

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040614.D
 Acq On : 25 Apr 2019 17:23
 Operator : JU/SJ
 Sample : K2535-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 22:55:24 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	52397	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	225227	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	167311	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	429764	20.00	ng	0.00
76) Chrysene-d12	21.83	240	411403	20.00	ng	0.00
87) Perylene-d12	25.20	264	446012	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	217423	73.15	ng	0.00
7) Phenol-d6	7.29	99	219711	48.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	468446	96.10	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	322773	140.35	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	969246	83.66	ng	0.00
79) Terphenyl-d14	20.13	244	1789499	96.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	26528	19.624	ng	98
3) Pyridine	3.96	79	61019	15.573	ng	95
4) n-Nitrosodimethylamine	3.88	42	43306	19.926	ng	97
6) Aniline	7.48	93	97469	16.068	ng	98
8) 2-Chlorophenol	7.71	128	136758	37.680	ng	94
9) Benzaldehyde	7.30	77	53763	15.349	ng	93
10) Phenol	7.32	94	80789	16.421	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	158108	42.857	ng	96
12) 1,3-Dichlorobenzene	8.04	146	143572	36.242	ng	99
13) 1,4-Dichlorobenzene	8.19	146	143903	35.833	ng	97
14) 1,2-Dichlorobenzene	8.51	146	142332	36.751	ng	98
15) Benzyl Alcohol	8.39	79	149228	31.337	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	313065	42.623	ng	98
17) 2-Methylphenol	8.58	107	116279	33.398	ng	97
18) Hexachloroethane	9.25	117	57253	34.754	ng	93
19) n-Nitroso-di-n-propylamine	8.96	70	174803	42.429	ng	95
20) 3+4-Methylphenols	8.91	107	149065	30.734	ng	96
22) Acetophenone	8.99	105	289487	46.222	ng	# 97
24) Nitrobenzene	9.38	77	248336	47.750	ng	98
25) Isophorone	9.90	82	481565	44.352	ng	100
26) 2-Nitrophenol	10.09	139	90314	48.446	ng	94
27) 2,4-Dimethylphenol	10.13	122	166288	47.541	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	239607	43.985	ng	99
29) 2,4-Dichlorophenol	10.61	162	182313	45.847	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	168668	38.249	ng	96
31) Naphthalene	11.03	128	497009	41.536	ng	100
32) Benzoic acid	10.21	122	43576	18.198	ng	87
33) 4-Chloroaniline	11.14	127	48089	9.064	ng	96
34) Hexachlorobutadiene	11.30	225	112929	34.688	ng	92
35) Caprolactam	11.93	113	9462	6.027	ng	94
36) 4-Chloro-3-methylphenol	12.23	107	219578	43.772	ng	99
37) 2-Methylnaphthalene	12.62	142	386913	43.248	ng	98
38) 1-Methylnaphthalene	12.85	142	372560	42.604	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	249970	40.106	ng	99

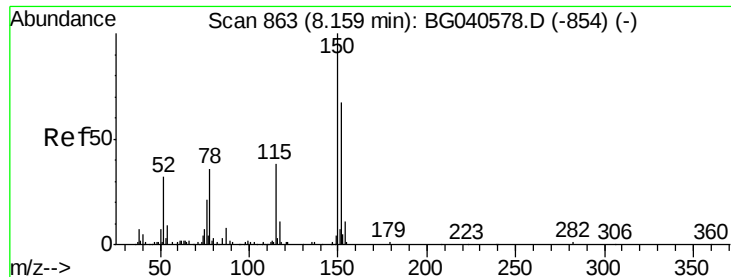
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040614.D
 Acq On : 25 Apr 2019 17:23
 Operator : JU/SJ
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	294191	79.990	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	179602	47.684	nq	96
44) 2,4,5-Trichlorophenol	13.29	196	186126	45.363	nq	100
46) 1,1'-Biphenyl	13.62	154	536348	41.289	nq	96
47) 2-Chloronaphthalene	13.67	162	419719	41.287	nq	98
48) 2-Nitroaniline	13.88	65	196153	54.205	nq	96
49) Acenaphthylene	14.52	152	710352	41.185	nq	100
50) Dimethylphthalate	14.24	163	643934	46.000	nq	99
51) 2,6-Dinitrotoluene	14.36	165	135149	49.467	nq	98
52) Acenaphthene	14.85	154	432636	43.072	nq	95
53) 3-Nitroaniline	14.69	138	33831	12.085	nq	99
54) 2,4-Dinitrophenol	14.90	184	153930	98.153	nq	# 79
55) Dibenzofuran	15.19	168	721982	43.884	nq	98
56) 4-Nitrophenol	14.97	139	92045	37.920	nq	98
57) 2,4-Dinitrotoluene	15.14	165	194223	52.316	nq	# 95
58) Fluorene	15.83	166	584321	43.942	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	204046	49.408	nq	98
60) Diethylphthalate	15.59	149	676123	45.778	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	342910	44.338	nq	98
62) 4-Nitroaniline	15.86	138	137612	43.946	nq	96
63) Azobenzene	16.11	77	683536	44.938	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	106197	49.832	nq	96
66) n-Nitrosodiphenylamine	16.04	169	554616	43.864	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	230509	43.052	nq	99
68) Hexachlorobenzene	16.83	284	236264	42.675	nq	98
69) Atrazine	16.98	200	231547	46.221	nq	97
70) Pentachlorophenol	17.17	266	301727	93.135	nq	100
71) Phenanthrene	17.58	178	1007728	43.534	nq	98
72) Anthracene	17.67	178	1034112	44.444	nq	98
73) Carbazole	17.94	167	932929	44.009	nq	99
74) Di-n-butylphthalate	18.48	149	1128010	44.086	nq	99
75) Fluoranthene	19.57	202	1276006	44.234	nq	99
77) Benzidine	19.76	184	369832	32.832	nq	98
78) Pyrene	19.94	202	1277949	49.562	nq	97
80) Butylbenzylphthalate	20.81	149	520158	51.758	nq	99
81) Benzo(a)anthracene	21.80	228	1234424	47.476	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	174220	18.799	nq	99
83) Chrysene	21.87	228	1202448	48.628	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	721102	49.707	nq	98
85) Di-n-octyl phthalate	22.95	149	1213665	49.676	nq	98
86) Indeno(1,2,3-cd)pyrene	29.10	276	1490740	49.863	nq	# 93
88) Benzo(b)fluoranthene	24.12	252	1280215	46.971	nq	99
89) Benzo(k)fluoranthene	24.19	252	1208613	47.483	nq	98
90) Benzo(a)pyrene	25.04	252	1243454	48.197	nq	98
91) Dibenzo(a,h)anthracene	29.17	278	1217997	46.652	nq	97
92) Benzo(g,h,i)perylene	30.32	276	1207472	46.470	nq	99

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

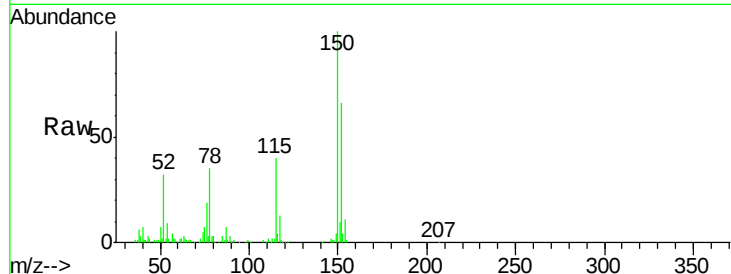


#1

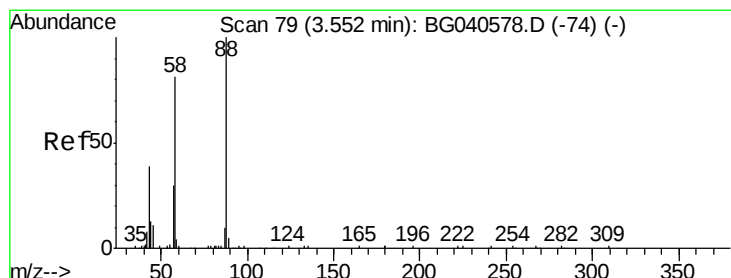
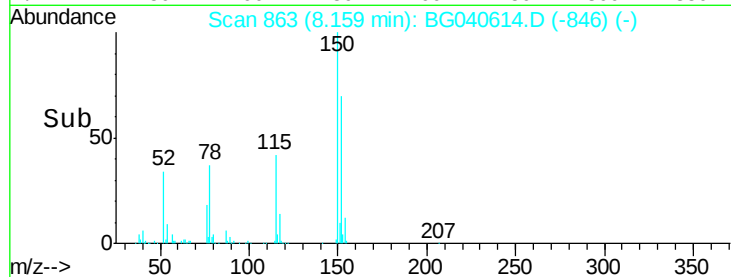
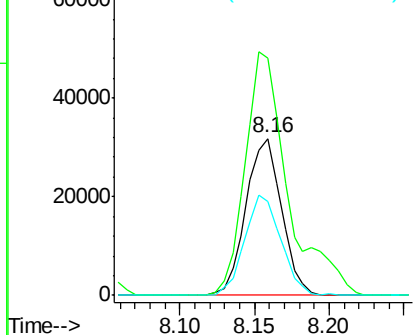
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	120.2	180.2
115	60.1	46.2	69.2



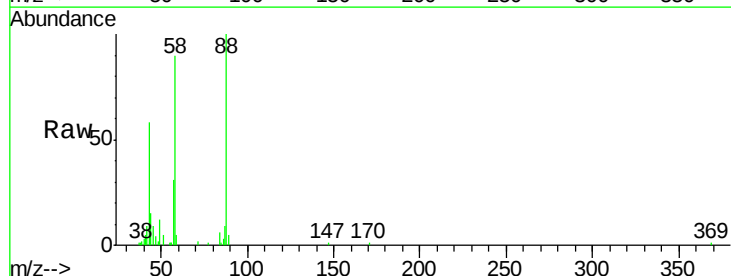
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



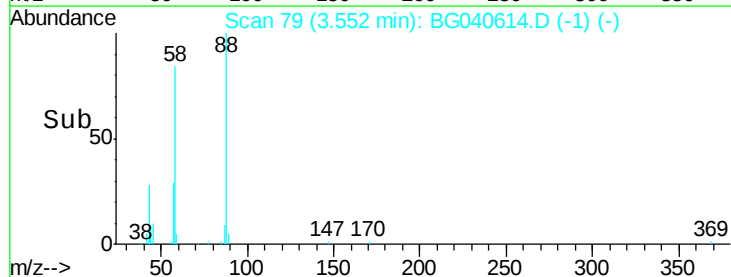
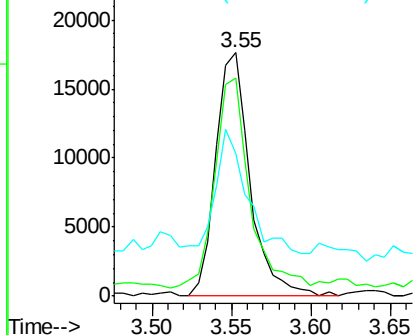
#2

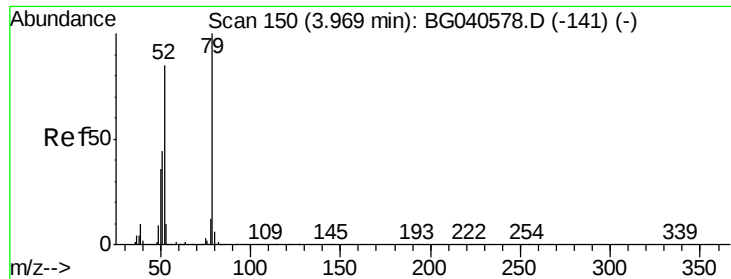
1,4-Dioxane
Concen: 19.624 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	71.2	106.8
43	45.3	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: 15.573 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

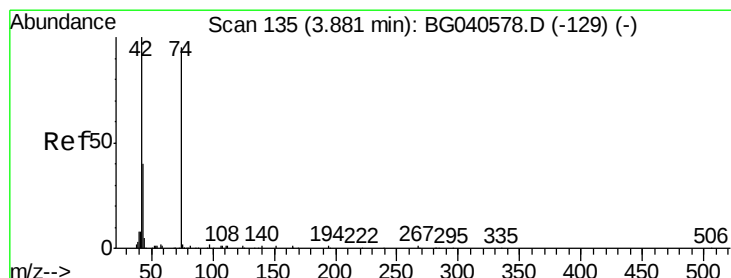
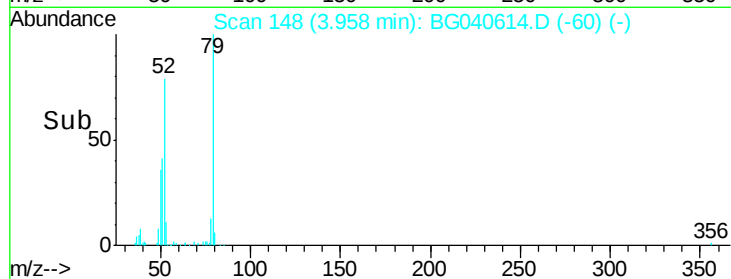
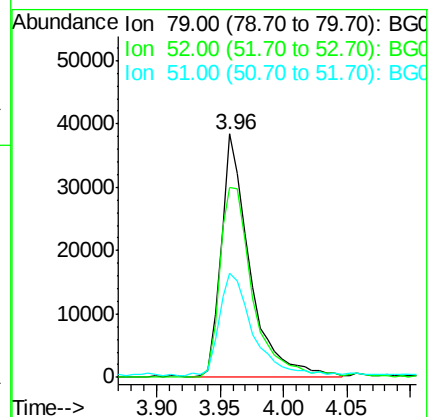
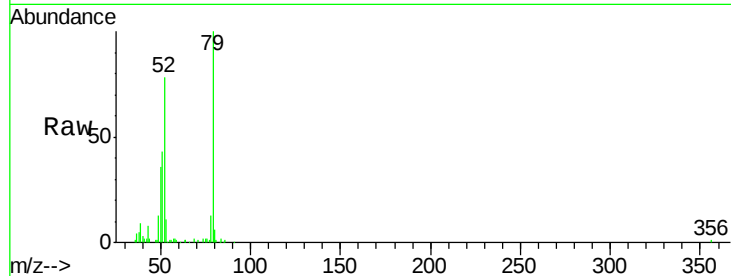
Tot Ion: 79 Resp: 61019

Ion Ratio Lower Upper

79 100

52 78.2 67.5 101.3

51 42.6 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 19.926 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

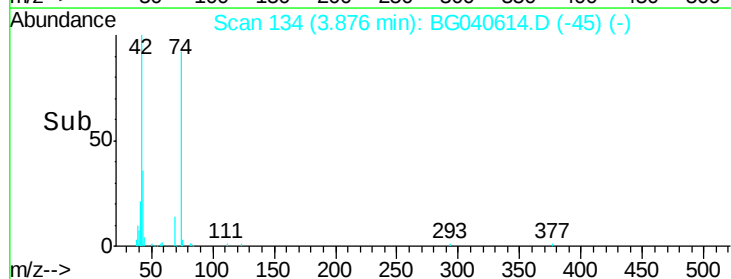
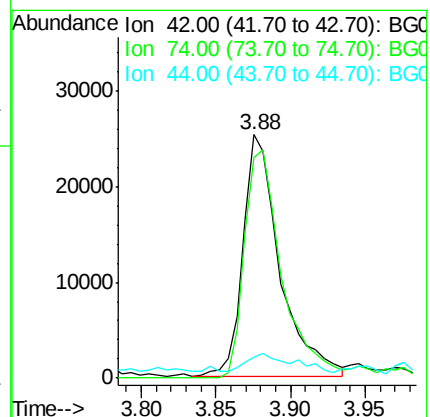
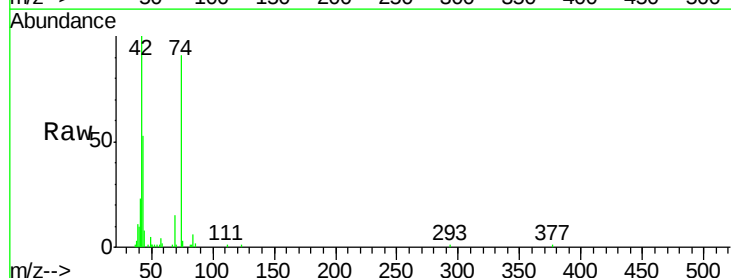
Tgt Ion: 42 Resp: 43306

Ion Ratio Lower Upper

42 100

74 90.6 74.6 111.8

44 8.5 7.4 11.0





#5

2-Fluorophenol

Concen: 73.146 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

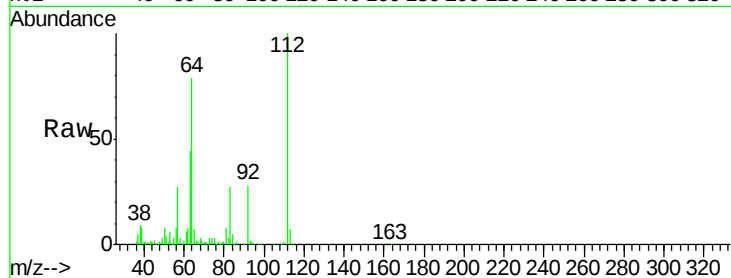
Tot Ion:112 Resp: 217423

Ion Ratio Lower Upper

112 100

64 79.0 61.4 92.0

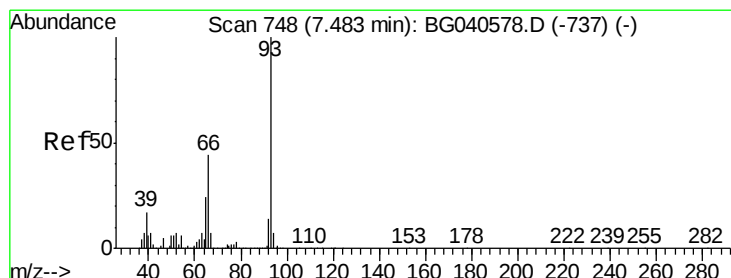
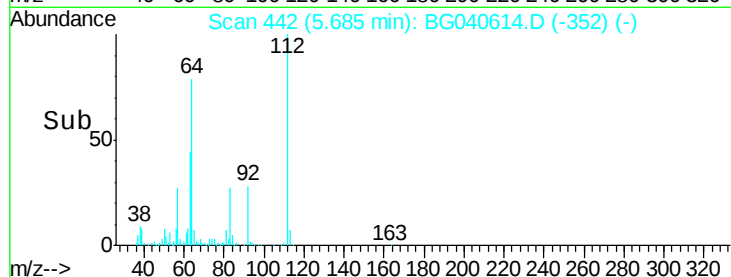
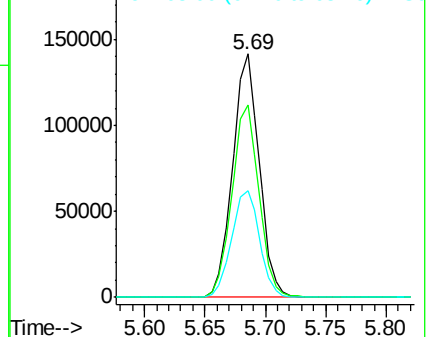
63 44.0 37.8 56.6



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: 16.068 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

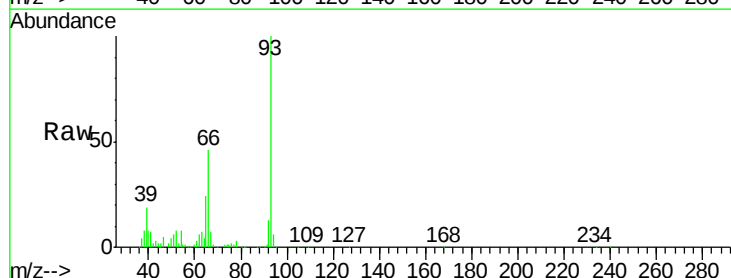
Tgt Ion: 93 Resp: 97469

Ion Ratio Lower Upper

93 100

66 46.3 35.5 53.3

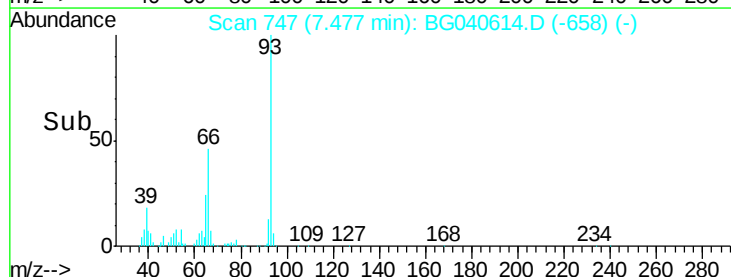
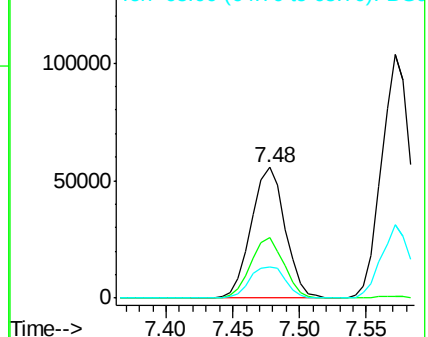
65 24.3 19.2 28.8



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: 48.006 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

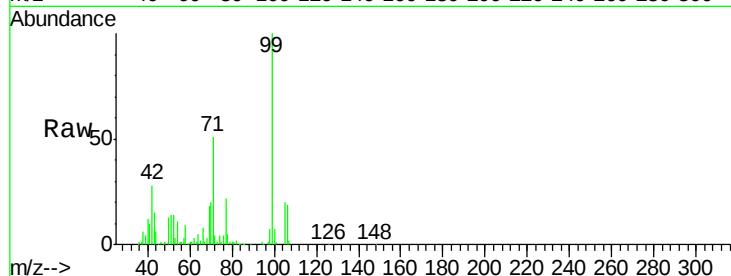
Tot Ion: 99 Resp: 219711

Ion Ratio Lower Upper

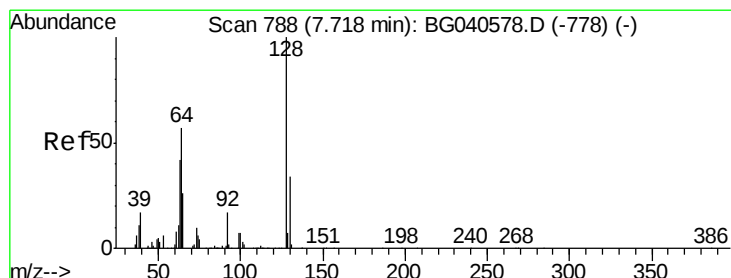
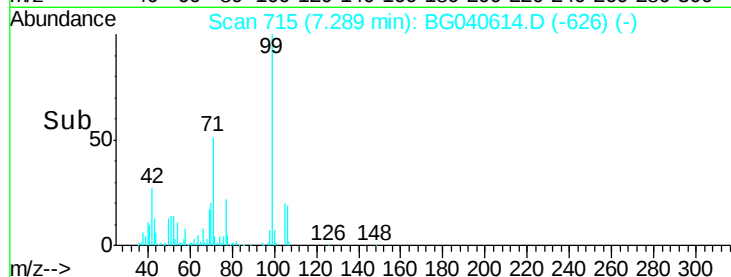
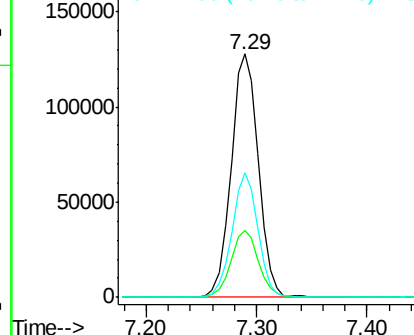
99 100

42 27.5 21.8 32.8

71 50.9 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: 37.680 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

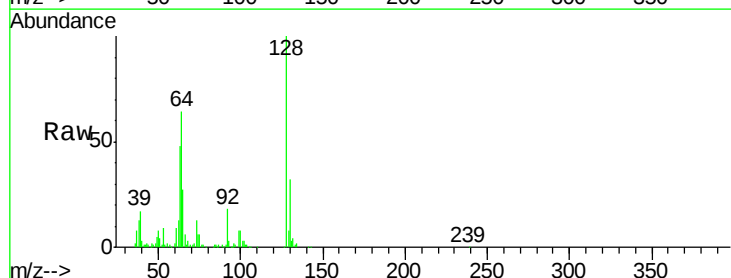
Tgt Ion: 128 Resp: 136758

Ion Ratio Lower Upper

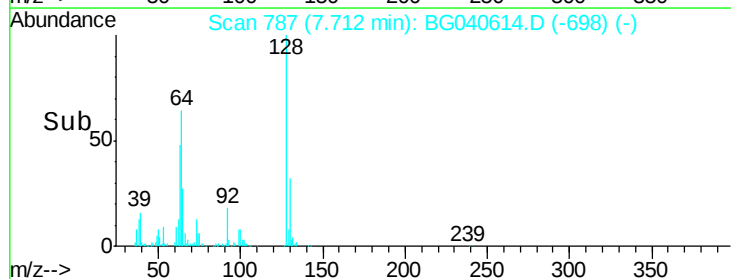
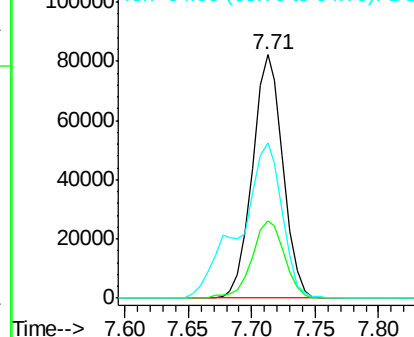
128 100

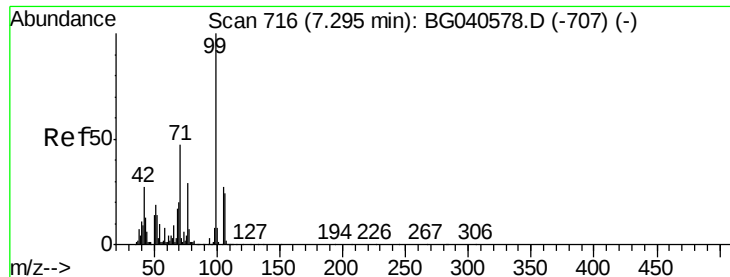
130 31.9 14.5 54.5

64 63.9 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: 15.349 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampled :

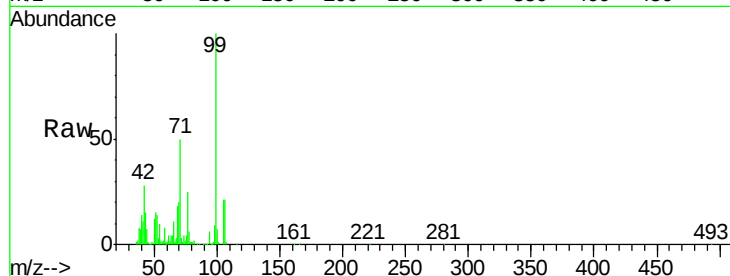
Tot Ion: 77 Resp: 53763

Ion Ratio Lower Upper

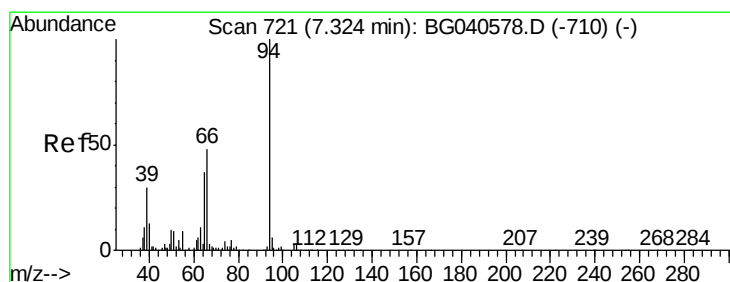
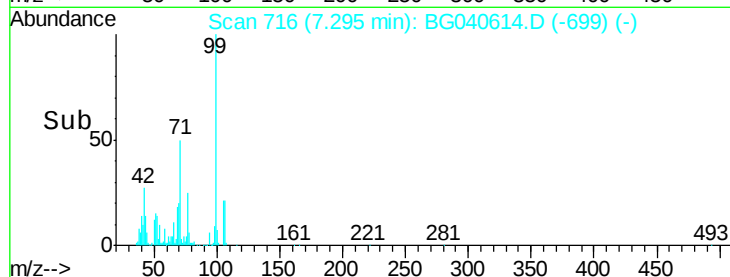
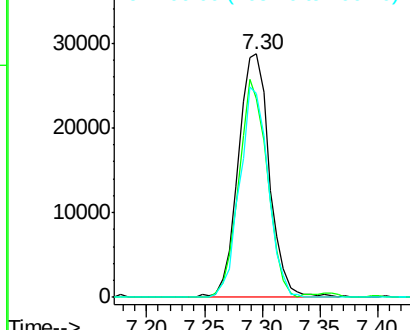
77 100

105 81.4 72.0 112.0

106 83.7 61.2 101.2



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



#10

Phenol

Concen: 16.421 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

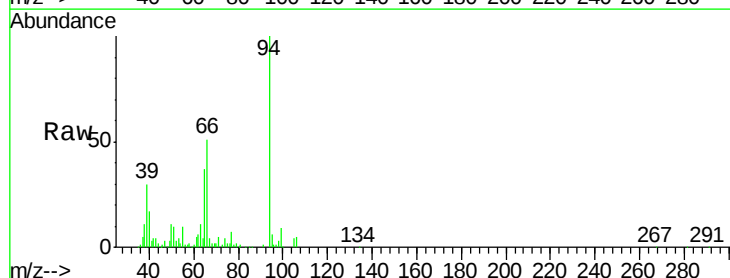
Tgt Ion: 94 Resp: 80789

Ion Ratio Lower Upper

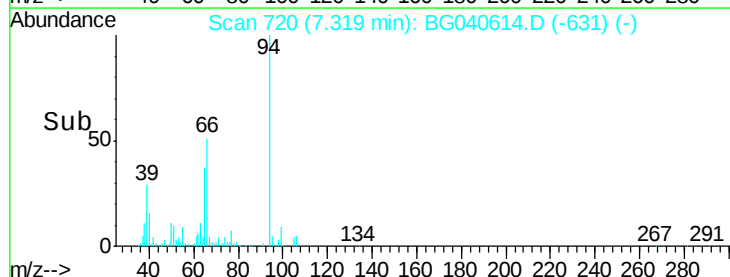
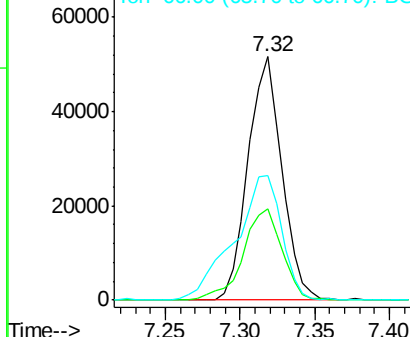
94 100

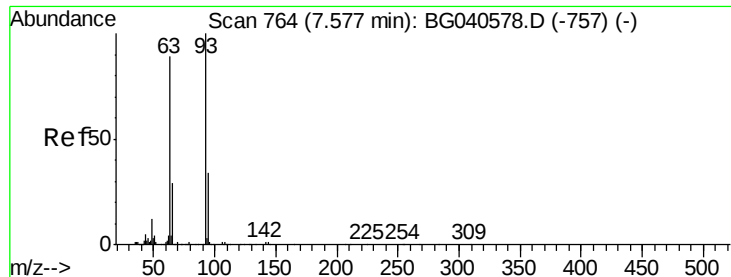
65 37.4 17.0 57.0

66 51.1 28.6 68.6



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

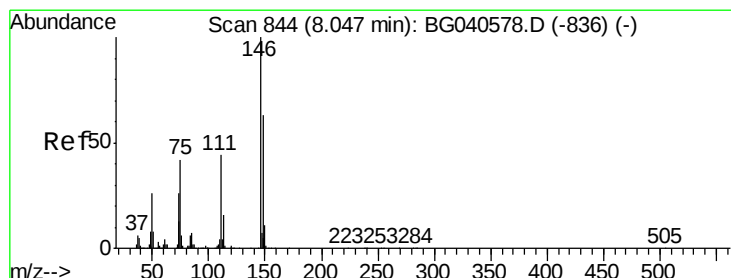
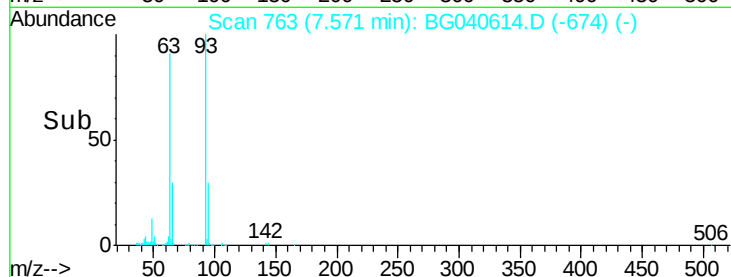
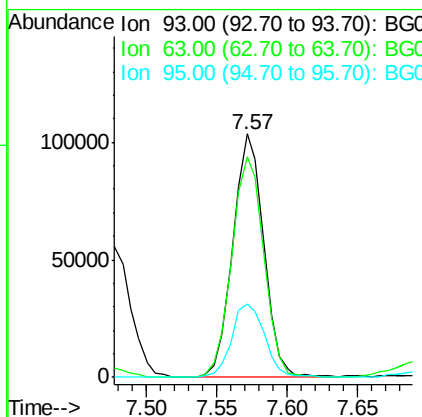
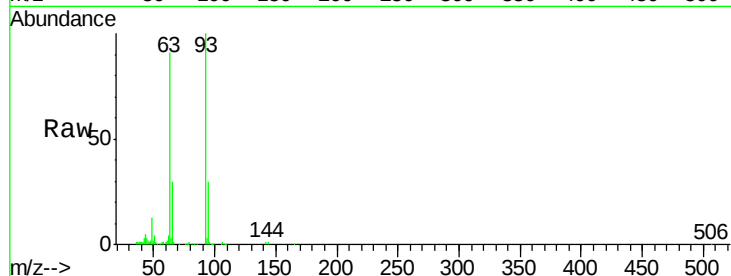




#11
 bis(2-Chloroethyl)ether
 Concen: 42.857 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

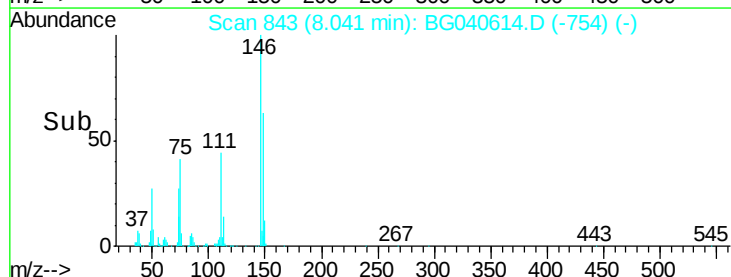
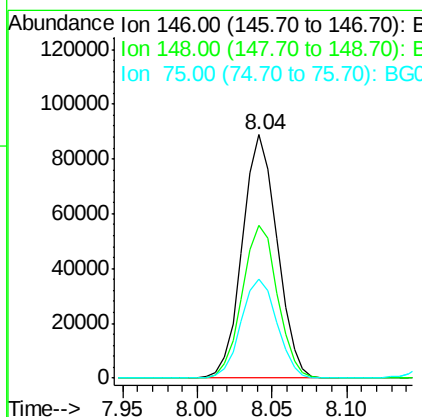
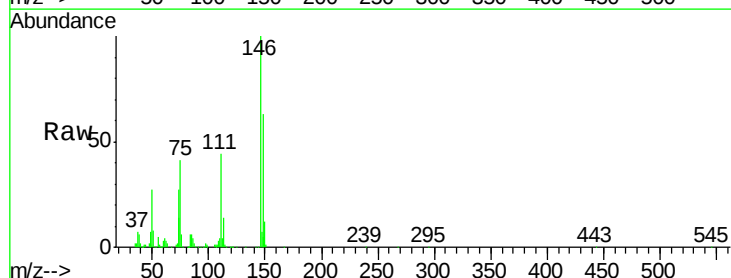
Instrument :
 BNA_G
 ClientSampleId :

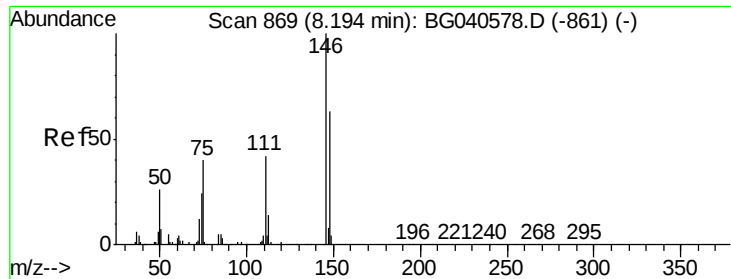
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.5	68.2	108.2
95	30.1	14.3	54.3



#12
 1,3-Dichlorobenzene
 Concen: 36.242 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
75	40.8	33.4	50.2

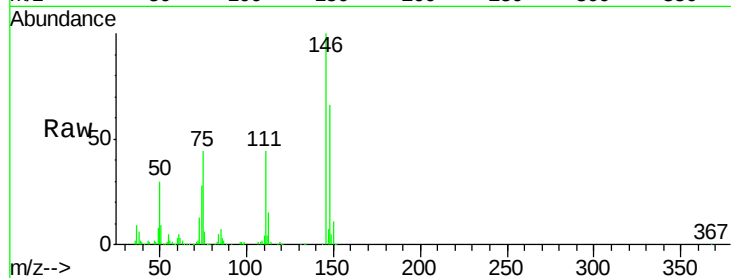




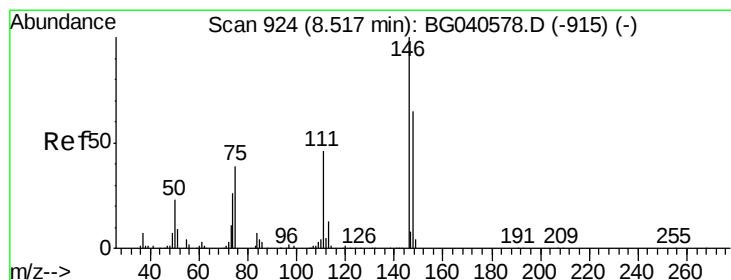
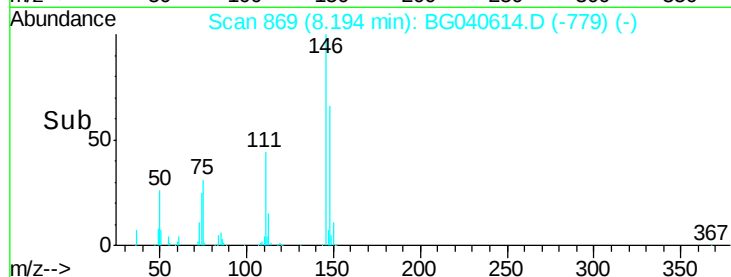
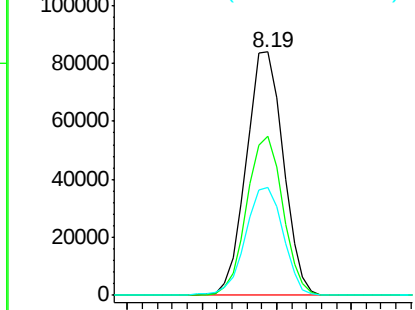
#13
 1,4-Dichlorobenzene
 Concen: 35.833 ng
 RT: 8.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 143903
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 75.8
 111 44.3 34.3 51.5

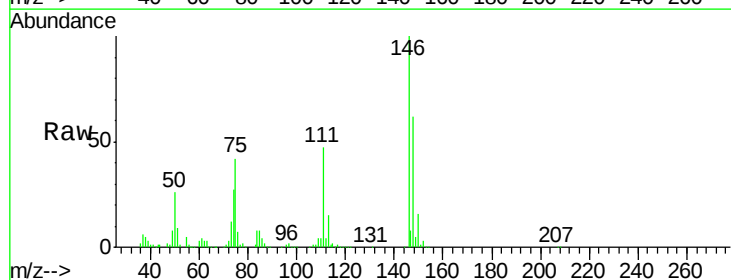


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

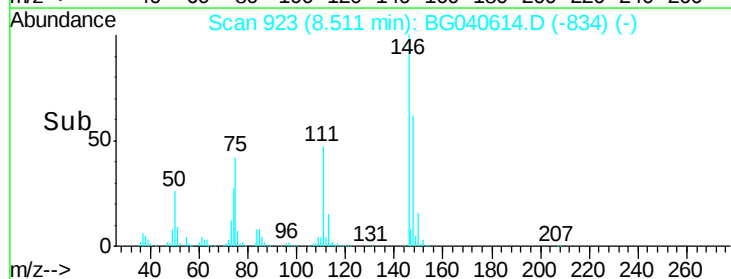
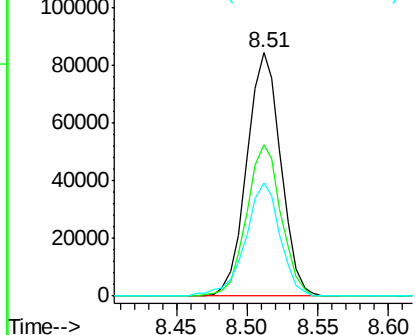


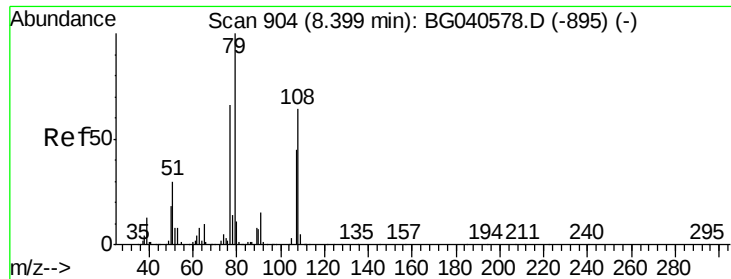
#14
 1,2-Dichlorobenzene
 Concen: 36.751 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion:146 Resp: 142332
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.2 78.4
 111 46.6 37.4 56.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.337 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampled :

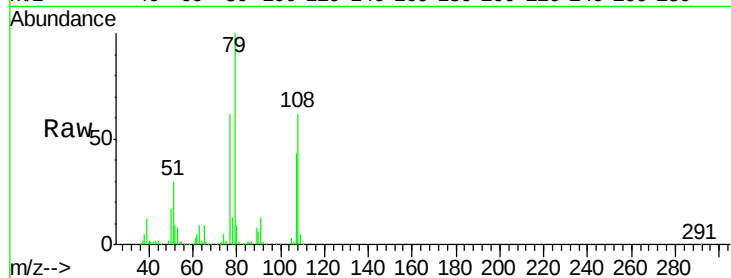
Tot Ion: 79 Resp: 149228

Ion Ratio Lower Upper

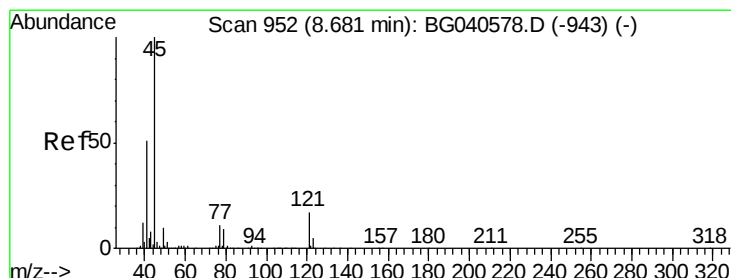
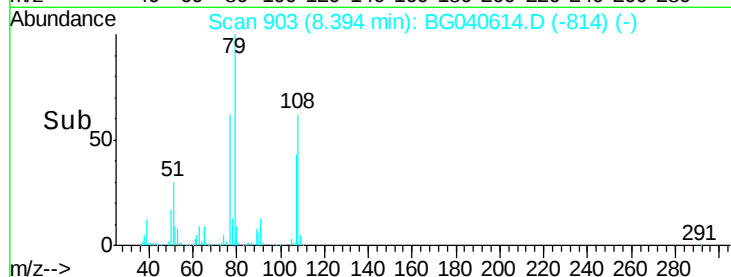
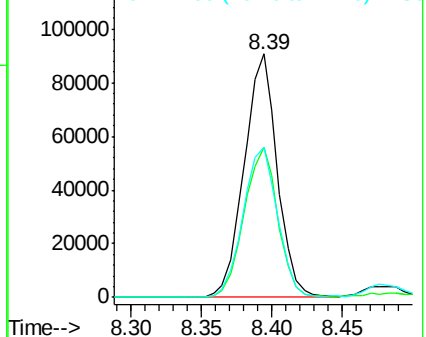
79 100

108 61.9 51.4 77.0

77 61.6 52.6 79.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.623 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

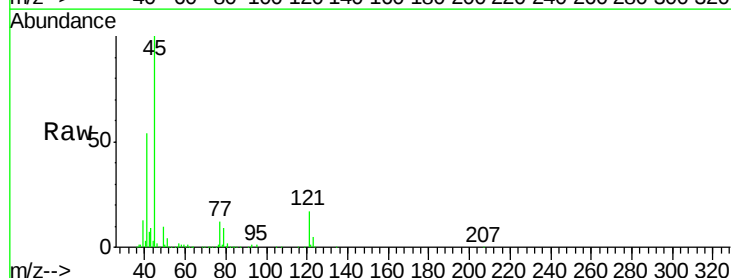
Tgt Ion: 45 Resp: 313065

Ion Ratio Lower Upper

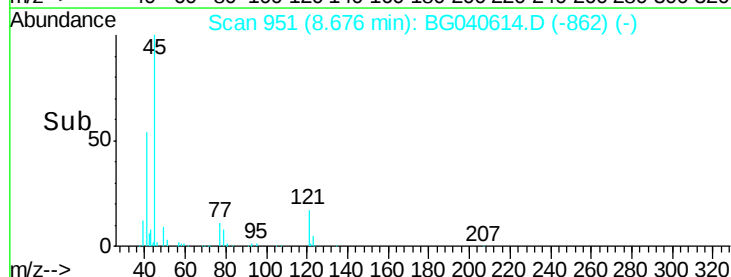
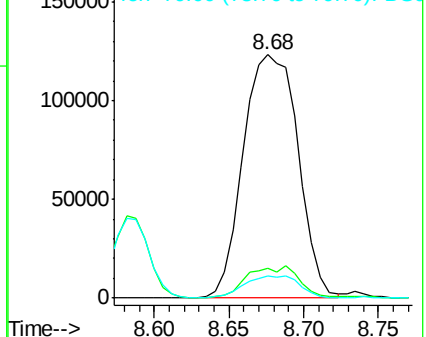
45 100

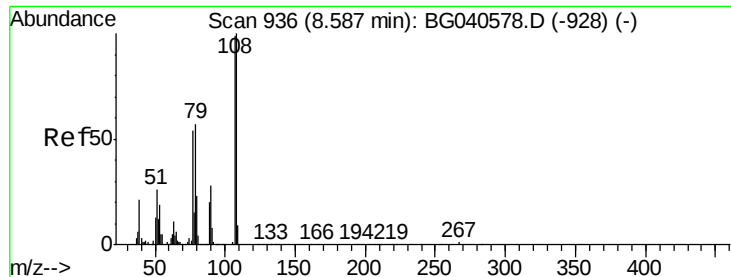
77 12.3 0.0 31.5

79 9.0 0.0 29.4



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





#17

2-Methylphenol

Concen: 33.398 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 116279

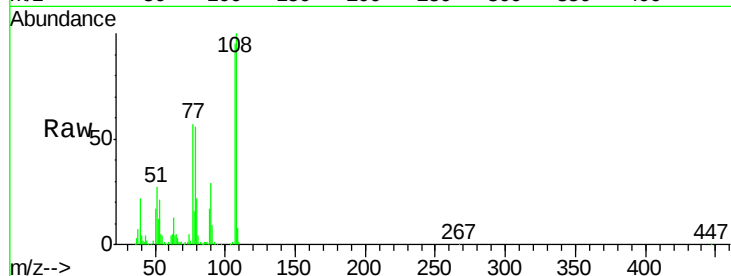
Ion Ratio Lower Upper

107 100

108 104.8 81.2 121.8

77 60.2 44.4 66.6

79 58.6 47.0 70.4

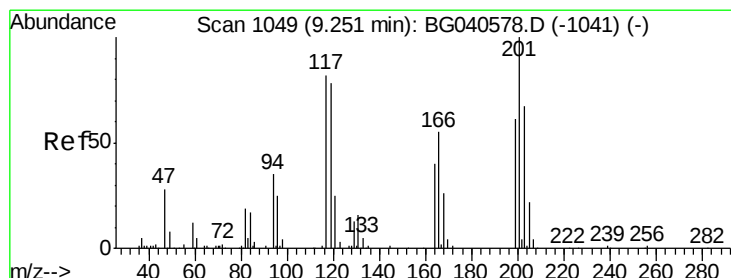
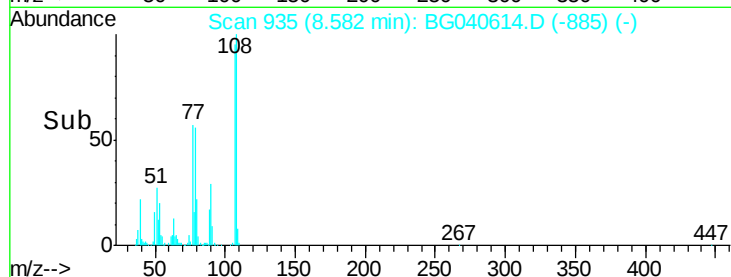
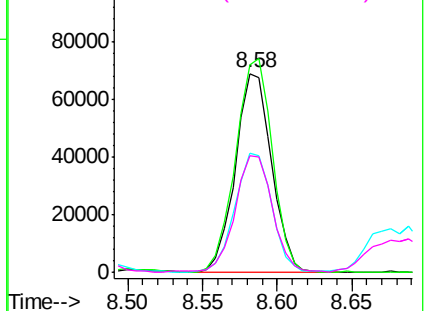


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.754 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

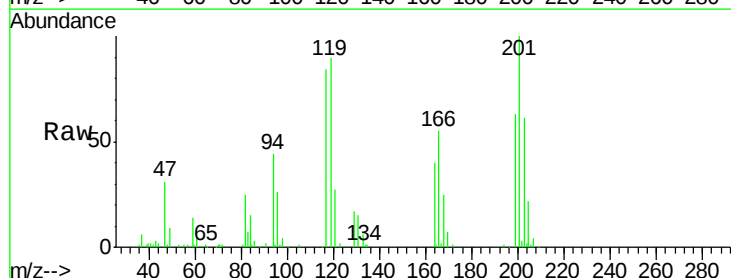
Tgt Ion:117 Resp: 57253

Ion Ratio Lower Upper

117 100

119 106.4 76.6 114.8

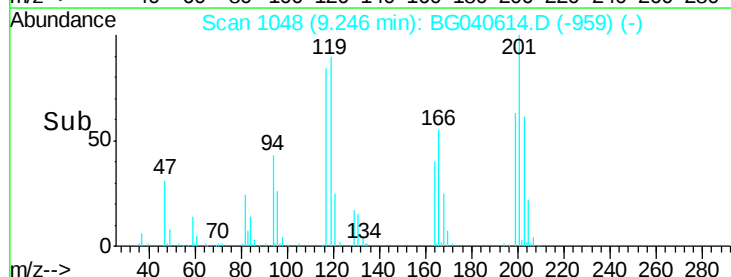
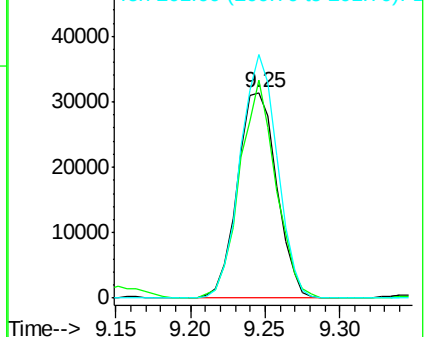
201 122.4 101.0 151.6

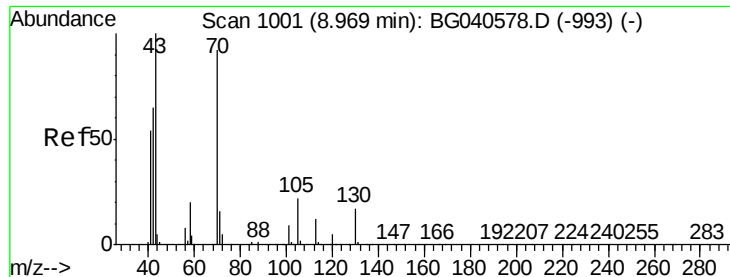


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

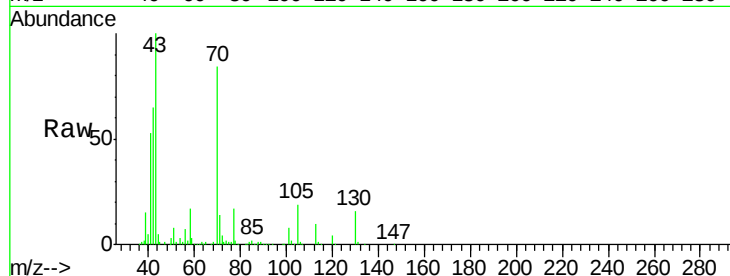




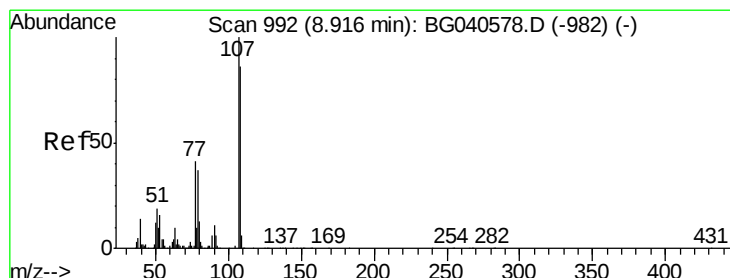
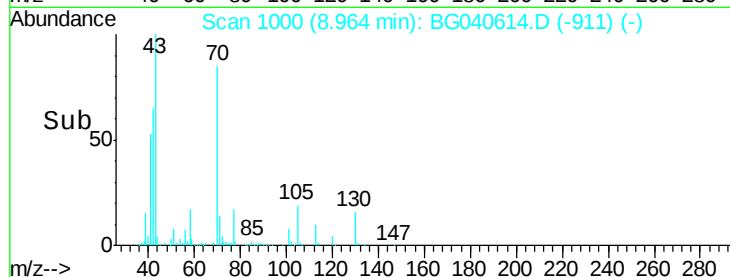
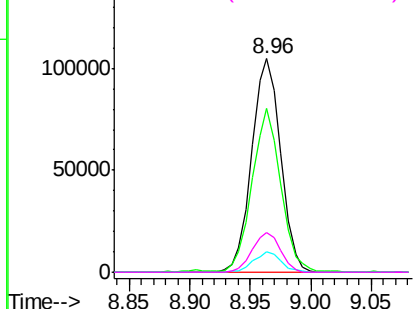
#19
n-Nitroso-di-n-propylamine
Concen: 42.429 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	174803
Ion	Ratio	Lower	Upper
70	100		
42	77.0	57.1	85.7
101	9.6	7.8	11.8
130	18.6	14.6	21.8

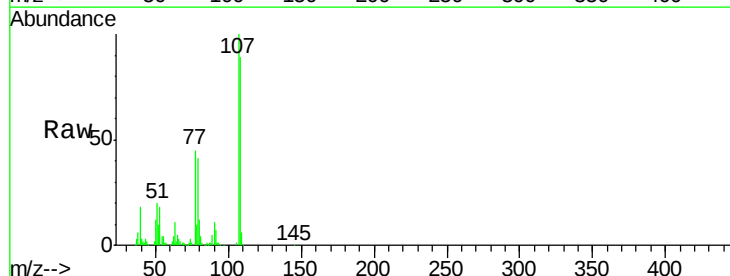


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

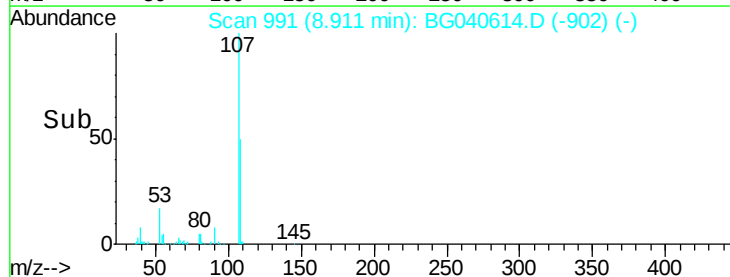
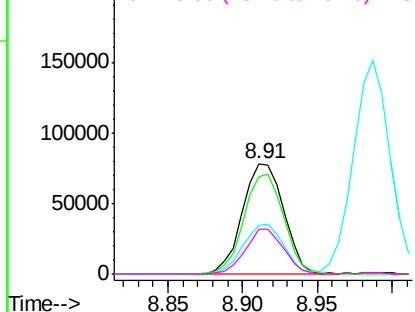


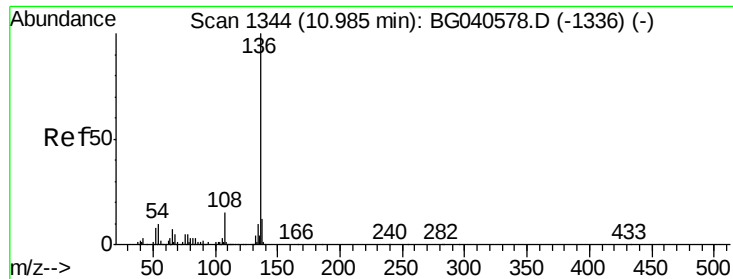
#20
3+4-Methylphenols
Concen: 30.734 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion:	107	Resp:	149065
Ion	Ratio	Lower	Upper
107	100		
108	88.6	66.1	106.1
77	44.6	21.6	61.6
79	40.8	17.4	57.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 225227

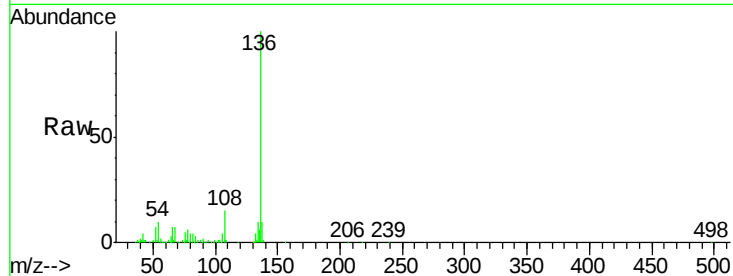
Ion Ratio Lower Upper

136 100

137 10.4 9.7 14.5

54 10.4 8.6 12.8

68 7.1 4.8 7.2

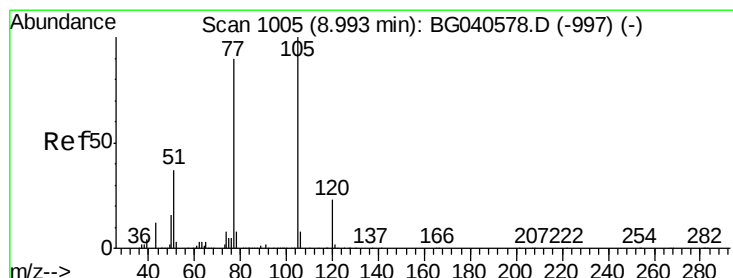
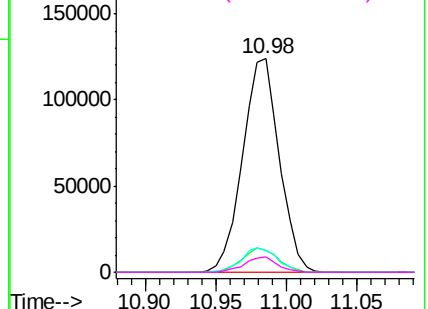
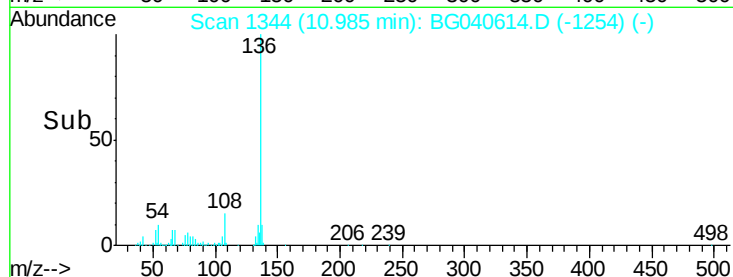


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.222 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:105 Resp: 289487

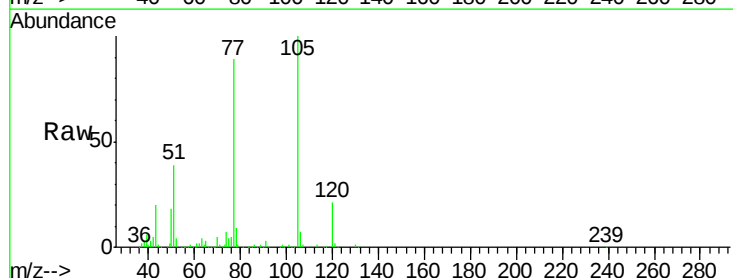
Ion Ratio Lower Upper

105 100

71 0.9 1.8 2.8#

51 38.6 29.8 44.8

120 21.4 18.4 27.6

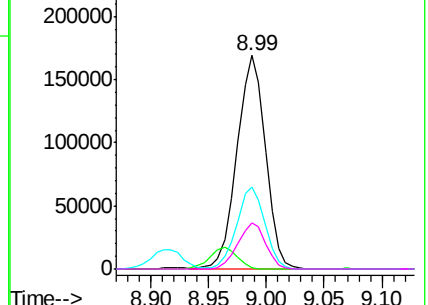
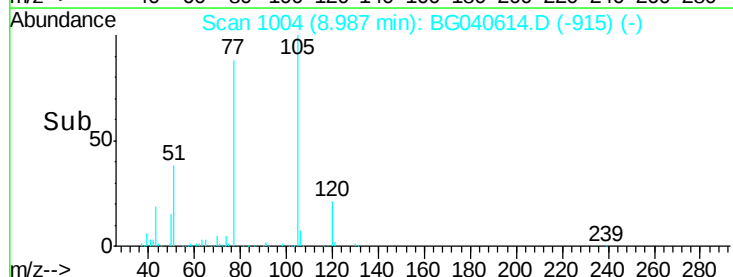


Abundance Ion 105.00 (104.70 to 105.70): E

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

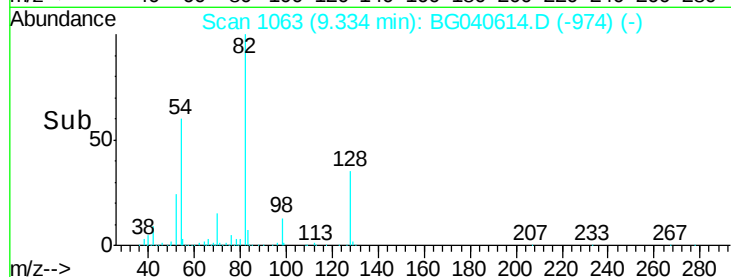
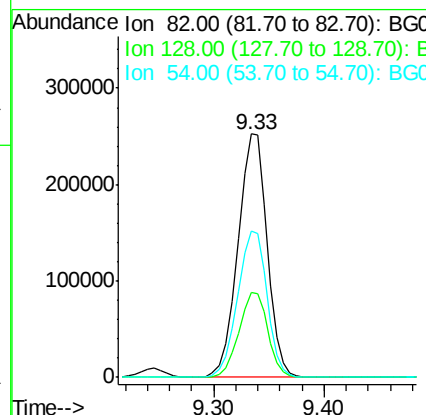
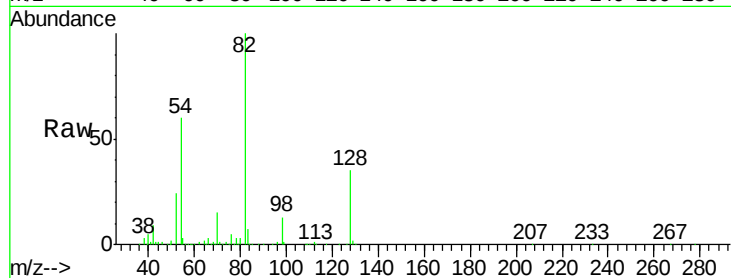




#23
 Nitrobenzene-d5
 Concen: 96.104 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

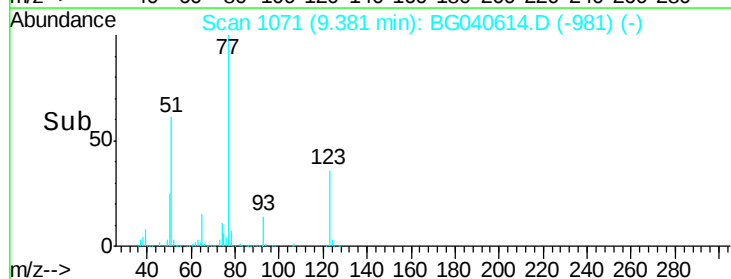
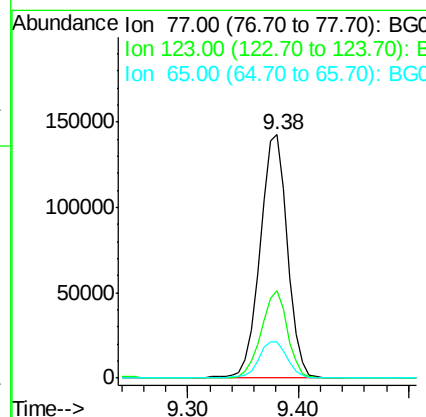
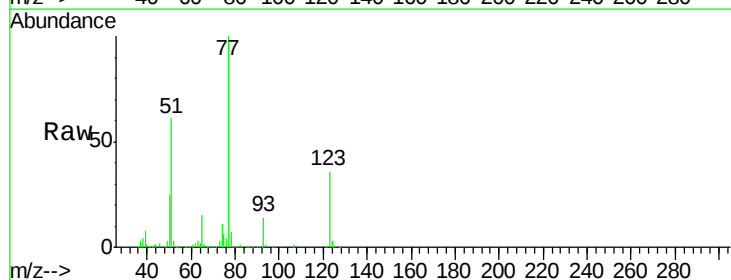
Instrument :
 BNA_G
 ClientSampleId :

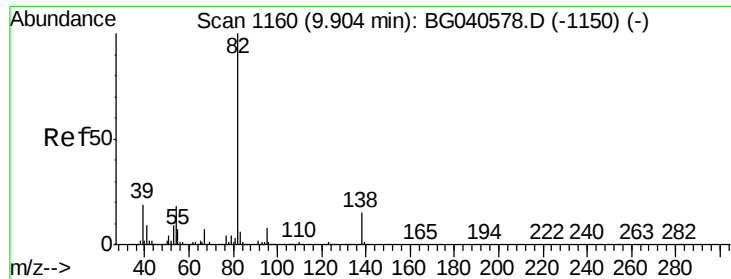
Tot Ion	82	Resp	468446
Ion Ratio	100	Lower	Upper
128	34.8	28.9	43.3
54	60.2	47.2	70.8



#24
 Nitrobenzene
 Concen: 47.750 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	77	Resp	248336
Ion Ratio	100	Lower	Upper
123	35.8	27.8	41.6
65	14.9	12.4	18.6





#25

Isophorone

Concen: 44.352 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

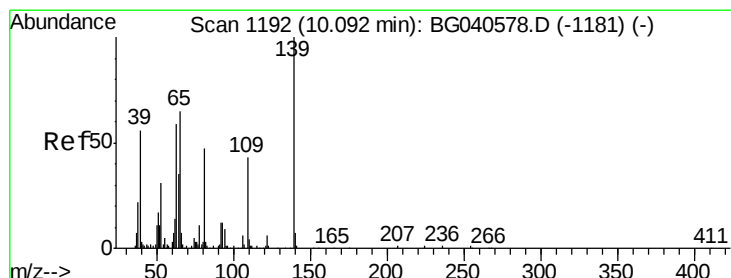
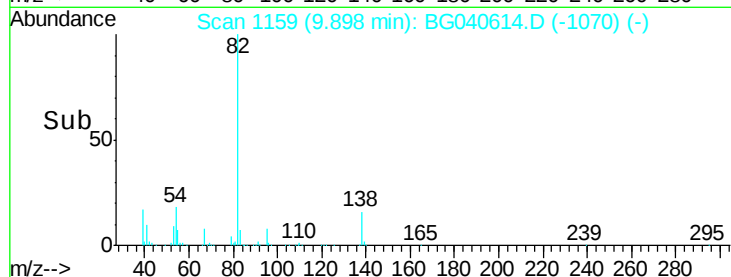
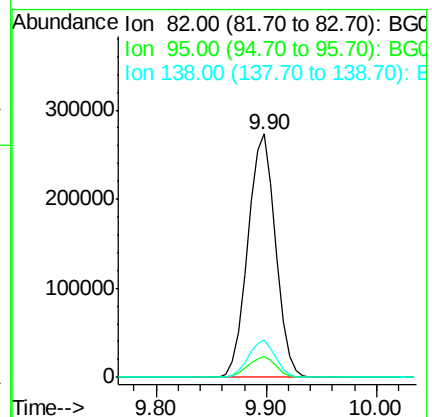
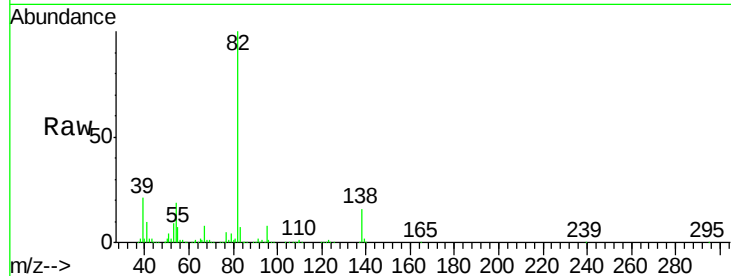
Tot Ion: 82 Resp: 481565

Ion Ratio Lower Upper

82 100

95 8.5 6.9 10.3

138 15.5 12.3 18.5



#26

2-Nitrophenol

Concen: 48.446 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

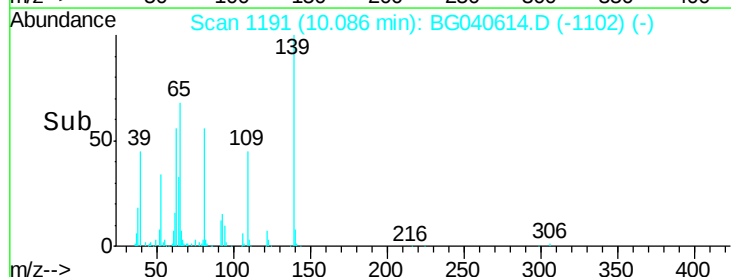
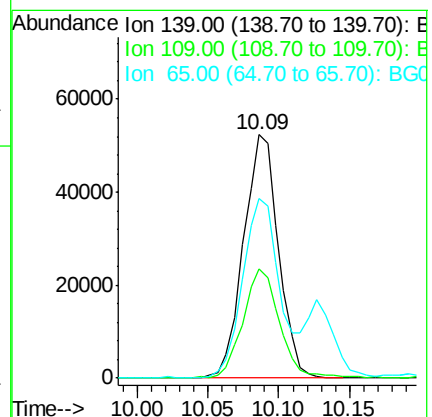
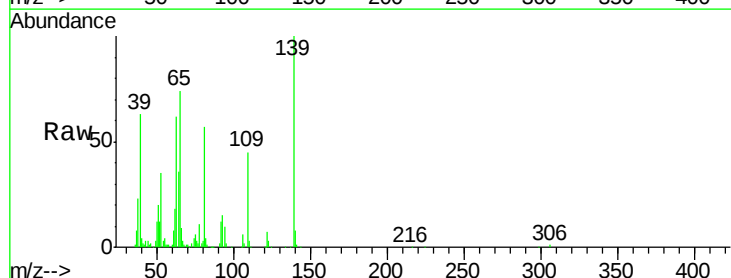
Tgt Ion: 139 Resp: 90314

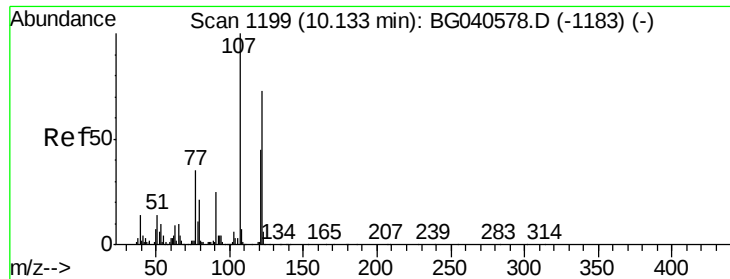
Ion Ratio Lower Upper

139 100

109 44.9 35.6 53.4

65 73.5 52.3 78.5

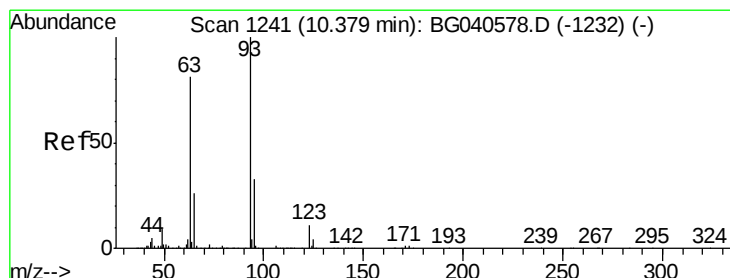
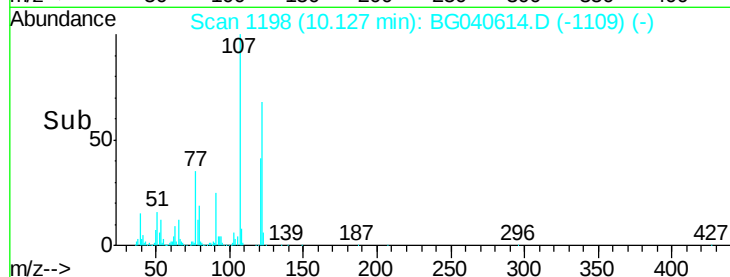
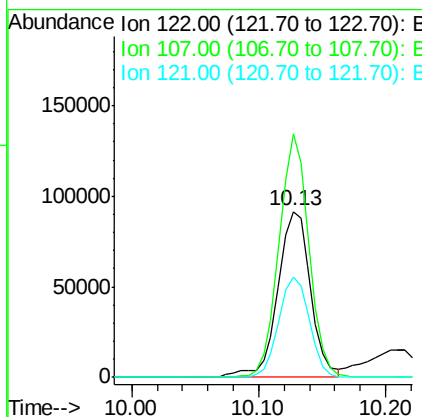
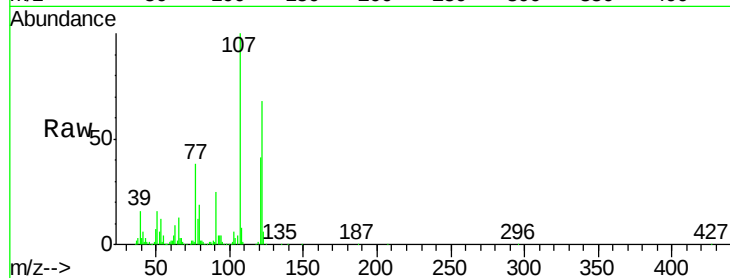




#27
 2,4-Dimethylphenol
 Concen: 47.541 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

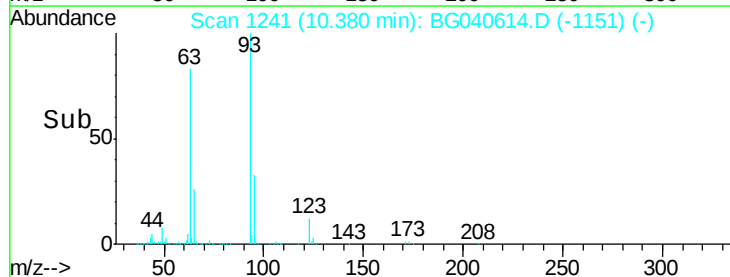
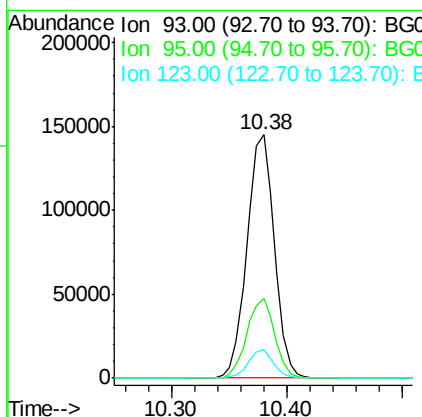
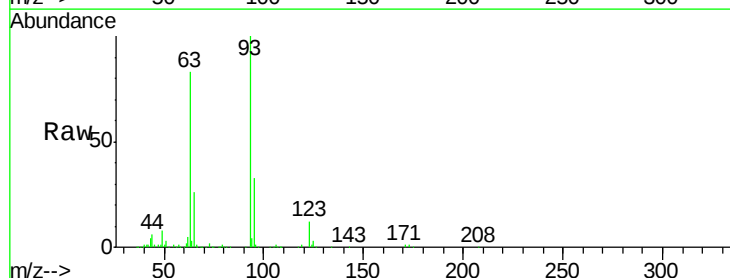
Instrument :
 BNA_G
 ClientSampleId :

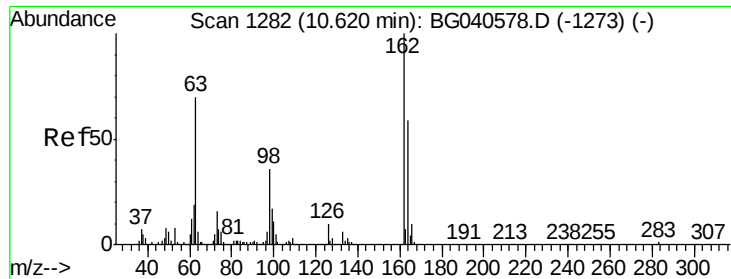
Tot Ion	Ratio	Lower	Upper
122	100		
107	147.0	110.1	165.1
121	60.9	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.985 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	11.7	9.0	13.4

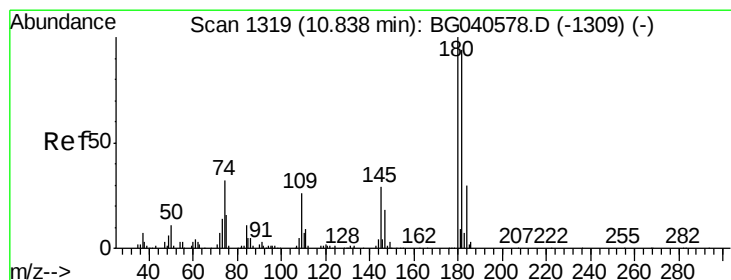
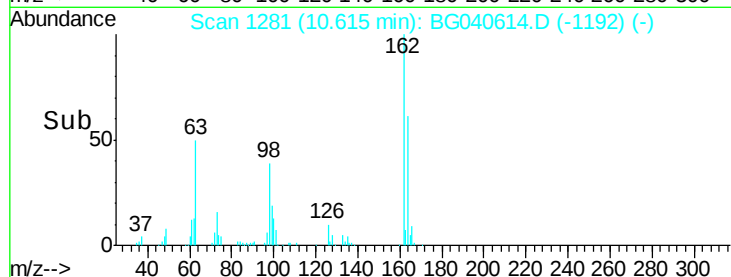
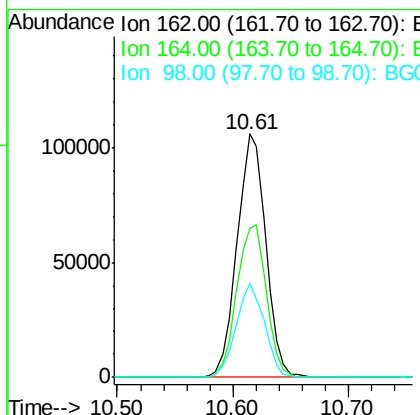
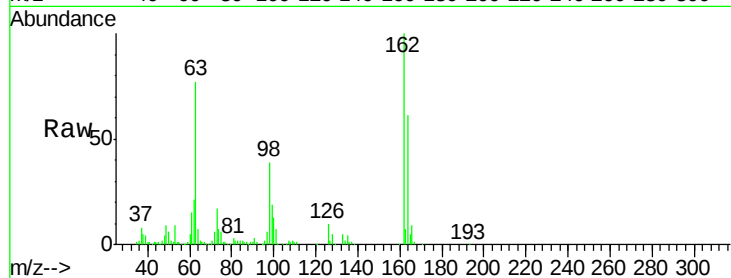




#29
 2,4-Dichlorophenol
 Concen: 45.847 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

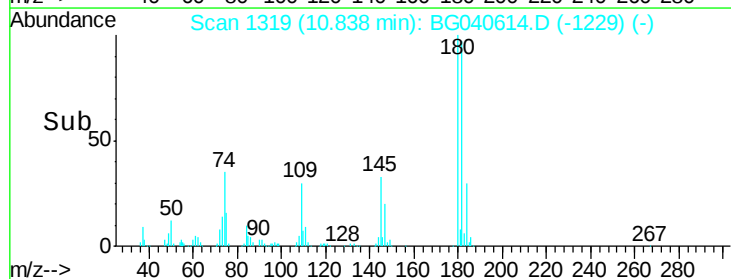
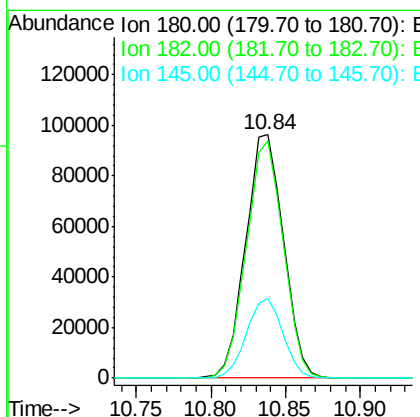
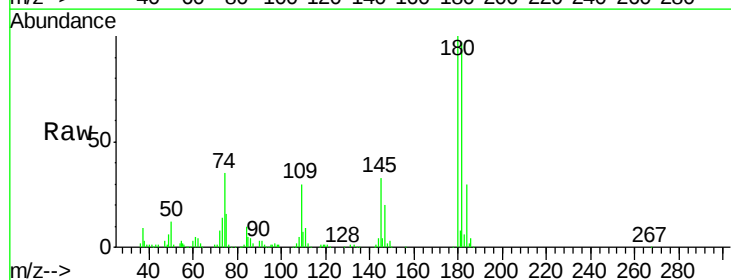
Instrument :
 BNA_G
 ClientSampleId :

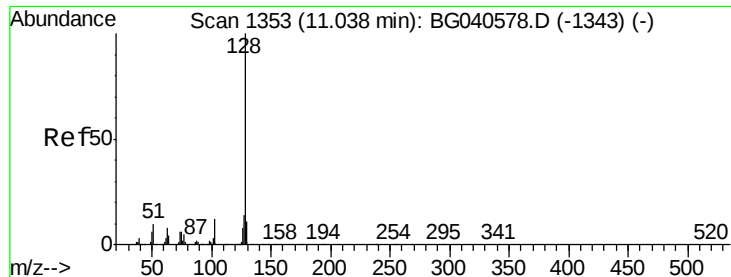
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	38.9	78.9
98	38.5	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.249 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.2	112.8
145	32.6	23.6	35.4

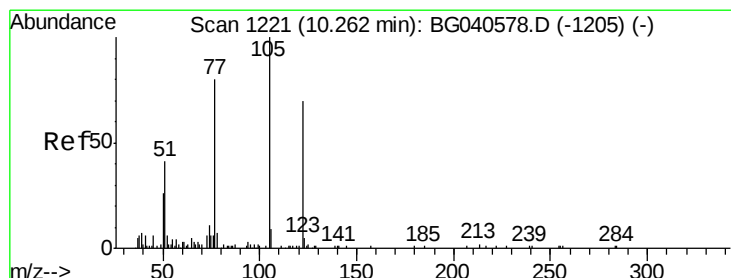
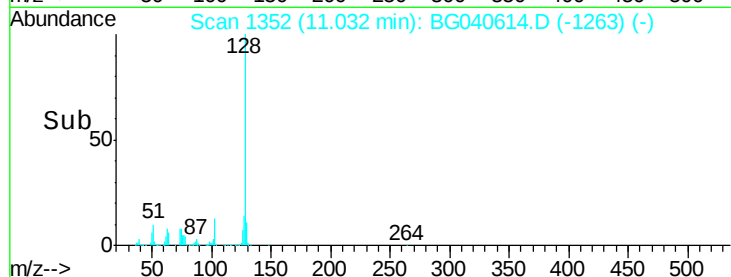
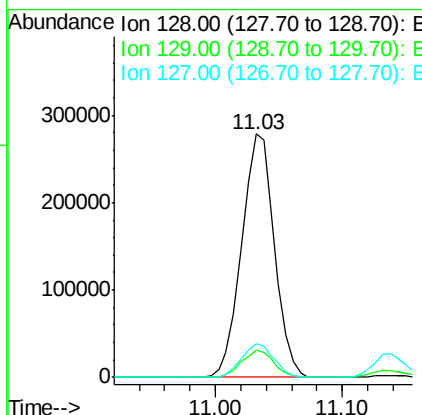
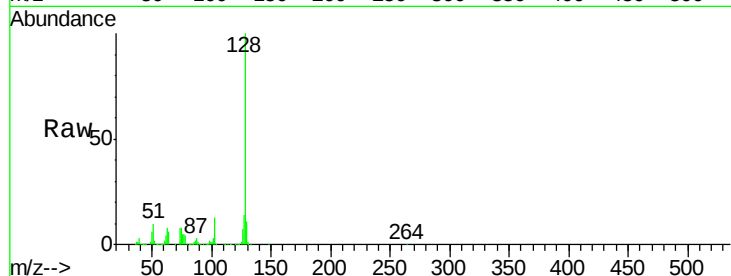




#31
Naphthalene
Concen: 41.536 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

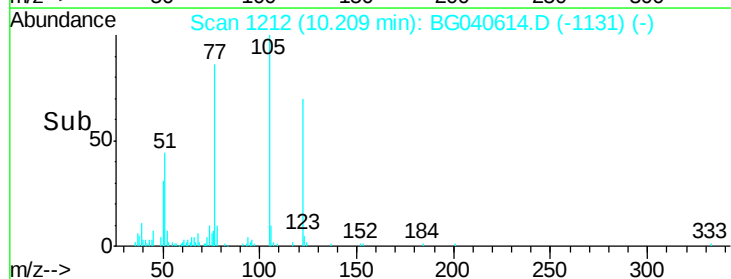
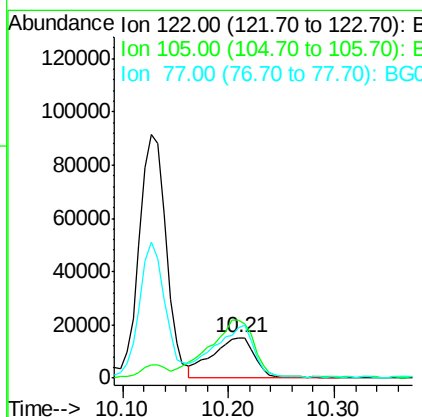
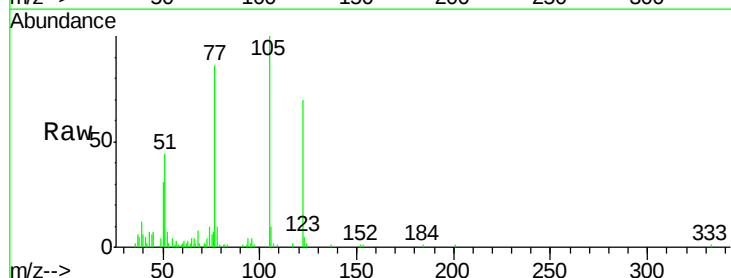
Instrument :
BNA_G
ClientSampleId :

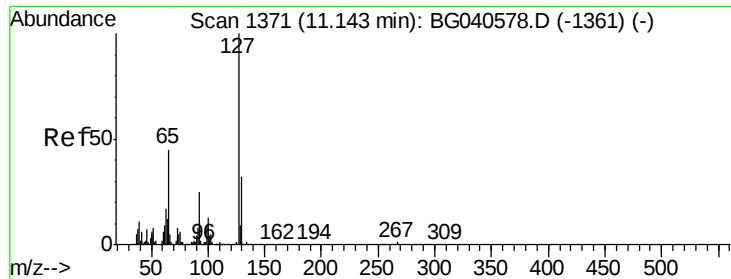
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 18.198 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.3	110.9	150.9
77	123.9	87.6	127.6

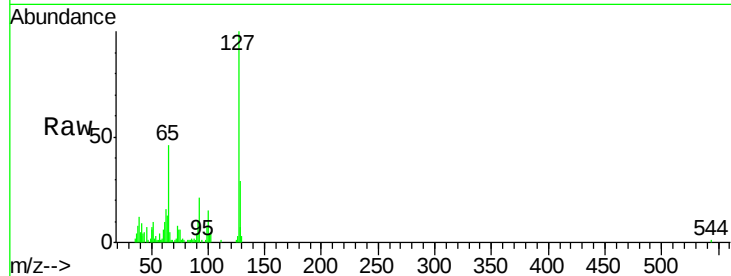




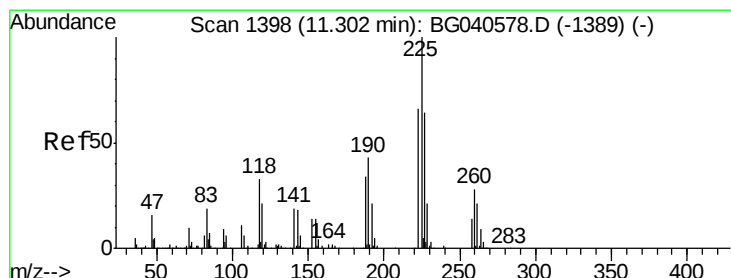
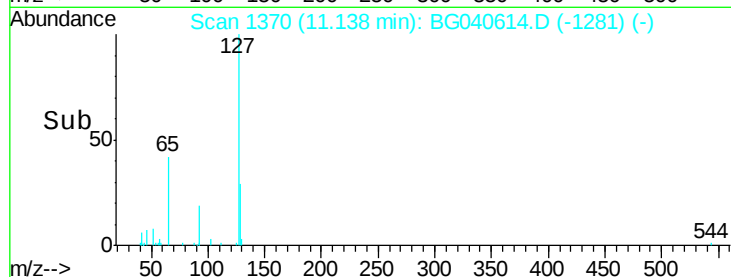
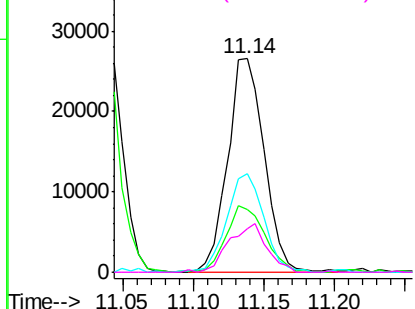
#33
4-Chloroaniline
Concen: 9.064 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 48089
Ion Ratio Lower Upper
127 100
129 29.5 25.7 38.5
65 45.9 36.1 54.1
92 22.0 20.1 30.1

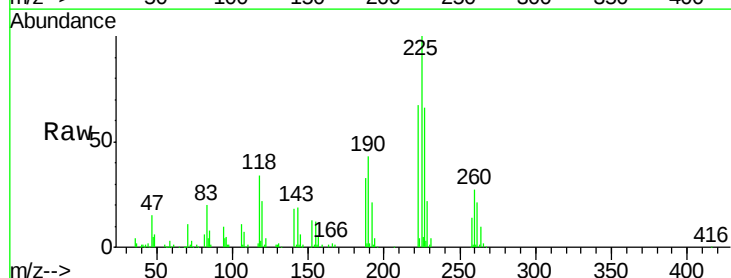


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

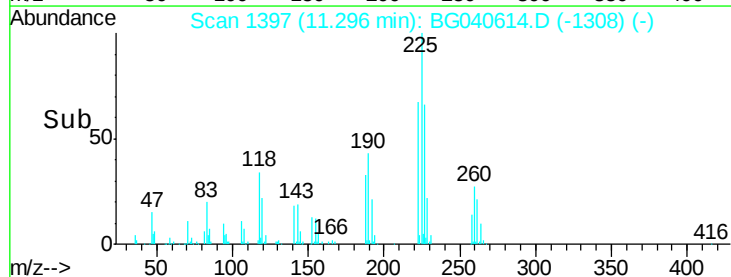
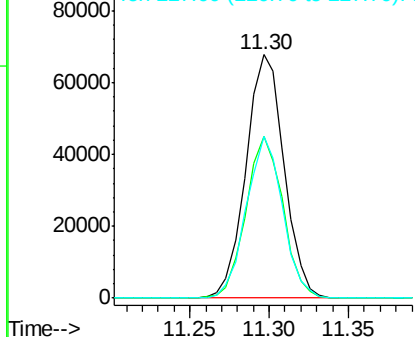


#34
Hexachlorobutadiene
Concen: 34.688 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion:225 Resp: 112929
Ion Ratio Lower Upper
225 100
223 70.3 50.4 75.6
227 69.3 51.0 76.6



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





#35

Caprolactam

Concen: 6.027 ng

RT: 11.93 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampled :

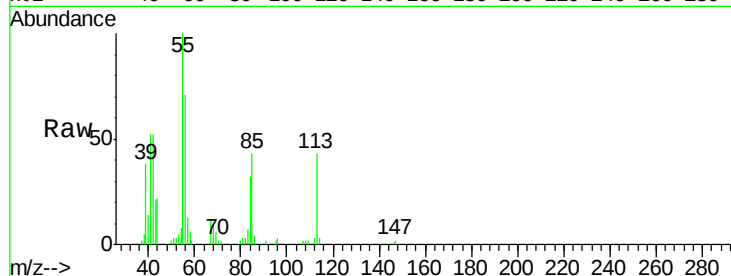
Tot Ion:113 Resp: 9462

Ion Ratio Lower Upper

113 100

55 232.3 198.6 238.6

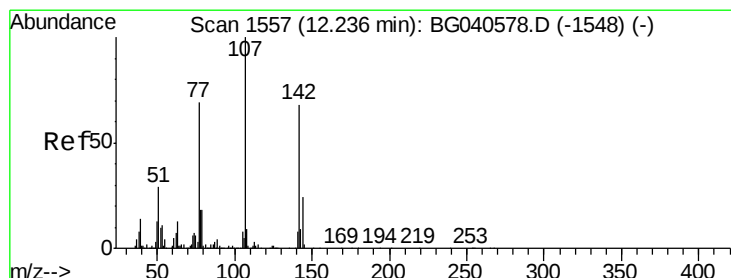
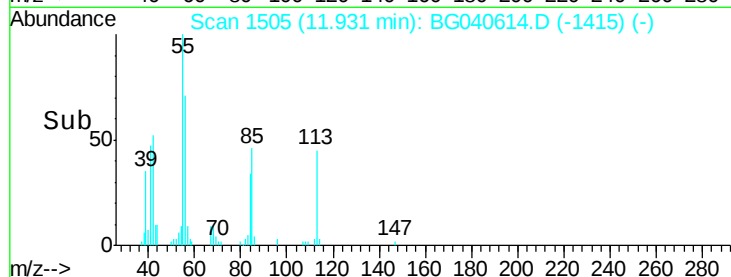
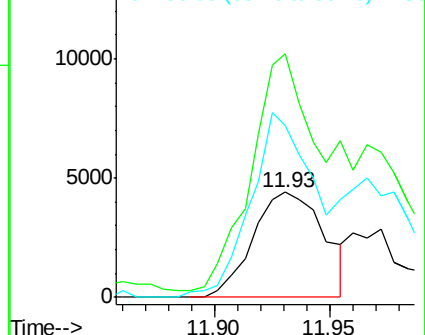
56 164.1 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.772 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

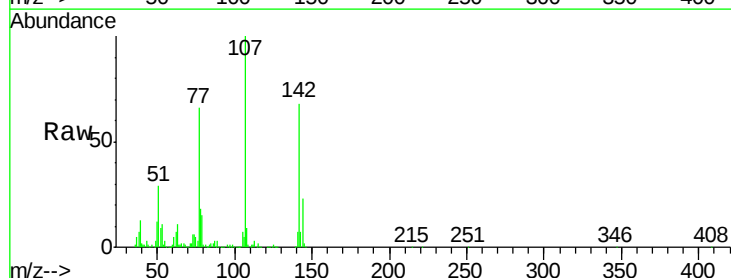
Tgt Ion:107 Resp: 219578

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

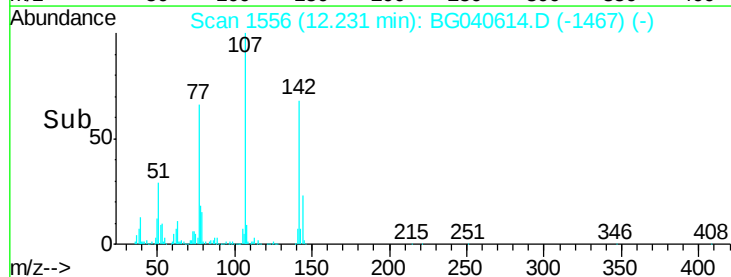
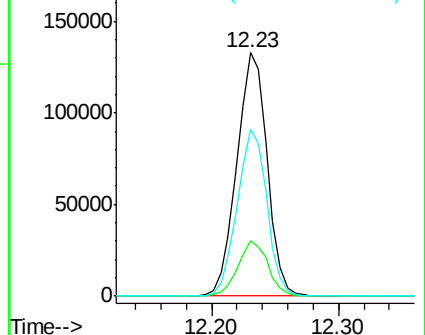
142 68.3 54.6 81.8

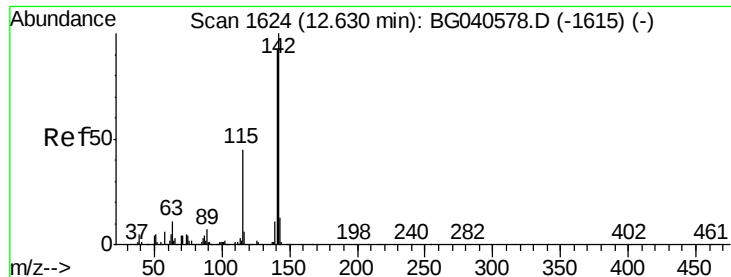


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.248 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

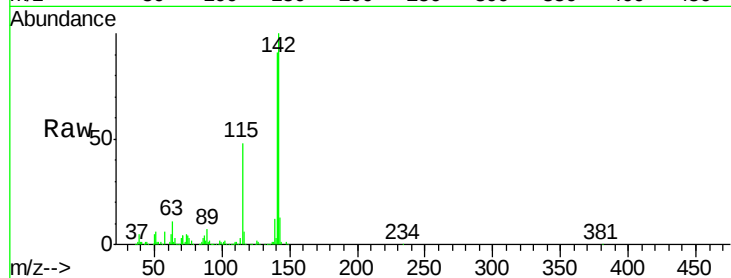
Tot Ion:142 Resp: 386913

Ion Ratio Lower Upper

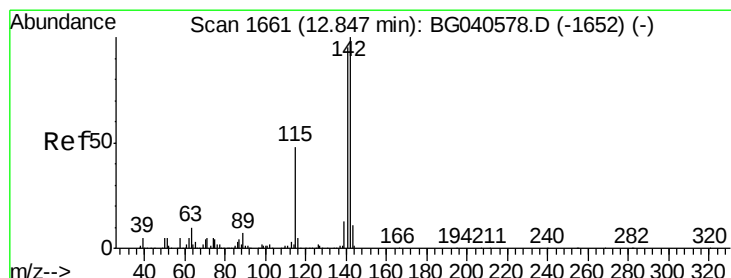
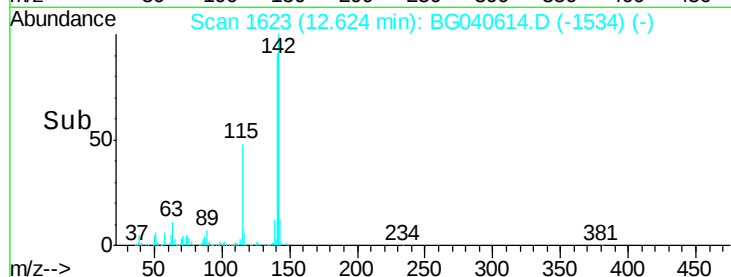
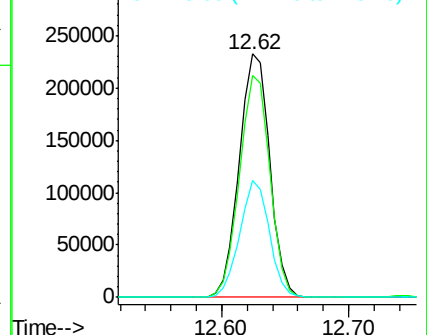
142 100

141 91.2 73.4 110.2

115 47.9 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.604 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

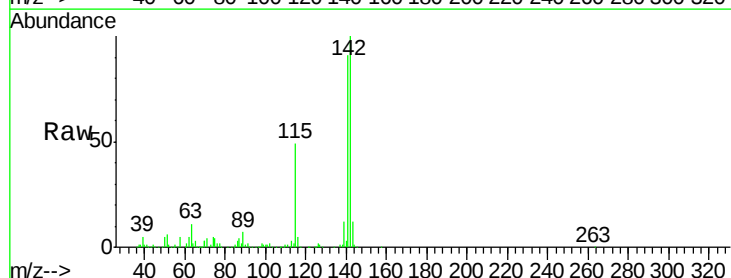
Tgt Ion:142 Resp: 372560

Ion Ratio Lower Upper

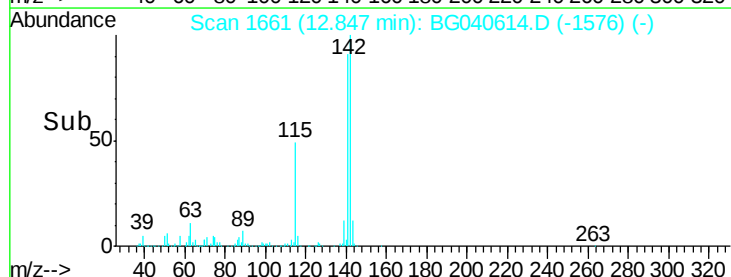
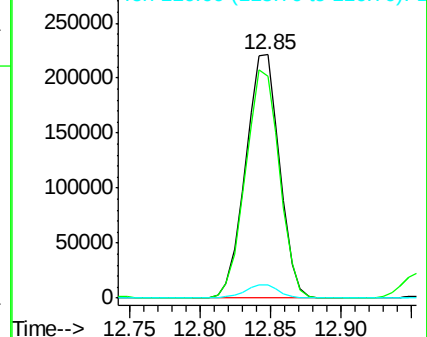
142 100

141 91.1 75.9 113.9

116 5.4 4.2 6.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

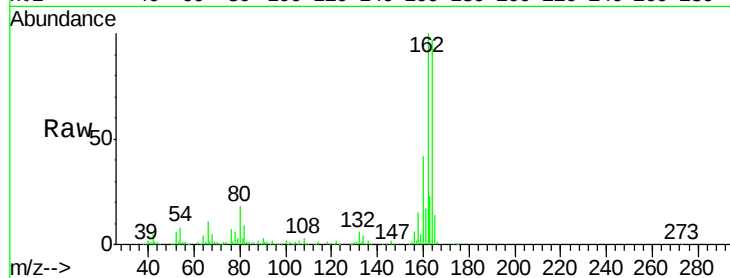
Tot Ion:164 Resp: 167311

Ion Ratio Lower Upper

164 100

162 103.6 81.9 122.9

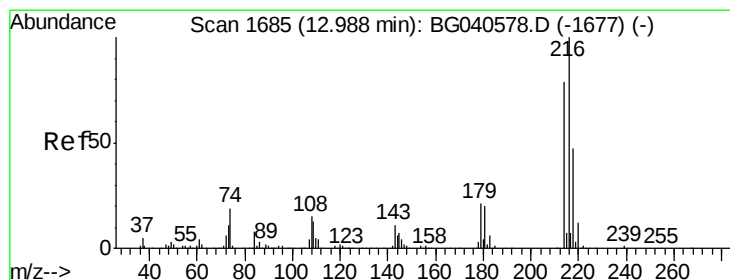
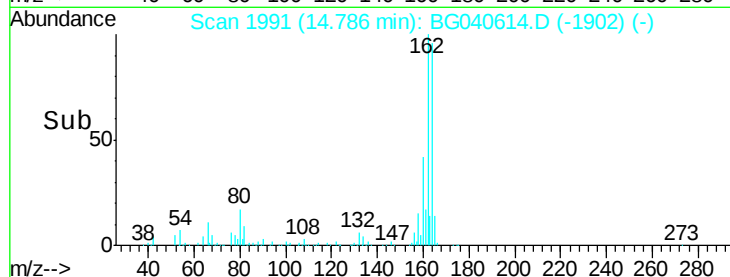
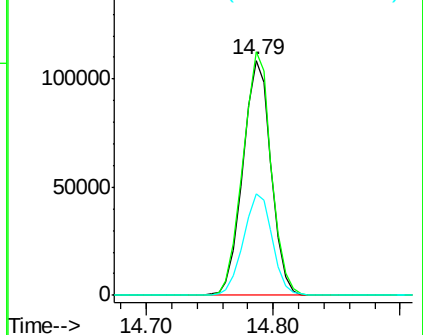
160 43.1 35.4 53.2



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: 40.106 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:216 Resp: 249970

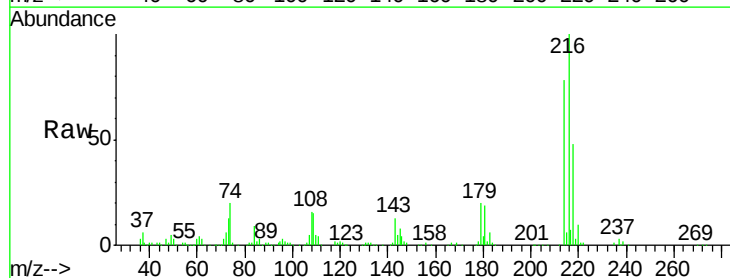
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 20.3 16.6 24.8

108 20.6 14.7 22.1

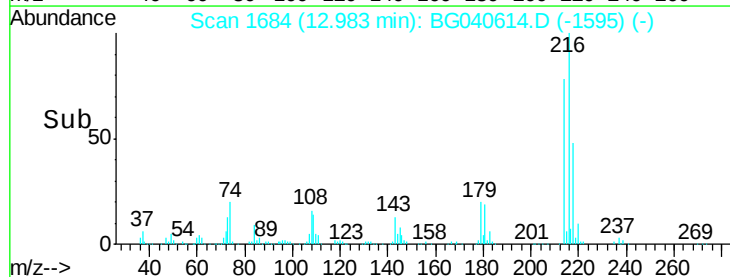
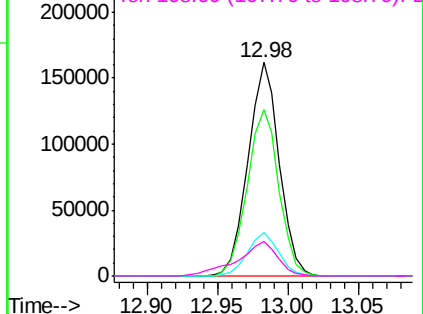


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.990 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

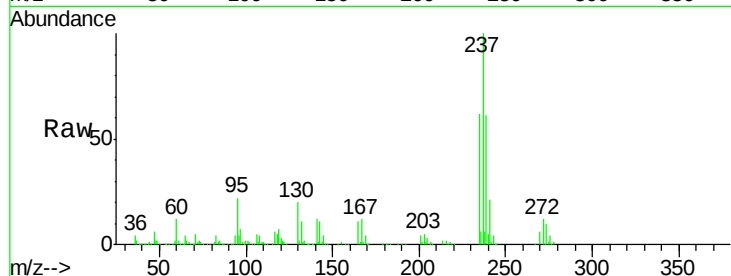
Tot Ion:237 Resp: 294191

Ion Ratio Lower Upper

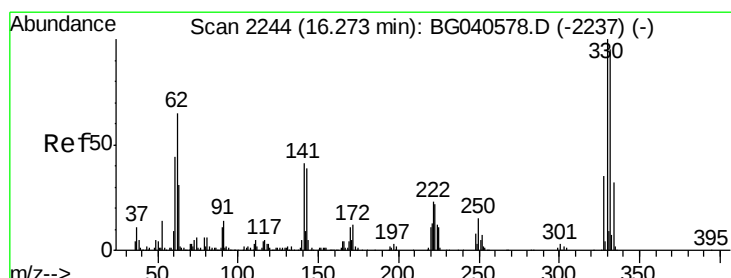
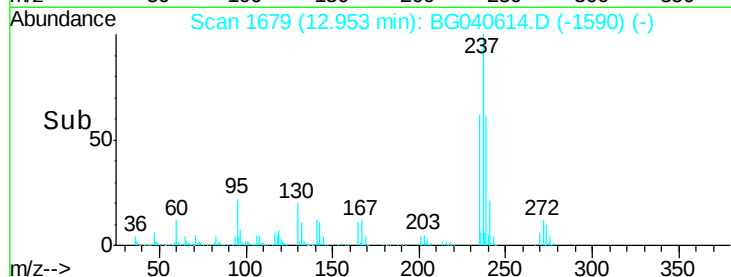
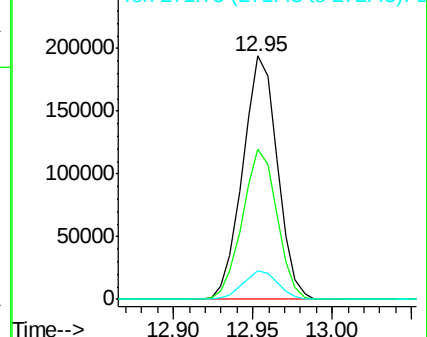
237 100

235 61.7 42.5 82.5

272 11.8 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: 140.353 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

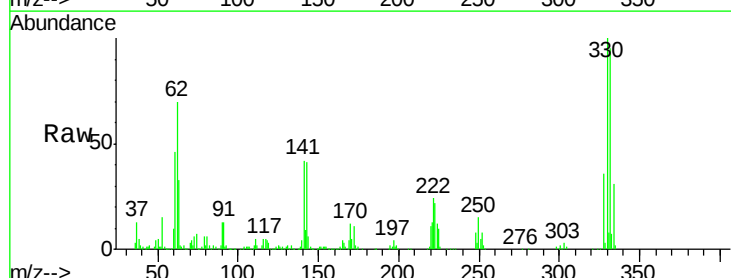
Tgt Ion:330 Resp: 322773

Ion Ratio Lower Upper

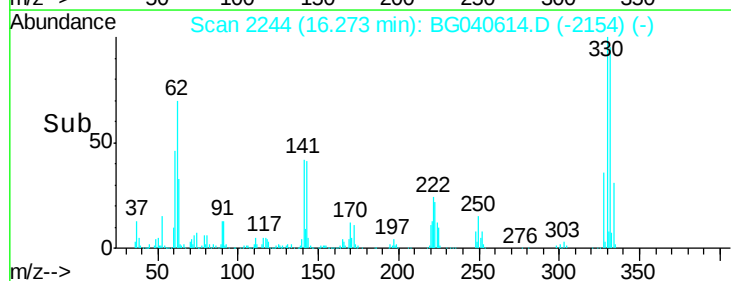
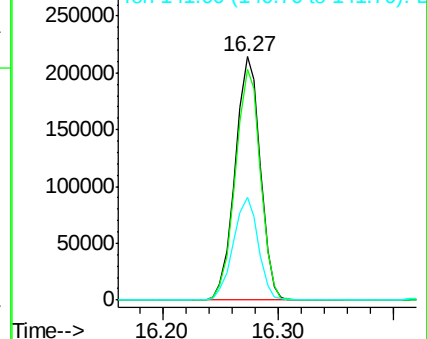
330 100

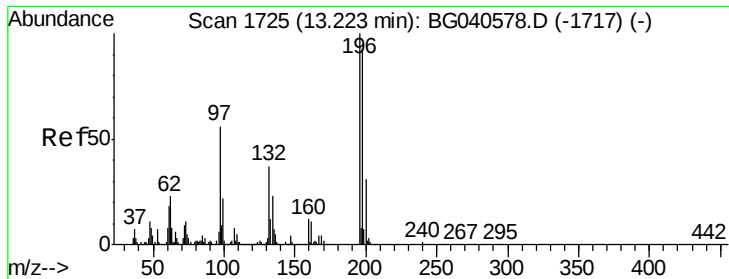
332 94.6 75.9 113.9

141 42.0 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

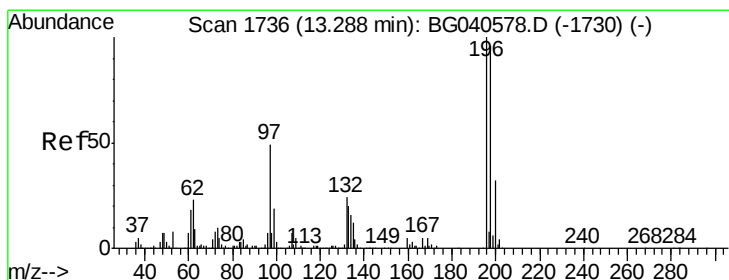
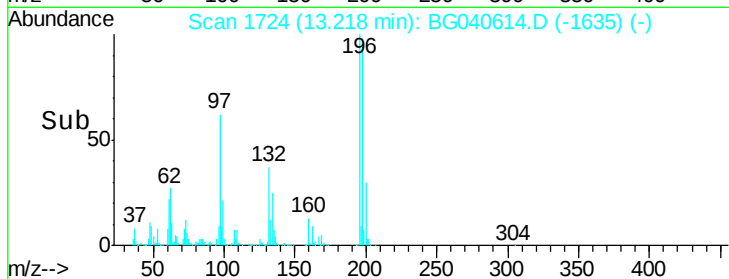
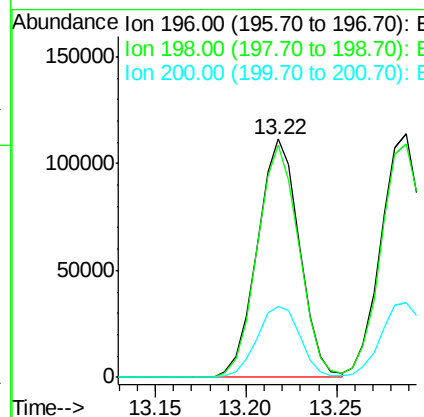
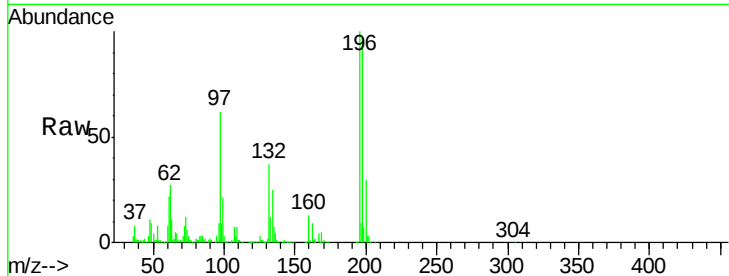




#43
 2,4,6-Trichlorophenol
 Concen: 47.684 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

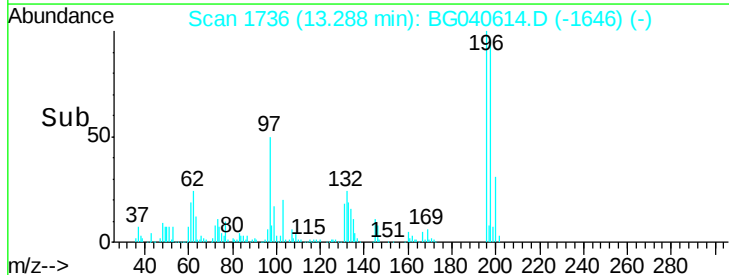
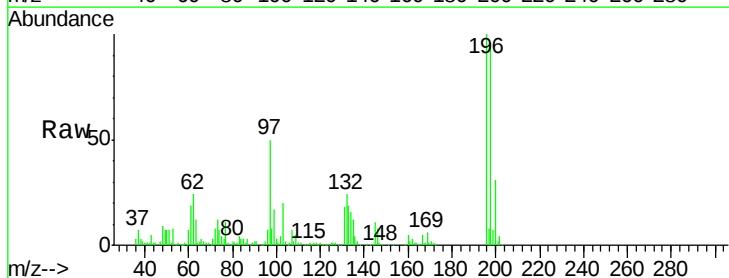
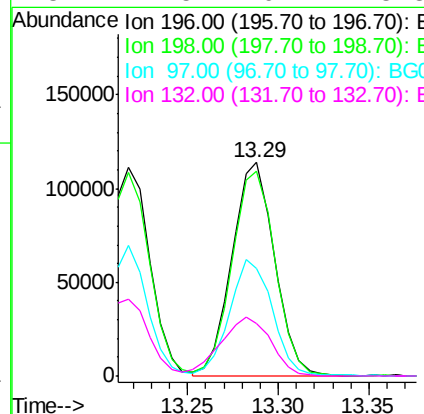
Instrument :
 BNA_G
 ClientSampleId :

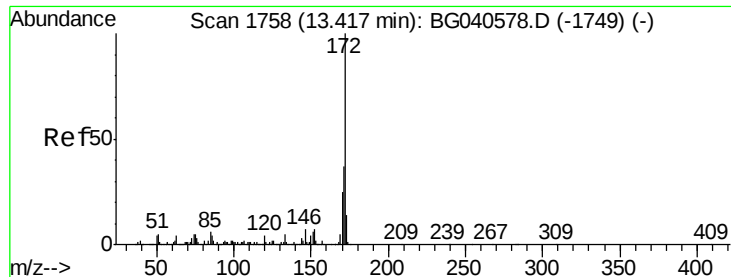
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.8	112.2
200	29.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.363 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.0	115.6
97	50.3	40.0	60.0
132	24.5	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 83.664 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

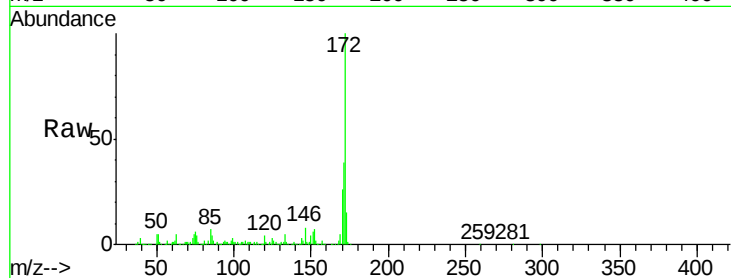
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 969246

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.4	44.2
170	26.2	19.9	29.9

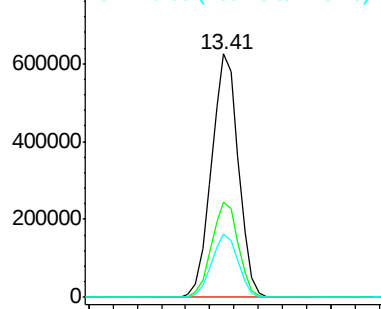


Abundance

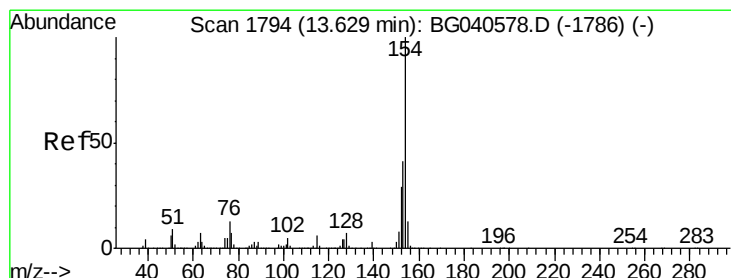
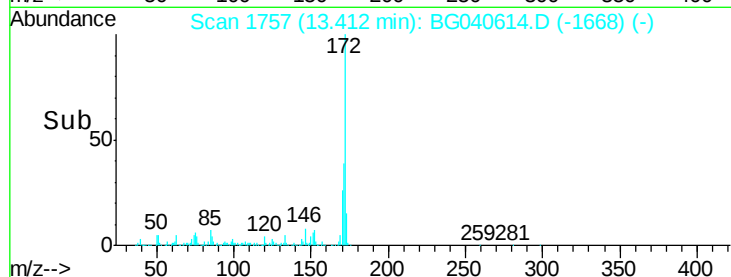
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.30 13.40 13.50



#46

1,1'-Biphenyl

Concen: 41.289 ng

RT: 13.62 min Scan# 1793

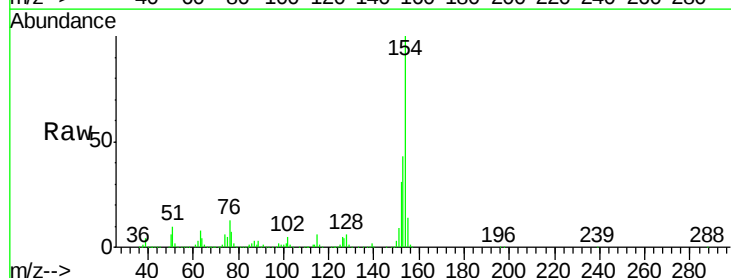
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:154 Resp: 536348

Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.5	60.5
76	12.7	0.0	32.5

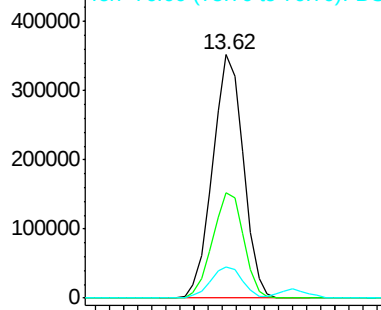


Abundance

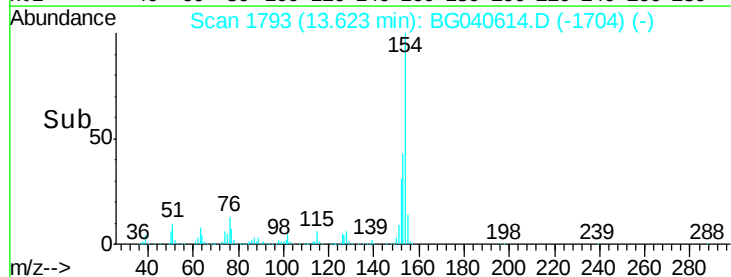
Ion 154.00 (153.70 to 154.70): E

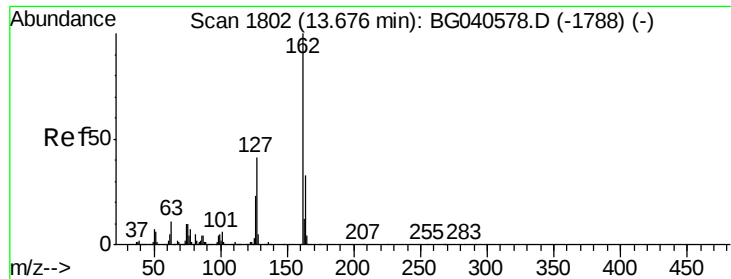
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



Time--> 13.55 13.60 13.65 13.70





#47

2-Chloronaphthalene

Concen: 41.287 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

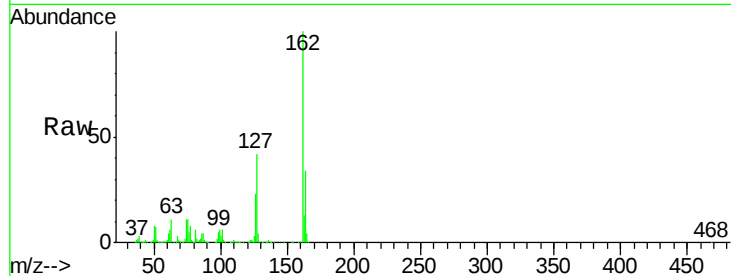
Tot Ion:162 Resp: 419719

Ion Ratio Lower Upper

162 100

127 42.4 33.0 49.4

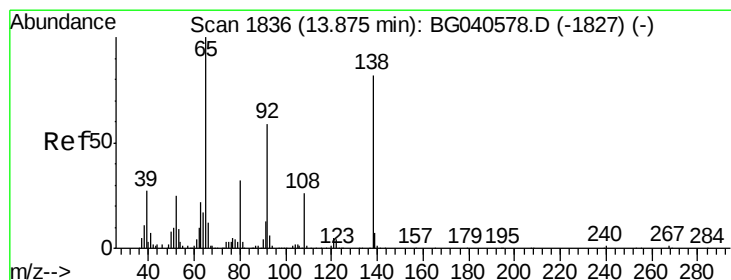
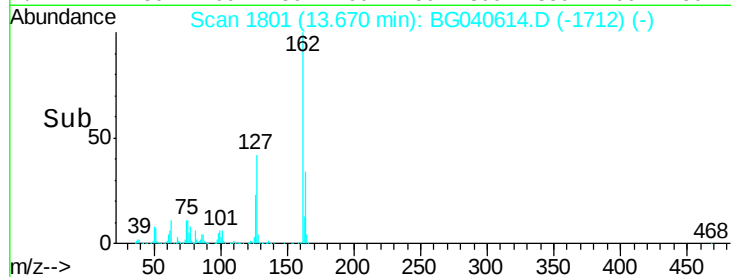
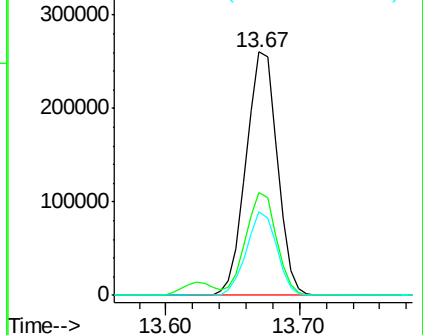
164 34.1 26.8 40.2



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: 54.205 ng

RT: 13.88 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

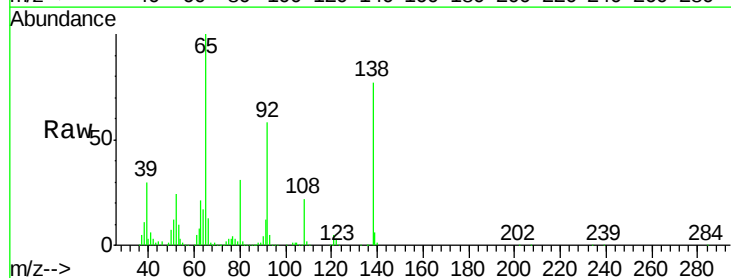
Tgt Ion: 65 Resp: 196153

Ion Ratio Lower Upper

65 100

92 57.9 47.4 71.0

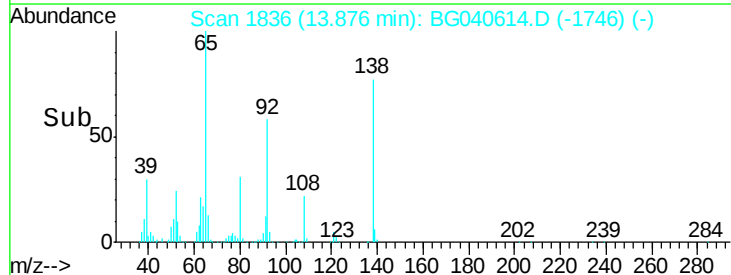
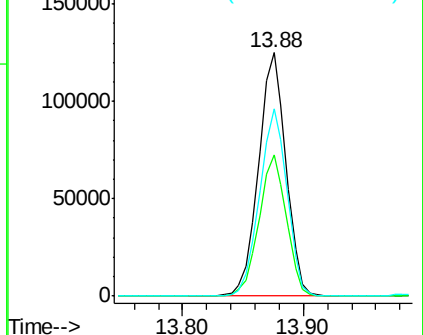
138 76.9 66.1 99.1



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: 41.185 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

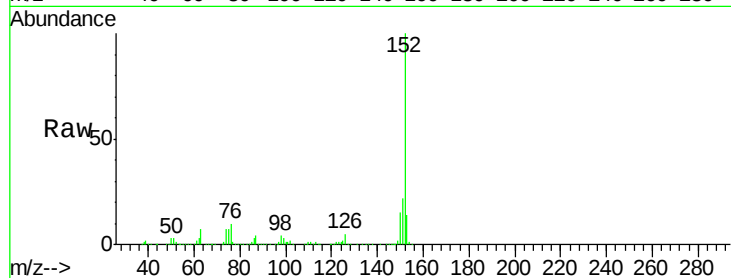
Tot Ion:152 Resp: 710352

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

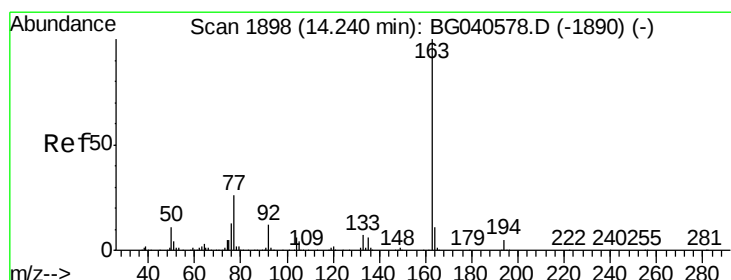
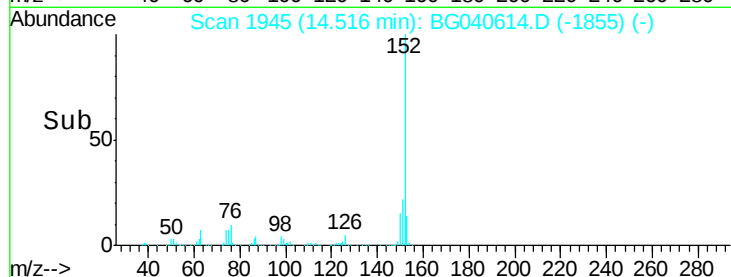
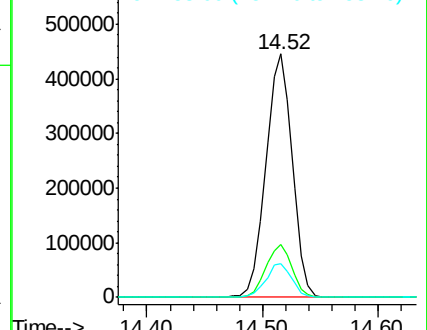
153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.000 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

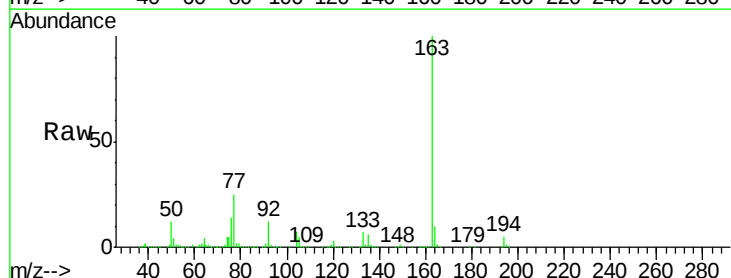
Tgt Ion:163 Resp: 643934

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

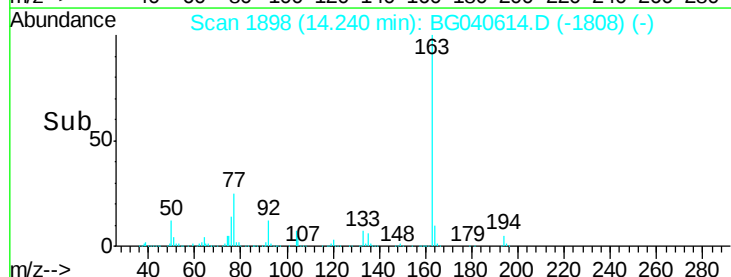
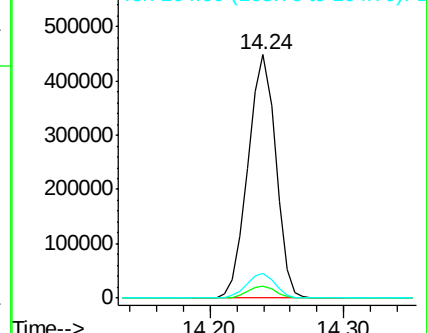
164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.467 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

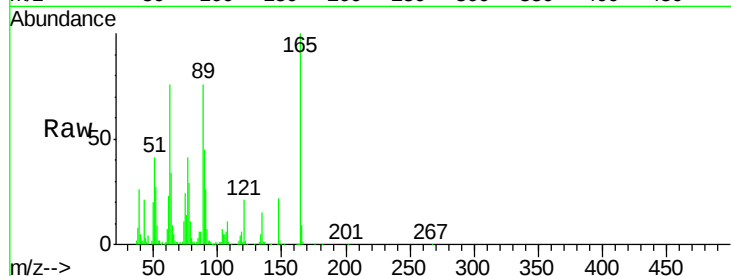
Tot Ion:165 Resp: 135149

Ion Ratio Lower Upper

165 100

63 76.3 61.0 91.4

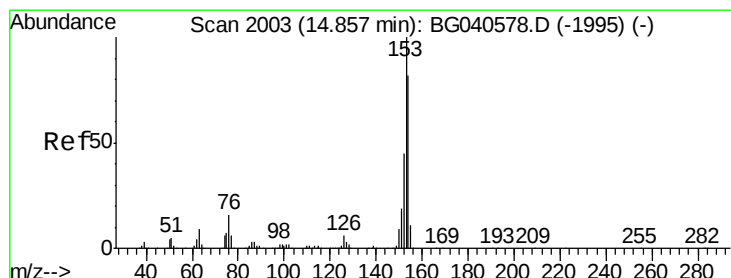
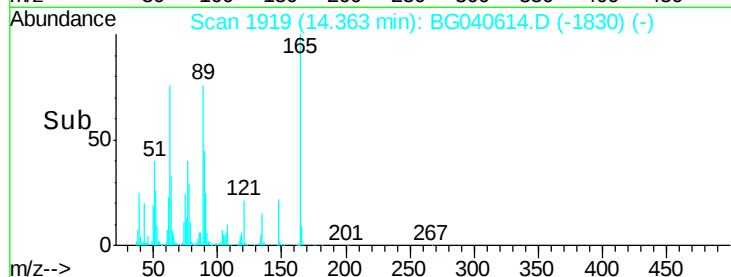
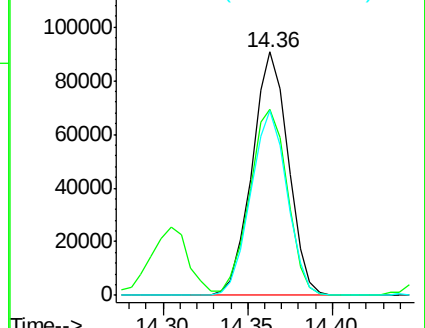
89 76.1 58.6 87.8



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: 43.072 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

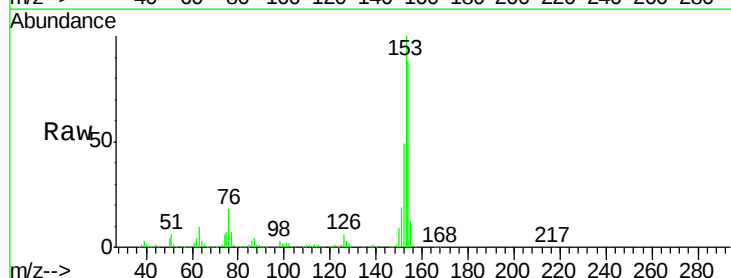
Tgt Ion:154 Resp: 432636

Ion Ratio Lower Upper

154 100

153 113.5 97.0 145.6

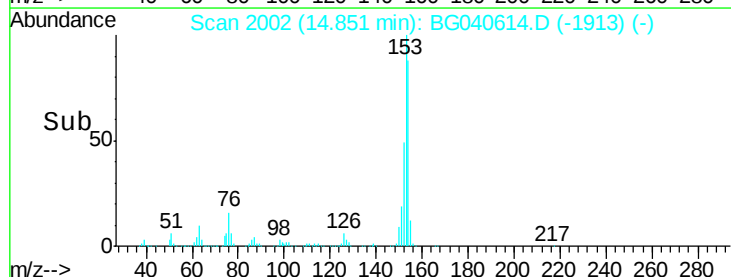
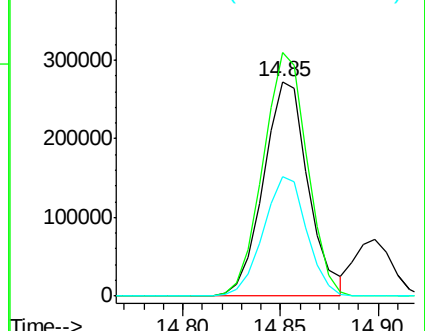
152 55.4 44.1 66.1

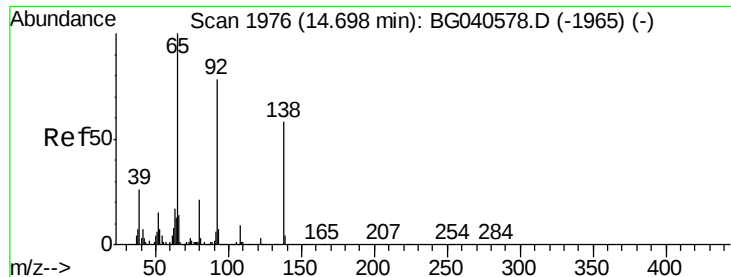


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

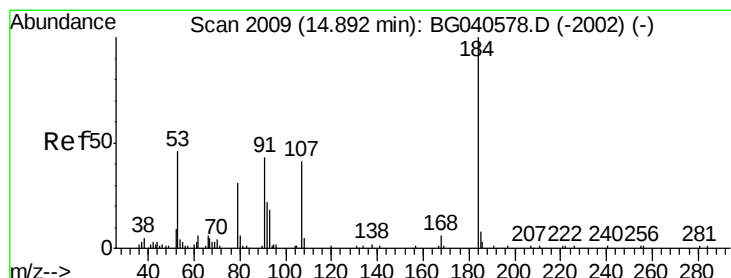
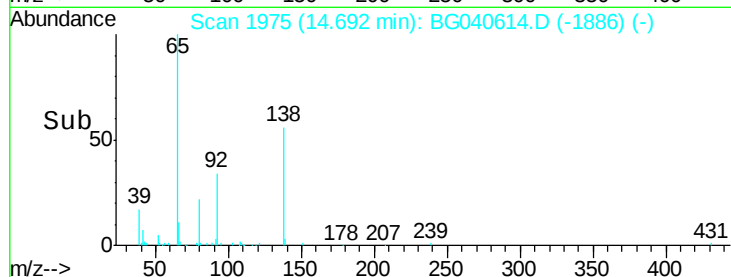
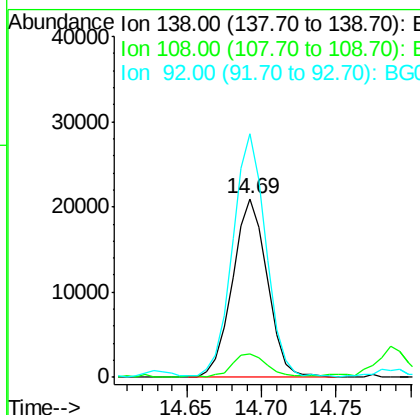
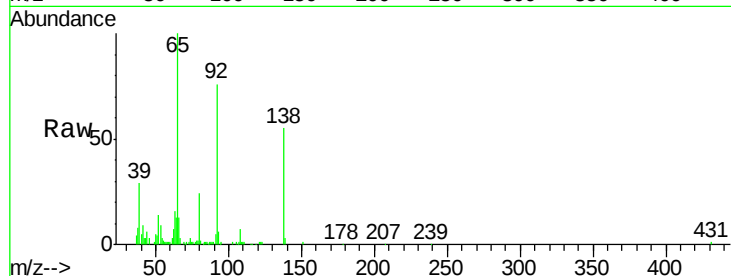




#53
3-Nitroaniline
Concen: 12.085 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

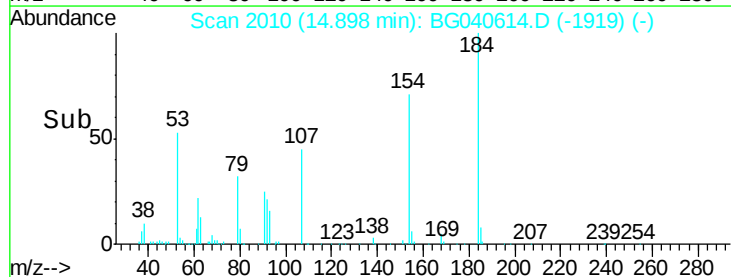
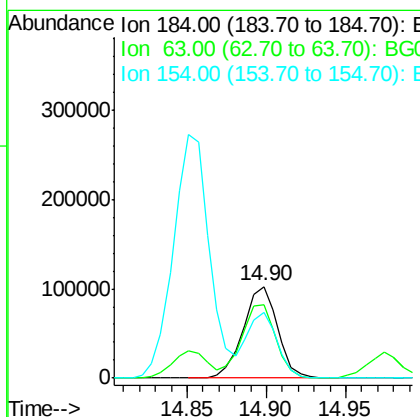
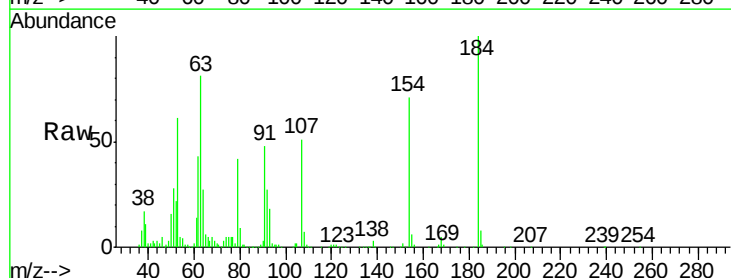
Instrument :
BNA_G
ClientSampleId :

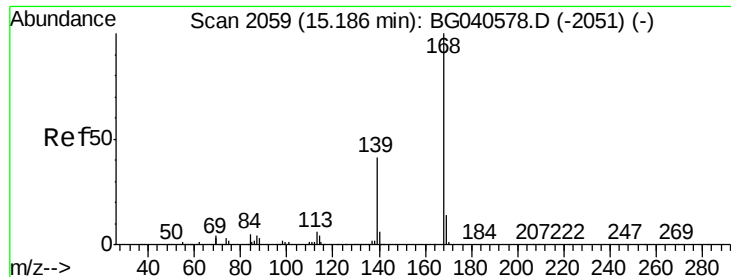
Tot Ion:138 Resp: 33831
Ion Ratio Lower Upper
138 100
108 13.3 12.4 18.6
92 136.5 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 98.153 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion:184 Resp: 153930
Ion Ratio Lower Upper
184 100
63 80.5 51.8 77.6#
154 71.0 43.6 65.4#

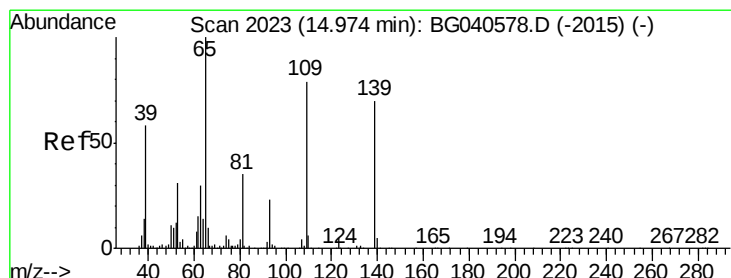
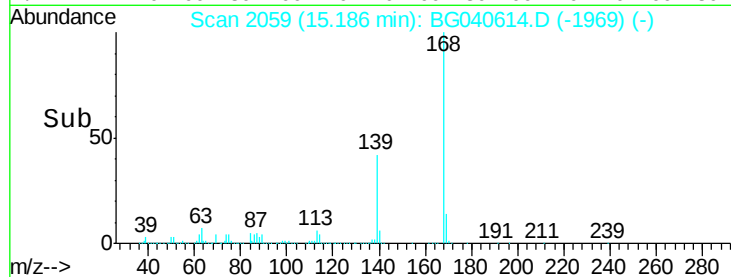
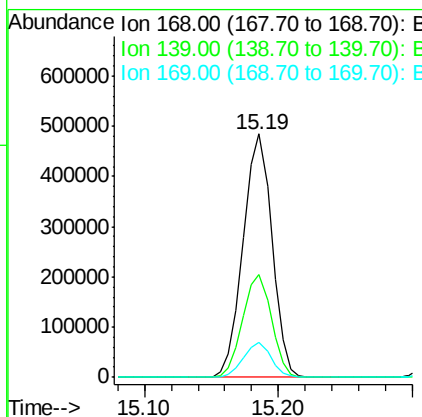
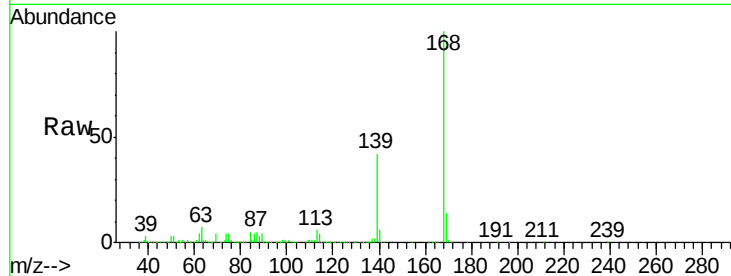




#55
Dibenzofuran
Concen: 43.884 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

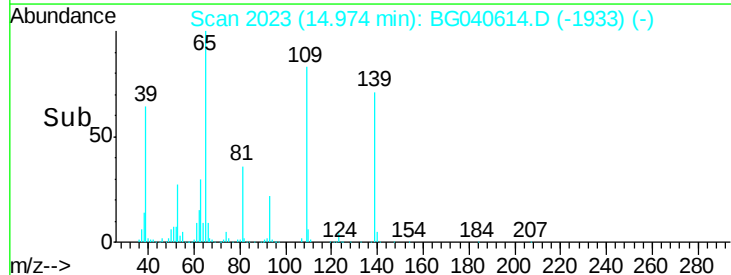
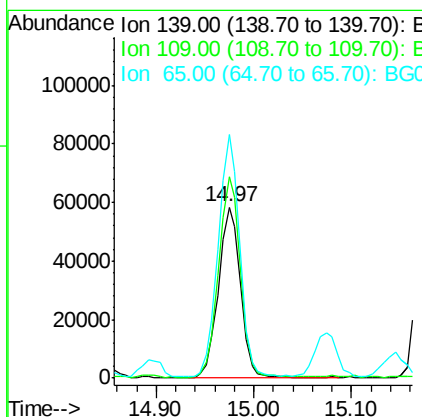
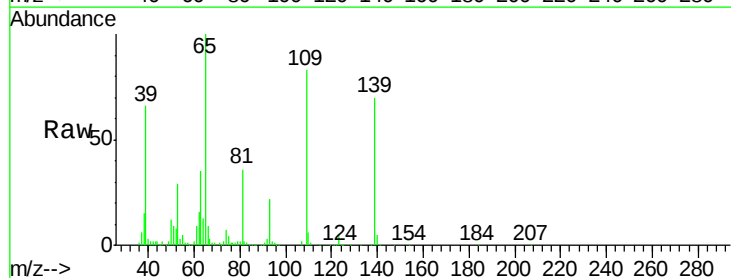
Instrument :
BNA_G
ClientSampleId :

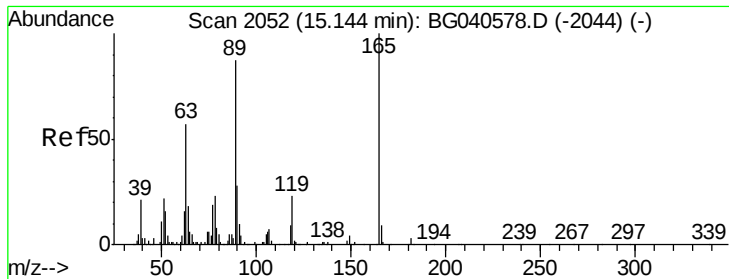
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.0	49.4
169	14.4	11.0	16.4



#56
4-Nitrophenol
Concen: 37.920 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	117.4	93.8	133.8
65	142.2	122.7	162.7

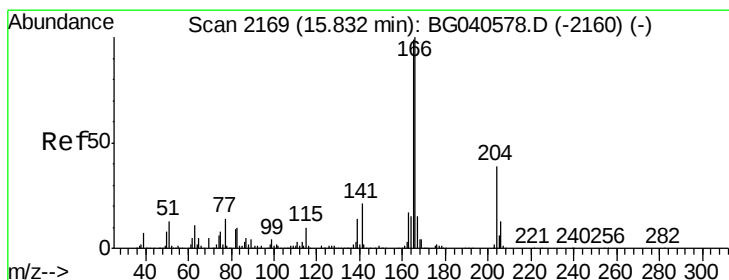
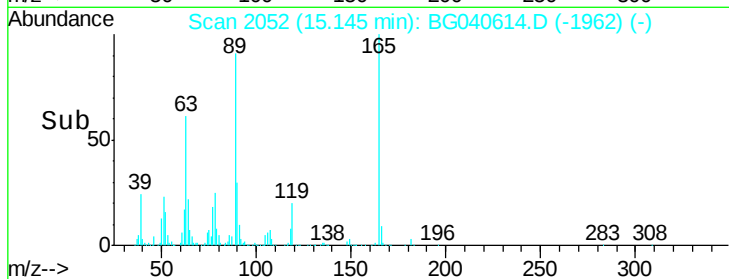
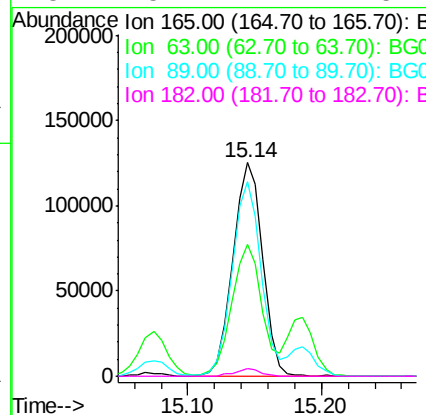
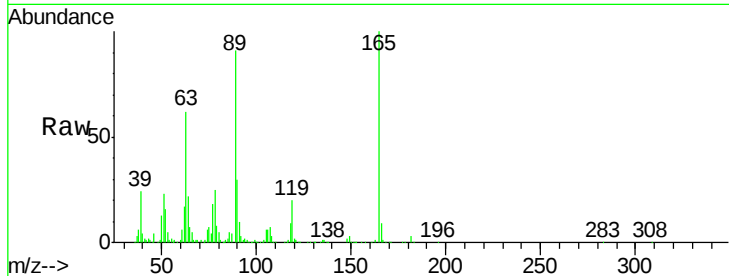




#57
 2,4-Dinitrotoluene
 Concen: 52.316 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

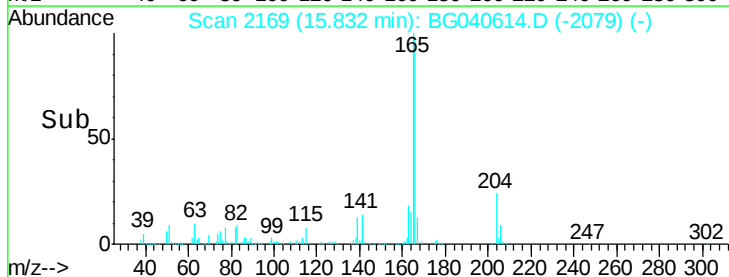
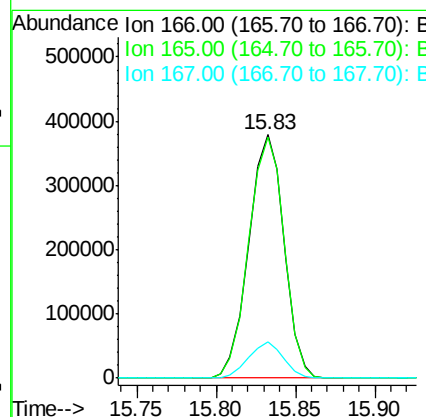
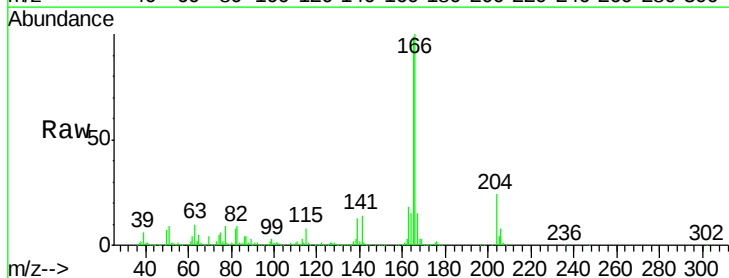
Instrument :
 BNA_G
 ClientSampleId :

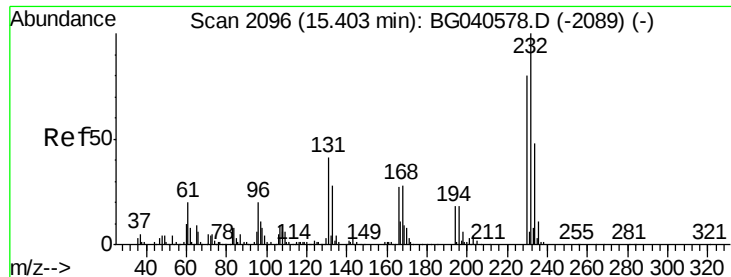
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.7	45.8	68.8
89	91.1	69.4	104.2
182	3.4	2.2	3.4



#58
 Fluorene
 Concen: 43.942 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.6	119.4
167	15.0	12.2	18.2

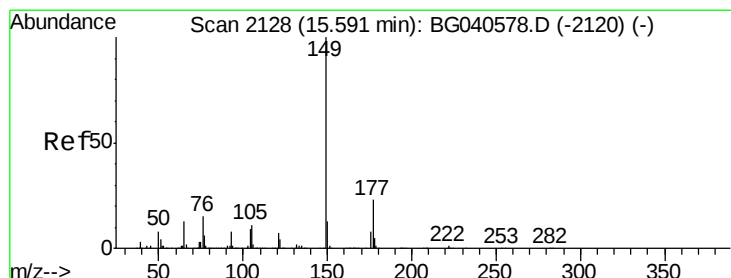
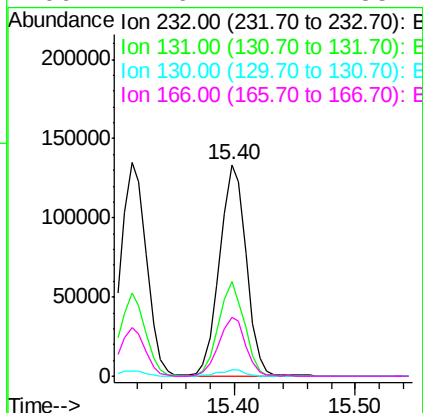
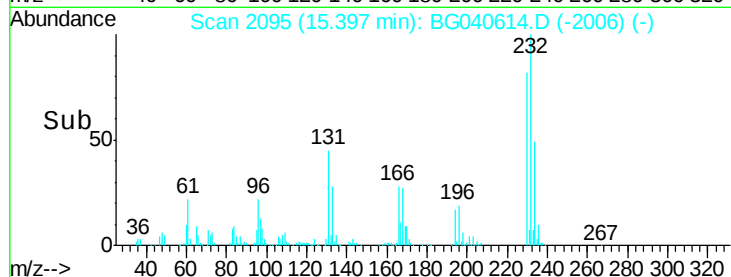
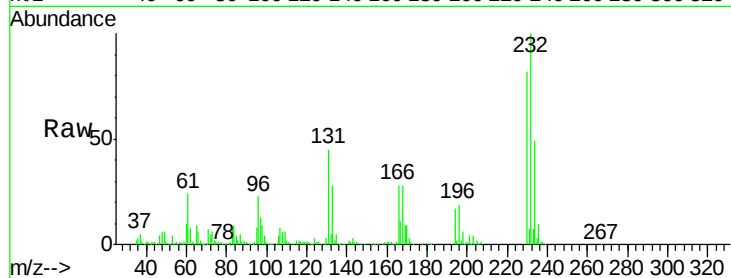




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.408 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

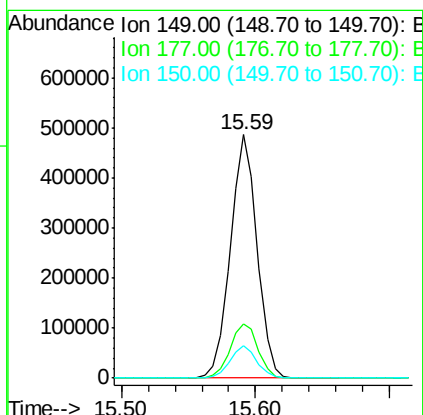
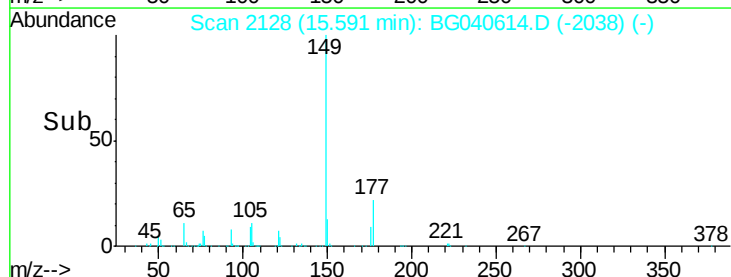
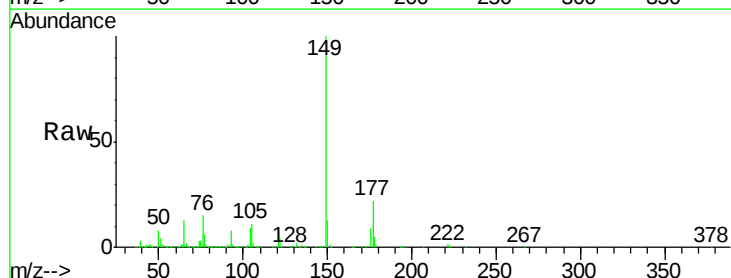
Instrument :
 BNA_G
 ClientSampleId :

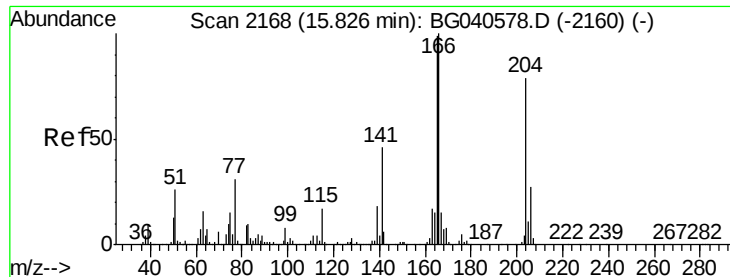
Tot Ion:232	Resp:	204046
Ion Ratio	Lower	Upper
232	100	
131	42.9	33.0 49.4
130	2.9	2.0 3.0
166	27.6	22.1 33.1



#60
 Diethylphthalate
 Concen: 45.778 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion:149	Resp:	676123
Ion Ratio	Lower	Upper
149	100	
177	22.3	18.5 27.7
150	13.3	10.2 15.4

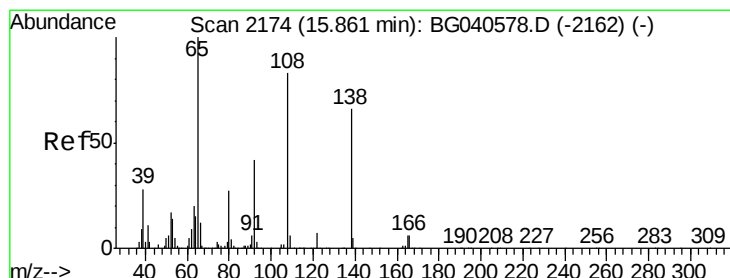
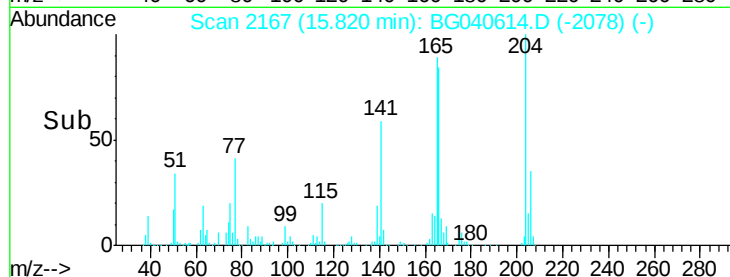
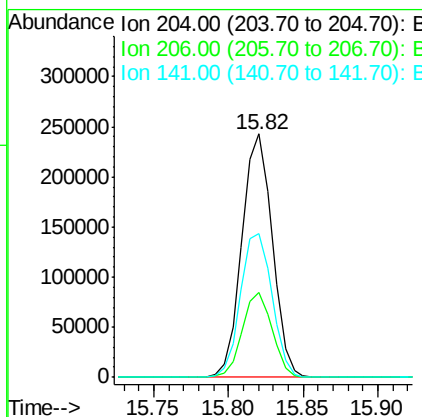
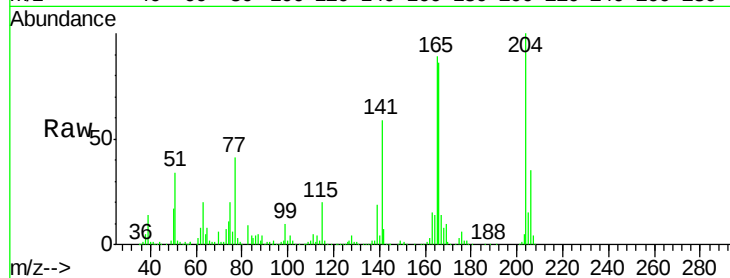




#61
4-Chlorophenyl-phenylether
Concen: 44.338 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

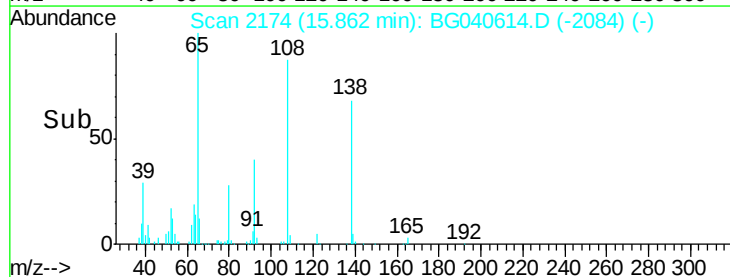
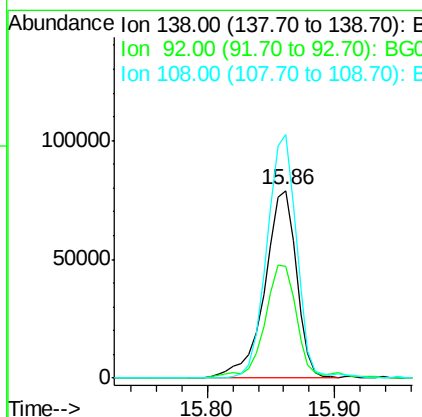
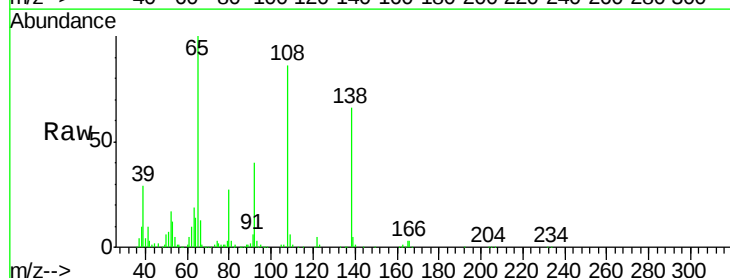
Instrument :
BNA_G
ClientSampleId :

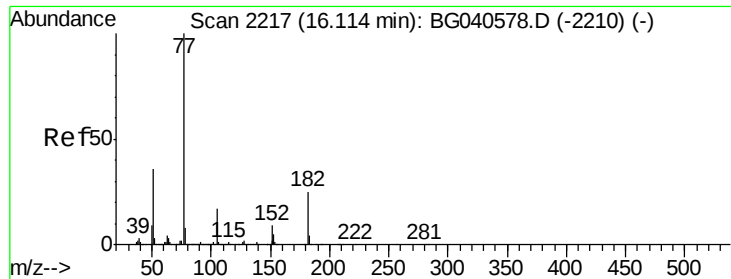
Tot Ion:204 Resp: 342910
Ion Ratio Lower Upper
204 100
206 34.7 27.4 41.2
141 59.1 46.0 69.0



#62
4-Nitroaniline
Concen: 43.946 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion:138 Resp: 137612
Ion Ratio Lower Upper
138 100
92 59.9 43.9 83.9
108 129.9 106.5 146.5

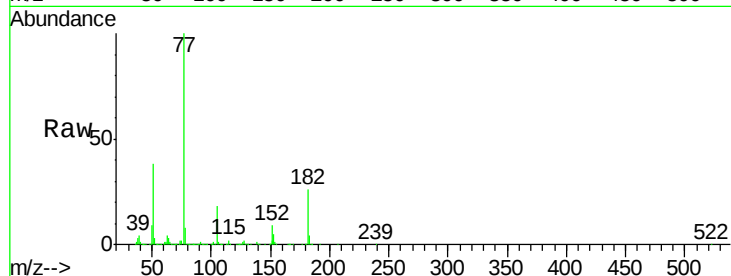




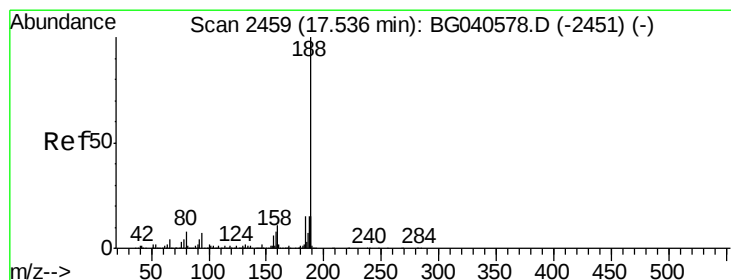
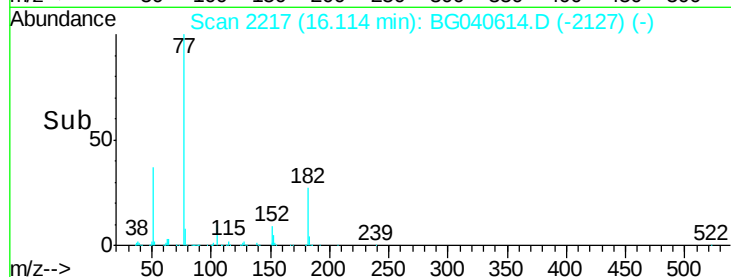
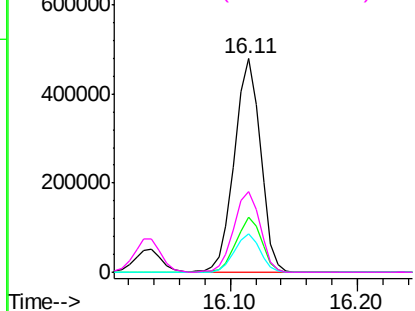
#63
Azobenzene
Concen: 44.938 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.0	45.0
105	17.7	0.0	37.6
51	38.0	16.3	56.3

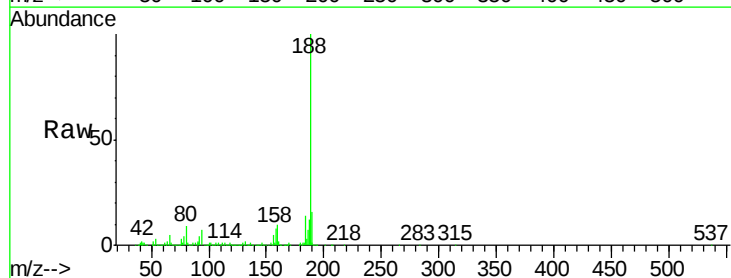


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

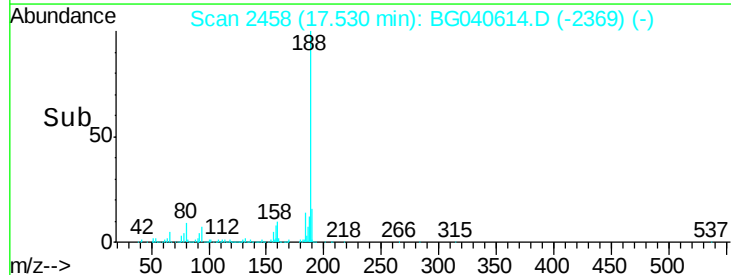
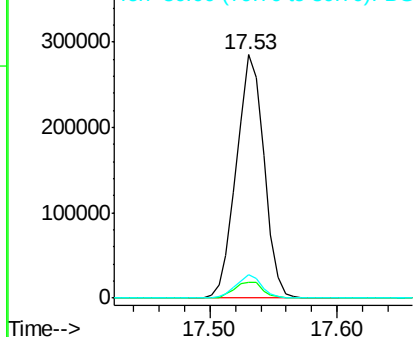


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.6	8.4
80	9.4	6.4	9.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 49.832 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

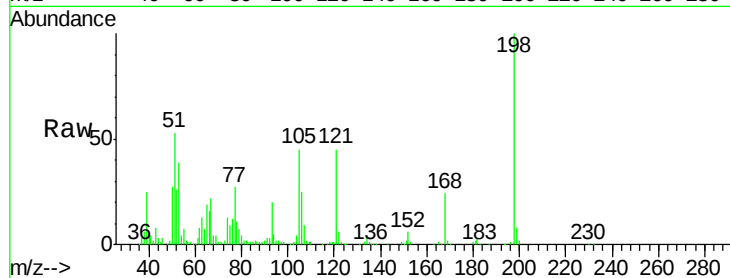
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 106197

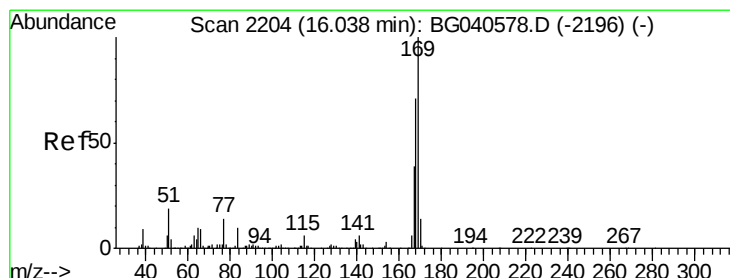
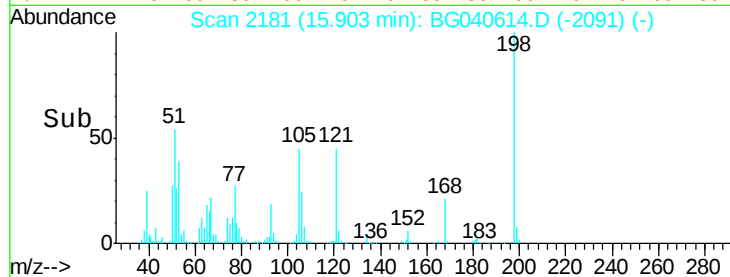
Ion	Ratio	Lower	Upper
198	100		
51	53.4	35.9	75.9
105	44.7	21.2	61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040578.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.864 ng

RT: 16.04 min Scan# 2204

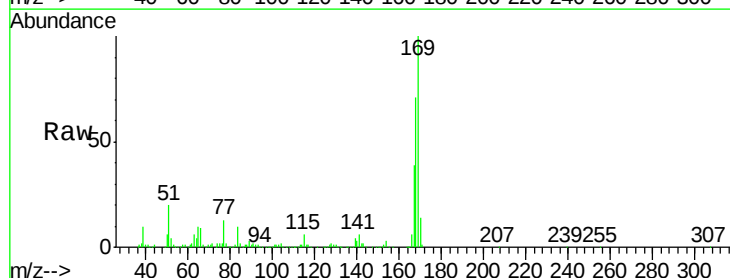
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:169 Resp: 554616

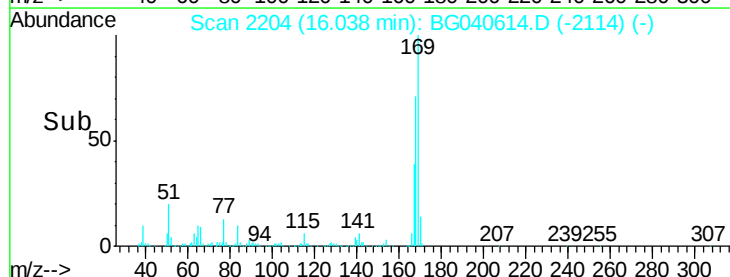
Ion	Ratio	Lower	Upper
169	100		
168	71.2	56.8	85.2
167	38.5	31.4	47.0



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

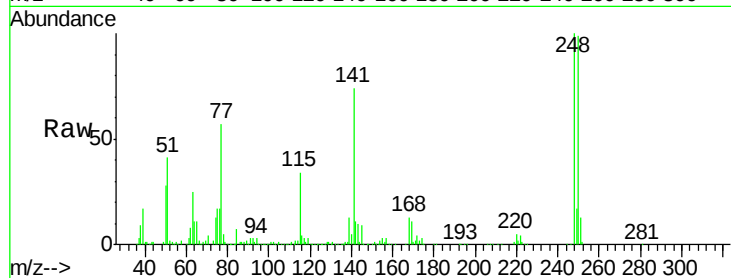




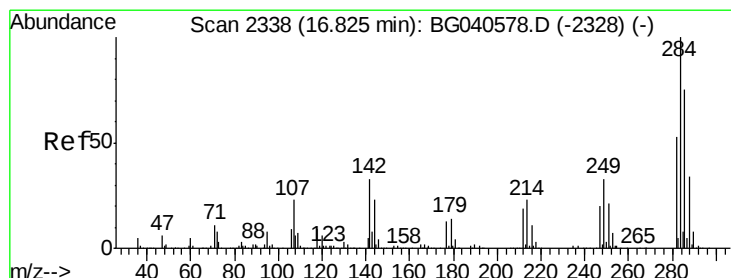
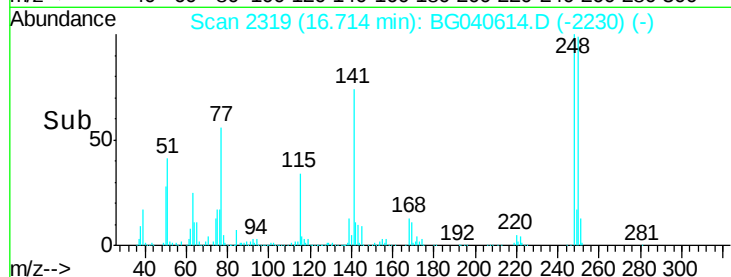
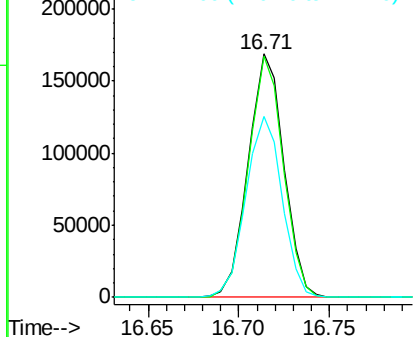
#67
4-Bromophenyl-phenylether
Concen: 43.052 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 230509
Ion Ratio Lower Upper
248 100
250 98.9 79.8 119.6
141 74.5 60.8 91.2

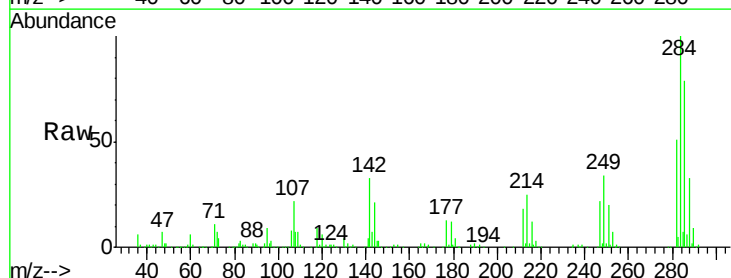


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

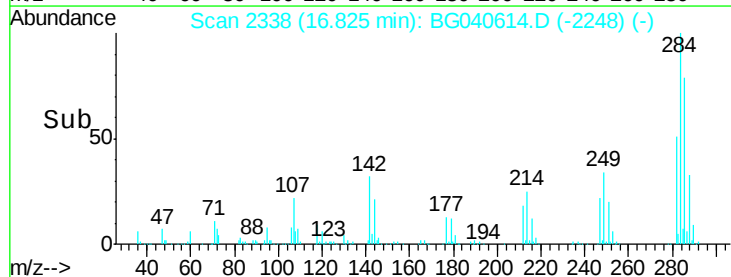
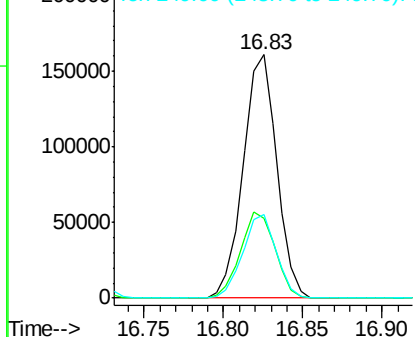


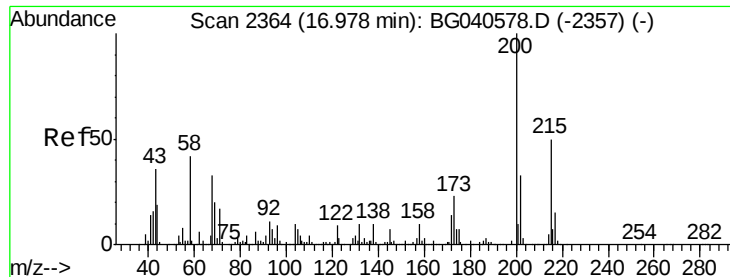
#68
Hexachlorobenzene
Concen: 42.675 ng
RT: 16.83 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion:284 Resp: 236264
Ion Ratio Lower Upper
284 100
142 32.5 26.6 40.0
249 34.2 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: 46.221 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampled :

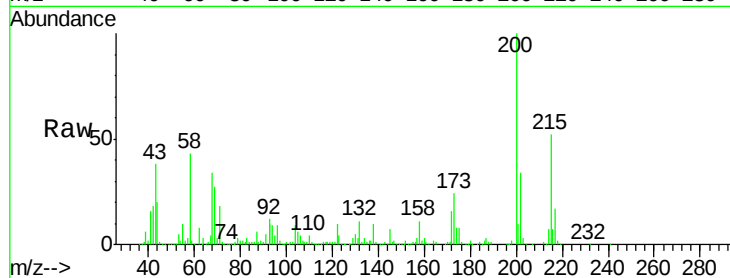
Tot Ion:200 Resp: 231547

Ion Ratio Lower Upper

200 100

173 24.1 2.8 42.8

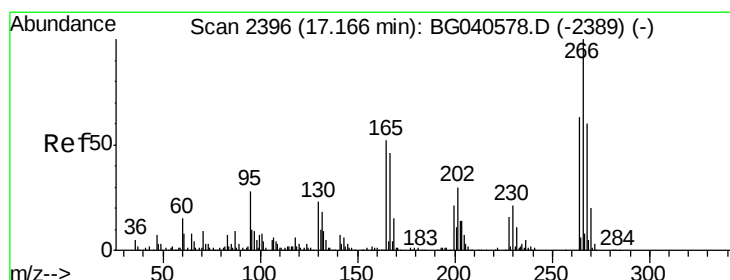
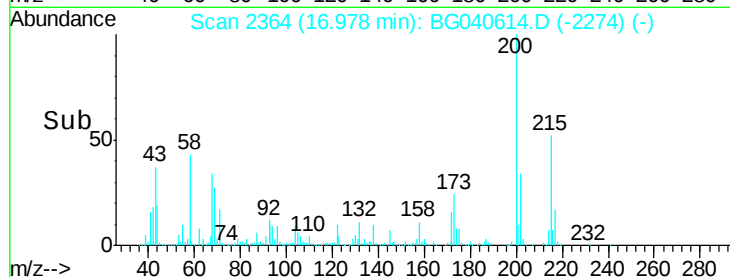
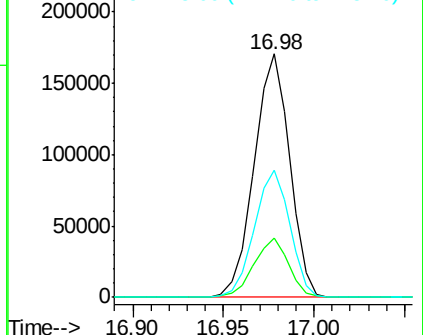
215 52.4 30.2 70.2



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: 93.135 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

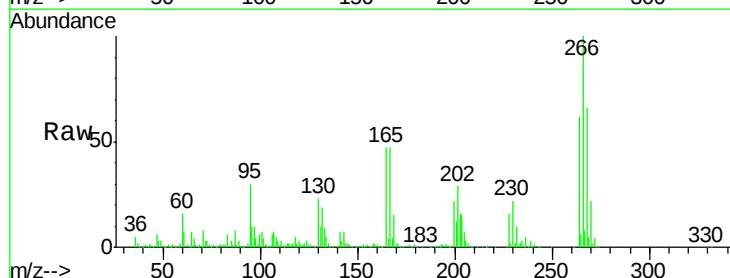
Tgt Ion:266 Resp: 301727

Ion Ratio Lower Upper

266 100

268 65.8 52.3 78.5

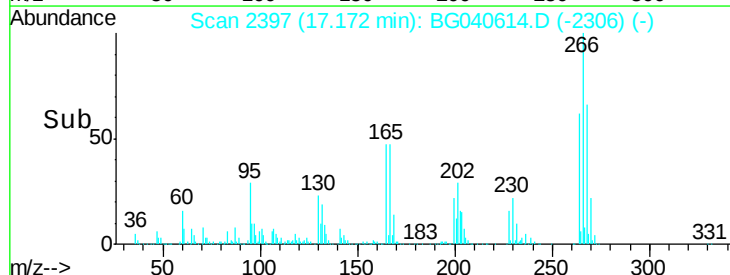
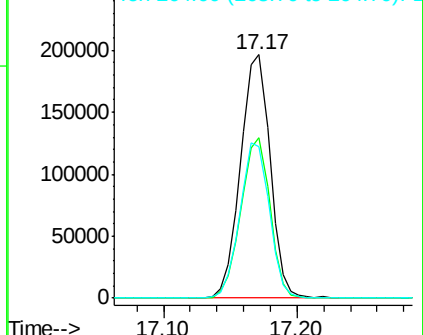
264 62.5 50.0 75.0

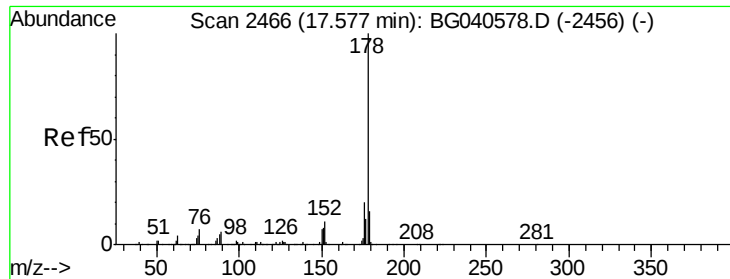


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.534 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

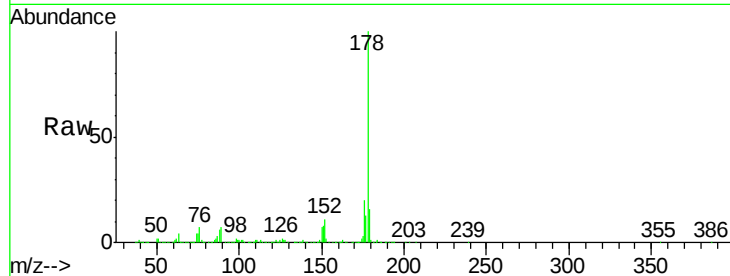
Tot Ion:178 Resp: 1007728

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

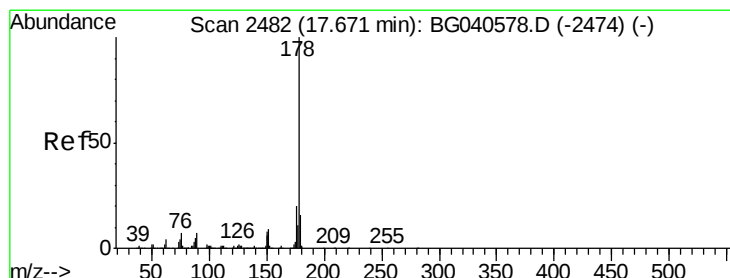
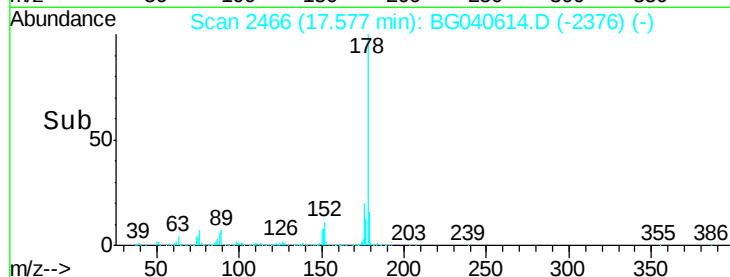
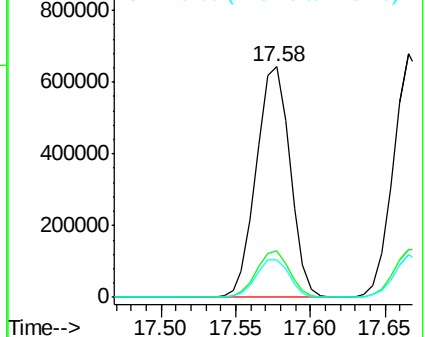
179 16.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.444 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

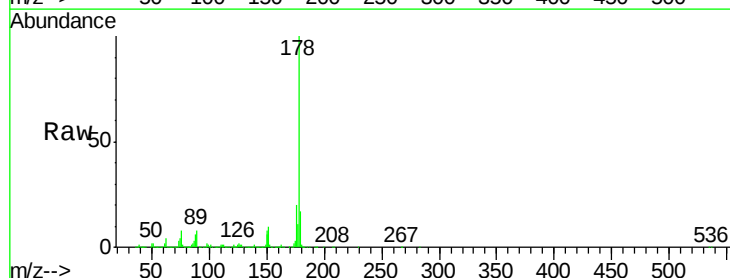
Tgt Ion:178 Resp: 1034112

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

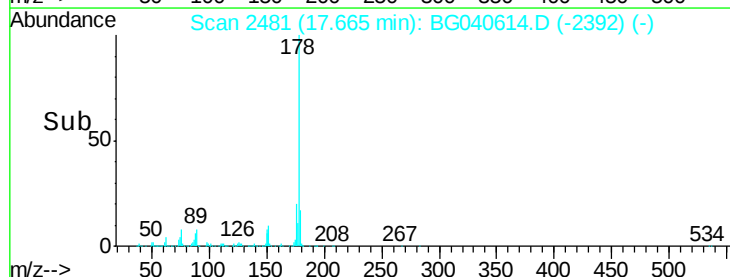
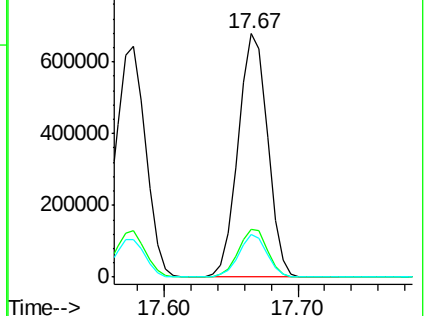
179 17.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

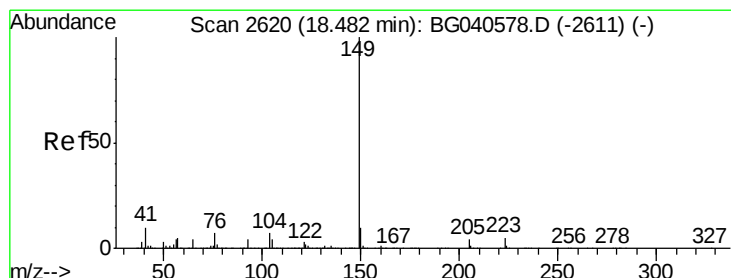
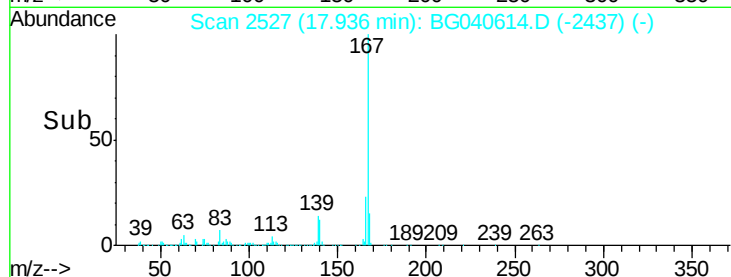
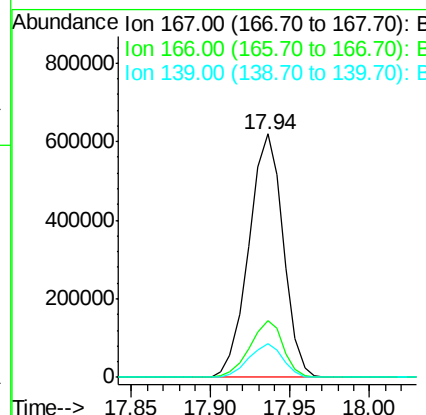
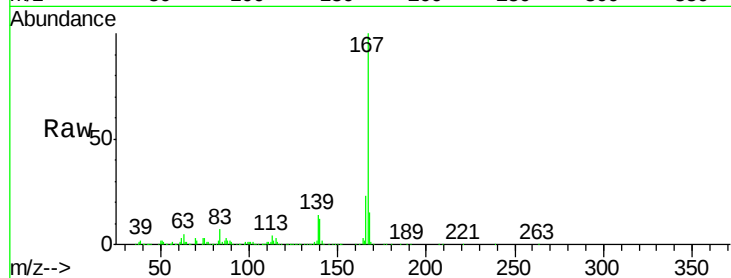




#73
 Carbazole
 Concen: 44.009 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

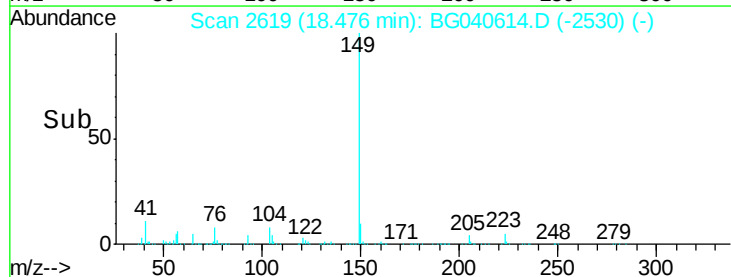
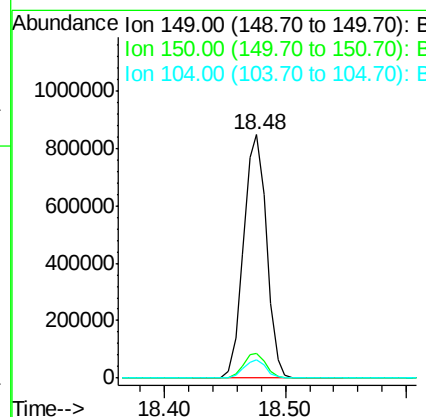
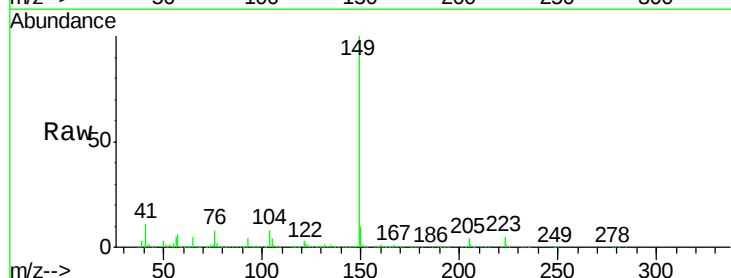
Instrument :
 BNA_G
 ClientSampleId :

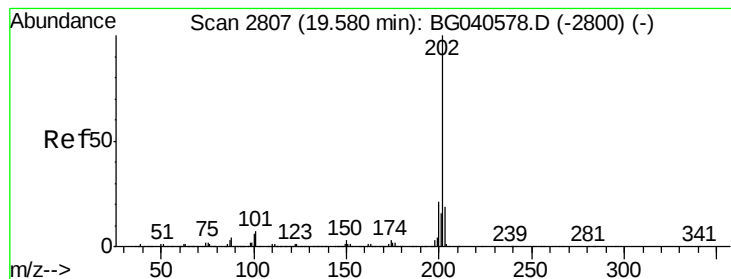
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.8	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 44.086 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	7.7	5.4	8.2





#75

Fluoranthene

Concen: 44.234 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

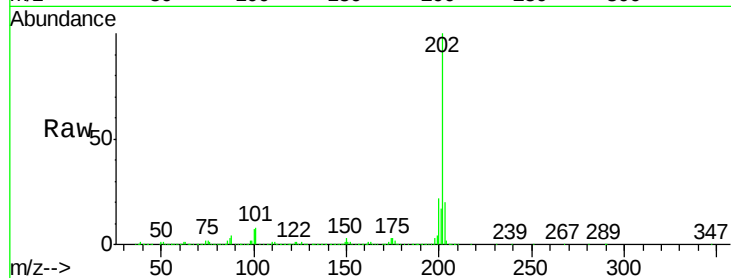
Tot Ion:202 Resp: 1276006

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.5

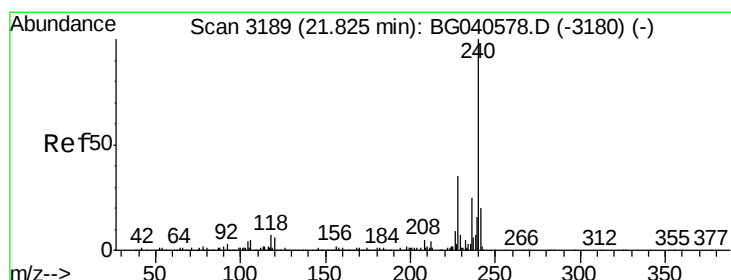
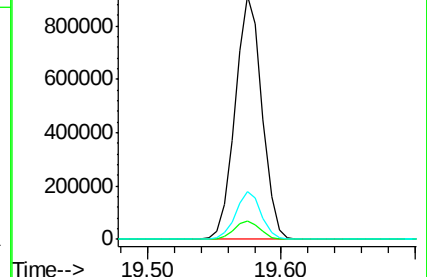
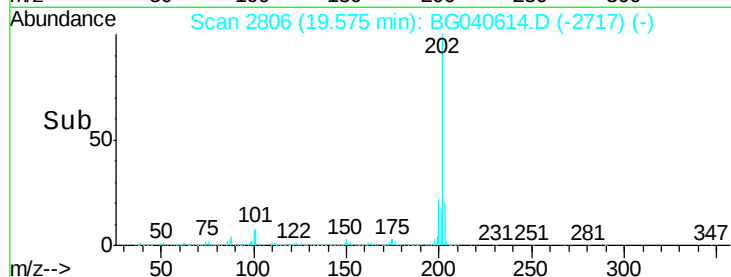
203 19.9 0.0 39.3



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: BG040614.D

Acq: 25 Apr 2019 17:23

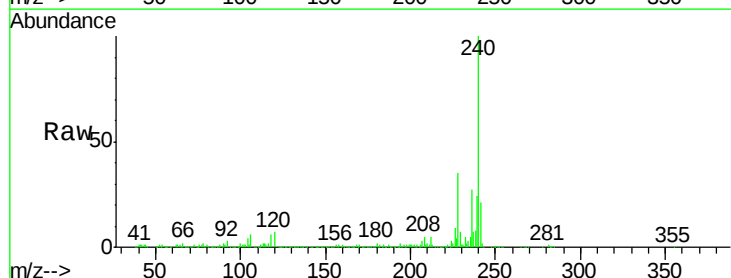
Tgt Ion:240 Resp: 411403

Ion Ratio Lower Upper

240 100

120 7.0 5.0 7.6

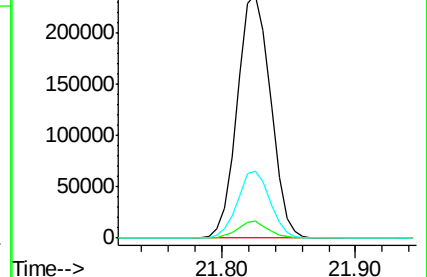
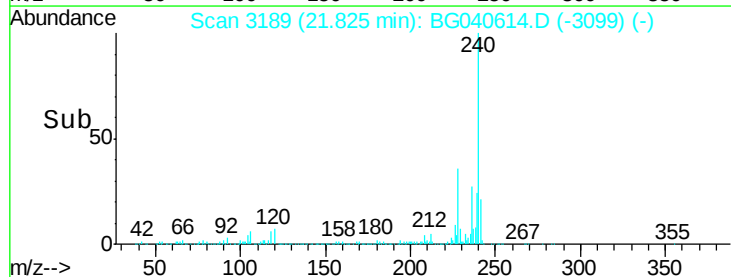
236 27.3 20.3 30.5



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: 32.832 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

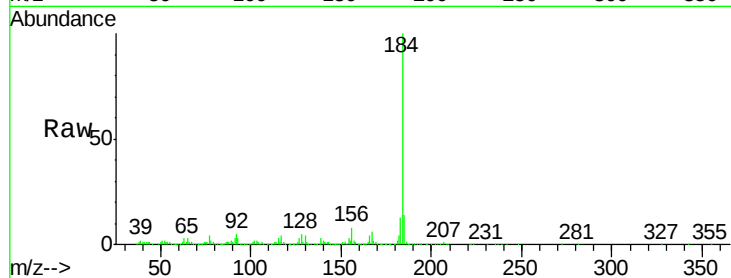
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 369832

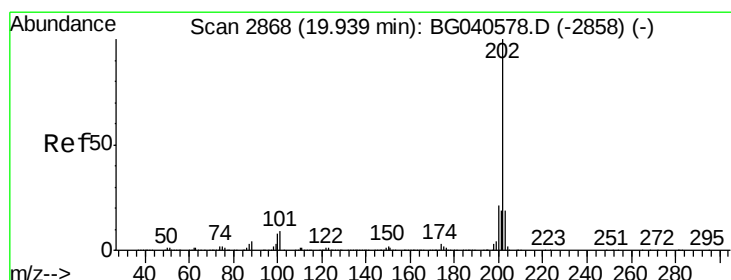
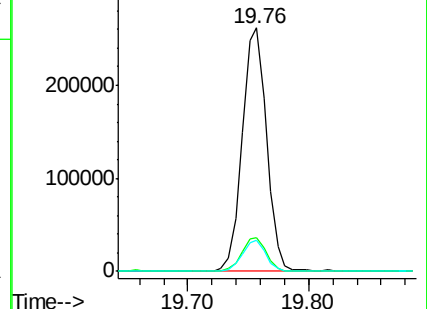
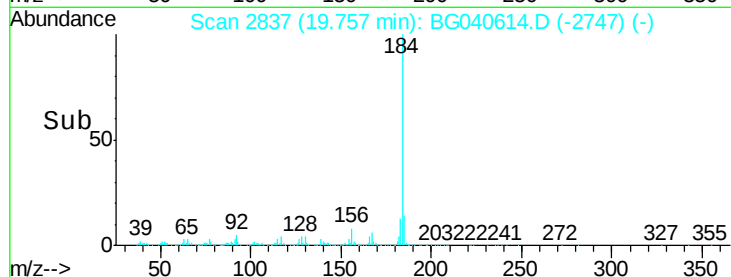
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.8	17.8
183	12.8	10.2	15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.562 ng

RT: 19.94 min Scan# 2868

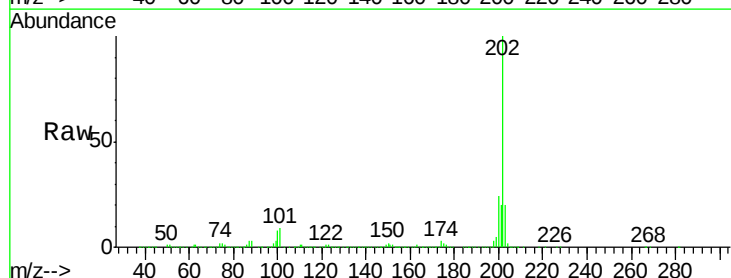
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:202 Resp: 1277949

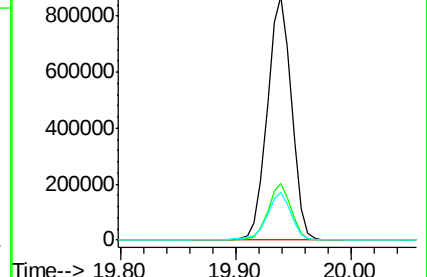
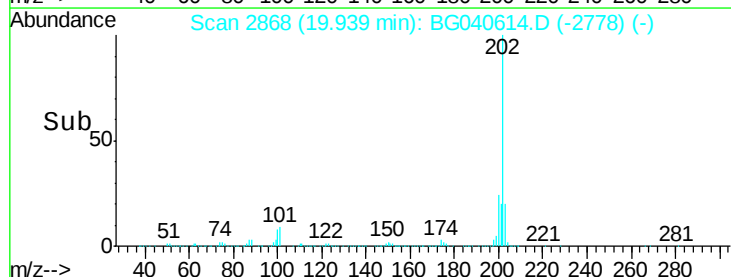
Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.2	25.8
203	19.6	15.0	22.4

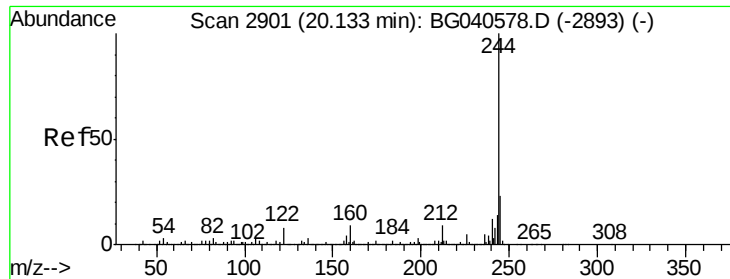


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.365 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

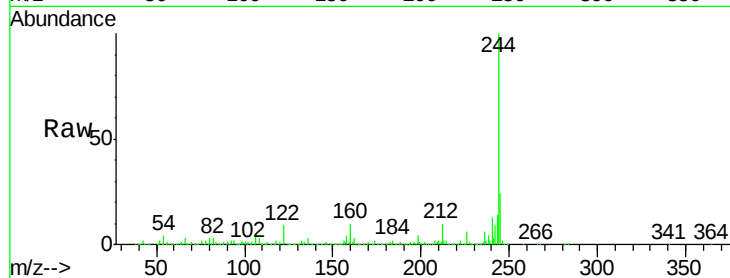
Tot Ion:244 Resp: 1789499

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.2	10.8
122	8.8	6.6	10.0

244 100

212 10.0 7.2 10.8

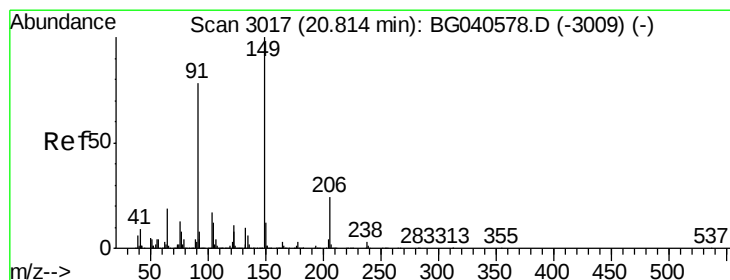
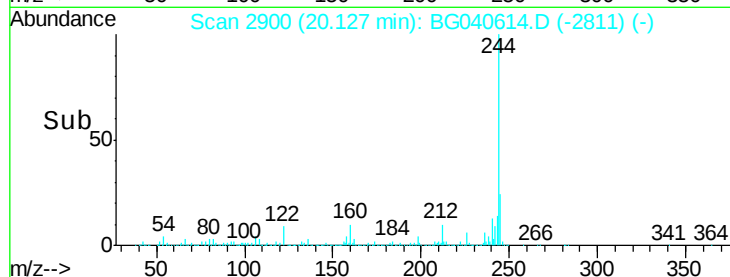
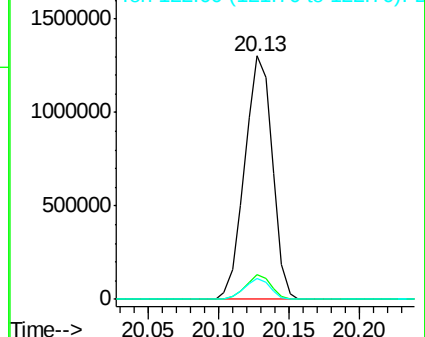
122 8.8 6.6 10.0



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: 51.758 ng

RT: 20.81 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

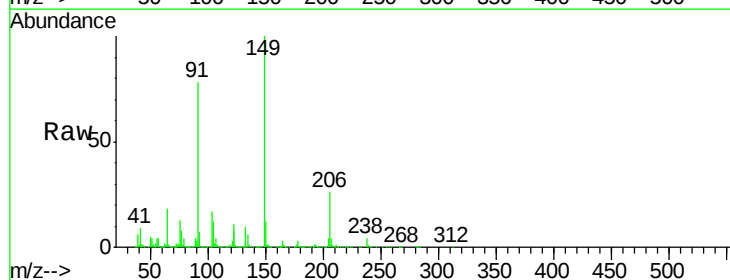
Tgt Ion:149 Resp: 520158

Ion	Ratio	Lower	Upper
149	100		
91	77.9	62.6	93.8
206	26.0	19.4	29.2

149 100

91 77.9 62.6 93.8

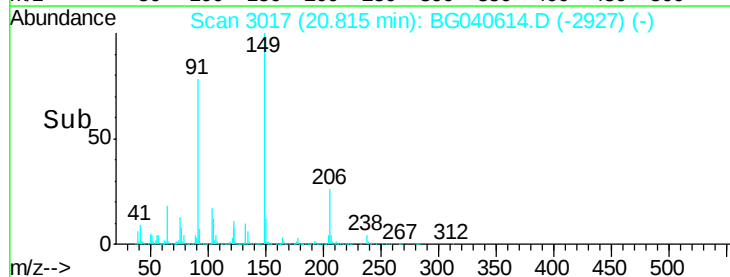
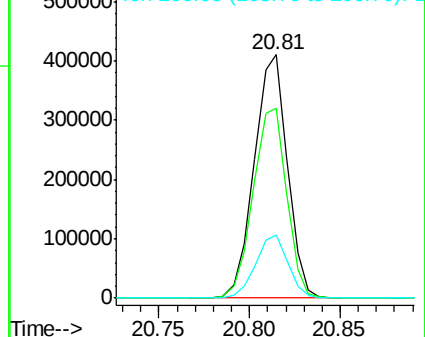
206 26.0 19.4 29.2

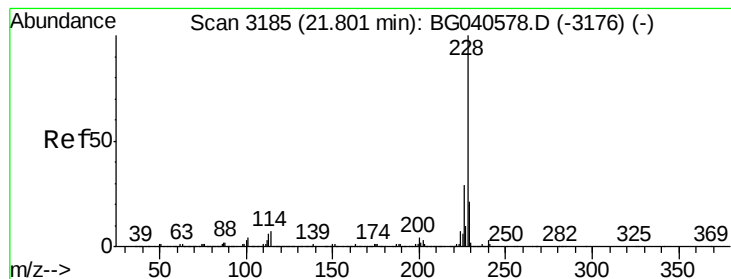


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.476 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

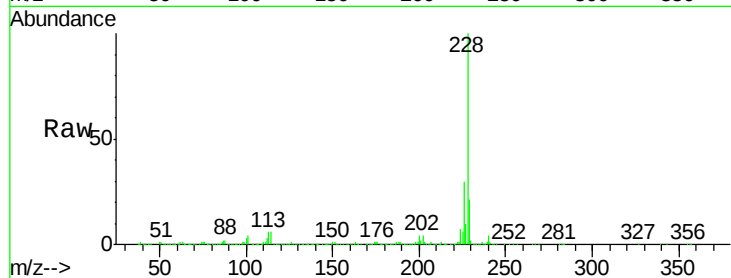
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1234424

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.1	34.7
229	21.3	17.0	25.4

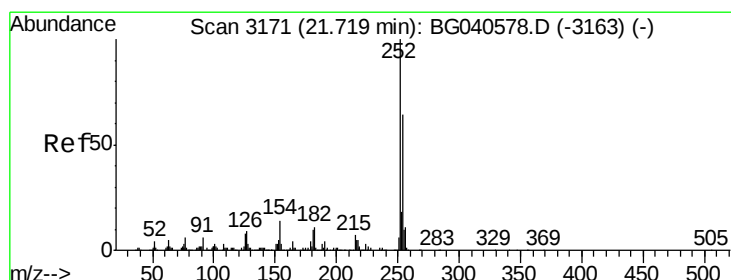
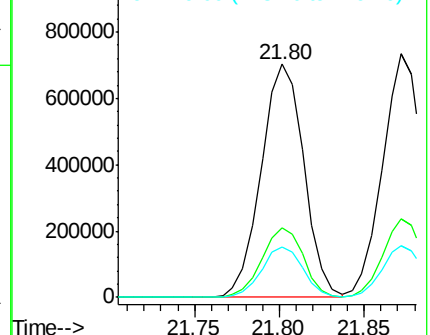
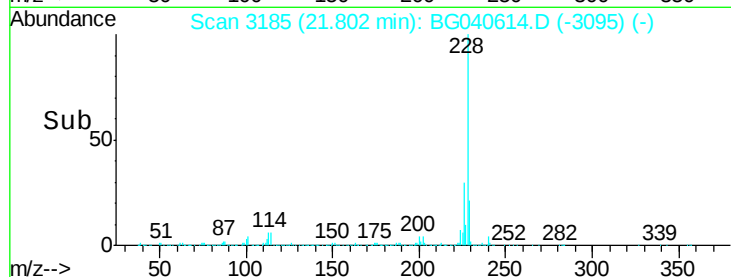


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.799 ng

RT: 21.71 min Scan# 3170

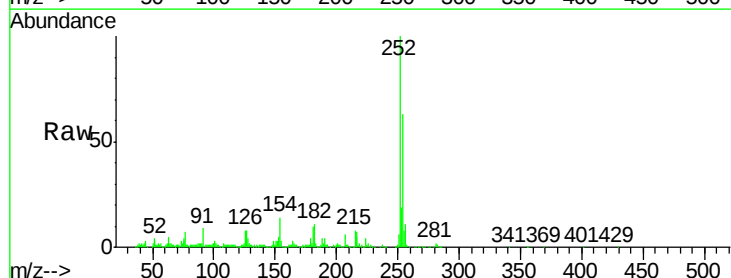
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:252 Resp: 174220

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.2	76.8
126	8.1	6.6	10.0

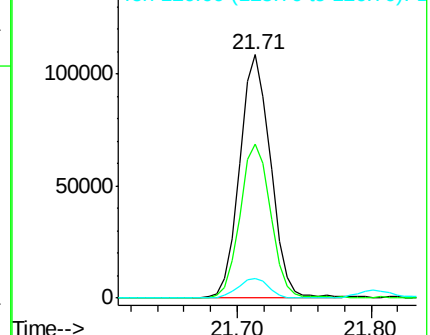
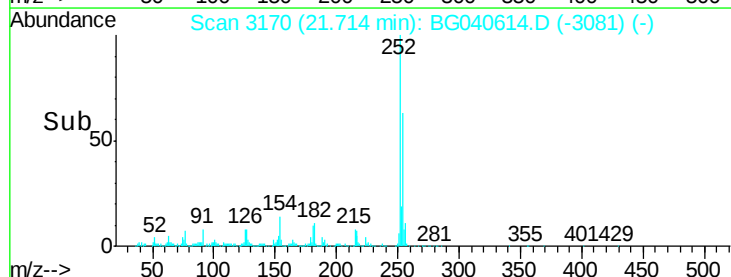


Abundance

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: 48.628 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampled :

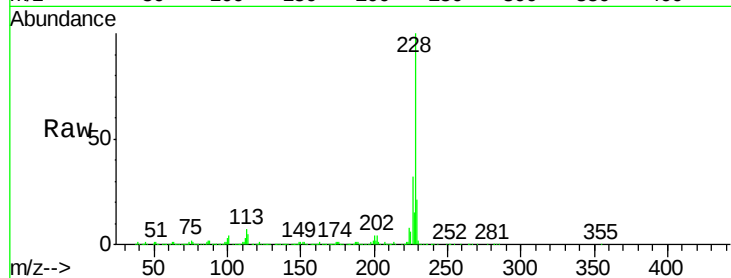
Tot Ion:228 Resp: 1202448

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	21.3	16.8	25.2

228 100

226 32.5 25.5 38.3

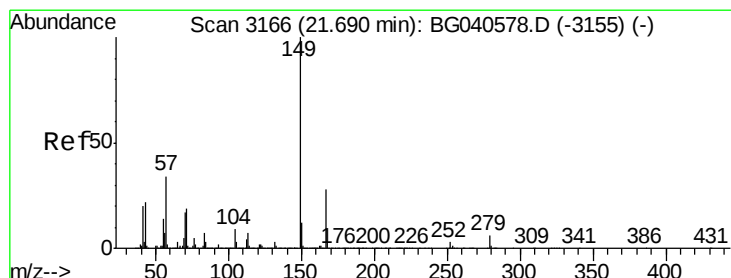
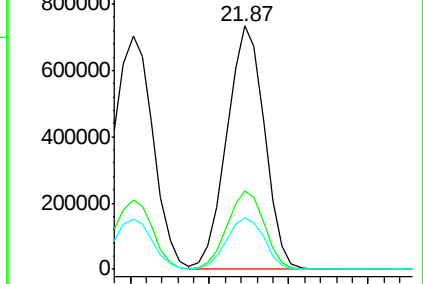
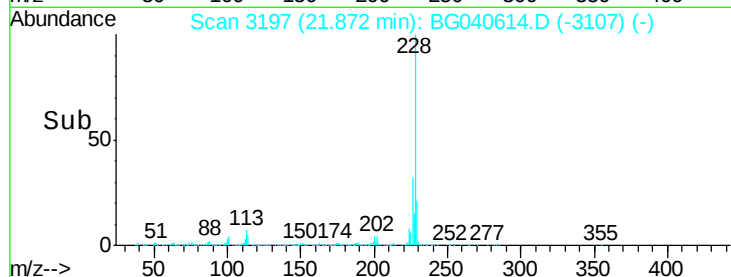
229 21.3 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.707 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

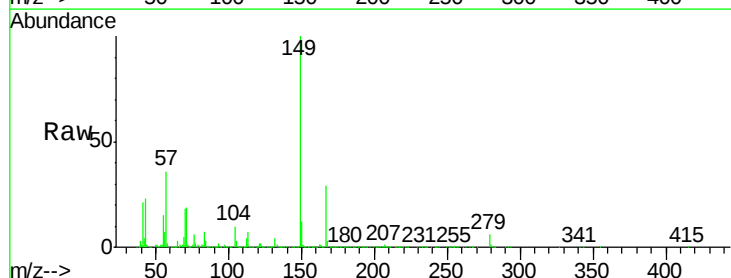
Tgt Ion:149 Resp: 721102

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.4	33.6
279	5.9	4.6	6.8

149 100

167 29.2 22.4 33.6

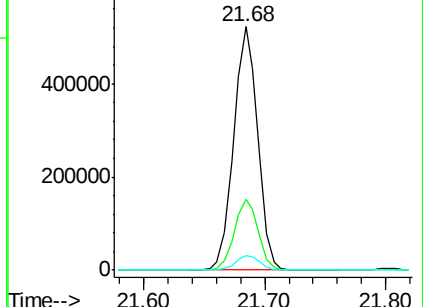
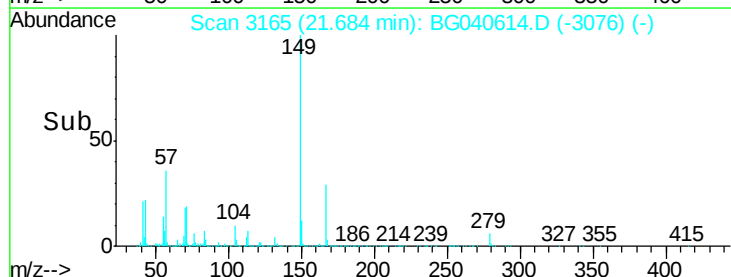
279 5.9 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.676 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampled :

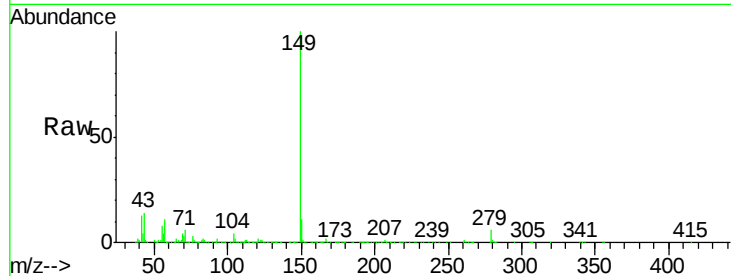
Tot Ion:149 Resp: 1213665

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

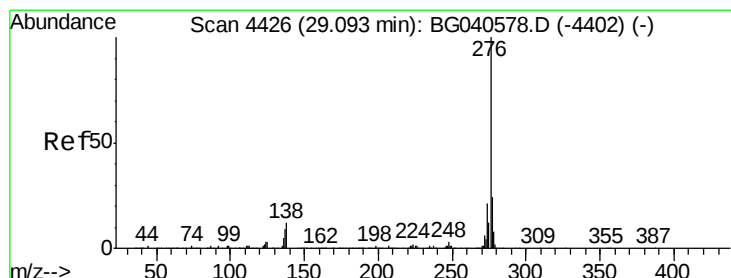
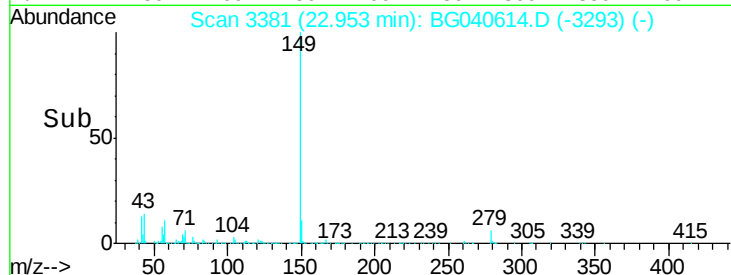
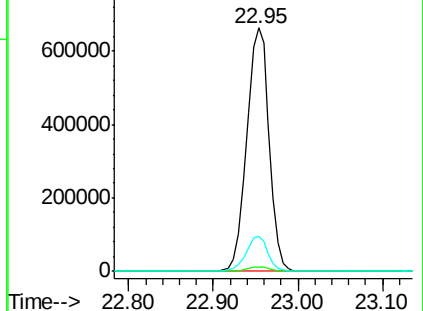
43 13.7 10.2 15.2



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: 49.863 ng

RT: 29.10 min Scan# 4427

Delta R.T. 0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

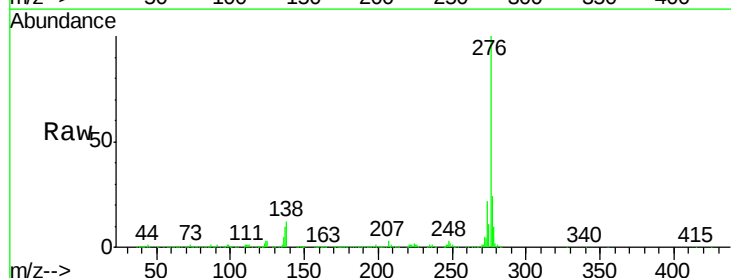
Tgt Ion:276 Resp: 1490740

Ion Ratio Lower Upper

276 100

138 10.9 9.8 14.6

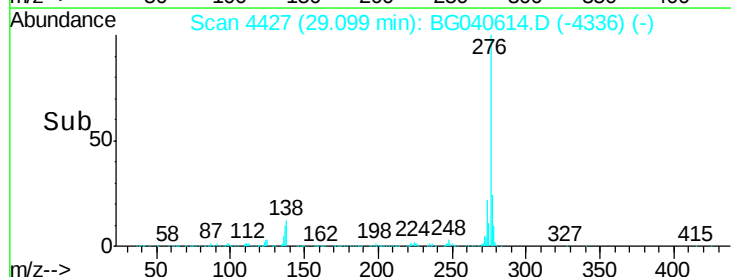
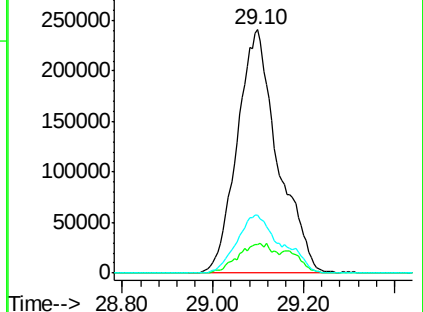
277 26.1 17.3 25.9#



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: 25.20 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampled :

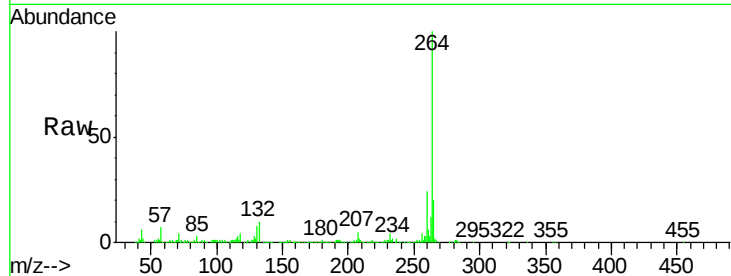
Tot Ion:264 Resp: 446012

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

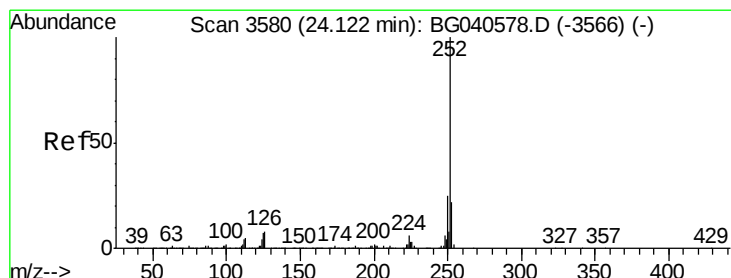
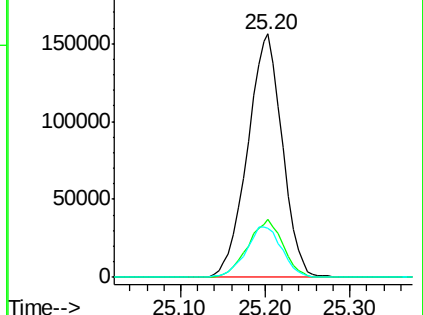
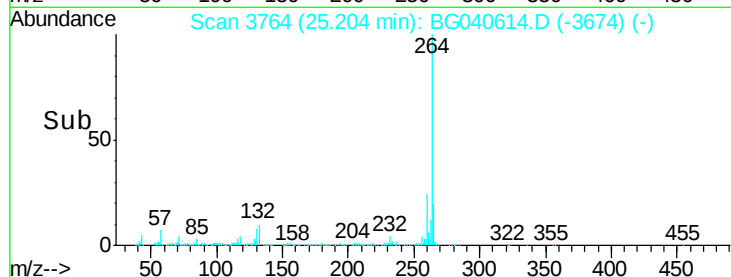
265 20.2 16.6 25.0



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: 46.971 ng

RT: 24.12 min Scan# 3580

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

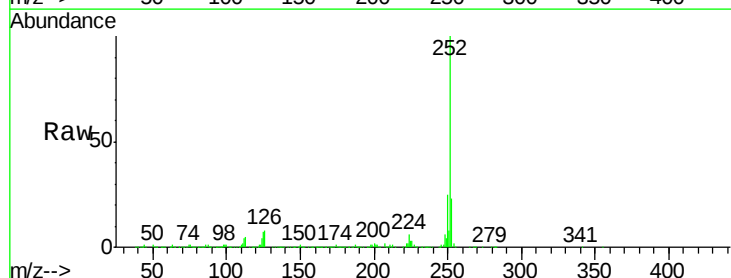
Tgt Ion:252 Resp: 1280215

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

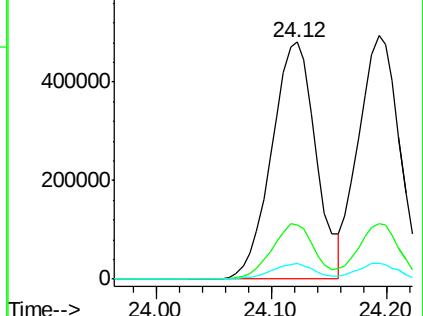
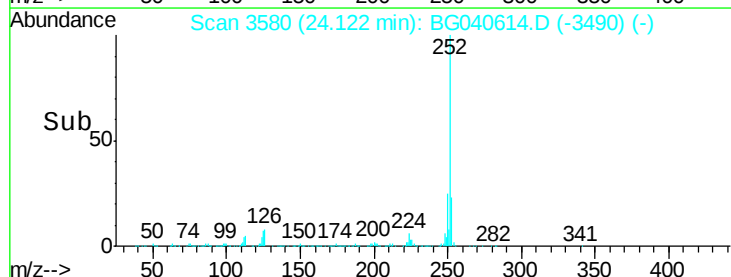
125 6.9 5.4 8.0

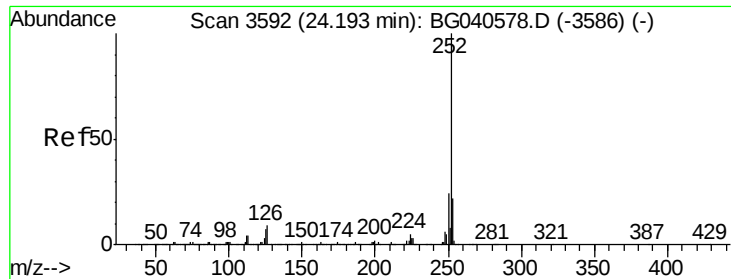


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

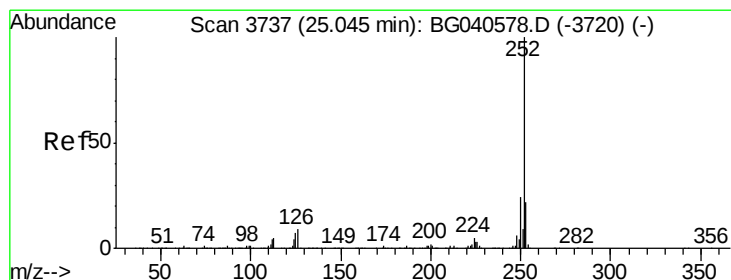
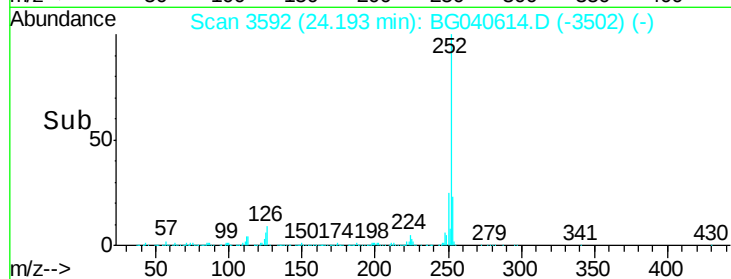
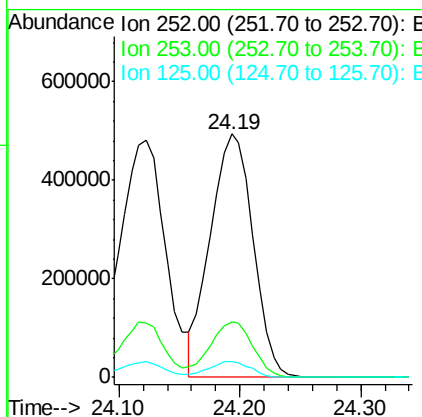
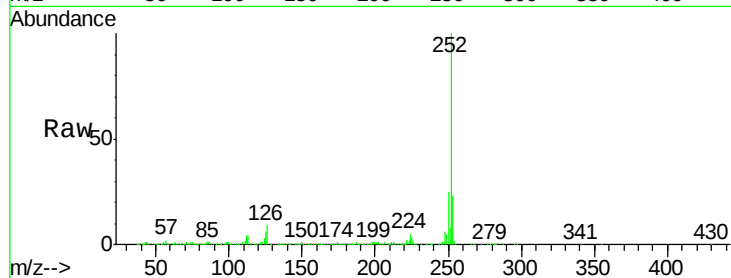




#89
Benzo(k)fluoranthene
Concen: 47.483 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

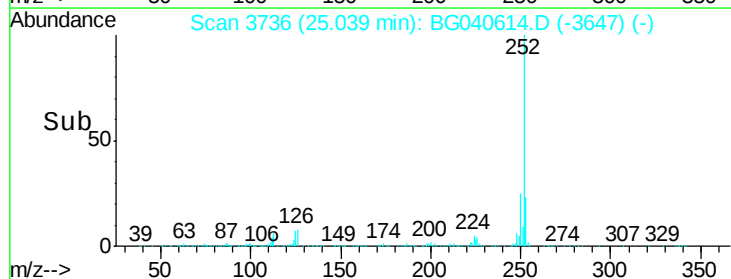
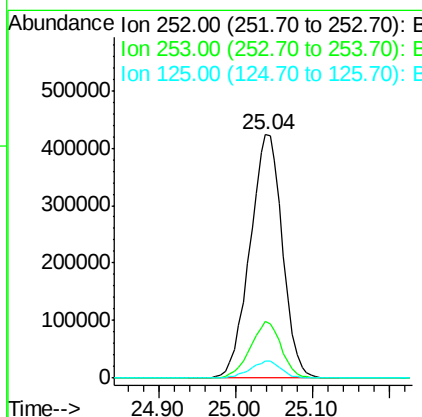
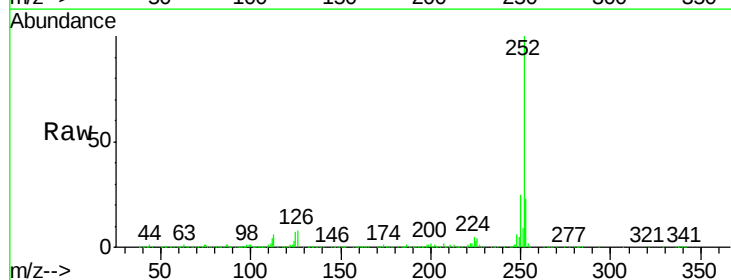
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1208613
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 6.4 5.5 8.3



#90
Benzo(a)pyrene
Concen: 48.197 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion:252 Resp: 1243454
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 6.9 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 46.652 ng

RT: 29.17 min Scan# 4439

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

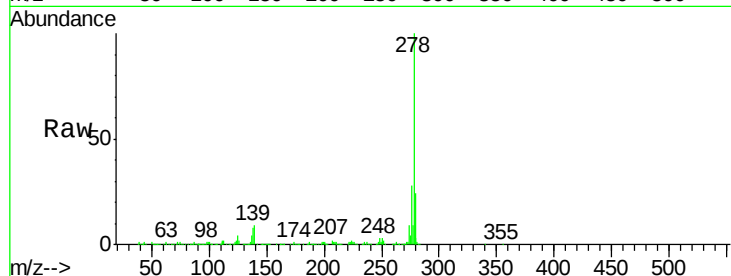
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1217997

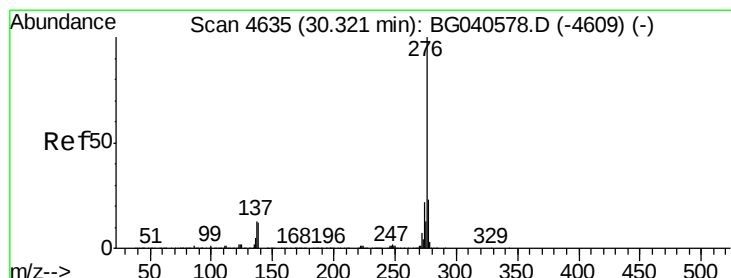
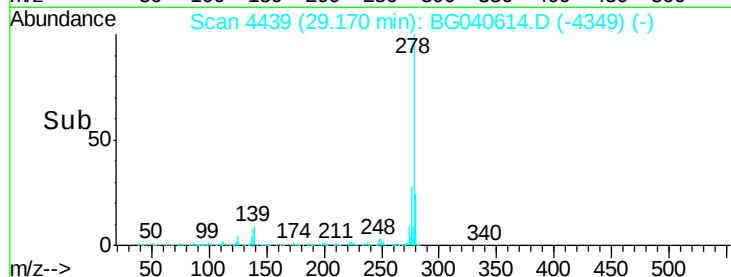
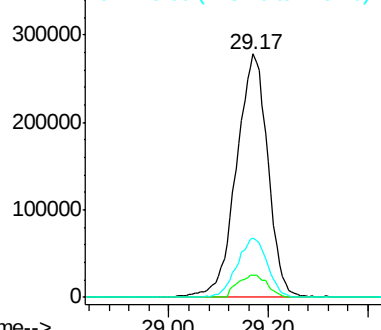
Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.2	12.4
279	24.4	18.5	27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.470 ng

RT: 30.32 min Scan# 4635

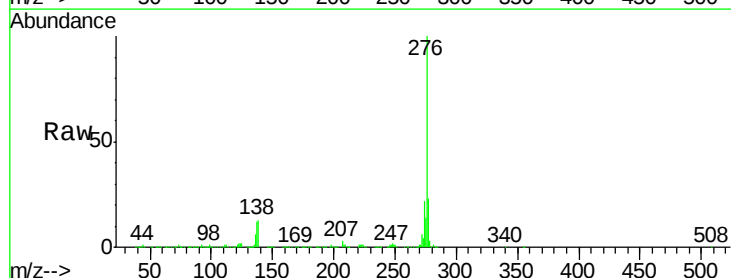
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:276 Resp: 1207472

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.4	27.6
138	13.2	9.8	14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

