

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040623.D
 Acq On : 26 Apr 2019 11:10
 Operator : JU/SJ
 Sample : PB119170BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 27 02:01:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40034	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	170218	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	120568	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	316744	20.00	ng	0.00
76) Chrysene-d12	21.83	240	387396	20.00	ng	0.00
87) Perylene-d12	25.21	264	353379	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	341447	150.34	ng	0.00
7) Phenol-d6	7.29	99	498791	142.64	ng	0.00
23) Nitrobenzene-d5	9.33	82	300867	81.67	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	228198	137.70	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	619256	74.18	ng	0.00
79) Terphenyl-d14	20.13	244	1365887	78.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	42591	41.236	ng	95
3) Pyridine	3.96	79	109483	36.571	ng	98
4) n-Nitrosodimethylamine	3.88	42	71703	43.181	ng	97
6) Aniline	7.47	93	148923	32.131	ng	97
8) 2-Chlorophenol	7.72	128	121427	43.787	ng	94
9) Benzaldehyde	7.29	77	43285	16.478	ng	91
10) Phenol	7.32	94	175057	46.571	ng	92
11) bis(2-Chloroethyl)ether	7.57	93	115844	41.098	ng	97
12) 1,3-Dichlorobenzene	8.04	146	123028	40.646	ng	98
13) 1,4-Dichlorobenzene	8.19	146	127001	41.391	ng	98
14) 1,2-Dichlorobenzene	8.51	146	119351	40.334	ng	95
15) Benzyl Alcohol	8.39	79	153190	42.103	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	228566	40.728	ng	99
17) 2-Methylphenol	8.58	107	120787	45.406	ng	97
18) Hexachloroethane	9.24	117	48584	38.599	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	116611	37.046	ng	98
20) 3+4-Methylphenols	8.91	107	164917	44.503	ng	97
22) Acetophenone	8.98	105	204380	43.179	ng	# 97
24) Nitrobenzene	9.38	77	180009	45.798	ng	97
25) Isophorone	9.89	82	332231	40.487	ng	99
26) 2-Nitrophenol	10.09	139	64624	45.868	ng	93
27) 2,4-Dimethylphenol	10.13	122	131104	49.595	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	168814	41.004	ng	99
29) 2,4-Dichlorophenol	10.62	162	137008	45.589	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	140029	42.016	ng	98
31) Naphthalene	11.03	128	378322	41.835	ng	99
32) Benzoic acid	10.25	122	89894	49.674	ng	92
33) 4-Chloroaniline	11.14	127	100214	24.994	ng	97
34) Hexachlorobutadiene	11.30	225	100717	40.935	ng	98
35) Caprolactam	11.92	113	30638	25.822	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	166800	43.996	ng	97
37) 2-Methylnaphthalene	12.63	142	288535	42.674	ng	98
38) 1-Methylnaphthalene	12.84	142	272368	41.213	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	187892	41.833	ng	99

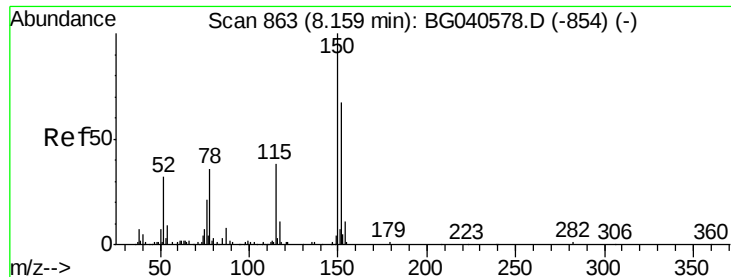
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	241117	90.976	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	126438	46.583	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	135456	45.813	ng	95
46) 1,1'-Biphenyl	13.63	154	385349	41.165	ng	96
47) 2-Chloronaphthalene	13.67	162	302772	41.329	ng	99
48) 2-Nitroaniline	13.87	65	133772	51.298	ng	94
49) Acenaphthylene	14.51	152	506111	40.720	ng	100
50) Dimethylphthalate	14.24	163	429662	42.593	ng	99
51) 2,6-Dinitrotoluene	14.36	165	94336	47.915	ng	98
52) Acenaphthene	14.85	154	295456	40.819	ng	96
53) 3-Nitroaniline	14.69	138	67884	33.651	ng	97
54) 2,4-Dinitrophenol	14.89	184	103482	92.037	ng	# 83
55) Dibenzofuran	15.18	168	498127	42.016	ng	97
56) 4-Nitrophenol	14.98	139	167671	95.856	ng	96
57) 2,4-Dinitrotoluene	15.14	165	132021	49.348	ng	93
58) Fluorene	15.84	166	398994	41.638	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	143178	48.111	ng	# 98
60) Diethylphthalate	15.59	149	460840	43.298	ng	100
61) 4-Chlorophenyl-phenylether	15.82	204	234669	42.106	ng	97
62) 4-Nitroaniline	15.86	138	107029	47.430	ng	96
63) Azobenzene	16.11	77	467038	42.609	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72730	46.808	ng	97
66) n-Nitrosodiphenylamine	16.03	169	379182	40.689	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	153755	38.963	ng	98
68) Hexachlorobenzene	16.82	284	160977	39.451	ng	97
69) Atrazine	16.97	200	169171	45.819	ng	99
70) Pentachlorophenol	17.17	266	221212	92.646	ng	95
71) Phenanthrene	17.57	178	721270	42.277	ng	99
72) Anthracene	17.67	178	745179	43.454	ng	100
73) Carbazole	17.93	167	693156	44.365	ng	100
74) Di-n-butylphthalate	18.48	149	862202	45.721	ng	99
75) Fluoranthene	19.58	202	1009818	47.498	ng	100
77) Benzidine	19.75	184	367510	34.648	ng	99
78) Pyrene	19.94	202	1011605	41.664	ng	99
80) Butylbenzylphthalate	20.82	149	411188	43.451	ng	98
81) Benzo(a)anthracene	21.80	228	977677	39.932	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	251987	28.876	ng	97
83) Chrysene	21.87	228	960717	41.259	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	553797	40.540	ng	98
85) Di-n-octyl phthalate	22.96	149	950751	41.326	ng	99
86) Indeno(1,2,3-cd)pyrene	29.10	276	1137742	40.414	ng	# 91
88) Benzo(b)fluoranthene	24.13	252	982382	45.492	ng	99
89) Benzo(k)fluoranthene	24.20	252	949108	47.062	ng	99
90) Benzo(a)pyrene	25.05	252	961244	47.025	ng	97
91) Dibenzo(a,h)anthracene	29.18	278	936624	45.279	ng	96
92) Benzo(g,h,i)perylene	30.34	276	932635	45.302	ng	99

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

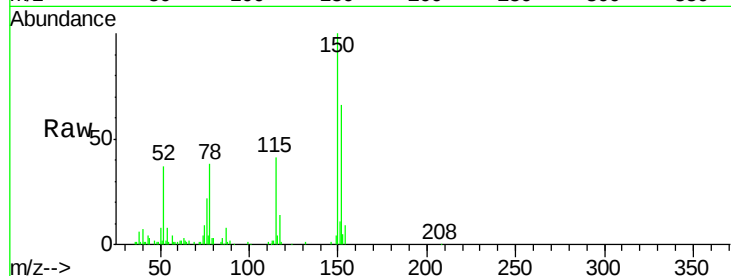


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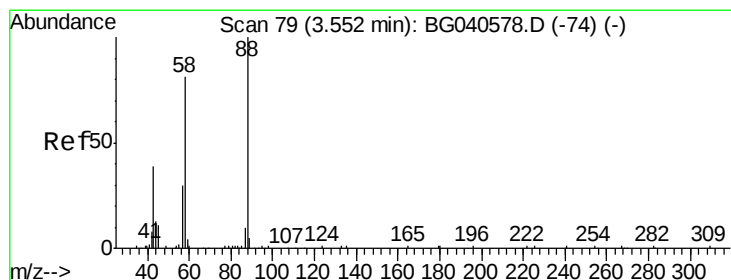
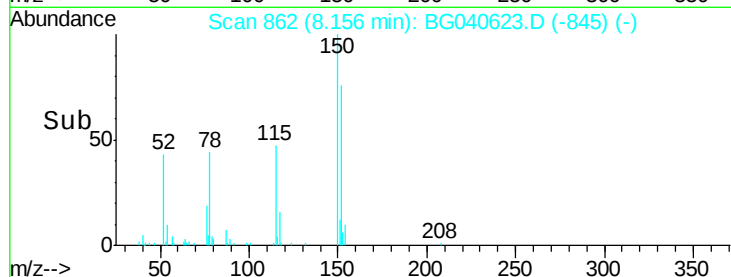
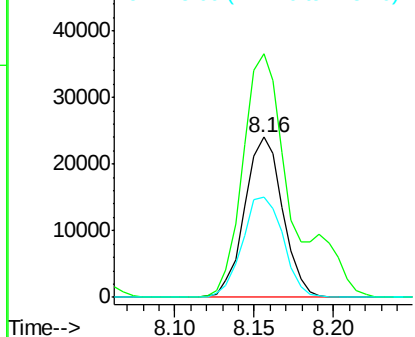
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	120.2	180.2
115	62.9	46.2	69.2



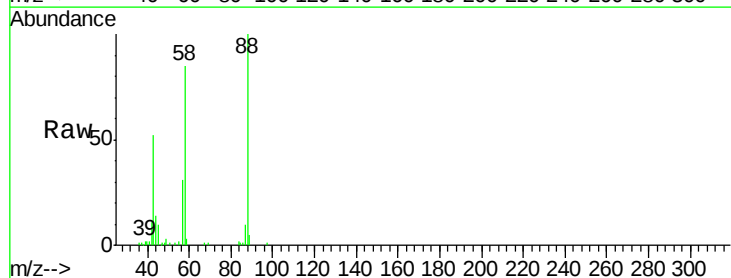
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



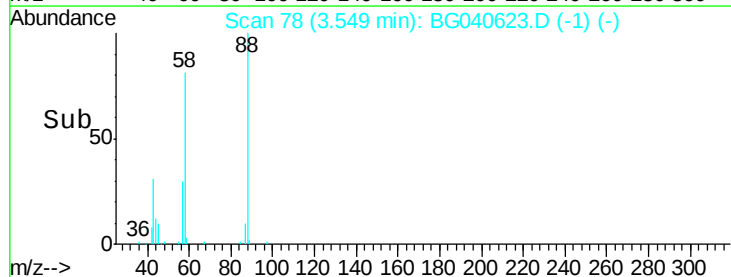
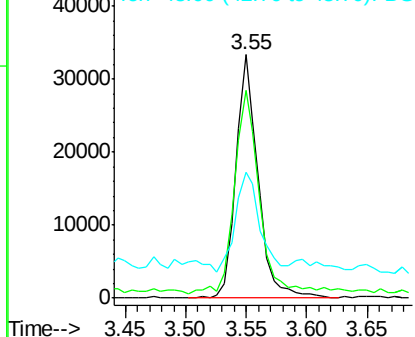
#2

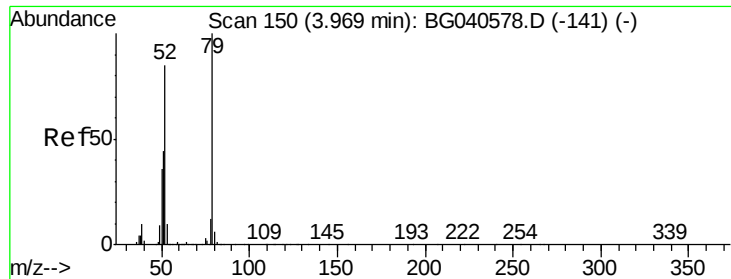
1,4-Dioxane
Concen: 41.236 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	71.2	106.8
43	44.5	35.6	53.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.571 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

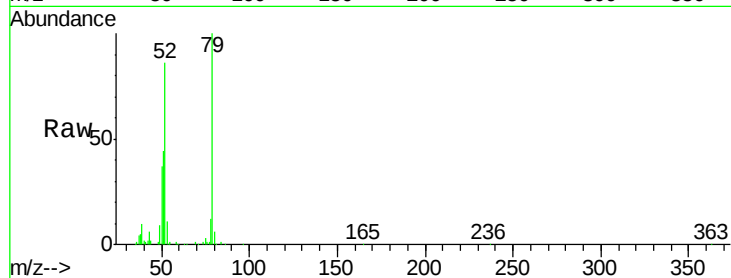
Tot Ion: 79 Resp: 109483

Ion Ratio Lower Upper

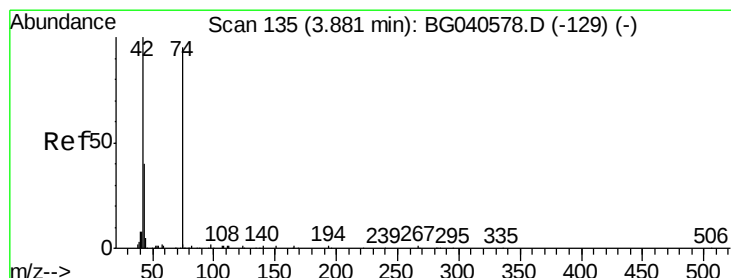
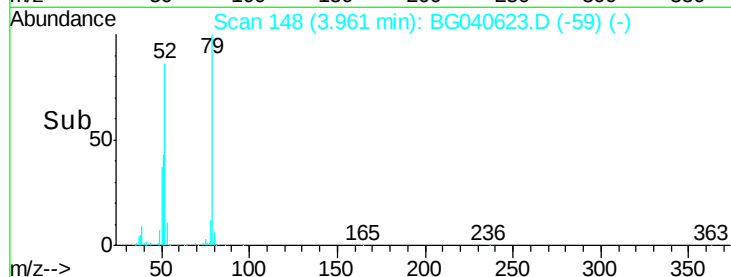
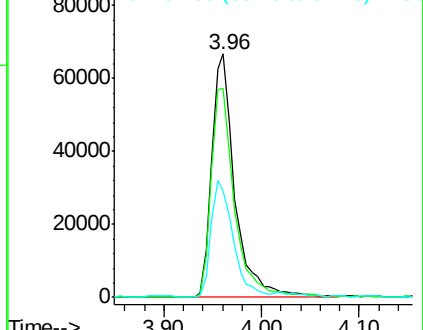
79 100

52 86.0 67.5 101.3

51 43.8 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 43.181 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

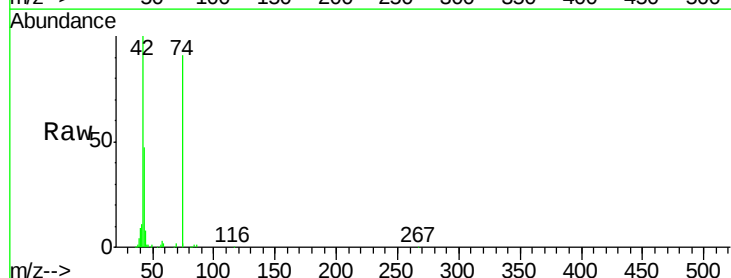
Tgt Ion: 42 Resp: 71703

Ion Ratio Lower Upper

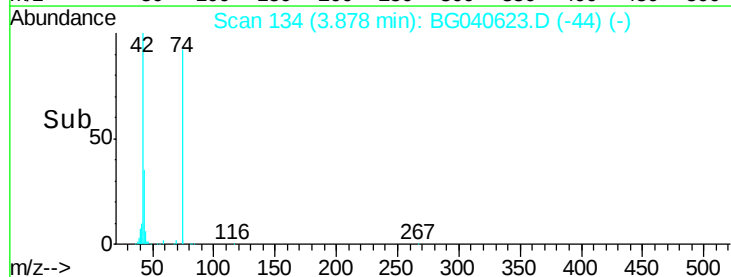
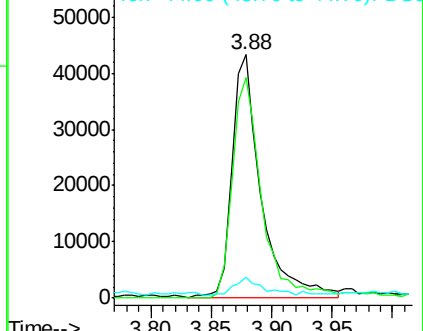
42 100

74 90.7 74.6 111.8

44 8.4 7.4 11.0



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





#5

2-Fluorophenol

Concen: 150.345 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

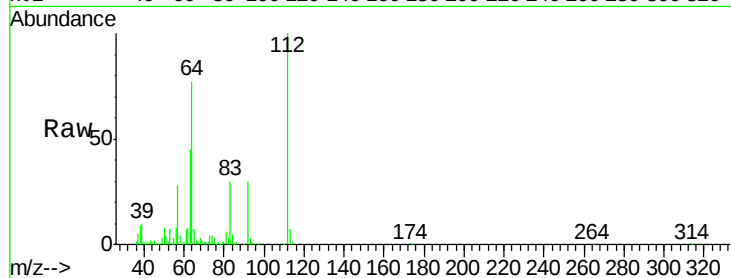
Tot Ion:112 Resp: 341447

Ion Ratio Lower Upper

112 100

64 77.4 61.4 92.0

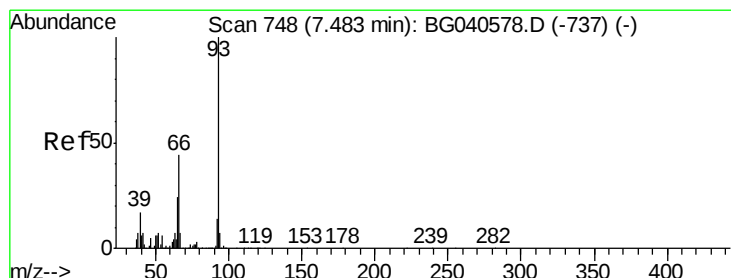
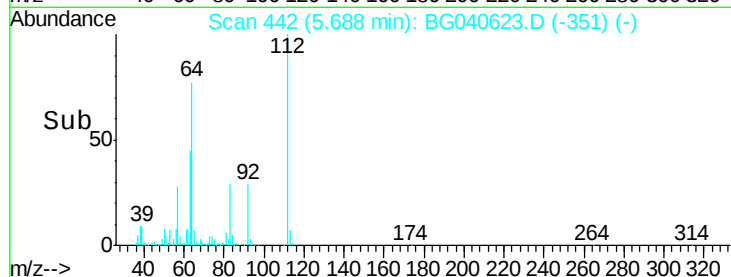
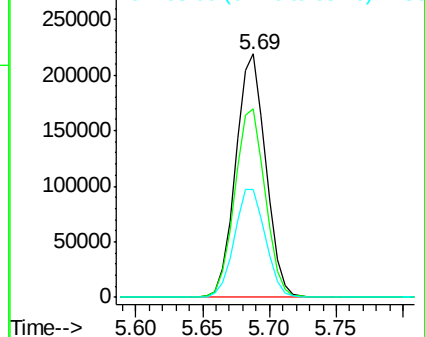
63 44.6 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.131 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

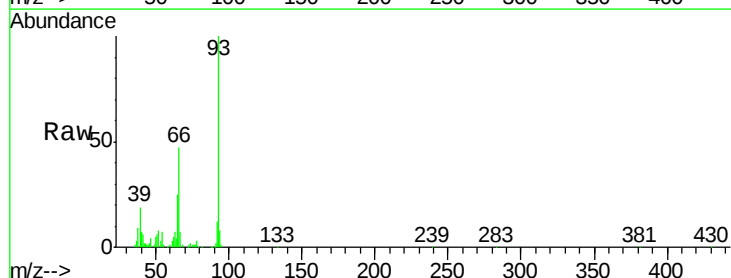
Tgt Ion: 93 Resp: 148923

Ion Ratio Lower Upper

93 100

66 46.8 35.5 53.3

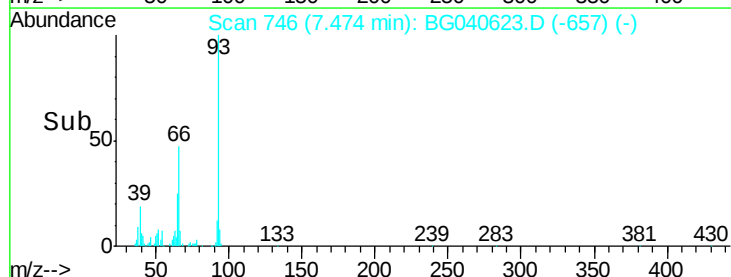
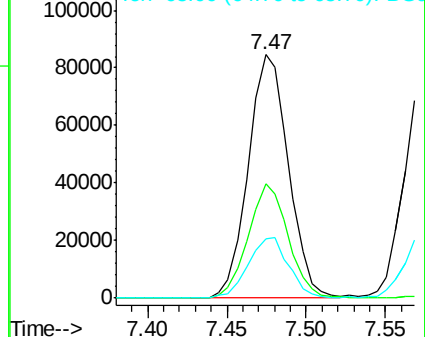
65 24.6 19.2 28.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 142.641 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

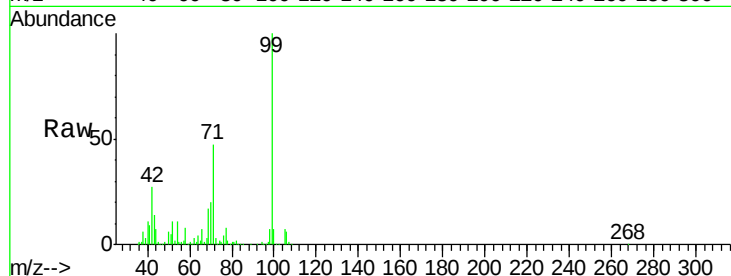
Tot Ion: 99 Resp: 498791

Ion Ratio Lower Upper

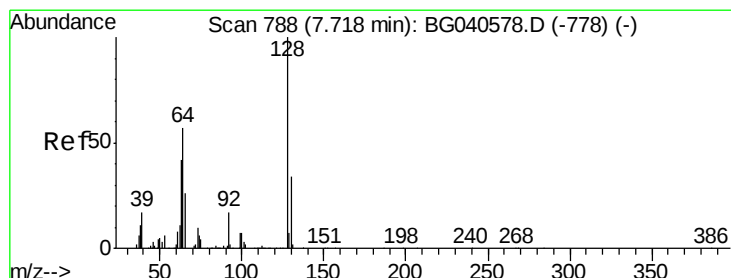
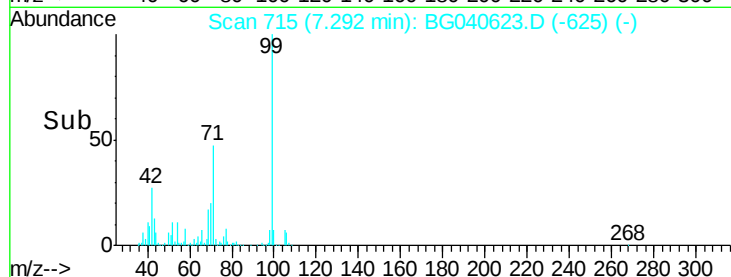
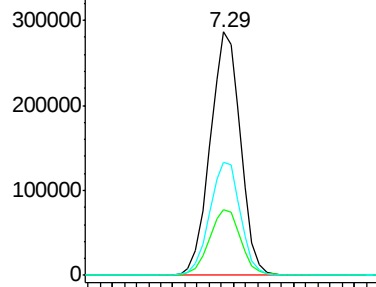
99 100

42 27.2 21.8 32.8

71 46.6 38.6 57.8



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



#8

2-Chlorophenol

Concen: 43.787 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

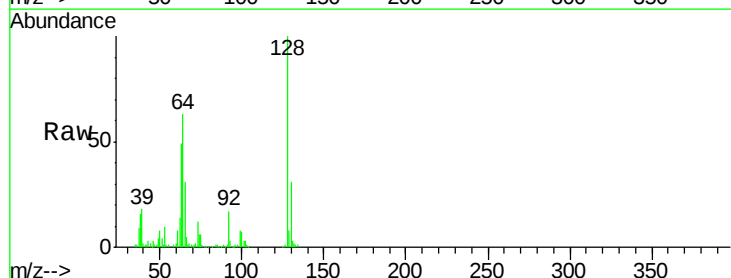
Tgt Ion: 128 Resp: 121427

Ion Ratio Lower Upper

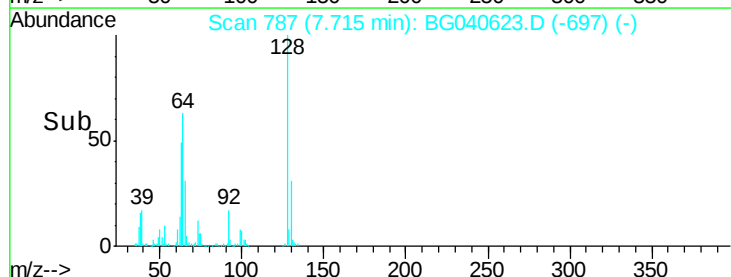
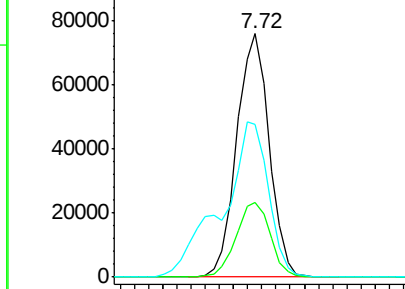
128 100

130 30.8 14.5 54.5

64 62.7 38.4 78.4



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





#9

Benzaldehyde

Concen: 16.478 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

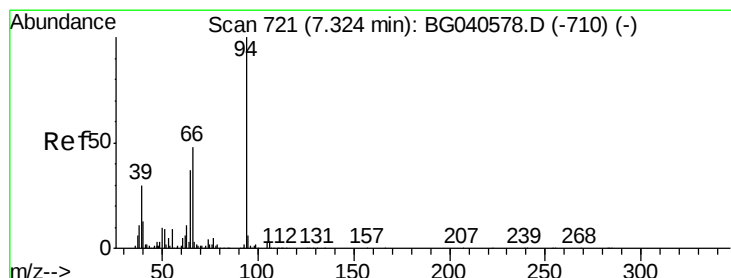
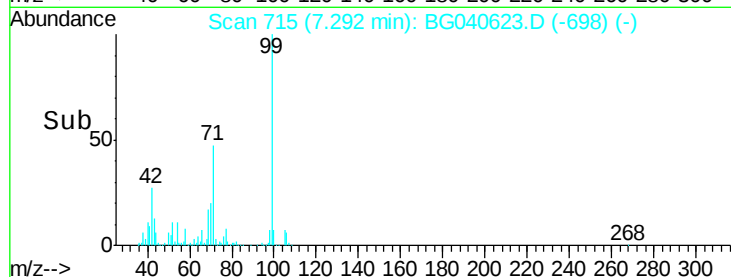
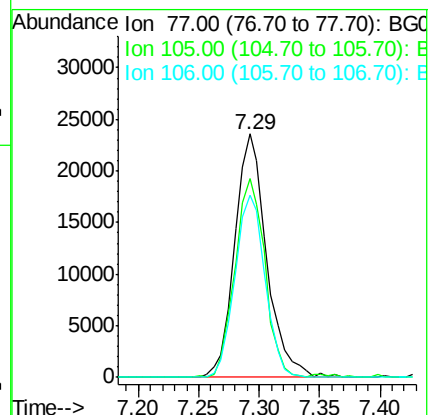
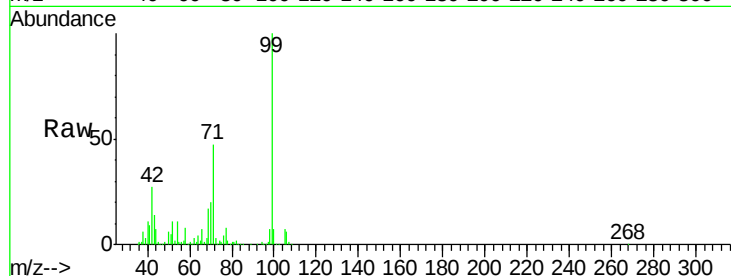
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 43285

Ion	Ratio	Lower	Upper
77	100		
105	81.5	72.0	112.0
106	74.7	61.2	101.2



#10

Phenol

Concen: 46.571 ng

RT: 7.32 min Scan# 720

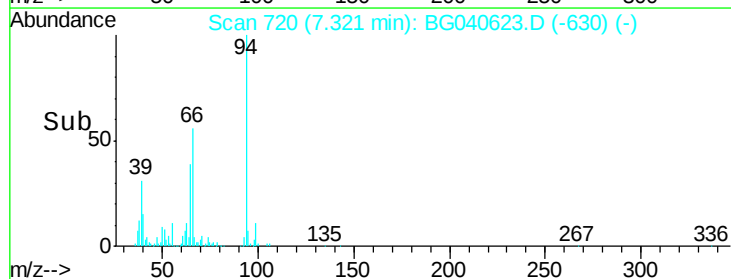
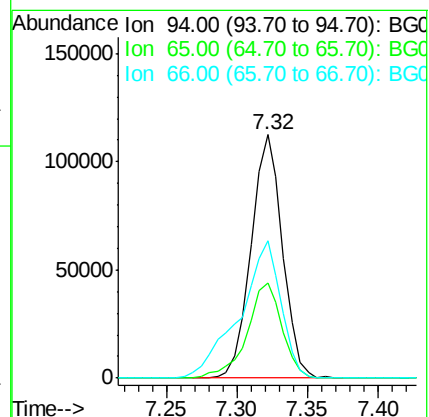
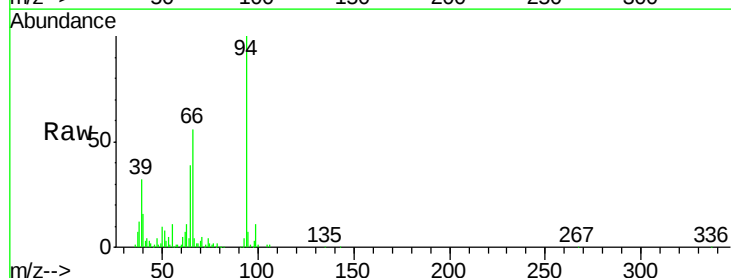
Delta R.T. -0.00 min

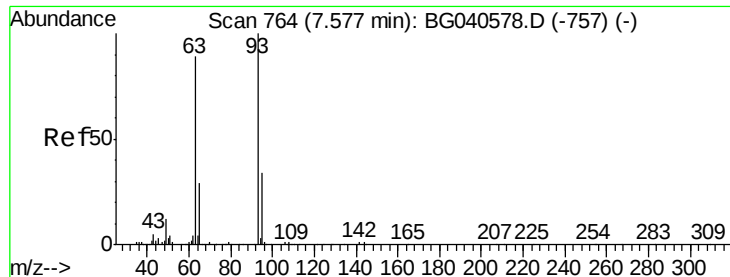
Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion: 94 Resp: 175057

Ion	Ratio	Lower	Upper
94	100		
65	38.8	17.0	57.0
66	56.5	28.6	68.6





#11

bis(2-Chloroethyl)ether

Concen: 41.098 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

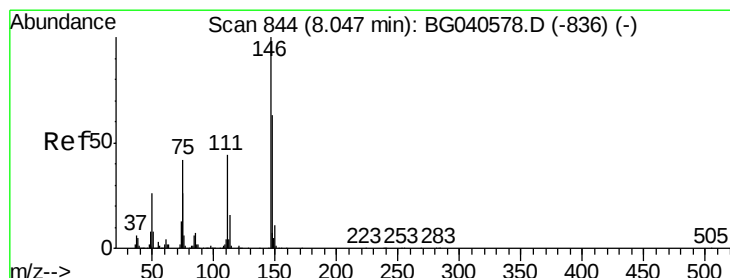
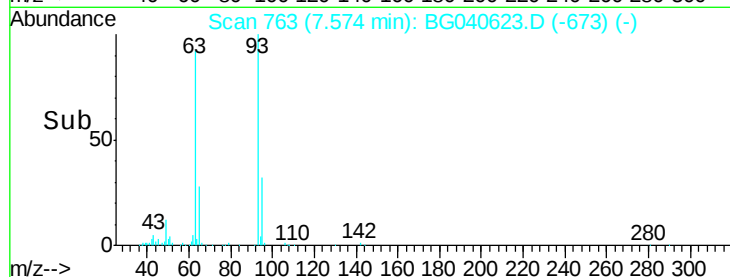
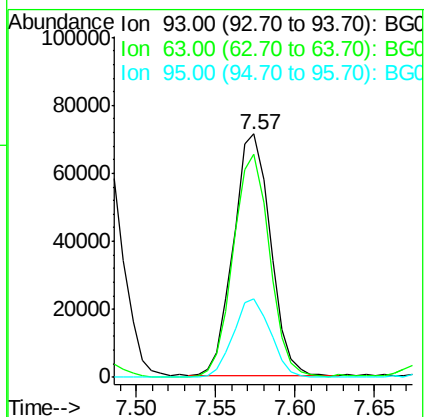
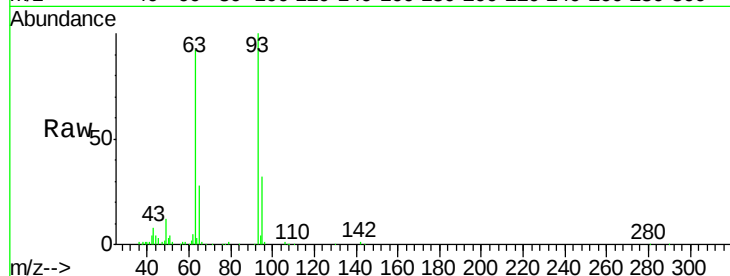
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 93 Resp: 115844

Ion	Ratio	Lower	Upper
93	100		
63	91.5	68.2	108.2
95	32.4	14.3	54.3



#12

1,3-Dichlorobenzene

Concen: 40.646 ng

RT: 8.04 min Scan# 843

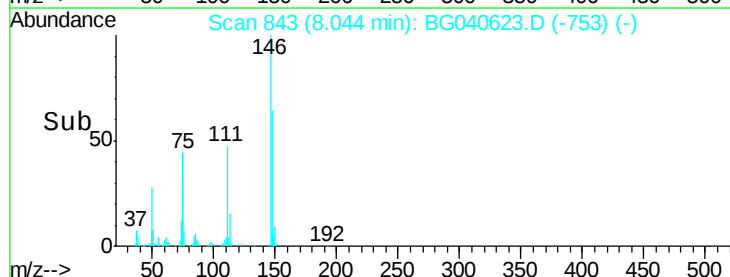
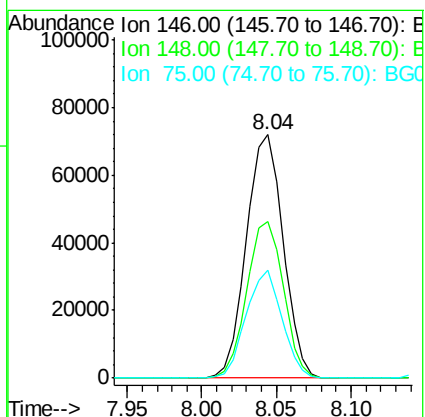
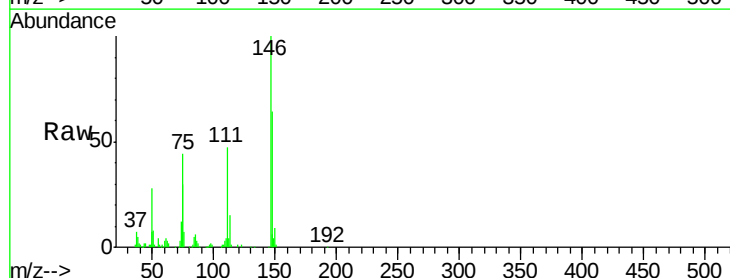
Delta R.T. -0.00 min

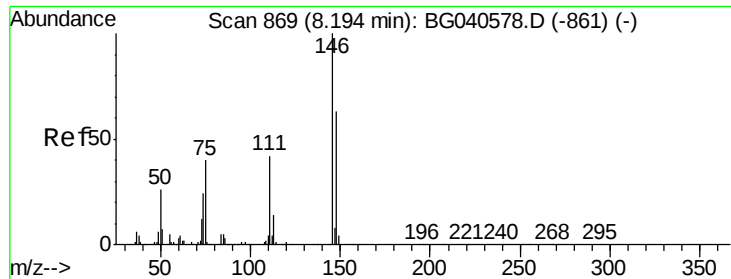
Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion: 146 Resp: 123028

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
75	44.2	33.4	50.2

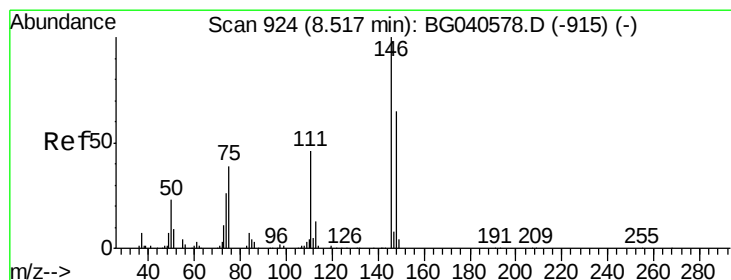
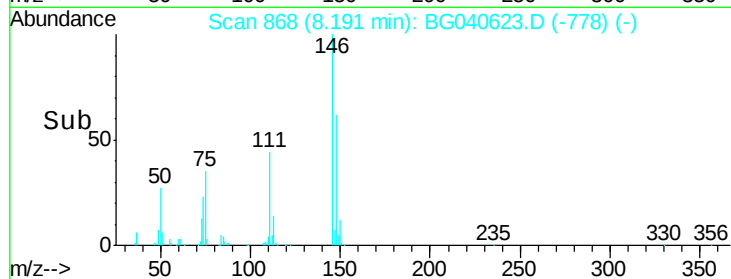
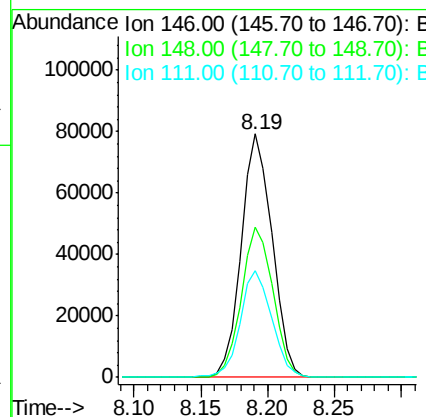
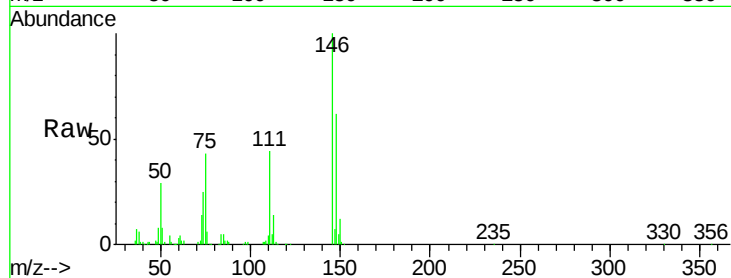




#13
 1,4-Dichlorobenzene
 Concen: 41.391 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

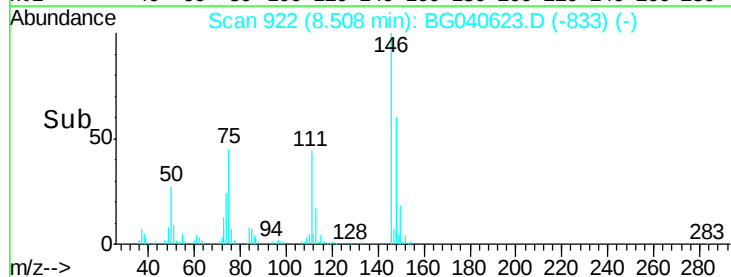
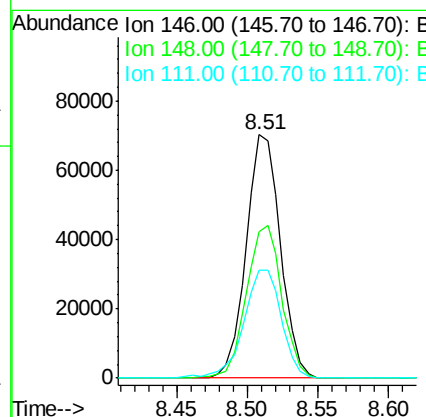
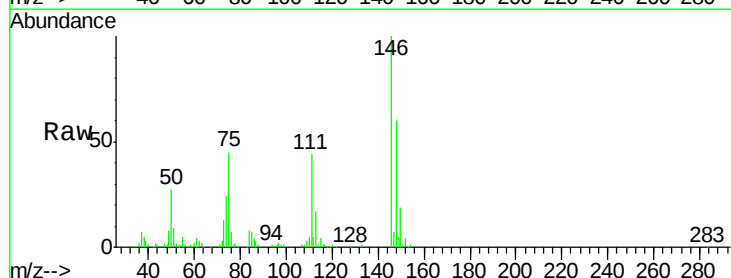
Instrument :
 BNA_G
 ClientSampled :

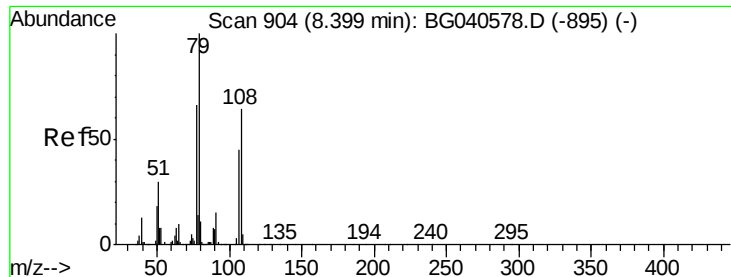
Tot Ion:146 Resp: 127001
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.6 75.8
 111 43.6 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 40.334 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

Tgt Ion:146 Resp: 119351
 Ion Ratio Lower Upper
 146 100
 148 59.9 52.2 78.4
 111 44.4 37.4 56.0





#15

Benzyl Alcohol

Concen: 42.103 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

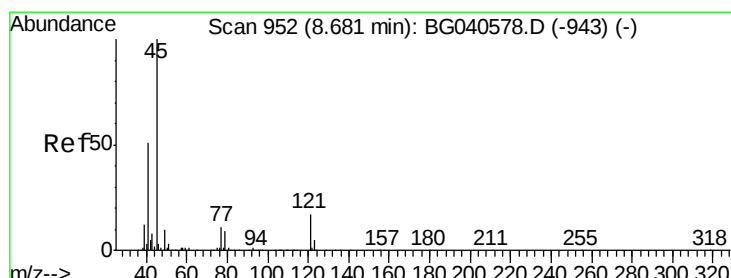
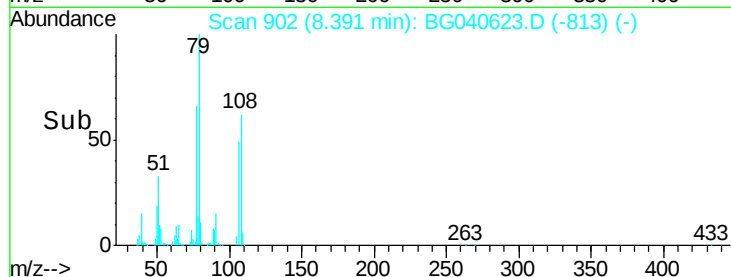
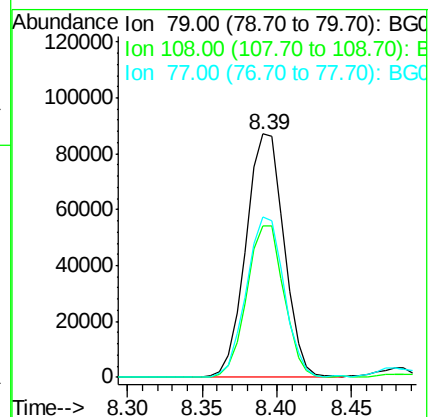
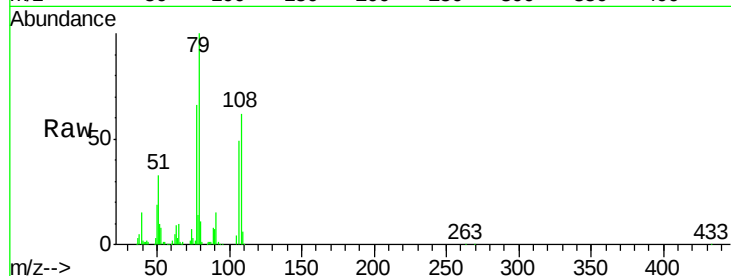
Tot Ion: 79 Resp: 153190

Ion Ratio Lower Upper

79 100

108 62.2 51.4 77.0

77 66.1 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.728 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

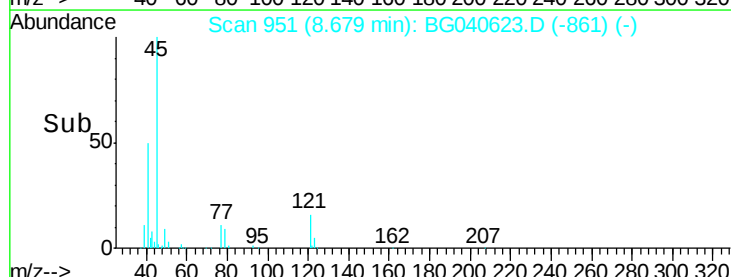
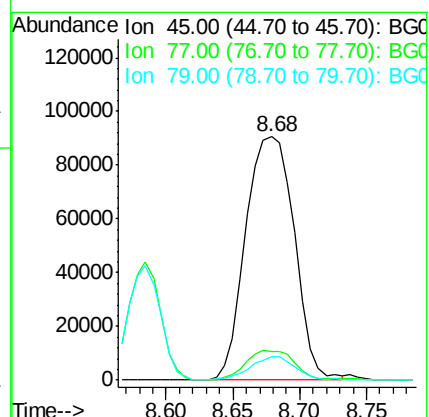
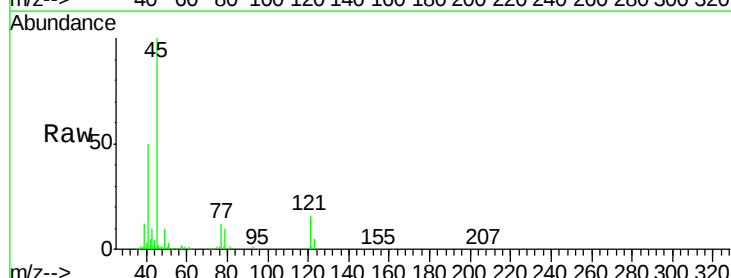
Tgt Ion: 45 Resp: 228566

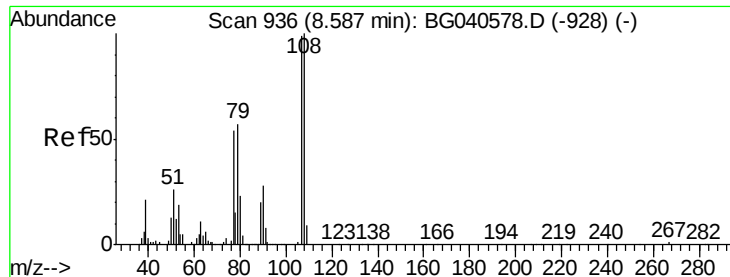
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.5

79 9.8 0.0 29.4

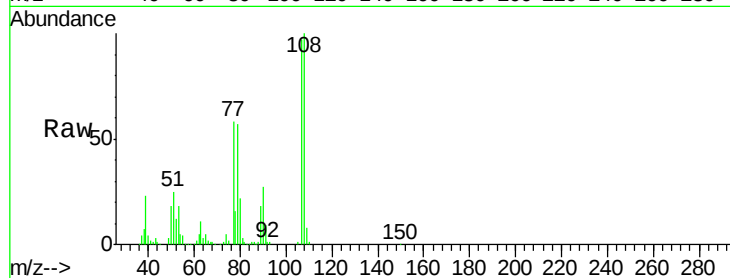




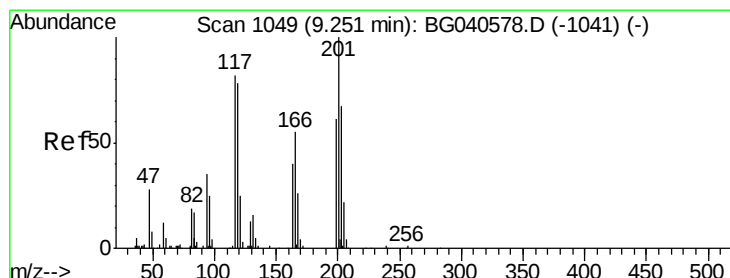
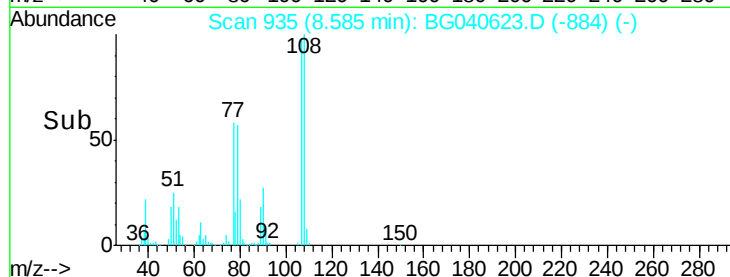
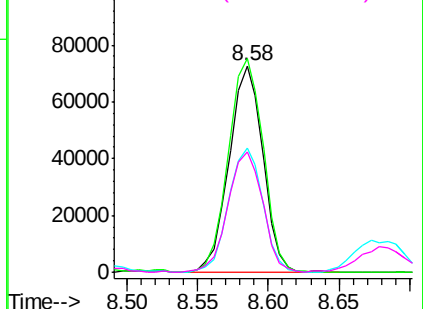
#17
2-Methylphenol
Concen: 45.406 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	120787
Ion	Ratio	Lower	Upper
107	100		
108	103.5	81.2	121.8
77	60.3	44.4	66.6
79	58.5	47.0	70.4

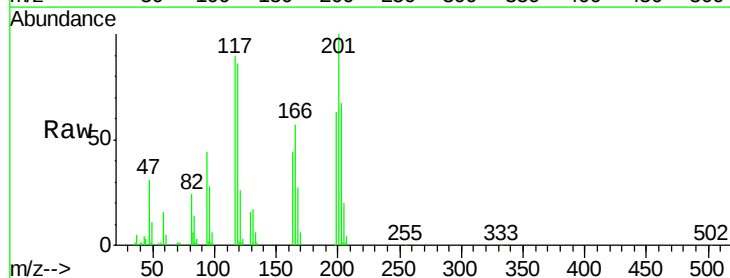


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

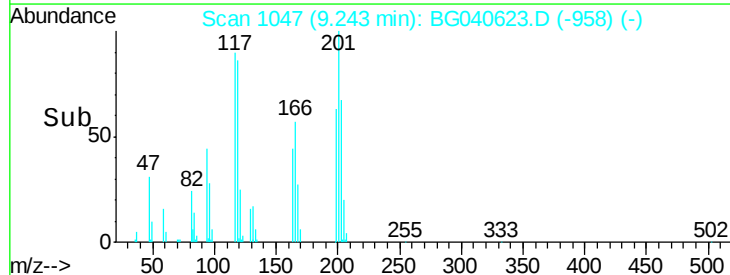
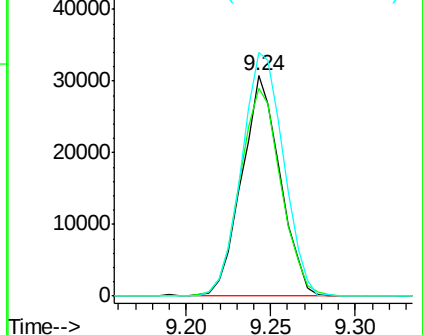


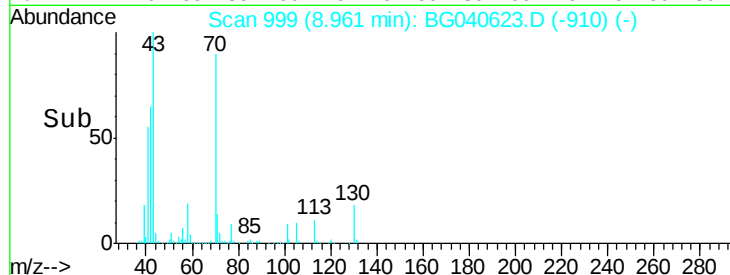
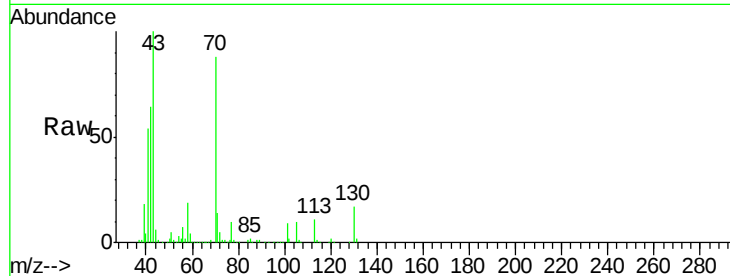
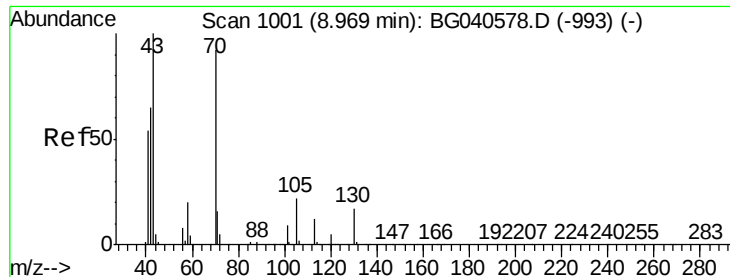
#18
Hexachloroethane
Concen: 38.599 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion:	117	Resp:	48584
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	114.8
201	110.7	101.0	151.6



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

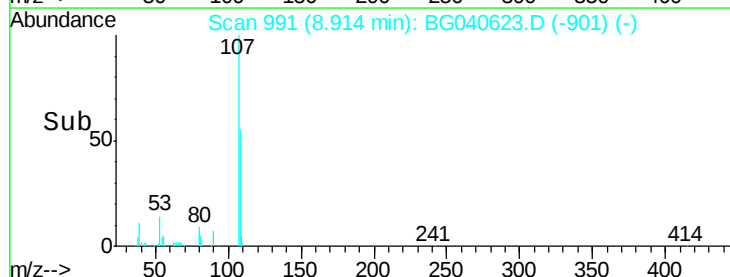
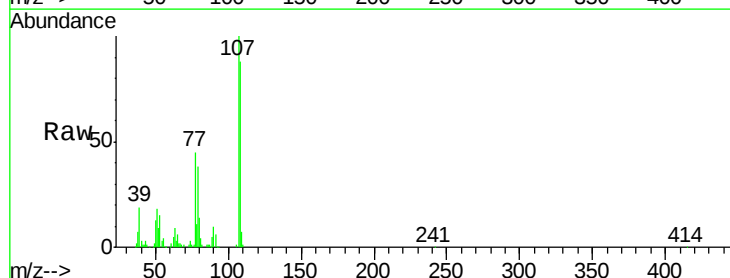
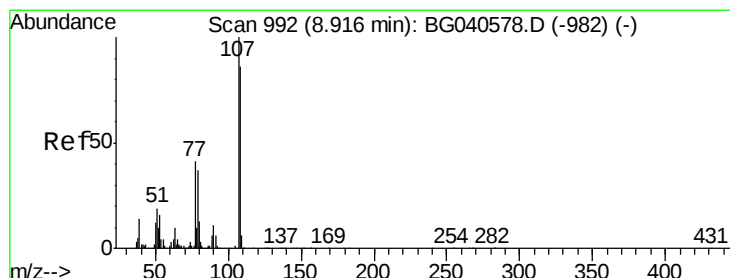
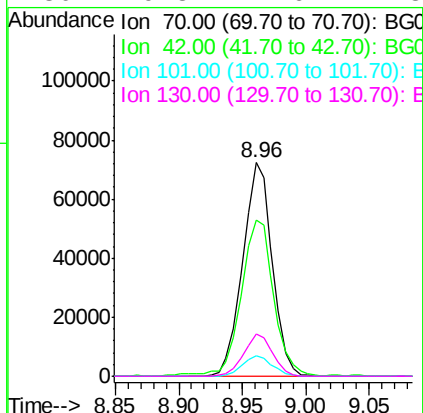




#19
n-Nitroso-di-n-propylamine
Concen: 37.046 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

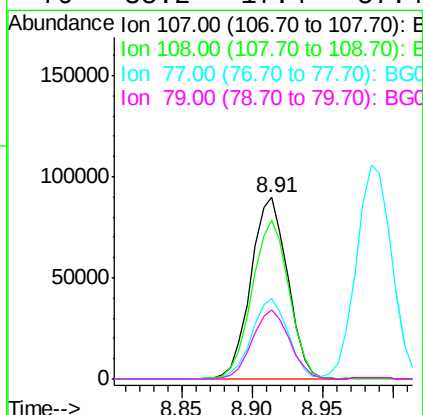
Instrument :
BNA_G
ClientSampleId :

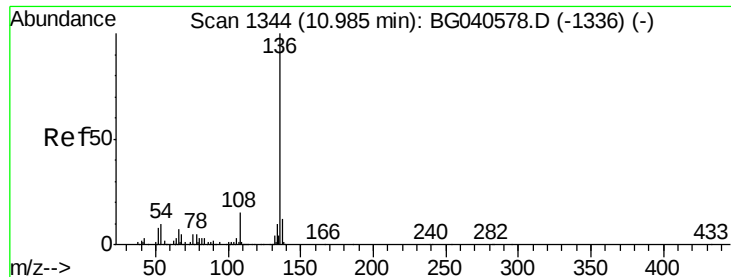
Tot Ion:	70	Resp:	116611
Ion	Ratio	Lower	Upper
70	100		
42	72.9	57.1	85.7
101	9.8	7.8	11.8
130	19.8	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.503 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion:	107	Resp:	164917
Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.1	106.1
77	44.7	21.6	61.6
79	38.2	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 170218

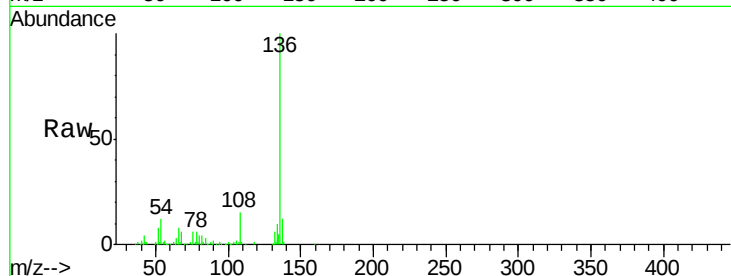
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 11.7 8.6 12.8

68 5.8 4.8 7.2

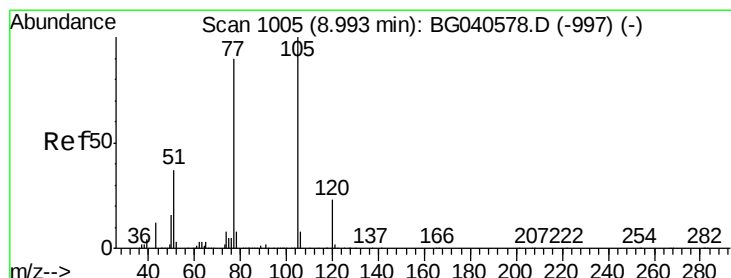
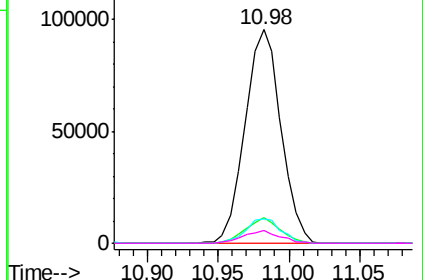
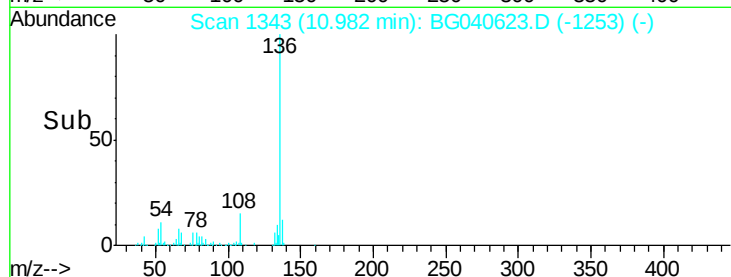


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.179 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion:105 Resp: 204380

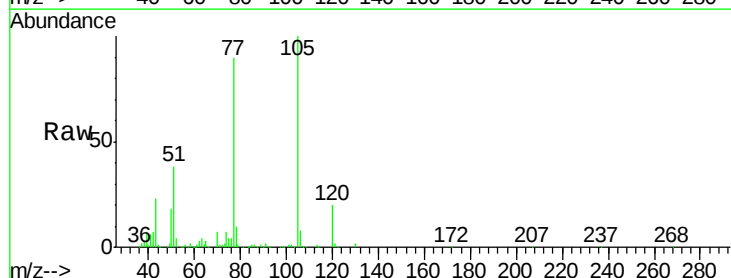
Ion Ratio Lower Upper

105 100

71 1.4 1.8 2.8#

51 38.2 29.8 44.8

120 19.8 18.4 27.6

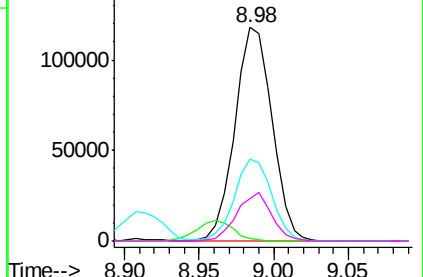
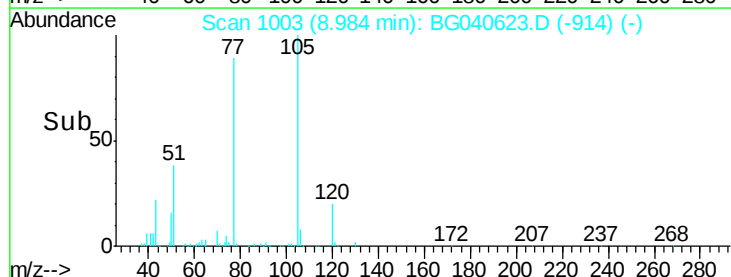


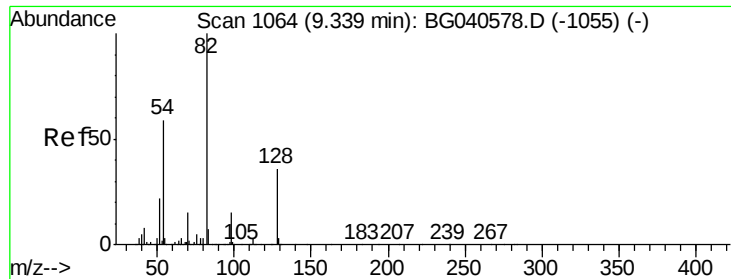
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

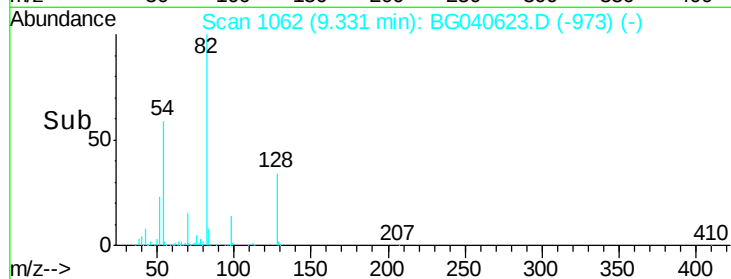
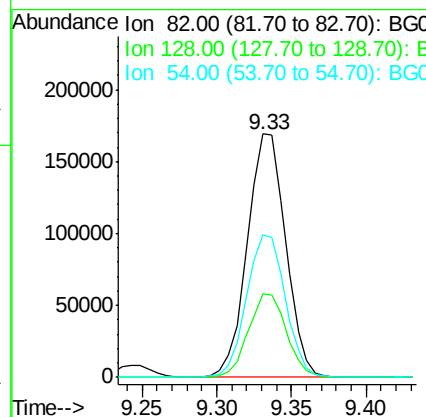
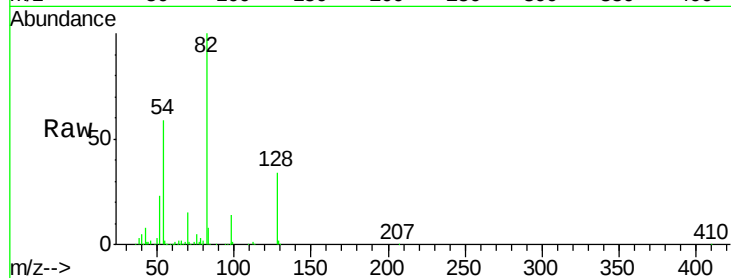




#23
Nitrobenzene-d5
Concen: 81.671 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

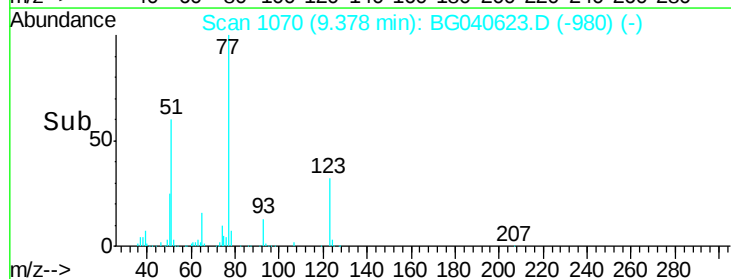
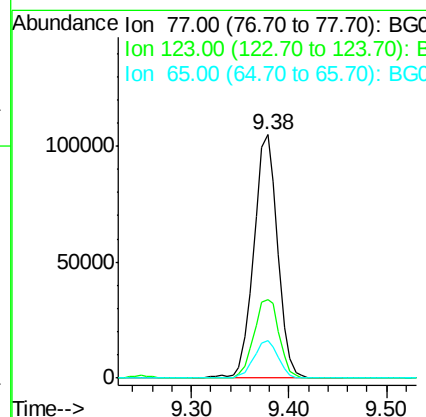
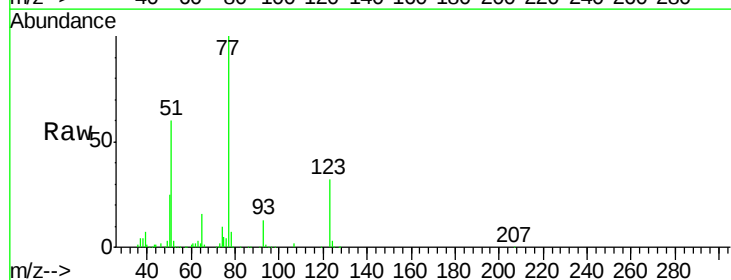
Instrument :
BNA_G
ClientSampleId :

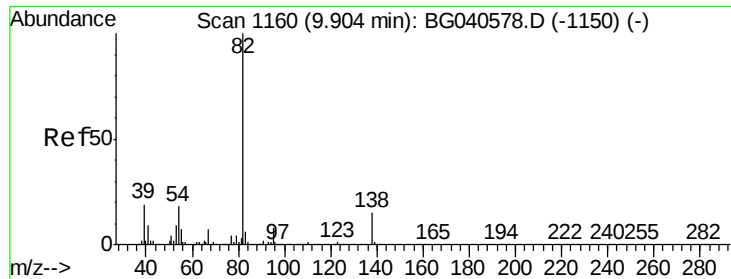
Tot Ion	82	Resp	300867
Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.9	43.3
54	58.7	47.2	70.8



#24
Nitrobenzene
Concen: 45.798 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion	77	Resp	180009
Ion	Ratio	Lower	Upper
77	100		
123	32.4	27.8	41.6
65	15.6	12.4	18.6





#25

Isophorone

Concen: 40.487 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

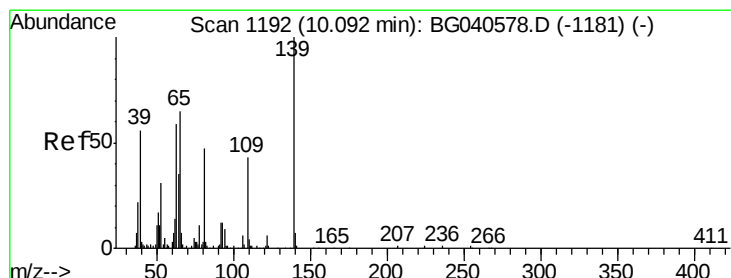
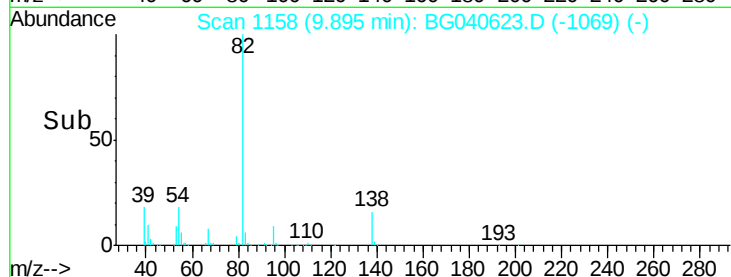
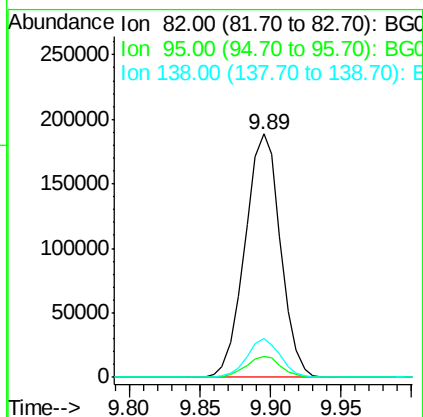
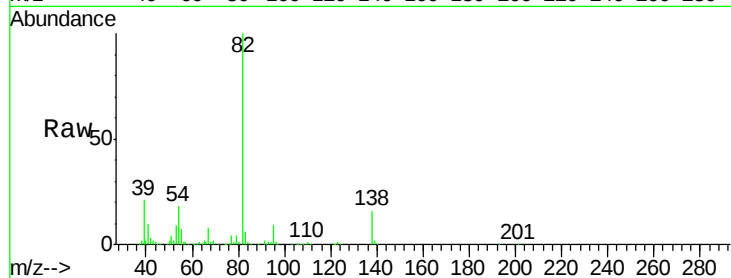
Tot Ion: 82 Resp: 332231

Ion Ratio Lower Upper

82 100

95 8.6 6.9 10.3

138 16.1 12.3 18.5



#26

2-Nitrophenol

Concen: 45.868 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

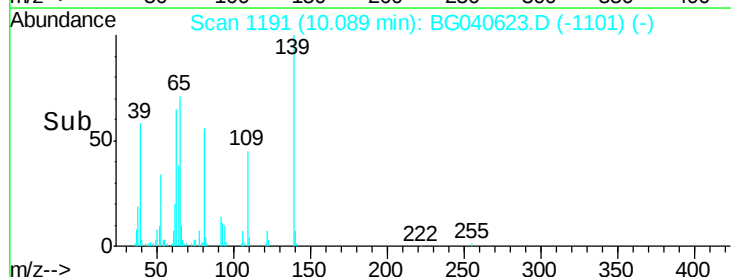
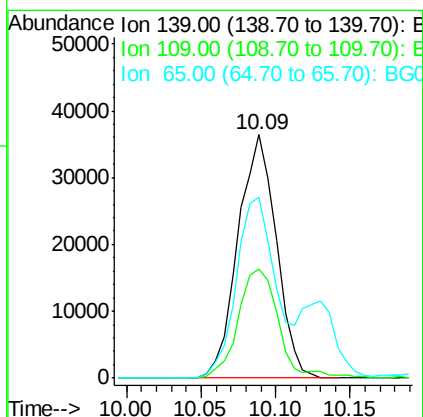
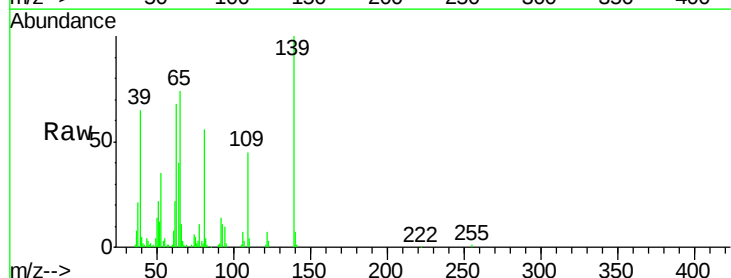
Tgt Ion: 139 Resp: 64624

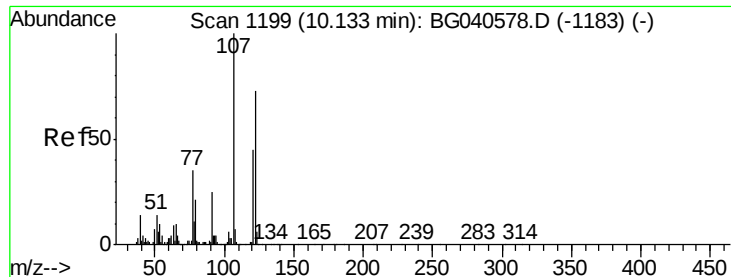
Ion Ratio Lower Upper

139 100

109 44.8 35.6 53.4

65 74.2 52.3 78.5

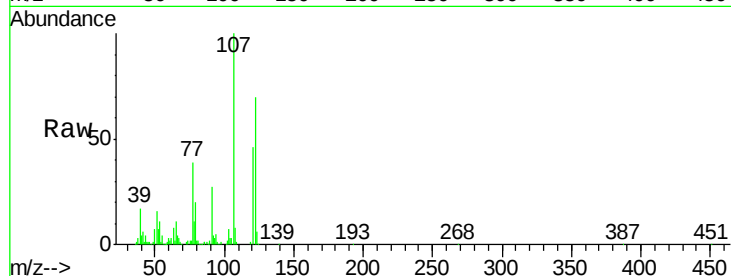




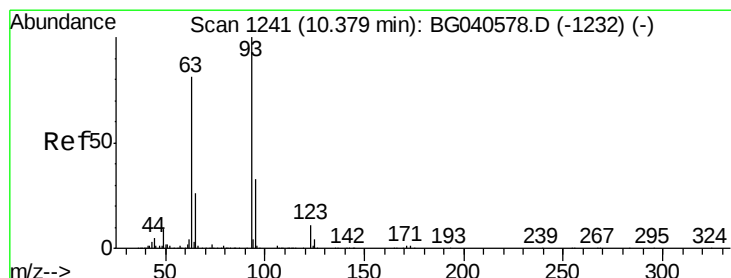
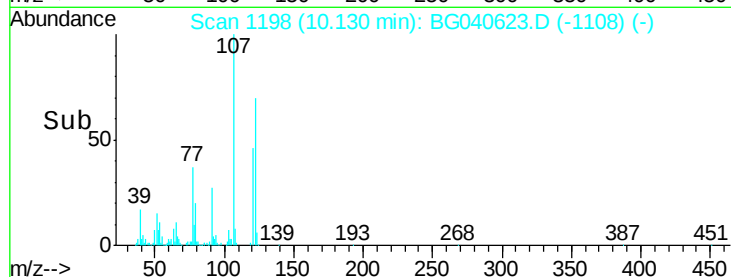
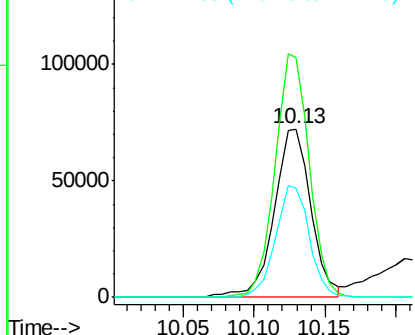
#27
2,4-Dimethylphenol
Concen: 49.595 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 131104
Ion Ratio Lower Upper
122 100
107 142.5 110.1 165.1
121 65.0 49.4 74.0

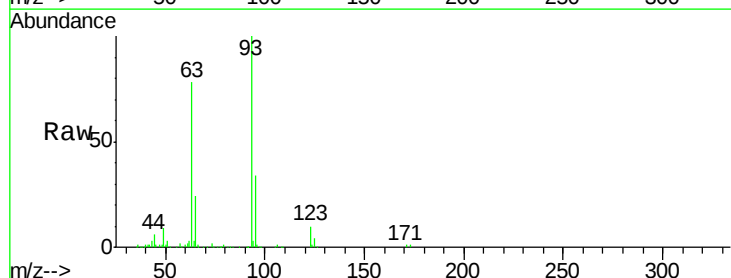


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

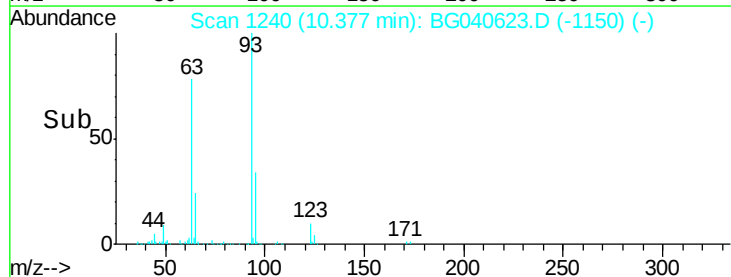
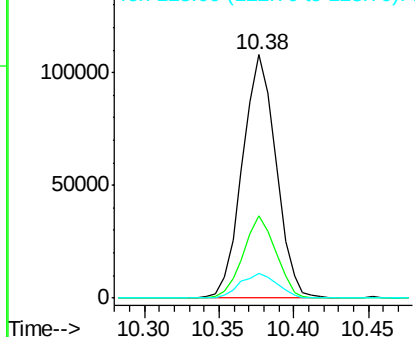


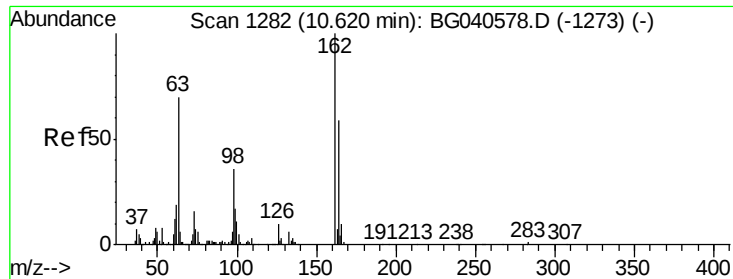
#28
bis(2-Chloroethoxy)methane
Concen: 41.004 ng
RT: 10.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion: 93 Resp: 168814
Ion Ratio Lower Upper
93 100
95 33.8 26.6 40.0
123 10.0 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.589 ng

RT: 10.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

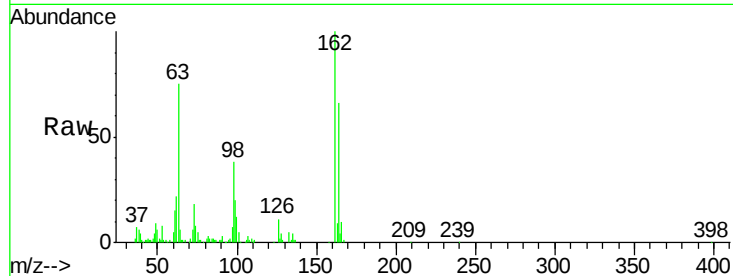
Tot Ion:162 Resp: 137008

Ion Ratio Lower Upper

162 100

164 66.0 38.9 78.9

98 37.7 16.8 56.8

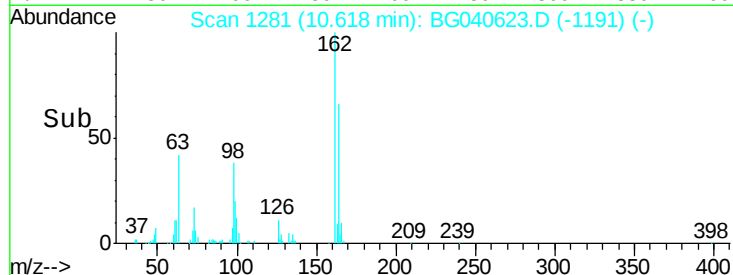


Abundance Ion 162.00 (161.70 to 162.70): E

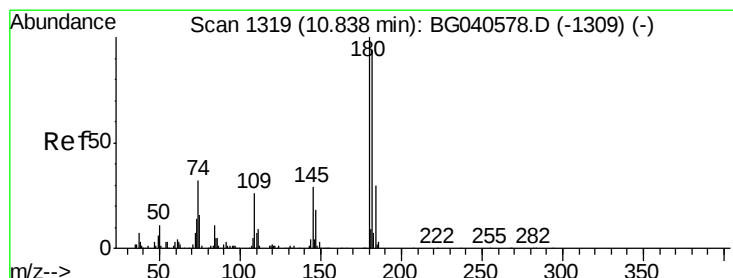
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 42.016 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

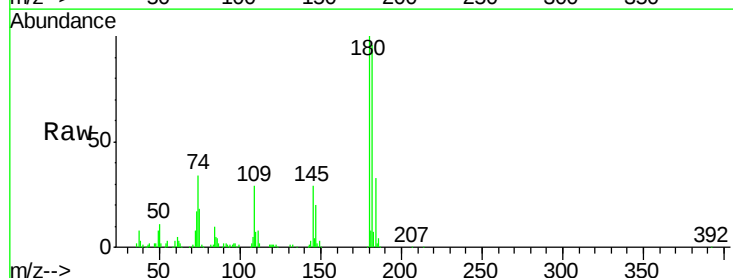
Tgt Ion:180 Resp: 140029

Ion Ratio Lower Upper

180 100

182 96.2 75.2 112.8

145 29.5 23.6 35.4

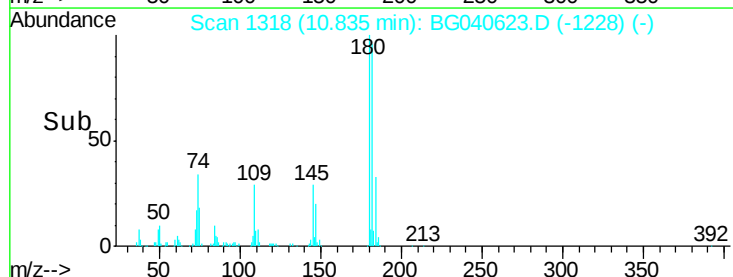


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



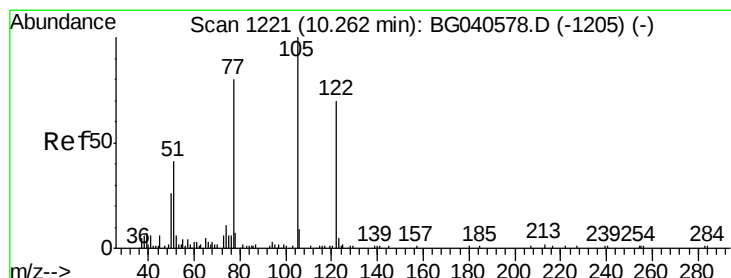
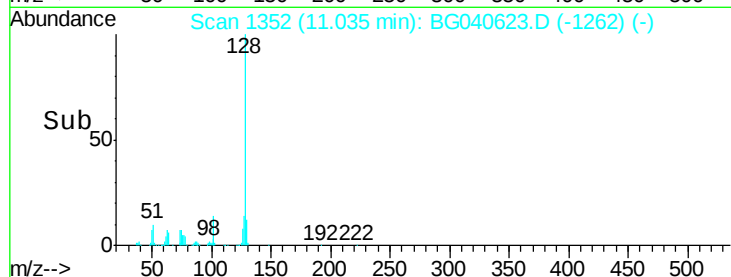
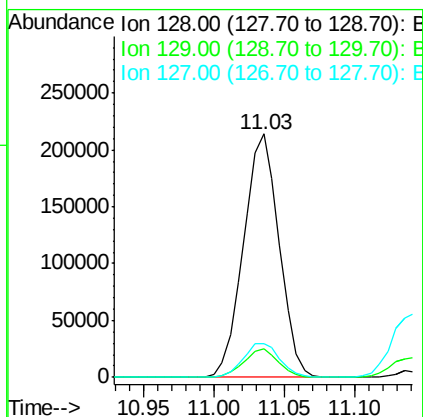
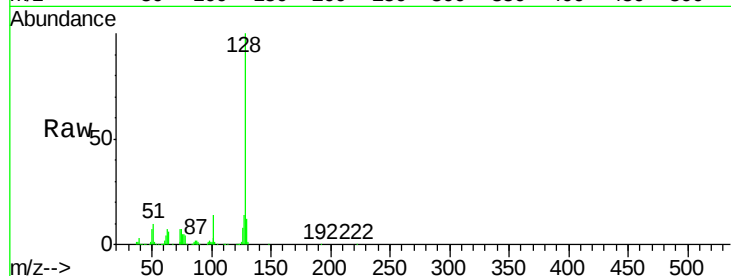
Time-->



#31
Naphthalene
Concen: 41.835 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

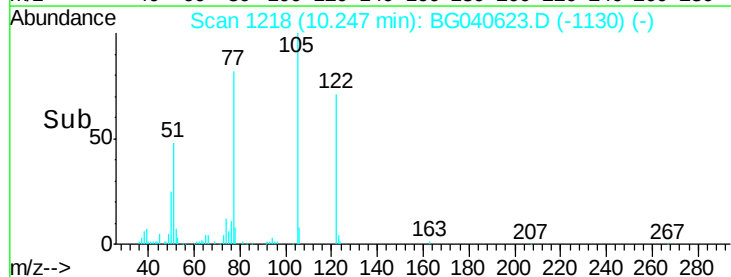
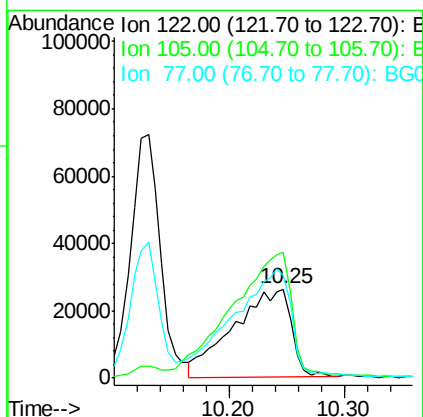
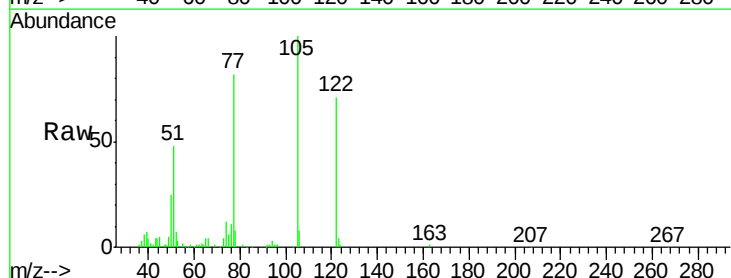
Instrument :
BNA_G
ClientSampled :

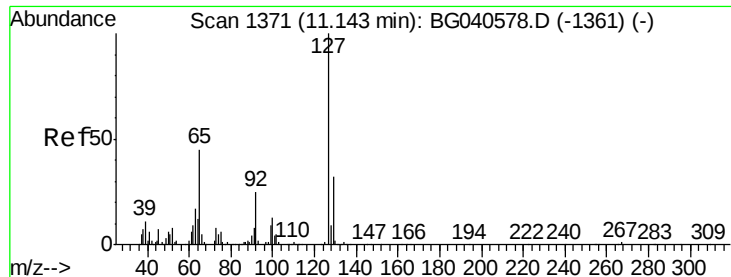
Tot Ion:128 Resp: 378322
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 49.674 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion:122 Resp: 89894
Ion Ratio Lower Upper
122 100
105 141.5 110.9 150.9
77 115.8 87.6 127.6

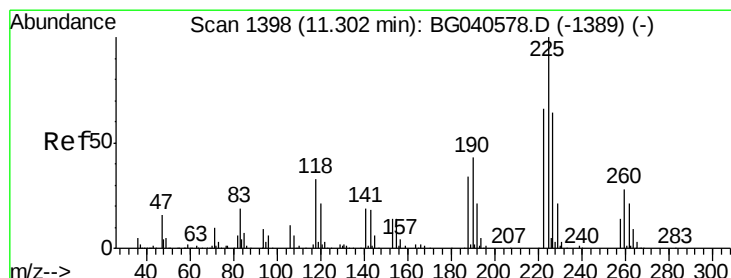
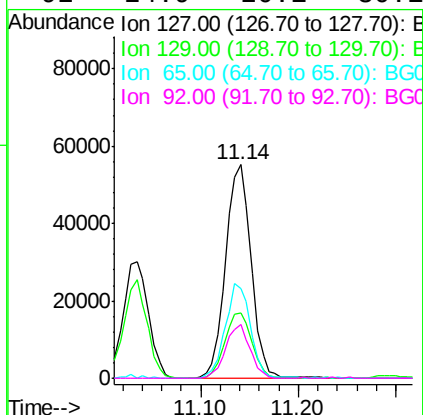
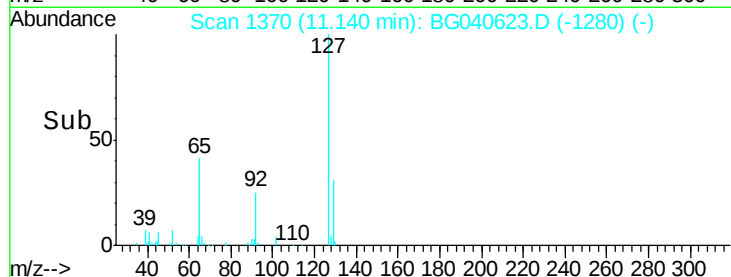
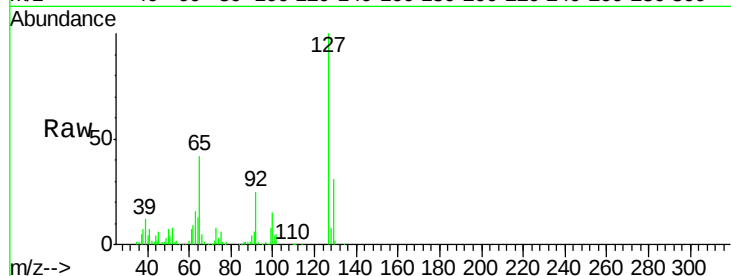




#33
4-Chloroaniline
Concen: 24.994 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

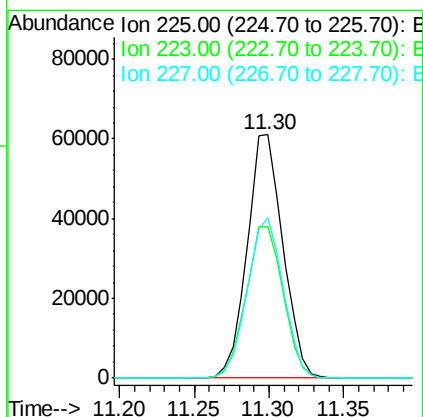
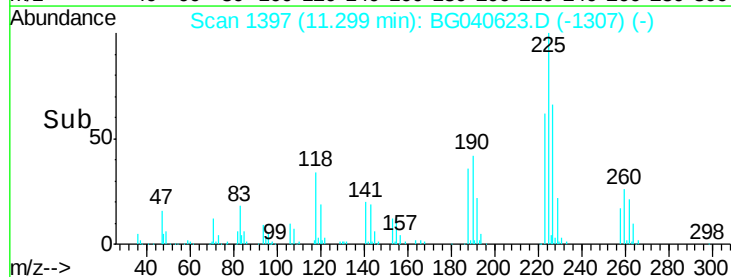
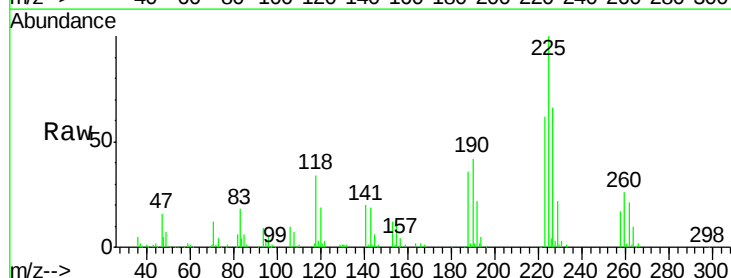
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	100214
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.7	38.5
65	41.7	36.1	54.1
92	24.9	20.1	30.1



#34
Hexachlorobutadiene
Concen: 40.935 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion:	225	Resp:	100717
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	66.1	51.0	76.6





#35

Caprolactam

Concen: 25.822 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

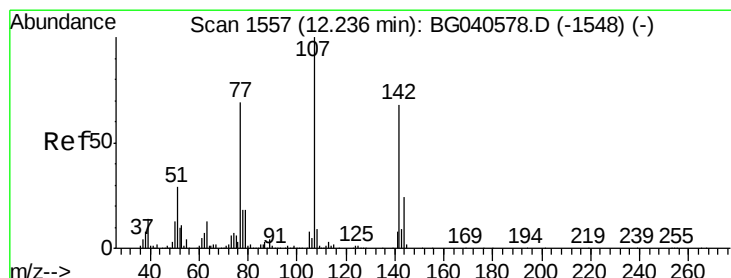
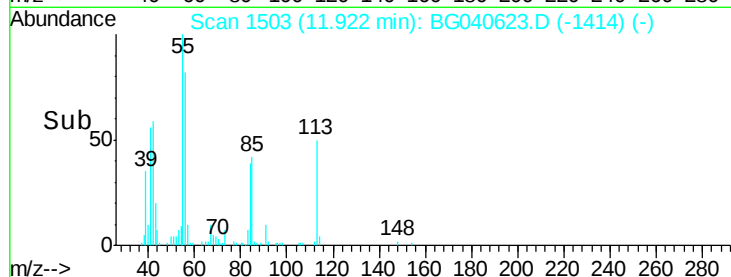
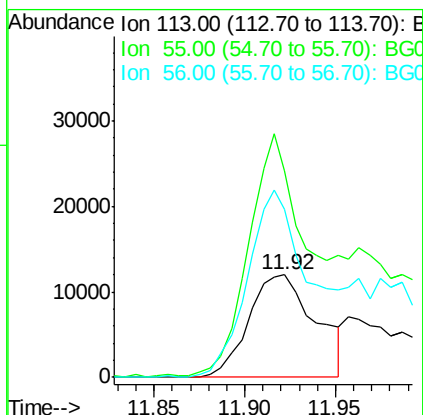
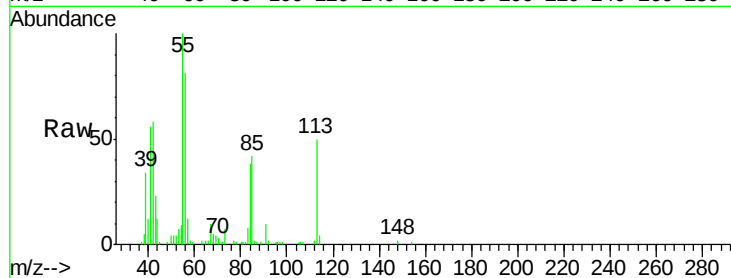
Instrument :

BNA_G

ClientSampled :

Tot Ion:113 Resp: 30638

Ion	Ratio	Lower	Upper
113	100		
55	201.5	198.6	238.6
56	164.1	148.4	188.4



#36

4-Chloro-3-methylphenol

Concen: 43.996 ng

RT: 12.23 min Scan# 1556

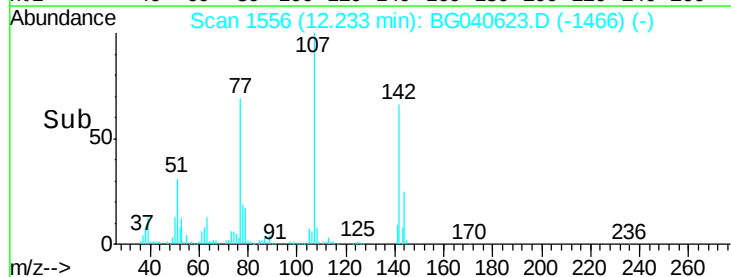
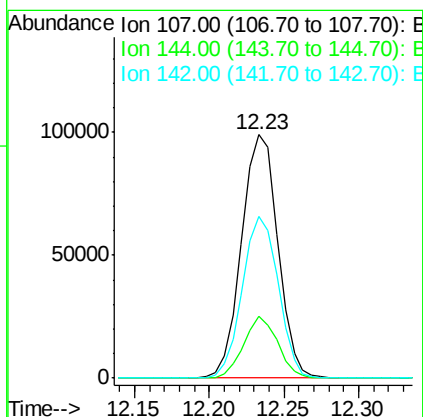
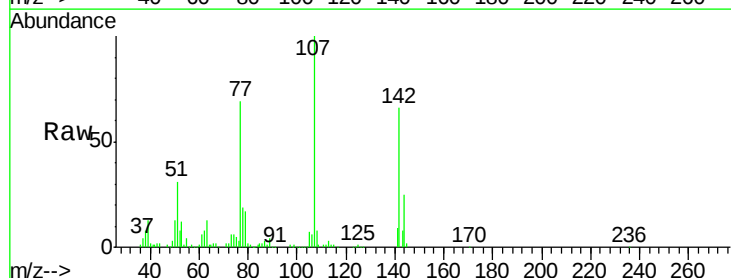
Delta R.T. -0.00 min

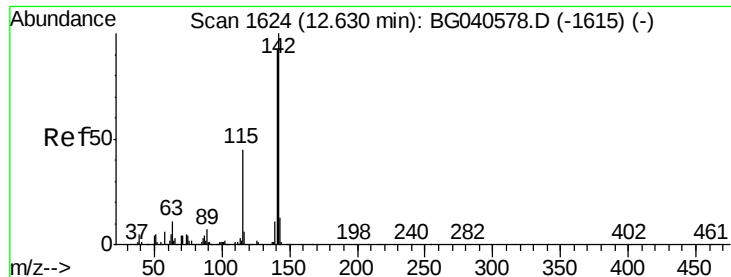
Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion:107 Resp: 166800

Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.3	28.9
142	66.2	54.6	81.8

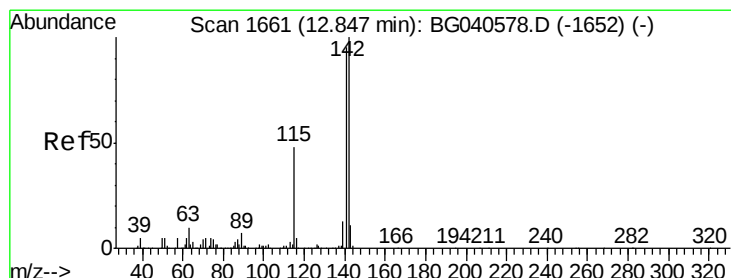
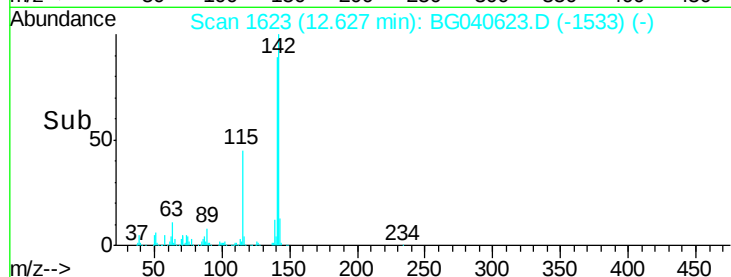
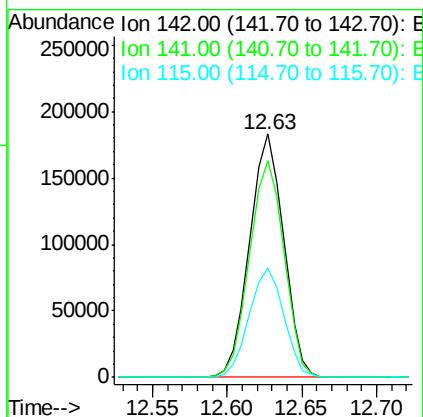
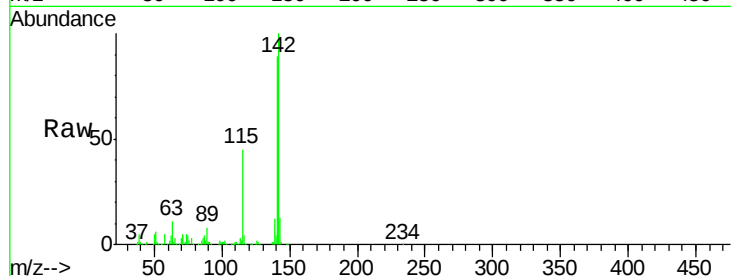




#37
 2-Methylnaphthalene
 Concen: 42.674 ng
 RT: 12.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

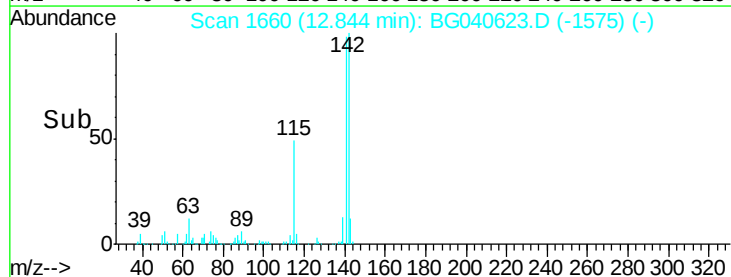
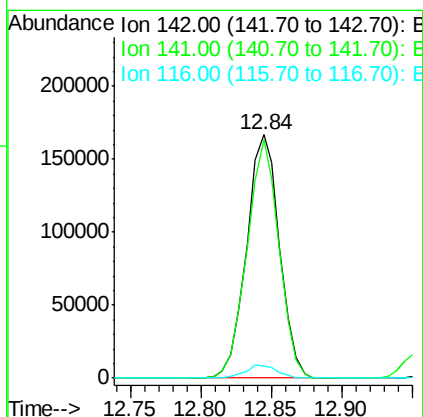
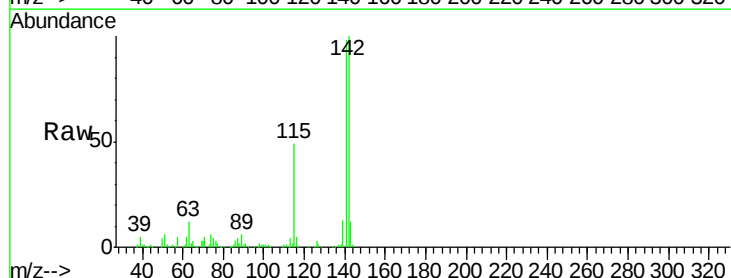
Instrument :
 BNA_G
 ClientSampleId :

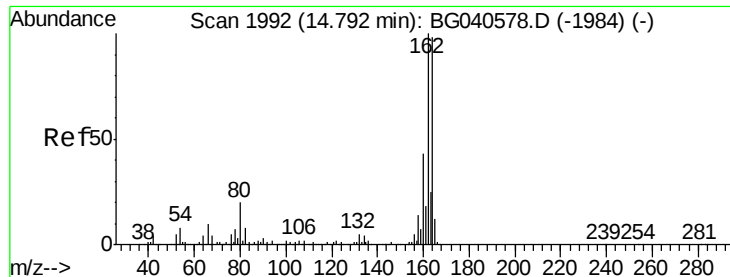
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.4	110.2
115	44.6	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 41.213 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.0	75.9	113.9
116	4.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

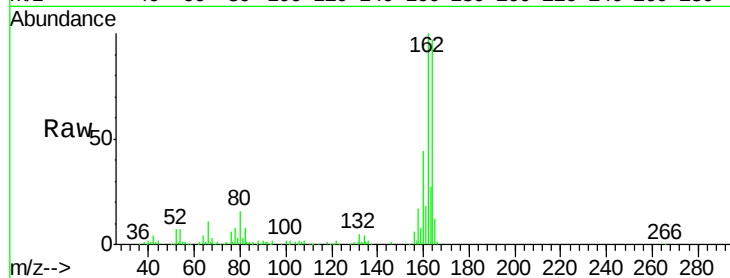
Tot Ion:164 Resp: 120568

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

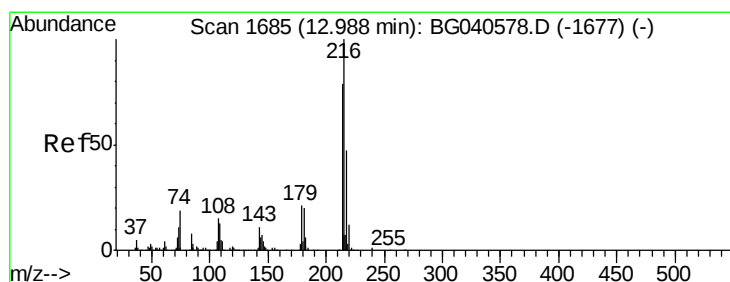
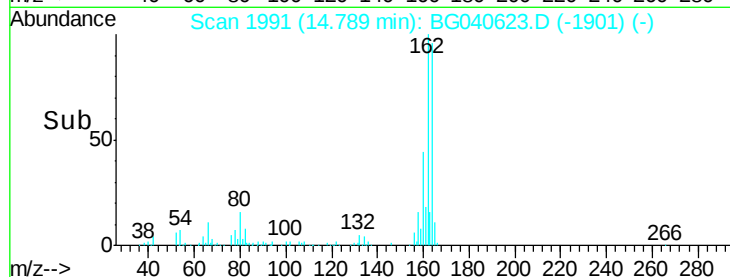
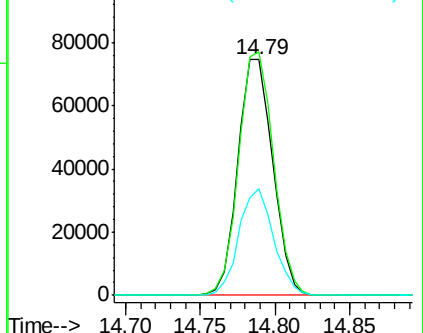
160 45.4 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.833 ng

RT: 12.99 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion:216 Resp: 187892

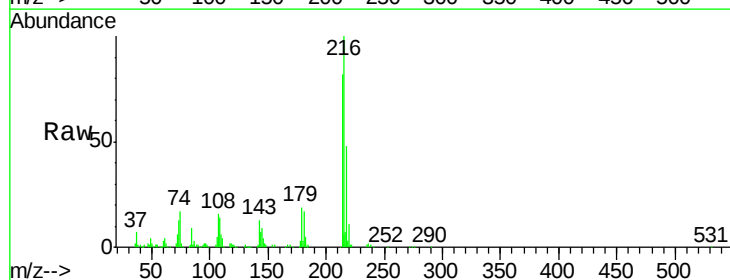
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 19.9 16.6 24.8

108 19.7 14.7 22.1

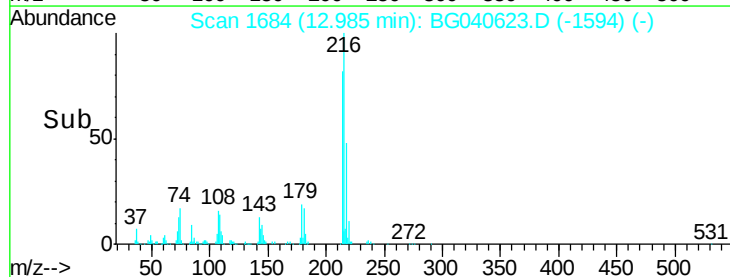
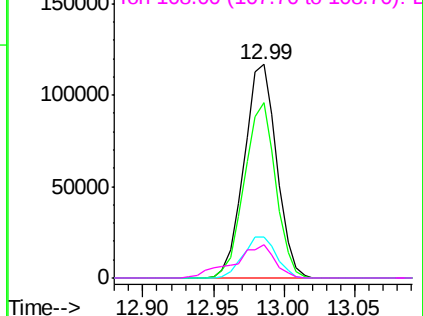


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.976 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

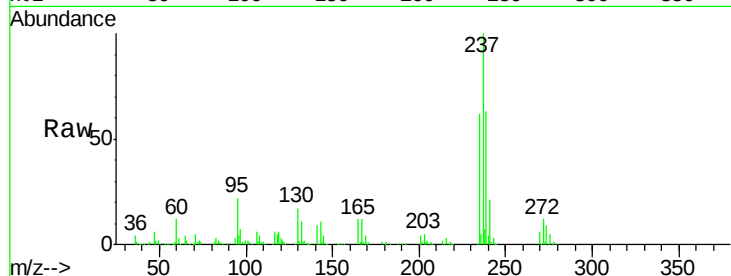
Tot Ion:237 Resp: 241117

Ion Ratio Lower Upper

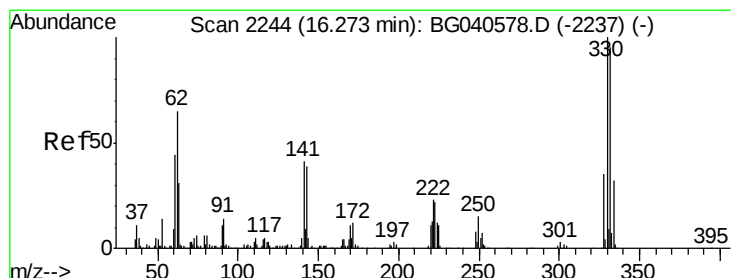
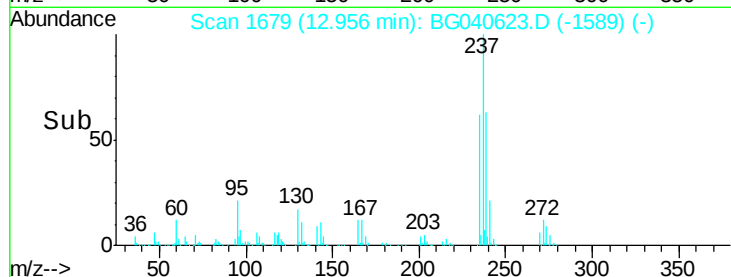
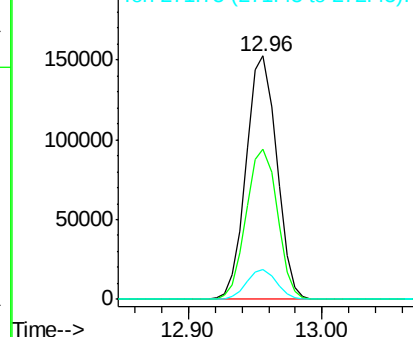
237 100

235 61.7 42.5 82.5

272 12.4 0.0 31.6



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: 137.698 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

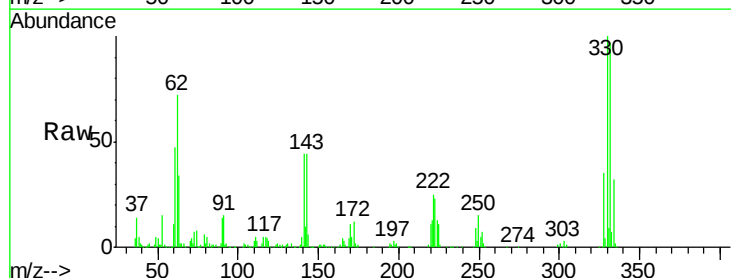
Tgt Ion:330 Resp: 228198

Ion Ratio Lower Upper

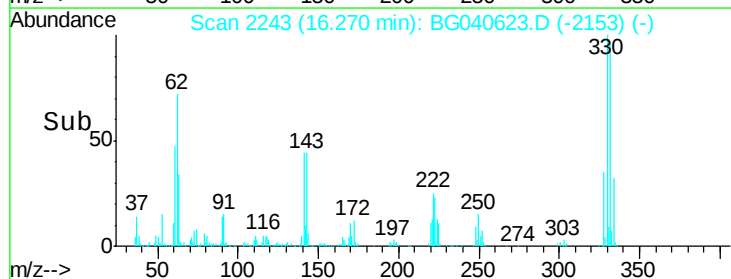
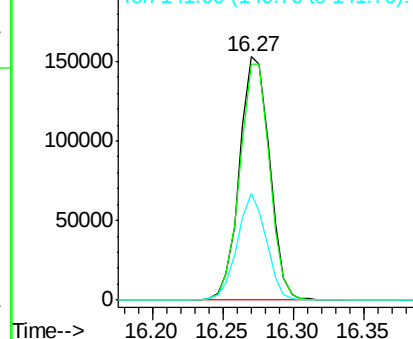
330 100

332 96.5 75.9 113.9

141 41.9 32.4 48.6



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

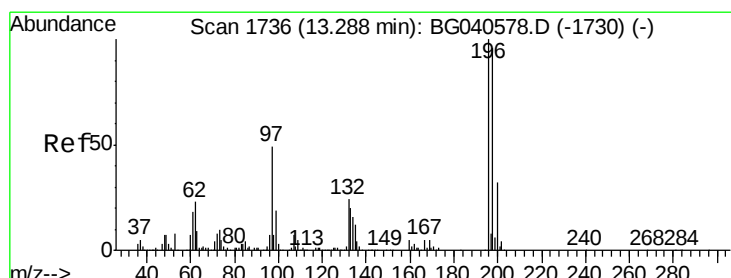
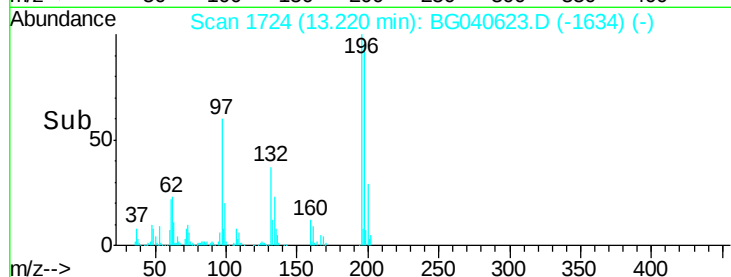
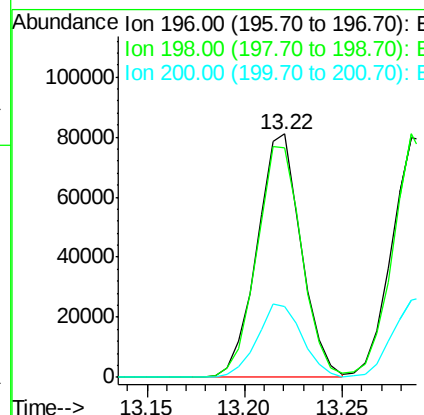
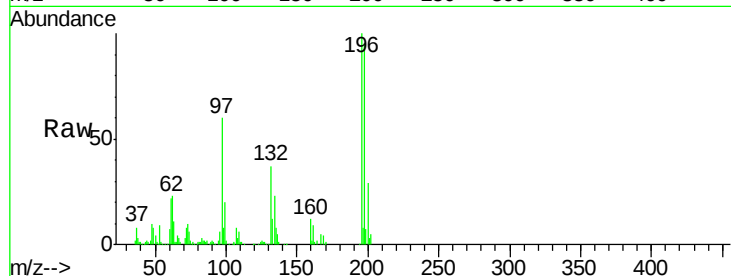




#43
 2,4,6-Trichlorophenol
 Concen: 46.583 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

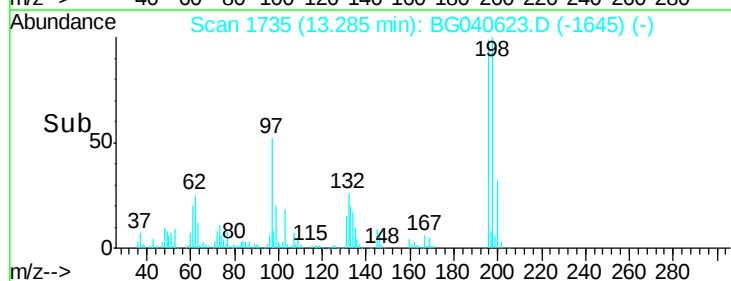
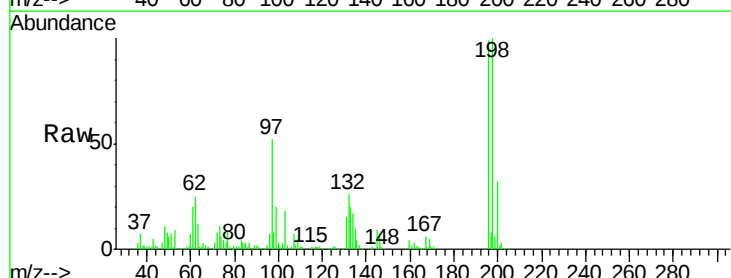
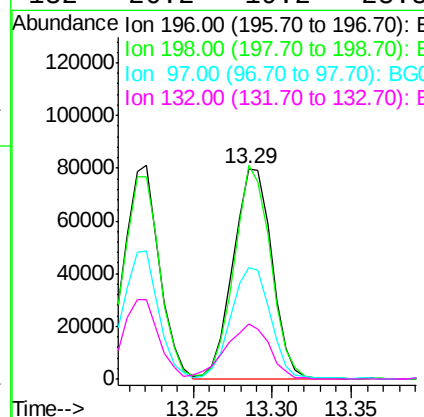
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	126438
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.8	112.2
200	29.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.813 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

Tgt Ion	196	Resp	135456
Ion Ratio	Lower	Upper	
196	100		
198	101.5	77.0	115.6
97	53.1	40.0	60.0
132	26.2	19.2	28.8

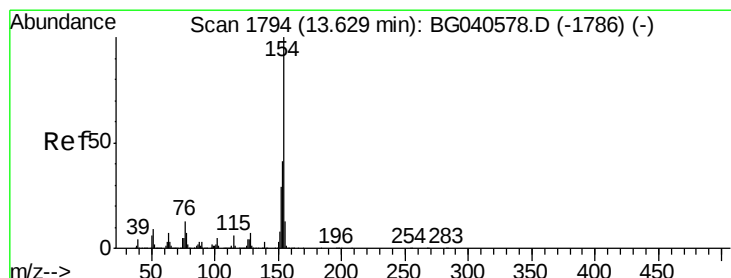
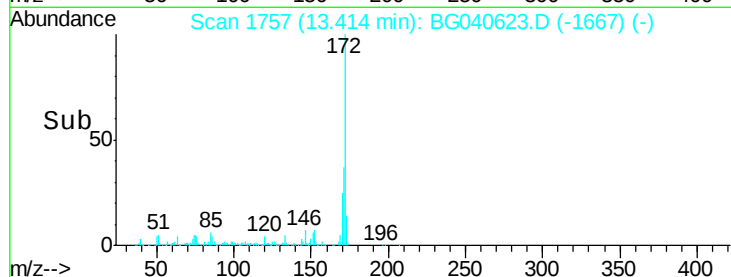
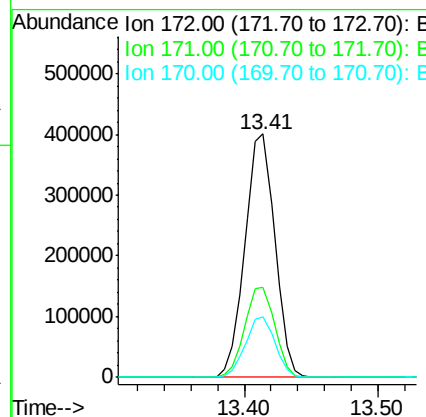
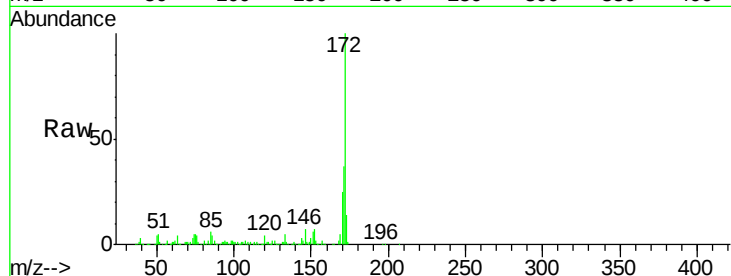




#45
 2-Fluorobiphenyl
 Concen: 74.176 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

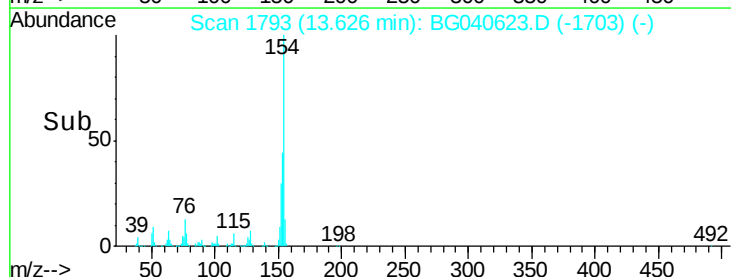
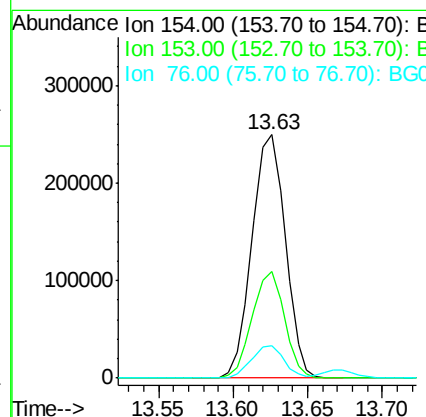
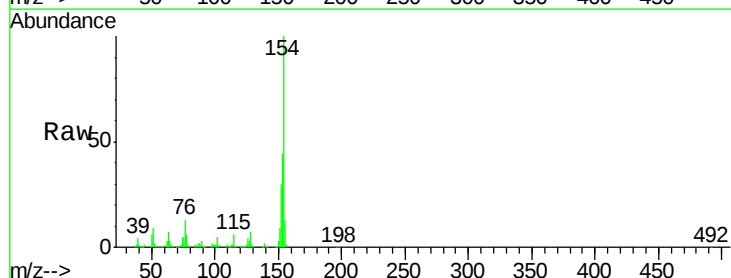
Instrument :
 BNA_G
 ClientSampleId :

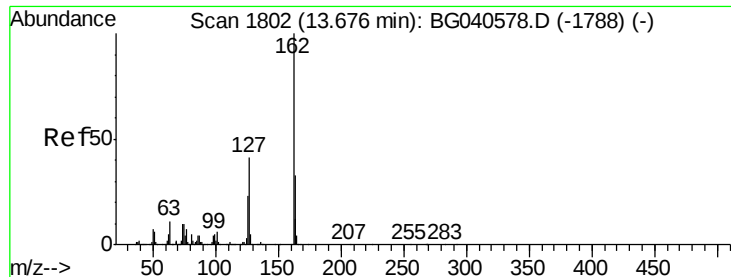
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.6	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 41.165 ng
 RT: 13.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	20.5	60.5
76	13.1	0.0	32.5





#47

2-Chloronaphthalene

Concen: 41.329 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

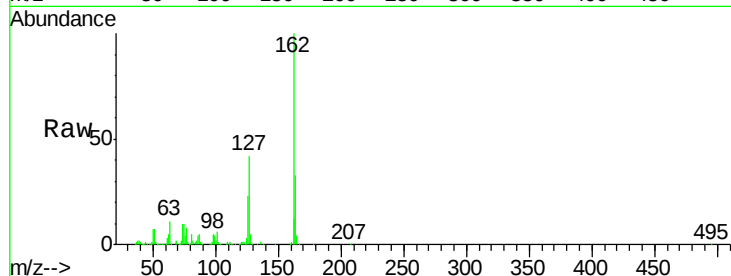
Tot Ion:162 Resp: 302772

Ion Ratio Lower Upper

162 100

127 41.6 33.0 49.4

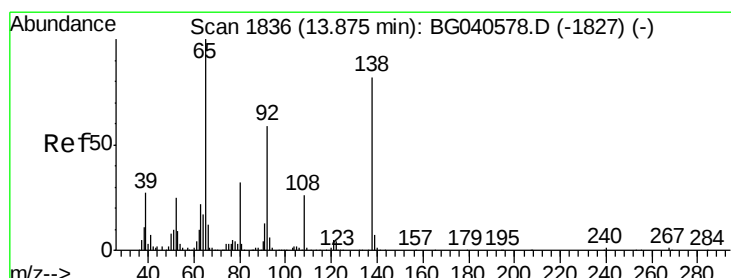
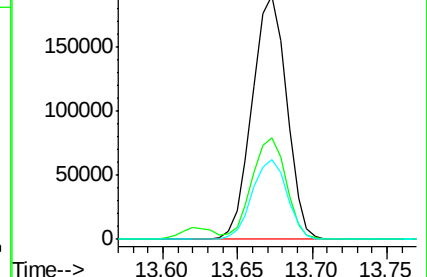
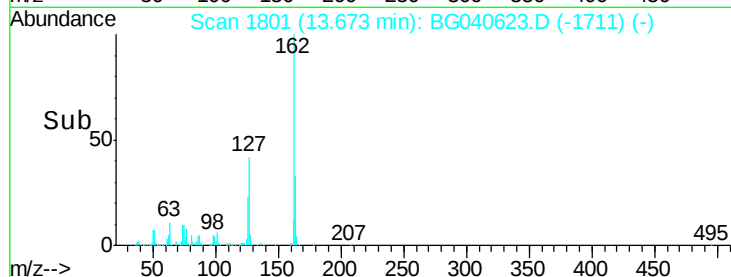
164 33.0 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 51.298 ng

RT: 13.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

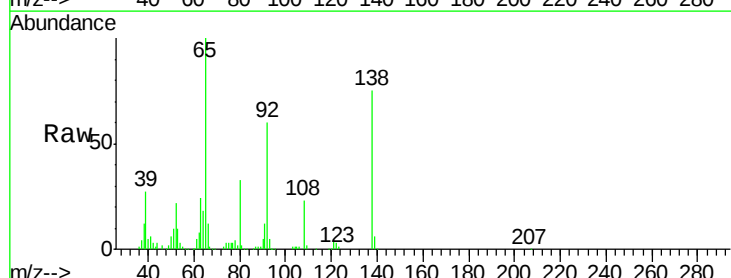
Tgt Ion: 65 Resp: 133772

Ion Ratio Lower Upper

65 100

92 60.3 47.4 71.0

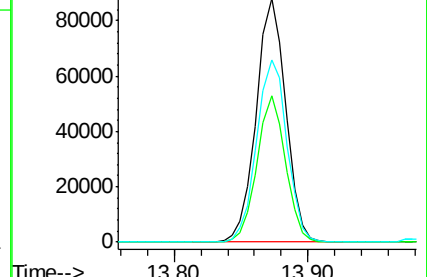
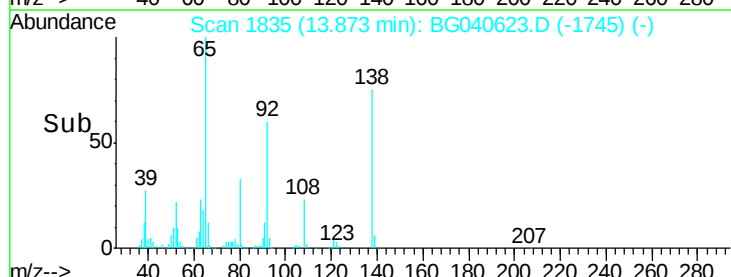
138 75.0 66.1 99.1

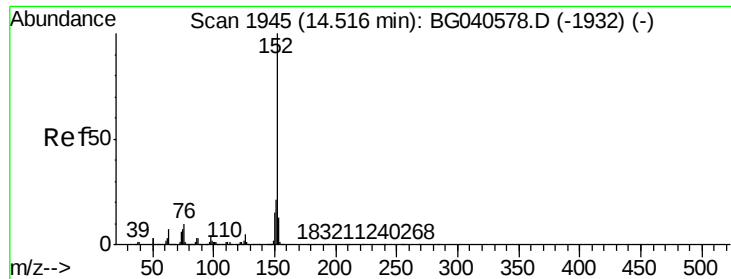


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.720 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

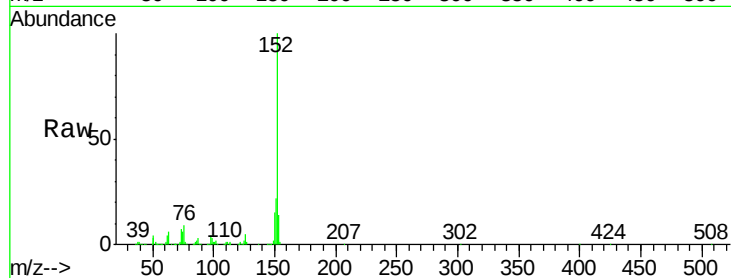
Tot Ion:152 Resp: 506111

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

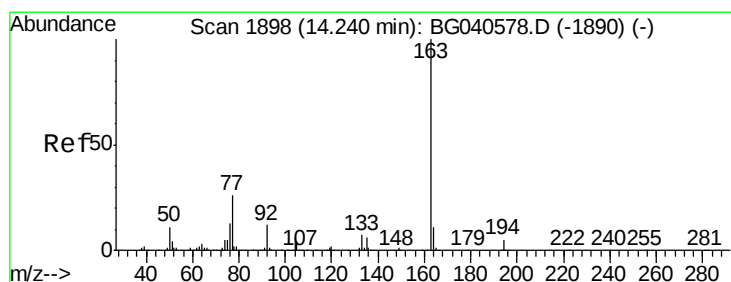
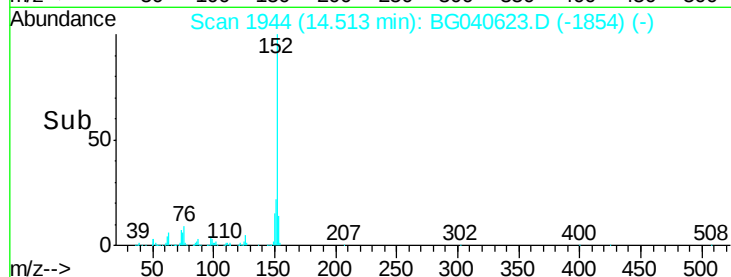
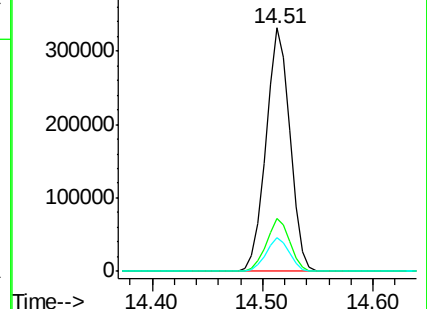
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.593 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

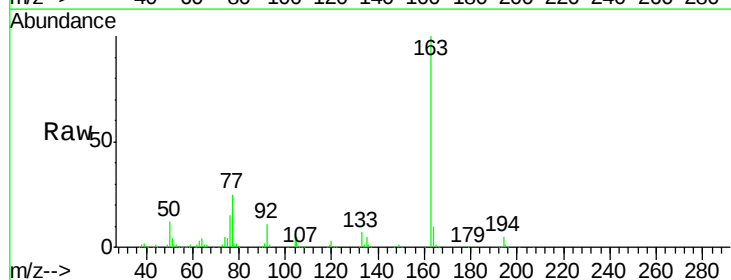
Tgt Ion:163 Resp: 429662

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.8

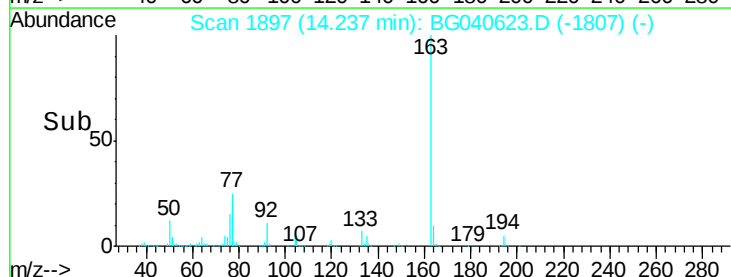
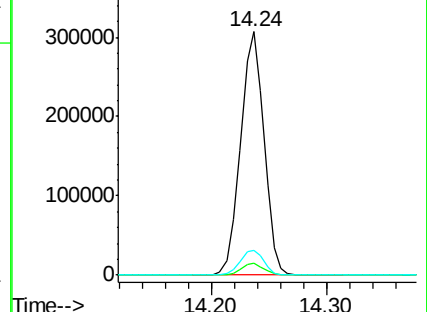
164 10.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.915 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

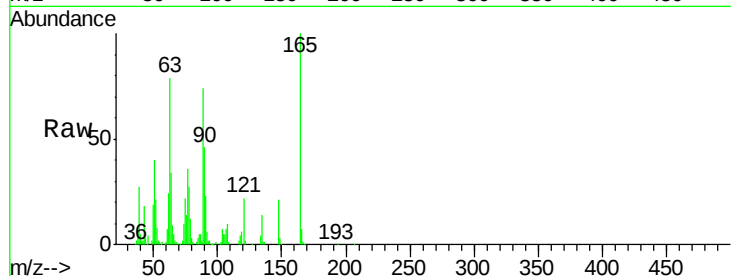
Tot Ion:165 Resp: 94336

Ion Ratio Lower Upper

165 100

63 78.6 61.0 91.4

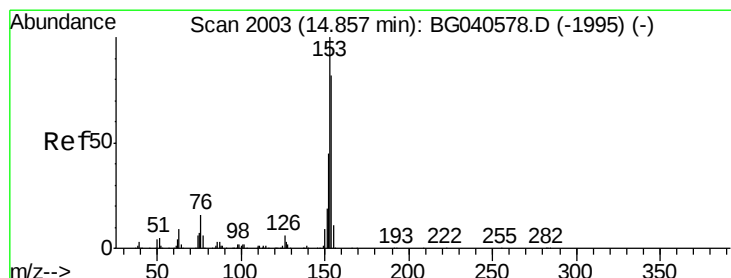
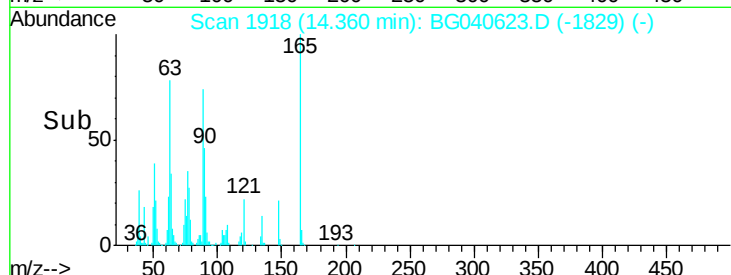
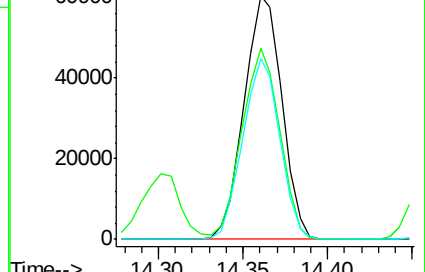
89 74.1 58.6 87.8



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: 40.819 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

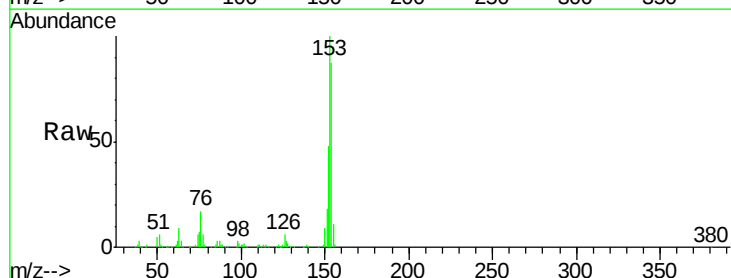
Tgt Ion:154 Resp: 295456

Ion Ratio Lower Upper

154 100

153 114.6 97.0 145.6

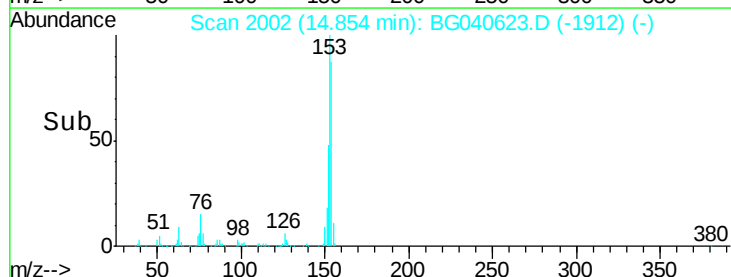
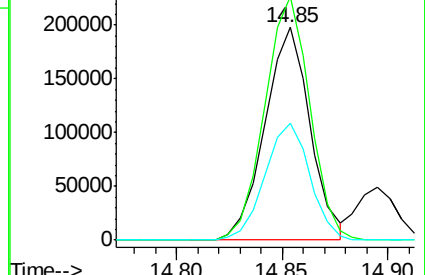
152 55.3 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

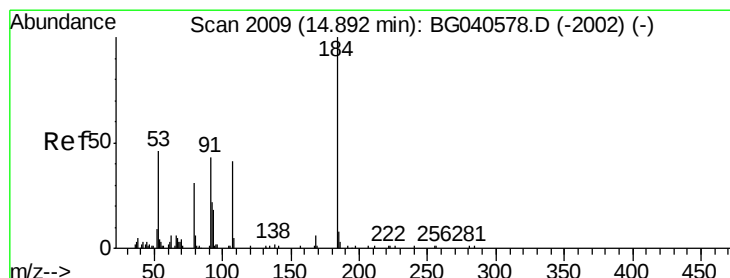
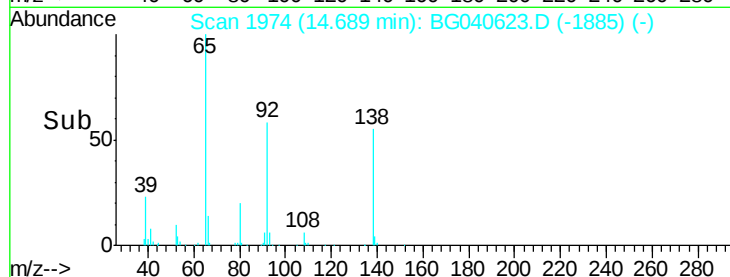
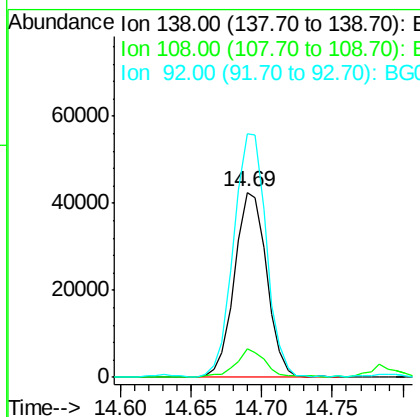
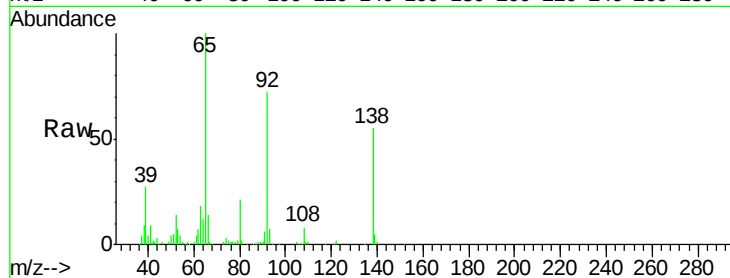




#53
 3-Nitroaniline
 Concen: 33.651 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

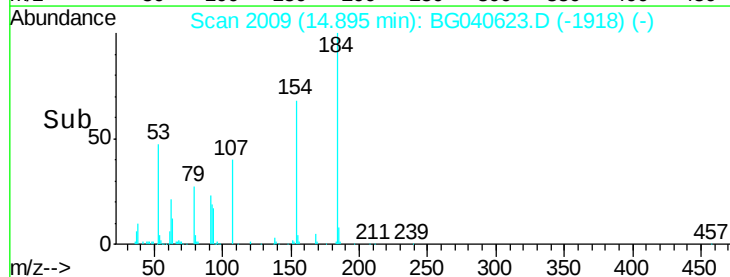
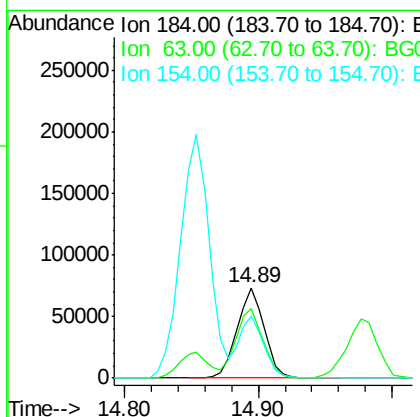
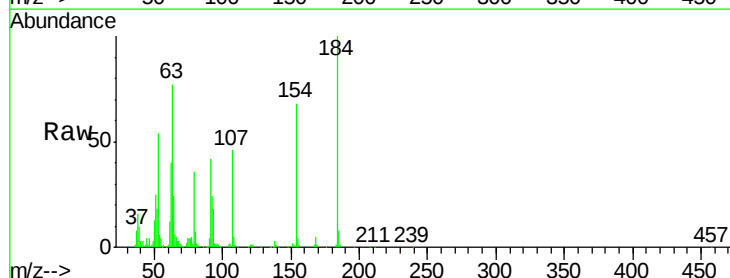
Instrument :
 BNA_G
 ClientSampled :

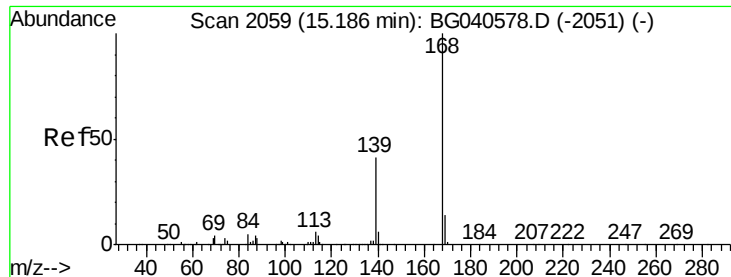
Tot Ion:138 Resp: 67884
 Ion Ratio Lower Upper
 138 100
 108 15.2 12.4 18.6
 92 131.4 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 92.037 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

Tgt Ion:184 Resp: 103482
 Ion Ratio Lower Upper
 184 100
 63 76.9 51.8 77.6
 154 67.6 43.6 65.4#





#55

Dibenzenofuran

Concen: 42.016 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

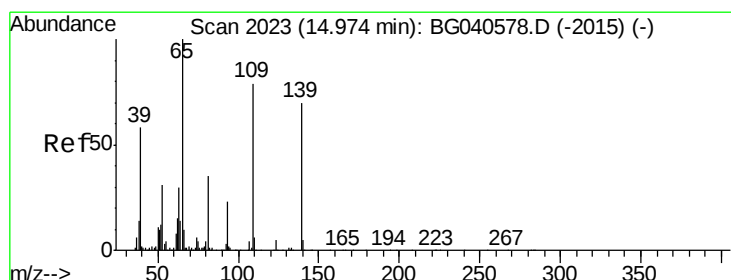
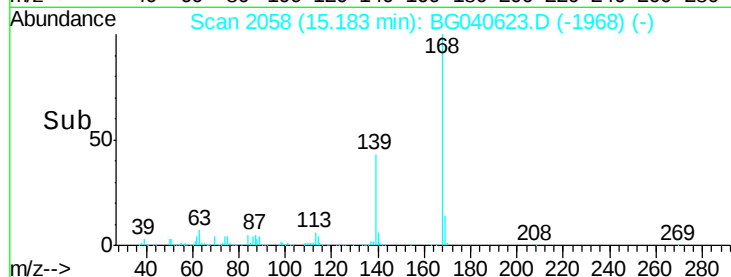
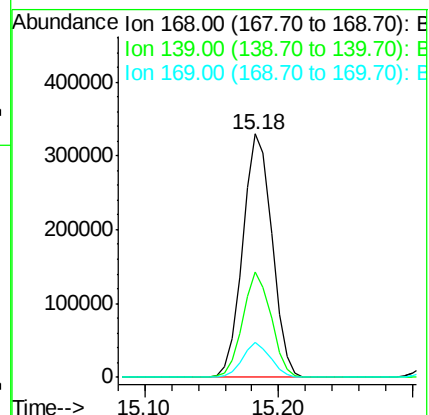
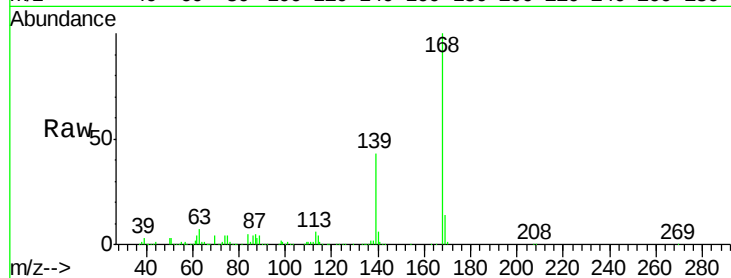
Tot Ion:168 Resp: 498127

Ion Ratio Lower Upper

168 100

139 43.2 33.0 49.4

169 14.4 11.0 16.4



#56

4-Nitrophenol

Concen: 95.856 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

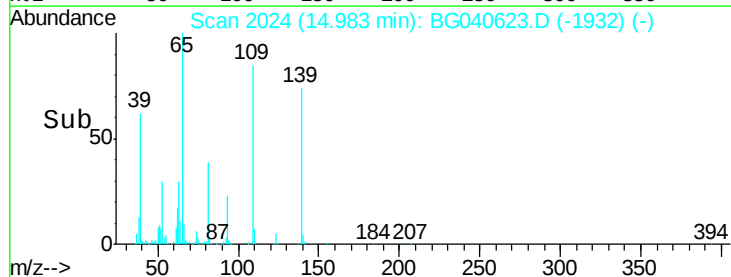
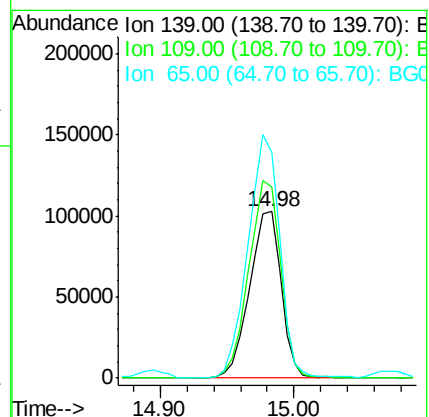
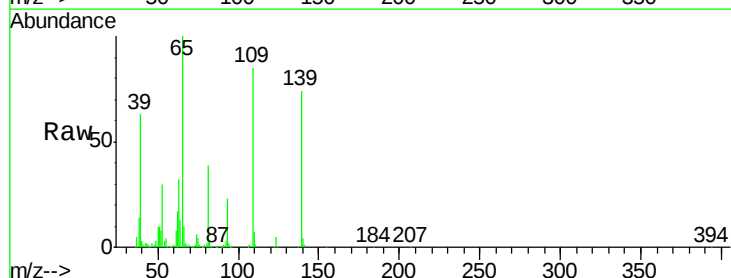
Tgt Ion:139 Resp: 167671

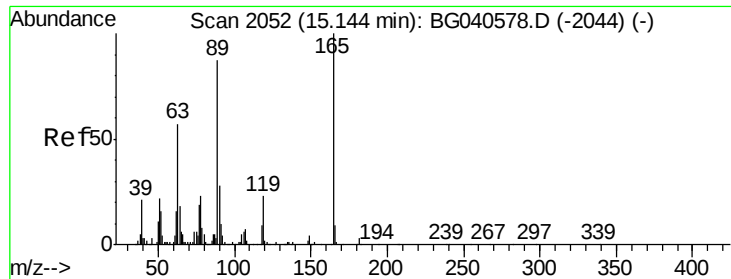
Ion Ratio Lower Upper

139 100

109 115.2 93.8 133.8

65 135.8 122.7 162.7

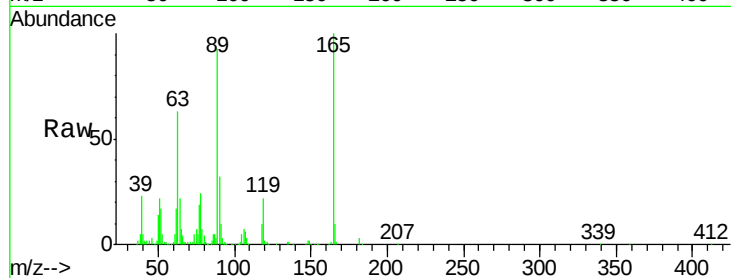




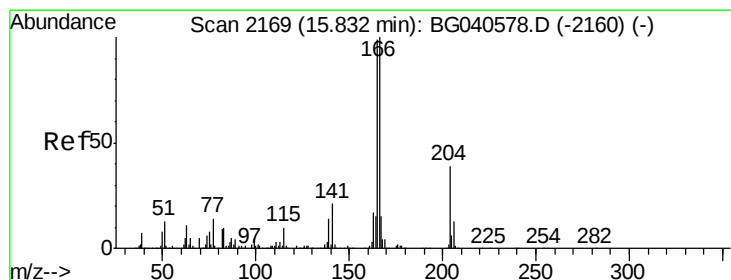
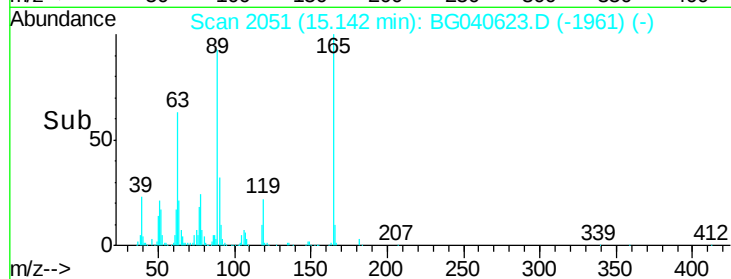
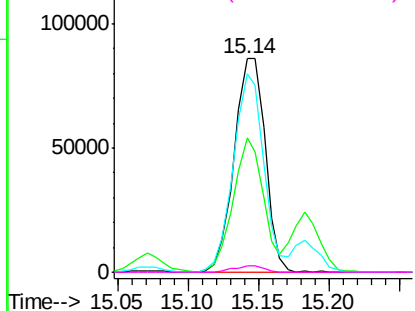
#57
2,4-Dinitrotoluene
Concen: 49.348 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 132021
Ion Ratio Lower Upper
165 100
63 63.2 45.8 68.8
89 93.0 69.4 104.2
182 3.1 2.2 3.4

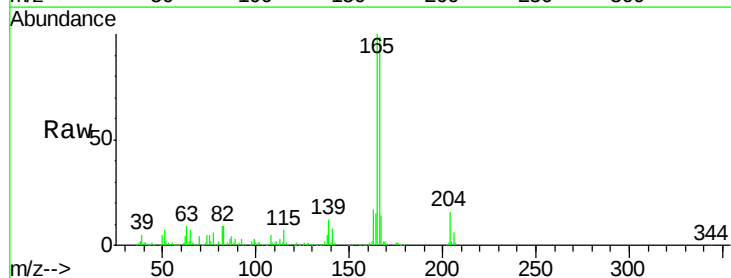


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

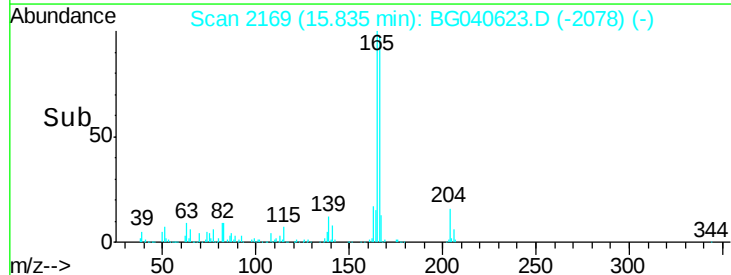
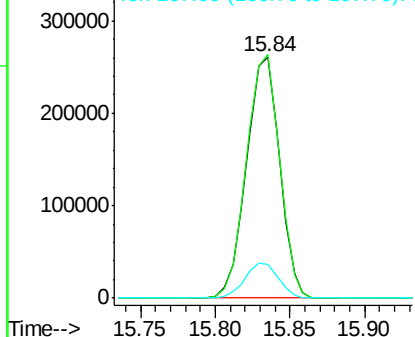


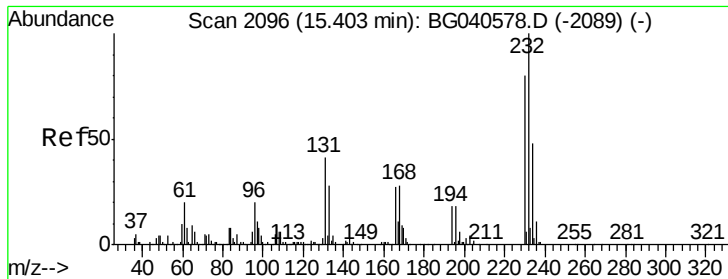
#58
Fluorene
Concen: 41.638 ng
RT: 15.84 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion:166 Resp: 398994
Ion Ratio Lower Upper
166 100
165 100.8 79.6 119.4
167 13.7 12.2 18.2



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: 48.111 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 143178

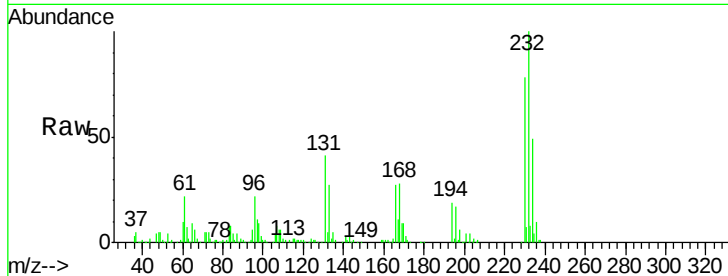
Ion Ratio Lower Upper

232 100

131 42.2 33.0 49.4

130 1.0 2.0 3.0#

166 28.5 22.1 33.1

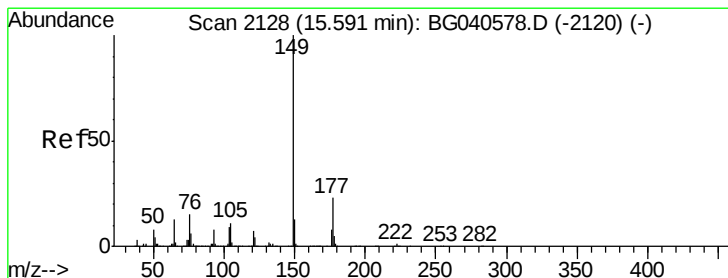
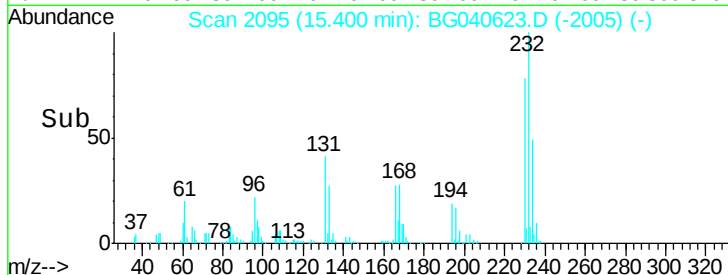
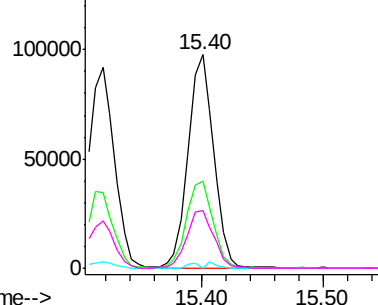


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.298 ng

RT: 15.59 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

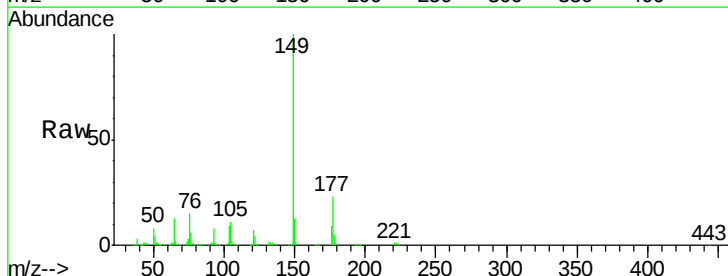
Tgt Ion:149 Resp: 460840

Ion Ratio Lower Upper

149 100

177 22.9 18.5 27.7

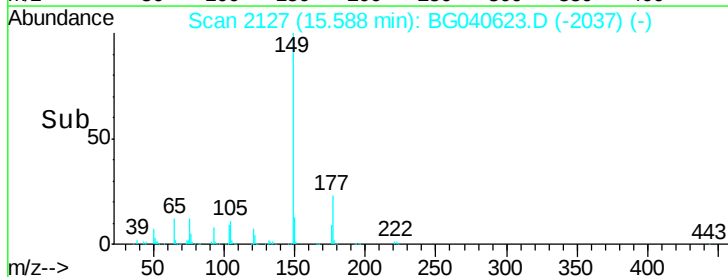
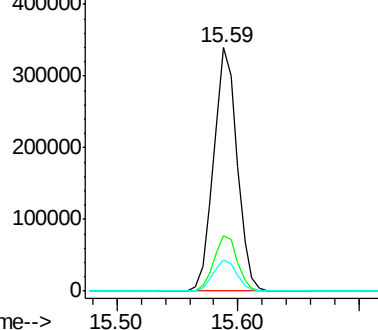
150 12.9 10.2 15.4

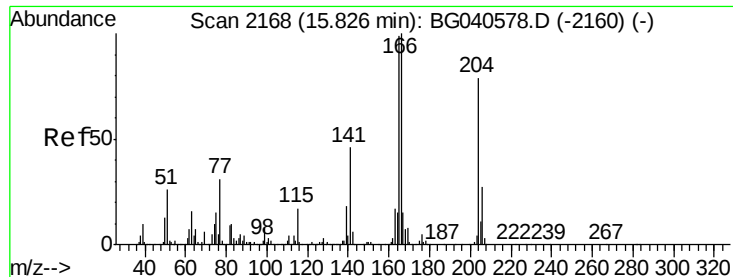


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 42.106 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

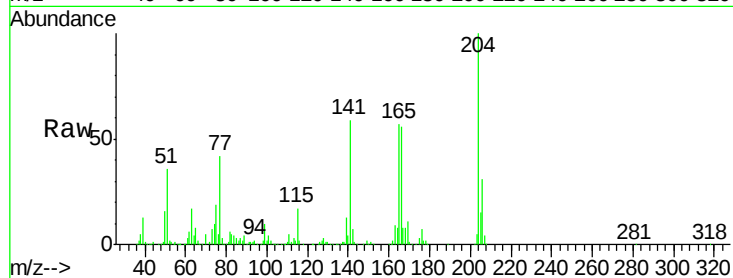
Tot Ion:204 Resp: 234669

Ion Ratio Lower Upper

204 100

206 30.8 27.4 41.2

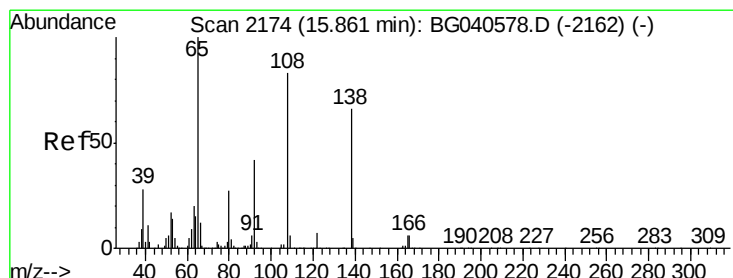
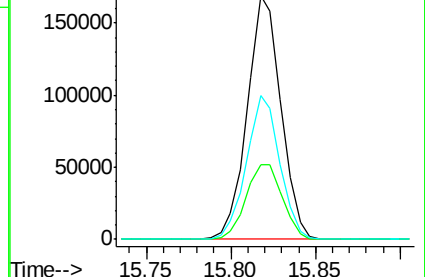
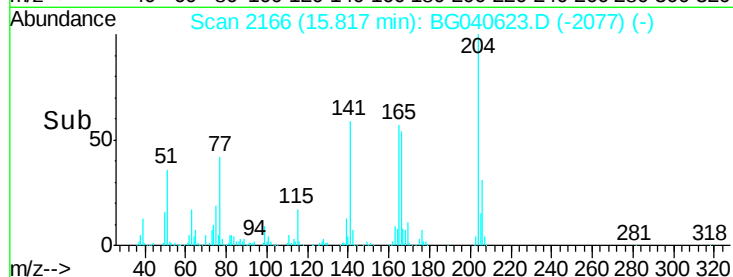
141 58.8 46.0 69.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 47.430 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

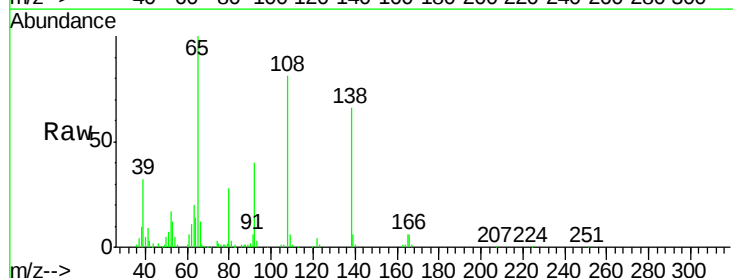
Tgt Ion:138 Resp: 107029

Ion Ratio Lower Upper

138 100

92 60.4 43.9 83.9

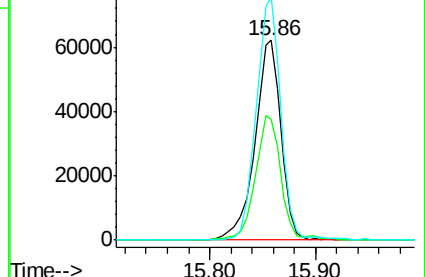
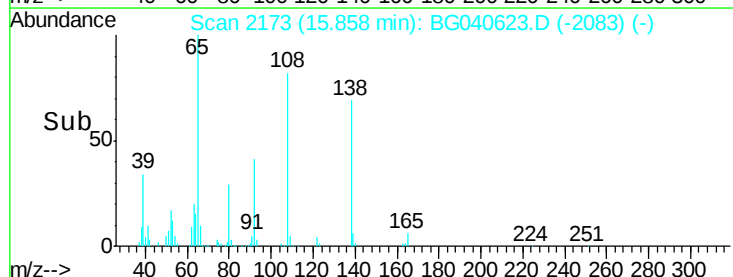
108 121.8 106.5 146.5

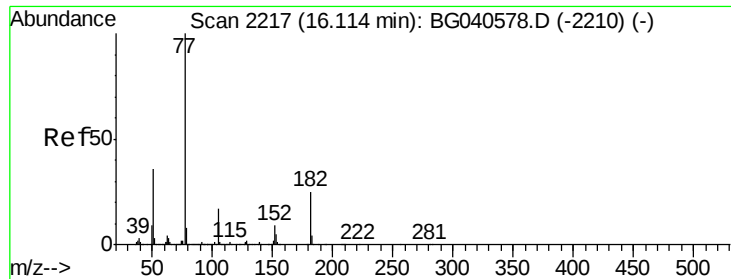


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

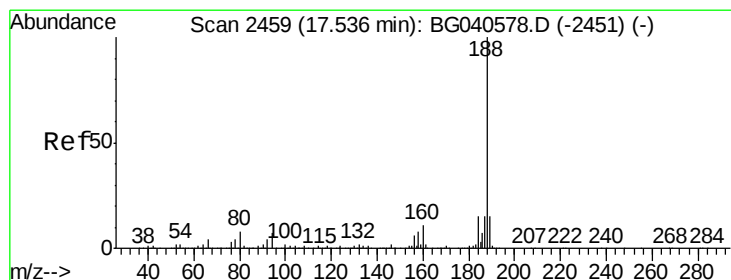
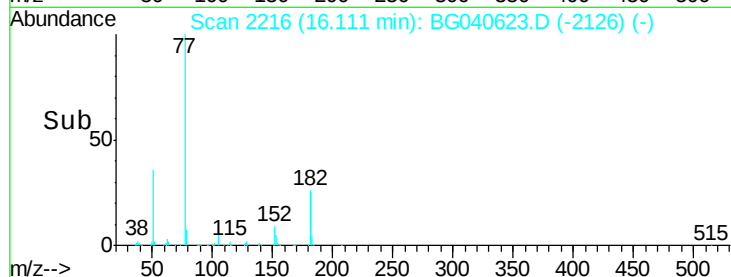
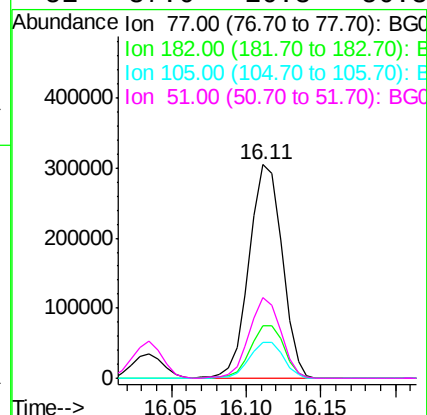
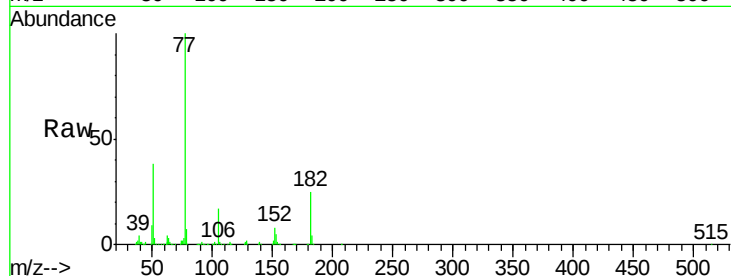




#63
Azobenzene
Concen: 42.609 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

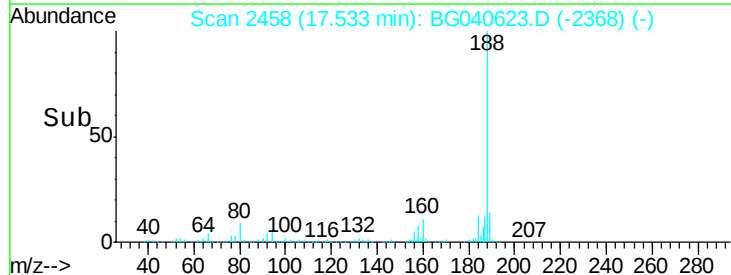
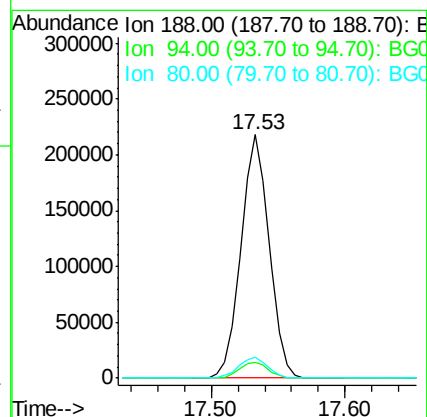
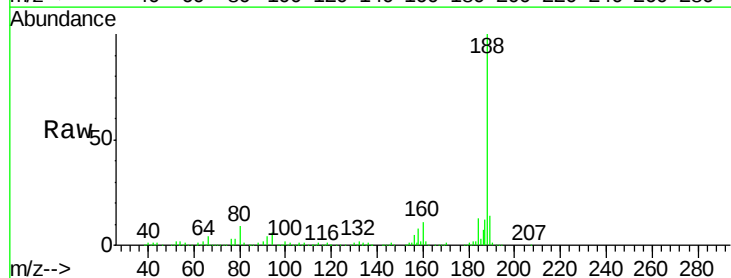
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	467038
Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.0	45.0
105	16.9	0.0	37.6
51	37.6	16.3	56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion:	188	Resp:	316744
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.6	8.4
80	8.6	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 46.808 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

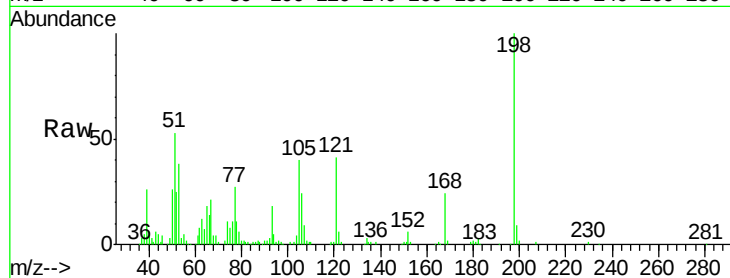
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 72730

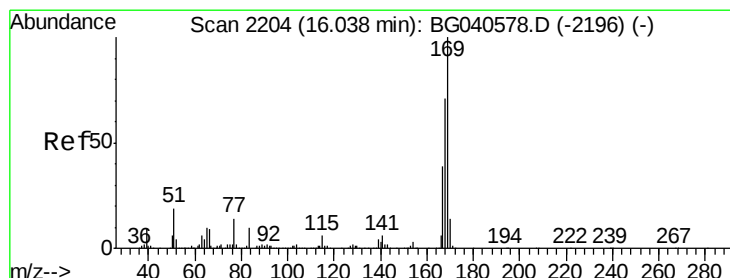
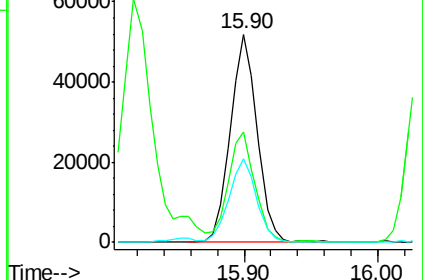
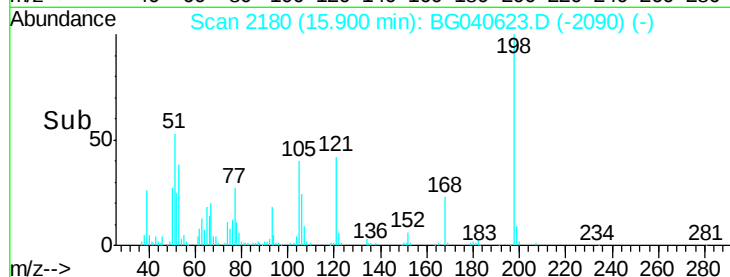
Ion	Ratio	Lower	Upper
198	100		
51	53.1	35.9	75.9
105	40.1	21.2	61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.689 ng

RT: 16.03 min Scan# 2203

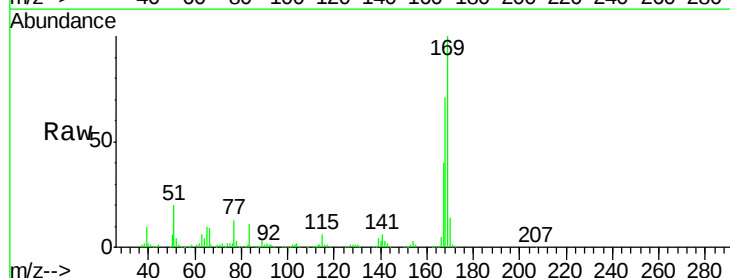
Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion:169 Resp: 379182

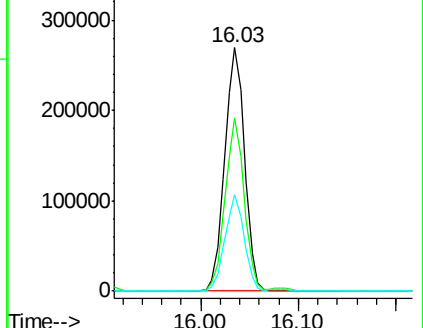
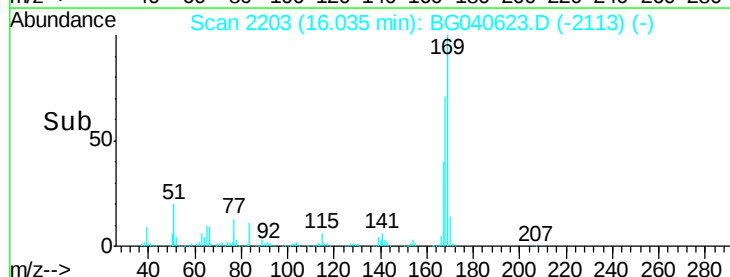
Ion	Ratio	Lower	Upper
169	100		
168	71.4	56.8	85.2
167	39.7	31.4	47.0

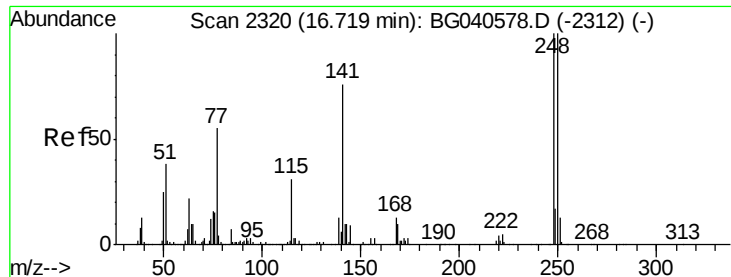


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.963 ng

RT: 16.72 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

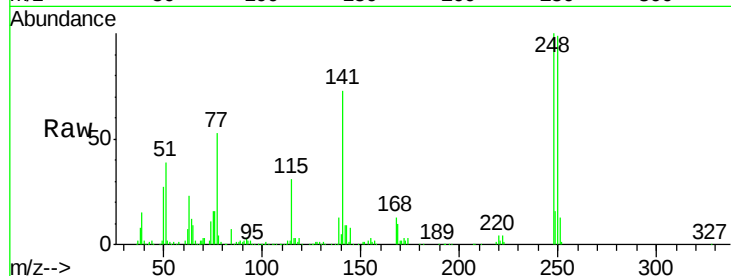
Instrument :

BNA_G

ClientSampled :

Tot Ion:248 Resp: 153755

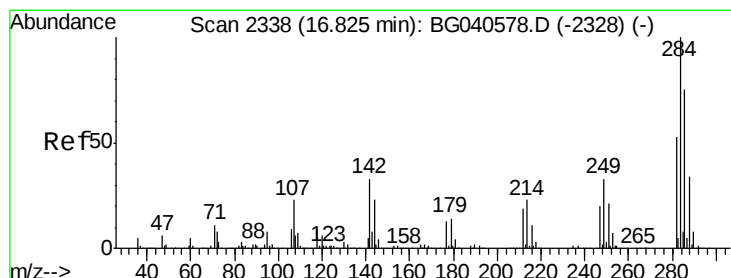
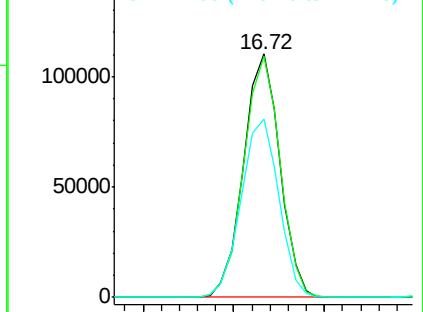
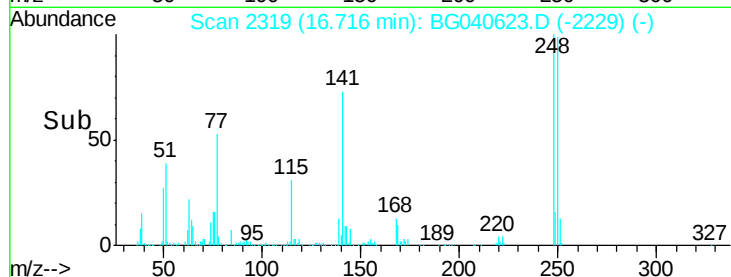
Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.8	119.6
141	73.1	60.8	91.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.451 ng

RT: 16.82 min Scan# 2337

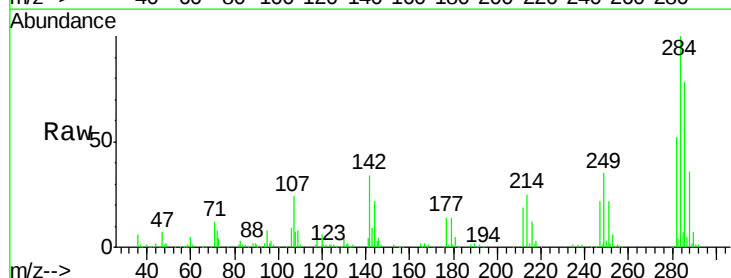
Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion:284 Resp: 160977

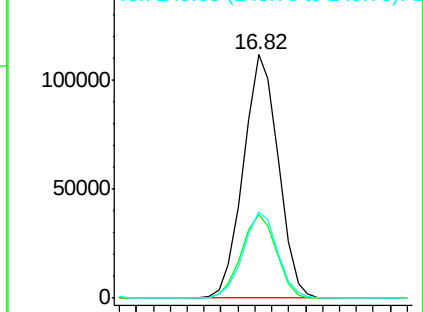
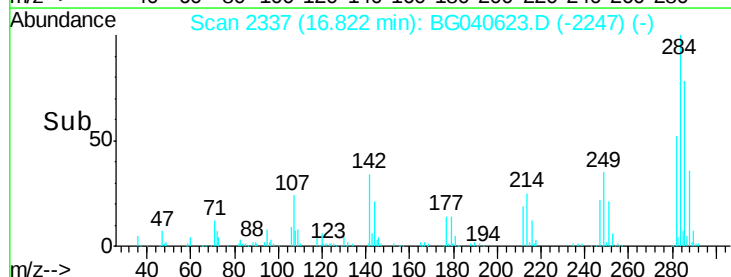
Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.6	40.0
249	35.2	26.0	39.0

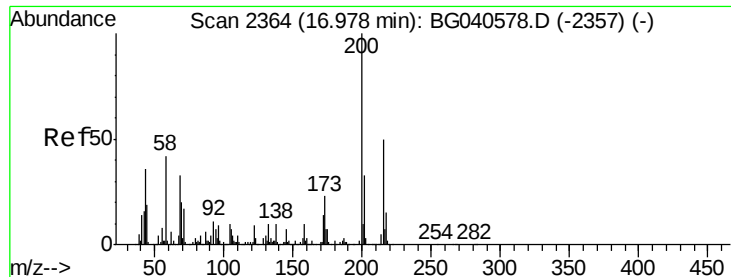


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.819 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

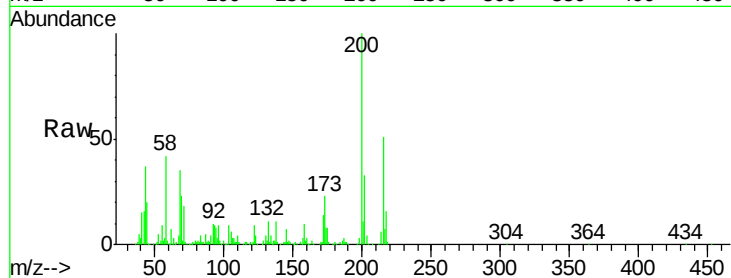
Tot Ion:200 Resp: 169171

Ion Ratio Lower Upper

200 100

173 22.9 2.8 42.8

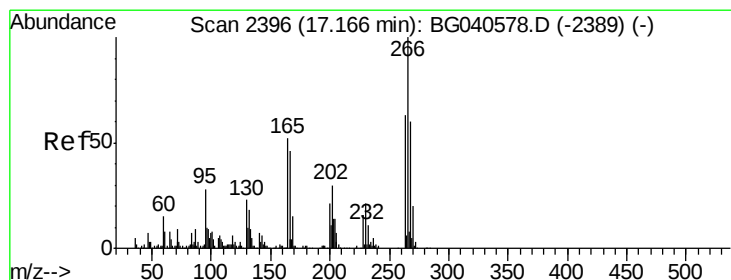
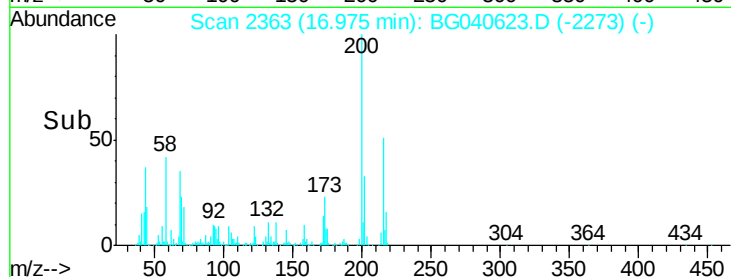
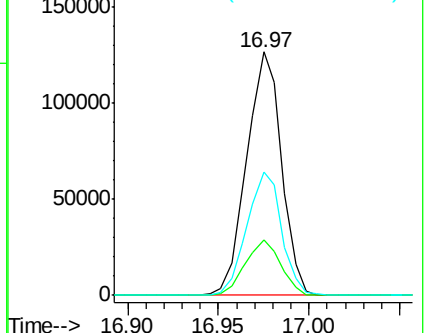
215 50.7 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.646 ng

RT: 17.17 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

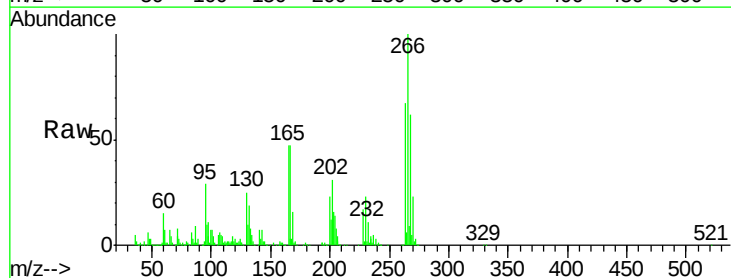
Tgt Ion:266 Resp: 221212

Ion Ratio Lower Upper

266 100

268 62.2 52.3 78.5

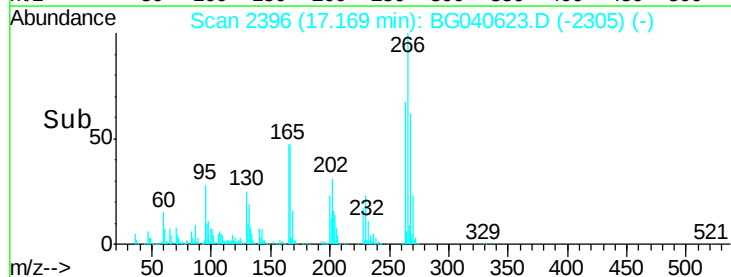
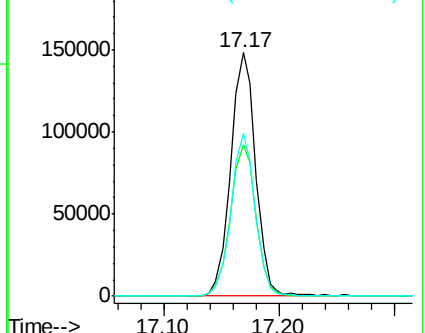
264 66.9 50.0 75.0

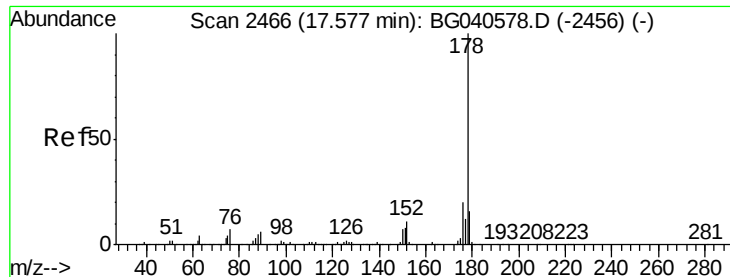


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

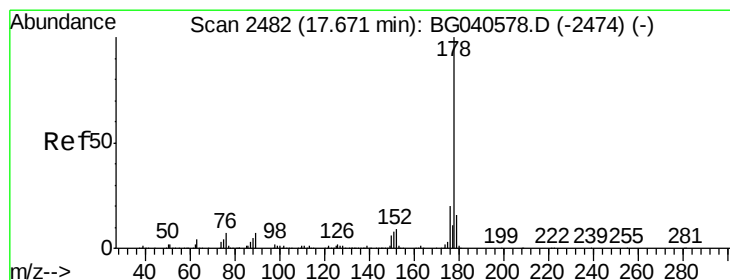
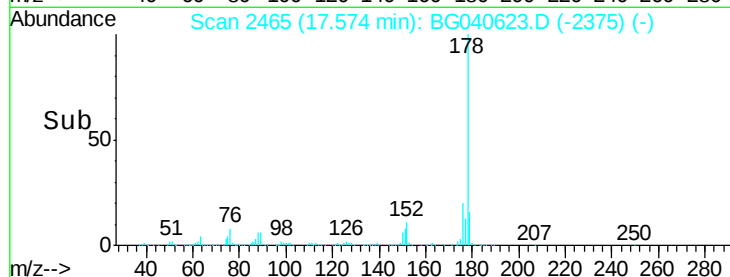
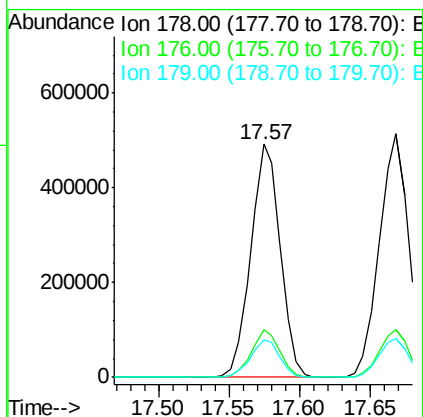
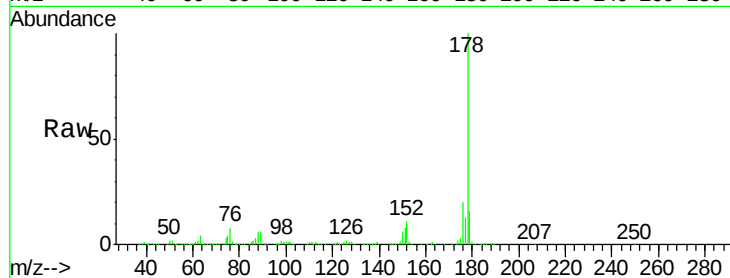




#71
Phenanthrene
Concen: 42.277 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

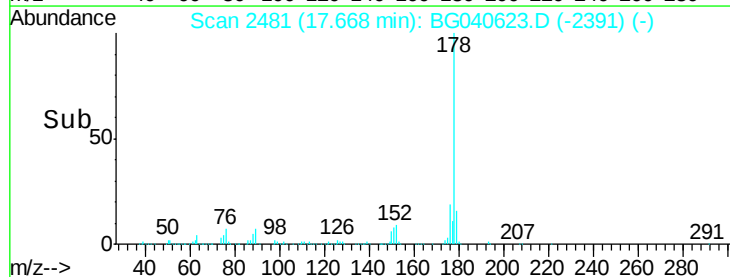
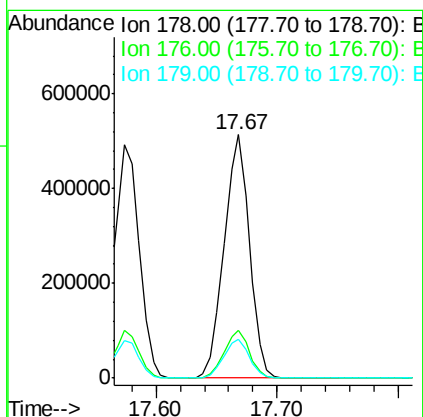
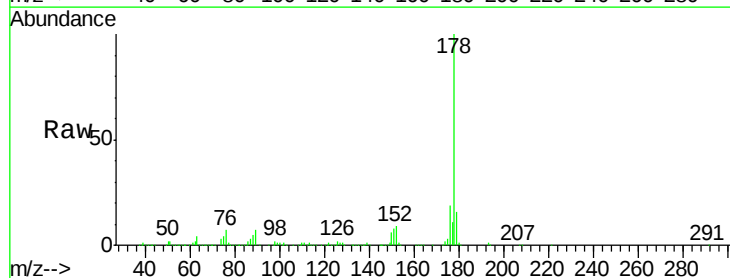
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.0	12.6	18.8



#72
Anthracene
Concen: 43.454 ng
RT: 17.67 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.8	12.9	19.3

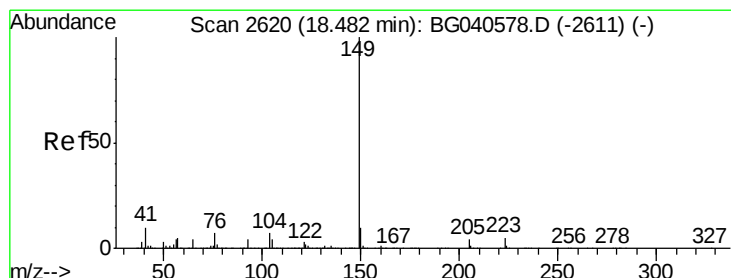
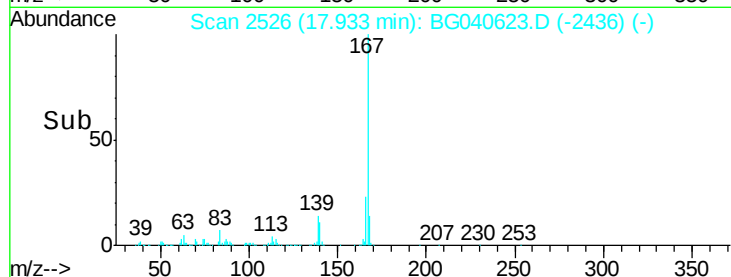
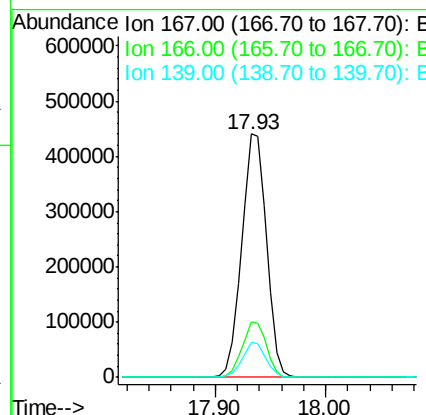
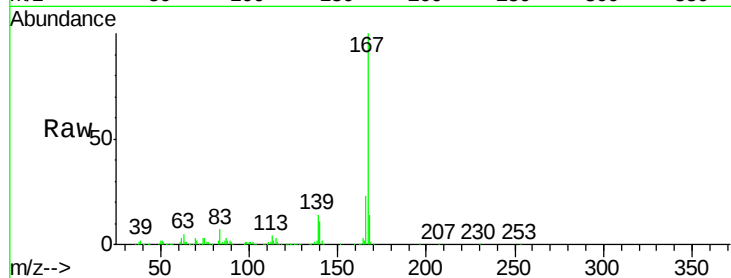




#73
 Carbazole
 Concen: 44.365 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

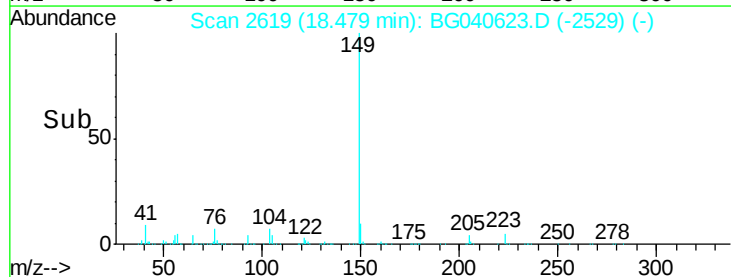
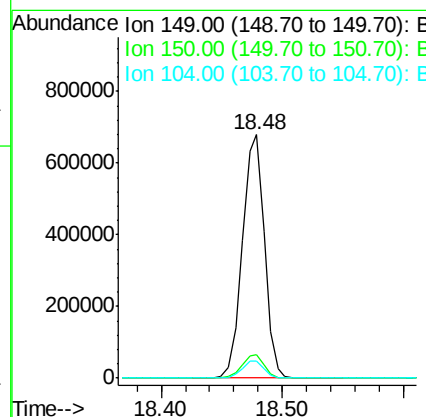
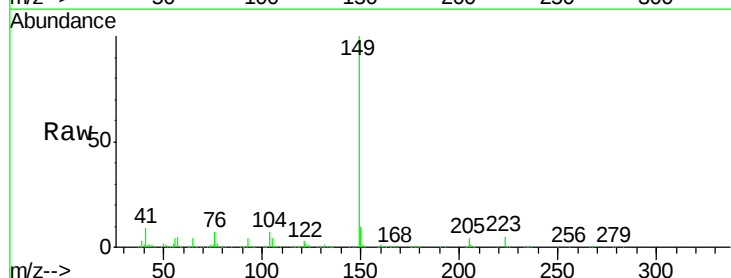
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	14.2	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 45.721 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BG040623.D
 Acq: 26 Apr 2019 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	6.8	5.4	8.2





#75

Fluoranthene

Concen: 47.498 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampled :

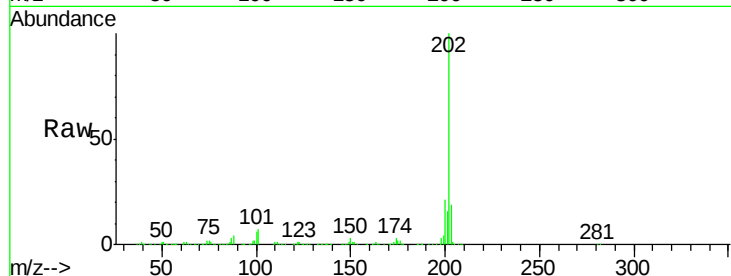
Tot Ion:202 Resp: 1009818

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.5

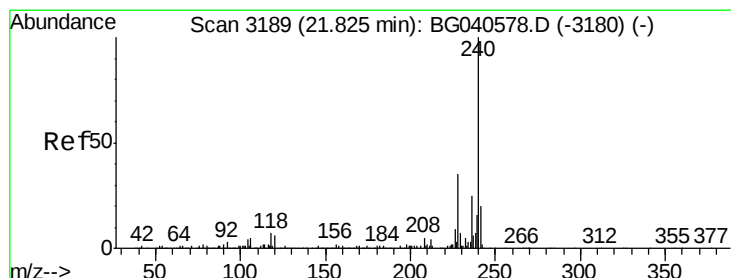
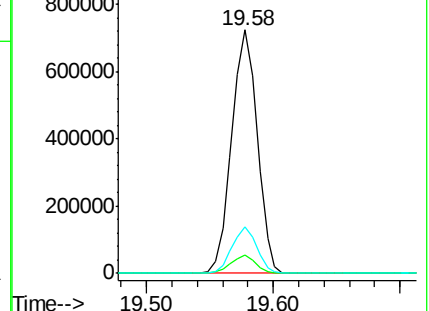
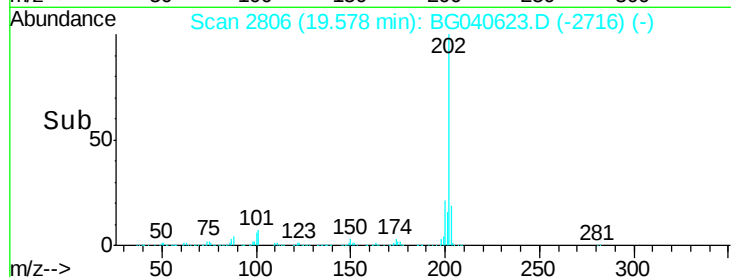
203 19.1 0.0 39.3



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: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

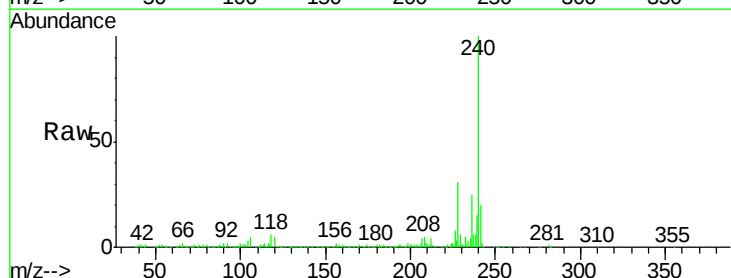
Tgt Ion:240 Resp: 387396

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

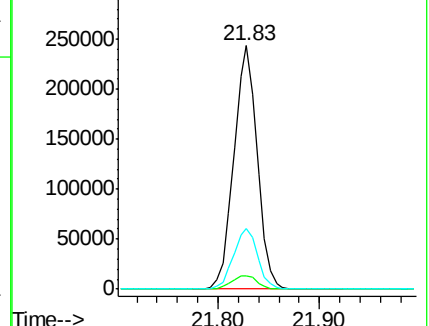
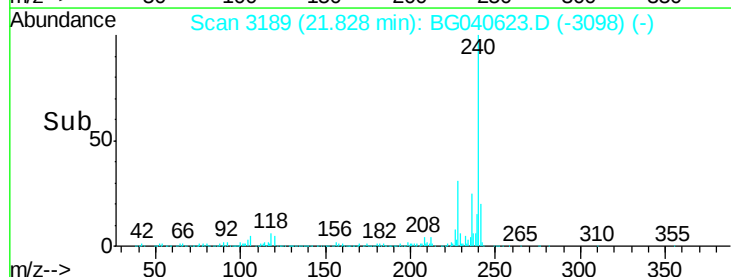
236 25.1 20.3 30.5



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: 34.648 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

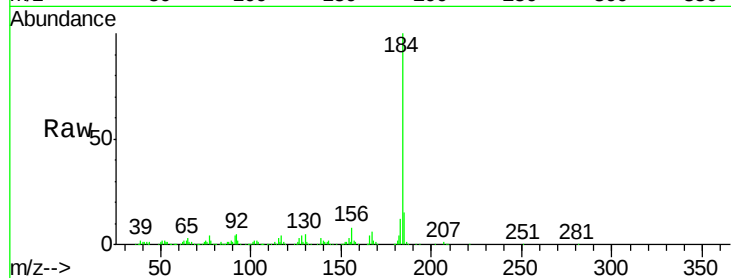
Tot Ion:184 Resp: 367510

Ion Ratio Lower Upper

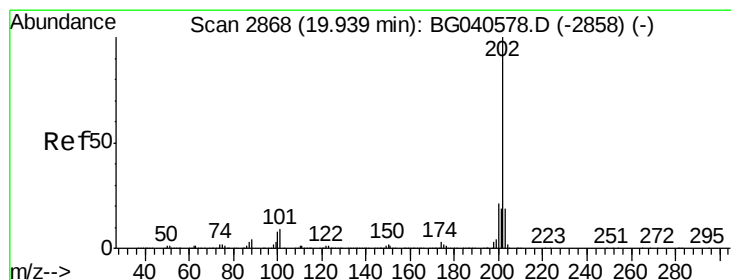
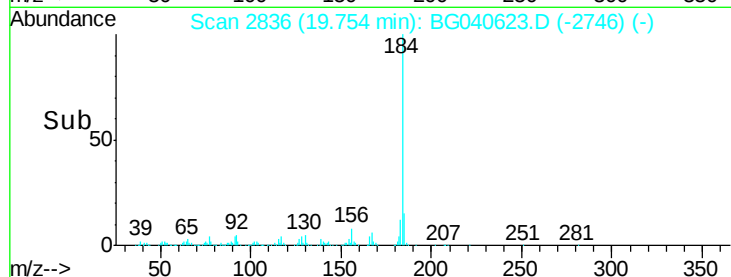
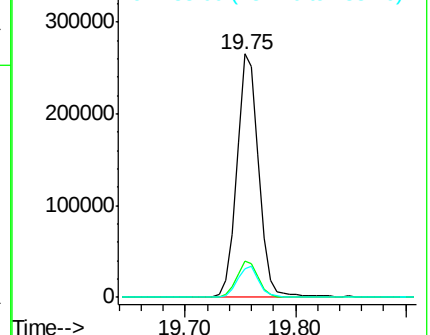
184 100

185 15.1 11.8 17.8

183 11.9 10.2 15.2



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



#78

Pyrene

Concen: 41.664 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

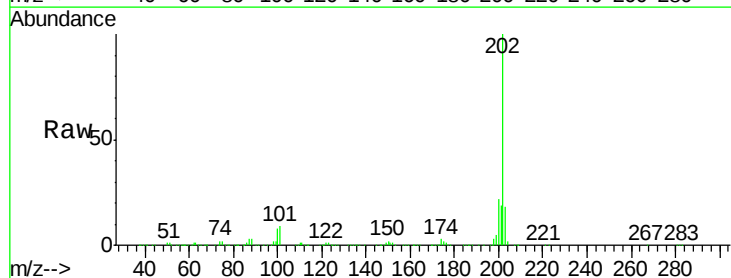
Tgt Ion:202 Resp: 1011605

Ion Ratio Lower Upper

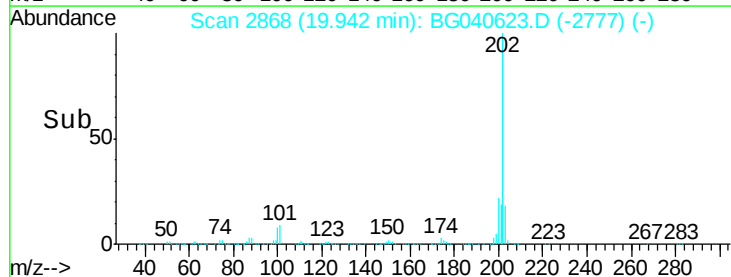
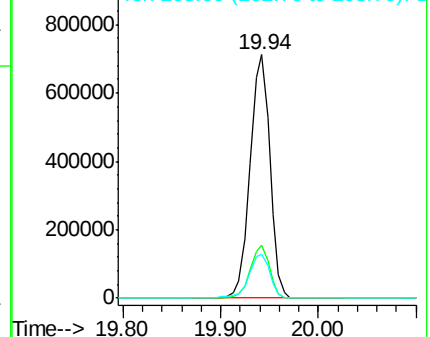
202 100

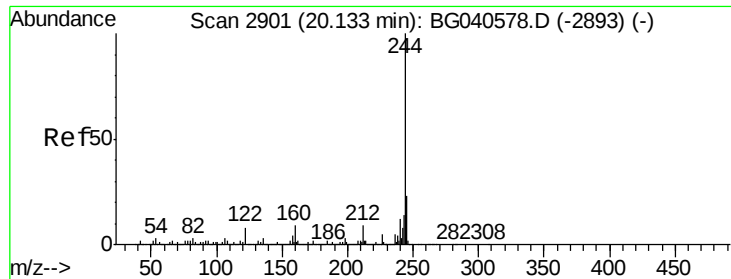
200 21.9 17.2 25.8

203 18.1 15.0 22.4



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





#79

Terphenyl-d14

Concen: 78.112 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

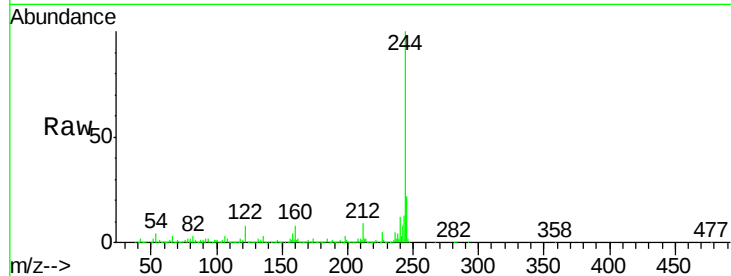
Tot Ion:244 Resp: 1365887

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	8.0	6.6	10.0

244 100

212 9.2 7.2 10.8

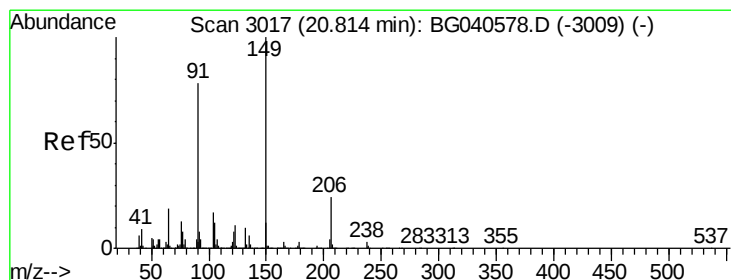
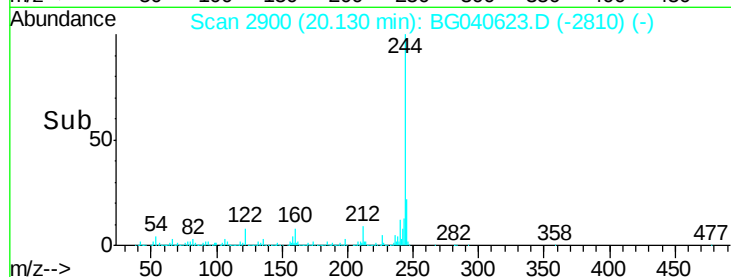
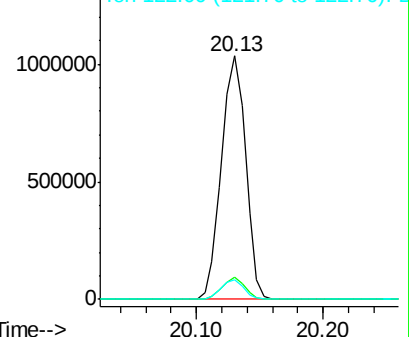
122 8.0 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.451 ng

RT: 20.82 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

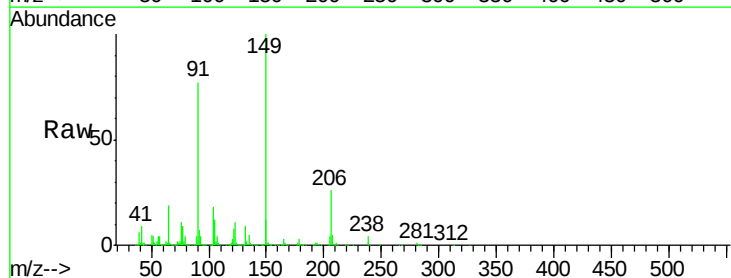
Tgt Ion:149 Resp: 411188

Ion	Ratio	Lower	Upper
149	100		
91	77.0	62.6	93.8
206	26.4	19.4	29.2

149 100

91 77.0 62.6 93.8

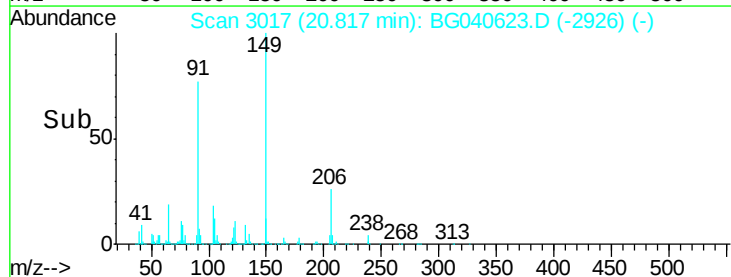
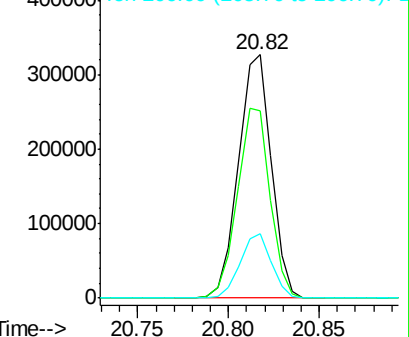
206 26.4 19.4 29.2

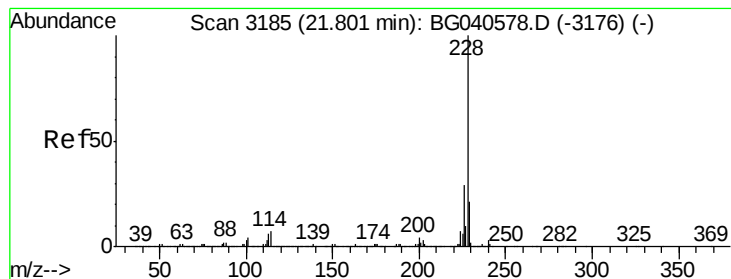


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.932 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

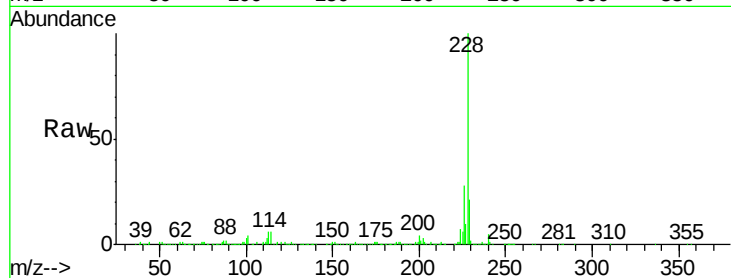
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 977677

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.1	34.7
229	20.7	17.0	25.4

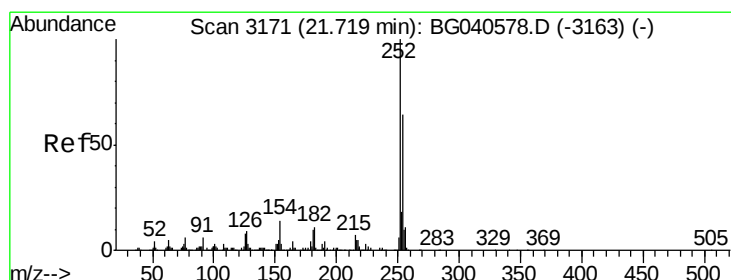
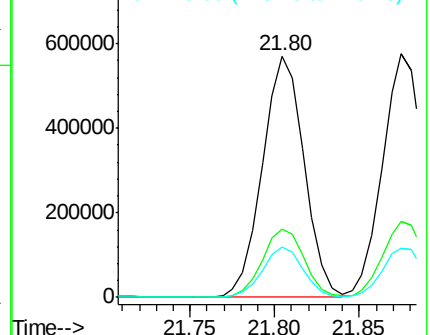
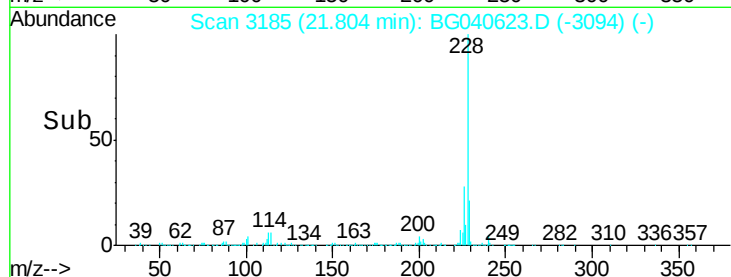


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.876 ng

RT: 21.72 min Scan# 3170

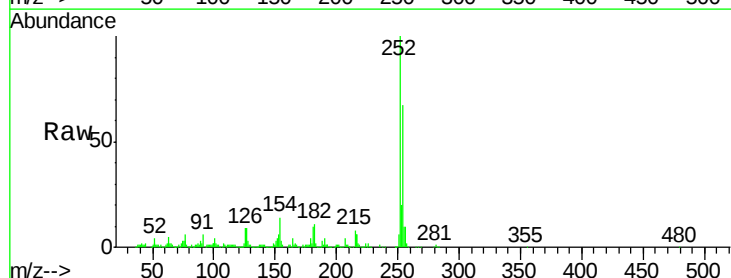
Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Tgt Ion:252 Resp: 251987

Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.2	76.8
126	9.1	6.6	10.0

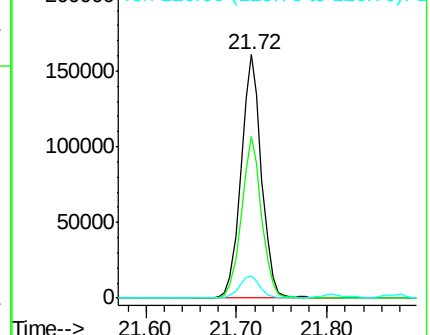
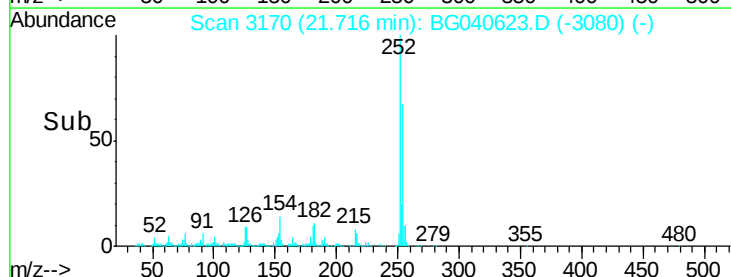


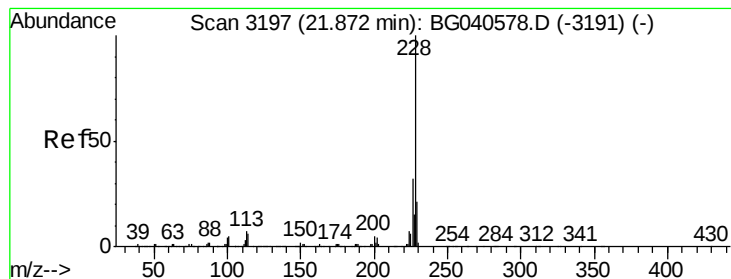
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.259 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

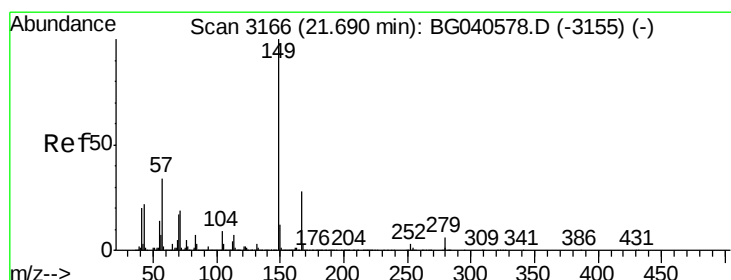
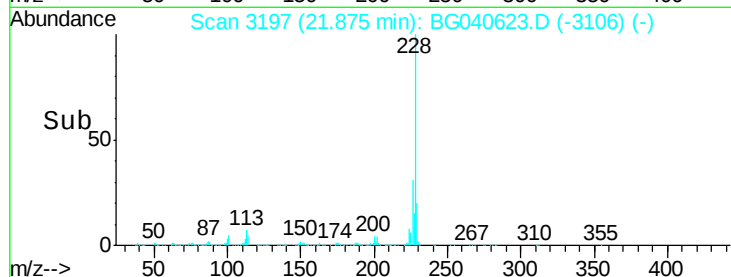
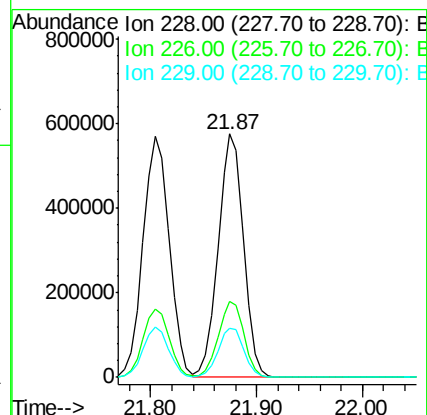
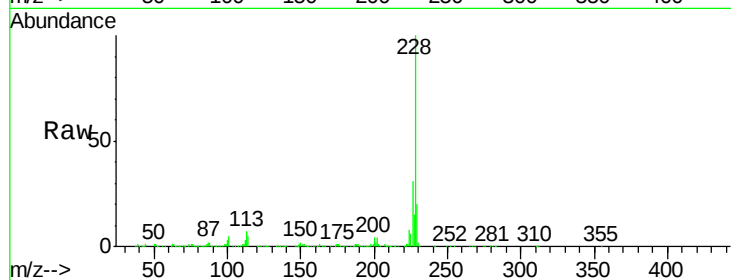
Tot Ion:228 Resp: 960717

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.1	16.8	25.2

228 100

226 31.4 25.5 38.3

229 20.1 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.540 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

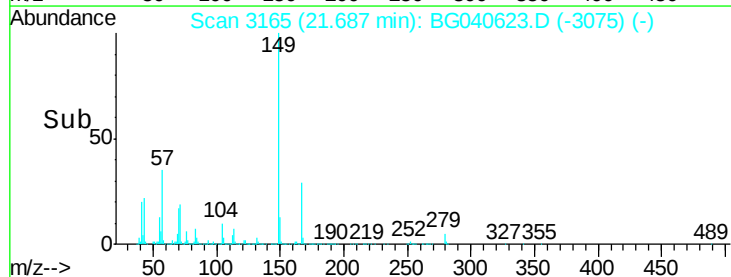
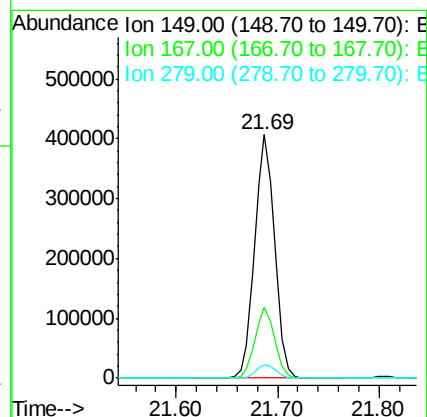
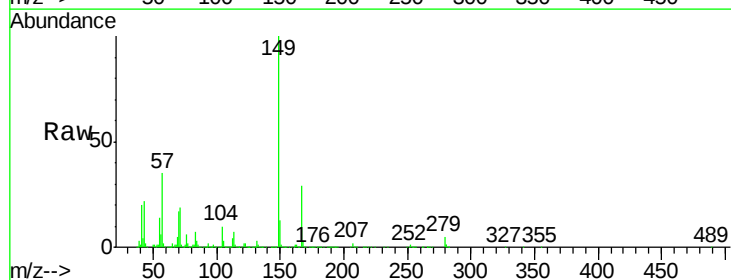
Tgt Ion:149 Resp: 553797

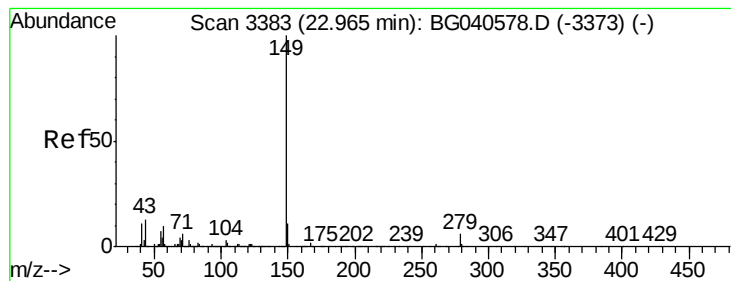
Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.4	33.6
279	5.4	4.6	6.8

149 100

167 28.9 22.4 33.6

279 5.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 41.326 ng

RT: 22.96 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

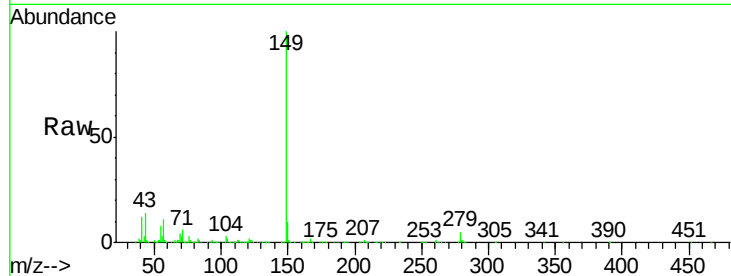
Tot Ion:149 Resp: 950751

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

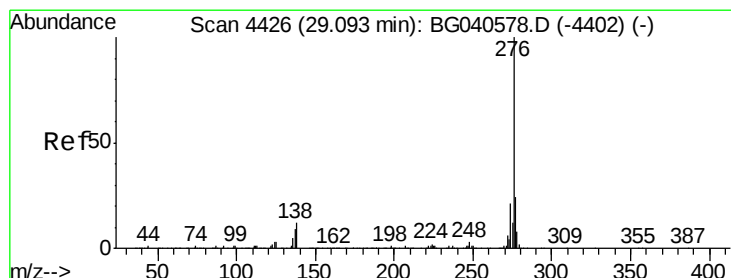
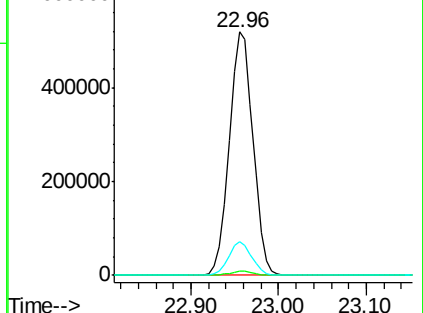
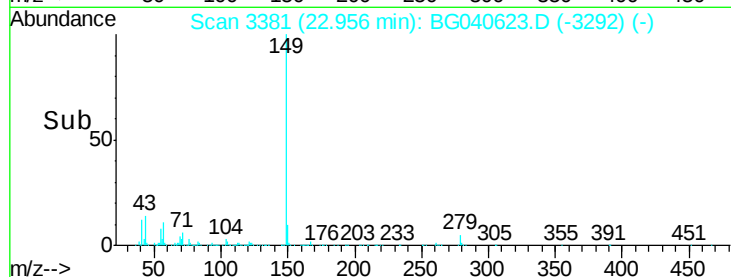
43 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.414 ng

RT: 29.10 min Scan# 4427

Delta R.T. 0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

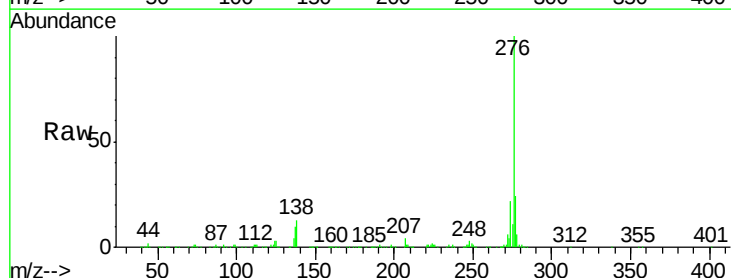
Tgt Ion:276 Resp: 1137742

Ion Ratio Lower Upper

276 100

138 9.4 9.8 14.6#

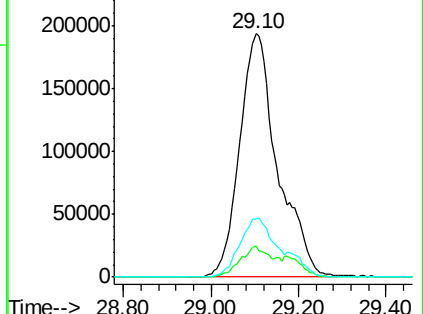
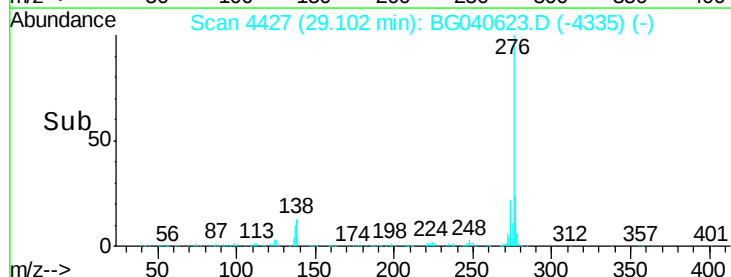
277 26.3 17.3 25.9#

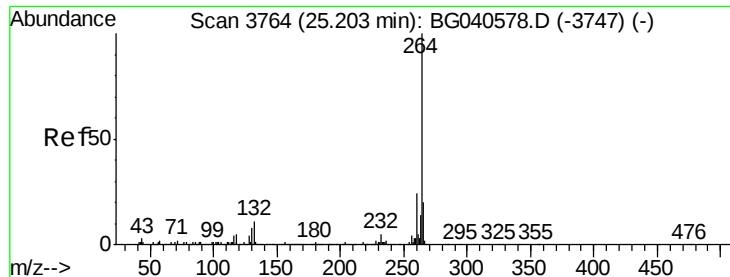


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampleId :

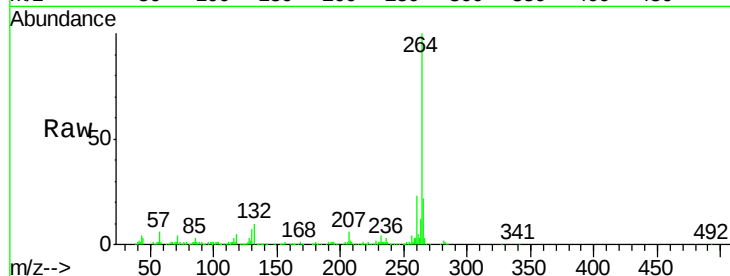
Tot Ion:264 Resp: 353379

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

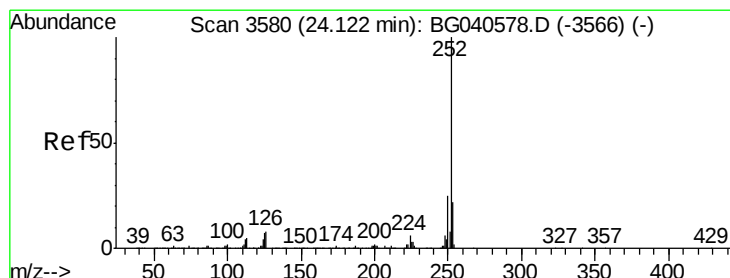
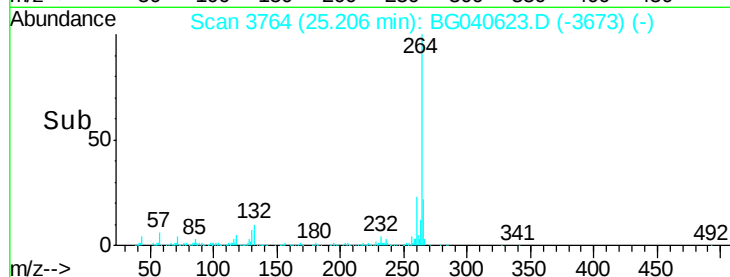
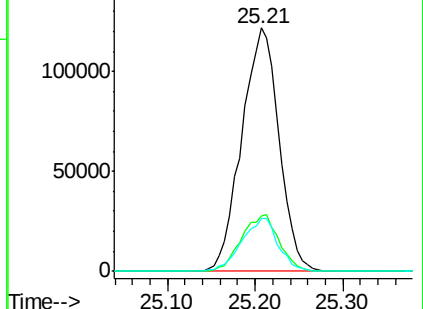
265 21.8 16.6 25.0



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: 45.492 ng

RT: 24.13 min Scan# 3580

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

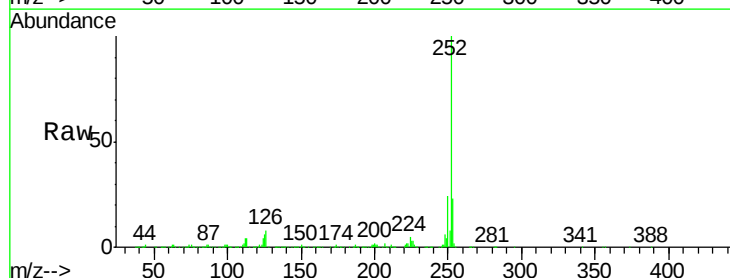
Tgt Ion:252 Resp: 982382

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

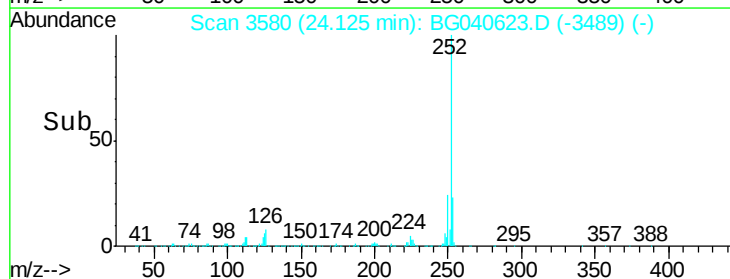
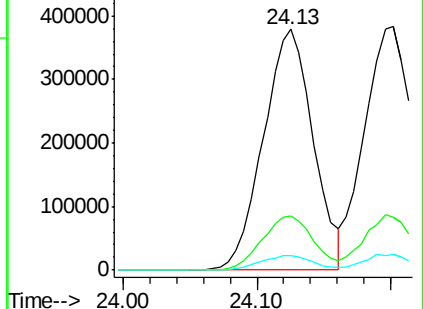
125 6.3 5.4 8.0

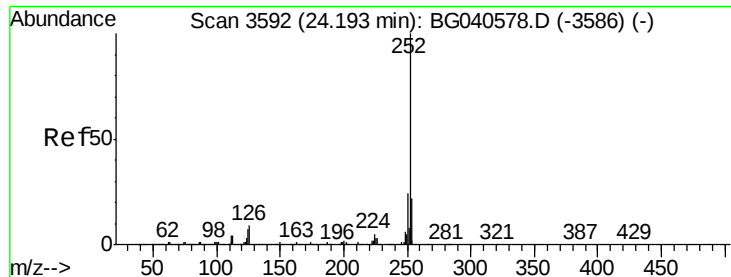


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.062 ng

RT: 24.20 min Scan# 3593

Delta R.T. 0.01 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

Instrument :

BNA_G

ClientSampled :

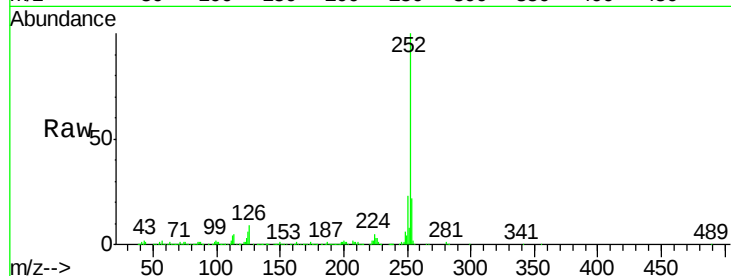
Tot Ion:252 Resp: 949108

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

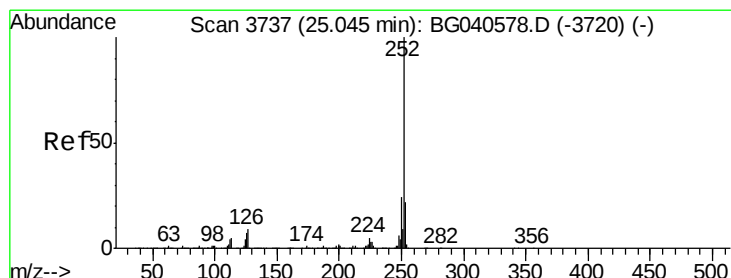
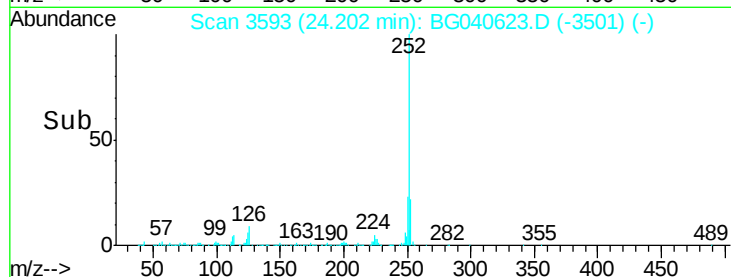
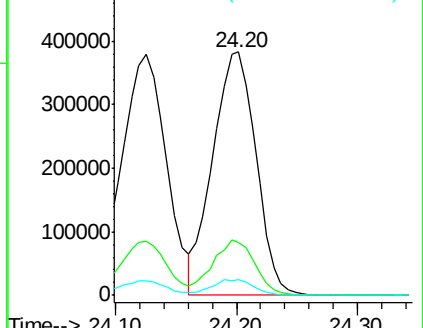
125 6.3 5.5 8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.025 ng

RT: 25.05 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG040623.D

Acq: 26 Apr 2019 11:10

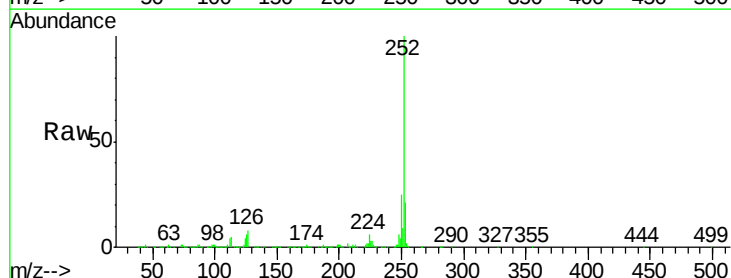
Tgt Ion:252 Resp: 961244

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.6

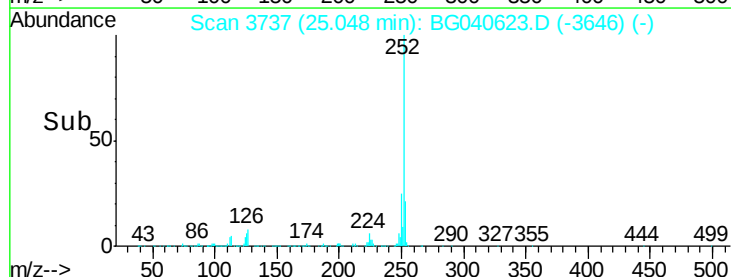
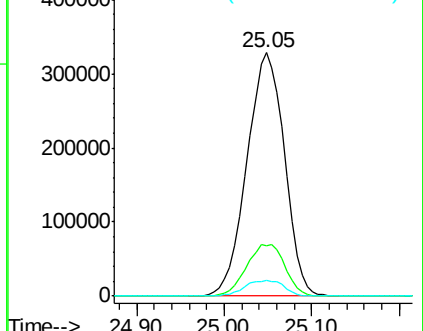
125 6.3 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

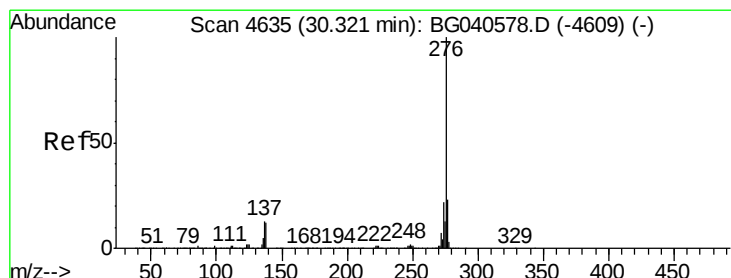
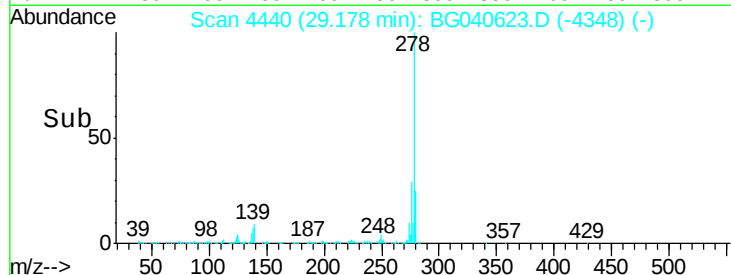
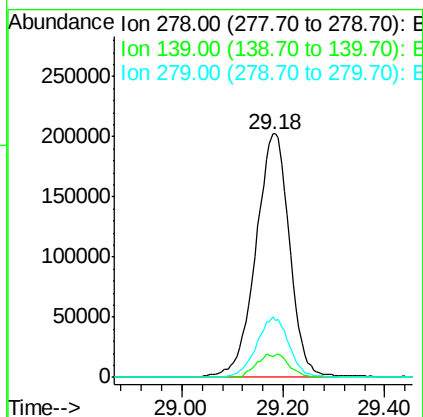
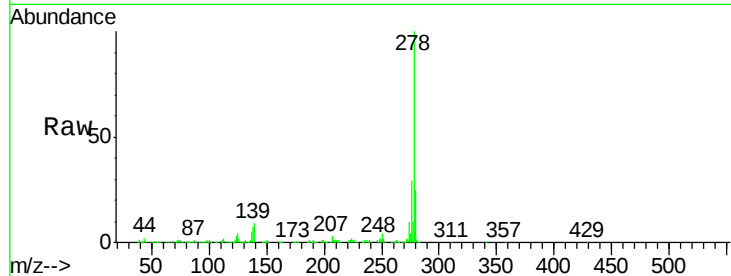




#91
Dibenzo(a,h)anthracene
Concen: 45.279 ng
RT: 29.18 min Scan# 4440
Delta R.T. 0.01 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 936624
Ion Ratio Lower Upper
278 100
139 8.8 8.2 12.4
279 24.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.302 ng
RT: 30.34 min Scan# 4637
Delta R.T. 0.01 min
Lab File: BG040623.D
Acq: 26 Apr 2019 11:10

Tgt Ion:276 Resp: 932635
Ion Ratio Lower Upper
276 100
277 23.6 18.4 27.6
138 12.8 9.8 14.6

