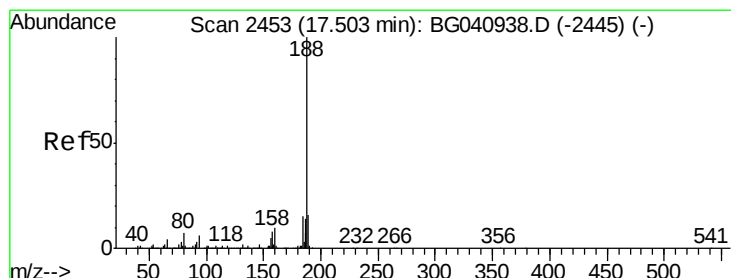
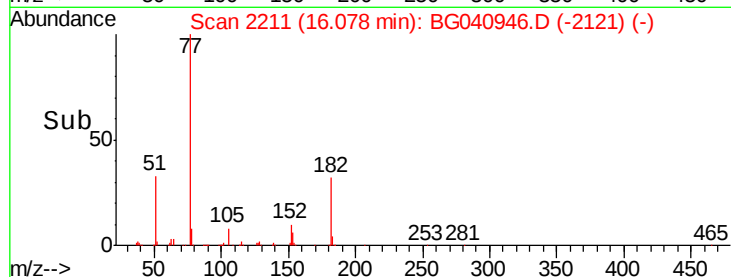
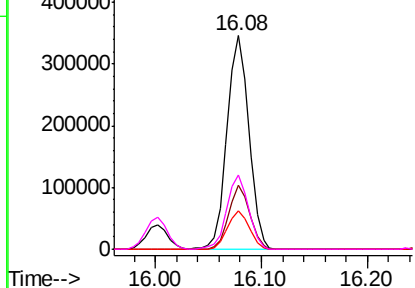
#63
Azobenzene
Concen: 36.882 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	494981
Ion	Ratio	Lower	Upper
77	100		
182	30.0	9.6	49.6
105	18.1	0.0	37.5
51	34.8	13.7	53.7

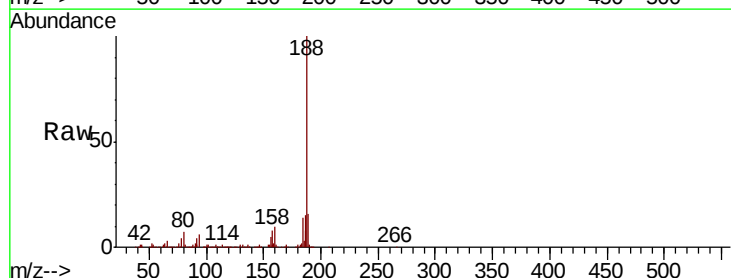


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

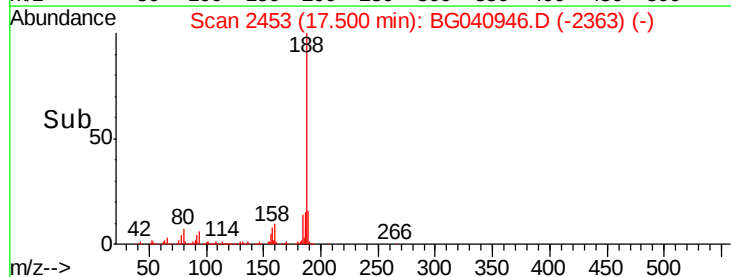
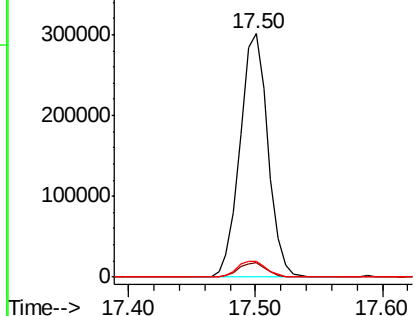


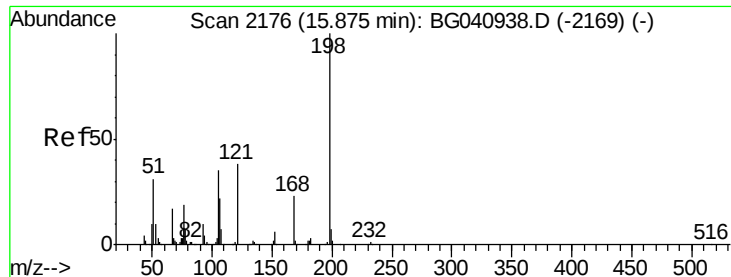
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion:	188	Resp:	459327
Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.7	7.1
80	6.5	5.8	8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.272 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

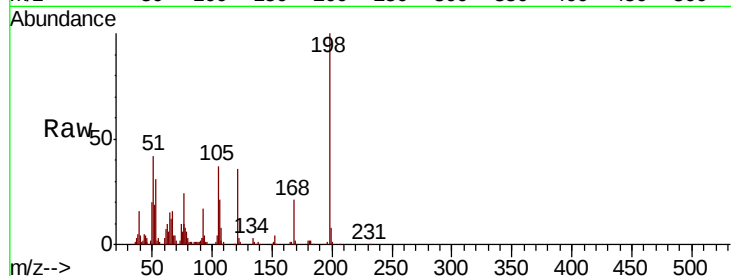
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 94979

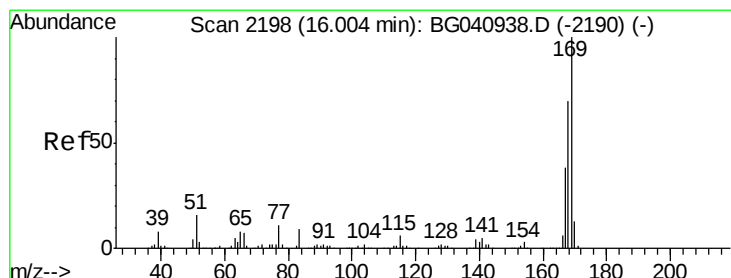
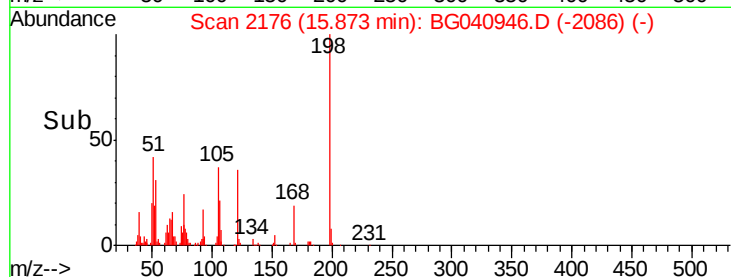
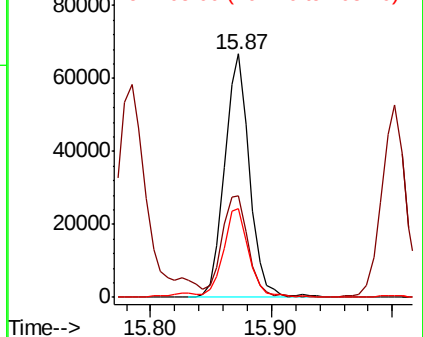
Ion	Ratio	Lower	Upper
198	100		
51	41.5	21.6	61.6
105	36.5	17.5	57.5



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: 34.914 ng

RT: 16.00 min Scan# 2198

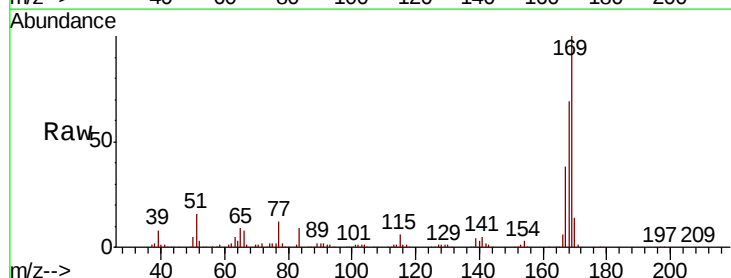
Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Tgt Ion:169 Resp: 450812

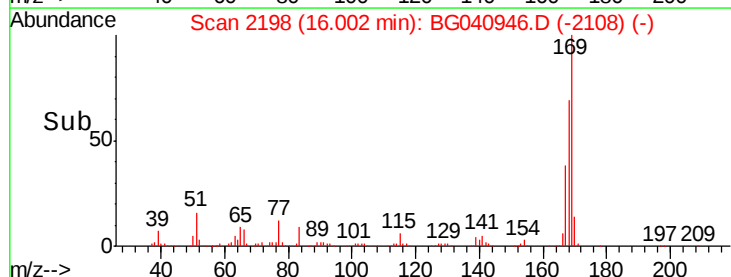
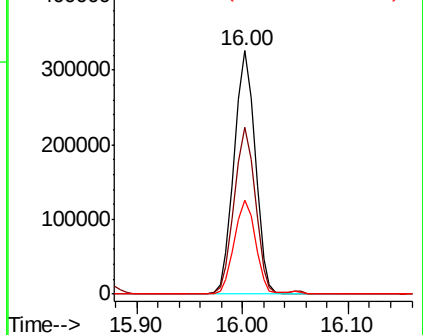
Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.7	83.5
167	38.4	30.2	45.2

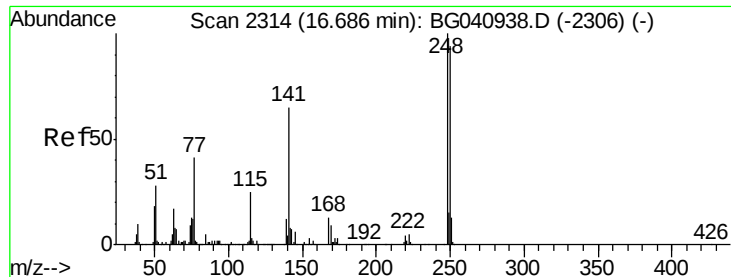


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 32.749 ng

RT: 16.68 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

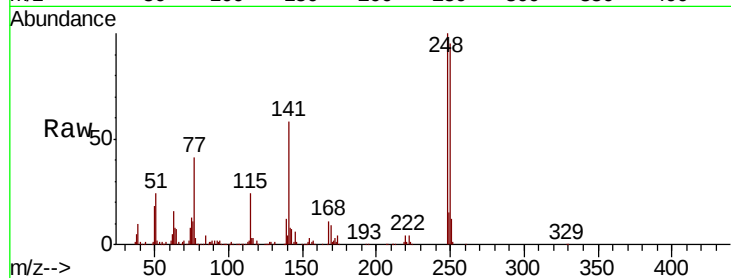
Tot Ion:248 Resp: 203003

Ion Ratio Lower Upper

248 100

250 95.4 75.0 112.4

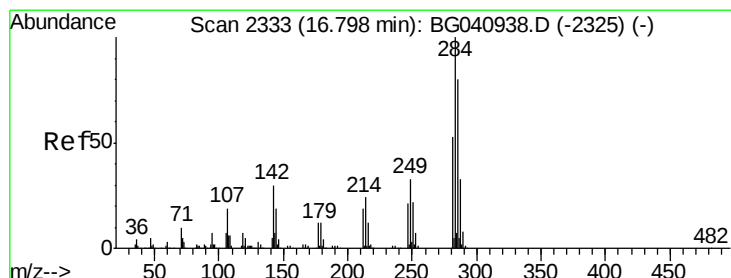
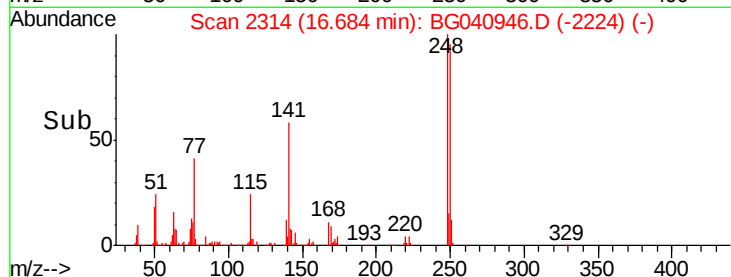
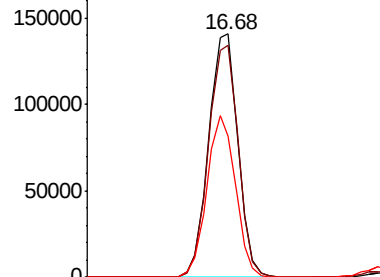
141 58.0 52.4 78.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 31.979 ng

RT: 16.79 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

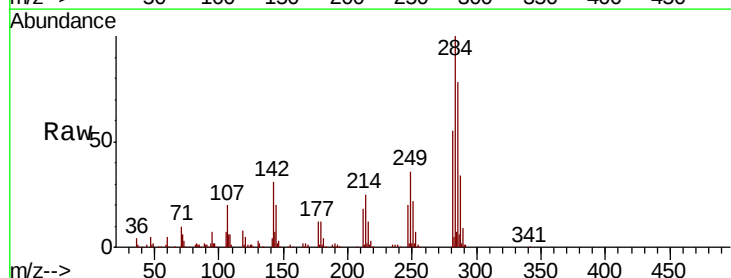
Tgt Ion:284 Resp: 211085

Ion Ratio Lower Upper

284 100

142 30.9 23.9 35.9

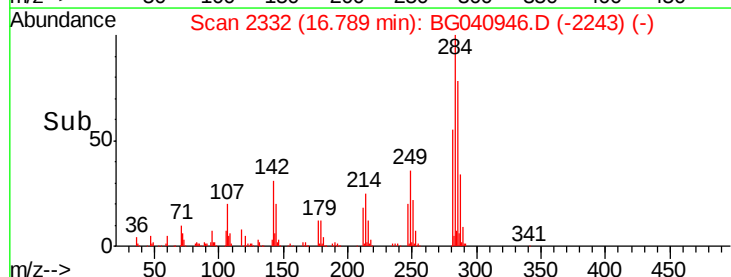
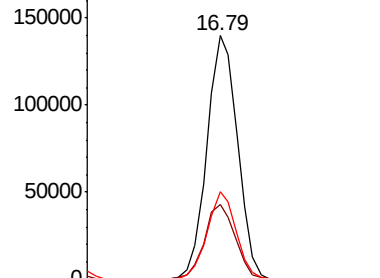
249 35.8 26.8 40.2

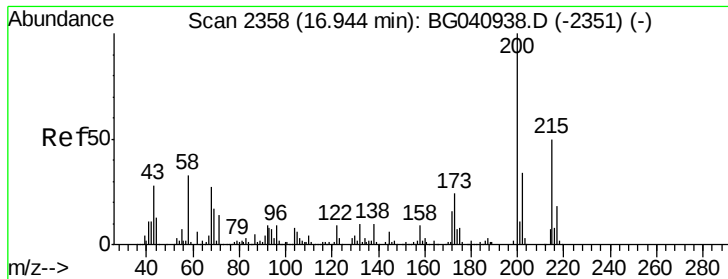


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.047 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

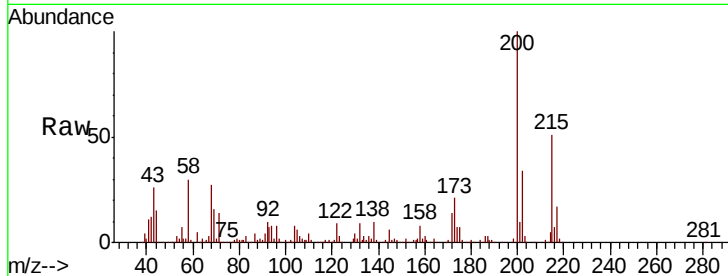
Tot Ion:200 Resp: 189562

Ion Ratio Lower Upper

200 100

173 21.4 3.6 43.6

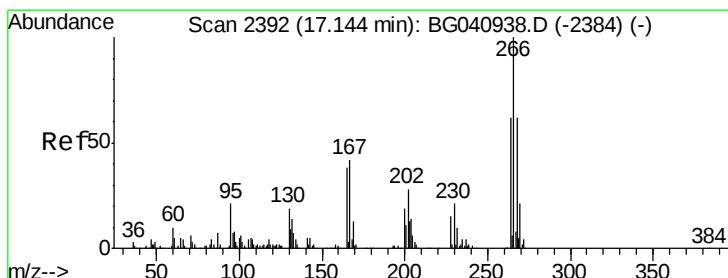
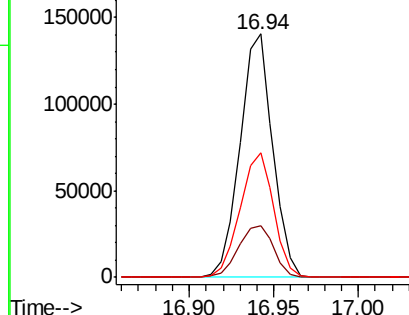
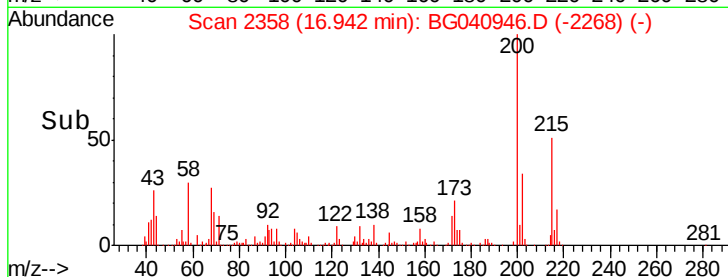
215 51.1 29.6 69.6



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: 72.460 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

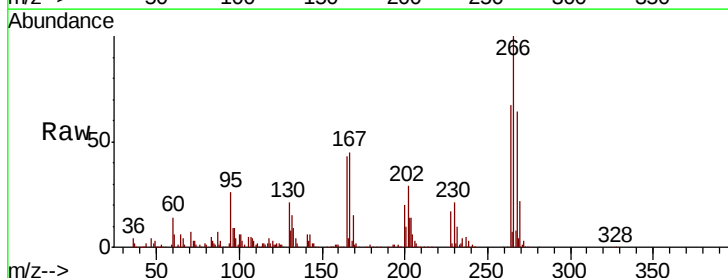
Tgt Ion:266 Resp: 254721

Ion Ratio Lower Upper

266 100

268 63.8 53.1 79.7

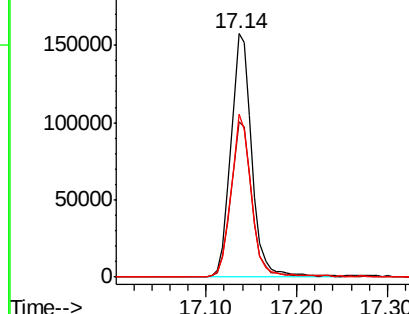
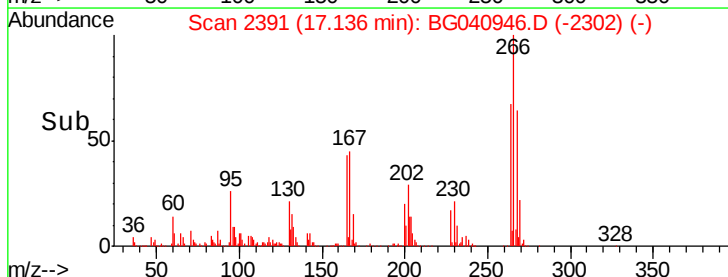
264 67.0 49.9 74.9

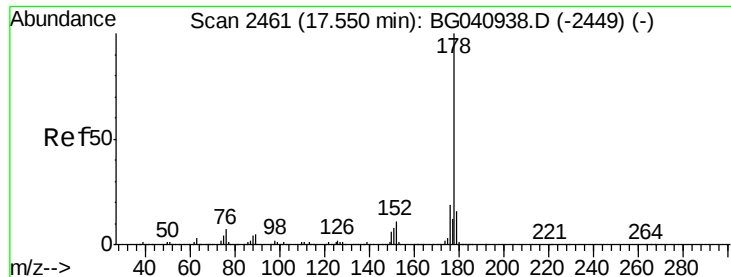


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

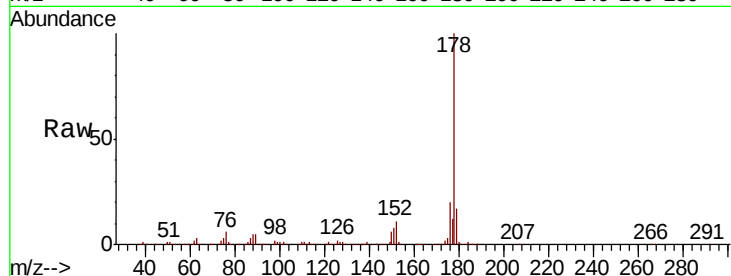




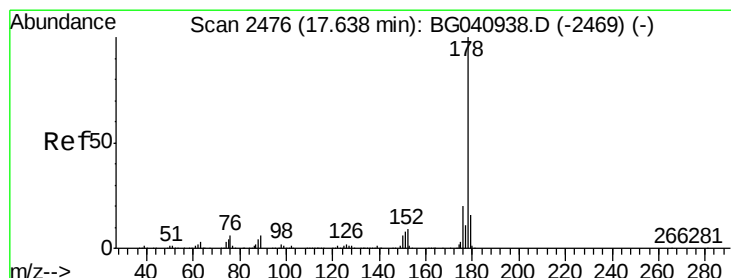
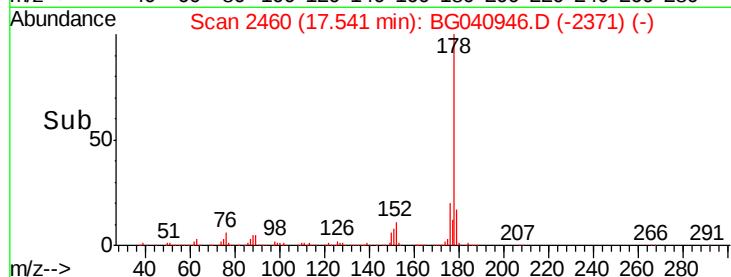
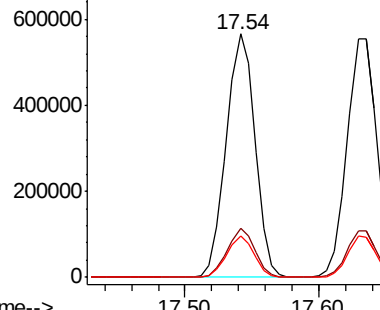
#71
Phenanthrene
Concen: 35.158 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 841172
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.9 12.7 19.1

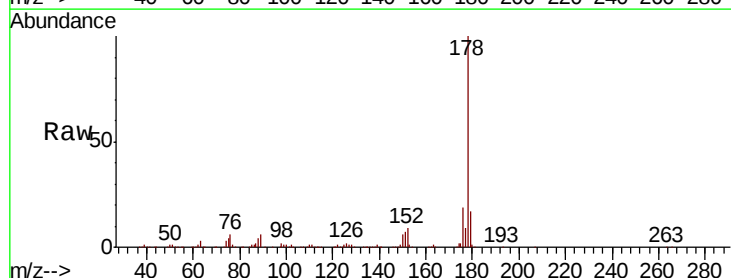


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

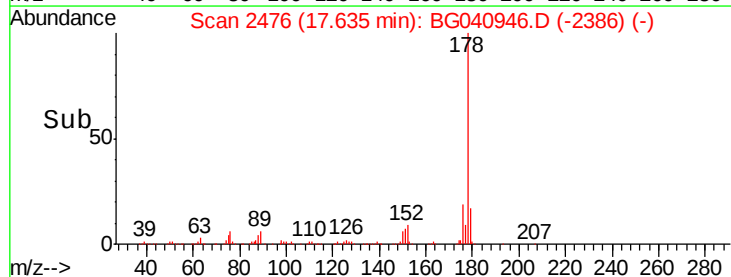
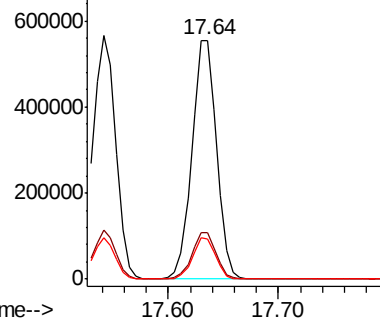


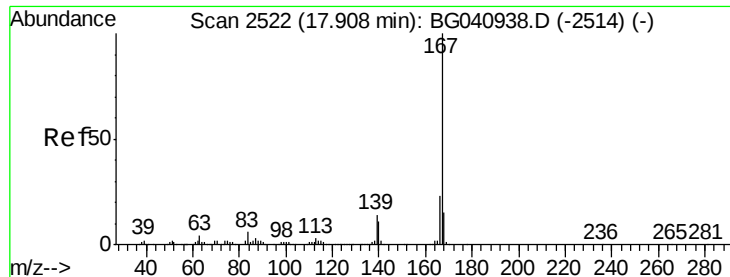
#72
Anthracene
Concen: 36.521 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion:178 Resp: 861780
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.9 13.0 19.4



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

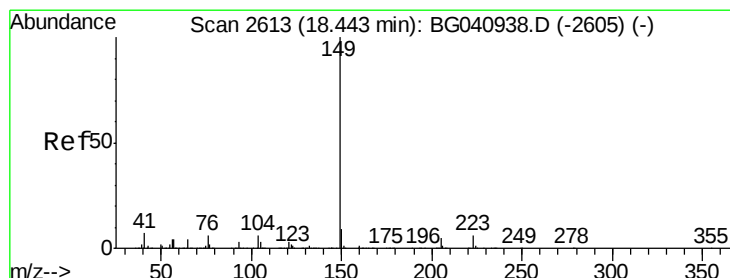
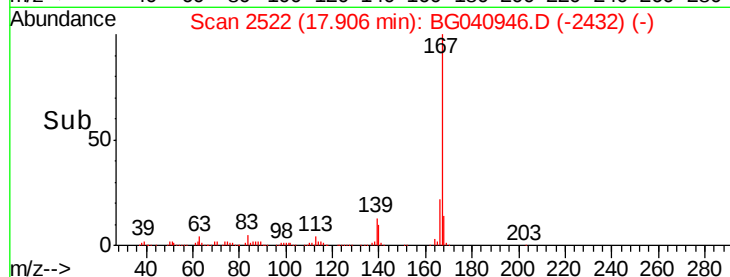
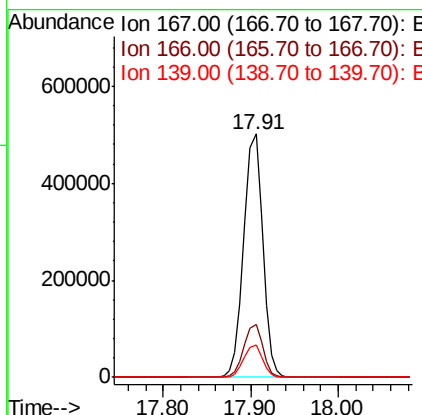
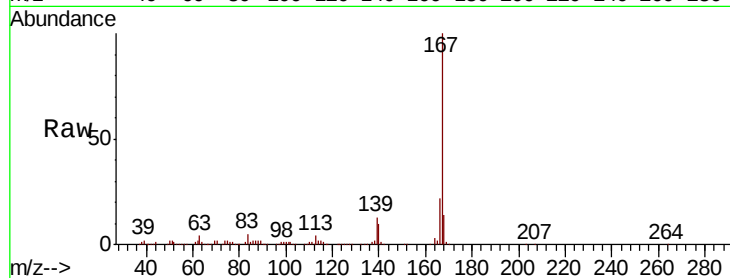




#73
 Carbazole
 Concen: 36.234 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

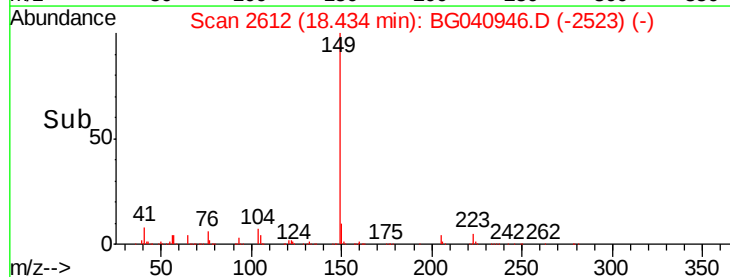
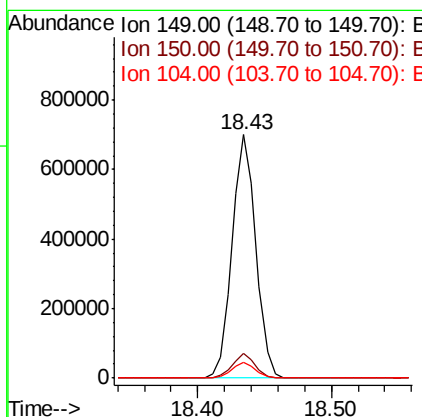
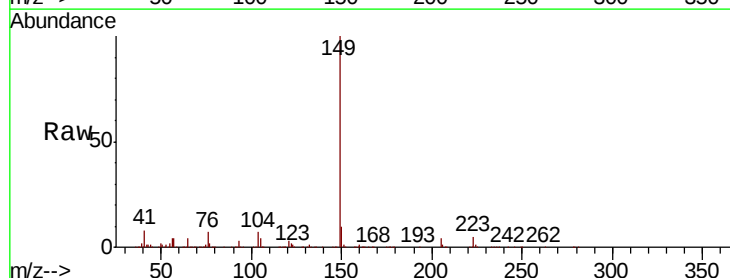
Instrument :
 BNA_G
 ClientSampleId :

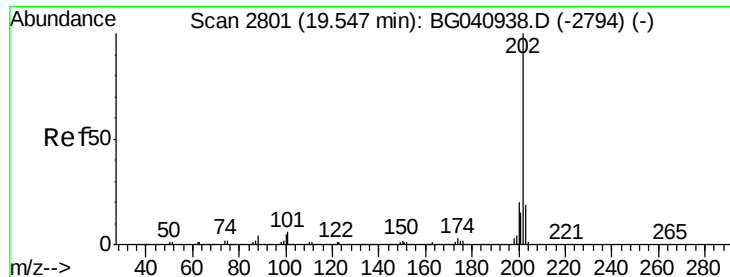
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 34.507 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040946.D
 Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 36.197 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

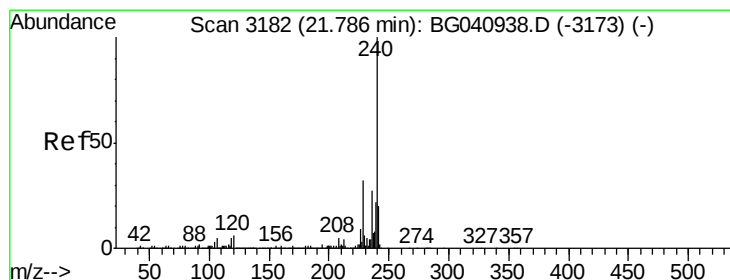
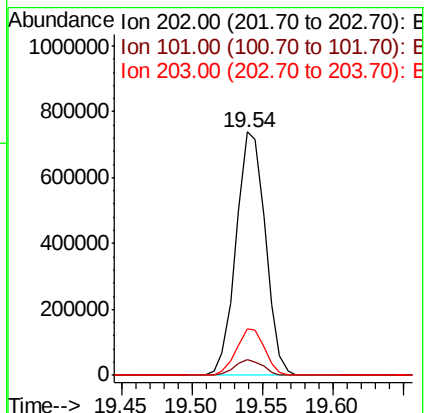
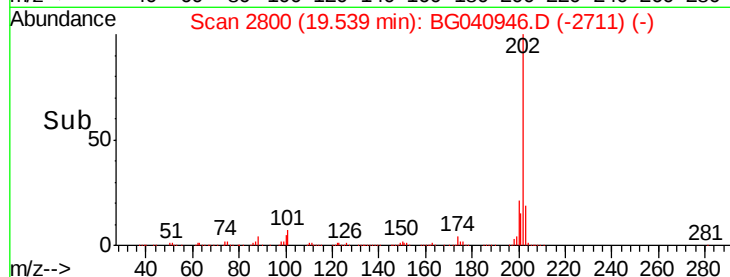
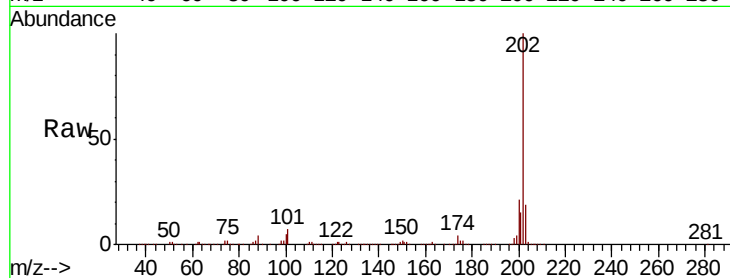
Tot Ion:202 Resp: 1069702

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.2

203 19.3 0.0 38.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

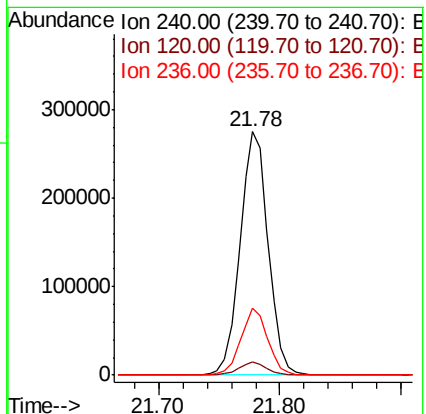
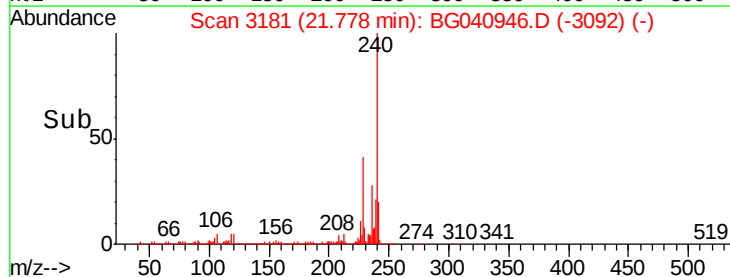
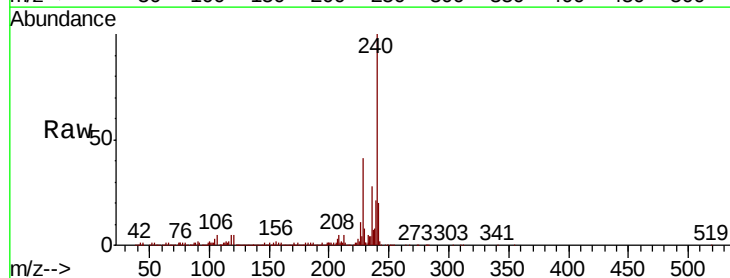
Tgt Ion:240 Resp: 444559

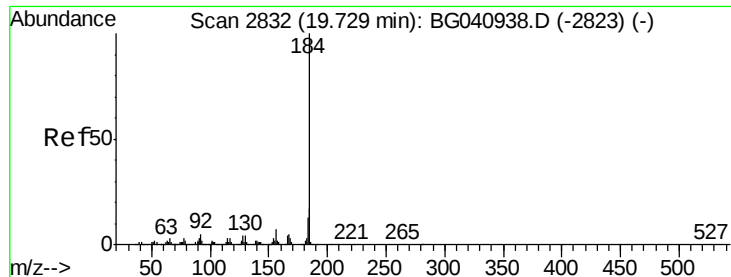
Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

236 27.8 21.3 31.9





#77

Benzidine

Concen: 70.024 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

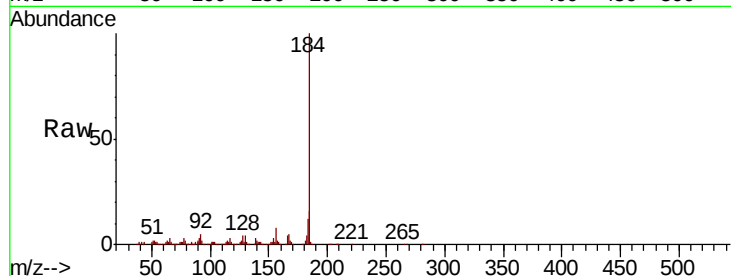
Tot Ion:184 Resp: 742609

Ion Ratio Lower Upper

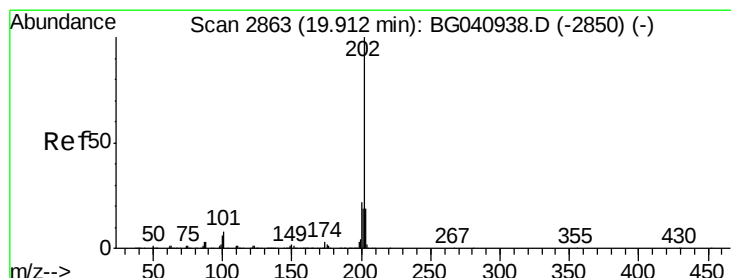
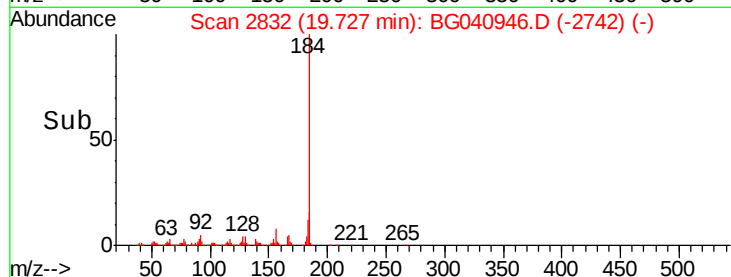
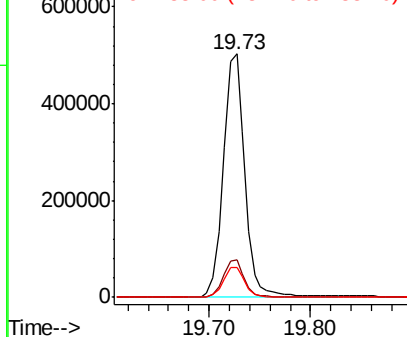
184 100

185 15.6 13.3 19.9

183 12.5 10.7 16.1



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



#78

Pyrene

Concen: 36.718 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

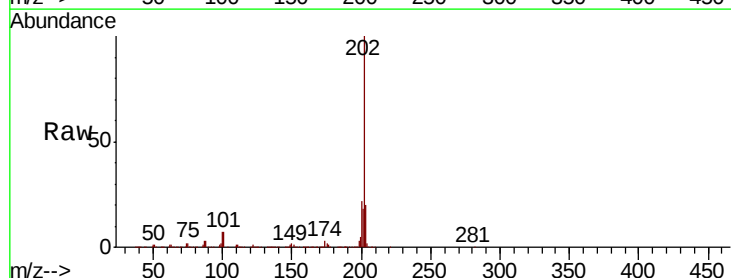
Tgt Ion:202 Resp: 1061113

Ion Ratio Lower Upper

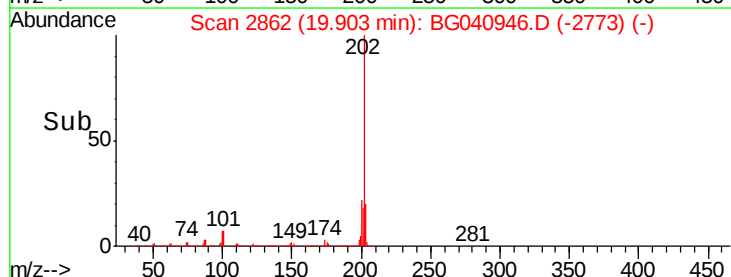
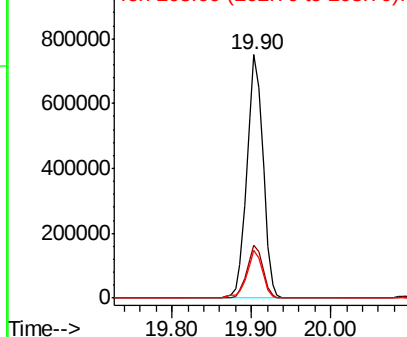
202 100

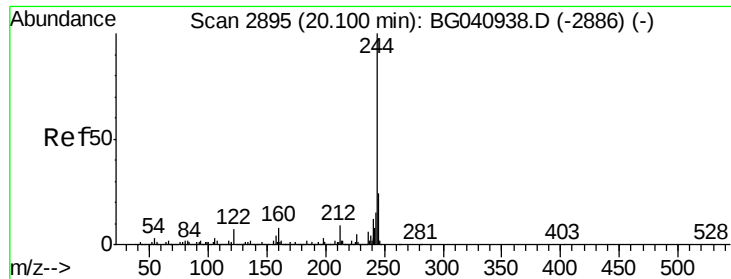
200 21.8 17.5 26.3

203 19.6 15.6 23.4



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





#79

Terphenyl-d14

Concen: 84.396 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

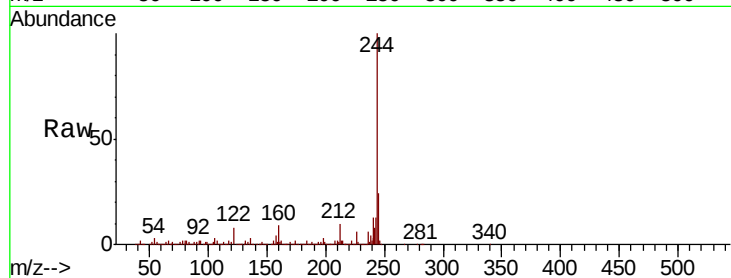
Tot Ion:244 Resp: 1767806

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.4

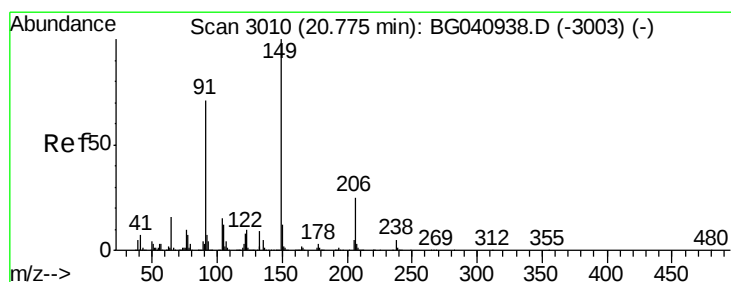
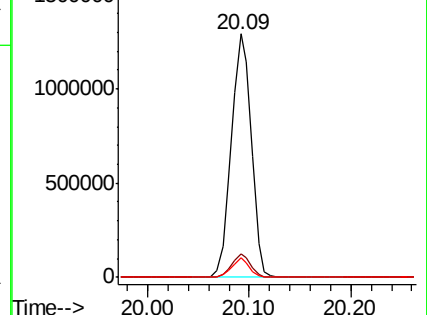
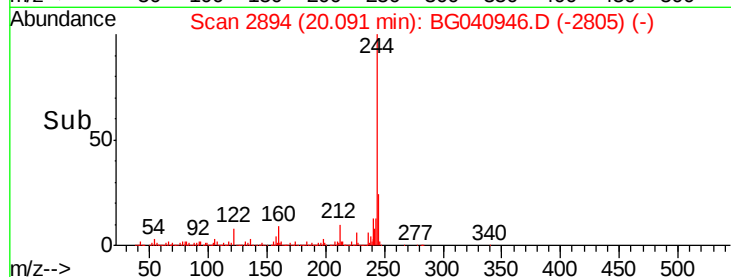
122 7.9 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.409 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

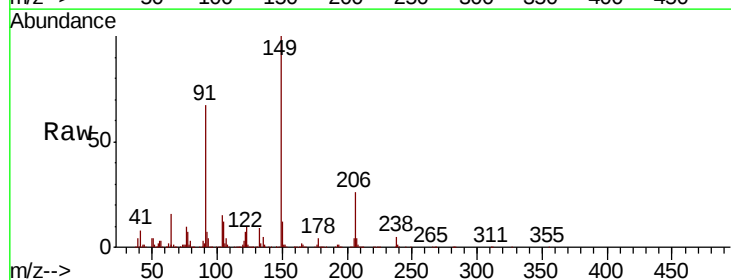
Tgt Ion:149 Resp: 398222

Ion Ratio Lower Upper

149 100

91 67.2 56.5 84.7

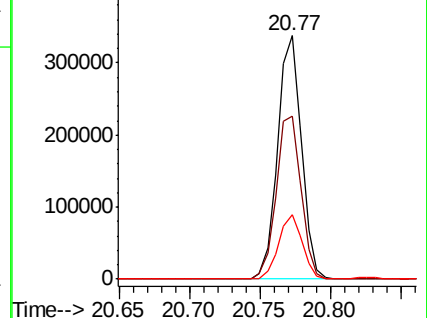
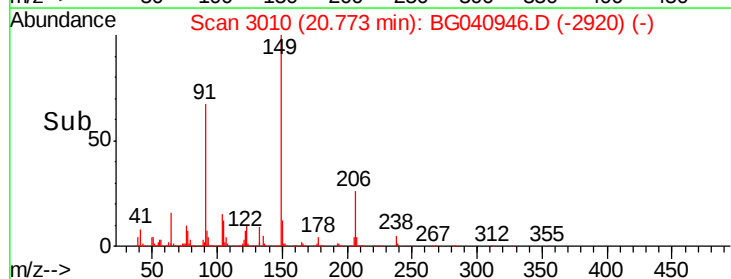
206 26.3 20.3 30.5

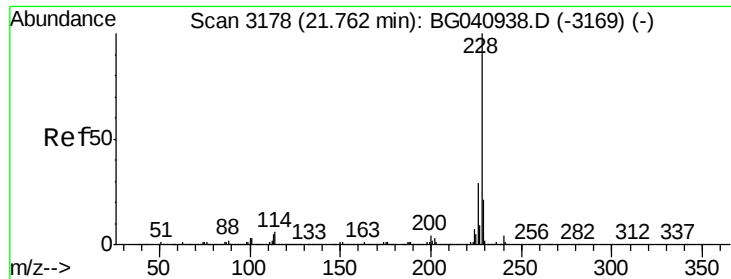


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.825 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

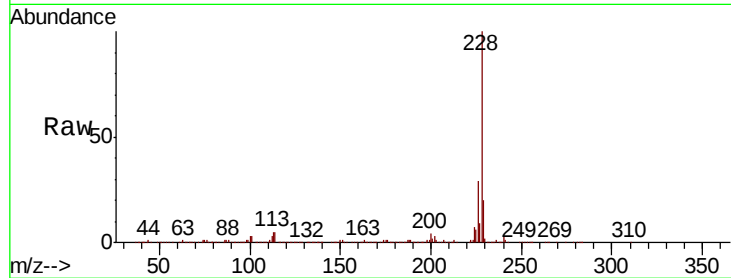
Tot Ion:228 Resp: 1030549

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.5	35.3
229	20.1	16.7	25.1

228 100

226 28.8 23.5 35.3

229 20.1 16.7 25.1



Abundance

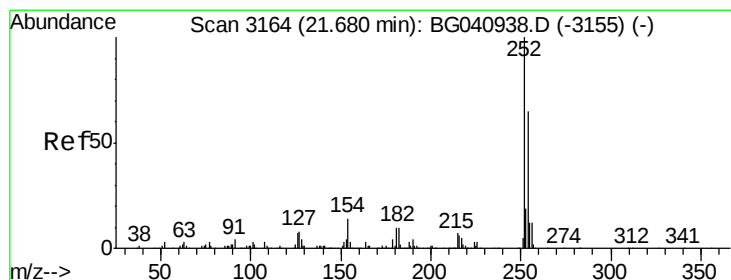
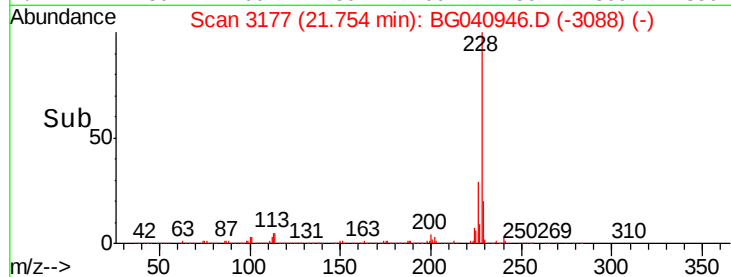
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.75

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 23.810 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

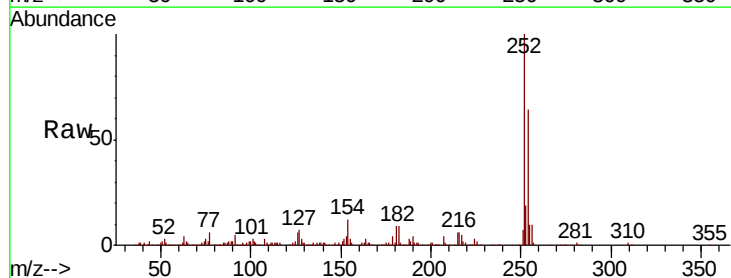
Tgt Ion:252 Resp: 247825

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	5.6	5.5	8.3

252 100

254 63.9 52.1 78.1

126 5.6 5.5 8.3



Abundance

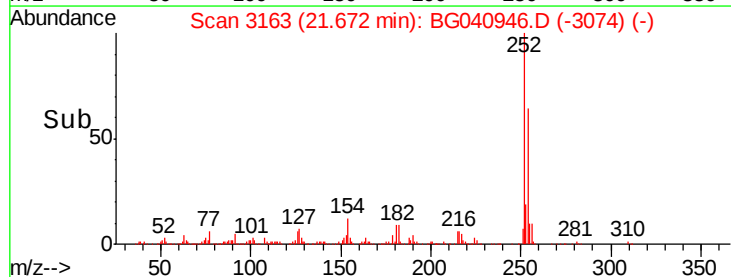
Ion 252.00 (251.70 to 252.70): E

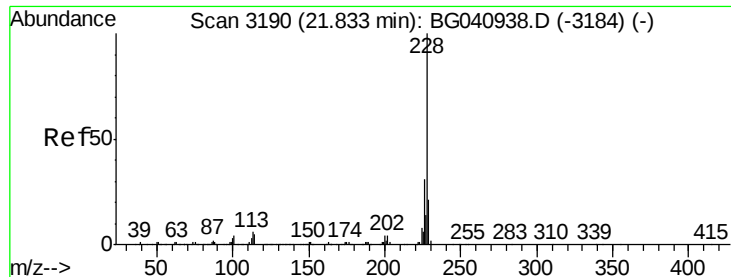
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.67

Time-->





#83

Chrysene

Concen: 35.467 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

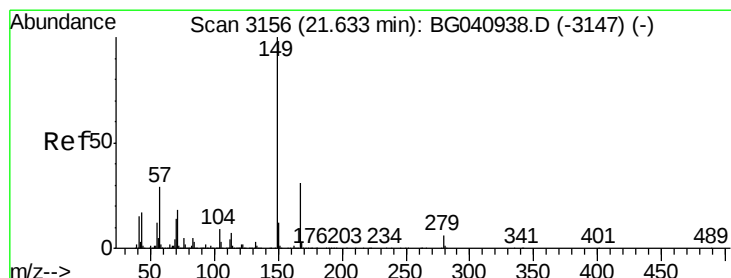
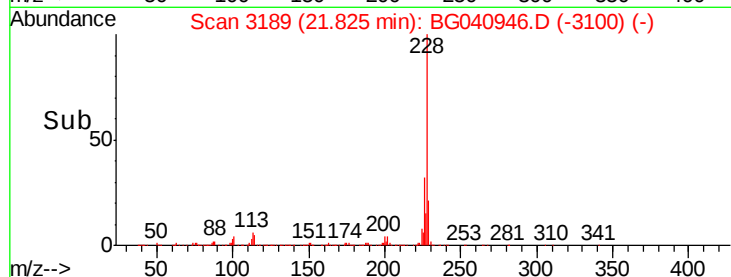
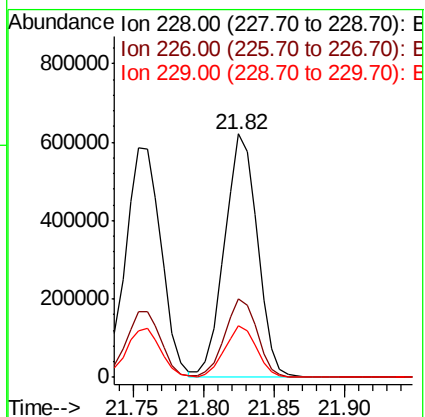
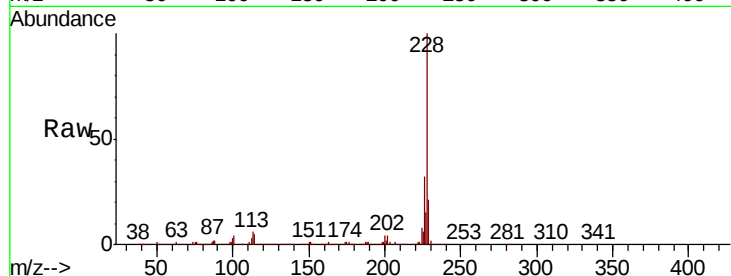
Tot Ion:228 Resp: 1004390

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	21.0	16.6	24.8

228 100

226 32.5 24.6 37.0

229 21.0 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.453 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

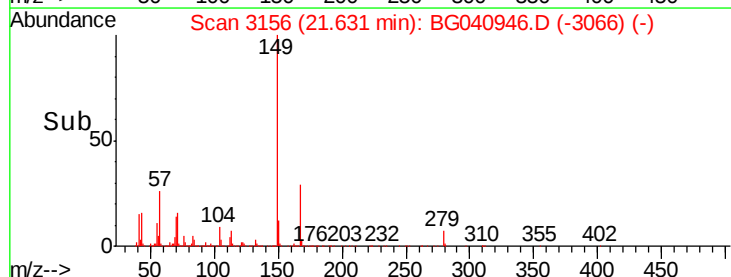
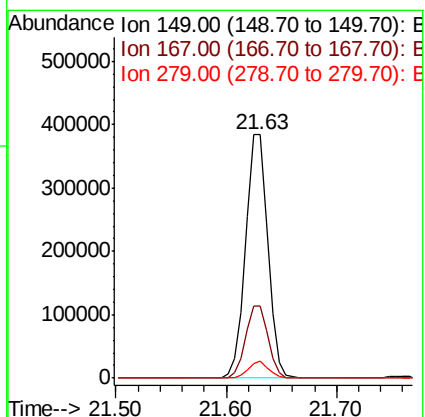
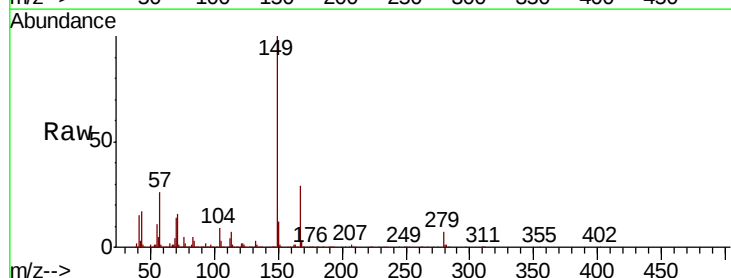
Tgt Ion:149 Resp: 545452

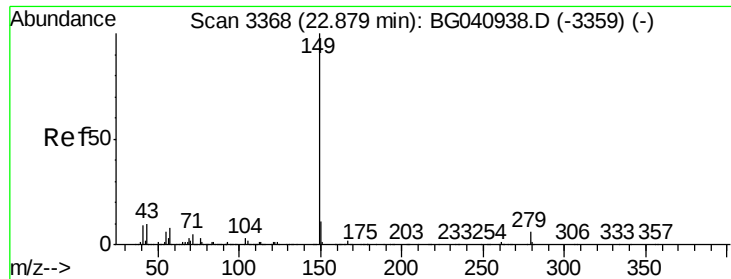
Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.6	37.0
279	6.8	5.0	7.6

149 100

167 29.4 24.6 37.0

279 6.8 5.0 7.6

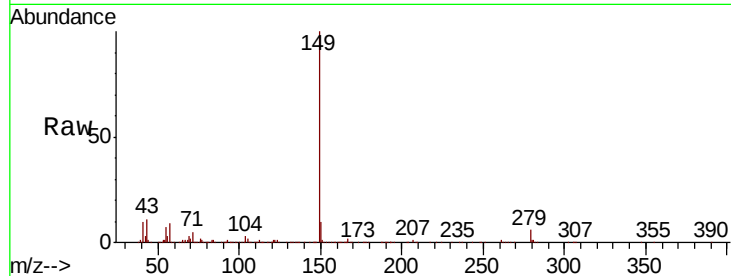




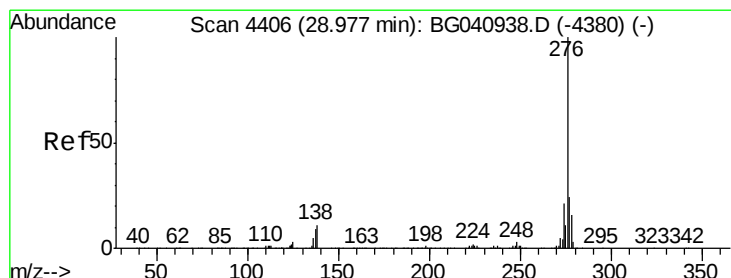
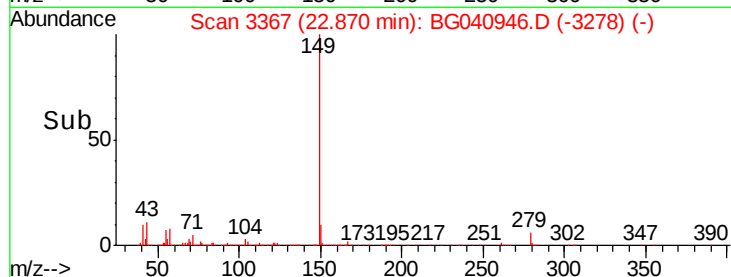
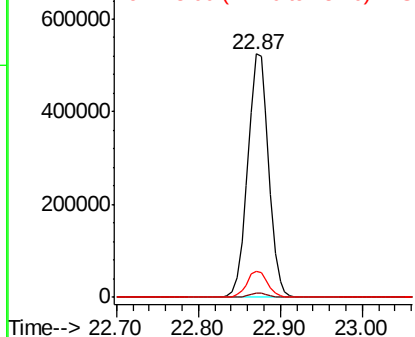
#85
Di-n-octyl phthalate
Concen: 35.343 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.6	8.1	12.1

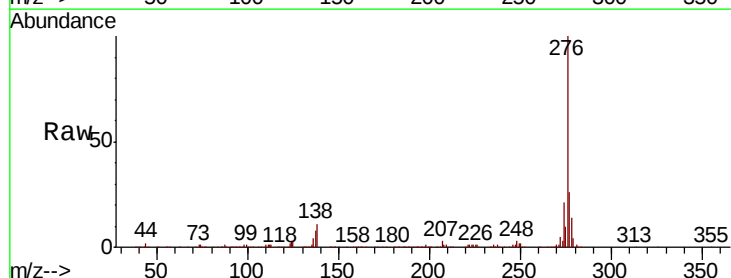


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

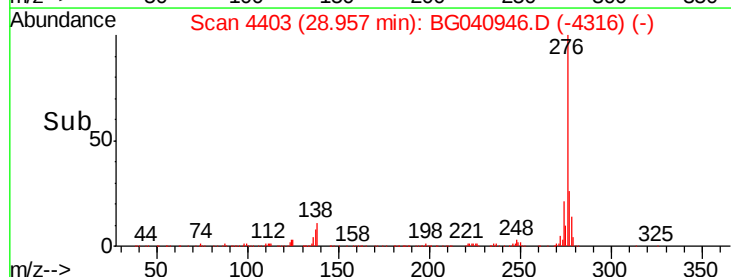
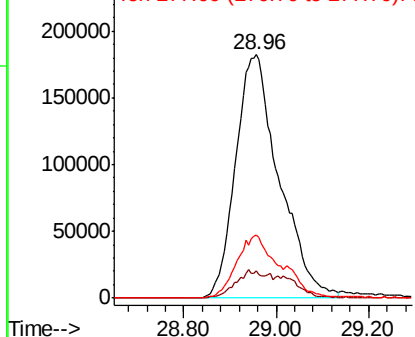


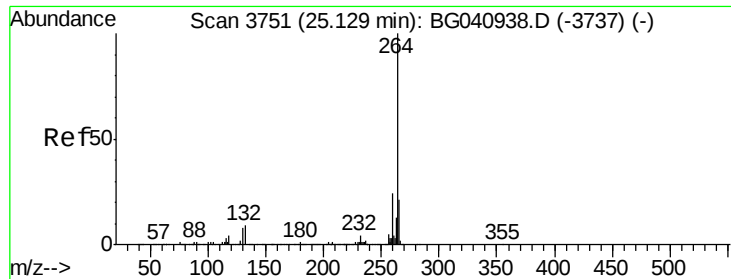
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.420 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.02 min
Lab File: BG040946.D
Acq: 30 May 2019 11:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.0	5.7	8.5
277	21.4	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampleId :

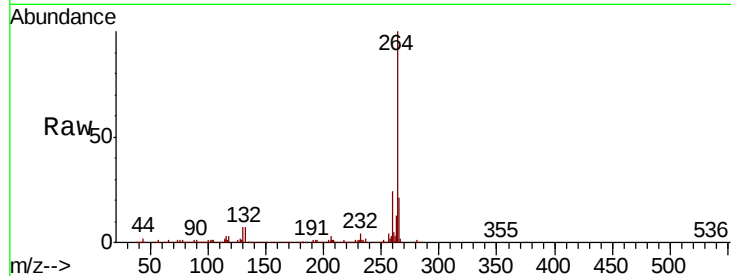
Tot Ion:264 Resp: 466196

Ion Ratio Lower Upper

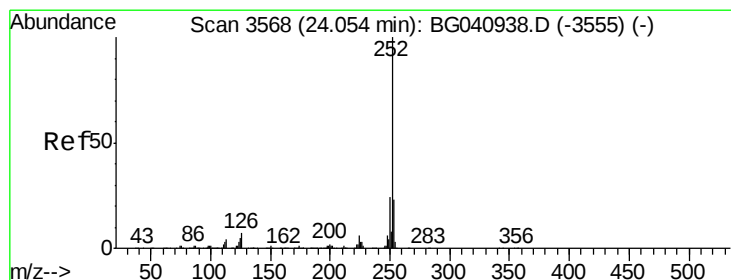
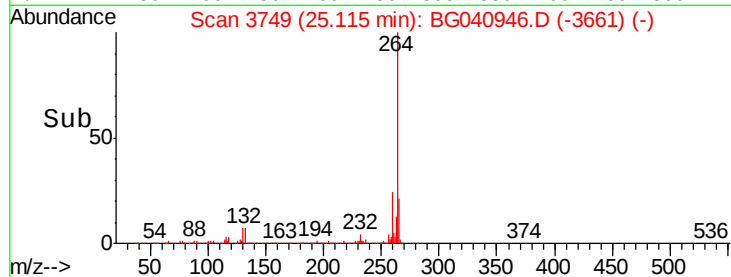
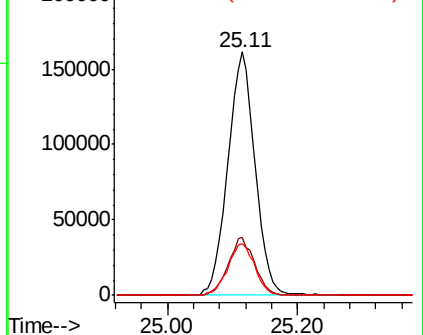
264 100

260 23.7 19.0 28.4

265 21.2 17.0 25.4



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



#88

Benzo(b)fluoranthene

Concen: 36.742 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

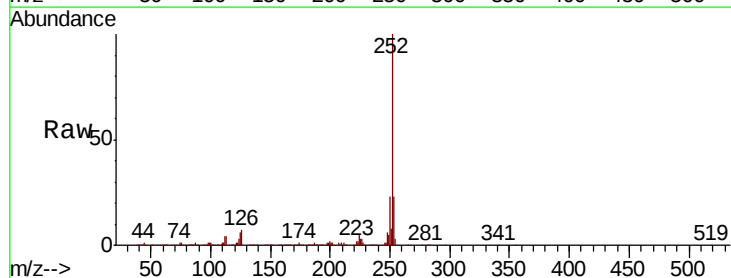
Tgt Ion:252 Resp: 1038936

Ion Ratio Lower Upper

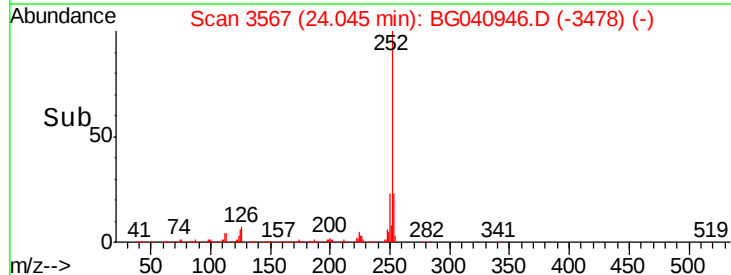
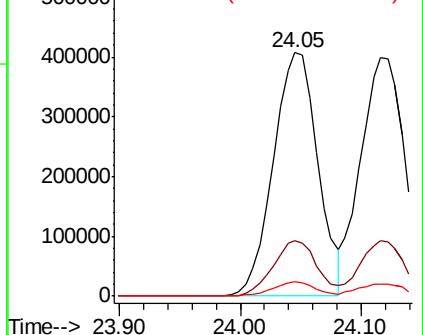
252 100

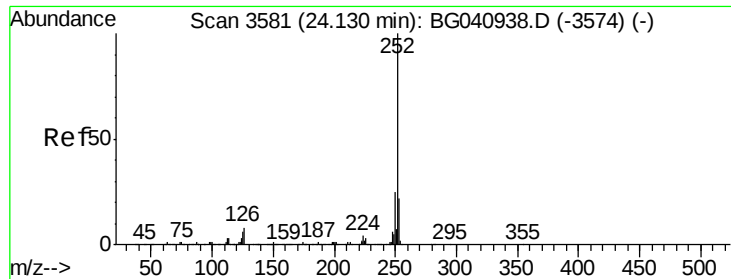
253 22.7 18.4 27.6

125 5.8 4.3 6.5



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: 36.179 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

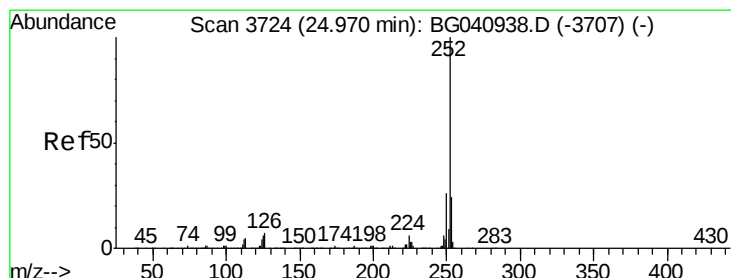
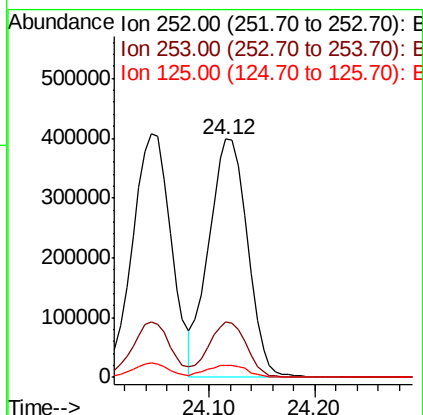
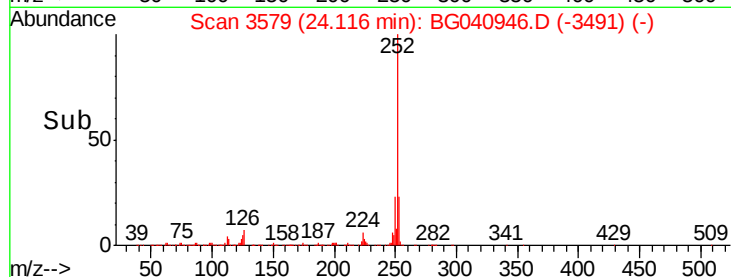
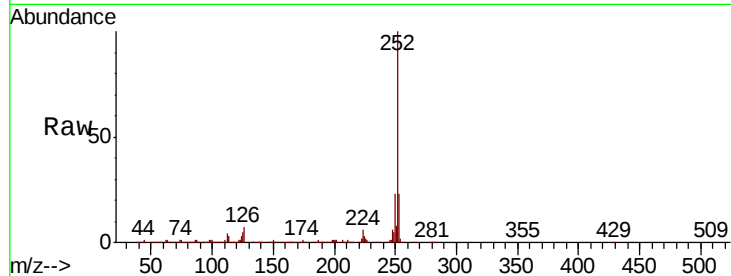
Tot Ion:252 Resp: 1012333

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 4.9 4.7 7.1



#90

Benzo(a)pyrene

Concen: 37.634 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

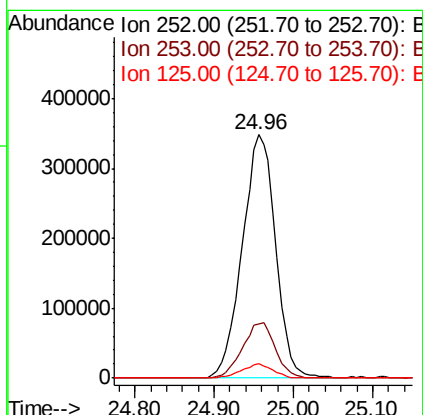
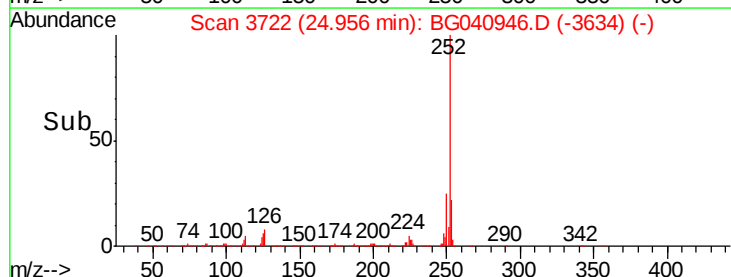
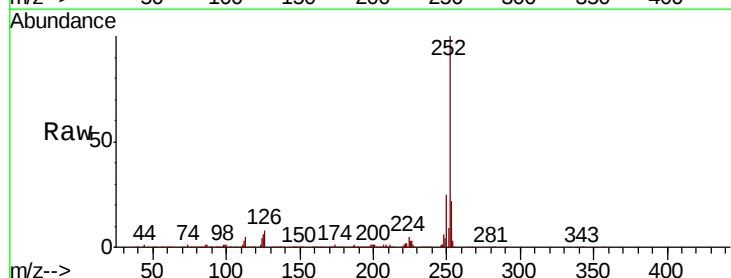
Tgt Ion:252 Resp: 1015271

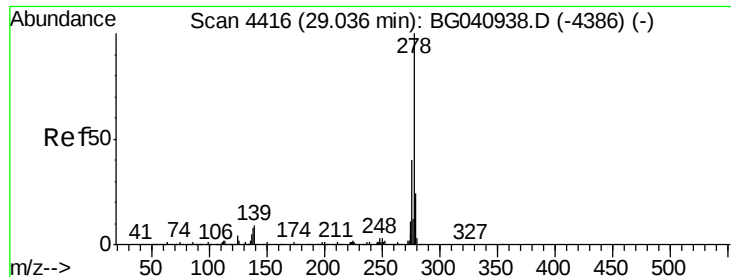
Ion Ratio Lower Upper

252 100

253 22.1 19.5 29.3

125 6.1 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 36.840 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.01 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

Instrument :

BNA_G

ClientSampled :

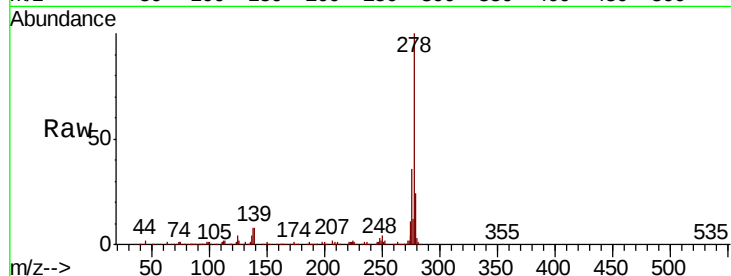
Tot Ion:278 Resp: 993074

Ion Ratio Lower Upper

278 100

139 7.8 7.1 10.7

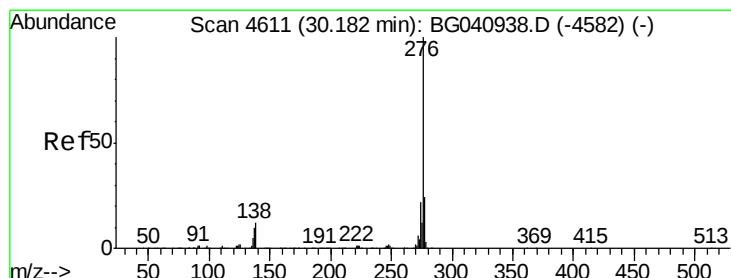
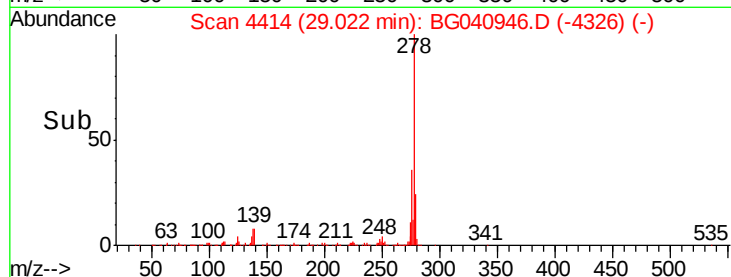
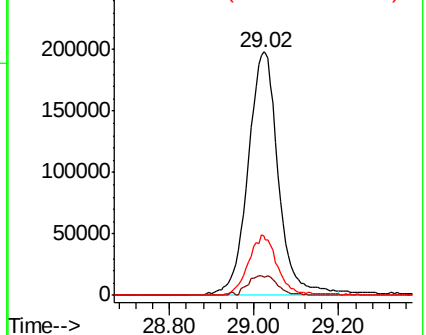
279 24.5 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.016 ng

RT: 30.16 min Scan# 4608

Delta R.T. -0.02 min

Lab File: BG040946.D

Acq: 30 May 2019 11:19

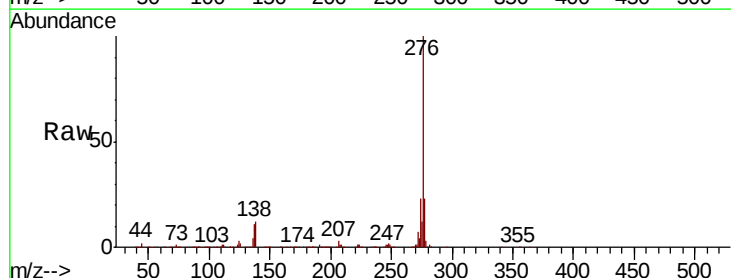
Tgt Ion:276 Resp: 969410

Ion Ratio Lower Upper

276 100

277 22.5 19.4 29.0

138 11.8 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

