

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040365.D
 Acq On : 4 Apr 2019 18:37
 Operator : JU/SJ
 Sample : PB118524BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:20:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54862	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	213525	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	134809	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	347341	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	372668	20.00	ng	-0.03
87) Perylene-d12	24.97	264	373530	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	425003	128.78	ng	-0.02
7) Phenol-d6	7.21	99	564870	123.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	306145	76.21	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	215380	147.83	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	710165	78.06	ng	-0.02
79) Terphenyl-d14	20.02	244	1262635	76.22	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	89525	57.692	ng	97
3) Pyridine	3.89	79	159240	38.113	ng	95
4) n-Nitrosodimethylamine	3.82	42	71341	36.913	ng	# 89
6) Aniline	7.37	93	150887	25.464	ng	96
8) 2-Chlorophenol	7.61	128	151762	39.285	ng	96
9) Benzaldehyde	7.19	77	42992	13.742	ng	97
10) Phenol	7.23	94	200695	40.541	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	148458	37.442	ng	99
12) 1,3-Dichlorobenzene	7.94	146	160243	38.158	ng	99
13) 1,4-Dichlorobenzene	8.08	146	162941	38.957	ng	98
14) 1,2-Dichlorobenzene	8.40	146	153994	38.500	ng	99
15) Benzyl Alcohol	8.29	79	132132	35.973	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	274894	36.125	ng	98
17) 2-Methylphenol	8.49	107	134867	39.371	ng	97
18) Hexachloroethane	9.13	117	59642	37.488	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	116649	35.672	ng	91
20) 3+4-Methylphenols	8.82	107	185567	39.987	ng	99
22) Acetophenone	8.88	105	223754	42.009	ng	# 96
24) Nitrobenzene	9.26	77	169562	40.761	ng	98
25) Isophorone	9.77	82	324145	39.216	ng	99
26) 2-Nitrophenol	9.97	139	83639	42.432	ng	95
27) 2,4-Dimethylphenol	10.02	122	143810	45.931	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	199795	40.857	ng	99
29) 2,4-Dichlorophenol	10.51	162	152405	44.845	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	158646	42.514	ng	99
31) Naphthalene	10.91	128	463474	42.347	ng	99
32) Benzoic acid	10.14	122	57634	30.467	ng	93
33) 4-Chloroaniline	11.03	127	121197	25.961	ng	98
34) Hexachlorobutadiene	11.17	225	96486	40.429	ng	96
35) Caprolactam	11.81	113	35781	26.531	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	169082	43.277	ng	97
37) 2-Methylnaphthalene	12.51	142	344227	42.526	ng	99
38) 1-Methylnaphthalene	12.73	142	329510	41.980	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	176129	41.106	ng	99

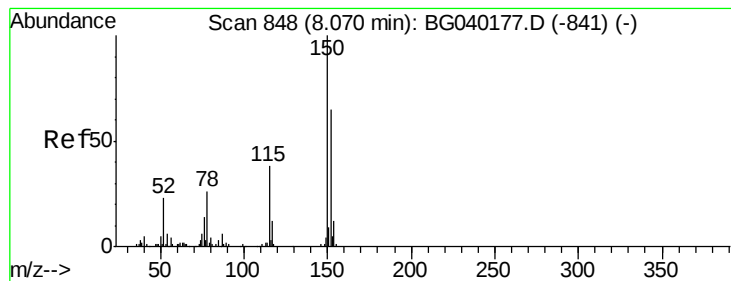
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	202214	85.953	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	124257	44.980	ng	92
44) 2,4,5-Trichlorophenol	13.19	196	135104	44.870	ng	99
46) 1,1'-Biphenyl	13.51	154	438583	41.175	ng	99
47) 2-Chloronaphthalene	13.56	162	344039	42.107	ng	98
48) 2-Nitroaniline	13.77	65	116802	42.381	ng	94
49) Acenaphthylene	14.40	152	570646	41.193	ng	100
50) Dimethylphthalate	14.13	163	442842	41.973	ng	99
51) 2,6-Dinitrotoluene	14.26	165	102497	43.266	ng	95
52) Acenaphthene	14.74	154	330250	41.604	ng	97
53) 3-Nitroaniline	14.60	138	79529	31.714	ng	97
54) 2,4-Dinitrophenol	14.80	184	106342	84.406	ng	90
55) Dibenzofuran	15.07	168	555252	43.532	ng	99
56) 4-Nitrophenol	14.90	139	178869	88.378	ng	97
57) 2,4-Dinitrotoluene	15.04	165	147373	44.770	ng	99
58) Fluorene	15.73	166	435156	43.393	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	130409	47.728	ng	99
60) Diethylphthalate	15.48	149	463446	42.926	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	234547	43.755	ng	98
62) 4-Nitroaniline	15.76	138	117202	43.551	ng	99
63) Azobenzene	16.00	77	432767	42.495	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	84176	43.136	ng	99
66) n-Nitrosodiphenylamine	15.93	169	414052	40.736	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	153573	39.289	ng	98
68) Hexachlorobenzene	16.72	284	158781	40.401	ng	99
69) Atrazine	16.87	200	157200	41.576	ng	98
70) Pentachlorophenol	17.07	266	179663	79.071	ng	94
71) Phenanthrene	17.47	178	763230	41.805	ng	99
72) Anthracene	17.56	178	780420	42.707	ng	99
73) Carbazole	17.83	167	754051	43.602	ng	99
74) Di-n-butylphthalate	18.36	149	891314	43.480	ng	100
75) Fluoranthene	19.47	202	974729	45.088	ng	100
77) Benzidine	19.66	184	358365	26.629	ng	98
78) Pyrene	19.83	202	998927	40.761	ng	99
80) Butylbenzylphthalate	20.70	149	438699	41.833	ng	97
81) Benzo(a)anthracene	21.68	228	935708	40.764	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	242816	27.808	ng	98
83) Chrysene	21.74	228	907699	41.146	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	626430	41.788	ng	99
85) Di-n-octyl phthalate	22.76	149	1057530	41.406	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1106940	41.026	ng	99
88) Benzo(b)fluoranthene	23.92	252	982453	42.960	ng	99
89) Benzo(k)fluoranthene	23.99	252	945255	44.947	ng	98
90) Benzo(a)pyrene	24.82	252	956103	44.559	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	905680	45.447	ng	97
92) Benzo(g,h,i)perylene	29.92	276	929004	45.361	ng	98

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

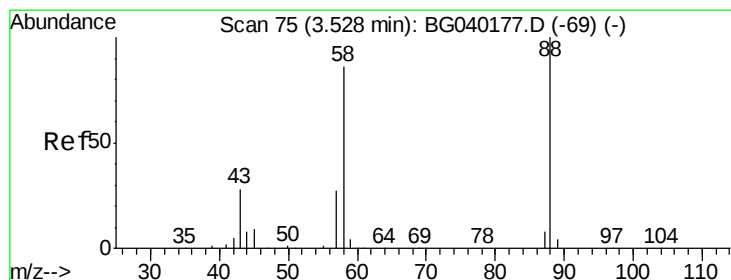
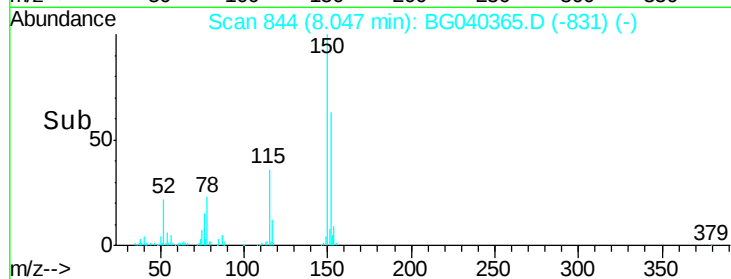
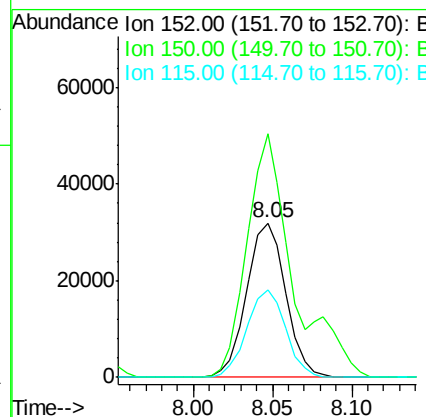
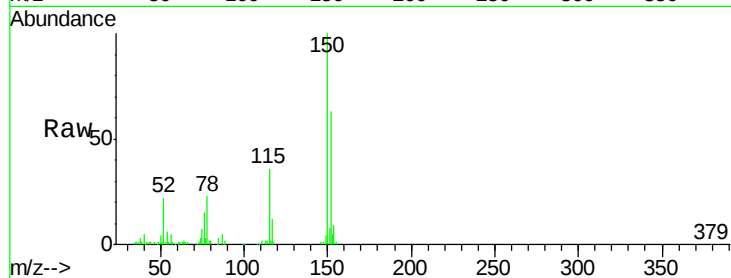


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampleId :

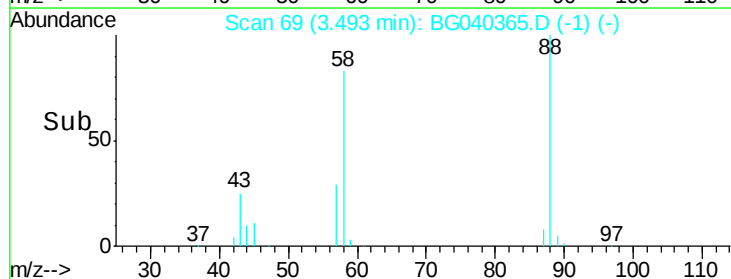
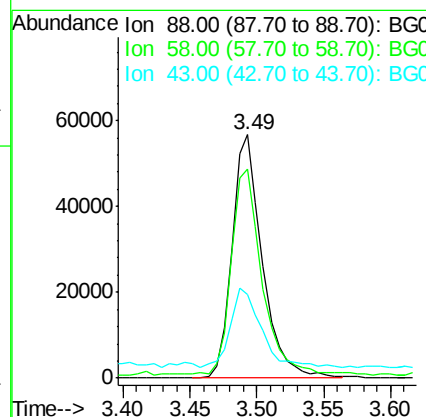
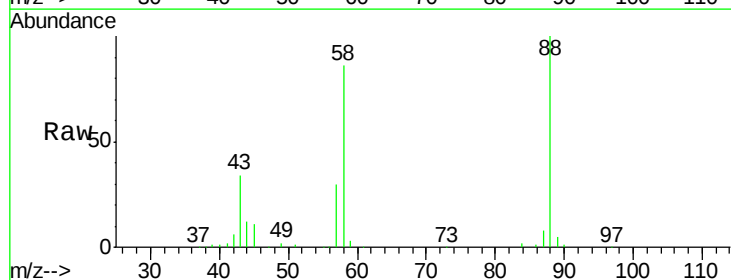
Tot Ion:152 Resp: 54862
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 56.6 46.9 70.3

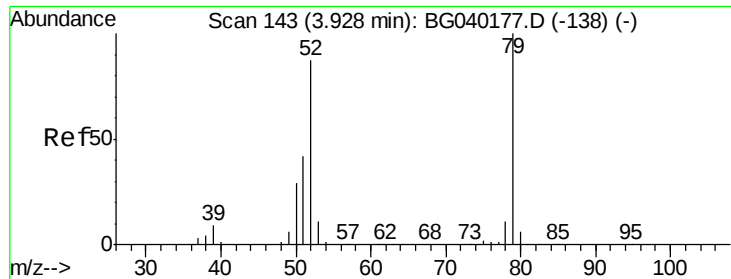


#2

1,4-Dioxane
Concen: 57.692 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion: 88 Resp: 89525
Ion Ratio Lower Upper
88 100
58 85.9 70.6 106.0
43 33.5 24.8 37.2





#3

Pvridine

Concen: 38.113 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampled :

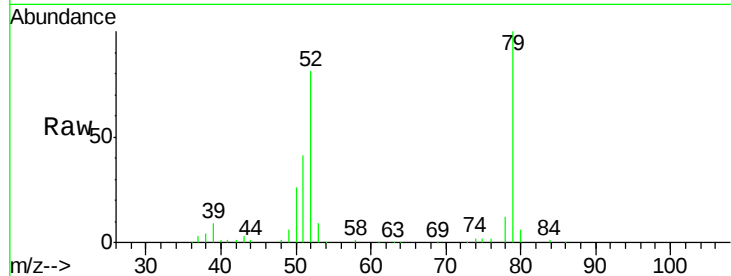
Tot Ion: 79 Resp: 159240

Ion Ratio Lower Upper

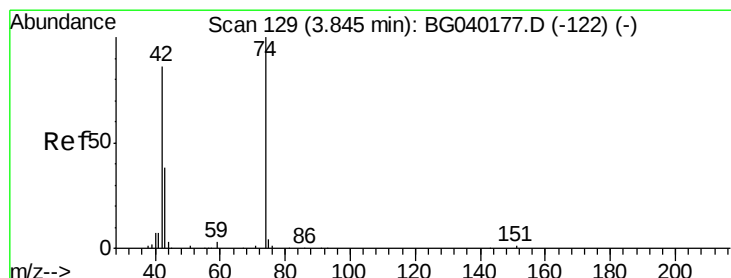
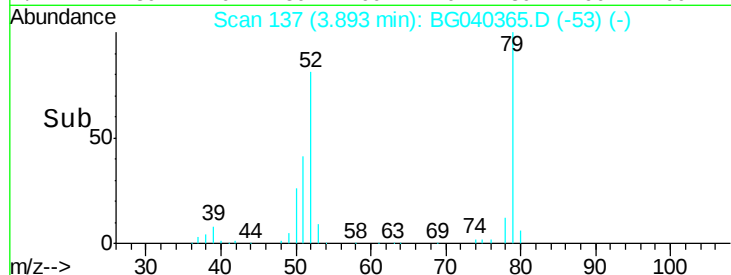
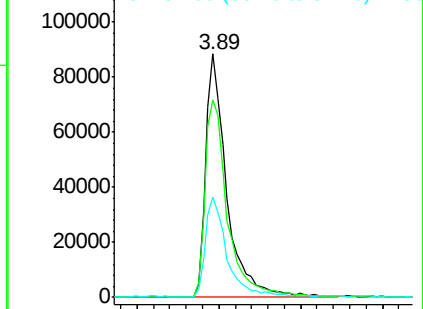
79 100

52 81.2 69.8 104.8

51 41.3 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 36.913 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

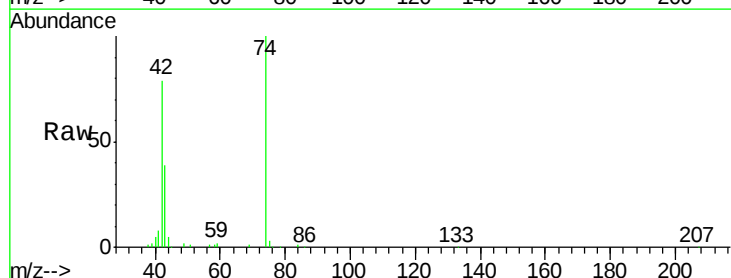
Tgt Ion: 42 Resp: 71341

Ion Ratio Lower Upper

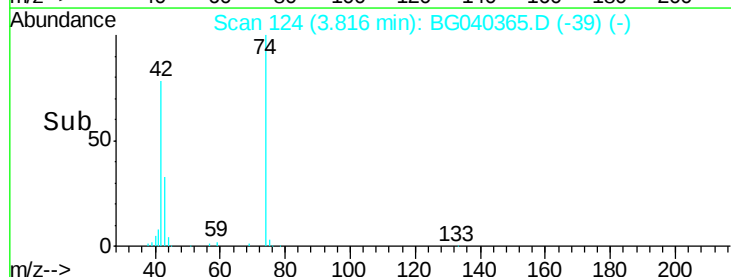
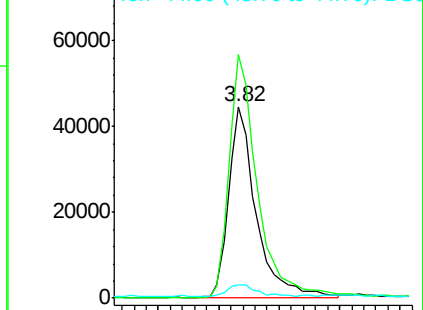
42 100

74 127.2 92.9 139.3

44 6.9 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 128.783 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040365.D

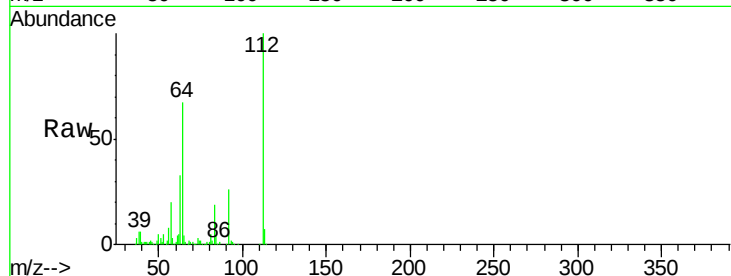
Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

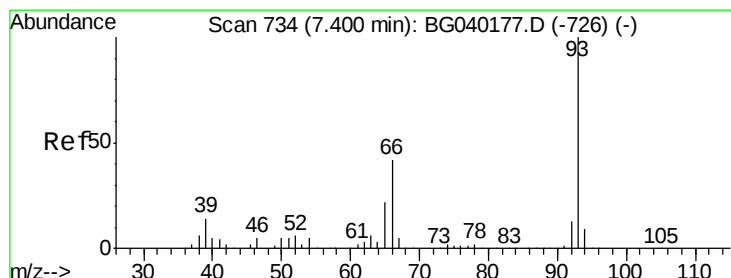
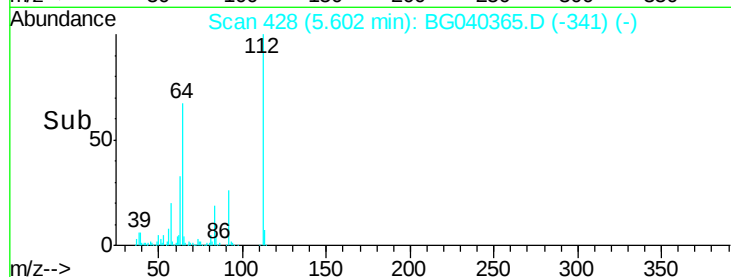
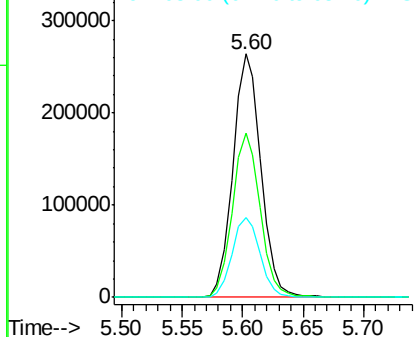
Tot Ion:	112	Resp:	425003
Ion	Ratio	Lower	Upper
112	100		
64	67.4	54.2	81.2
63	32.5	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.464 ng

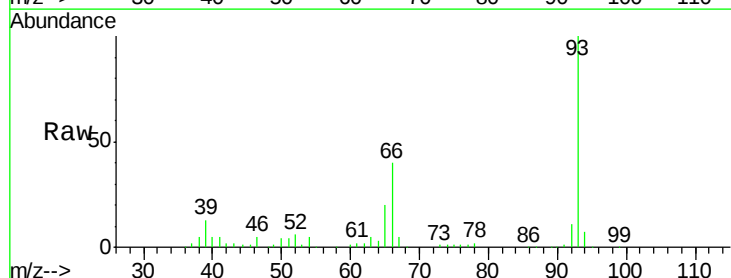
RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

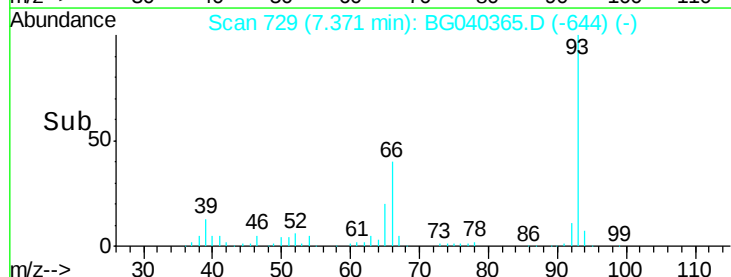
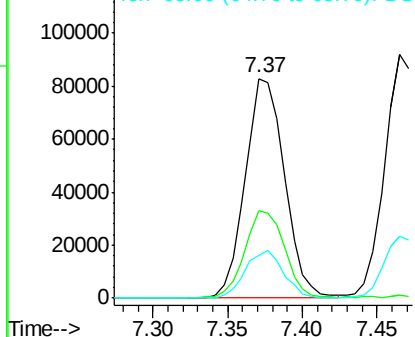
Tgt Ion:	93	Resp:	150887
Ion	Ratio	Lower	Upper
93	100		
66	39.7	33.6	50.4
65	19.7	17.4	26.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.852 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampled :

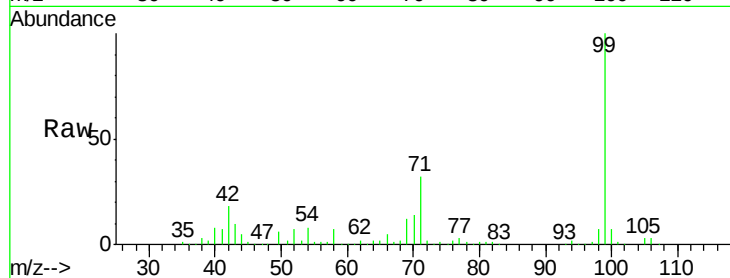
Tot Ion: 99 Resp: 564870

Ion Ratio Lower Upper

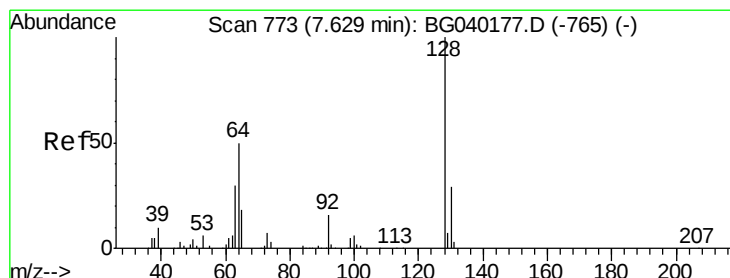
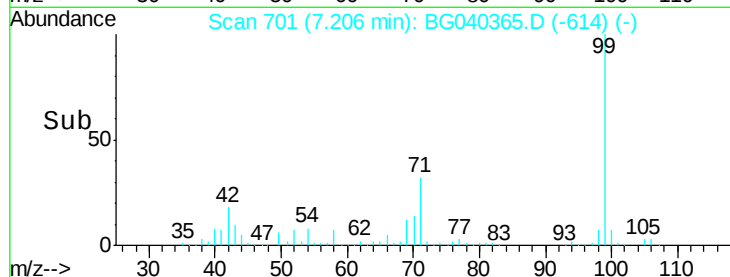
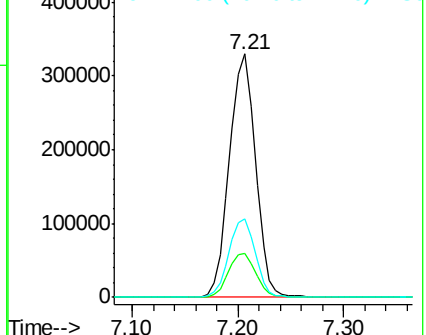
99 100

42 18.0 16.2 24.2

71 32.2 26.8 40.2



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



#8

2-Chlorophenol

Concen: 39.285 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

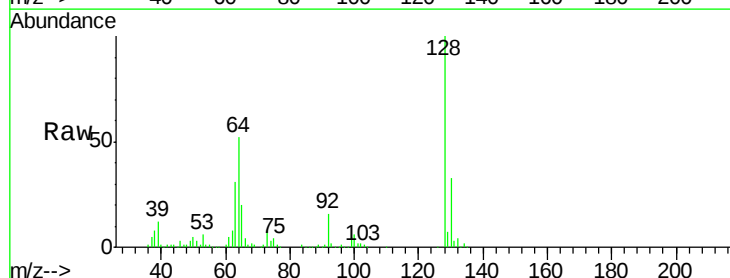
Tgt Ion: 128 Resp: 151762

Ion Ratio Lower Upper

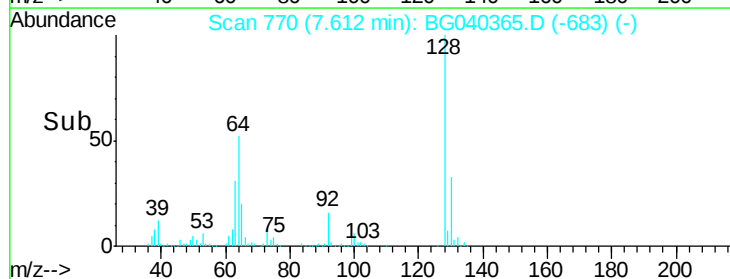
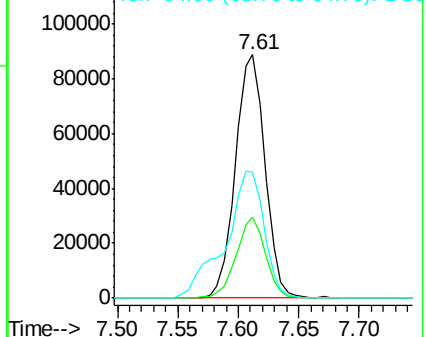
128 100

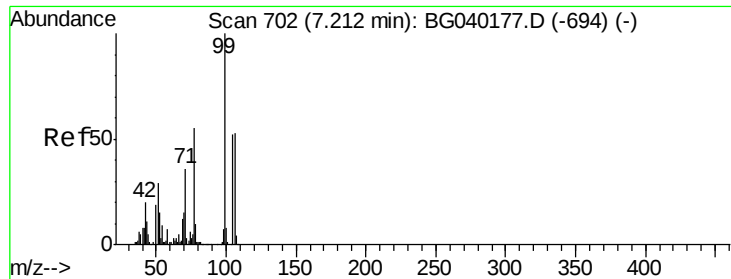
130 33.3 9.1 49.1

64 51.8 33.1 73.1



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





#9

Benzaldehyde

Concen: 13.742 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

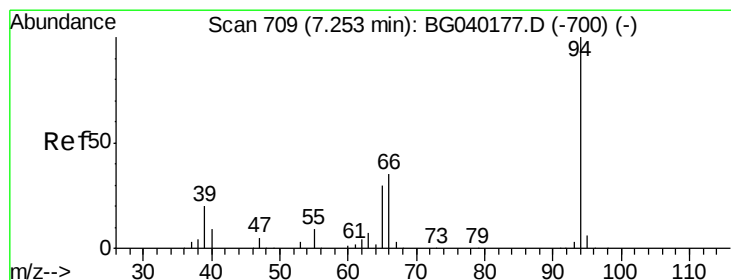
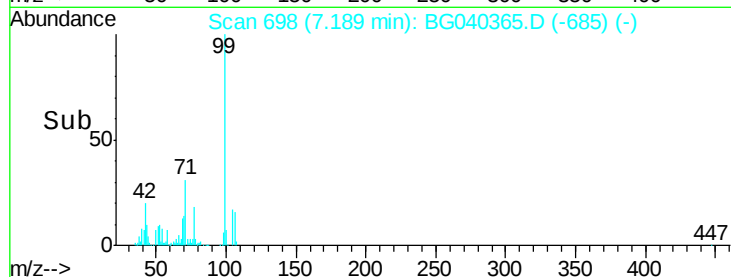
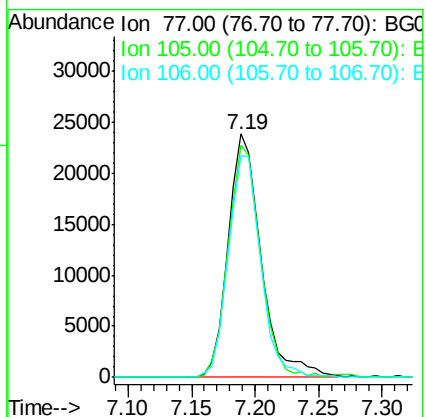
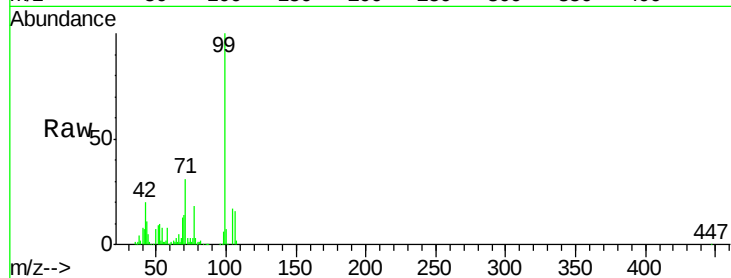
Tot Ion: 77 Resp: 42992

Ion Ratio Lower Upper

77 100

105 95.4 75.0 115.0

106 91.1 75.7 115.7



#10

Phenol

Concen: 40.541 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

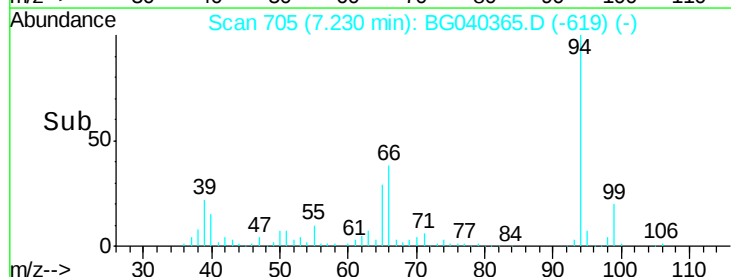
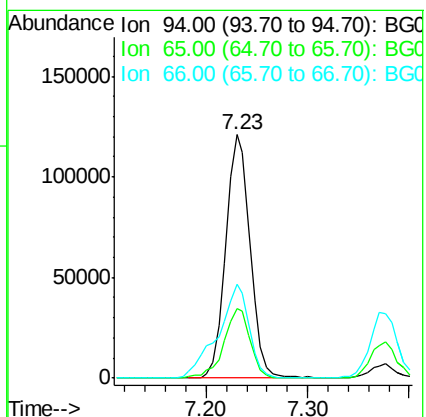
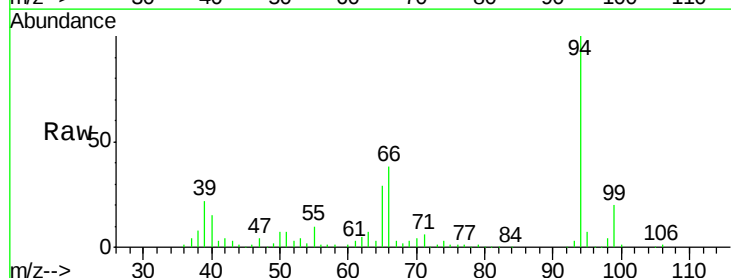
Tgt Ion: 94 Resp: 200695

Ion Ratio Lower Upper

94 100

65 28.8 10.5 50.5

66 38.5 16.9 56.9



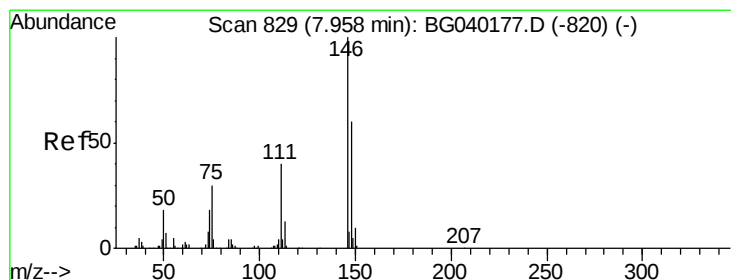
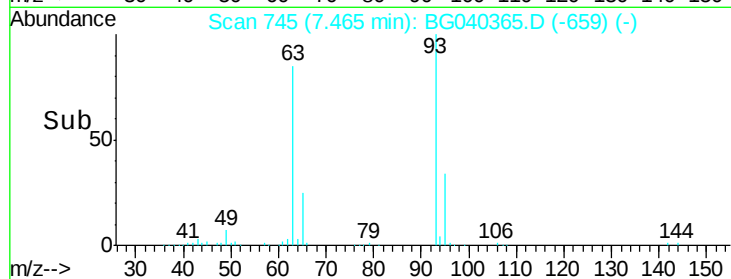
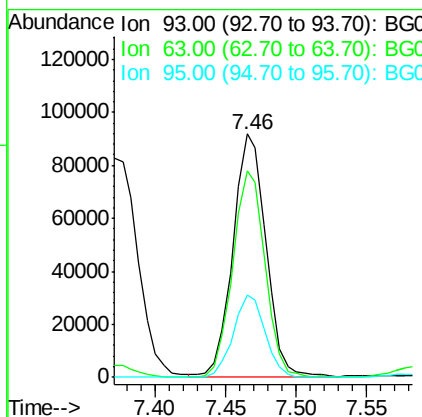
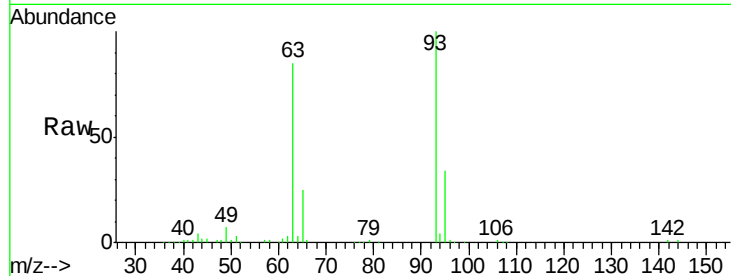


#11
 bis(2-Chloroethyl)ether
 Concen: 37.442 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 148458

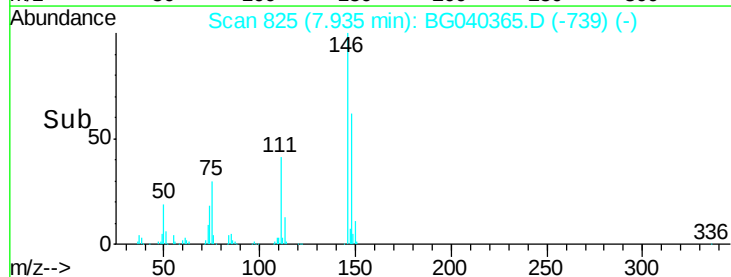
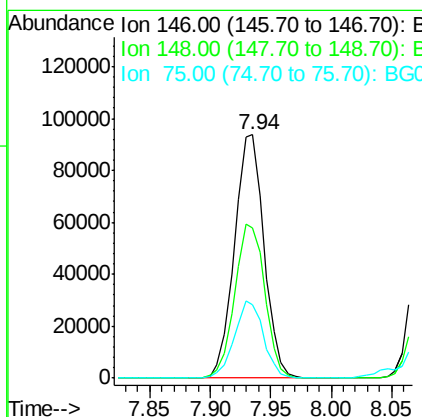
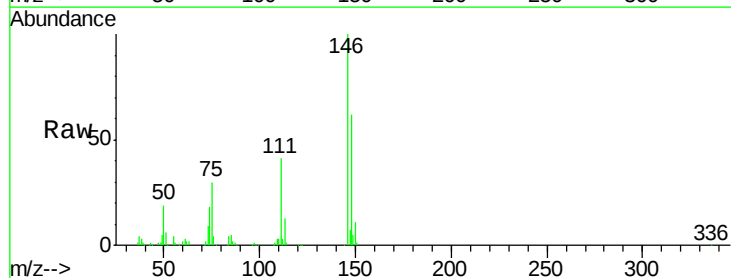
Ion	Ratio	Lower	Upper
93	100		
63	84.8	64.2	104.2
95	33.8	14.0	54.0

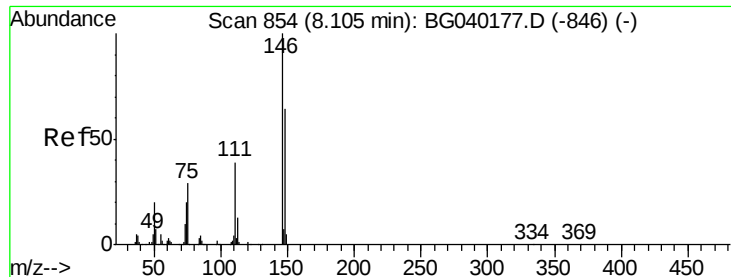


#12
 1,3-Dichlorobenzene
 Concen: 38.158 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion: 146 Resp: 160243

Ion	Ratio	Lower	Upper
146	100		
148	61.7	48.2	72.2
75	30.2	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 38.957 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampled :

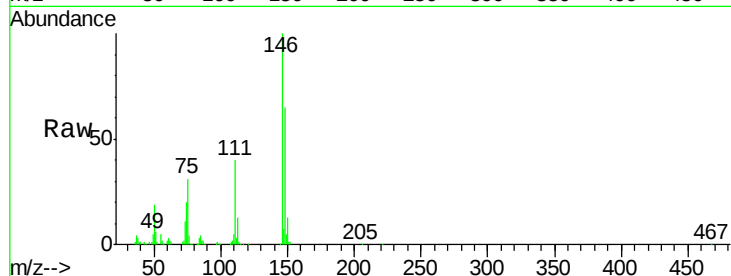
Tot Ion:146 Resp: 162941

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.4

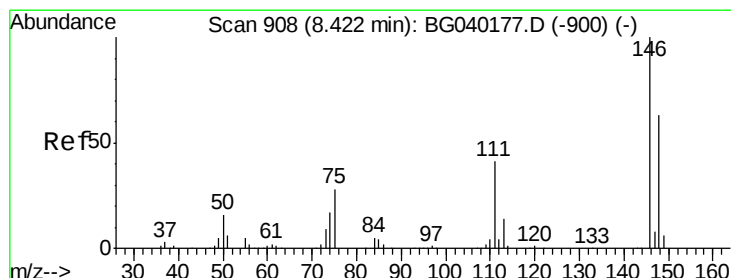
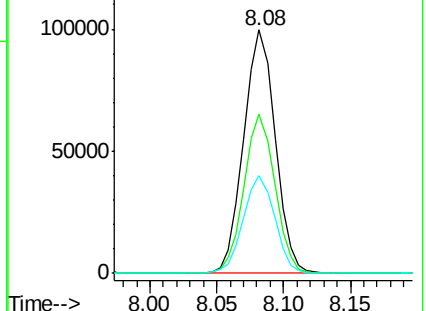
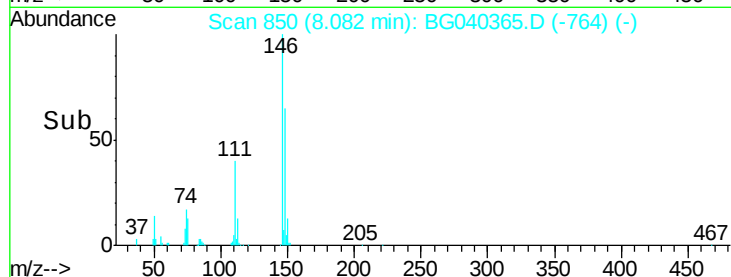
111 40.0 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.500 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

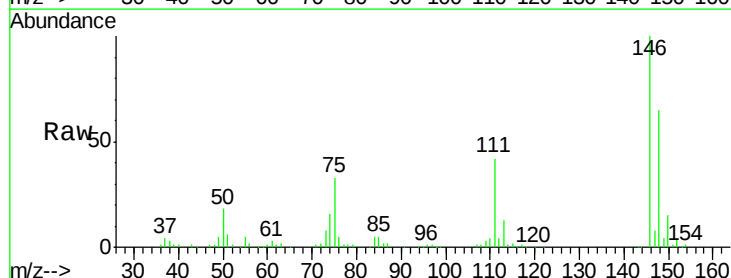
Tgt Ion:146 Resp: 153994

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

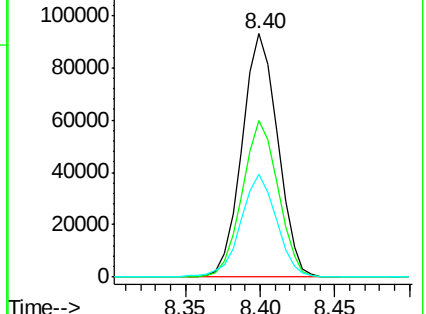
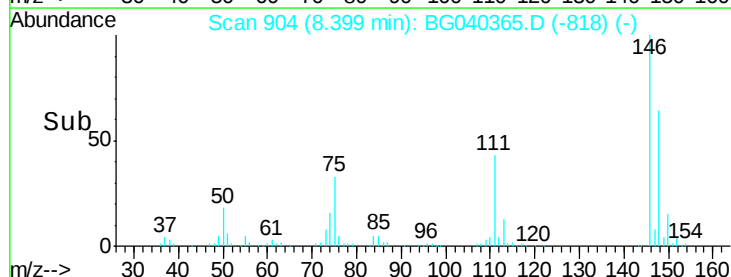
111 42.5 33.4 50.0

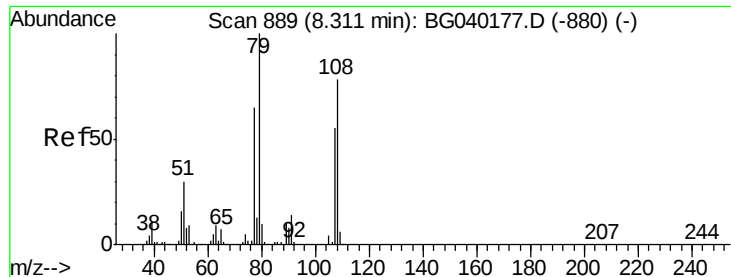


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.973 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

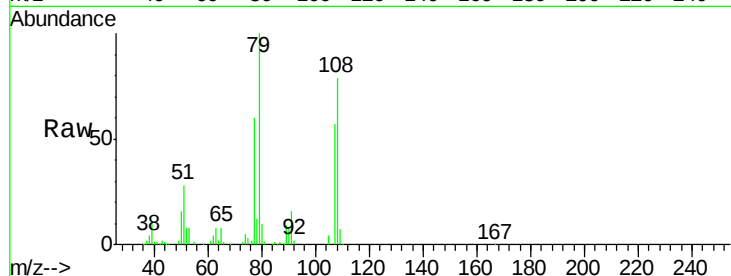
Tot Ion: 79 Resp: 132132

Ion Ratio Lower Upper

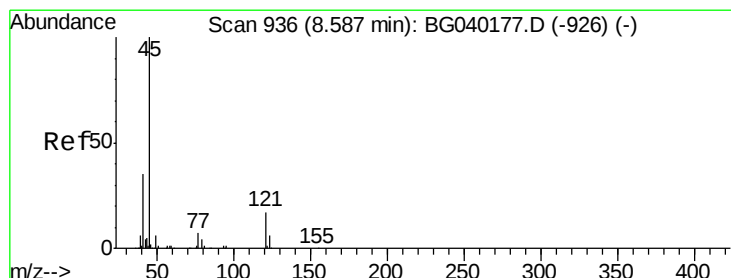
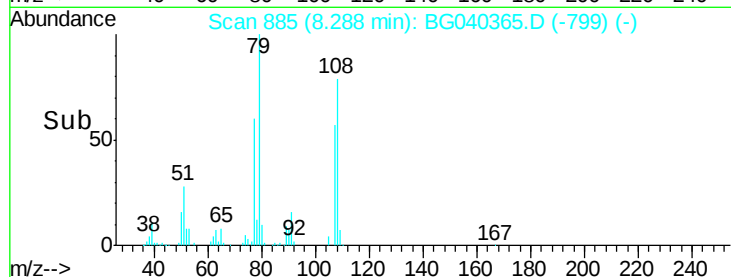
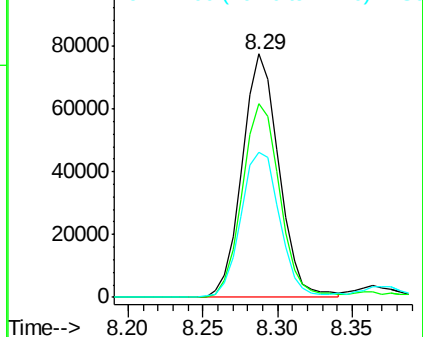
79 100

108 79.5 62.1 93.1

77 59.7 51.9 77.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.125 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

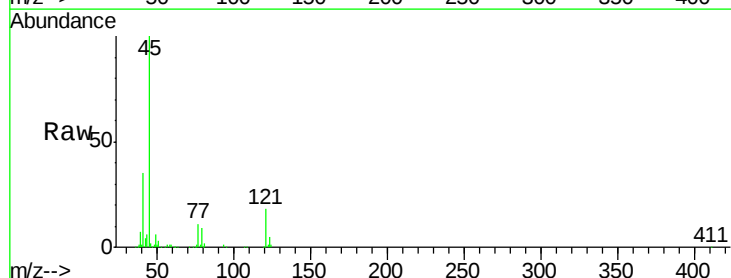
Tgt Ion: 45 Resp: 274894

Ion Ratio Lower Upper

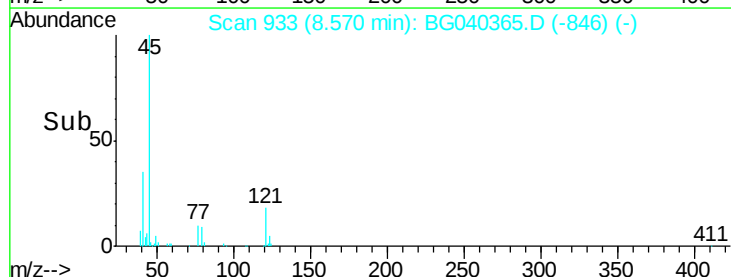
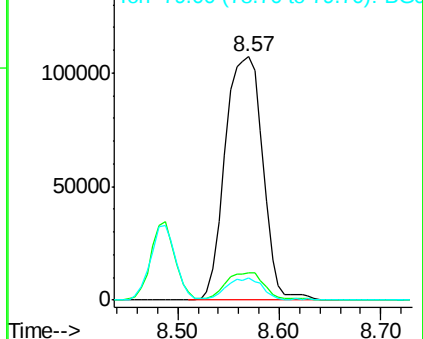
45 100

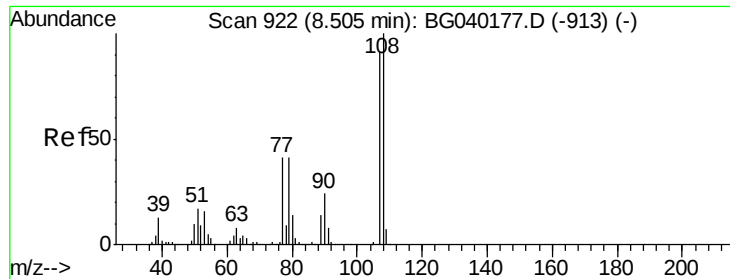
77 11.0 0.0 31.4

79 9.2 0.0 28.3



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





#17

2-Methylphenol

Concen: 39.371 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 134867

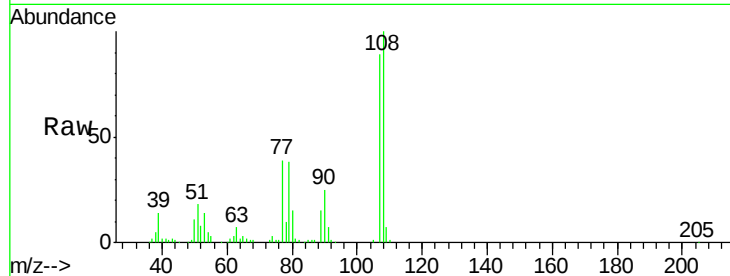
Ion Ratio Lower Upper

107 100

108 112.2 88.2 132.4

77 44.2 36.6 55.0

79 42.1 36.5 54.7

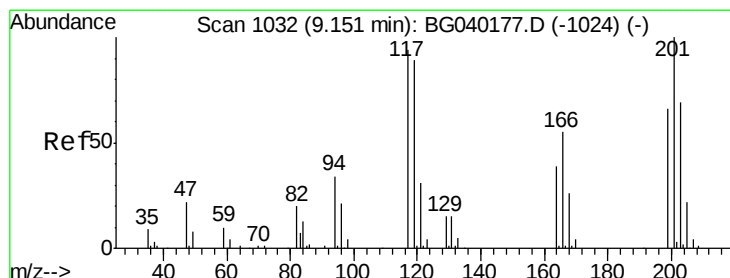
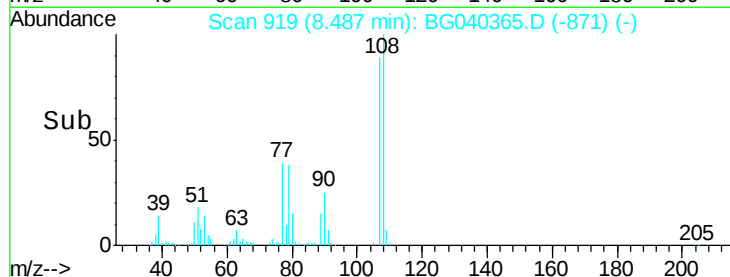
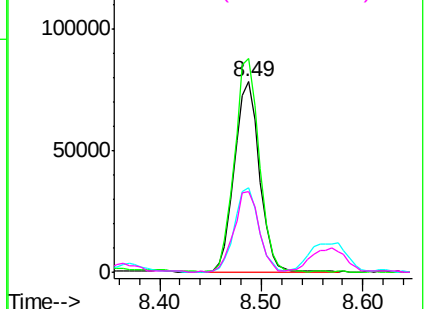


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.488 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

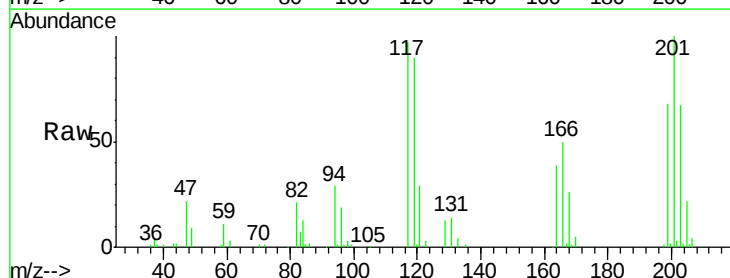
Tgt Ion:117 Resp: 59642

Ion Ratio Lower Upper

117 100

119 92.7 76.6 115.0

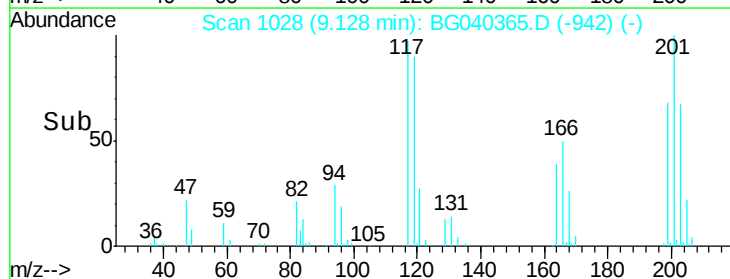
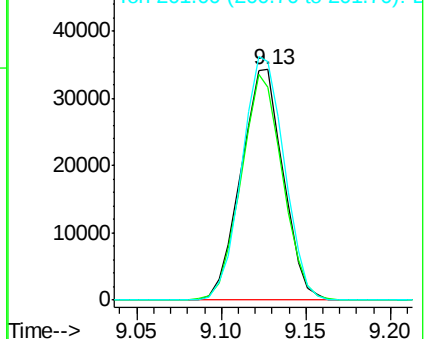
201 103.4 85.0 127.4

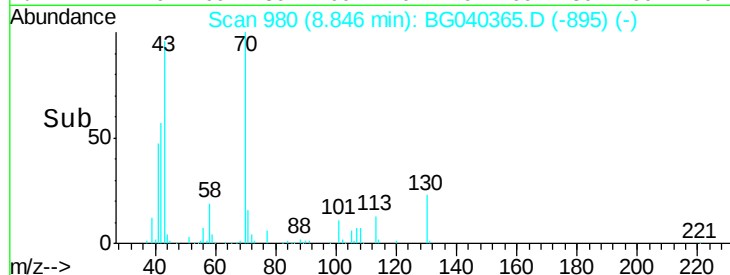
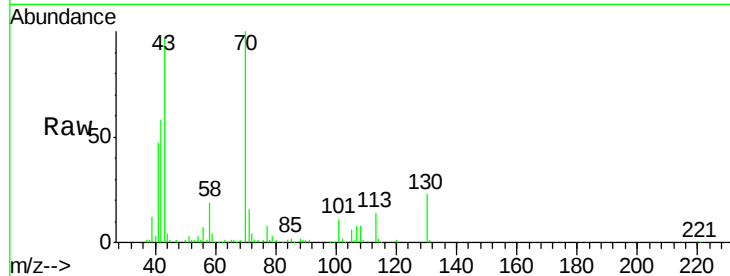
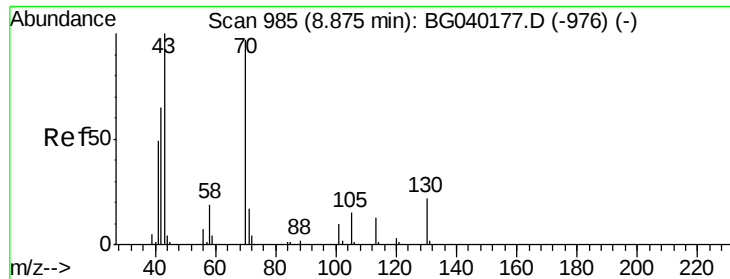


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

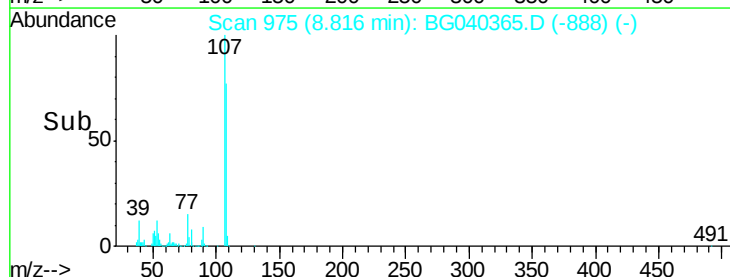
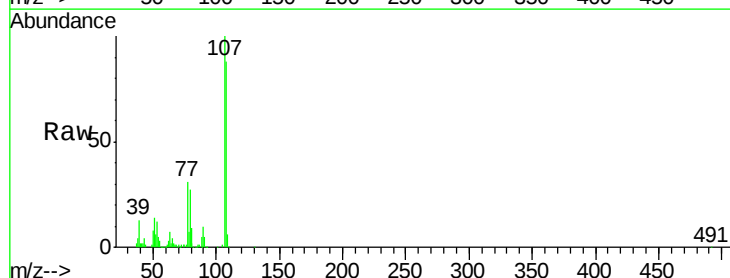
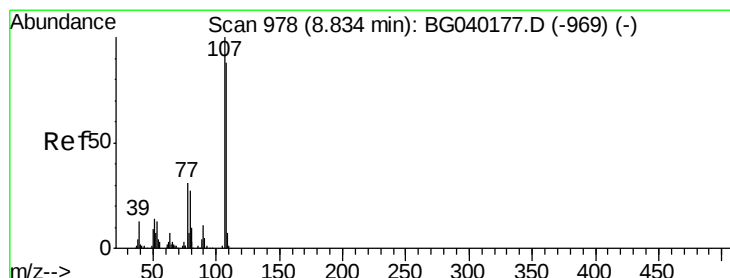
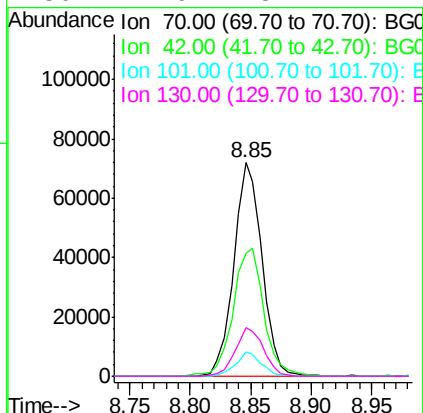




#19
n-Nitroso-di-n-propylamine
Concen: 35.672 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

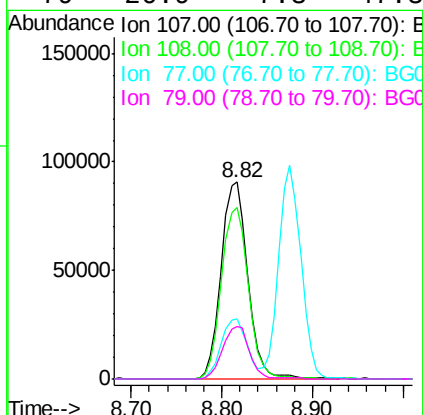
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	116649
Ion	Ratio	Lower	Upper
70	100		
42	57.5	54.0	81.0
101	11.4	8.6	13.0
130	22.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.987 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:	107	Resp:	185567
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.3	108.3
77	30.8	11.3	51.3
79	26.9	7.3	47.3

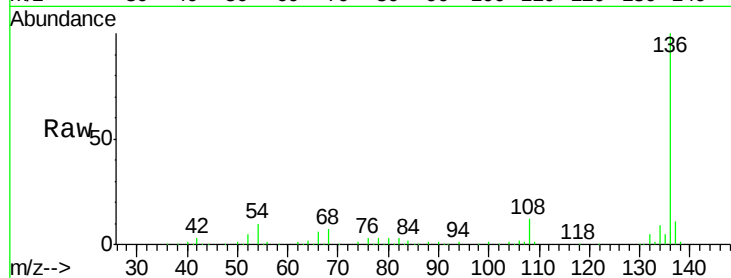




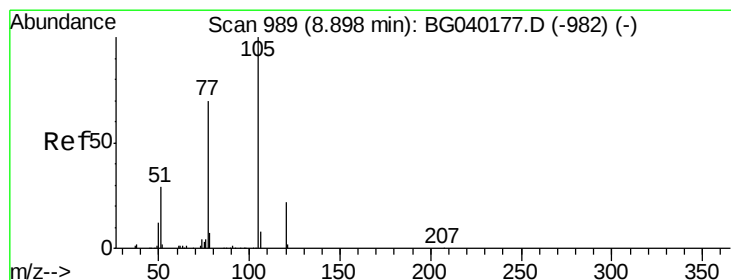
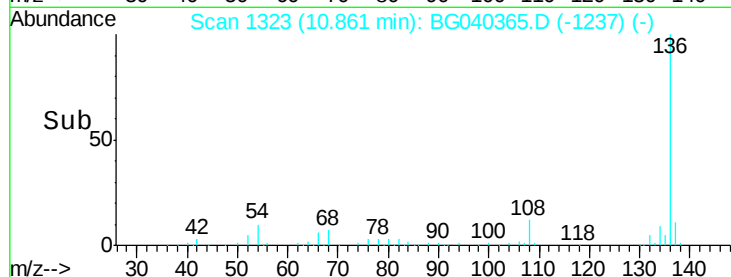
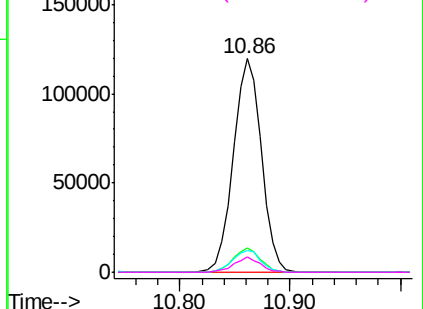
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	213525
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	10.2	9.6 14.4
68	7.2	5.1 7.7

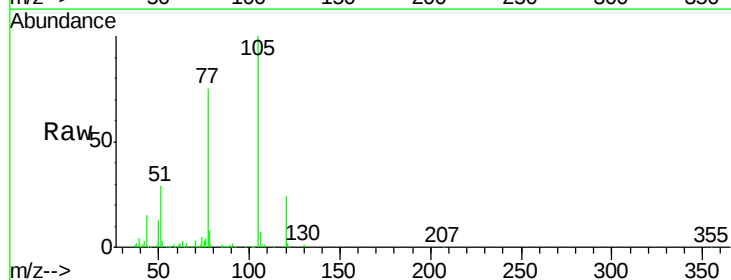


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

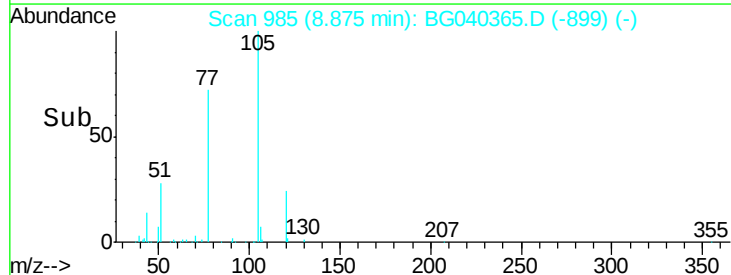
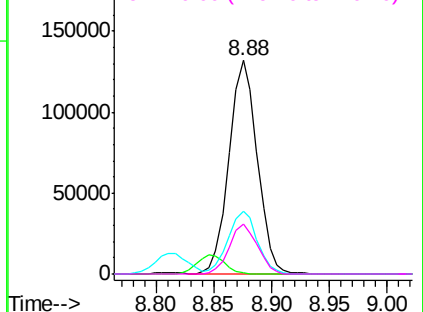


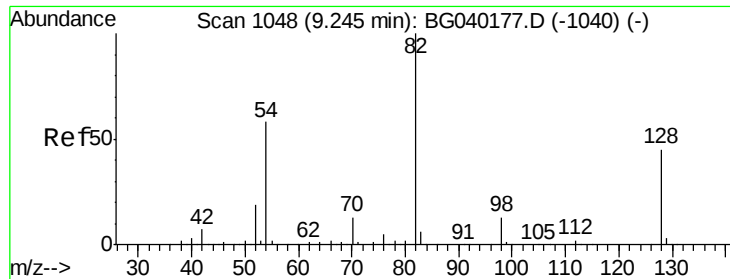
#22
Acetophenone
Concen: 42.009 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:105	Resp:	223754
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.6 1.0#
51	29.1	25.1 37.7
120	23.6	17.6 26.4



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

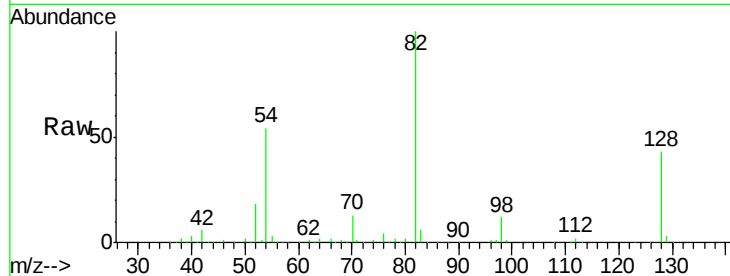




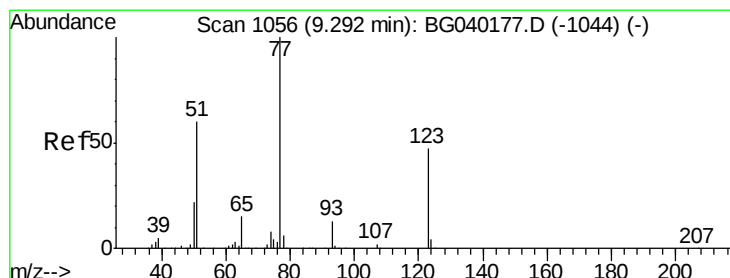
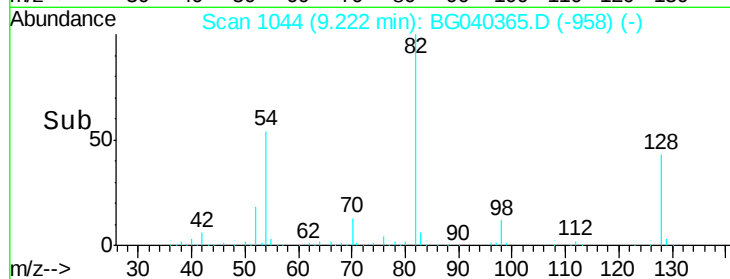
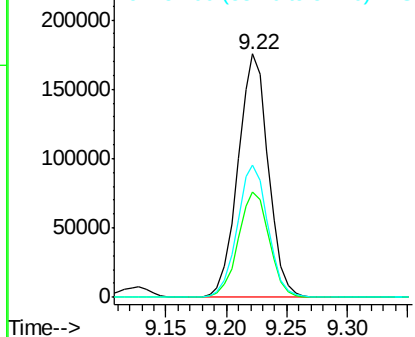
#23
 Nitrobenzene-d5
 Concen: 76.210 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 306145
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.8 53.8
 54 54.4 46.2 69.2

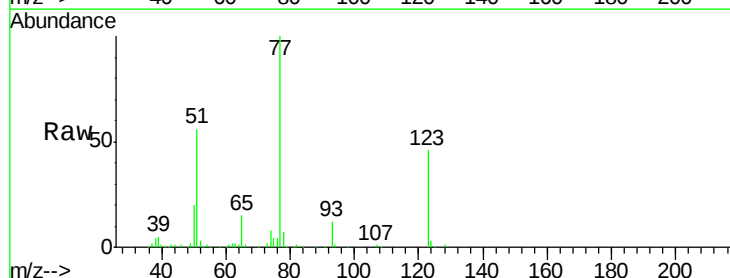


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

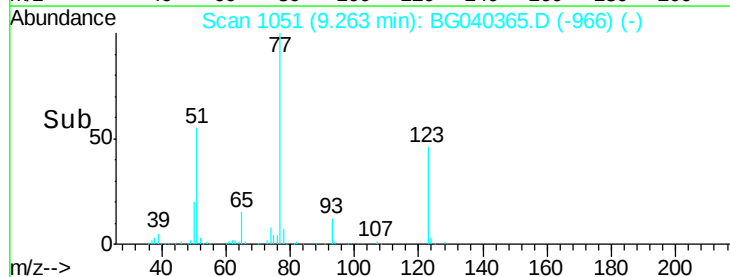
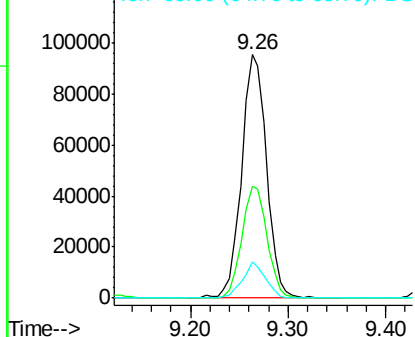


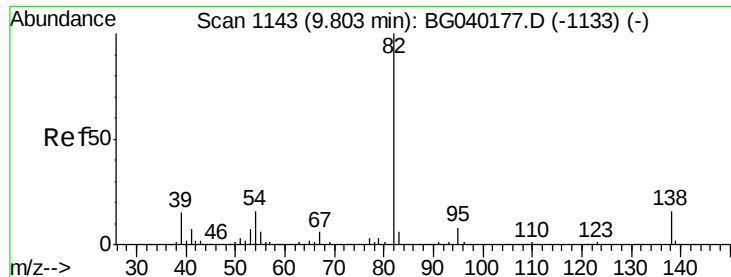
#24
 Nitrobenzene
 Concen: 40.761 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion: 77 Resp: 169562
 Ion Ratio Lower Upper
 77 100
 123 45.8 37.8 56.6
 65 14.7 12.0 18.0



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: 39.216 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

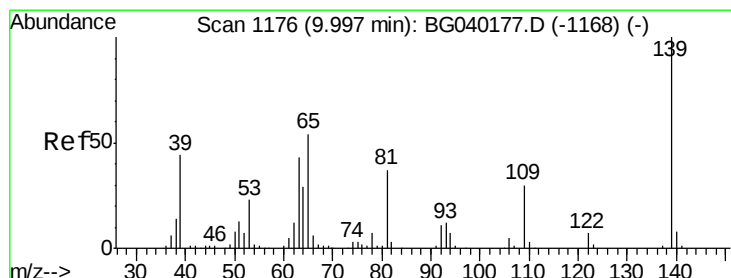
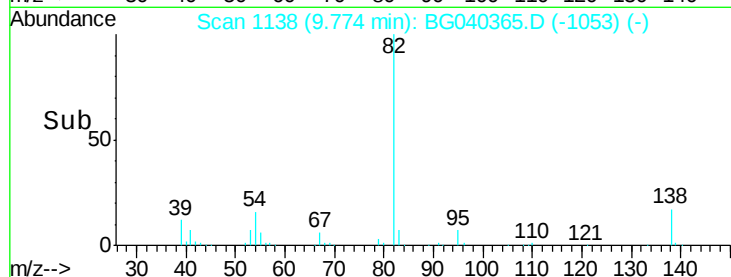
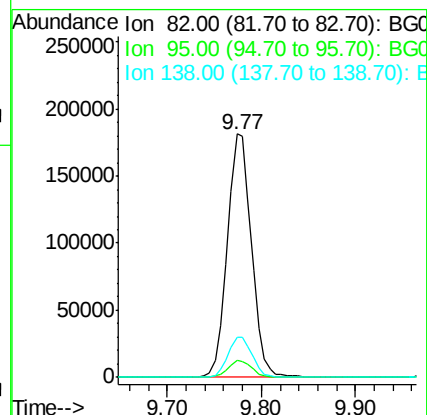
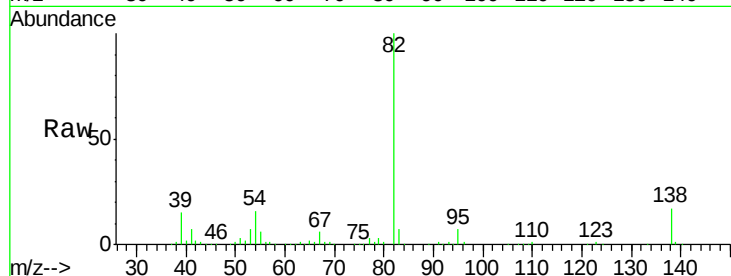
Tot Ion: 82 Resp: 324145

Ion Ratio Lower Upper

82 100

95 6.9 6.1 9.1

138 16.5 13.2 19.8



#26

2-Nitrophenol

Concen: 42.432 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

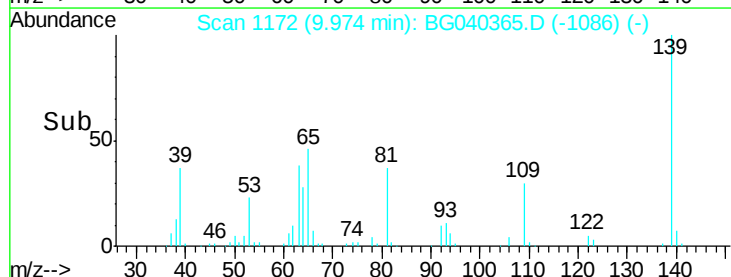
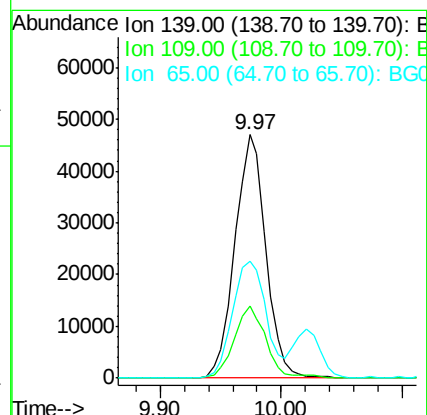
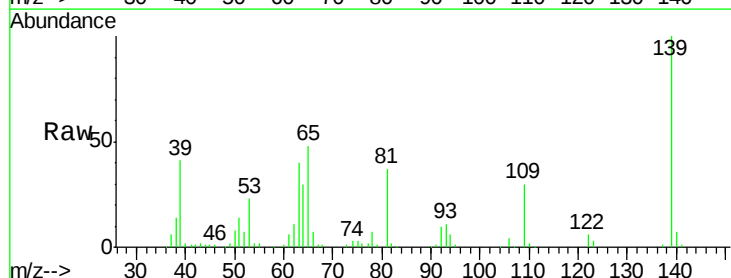
Tgt Ion: 139 Resp: 83639

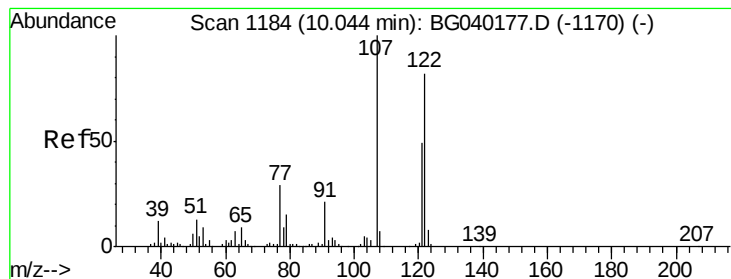
Ion Ratio Lower Upper

139 100

109 29.7 24.1 36.1

65 48.2 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 45.931 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

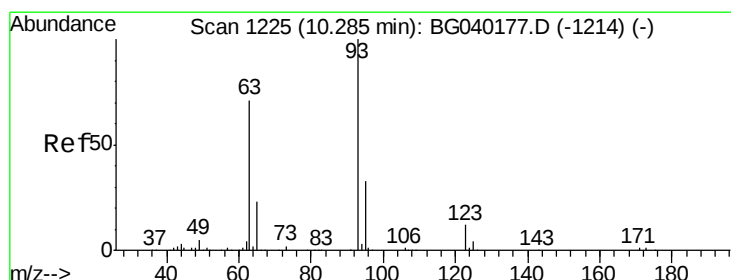
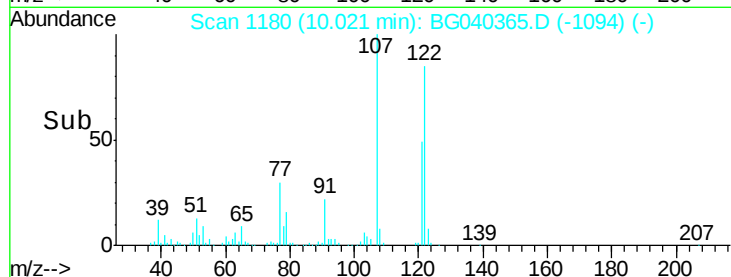
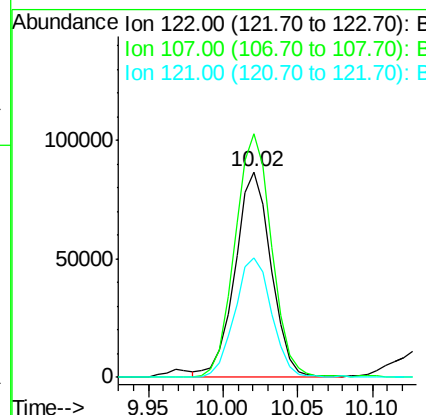
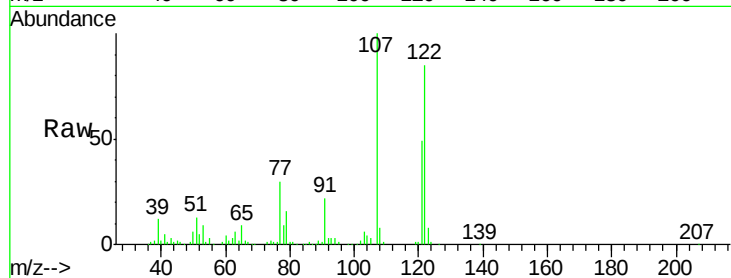
Tot Ion:122 Resp: 143810

Ion Ratio Lower Upper

122 100

107 118.3 97.4 146.2

121 58.2 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.857 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

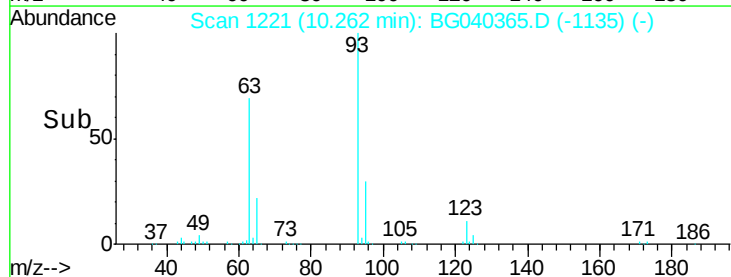
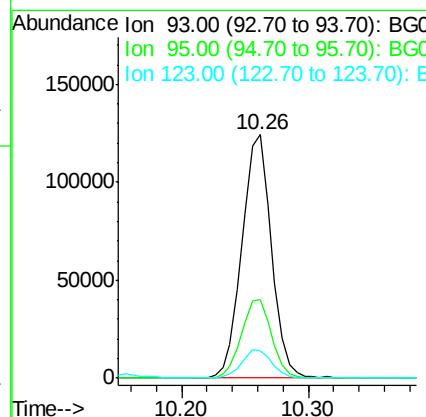
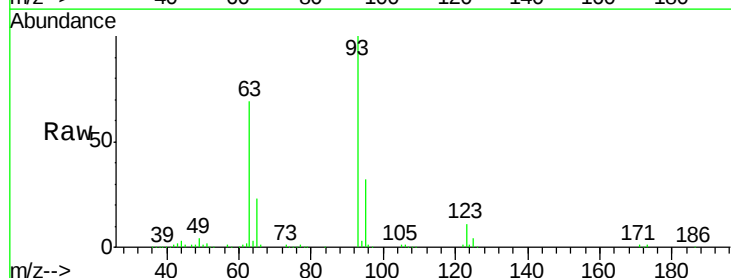
Tgt Ion: 93 Resp: 199795

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 11.4 9.4 14.0

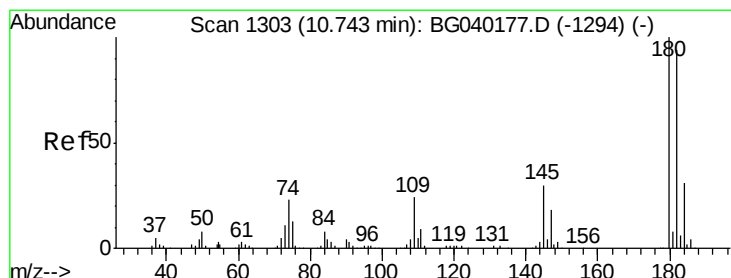
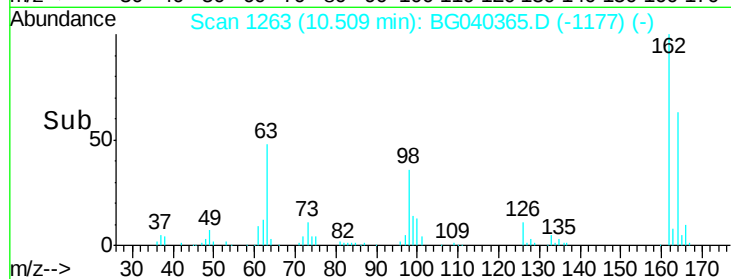
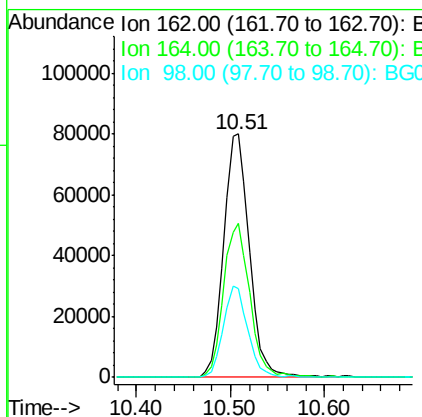
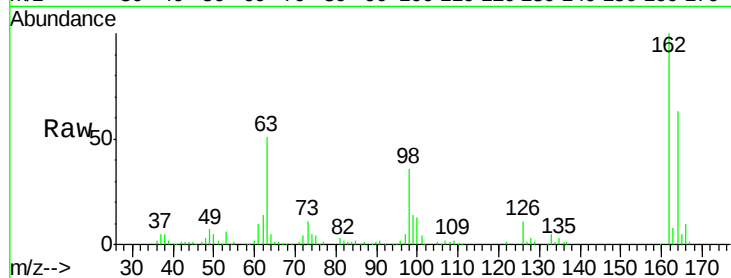




#29
 2,4-Dichlorophenol
 Concen: 44.845 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

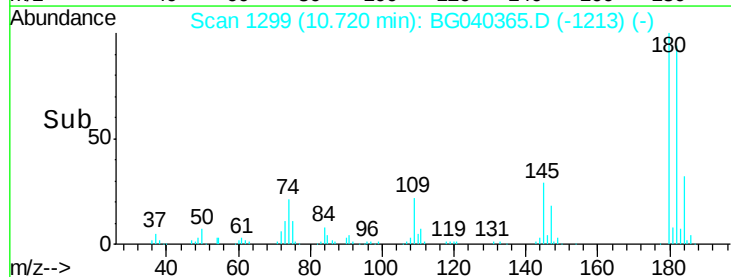
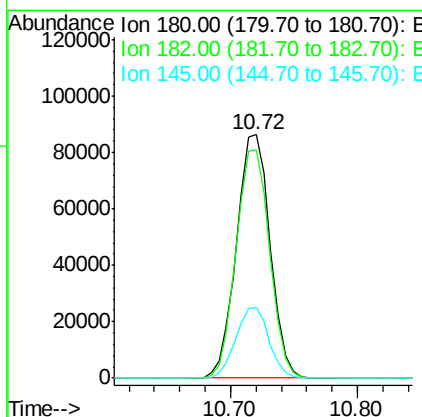
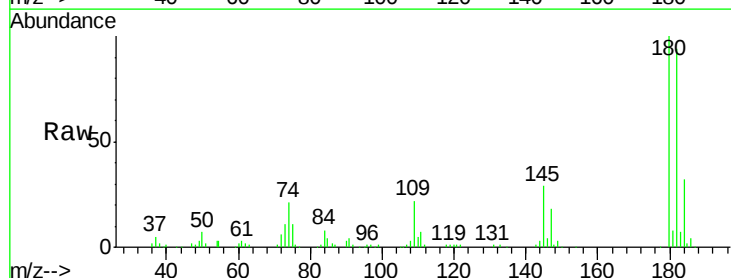
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 152405
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.9 83.9
 98 36.3 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.514 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion:180 Resp: 158646
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.1 112.7
 145 29.3 24.1 36.1

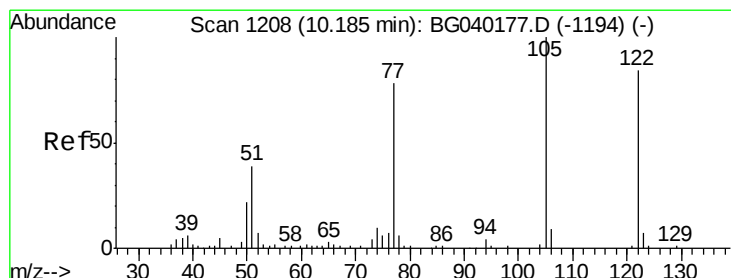
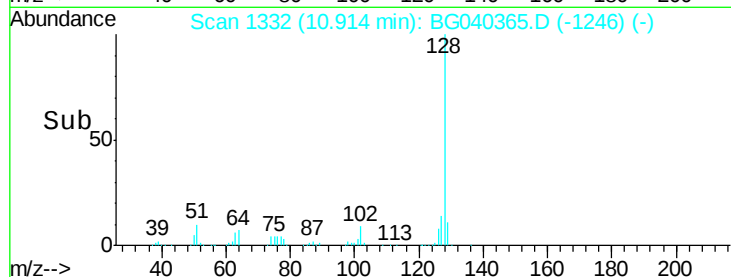
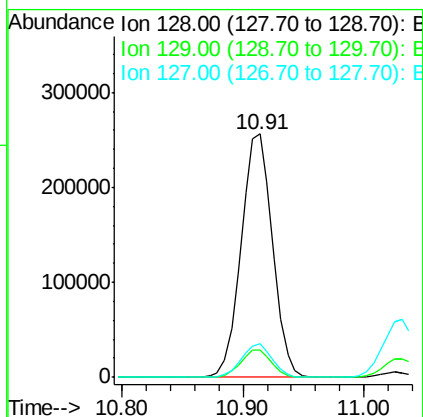
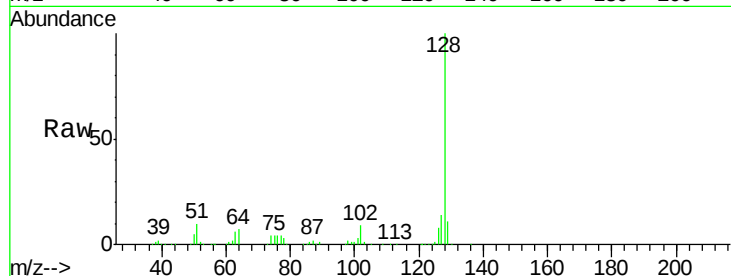




#31
Naphthalene
Concen: 42.347 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

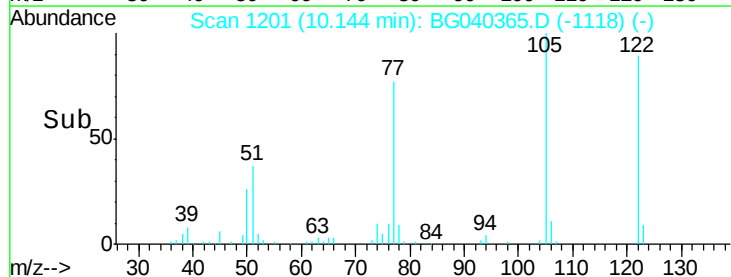
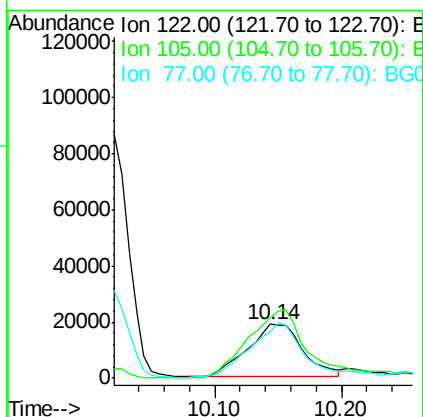
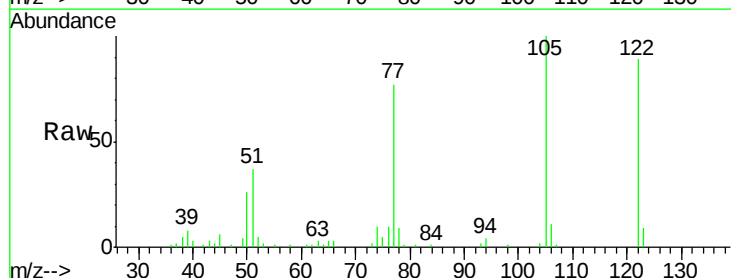
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 463474
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 30.467 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:122 Resp: 57634
Ion Ratio Lower Upper
122 100
105 112.0 98.2 138.2
77 86.0 73.6 113.6

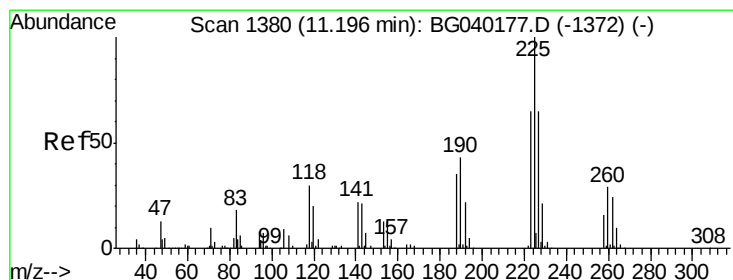
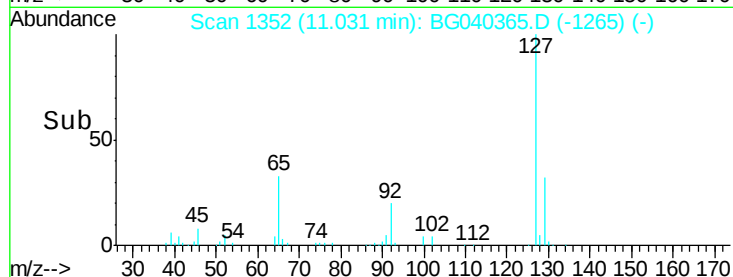
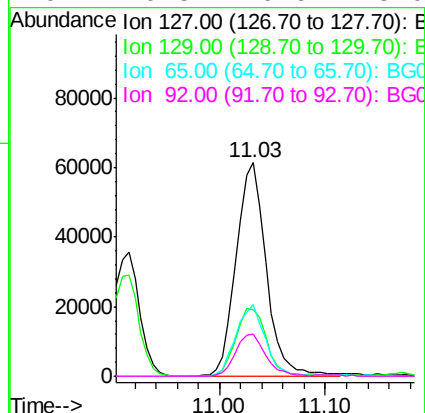
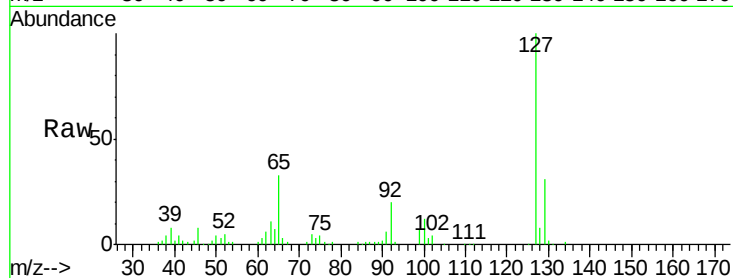




#33
4-Chloroaniline
Concen: 25.961 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

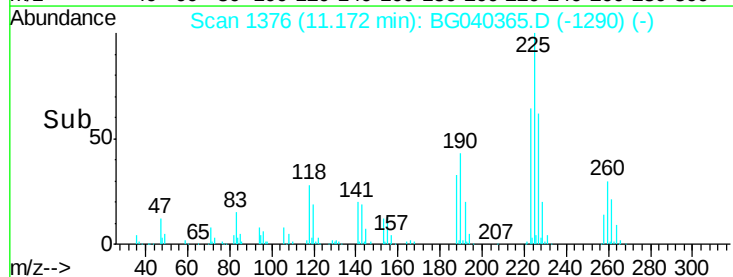
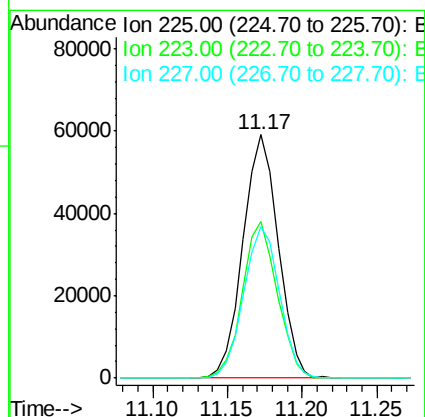
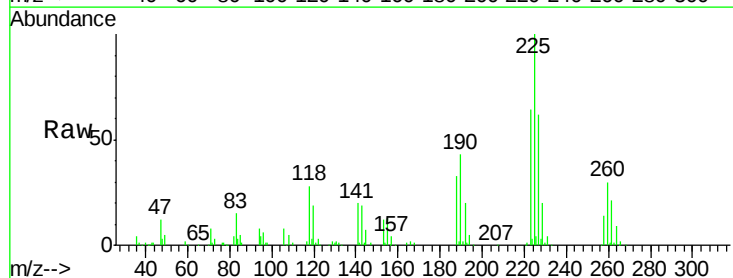
Instrument :
BNA_G
ClientSampleId :

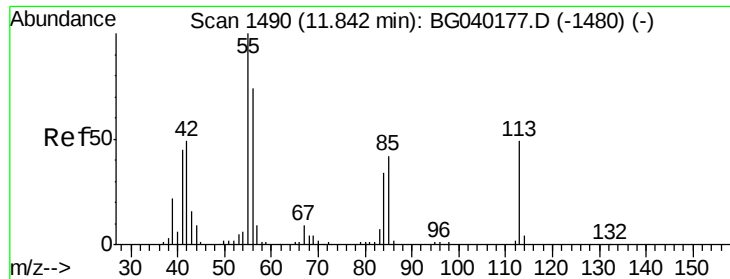
Tot Ion:	127	Resp:	121197
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.6	40.0
65	33.5	27.0	40.4
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.429 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:	225	Resp:	96486
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.8	77.8
227	62.0	54.9	82.3





#35

Caprolactam

Concen: 26.531 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.04 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

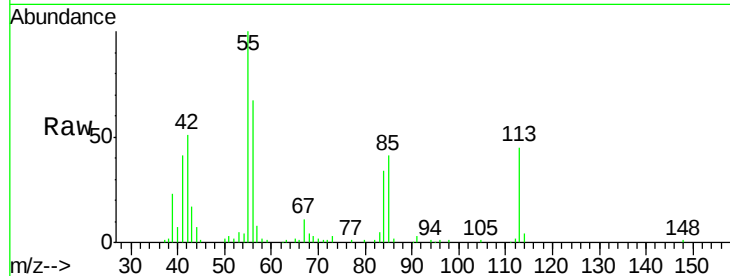
Tot Ion:113 Resp: 35781

Ion Ratio Lower Upper

113 100

55 223.9 184.2 224.2

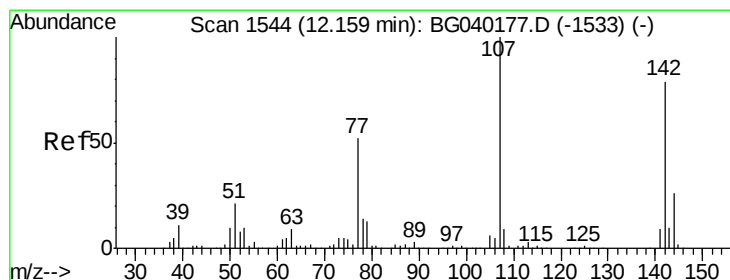
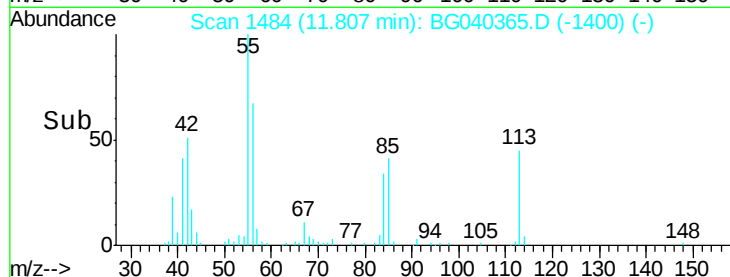
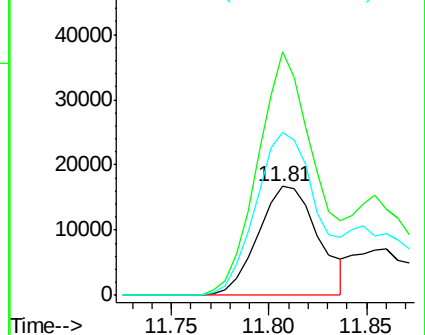
56 149.7 131.3 171.3



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: 43.277 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

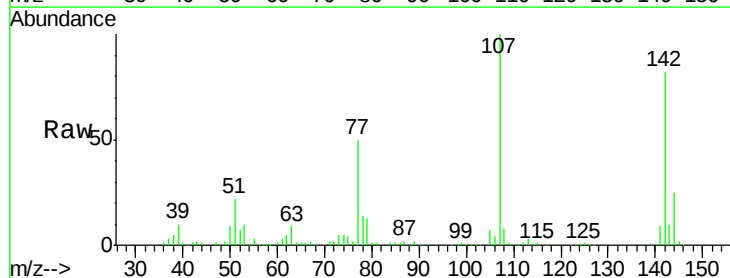
Tgt Ion:107 Resp: 169082

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

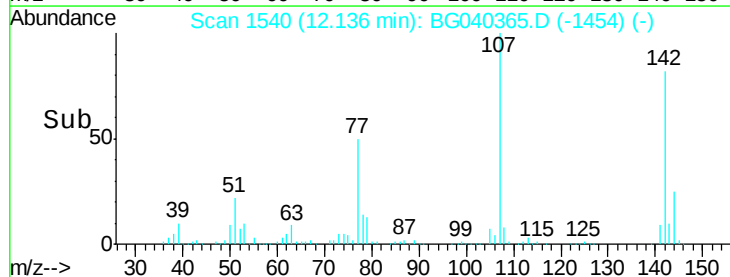
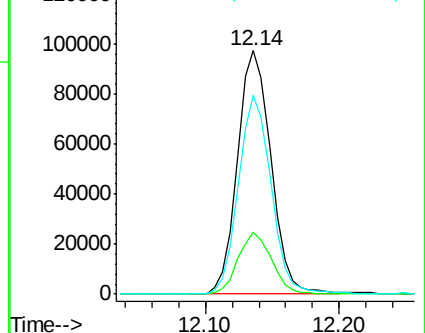
142 81.6 63.1 94.7

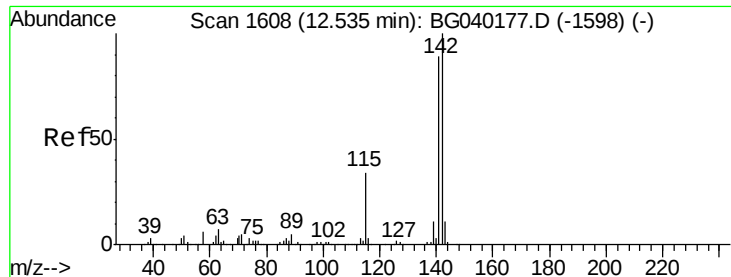


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

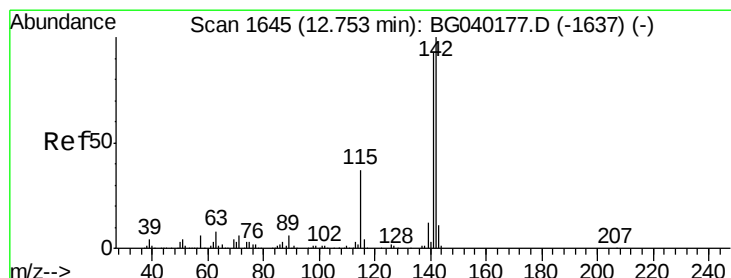
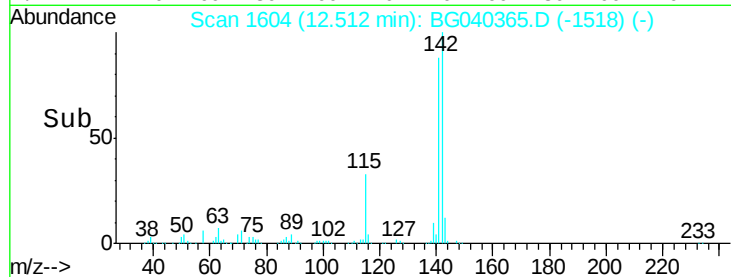
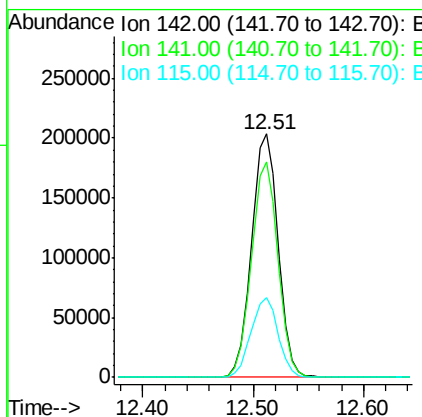
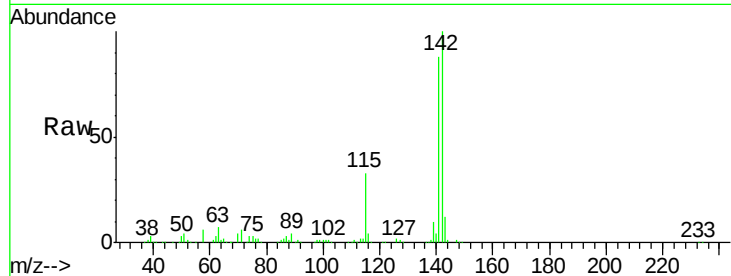




#37
 2-Methylnaphthalene
 Concen: 42.526 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

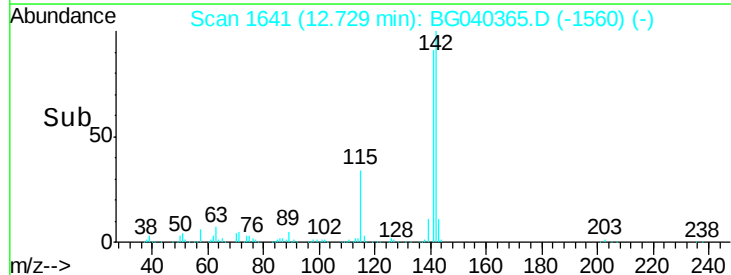
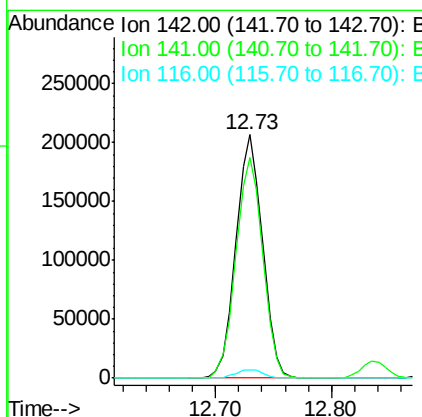
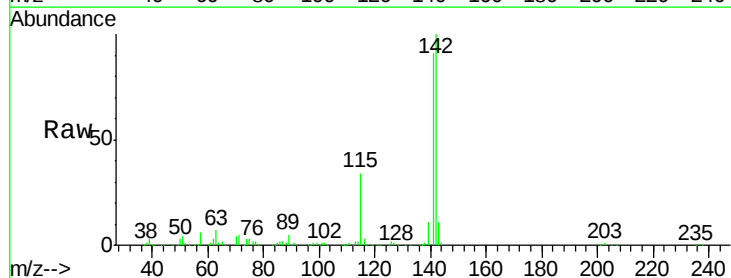
Instrument :
 BNA_G
 ClientSampleId :

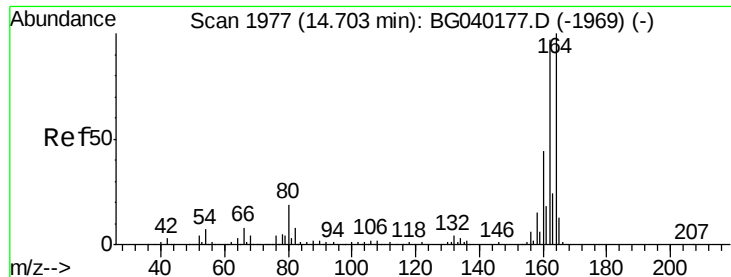
Tot Ion:142 Resp: 344227
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.0 106.6
 115 32.9 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 41.980 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion:142 Resp: 329510
 Ion Ratio Lower Upper
 142 100
 141 90.6 74.2 111.4
 116 3.4 3.0 4.4

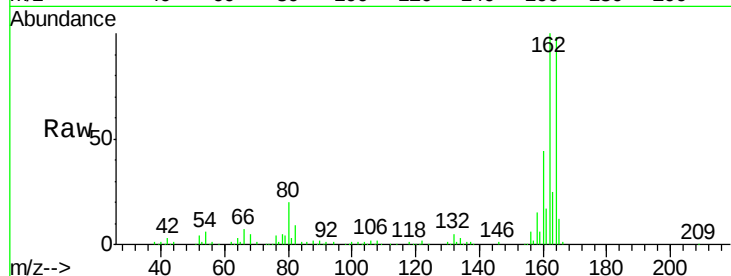




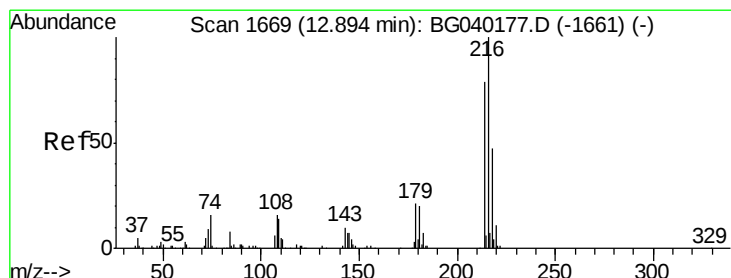
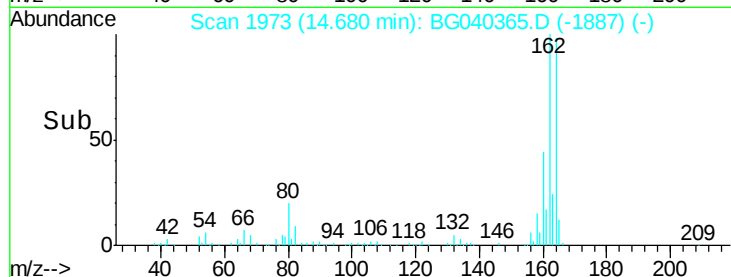
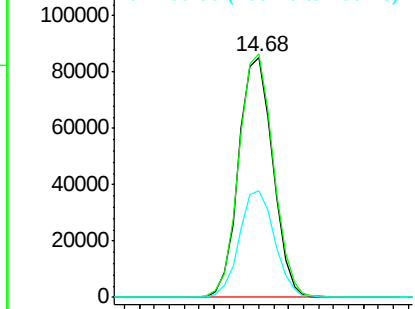
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 134809
Ion Ratio Lower Upper
164 100
162 101.6 77.4 116.2
160 44.5 35.3 52.9

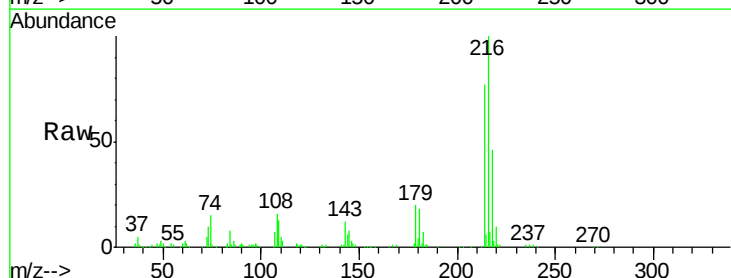


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

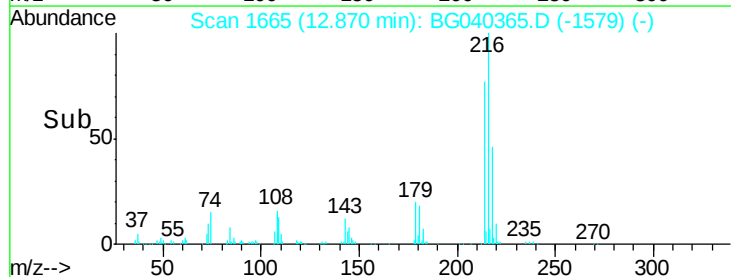
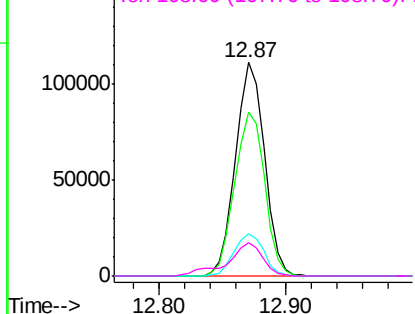


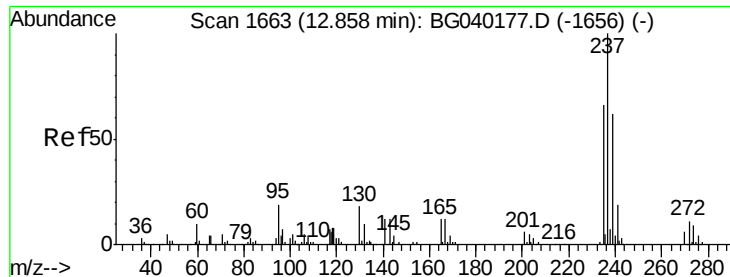
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.106 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:216 Resp: 176129
Ion Ratio Lower Upper
216 100
214 79.3 63.5 95.3
179 20.1 16.6 25.0
108 18.8 13.8 20.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.953 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

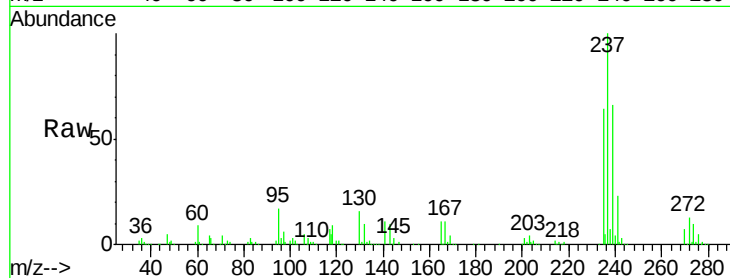
Tot Ion:237 Resp: 202214

Ion Ratio Lower Upper

237 100

235 63.6 46.2 86.2

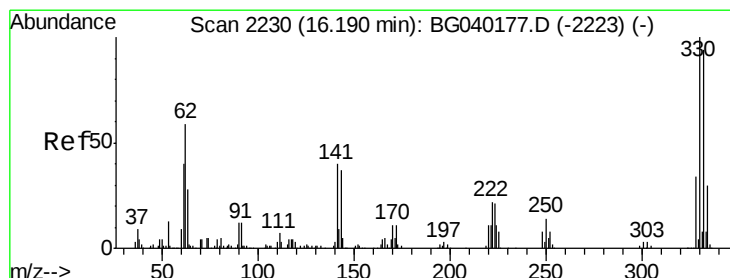
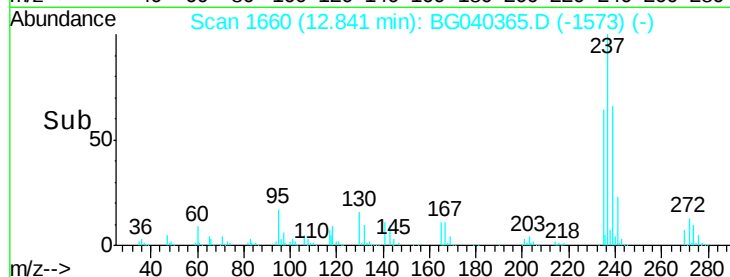
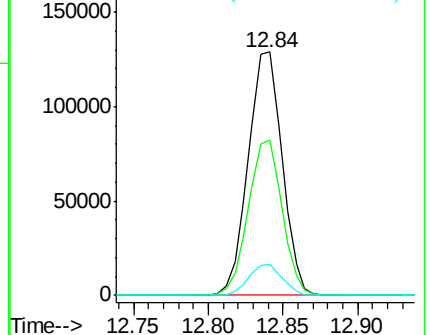
272 12.6 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.831 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

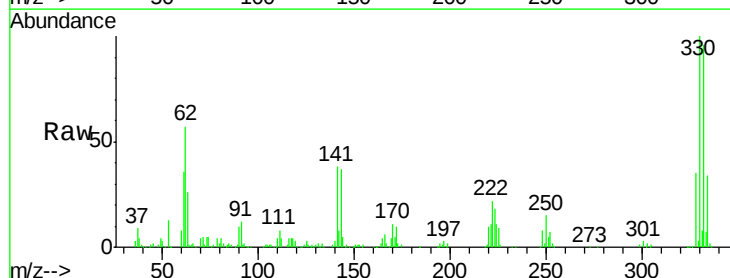
Tgt Ion:330 Resp: 215380

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

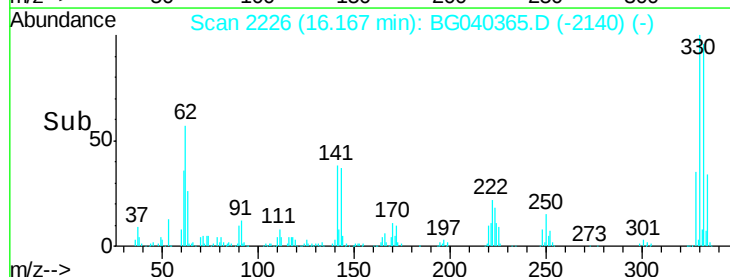
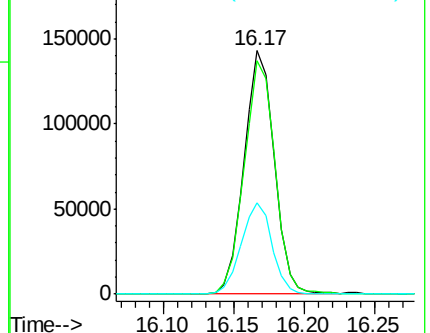
141 38.2 32.6 48.8

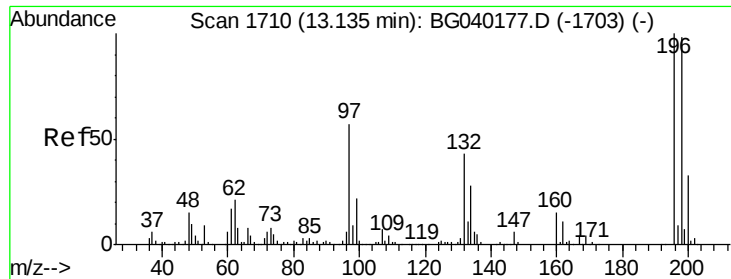


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

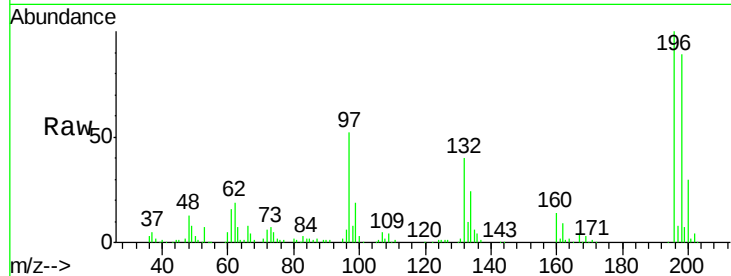




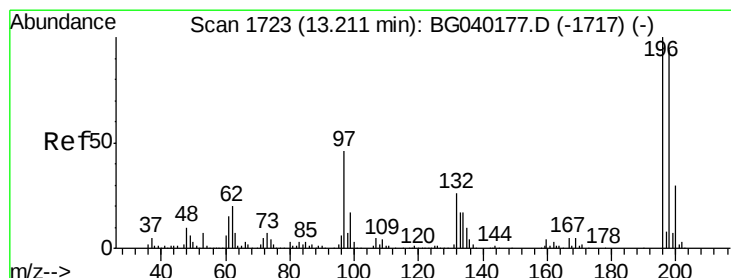
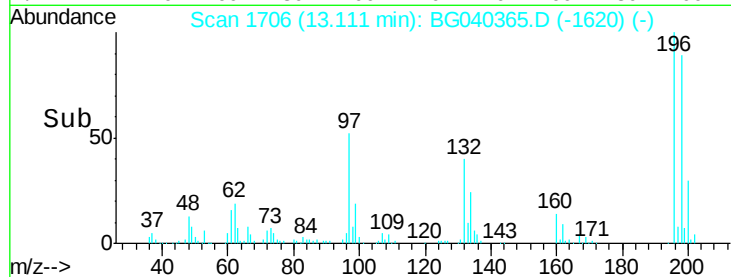
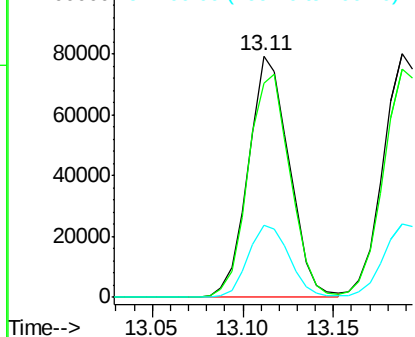
#43
 2,4,6-Trichlorophenol
 Concen: 44.980 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 124257
 Ion Ratio Lower Upper
 196 100
 198 88.7 78.3 117.5
 200 29.7 26.0 39.0

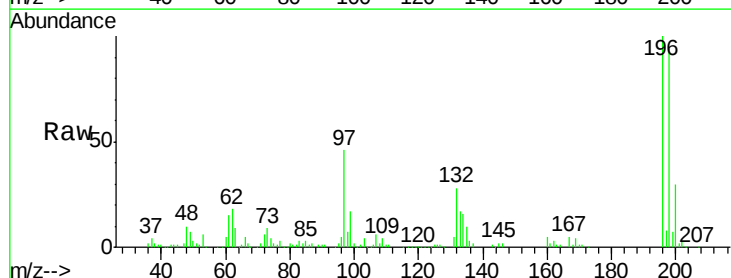


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

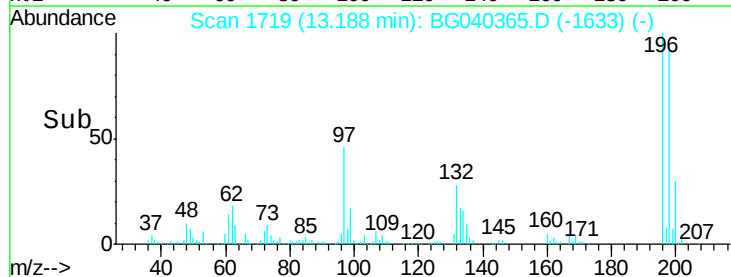
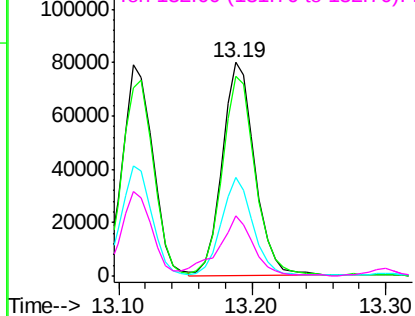


#44
 2,4,5-Trichlorophenol
 Concen: 44.870 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion:196 Resp: 135104
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.0 112.6
 97 46.0 37.3 55.9
 132 28.0 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

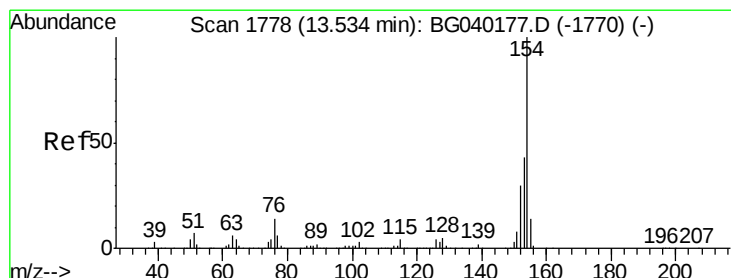
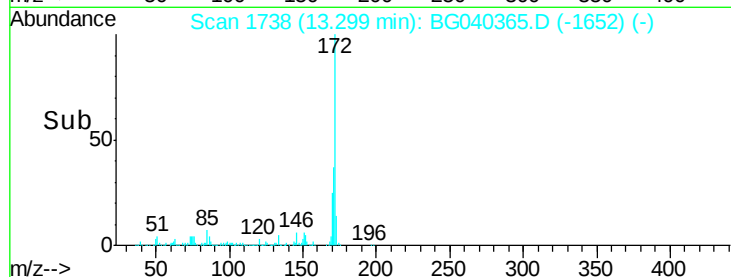
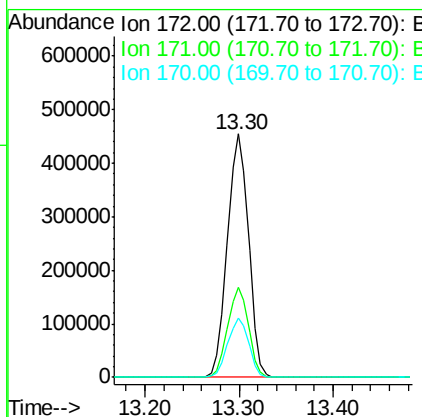
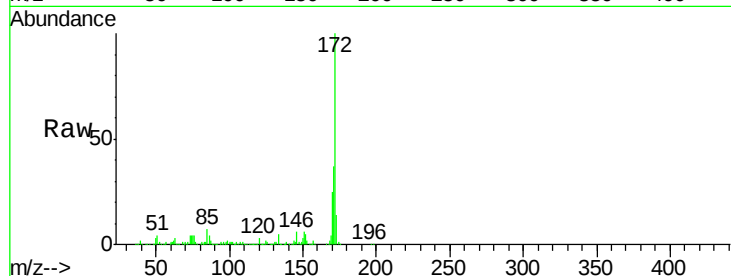




#45
2-Fluorobiphenyl
Concen: 78.058 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

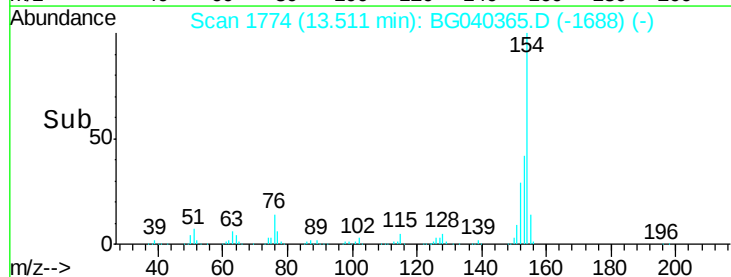
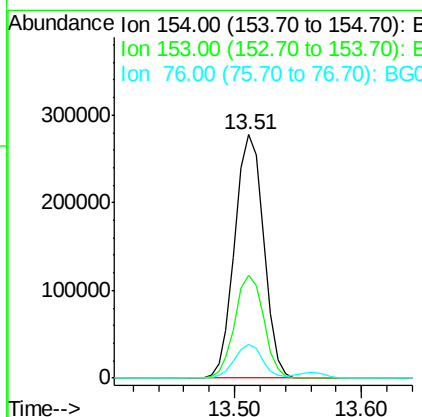
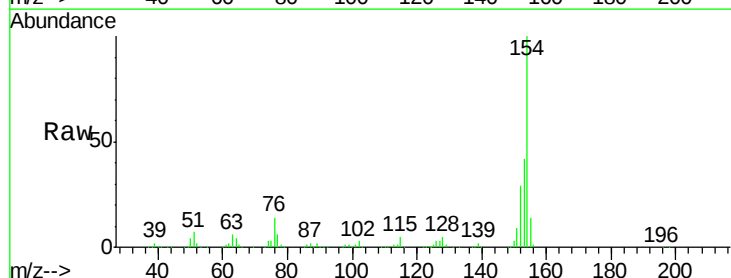
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.5	20.1	30.1



#46
1,1'-Biphenyl
Concen: 41.175 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.5	62.5
76	14.0	0.0	33.7

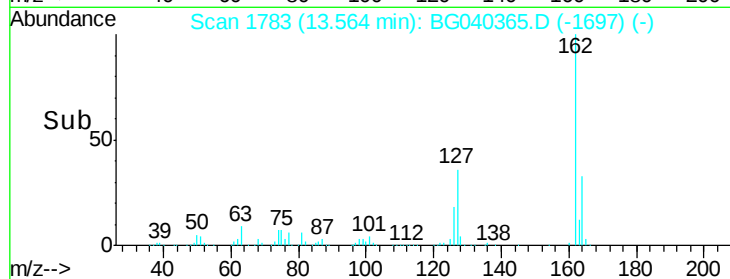
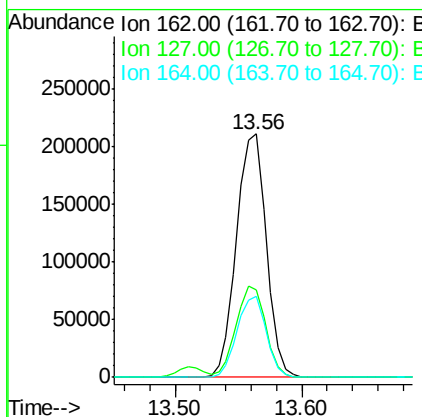
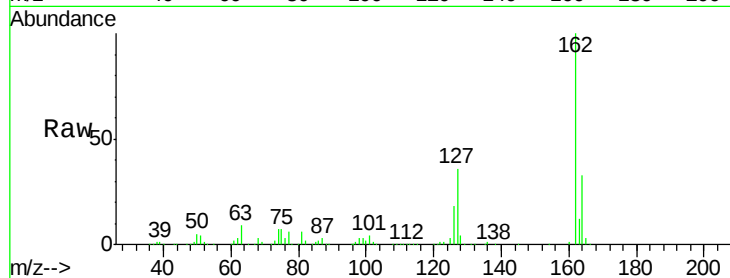




#47
 2-Chloronaphthalene
 Concen: 42.107 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

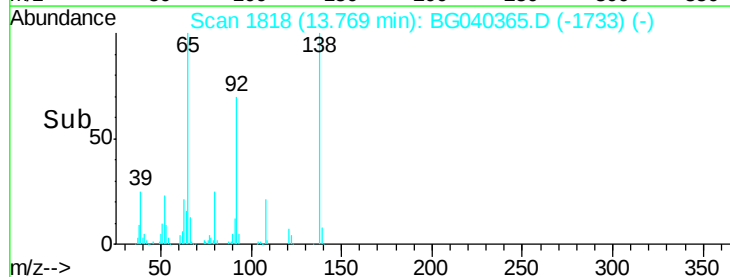
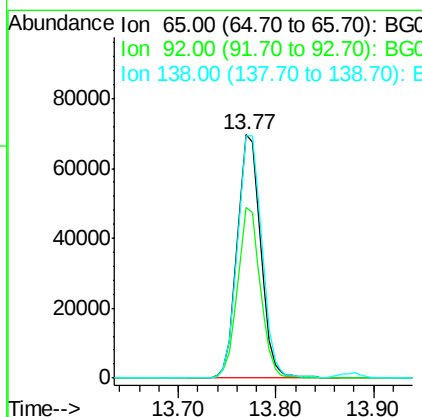
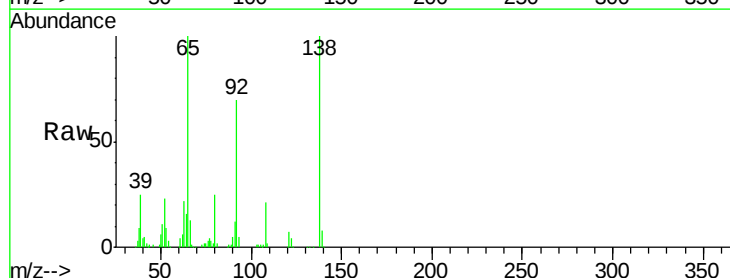
Instrument :
 BNA_G
 ClientSampled :

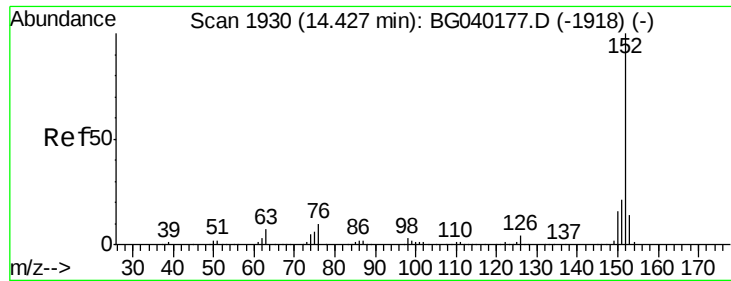
Tot Ion:162 Resp: 344039
 Ion Ratio Lower Upper
 162 100
 127 36.1 30.6 45.8
 164 33.1 26.2 39.4



#48
 2-Nitroaniline
 Concen: 42.381 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion: 65 Resp: 116802
 Ion Ratio Lower Upper
 65 100
 92 70.0 53.8 80.6
 138 99.7 86.3 129.5





#49

Acenaphthylene

Concen: 41.193 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

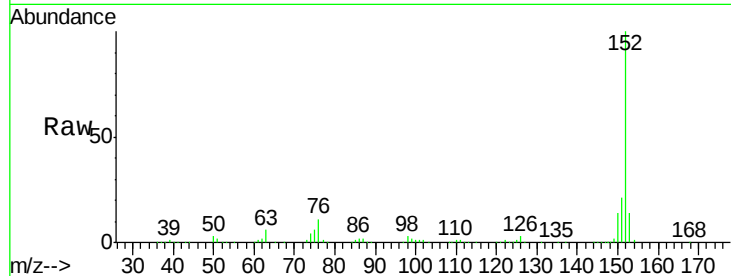
Tot Ion:152 Resp: 570646

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

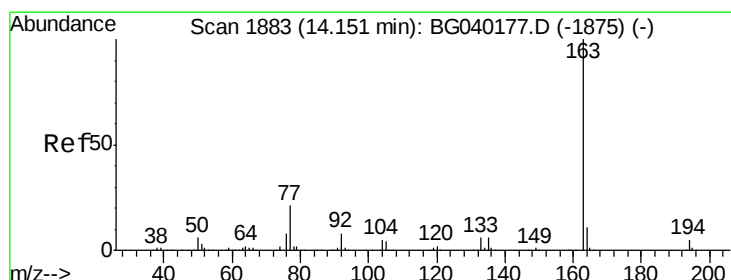
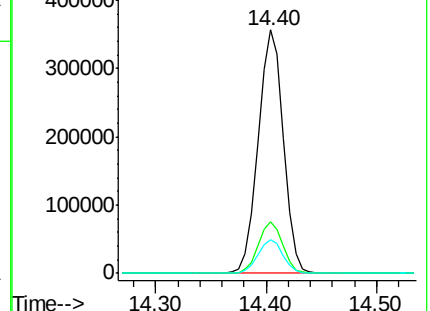
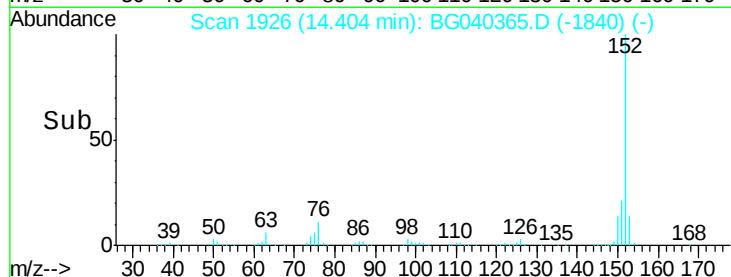
153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.973 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

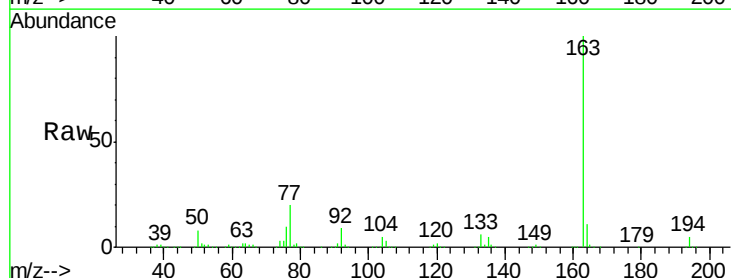
Tgt Ion:163 Resp: 442842

Ion Ratio Lower Upper

163 100

194 5.1 4.1 6.1

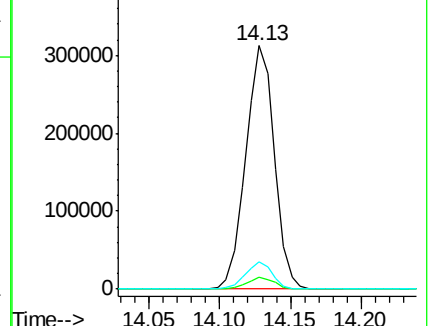
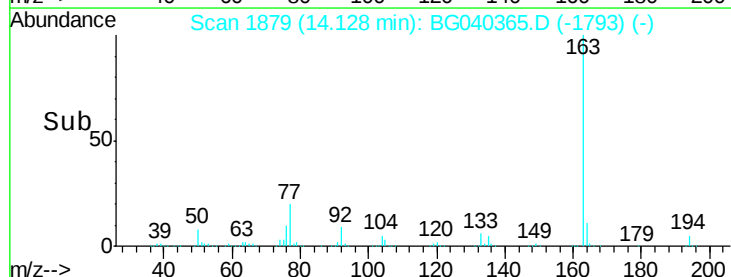
164 11.1 8.6 13.0

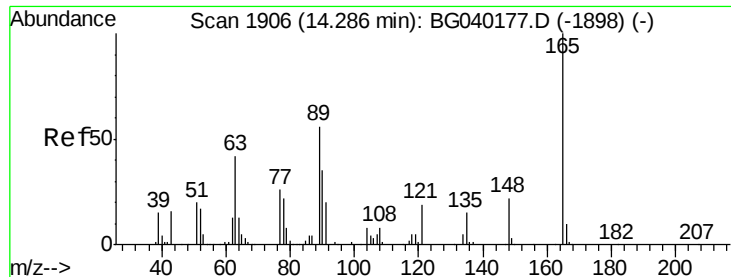


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.266 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampled :

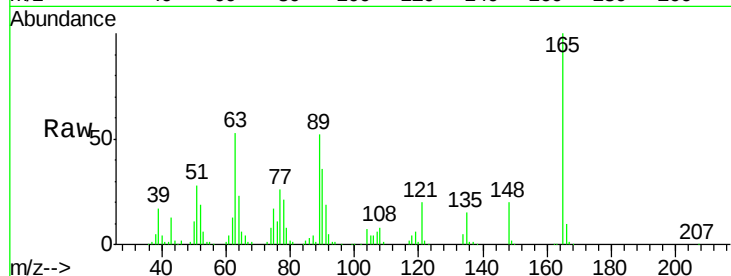
Tot Ion:165 Resp: 102497

Ion Ratio Lower Upper

165 100

63 52.5 44.1 66.1

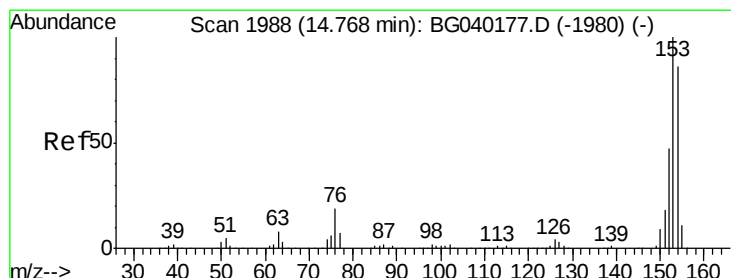
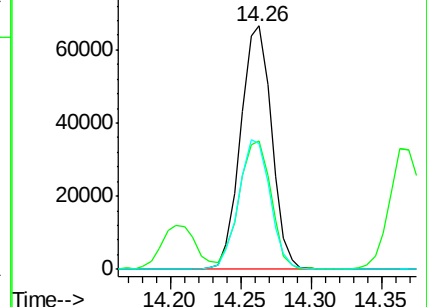
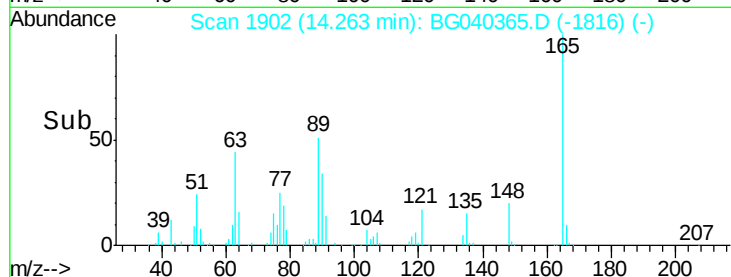
89 51.9 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.604 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

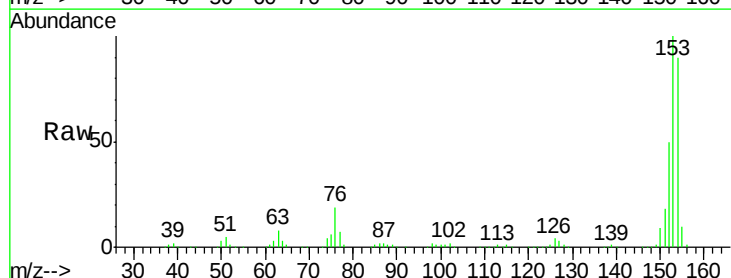
Tgt Ion:154 Resp: 330250

Ion Ratio Lower Upper

154 100

153 111.5 92.8 139.2

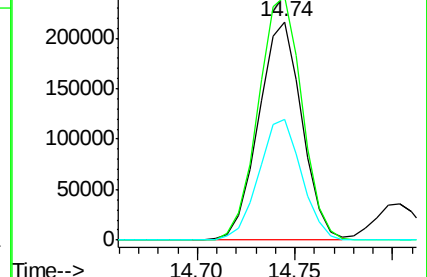
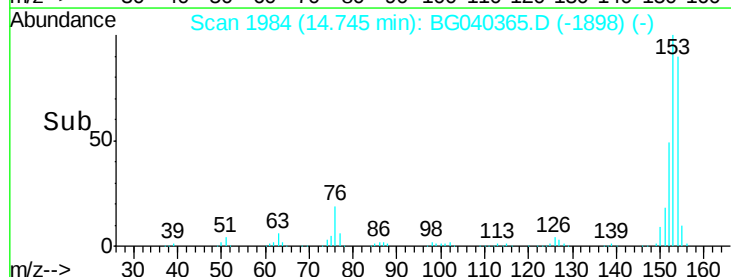
152 55.2 43.4 65.2



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

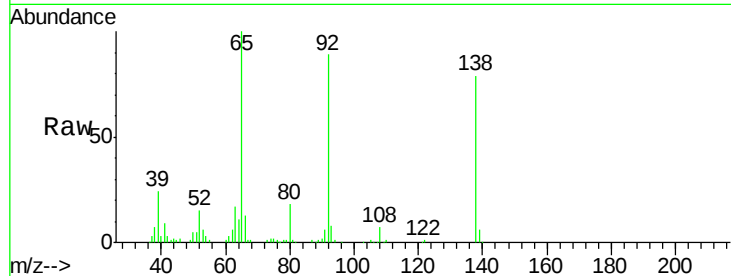




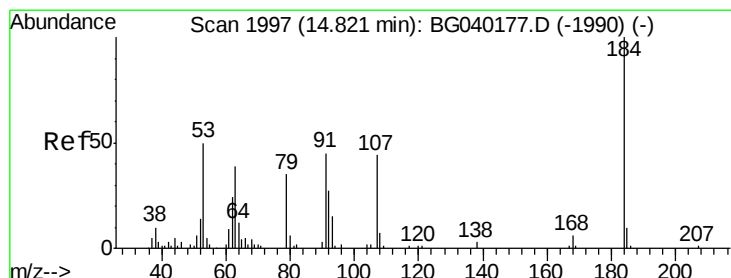
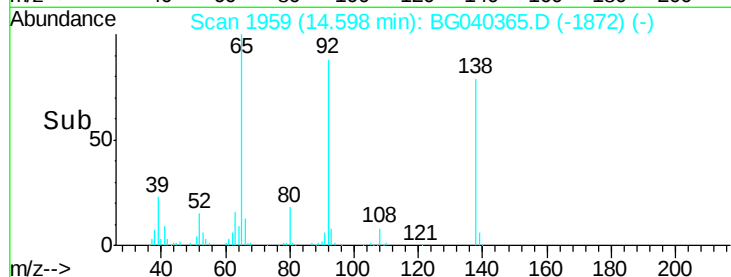
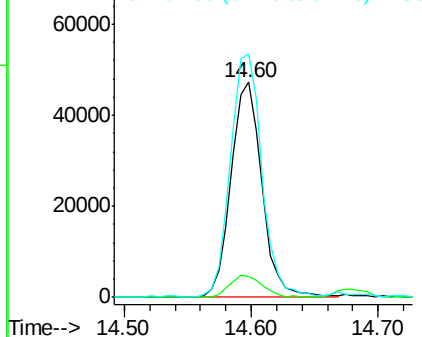
#53
3-Nitroaniline
Concen: 31.714 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 79529
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 113.3 87.5 131.3

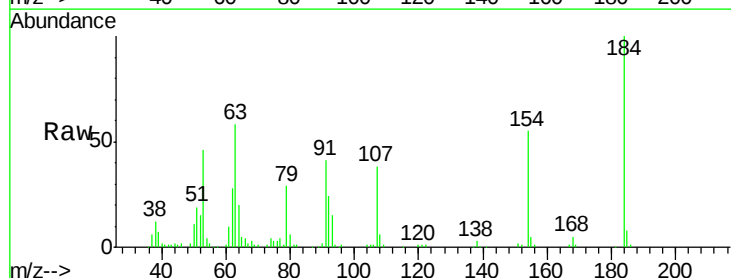


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

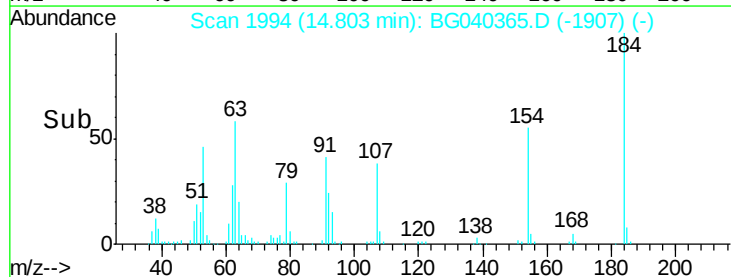
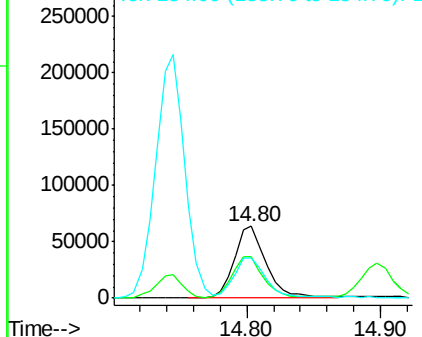


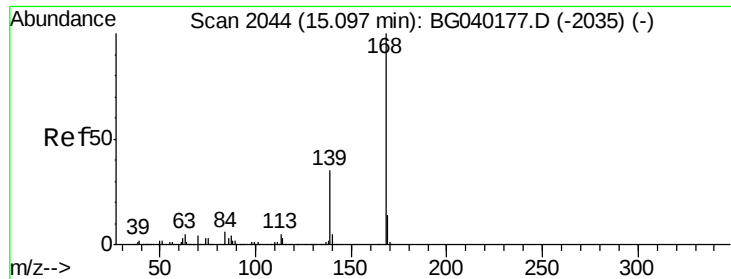
#54
2,4-Dinitrophenol
Concen: 84.406 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:184 Resp: 106342
Ion Ratio Lower Upper
184 100
63 58.0 51.8 77.8
154 55.3 50.9 76.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.532 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampled :

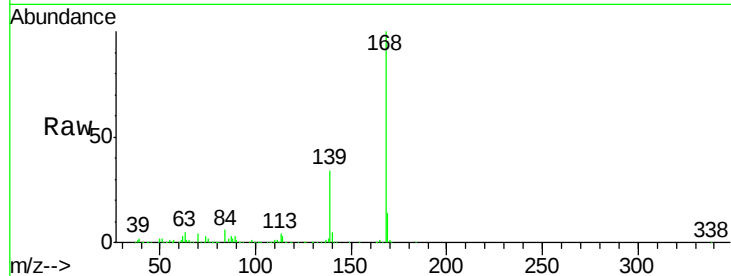
Tot Ion:168 Resp: 555252

Ion Ratio Lower Upper

168 100

139 34.0 27.9 41.9

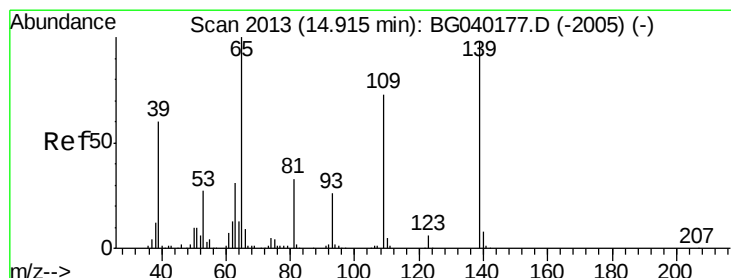
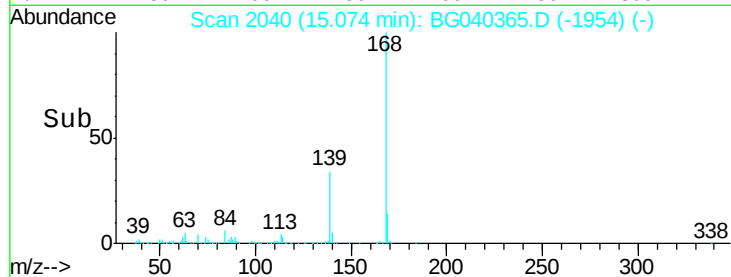
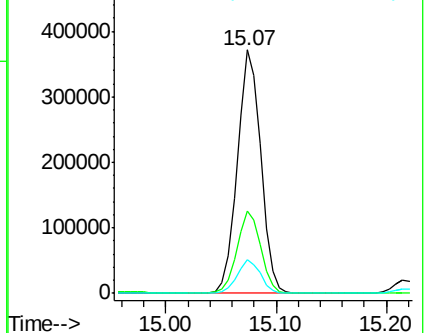
169 14.0 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.378 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

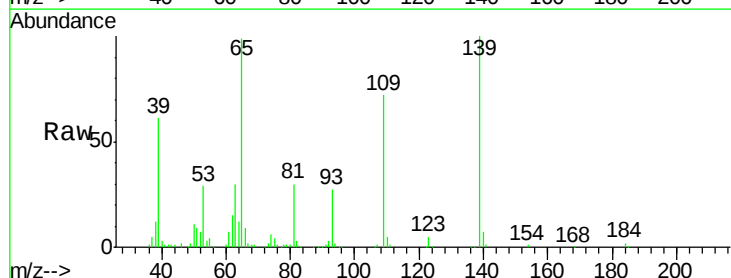
Tgt Ion:139 Resp: 178869

Ion Ratio Lower Upper

139 100

109 71.8 54.3 94.3

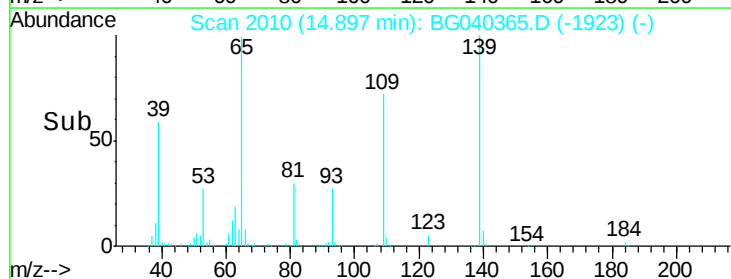
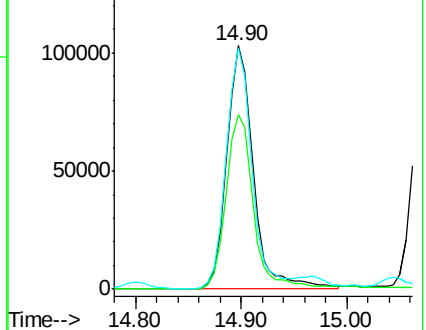
65 99.1 82.5 122.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

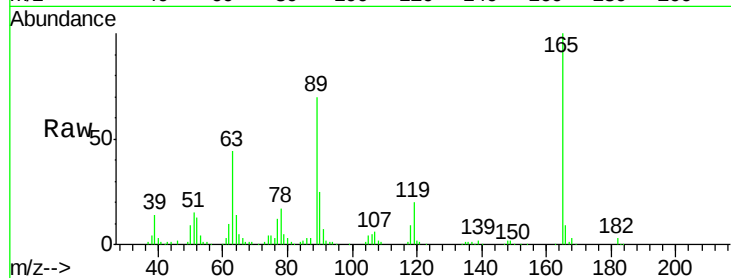




#57
2,4-Dinitrotoluene
Concen: 44.770 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampled :

Tot Ion	165	Resp	147373
Ion Ratio	Lower	Upper	
165	100		
63	43.5	33.8	50.6
89	70.1	55.4	83.2
182	3.1	2.2	3.4

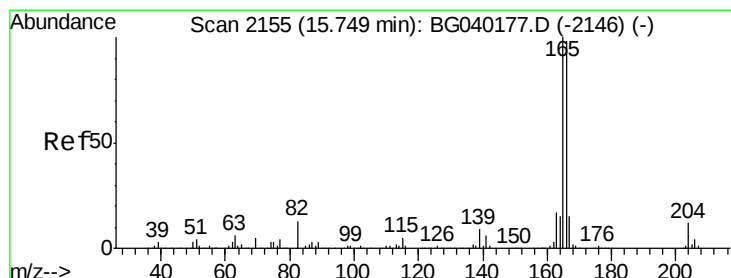
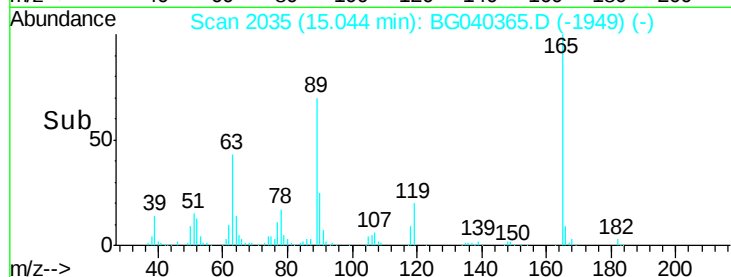
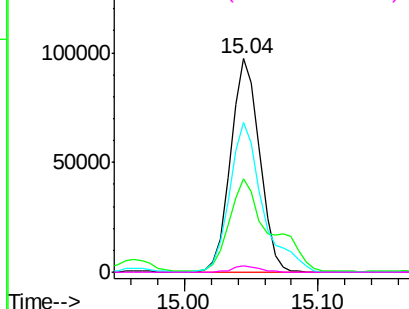


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

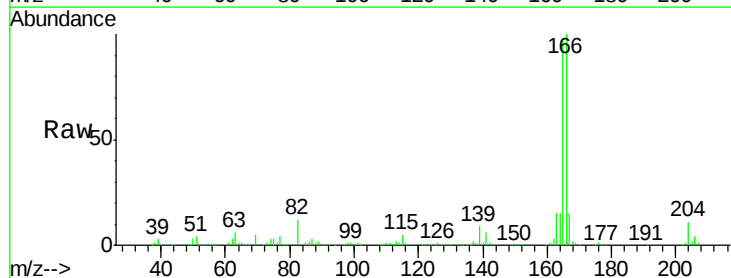
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.393 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

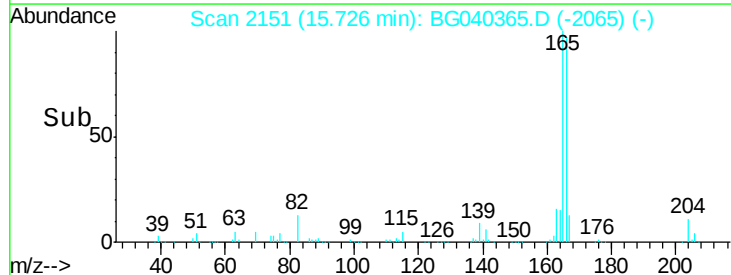
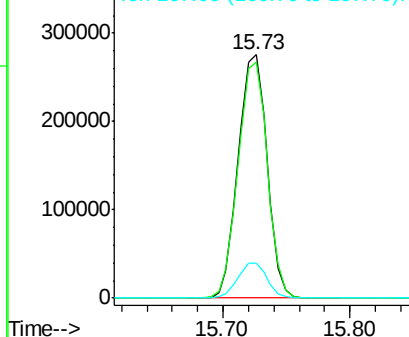
Tgt Ion	166	Resp	435156
Ion Ratio	Lower	Upper	
166	100		
165	96.7	81.7	122.5
167	14.5	11.9	17.9

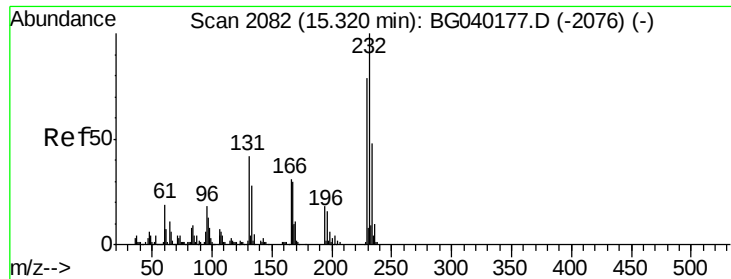


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

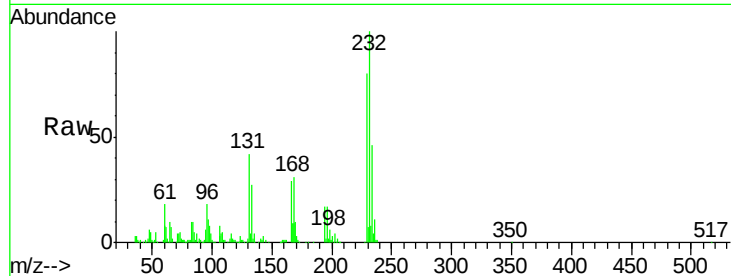




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.728 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	130409
Ion Ratio	Lower	Upper
232	100	
131	40.9	32.9 49.3
130	2.2	1.8 2.8
166	28.5	23.5 35.3

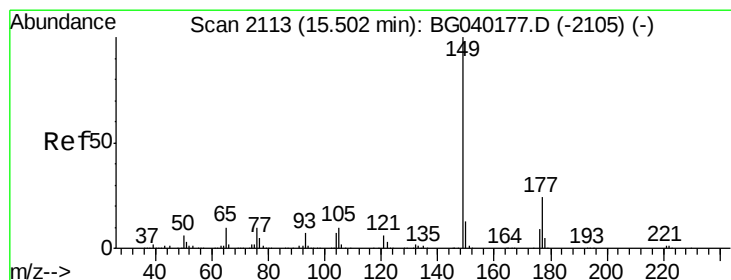
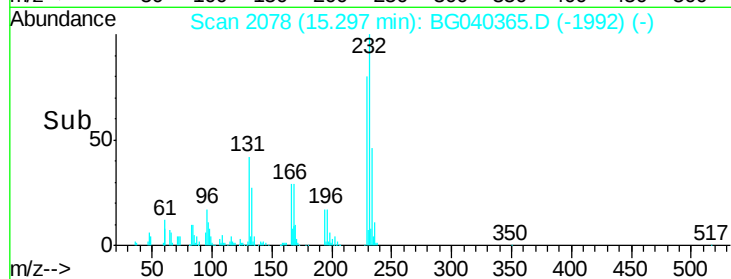
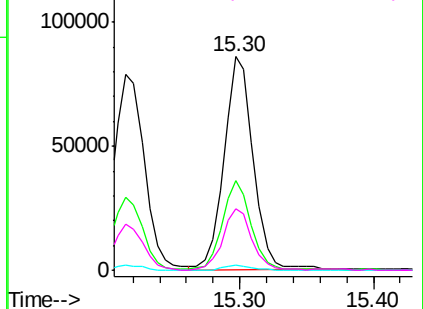


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

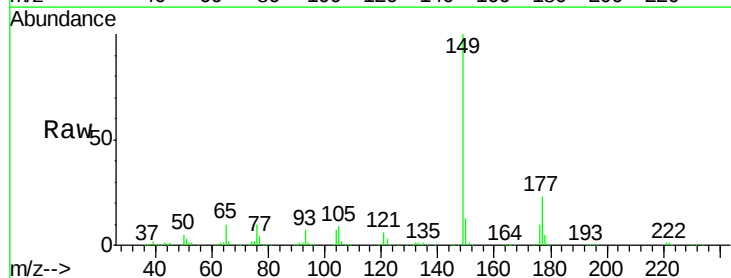
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.926 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

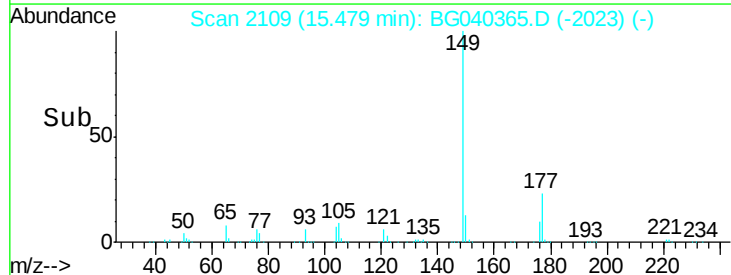
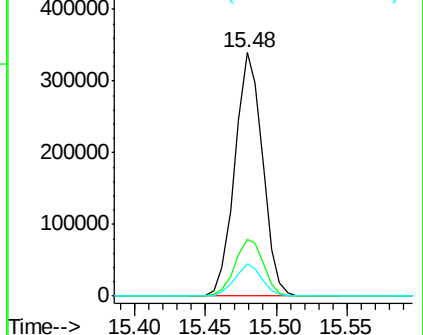
Tgt Ion:149	Resp:	463446
Ion Ratio	Lower	Upper
149	100	
177	23.4	19.1 28.7
150	13.3	10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

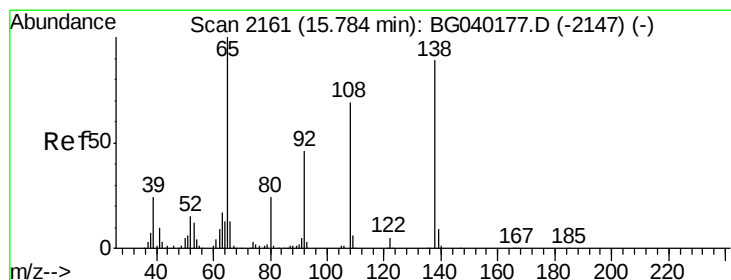
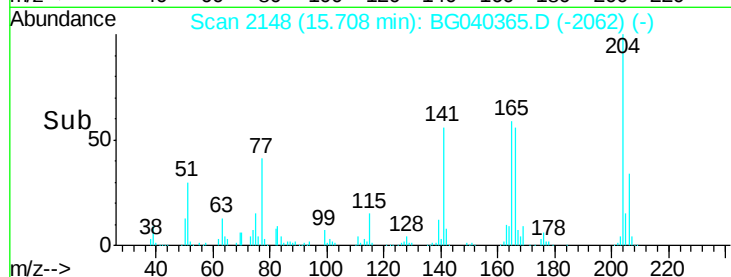
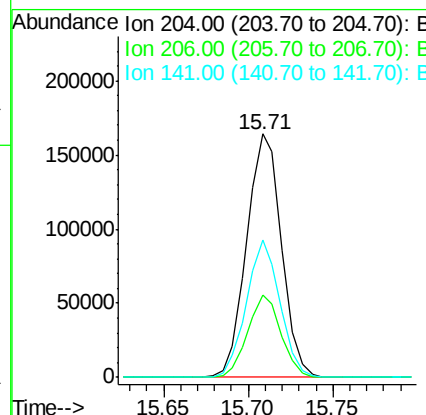
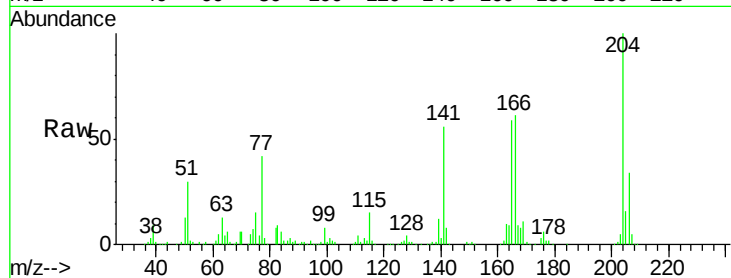




#61
 4-Chlorophenyl-phenylether
 Concen: 43.755 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

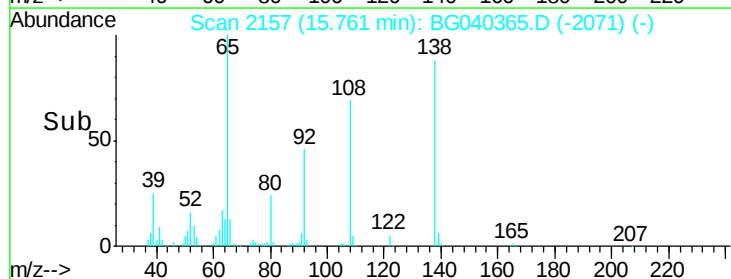
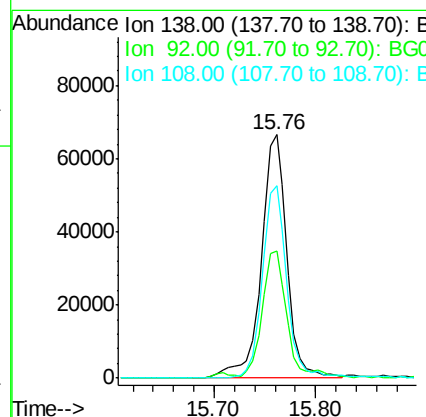
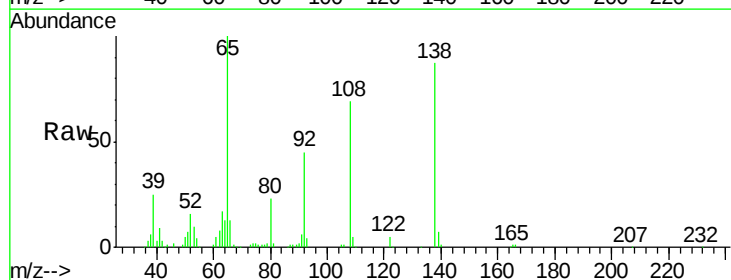
Instrument :
 BNA_G
 ClientSampleId :

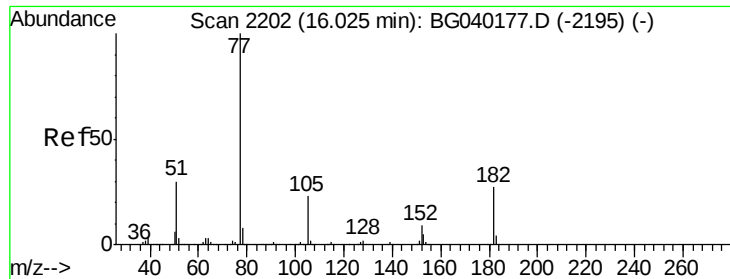
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.7	38.5
141	56.2	44.0	66.0



#62
 4-Nitroaniline
 Concen: 43.551 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.8	71.8
108	79.0	57.2	97.2

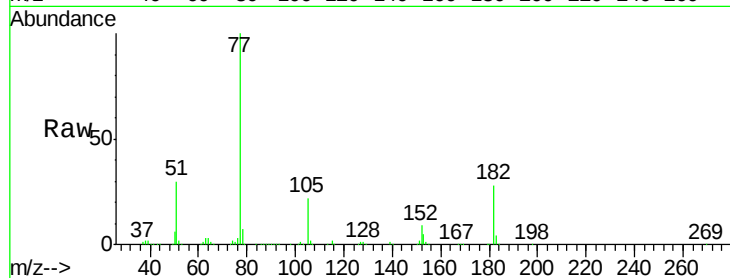




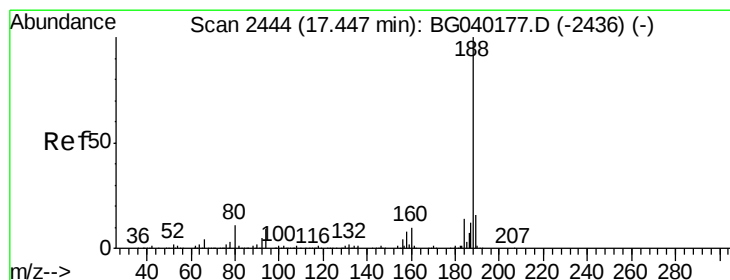
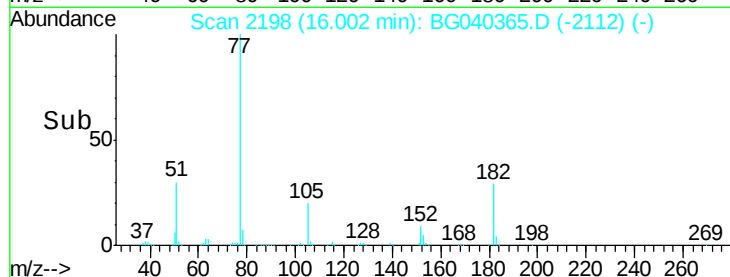
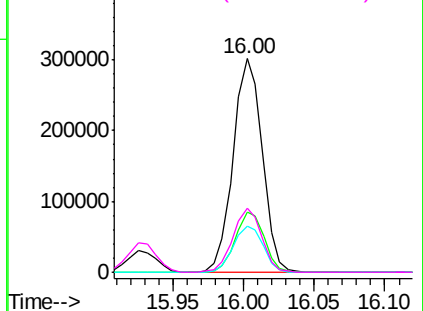
#63
Azobenzene
Concen: 42.495 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	7.2	47.2
105	21.6	2.8	42.8
51	30.2	10.4	50.4

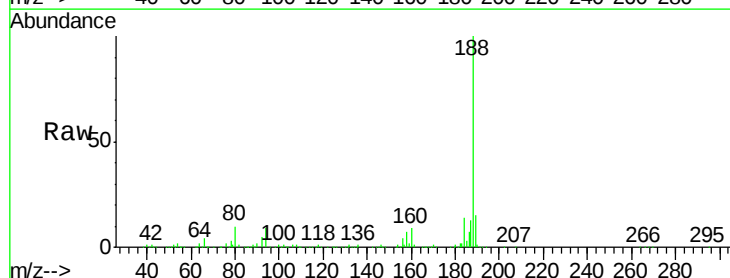


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

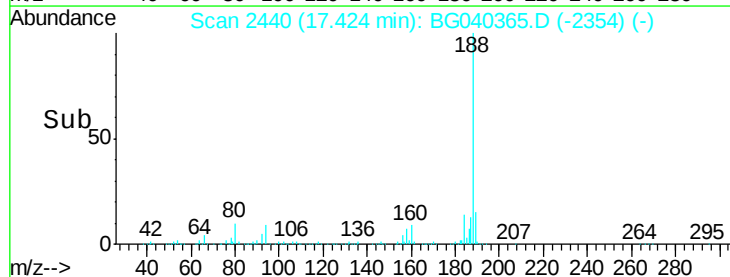
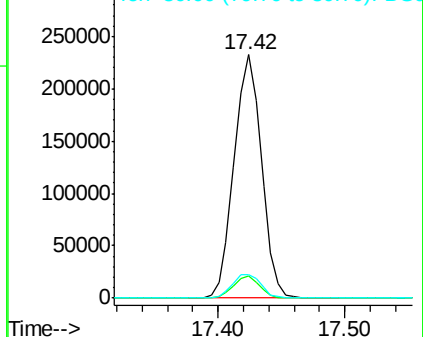


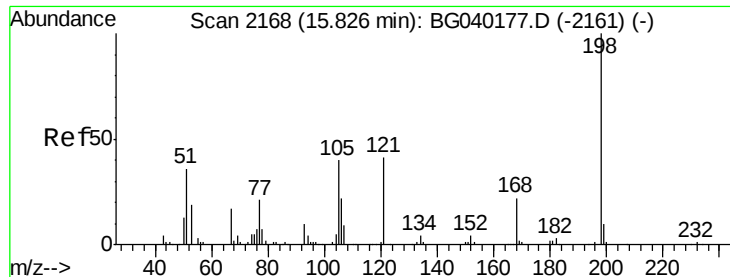
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.6	8.6	13.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 43.136 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

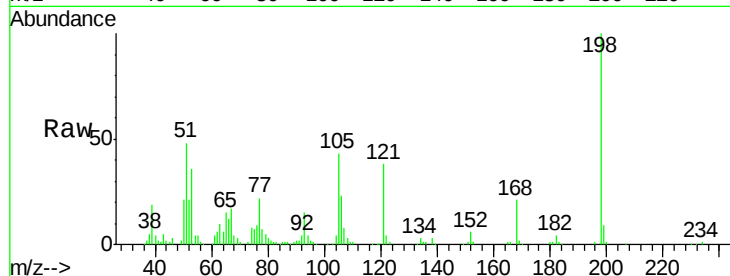
Tot Ion:198 Resp: 84176

Ion Ratio Lower Upper

198 100

51 47.7 27.3 67.3

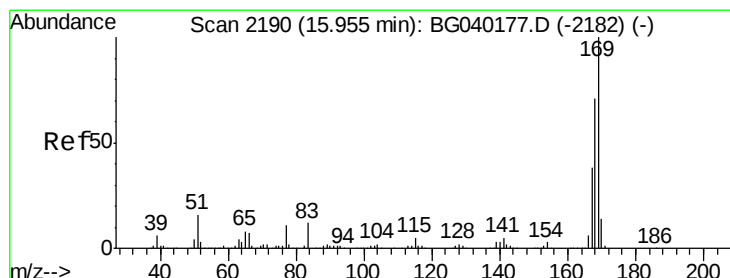
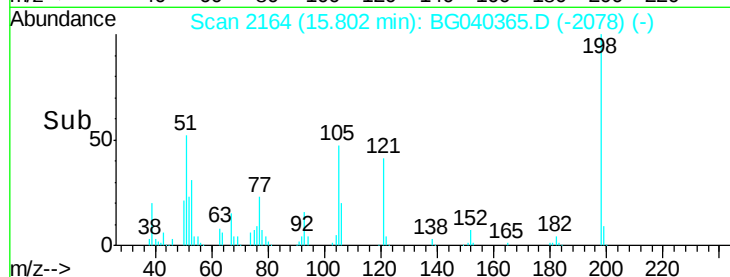
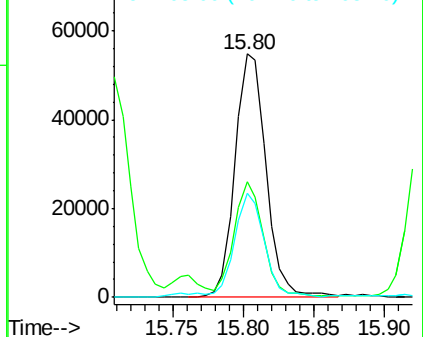
105 42.6 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.736 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

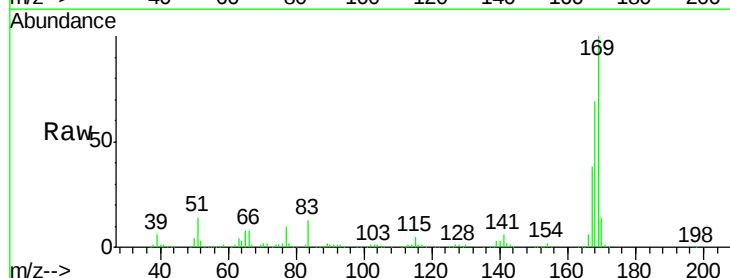
Tgt Ion:169 Resp: 414052

Ion Ratio Lower Upper

169 100

168 68.6 56.8 85.2

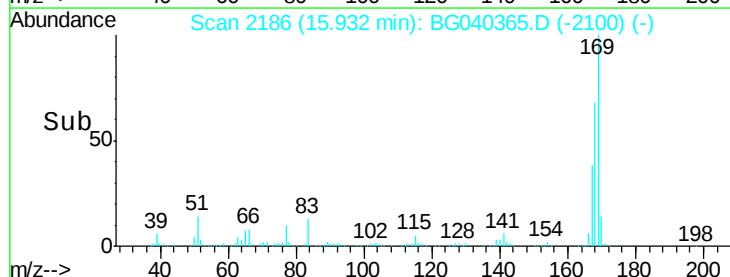
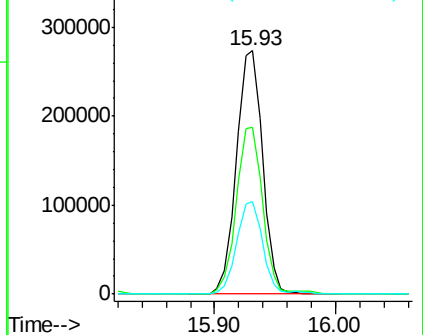
167 37.9 30.2 45.4

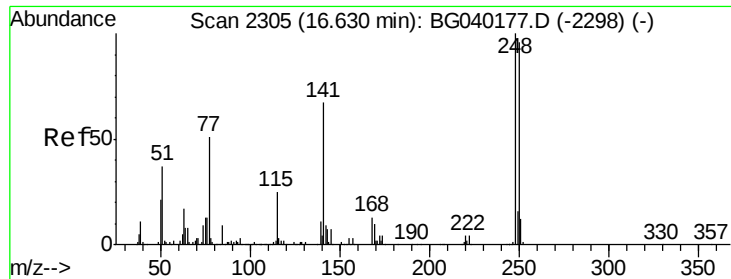


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

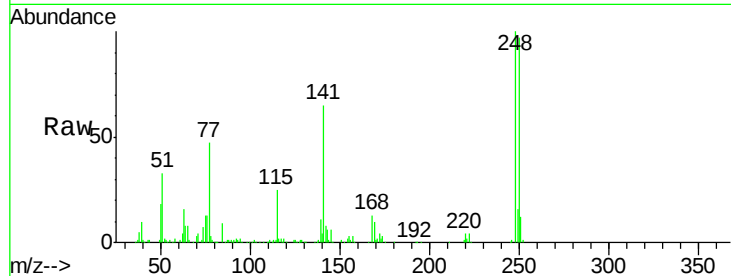




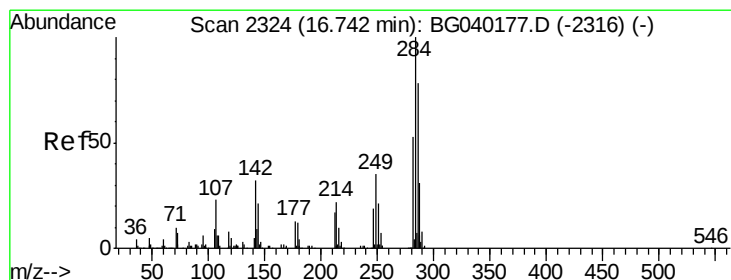
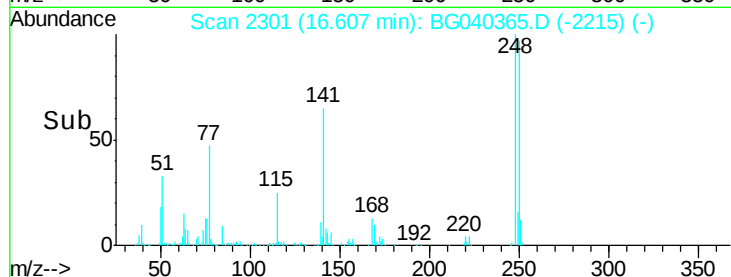
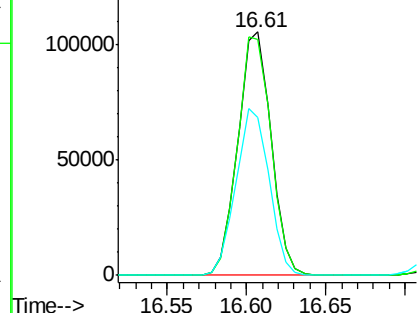
#67
4-Bromophenyl-phenylether
Concen: 39.289 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 153573
Ion Ratio Lower Upper
248 100
250 96.8 76.4 114.6
141 64.6 53.8 80.8

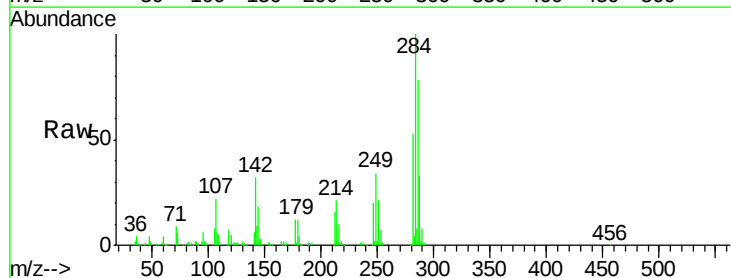


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

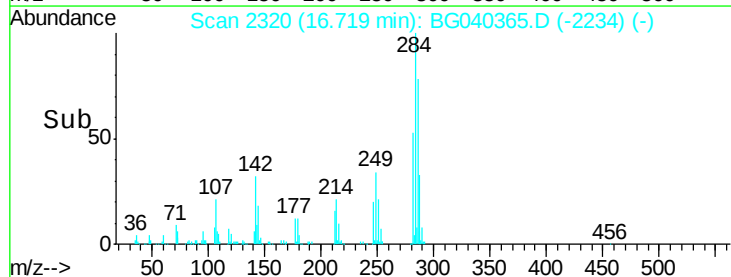
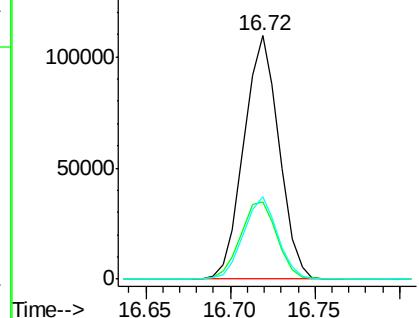


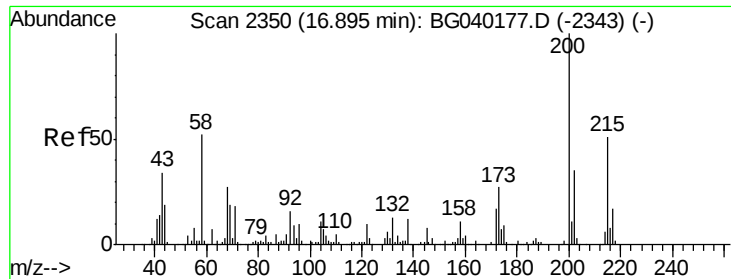
#68
Hexachlorobenzene
Concen: 40.401 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:284 Resp: 158781
Ion Ratio Lower Upper
284 100
142 31.8 25.3 37.9
249 33.9 28.2 42.2



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

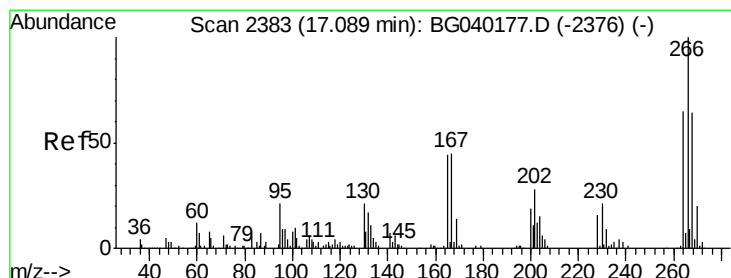
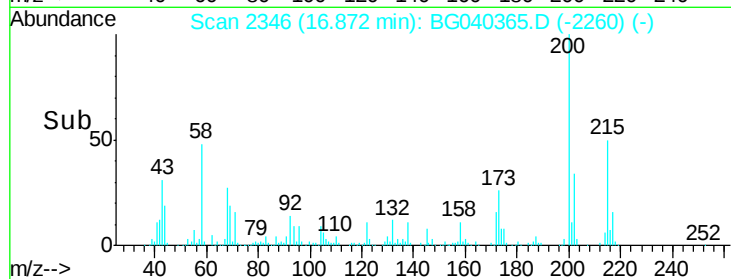
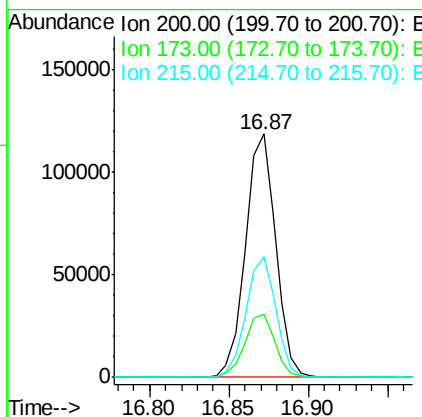
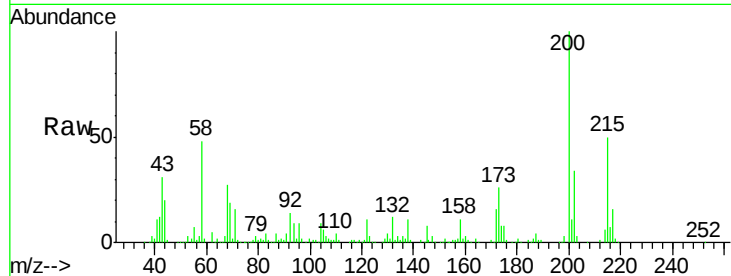




#69
 Atrazine
 Concen: 41.576 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

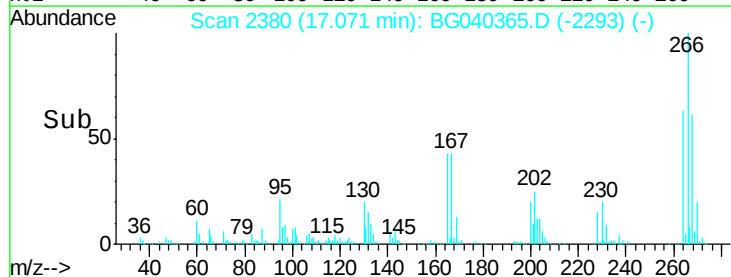
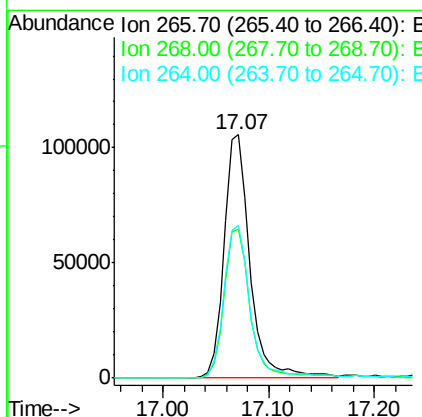
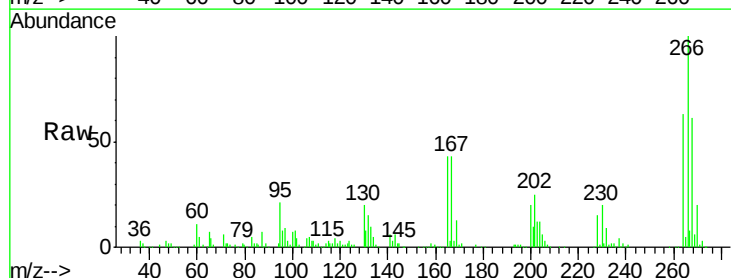
Instrument :
 BNA_G
 ClientSampleId :

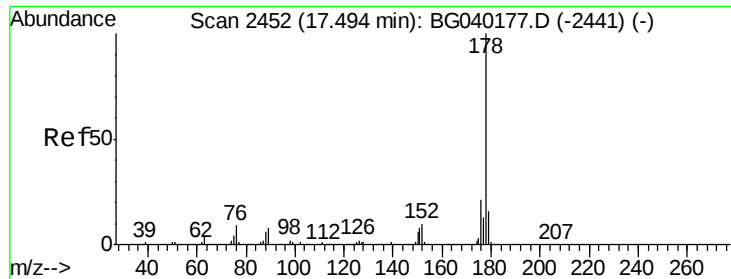
Tot Ion:200 Resp: 157200
 Ion Ratio Lower Upper
 200 100
 173 25.8 7.1 47.1
 215 49.6 30.9 70.9



#70
 Pentachlorophenol
 Concen: 79.071 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040365.D
 Acq: 4 Apr 2019 18:37

Tgt Ion:266 Resp: 179663
 Ion Ratio Lower Upper
 266 100
 268 61.4 55.0 82.4
 264 62.9 51.8 77.8

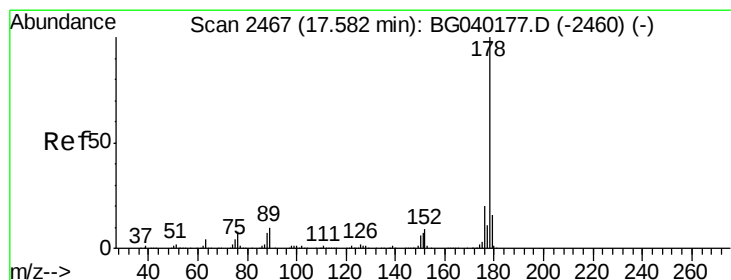
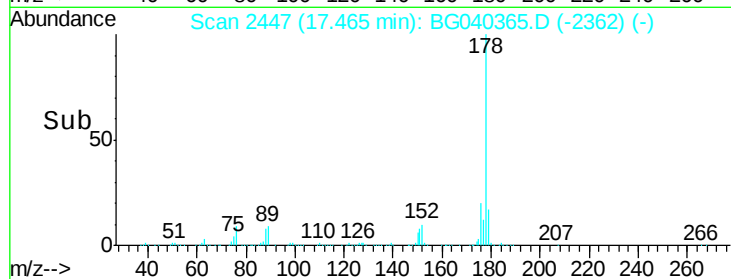
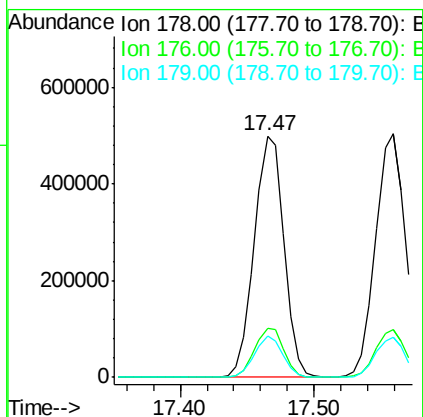
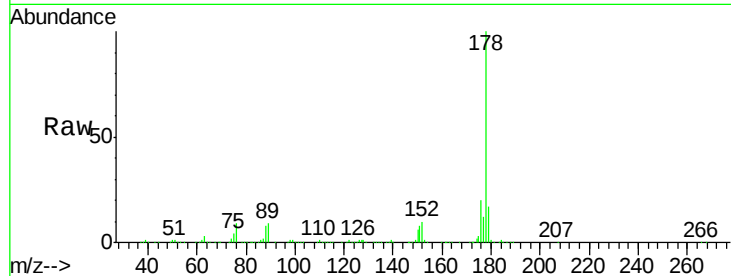




#71
Phenanthrene
Concen: 41.805 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

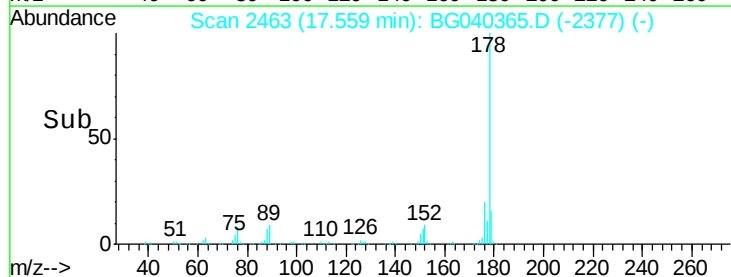
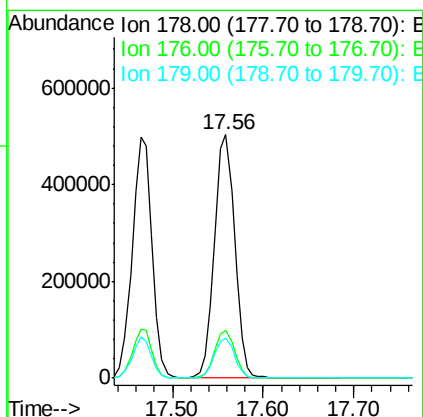
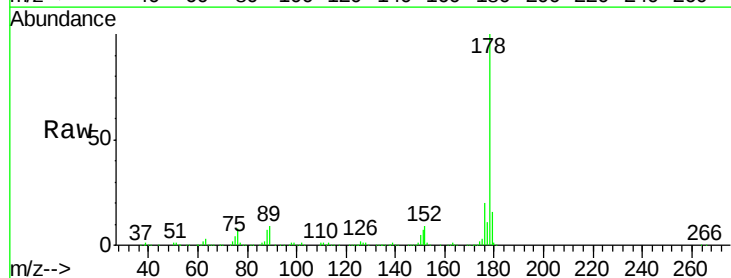
Instrument :
BNA_G
ClientSampleId :

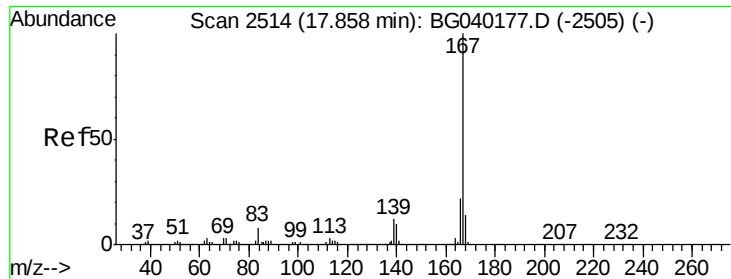
Tot Ion:178 Resp: 763230
Ion Ratio Lower Upper
178 100
176 20.5 16.7 25.1
179 16.9 12.8 19.2



#72
Anthracene
Concen: 42.707 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:178 Resp: 780420
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.4 12.9 19.3





#73

Carbazole

Concen: 43.602 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

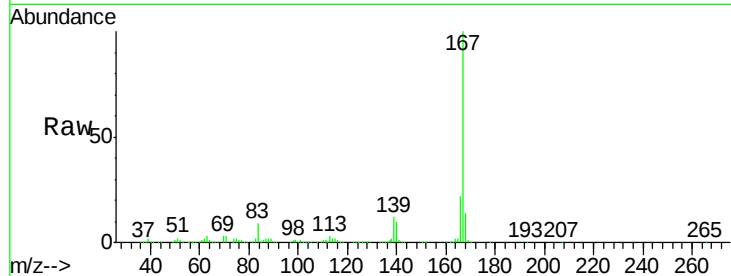
Tot Ion:167 Resp: 754051

Ion Ratio Lower Upper

167 100

166 22.3 17.5 26.3

139 12.3 10.0 15.0

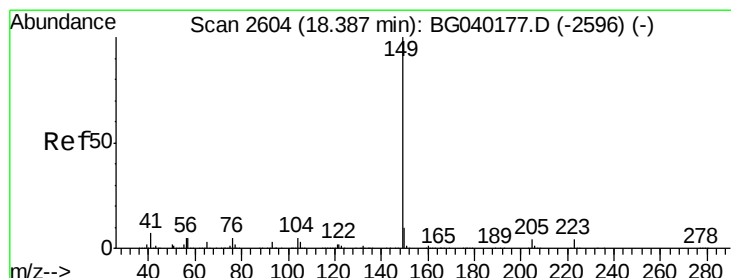
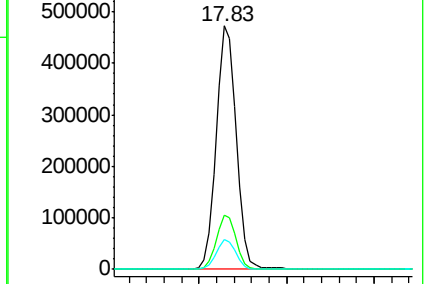
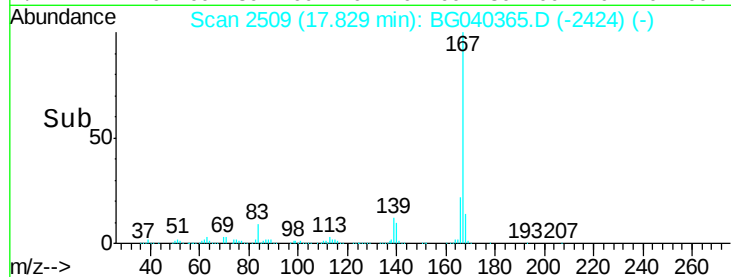


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.83



#74

Di-n-butylphthalate

Concen: 43.480 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

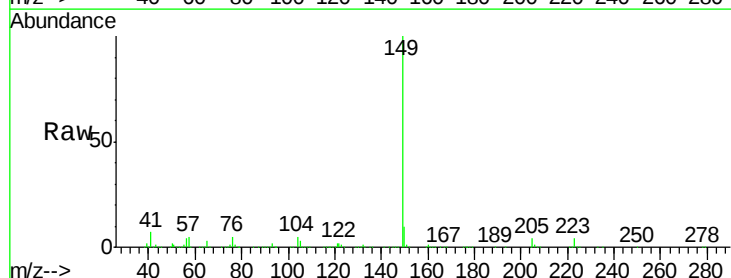
Tgt Ion:149 Resp: 891314

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

104 5.0 4.1 6.1

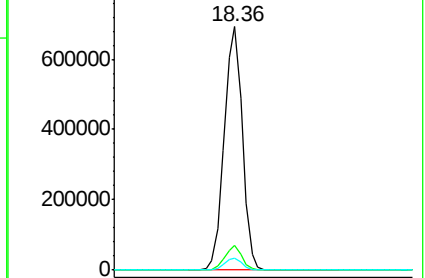
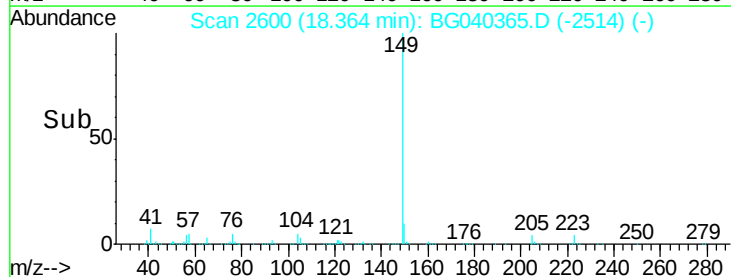


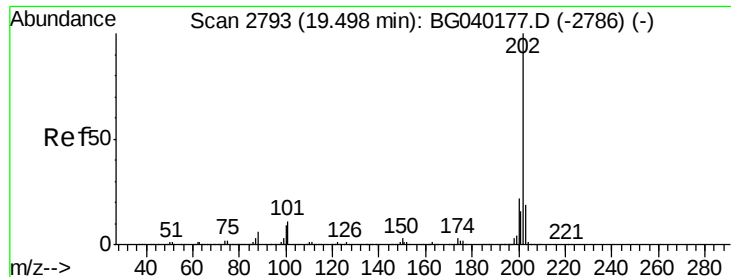
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.36





#75

Fluoranthene

Concen: 45.088 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

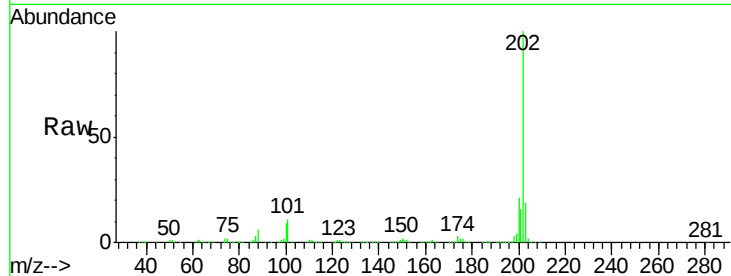
Tot Ion:202 Resp: 974729

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

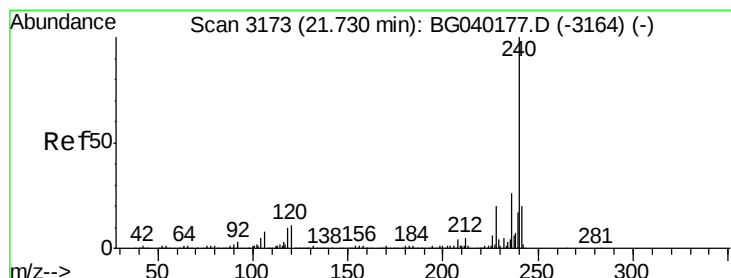
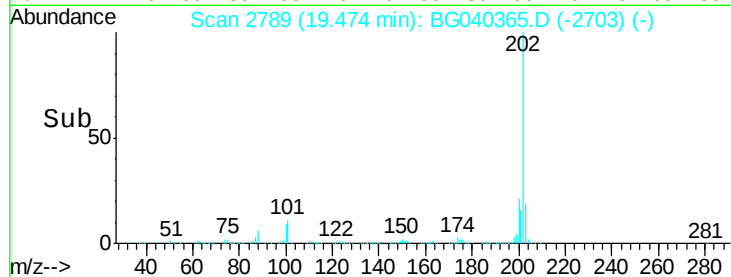
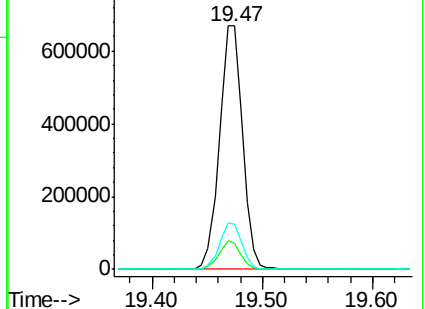
203 18.8 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

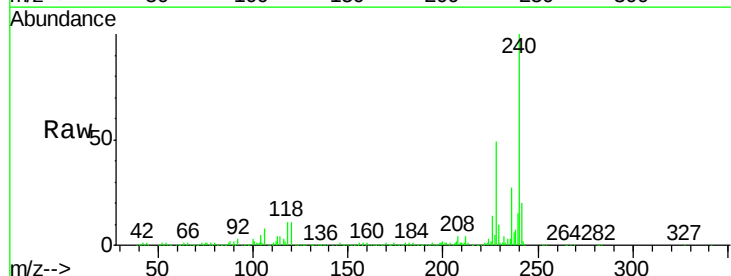
Tgt Ion:240 Resp: 372668

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

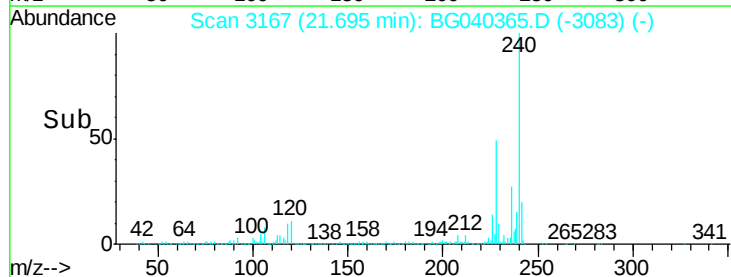
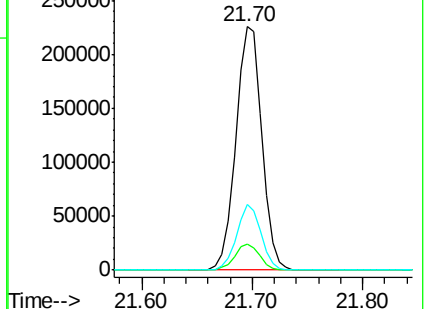
236 26.9 20.8 31.2

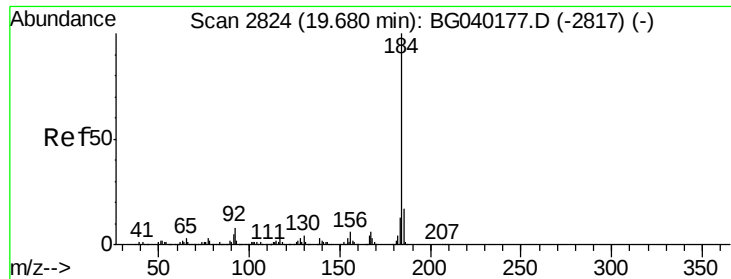


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.629 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

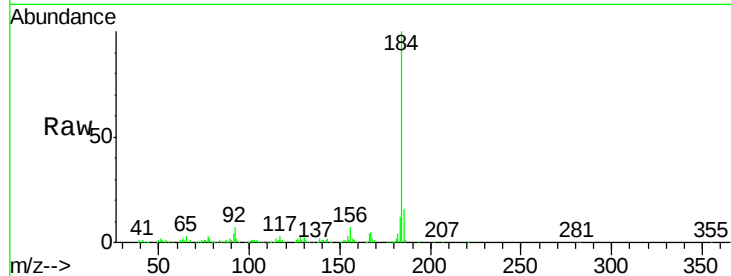
Tot Ion:184 Resp: 358365

Ion Ratio Lower Upper

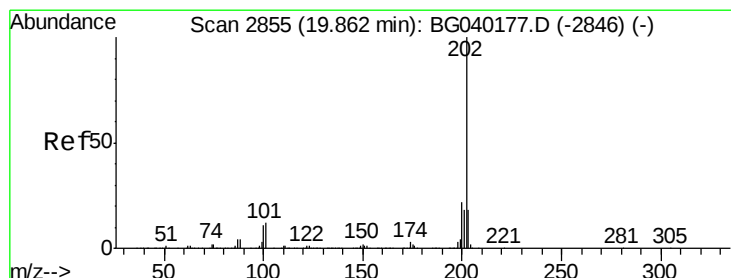
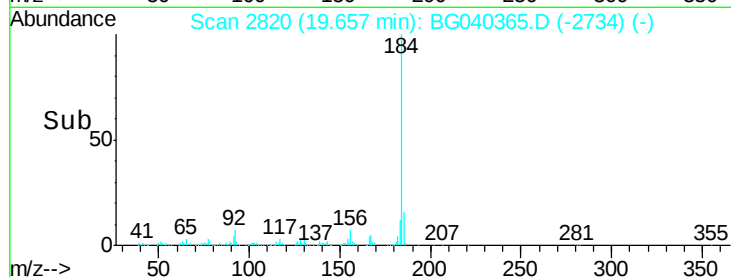
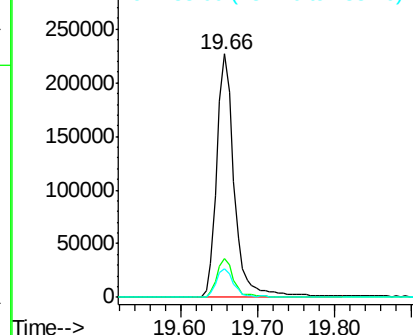
184 100

185 15.8 13.3 19.9

183 11.7 10.3 15.5



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



#78

Pyrene

Concen: 40.761 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

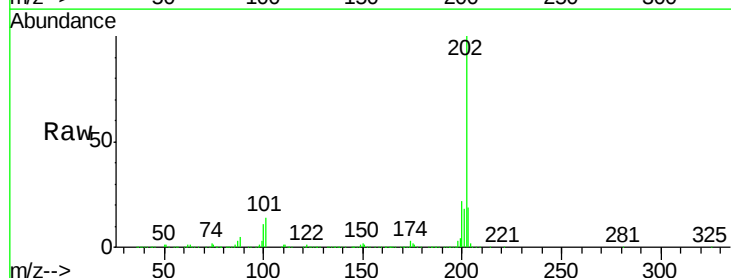
Tgt Ion:202 Resp: 998927

Ion Ratio Lower Upper

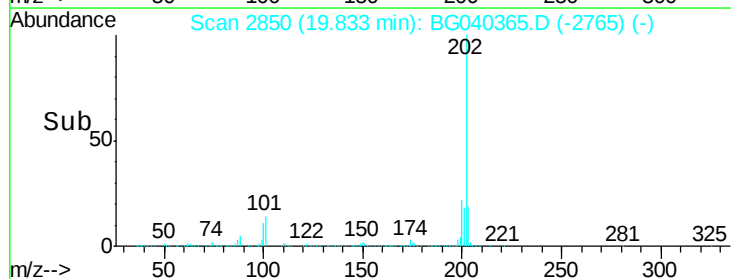
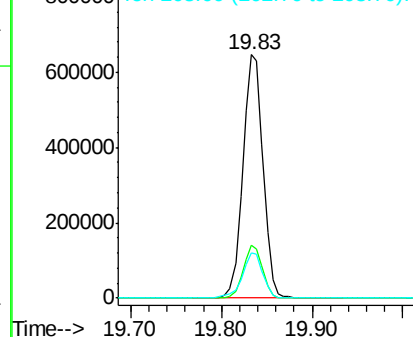
202 100

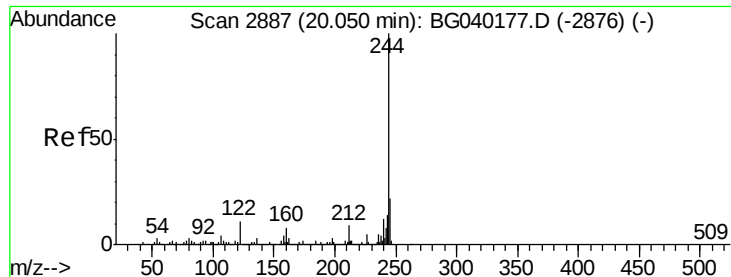
200 21.7 17.3 25.9

203 18.8 14.6 22.0



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





#79

Terphenyl-d14

Concen: 76.220 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

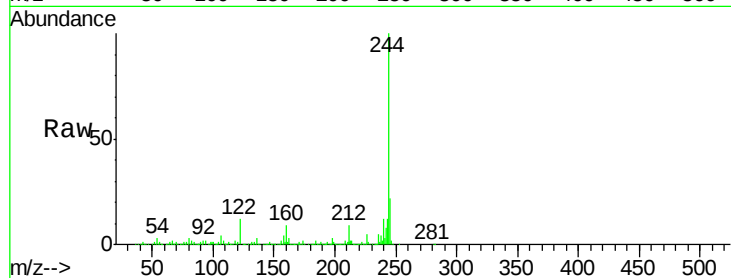
Tot Ion:244 Resp: 1262635

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

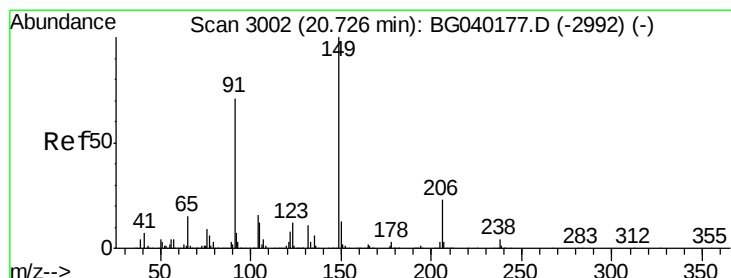
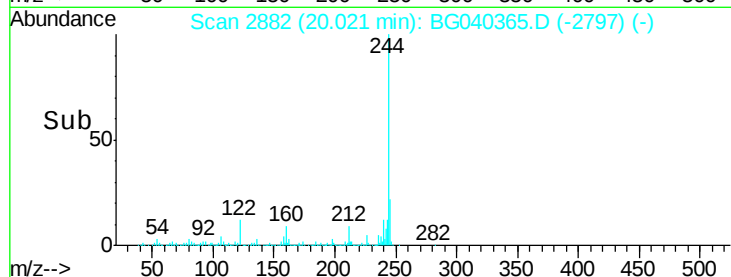
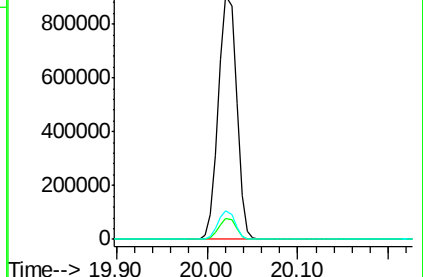
122 11.5 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.833 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

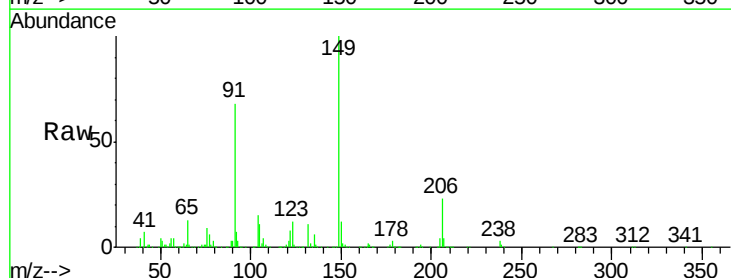
Tgt Ion:149 Resp: 438699

Ion Ratio Lower Upper

149 100

91 67.7 57.0 85.4

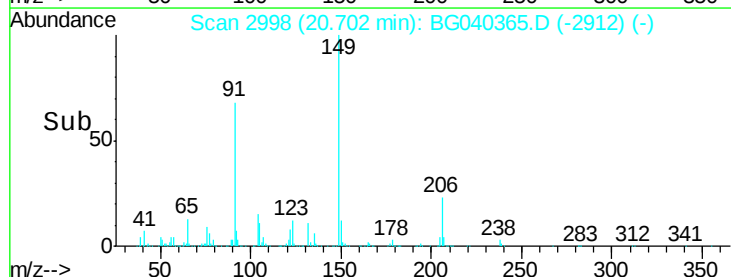
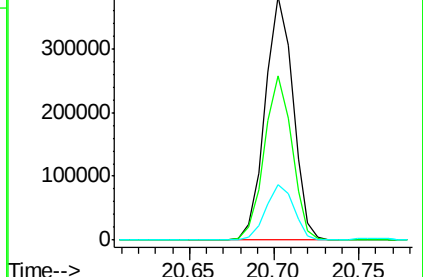
206 23.0 18.2 27.4

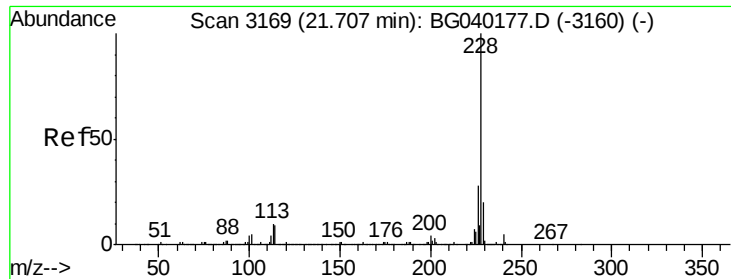


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.764 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

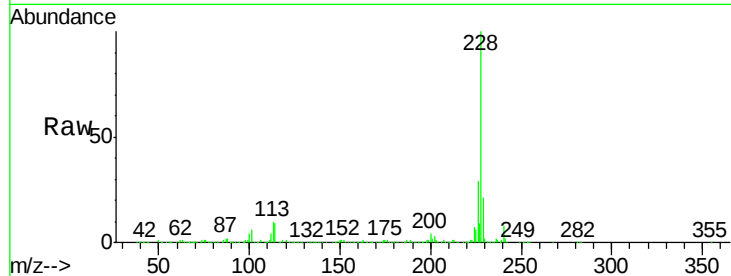
Tot Ion:228 Resp: 935708

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

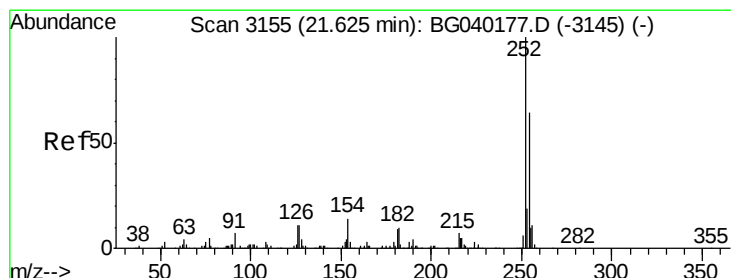
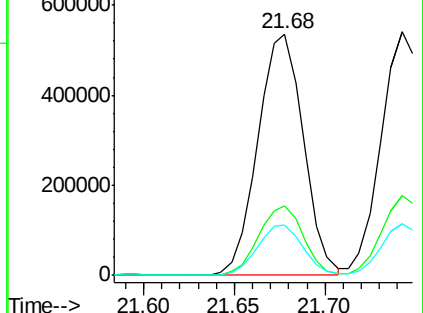
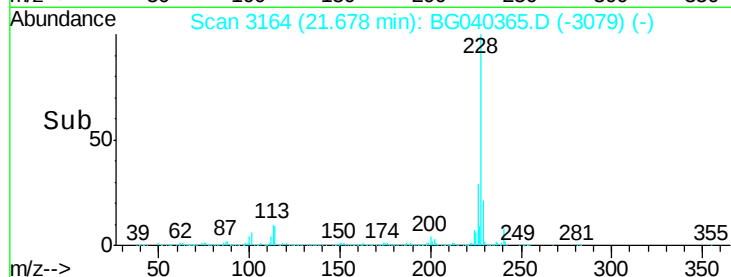
229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.808 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.04 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

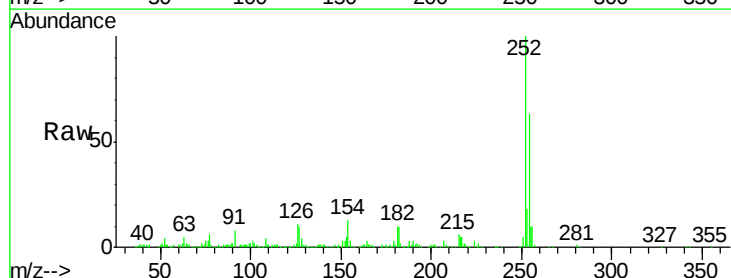
Tgt Ion:252 Resp: 242816

Ion Ratio Lower Upper

252 100

254 62.9 51.4 77.2

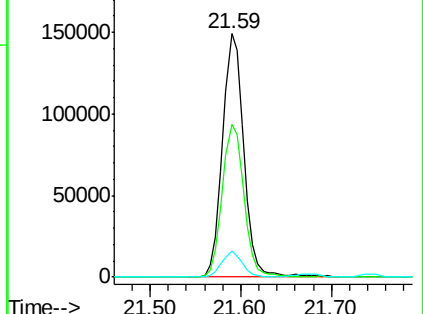
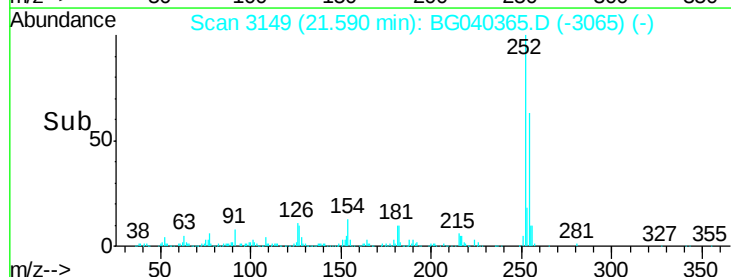
126 10.6 8.5 12.7

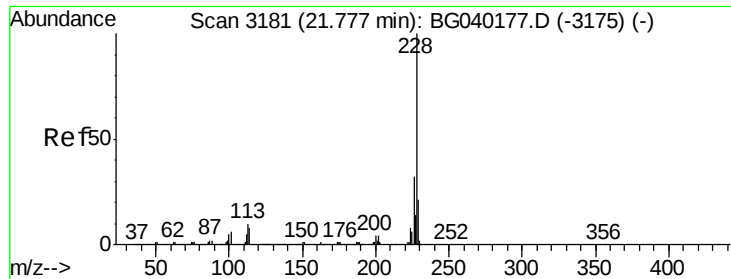


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.146 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

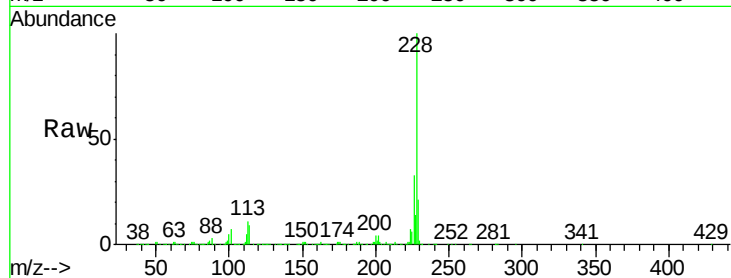
Tot Ion:228 Resp: 907699

Ion Ratio Lower Upper

228 100

226 32.8 25.4 38.0

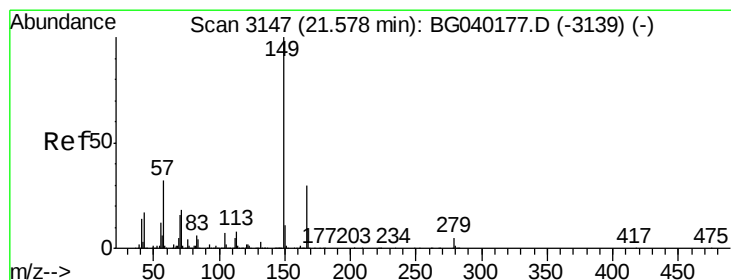
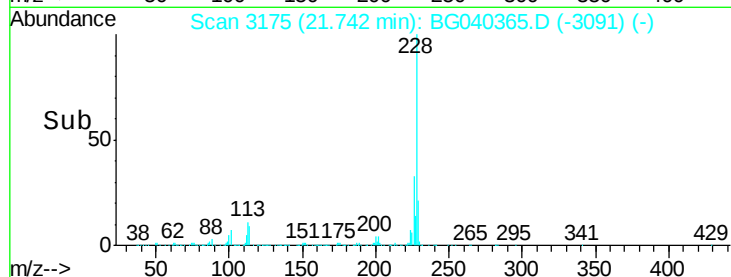
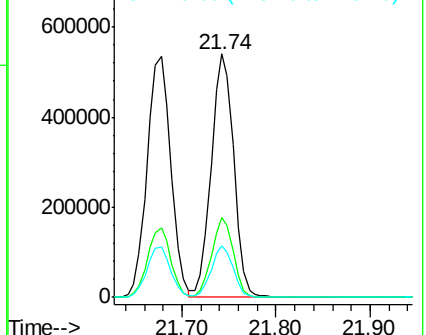
229 21.4 17.0 25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.788 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

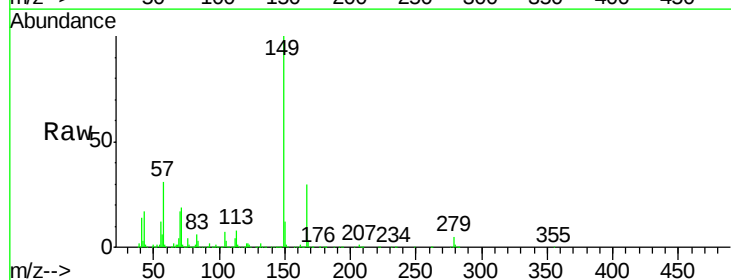
Tgt Ion:149 Resp: 626430

Ion Ratio Lower Upper

149 100

167 29.7 24.1 36.1

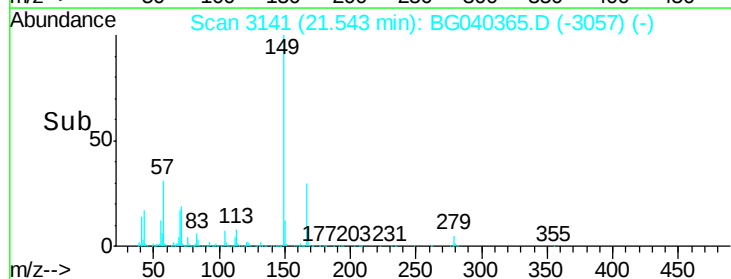
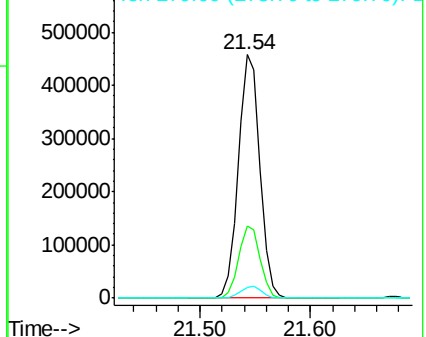
279 4.6 4.1 6.1

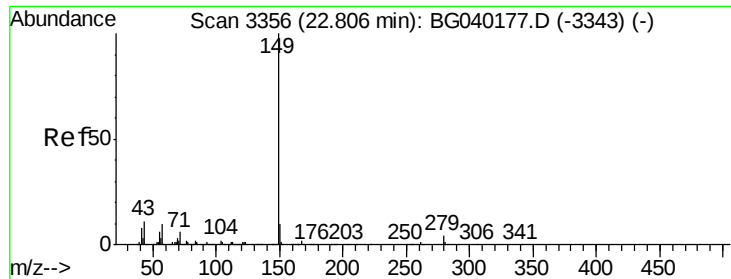


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

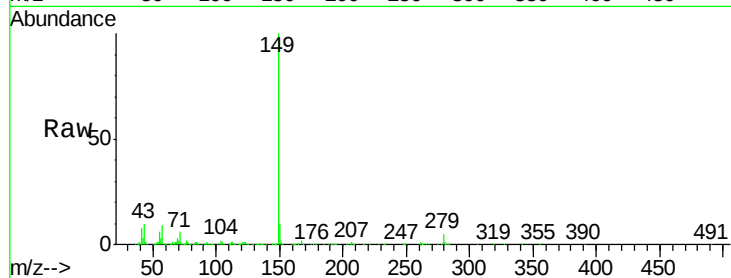




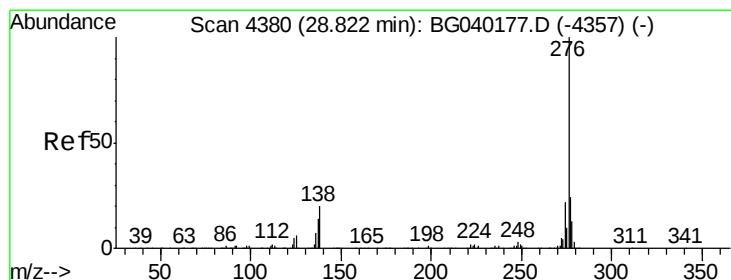
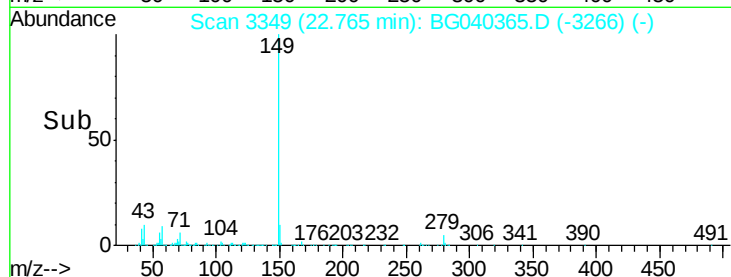
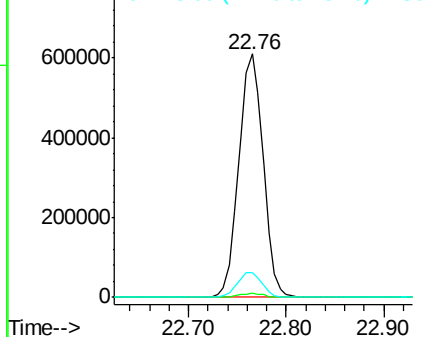
#85
Di-n-octyl phthalate
Concen: 41.406 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1057530
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.3 8.7 13.1

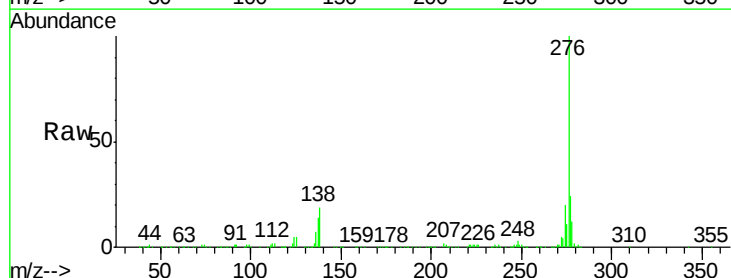


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

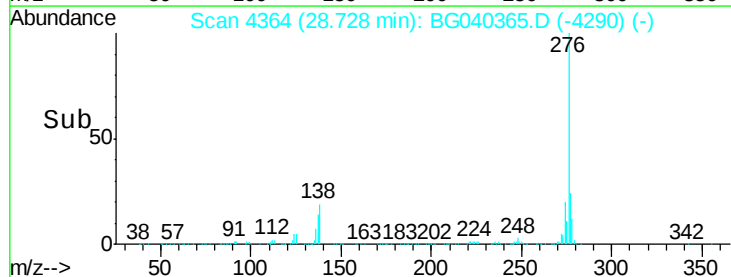
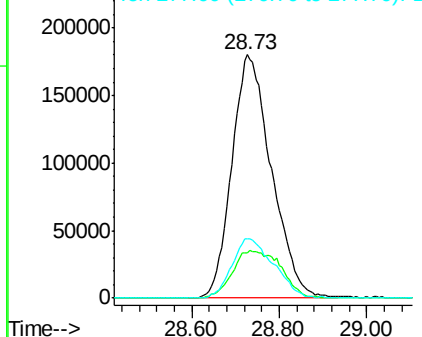


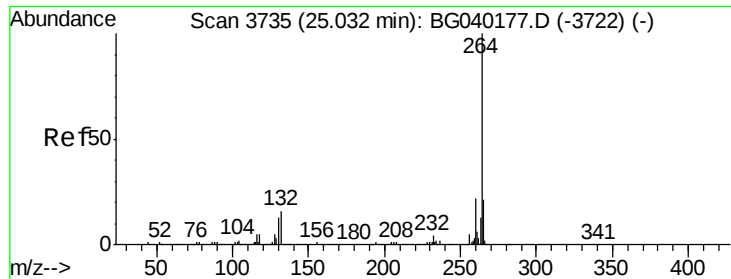
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.026 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.09 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:276 Resp: 1106940
Ion Ratio Lower Upper
276 100
138 24.0 18.8 28.2
277 25.8 21.0 31.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

Instrument :

BNA_G

ClientSampleId :

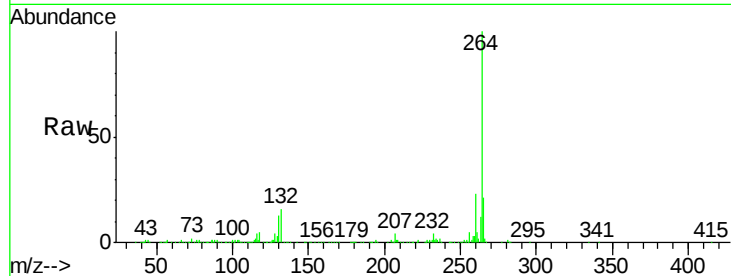
Tot Ion:264 Resp: 373530

Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

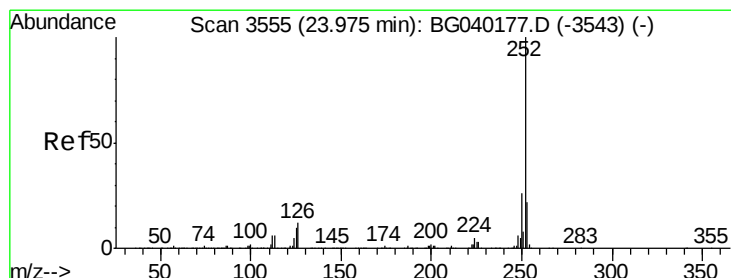
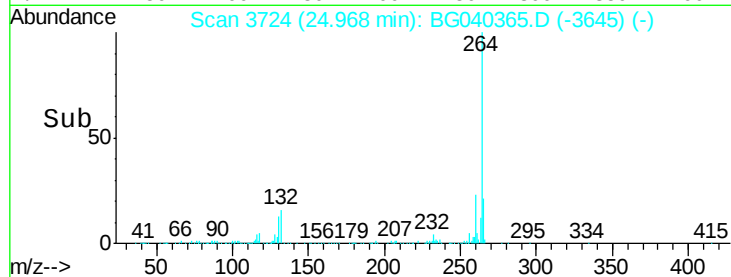
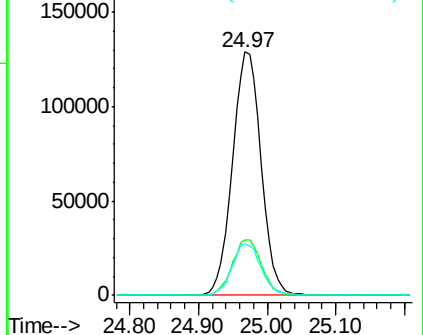
265 21.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.960 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040365.D

Acq: 4 Apr 2019 18:37

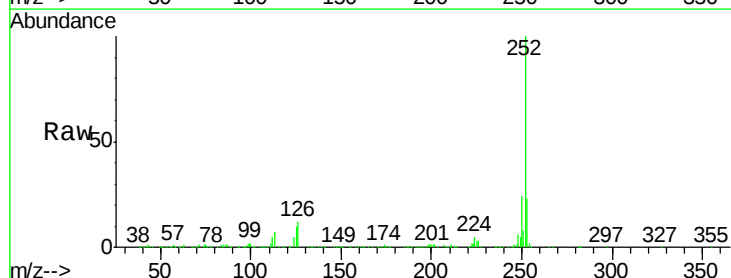
Tgt Ion:252 Resp: 982453

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

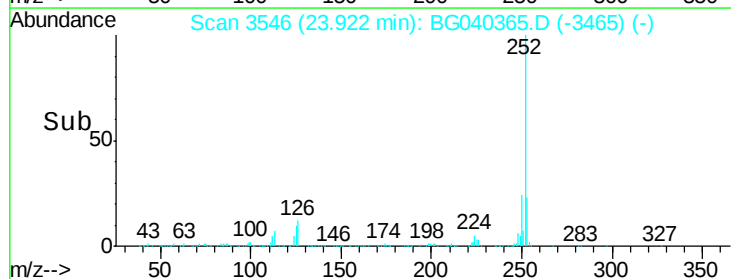
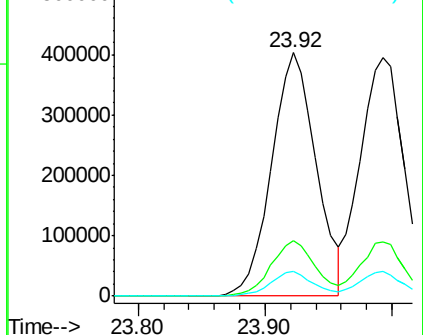
125 10.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

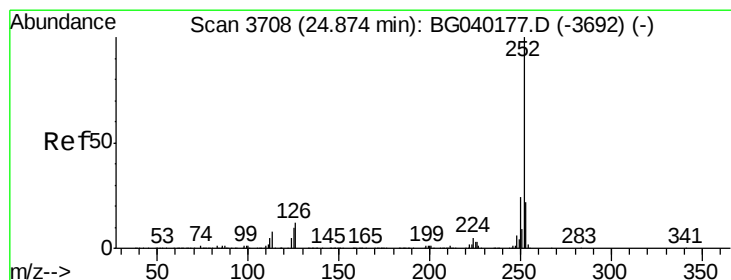
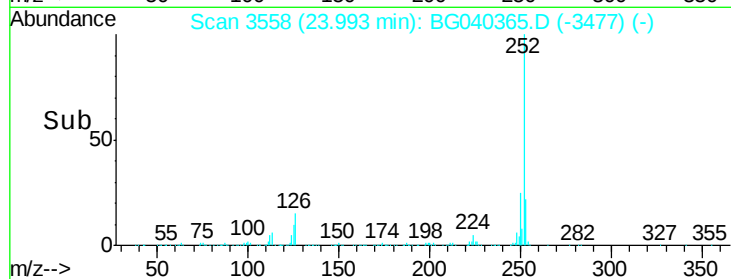
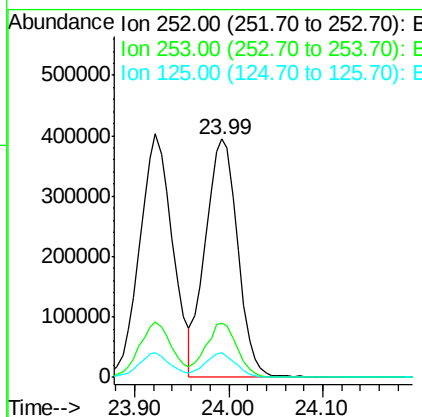
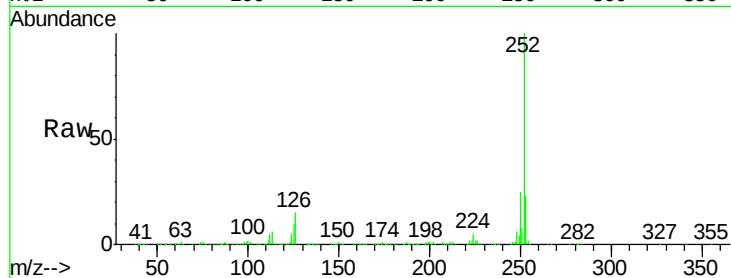




#89
Benzo(k)fluoranthene
Concen: 44.947 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

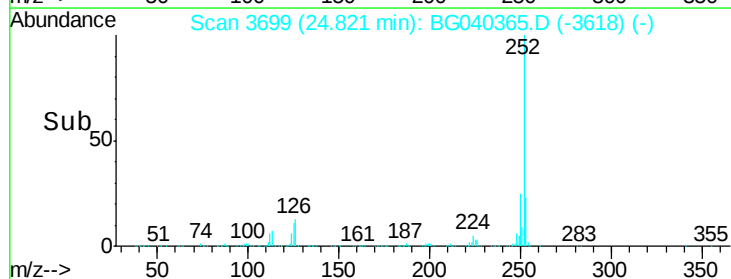
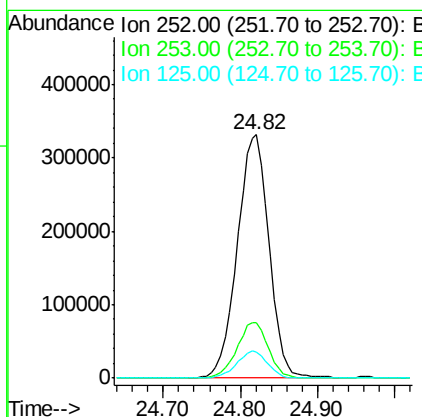
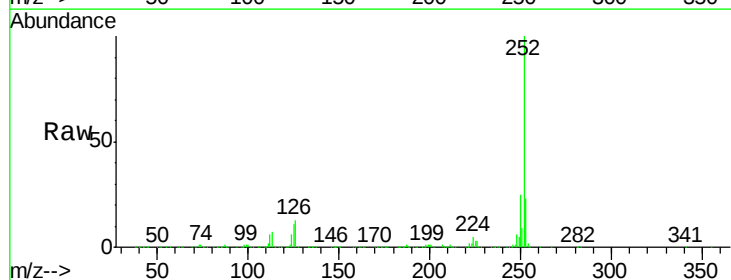
Instrument :
BNA_G
ClientSampled :

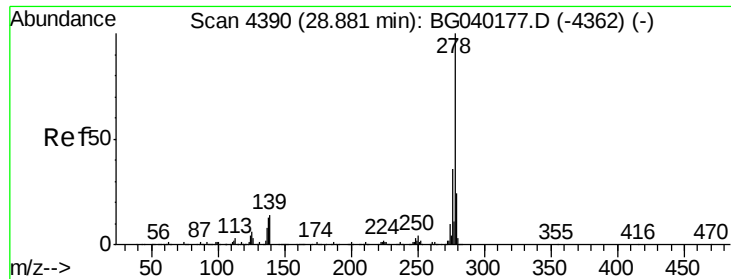
Tot Ion:252 Resp: 945255
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.559 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:252 Resp: 956103
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.7 8.3 12.5



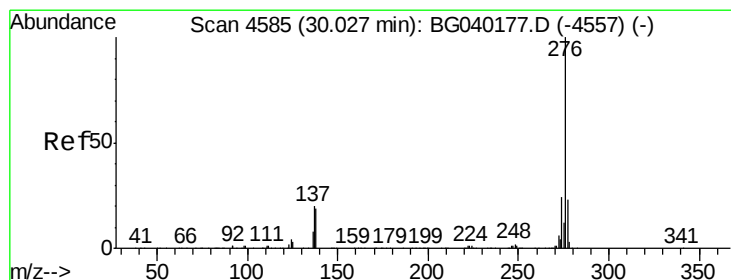
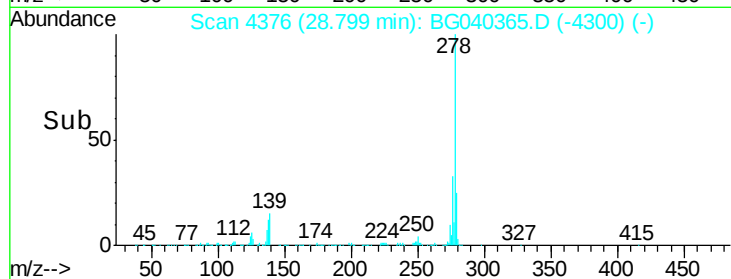
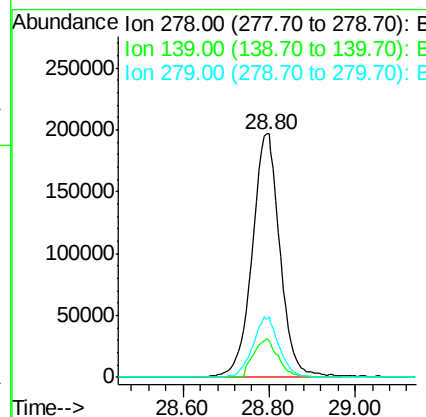
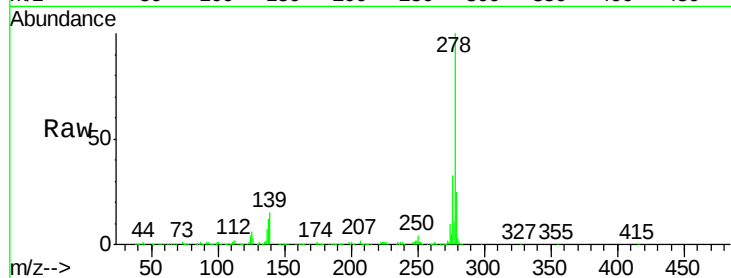


#91
Dibenzo(a,h)anthracene
Concen: 45.447 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.08 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 905680

Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.2	16.8
279	25.0	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 45.361 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040365.D
Acq: 4 Apr 2019 18:37

Tgt Ion:276 Resp: 929004

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	20.1	15.2	22.8

