

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
 Data File : BG040669.D
 Acq On : 29 Apr 2019 19:49
 Operator : JU/SJ
 Sample : PB119049BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 01:48:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44668	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	177902	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	123432	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	331531	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	388195	20.00	ng	-0.01
87) Perylene-d12	25.18	264	378376	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	219976	86.81	ng	0.00
7) Phenol-d6	7.29	99	317433	81.36	ng	0.00
23) Nitrobenzene-d5	9.33	82	300694	78.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	147953	87.21	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	627008	73.36	ng	-0.01
79) Terphenyl-d14	20.12	244	1328202	75.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	49910	43.309	ng	92
3) Pyridine	3.96	79	123194	36.881	ng	94
4) n-Nitrosodimethylamine	3.87	42	69533	37.530	ng	87
6) Aniline	7.47	93	128811	24.908	ng	96
8) 2-Chlorophenol	7.71	128	126341	40.833	ng	94
9) Benzaldehyde	7.29	77	32369	9.378	ng	94
10) Phenol	7.32	94	181201	43.205	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	117773	37.447	ng	97
12) 1,3-Dichlorobenzene	8.03	146	131976	39.079	ng	99
13) 1,4-Dichlorobenzene	8.19	146	135309	39.523	ng	98
14) 1,2-Dichlorobenzene	8.51	146	126612	38.349	ng	96
15) Benzyl Alcohol	8.39	79	149601	36.851	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	221202	35.327	ng	98
17) 2-Methylphenol	8.58	107	122179	41.165	ng	93
18) Hexachloroethane	9.24	117	51607	36.748	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	118185	33.650	ng	97
20) 3+4-Methylphenols	8.91	107	165836	40.108	ng	99
22) Acetophenone	8.98	105	202106	40.854	ng	# 97
24) Nitrobenzene	9.37	77	177453	43.198	ng	97
25) Isophorone	9.89	82	322545	37.609	ng	96
26) 2-Nitrophenol	10.09	139	69876	47.454	ng	98
27) 2,4-Dimethylphenol	10.12	122	134728	48.764	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	170595	39.647	ng	95
29) 2,4-Dichlorophenol	10.61	162	141336	44.997	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	144703	41.544	ng	96
31) Naphthalene	11.03	128	384683	40.701	ng	98
32) Benzoic acid	10.24	122	93264	49.310	ng	94
33) 4-Chloroaniline	11.13	127	82057	19.582	ng	97
34) Hexachlorobutadiene	11.30	225	106437	41.391	ng	94
35) Caprolactam	11.91	113	34561	27.870	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	170938	43.140	ng	96
37) 2-Methylnaphthalene	12.62	142	289985	41.036	ng	100
38) 1-Methylnaphthalene	12.84	142	272167	39.403	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	191555	41.659	ng	99

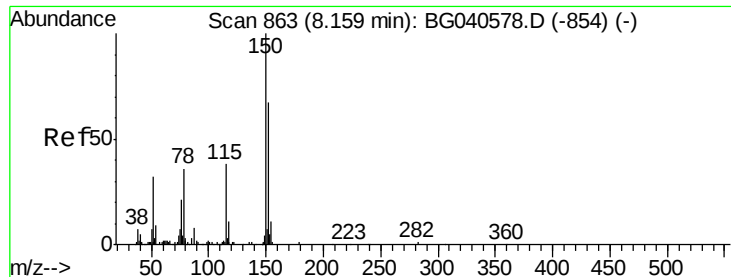
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042919\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	241230	88.907	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	129667	46.665	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	142282	47.005	ng	99
46) 1,1'-Biphenyl	13.62	154	385922	40.270	ng	94
47) 2-Chloronaphthalene	13.66	162	308711	41.162	ng	100
48) 2-Nitroaniline	13.87	65	135948	50.923	ng	96
49) Acenaphthylene	14.51	152	500932	39.368	ng	99
50) Dimethylphthalate	14.23	163	428099	41.453	ng	99
51) 2,6-Dinitrotoluene	14.36	165	94609	46.939	ng	94
52) Acenaphthene	14.84	154	296244	39.978	ng	95
53) 3-Nitroaniline	14.69	138	68192	33.020	ng	85
54) 2,4-Dinitrophenol	14.89	184	103800	90.320	ng	# 83
55) Dibenzofuran	15.18	168	502083	41.367	ng	98
56) 4-Nitrophenol	14.97	139	170222	95.057	ng	95
57) 2,4-Dinitrotoluene	15.14	165	137555	50.224	ng	97
58) Fluorene	15.83	166	402814	41.061	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.40	232	153719	50.454	ng	98
60) Diethylphthalate	15.58	149	450186	41.316	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	245134	42.963	ng	97
62) 4-Nitroaniline	15.85	138	106276	46.004	ng	98
63) Azobenzene	16.11	77	454808	40.530	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	73992	45.695	ng	97
66) n-Nitrosodiphenylamine	16.03	169	375737	38.521	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	162891	39.437	ng	99
68) Hexachlorobenzene	16.82	284	169218	39.621	ng	99
69) Atrazine	16.97	200	241309	62.443	ng	98
70) Pentachlorophenol	17.16	266	228179	91.302	ng	99
71) Phenanthrene	17.57	178	735416	41.183	ng	99
72) Anthracene	17.66	178	747522	41.646	ng	98
73) Carbazole	17.93	167	684961	41.885	ng	99
74) Di-n-butylphthalate	18.47	149	832332	42.169	ng	99
75) Fluoranthene	19.57	202	994349	44.684	ng	99
77) Benzidine	19.75	184	374339	35.219	ng	100
78) Pyrene	19.93	202	1002444	41.201	ng	99
80) Butylbenzylphthalate	20.80	149	393977	41.546	ng	98
81) Benzo(a)anthracene	21.79	228	959538	39.110	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	226619	25.915	ng	# 96
83) Chrysene	21.86	228	937657	40.186	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	537968	39.301	ng	98
85) Di-n-octyl phthalate	22.93	149	919734	39.896	ng	99
86) Indeno(1,2,3-cd)pyrene	29.06	276	1137500	40.322	ng	# 92
88) Benzo(b)fluoranthene	24.10	252	978922	42.337	ng	99
89) Benzo(k)fluoranthene	24.17	252	941989	43.623	ng	98
90) Benzo(a)pyrene	25.02	252	950911	43.447	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	920629	41.566	ng	98
92) Benzo(g,h,i)perylene	30.28	276	926559	42.034	ng	99

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

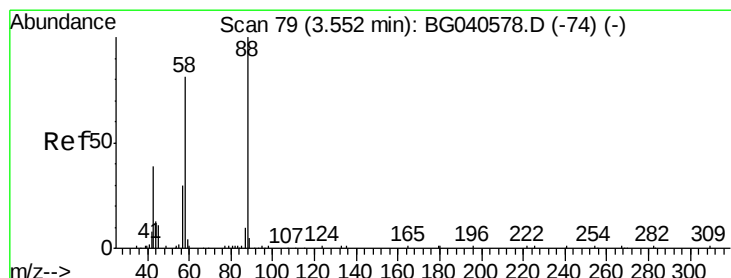
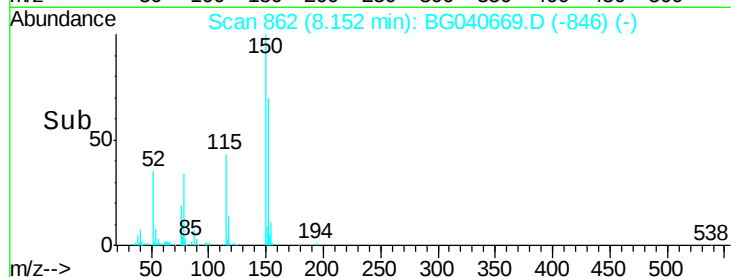
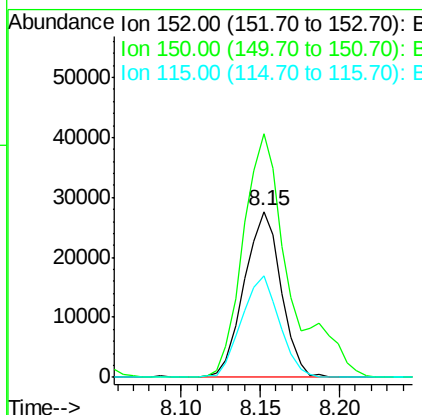
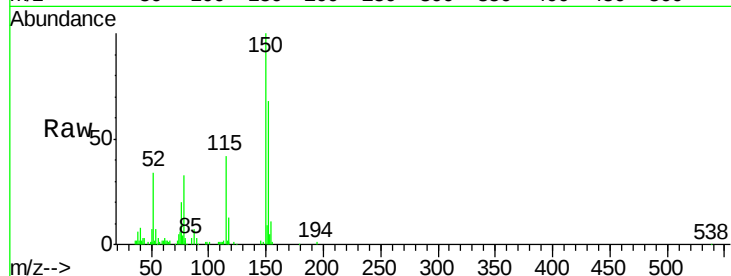


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Instrument :
BNA_G
ClientSampled :

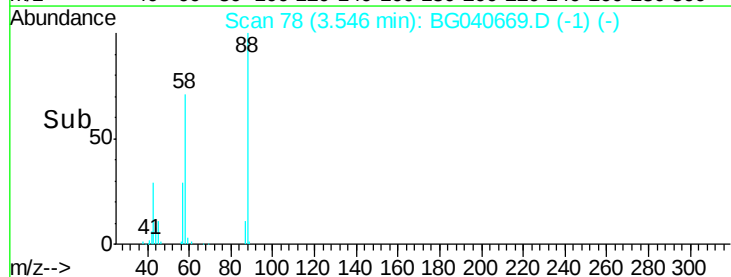
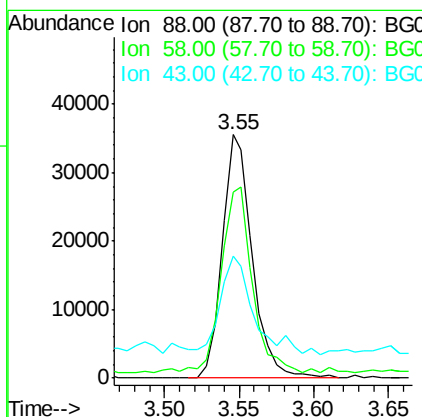
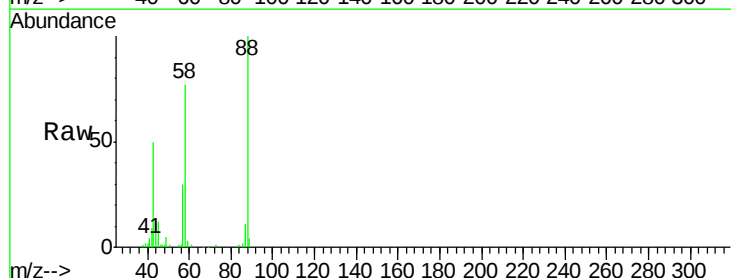
Tot Ion	152	Resp	44668
Ion Ratio	Lower	Upper	
152	100		
150	147.1	120.2	180.2
115	61.4	46.2	69.2

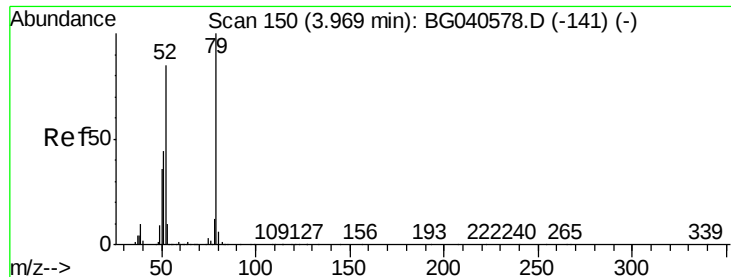


#2

1,4-Dioxane
Concen: 43.309 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion	88	Resp	49910
Ion Ratio	Lower	Upper	
88	100		
58	78.0	71.2	106.8
43	44.0	35.6	53.4





#3

Pvridine

Concen: 36.881 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

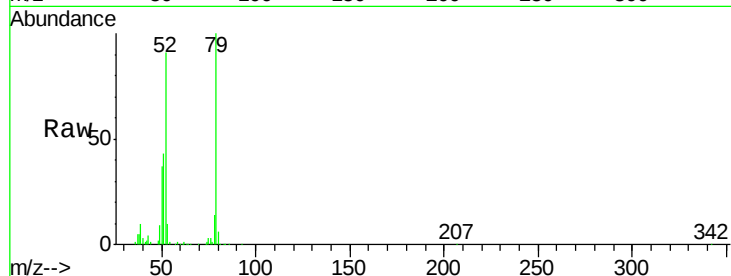
Tot Ion: 79 Resp: 123194

Ion Ratio Lower Upper

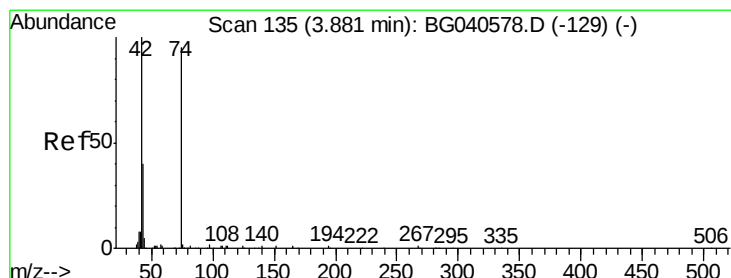
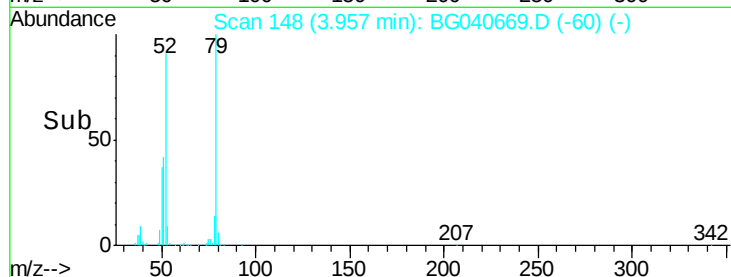
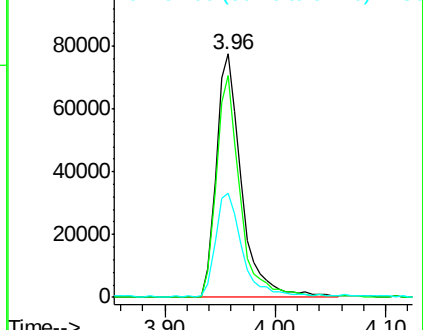
79 100

52 91.3 67.5 101.3

51 42.9 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 37.530 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

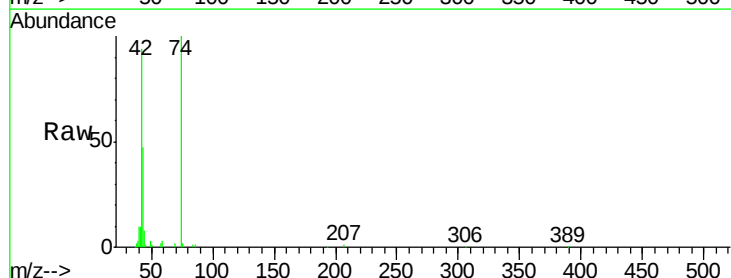
Tgt Ion: 42 Resp: 69533

Ion Ratio Lower Upper

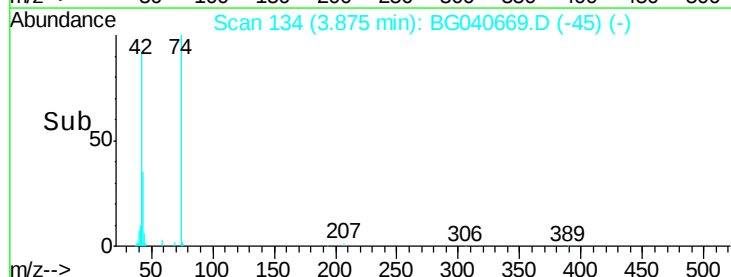
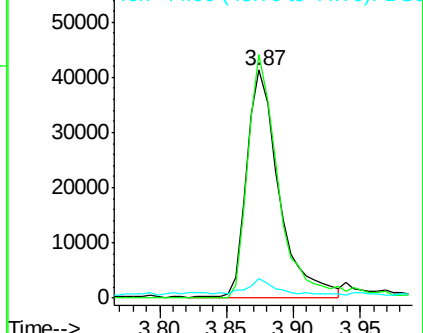
42 100

74 106.7 74.6 111.8

44 8.3 7.4 11.0



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: 86.811 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

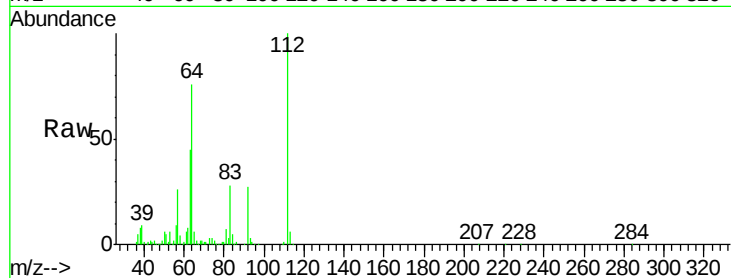
Tot Ion:112 Resp: 219976

Ion Ratio Lower Upper

112 100

64 75.5 61.4 92.0

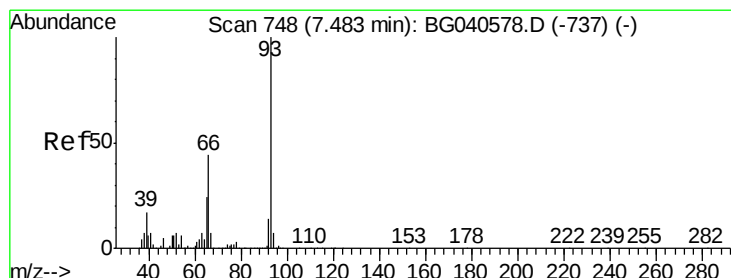
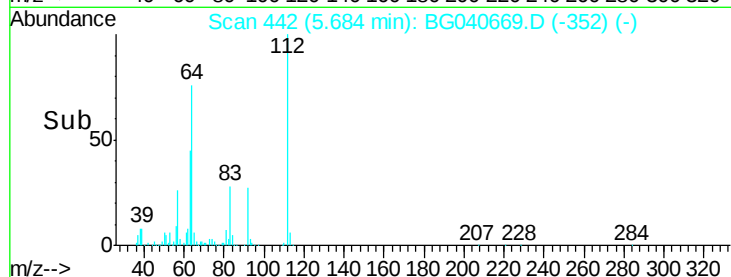
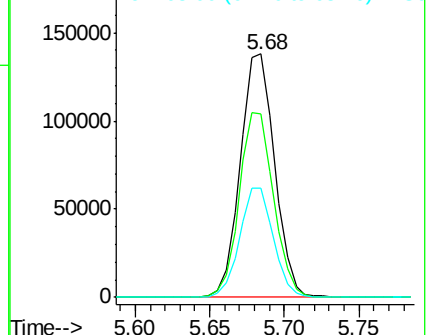
63 44.7 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.908 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

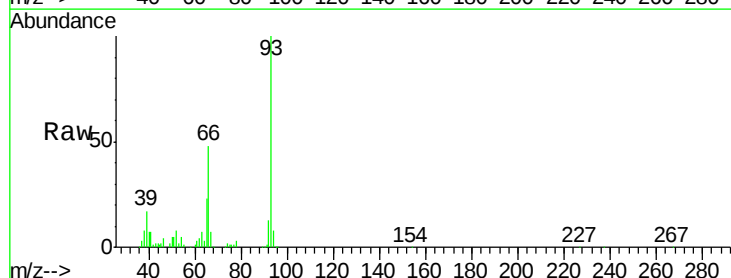
Tgt Ion: 93 Resp: 128811

Ion Ratio Lower Upper

93 100

66 47.7 35.5 53.3

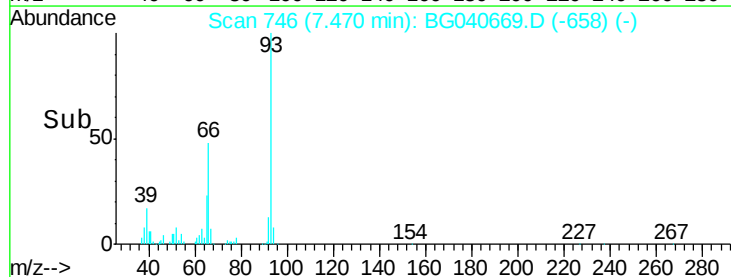
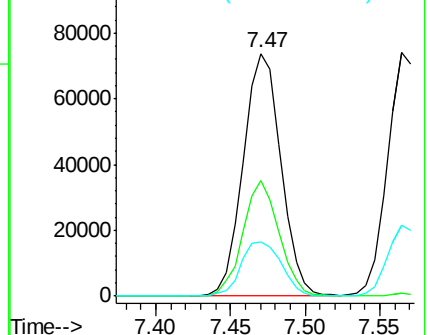
65 22.6 19.2 28.8

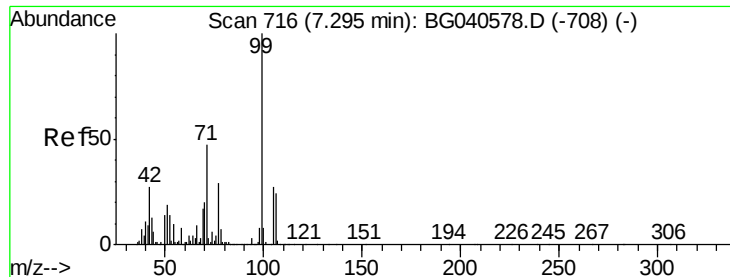


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.360 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

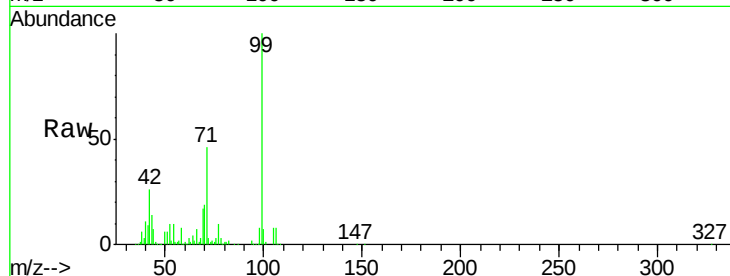
Tot Ion: 99 Resp: 317433

Ion Ratio Lower Upper

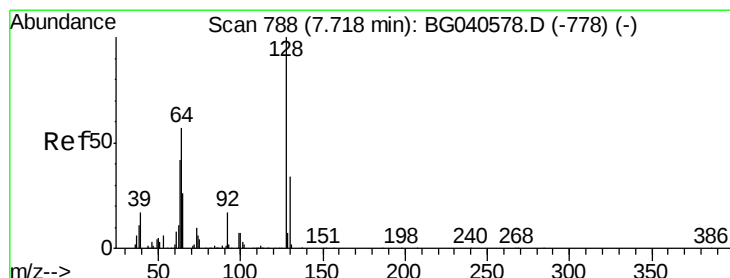
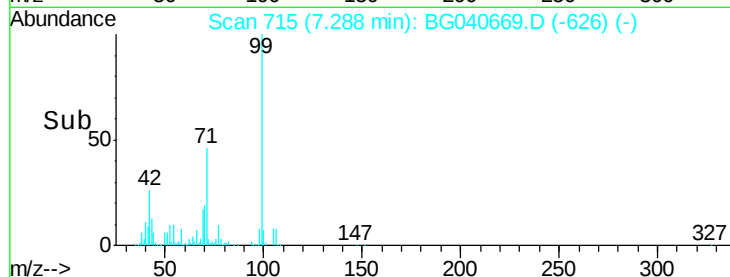
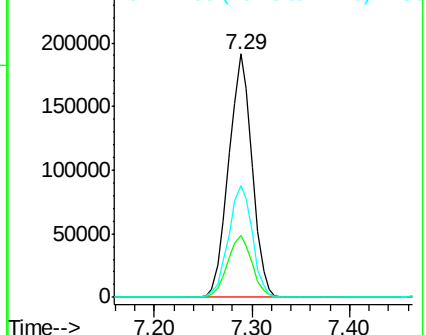
99 100

42 25.5 21.8 32.8

71 45.8 38.6 57.8



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



#8

2-Chlorophenol

Concen: 40.833 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

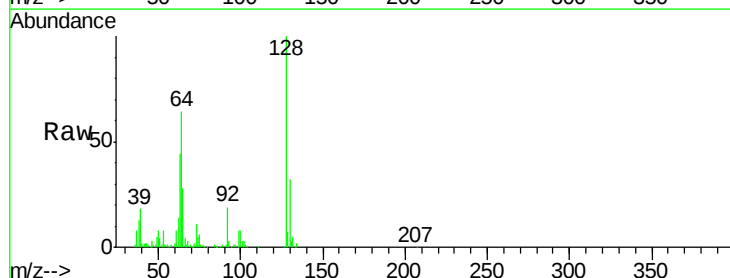
Tgt Ion: 128 Resp: 126341

Ion Ratio Lower Upper

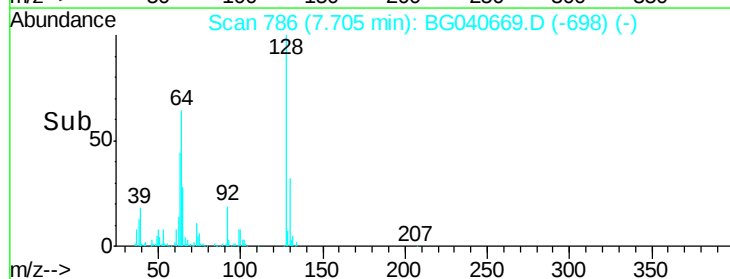
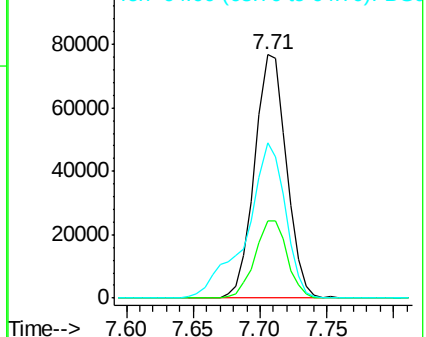
128 100

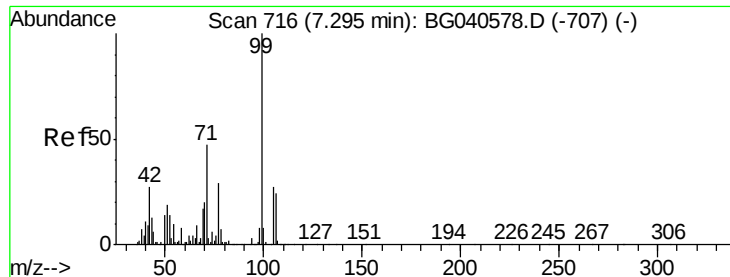
130 31.5 14.5 54.5

64 63.8 38.4 78.4



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





#9

Benzaldehyde

Concen: 9.378 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

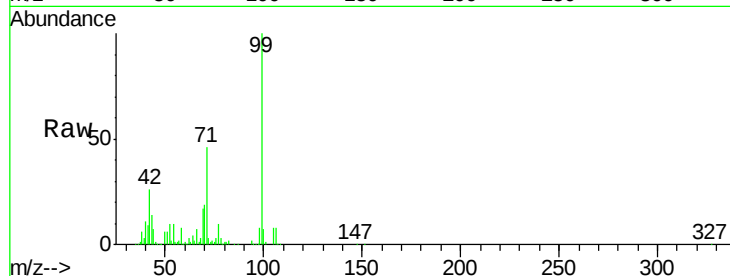
Tot Ion: 77 Resp: 32369

Ion Ratio Lower Upper

77 100

105 83.1 72.0 112.0

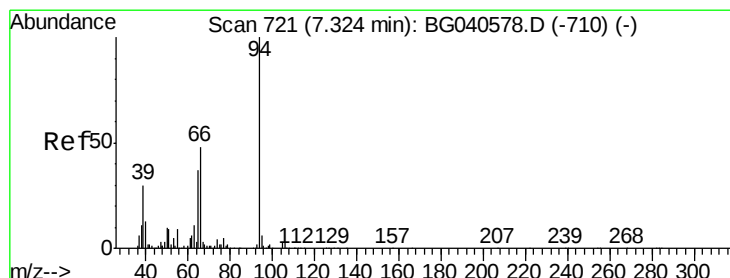
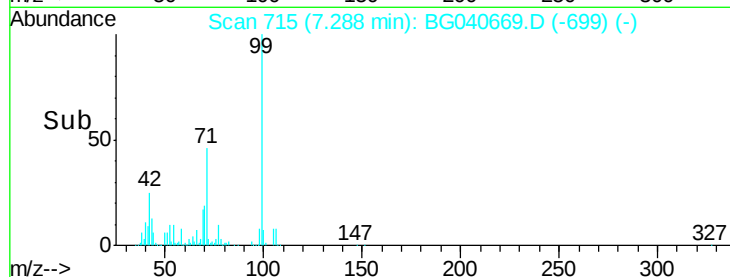
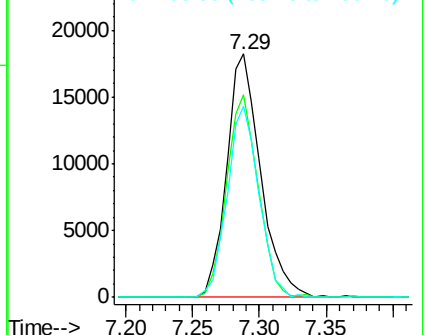
106 78.7 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.205 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

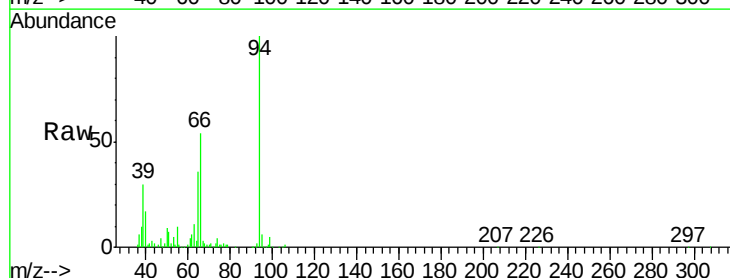
Tgt Ion: 94 Resp: 181201

Ion Ratio Lower Upper

94 100

65 35.6 17.0 57.0

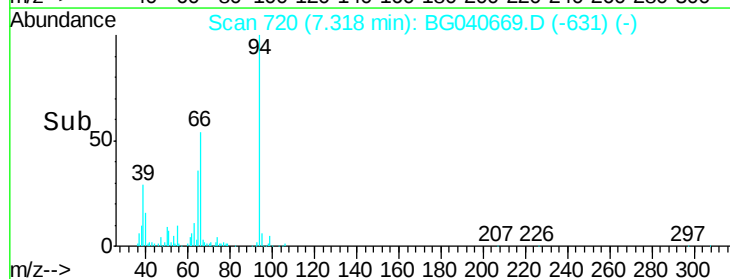
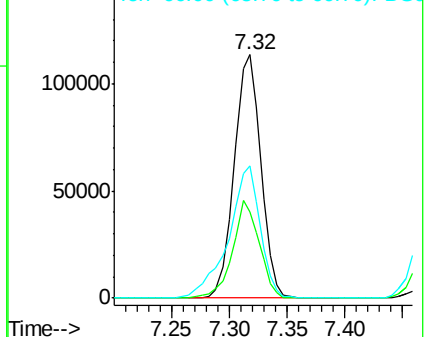
66 54.3 28.6 68.6

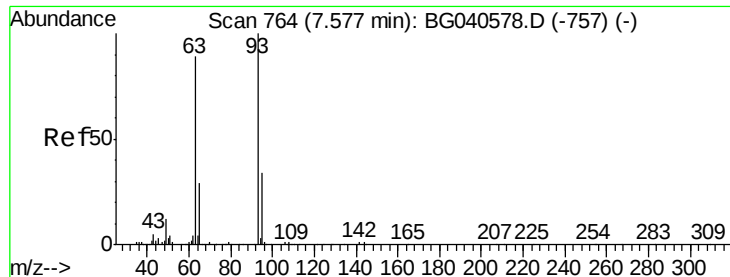


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

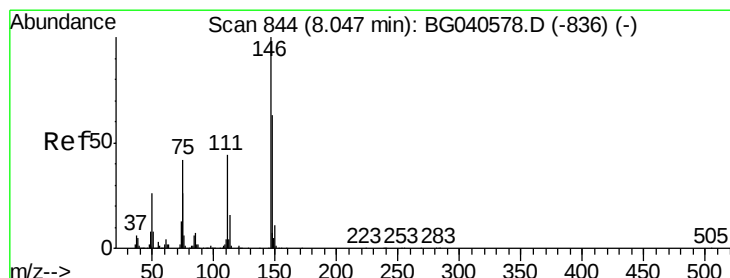
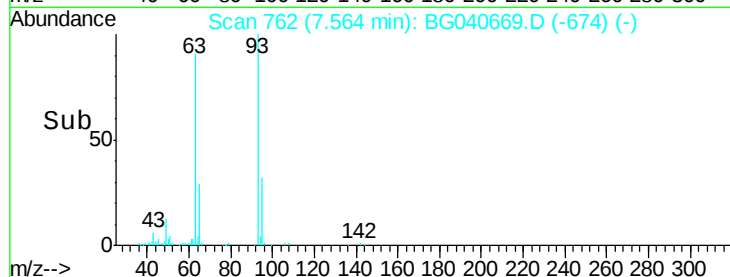
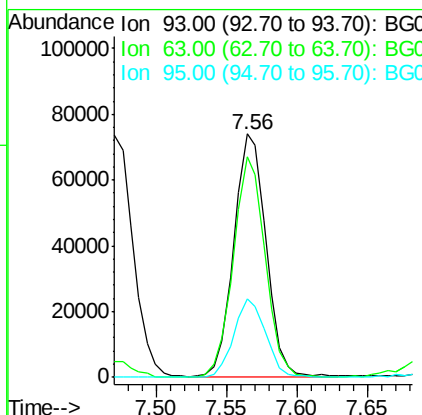
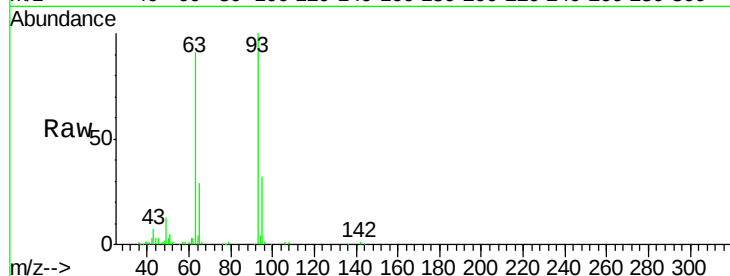




#11
bis(2-Chloroethyl)ether
Concen: 37.447 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

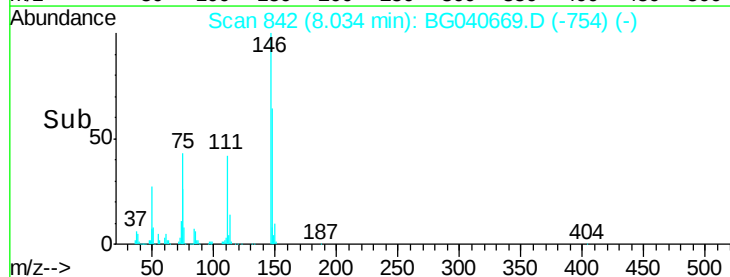
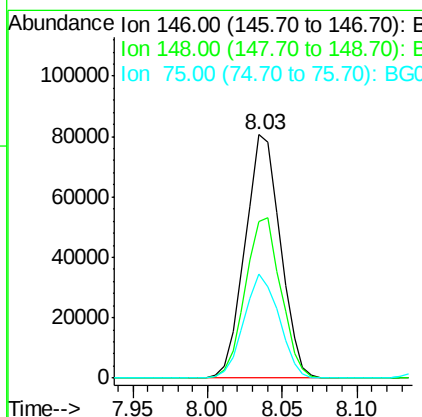
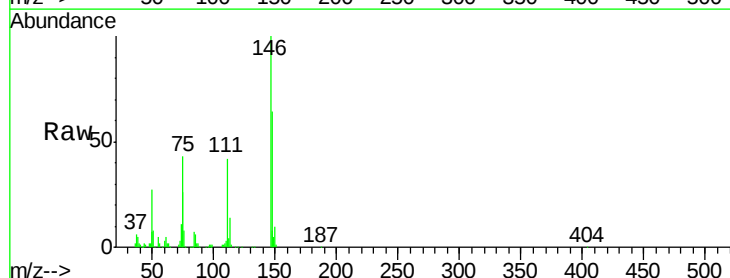
Instrument :
BNA_G
ClientSampled :

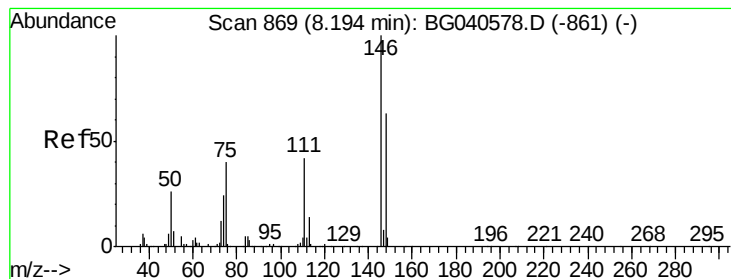
Tot Ion: 93 Resp: 117773
Ion Ratio Lower Upper
93 100
63 90.7 68.2 108.2
95 32.3 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 39.079 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion: 146 Resp: 131976
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 42.6 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 39.523 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

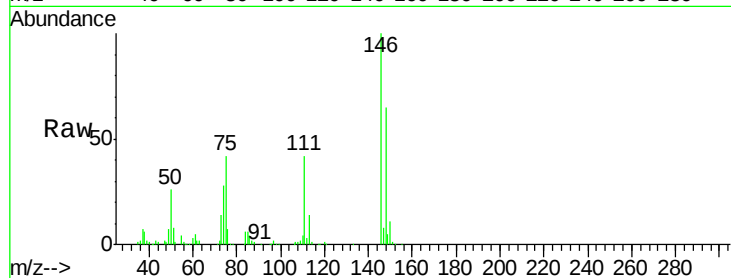
Tot Ion:146 Resp: 135309

Ion Ratio Lower Upper

146 100

148 65.4 50.6 75.8

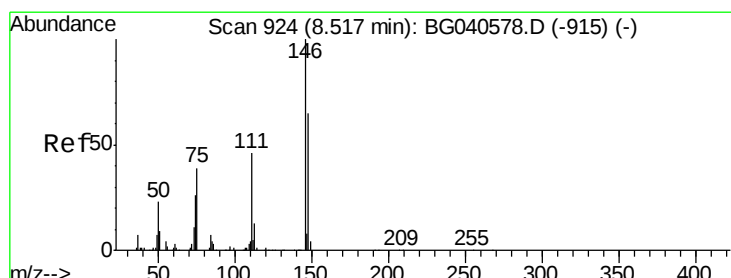
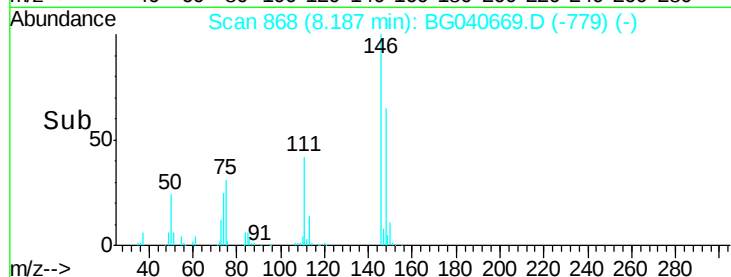
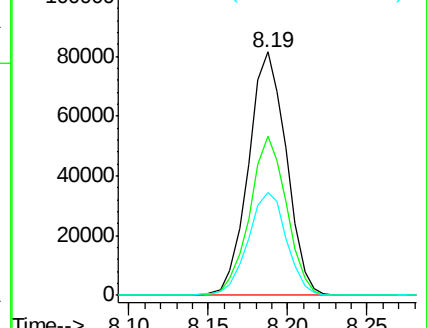
111 42.3 34.3 51.5



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: 38.349 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

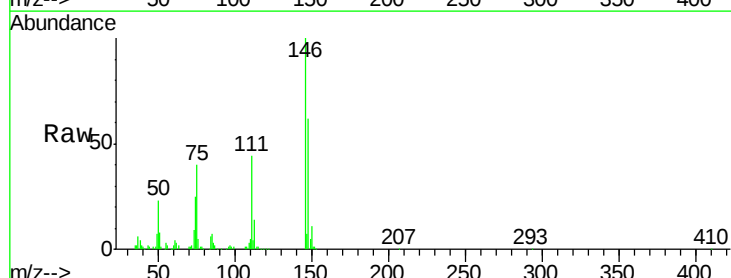
Tgt Ion:146 Resp: 126612

Ion Ratio Lower Upper

146 100

148 62.1 52.2 78.4

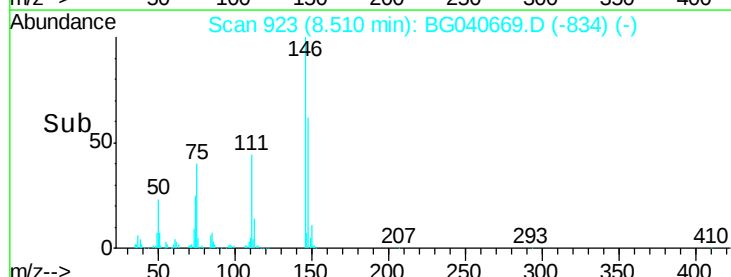
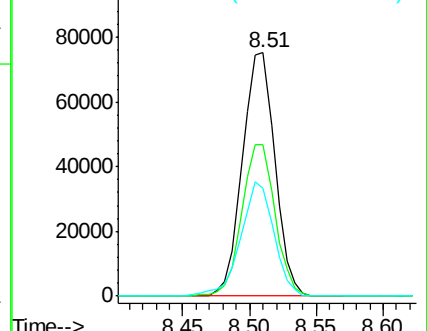
111 44.4 37.4 56.0

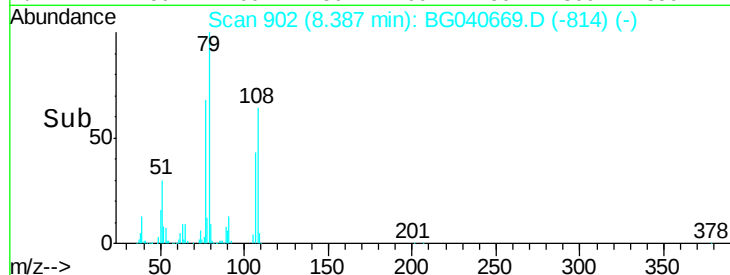
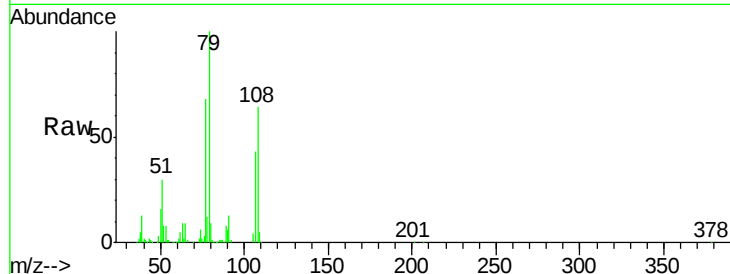
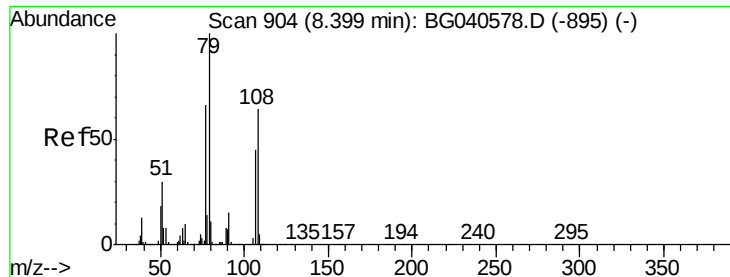


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

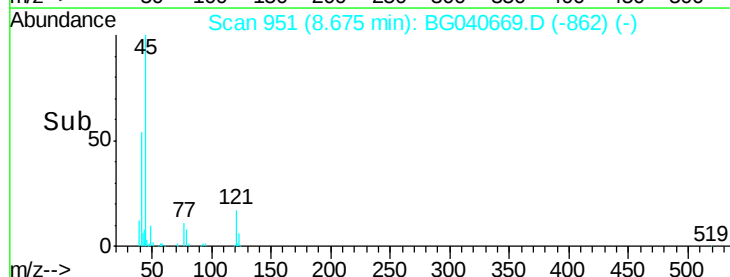
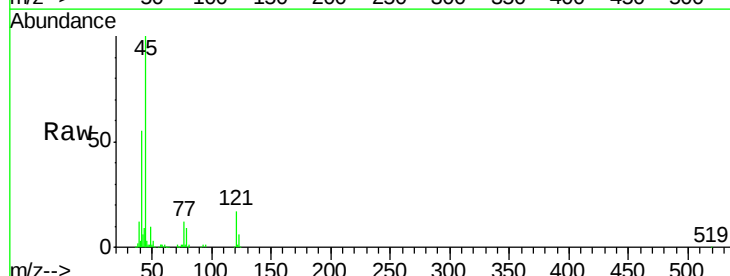
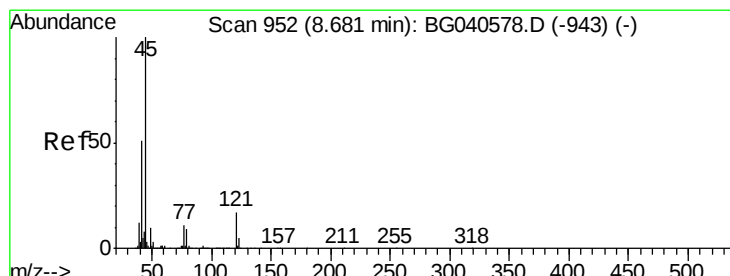
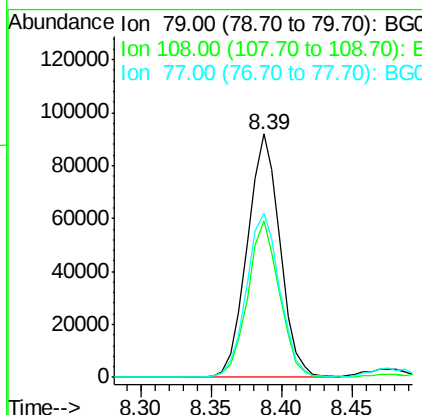
Ion 111.00 (110.70 to 111.70): E





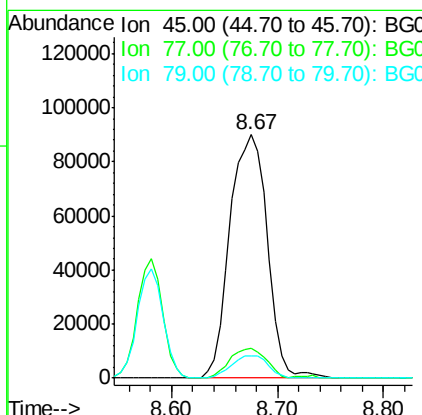
#15
Benzyl Alcohol
Concen: 36.851 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.2	51.4	77.0
77	67.7	52.6	79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.327 ng
RT: 8.67 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	31.5
79	9.1	0.0	29.4

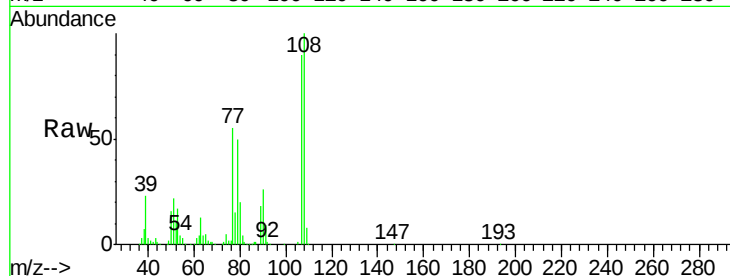




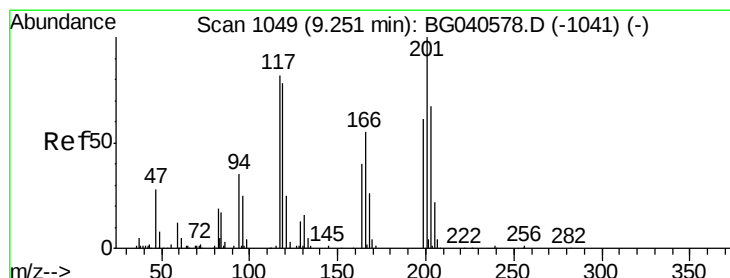
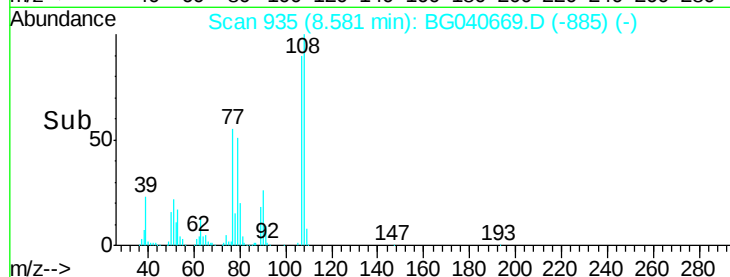
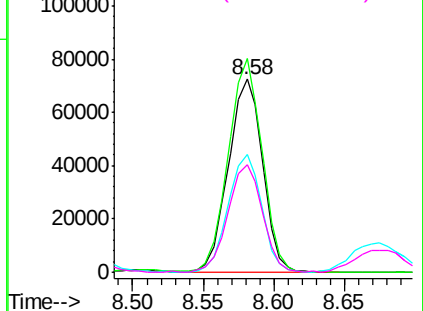
#17
2-Methylphenol
Concen: 41.165 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	122179
Ion	Ratio	Lower	Upper
107	100		
108	110.8	81.2	121.8
77	60.8	44.4	66.6
79	55.9	47.0	70.4

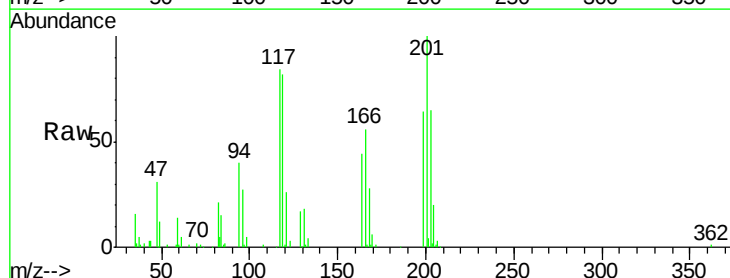


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

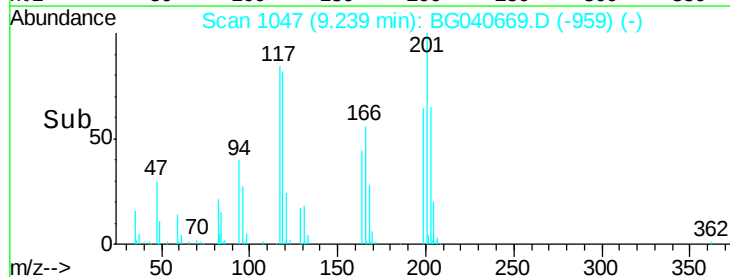
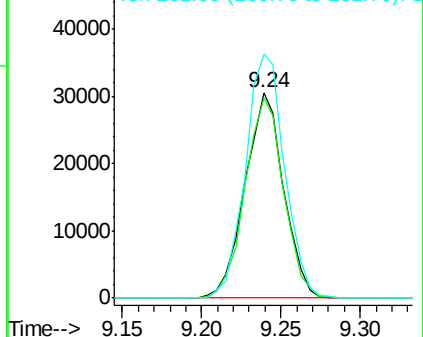


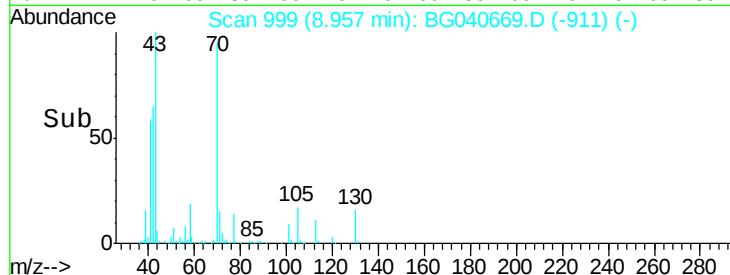
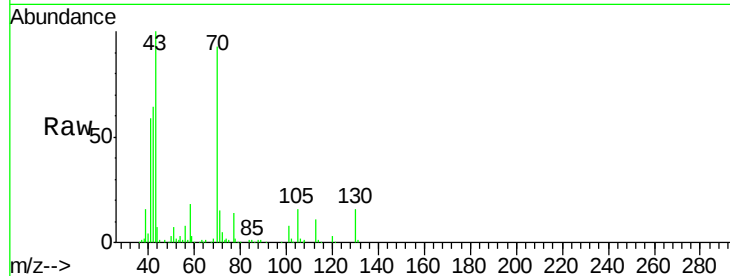
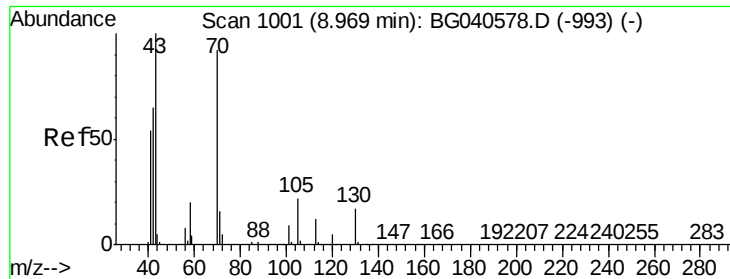
#18
Hexachloroethane
Concen: 36.748 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion:	117	Resp:	51607
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.6	114.8
201	118.4	101.0	151.6



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

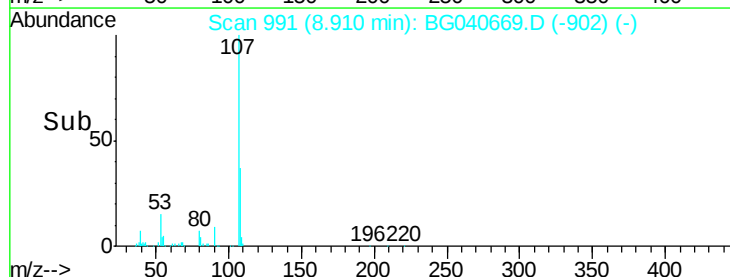
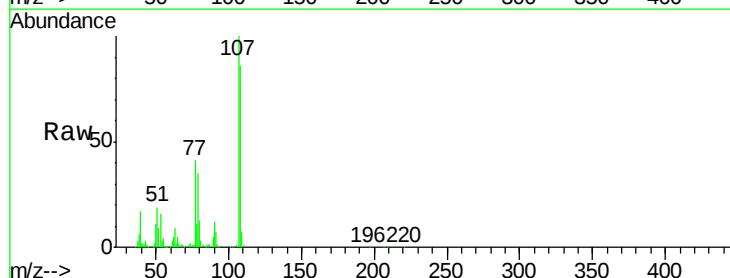
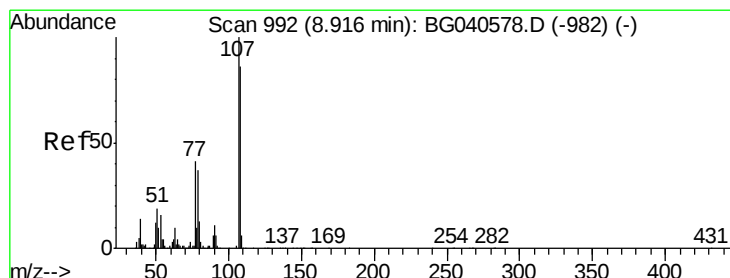
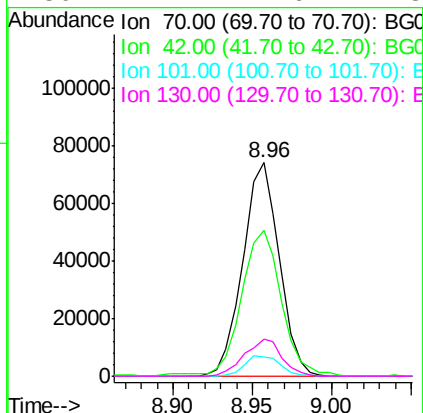




#19
n-Nitroso-di-n-propylamine
Concen: 33.650 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

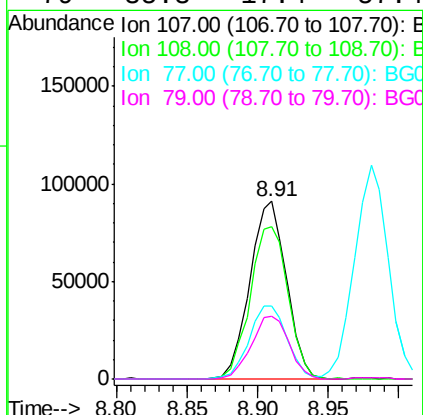
Instrument :
BNA_G
ClientSampleId :

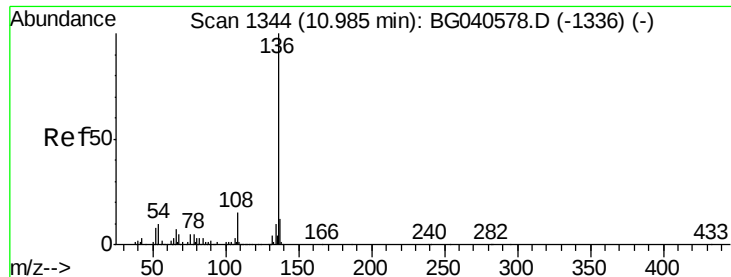
Tot Ion:	70	Resp:	118185
Ion	Ratio	Lower	Upper
70	100		
42	68.6	57.1	85.7
101	9.1	7.8	11.8
130	17.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 40.108 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion:	107	Resp:	165836
Ion	Ratio	Lower	Upper
107	100		
108	86.0	66.1	106.1
77	41.3	21.6	61.6
79	35.3	17.4	57.4

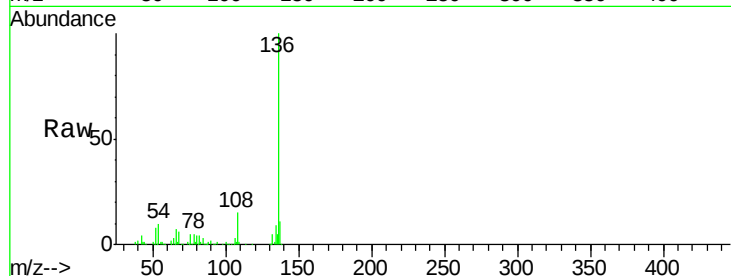




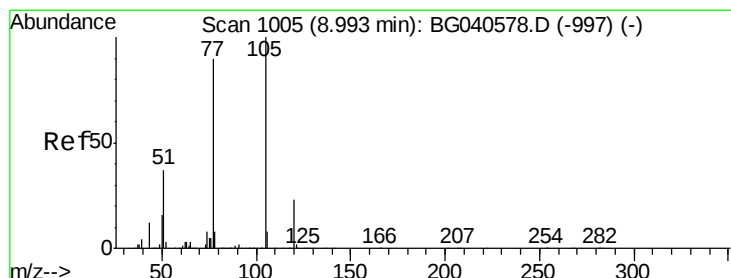
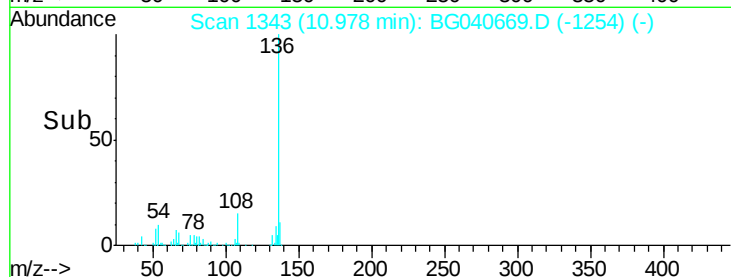
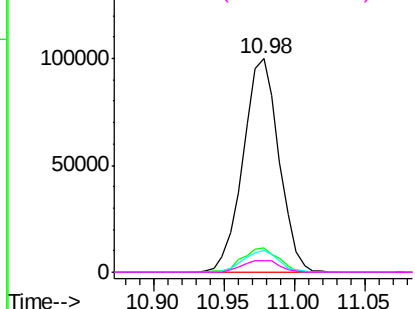
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	177902	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.7	14.5	
54 10.1	8.6	12.8	
68 5.7	4.8	7.2	

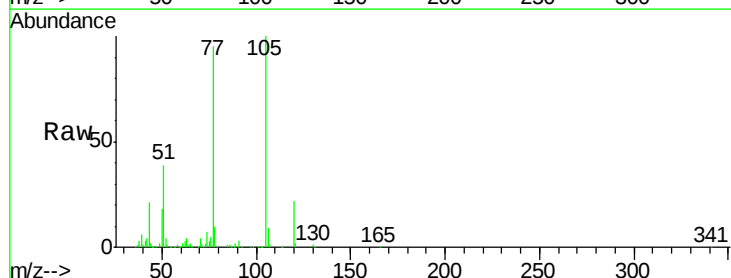


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

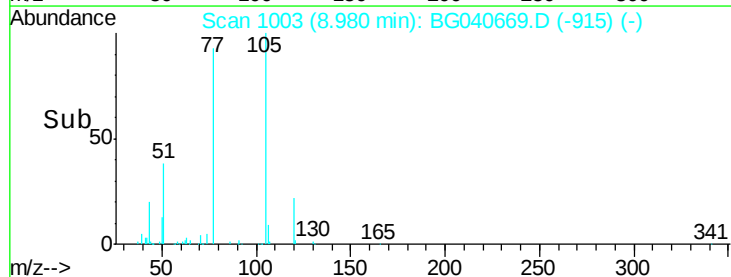
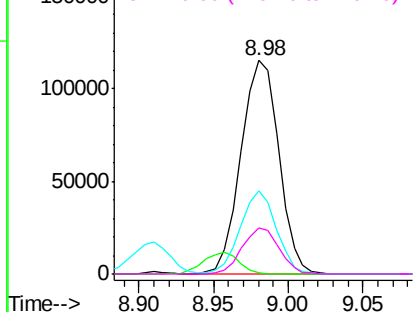


#22
Acetophenone
Concen: 40.854 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt	Ion:105	Resp:	202106
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.8	2.8#
51	39.2	29.8	44.8
120	21.8	18.4	27.6



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





#23

Nitrobenzene-d5

Concen: 78.099 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

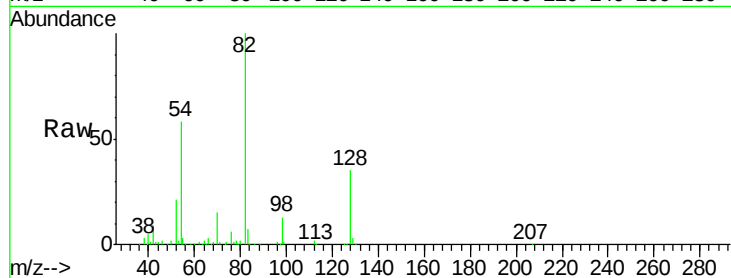
Tot Ion: 82 Resp: 300694

Ion Ratio Lower Upper

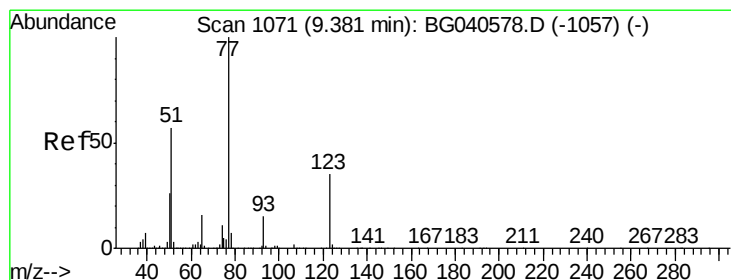
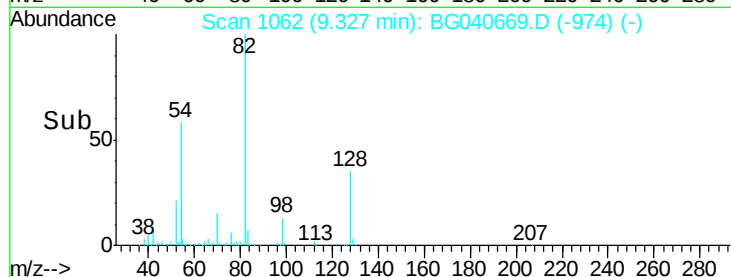
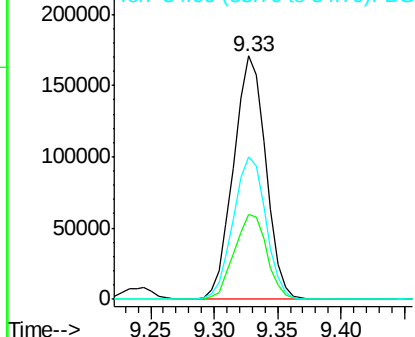
82 100

128 34.7 28.9 43.3

54 58.3 47.2 70.8



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



#24

Nitrobenzene

Concen: 43.198 ng

RT: 9.37 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

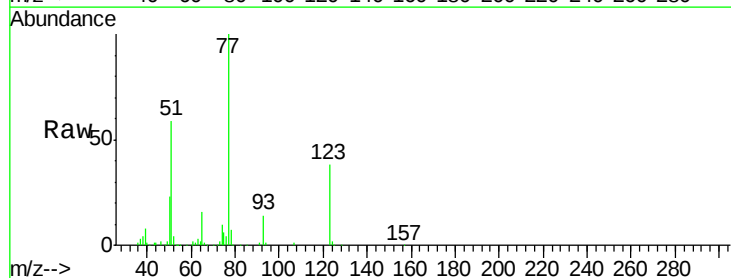
Tgt Ion: 77 Resp: 177453

Ion Ratio Lower Upper

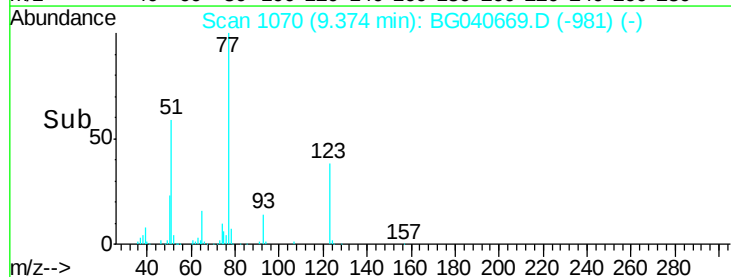
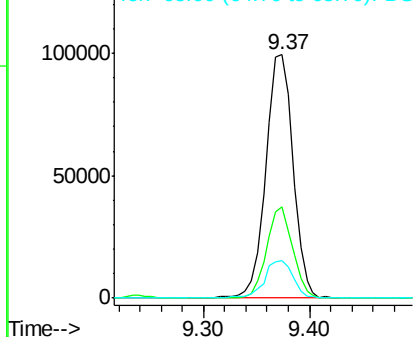
77 100

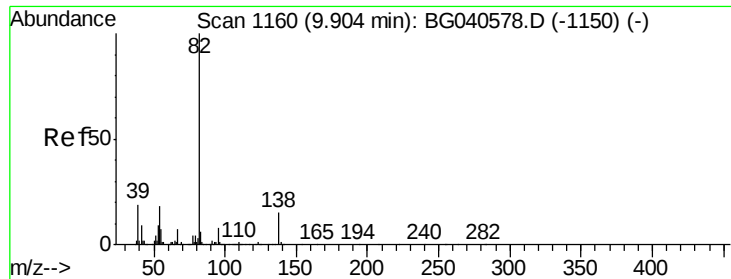
123 37.6 27.8 41.6

65 15.6 12.4 18.6



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





#25

Isophorone

Concen: 37.609 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

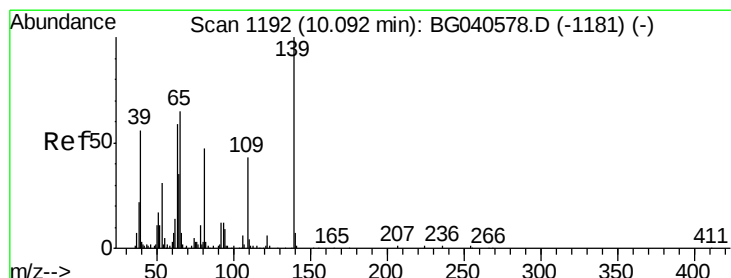
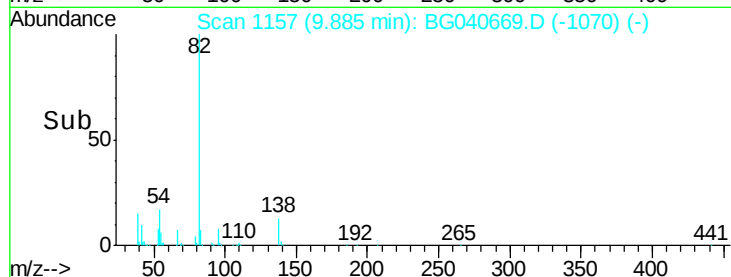
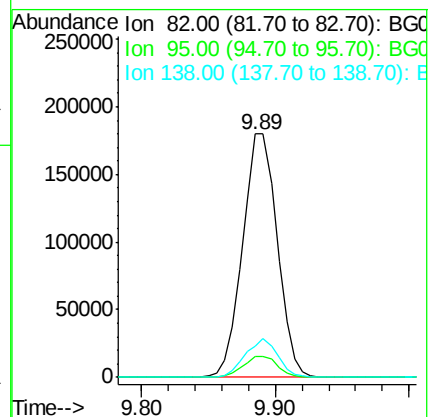
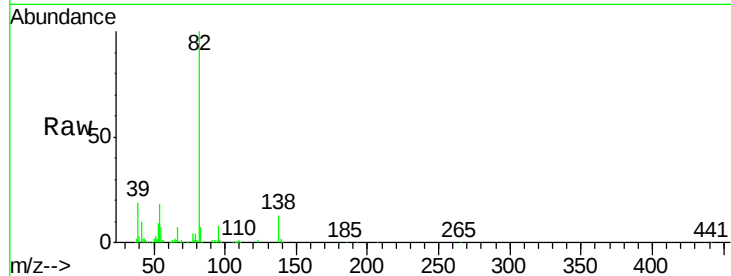
Tot Ion: 82 Resp: 322545

Ion Ratio Lower Upper

82 100

95 8.4 6.9 10.3

138 13.0 12.3 18.5



#26

2-Nitrophenol

Concen: 47.454 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

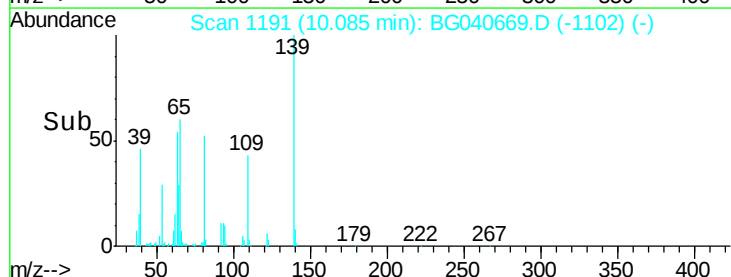
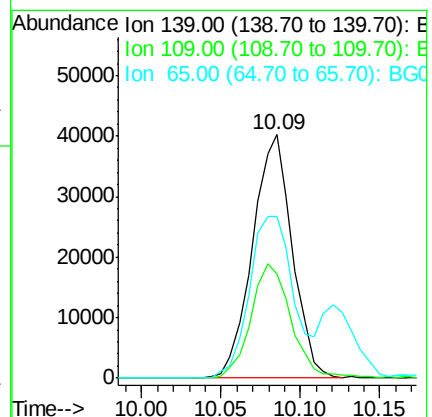
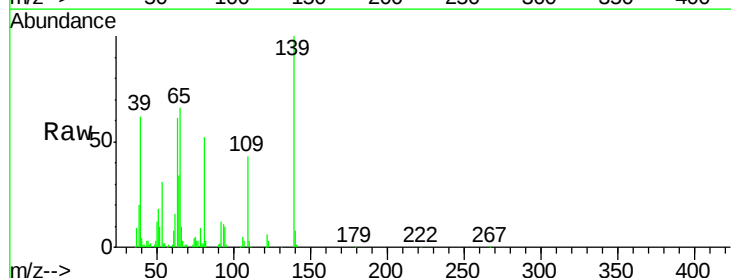
Tgt Ion: 139 Resp: 69876

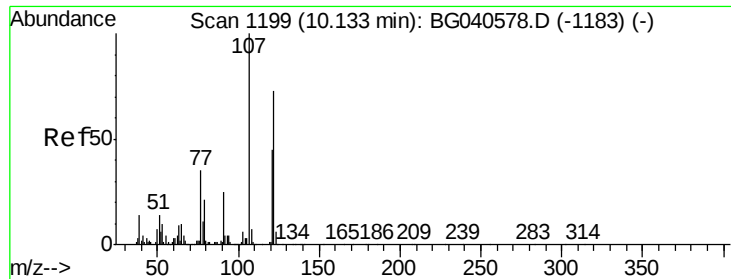
Ion Ratio Lower Upper

139 100

109 42.9 35.6 53.4

65 66.3 52.3 78.5

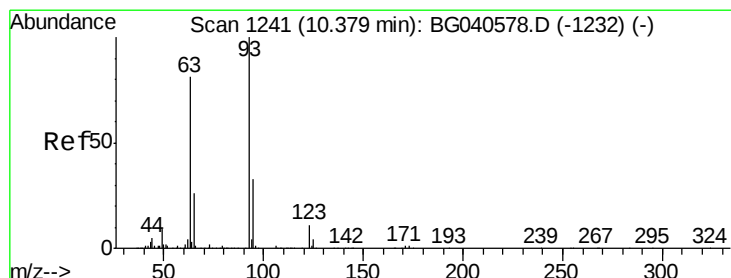
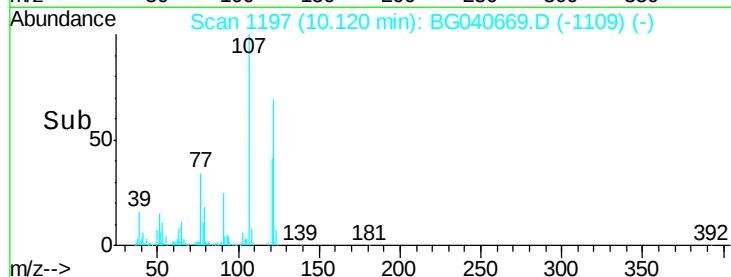
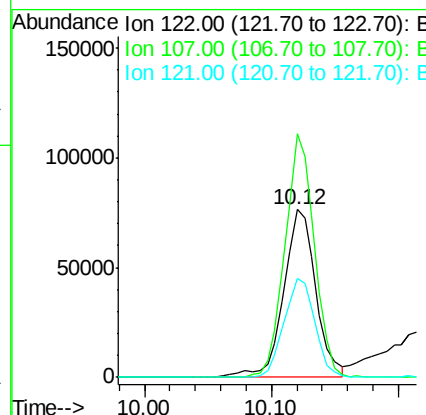
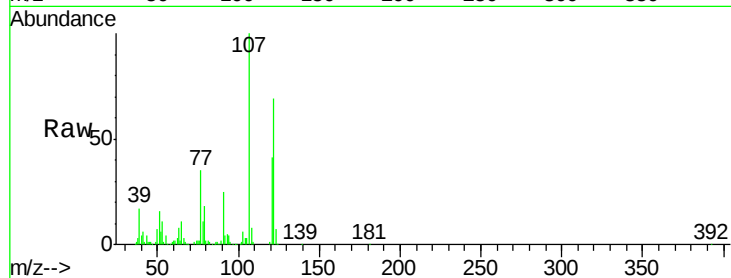




#27
 2,4-Dimethylphenol
 Concen: 48.764 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

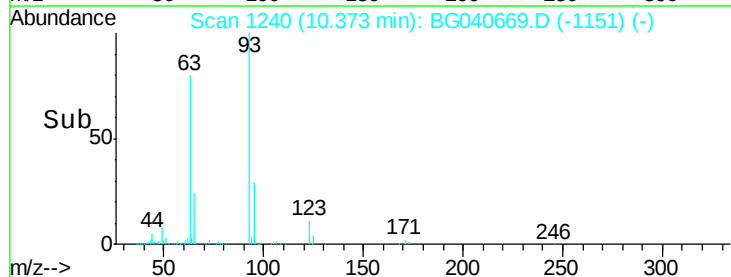
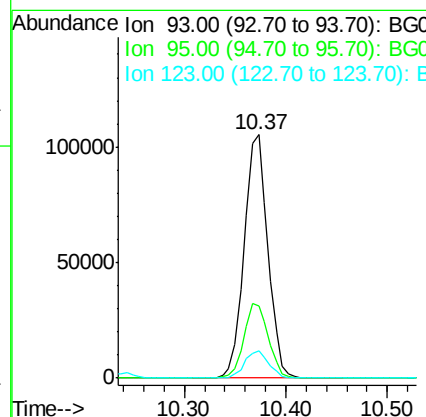
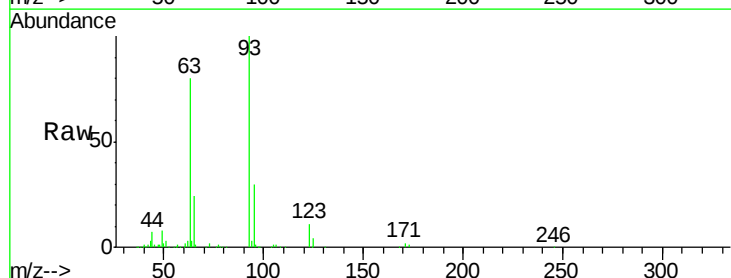
Instrument :
 BNA_G
 ClientSampleId :

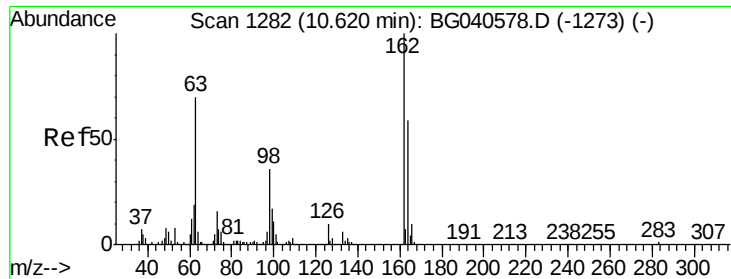
Tot Ion	Ratio	Lower	Upper
122	100		
107	145.1	110.1	165.1
121	58.8	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.647 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.6	26.6	40.0
123	11.3	9.0	13.4

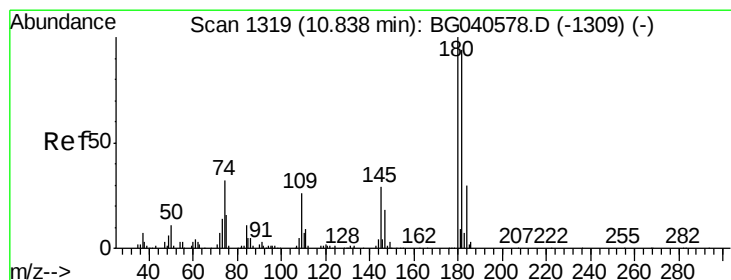
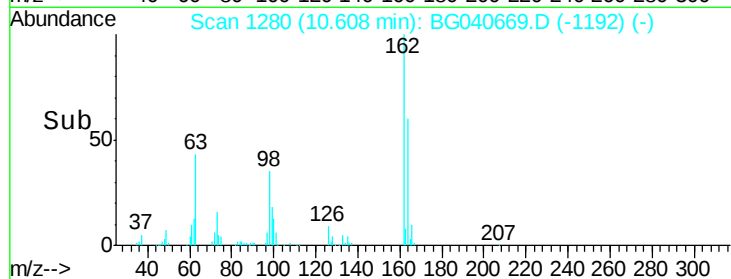
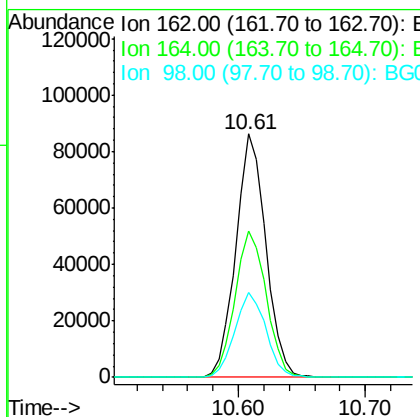
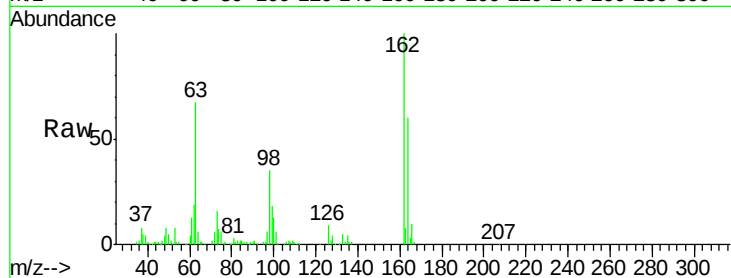




#29
 2,4-Dichlorophenol
 Concen: 44.997 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

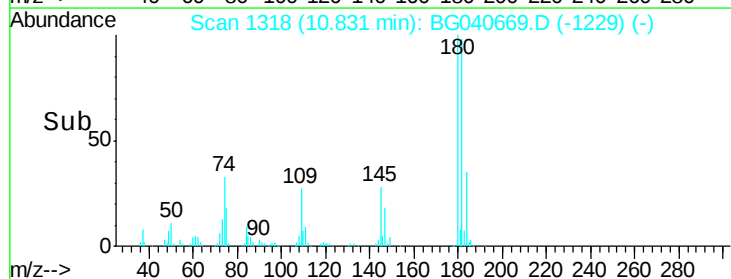
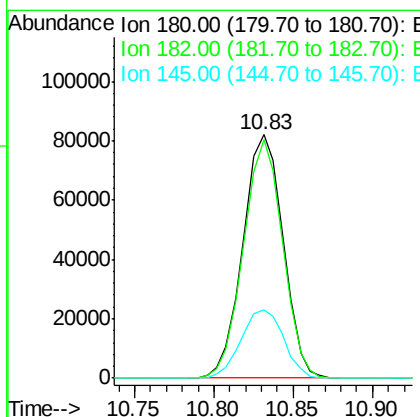
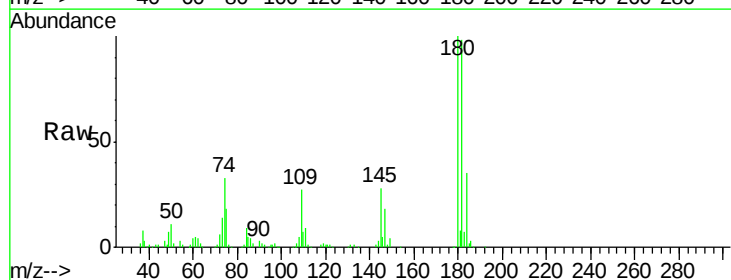
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.2	38.9	78.9
98	34.9	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.544 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.2	112.8
145	27.8	23.6	35.4

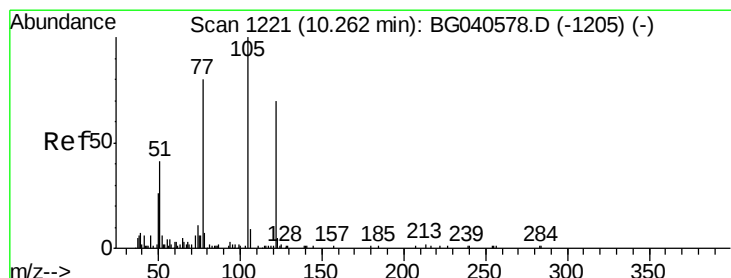
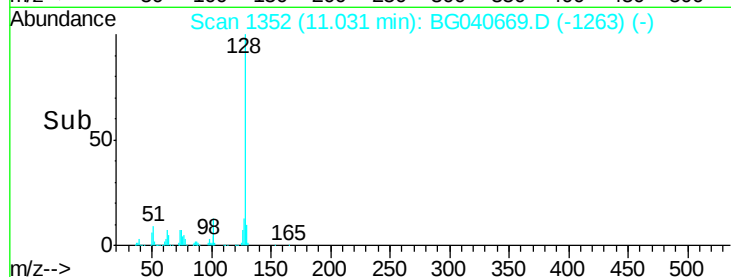
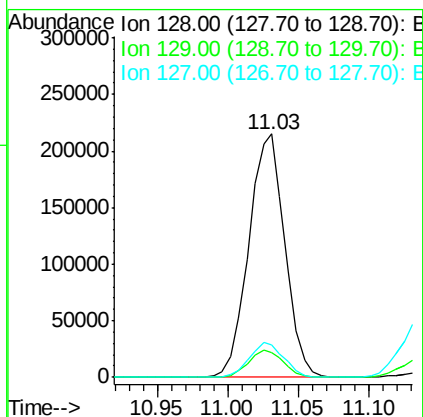
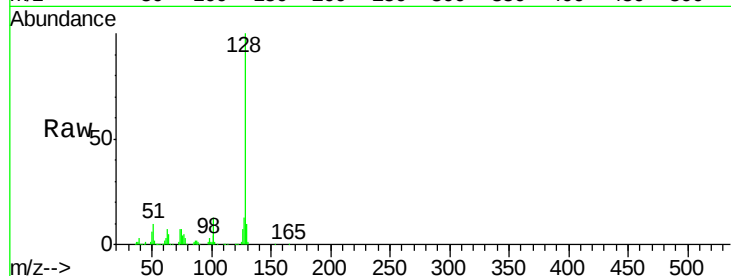




#31
Naphthalene
Concen: 40.701 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

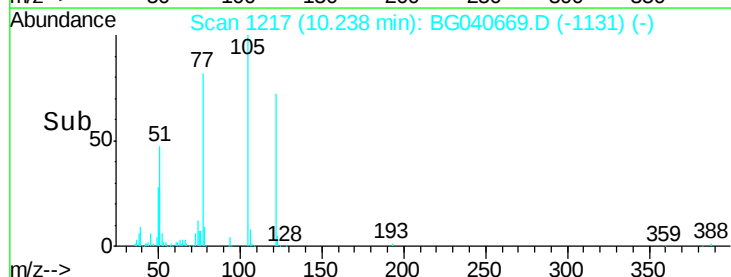
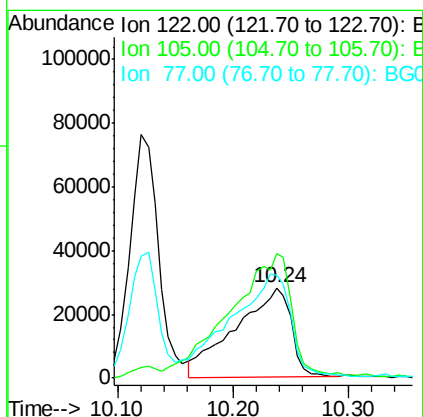
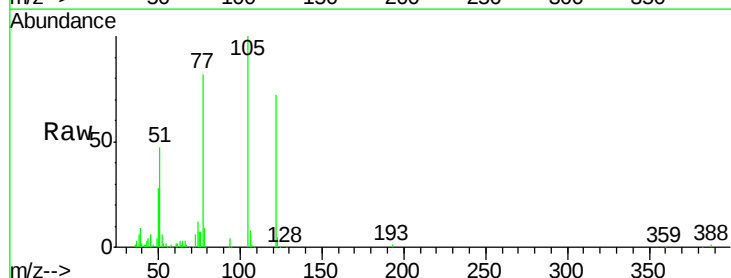
Instrument :
BNA_G
ClientSampled :

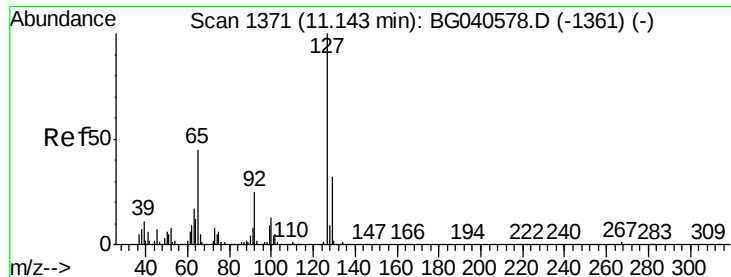
Tot	Ion:128	Resp:	384683
Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.6
127	13.4	11.3	16.9



#32
Benzoic acid
Concen: 49.310 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt	Ion:122	Resp:	93264
Ion	Ratio	Lower	Upper
122	100		
105	138.1	110.9	150.9
77	113.7	87.6	127.6

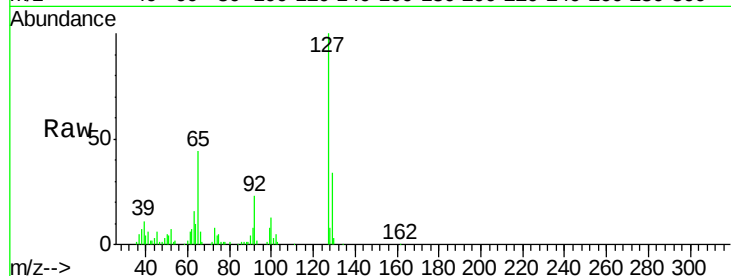




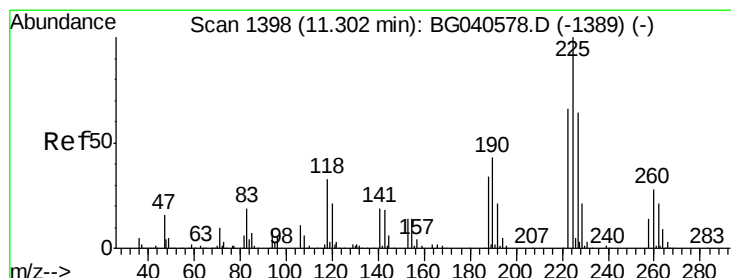
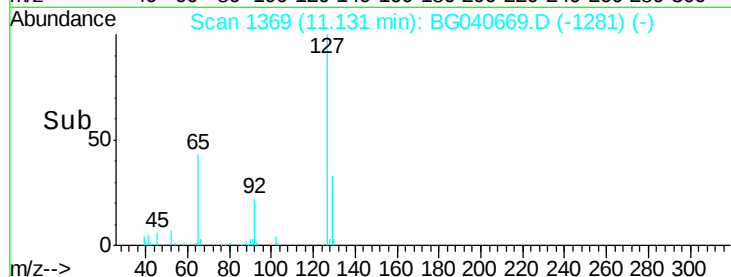
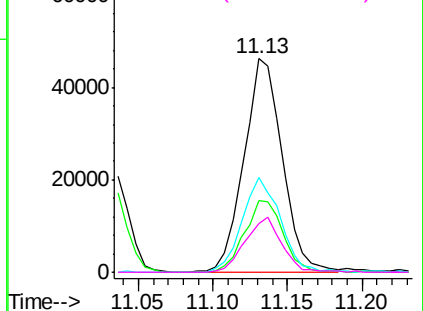
#33
4-Chloroaniline
Concen: 19.582 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	82057
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	44.3	36.1	54.1
92	22.8	20.1	30.1

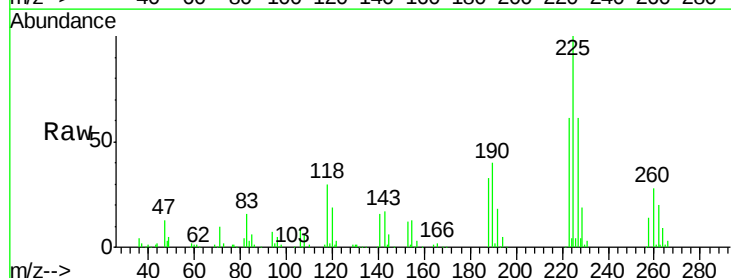


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

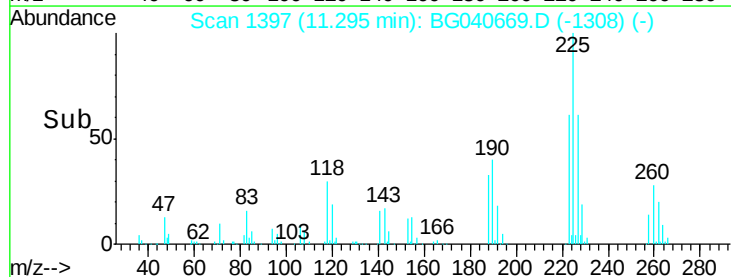
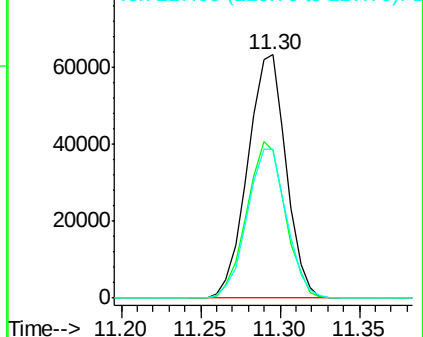


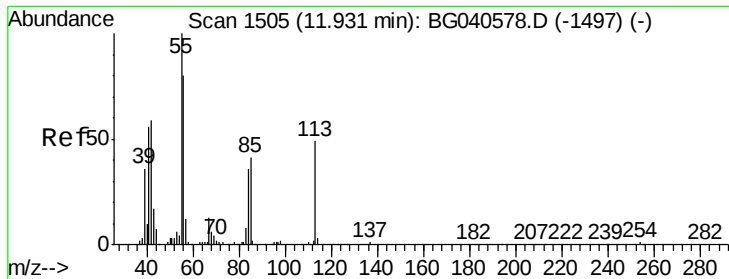
#34
Hexachlorobutadiene
Concen: 41.391 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion:	225	Resp:	106437
Ion	Ratio	Lower	Upper
225	100		
223	58.4	50.4	75.6
227	59.0	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.870 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

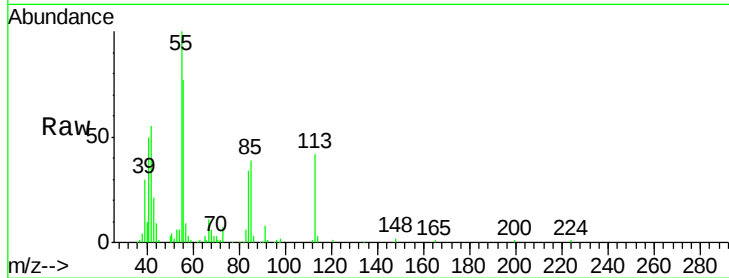
Tot Ion:113 Resp: 34561

Ion Ratio Lower Upper

113 100

55 239.6 198.6 238.6#

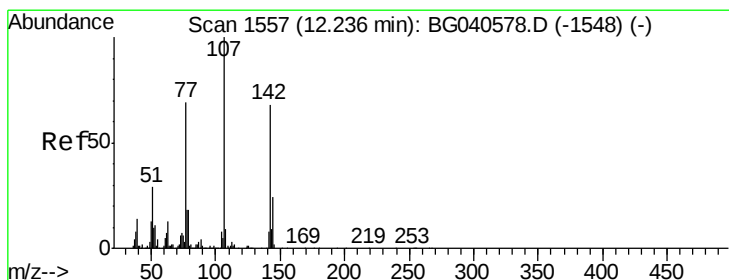
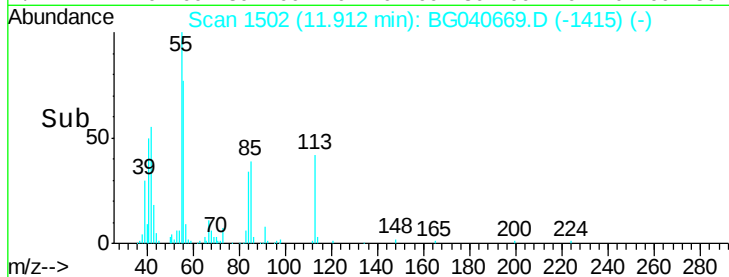
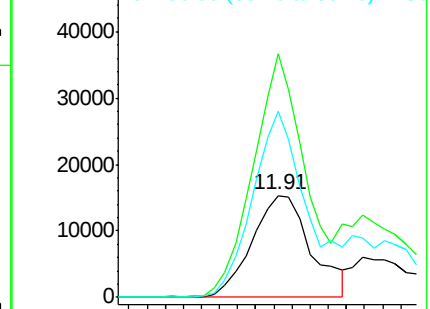
56 183.6 148.4 188.4



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: 43.140 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

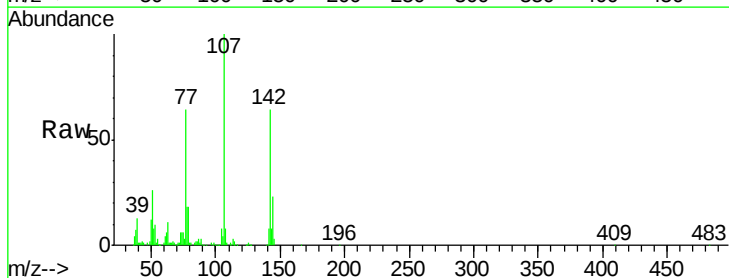
Tgt Ion:107 Resp: 170938

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

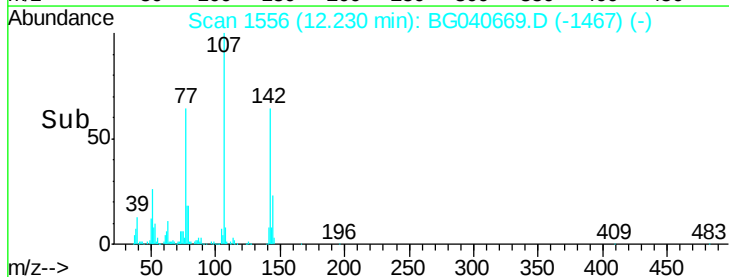
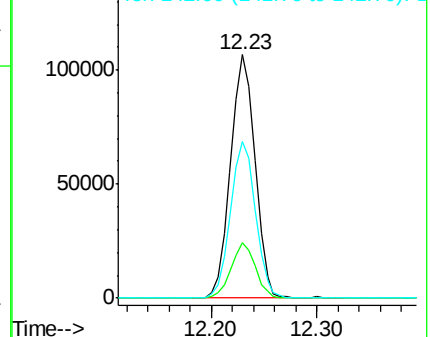
142 64.3 54.6 81.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

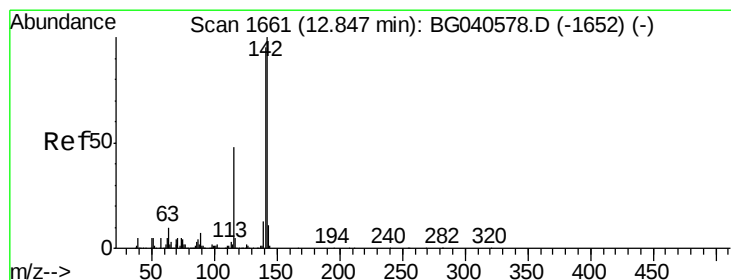
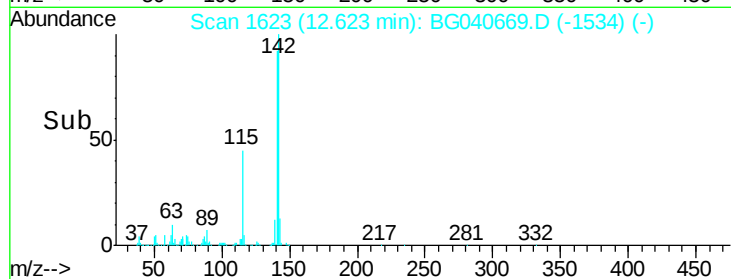
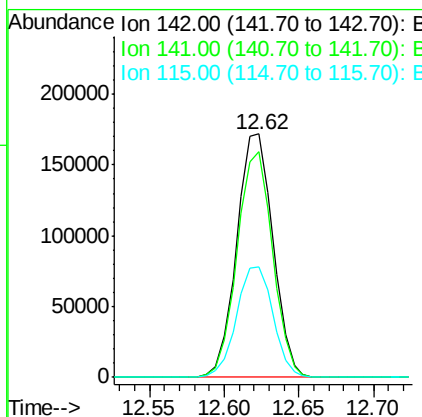
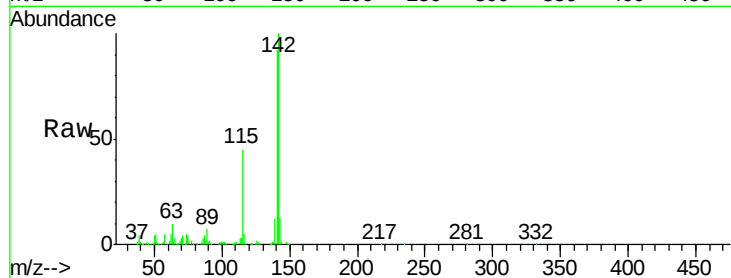




#37
 2-Methylnaphthalene
 Concen: 41.036 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

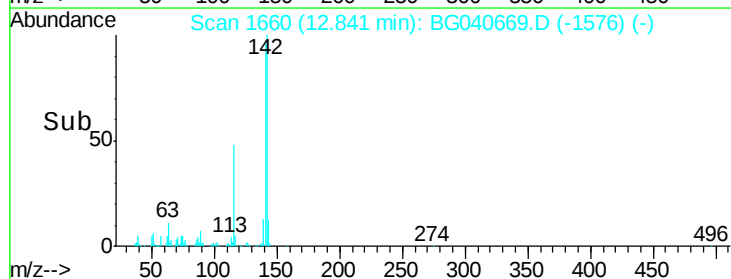
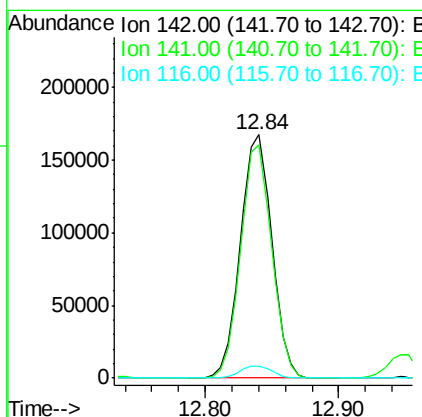
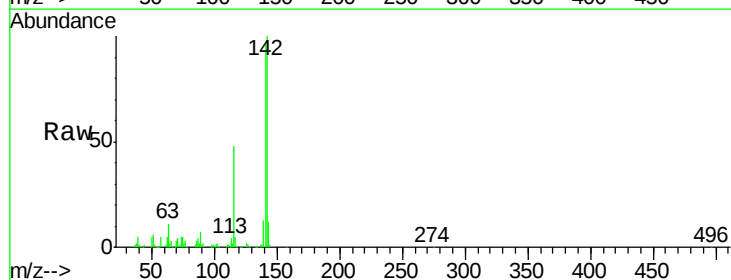
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.4	110.2
115	45.3	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 39.403 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.9	113.9
116	5.0	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

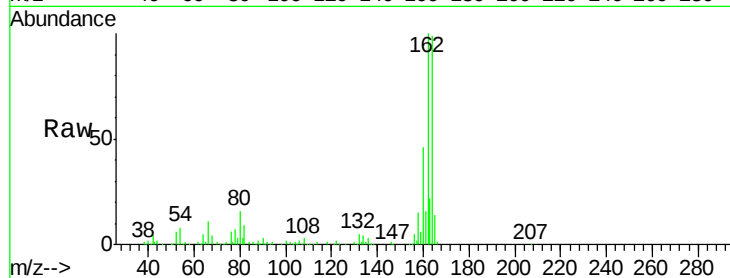
Tot Ion:164 Resp: 123432

Ion Ratio Lower Upper

164 100

162 100.8 81.9 122.9

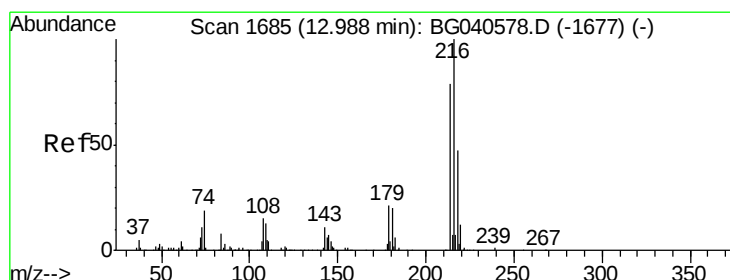
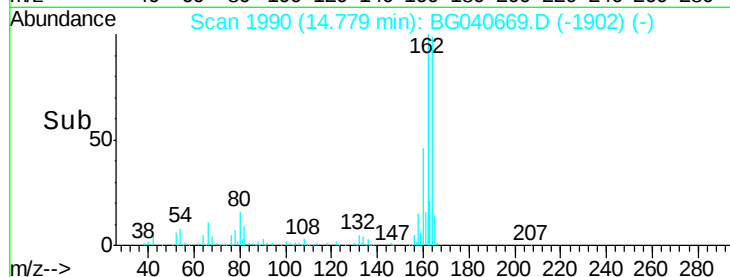
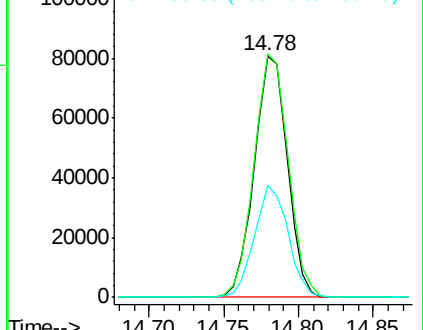
160 46.0 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.659 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Tgt Ion:216 Resp: 191555

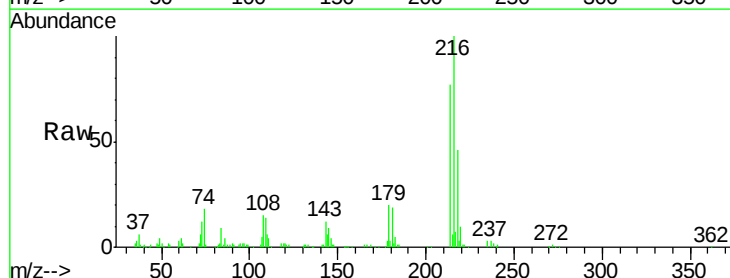
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 20.4 16.6 24.8

108 19.9 14.7 22.1

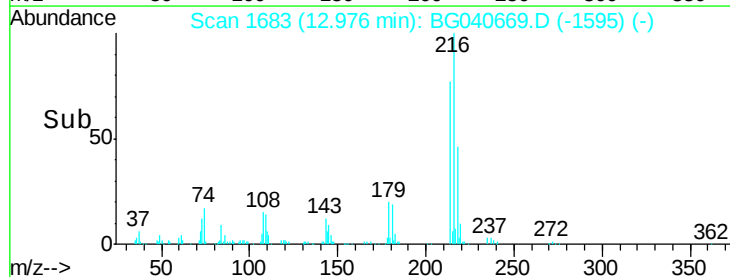
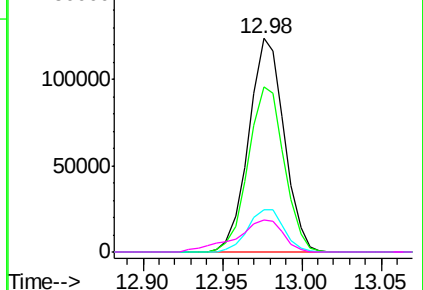


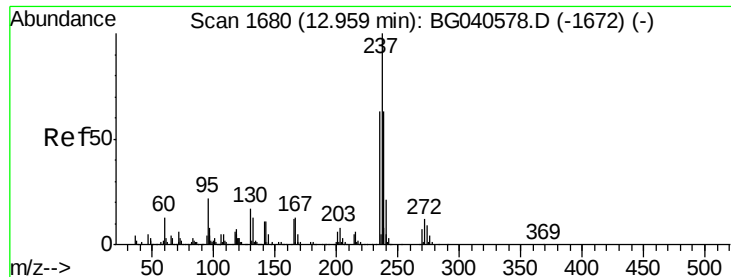
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.907 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040669.D

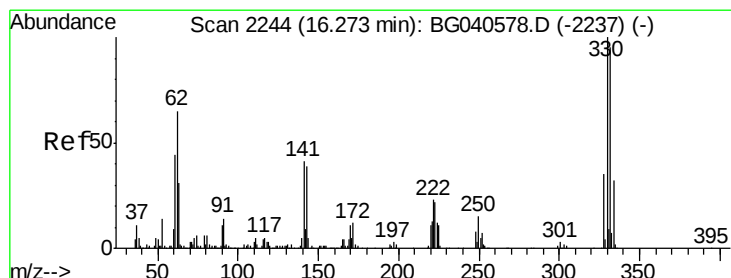
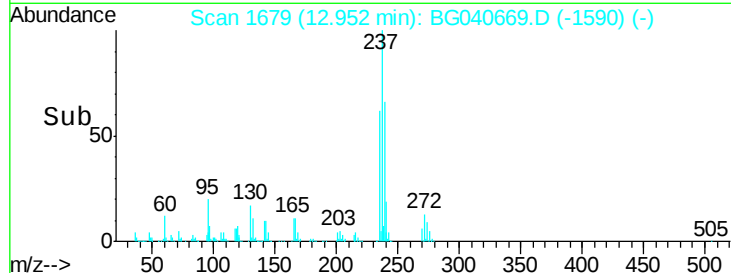
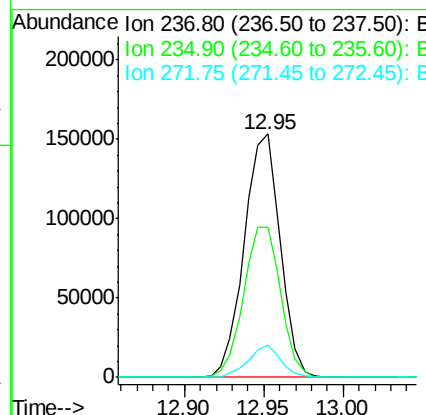
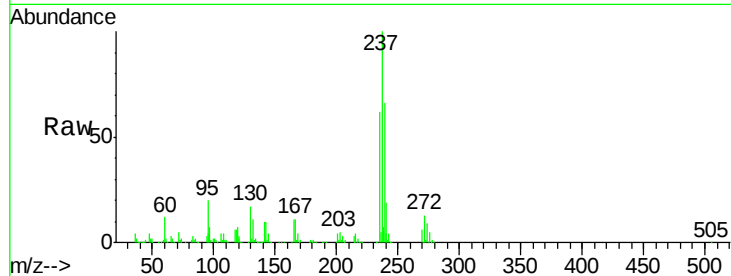
Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	241230
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.5	82.5
272	13.3	0.0	31.6



#42

2,4,6-Tribromophenol

Concen: 87.206 ng

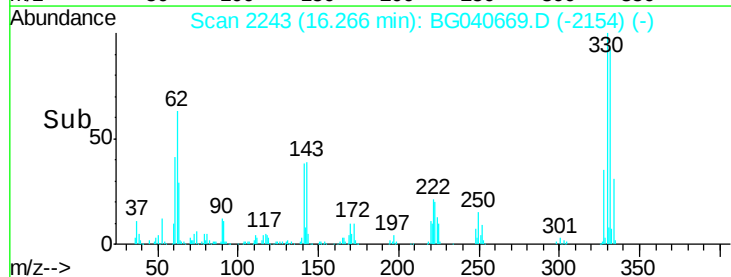
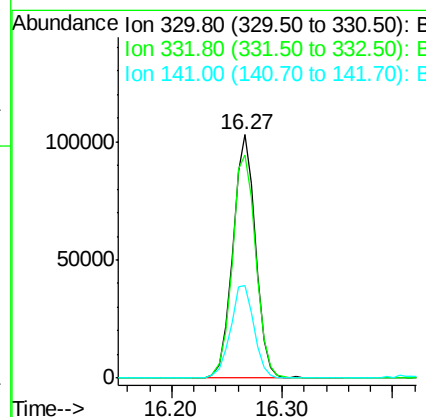
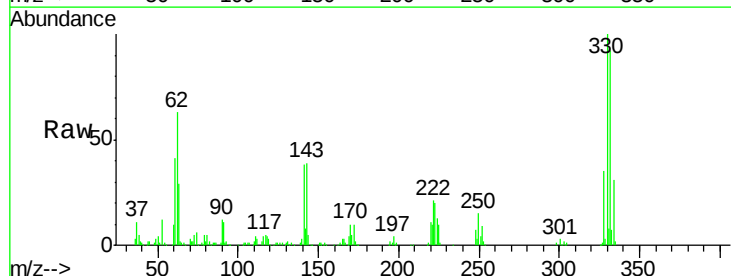
RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Tgt Ion:	330	Resp:	147953
Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	39.8	32.4	48.6

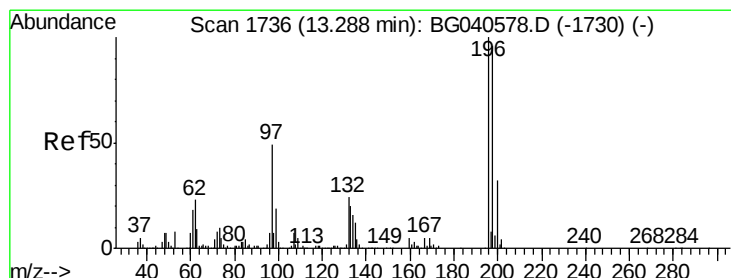
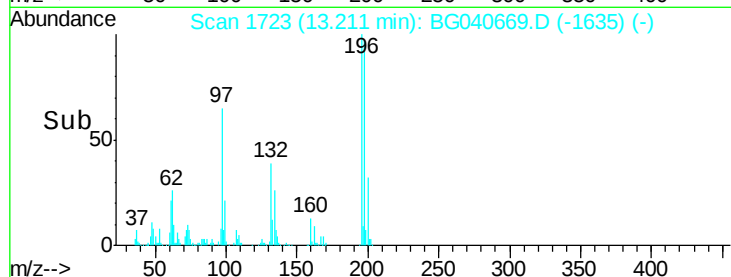
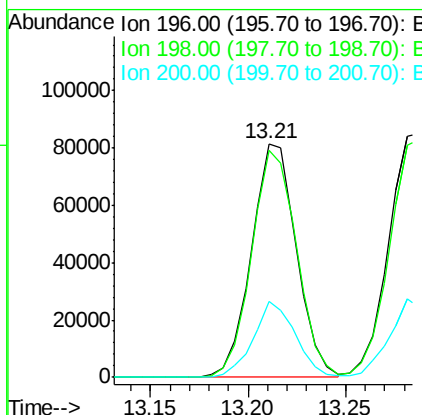
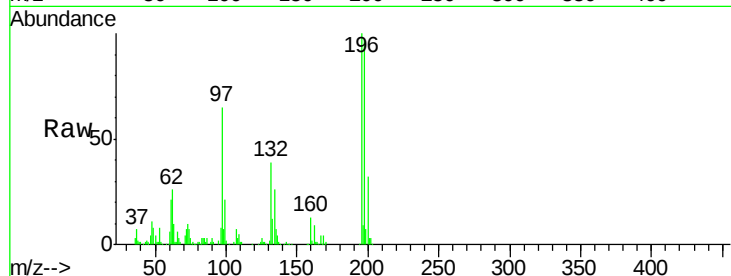




#43
 2,4,6-Trichlorophenol
 Concen: 46.665 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

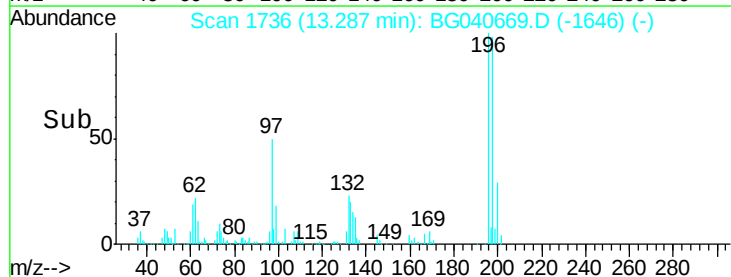
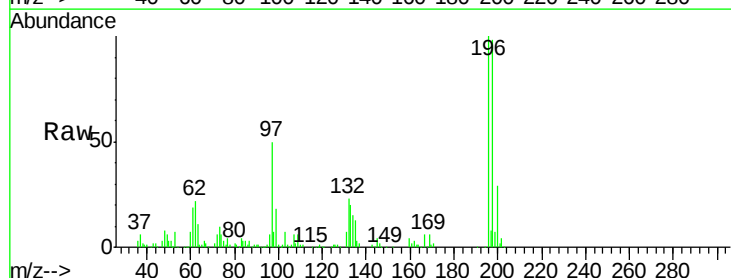
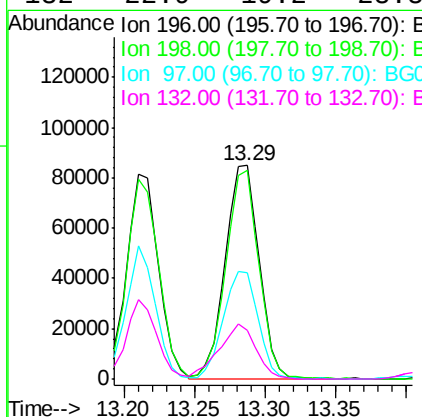
Instrument :
 BNA_G
 ClientSampleId :

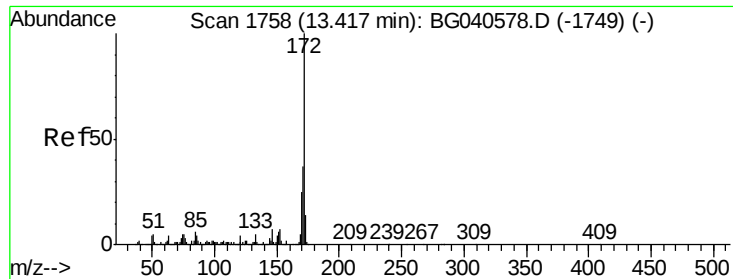
Tot Ion	196	Resp	129667
Ion Ratio	Lower	Upper	
196	100		
198	97.3	74.8	112.2
200	32.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.005 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion	196	Resp	142282
Ion Ratio	Lower	Upper	
196	100		
198	97.7	77.0	115.6
97	49.6	40.0	60.0
132	22.9	19.2	28.8

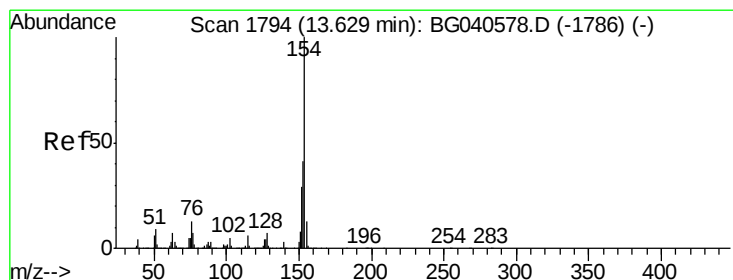
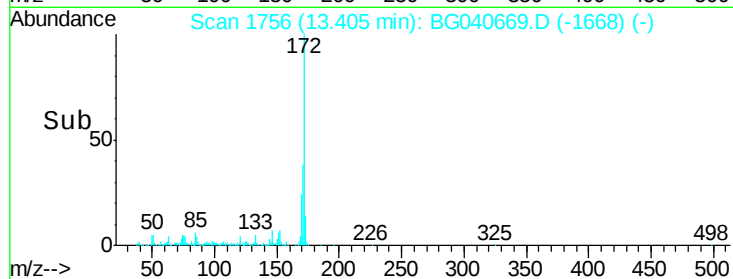
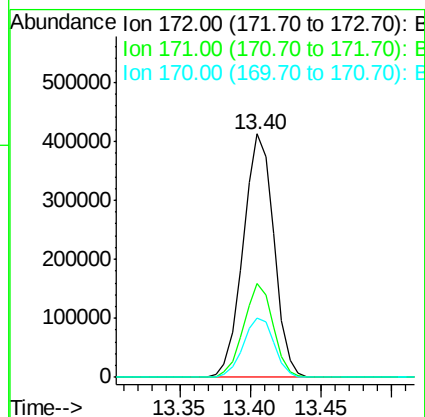
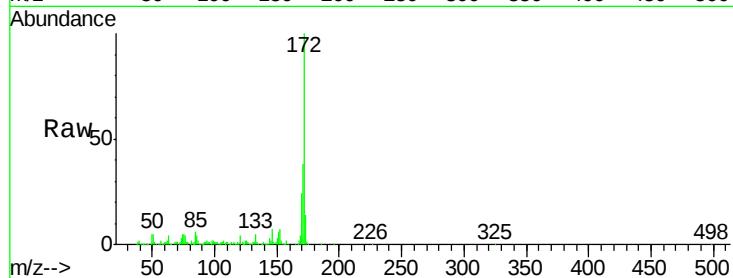




#45
2-Fluorobiphenyl
Concen: 73.362 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

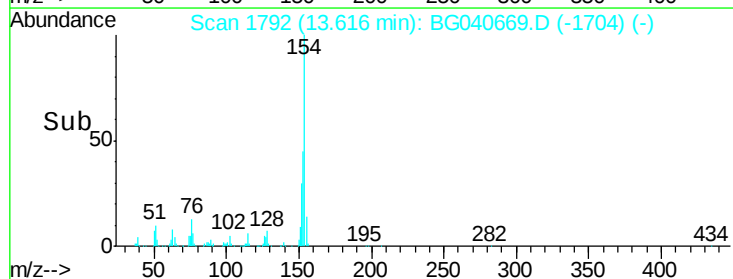
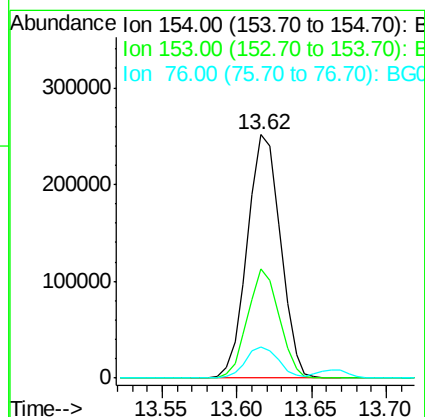
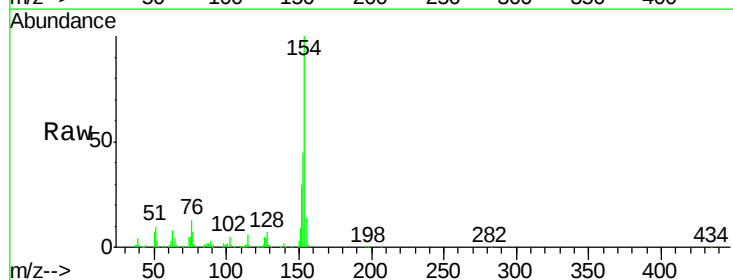
Instrument :
BNA_G
ClientSampleId :

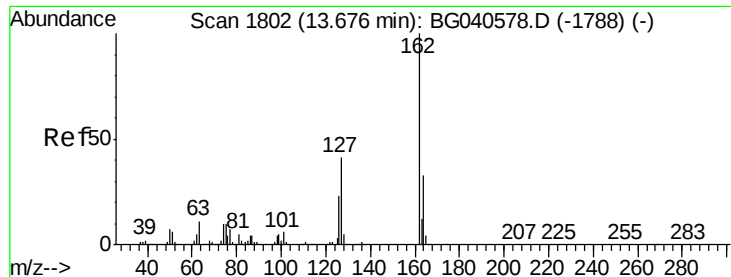
Tot Ion:172 Resp: 627008
Ion Ratio Lower Upper
172 100
171 38.3 29.4 44.2
170 24.3 19.9 29.9



#46
1,1'-Biphenyl
Concen: 40.270 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion:154 Resp: 385922
Ion Ratio Lower Upper
154 100
153 45.1 20.5 60.5
76 12.9 0.0 32.5

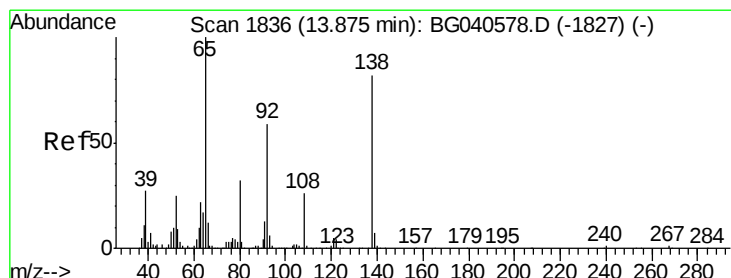
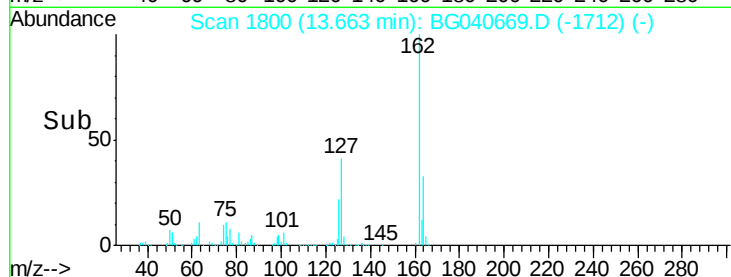
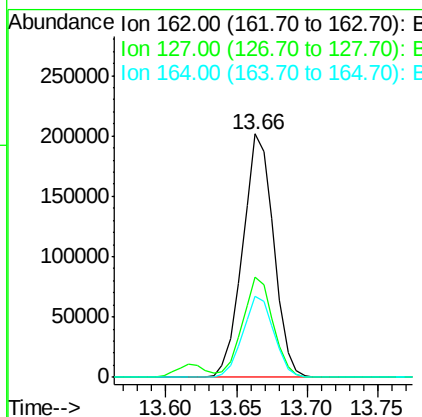
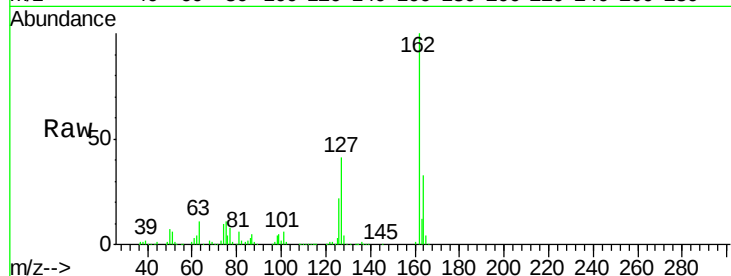




#47
 2-Chloronaphthalene
 Concen: 41.162 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

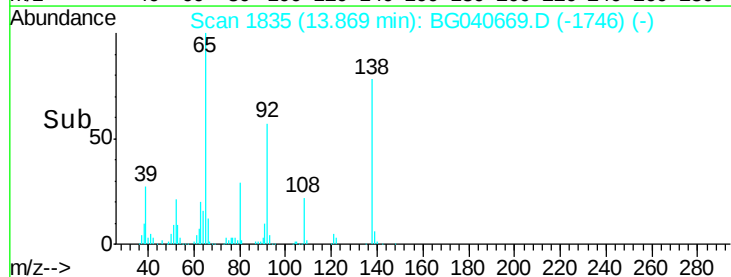
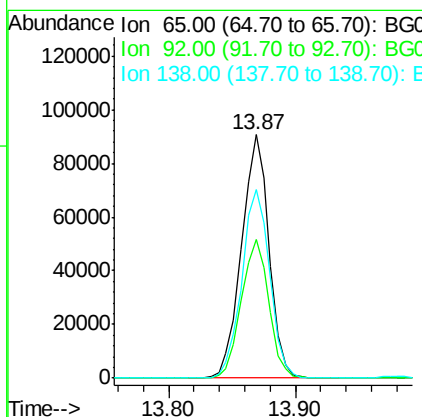
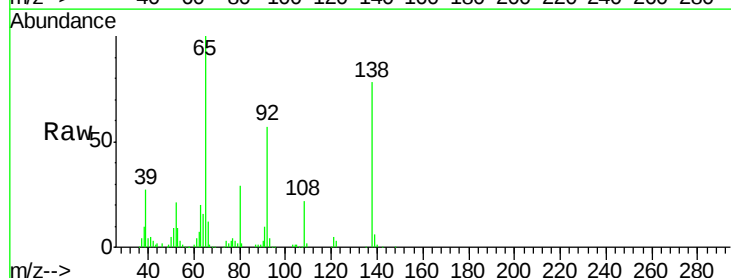
Instrument :
 BNA_G
 ClientSampleId :

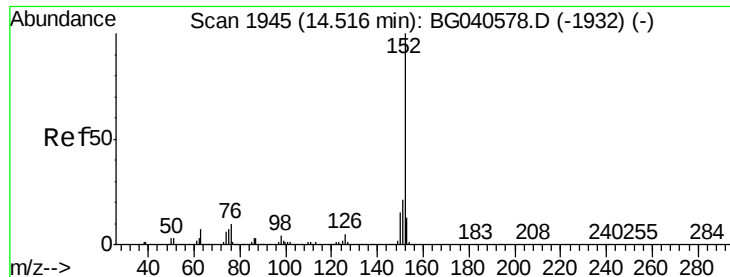
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.0	49.4
164	33.3	26.8	40.2



#48
 2-Nitroaniline
 Concen: 50.923 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.0	47.4	71.0
138	77.7	66.1	99.1





#49

Acenaphthylene

Concen: 39.368 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

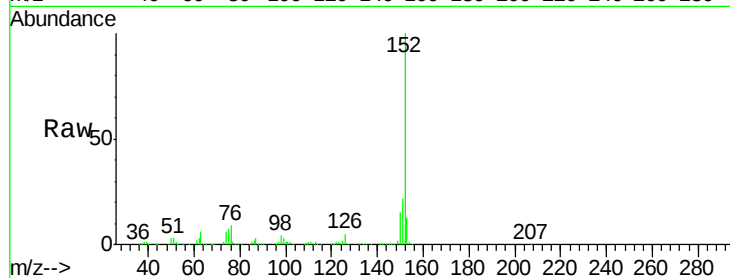
Tot Ion:152 Resp: 500932

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

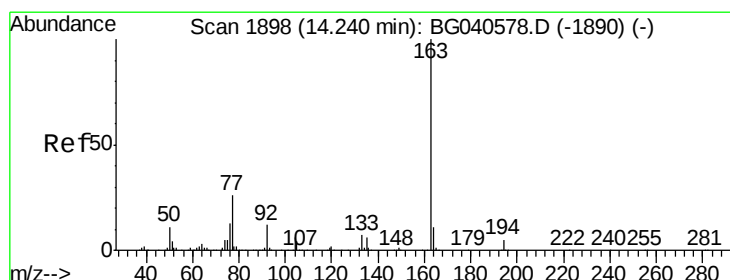
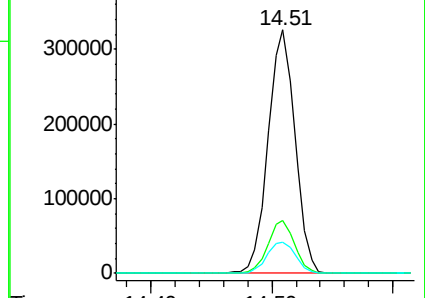
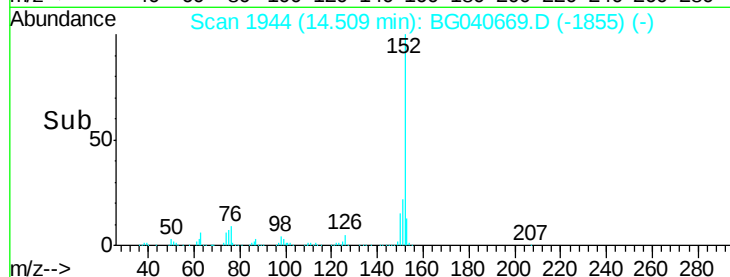
153 12.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.453 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

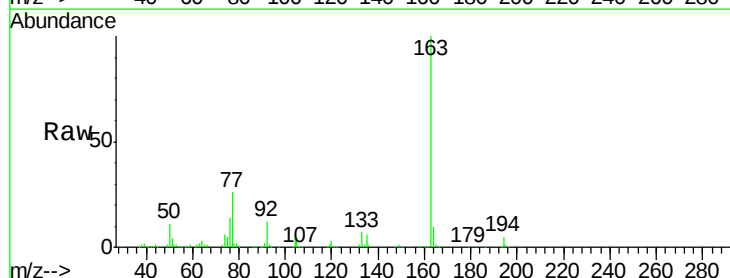
Tgt Ion:163 Resp: 428099

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

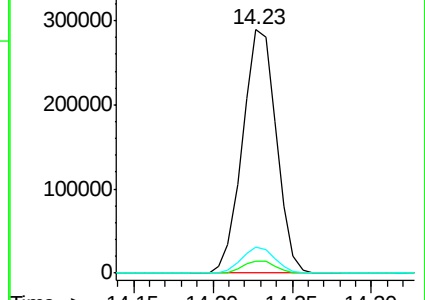
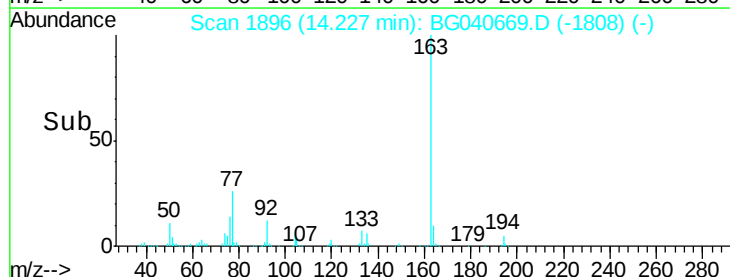
164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.939 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

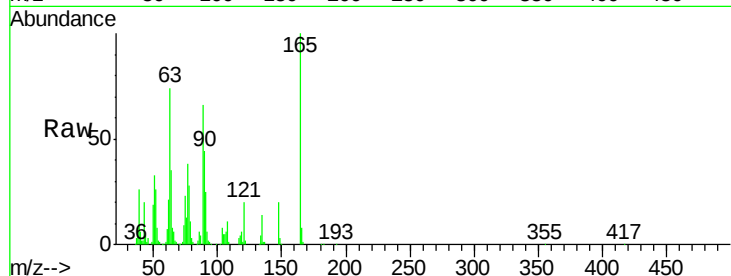
Tot Ion:165 Resp: 94609

Ion Ratio Lower Upper

165 100

63 74.2 61.0 91.4

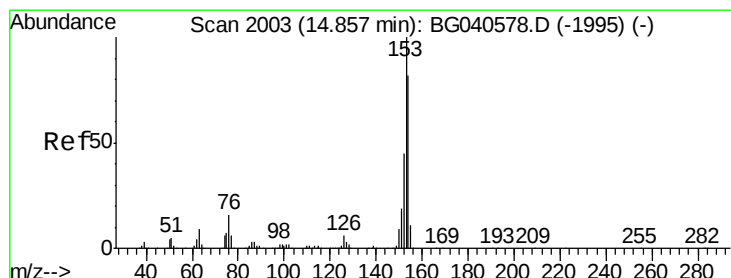
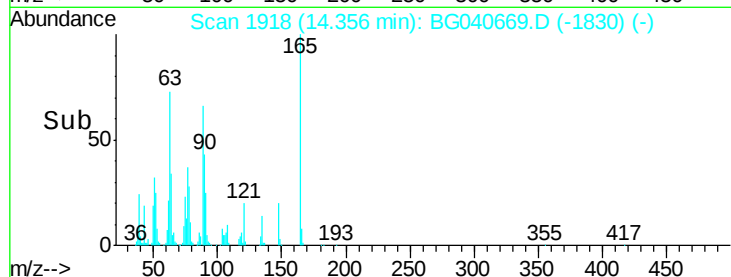
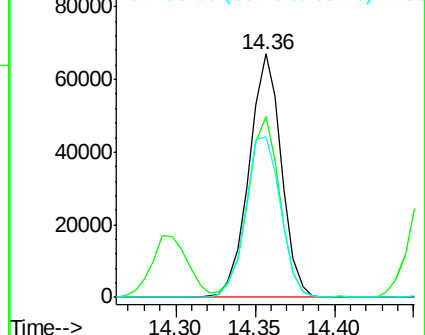
89 65.7 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.978 ng

RT: 14.84 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

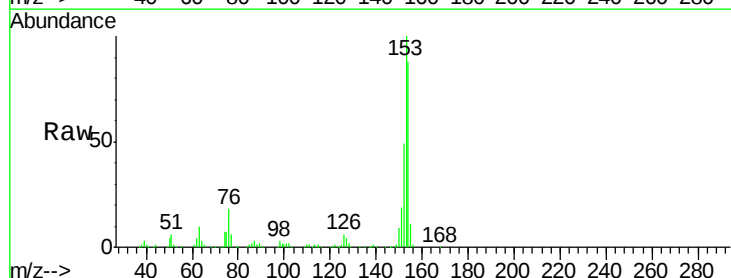
Tgt Ion:154 Resp: 296244

Ion Ratio Lower Upper

154 100

153 113.3 97.0 145.6

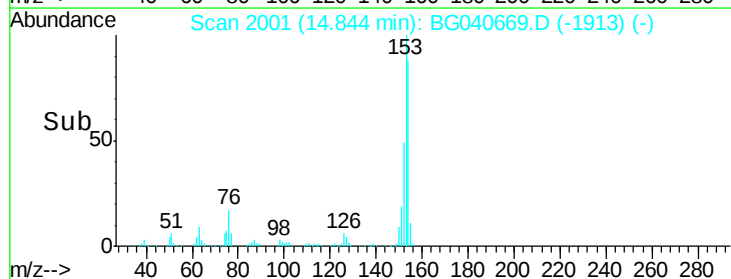
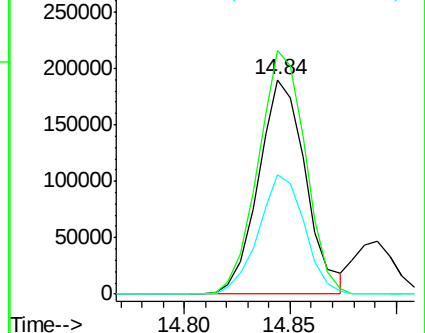
152 55.4 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

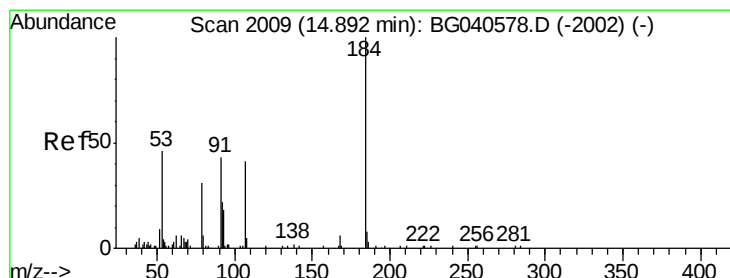
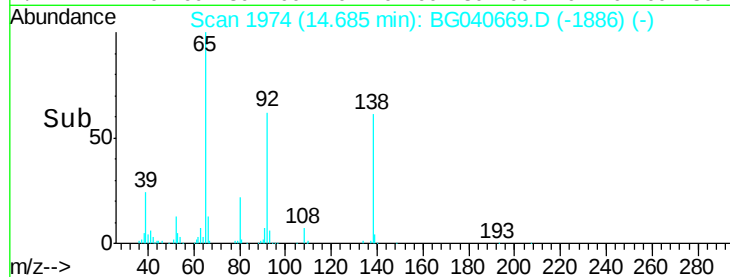
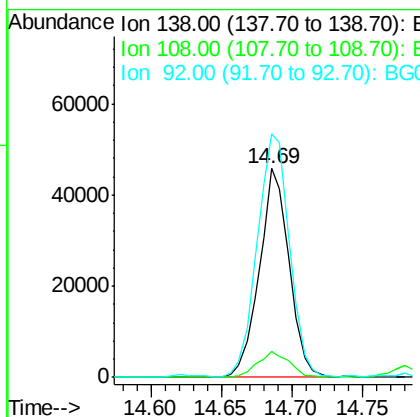
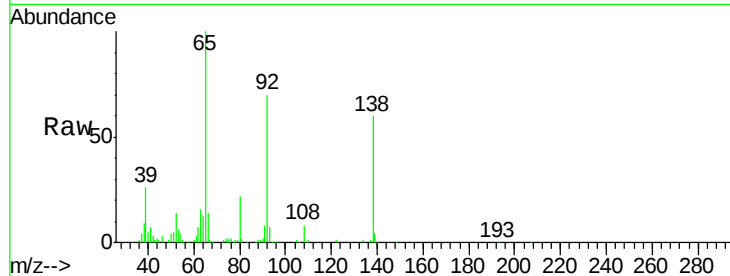




#53
3-Nitroaniline
Concen: 33.020 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

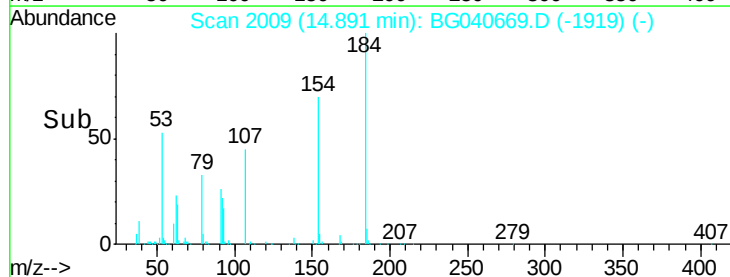
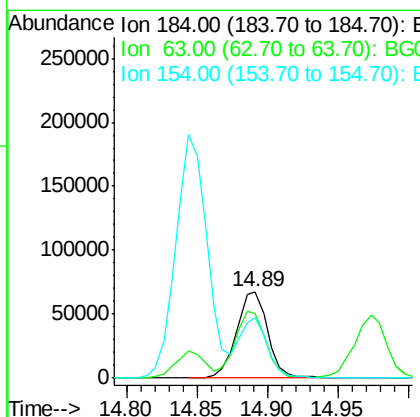
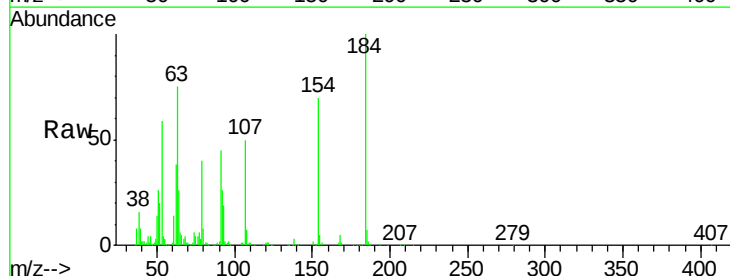
Instrument :
BNA_G
ClientSampleId :

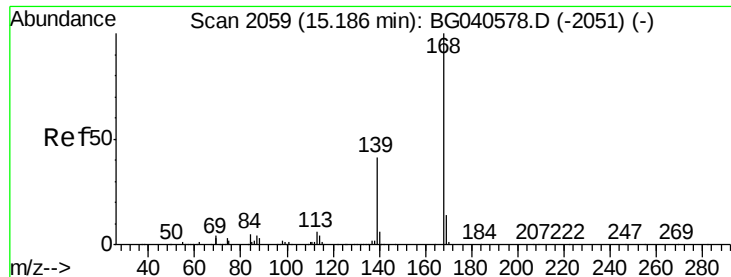
Tot Ion:138 Resp: 68192
Ion Ratio Lower Upper
138 100
108 12.7 12.4 18.6
92 116.7 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 90.320 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion:184 Resp: 103800
Ion Ratio Lower Upper
184 100
63 75.3 51.8 77.6
154 69.8 43.6 65.4#

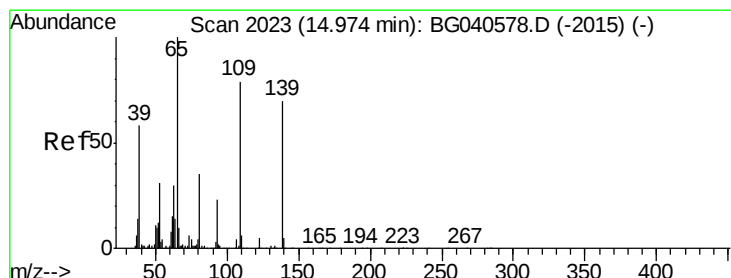
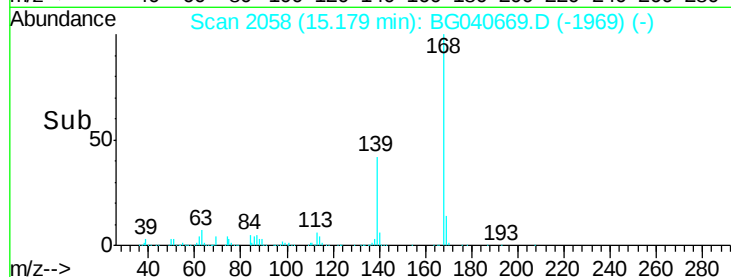
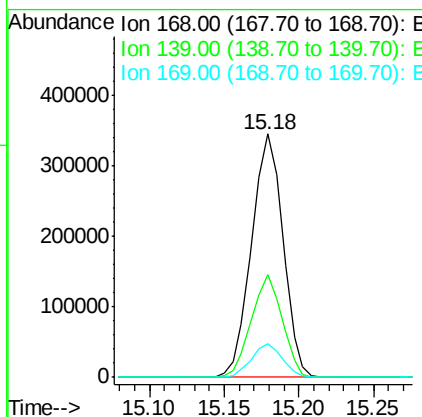
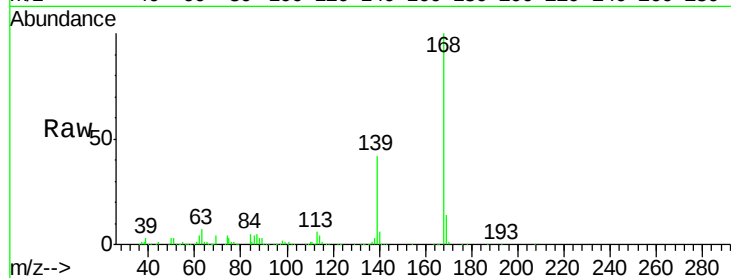




#55
Dibenzofuran
Concen: 41.367 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

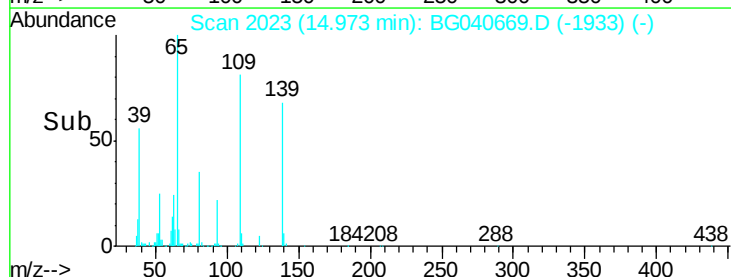
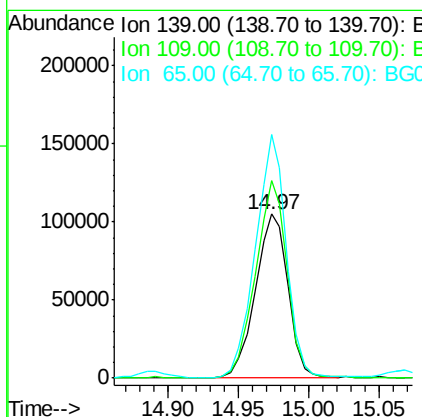
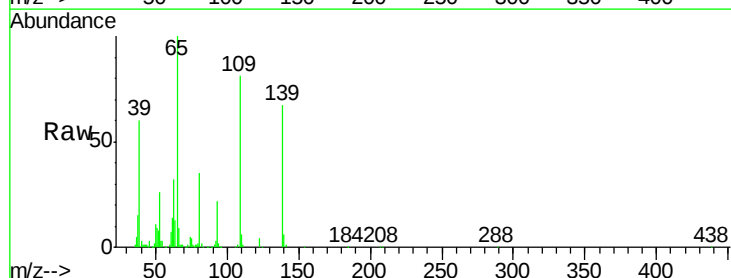
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.0	49.4
169	14.0	11.0	16.4



#56
4-Nitrophenol
Concen: 95.057 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	120.0	93.8	133.8
65	148.3	122.7	162.7

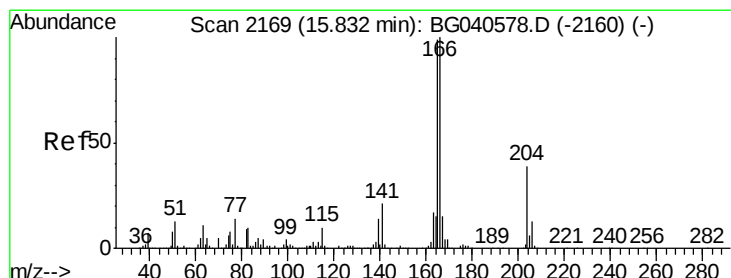
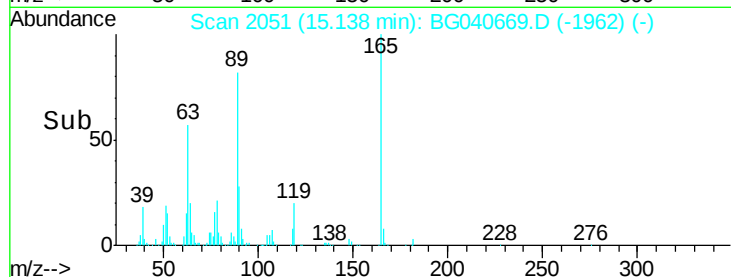
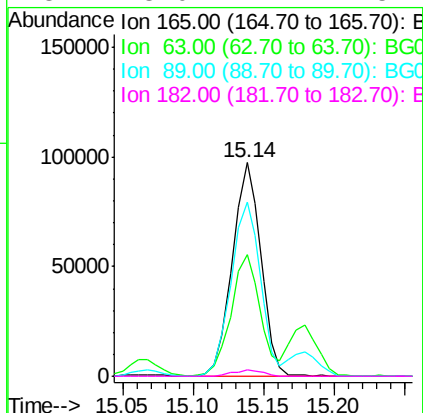
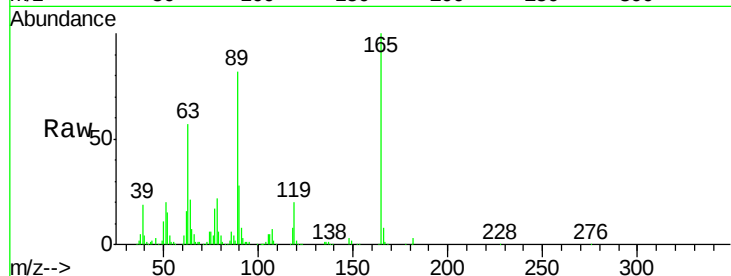




#57
 2,4-Dinitrotoluene
 Concen: 50.224 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

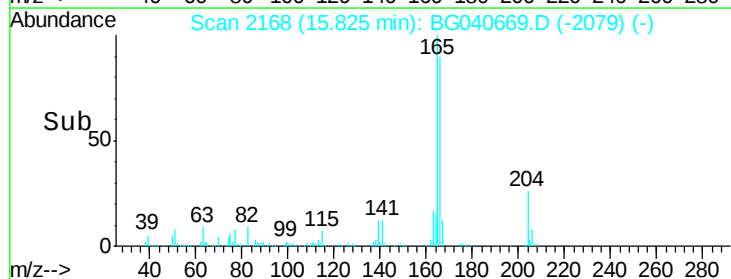
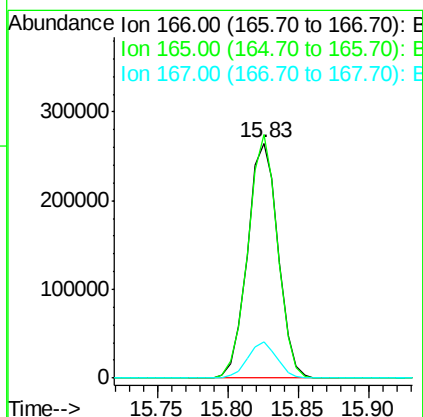
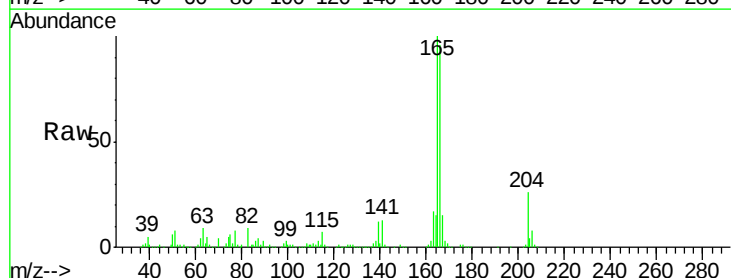
Instrument :
 BNA_G
 ClientSampled :

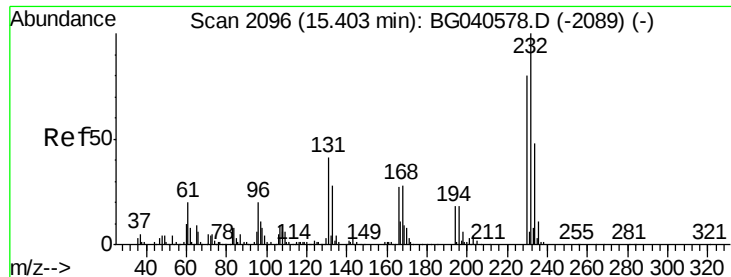
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	57.0	45.8	68.8	
89	81.7	69.4	104.2	
182	3.0	2.2	3.4	



#58
 Fluorene
 Concen: 41.061 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	103.6	79.6	119.4	
167	15.5	12.2	18.2	

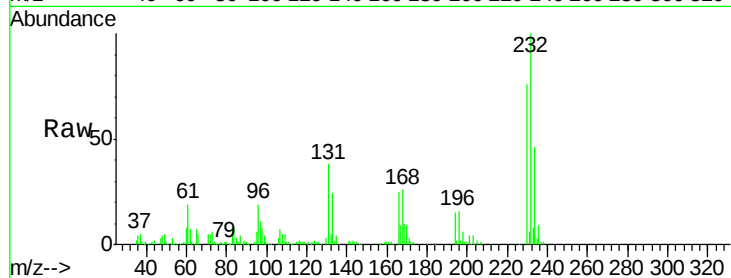




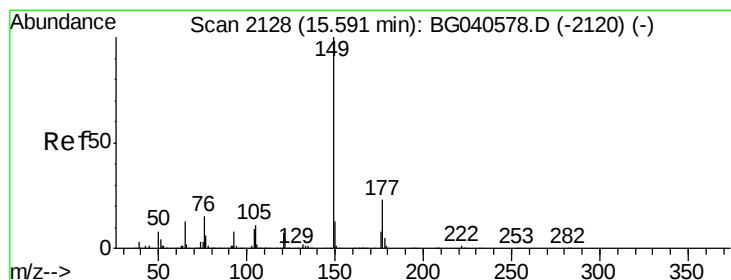
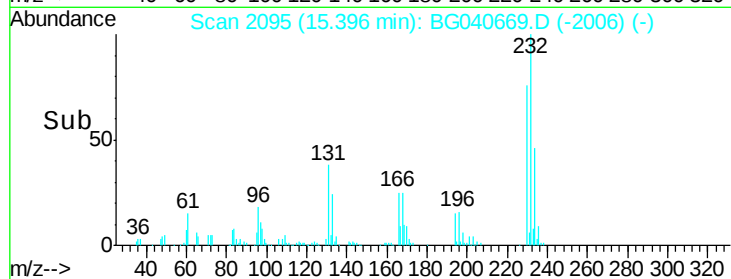
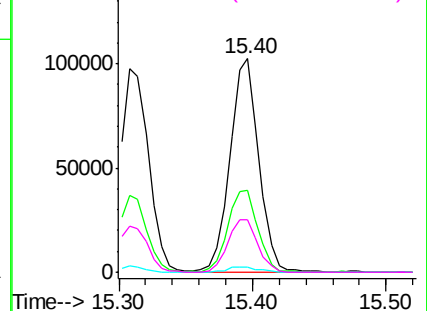
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.454 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	153719
Ion	Ratio	Lower Upper
232	100	
131	40.5	33.0 49.4
130	2.7	2.0 3.0
166	26.3	22.1 33.1

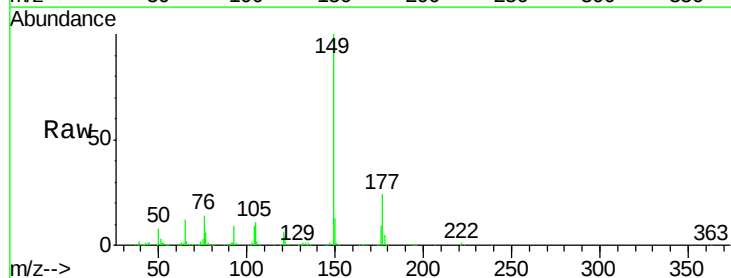


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

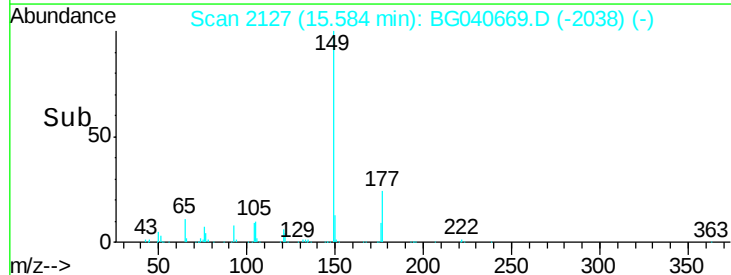
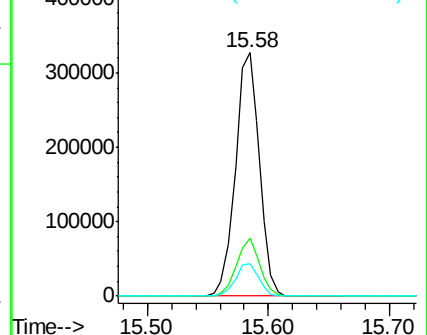


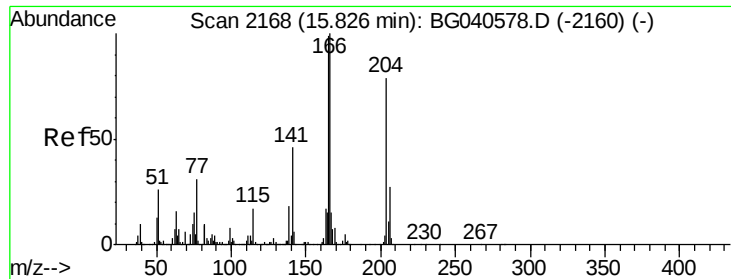
#60
 Diethylphthalate
 Concen: 41.316 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion:149	Resp:	450186
Ion	Ratio	Lower Upper
149	100	
177	23.6	18.5 27.7
150	13.1	10.2 15.4



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

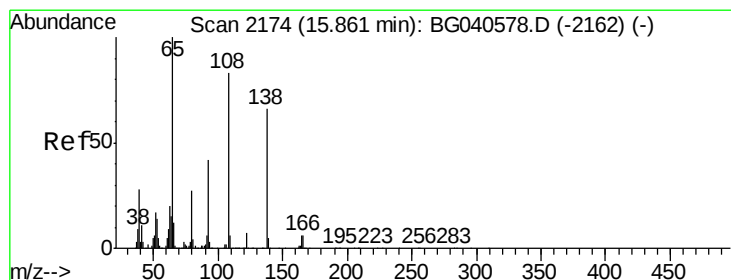
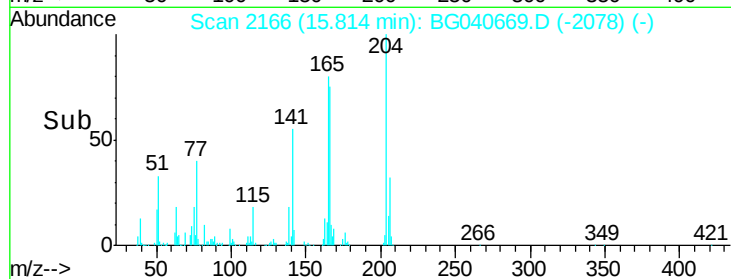
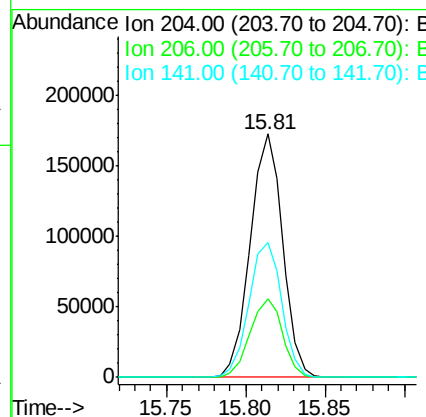
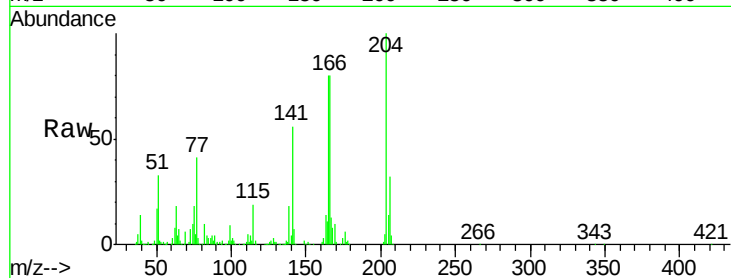




#61
4-Chlorophenyl-phenylether
Concen: 42.963 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

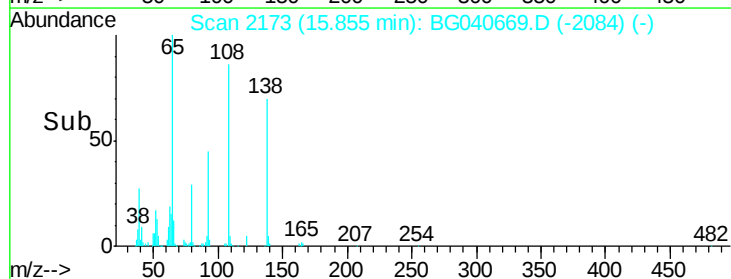
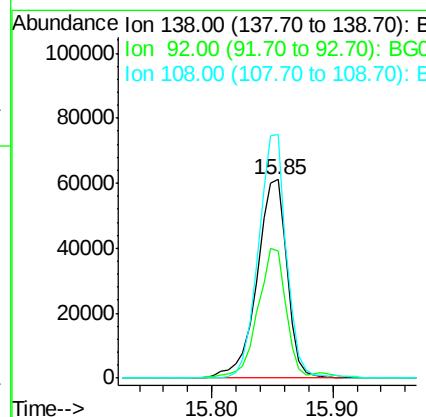
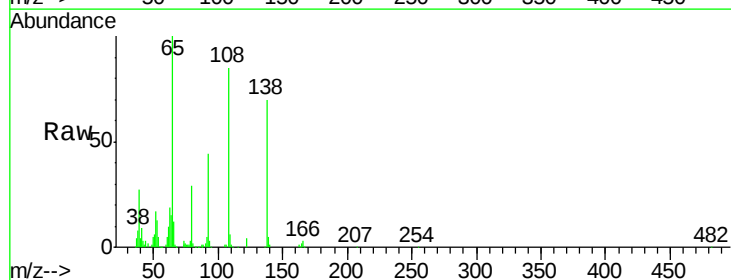
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.4	41.2
141	55.5	46.0	69.0



#62
4-Nitroaniline
Concen: 46.004 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.8	43.9	83.9
108	122.8	106.5	146.5





#63

Azobenzene

Concen: 40.530 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 454808

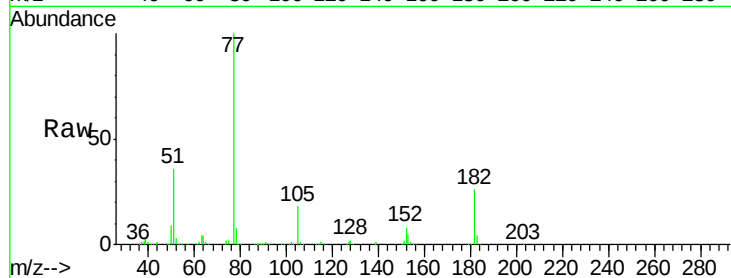
Ion Ratio Lower Upper

77 100

182 25.8 5.0 45.0

105 17.9 0.0 37.6

51 36.1 16.3 56.3

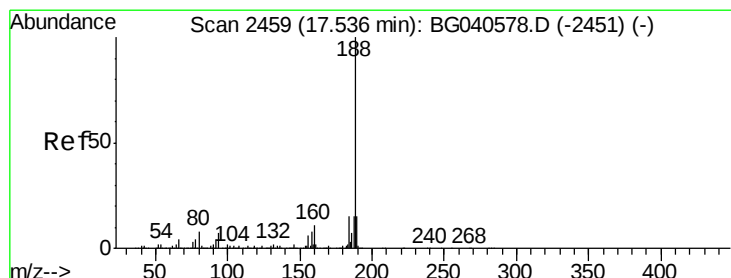
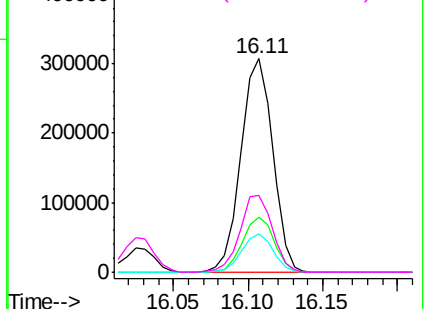
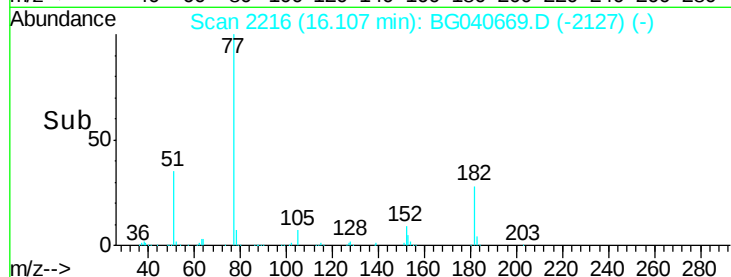


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

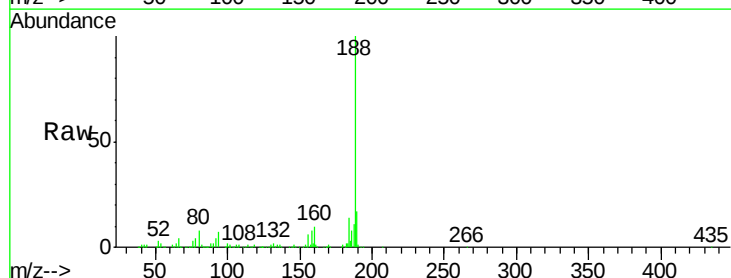
Tgt Ion: 188 Resp: 331531

Ion Ratio Lower Upper

188 100

94 6.7 5.6 8.4

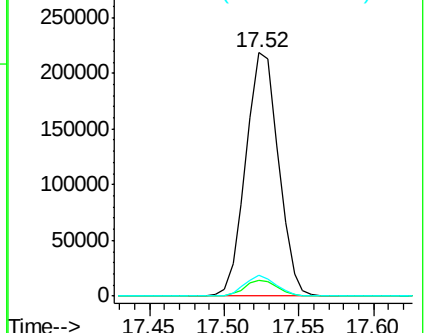
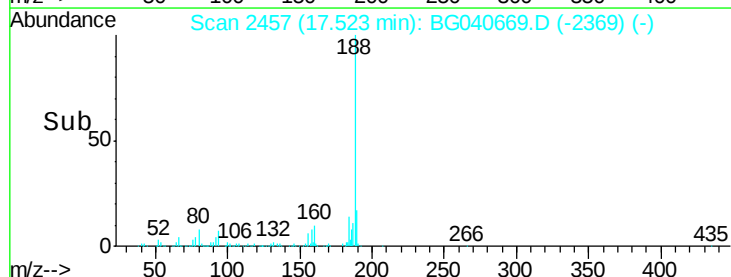
80 8.4 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.695 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

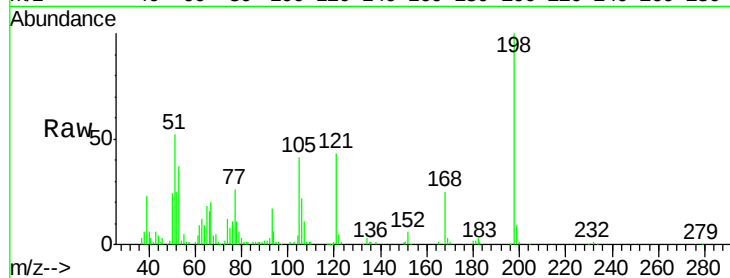
Tot Ion:198 Resp: 73992

Ion	Ratio	Lower	Upper
198	100		
51	51.9	35.9	75.9
105	40.9	21.2	61.2

198 100

51 51.9 35.9 75.9

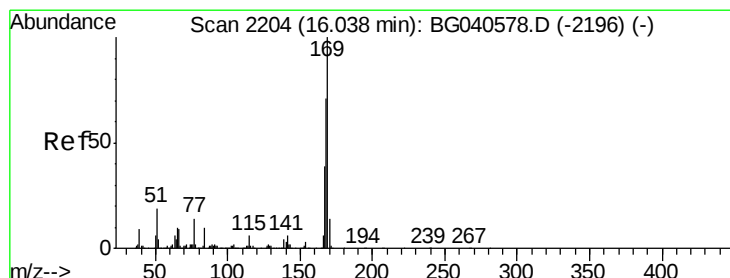
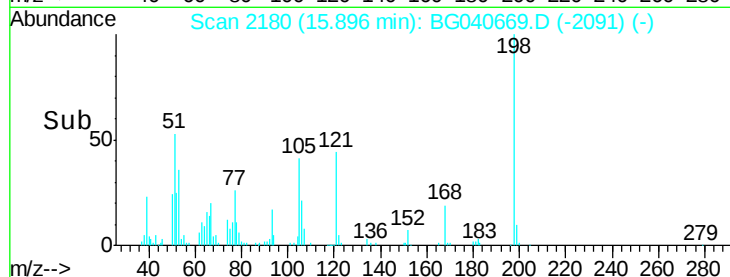
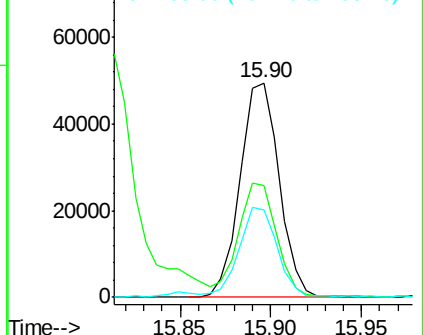
105 40.9 21.2 61.2



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: 38.521 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

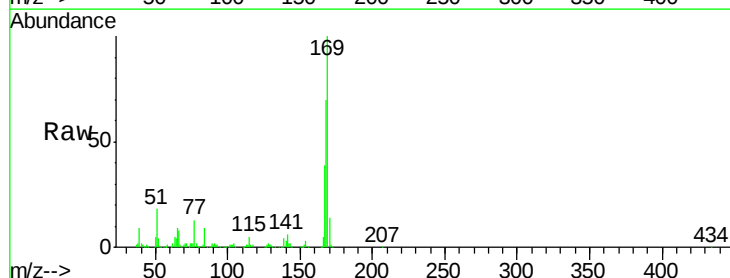
Tgt Ion:169 Resp: 375737

Ion	Ratio	Lower	Upper
169	100		
168	70.0	56.8	85.2
167	38.6	31.4	47.0

169 100

168 70.0 56.8 85.2

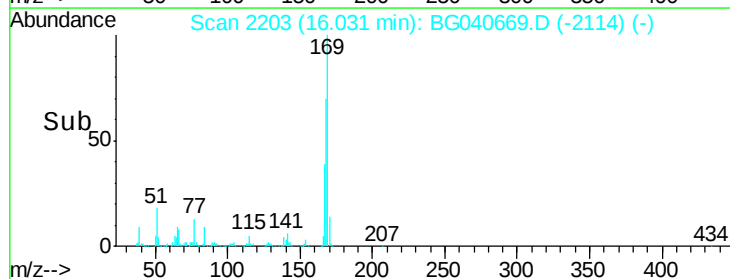
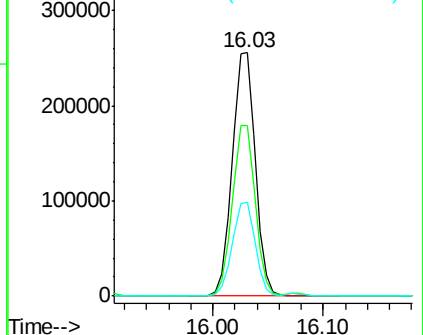
167 38.6 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

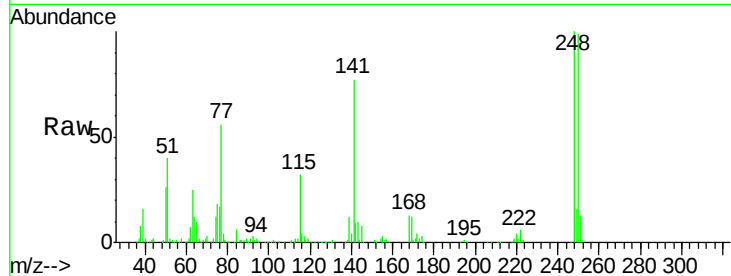




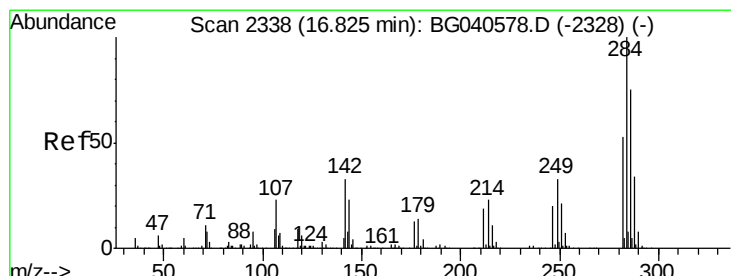
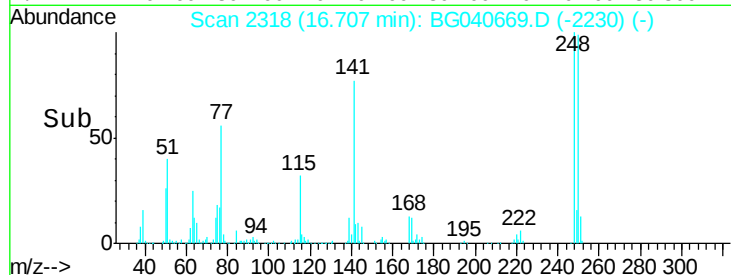
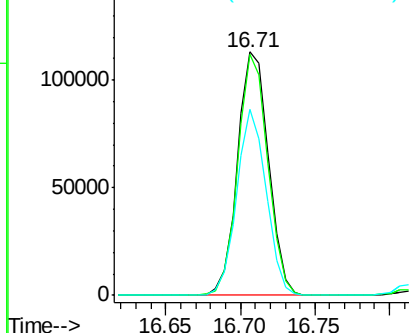
#67
4-Bromophenyl-phenylether
Concen: 39.437 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 162891
Ion Ratio Lower Upper
248 100
250 99.2 79.8 119.6
141 76.6 60.8 91.2

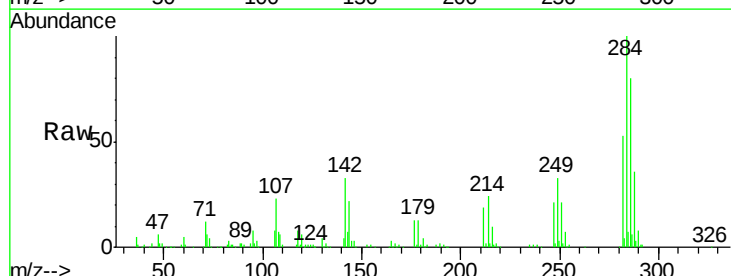


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

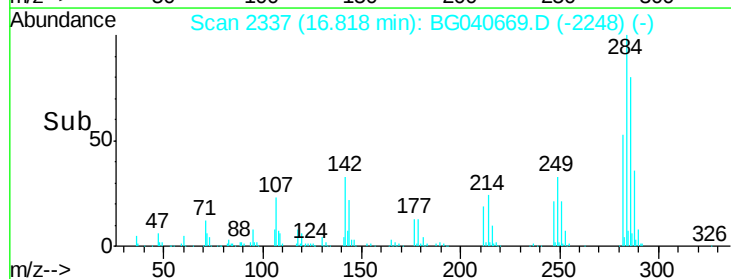
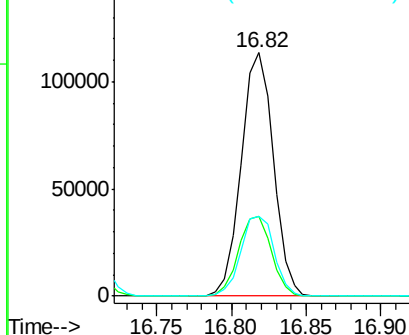


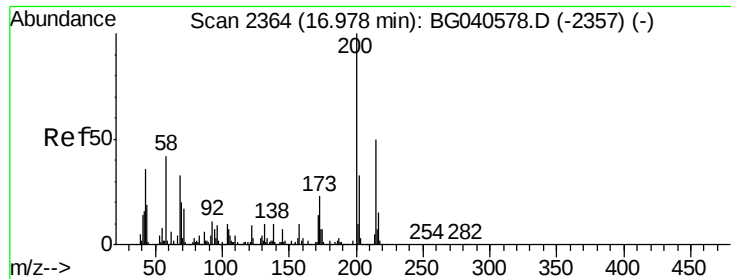
#68
Hexachlorobenzene
Concen: 39.621 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion:284 Resp: 169218
Ion Ratio Lower Upper
284 100
142 32.7 26.6 40.0
249 32.9 26.0 39.0



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





#69

Atrazine

Concen: 62.443 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

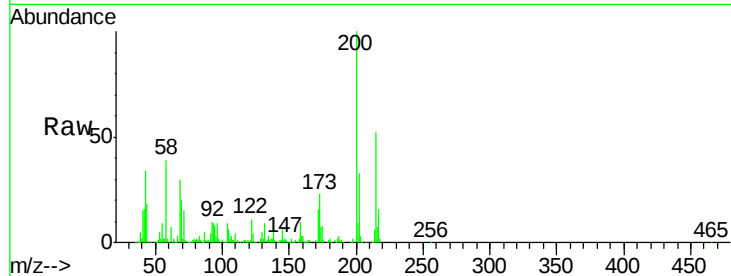
Tot Ion:200 Resp: 241309

Ion Ratio Lower Upper

200 100

173 23.3 2.8 42.8

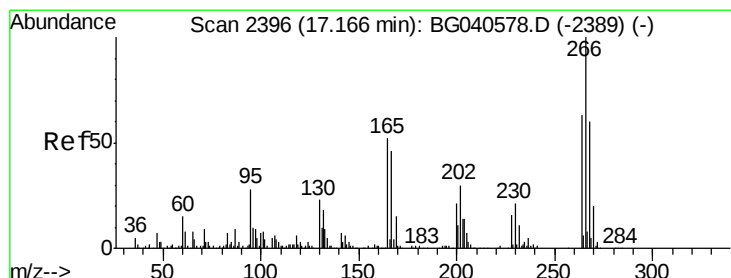
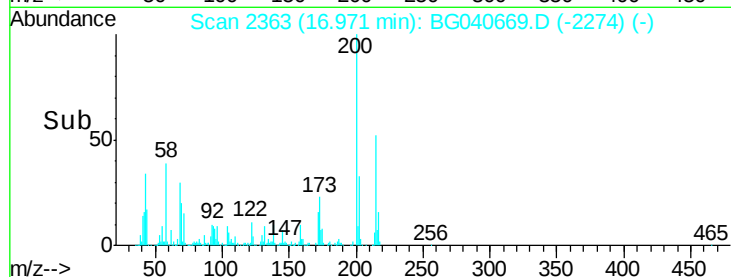
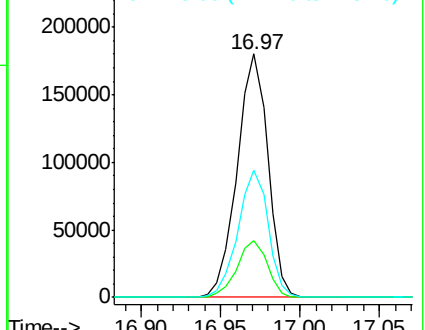
215 52.1 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.302 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

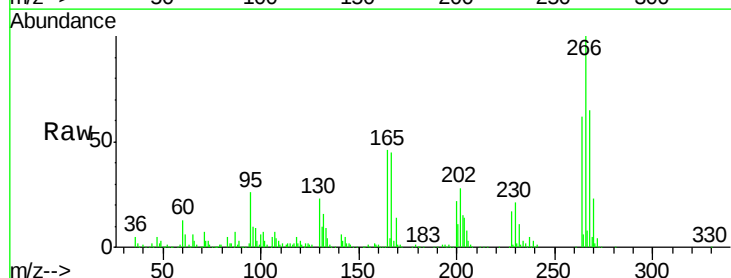
Tgt Ion:266 Resp: 228179

Ion Ratio Lower Upper

266 100

268 65.2 52.3 78.5

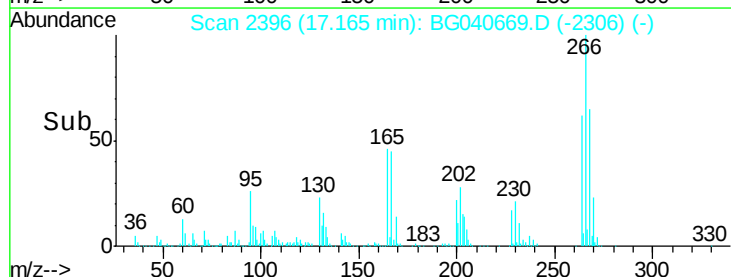
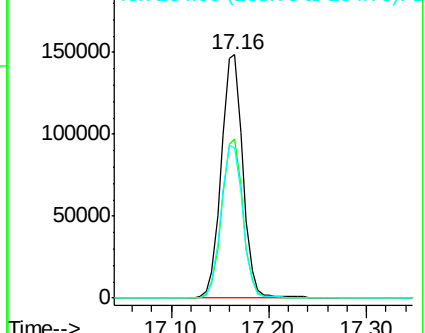
264 61.7 50.0 75.0

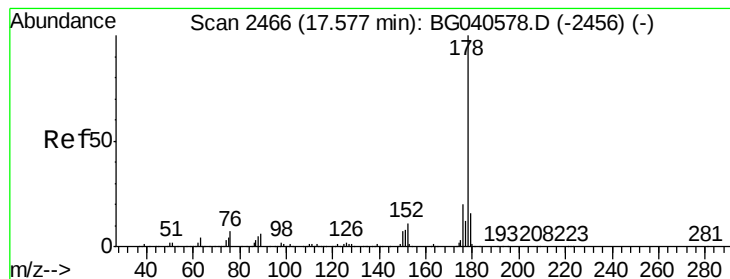


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.183 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

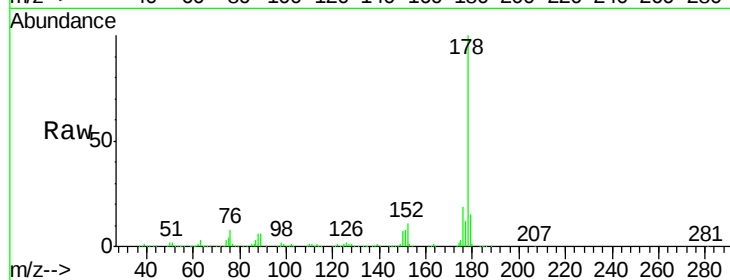
Tot Ion:178 Resp: 735416

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

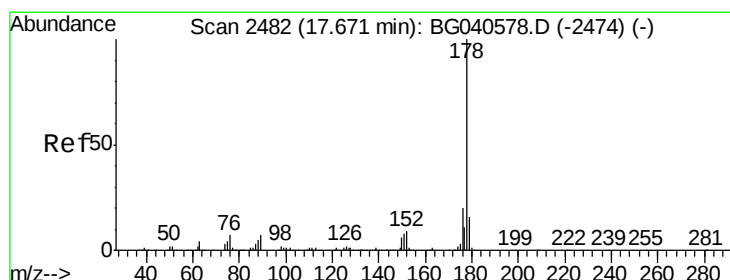
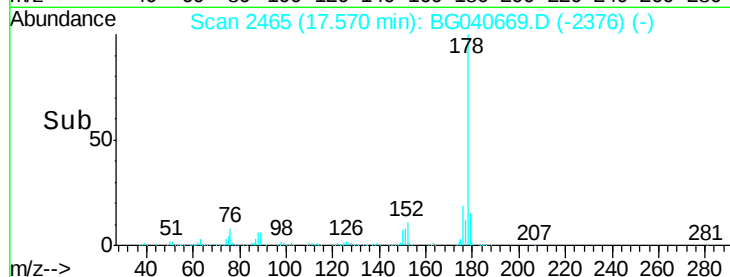
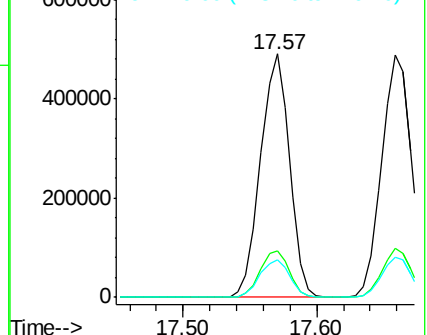
179 15.4 12.6 18.8



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: 41.646 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

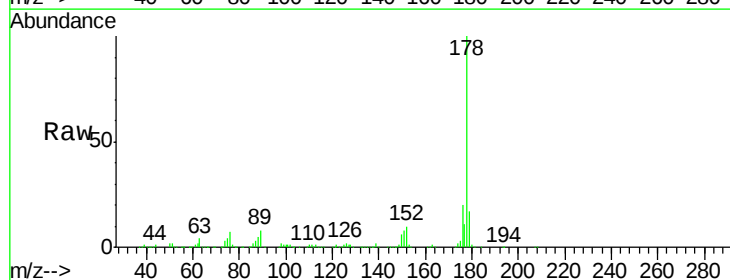
Tgt Ion:178 Resp: 747522

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

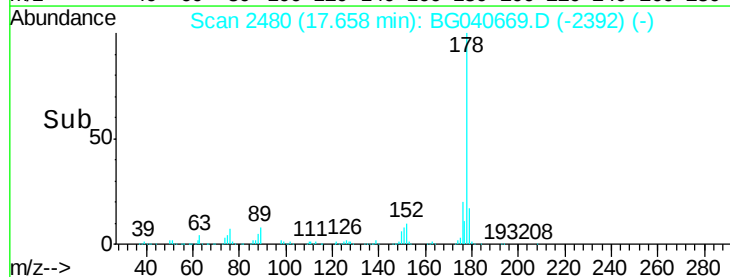
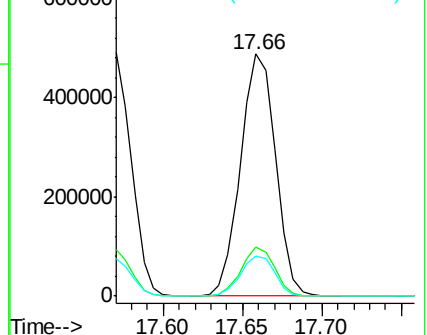
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

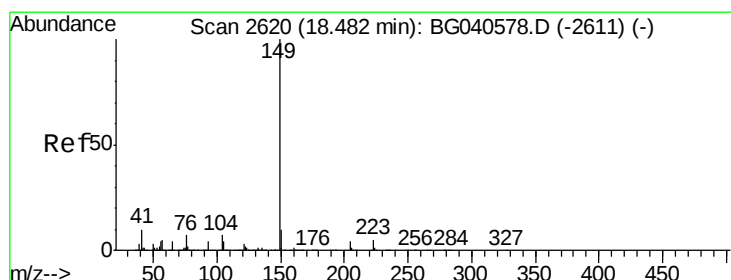
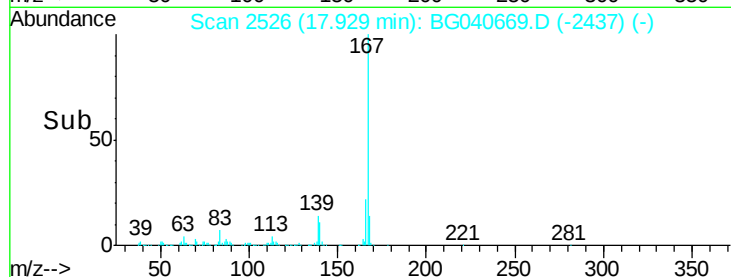
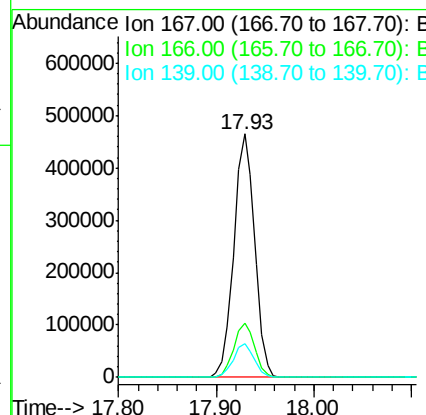
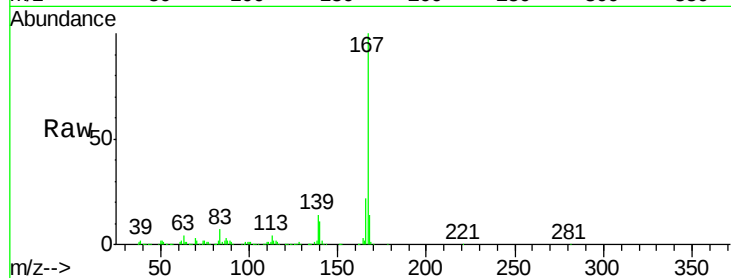




#73
 Carbazole
 Concen: 41.885 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

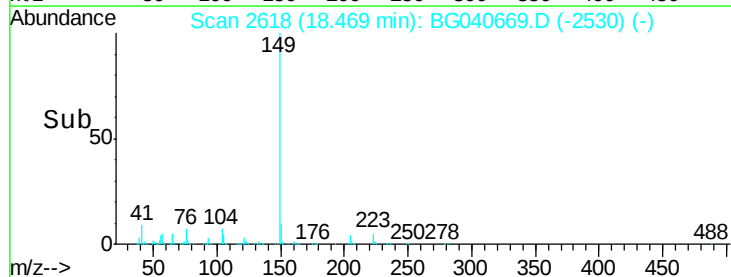
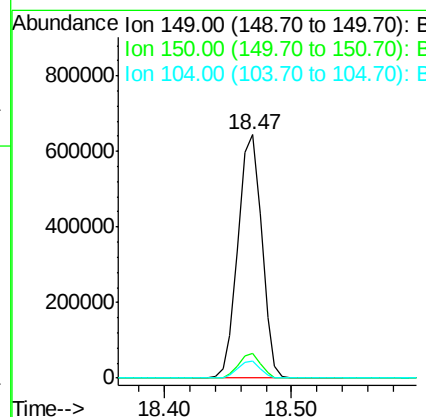
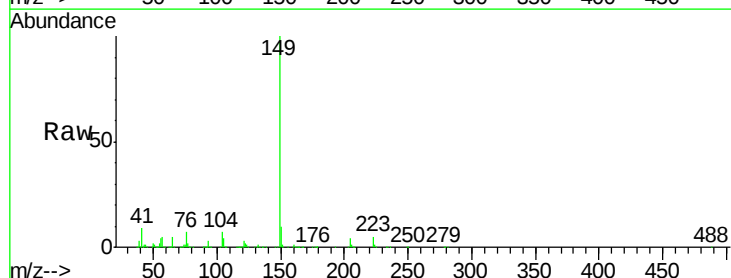
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 42.169 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.9	5.4	8.2





#75

Fluoranthene

Concen: 44.684 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG040669.D

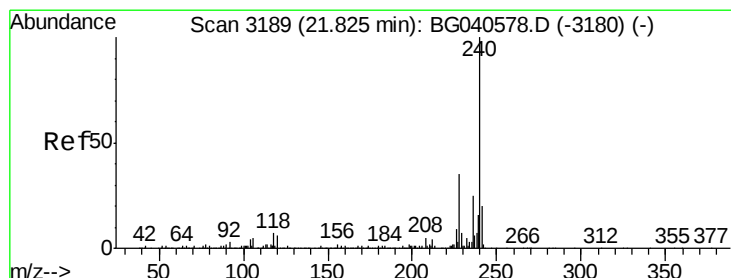
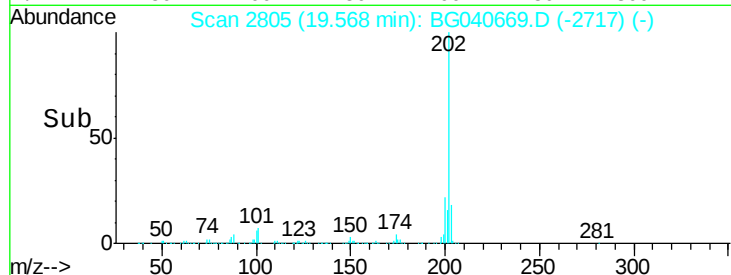
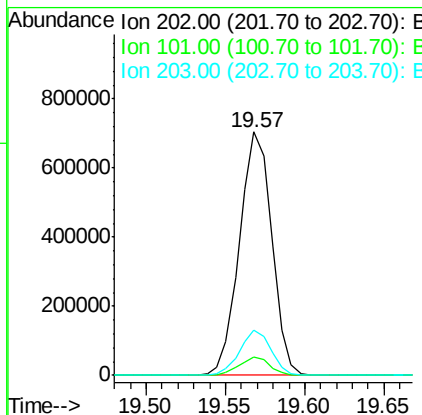
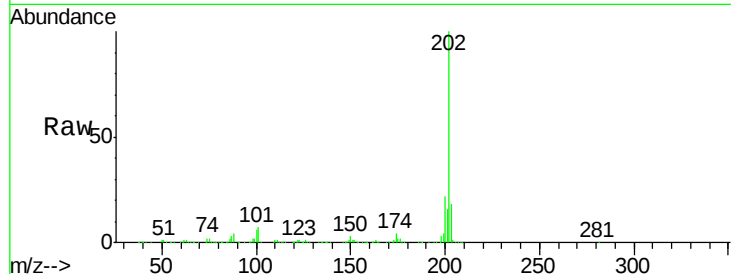
Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	994349
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.5
203	18.5	0.0	39.3



#76

Chrysene-d12

Concen: 20.000 ng

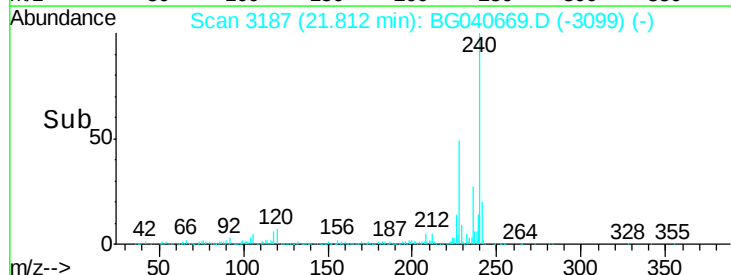
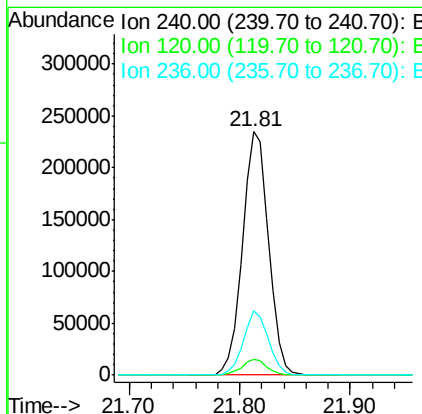
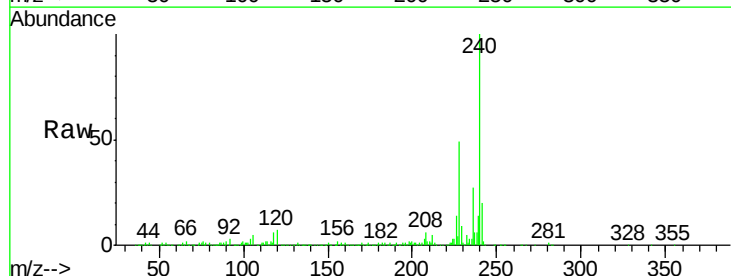
RT: 21.81 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Tgt Ion:	240	Resp:	388195
Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.0	7.6
236	26.7	20.3	30.5





#77

Benzidine

Concen: 35.219 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

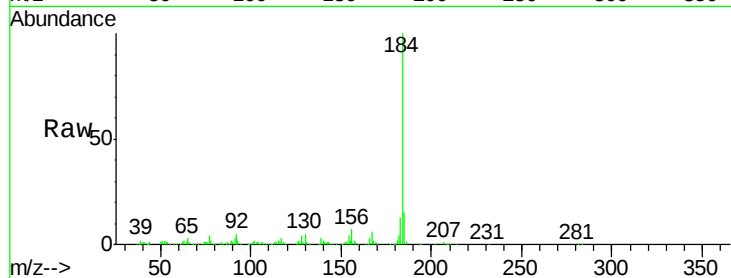
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 374339

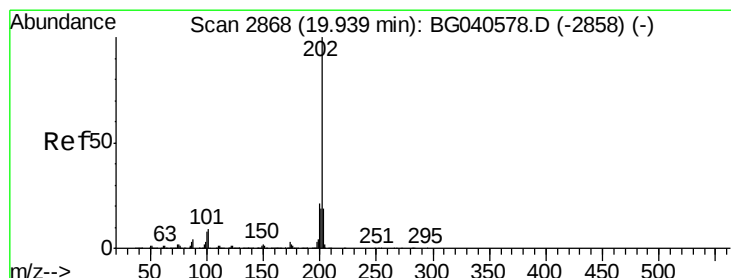
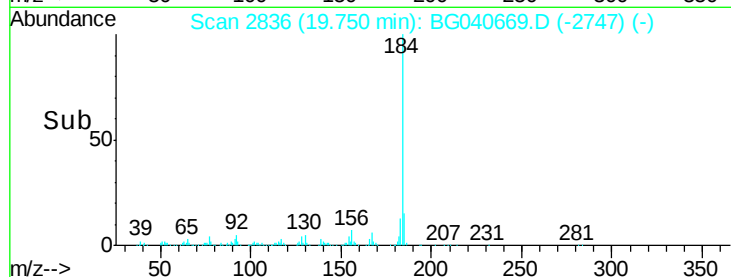
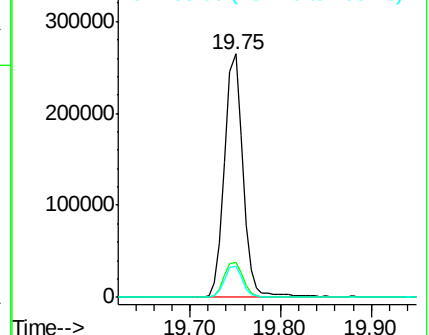
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	12.8	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.201 ng

RT: 19.93 min Scan# 2867

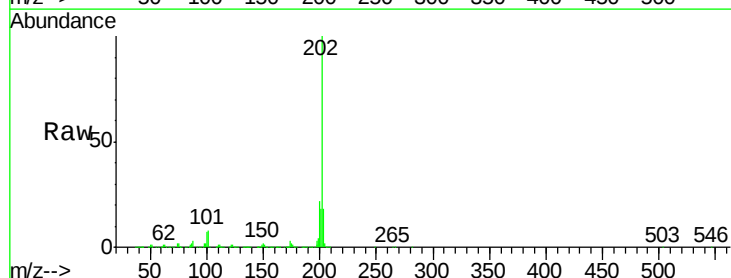
Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Tgt Ion:202 Resp: 1002444

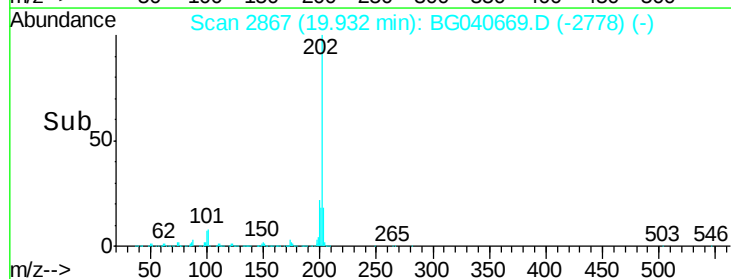
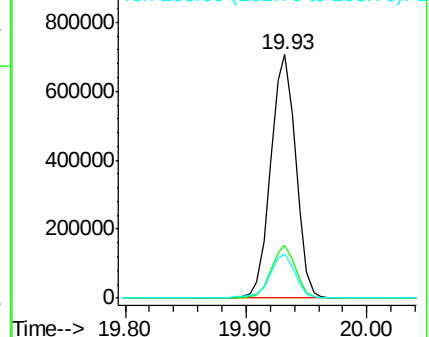
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.9	15.0	22.4

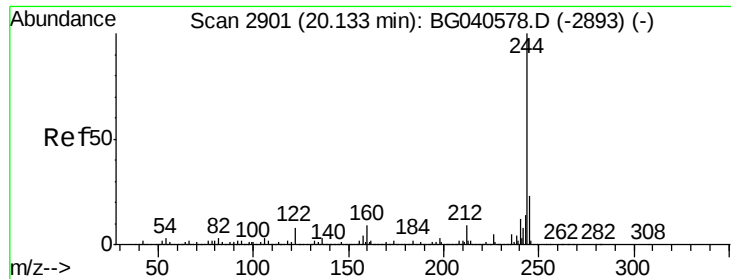


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



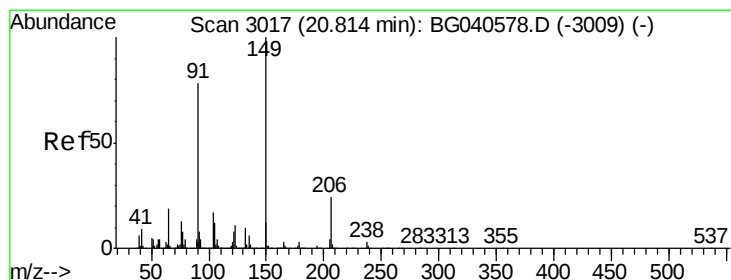
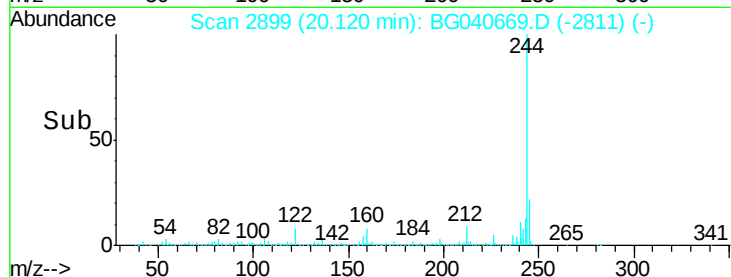
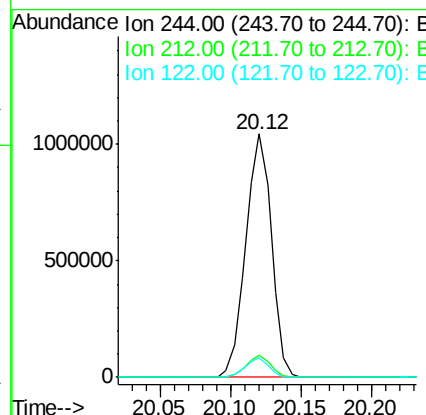
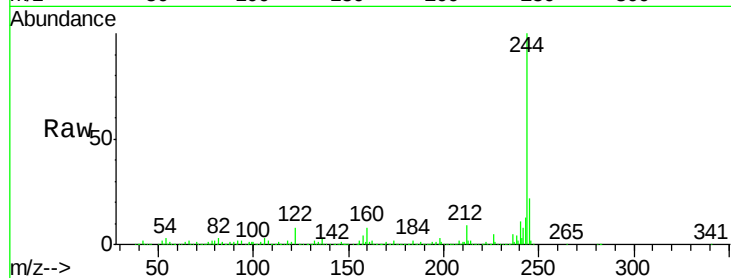


#79
 Terphenyl-d14
 Concen: 75.800 ng
 RT: 20.12 min Scan# 2899
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1328202

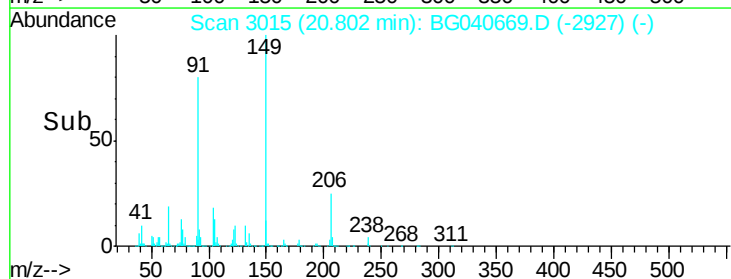
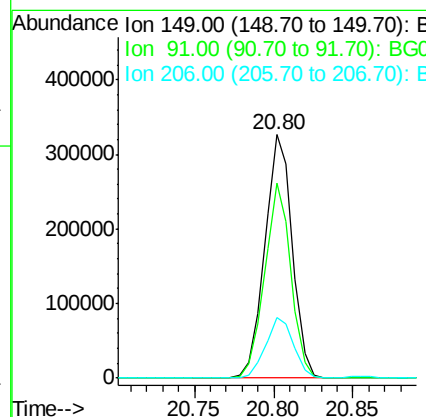
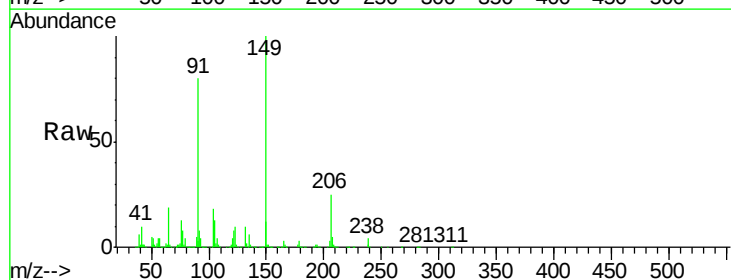
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	7.9	6.6	10.0

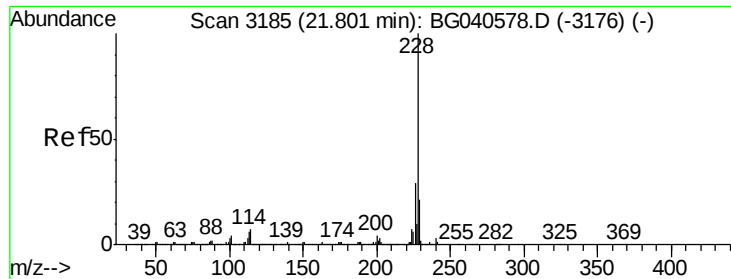


#80
 Butylbenzylphthalate
 Concen: 41.546 ng
 RT: 20.80 min Scan# 3015
 Delta R.T. -0.01 min
 Lab File: BG040669.D
 Acq: 29 Apr 2019 19:49

Tgt Ion:149 Resp: 393977

Ion	Ratio	Lower	Upper
149	100		
91	79.9	62.6	93.8
206	25.0	19.4	29.2





#81

Benzo(a)anthracene

Concen: 39.110 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

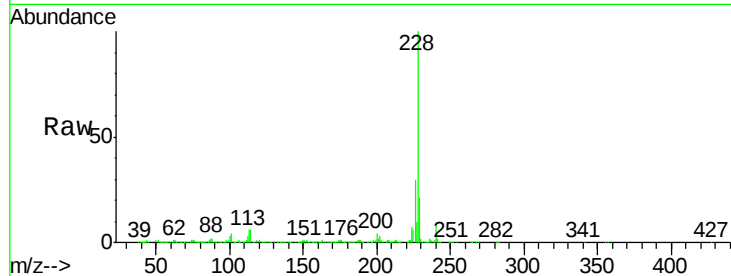
Tot Ion:228 Resp: 959538

Ion Ratio Lower Upper

228 100

226 29.7 23.1 34.7

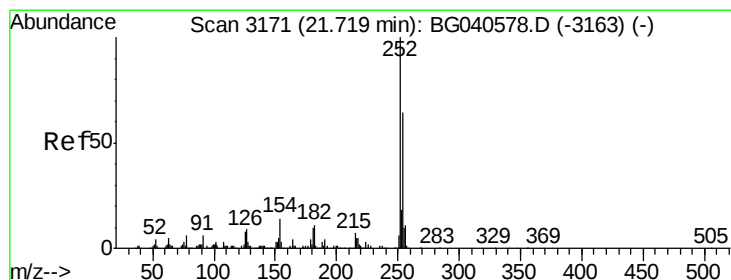
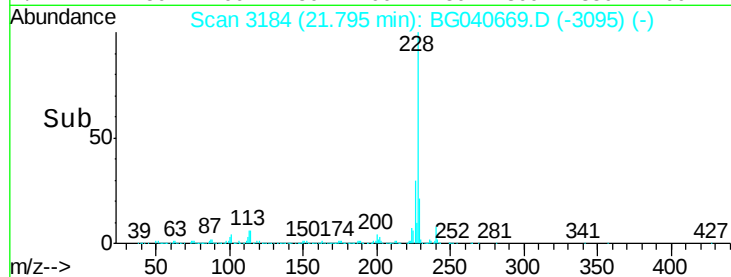
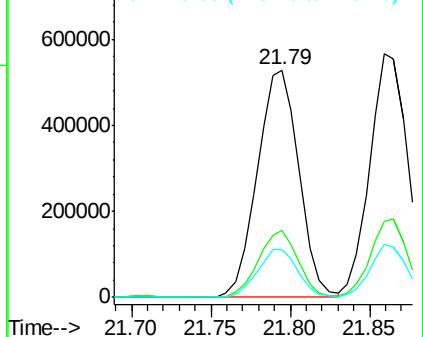
229 21.3 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.915 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

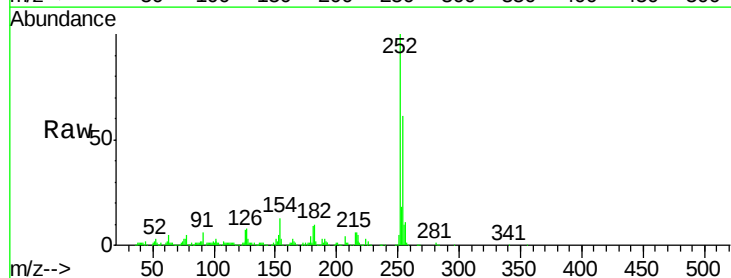
Tgt Ion:252 Resp: 226619

Ion Ratio Lower Upper

252 100

254 61.0 51.2 76.8

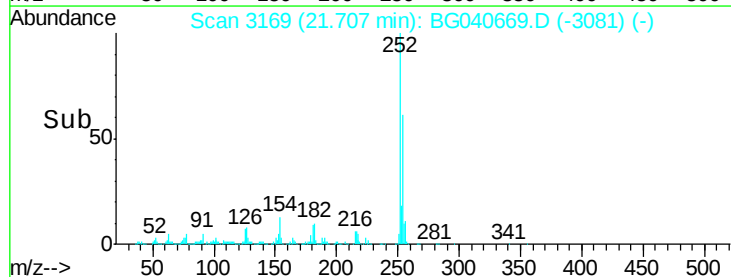
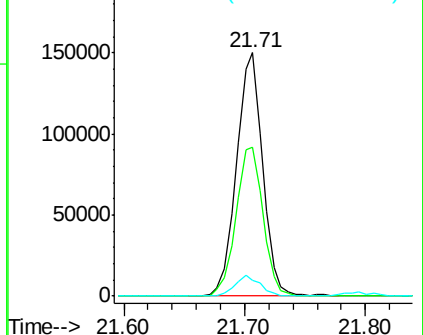
126 6.6 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.186 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

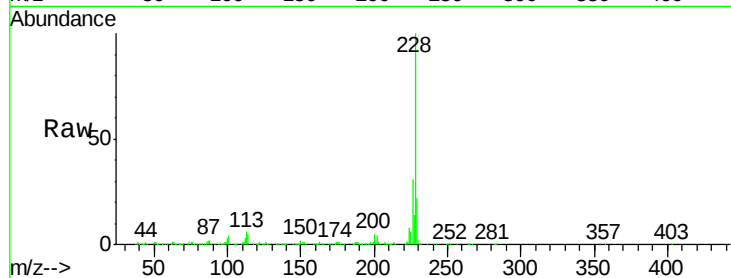
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 937657

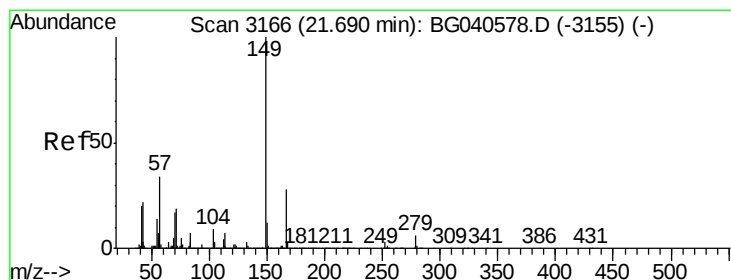
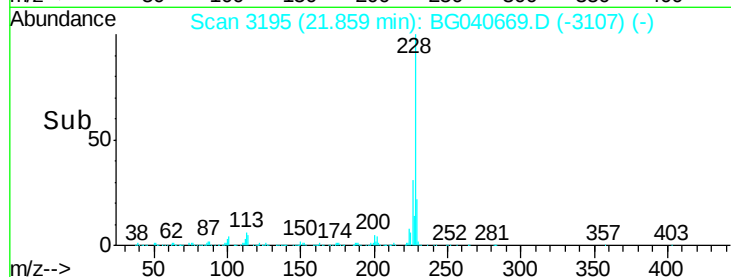
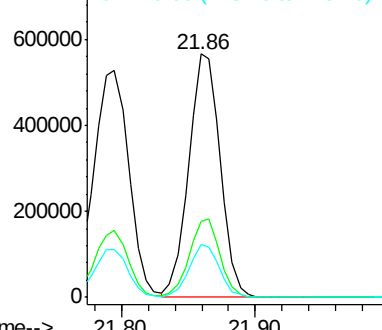
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	21.6	16.8	25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.301 ng

RT: 21.67 min Scan# 3163

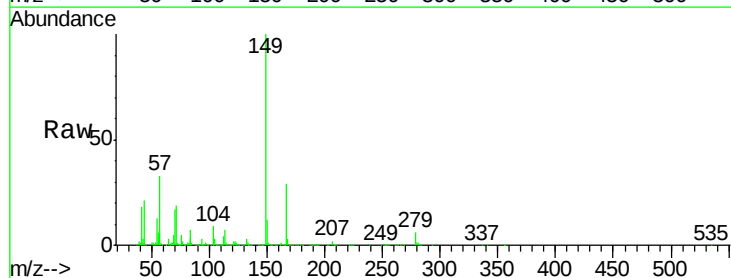
Delta R.T. -0.02 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Tgt Ion:149 Resp: 537968

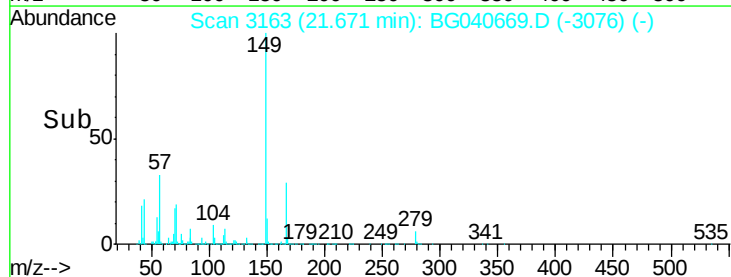
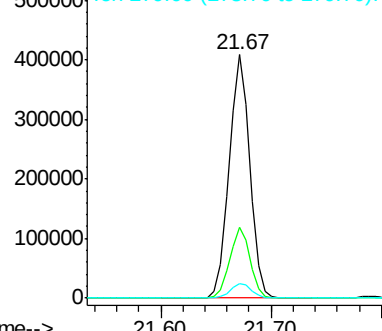
Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.4	33.6
279	6.0	4.6	6.8

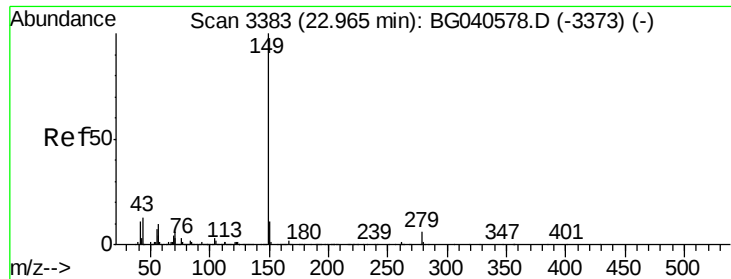


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.896 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.03 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

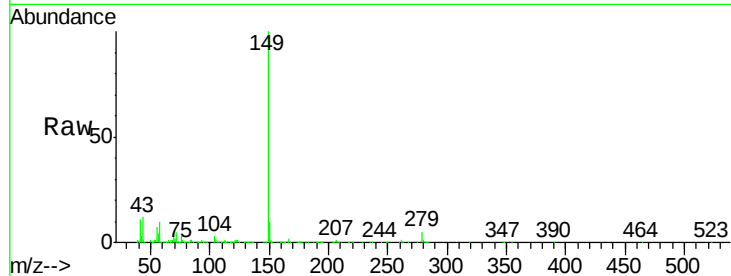
Tot Ion:149 Resp: 919734

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

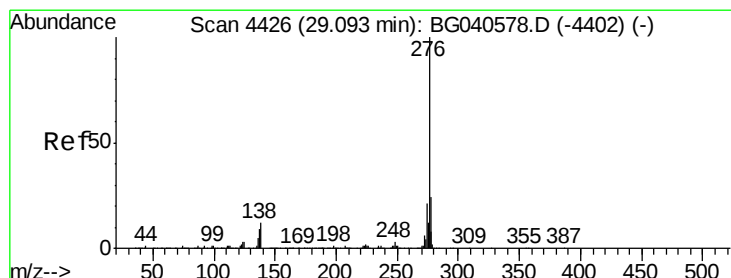
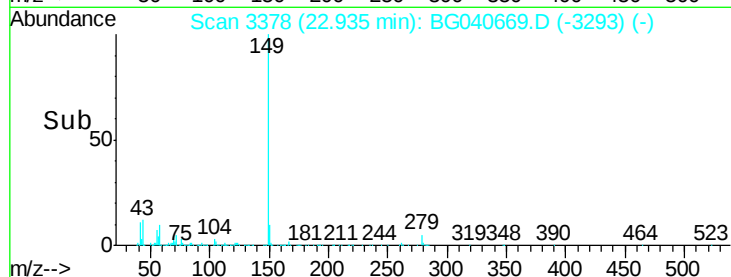
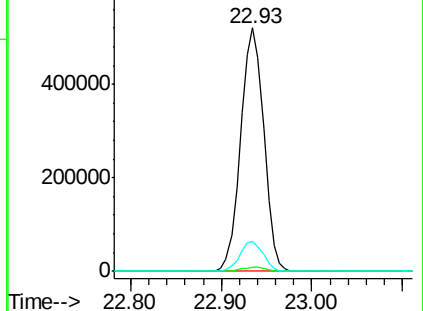
43 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.322 ng

RT: 29.06 min Scan# 4420

Delta R.T. -0.04 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

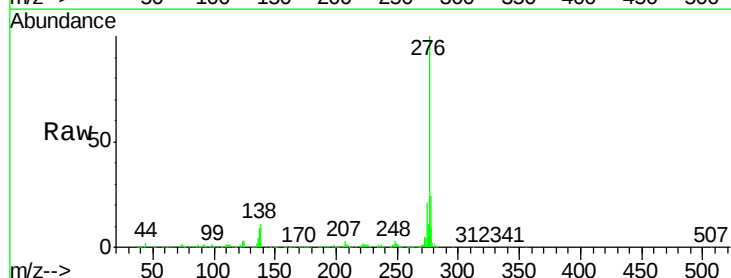
Tgt Ion:276 Resp: 1137500

Ion Ratio Lower Upper

276 100

138 9.2 9.8 14.6#

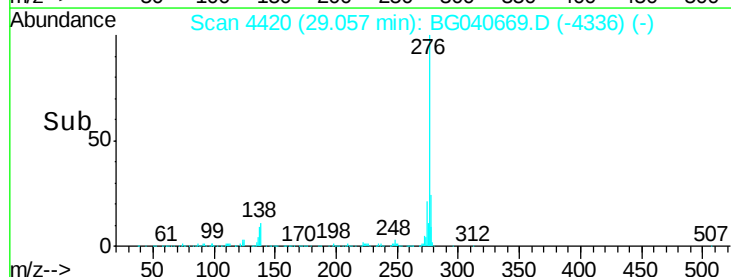
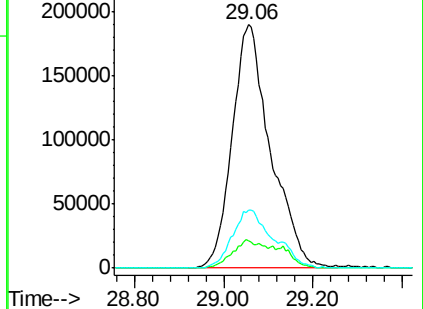
277 25.7 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



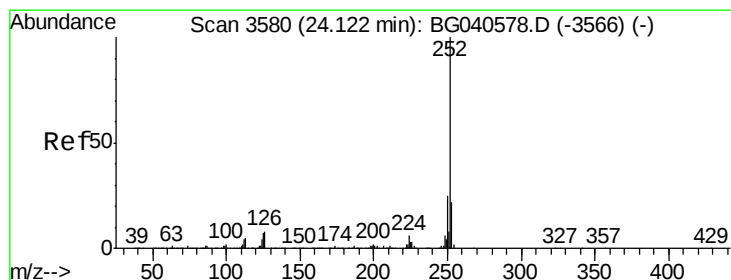
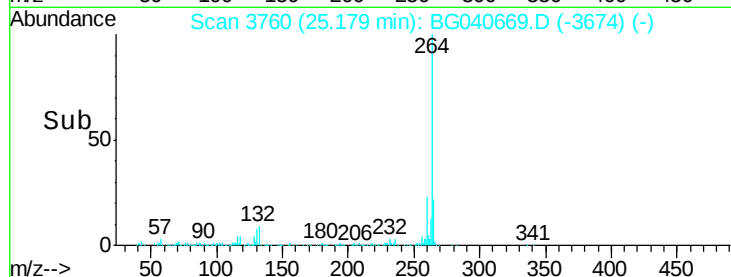
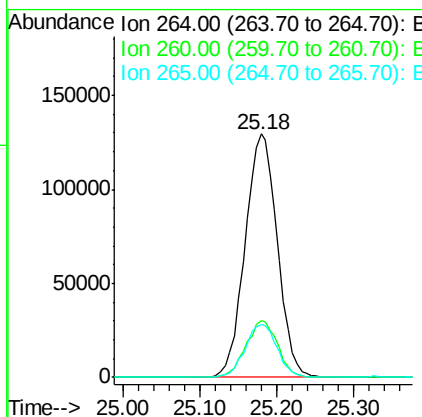
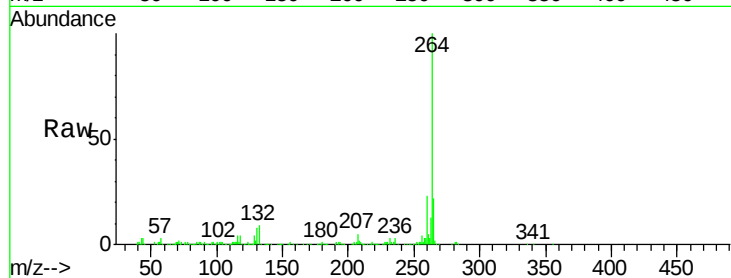


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 378376

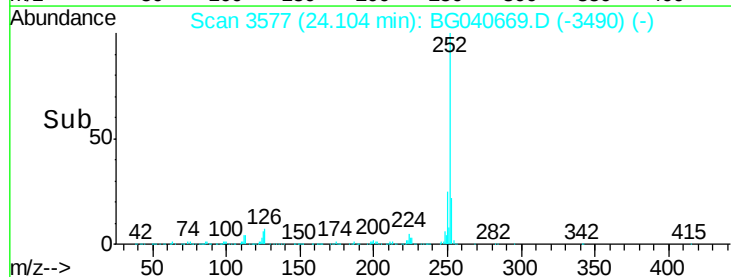
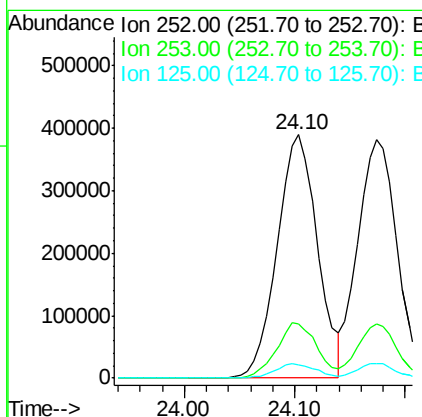
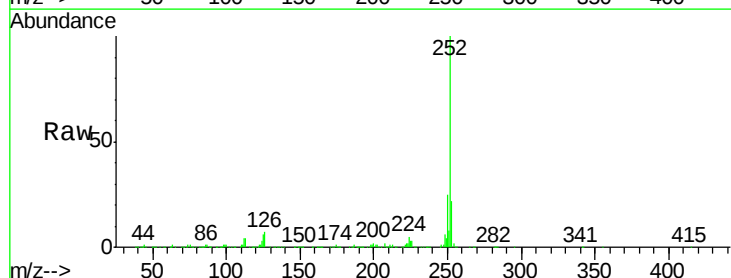
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	16.6	25.0



#88
Benzo(b)fluoranthene
Concen: 42.337 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG040669.D
Acq: 29 Apr 2019 19:49

Tgt Ion:252 Resp: 978922

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	5.6	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 43.623 ng

RT: 24.17 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampled :

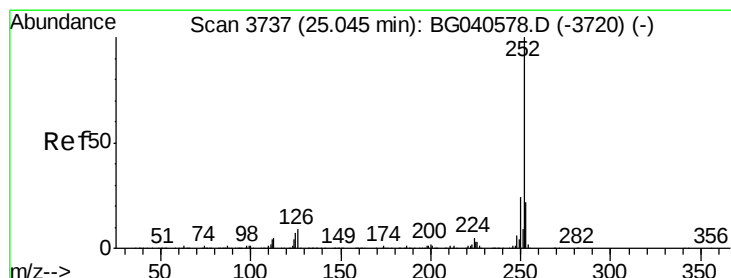
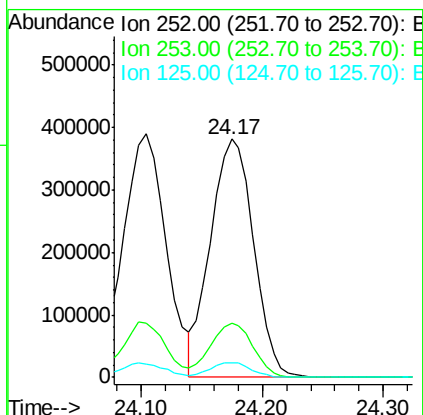
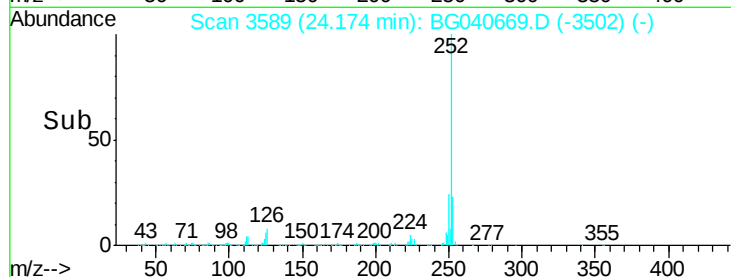
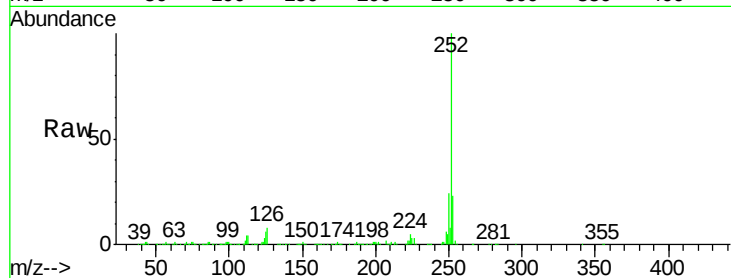
Tot Ion:252 Resp: 941989

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 6.3 5.5 8.3



#90

Benzo(a)pyrene

Concen: 43.447 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

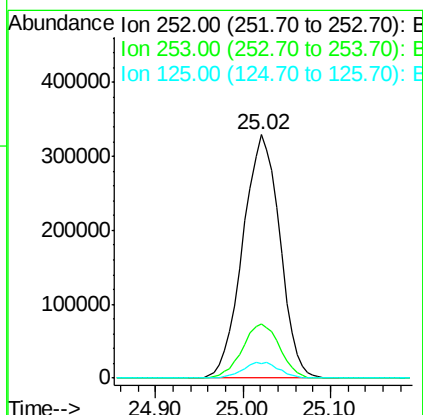
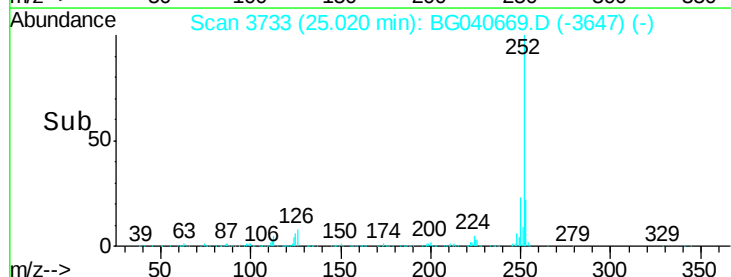
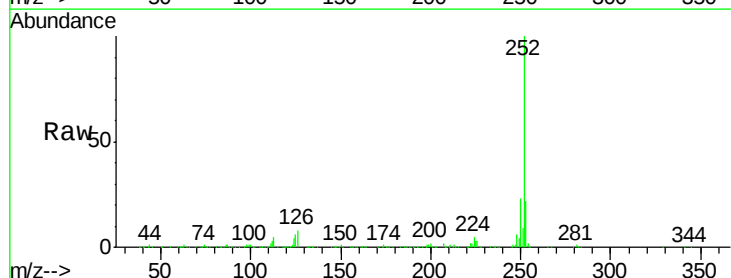
Tgt Ion:252 Resp: 950911

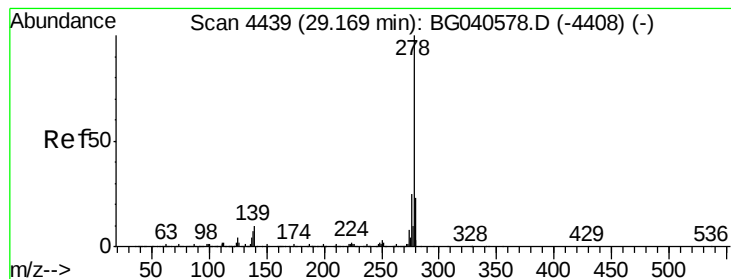
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 5.9 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.566 ng

RT: 29.13 min Scan# 4433

Delta R.T. -0.04 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

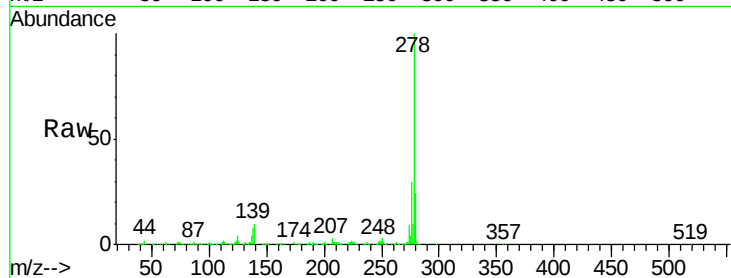
Tot Ion:278 Resp: 920629

Ion Ratio Lower Upper

278 100

139 10.0 8.2 12.4

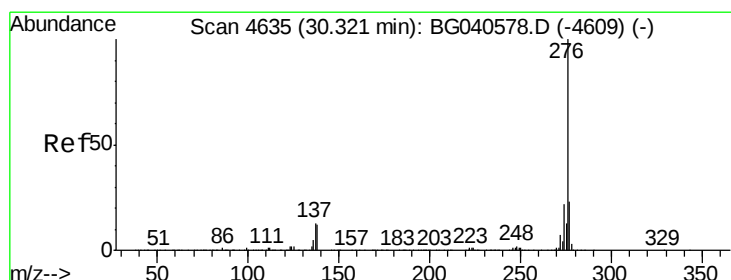
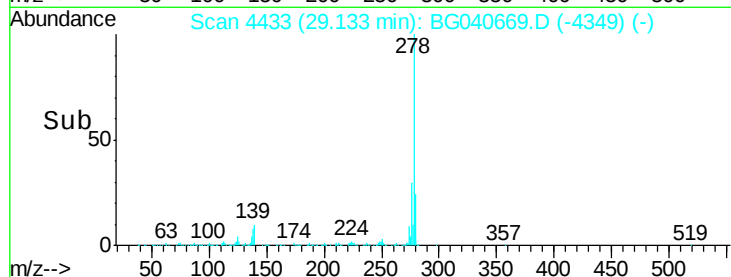
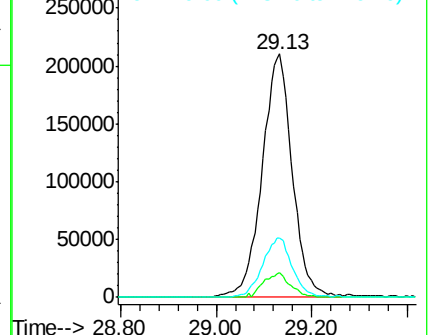
279 24.4 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.034 ng

RT: 30.28 min Scan# 4628

Delta R.T. -0.04 min

Lab File: BG040669.D

Acq: 29 Apr 2019 19:49

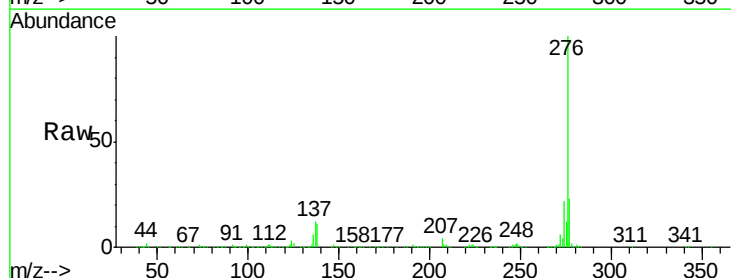
Tgt Ion:276 Resp: 926559

Ion Ratio Lower Upper

276 100

277 22.6 18.4 27.6

138 11.4 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

