

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041154.D
 Acq On : 9 Jun 2019 5:25
 Operator : HP/JU
 Sample : SOILBS03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 23:05:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	165520	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	686855	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	500978	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	1208624	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	1208623	20.00	ng	-0.02
87) Perylene-d12	25.10	264	1359037	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1045919	113.94	ng	-0.01
7) Phenol-d6	7.27	99	1475752	104.10	ng	0.00
23) Nitrobenzene-d5	9.29	82	1010387	65.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	838428	112.73	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	2186090	62.84	ng	-0.02
79) Terphenyl-d14	20.09	244	3201807	56.22	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	30402	7.299	ng	# 89
3) Pyridine	3.91	79	87939	7.135	ng	96
4) n-Nitrosodimethylamine	3.83	42	50387	8.809	ng	84
6) Aniline	7.44	93	110680	5.849	ng	96
8) 2-Chlorophenol	7.67	128	100211	9.157	ng	97
9) Benzaldehyde	7.25	77	34219	4.046	ng	86
10) Phenol	7.29	94	135053	8.885	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	92891	8.424	ng	96
12) 1,3-Dichlorobenzene	7.99	146	105749	8.091	ng	93
13) 1,4-Dichlorobenzene	8.14	146	110550	8.356	ng	95
14) 1,2-Dichlorobenzene	8.46	146	103981	8.095	ng	97
15) Benzyl Alcohol	8.35	79	113225	8.634	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	145106	8.053	ng	97
17) 2-Methylphenol	8.54	107	98010	8.906	ng	96
18) Hexachloroethane	9.19	117	42082	8.253	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	90075	8.257	ng	98
20) 3+4-Methylphenols	8.87	107	133218	8.739	ng	99
22) Acetophenone	8.93	105	172631	8.960	ng	# 96
24) Nitrobenzene	9.33	77	144993	9.196	ng	99
25) Isophorone	9.84	82	259132	8.801	ng	99
26) 2-Nitrophenol	10.03	139	63407	9.755	ng	95
27) 2,4-Dimethylphenol	10.08	122	108420	10.099	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	134069	8.436	ng	98
29) 2,4-Dichlorophenol	10.57	162	124200	9.111	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	137351	8.857	ng	94
31) Naphthalene	10.98	128	329101	8.924	ng	99
32) Benzoic acid	10.21	122	61854	14.285	ng	98
33) 4-Chloroaniline	11.09	127	70449	4.117	ng	96
34) Hexachlorobutadiene	11.24	225	96885	8.165	ng	98
35) Caprolactam	11.88	113	38496	8.551	ng	89
36) 4-Chloro-3-methylphenol	12.19	107	135730	8.718	ng	94
37) 2-Methylnaphthalene	12.57	142	257149	9.054	ng	99
38) 1-Methylnaphthalene	12.57	142	257149	9.608	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	191775	9.498	ng	97

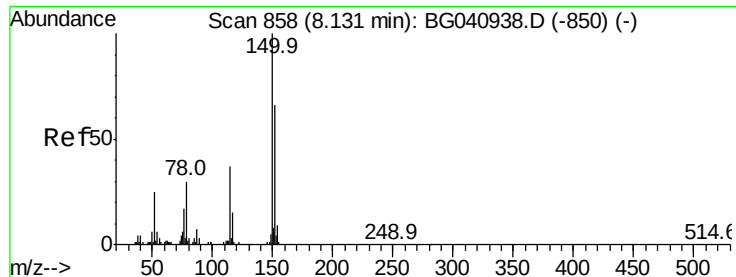
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	206575	25.308	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	119151	9.122	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	122936	8.924	ng	96
46) 1,1'-Biphenyl	13.57	154	344655	9.294	ng	98
47) 2-Chloronaphthalene	13.62	162	287905	9.044	ng	98
48) 2-Nitroaniline	13.83	65	97485	8.536	ng	97
49) Acenaphthylene	14.46	152	437084	9.122	ng	99
50) Dimethylphthalate	14.19	163	362904	8.557	ng	98
51) 2,6-Dinitrotoluene	14.32	165	81793	8.945	ng	98
52) Acenaphthene	14.80	154	250375	8.626	ng	97
53) 3-Nitroaniline	14.65	138	56236	6.151	ng	99
54) 2,4-Dinitrophenol	14.85	184	80138	27.474	ng	94
55) Dibenzofuran	15.13	168	445015	9.112	ng	100
56) 4-Nitrophenol	14.95	139	116823	18.628	ng	96
57) 2,4-Dinitrotoluene	15.10	165	111730	8.651	ng	97
58) Fluorene	15.78	166	347451	8.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	123527	9.124	ng	99
60) Diethylphthalate	15.54	149	369918	8.547	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	217069	8.586	ng	95
62) 4-Nitroaniline	15.81	138	77021	7.957	ng	95
63) Azobenzene	16.06	77	344695	8.763	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	63218	16.604	ng	95
66) n-Nitrosodiphenylamine	15.99	169	312318	9.192	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	143423	8.793	ng	96
68) Hexachlorobenzene	16.77	284	150854	8.686	ng	99
69) Atrazine	16.93	200	129789	9.900	ng	98
70) Pentachlorophenol	17.12	266	162106	20.752	ng	95
71) Phenanthrene	17.52	178	574470	9.125	ng	99
72) Anthracene	17.61	178	600397	9.670	ng	99
73) Carbazole	17.88	167	511792	9.606	ng	98
74) Di-n-butylphthalate	18.42	149	611541	9.235	ng	99
75) Fluoranthene	19.53	202	763892	9.824	ng	100
77) Benzidine	19.71	184	230843	8.006	ng	98
78) Pyrene	19.89	202	767171	9.764	ng	98
80) Butylbenzylphthalate	20.75	149	283166	9.261	ng	99
81) Benzo(a)anthracene	21.74	228	737448	9.166	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	184428	6.517	ng	96
83) Chrysene	21.81	228	713018	9.261	ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	392873	9.128	ng	96
85) Di-n-octyl phthalate	22.84	149	665391	9.282	ng	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	813670	8.627	ng	# 99
88) Benzo(b)fluoranthene	24.02	252	730196	8.858	ng	99
89) Benzo(k)fluoranthene	24.09	252	723428	8.869	ng	99
90) Benzo(a)pyrene	24.93	252	722216	9.183	ng	97
91) Dibenzo(a,h)anthracene	28.96	278	696439	8.863	ng	99
92) Benzo(g,h,i)perylene	30.10	276	658026	8.619	ng	99

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

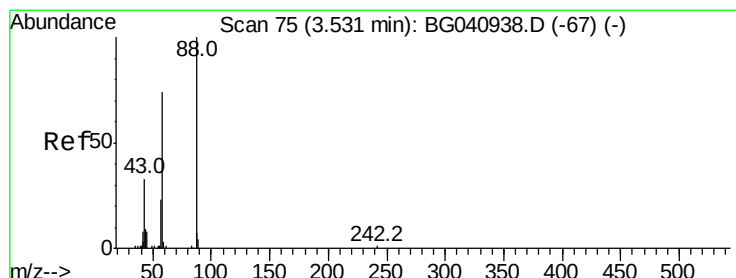
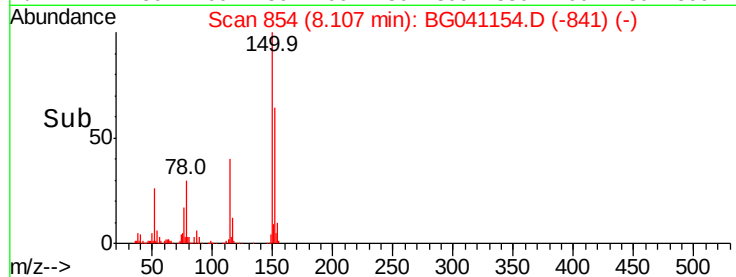
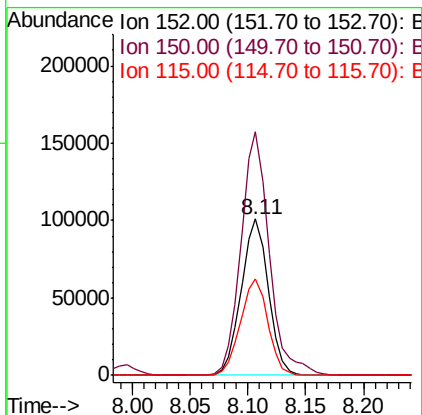
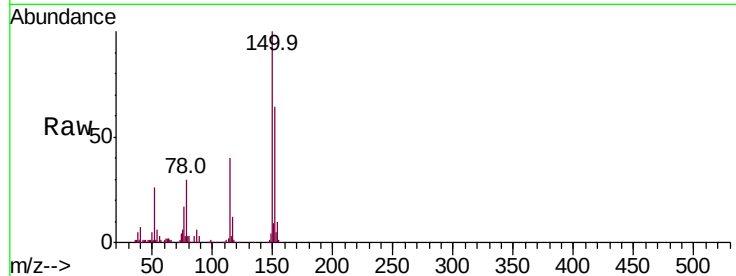


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Instrument :
BNA_G
ClientSampleId :

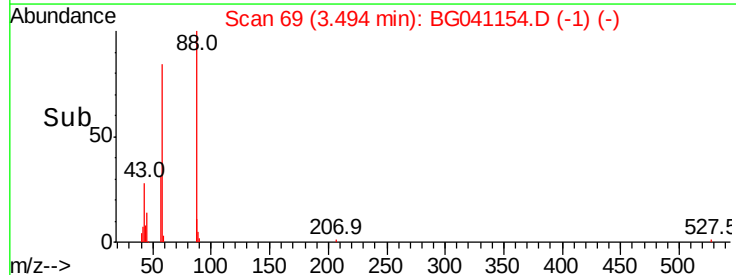
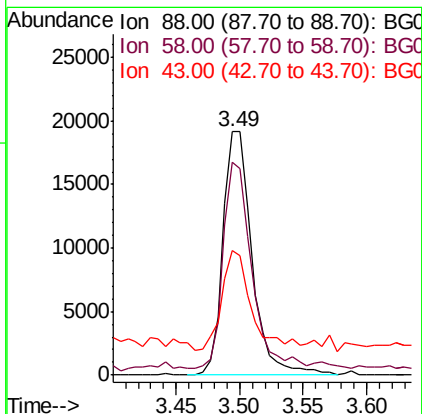
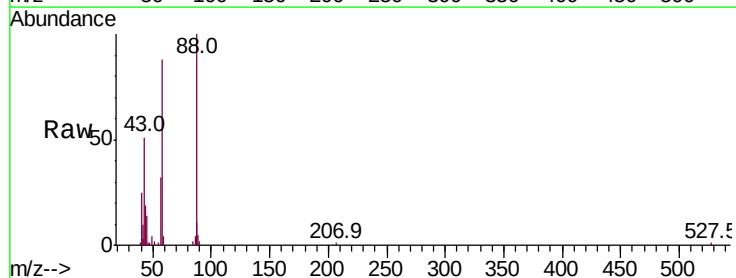
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	120.6	180.8
115	62.2	45.1	67.7

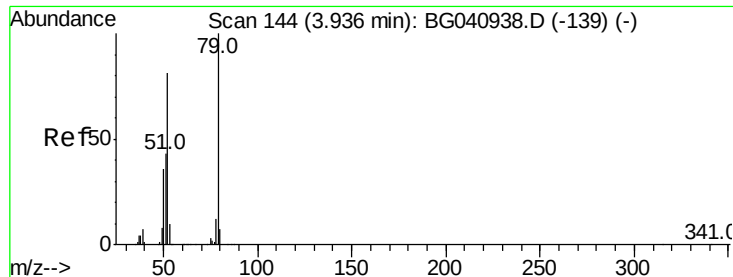


#2

1,4-Dioxane
Concen: 7.299 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.04 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	59.0	88.6
43	41.9	27.2	40.8#





#3

Pvridine

Concen: 7.135 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

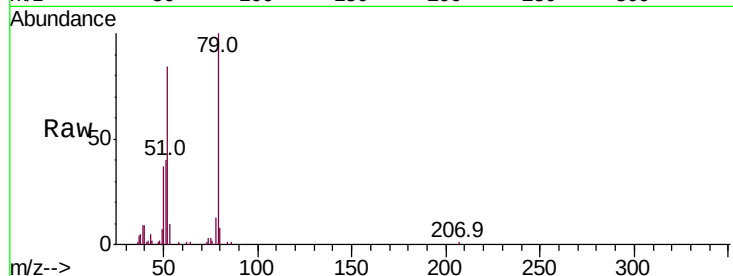
Tot Ion: 79 Resp: 87939

Ion Ratio Lower Upper

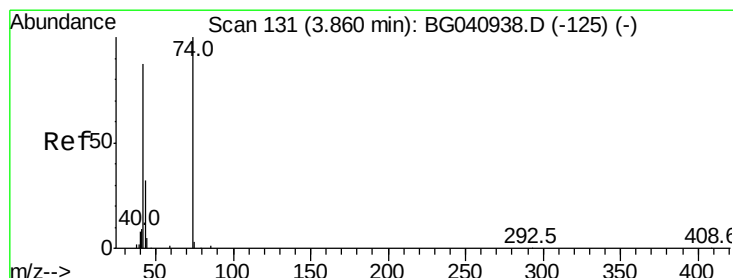
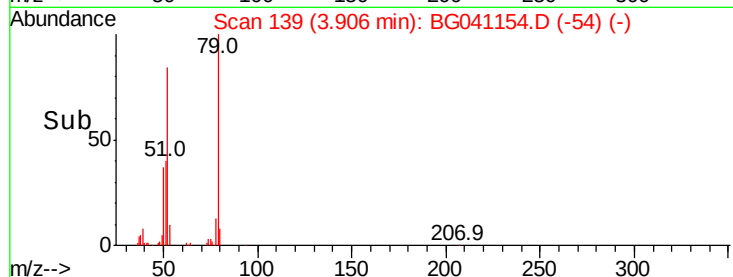
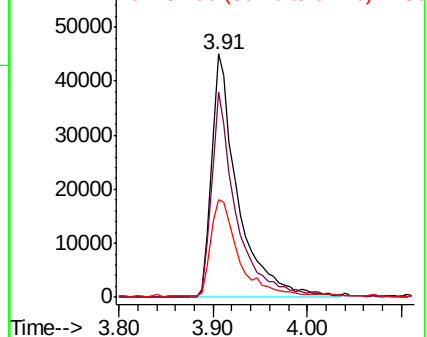
79 100

52 84.1 64.8 97.2

51 40.3 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 8.809 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

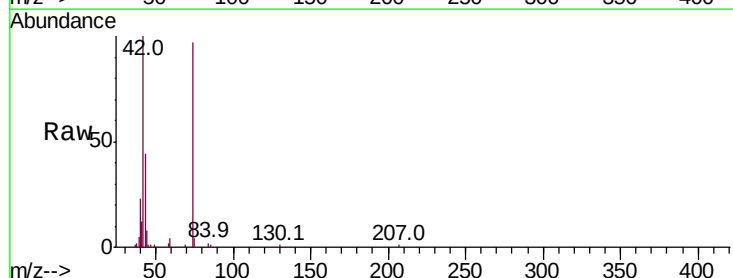
Tgt Ion: 42 Resp: 50387

Ion Ratio Lower Upper

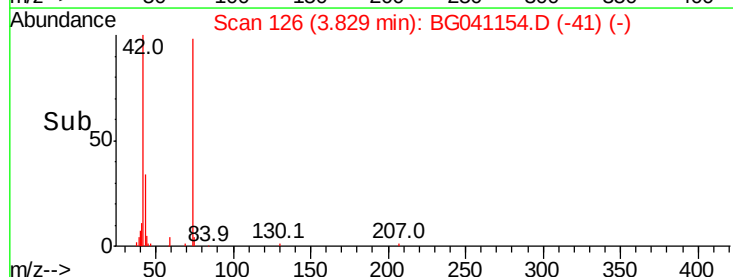
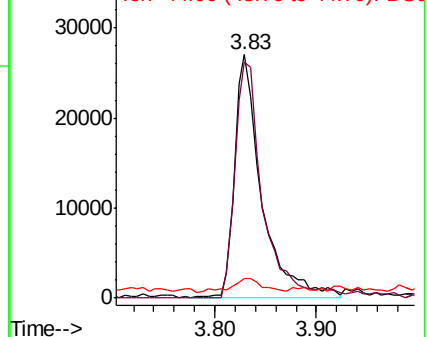
42 100

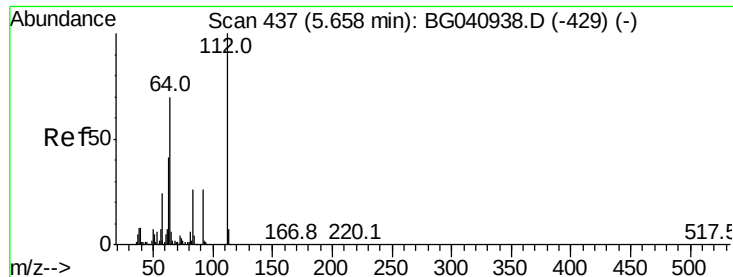
74 96.8 91.8 137.6

44 8.3 6.0 9.0



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





#5

2-Fluorophenol

Concen: 113.945 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

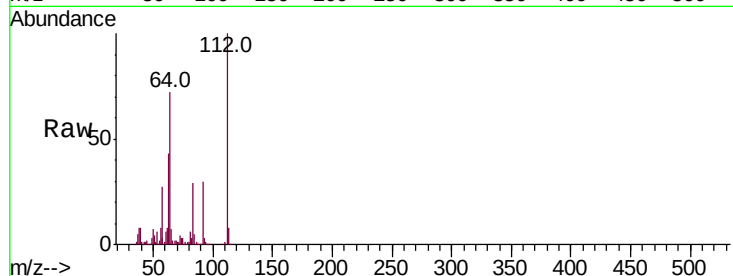
Tot Ion:112 Resp: 1045919

Ion Ratio Lower Upper

112 100

64 72.0 56.2 84.2

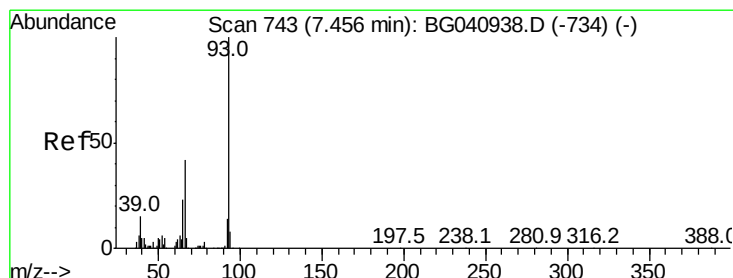
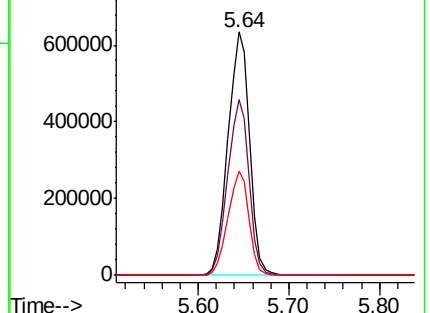
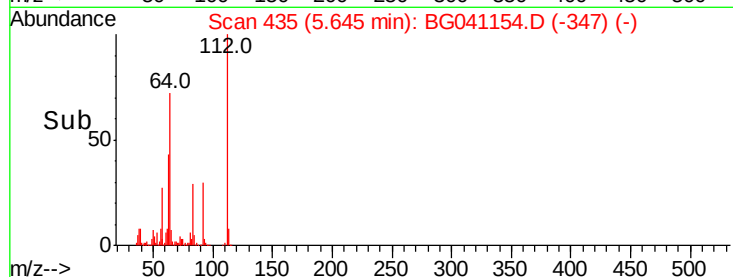
63 42.9 32.8 49.2



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: 5.849 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

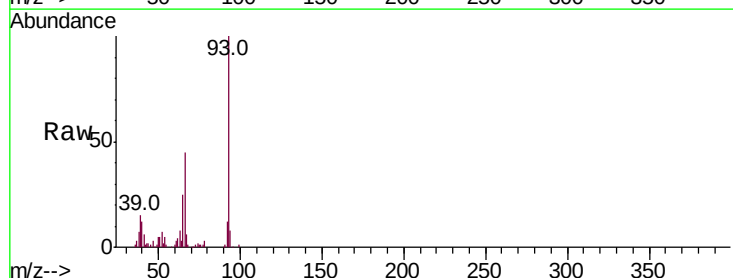
Tgt Ion: 93 Resp: 110680

Ion Ratio Lower Upper

93 100

66 45.3 33.8 50.8

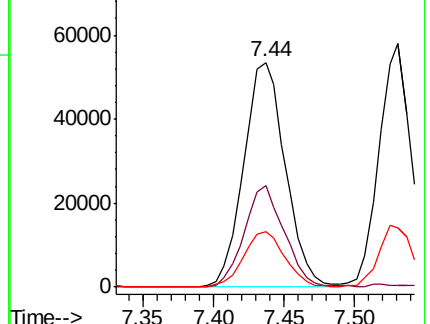
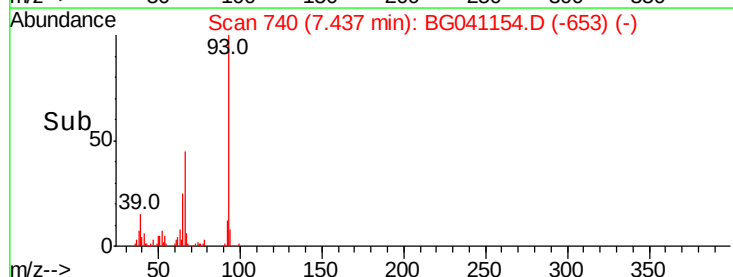
65 24.7 18.3 27.5

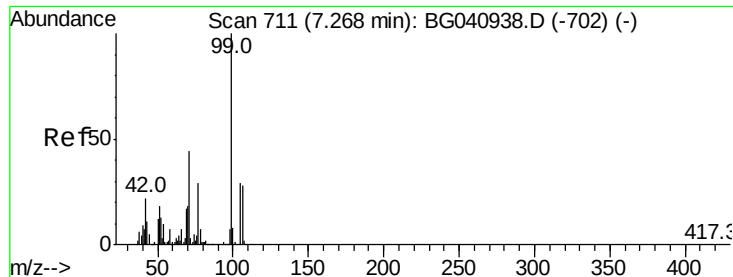


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.100 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampled :

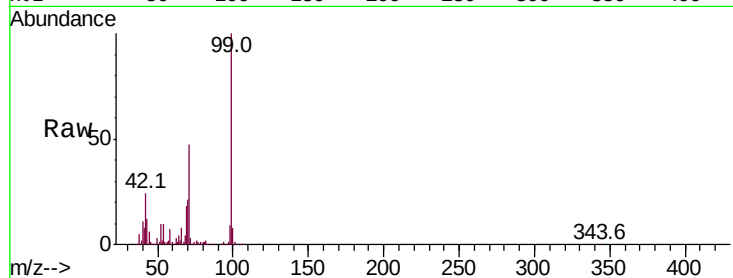
Tot Ion: 99 Resp: 1475752

Ion Ratio Lower Upper

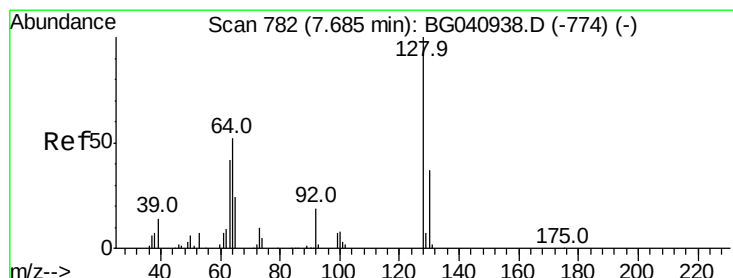
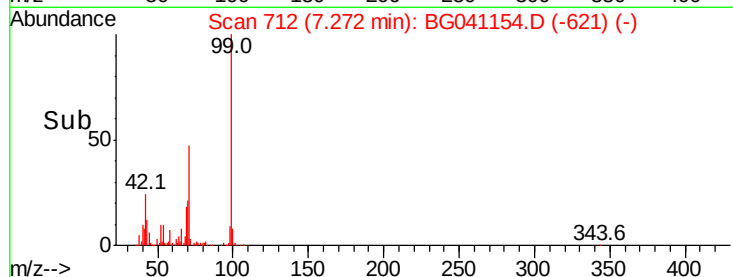
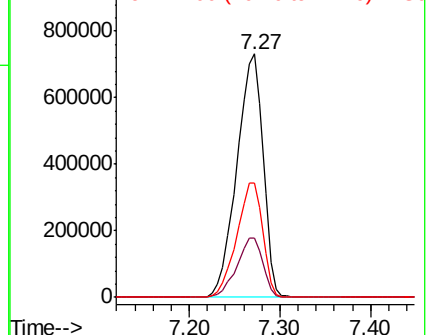
99 100

42 24.5 17.9 26.9

71 47.2 35.4 53.0



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



#8

2-Chlorophenol

Concen: 9.157 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

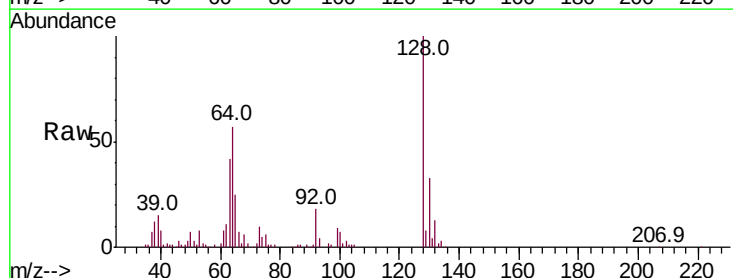
Tgt Ion: 128 Resp: 100211

Ion Ratio Lower Upper

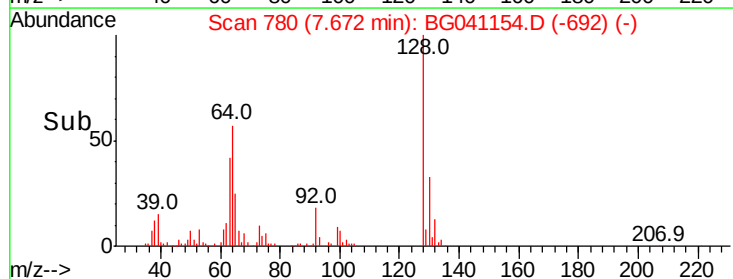
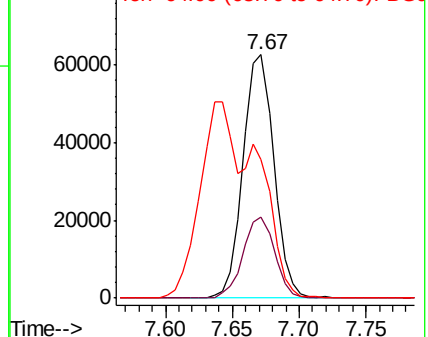
128 100

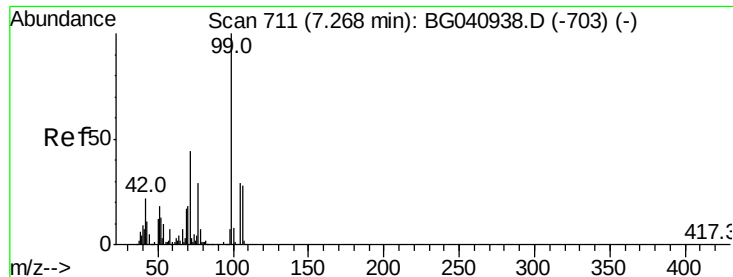
130 33.3 16.6 56.6

64 57.2 37.8 77.8



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





#9

Benzaldehyde

Concen: 4.046 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampled :

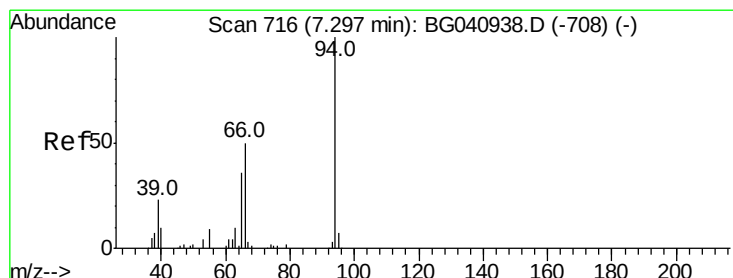
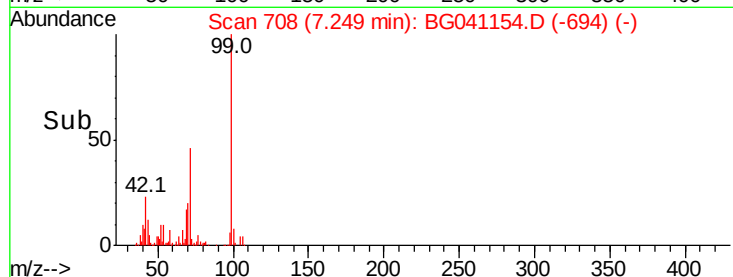
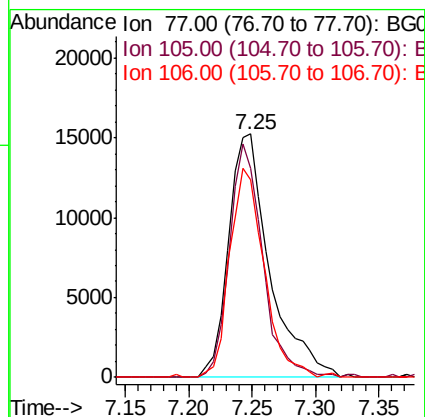
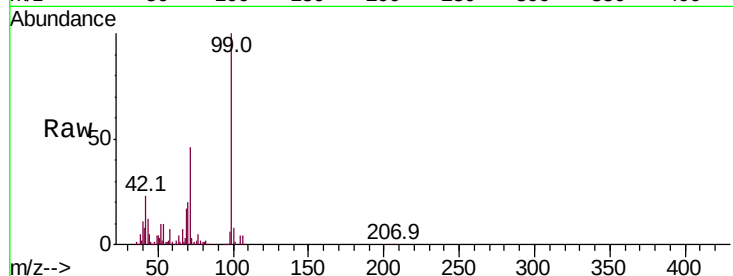
Tot Ion: 77 Resp: 34219

Ion Ratio Lower Upper

77 100

105 85.9 78.9 118.9

106 81.1 76.7 116.7



#10

Phenol

Concen: 8.885 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

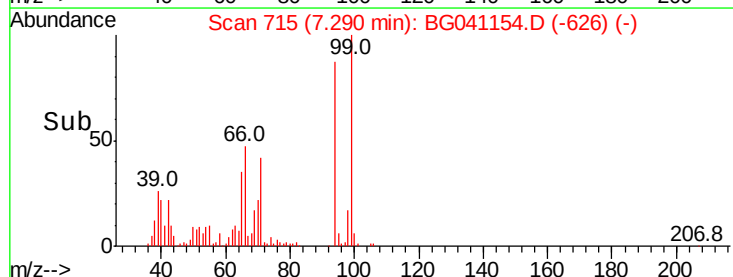
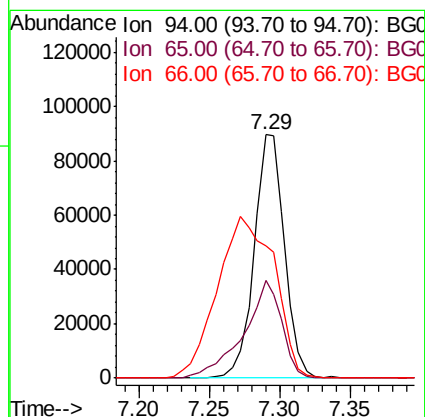
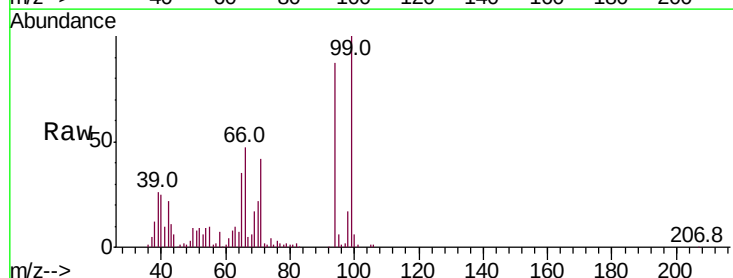
Tgt Ion: 94 Resp: 135053

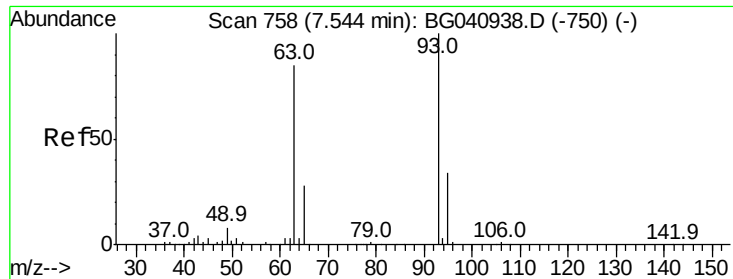
Ion Ratio Lower Upper

94 100

65 40.2 17.0 57.0

66 54.5 32.4 72.4



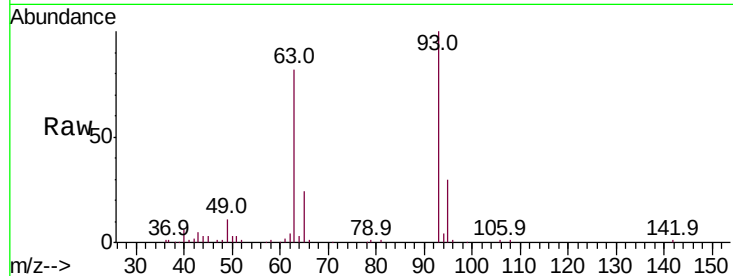


#11

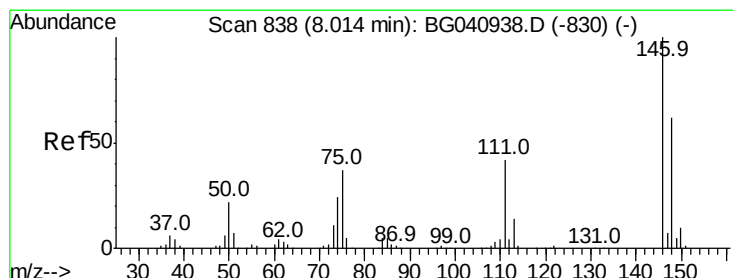
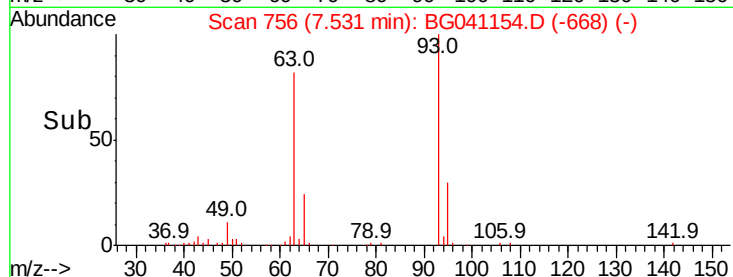
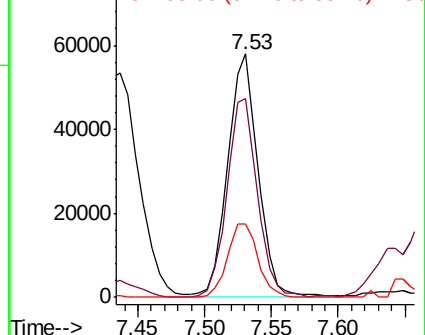
bis(2-Chloroethyl)ether
Concen: 8.424 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 92891
Ion Ratio Lower Upper
93 100
63 81.8 64.5 104.5
95 30.2 13.3 53.3



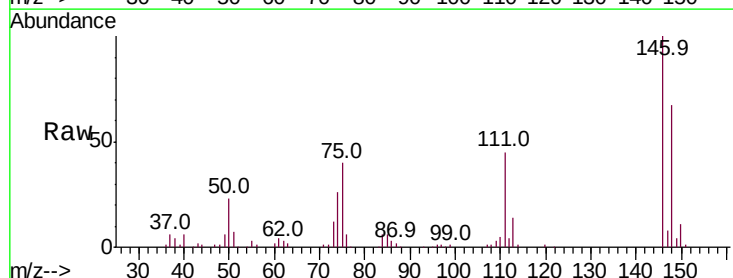
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



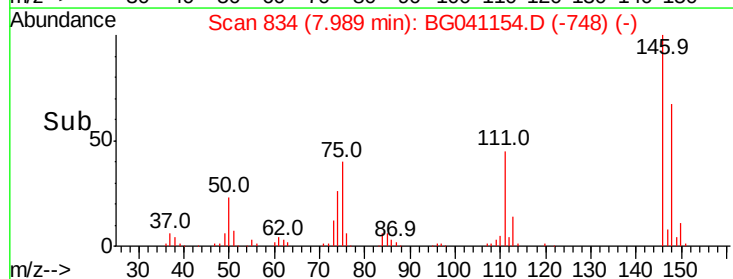
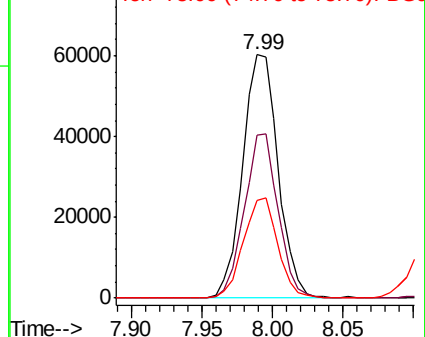
#12

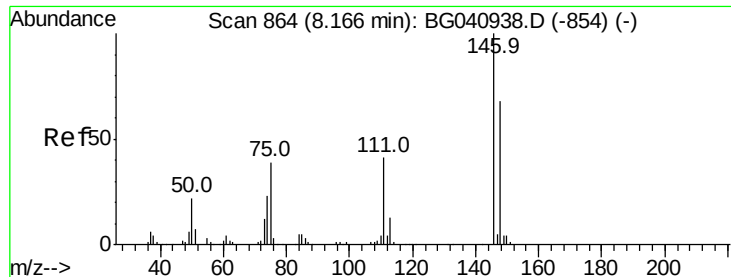
1,3-Dichlorobenzene
Concen: 8.091 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion: 146 Resp: 105749
Ion Ratio Lower Upper
146 100
148 67.1 49.2 73.8
75 40.3 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 8.356 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

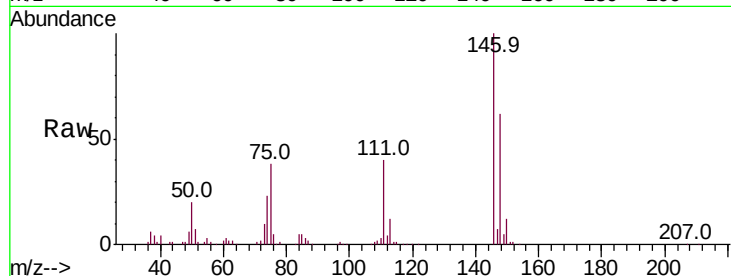
Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:146 Resp: 110550

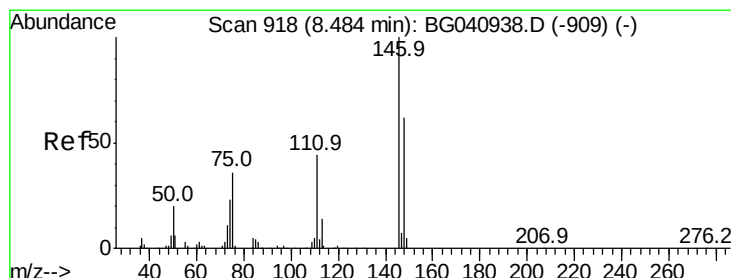
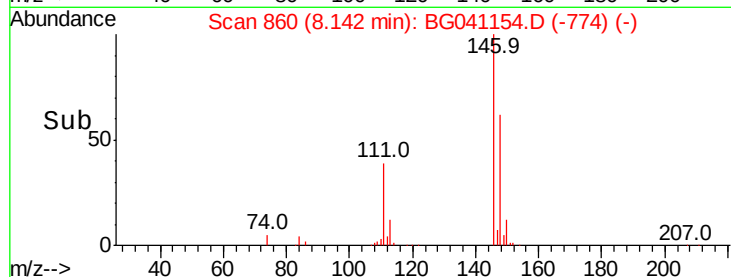
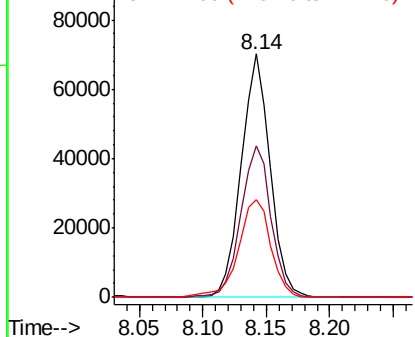
Ion	Ratio	Lower	Upper
146	100		
148	62.0	54.2	81.4
111	39.9	32.9	49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.095 ng

RT: 8.46 min Scan# 914

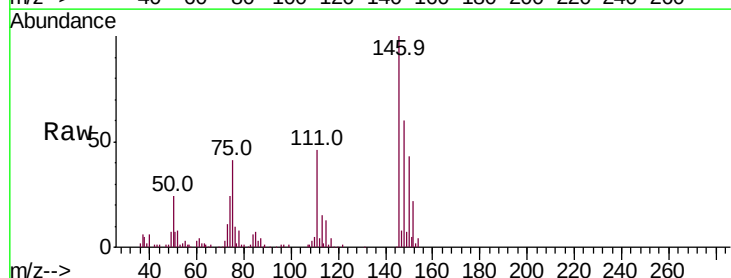
Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Tgt Ion:146 Resp: 103981

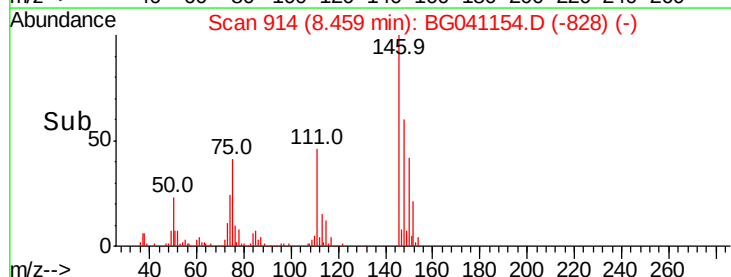
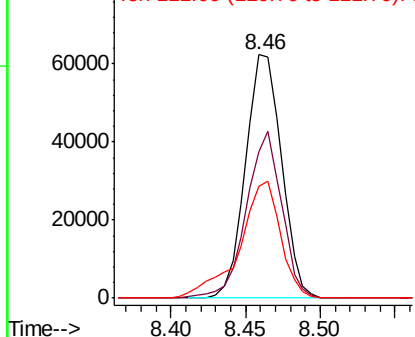
Ion	Ratio	Lower	Upper
146	100		
148	59.9	49.8	74.6
111	45.7	35.0	52.4

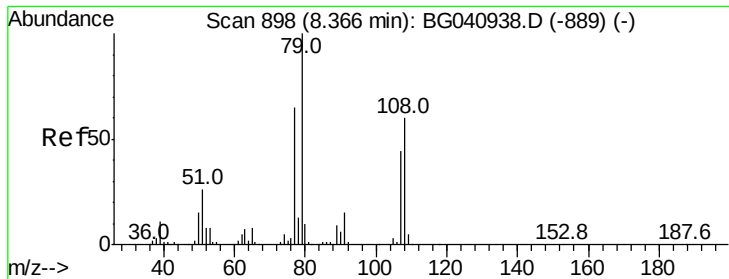


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.634 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampled :

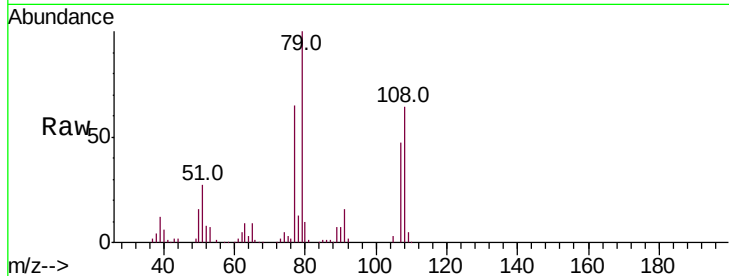
Tot Ion: 79 Resp: 113225

Ion Ratio Lower Upper

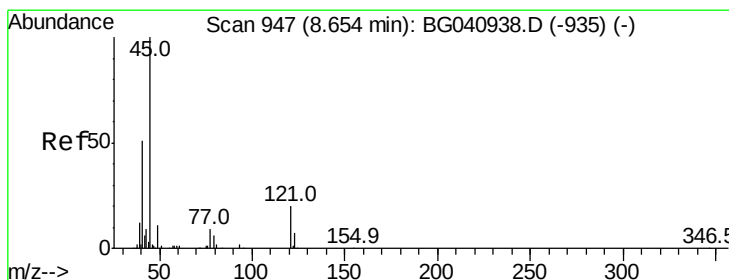
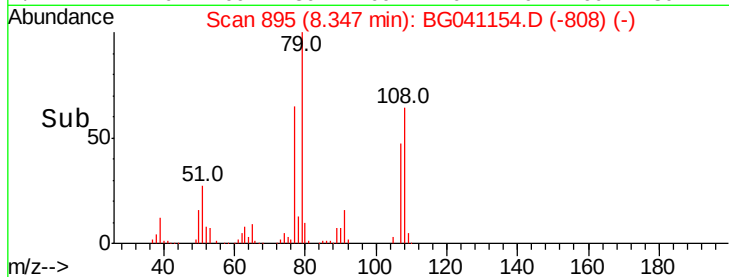
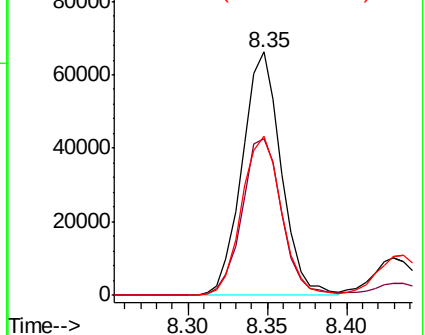
79 100

108 64.2 48.3 72.5

77 65.2 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.053 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.03 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

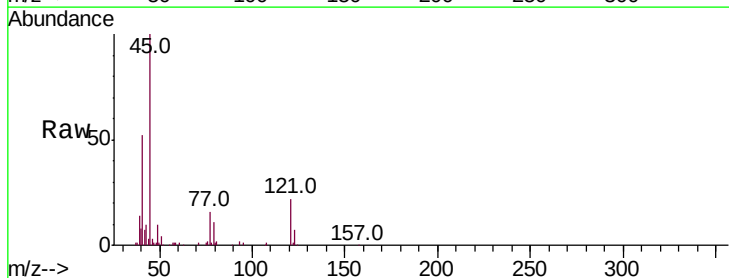
Tgt Ion: 45 Resp: 145106

Ion Ratio Lower Upper

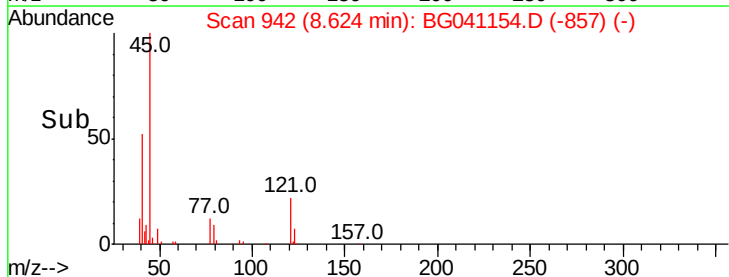
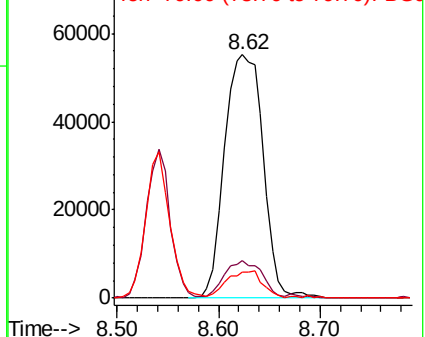
45 100

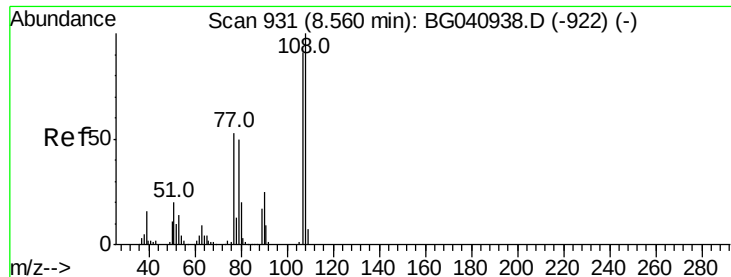
77 15.5 0.0 33.7

79 10.9 0.0 30.2



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





#17

2-Methylphenol

Concen: 8.906 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 98010

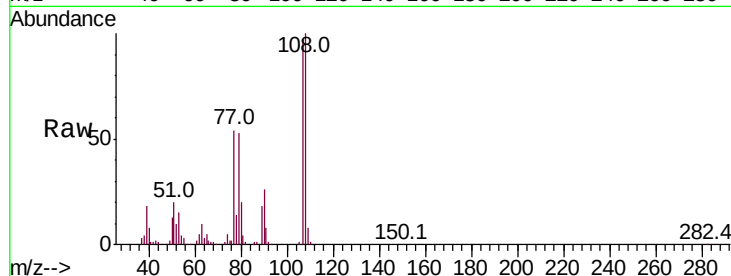
Ion Ratio Lower Upper

107 100

108 103.3 87.7 131.5

77 56.1 46.6 70.0

79 55.2 44.6 66.8

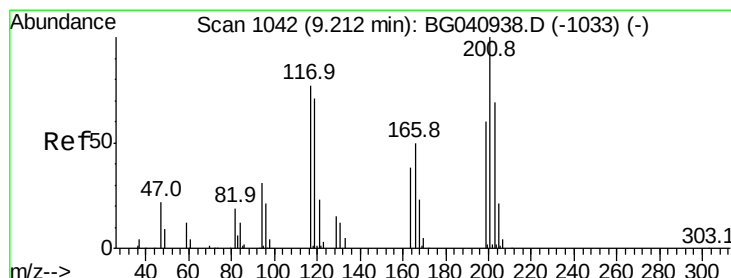
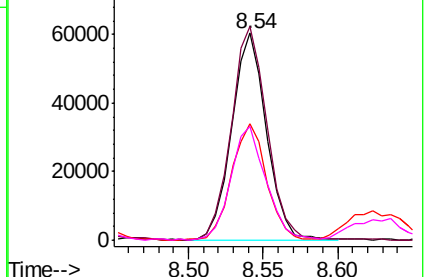
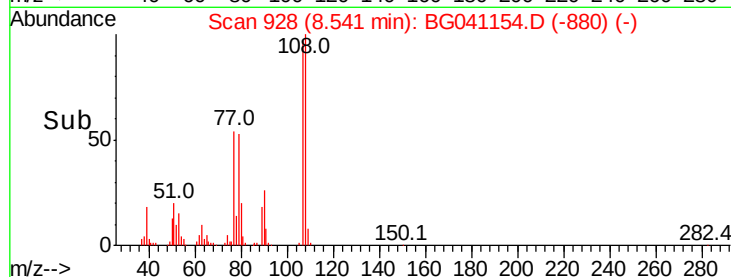


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 8.253 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

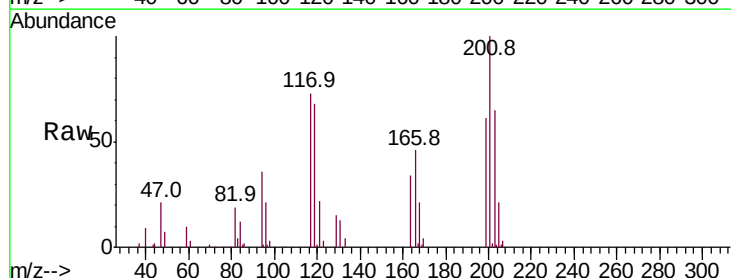
Tgt Ion:117 Resp: 42082

Ion Ratio Lower Upper

117 100

119 94.1 75.0 112.6

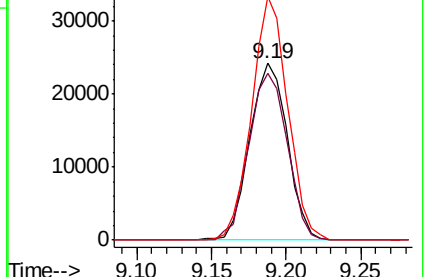
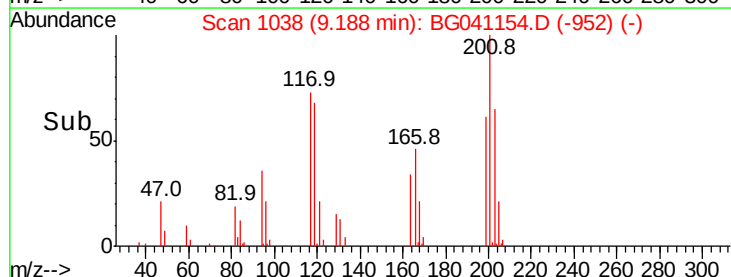
201 137.7 103.5 155.3

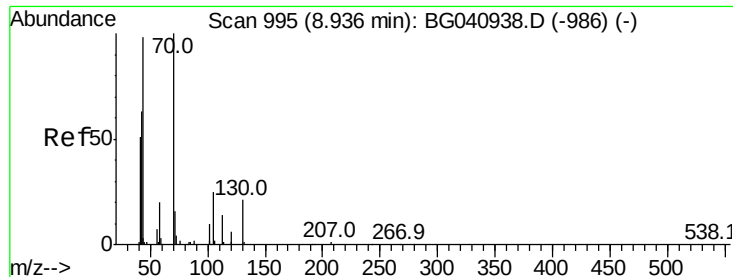


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 8.257 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 90075

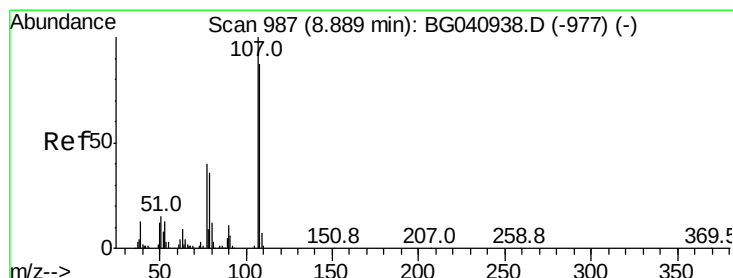
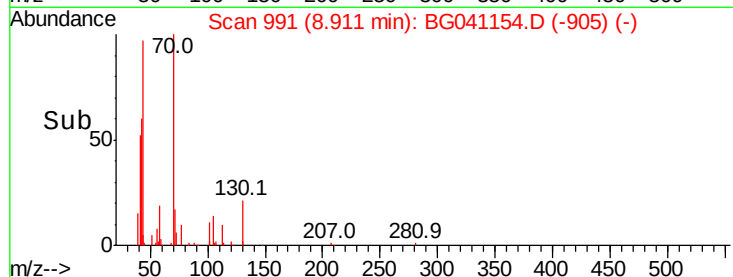
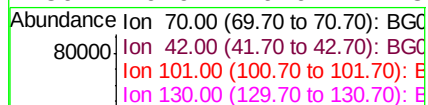
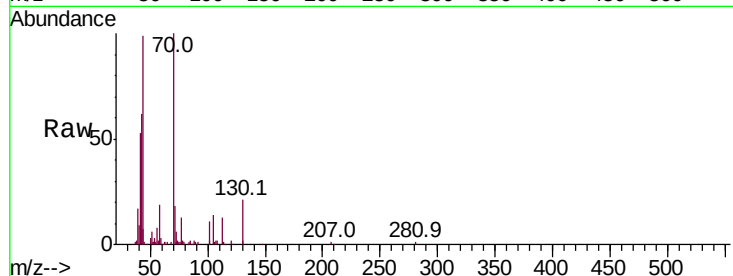
Ion Ratio Lower Upper

70 100

42 62.4 51.5 77.3

101 11.2 8.1 12.1

130 20.9 16.6 24.8



#20

3+4-Methylphenols

Concen: 8.739 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Tgt Ion: 107 Resp: 133218

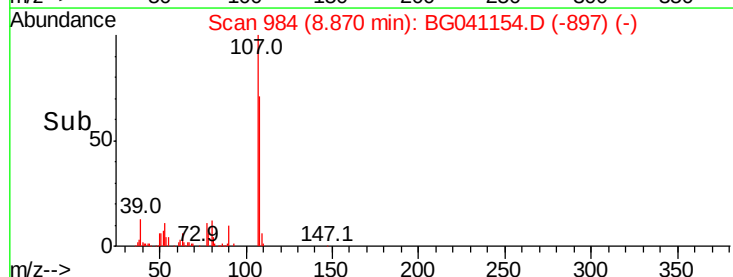
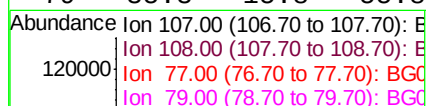
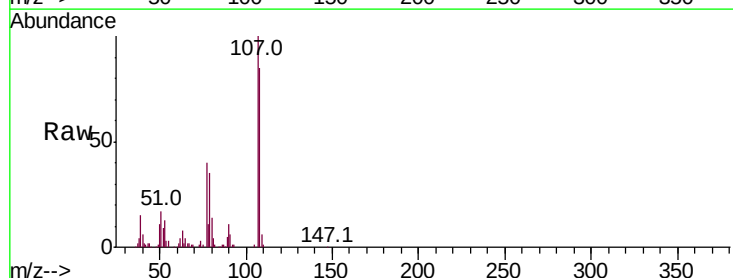
Ion Ratio Lower Upper

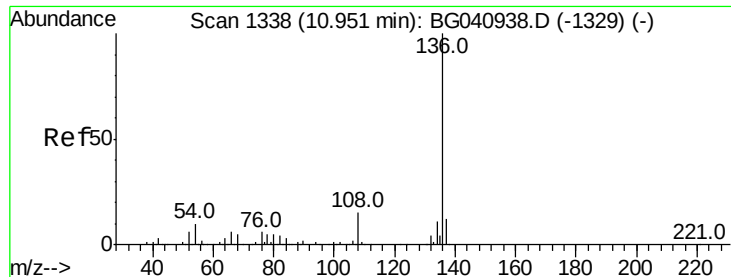
107 100

108 85.4 66.8 106.8

77 39.8 20.5 60.5

79 35.3 15.8 55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 686855

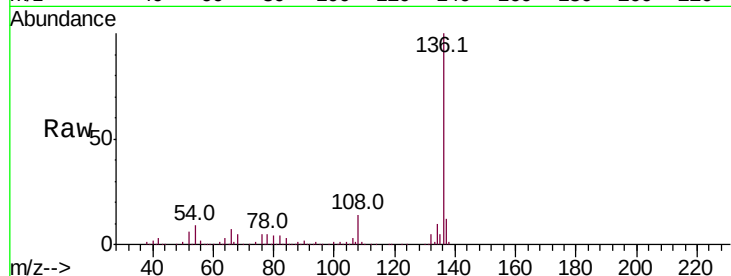
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 8.7 7.6 11.4

68 4.9 3.9 5.9



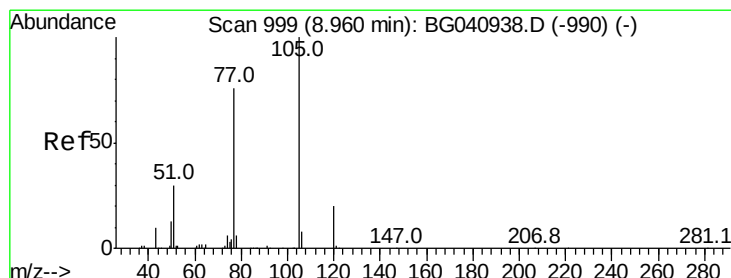
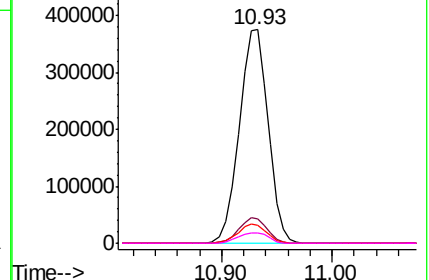
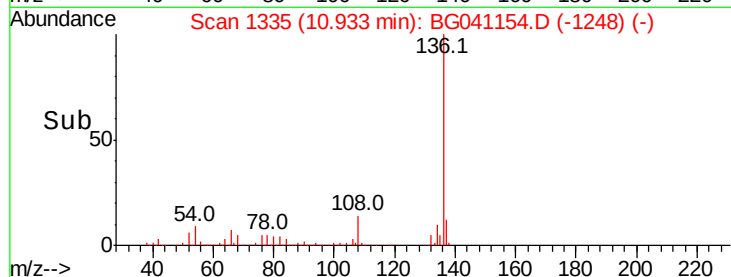
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 8.960 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Tgt Ion:105 Resp: 172631

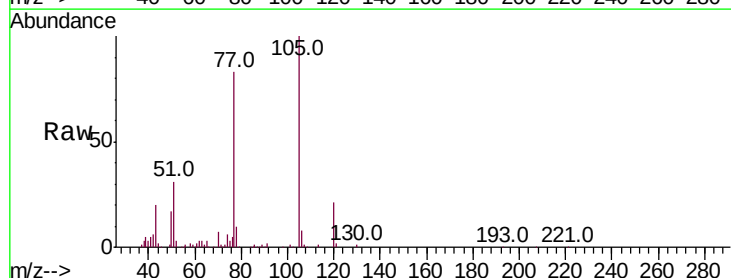
Ion Ratio Lower Upper

105 100

71 1.2 0.4 0.6#

51 30.8 27.0 40.6

120 21.0 16.2 24.4



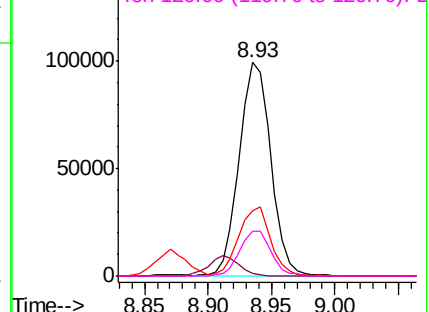
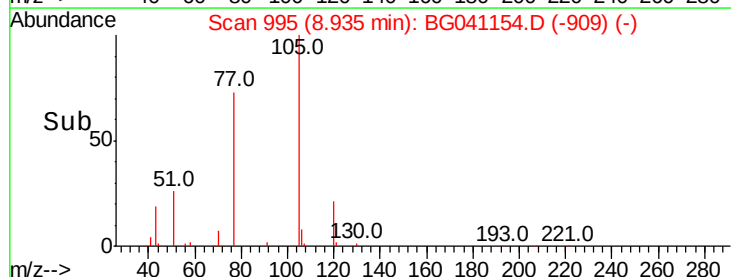
Abundance

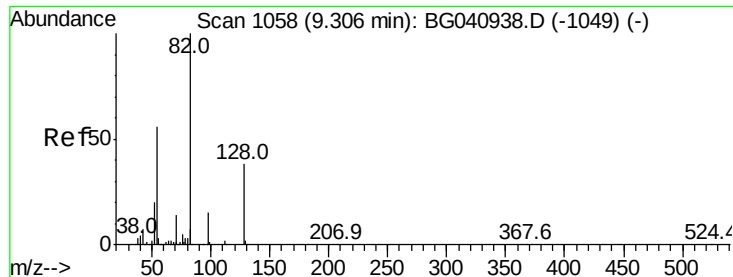
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 65.305 ng

RT: 9.29 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

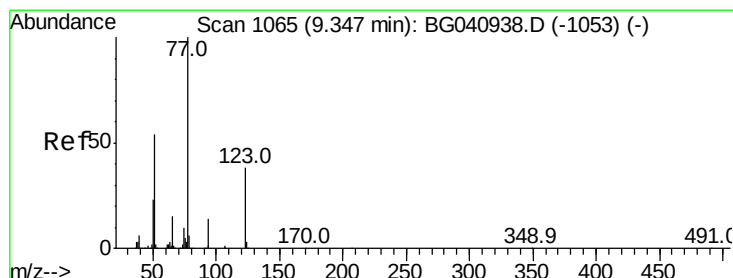
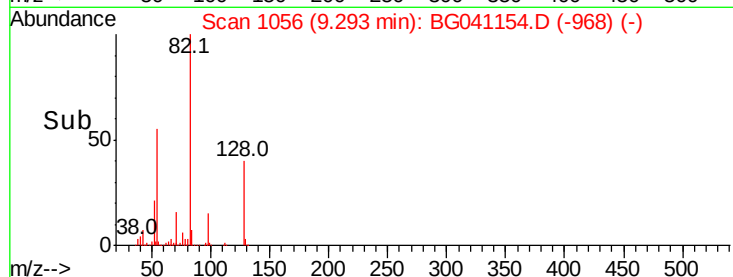
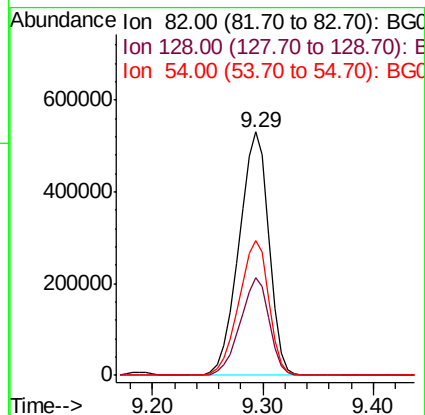
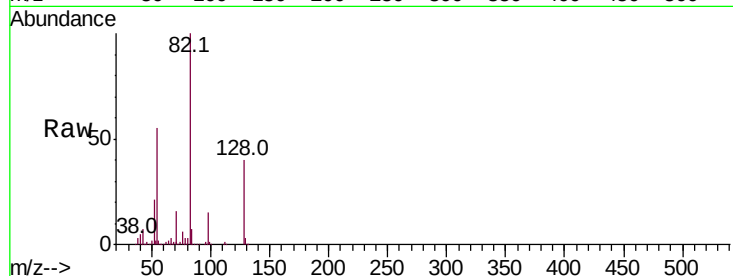
Tot Ion: 82 Resp: 1010387

Ion Ratio Lower Upper

82 100

128 40.2 30.5 45.7

54 55.3 44.6 66.8



#24

Nitrobenzene

Concen: 9.196 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

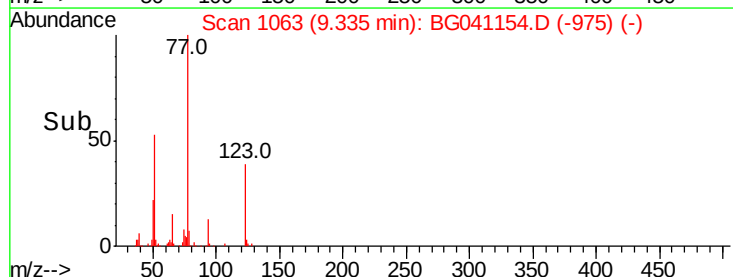
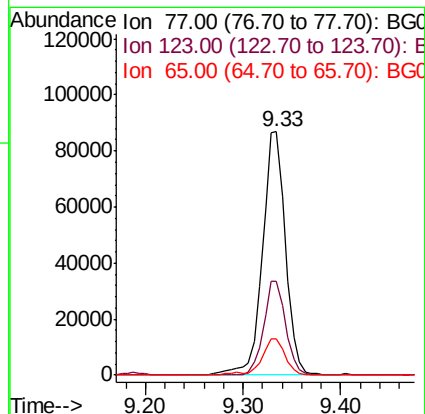
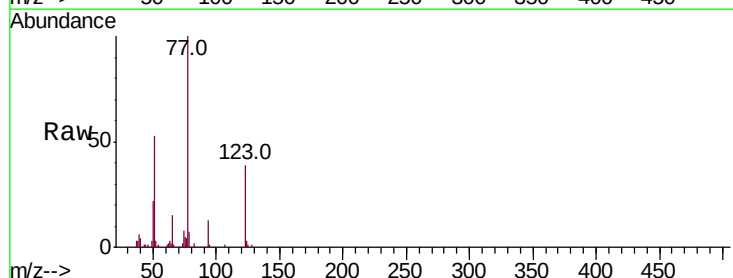
Tgt Ion: 77 Resp: 144993

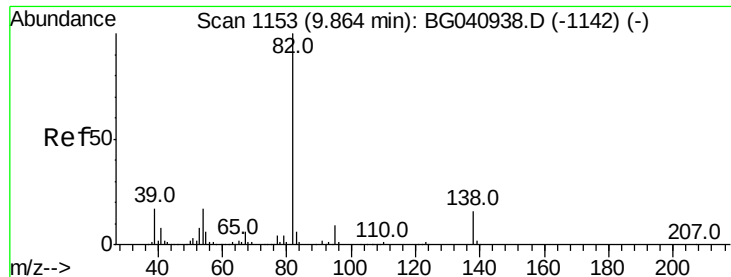
Ion Ratio Lower Upper

77 100

123 38.8 30.6 46.0

65 14.8 12.3 18.5





#25

Isophorone

Concen: 8.801 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

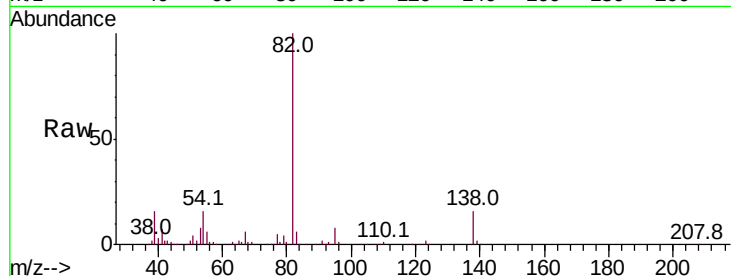
Tot Ion: 82 Resp: 259132

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.4

138 16.3 12.6 19.0



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

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

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

200000

150000

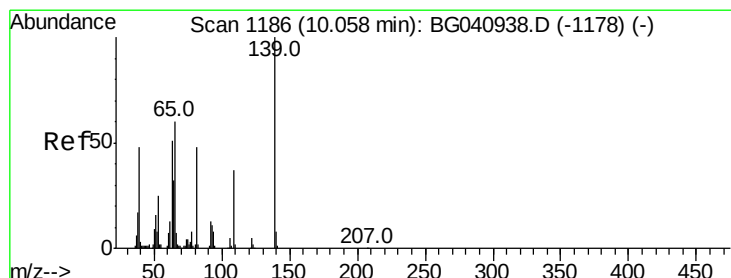
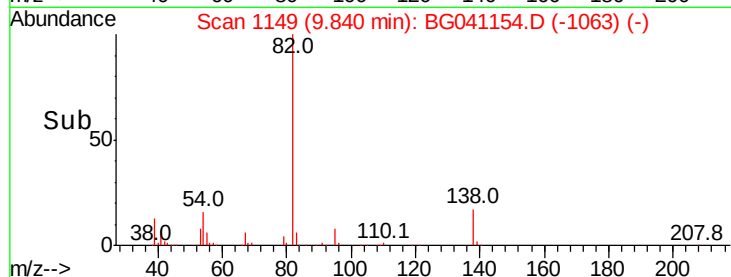
100000

50000

0

9.80 9.84 9.90

Time-->



#26

2-Nitrophenol

Concen: 9.755 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

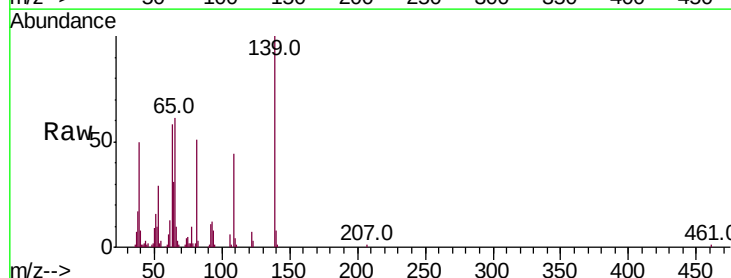
Tgt Ion: 139 Resp: 63407

Ion Ratio Lower Upper

139 100

109 43.8 29.8 44.6

65 60.6 47.8 71.6



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

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

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

40000

30000

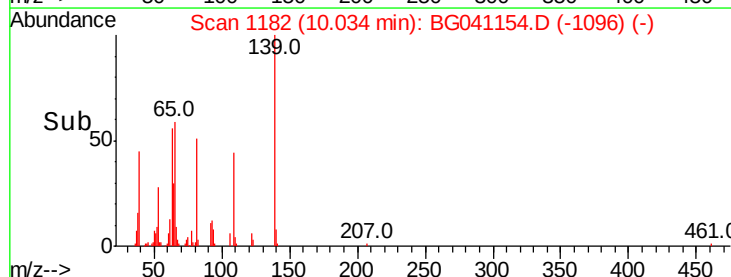
20000

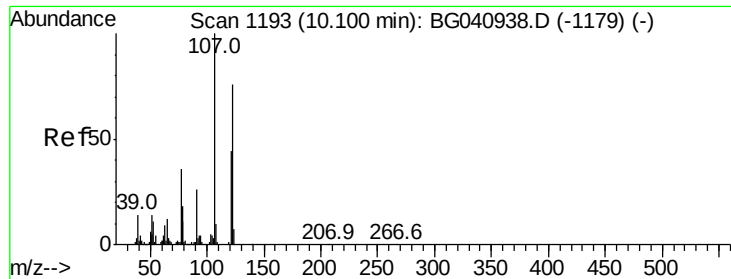
10000

0

10.00 10.03 10.10

Time-->

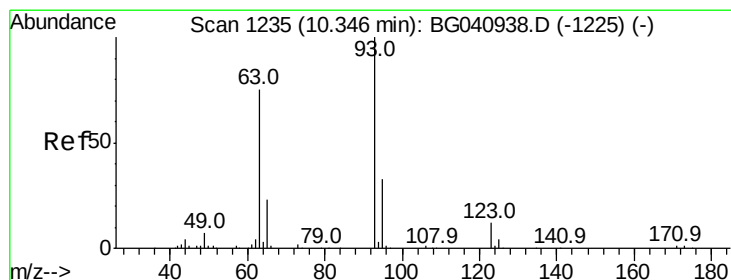
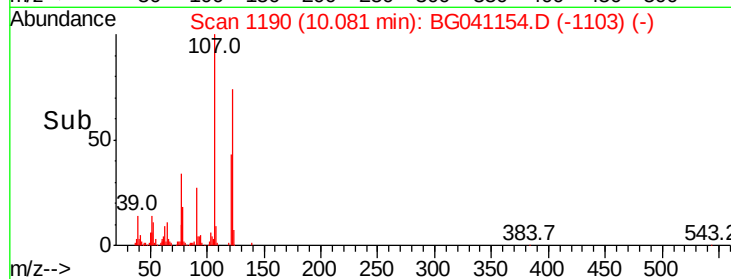
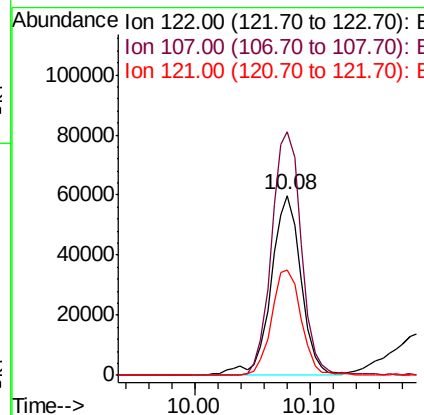
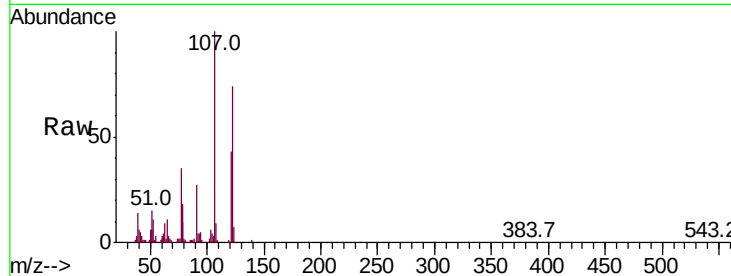




#27
2,4-Dimethylphenol
Concen: 10.099 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

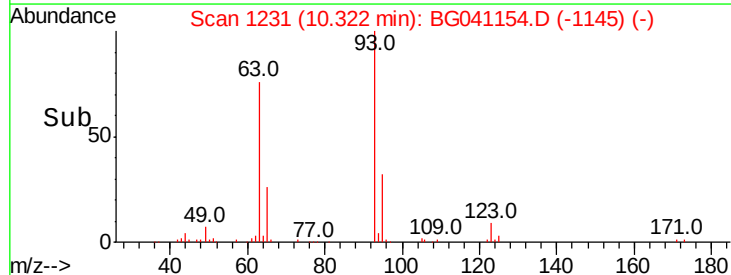
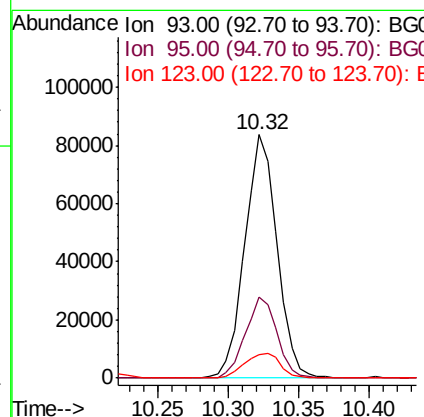
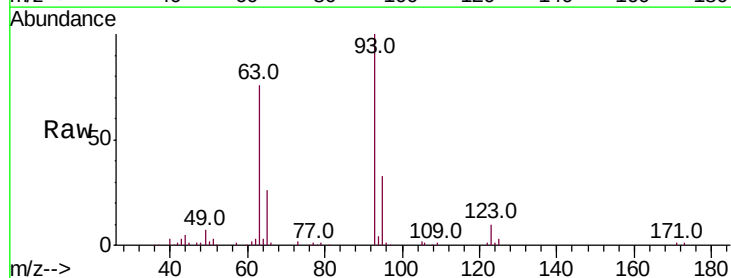
Instrument :
BNA_G
ClientSampleId :

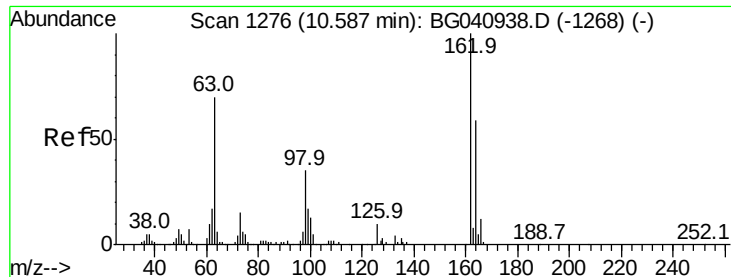
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.4	105.9	158.9
121	58.3	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 8.436 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	9.8	9.5	14.3

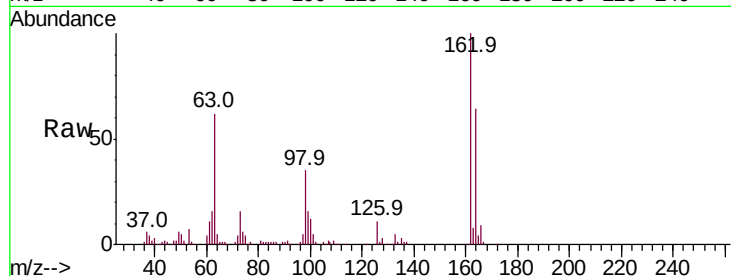




#29
2,4-Dichlorophenol
Concen: 9.111 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	39.4	79.4
98	35.1	15.3	55.3

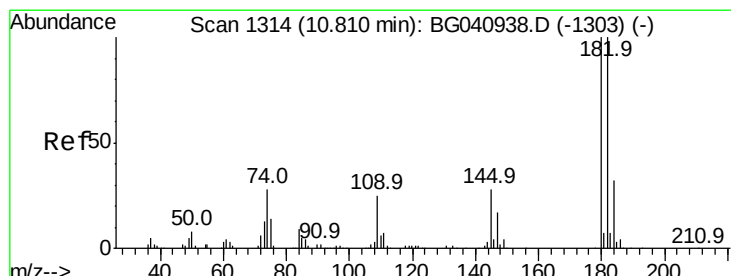
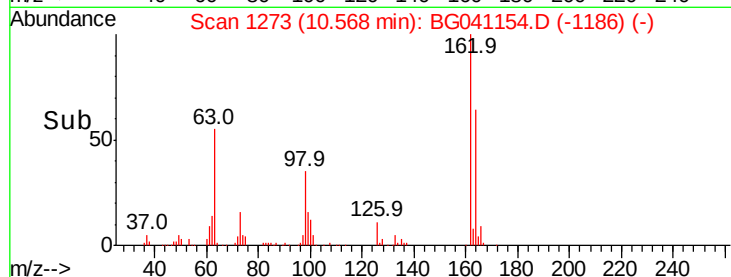
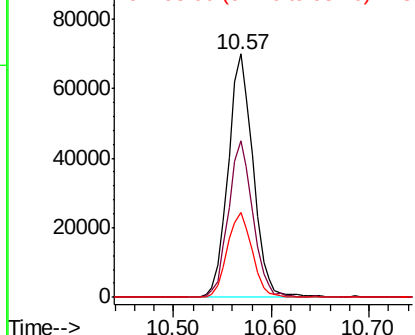


Abundance

Ion 162.00 (161.70 to 162.70): E

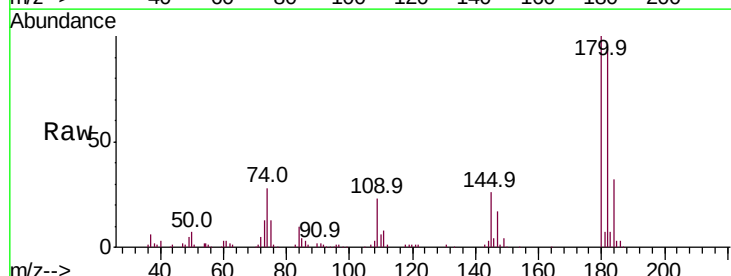
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 8.857 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.7	119.5
145	25.8	22.6	34.0

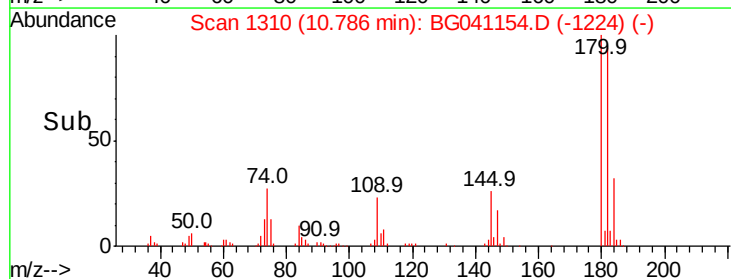
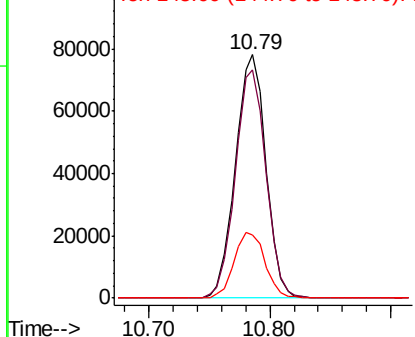


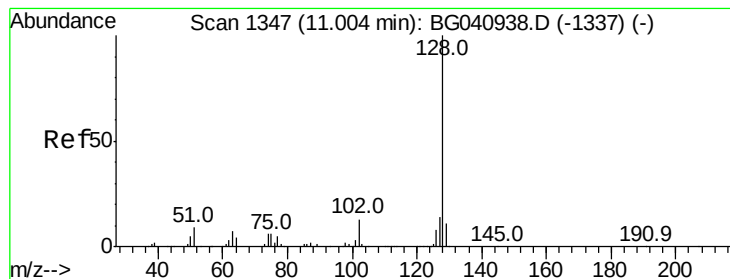
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 8.924 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

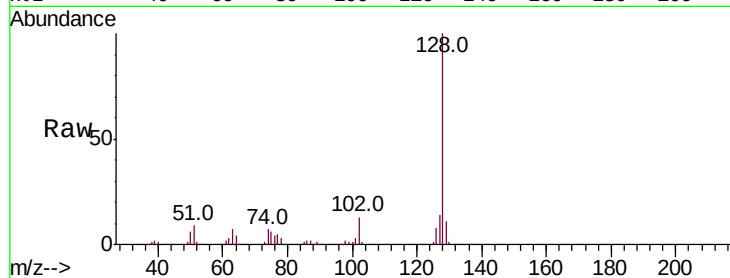
Tot Ion:128 Resp: 329101

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

127 14.4 11.4 17.2

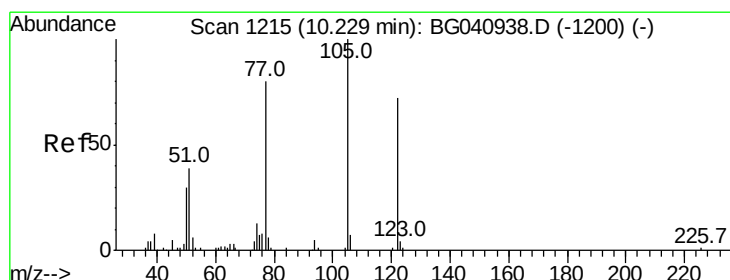
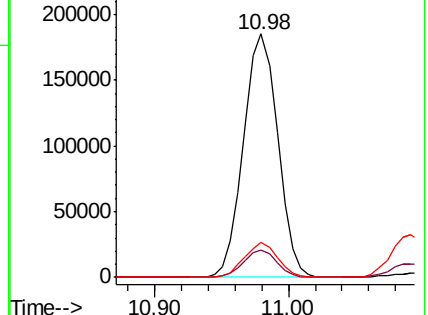
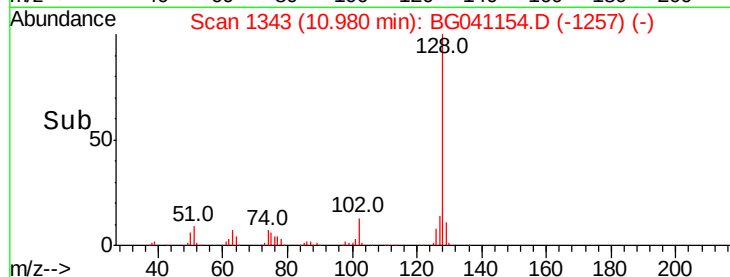


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.98



#32

Benzoic acid

Concen: 14.285 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

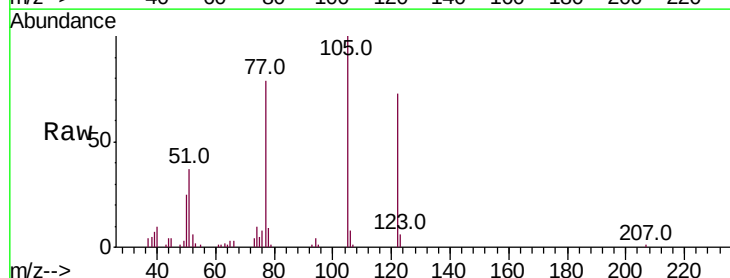
Tgt Ion:122 Resp: 61854

Ion Ratio Lower Upper

122 100

105 137.2 114.8 154.8

77 108.4 89.9 129.9

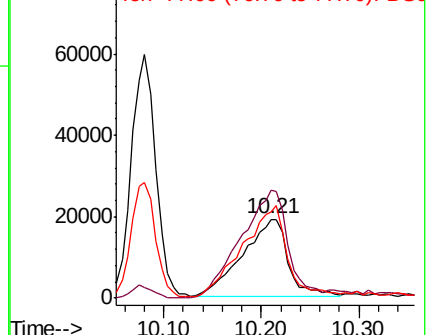
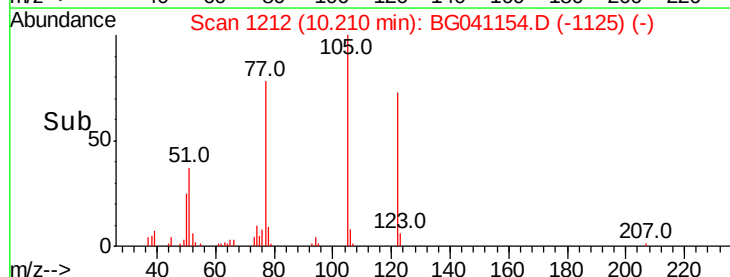


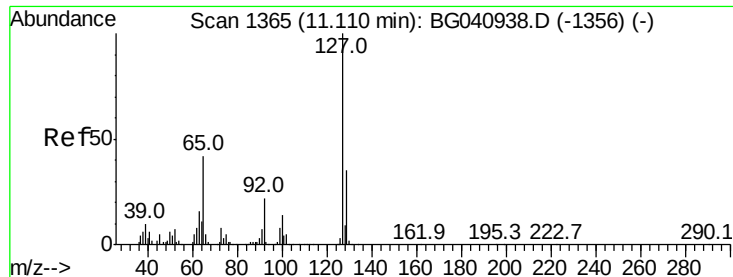
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

10.21

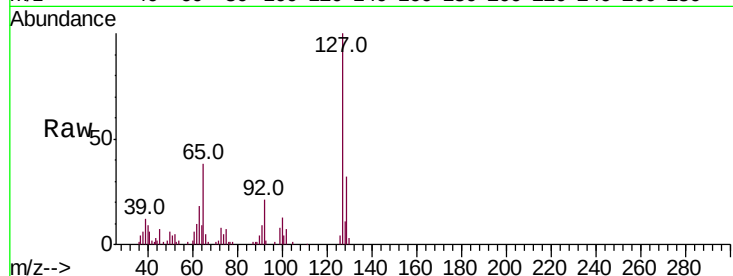




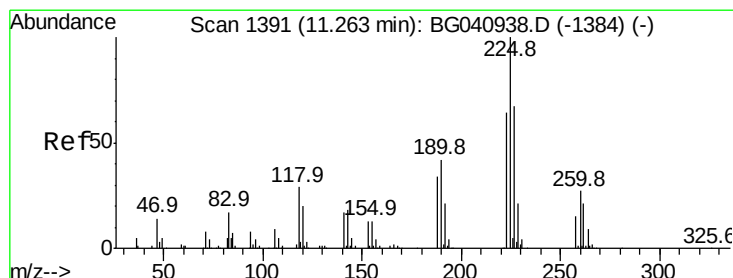
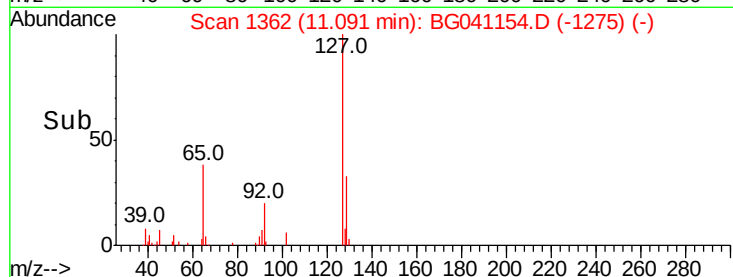
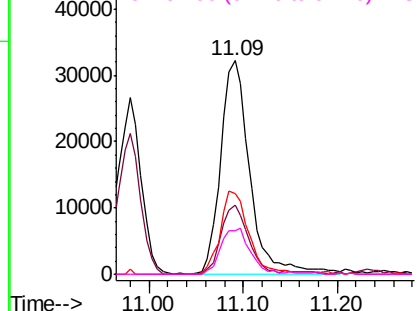
#33
4-Chloroaniline
Concen: 4.117 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	70449	
Ion Ratio	Lower	Upper	
127 100			
129 32.2	27.7	41.5	
65 38.0	33.2	49.8	
92 20.7	17.2	25.8	

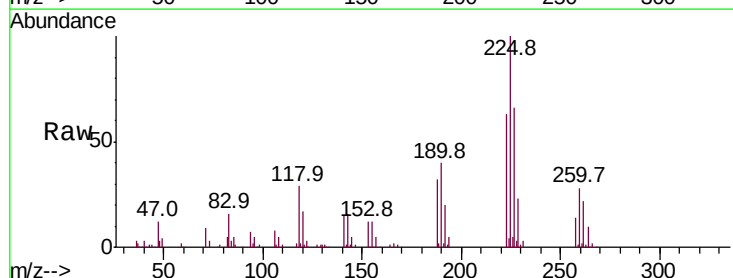


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

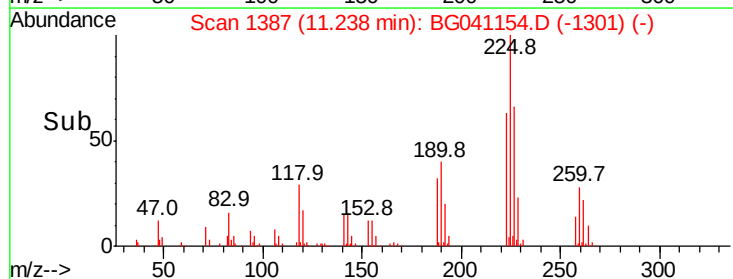
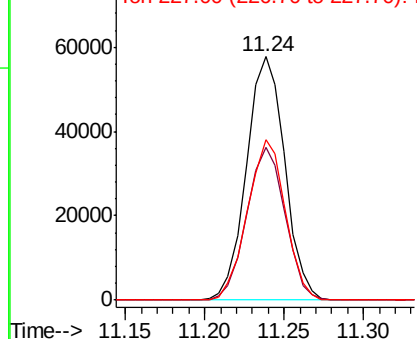


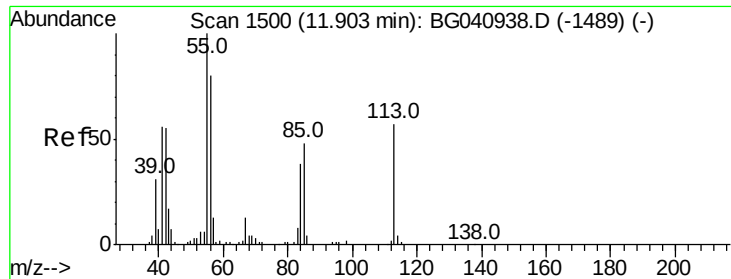
#34
Hexachlorobutadiene
Concen: 8.165 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt	Ion:225	Resp:	96885
Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.8	73.2
227	65.9	51.4	77.0



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

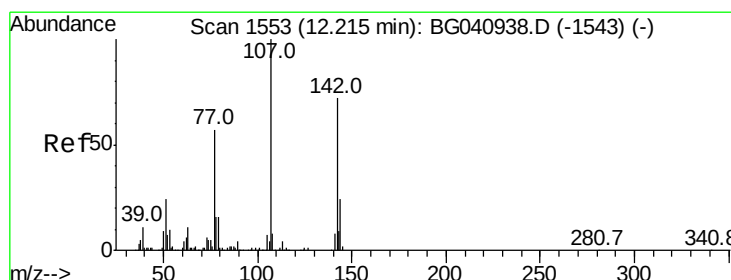
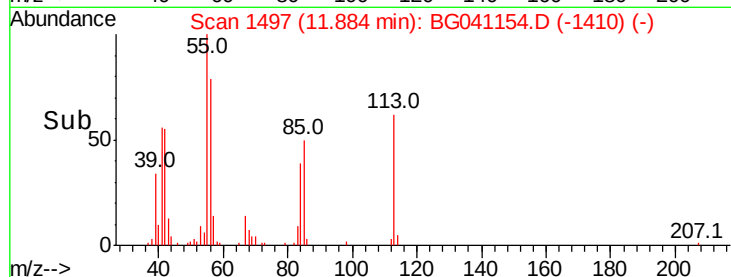
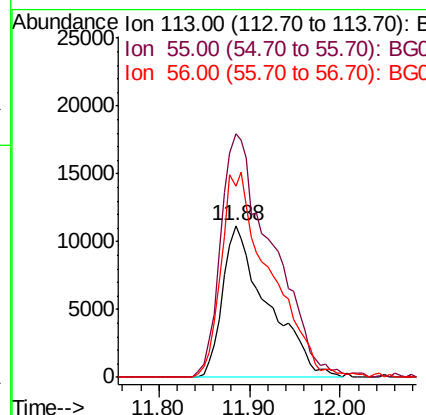
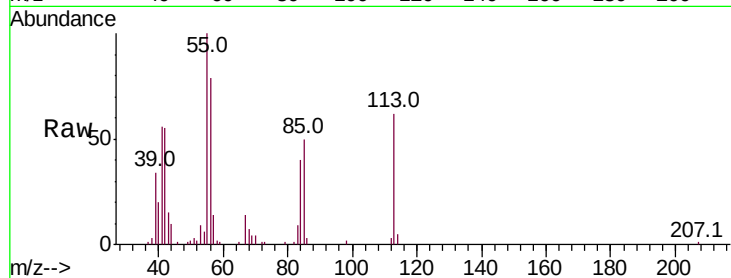




#35
 Caprolactam
 Concen: 8.551 ng
 RT: 11.88 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

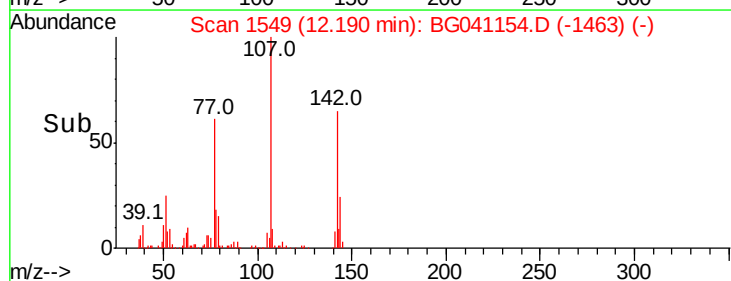
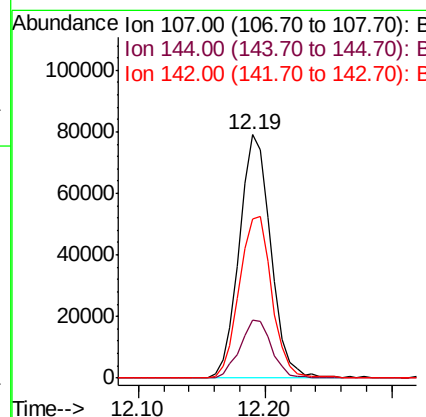
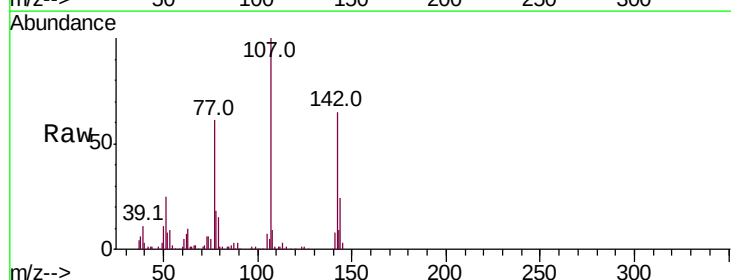
Instrument :
 BNA_G
 ClientSampled :

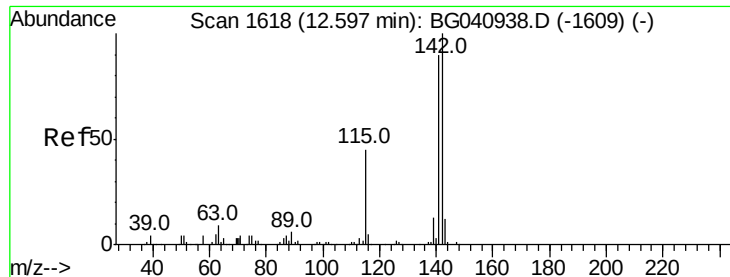
Tot Ion:113 Resp: 38496
 Ion Ratio Lower Upper
 113 100
 55 160.2 155.9 195.9
 56 125.8 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 8.718 ng
 RT: 12.19 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

Tgt Ion:107 Resp: 135730
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.4 29.0
 142 65.5 57.3 85.9

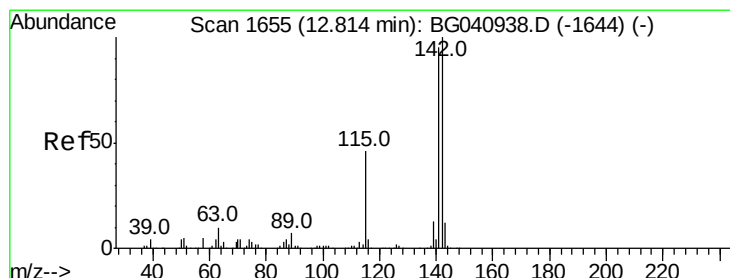
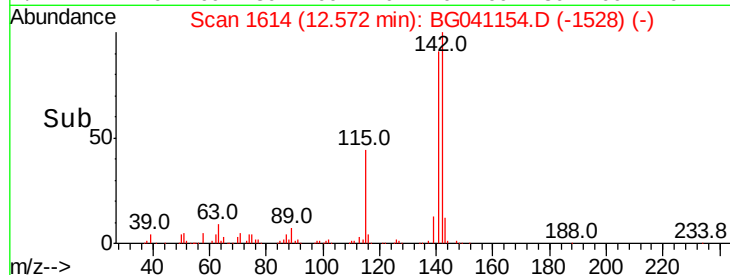
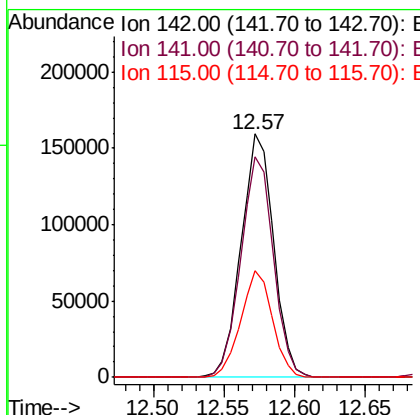
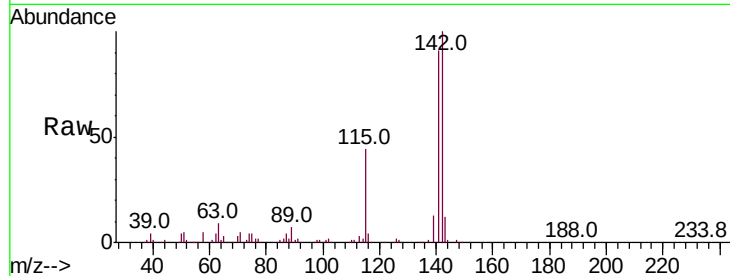




#37
2-Methylnaphthalene
Concen: 9.054 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

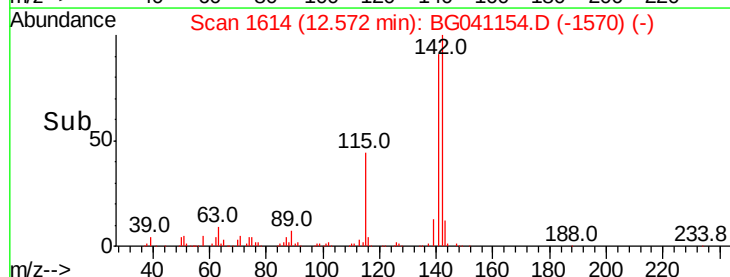
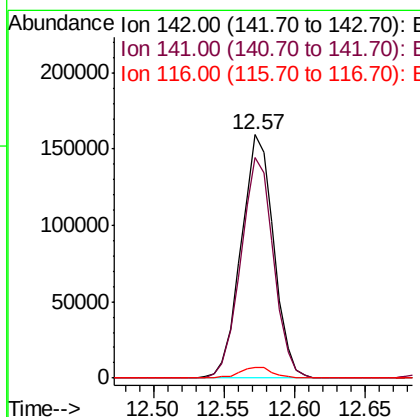
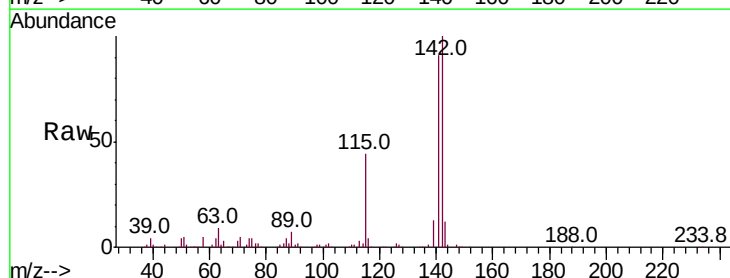
Instrument :
BNA_G
ClientSampleId :

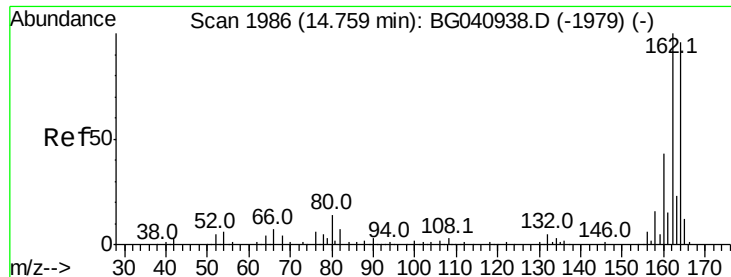
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.2	108.4
115	43.6	36.2	54.4



#38
1-Methylnaphthalene
Concen: 9.608 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.24 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	75.7	113.5
116	4.3	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

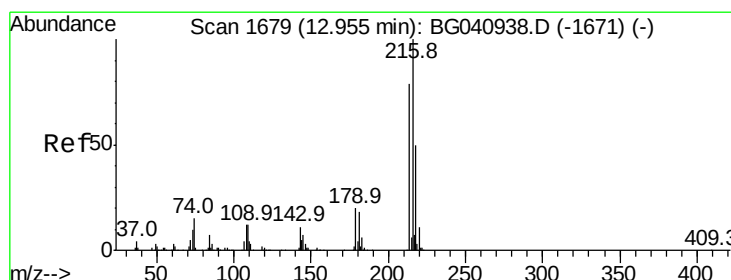
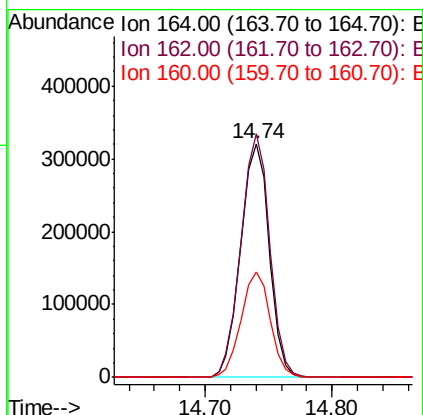
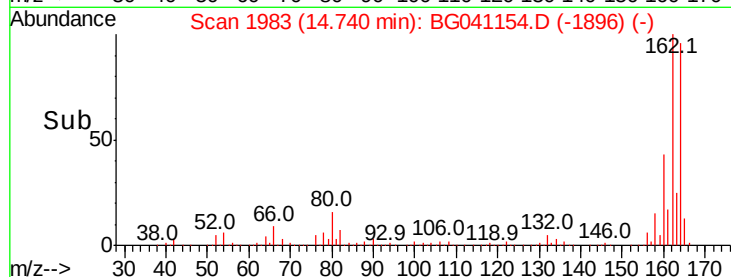
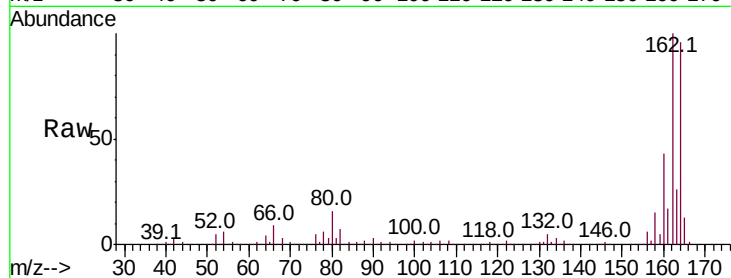
Tot Ion:164 Resp: 500978

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

160 45.0 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.498 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Tgt Ion:216 Resp: 191775

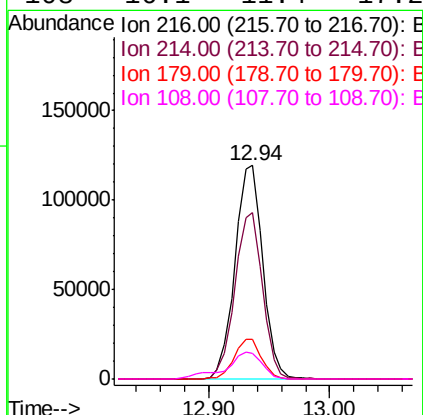
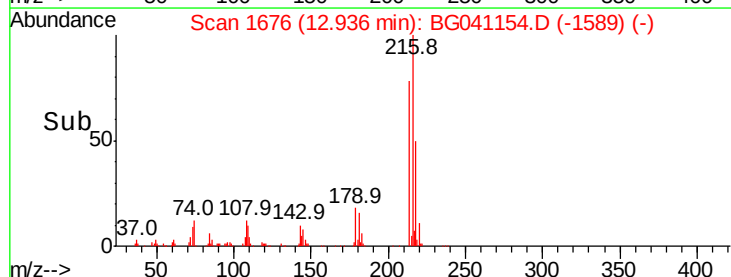
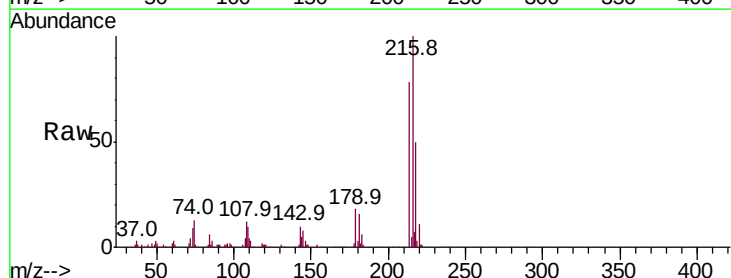
Ion Ratio Lower Upper

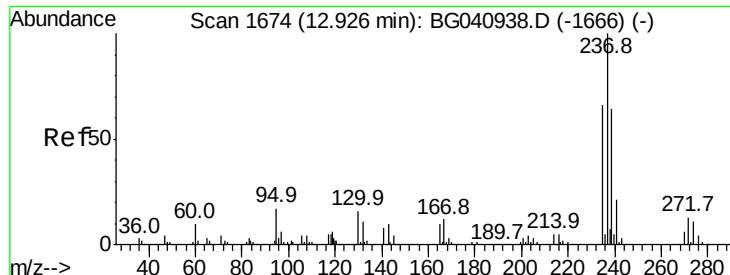
216 100

214 77.3 63.4 95.2

179 18.0 15.2 22.8

108 16.1 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 25.308 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

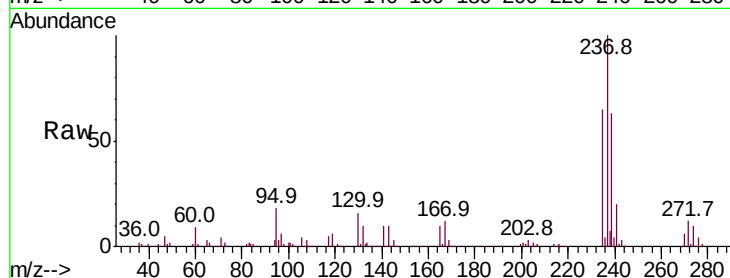
Tot Ion:237 Resp: 206575

Ion Ratio Lower Upper

237 100

235 64.6 45.5 85.5

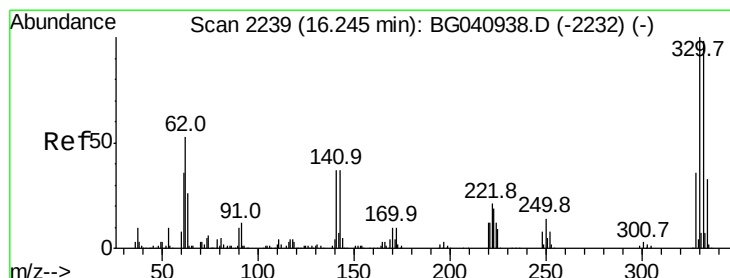
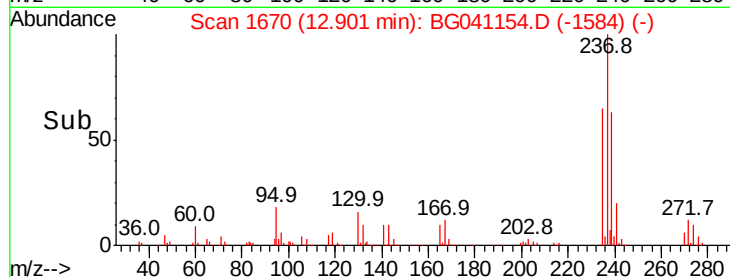
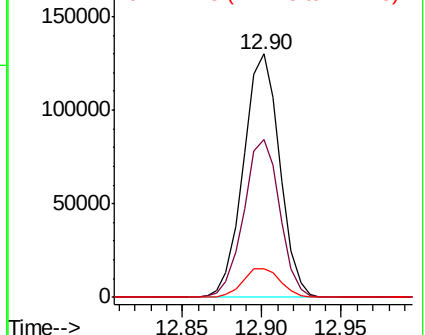
272 11.9 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.732 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

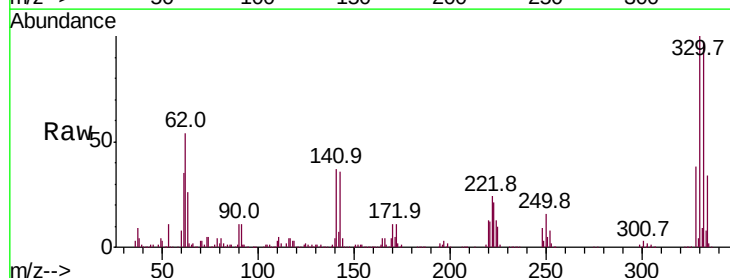
Tgt Ion:330 Resp: 838428

Ion Ratio Lower Upper

330 100

332 95.8 78.5 117.7

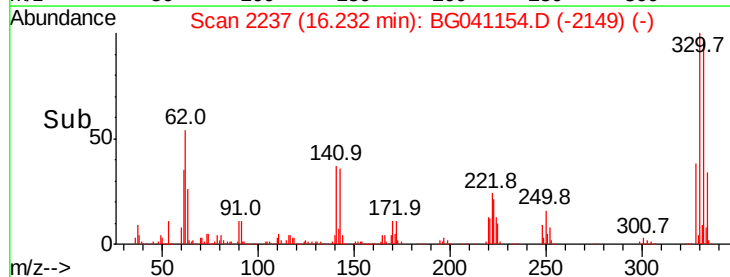
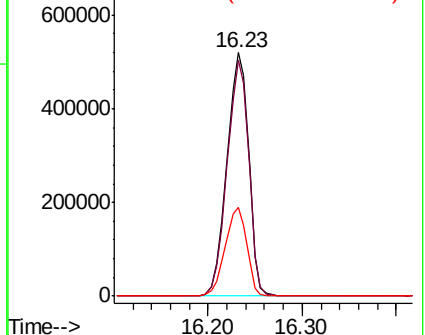
141 36.1 28.7 43.1

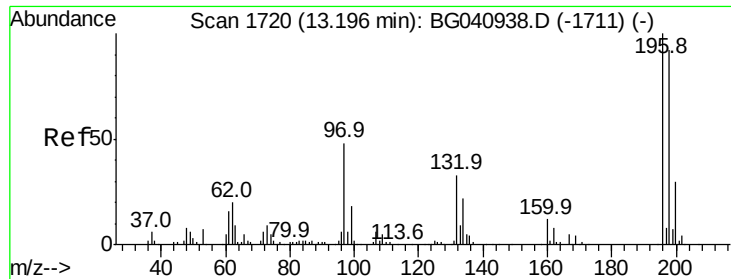


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

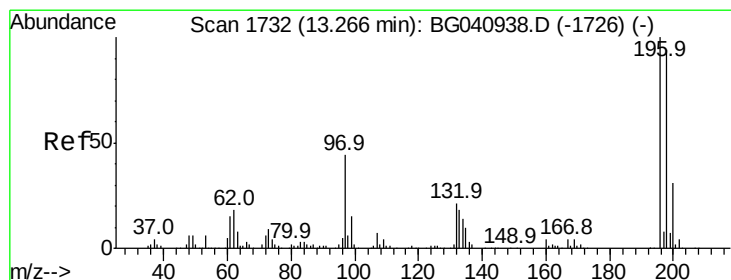
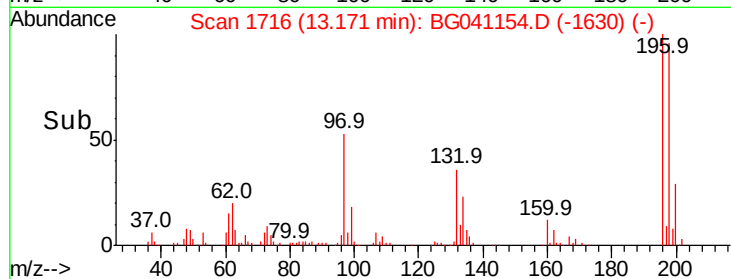
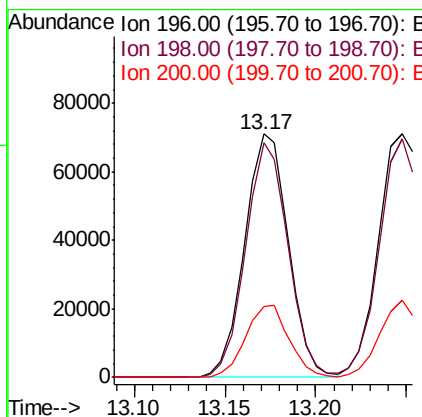
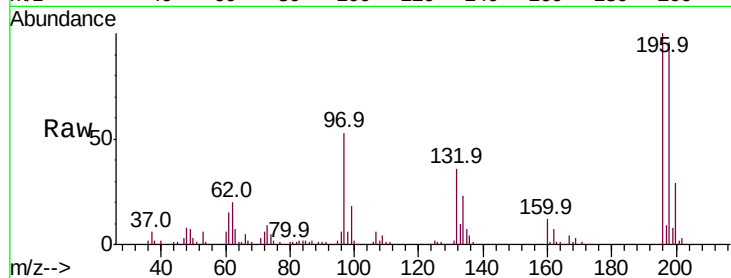




#43
 2,4,6-Trichlorophenol
 Concen: 9.122 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

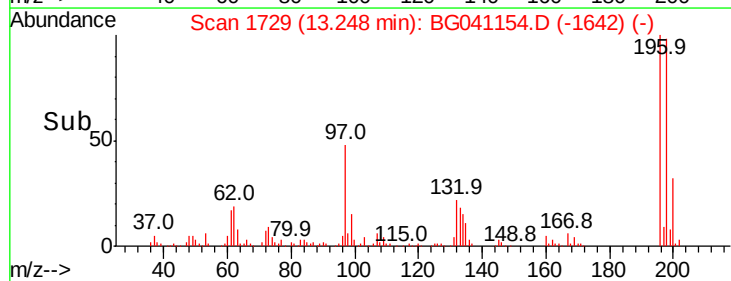
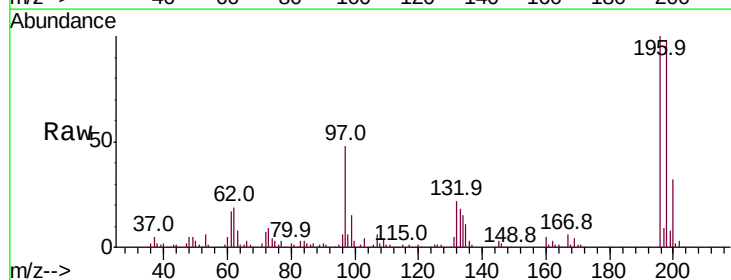
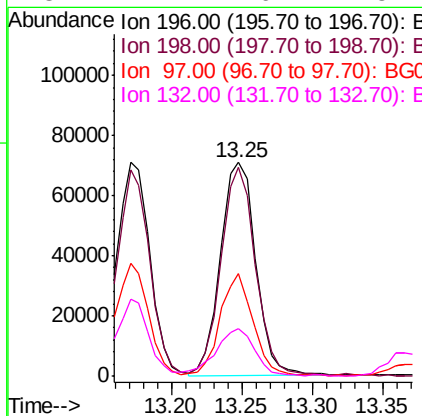
Instrument :
 BNA_G
 ClientSampleId :

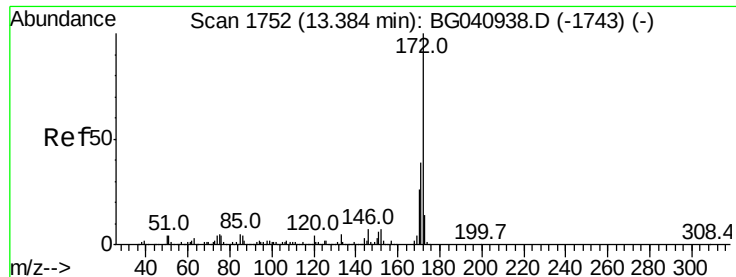
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	73.8	110.6
200	29.2	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 8.924 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.1	112.7
97	47.7	35.6	53.4
132	22.1	16.7	25.1

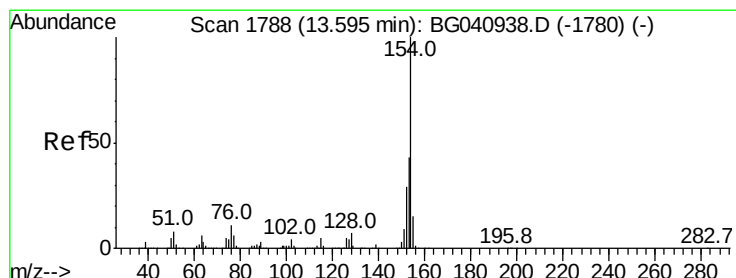
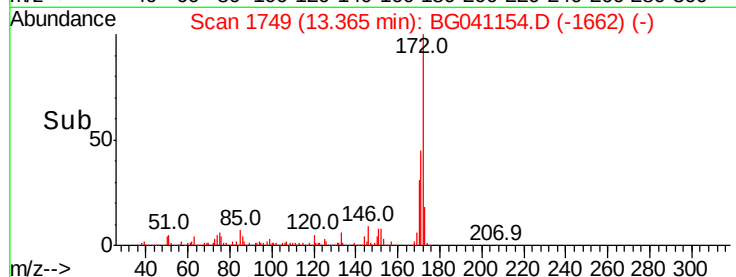
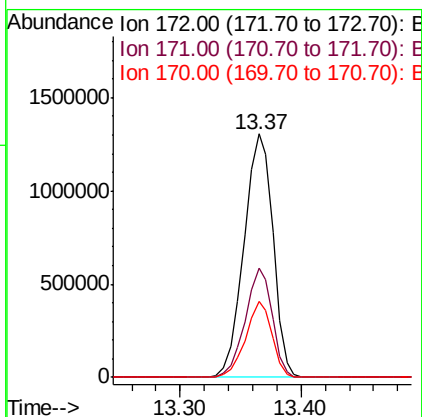
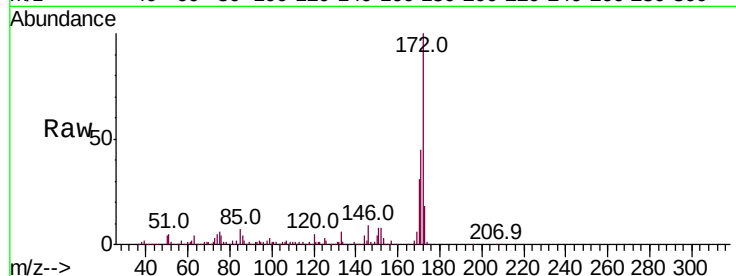




#45
2-Fluorobiphenyl
Concen: 62.841 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

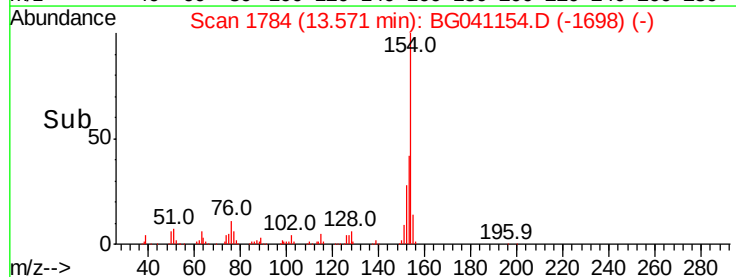
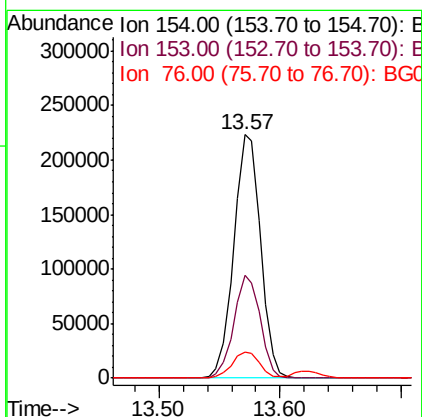
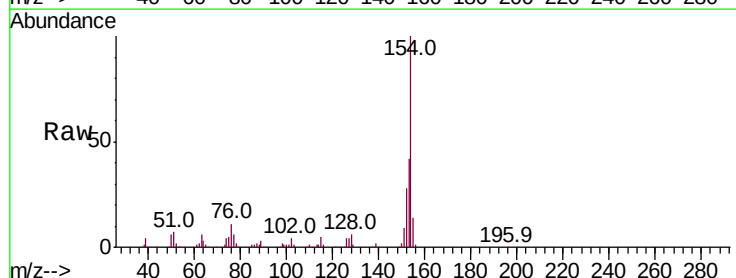
Instrument :
BNA_G
ClientSampleId :

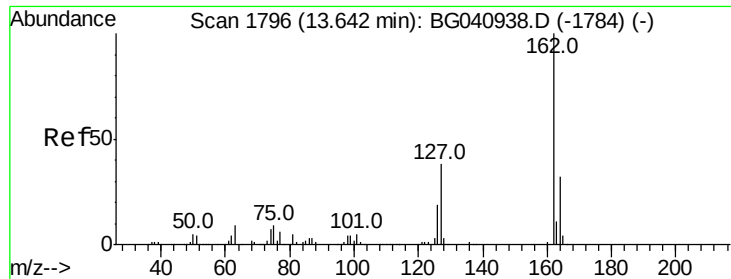
Tot Ion:172 Resp: 2186090
Ion Ratio Lower Upper
172 100
171 44.7 31.1 46.7
170 31.0 20.5 30.7#



#46
1,1'-Biphenyl
Concen: 9.294 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion:154 Resp: 344655
Ion Ratio Lower Upper
154 100
153 42.0 23.3 63.3
76 10.9 0.0 31.1

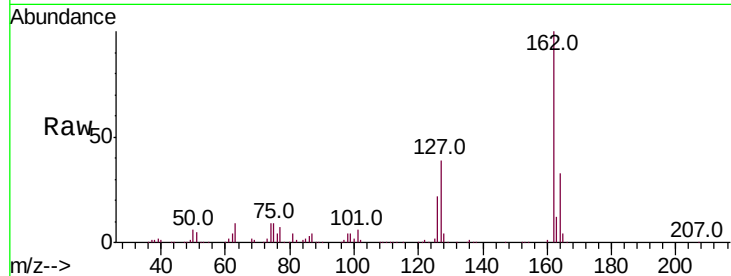




#47
2-Chloronaphthalene
Concen: 9.044 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.5	45.7
164	33.3	25.8	38.6

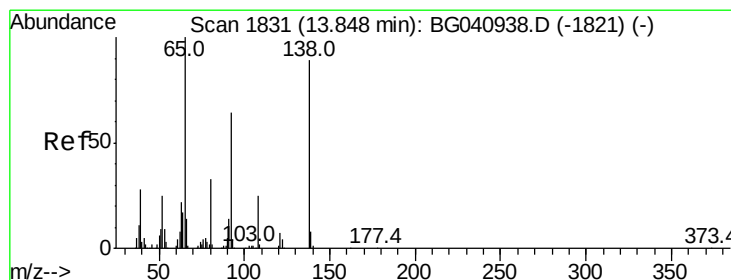
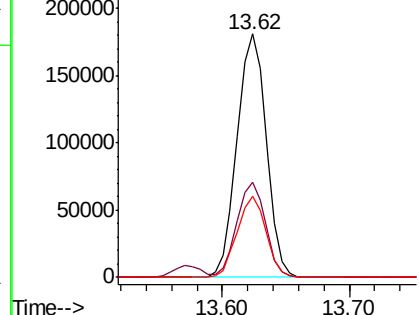
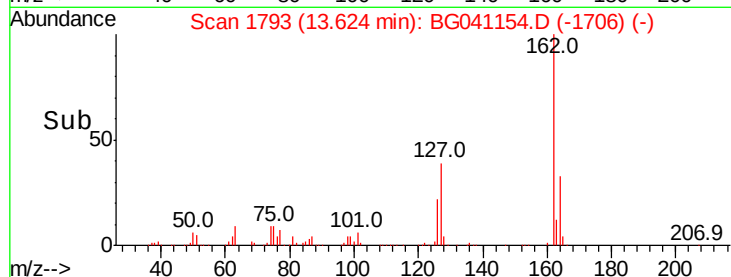


Abundance

Ion 162.00 (161.70 to 162.70): E

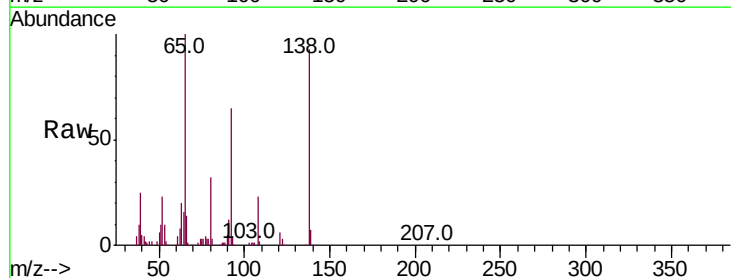
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 8.536 ng
RT: 13.83 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	51.0	76.6
138	92.6	71.2	106.8

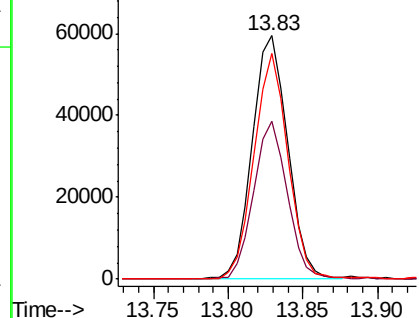
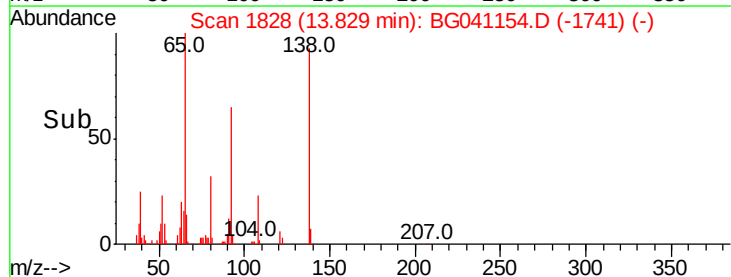


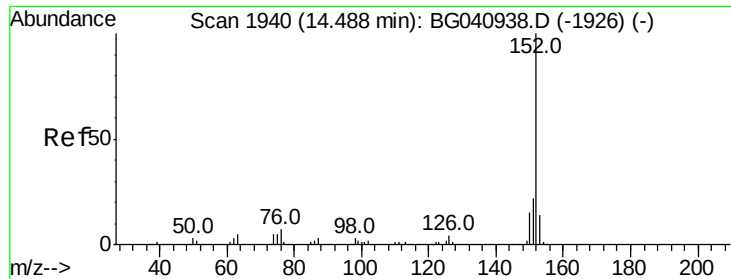
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.122 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

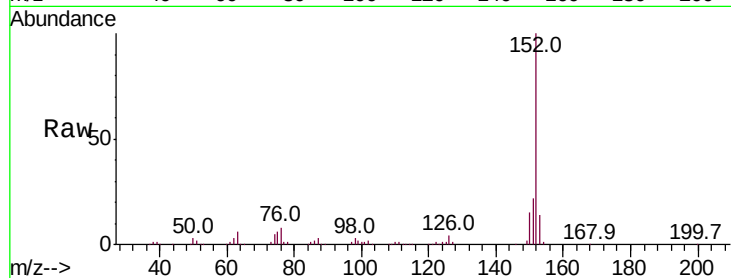
Tot Ion:152 Resp: 437084

Ion Ratio Lower Upper

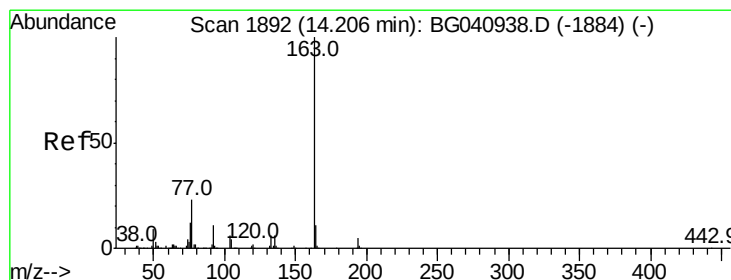
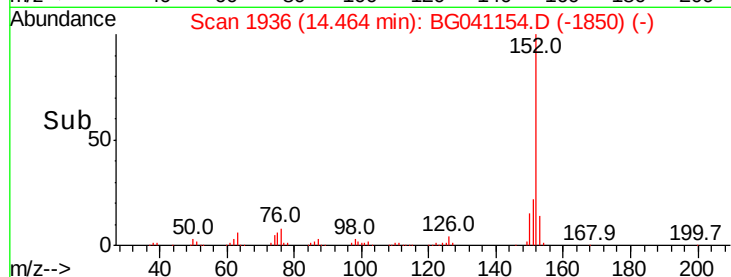
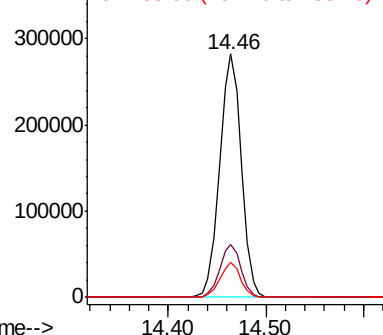
152 100

151 21.8 17.4 26.0

153 14.5 11.0 16.4



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



#50

Dimethylphthalate

Concen: 8.557 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

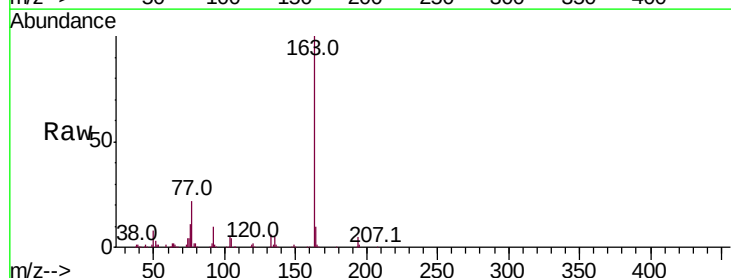
Tgt Ion:163 Resp: 362904

Ion Ratio Lower Upper

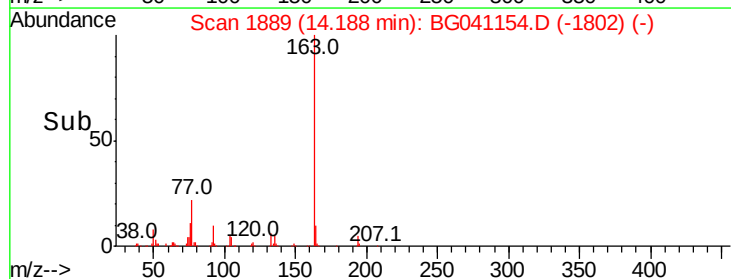
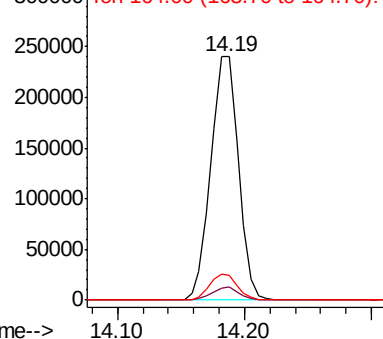
163 100

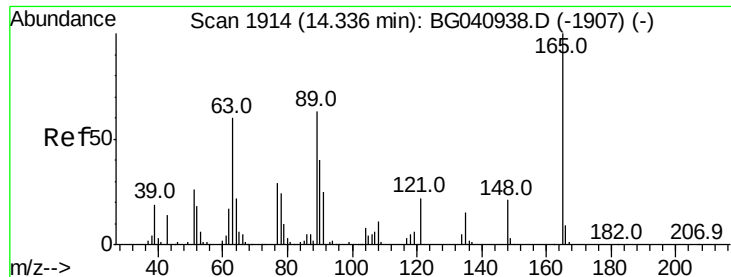
194 5.4 3.8 5.8

164 9.9 8.7 13.1



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

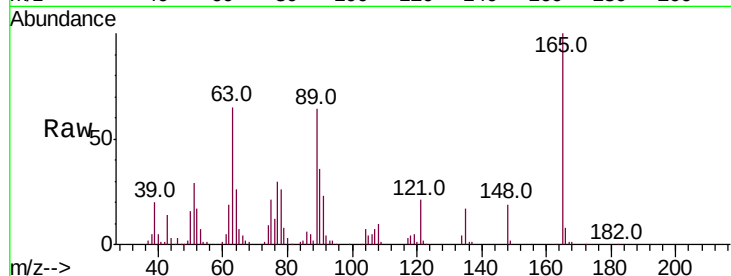




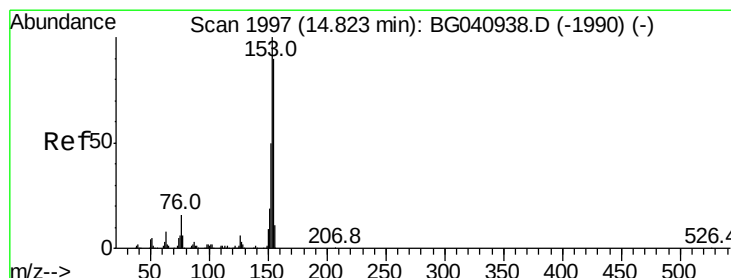
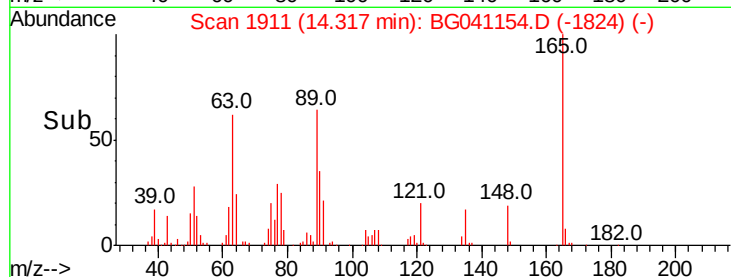
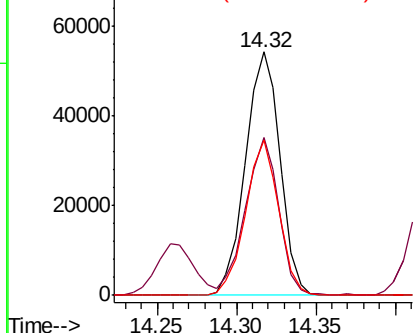
#51
 2,6-Dinitrotoluene
 Concen: 8.945 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 81793
 Ion Ratio Lower Upper
 165 100
 63 65.1 53.6 80.4
 89 63.7 50.4 75.6

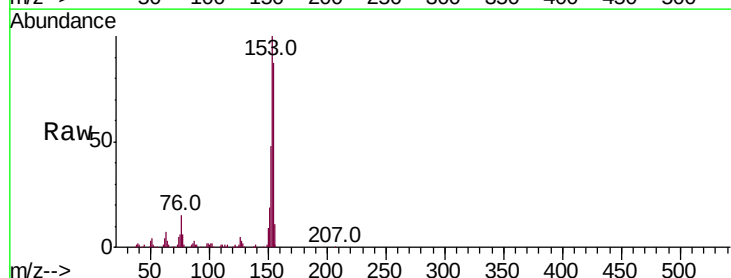


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

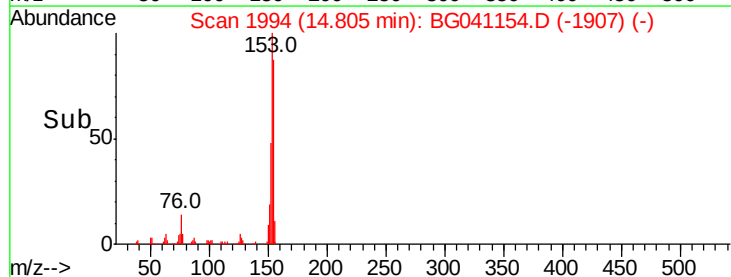
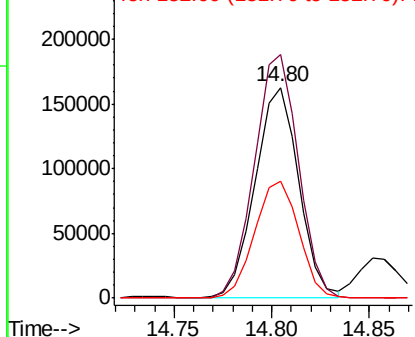


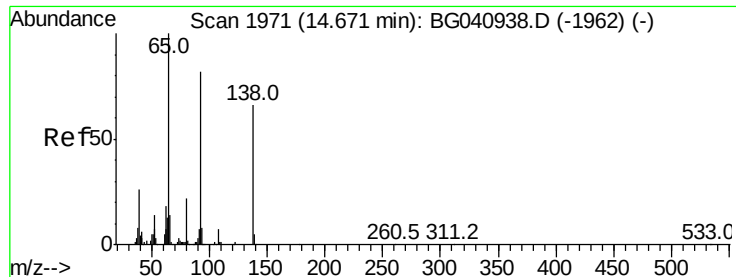
#52
 Acenaphthene
 Concen: 8.626 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

Tgt Ion:154 Resp: 250375
 Ion Ratio Lower Upper
 154 100
 153 115.5 88.6 133.0
 152 55.2 44.2 66.4



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

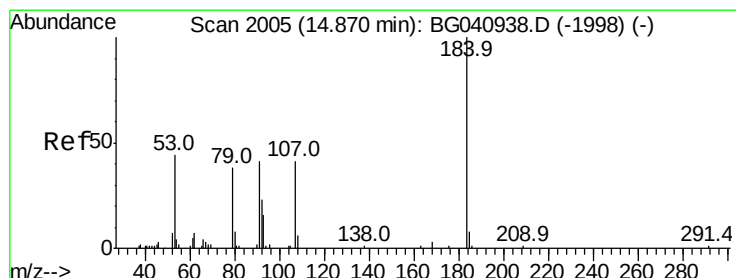
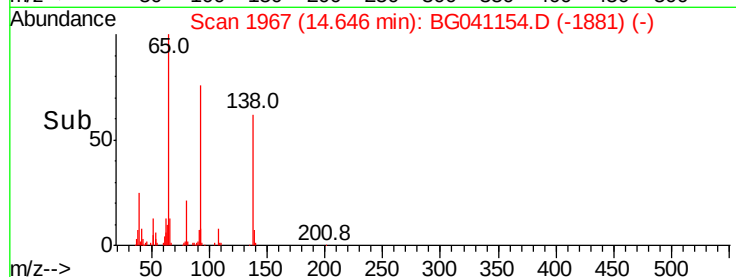
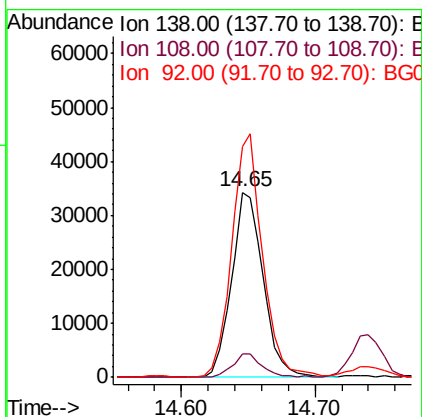
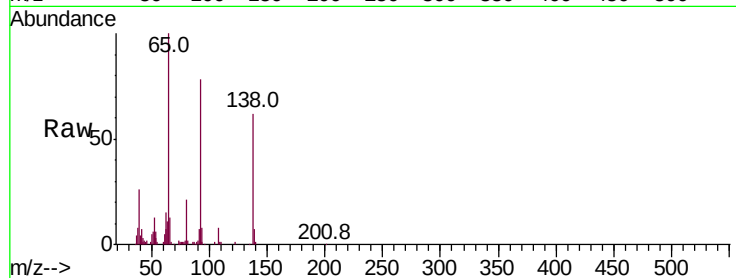




#53
3-Nitroaniline
Concen: 6.151 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

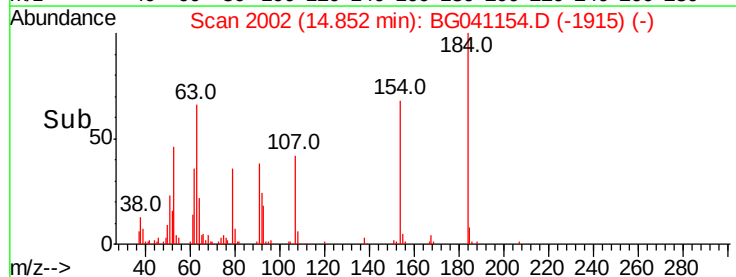
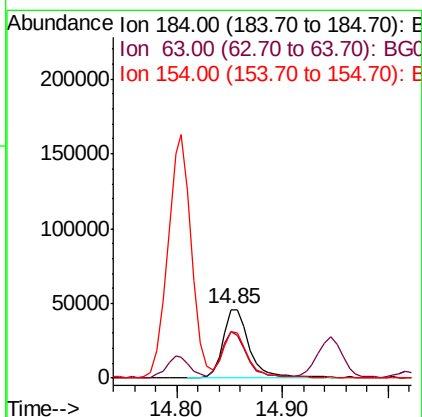
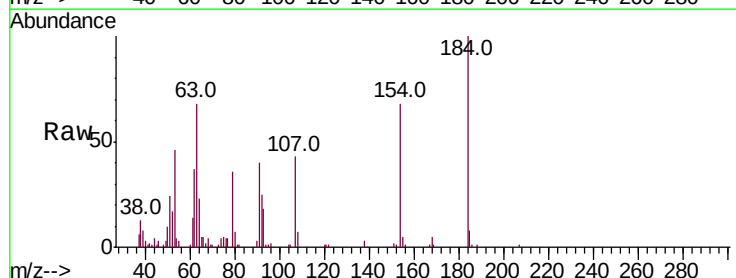
Instrument :
BNA_G
ClientSampleId :

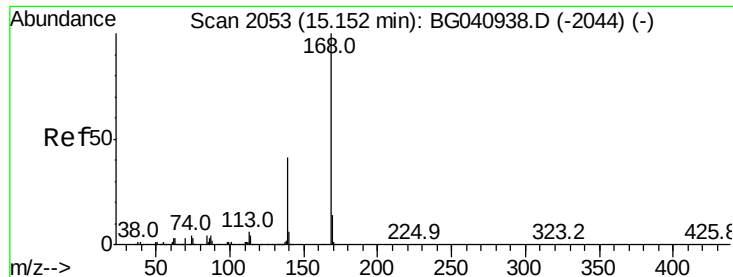
Tot Ion:138 Resp: 56236
Ion Ratio Lower Upper
138 100
108 12.5 8.5 12.7
92 125.0 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 27.474 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion:184 Resp: 80138
Ion Ratio Lower Upper
184 100
63 68.5 49.8 74.6
154 67.9 52.2 78.4





#55

Dibenzofuran

Concen: 9.112 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

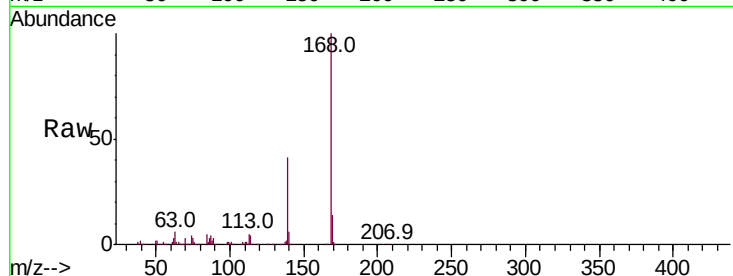
Tot Ion:168 Resp: 445015

Ion Ratio Lower Upper

168 100

139 41.1 32.8 49.2

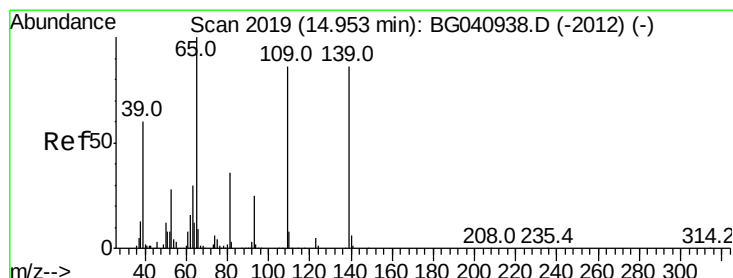
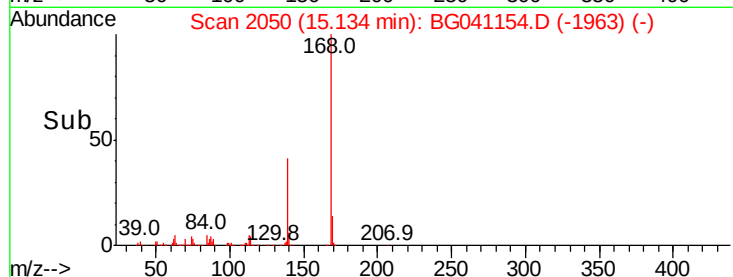
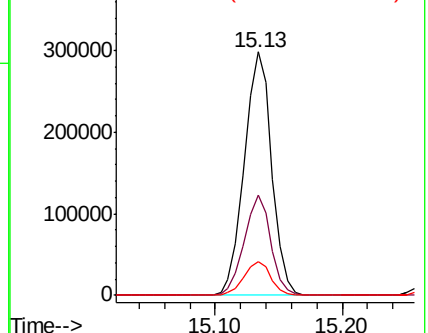
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 18.628 ng

RT: 14.95 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

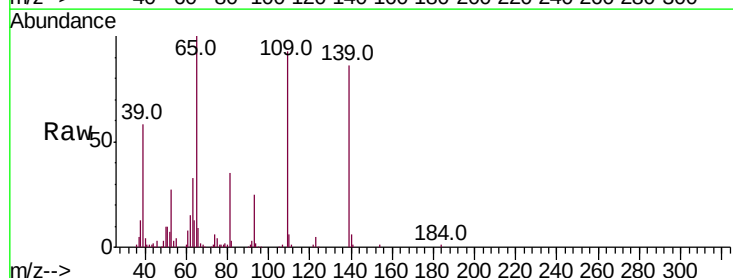
Tgt Ion:139 Resp: 116823

Ion Ratio Lower Upper

139 100

109 108.2 79.6 119.6

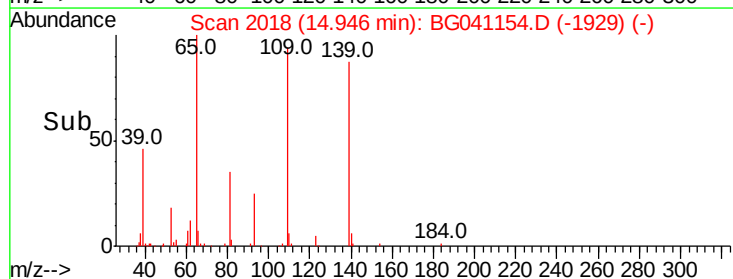
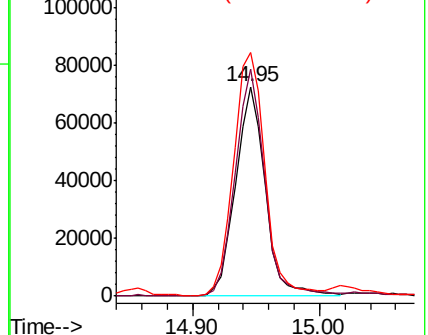
65 116.3 96.9 136.9

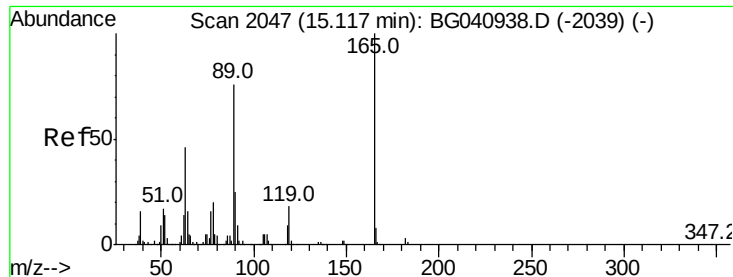


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

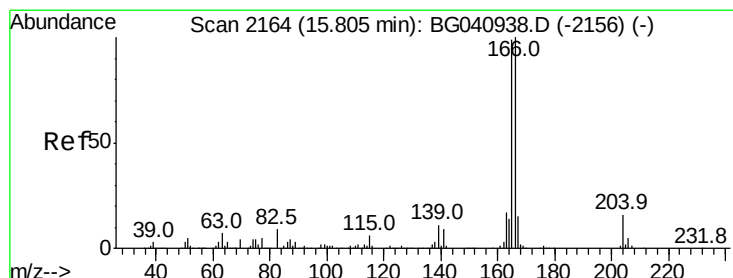
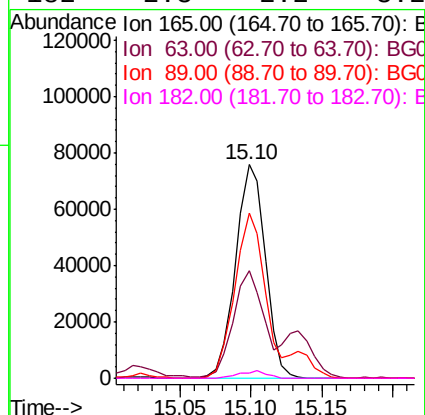
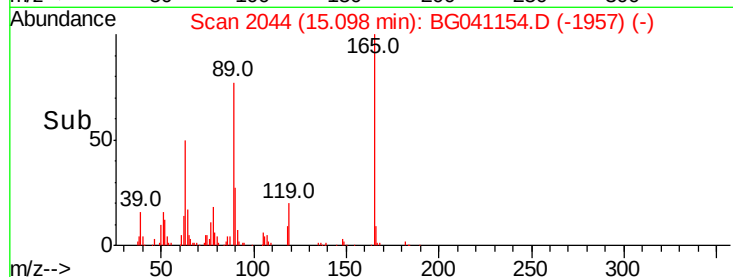
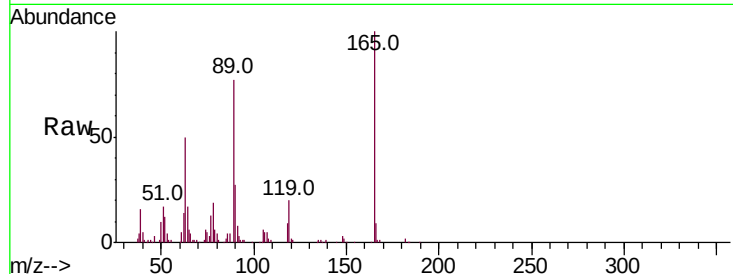




#57
2,4-Dinitrotoluene
Concen: 8.651 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

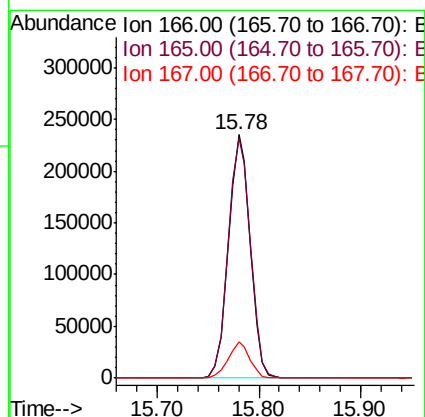
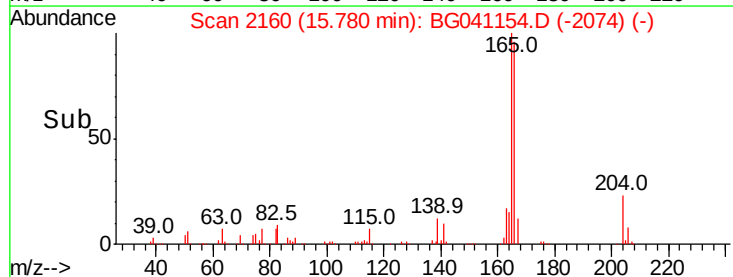
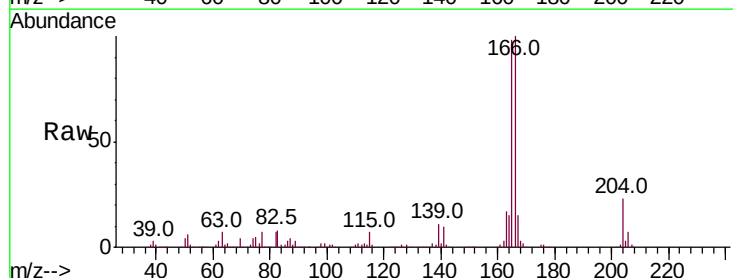
Instrument :
BNA_G
ClientSampleId :

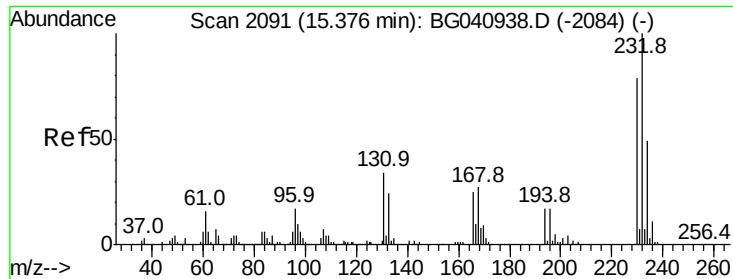
Tot Ion:165 Resp: 111730
Ion Ratio Lower Upper
165 100
63 50.3 37.3 55.9
89 77.1 61.0 91.6
182 2.3 2.2 3.2



#58
Fluorene
Concen: 8.933 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion:166 Resp: 347451
Ion Ratio Lower Upper
166 100
165 98.5 79.2 118.8
167 14.9 11.8 17.6

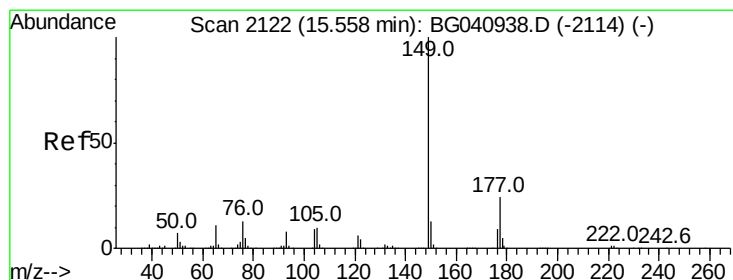
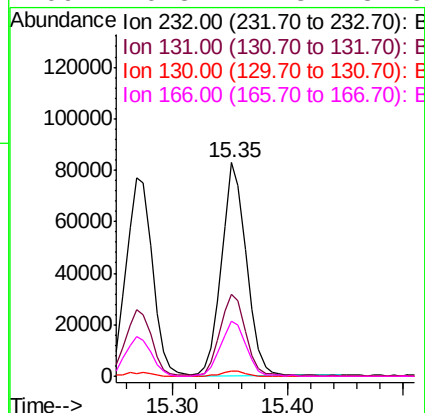
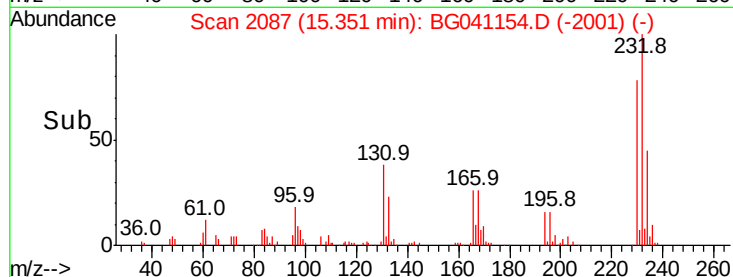
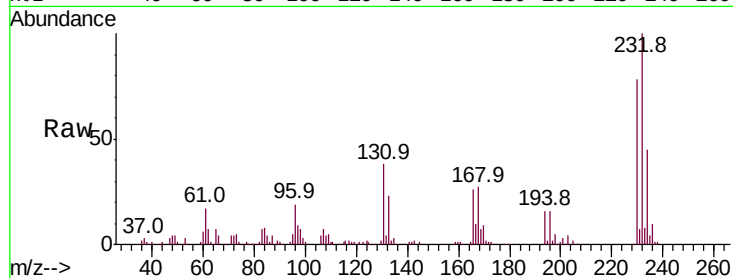




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.124 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

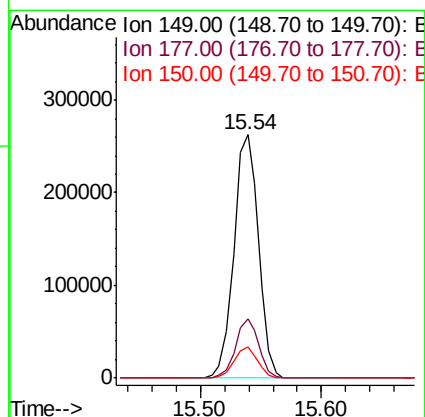
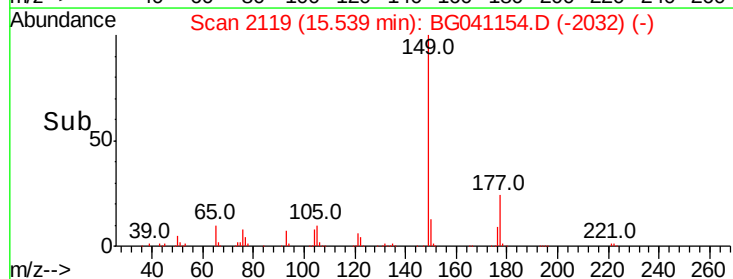
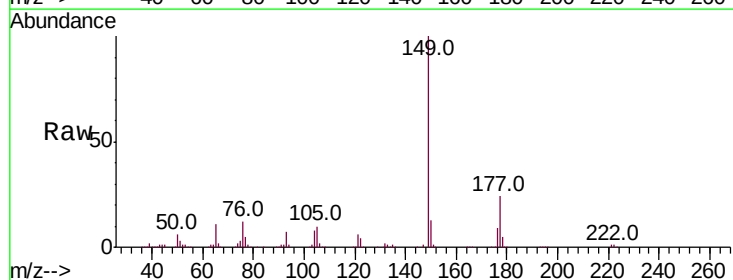
Instrument :
 BNA_G
 ClientSampleId :

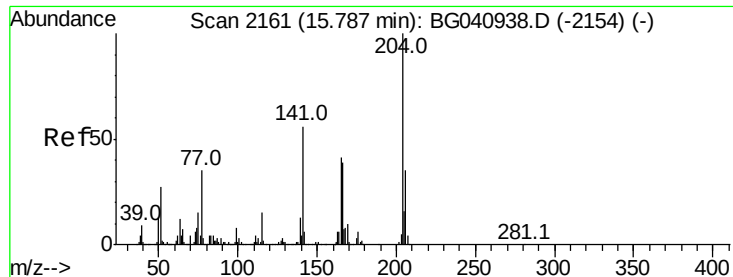
Tot Ion:	232	Resp:	123527
Ion	Ratio	Lower	Upper
232	100		
131	38.9	30.3	45.5
130	2.3	1.8	2.8
166	26.8	21.3	31.9



#60
 Diethylphthalate
 Concen: 8.547 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

Tgt Ion:	149	Resp:	369918
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	12.9	10.3	15.5

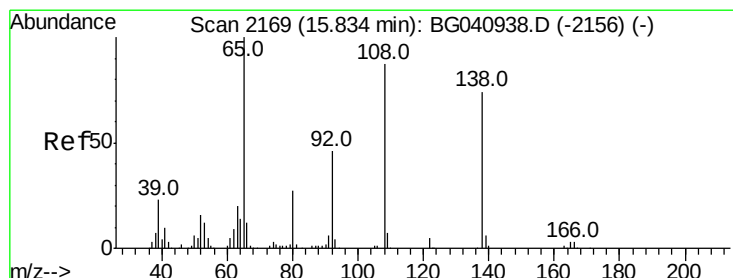
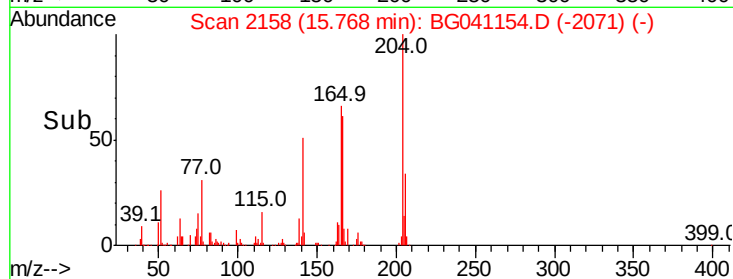
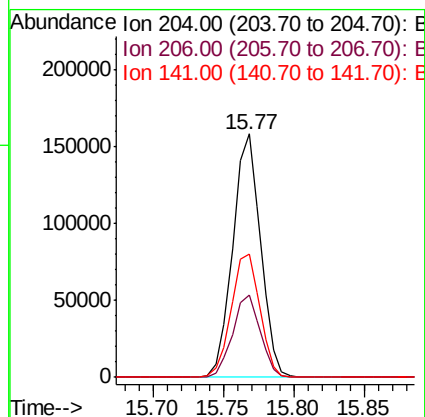
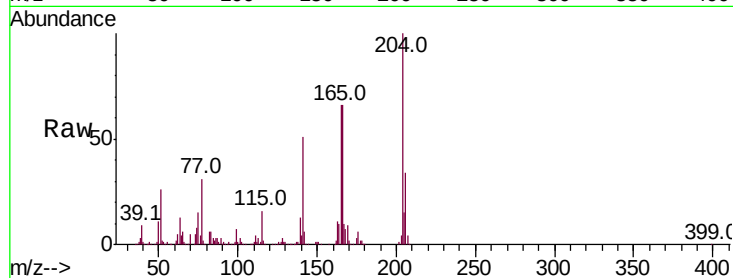




#61
4-Chlorophenyl-phenylether
Concen: 8.586 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

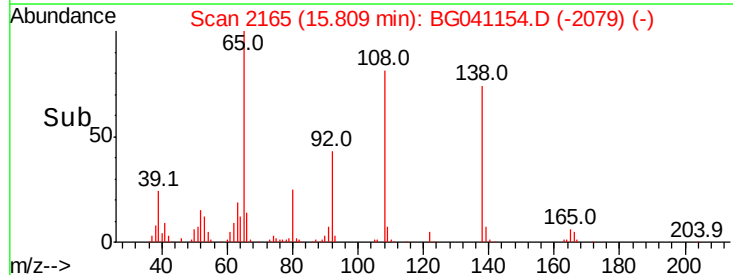
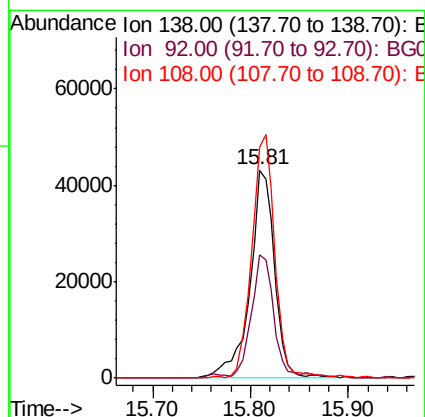
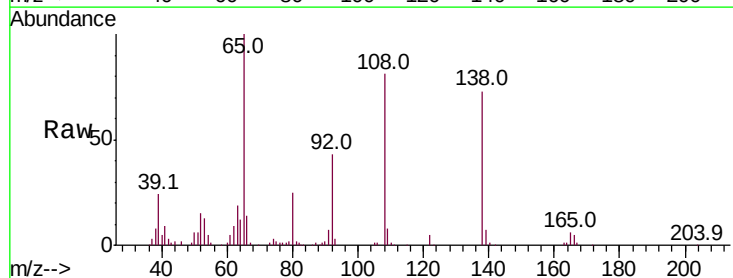
Instrument :
BNA_G
ClientSampleId :

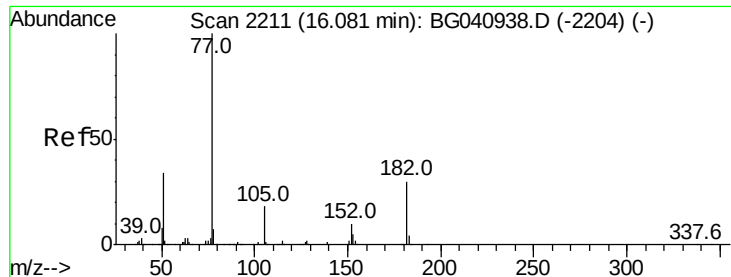
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.6	41.4
141	50.9	45.1	67.7



#62
4-Nitroaniline
Concen: 7.957 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	42.4	82.4
108	110.7	96.9	136.9





#63

Azobenzene

Concen: 8.763 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 344695

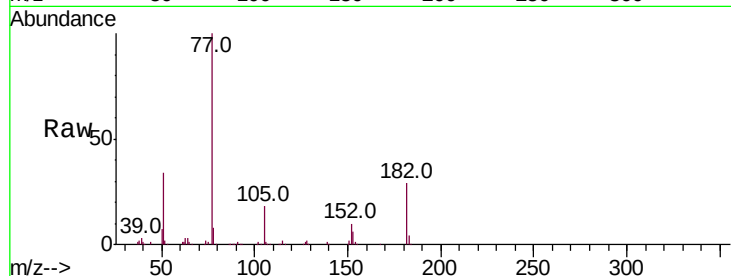
Ion	Ratio	Lower	Upper
77	100		
182	29.5	9.6	49.6
105	18.4	0.0	37.5
51	34.1	13.7	53.7

77 100

182 29.5 9.6 49.6

105 18.4 0.0 37.5

51 34.1 13.7 53.7

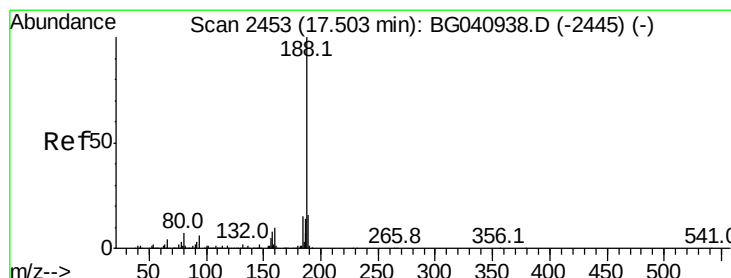
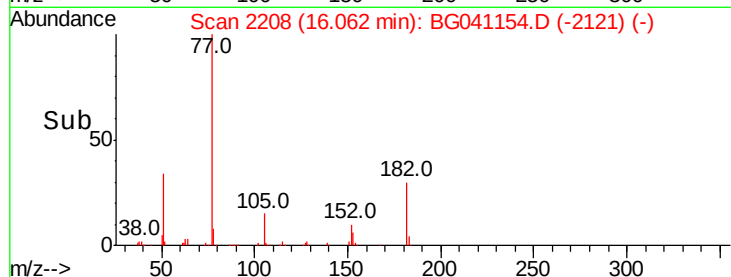
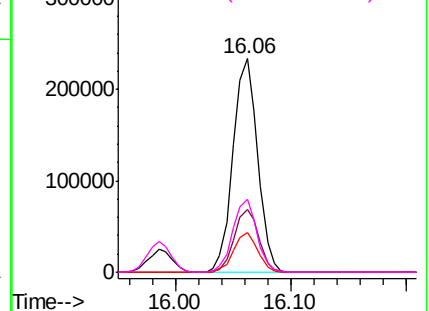


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

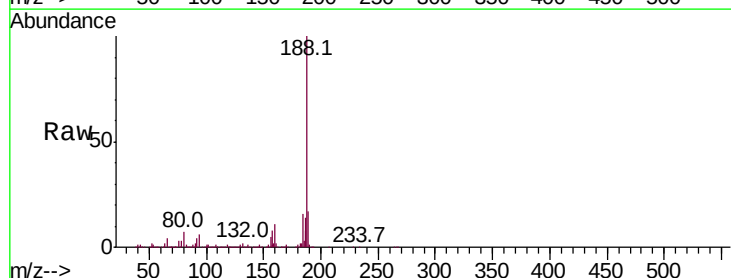
Tgt Ion: 188 Resp: 1208624

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	7.5	5.8	8.8

188 100

94 6.2 4.7 7.1

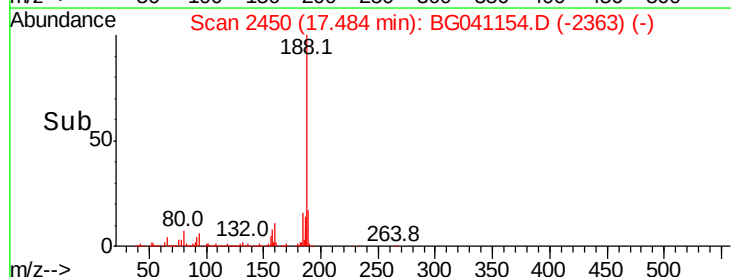
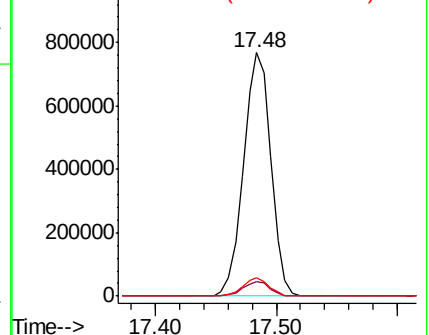
80 7.5 5.8 8.8

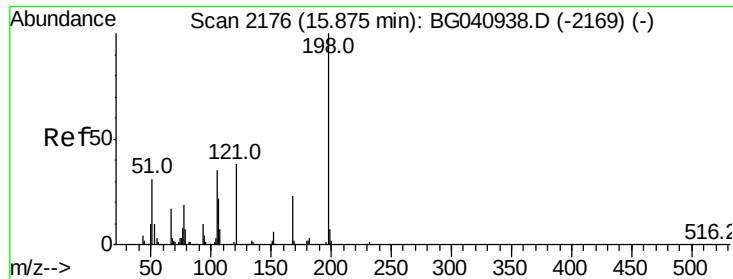


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 16.604 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampled :

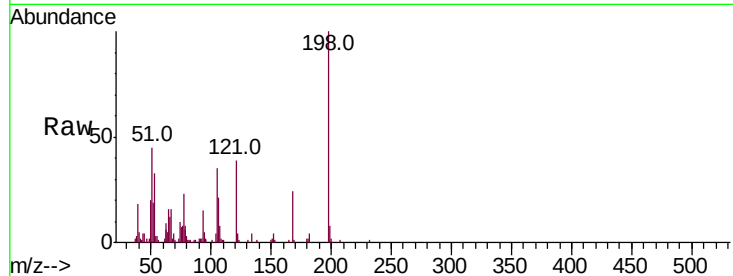
Tot Ion:198 Resp: 63218

Ion	Ratio	Lower	Upper
198	100		
51	45.2	21.6	61.6
105	35.5	17.5	57.5

198 100

51 45.2 21.6 61.6

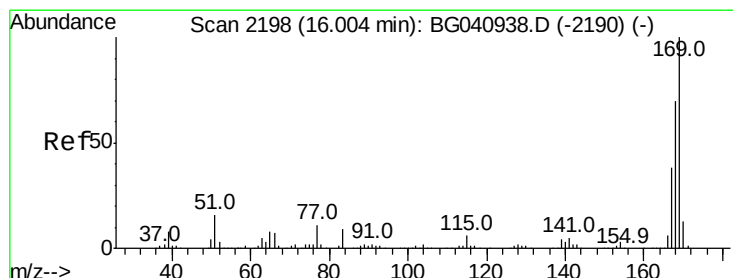
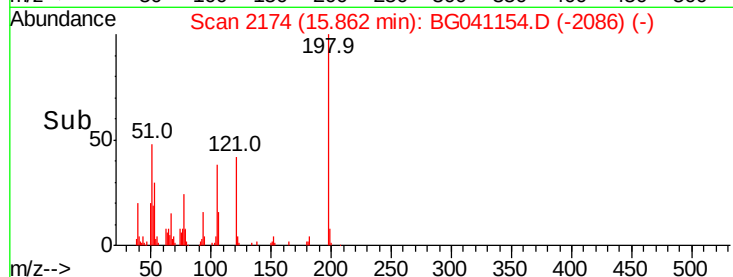
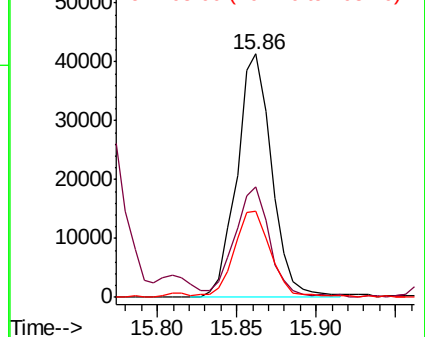
105 35.5 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.192 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

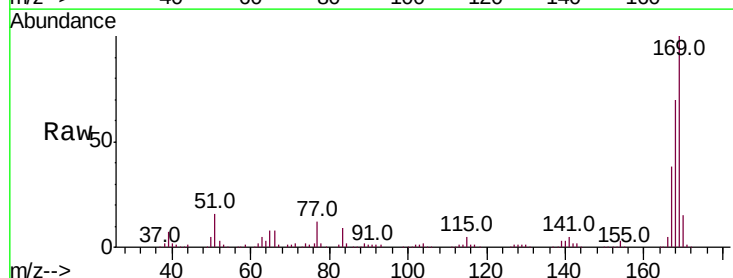
Tgt Ion:169 Resp: 312318

Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	38.1	30.2	45.2

169 100

168 69.7 55.7 83.5

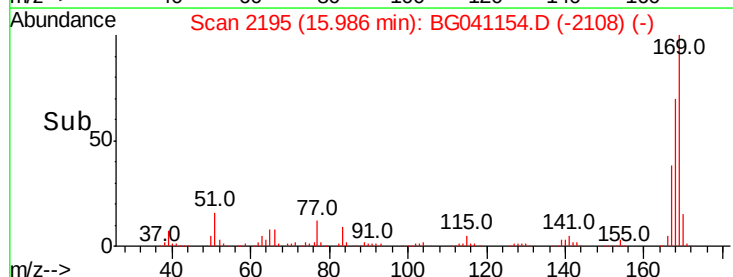
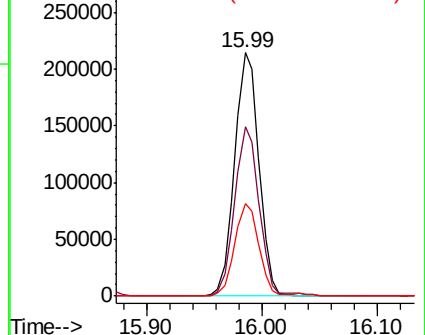
167 38.1 30.2 45.2

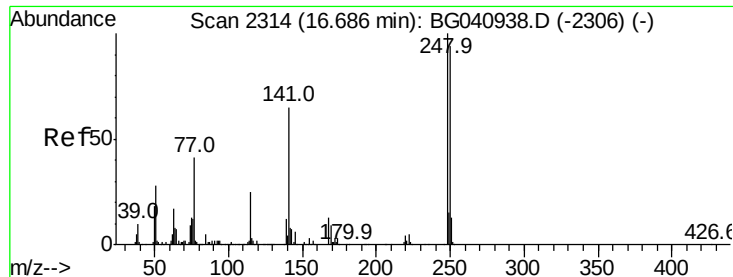


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

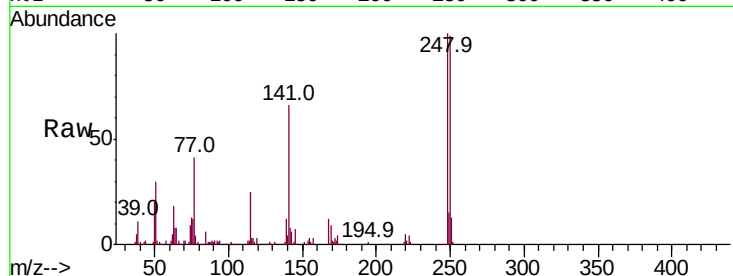




#67
4-Bromophenyl-phenylether
Concen: 8.793 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	75.0	112.4
141	66.1	52.4	78.6

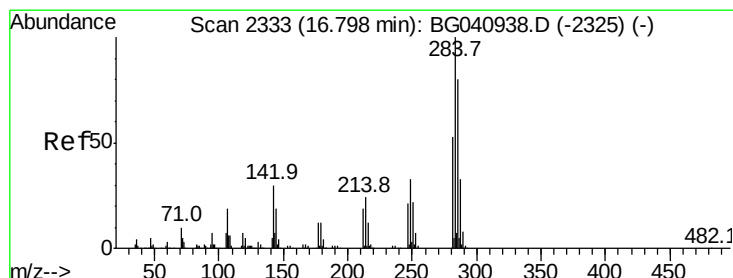
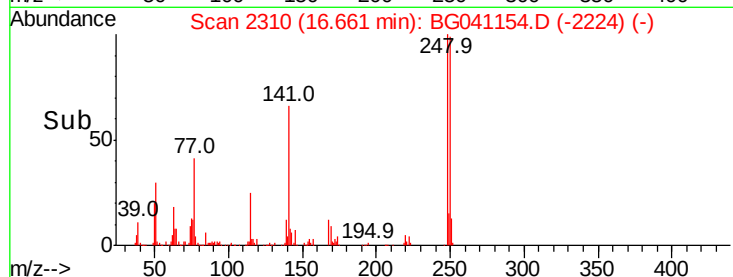
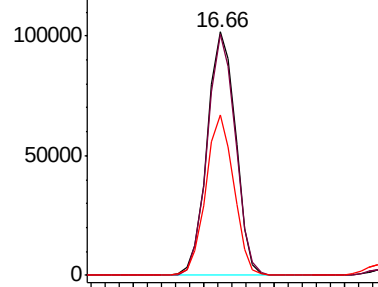


Abundance

Ion 248.00 (247.70 to 248.70): E

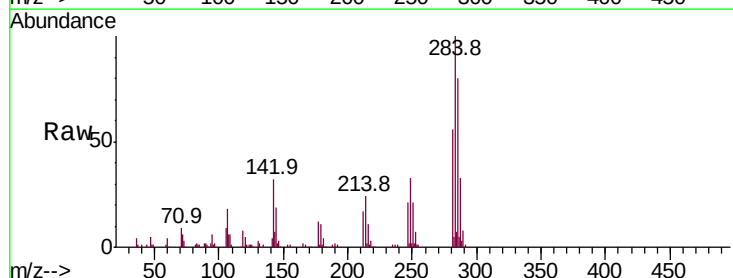
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 8.686 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	23.9	35.9
249	33.5	26.8	40.2

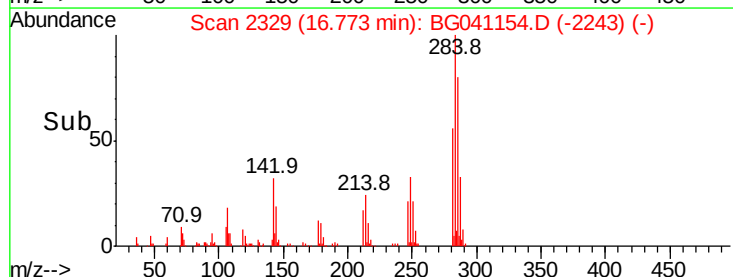
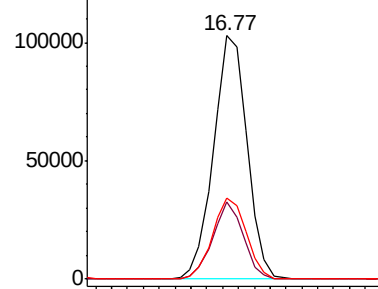


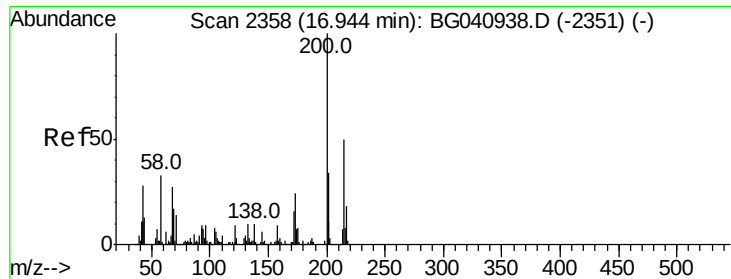
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 9.900 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

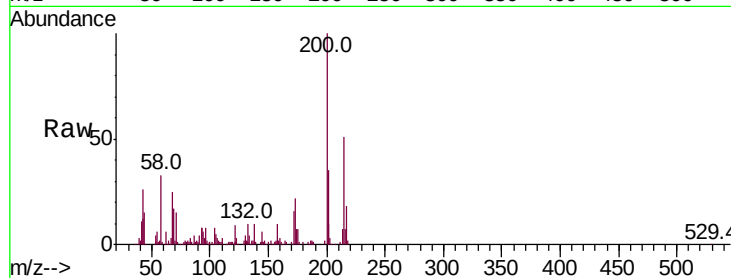
Tot Ion:200 Resp: 129789

Ion Ratio Lower Upper

200 100

173 22.3 3.6 43.6

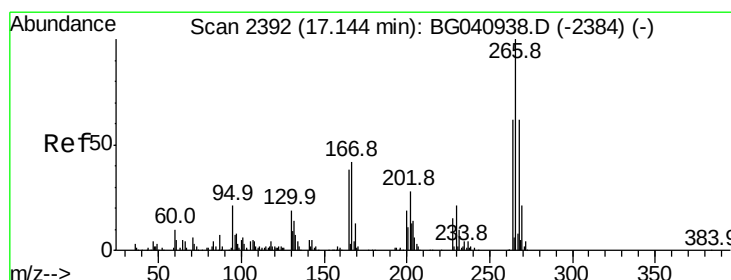
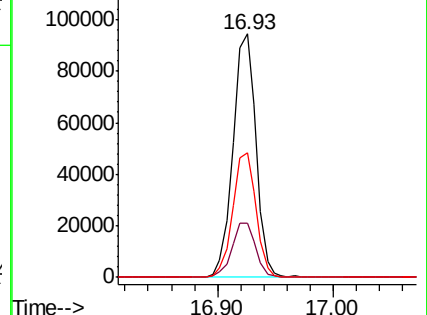
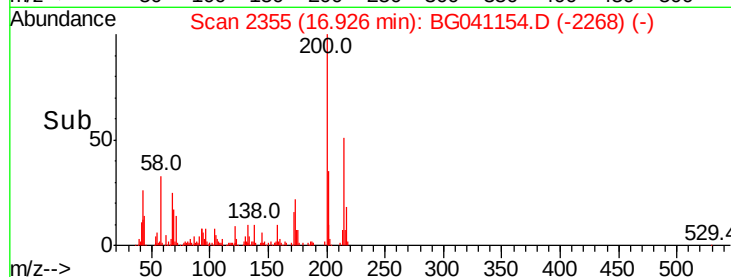
215 50.9 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 20.752 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

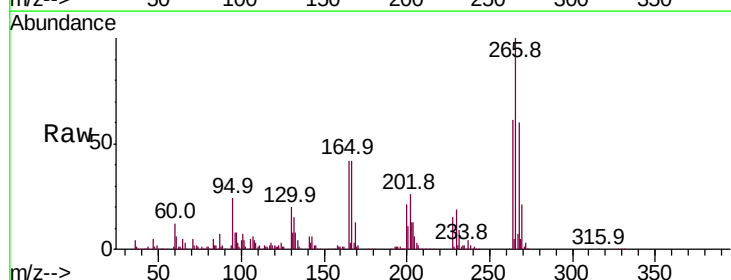
Tgt Ion:266 Resp: 162106

Ion Ratio Lower Upper

266 100

268 60.1 53.1 79.7

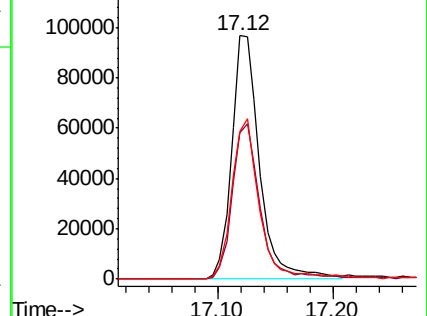
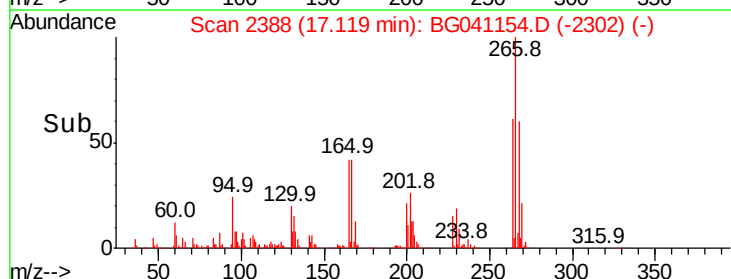
264 60.8 49.9 74.9

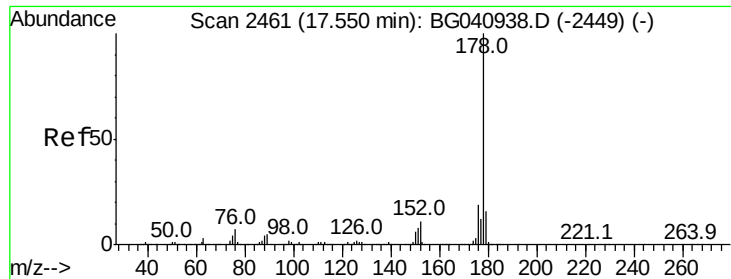


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

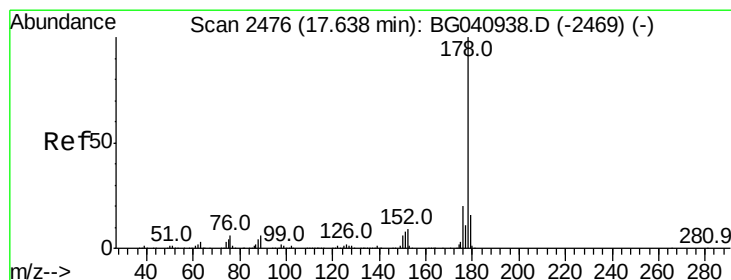
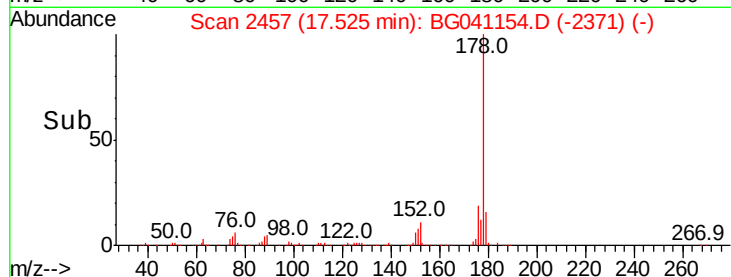
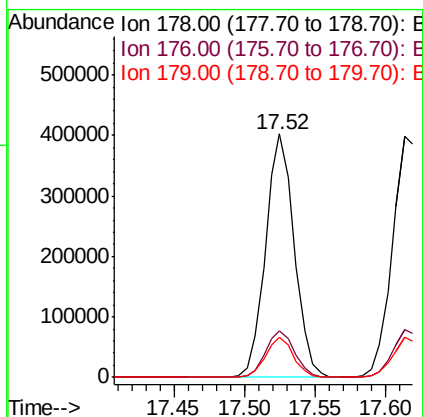
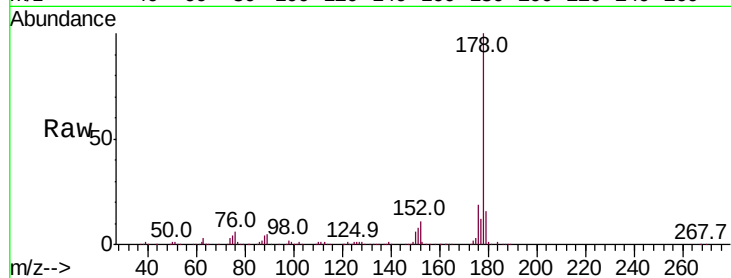




#71
Phenanthrene
Concen: 9.125 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

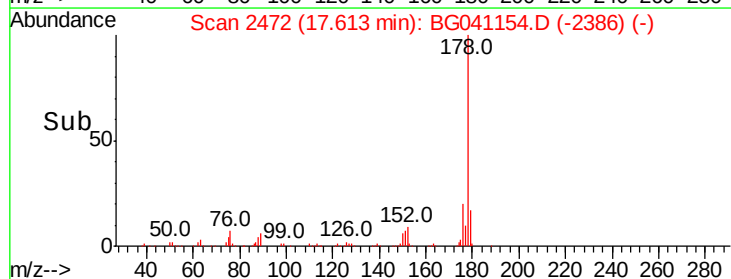
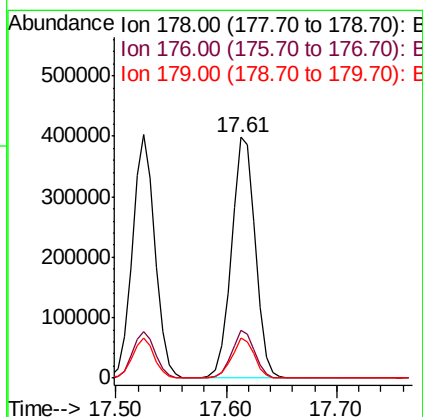
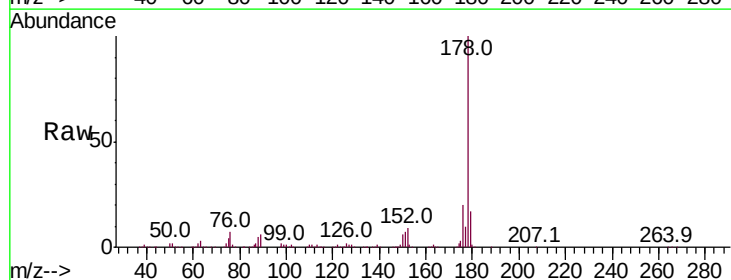
Instrument :
BNA_G
ClientSampled :

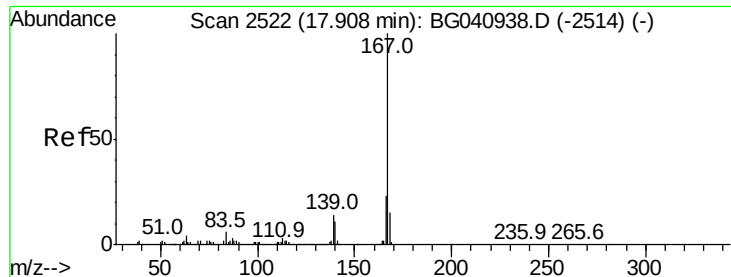
Tot Ion:178 Resp: 574470
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 16.4 12.7 19.1



#72
Anthracene
Concen: 9.670 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion:178 Resp: 600397
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.6 13.0 19.4

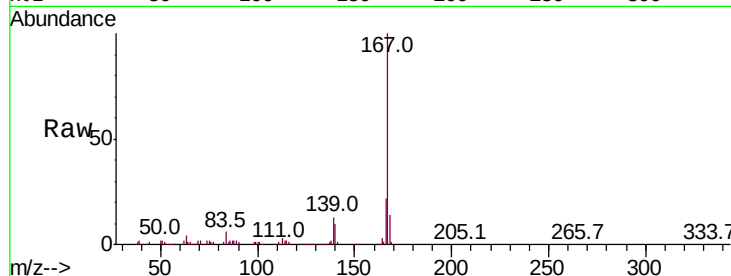




#73
 Carbazole
 Concen: 9.606 ng
 RT: 17.88 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.4
139	13.4	10.8	16.2

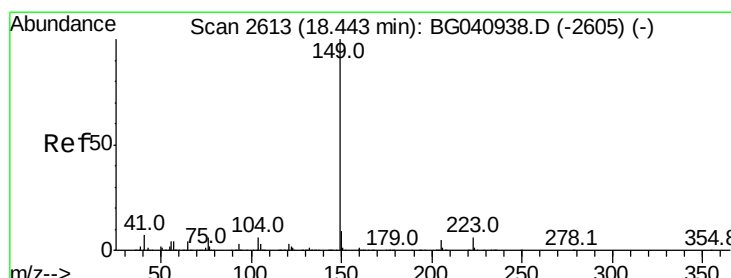
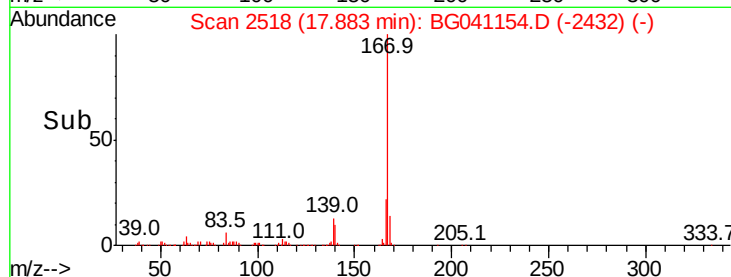
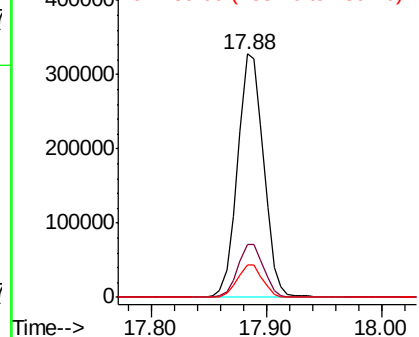


Abundance

Ion 167.00 (166.70 to 167.70): E

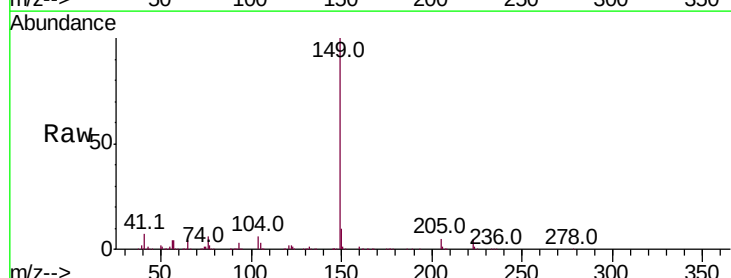
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 9.235 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BG041154.D
 Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.5	5.0	7.4

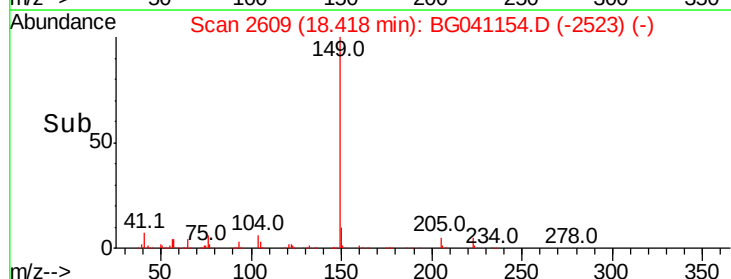
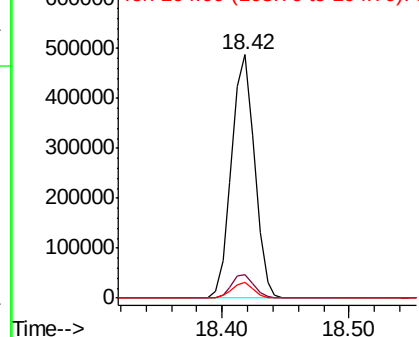


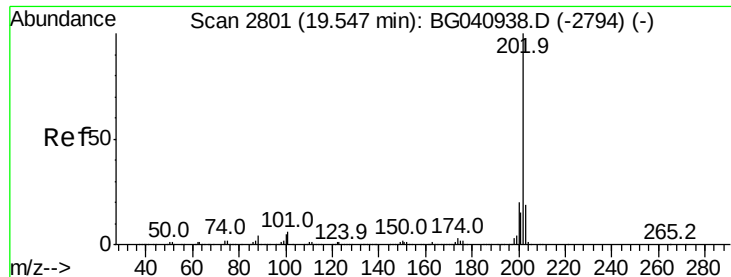
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.824 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

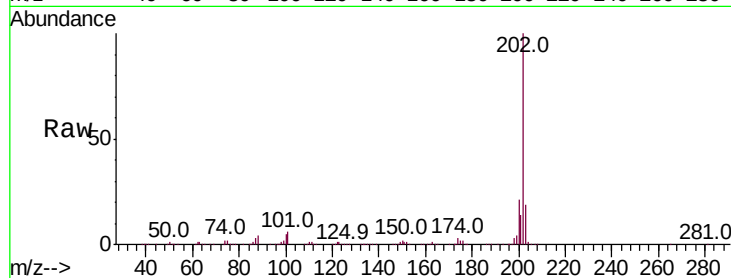
Tot Ion:202 Resp: 763892

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

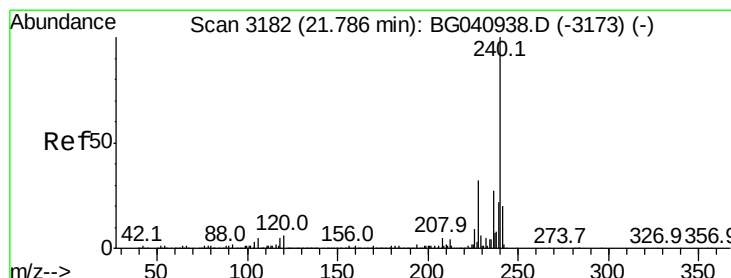
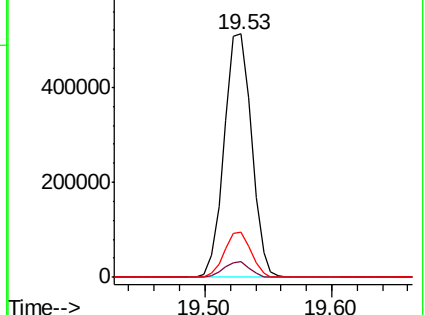
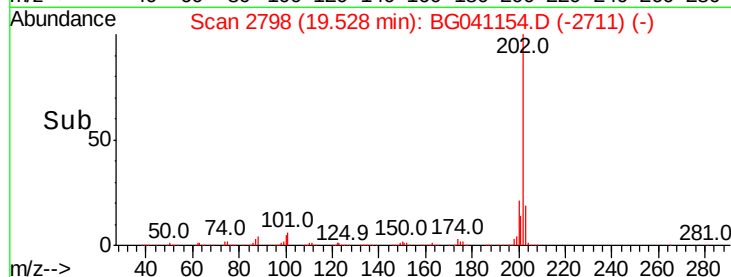
203 18.7 0.0 38.7



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: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

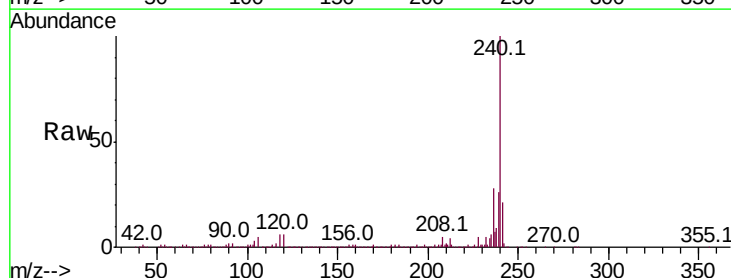
Tgt Ion:240 Resp: 1208623

Ion Ratio Lower Upper

240 100

120 5.9 4.5 6.7

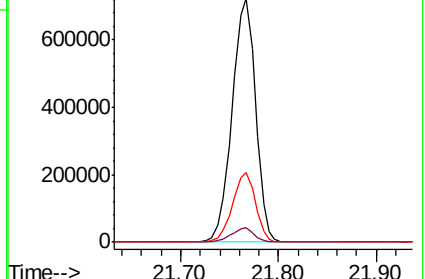
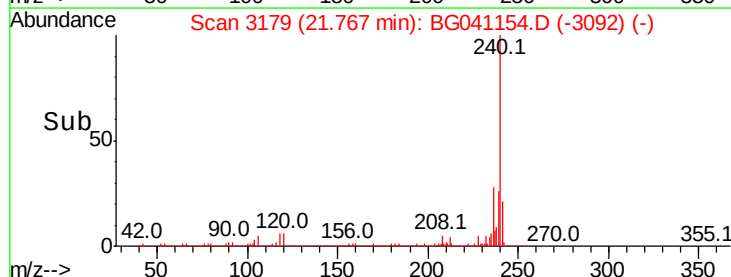
236 28.4 21.3 31.9

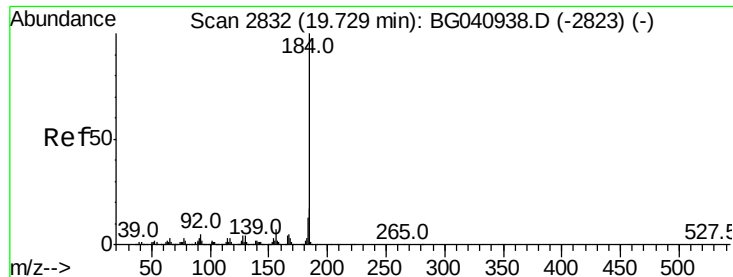


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.006 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

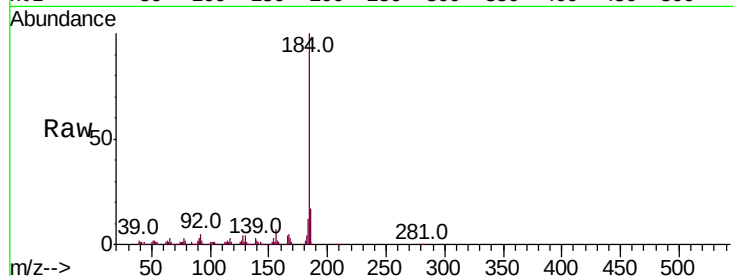
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 230843

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.3	19.9
183	11.9	10.7	16.1



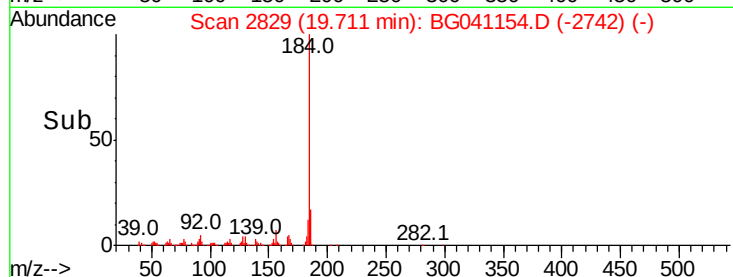
Abundance

Ion 184.00 (183.70 to 184.70): E

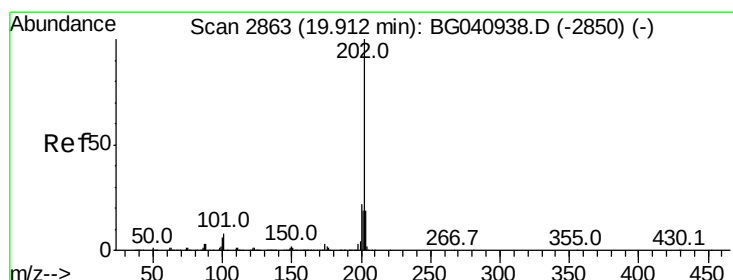
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.71



Time-->



#78

Pyrene

Concen: 9.764 ng

RT: 19.89 min Scan# 2860

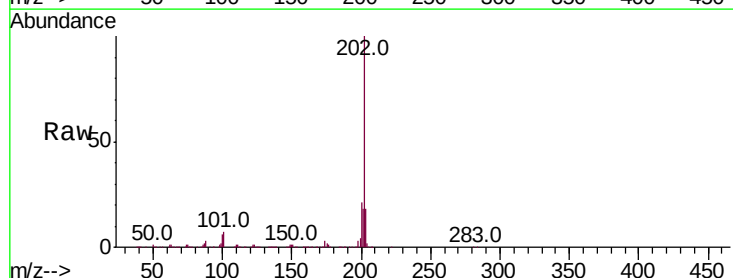
Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Tgt Ion:202 Resp: 767171

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.8	15.6	23.4



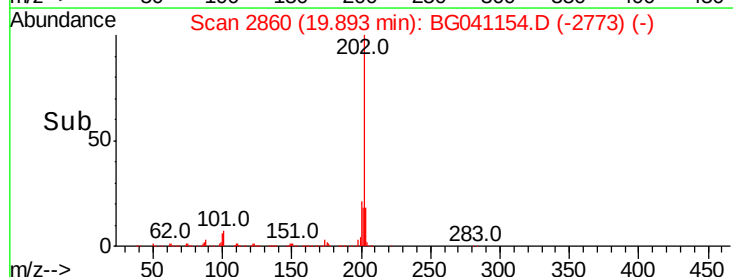
Abundance

Ion 202.00 (201.70 to 202.70): E

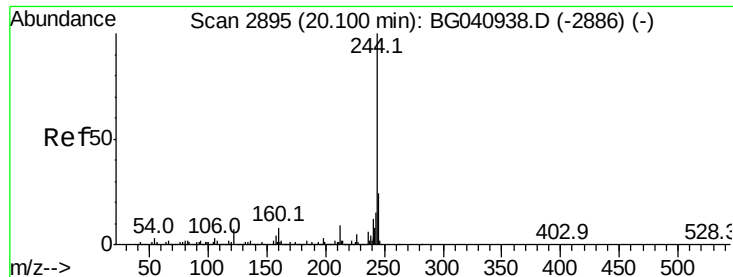
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.89



Time-->



#79

Terphenyl-d14

Concen: 56.224 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

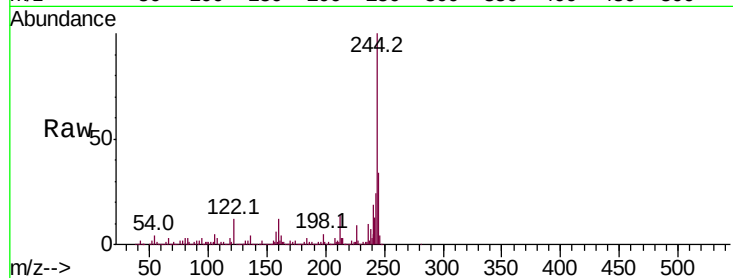
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 3201807

Ion	Ratio	Lower	Upper
244	100		
212	13.9	7.0	10.4
122	12.3	5.4	8.0

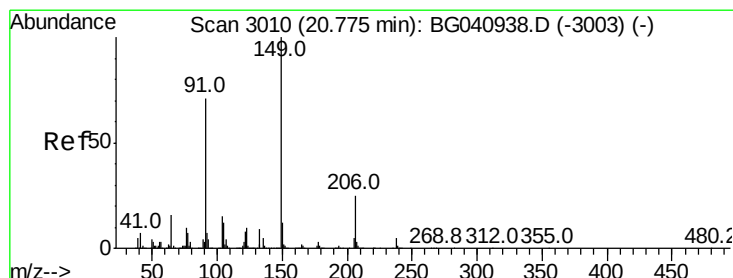
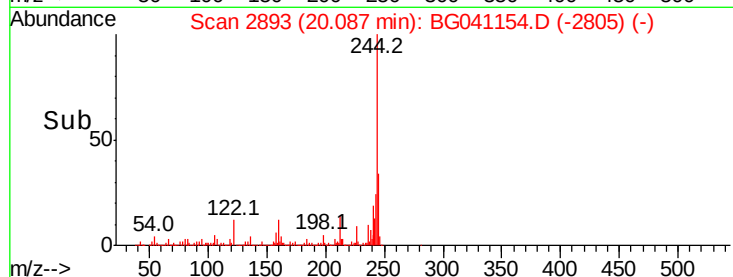
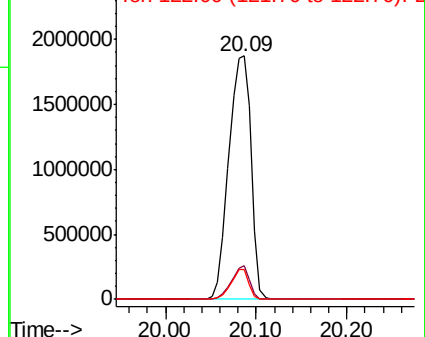


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.261 ng

RT: 20.75 min Scan# 3006

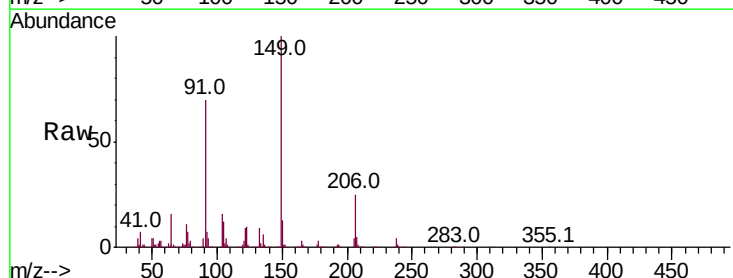
Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Tgt Ion:149 Resp: 283166

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.5	84.7
206	25.0	20.3	30.5

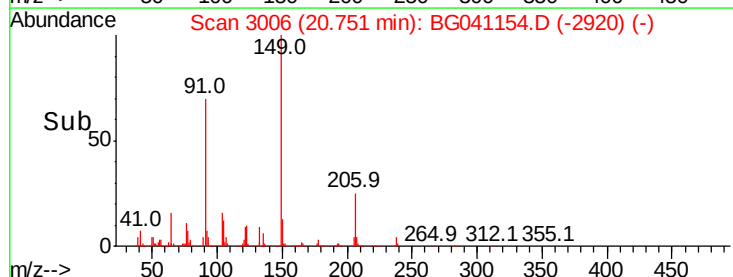
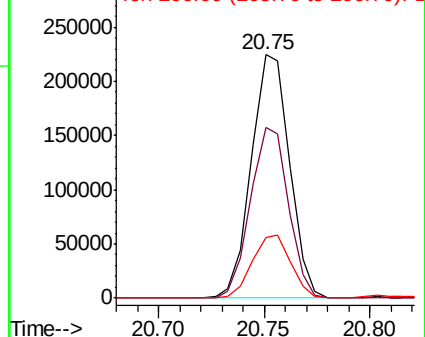


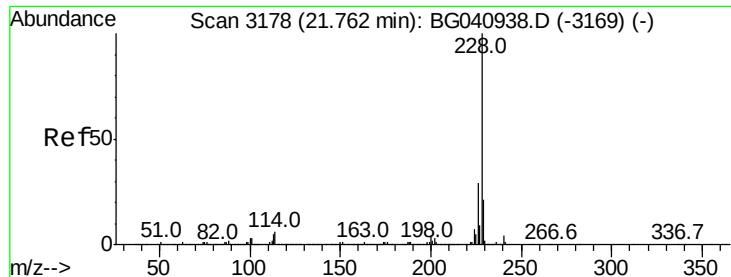
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.166 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

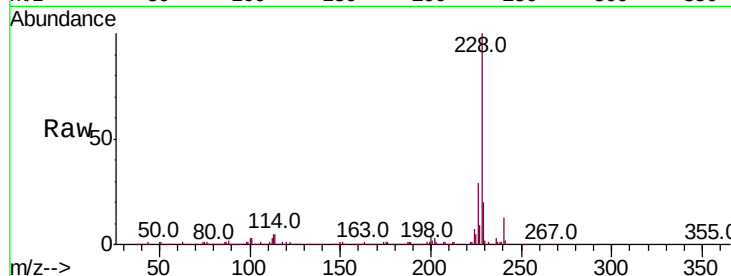
Tot Ion:228 Resp: 737448

Ion Ratio Lower Upper

228 100

226 28.7 23.5 35.3

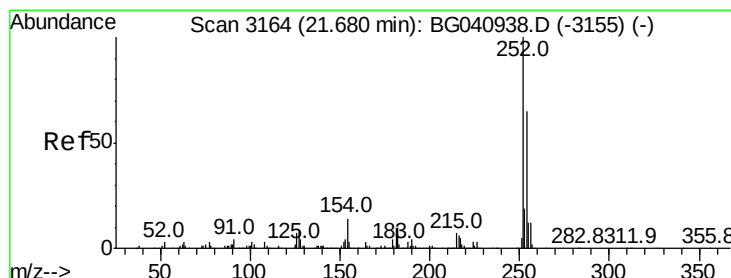
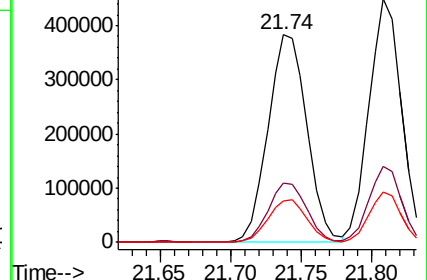
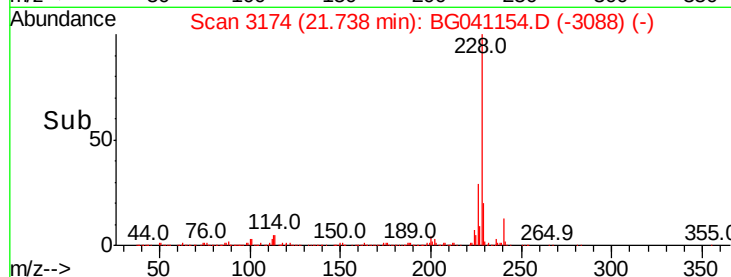
229 20.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 6.517 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

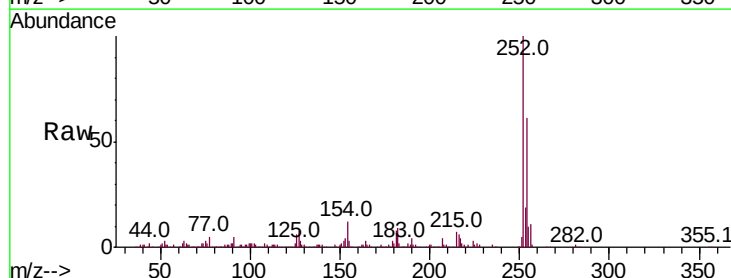
Tgt Ion:252 Resp: 184428

Ion Ratio Lower Upper

252 100

254 61.4 52.1 78.1

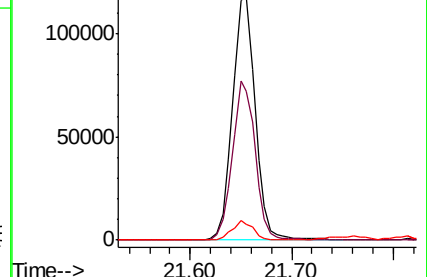
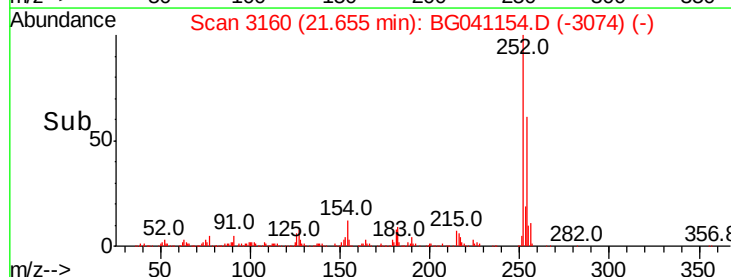
126 6.5 5.5 8.3

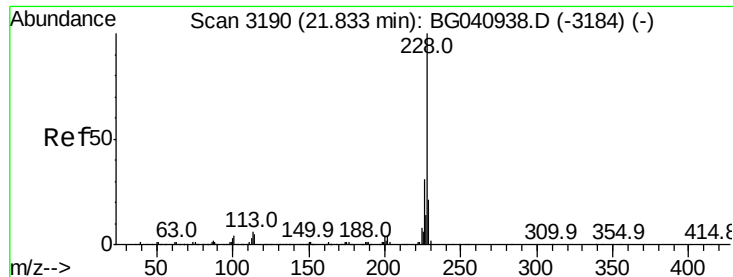


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 9.261 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

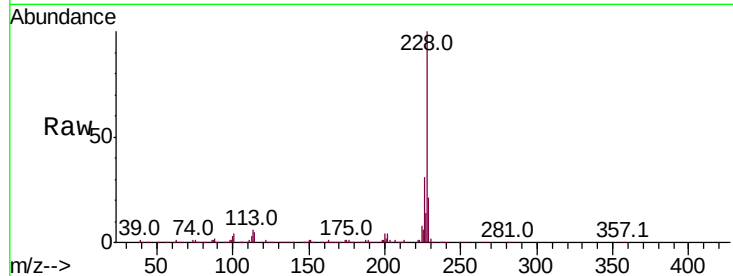
Tot Ion:228 Resp: 713018

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

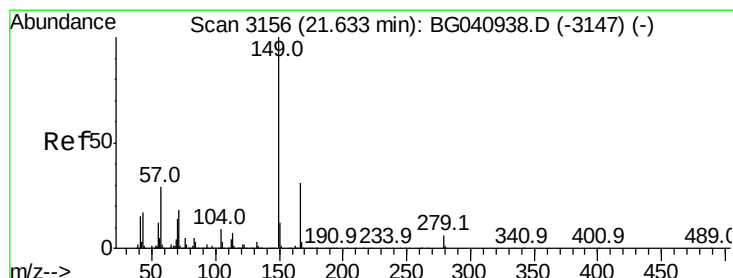
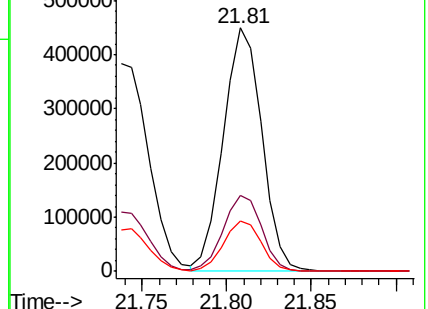
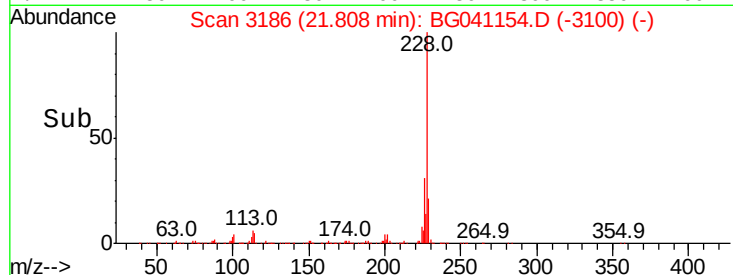
229 20.9 16.6 24.8



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: 9.128 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

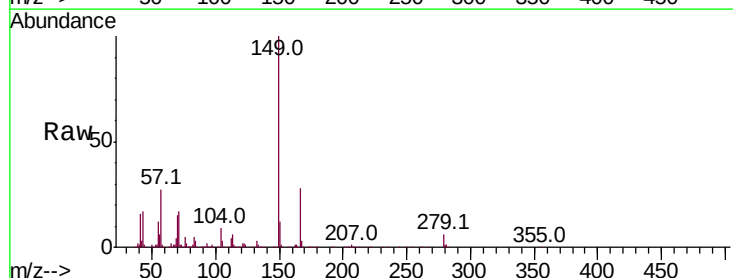
Tgt Ion:149 Resp: 392873

Ion Ratio Lower Upper

149 100

167 28.3 24.6 37.0

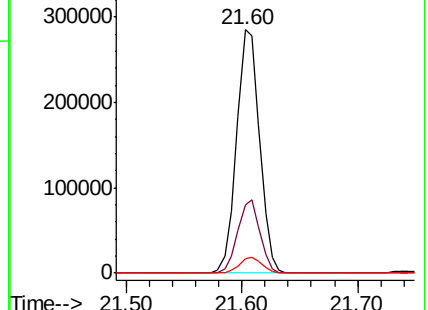
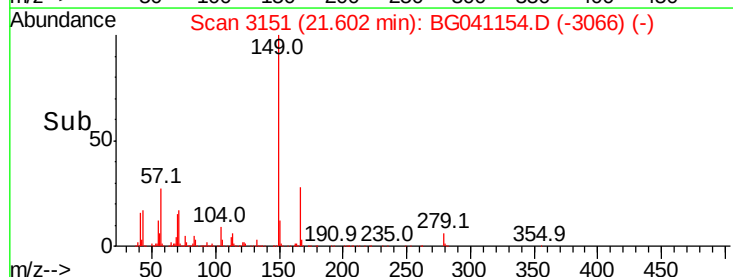
279 5.9 5.0 7.6

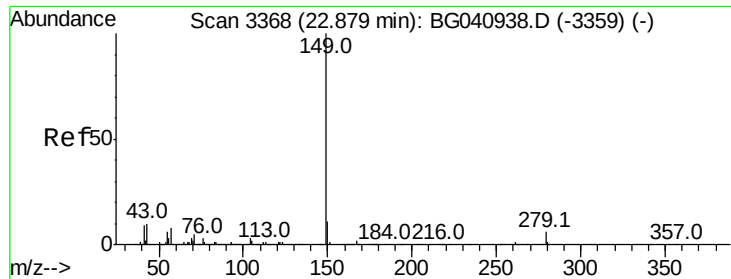


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 9.282 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

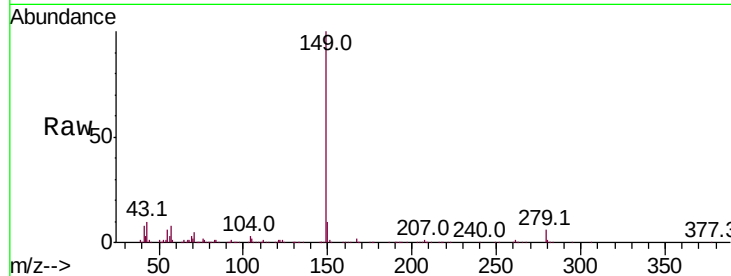
Tot Ion:149 Resp: 665391

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

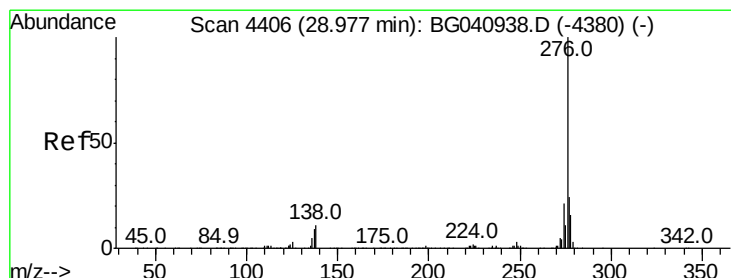
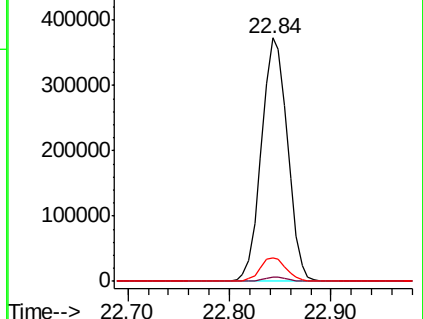
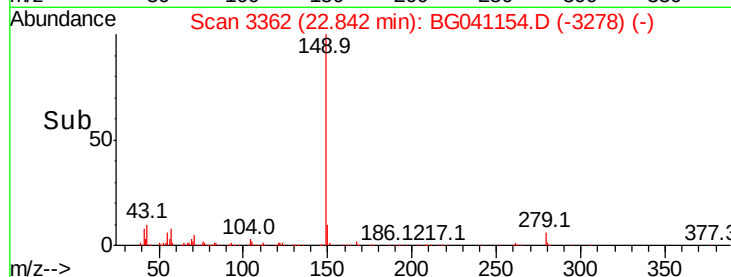
43 9.7 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.627 ng

RT: 28.91 min Scan# 4394

Delta R.T. -0.07 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

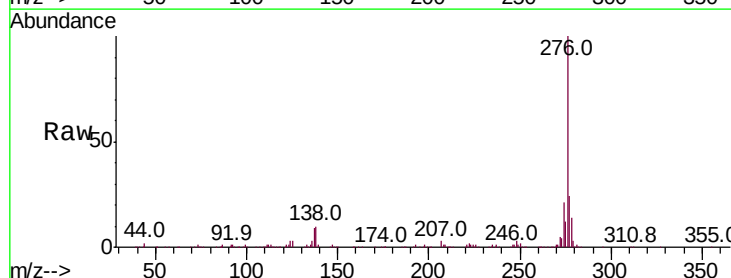
Tgt Ion:276 Resp: 813670

Ion Ratio Lower Upper

276 100

138 8.6 5.7 8.5#

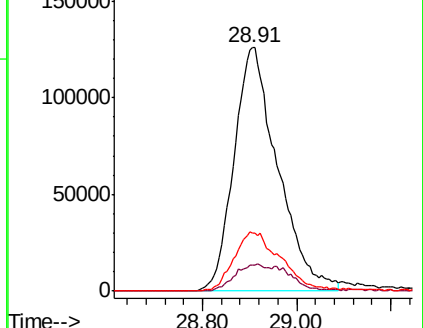
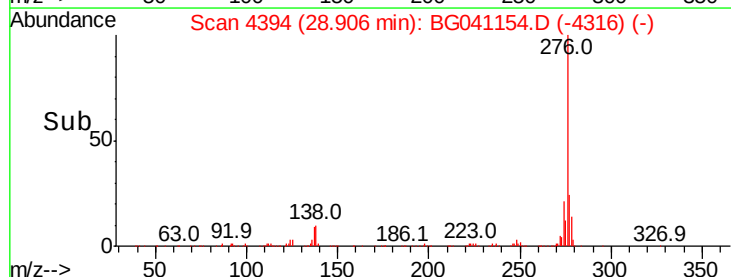
277 25.7 20.8 31.2

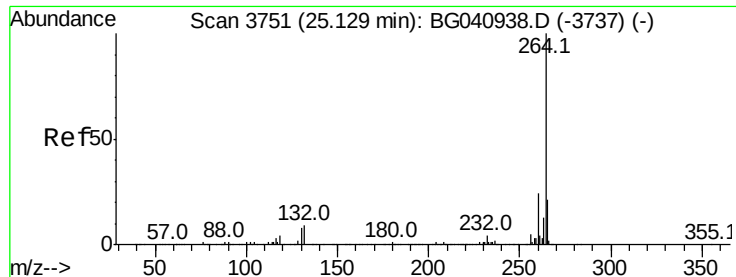


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

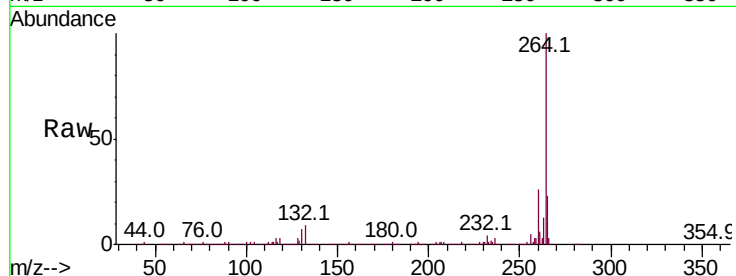
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 1359037

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.0	28.4
265	22.7	17.0	25.4

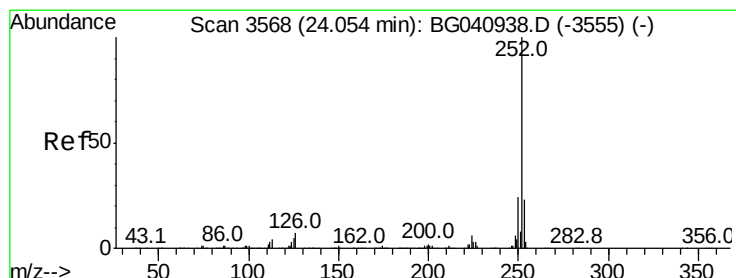
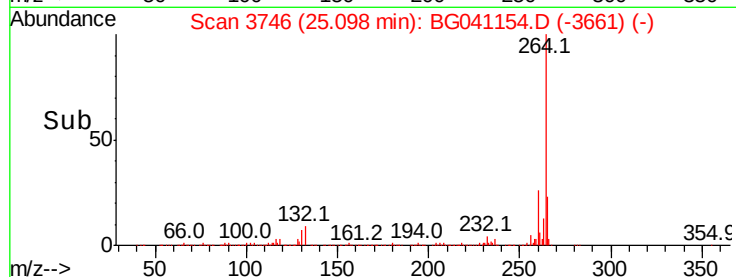
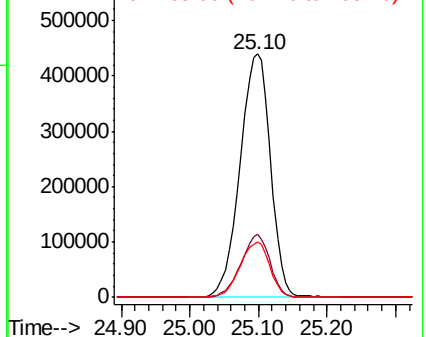


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.858 ng

RT: 24.02 min Scan# 3562

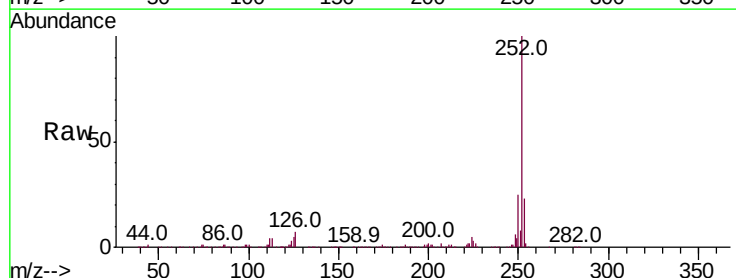
Delta R.T. -0.04 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Tgt Ion:252 Resp: 730196

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	5.1	4.3	6.5

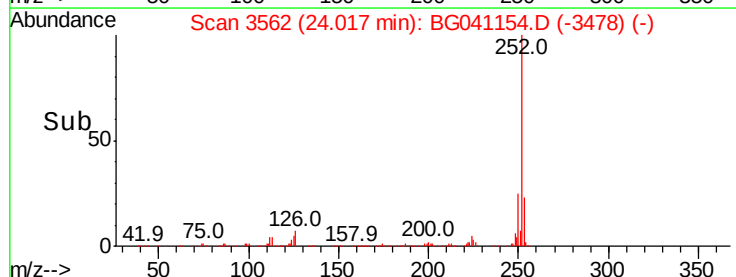
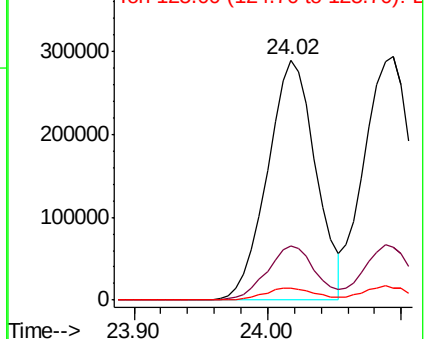


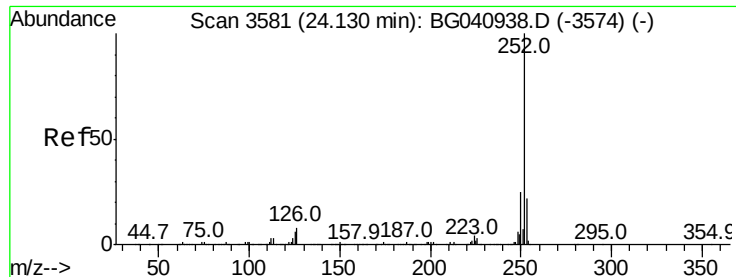
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

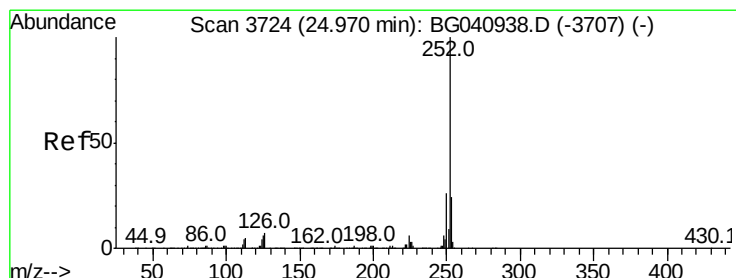
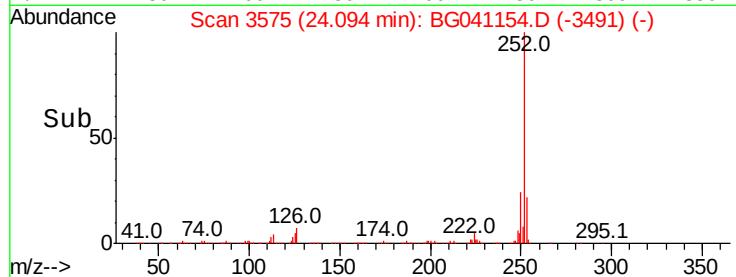
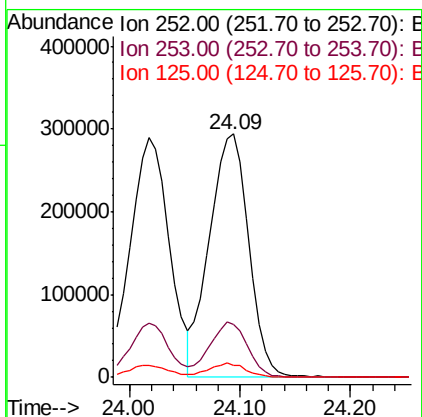
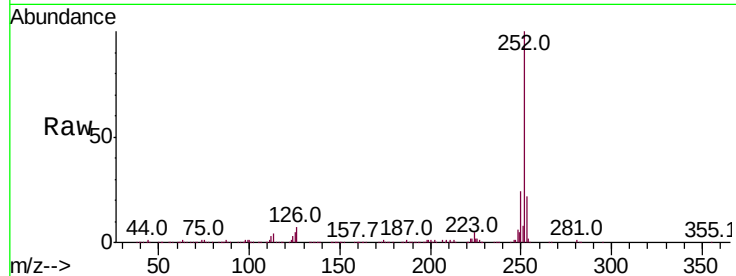




#89
Benzo(k)fluoranthene
Concen: 8.869 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

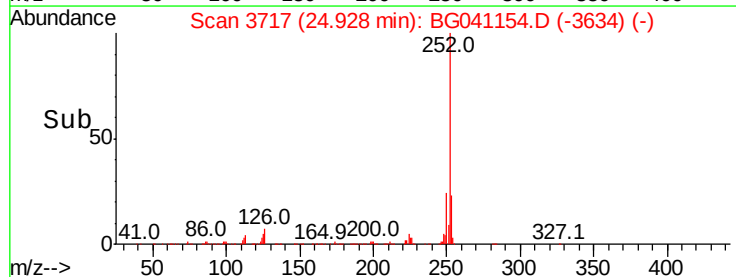
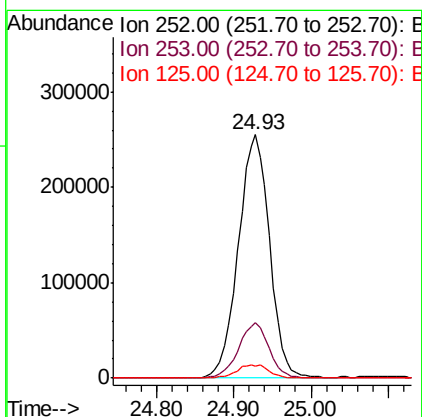
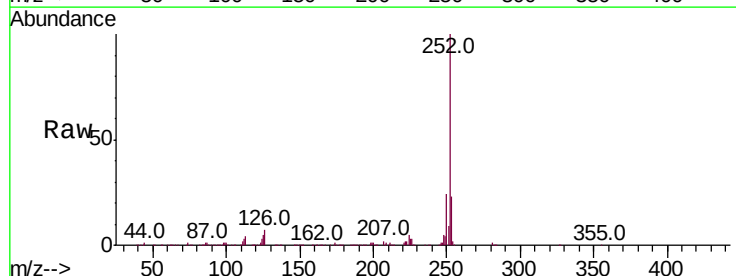
Instrument :
BNA_G
ClientSampleId :

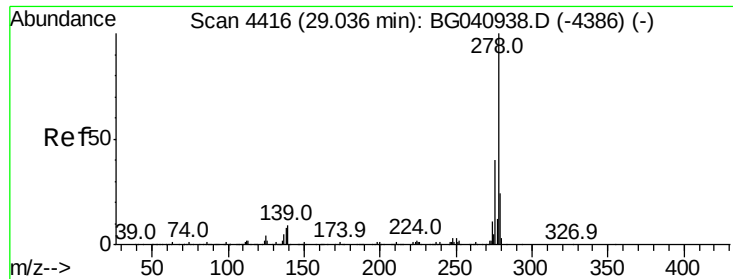
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	5.1	4.7	7.1



#90
Benzo(a)pyrene
Concen: 9.183 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.04 min
Lab File: BG041154.D
Acq: 9 Jun 2019 5:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.5	29.3
125	5.1	5.1	7.7





#91

Dibenzo(a,h)anthracene

Concen: 8.863 ng

RT: 28.96 min Scan# 4404

Delta R.T. -0.07 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

Instrument :

BNA_G

ClientSampleId :

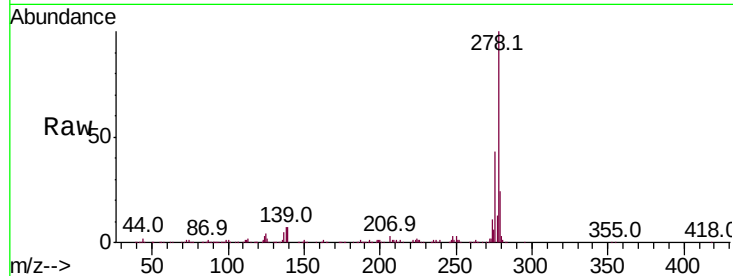
Tot Ion:278 Resp: 696439

Ion Ratio Lower Upper

278 100

139 7.4 7.1 10.7

279 24.1 19.4 29.2

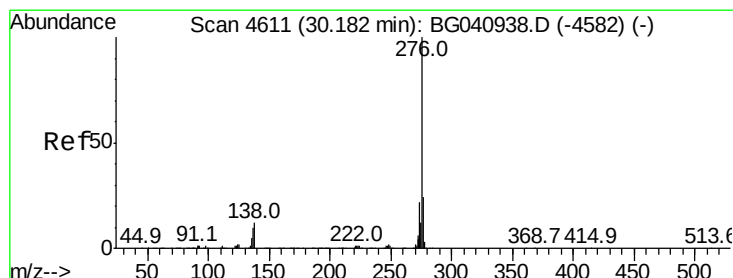
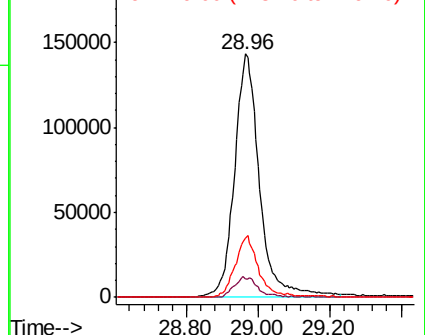
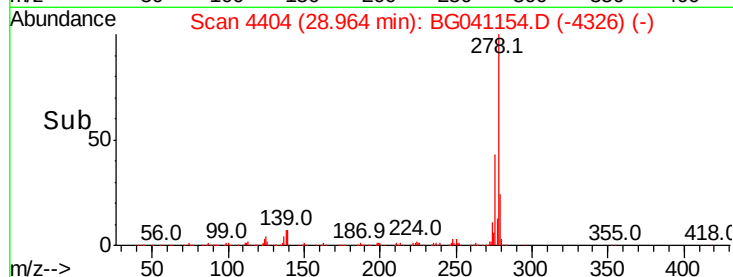


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 8.619 ng

RT: 30.10 min Scan# 4598

Delta R.T. -0.08 min

Lab File: BG041154.D

Acq: 9 Jun 2019 5:25

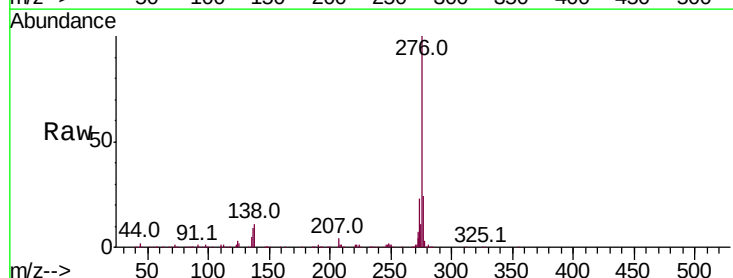
Tgt Ion:276 Resp: 658026

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 11.3 9.7 14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

