

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039002.D
 Acq On : 8 Jan 2019 20:31
 Operator : JU/SJ
 Sample : K1074-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 03:02:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24337	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	102262	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	75700	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	187497	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	192001	20.00	ng	-0.02
87) Perylene-d12	25.01	264	208849	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	130807	95.33	ng	0.00
7) Phenol-d6	7.21	99	191740	101.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	106019	52.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	114006	109.28	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	318950	57.80	ng	-0.02
79) Terphenyl-d14	20.04	244	591509	67.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	12182	19.076	ng	98
3) Pyridine	3.88	79	26416	15.024	ng	94
4) n-Nitrosodimethylamine	3.81	42	20063	23.288	ng	99
6) Aniline	7.37	93	46900	19.504	ng	100
8) 2-Chlorophenol	7.61	128	48116	30.302	ng	91
9) Benzaldehyde	7.19	77	17040	13.945	ng	92
10) Phenol	7.23	94	72239	36.097	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	41019	25.745	ng	91
12) 1,3-Dichlorobenzene	7.93	146	48355	25.755	ng	97
13) 1,4-Dichlorobenzene	8.08	146	49757	25.877	ng	94
14) 1,2-Dichlorobenzene	8.40	146	48741	26.888	ng	95
15) Benzyl Alcohol	8.29	79	43979	29.912	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	78567	21.526	ng	96
17) 2-Methylphenol	8.48	107	43950	32.779	ng	95
18) Hexachloroethane	9.12	117	17103	24.341	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	35240	26.637	ng	91
20) 3+4-Methylphenols	8.82	107	60751	32.808	ng	97
22) Acetophenone	8.88	105	72052	28.208	ng	# 91
24) Nitrobenzene	9.27	77	51568	25.466	ng	95
25) Isophorone	9.78	82	104252	28.987	ng	96
26) 2-Nitrophenol	9.98	139	28173	27.183	ng	91
27) 2,4-Dimethylphenol	10.02	122	51748	34.838	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	60009	29.567	ng	97
29) 2,4-Dichlorophenol	10.51	162	58926	35.660	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	58610	29.363	ng	97
31) Naphthalene	10.91	128	153777	30.520	ng	100
32) Benzoic acid	10.15	122	6325	15.448	ng	# 84
33) 4-Chloroaniline	11.03	127	42123	19.256	ng	94
34) Hexachlorobutadiene	11.17	225	38798	28.726	ng	# 91
35) Caprolactam	11.81	113	17619	25.764	ng	# 87
36) 4-Chloro-3-methylphenol	12.14	107	61184	32.446	ng	92
37) 2-Methylnaphthalene	12.51	142	120921	33.640	ng	98
38) 1-Methylnaphthalene	12.73	142	117057	33.559	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	78076	27.592	ng	99

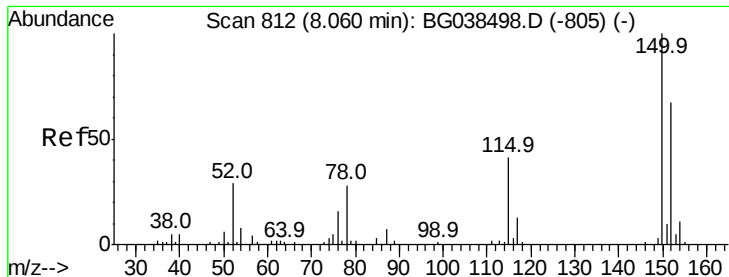
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
 Data File : BG039002.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	85756	55.163	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	54307	31.214	nq	93
44) 2,4,5-Trichlorophenol	13.20	196	56004	30.402	nq	93
46) 1,1'-Biphenyl	13.51	154	165409	26.065	nq	99
47) 2-Chloronaphthalene	13.57	162	133254	27.183	nq	98
48) 2-Nitroaniline	13.78	65	40190	25.739	nq	84
49) Acenaphthylene	14.41	152	219941	30.012	nq	99
50) Dimethylphthalate	14.14	163	231671	37.476	nq	99
51) 2,6-Dinitrotoluene	14.27	165	40097	28.622	nq	89
52) Acenaphthene	14.75	154	127480	29.091	nq	98
53) 3-Nitroaniline	14.61	138	27687	19.388	nq	93
54) 2,4-Dinitrophenol	14.81	184	27368	35.888	nq	97
55) Dibenzofuran	15.08	168	216602	28.836	nq	96
56) 4-Nitrophenol	14.91	139	58908	54.374	nq	97
57) 2,4-Dinitrotoluene	15.05	165	57926	29.357	nq	91
58) Fluorene	15.73	166	174783	31.407	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	54524	32.899	nq	95
60) Diethylphthalate	15.49	149	183330	27.014	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	98622	28.402	nq	97
62) 4-Nitroaniline	15.77	138	40652	27.650	nq	97
63) Azobenzene	16.01	77	139054	24.528	nq	92
65) 4,6-Dinitro-2-methylphenol	15.82	198	33707	25.201	nq	85
66) n-Nitrosodiphenylamine	15.93	169	160575	29.147	nq	95
67) 4-Bromophenyl-phenylether	16.61	248	64996	28.384	nq	97
68) Hexachlorobenzene	16.73	284	69758	29.388	nq	96
69) Atrazine	16.88	200	66838	32.692	nq	97
70) Pentachlorophenol	17.08	266	74987	53.409	nq	97
71) Phenanthrene	17.48	178	295203	30.362	nq	99
72) Anthracene	17.57	178	299322	31.184	nq	99
73) Carbazole	17.84	167	269474	28.387	nq	99
74) Di-n-butylphthalate	18.37	149	304325	27.939	nq	# 97
75) Fluoranthene	19.48	202	366329	30.451	nq	98
77) Benzidine	19.67	184	142992	25.182	nq	98
78) Pyrene	19.85	202	367536	28.976	nq	99
80) Butylbenzylphthalate	20.71	149	135061	27.255	nq	97
81) Benzo(a)anthracene	21.69	228	354020	30.259	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	89210	19.226	nq	98
83) Chrysene	21.76	228	324939	28.835	nq	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	192669	27.413	nq	98
85) Di-n-octyl phthalate	22.78	149	332060	28.211	nq	95
86) Indeno(1,2,3-cd)pyrene	28.77	276	392748	29.645	nq	# 81
88) Benzo(b)fluoranthene	23.95	252	345652	30.144	nq	97
89) Benzo(k)fluoranthene	24.02	252	337632	29.569	nq	96
90) Benzo(a)pyrene	24.85	252	336865	30.452	nq	99
91) Dibenzo(a,h)anthracene	28.84	278	327508	29.734	nq	98
92) Benzo(g,h,i)perylene	29.98	276	322347	29.696	nq	96

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

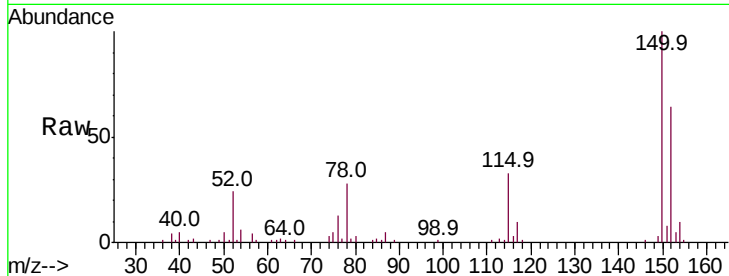


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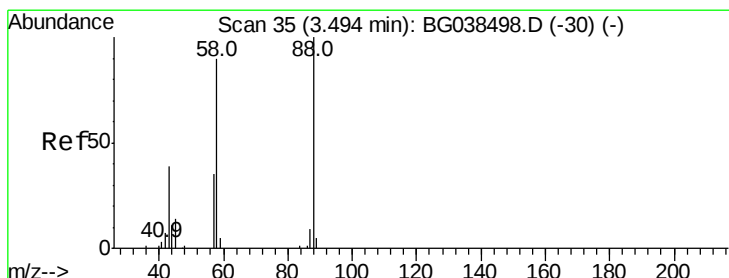
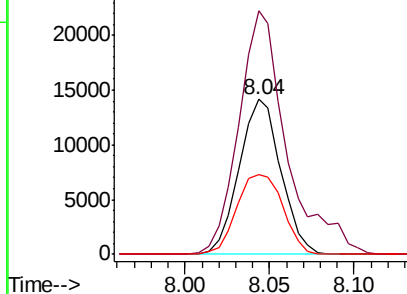
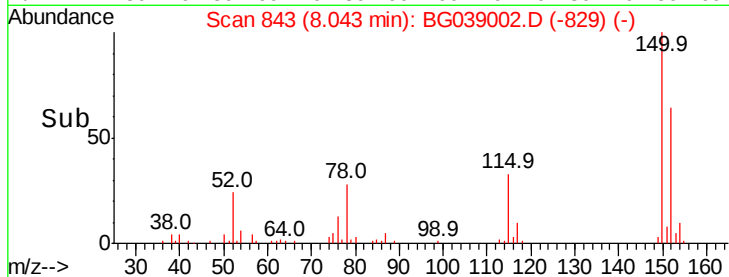
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24337
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 51.7 49.6 74.4



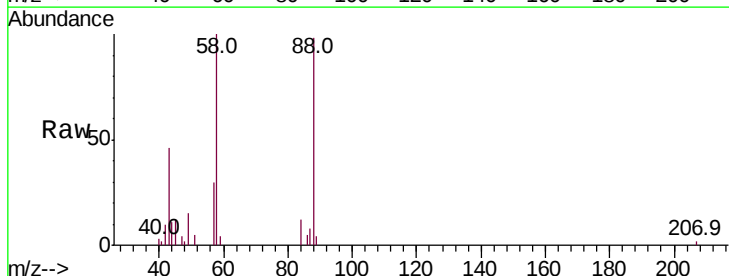
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



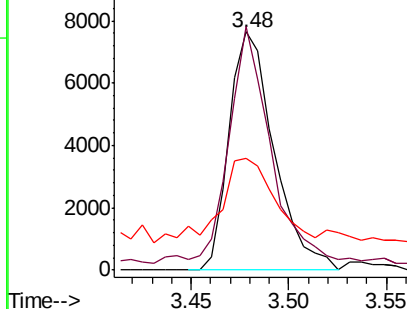
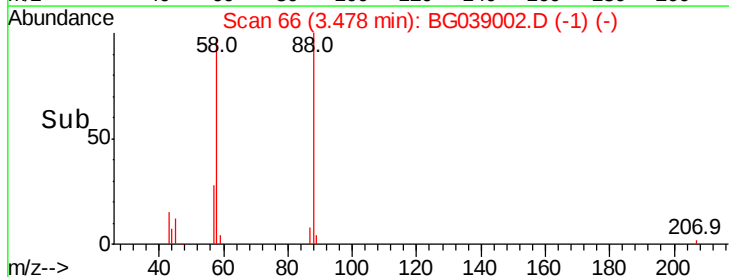
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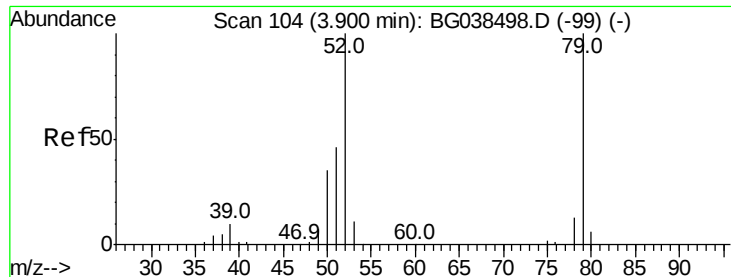
1,4-Dioxane
Concen: 19.076 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion: 88 Resp: 12182
Ion Ratio Lower Upper
88 100
58 92.6 75.7 113.5
43 37.5 31.6 47.4



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





#3

Pvridine

Concen: 15.024 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

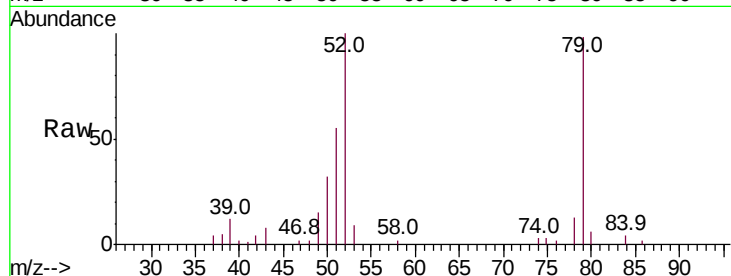
Tot Ion: 79 Resp: 26416

Ion Ratio Lower Upper

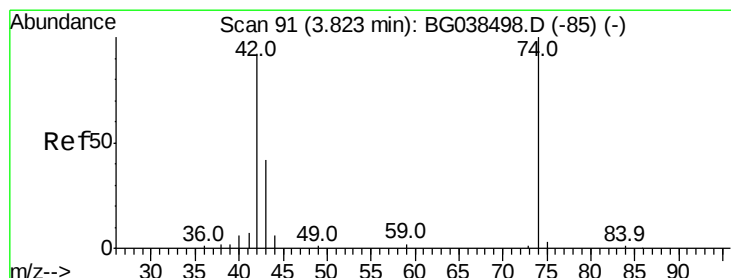
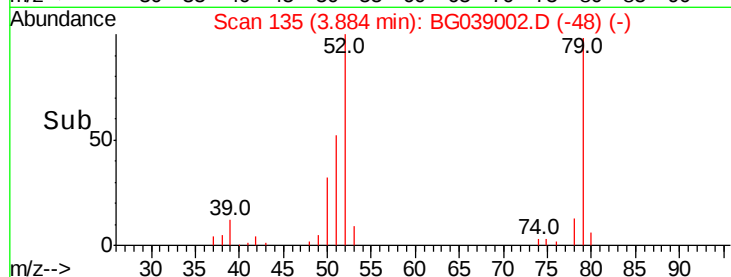
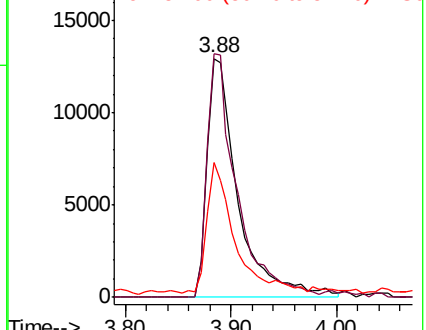
79 100

52 102.0 80.2 120.2

51 56.5 38.0 57.0



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: 23.288 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

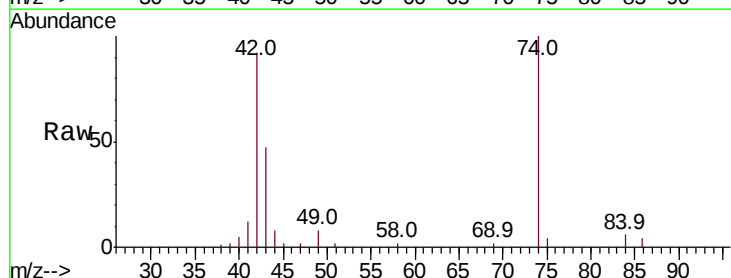
Tgt Ion: 42 Resp: 20063

Ion Ratio Lower Upper

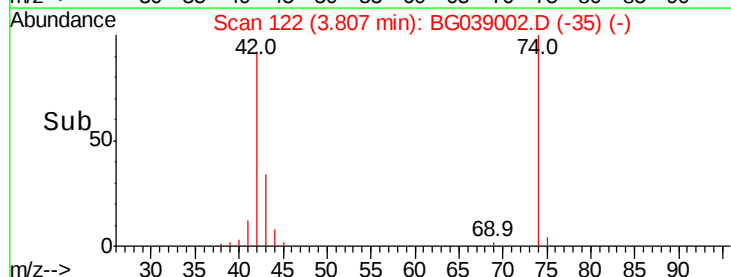
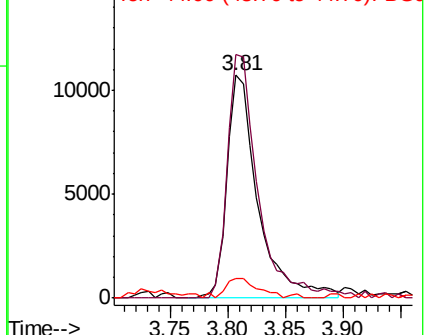
42 100

74 109.2 86.7 130.1

44 8.6 7.8 11.8



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: 95.331 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampled :

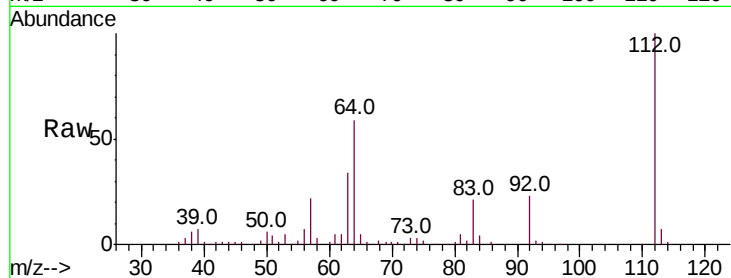
Tot Ion:112 Resp: 130807

Ion Ratio Lower Upper

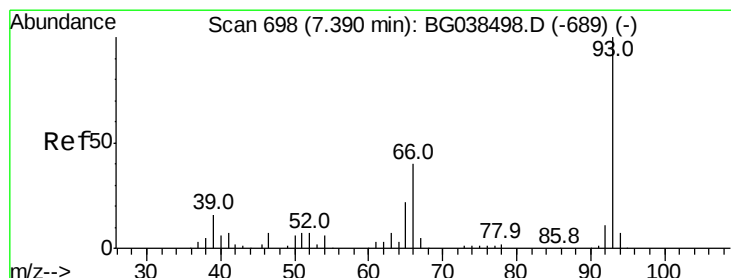
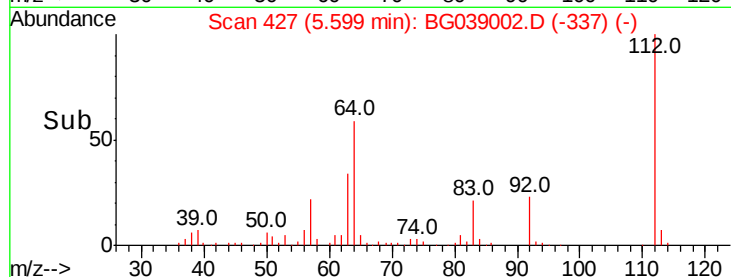
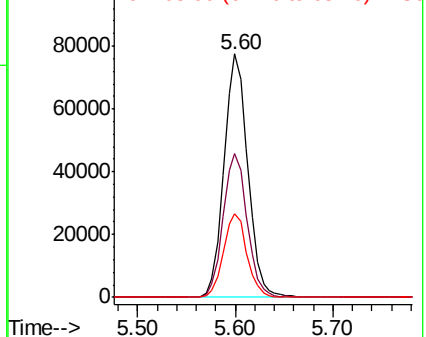
112 100

64 59.2 53.4 80.2

63 34.3 29.3 43.9



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: 19.504 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

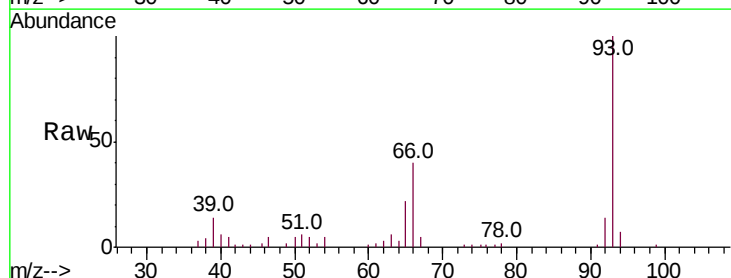
Tgt Ion: 93 Resp: 46900

Ion Ratio Lower Upper

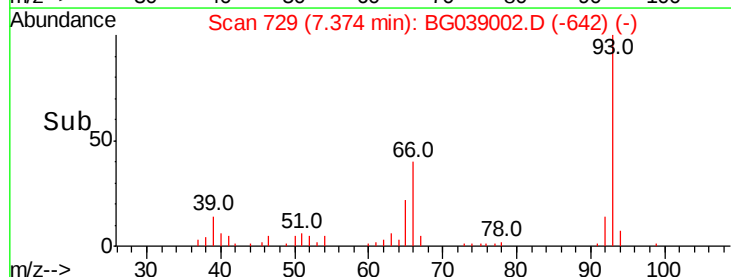
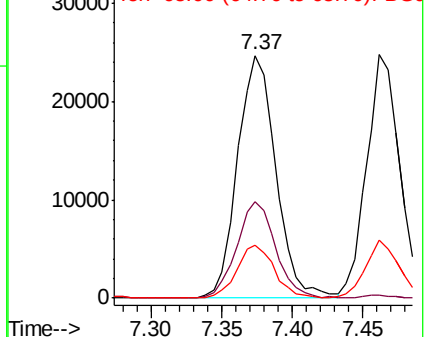
93 100

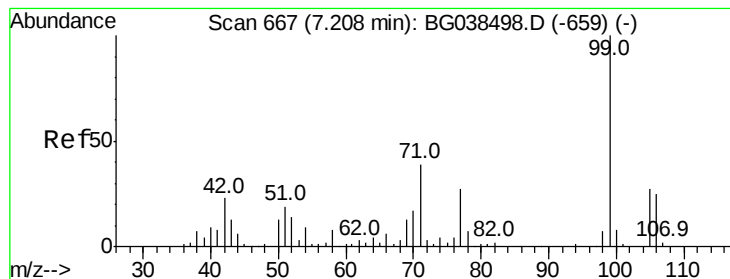
66 39.6 31.7 47.5

65 21.6 17.8 26.6



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: 101.790 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

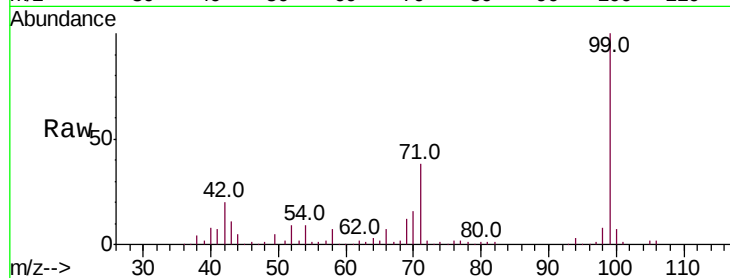
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 191740

Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.5	27.7
71	37.7	31.1	46.7

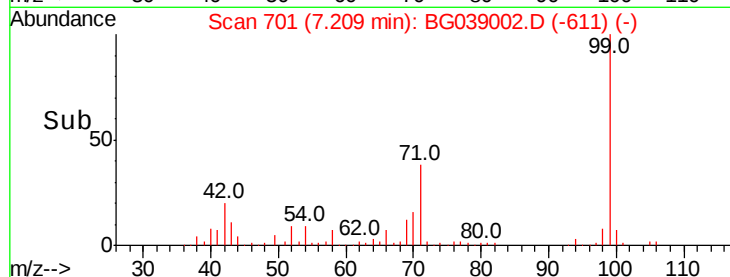


Abundance

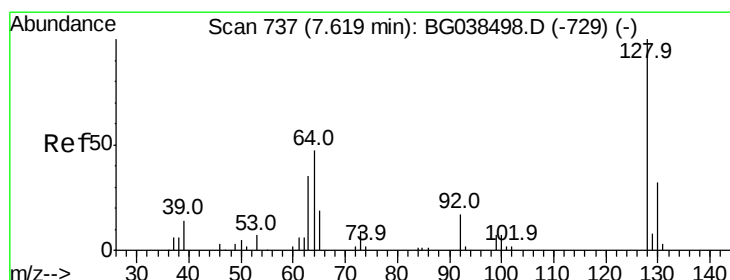
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 30.302 ng

RT: 7.61 min Scan# 769

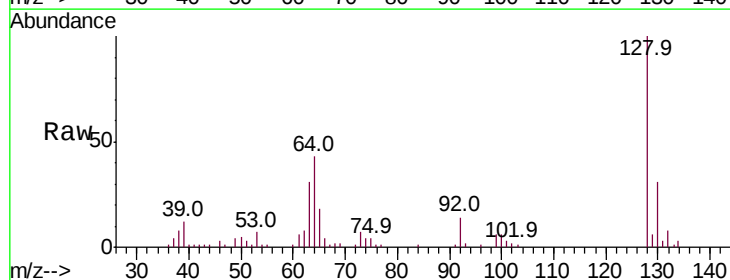
Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:128 Resp: 48116

Ion	Ratio	Lower	Upper
128	100		
130	30.9	11.8	51.8
64	43.4	33.2	73.2

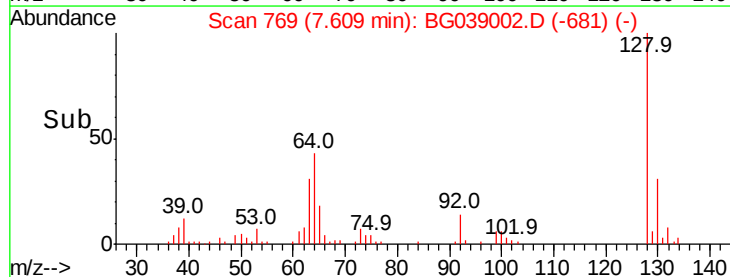


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 13.945 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampled :

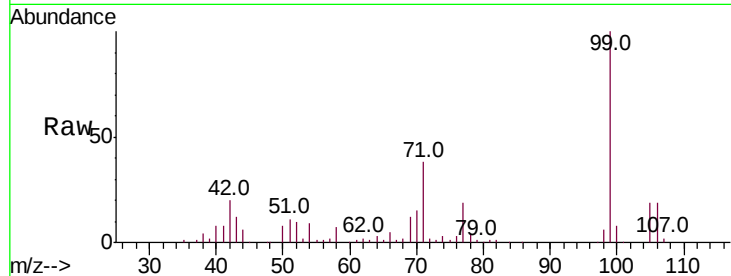
Tot Ion: 77 Resp: 17040

Ion Ratio Lower Upper

77 100

105 103.4 74.0 114.0

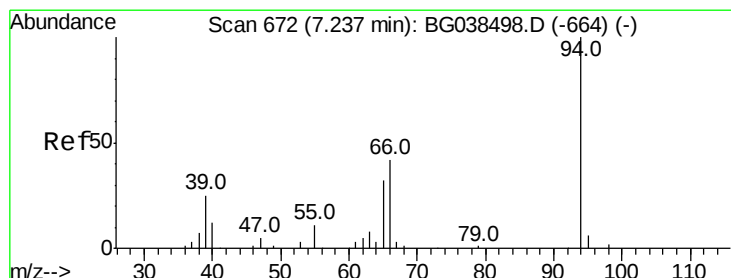
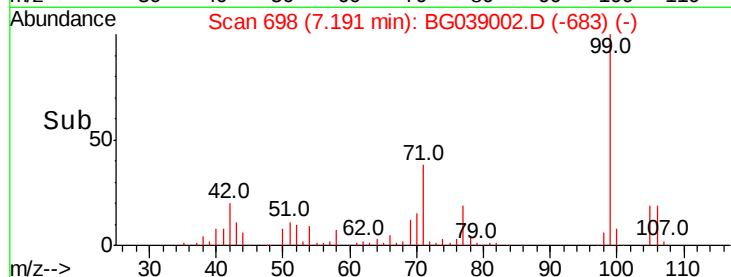
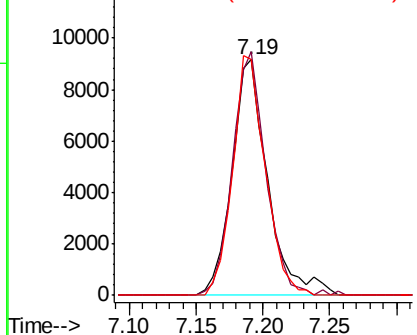
106 100.1 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.097 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

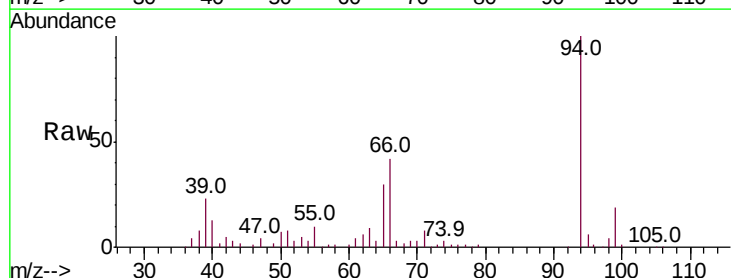
Tgt Ion: 94 Resp: 72239

Ion Ratio Lower Upper

94 100

65 30.1 12.6 52.6

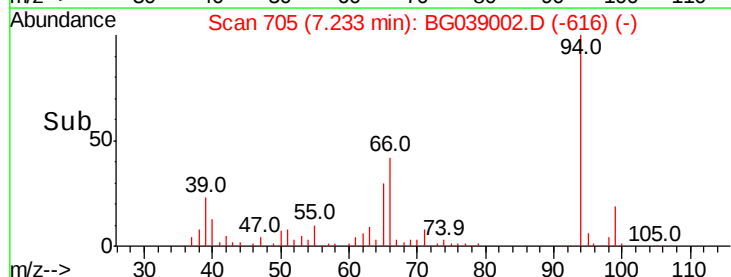
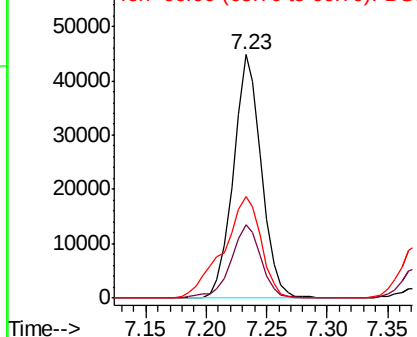
66 41.5 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 25.745 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

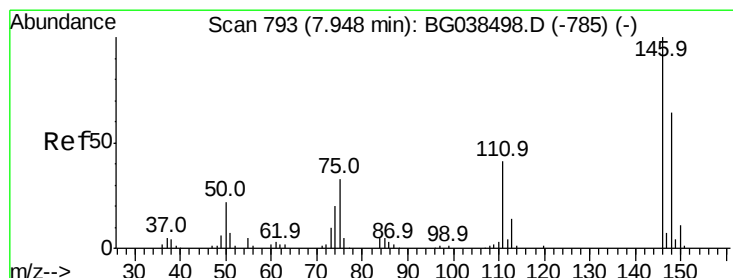
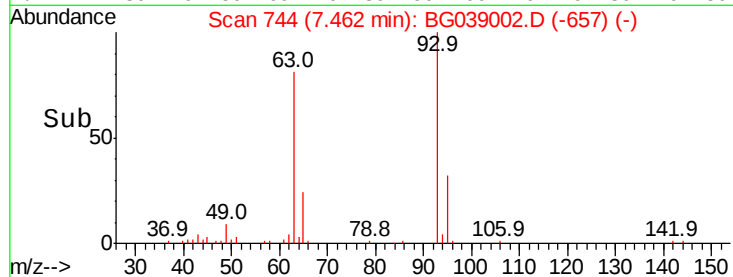
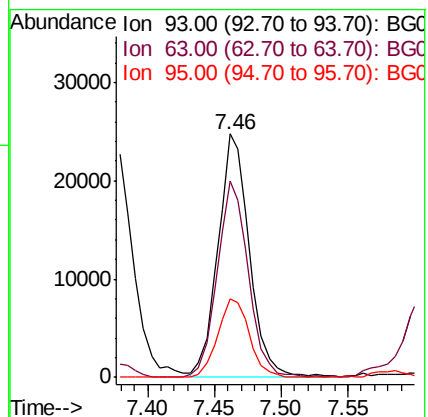
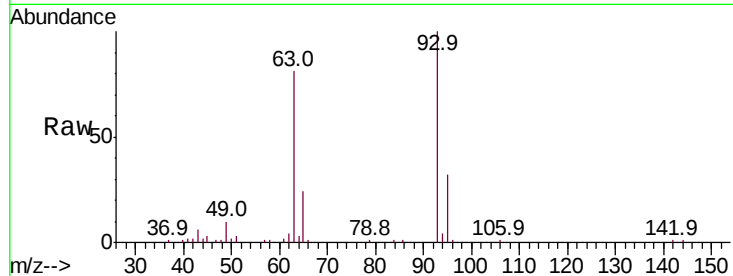
Tot Ion: 93 Resp: 41019

Ion Ratio Lower Upper

93 100

63 80.9 72.2 112.2

95 32.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 25.755 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

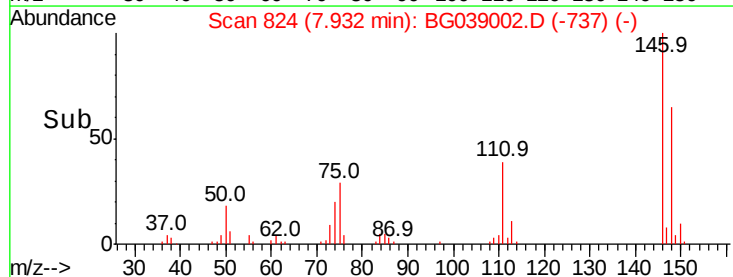
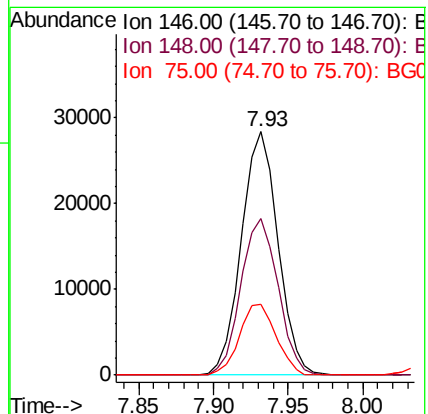
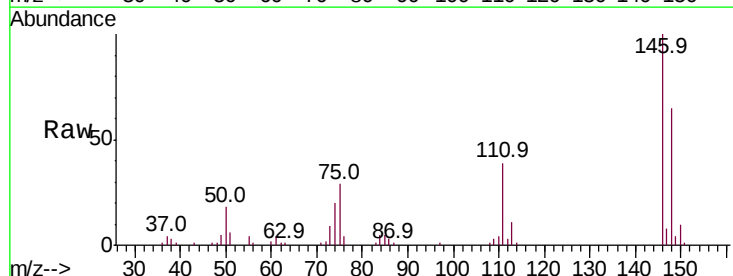
Tgt Ion:146 Resp: 48355

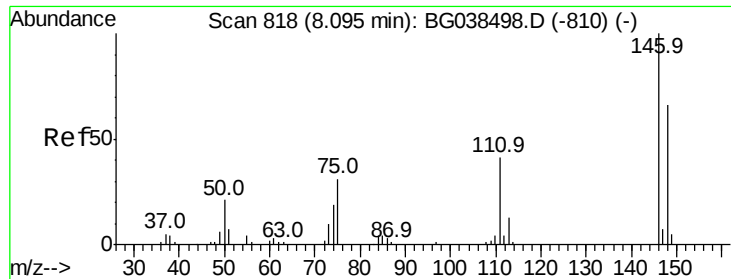
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

75 28.8 26.1 39.1

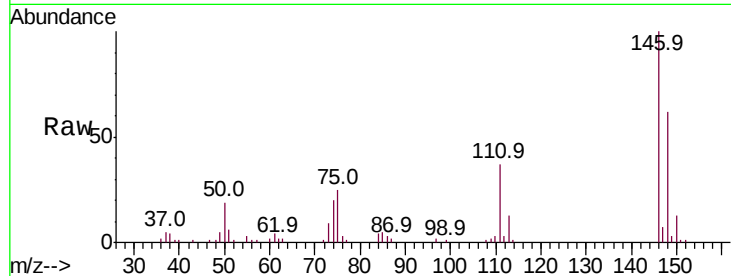




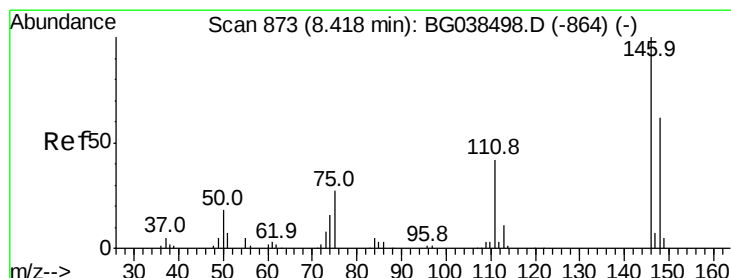
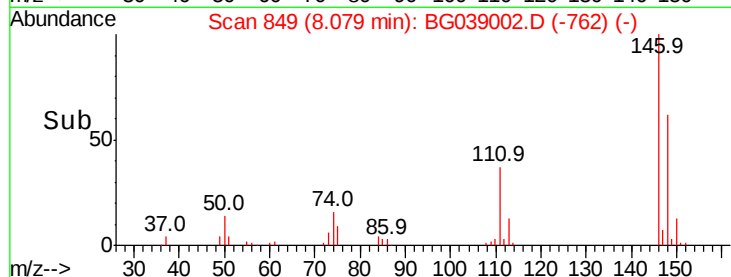
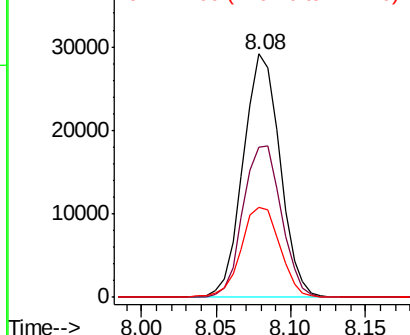
#13
 1,4-Dichlorobenzene
 Concen: 25.877 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 49757
 Ion Ratio Lower Upper
 146 100
 148 61.7 52.4 78.6
 111 36.8 33.0 49.4

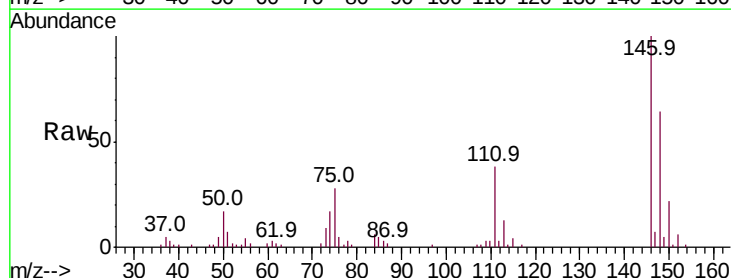


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

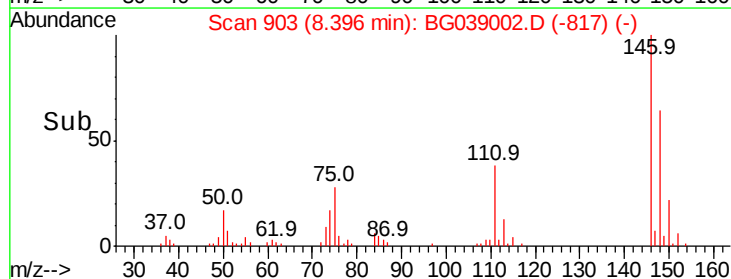
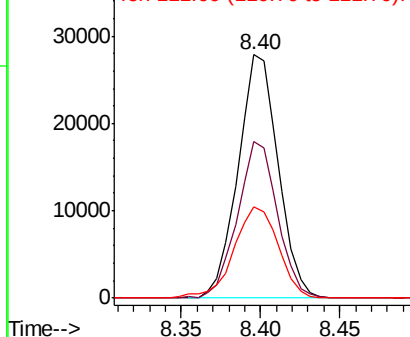


#14
 1,2-Dichlorobenzene
 Concen: 26.888 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:146 Resp: 48741
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.4 74.0
 111 37.7 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 29.912 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

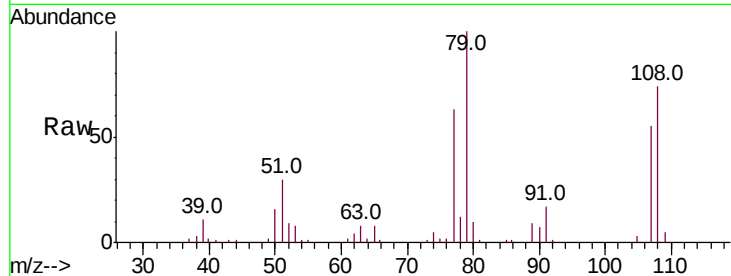
Tot Ion: 79 Resp: 43979

Ion Ratio Lower Upper

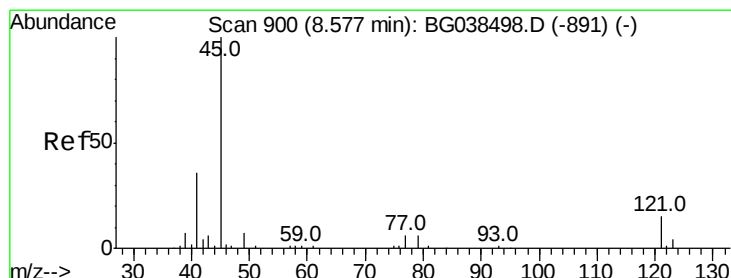
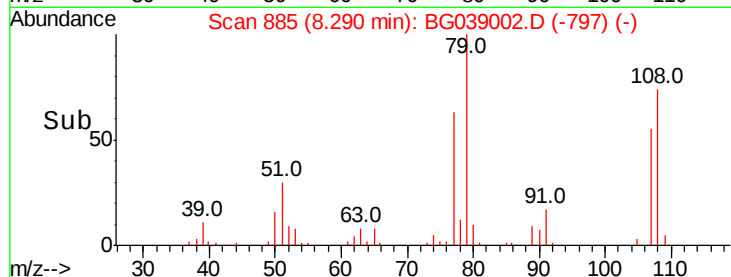
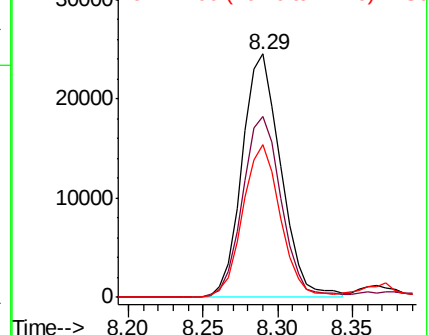
79 100

108 74.4 60.2 90.4

77 62.5 50.7 76.1



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: 21.526 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

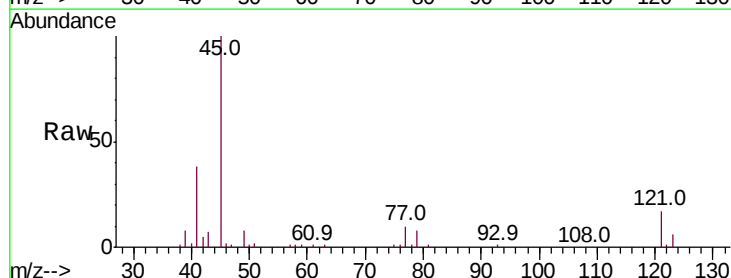
Tgt Ion: 45 Resp: 78567

Ion Ratio Lower Upper

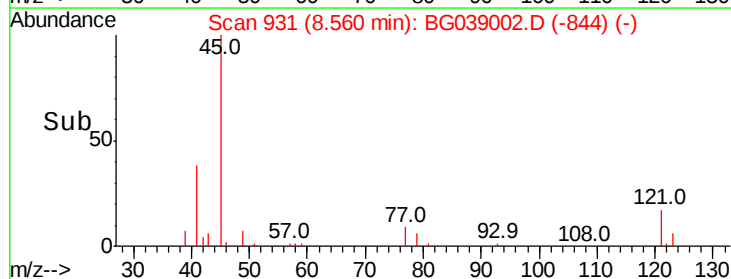
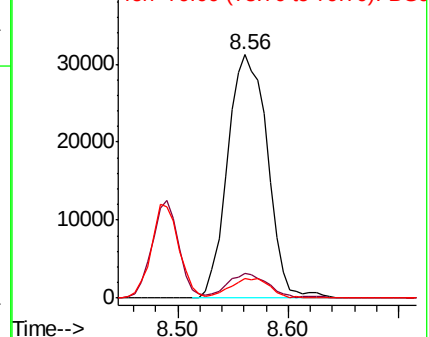
45 100

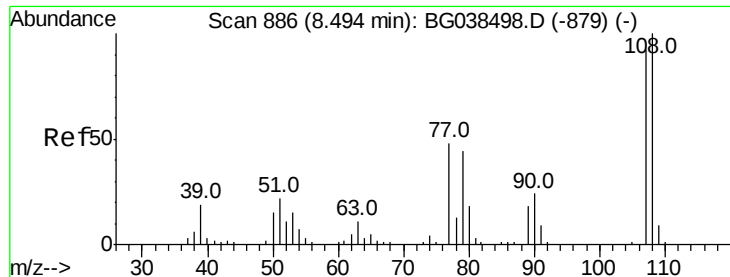
77 10.4 0.0 28.2

79 7.9 0.0 27.2



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: 32.779 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 43950

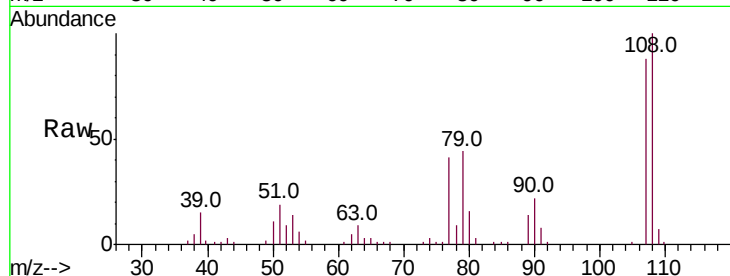
Ion Ratio Lower Upper

107 100

108 113.2 87.1 130.7

77 46.8 42.0 63.0

79 49.4 38.2 57.2

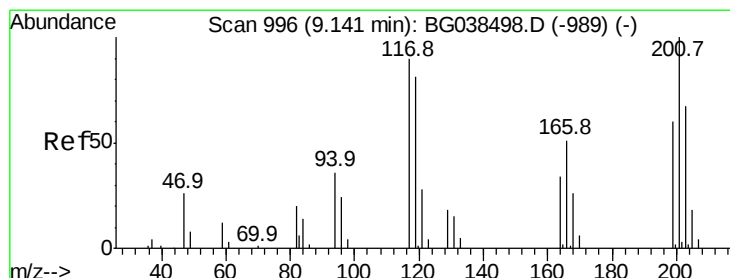
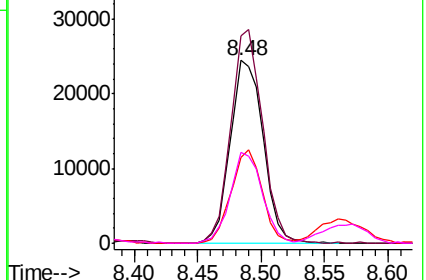
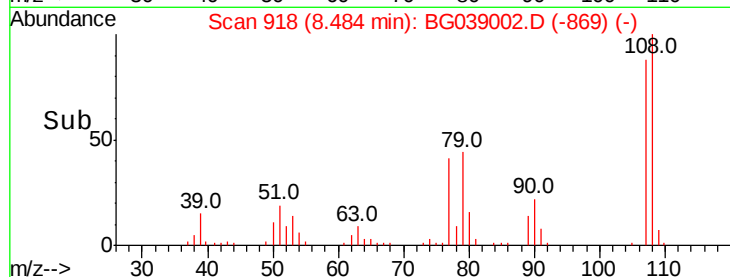


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.341 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

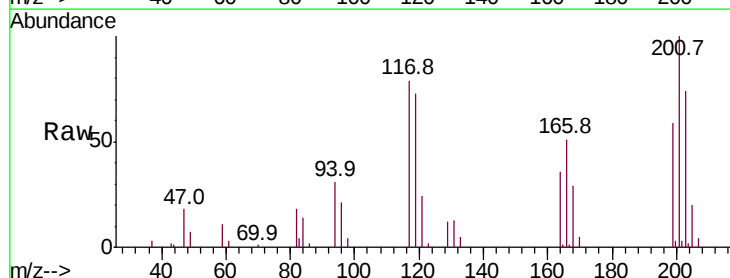
Tgt Ion:117 Resp: 17103

Ion Ratio Lower Upper

117 100

119 92.6 73.8 110.8

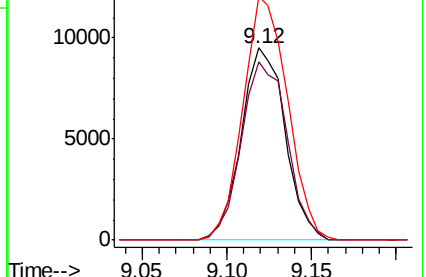
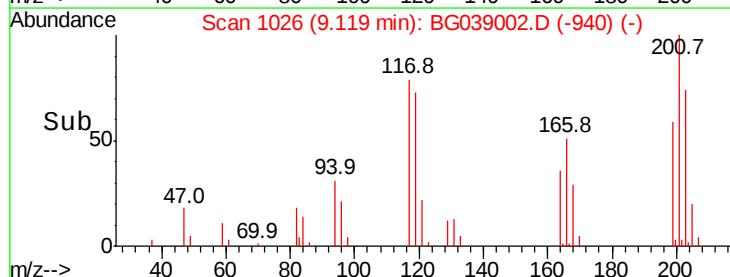
201 130.4 89.4 134.0

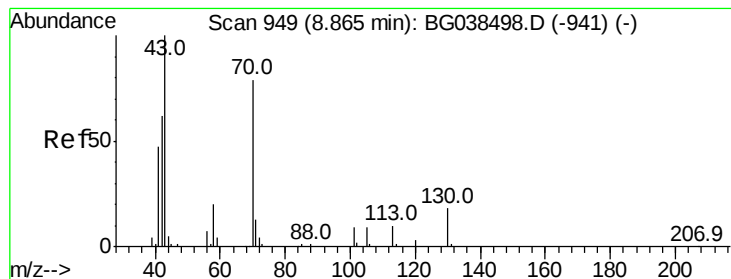


Abundance Ion 117.00 (116.70 to 117.70): E

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: 26.637 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 35240

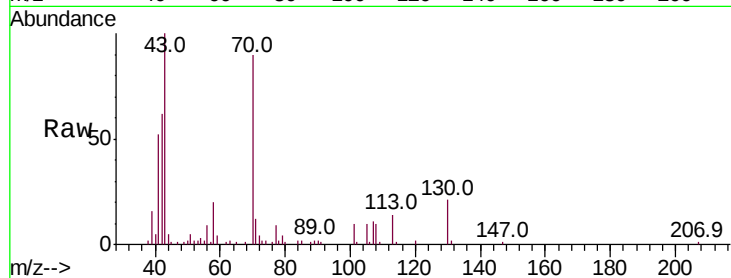
Ion Ratio Lower Upper

70 100

42 68.7 63.6 95.4

101 10.9 9.2 13.8

130 22.8 18.5 27.7

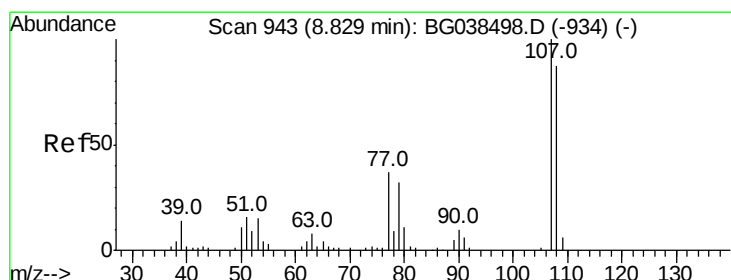
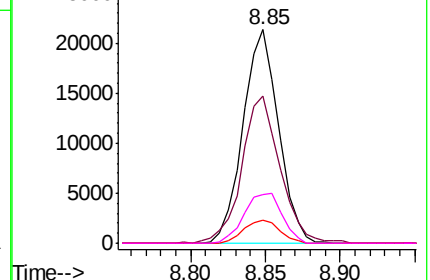
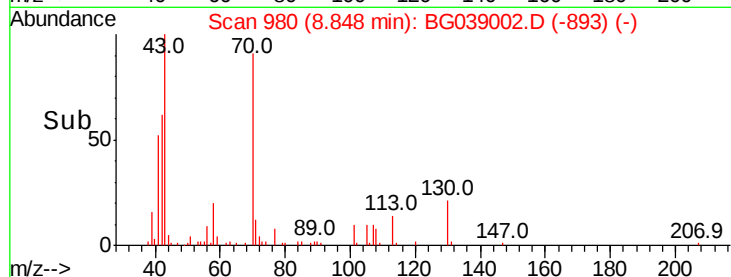


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 32.808 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion: 107 Resp: 60751

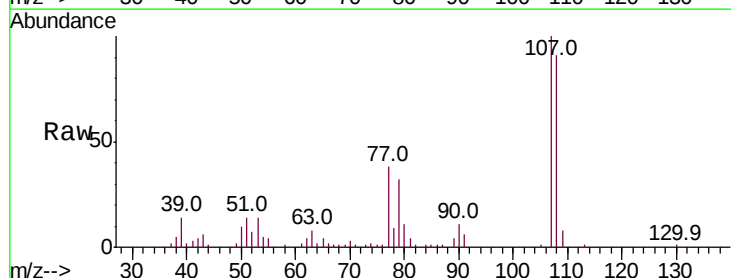
Ion Ratio Lower Upper

107 100

108 91.0 66.7 106.7

77 37.9 17.3 57.3

79 31.5 12.3 52.3

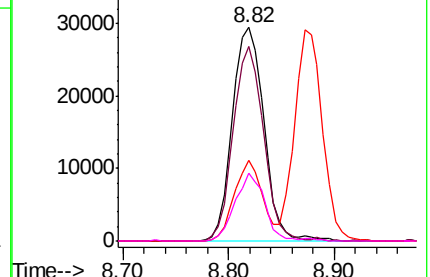
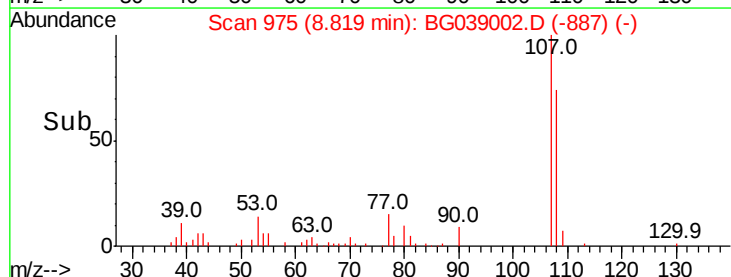


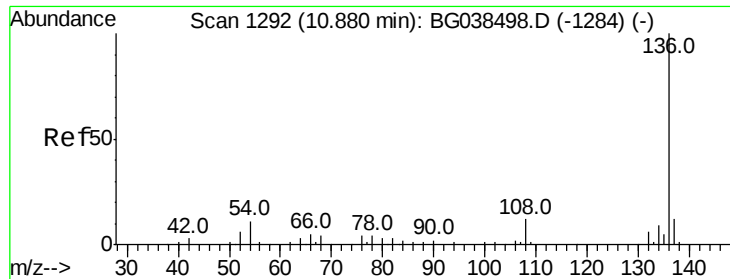
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

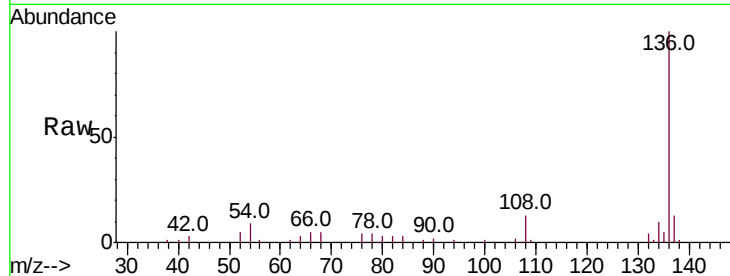




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	102262
Ion	Ratio	Lower Upper
136	100	
137	13.0	9.3 13.9
54	9.4	8.5 12.7
68	4.6	3.5 5.3



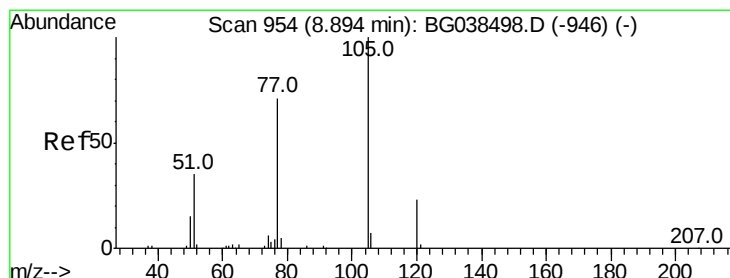
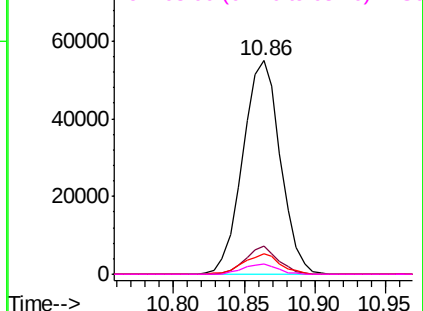
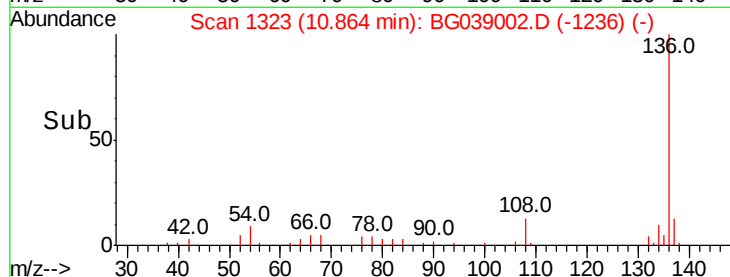
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

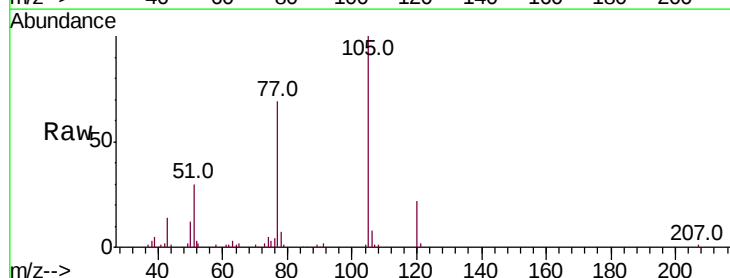
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 28.208 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion:105	Resp:	72052
Ion	Ratio	Lower Upper
105	100	
71	0.4	0.4 0.6#
51	30.4	30.6 46.0#
120	21.6	18.6 28.0



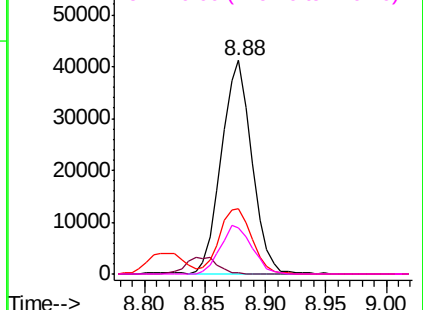
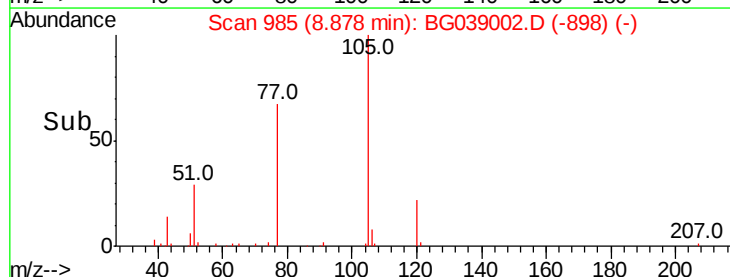
Abundance

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

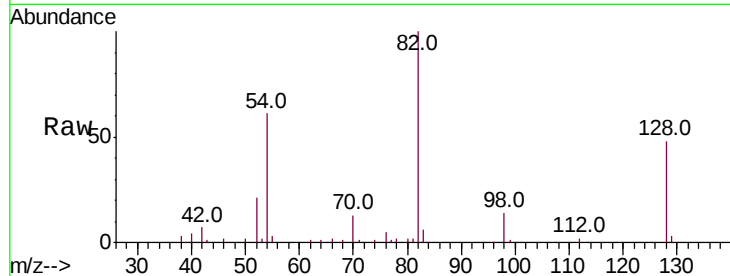




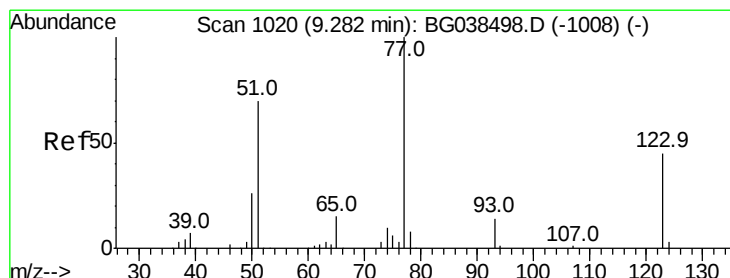
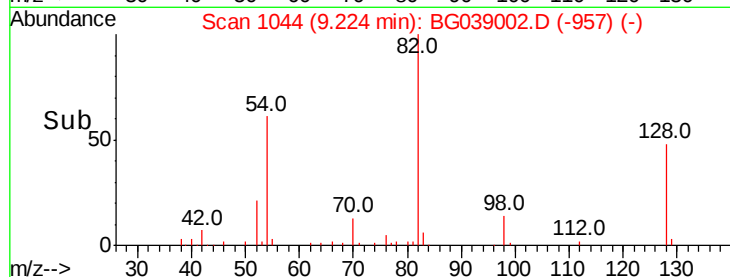
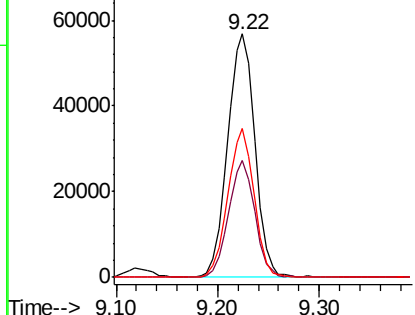
#23
Nitrobenzene-d5
Concen: 52.964 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 106019
Ion Ratio Lower Upper
82 100
128 48.0 34.6 52.0
54 61.0 50.6 76.0

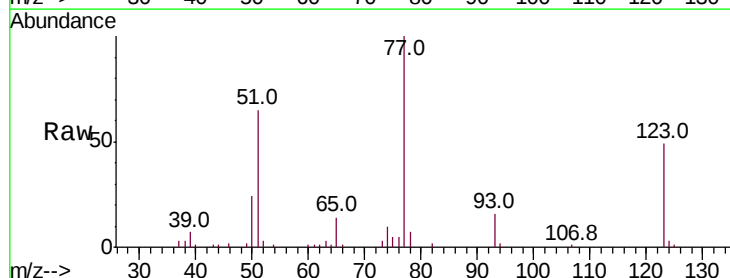


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

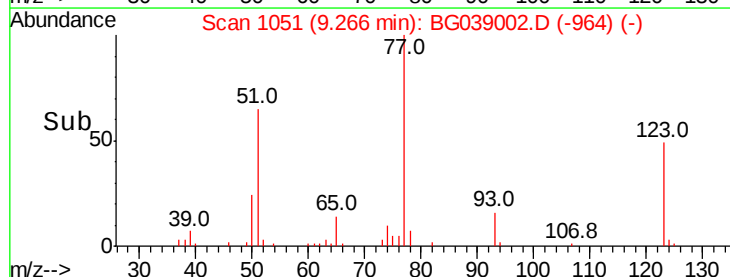
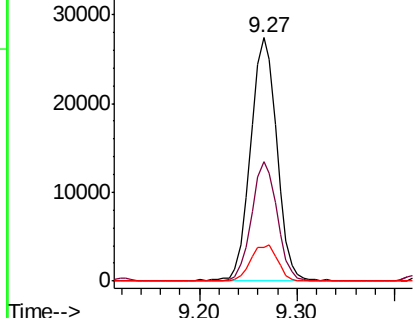


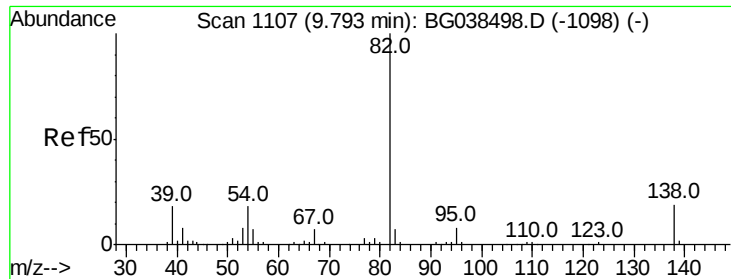
#24
Nitrobenzene
Concen: 25.466 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion: 77 Resp: 51568
Ion Ratio Lower Upper
77 100
123 49.0 35.9 53.9
65 13.9 12.0 18.0



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





#25

Isophorone

Concen: 28.987 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

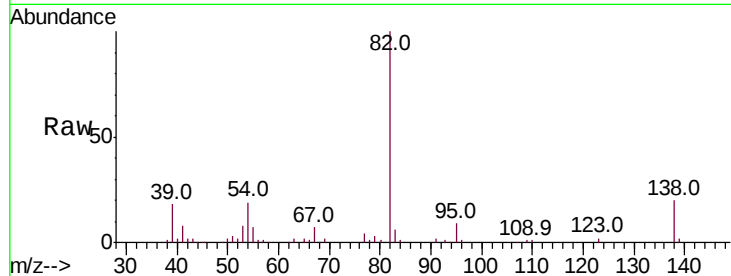
Tot Ion: 82 Resp: 104252

Ion Ratio Lower Upper

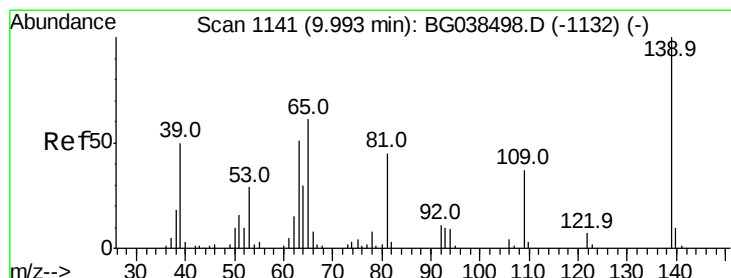
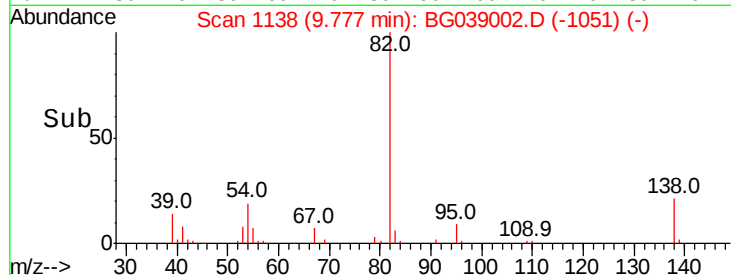
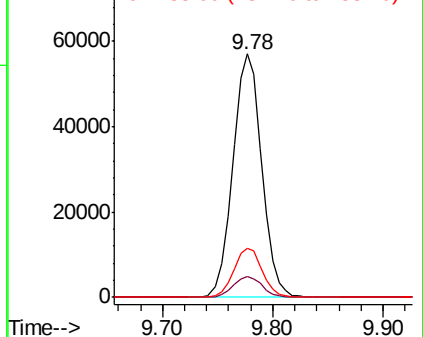
82 100

95 8.5 6.1 9.1

138 20.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 27.183 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

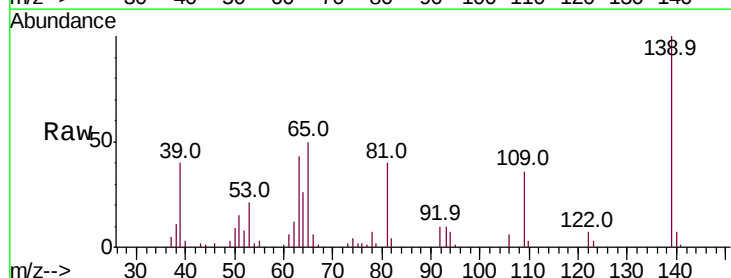
Tgt Ion:139 Resp: 28173

Ion Ratio Lower Upper

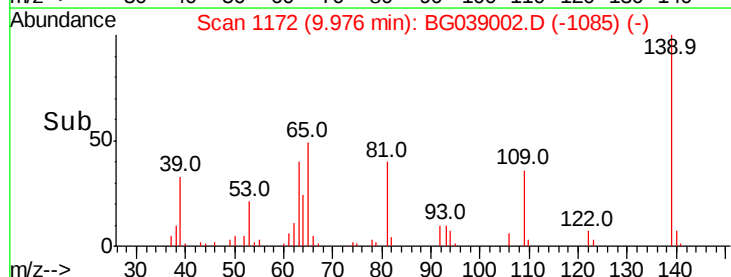
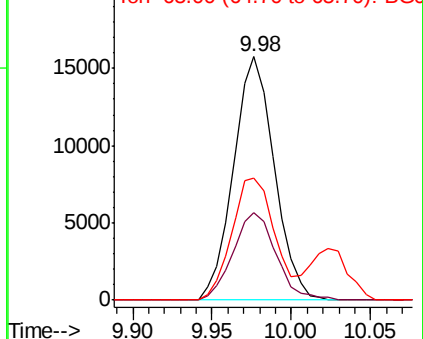
139 100

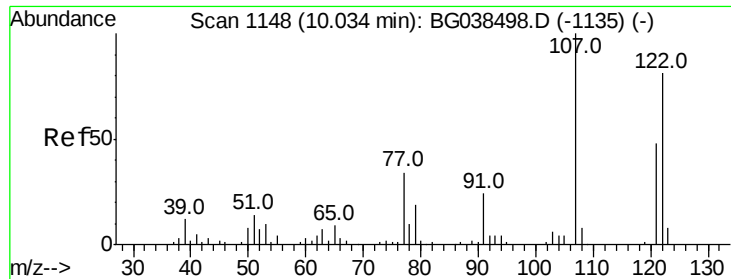
109 36.0 29.5 44.3

65 50.2 48.5 72.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

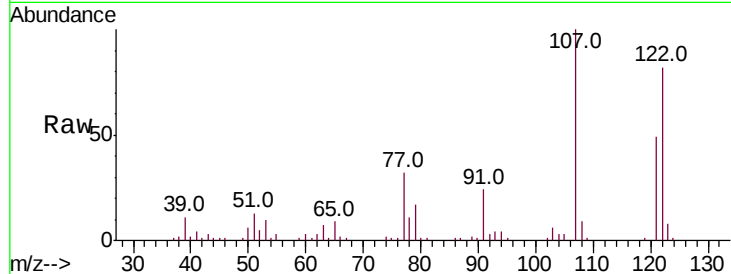




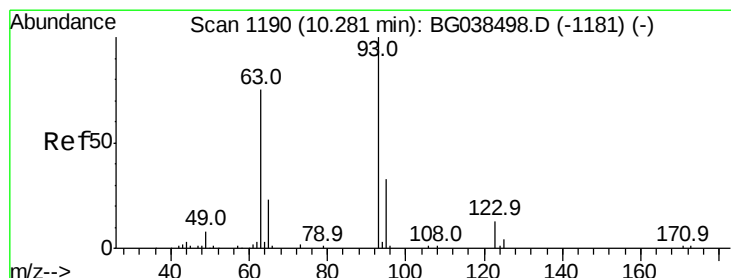
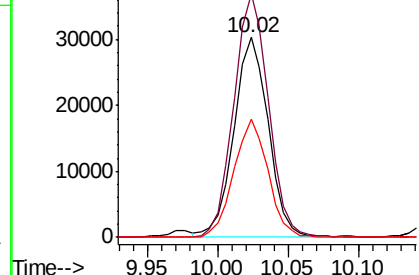
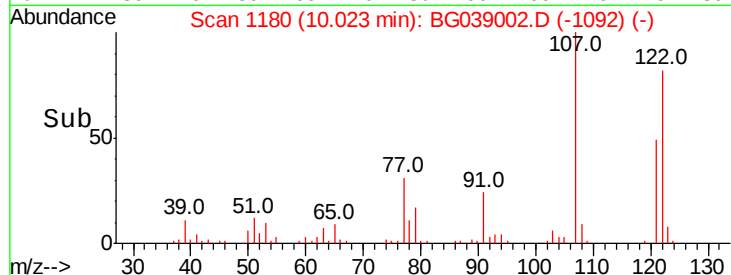
#27
 2,4-Dimethylphenol
 Concen: 34.838 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 51748
 Ion Ratio Lower Upper
 122 100
 107 122.0 98.4 147.6
 121 59.5 47.2 70.8

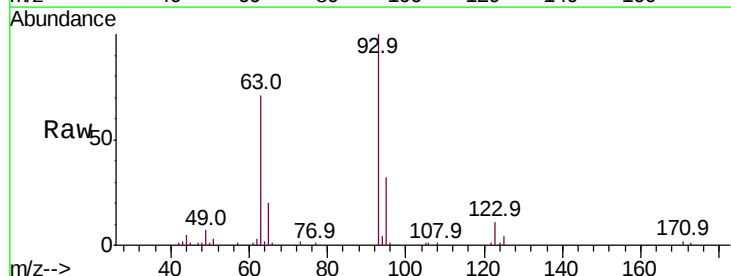


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

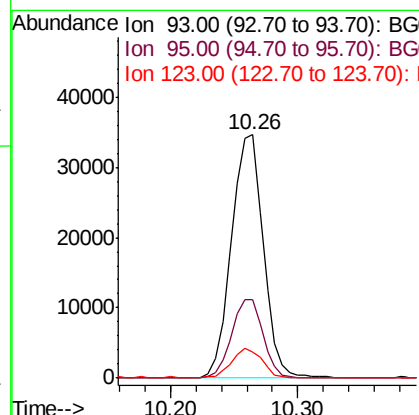
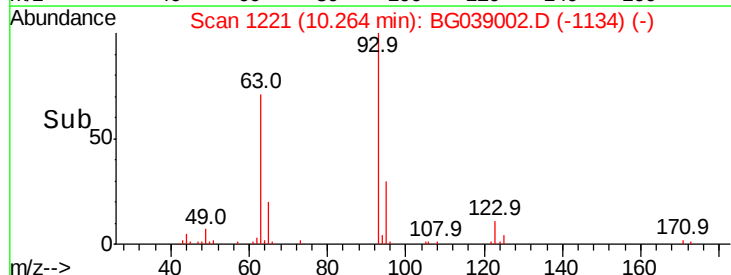


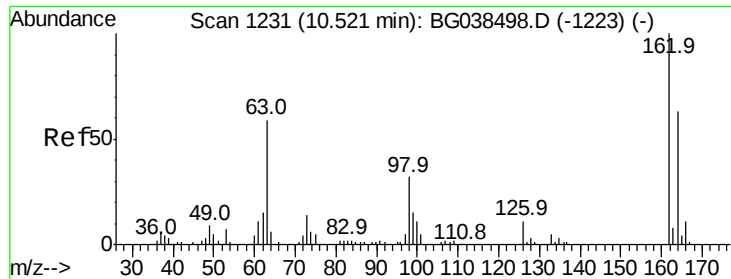
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.567 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion: 93 Resp: 60009
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 40.0
 123 10.8 10.6 16.0



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

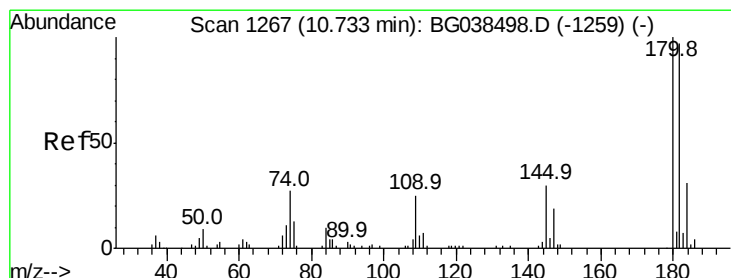
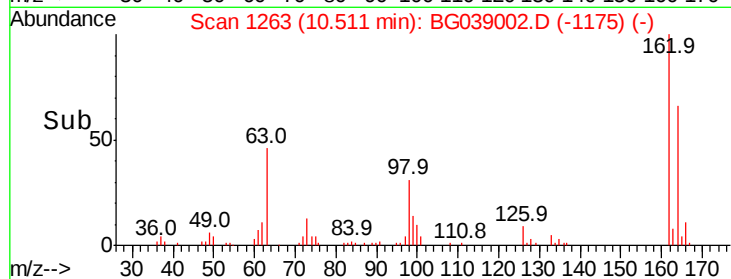
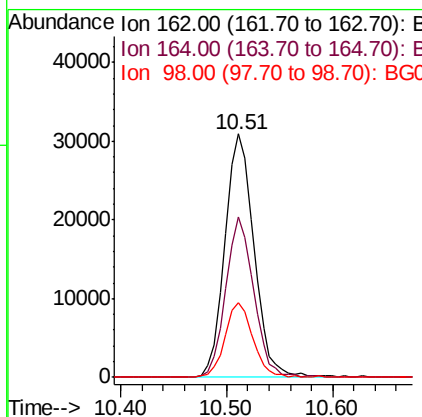
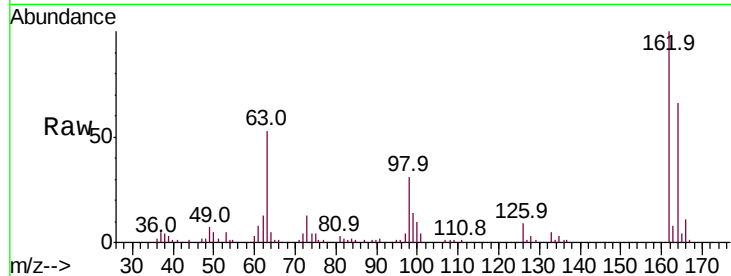




#29
 2,4-Dichlorophenol
 Concen: 35.660 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

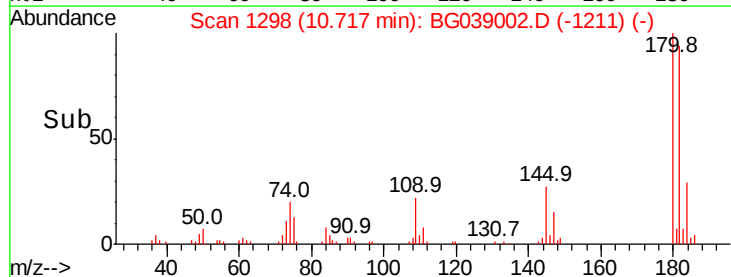
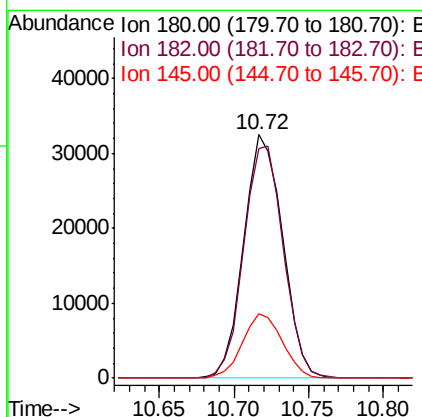
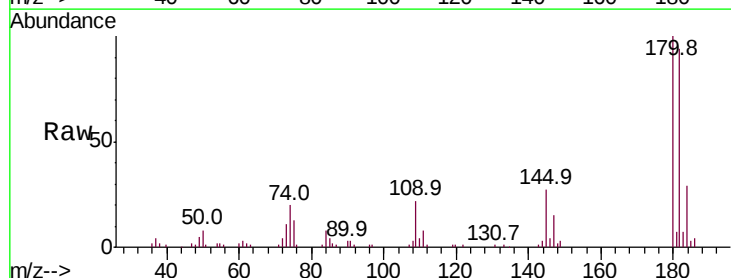
Instrument :
 BNA_G
 ClientSampleId :

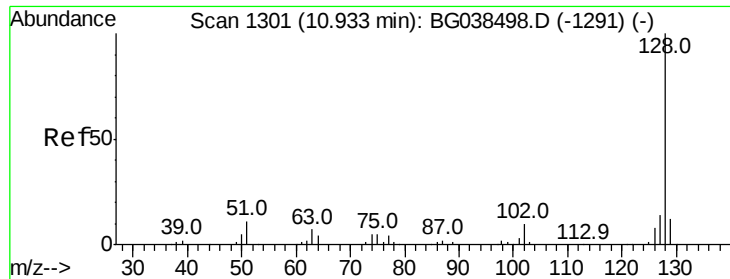
Tot Ion:162 Resp: 58926
 Ion Ratio Lower Upper
 162 100
 164 65.9 42.9 82.9
 98 30.8 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 29.363 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:180 Resp: 58610
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.4 116.0
 145 26.7 24.1 36.1

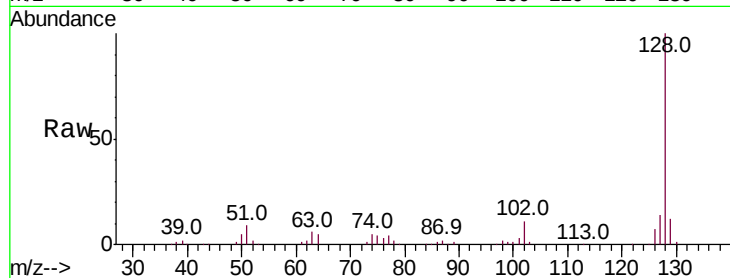




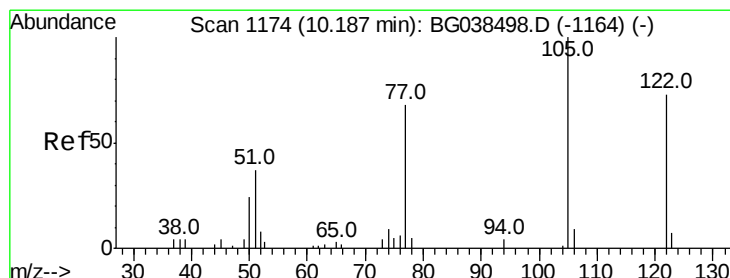
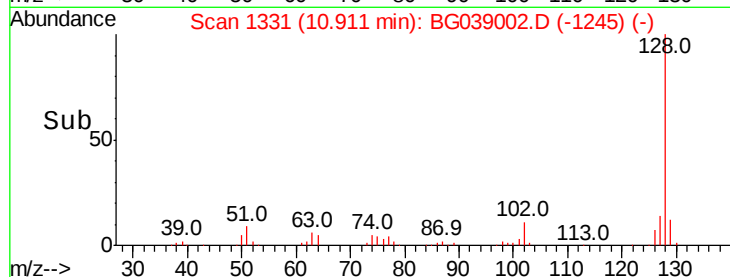
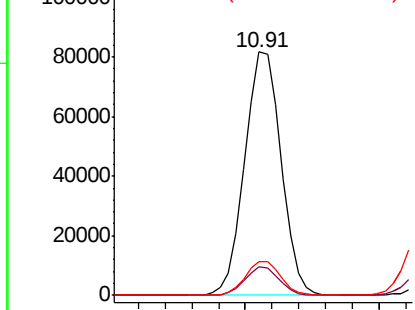
#31
Naphthalene
Concen: 30.520 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 153777
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.6 10.9 16.3

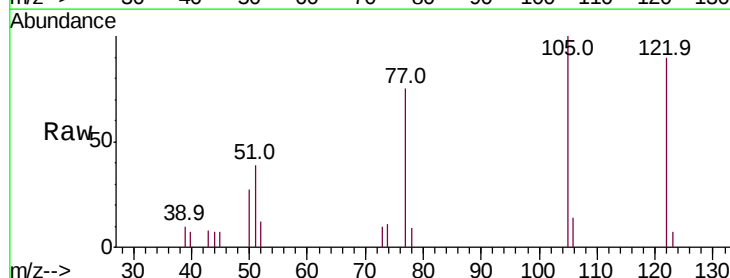


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

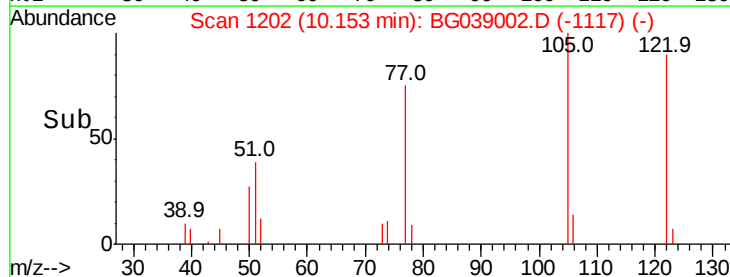
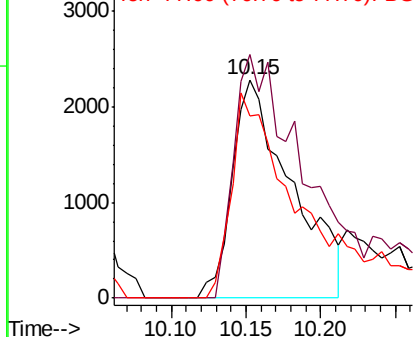


#32
Benzoic acid
Concen: 15.448 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion:122 Resp: 6325
Ion Ratio Lower Upper
122 100
105 111.6 116.7 156.7#
77 83.7 72.5 112.5



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): BGO





#33

4-Chloroaniline

Concen: 19.256 ng

RT: 11.03 min Scan# 1352

Delta R.T. -0.01 min

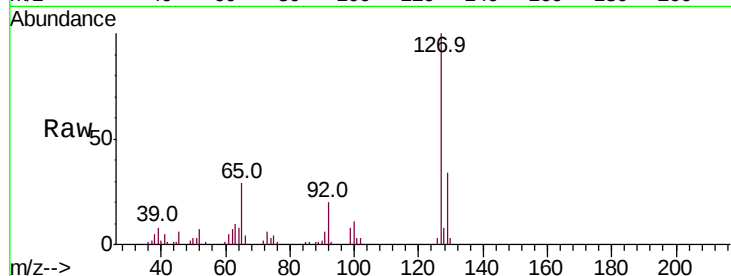
Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 42123

Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	28.7	27.8	41.6
92	20.4	17.0	25.6



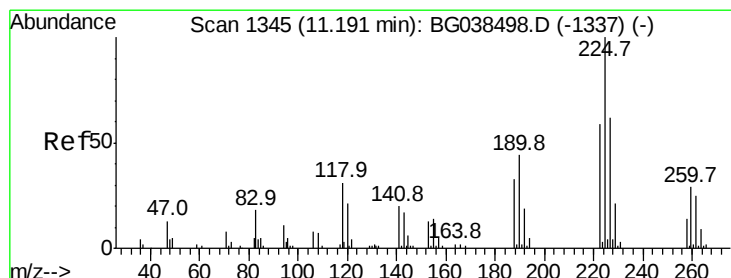
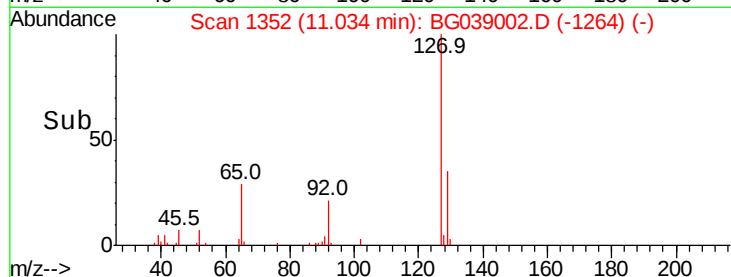
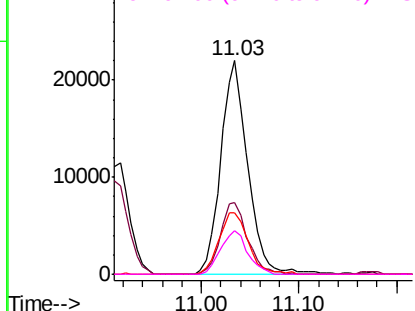
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 28.726 ng

RT: 11.17 min Scan# 1375

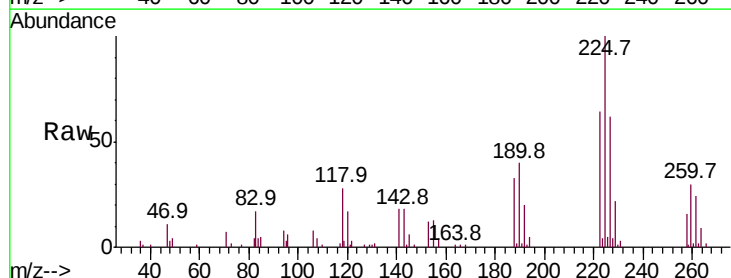
Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:225 Resp: 38798

Ion	Ratio	Lower	Upper
225	100		
223	68.5	45.0	67.6#
227	62.2	50.6	75.8

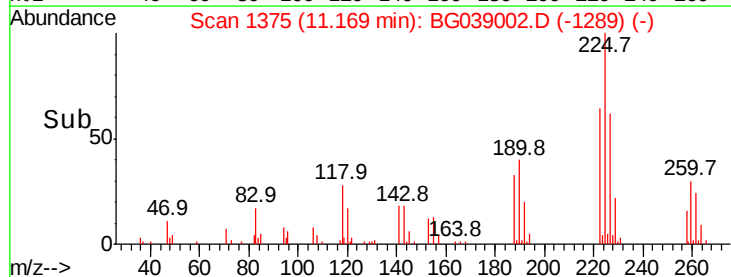
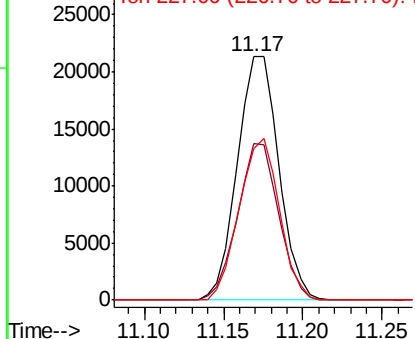


Abundance

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: 25.764 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

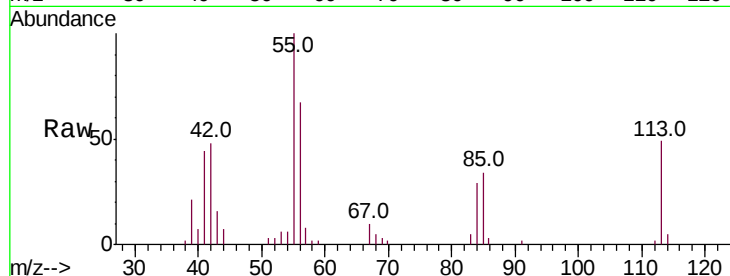
Tot Ion:113 Resp: 17619

Ion Ratio Lower Upper

113 100

55 204.0 204.3 244.3#

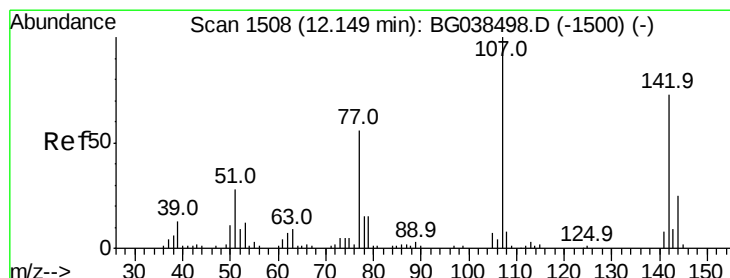
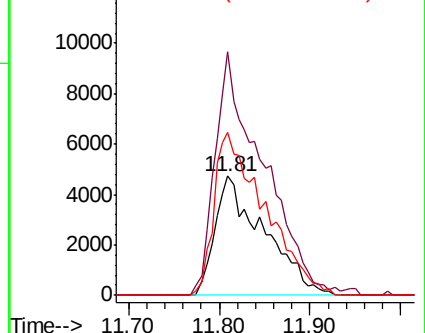
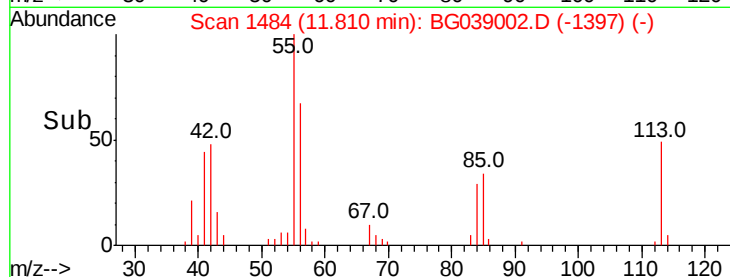
56 136.2 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 32.446 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

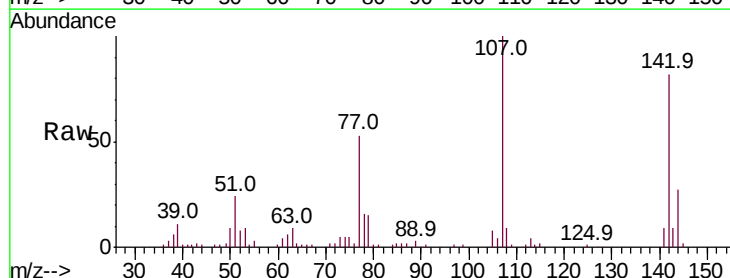
Tgt Ion:107 Resp: 61184

Ion Ratio Lower Upper

107 100

144 27.1 20.1 30.1

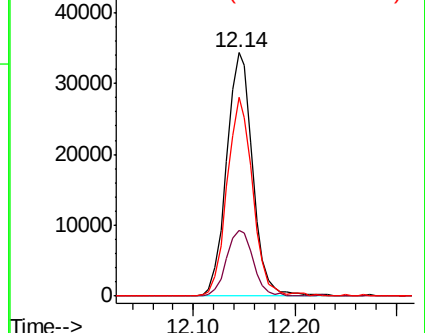
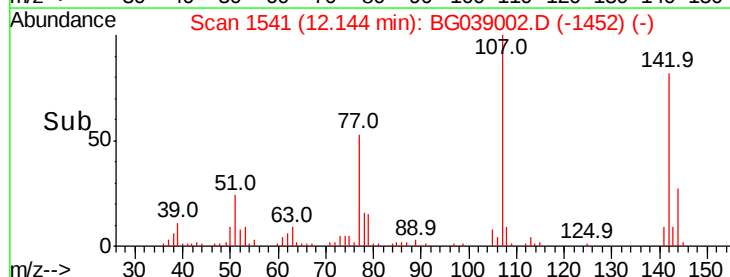
142 81.7 58.7 88.1

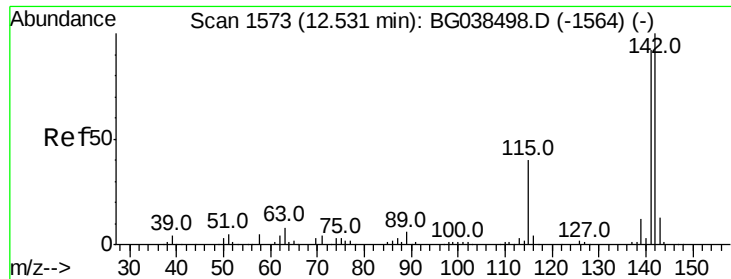


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

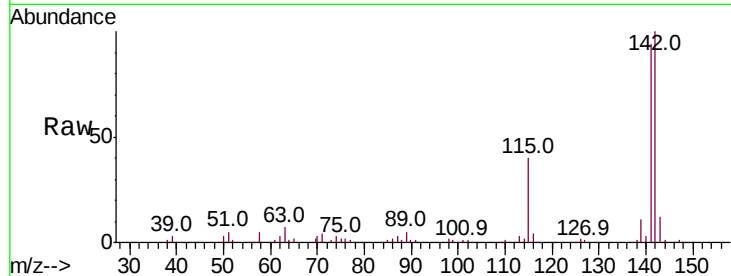




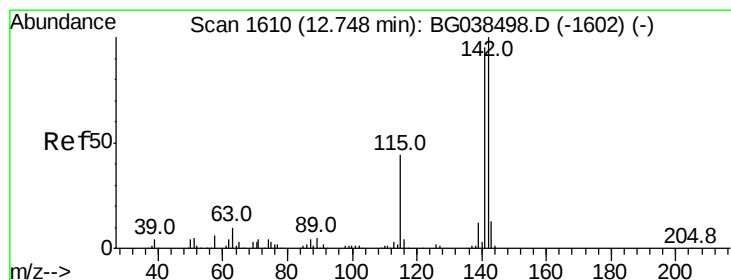
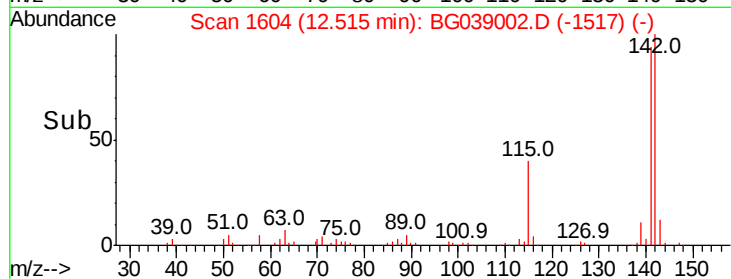
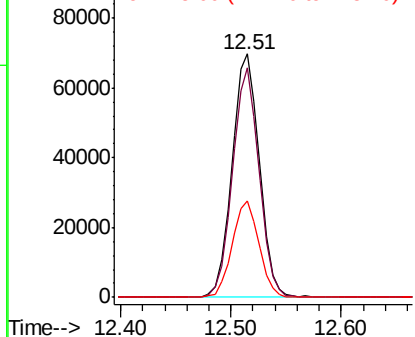
#37
 2-Methylnaphthalene
 Concen: 33.640 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 120921
 Ion Ratio Lower Upper
 142 100
 141 94.3 73.5 110.3
 115 39.6 31.7 47.5

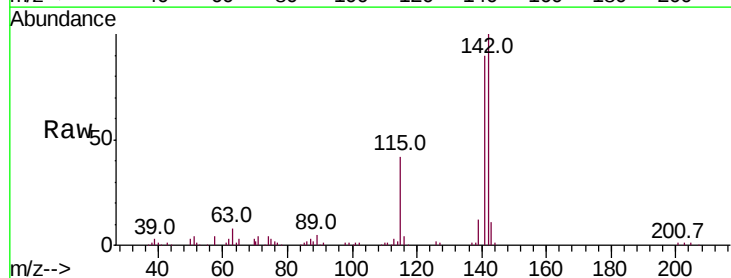


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

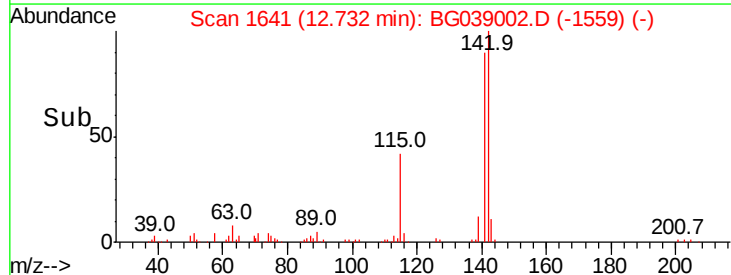
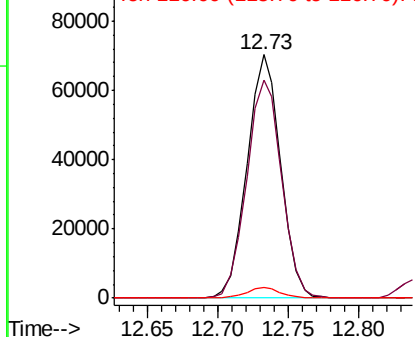


#38
 1-Methylnaphthalene
 Concen: 33.559 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:142 Resp: 117057
 Ion Ratio Lower Upper
 142 100
 141 89.7 75.8 113.8
 116 4.5 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

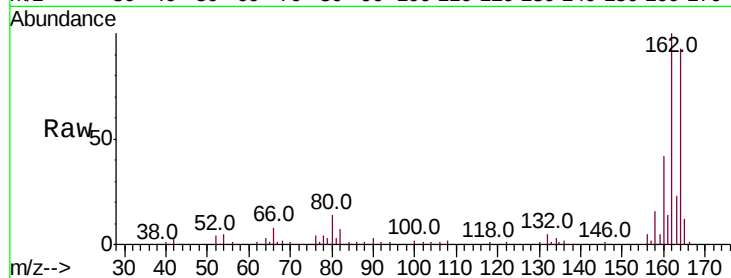
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 75700

Ion	Ratio	Lower	Upper
164	100		
162	107.8	86.6	130.0
160	45.1	34.2	51.2

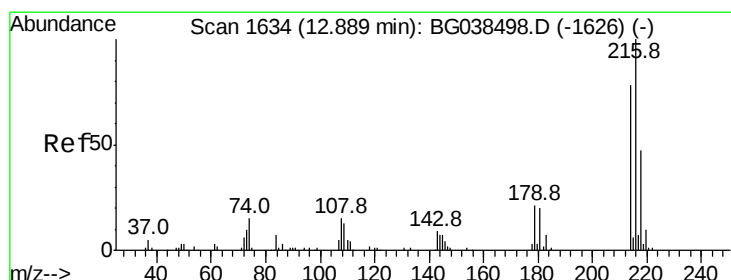
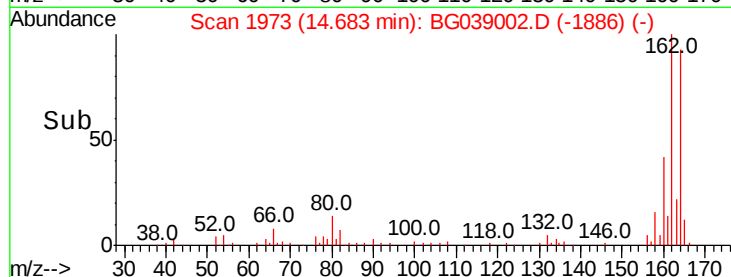
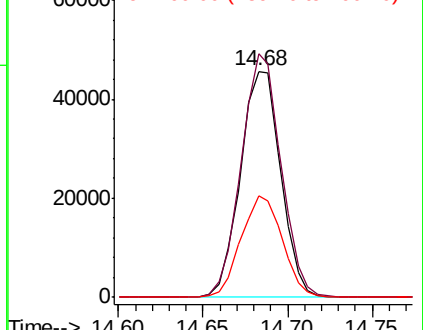


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 27.592 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:216 Resp: 78076

Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.1	96.1
179	19.2	16.4	24.6
108	16.0	13.9	20.9

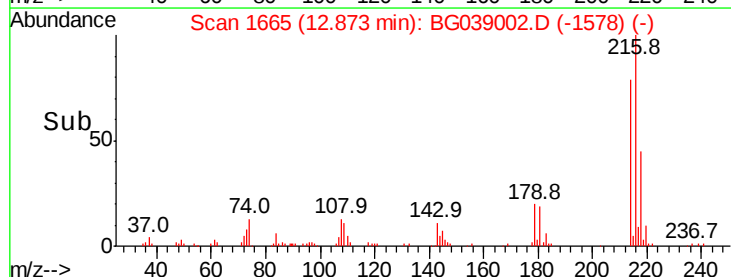
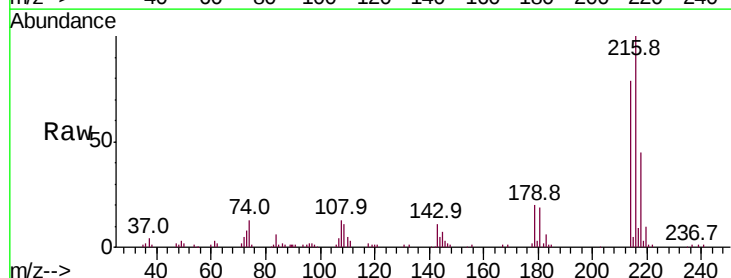
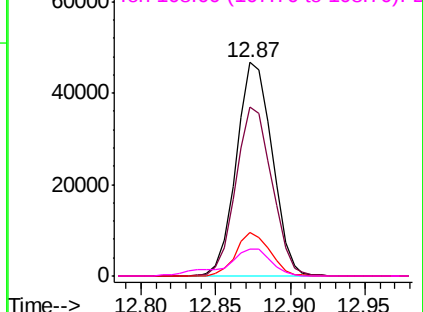
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

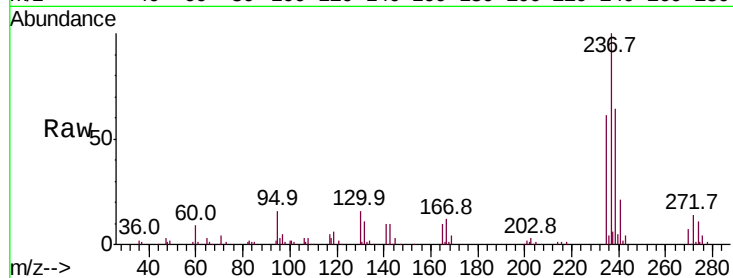




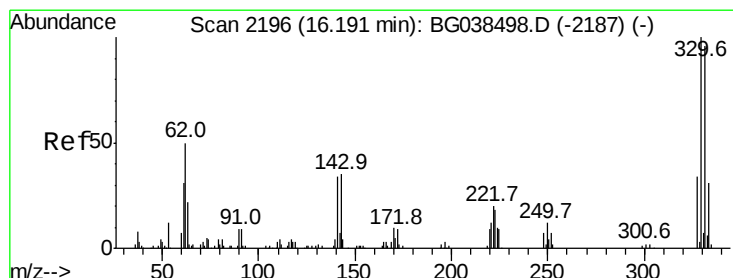
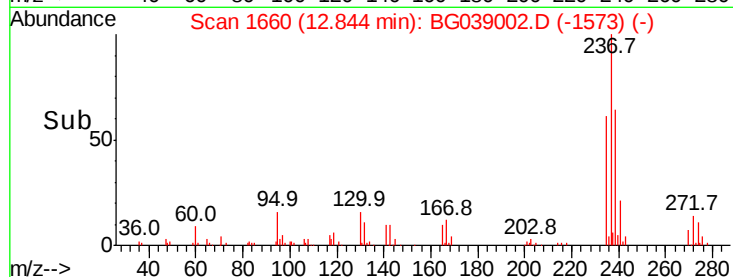
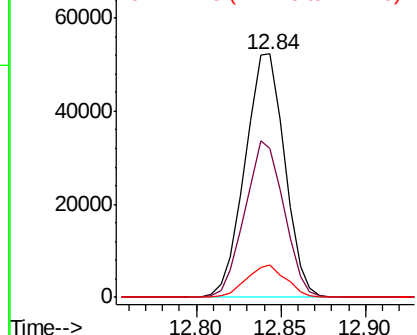
#41
Hexachlorocyclopentadiene
Concen: 55.163 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.0	38.8	78.8
272	13.5	0.0	32.0

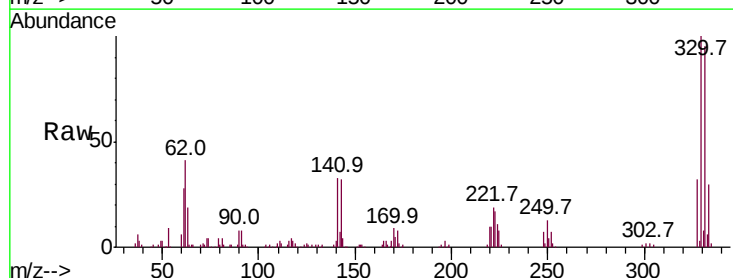


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

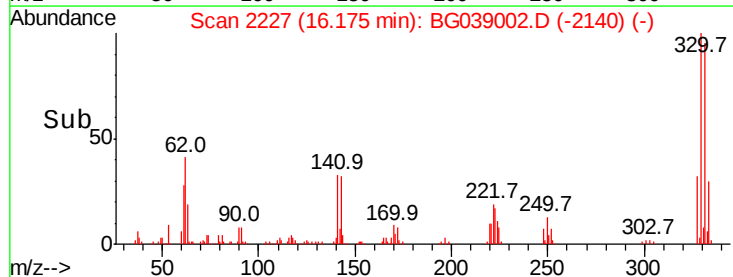
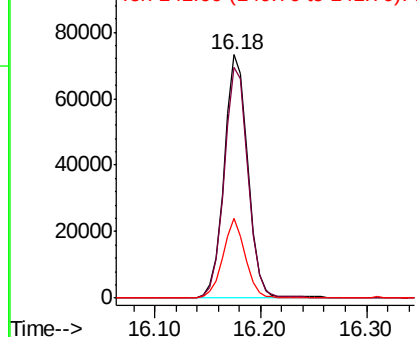


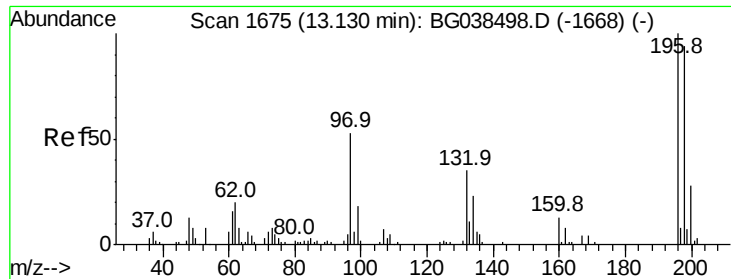
#42
2,4,6-Tribromophenol
Concen: 109.276 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	30.8	28.8	43.2



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

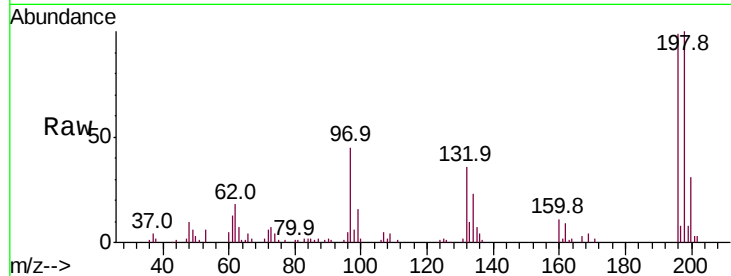




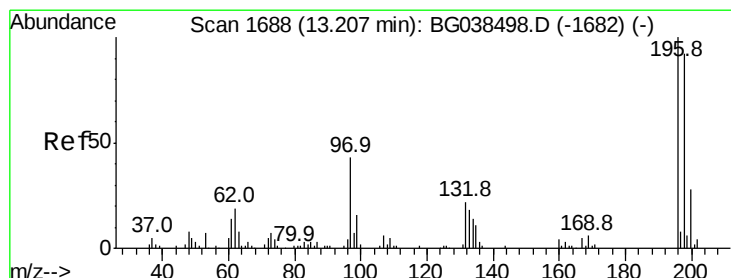
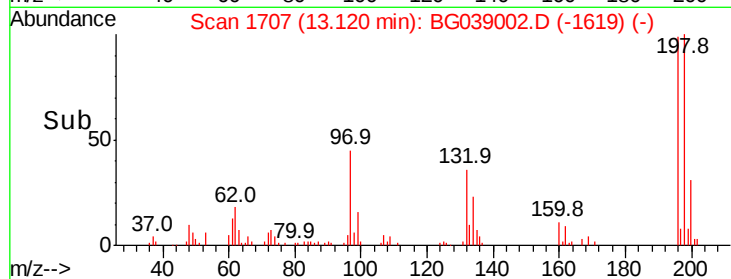
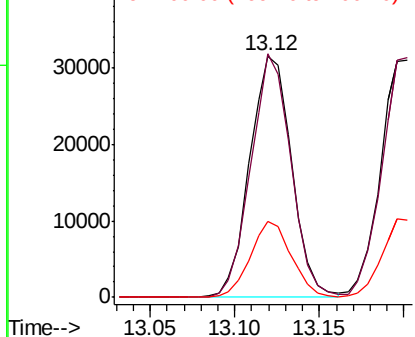
#43
 2,4,6-Trichlorophenol
 Concen: 31.214 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 54307
 Ion Ratio Lower Upper
 196 100
 198 100.8 75.0 112.4
 200 31.5 22.4 33.6



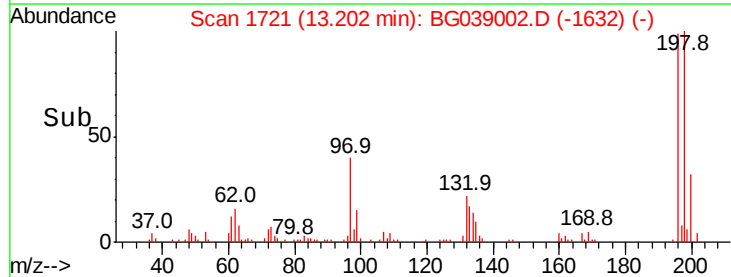
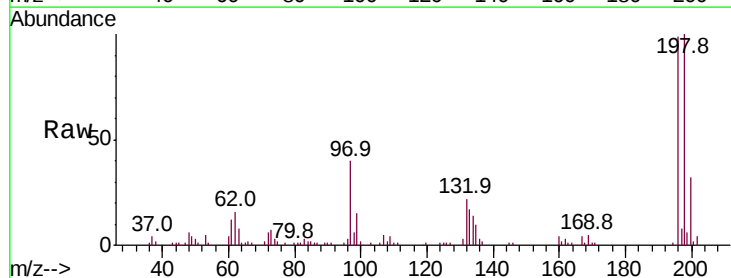
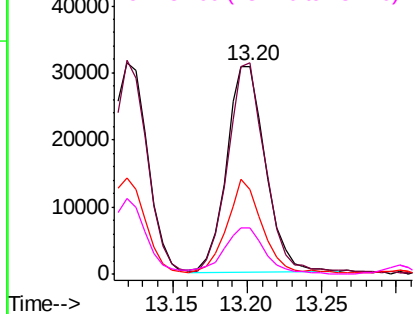
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

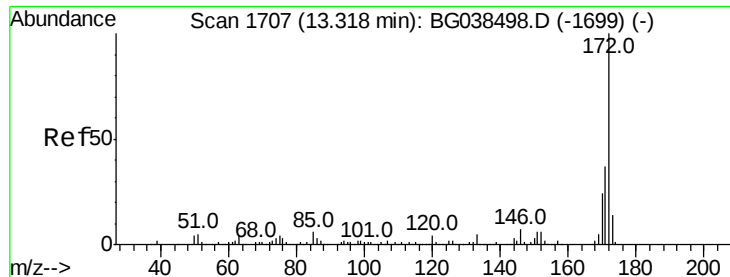


#44
 2,4,5-Trichlorophenol
 Concen: 30.402 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:196 Resp: 56004
 Ion Ratio Lower Upper
 196 100
 198 101.3 74.0 111.0
 97 40.4 35.1 52.7
 132 21.9 18.0 27.0

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





#45

2-Fluorobiphenyl

Concen: 57.801 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

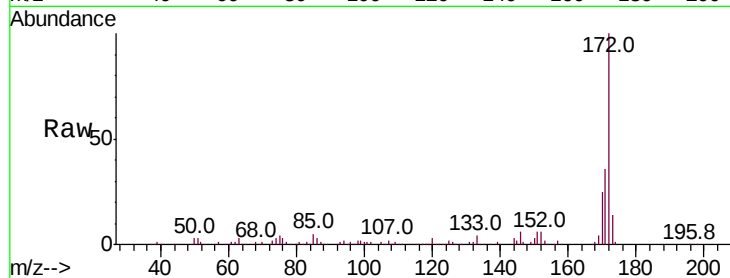
Instrument :

BNA_G

ClientSampled :

Tot Ion:172 Resp: 318950

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.8	19.5	29.3

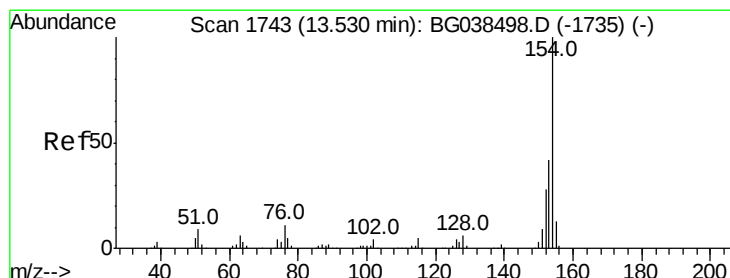
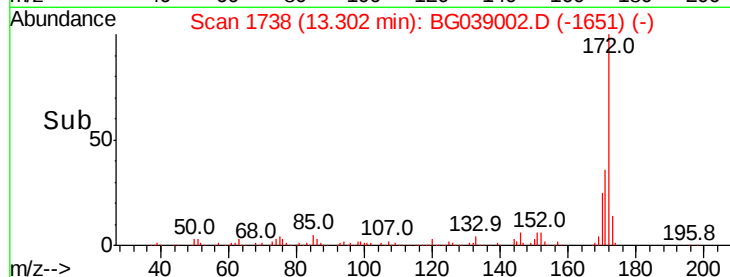
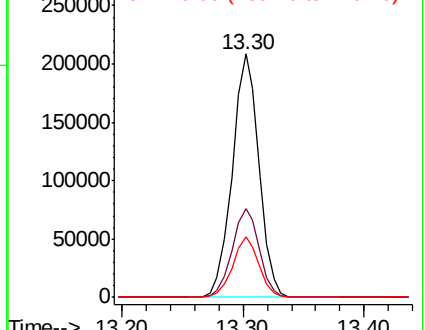


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 26.065 ng

RT: 13.51 min Scan# 1774

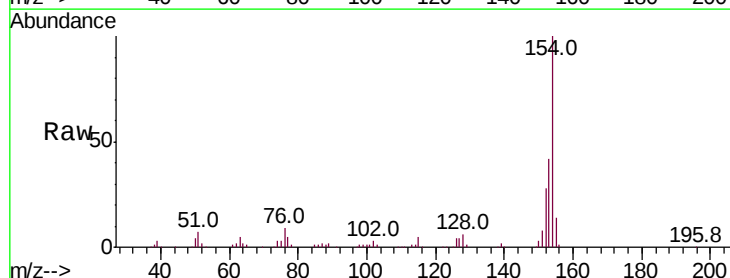
Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:154 Resp: 165409

Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	8.9	0.0	31.2

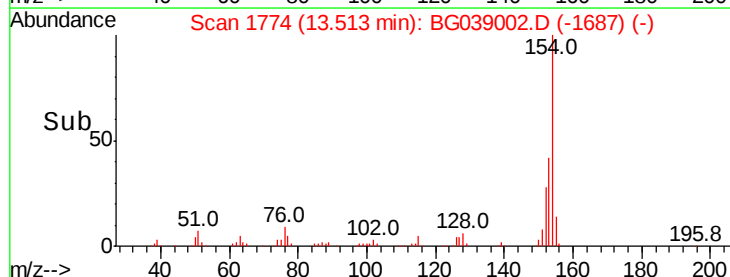
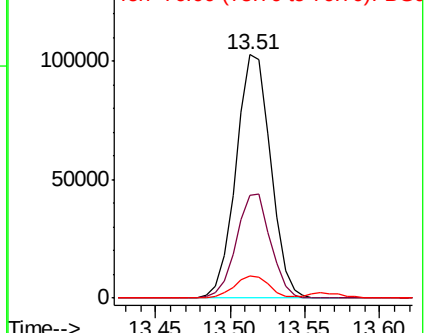


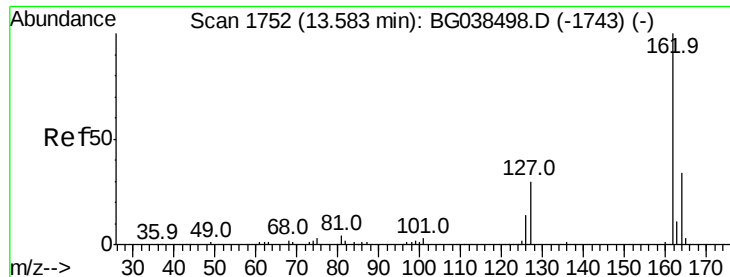
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

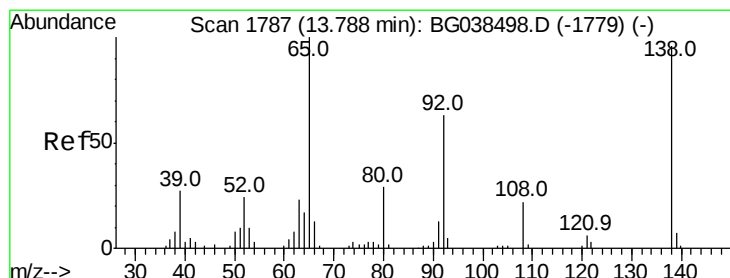
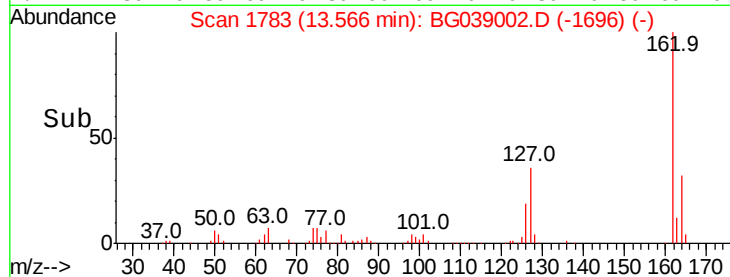
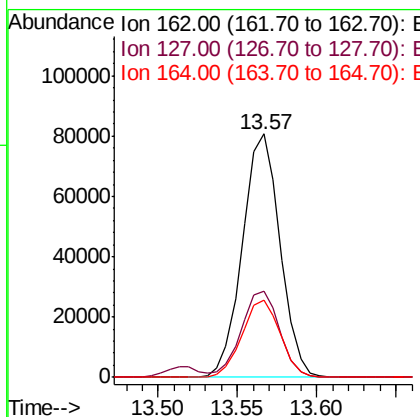
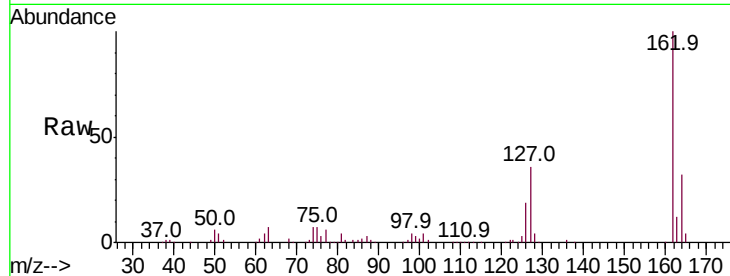




#47
 2-Chloronaphthalene
 Concen: 27.183 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

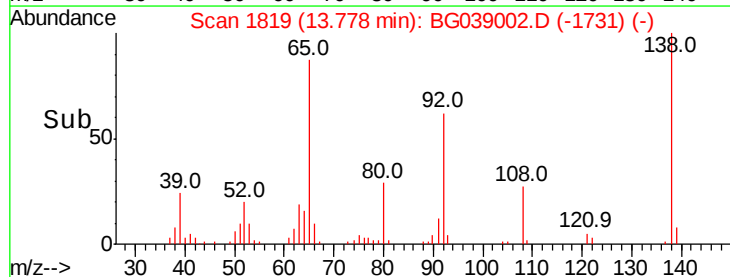
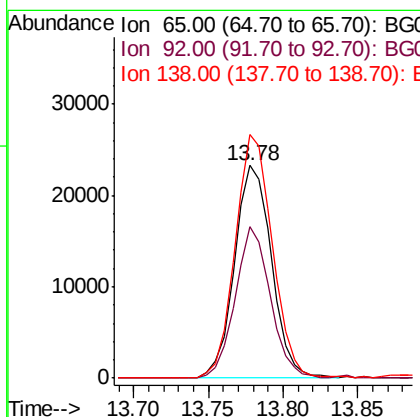
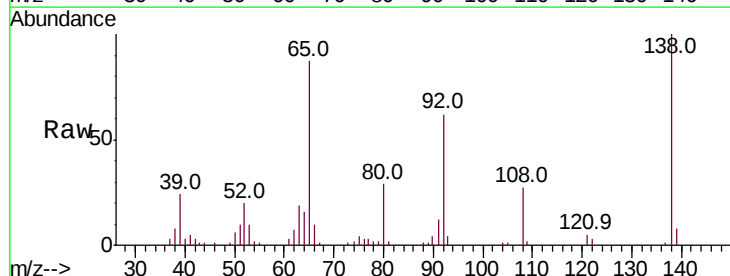
Instrument :
 BNA_G
 ClientSampleId :

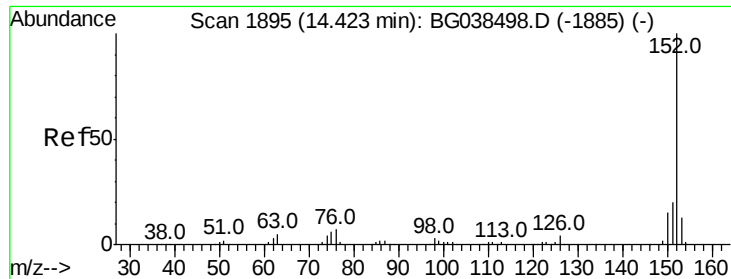
Tot Ion:162 Resp: 133254
 Ion Ratio Lower Upper
 162 100
 127 35.7 27.8 41.8
 164 32.0 26.9 40.3



#48
 2-Nitroaniline
 Concen: 25.739 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion: 65 Resp: 40190
 Ion Ratio Lower Upper
 65 100
 92 71.3 50.0 75.0
 138 114.5 76.9 115.3





#49

Acenaphthylene

Concen: 30.012 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

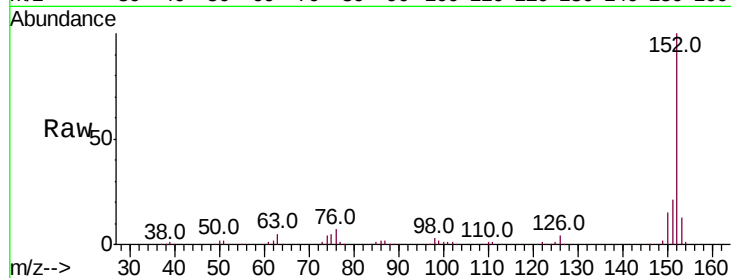
Tot Ion:152 Resp: 219941

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

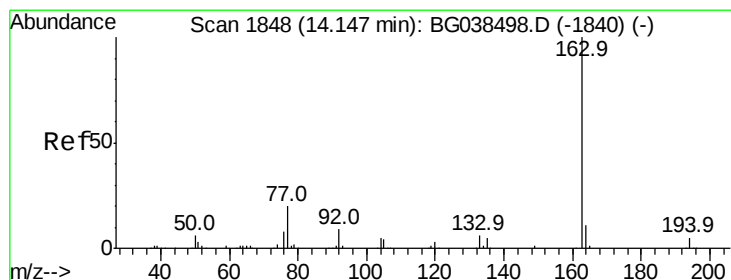
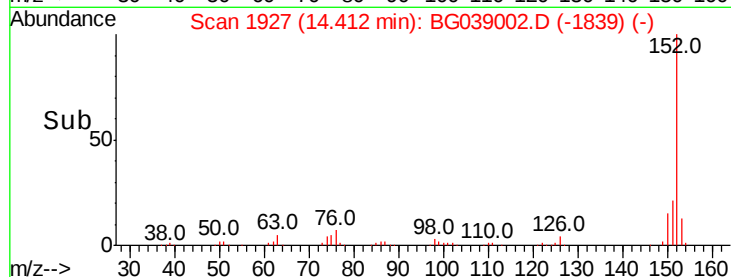
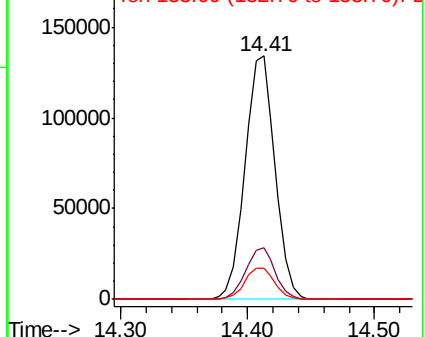
153 13.0 10.4 15.6



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: 37.476 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

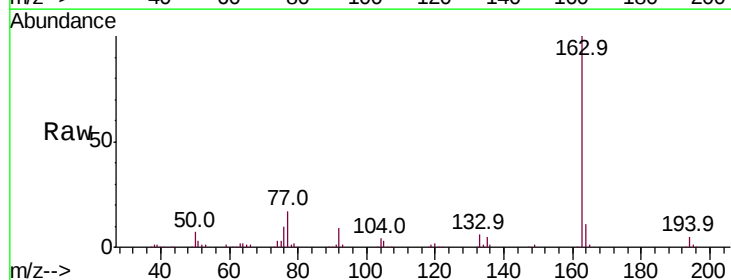
Tgt Ion:163 Resp: 231671

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

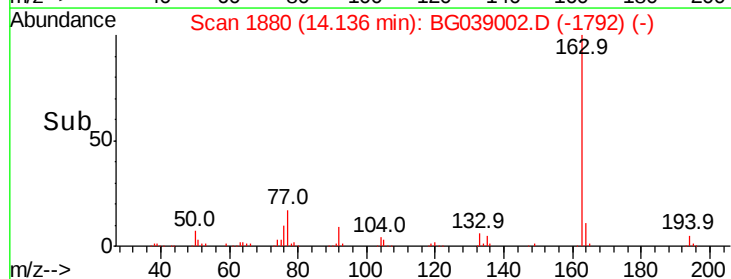
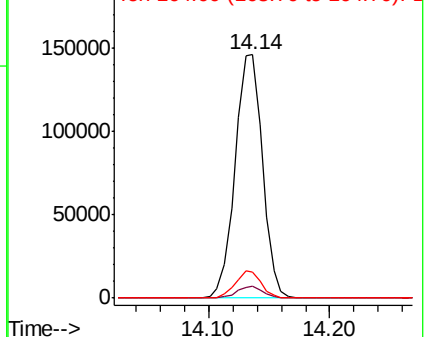
164 10.5 8.6 12.8

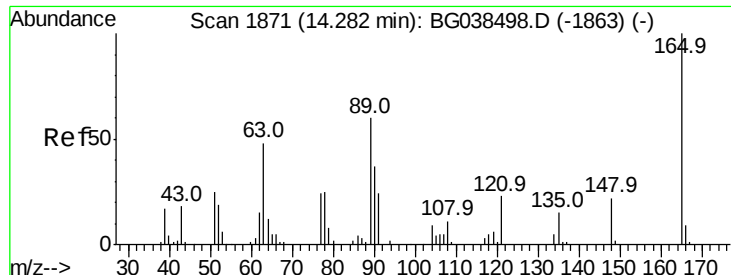


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

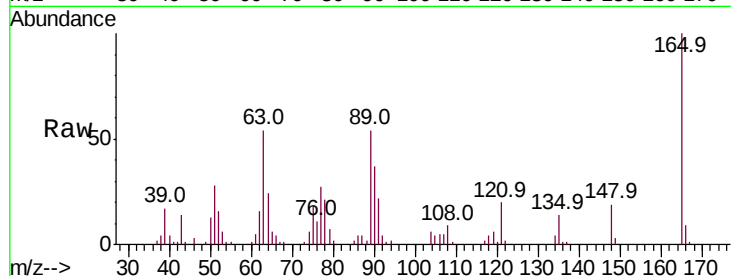




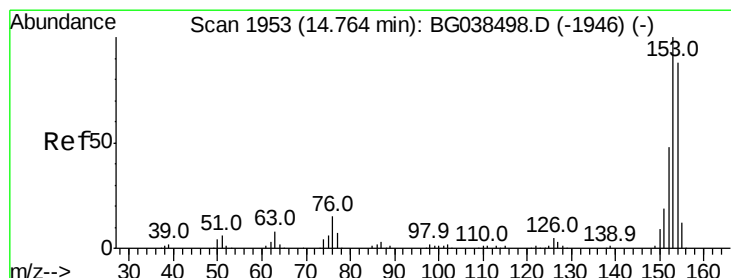
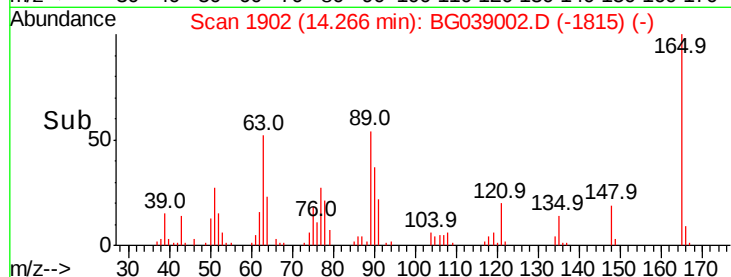
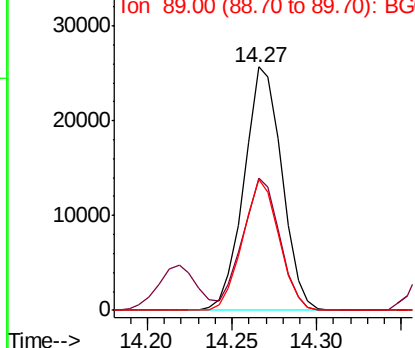
#51
 2,6-Dinitrotoluene
 Concen: 28.622 ng
 RT: 14.27 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 40097
 Ion Ratio Lower Upper
 165 100
 63 54.3 51.8 77.6
 89 53.6 47.9 71.9

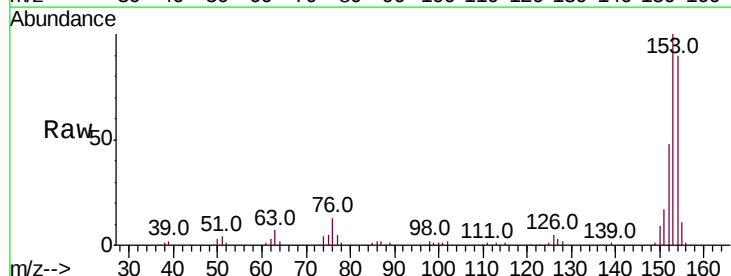


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

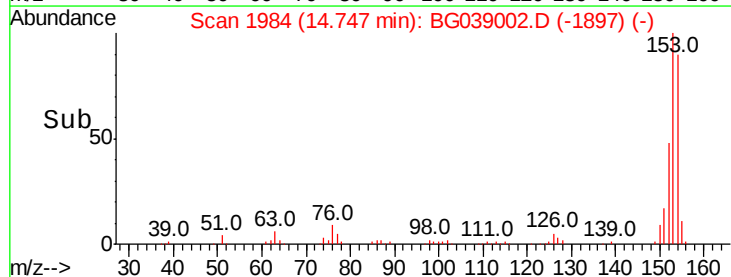
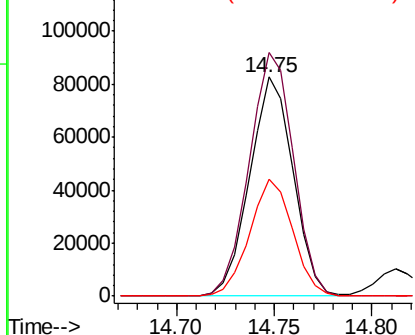


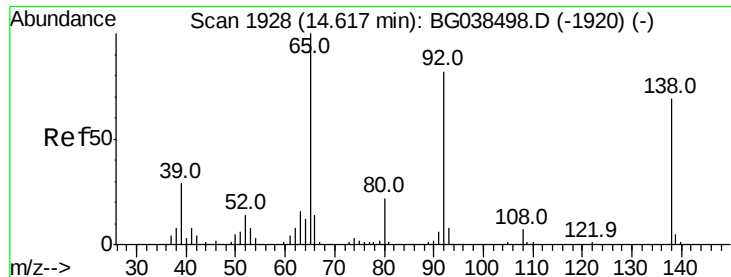
#52
 Acenaphthene
 Concen: 29.091 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:154 Resp: 127480
 Ion Ratio Lower Upper
 154 100
 153 111.3 90.6 136.0
 152 53.6 43.5 65.3



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

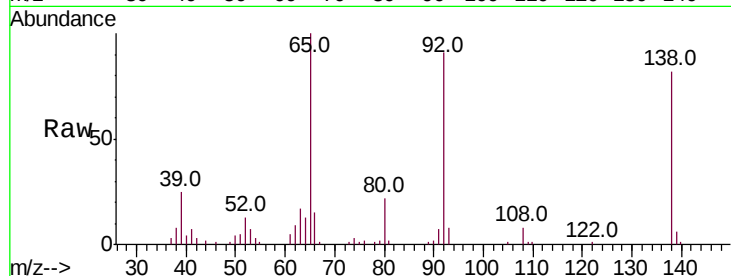




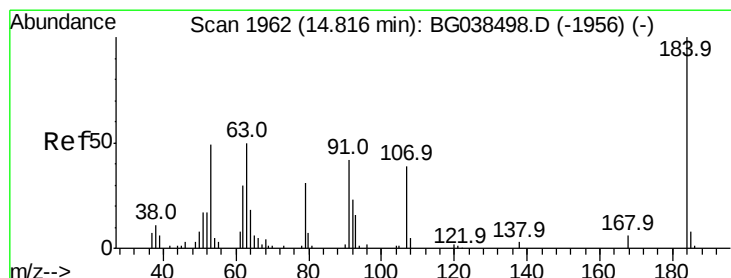
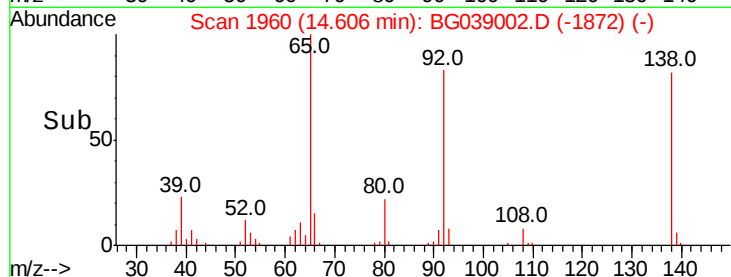
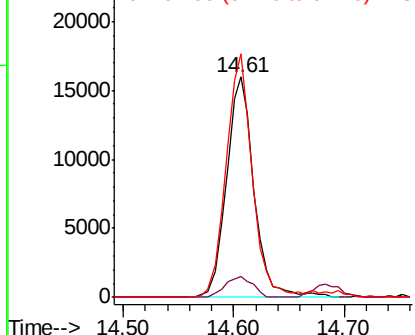
#53
 3-Nitroaniline
 Concen: 19.388 ng
 RT: 14.61 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 27687
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 110.6 95.3 142.9

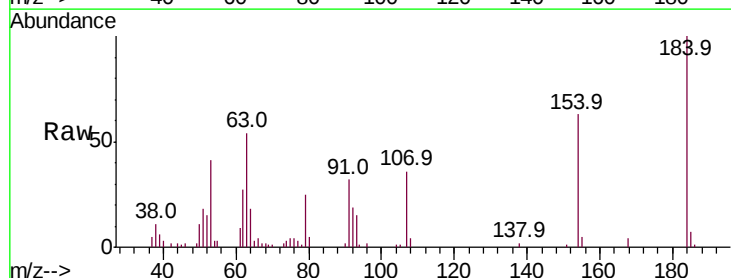


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

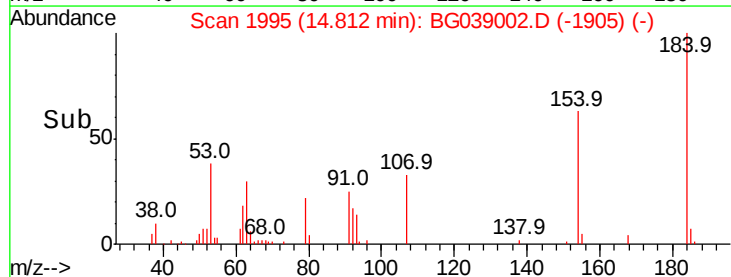
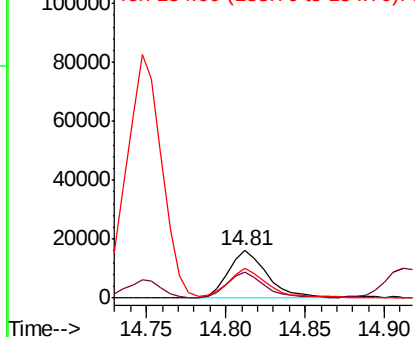


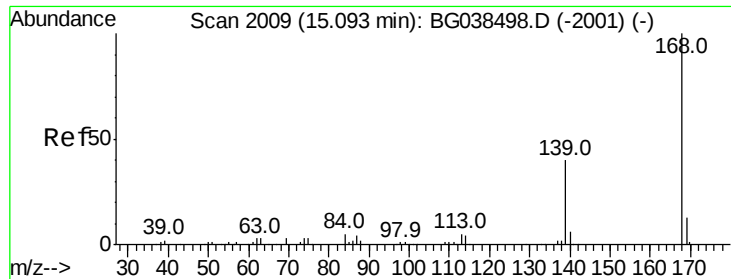
#54
 2,4-Dinitrophenol
 Concen: 35.888 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:184 Resp: 27368
 Ion Ratio Lower Upper
 184 100
 63 54.4 47.0 70.6
 154 63.3 50.3 75.5



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

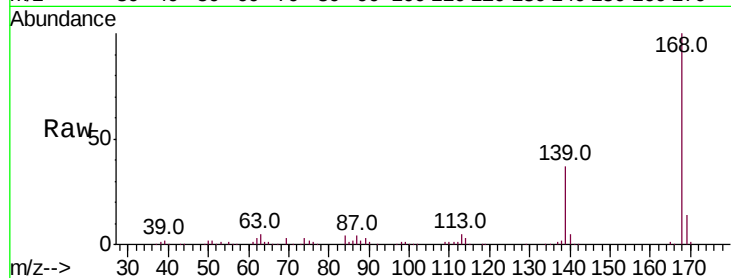




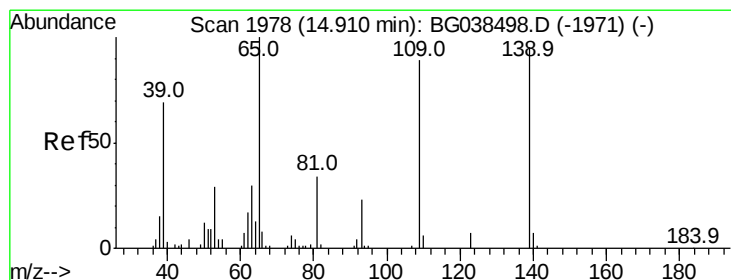
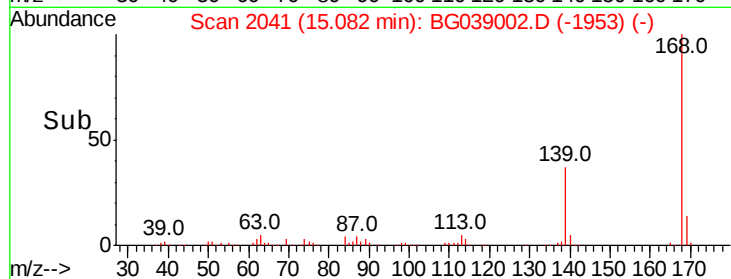
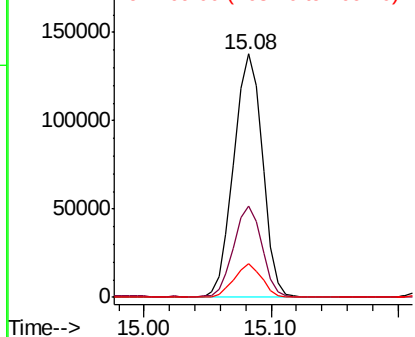
#55
Dibenzofuran
Concen: 28.836 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 216602
Ion Ratio Lower Upper
168 100
139 37.3 32.2 48.2
169 13.7 10.6 16.0

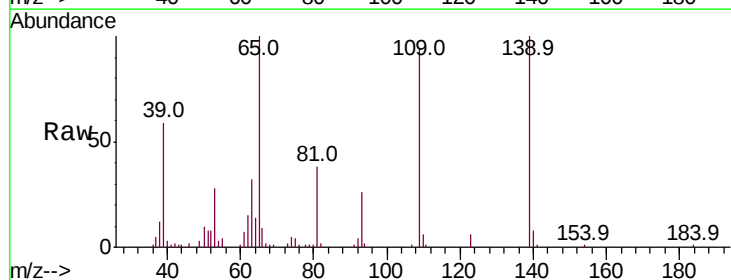


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

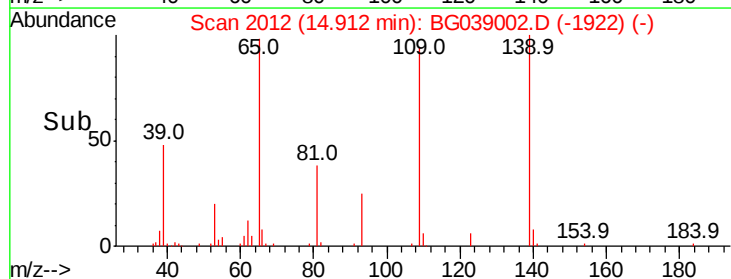
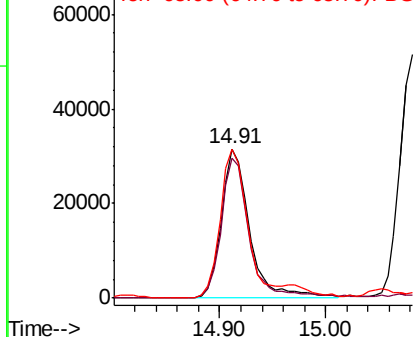


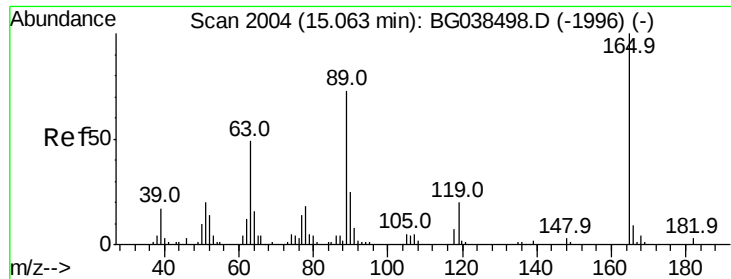
#56
4-Nitrophenol
Concen: 54.374 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion:139 Resp: 58908
Ion Ratio Lower Upper
139 100
109 93.6 73.6 113.6
65 99.7 84.8 124.8



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): BGC

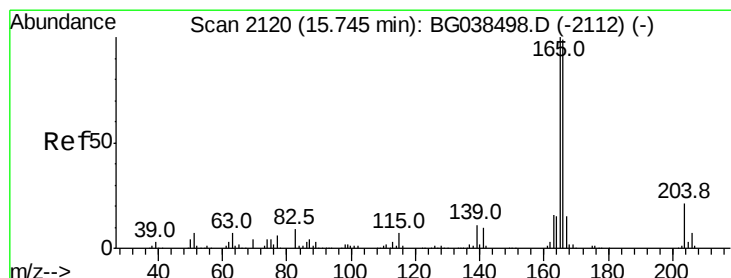
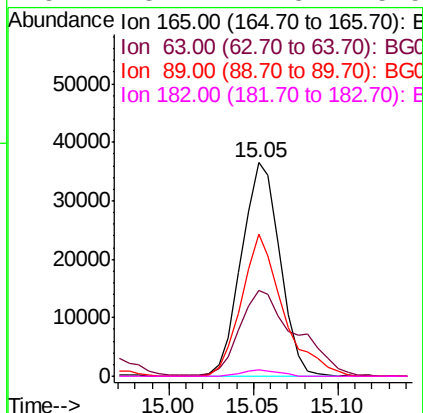
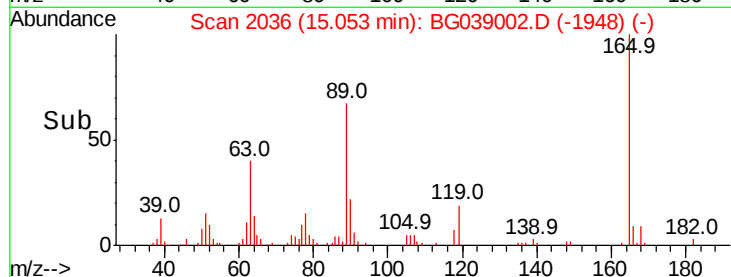
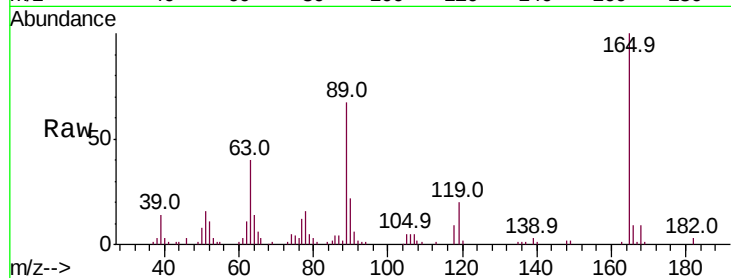




#57
2,4-Dinitrotoluene
Concen: 29.357 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

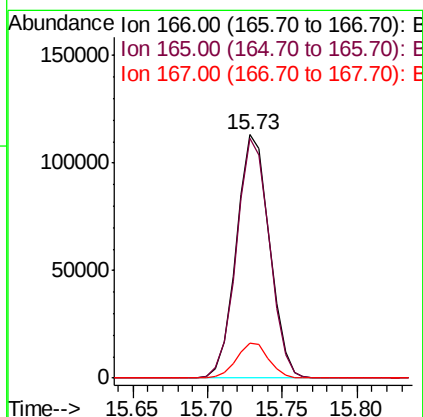
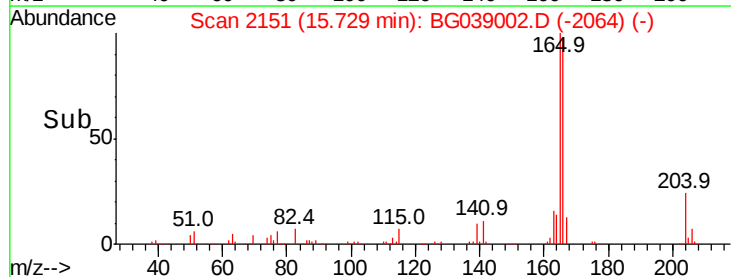
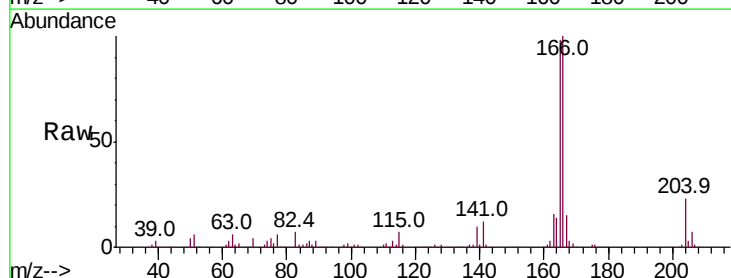
Instrument :
BNA_G
ClientSampled :

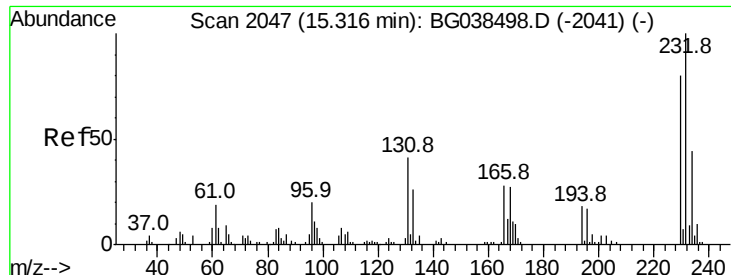
Tot Ion:165 Resp: 57926
Ion Ratio Lower Upper
165 100
63 40.2 39.0 58.4
89 66.5 58.0 87.0
182 3.1 2.3 3.5



#58
Fluorene
Concen: 31.407 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion:166 Resp: 174783
Ion Ratio Lower Upper
166 100
165 98.4 80.6 120.8
167 14.6 12.0 18.0

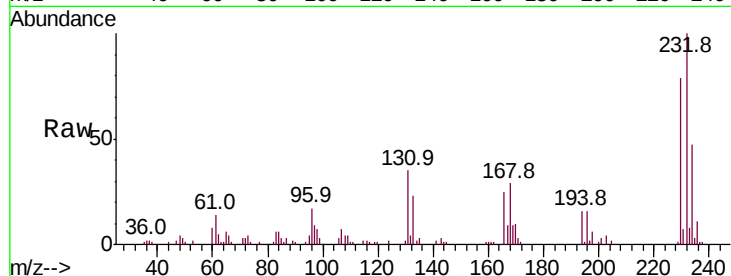




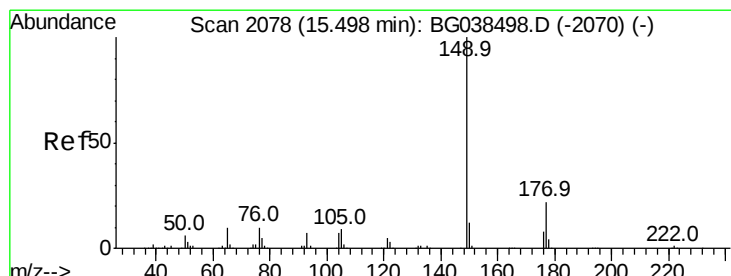
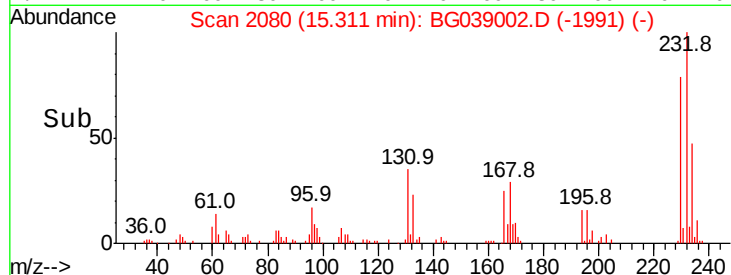
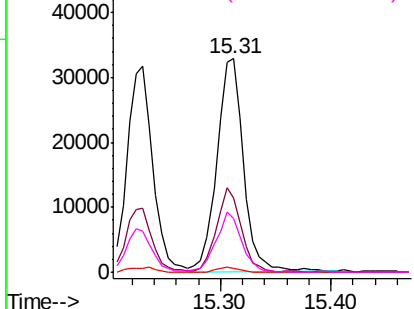
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.899 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 54524
 Ion Ratio Lower Upper
 232 100
 131 36.9 33.0 49.4
 130 2.0 2.0 3.0
 166 27.2 23.1 34.7

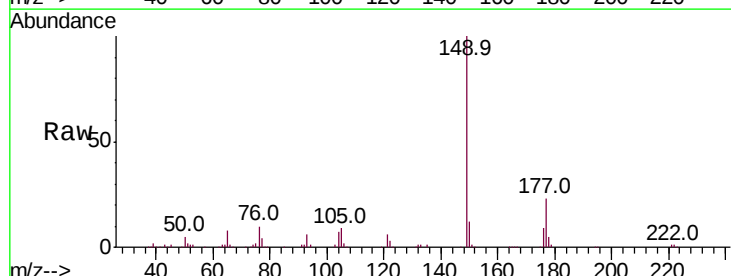


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

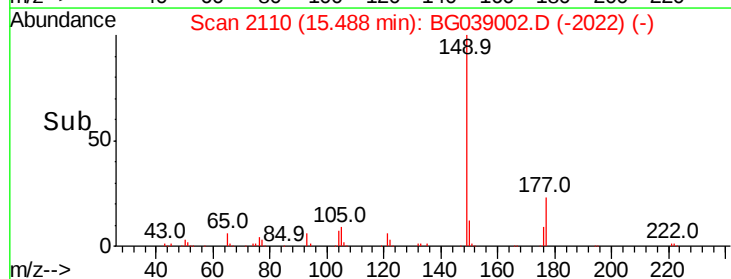
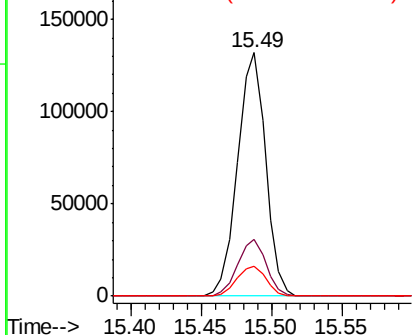


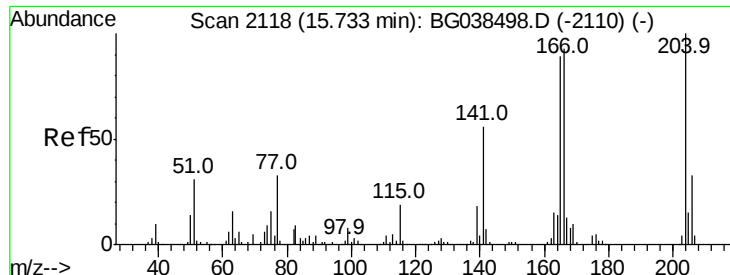
#60
 Diethylphthalate
 Concen: 27.014 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:149 Resp: 183330
 Ion Ratio Lower Upper
 149 100
 177 23.4 17.7 26.5
 150 12.3 9.9 14.9



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

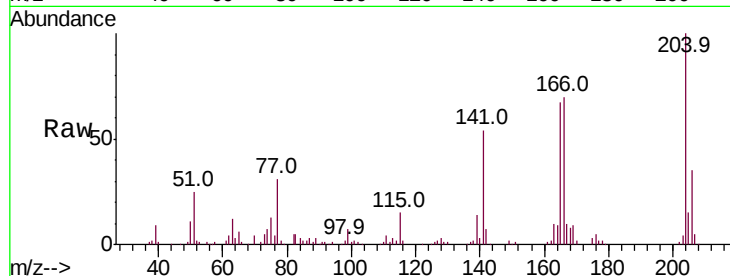




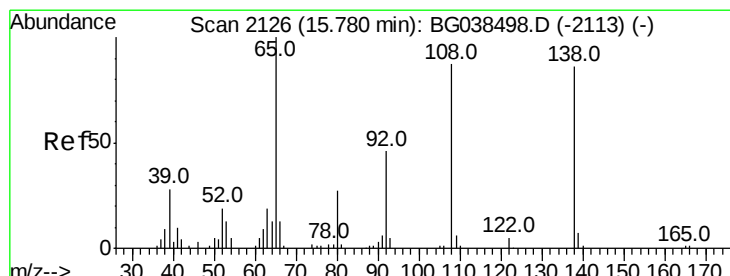
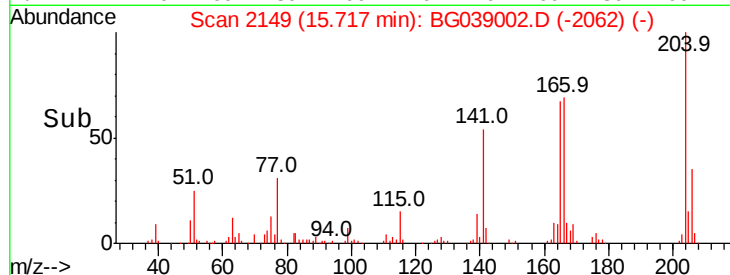
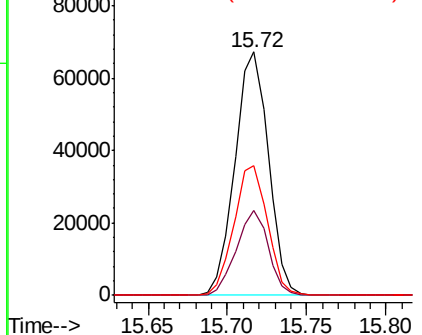
#61
4-Chlorophenyl-phenylether
Concen: 28.402 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 98622
Ion Ratio Lower Upper
204 100
206 34.7 26.0 39.0
141 53.5 44.4 66.6

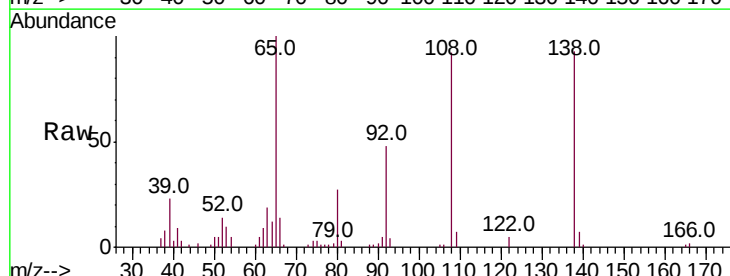


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

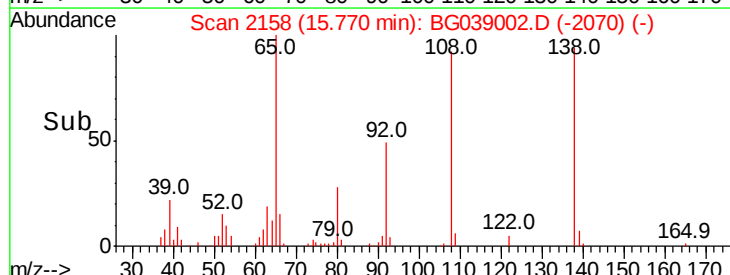
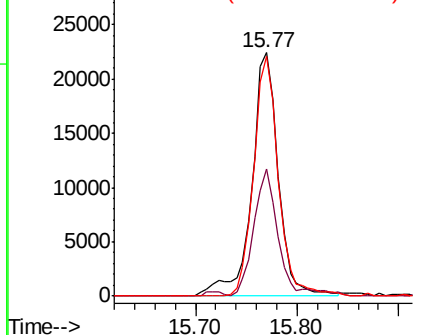


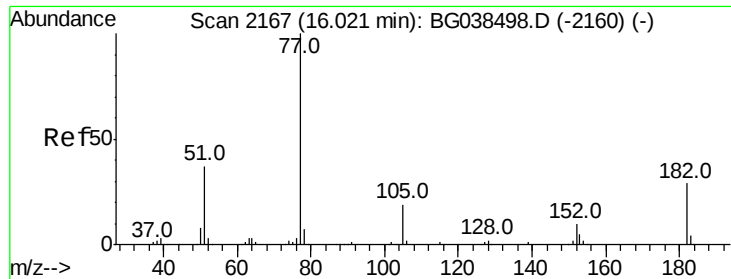
#62
4-Nitroaniline
Concen: 27.650 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion:138 Resp: 40652
Ion Ratio Lower Upper
138 100
92 52.1 33.3 73.3
108 98.5 81.4 121.4



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

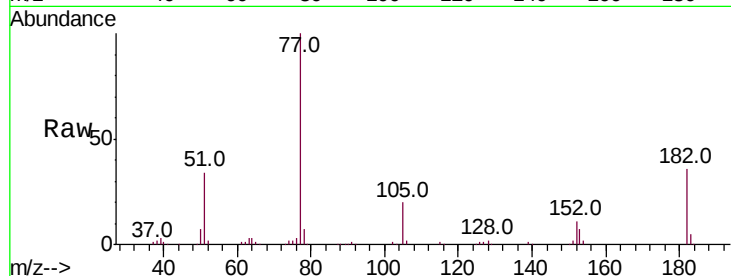




#63
Azobenzene
Concen: 24.528 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	35.9	8.7	48.7
105	20.3	0.0	38.7
51	33.6	16.6	56.6



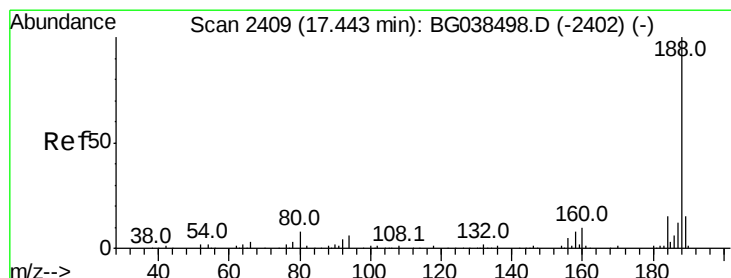
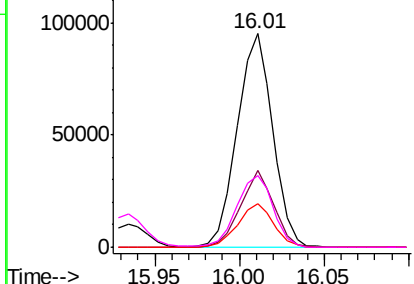
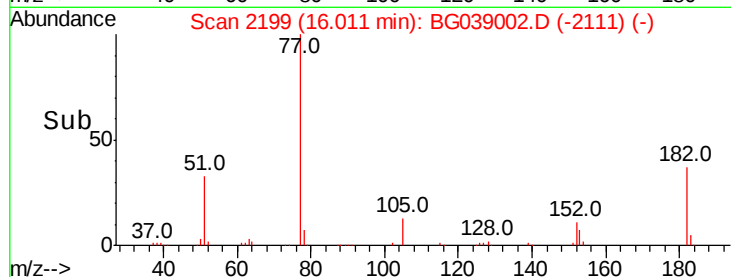
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

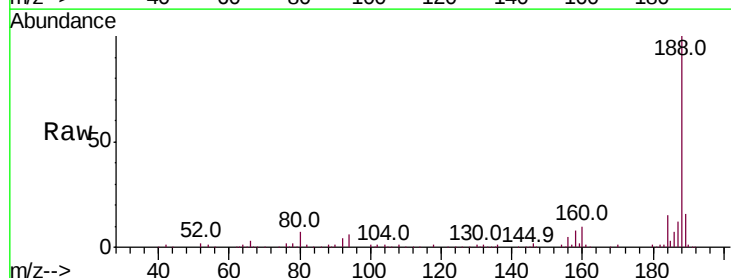
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.7	6.1	9.1

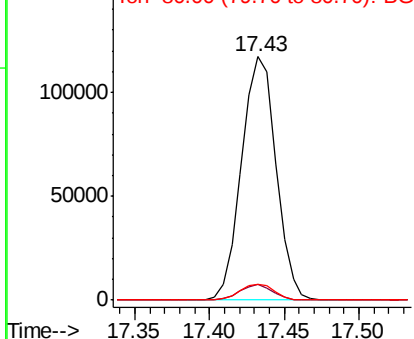
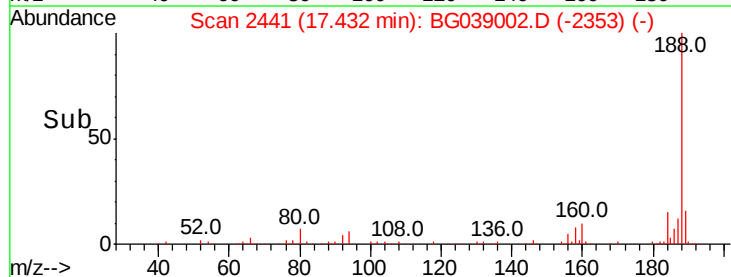


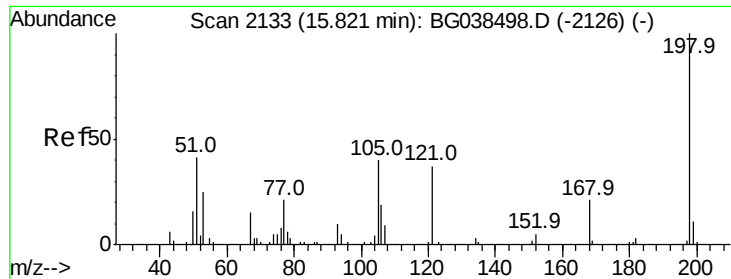
Abundance

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: 25.201 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampled :

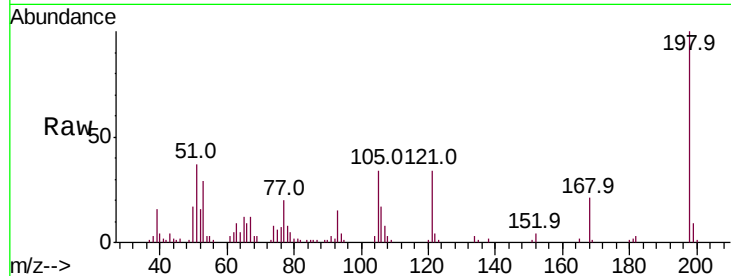
Tot Ion:198 Resp: 33707

Ion Ratio Lower Upper

198 100

51 36.6 28.6 68.6

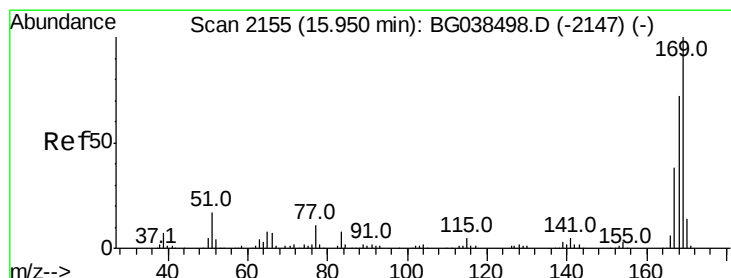
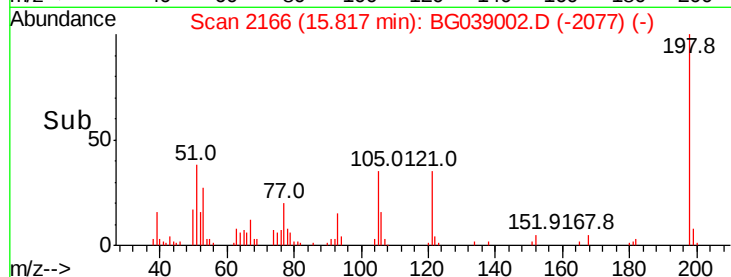
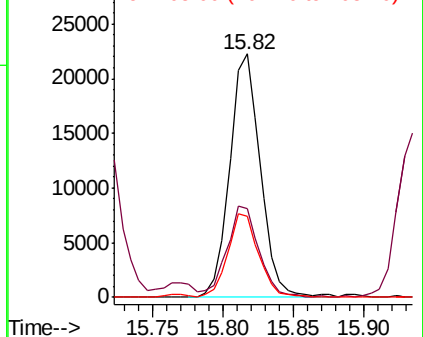
105 33.5 20.4 60.4



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: 29.147 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

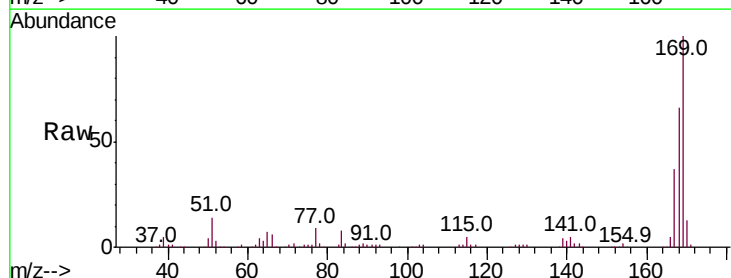
Tgt Ion:169 Resp: 160575

Ion Ratio Lower Upper

169 100

168 66.3 57.5 86.3

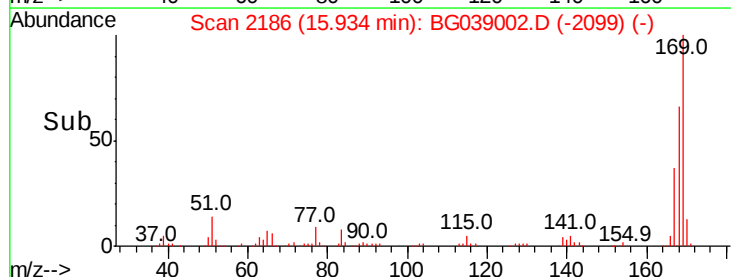
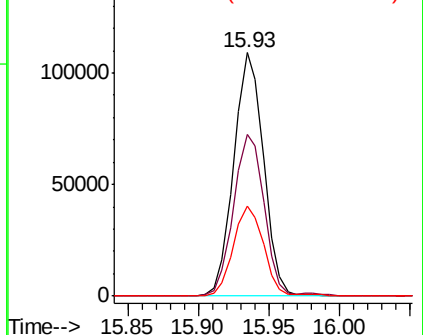
167 37.1 30.2 45.2



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

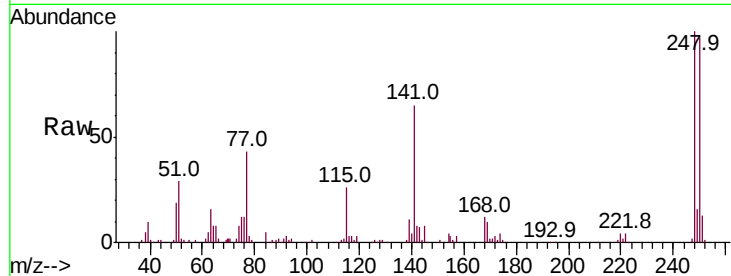




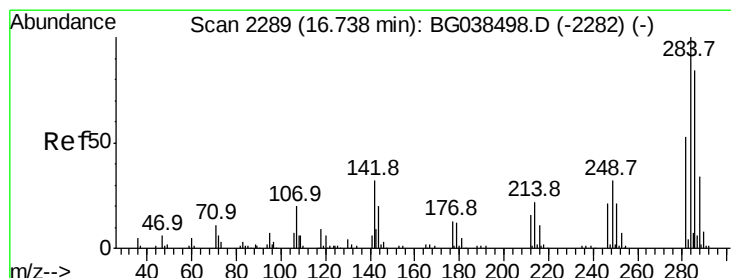
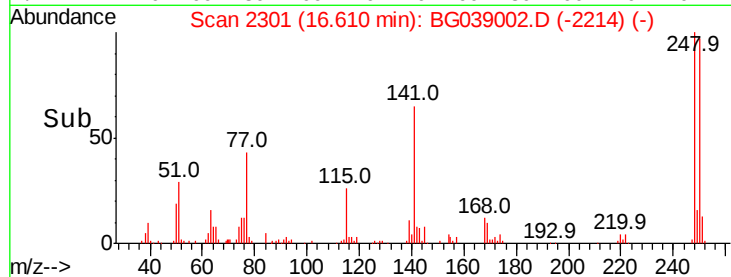
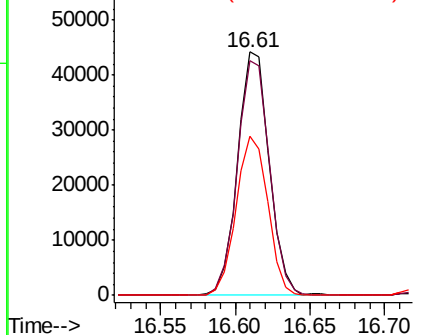
#67
 4-Bromophenyl-phenylether
 Concen: 28.384 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 64996
 Ion Ratio Lower Upper
 248 100
 250 96.5 73.4 110.2
 141 65.5 52.9 79.3

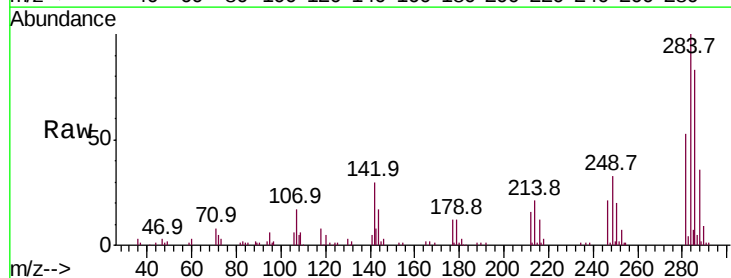


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

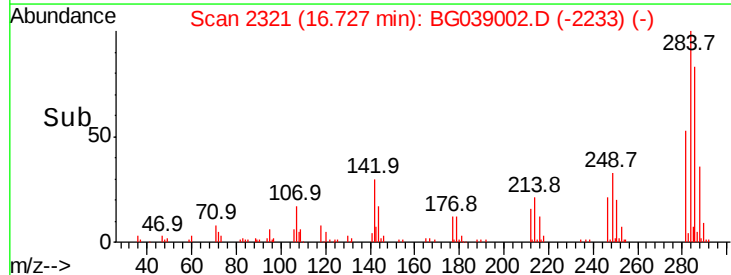
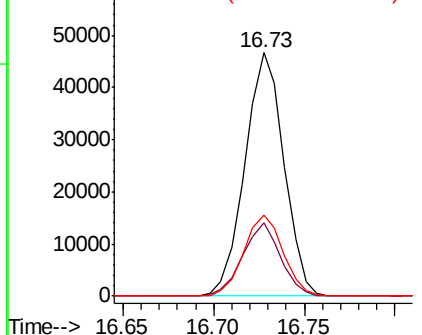


#68
 Hexachlorobenzene
 Concen: 29.388 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:284 Resp: 69758
 Ion Ratio Lower Upper
 284 100
 142 30.0 25.8 38.6
 249 35.8 27.0 40.4



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: 32.692 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

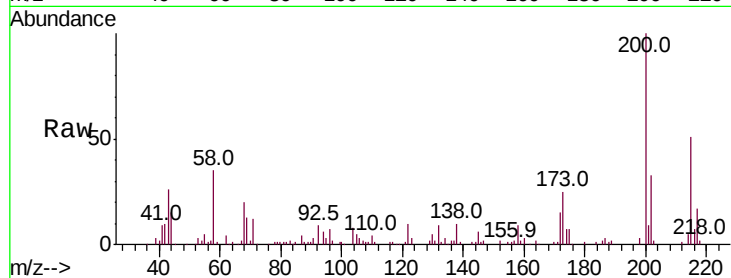
Tot Ion:200 Resp: 66838

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

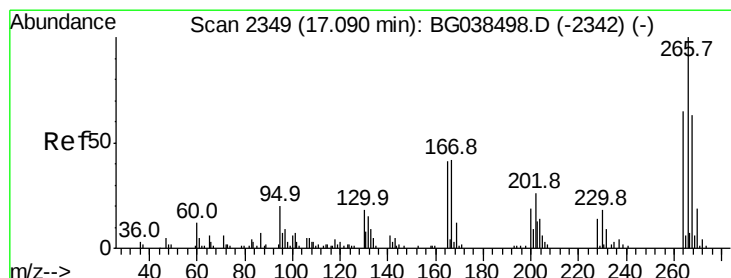
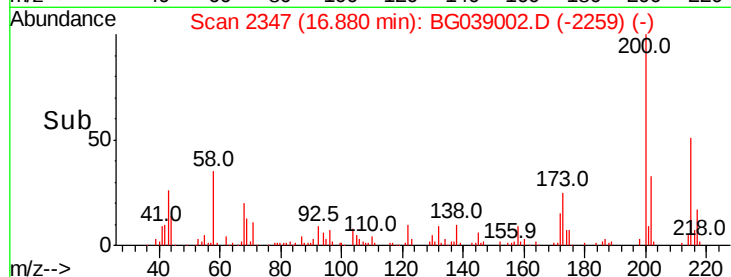
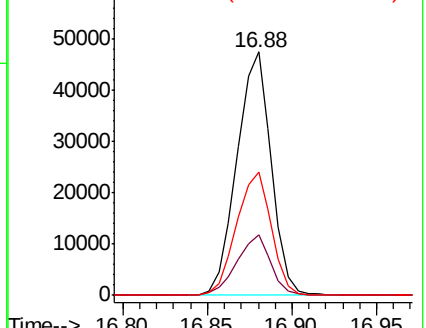
215 50.8 33.1 73.1



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: 53.409 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

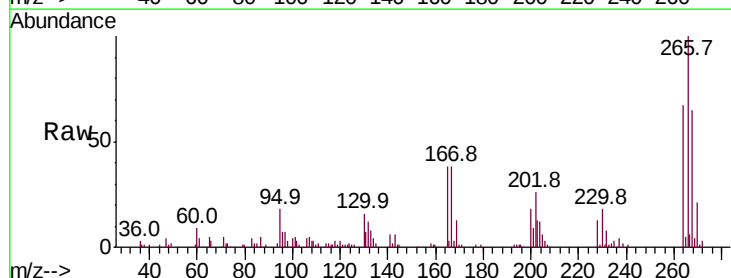
Tgt Ion:266 Resp: 74987

Ion Ratio Lower Upper

266 100

268 69.5 55.0 82.6

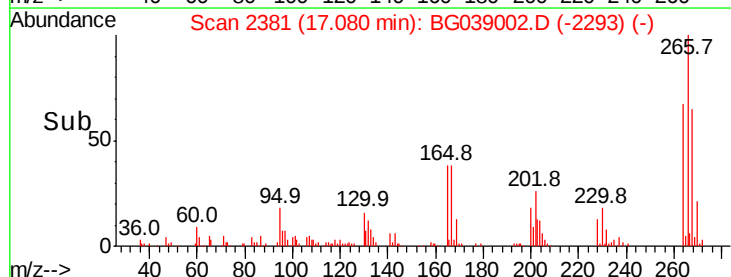
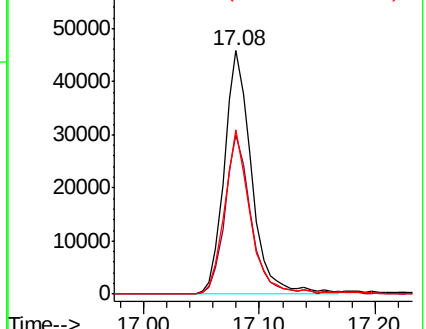
264 67.3 56.7 85.1

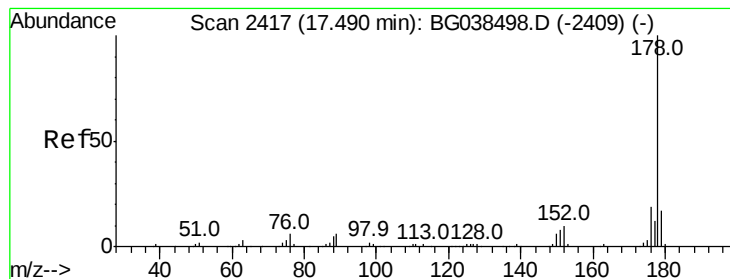


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 30.362 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampled :

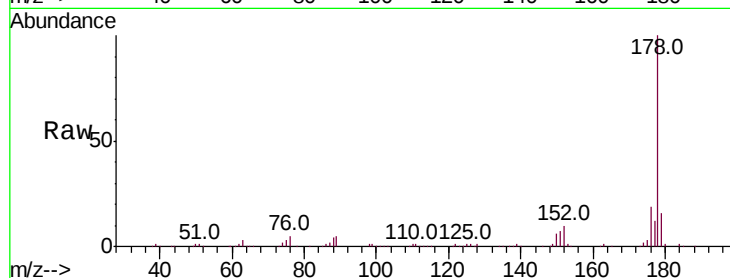
Tot Ion:178 Resp: 295203

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

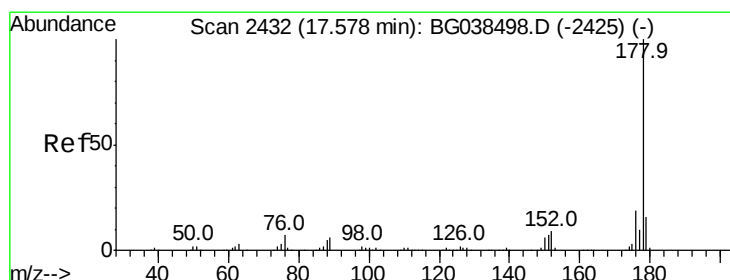
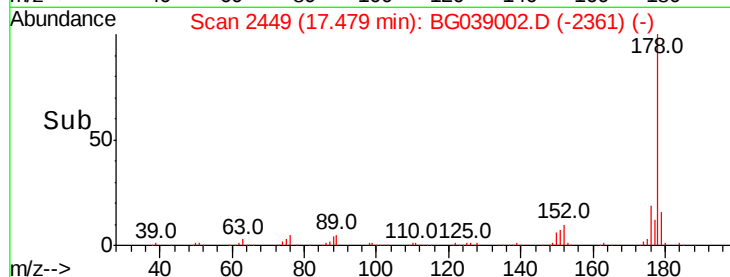
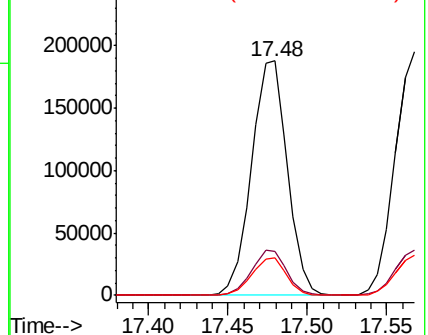
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 31.184 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

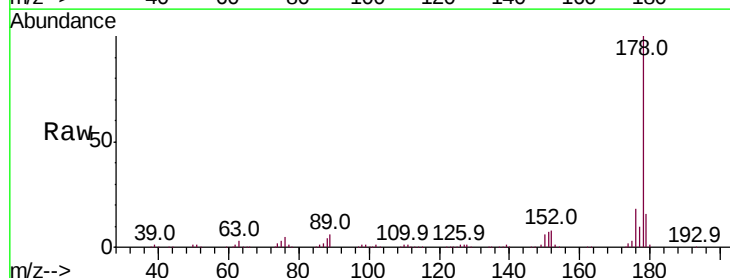
Tgt Ion:178 Resp: 299322

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

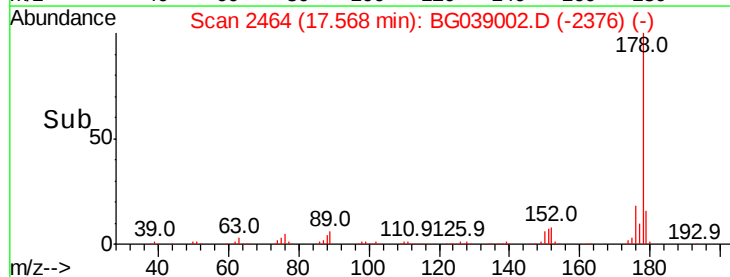
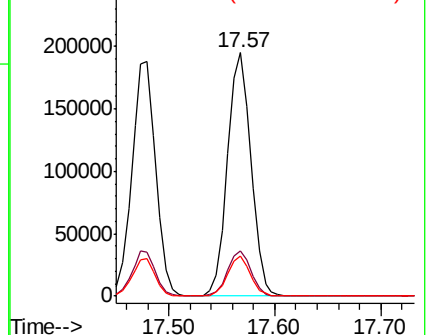
179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

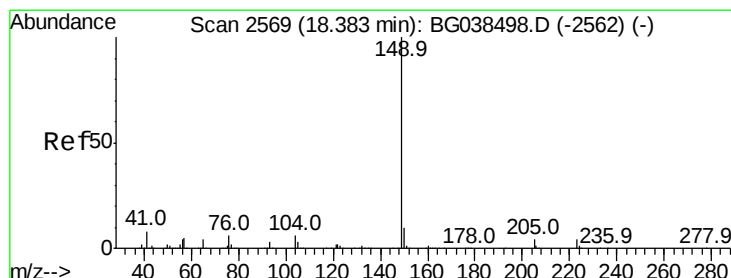
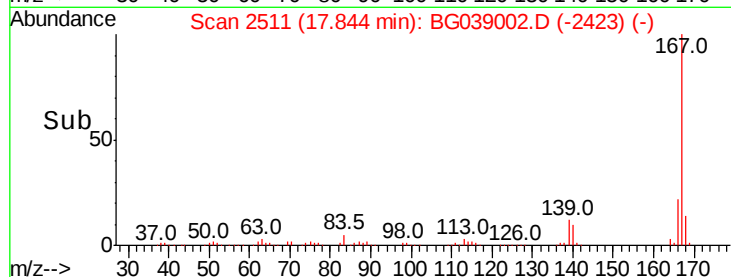
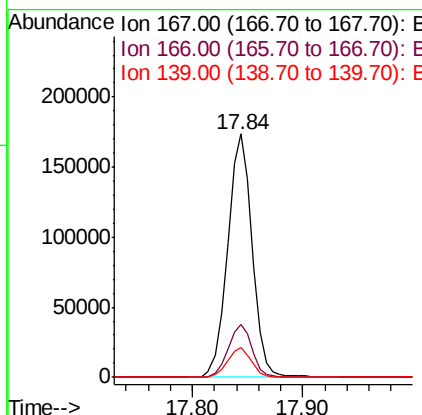
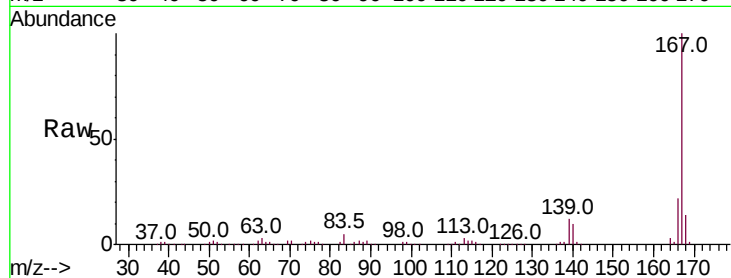




#73
 Carbazole
 Concen: 28.387 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

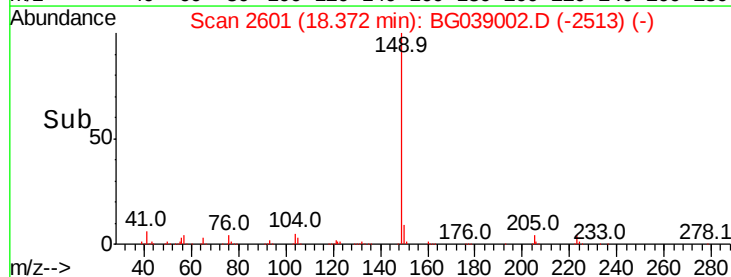
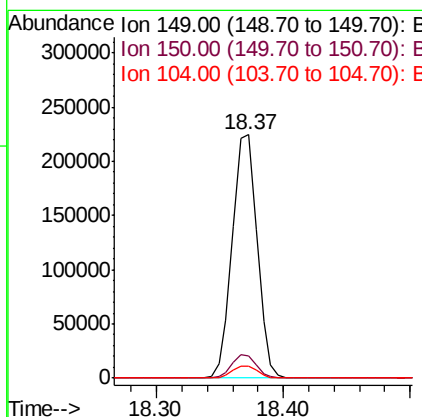
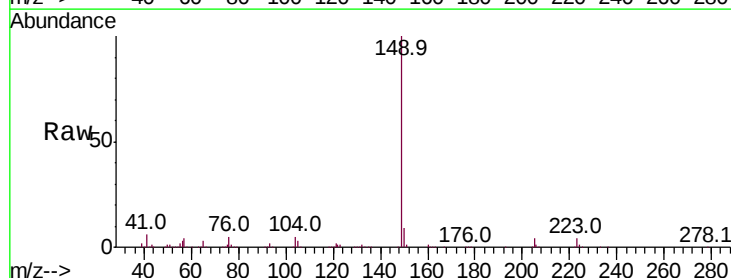
Instrument :
 BNA_G
 ClientSampleId :

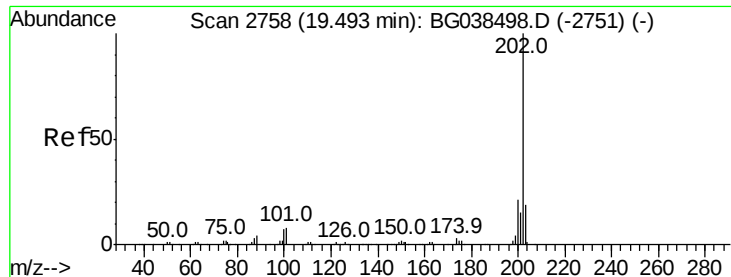
Tot Ion:167 Resp: 269474
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 12.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 27.939 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG039002.D
 Acq: 8 Jan 2019 20:31

Tgt Ion:149 Resp: 304325
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 4.8 5.0 7.4#





#75

Fluoranthene

Concen: 30.451 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

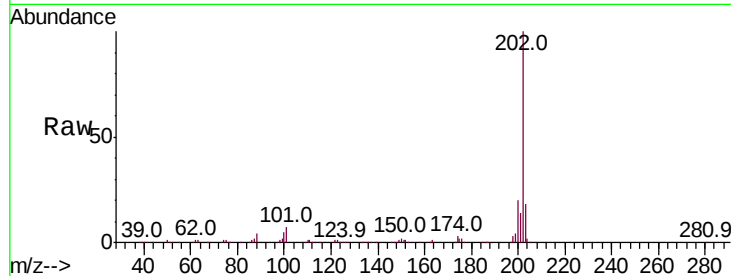
Tot Ion:202 Resp: 366329

Ion Ratio Lower Upper

202 100

101 6.5 0.0 28.1

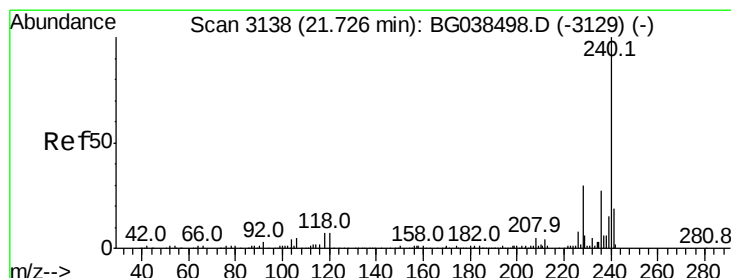
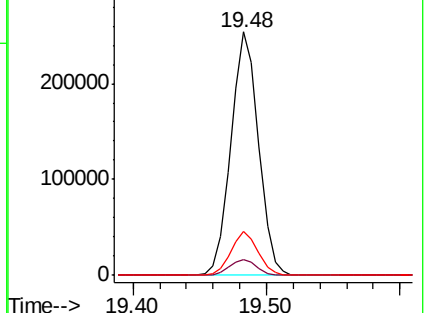
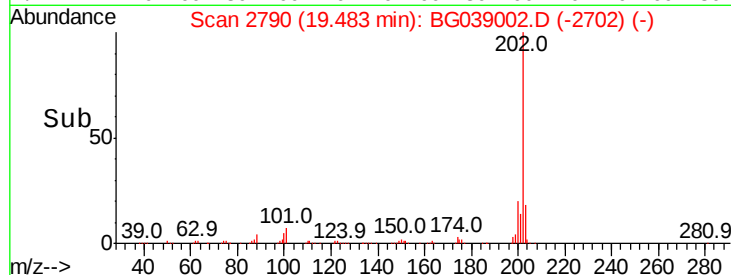
203 18.3 0.0 39.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

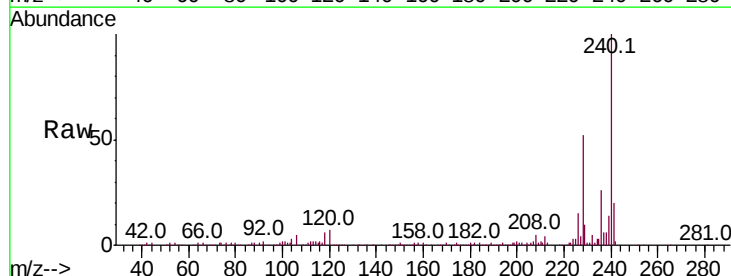
Tgt Ion:240 Resp: 192001

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

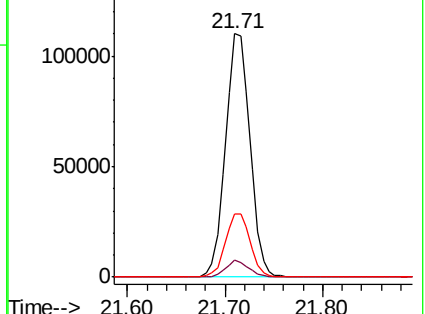
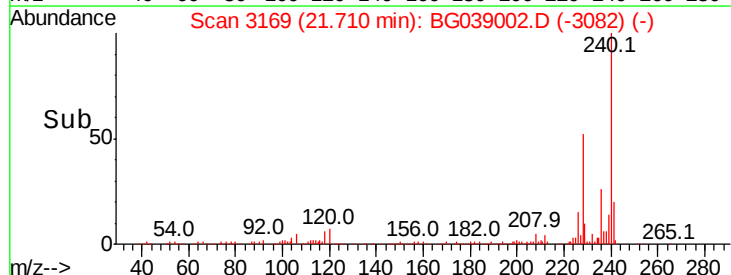
236 26.2 21.4 32.2

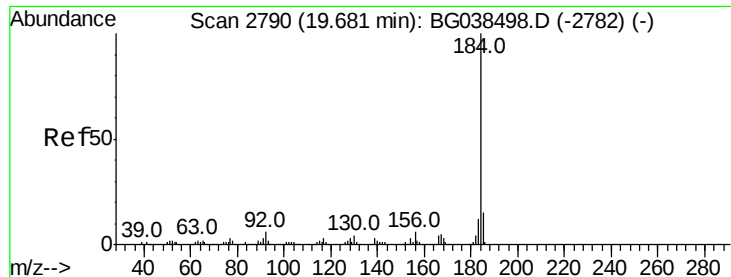


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.182 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

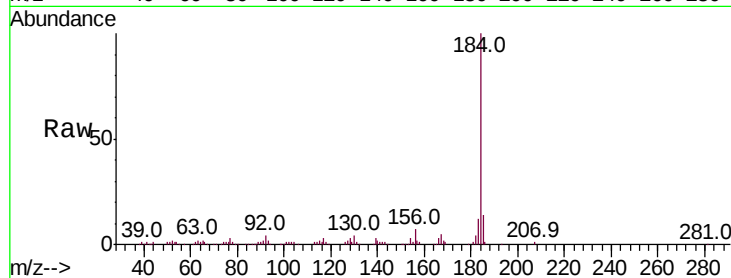
Tot Ion:184 Resp: 142992

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

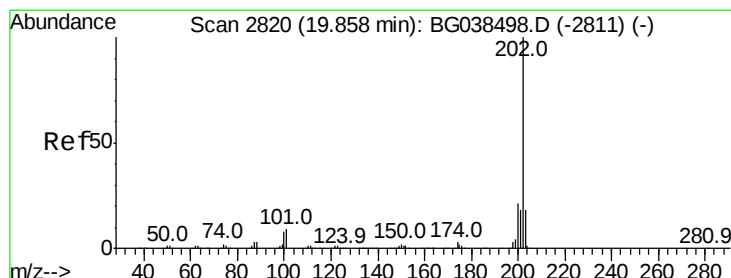
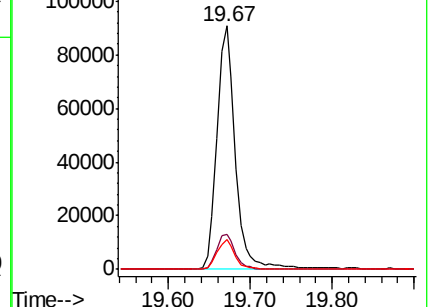
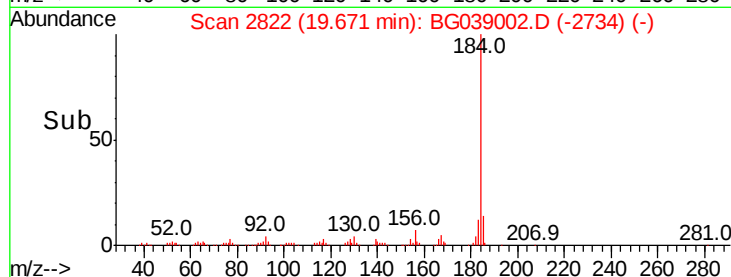
183 12.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 28.976 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

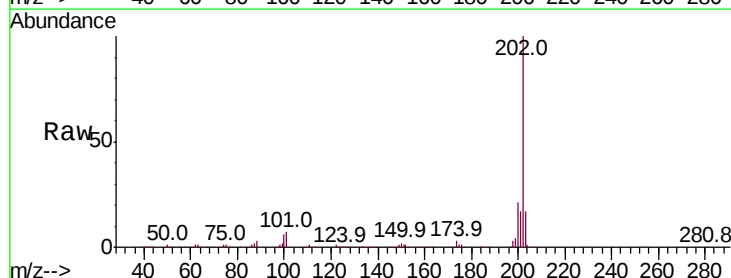
Tgt Ion:202 Resp: 367536

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

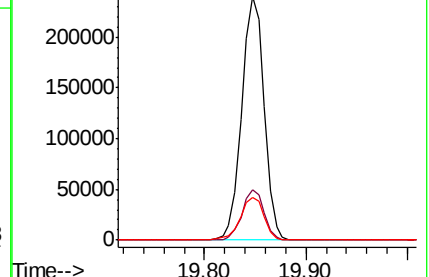
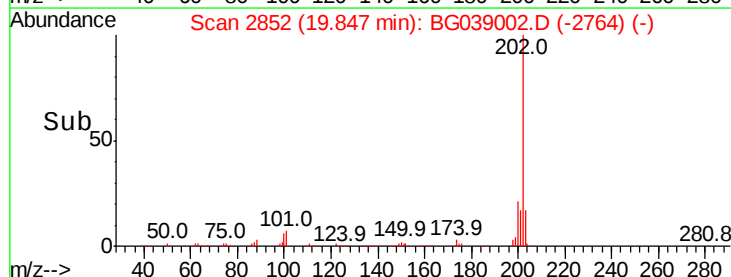
203 17.3 14.6 21.8

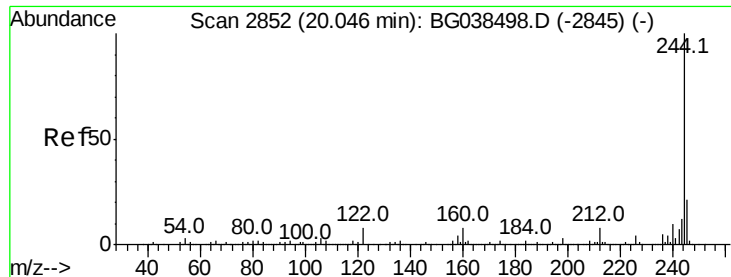


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.048 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

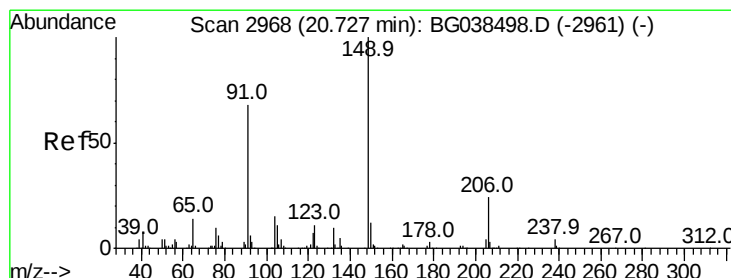
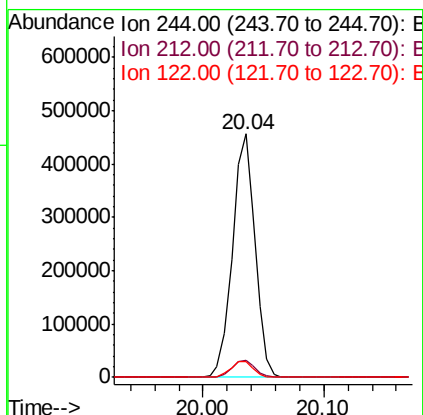
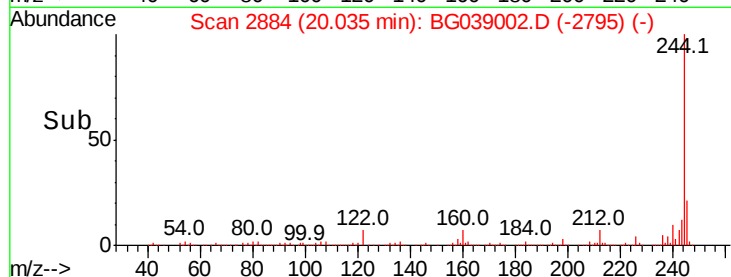
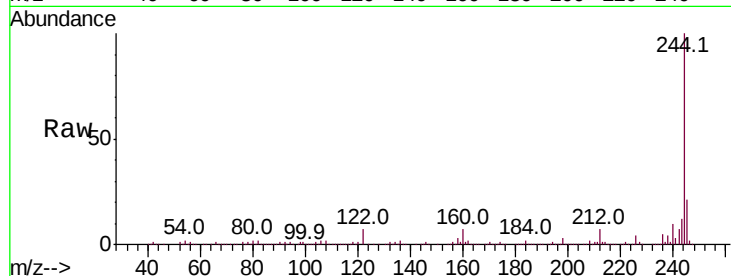
Tot Ion:244 Resp: 591509

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 6.7 6.3 9.5



#80

Butylbenzylphthalate

Concen: 27.255 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

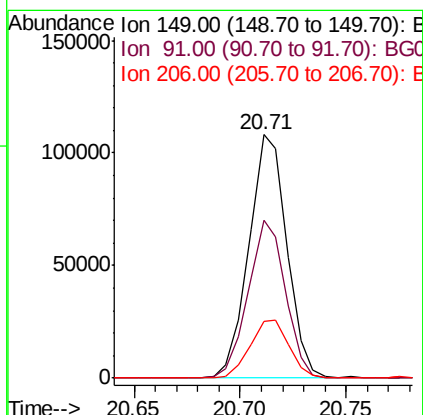
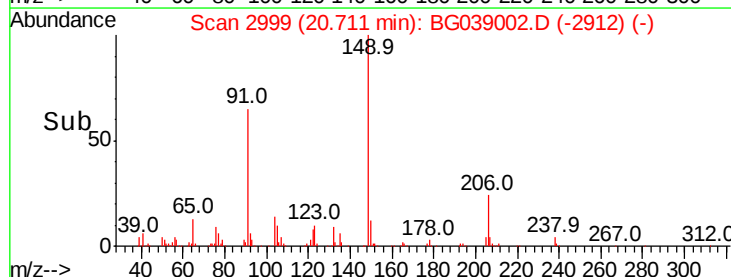
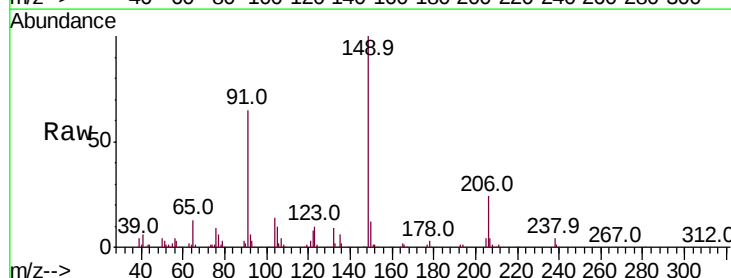
Tgt Ion:149 Resp: 135061

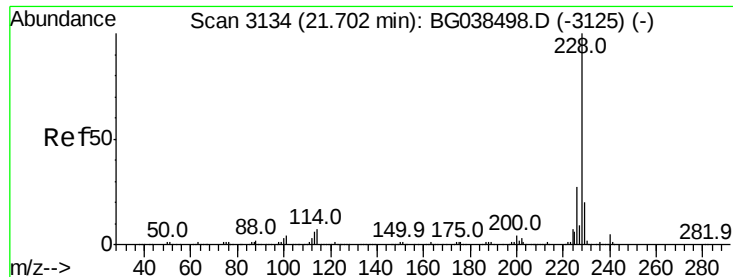
Ion Ratio Lower Upper

149 100

91 64.8 54.5 81.7

206 23.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 30.259 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

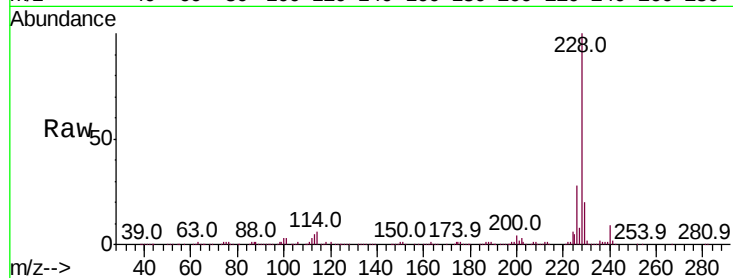
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 354020

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	19.6	15.8	23.6

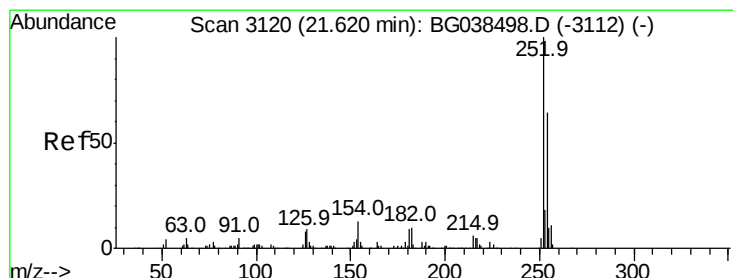
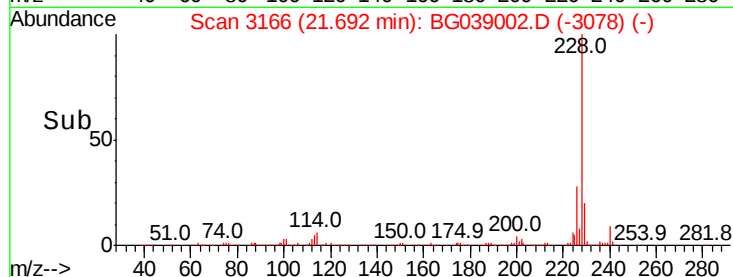
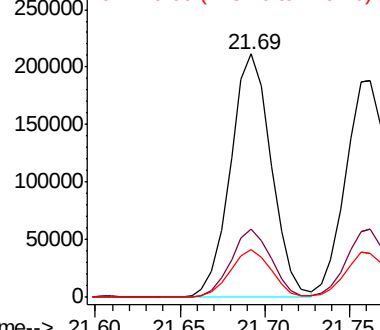


Abundance

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: 19.226 ng

RT: 21.61 min Scan# 3152

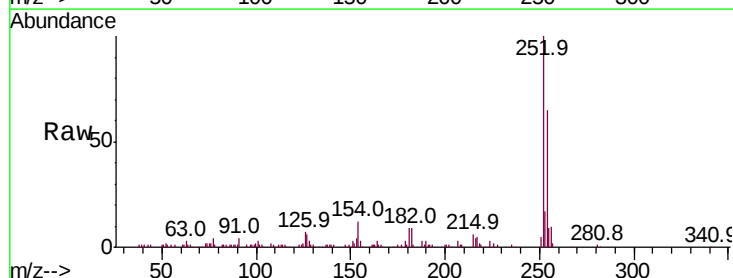
Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:252 Resp: 89210

Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.9	76.3
126	6.8	6.3	9.5

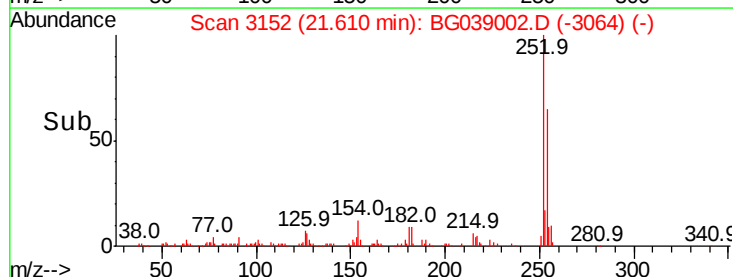
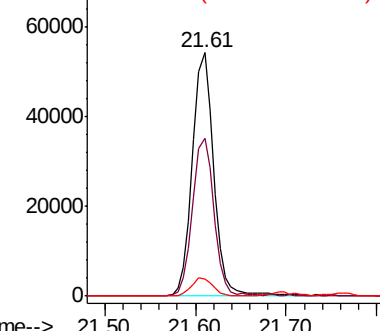


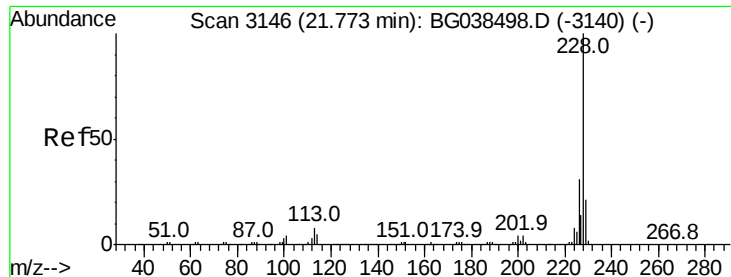
Abundance

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: 28.835 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

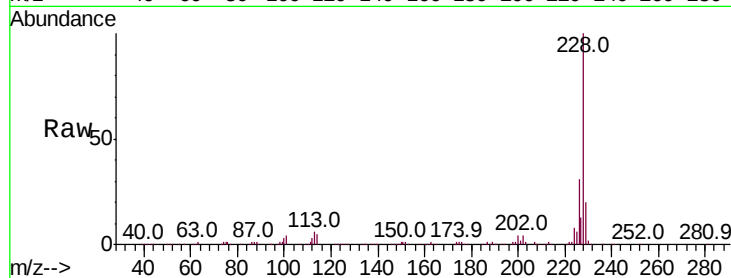
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 324939

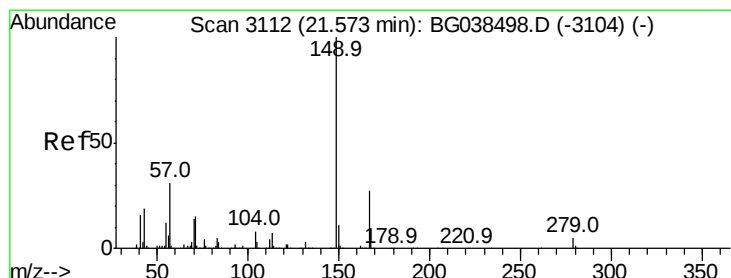
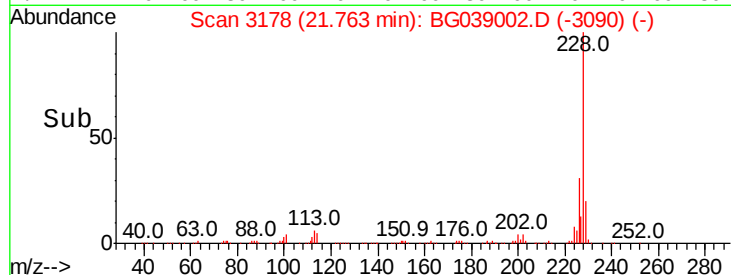
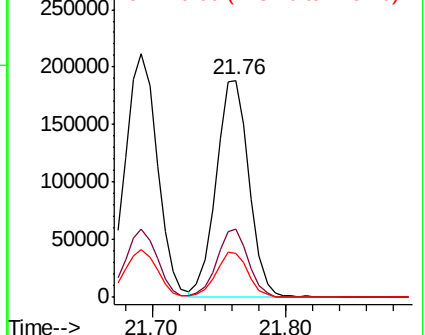
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.4
229	20.4	16.5	24.7



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: 27.413 ng

RT: 21.56 min Scan# 3143

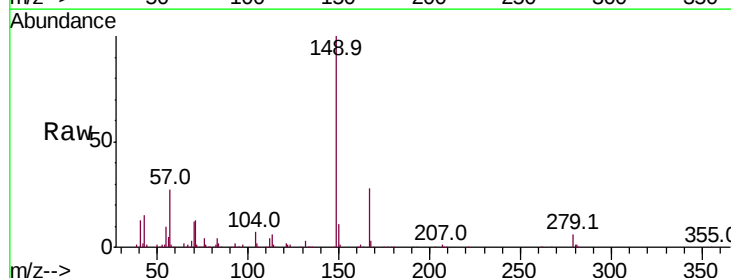
Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Tgt Ion:149 Resp: 192669

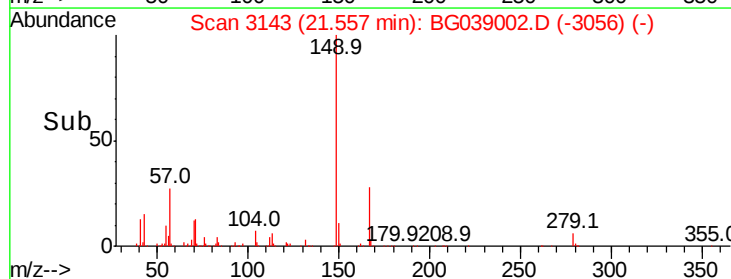
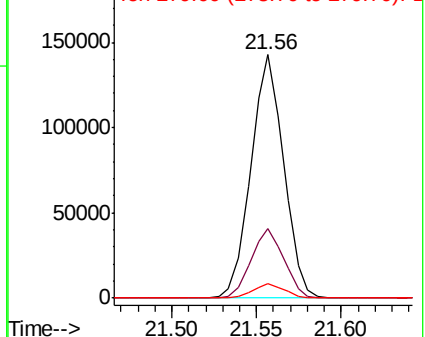
Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.9	32.9
279	5.7	4.2	6.2

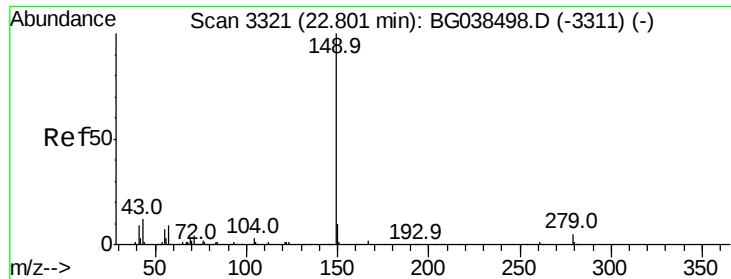


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

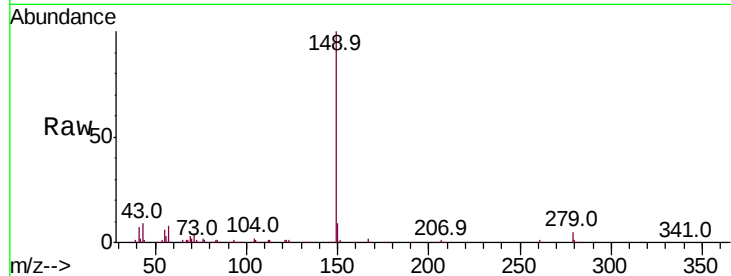




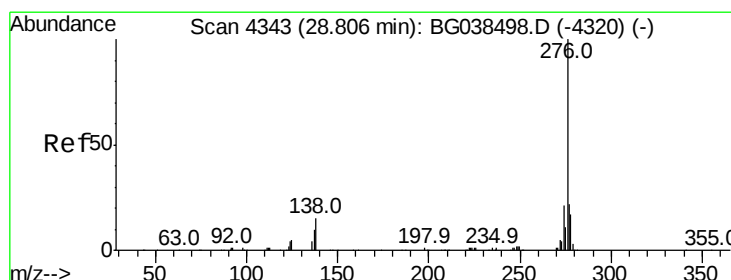
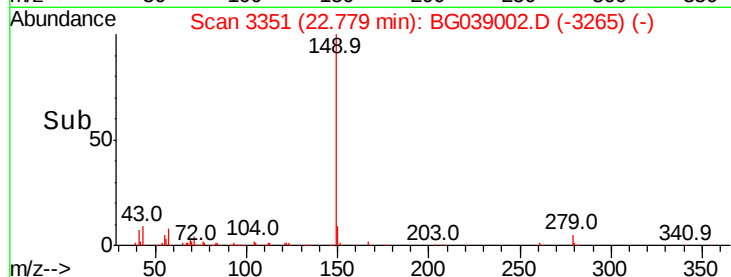
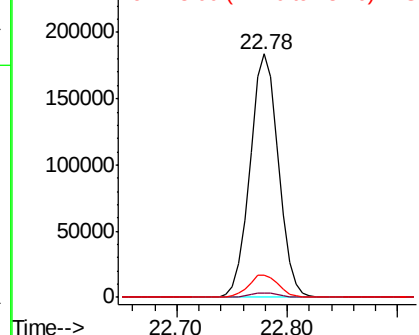
#85
Di-n-octyl phthalate
Concen: 28.211 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.3	9.3	13.9

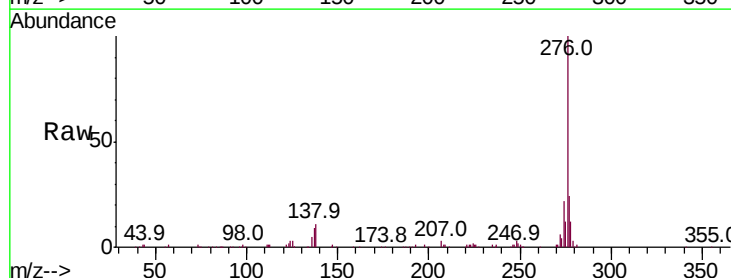


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

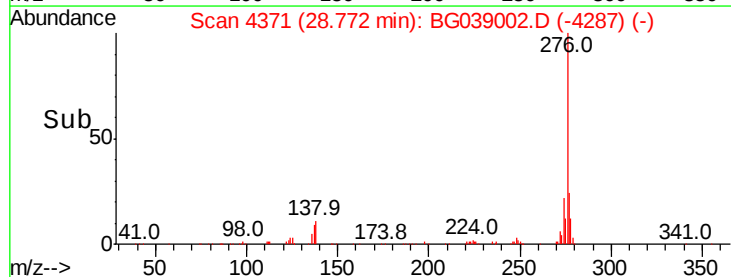
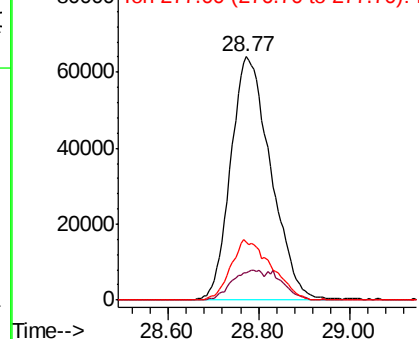


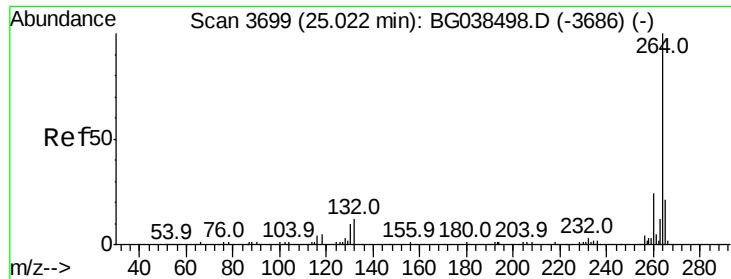
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.645 ng
RT: 28.77 min Scan# 4371
Delta R.T. -0.03 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.6	14.4	21.6#
277	25.2	0.0	0.0#



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



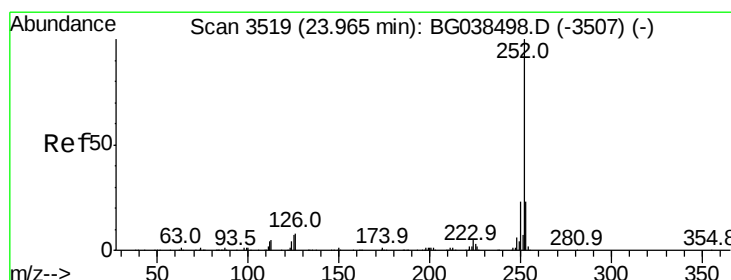
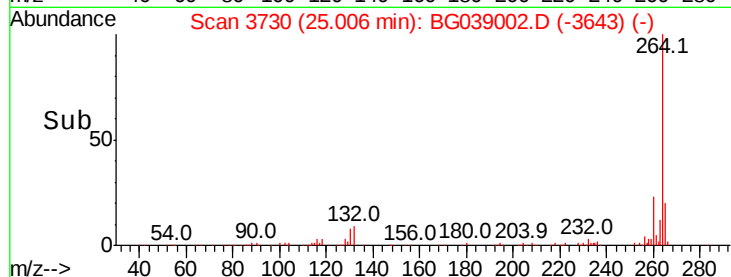
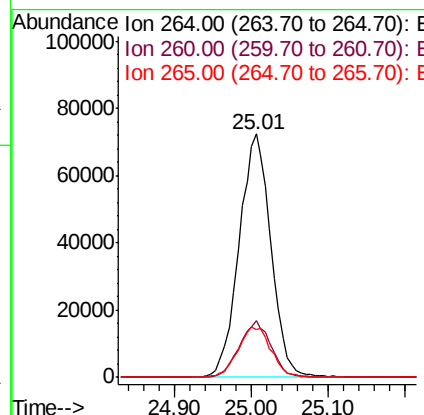
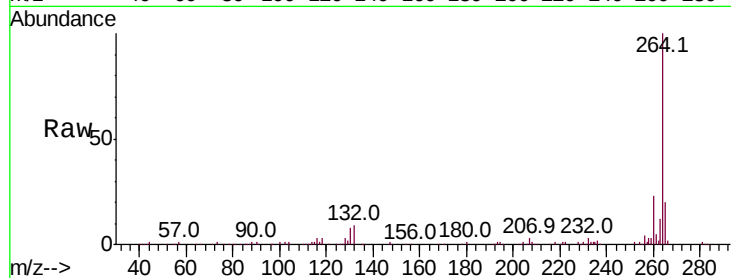


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 208849

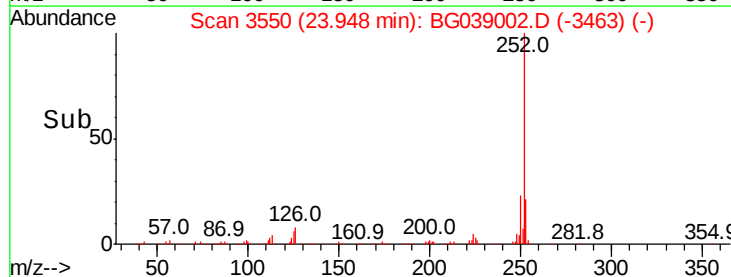
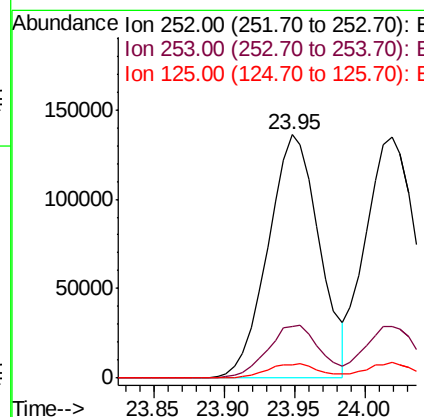
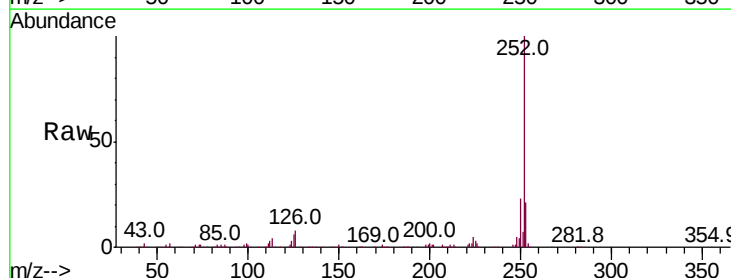
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	19.7	17.0	25.4

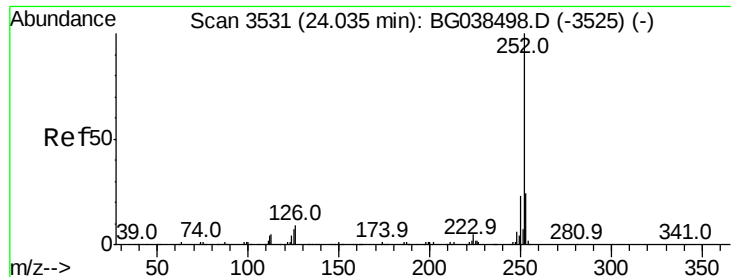


#88
Benzo(b)fluoranthene
Concen: 30.144 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion:252 Resp: 345652

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	5.5	5.5	8.3

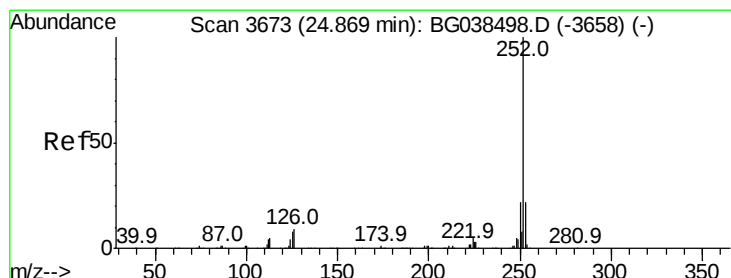
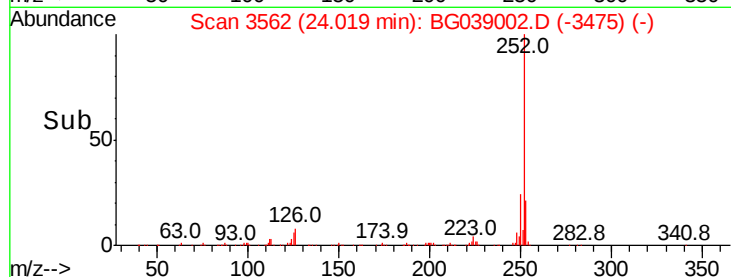
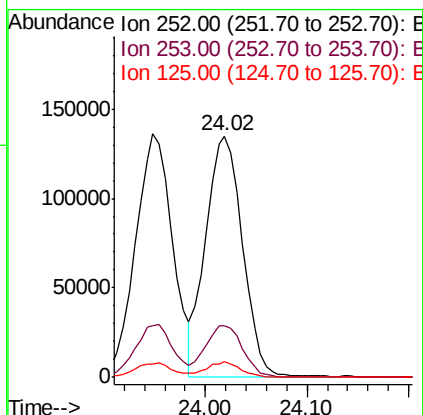
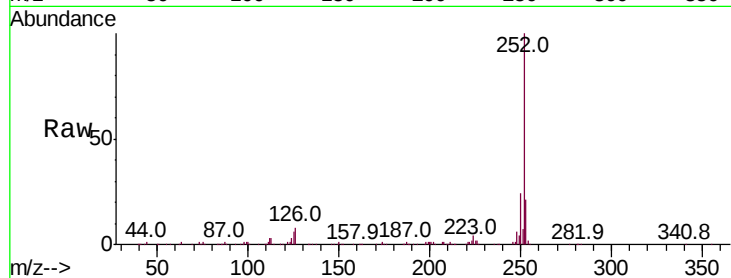




#89
Benzo(k)fluoranthene
Concen: 29.569 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

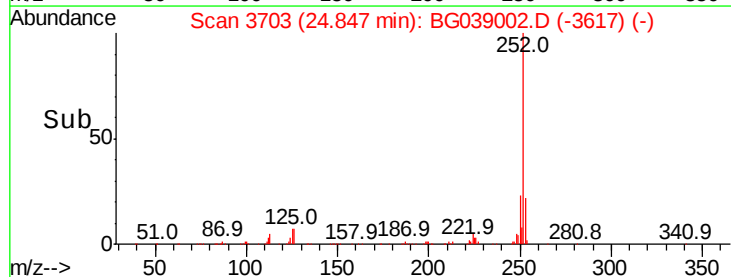
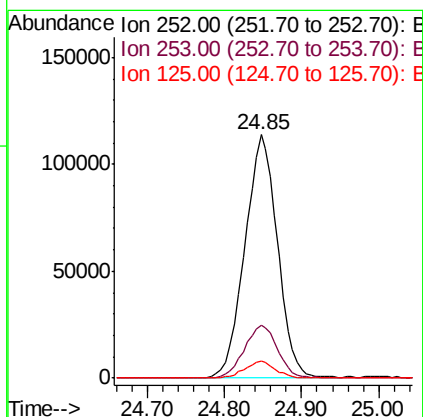
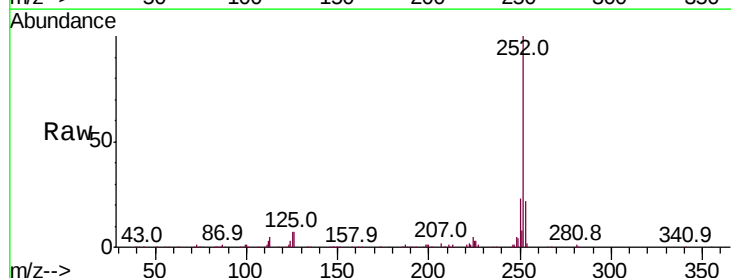
Instrument :
BNA_G
ClientSampleId :

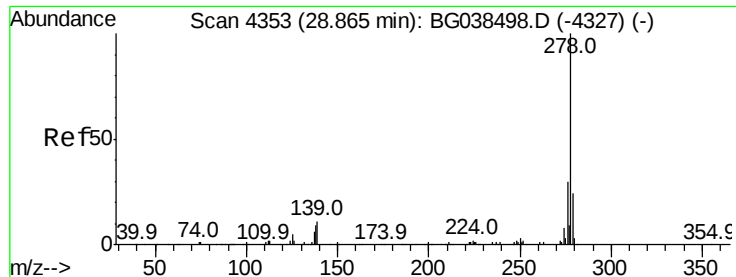
Tot Ion:252 Resp: 337632
Ion Ratio Lower Upper
252 100
253 21.5 18.9 28.3
125 6.3 5.4 8.2



#90
Benzo(a)pyrene
Concen: 30.452 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG039002.D
Acq: 8 Jan 2019 20:31

Tgt Ion:252 Resp: 336865
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 7.1 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 29.734 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

Instrument :

BNA_G

ClientSampleId :

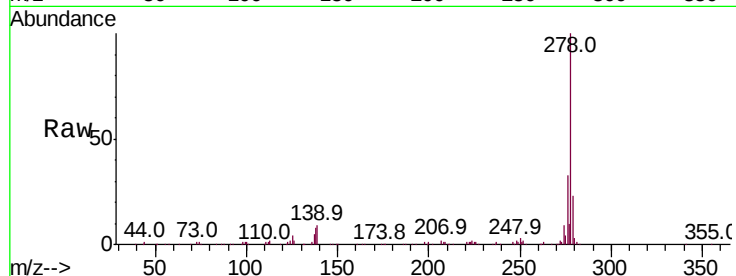
Tot Ion:278 Resp: 327508

Ion Ratio Lower Upper

278 100

139 8.7 8.6 12.8

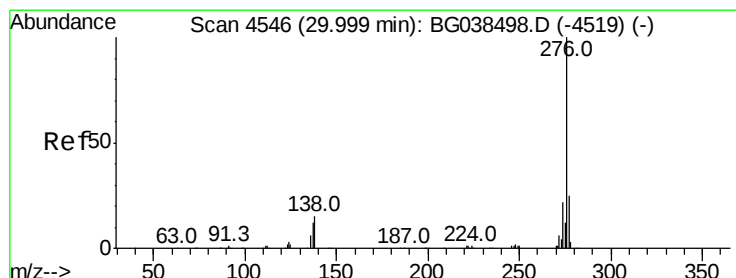
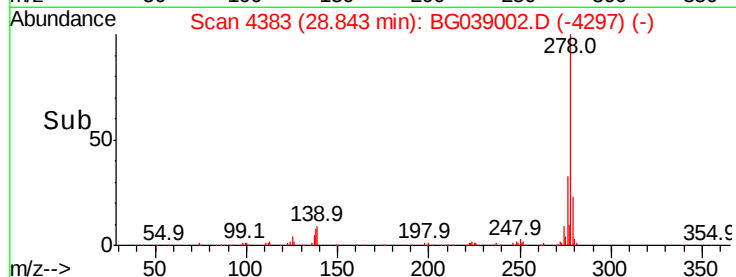
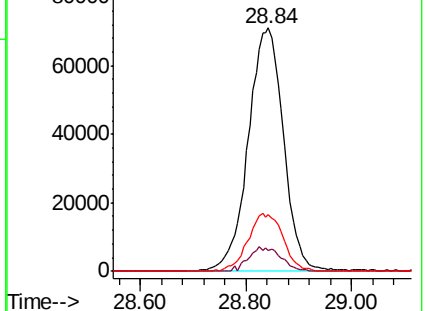
279 23.3 19.0 28.6



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: 29.696 ng

RT: 29.98 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG039002.D

Acq: 8 Jan 2019 20:31

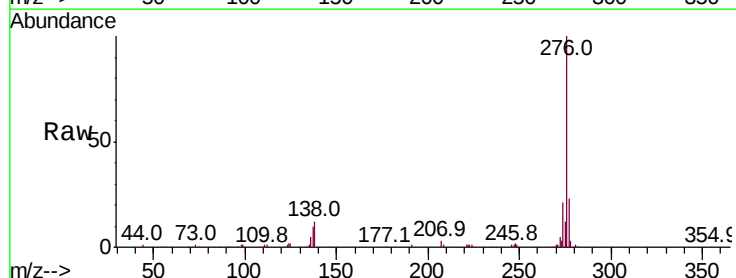
Tgt Ion:276 Resp: 322347

Ion Ratio Lower Upper

276 100

277 23.2 19.8 29.8

138 12.3 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

