

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041069.D
 Acq On : 5 Jun 2019 12:22
 Operator : HP/JU
 Sample : PB120267BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Quant Time: Jun 06 04:20:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44351	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	161648	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	111313	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	285193	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	297092	20.00	ng	-0.02
87) Perylene-d12	25.10	264	329041	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	335089	136.24	ng	0.00
7) Phenol-d6	7.26	99	461372	121.46	ng	0.00
23) Nitrobenzene-d5	9.29	82	309396	84.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	226898	137.30	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	672358	86.99	ng	-0.02
79) Terphenyl-d14	20.08	244	1220755	87.21	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	47336	42.412	ng	94
3) Pyridine	3.92	79	127408	38.579	ng	99
4) n-Nitrosodimethylamine	3.84	42	70462	45.972	ng	87
6) Aniline	7.44	93	129114	25.465	ng	96
8) 2-Chlorophenol	7.67	128	123648	42.168	ng	95
9) Benzaldehyde	7.25	77	46666	20.595	ng	88
10) Phenol	7.29	94	167893	41.223	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	117477	39.761	ng	97
12) 1,3-Dichlorobenzene	8.00	146	145750	41.617	ng	99
13) 1,4-Dichlorobenzene	8.15	146	143916	40.597	ng	97
14) 1,2-Dichlorobenzene	8.47	146	133800	38.873	ng	98
15) Benzyl Alcohol	8.35	79	139655	39.745	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	180350	37.355	ng	95
17) 2-Methylphenol	8.55	107	115734	39.247	ng	98
18) Hexachloroethane	9.20	117	55510	40.628	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	107505	36.777	ng	97
20) 3+4-Methylphenols	8.87	107	155538	38.078	ng	97
22) Acetophenone	8.95	105	206562	45.553	ng	# 95
24) Nitrobenzene	9.33	77	166168	44.780	ng	99
25) Isophorone	9.84	82	299875	43.275	ng	99
26) 2-Nitrophenol	10.04	139	71763	46.911	ng	90
27) 2,4-Dimethylphenol	10.08	122	123178	48.755	ng	94
28) bis(2-Chloroethoxy)methane	10.33	93	156475	41.838	ng	99
29) 2,4-Dichlorophenol	10.57	162	138260	43.094	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	156999	43.016	ng	99
31) Naphthalene	10.98	128	381766	43.987	ng	98
32) Benzoic acid	10.21	122	54636	31.231	ng	95
33) 4-Chloroaniline	11.10	127	96206	23.890	ng	95
34) Hexachlorobutadiene	11.25	225	115272	41.277	ng	98
35) Caprolactam	11.88	113	43502	41.060	ng	96
36) 4-Chloro-3-methylphenol	12.20	107	153983	42.025	ng	96
37) 2-Methylnaphthalene	12.58	142	276698	41.394	ng	99
38) 1-Methylnaphthalene	12.80	142	265553	42.158	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	199385	44.441	ng	# 98

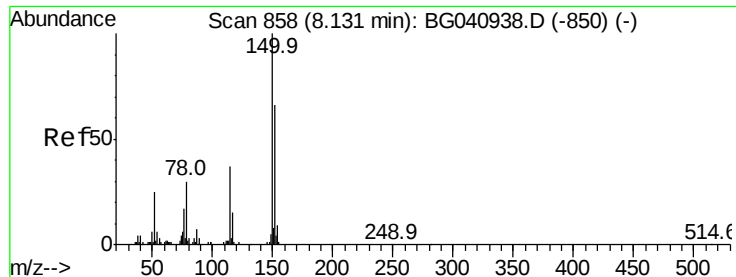
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	264338	106.558	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	130477	44.955	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	137781	45.012	nq	98
46) 1,1'-Biphenyl	13.58	154	367024	44.544	nq	100
47) 2-Chloronaphthalene	13.63	162	307494	43.471	nq	98
48) 2-Nitroaniline	13.83	65	111252	43.841	nq	96
49) Acenaphthylene	14.47	152	478112	44.909	nq	99
50) Dimethylphthalate	14.19	163	406438	43.134	nq	97
51) 2,6-Dinitrotoluene	14.32	165	89793	44.198	nq	98
52) Acenaphthene	14.81	154	275587	42.731	nq	96
53) 3-Nitroaniline	14.66	138	59699	29.386	nq	93
54) 2,4-Dinitrophenol	14.86	184	87940	82.115	nq	96
55) Dibenzofuran	15.14	168	482637	44.474	nq	99
56) 4-Nitrophenol	14.95	139	139258	99.937	nq	95
57) 2,4-Dinitrotoluene	15.10	165	128821	44.888	nq	98
58) Fluorene	15.78	166	375395	43.436	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	142913	47.509	nq	99
60) Diethylphthalate	15.54	149	404020	42.015	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	234965	41.828	nq	96
62) 4-Nitroaniline	15.82	138	92555	43.034	nq	97
63) Azobenzene	16.07	77	381388	43.637	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	72966	47.791	nq	97
66) n-Nitrosodiphenylamine	15.99	169	347753	43.376	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	153111	39.782	nq	98
68) Hexachlorobenzene	16.78	284	162514	39.653	nq	99
69) Atrazine	16.93	200	148411	47.976	nq	96
70) Pentachlorophenol	17.13	266	195558	88.590	nq	97
71) Phenanthrene	17.53	178	652874	43.949	nq	100
72) Anthracene	17.62	178	680087	46.418	nq	98
73) Carbazole	17.89	167	589278	46.874	nq	99
74) Di-n-butylphthalate	18.42	149	687088	43.974	nq	99
75) Fluoranthene	19.53	202	868920	47.356	nq	99
77) Benzidine	19.71	184	323448	45.638	nq	98
78) Pyrene	19.90	202	866446	44.863	nq	99
80) Butylbenzylphthalate	20.76	149	322477	42.907	nq	98
81) Benzo(a)anthracene	21.75	228	847457	42.852	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	203475	29.253	nq	97
83) Chrysene	21.81	228	840101	44.391	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	451007	42.628	nq	97
85) Di-n-octyl phthalate	22.86	149	794986	45.117	nq	100
86) Indeno(1,2,3-cd)pyrene	28.93	276	1023064	44.130	nq	# 98
88) Benzo(b)fluoranthene	24.03	252	889389	44.564	nq	100
89) Benzo(k)fluoranthene	24.10	252	844614	42.767	nq	99
90) Benzo(a)pyrene	24.94	252	854648	44.885	nq	97
91) Dibenzo(a,h)anthracene	28.99	278	844547	44.389	nq	99
92) Benzo(g,h,i)perylene	30.14	276	852167	46.103	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.02 min

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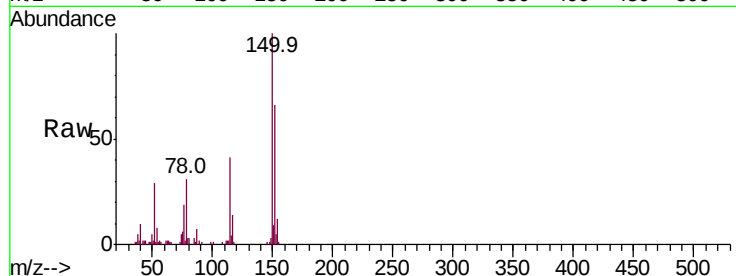
Tot Ion:152 Resp: 44351

Ion Ratio Lower Upper

152 100

150 151.2 120.6 180.8

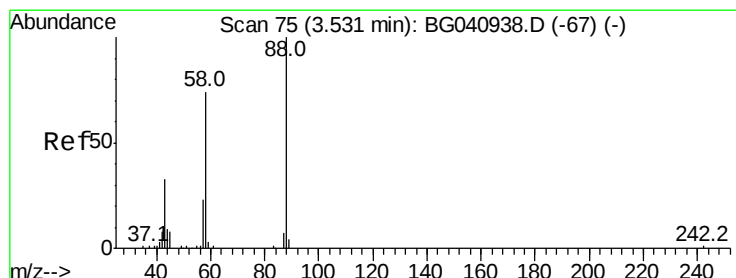
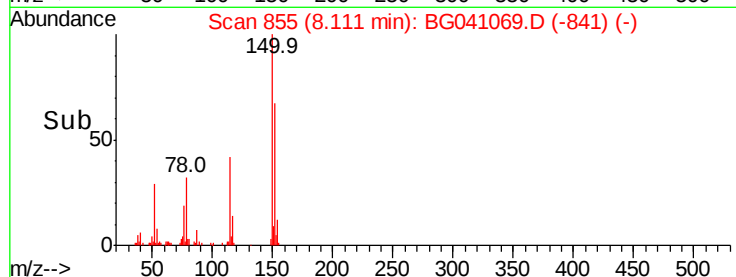
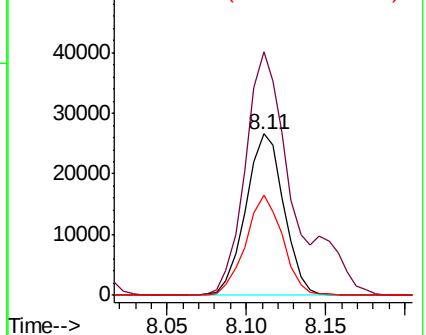
115 62.5 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.412 ng

RT: 3.50 min Scan# 71

Delta R.T. -0.03 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

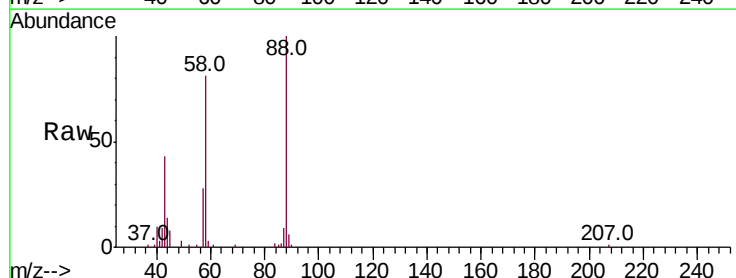
Tgt Ion: 88 Resp: 47336

Ion Ratio Lower Upper

88 100

58 79.3 59.0 88.6

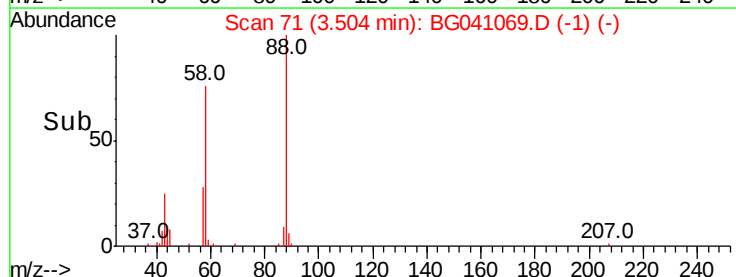
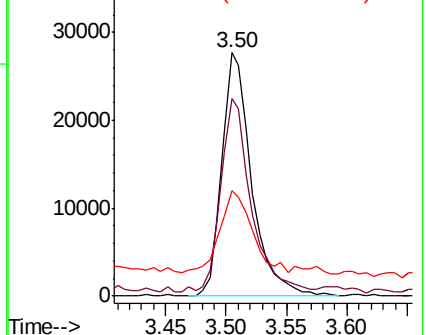
43 36.2 27.2 40.8

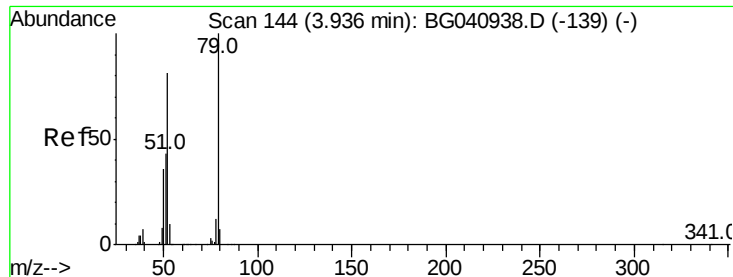


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.579 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

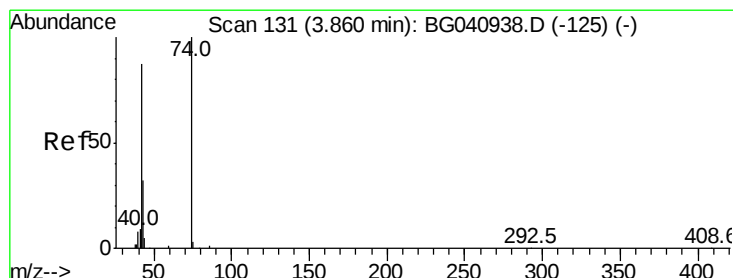
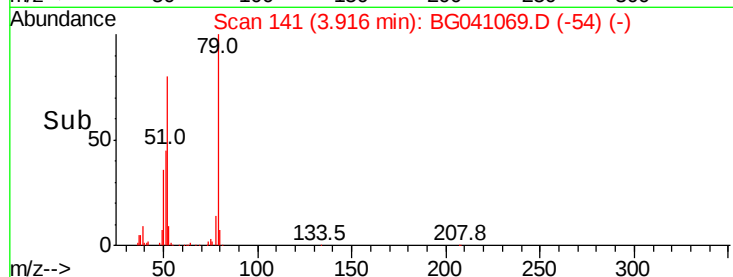
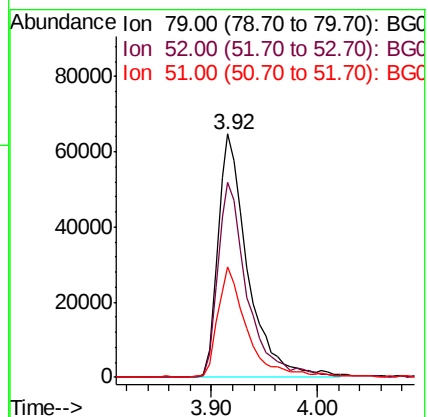
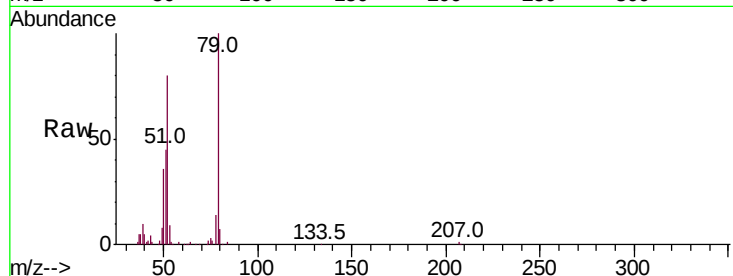
Tot Ion: 79 Resp: 127408

Ion Ratio Lower Upper

79 100

52 80.2 64.8 97.2

51 45.3 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 45.972 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

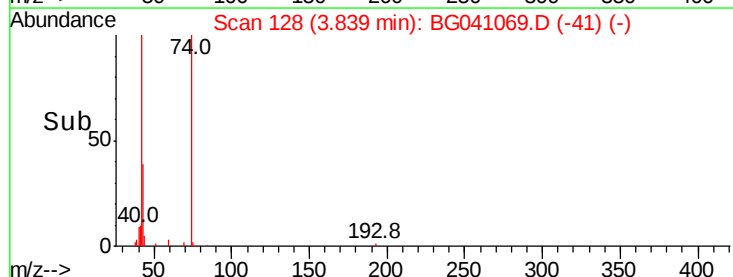
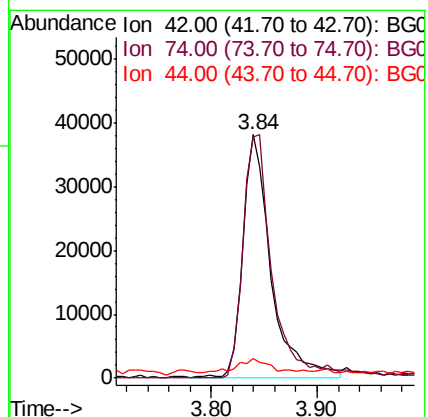
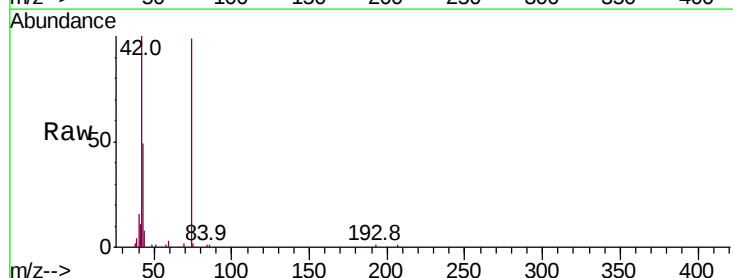
Tgt Ion: 42 Resp: 70462

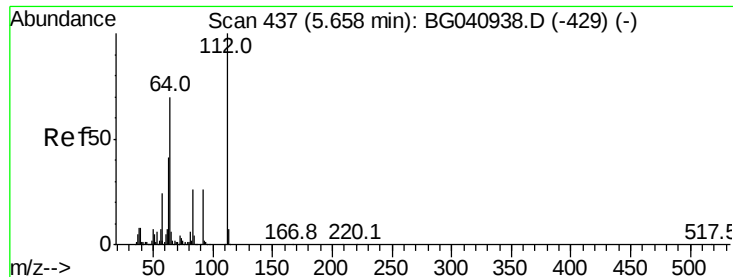
Ion Ratio Lower Upper

42 100

74 99.3 91.8 137.6

44 8.0 6.0 9.0





#5

2-Fluorophenol

Concen: 136.240 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

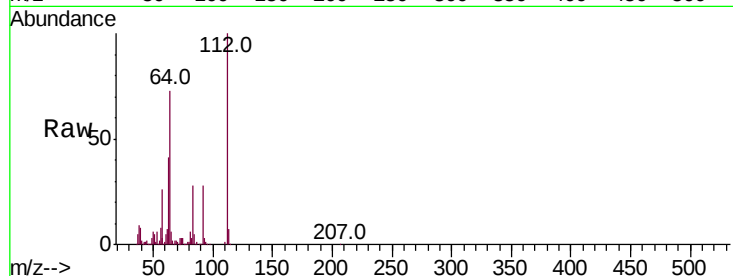
Tot Ion:112 Resp: 335089

Ion Ratio Lower Upper

112 100

64 72.6 56.2 84.2

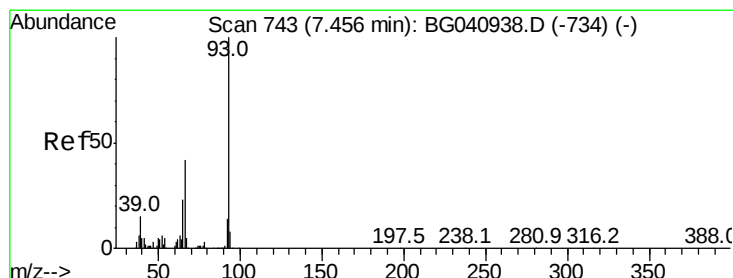
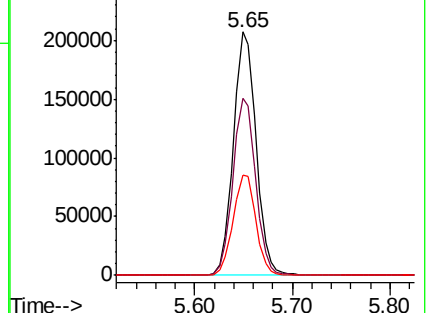
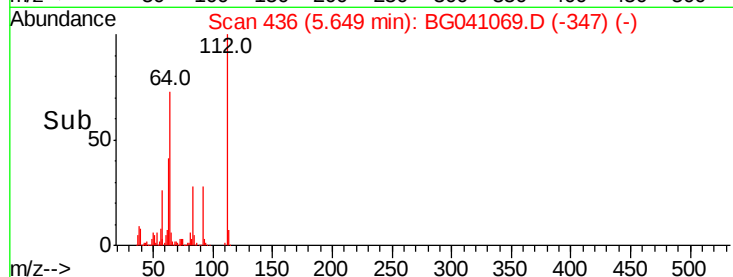
63 41.3 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.465 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

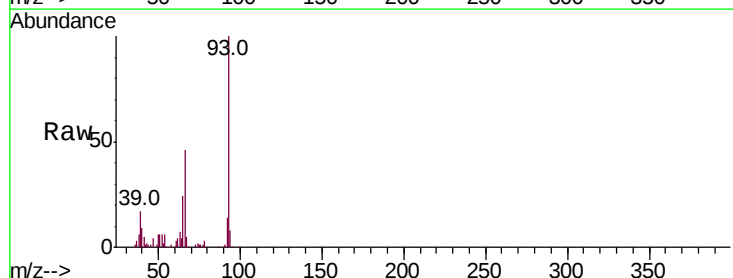
Tgt Ion: 93 Resp: 129114

Ion Ratio Lower Upper

93 100

66 45.7 33.8 50.8

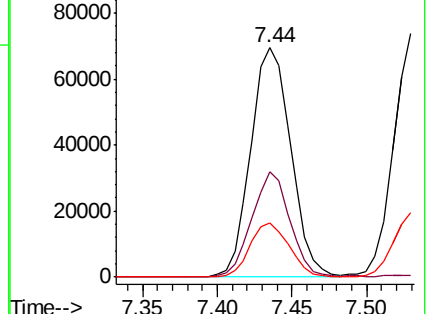
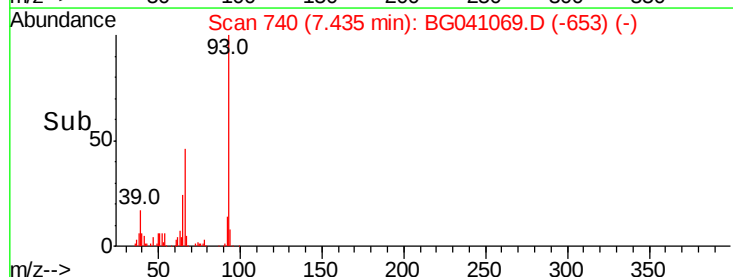
65 23.6 18.3 27.5

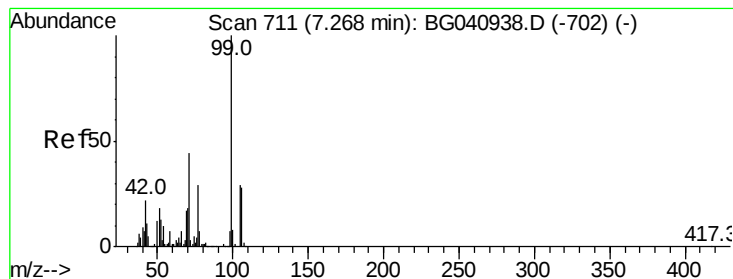


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.461 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

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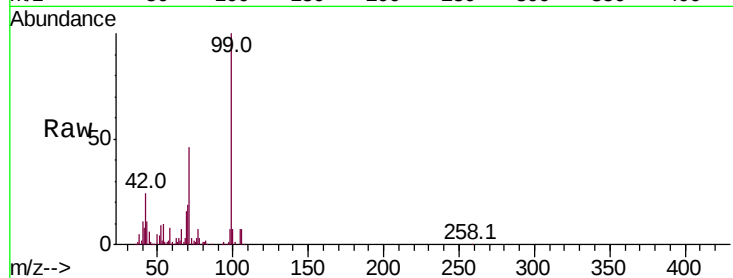
Tot Ion: 99 Resp: 461372

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

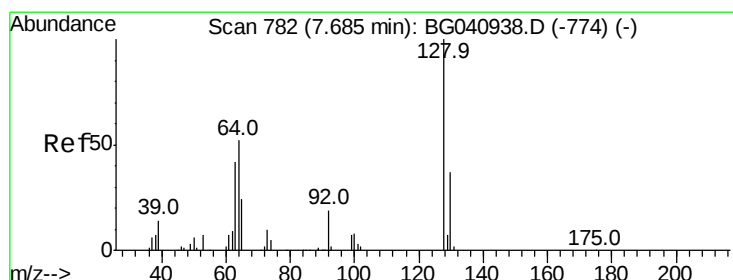
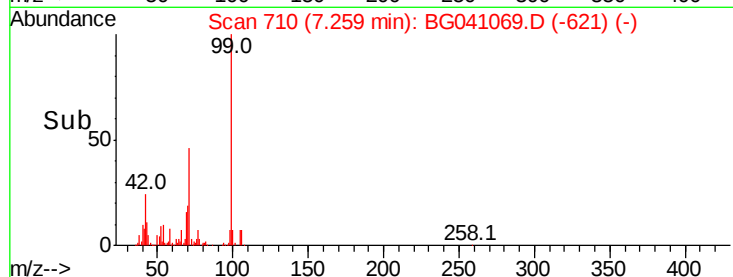
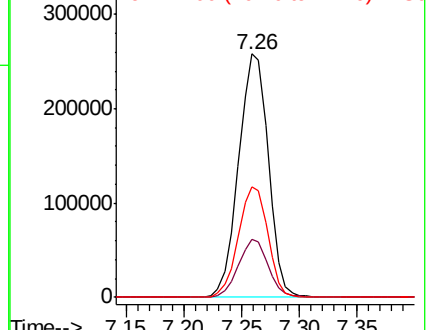
71 45.6 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.168 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

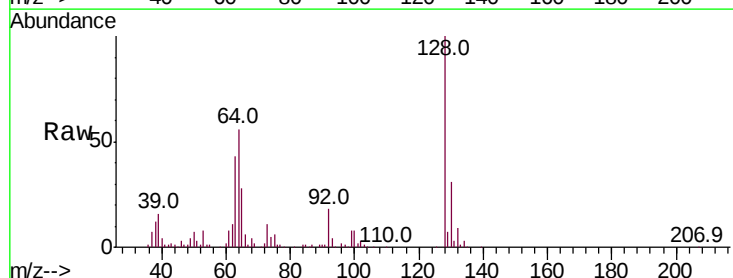
Tgt Ion:128 Resp: 123648

Ion Ratio Lower Upper

128 100

130 31.1 16.6 56.6

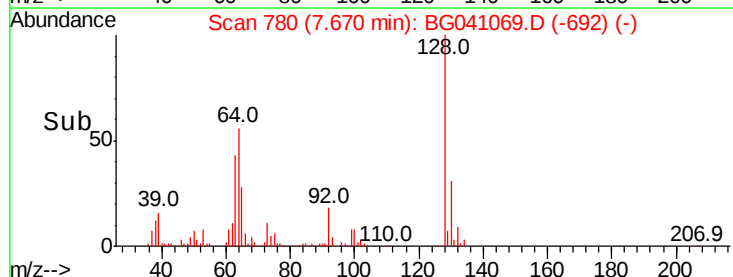
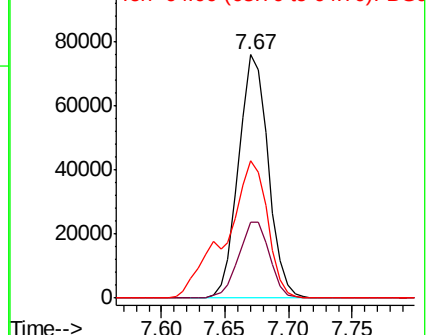
64 56.3 37.8 77.8

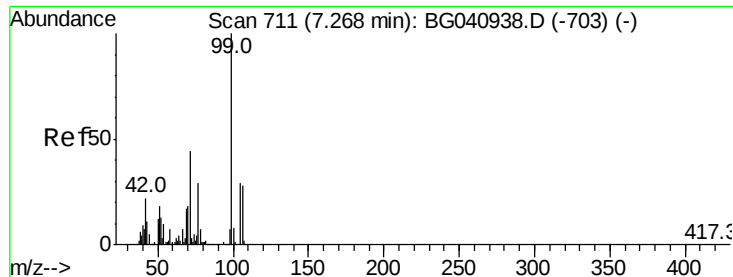


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.595 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

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ClientSampleId :

PB120267BS

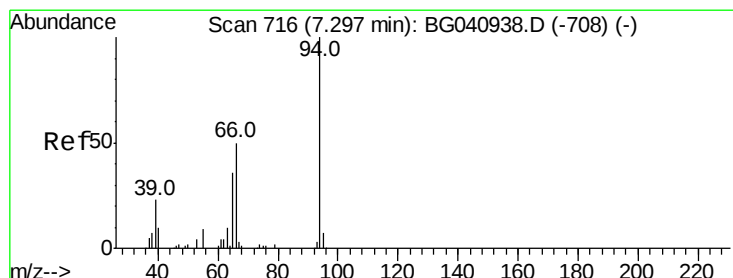
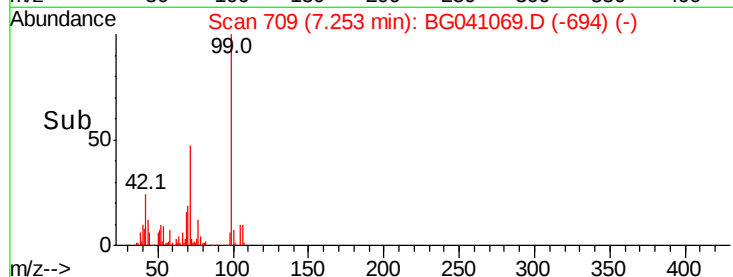
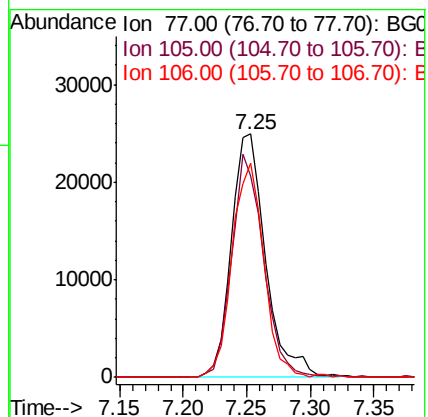
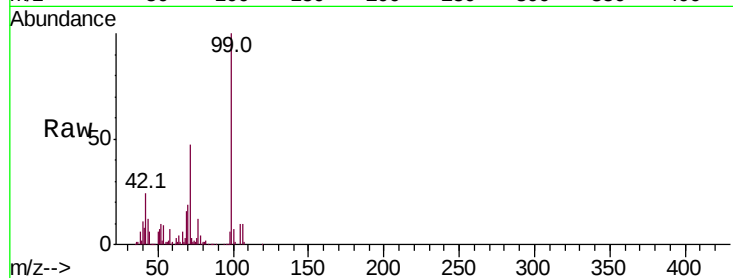
Tot Ion: 77 Resp: 46666

Ion Ratio Lower Upper

77 100

105 82.9 78.9 118.9

106 88.1 76.7 116.7



#10

Phenol

Concen: 41.223 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

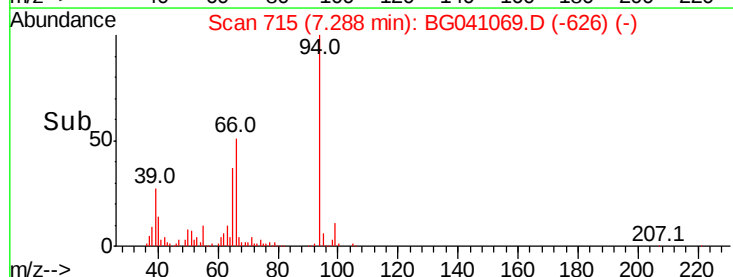
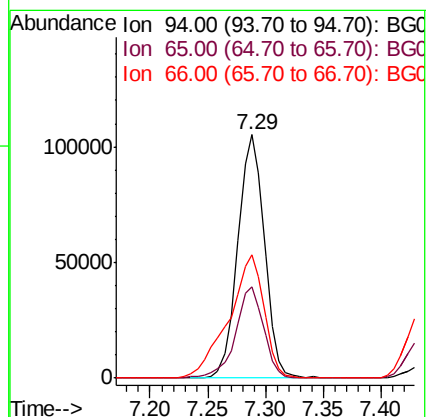
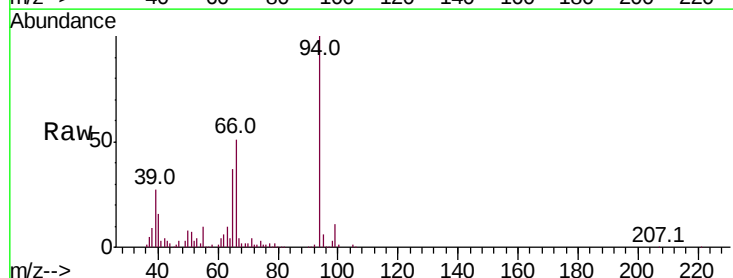
Tgt Ion: 94 Resp: 167893

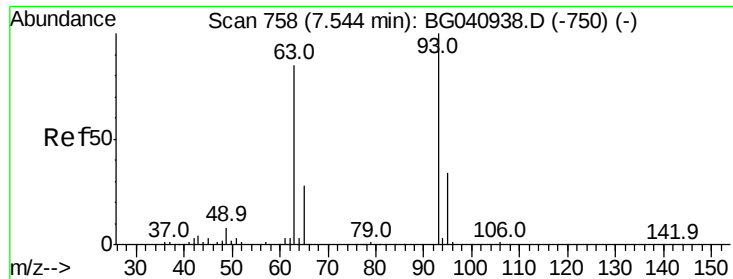
Ion Ratio Lower Upper

94 100

65 37.2 17.0 57.0

66 50.6 32.4 72.4



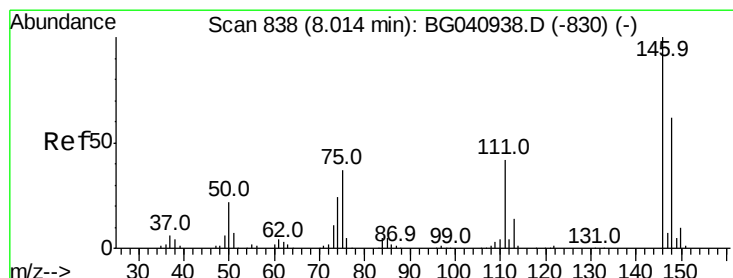
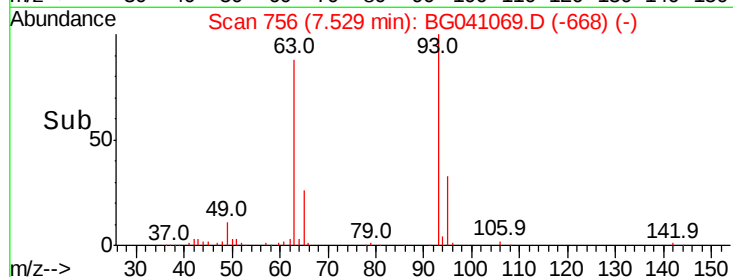
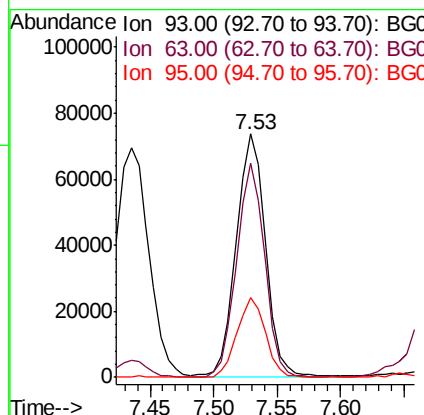
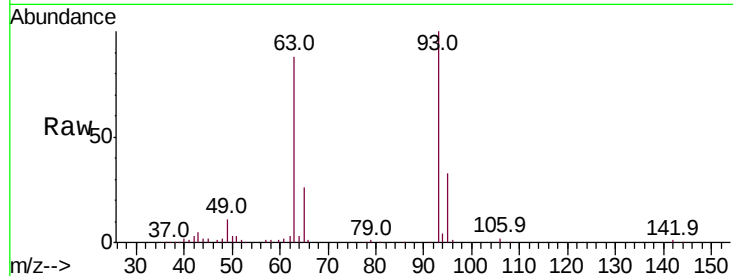


#11
 bis(2-Chloroethyl)ether
 Concen: 39.761 ng
 RT: 7.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleID :
 PB120267BS

Tot Ion: 93 Resp: 117477

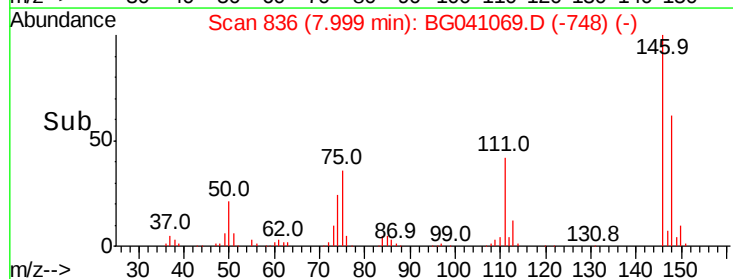
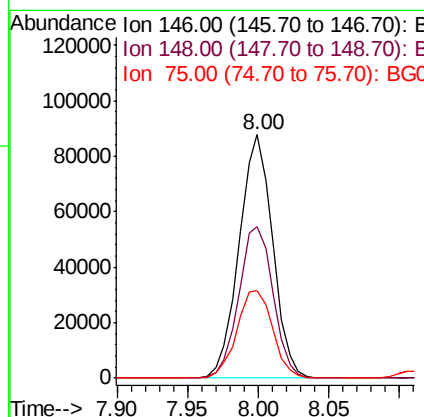
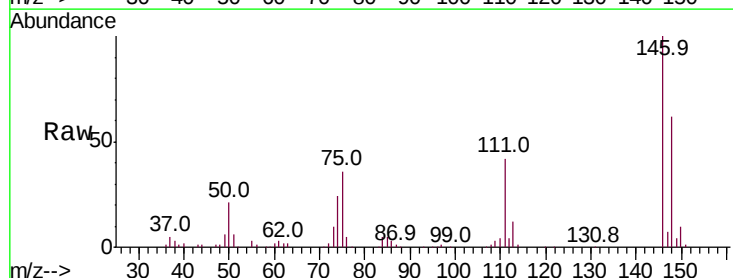
Ion	Ratio	Lower	Upper
93	100		
63	88.2	64.5	104.5
95	32.7	13.3	53.3

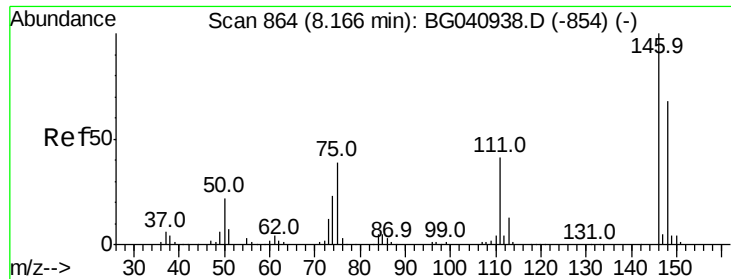


#12
 1,3-Dichlorobenzene
 Concen: 41.617 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion: 146 Resp: 145750

Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.2	73.8
75	36.1	29.4	44.0

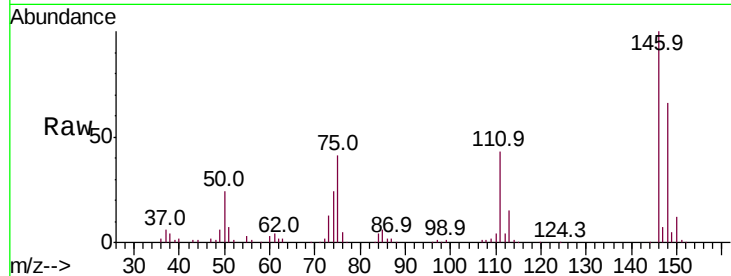




#13
 1,4-Dichlorobenzene
 Concen: 40.597 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.2	81.4
111	42.9	32.9	49.3

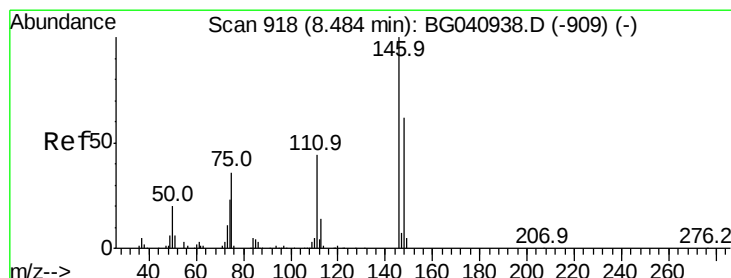
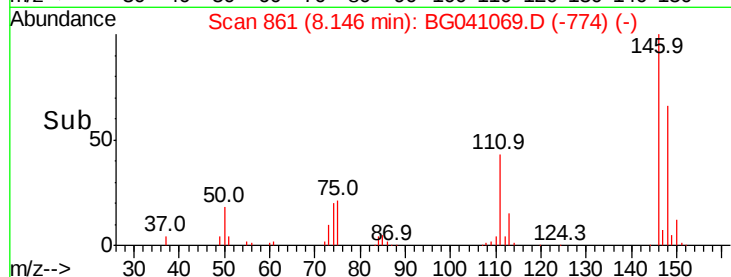
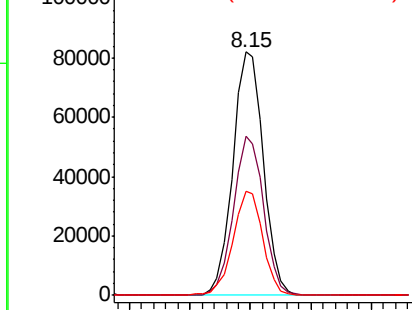


Abundance

Ion 146.00 (145.70 to 146.70): E

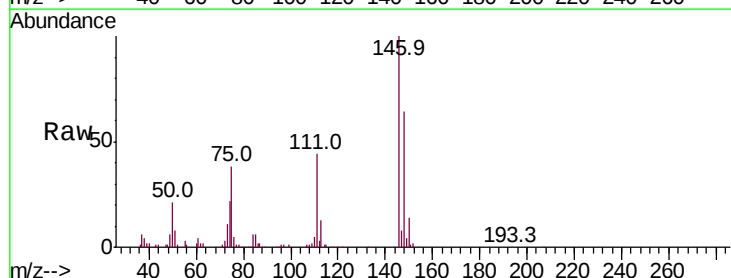
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.873 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.8	74.6
111	44.4	35.0	52.4

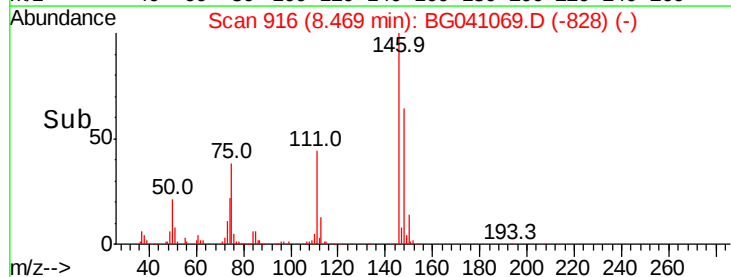
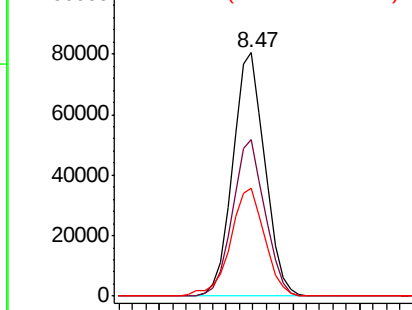


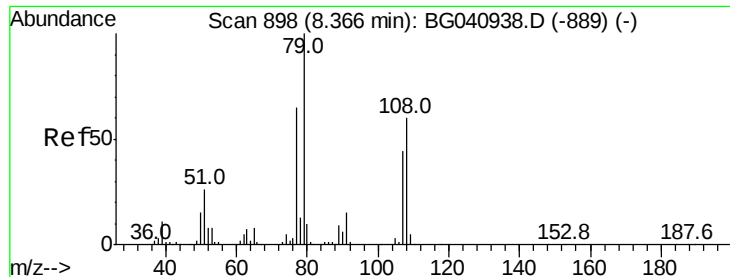
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.745 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

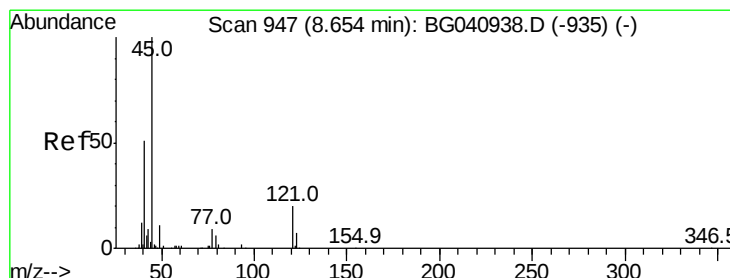
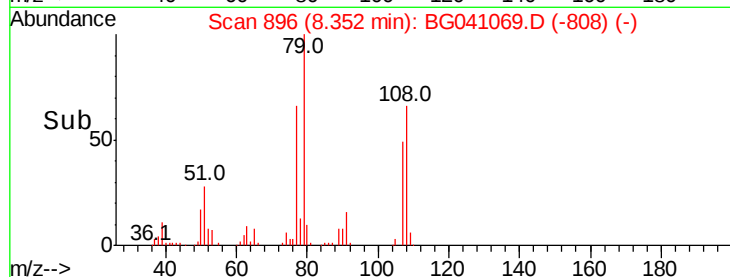
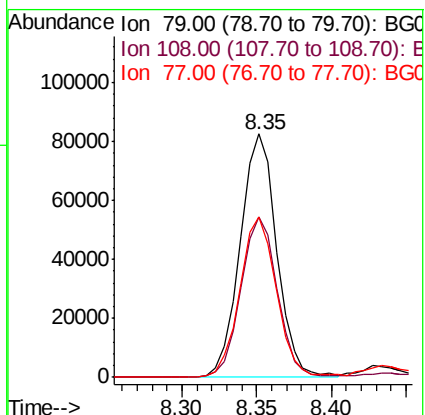
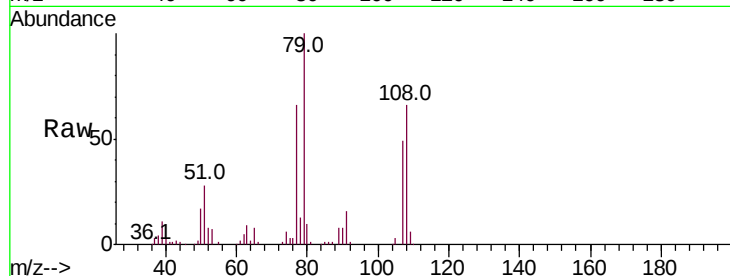
Tot Ion: 79 Resp: 139655

Ion Ratio Lower Upper

79 100

108 65.7 48.3 72.5

77 66.0 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.355 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

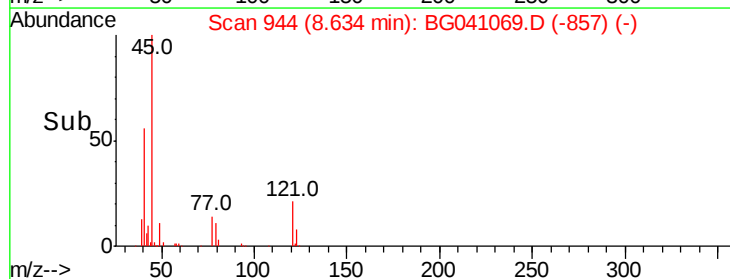
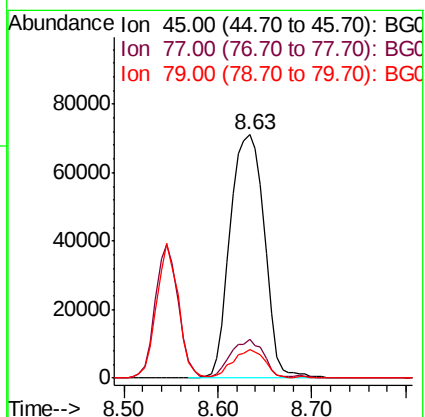
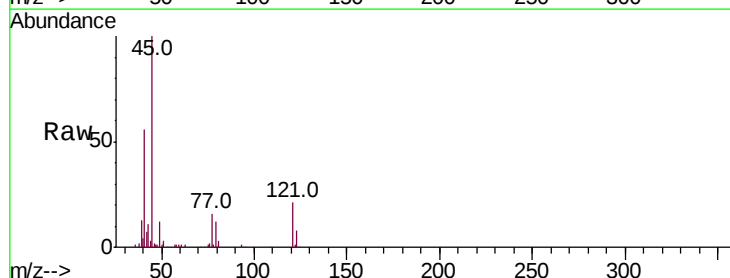
Tgt Ion: 45 Resp: 180350

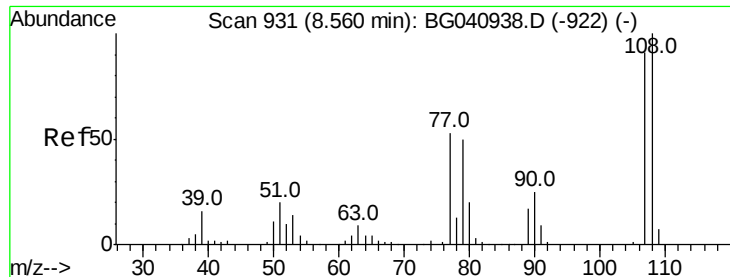
Ion Ratio Lower Upper

45 100

77 15.7 0.0 33.7

79 11.7 0.0 30.2

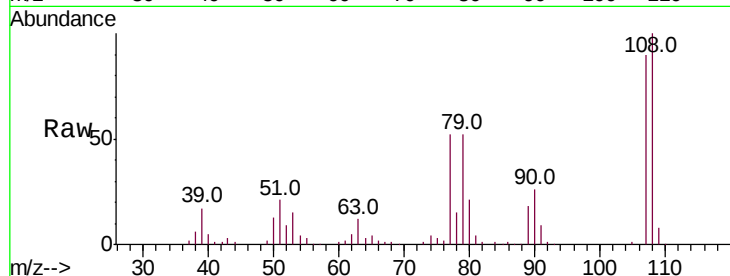




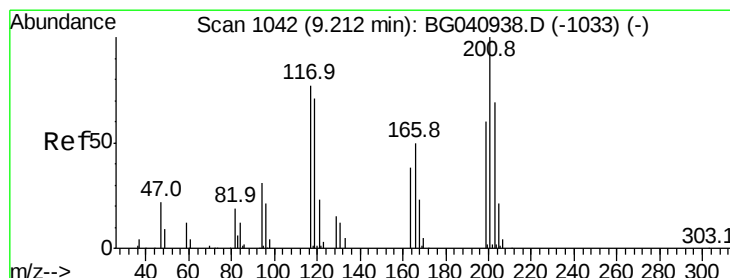
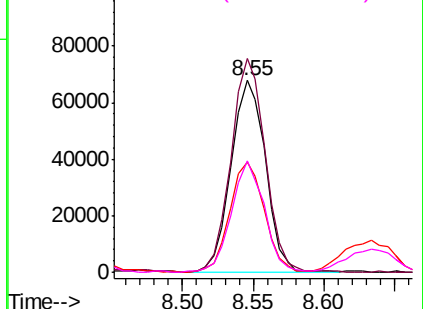
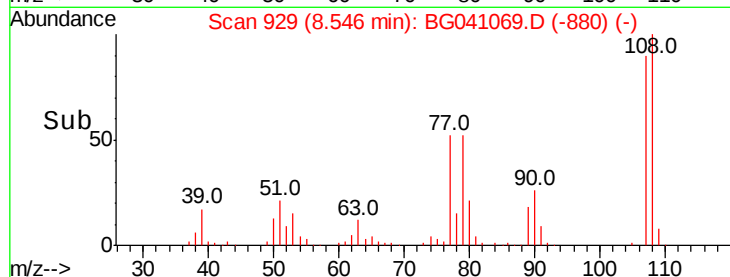
#17
2-Methylphenol
Concen: 39.247 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion:107 Resp: 115734
Ion Ratio Lower Upper
107 100
108 111.3 87.7 131.5
77 57.5 46.6 70.0
79 58.0 44.6 66.8

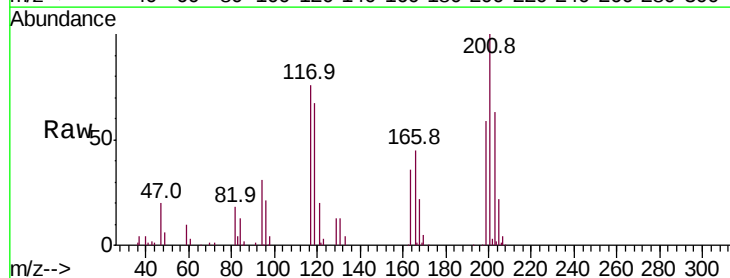


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

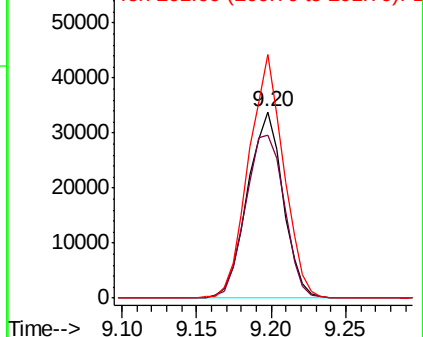
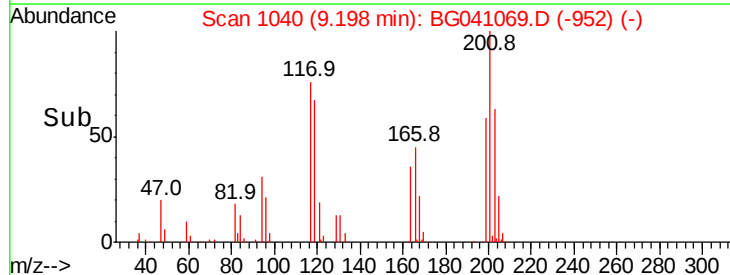


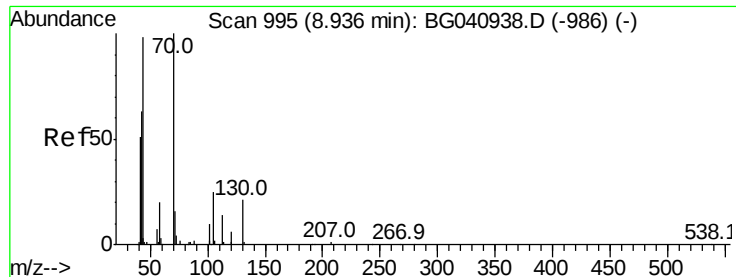
#18
Hexachloroethane
Concen: 40.628 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion:117 Resp: 55510
Ion Ratio Lower Upper
117 100
119 87.5 75.0 112.6
201 130.8 103.5 155.3



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.777 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

Tot Ion: 70 Resp: 107505

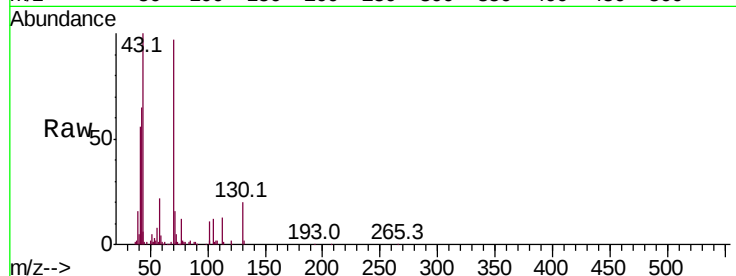
Ion Ratio Lower Upper

70 100

42 66.9 51.5 77.3

101 11.1 8.1 12.1

130 20.1 16.6 24.8

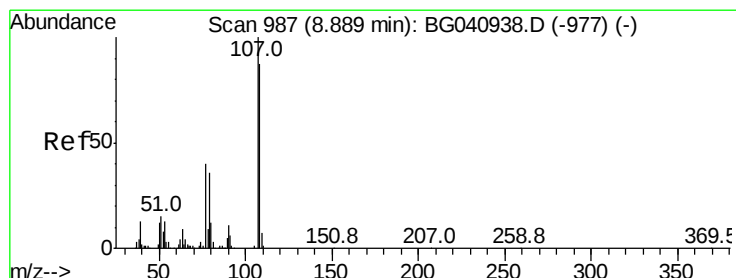
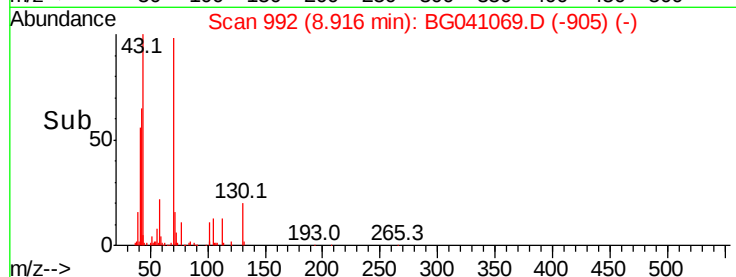
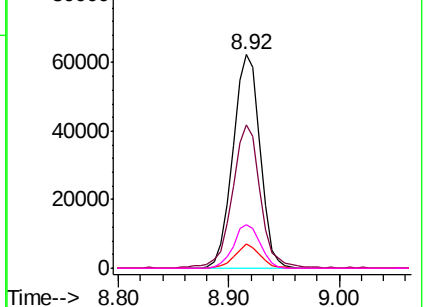


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.078 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion: 107 Resp: 155538

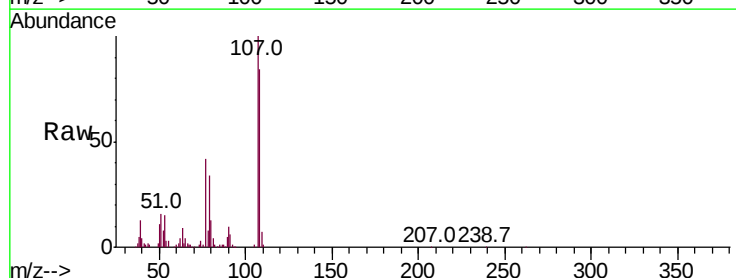
Ion Ratio Lower Upper

107 100

108 83.9 66.8 106.8

77 42.0 20.5 60.5

79 34.2 15.8 55.8

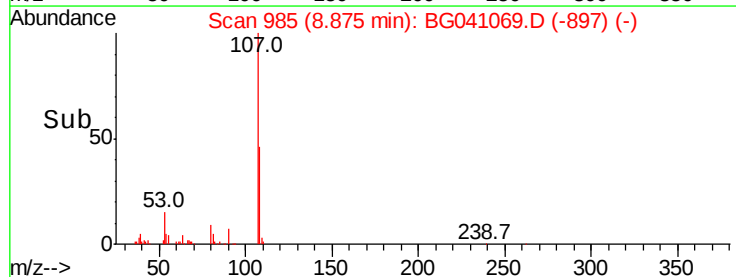
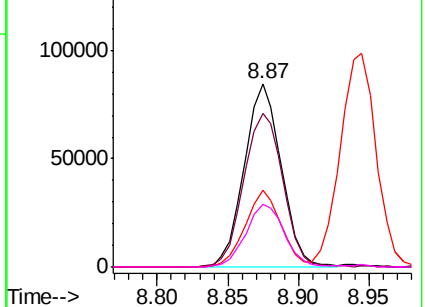


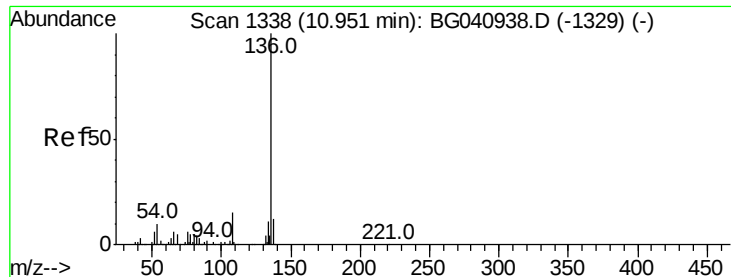
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

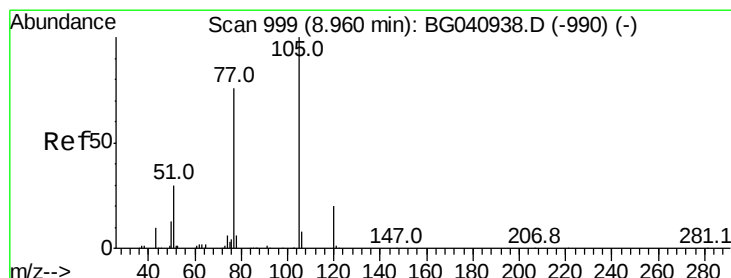
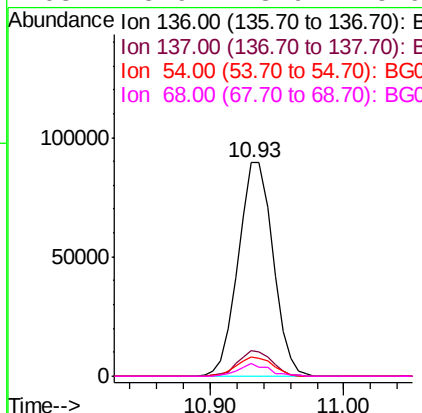
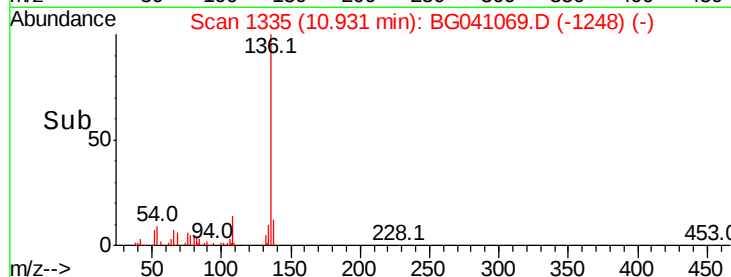
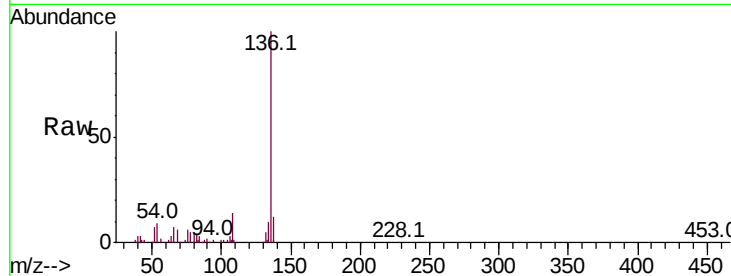




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

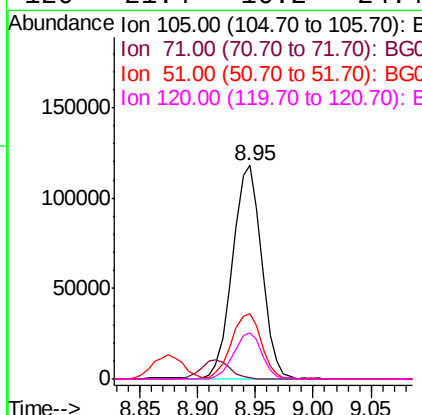
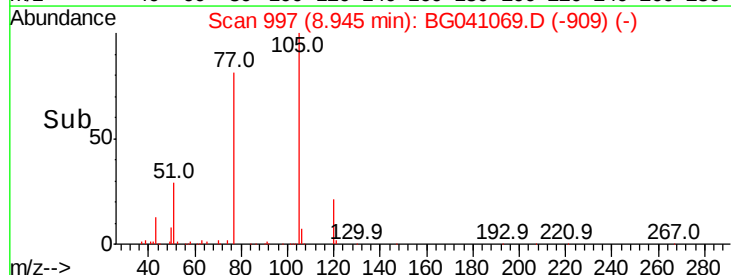
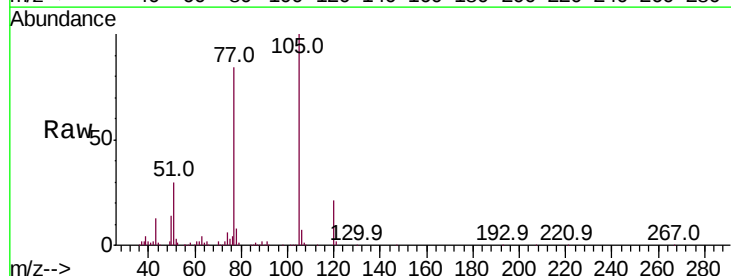
Instrument :
BNA_G
ClientSampleId :
PB120267BS

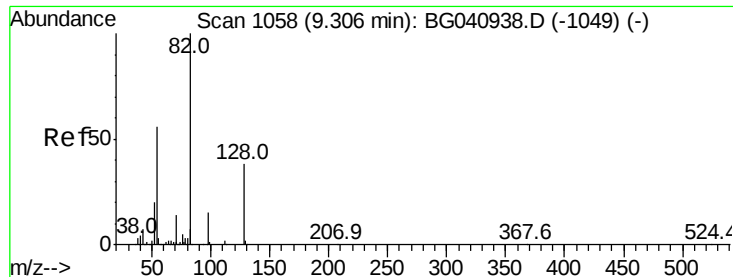
Tot Ion:136	Resp:	161648
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.5 14.3
54	9.2	7.6 11.4
68	5.9	3.9 5.9



#22
Acetophenone
Concen: 45.553 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion:105	Resp:	206562
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.4 0.6#
51	30.4	27.0 40.6
120	21.4	16.2 24.4

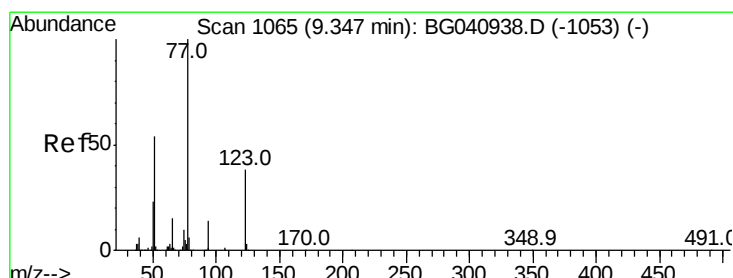
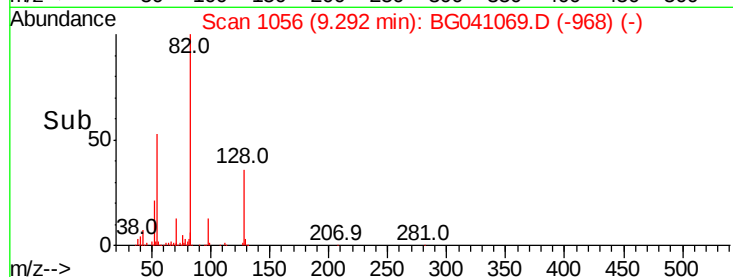
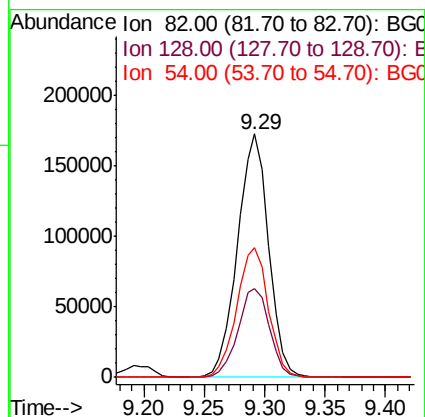
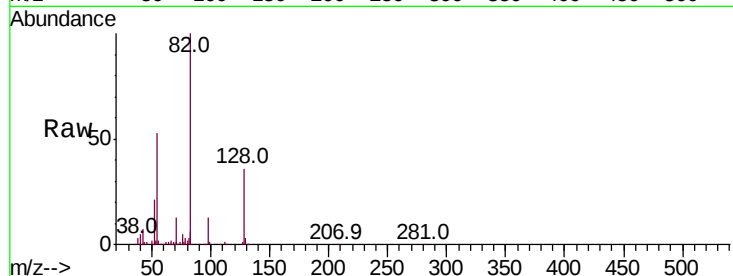




#23
Nitrobenzene-d5
Concen: 84.970 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

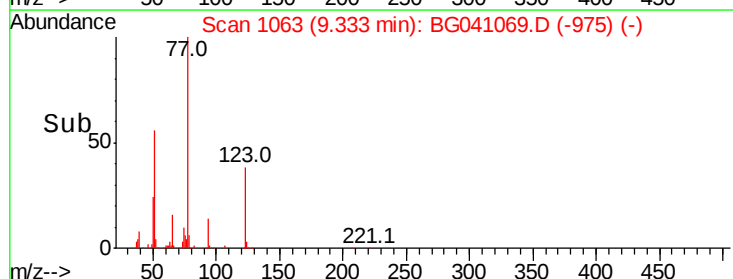
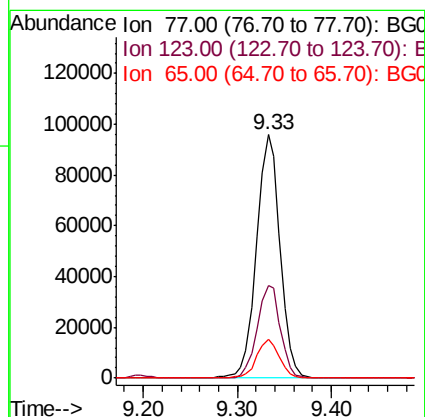
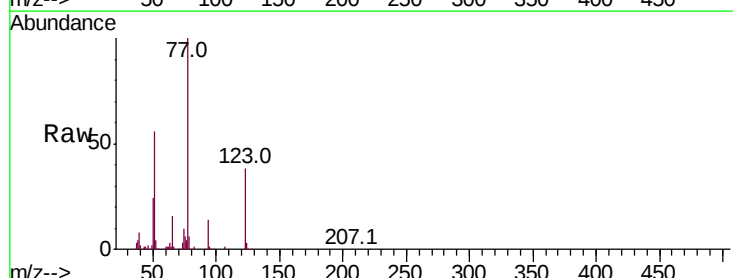
Instrument :
BNA_G
ClientSampleId :
PB120267BS

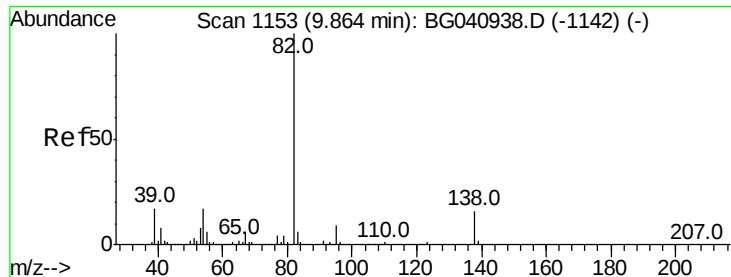
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.5	45.7
54	53.2	44.6	66.8



#24
Nitrobenzene
Concen: 44.780 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	30.6	46.0
65	16.2	12.3	18.5





#25

Isophorone

Concen: 43.275 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

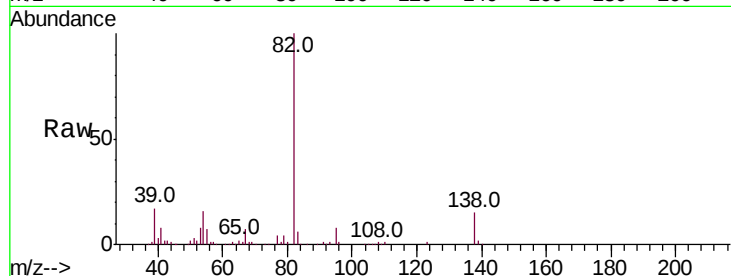
Tot Ion: 82 Resp: 299875

Ion Ratio Lower Upper

82 100

95 8.5 7.0 10.4

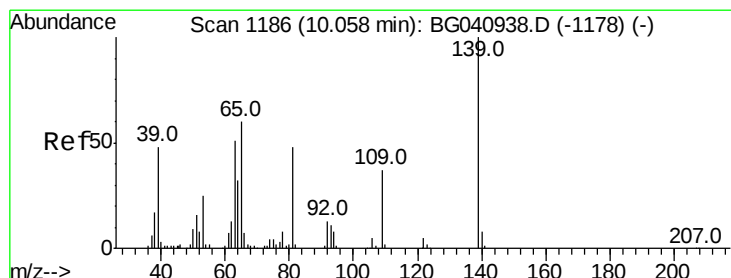
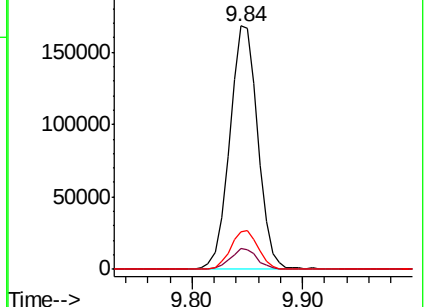
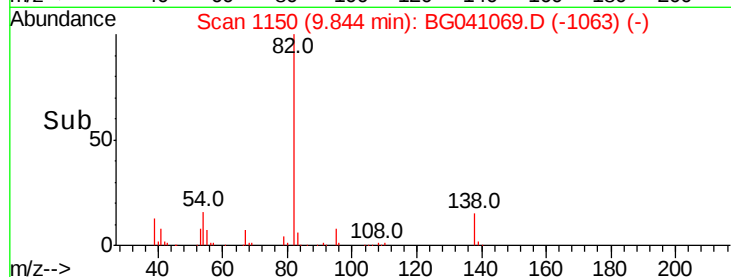
138 15.3 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG041069.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG041069.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG041069.D (-1142) (-)



#26

2-Nitrophenol

Concen: 46.911 ng

RT: 10.04 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

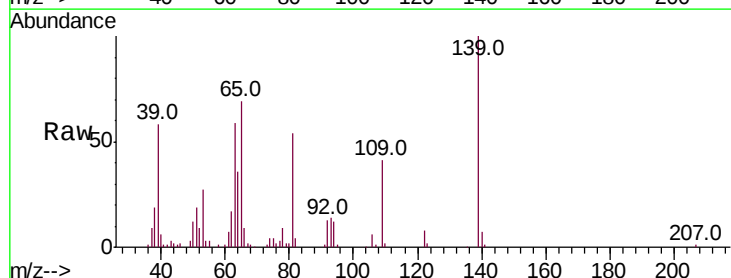
Tgt Ion: 139 Resp: 71763

Ion Ratio Lower Upper

139 100

109 41.4 29.8 44.6

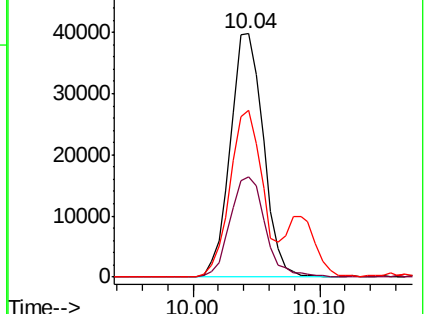
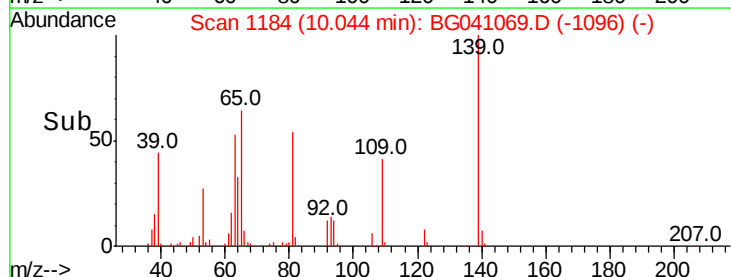
65 68.6 47.8 71.6

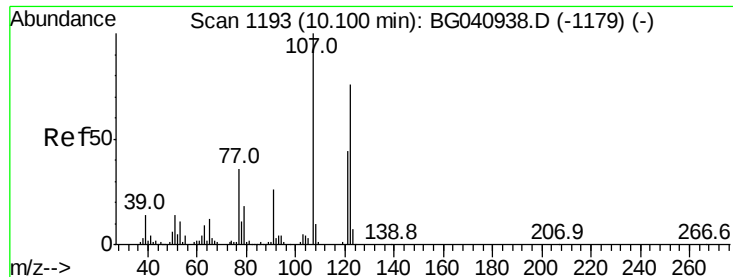


Abundance Ion 139.00 (138.70 to 139.70): BG041069.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BG041069.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BG041069.D (-1096) (-)

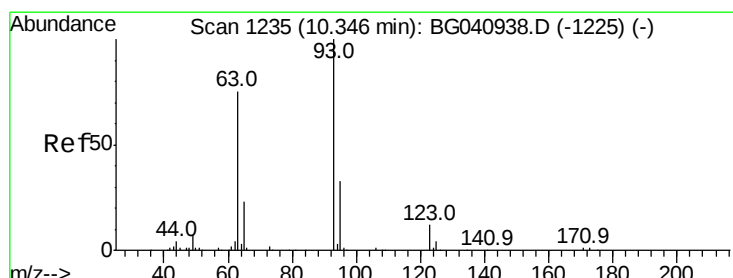
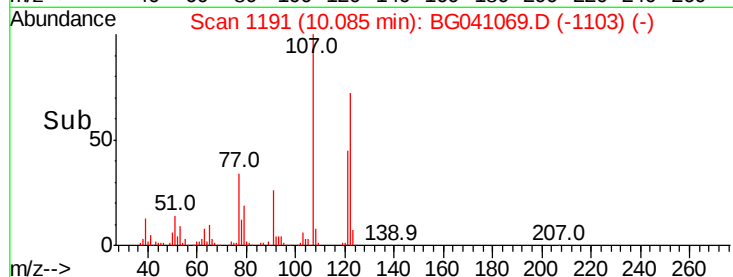
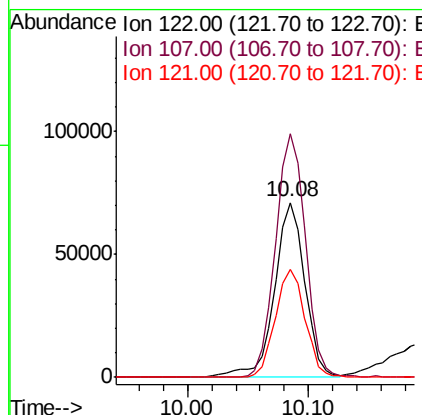
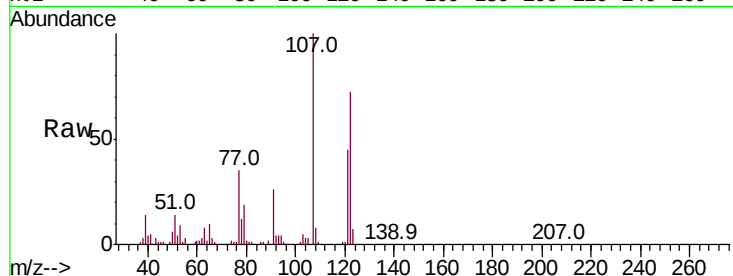




#27
2,4-Dimethylphenol
Concen: 48.755 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

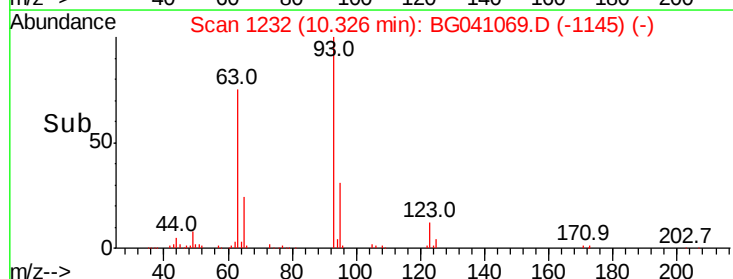
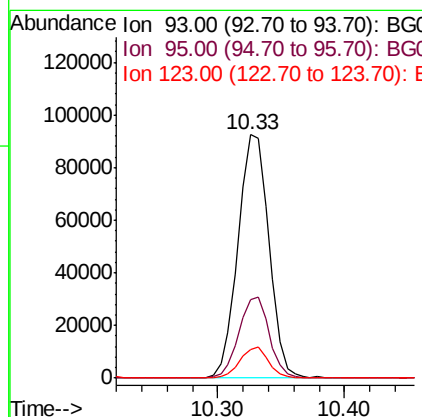
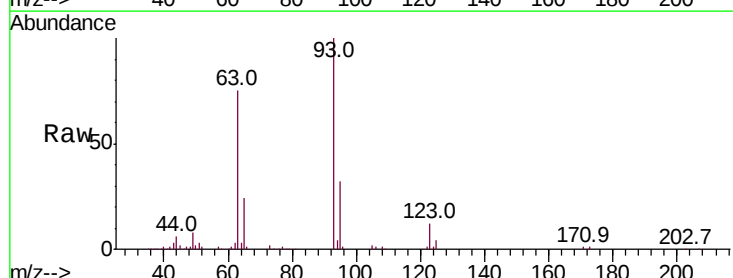
Instrument :
BNA_G
ClientSampleId :
PB120267BS

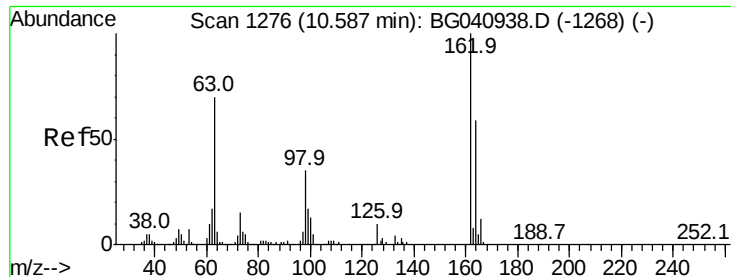
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.5	105.9	158.9
121	62.1	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.838 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	11.8	9.5	14.3

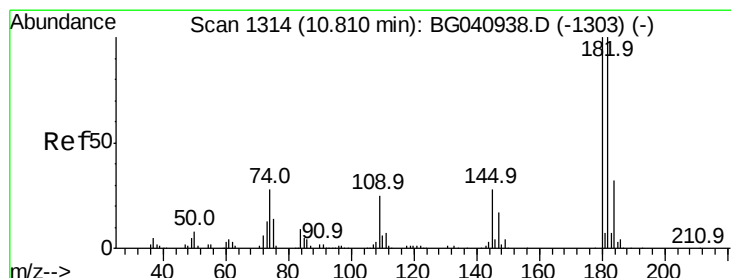
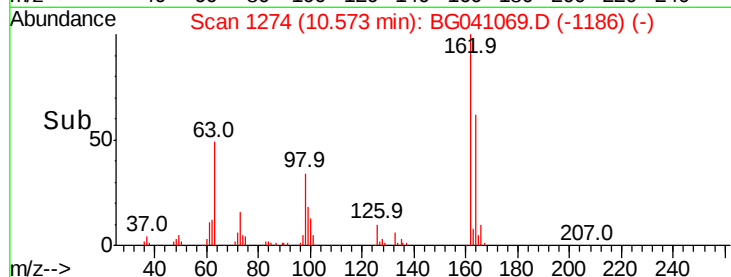
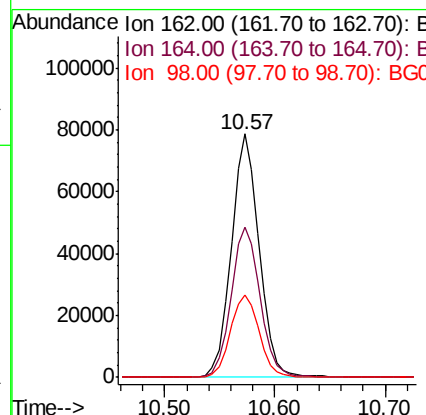
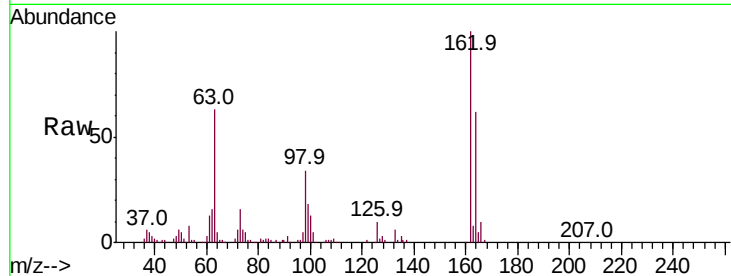




#29
2,4-Dichlorophenol
Concen: 43.094 ng
RT: 10.57 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

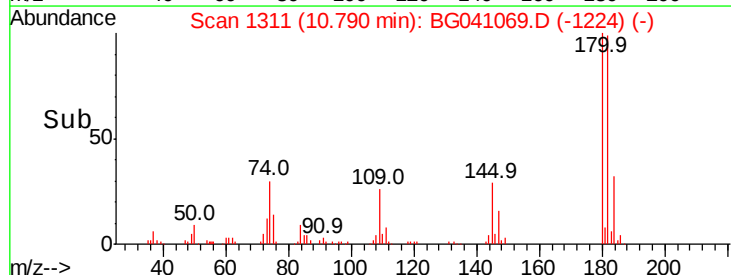
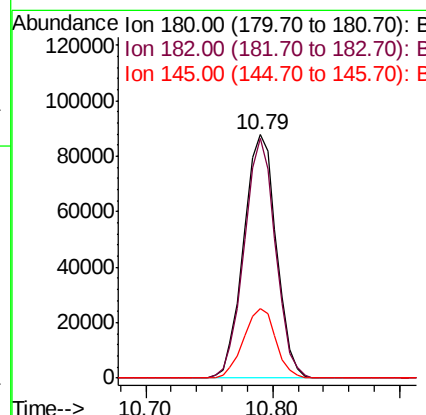
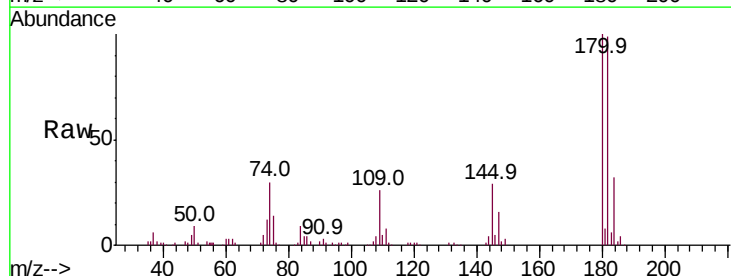
Instrument :
BNA_G
ClientSampleId :
PB120267BS

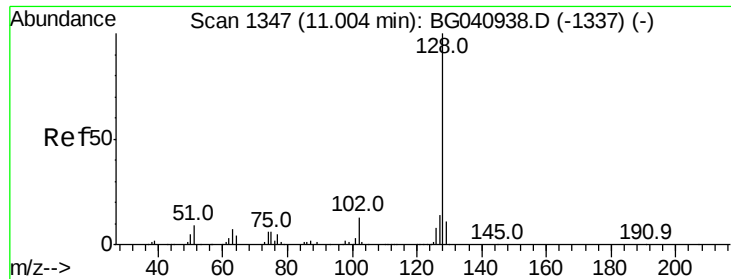
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	39.4	79.4
98	33.9	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 43.016 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	79.7	119.5
145	28.6	22.6	34.0

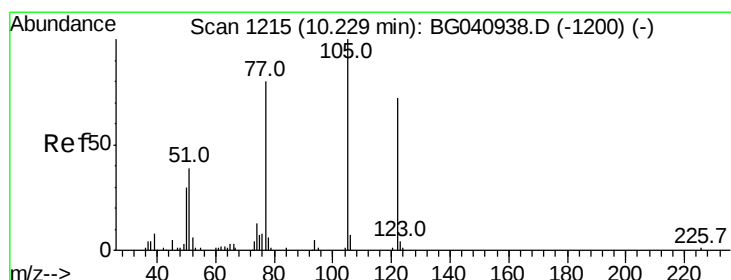
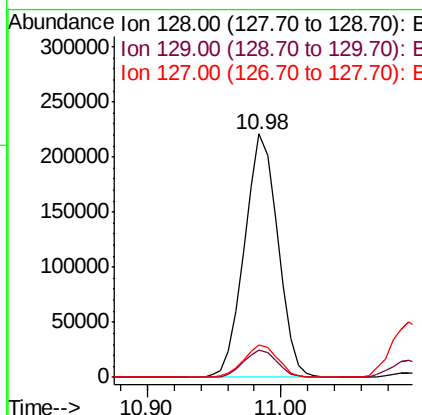
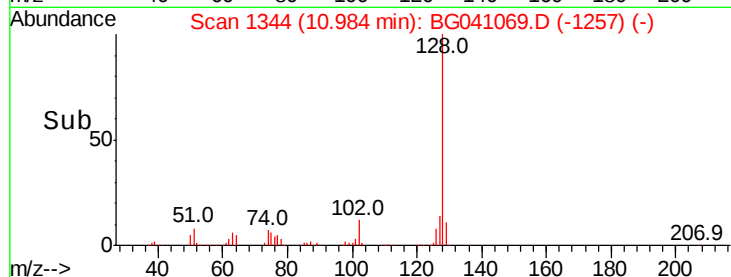
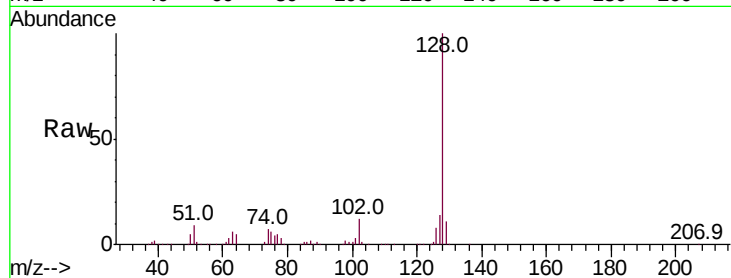




#31
Naphthalene
Concen: 43.987 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

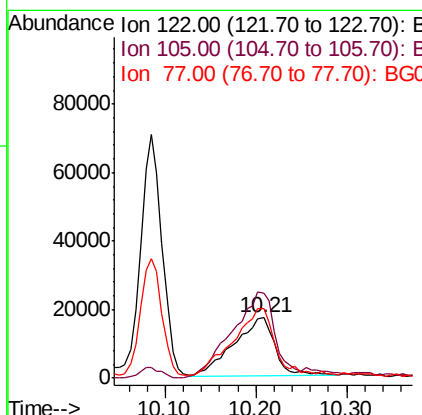
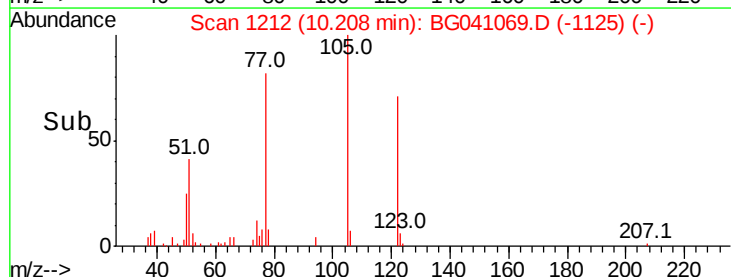
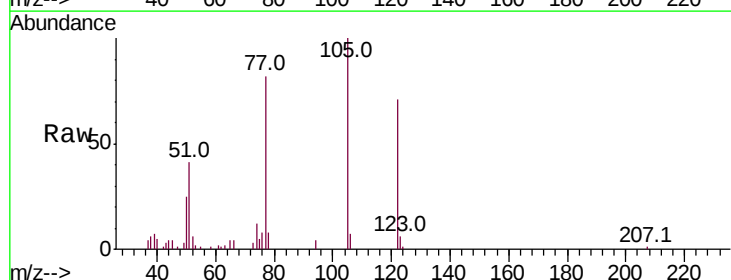
Instrument :
BNA_G
ClientSampleId :
PB120267BS

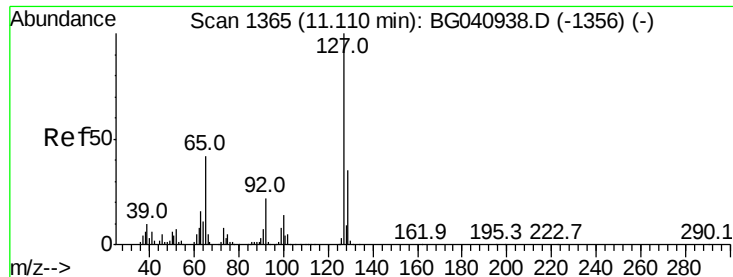
Tot Ion:128 Resp: 381766
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.6 11.4 17.2



#32
Benzoic acid
Concen: 31.231 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion:122 Resp: 54636
Ion Ratio Lower Upper
122 100
105 141.2 114.8 154.8
77 115.8 89.9 129.9

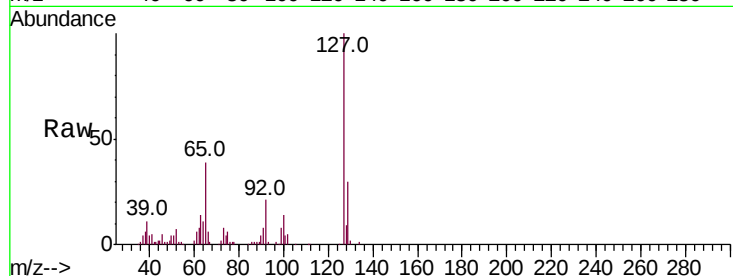




#33
4-Chloroaniline
Concen: 23.890 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion:	127	Resp:	96206
Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.7	41.5
65	39.4	33.2	49.8
92	21.0	17.2	25.8



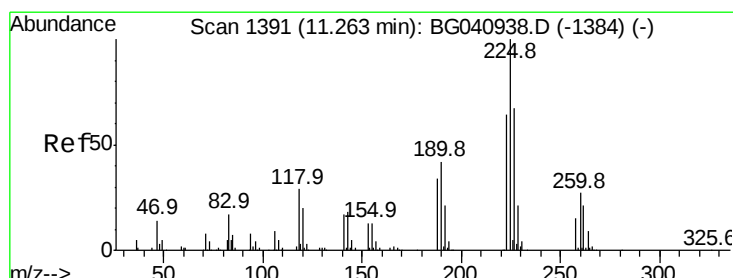
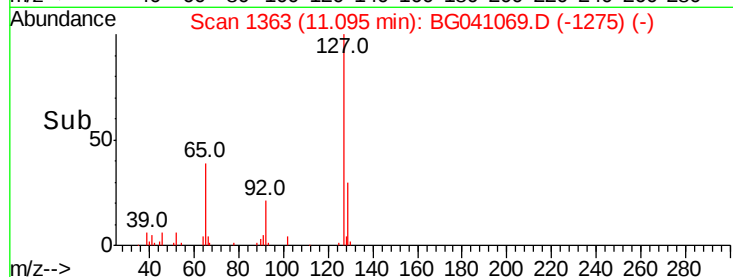
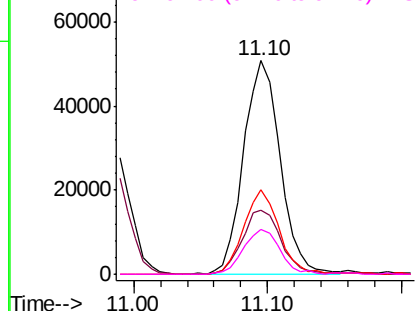
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

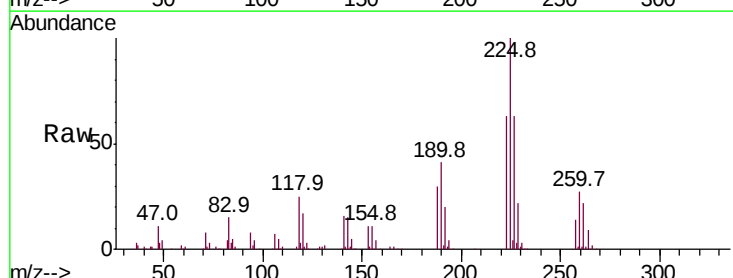
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.277 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion:	225	Resp:	115272
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	62.9	51.4	77.0

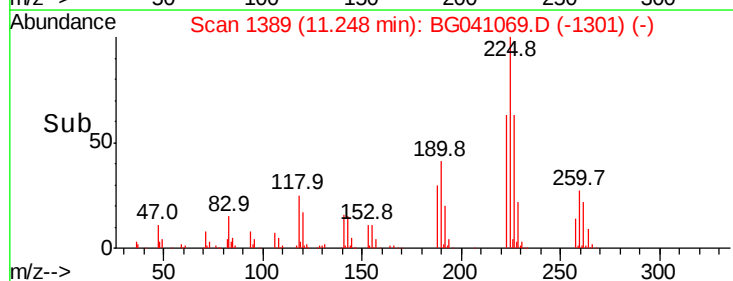
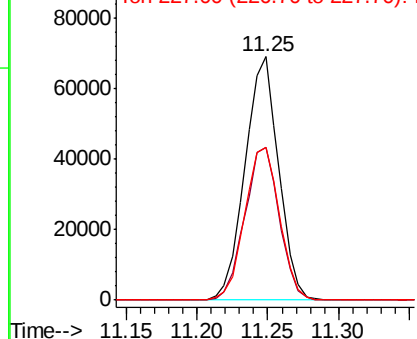


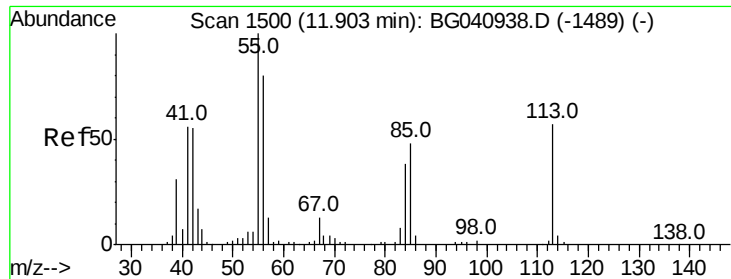
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.060 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

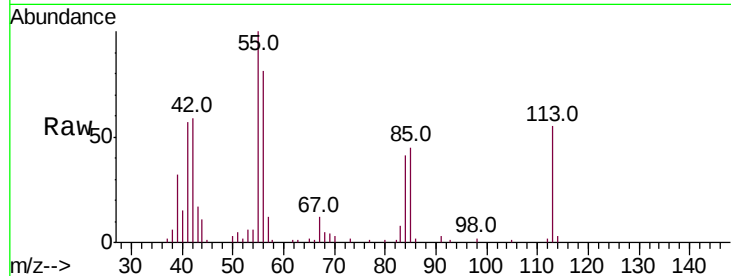
Tot Ion:113 Resp: 43502

Ion Ratio Lower Upper

113 100

55 180.6 155.9 195.9

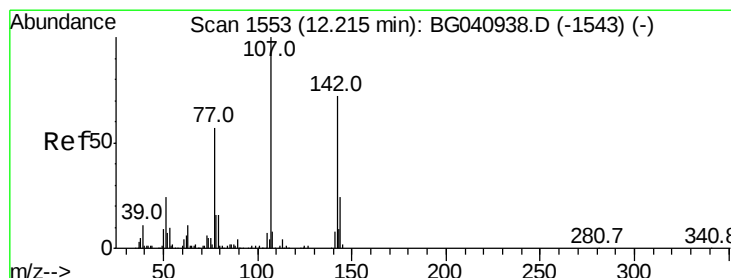
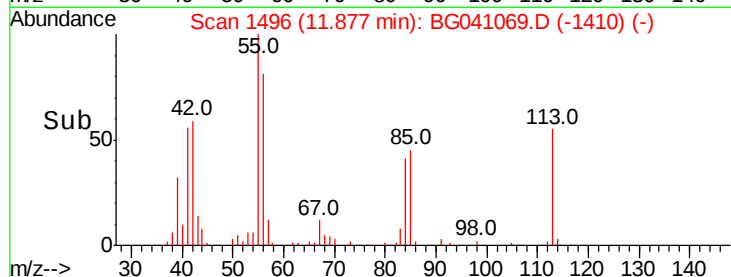
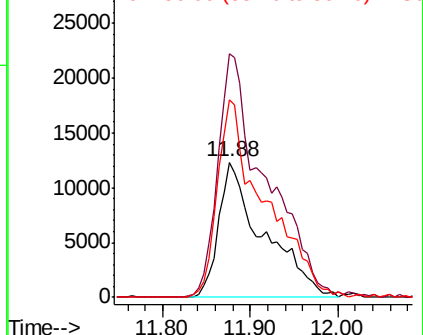
56 146.2 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.025 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

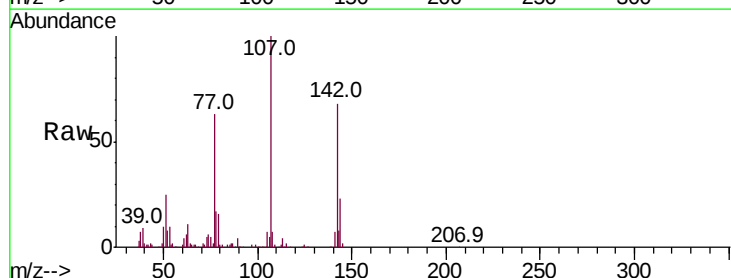
Tgt Ion:107 Resp: 153983

Ion Ratio Lower Upper

107 100

144 22.7 19.4 29.0

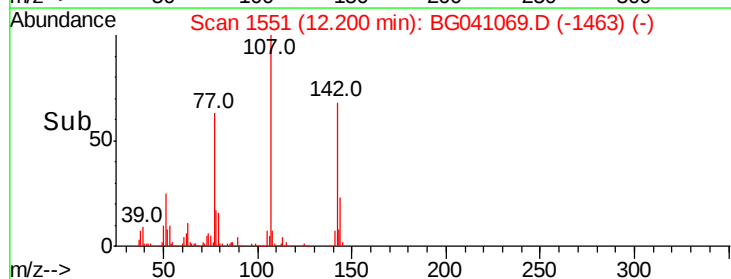
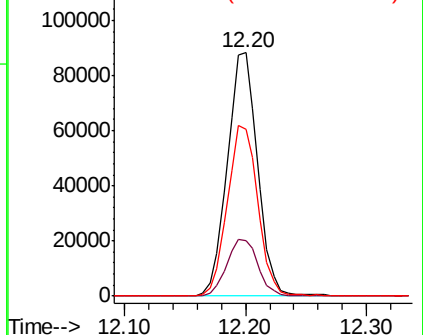
142 68.3 57.3 85.9

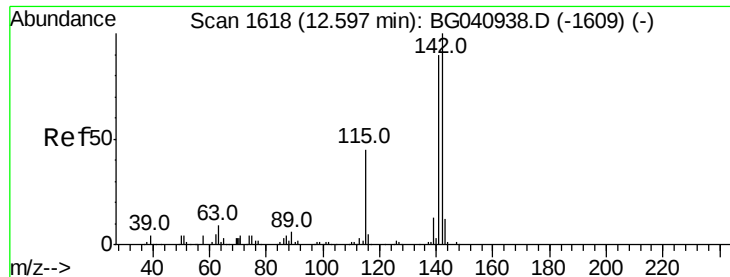


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

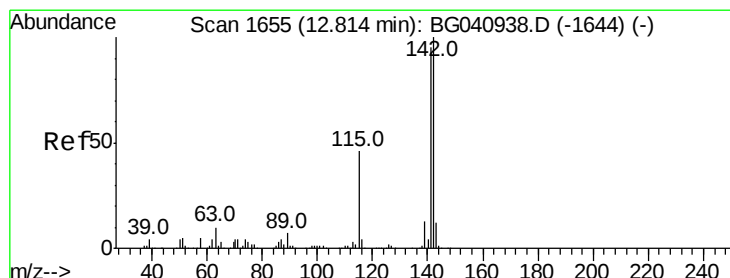
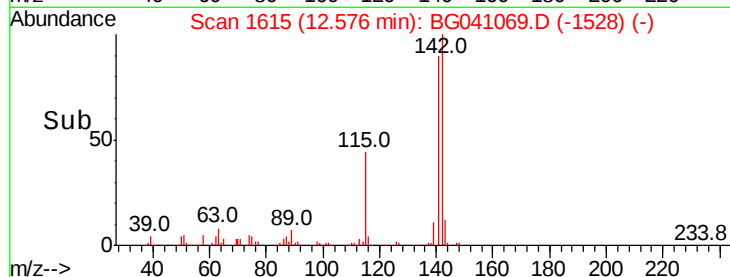
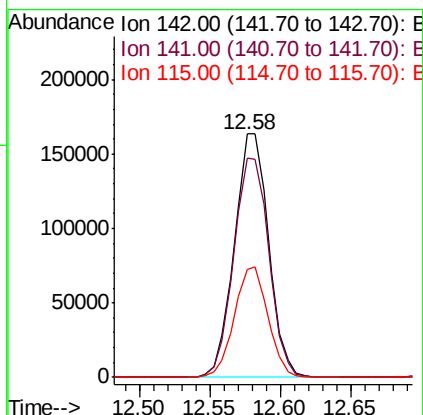
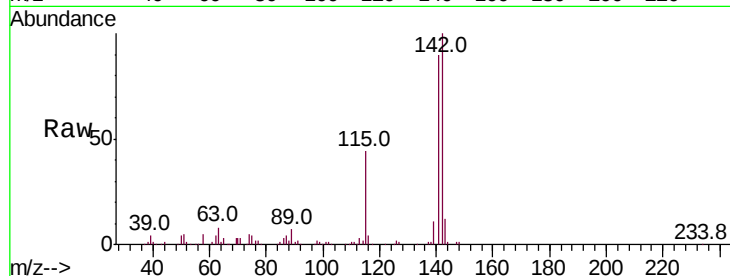




#37
2-Methylnaphthalene
Concen: 41.394 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

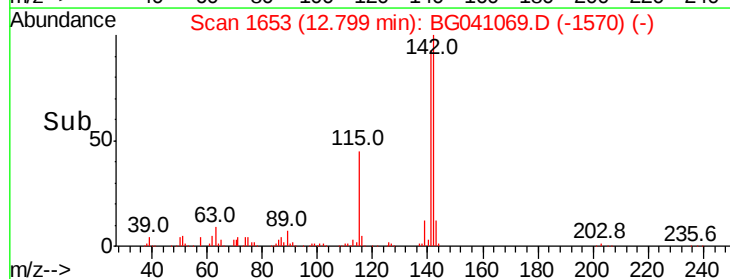
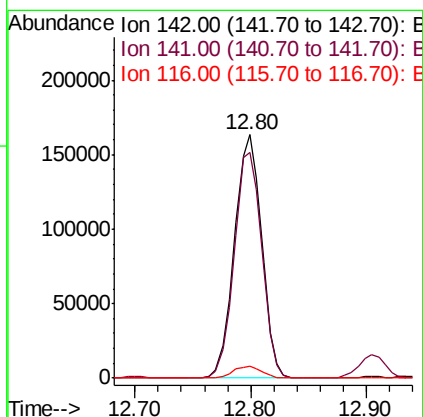
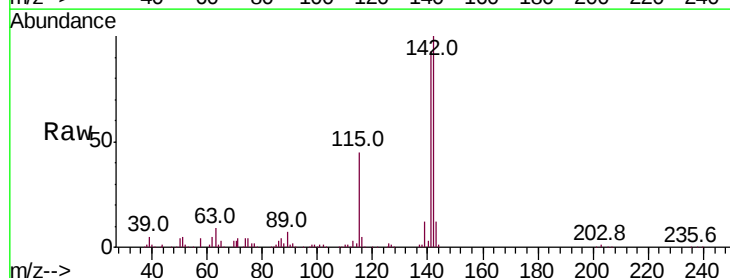
Instrument :
BNA_G
ClientSampleId :
PB120267BS

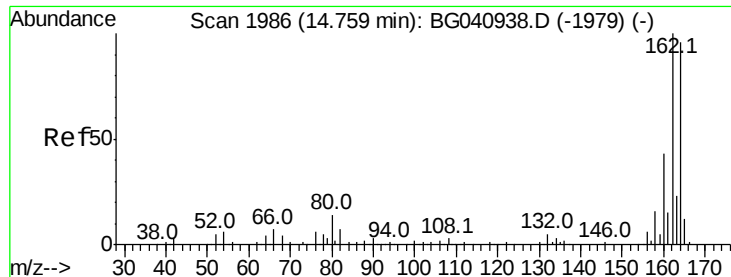
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	44.4	36.2	54.4



#38
1-Methylnaphthalene
Concen: 42.158 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

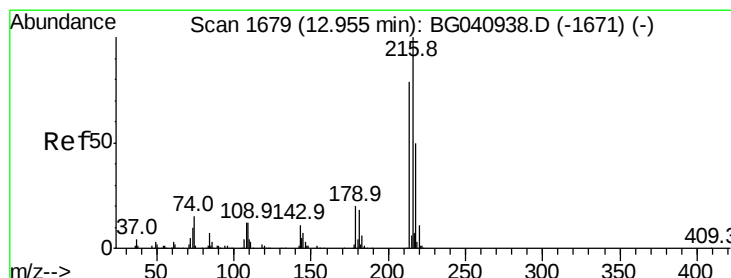
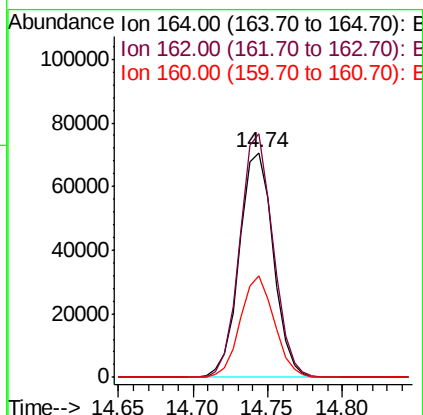
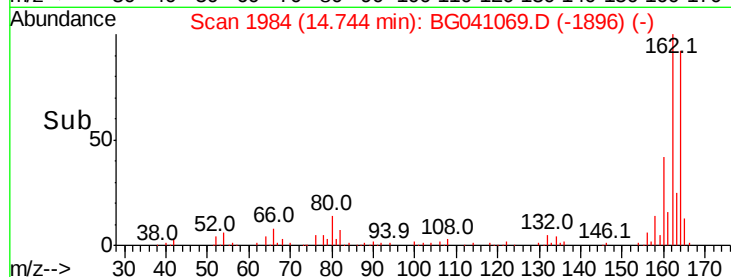
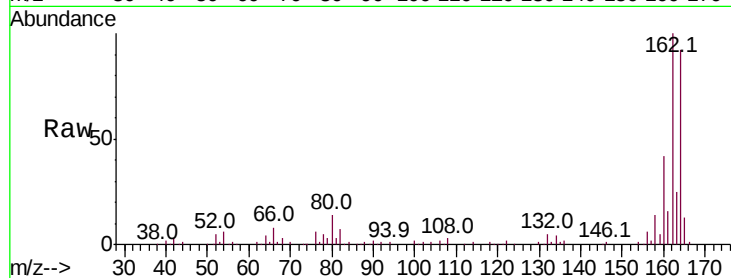
BNA_G

ClientSampleId :

PB120267BS

Tot Ion:164 Resp: 111313

Ion	Ratio	Lower	Upper
164	100		
162	108.3	83.0	124.4
160	45.2	35.6	53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.441 ng

RT: 12.94 min Scan# 1677

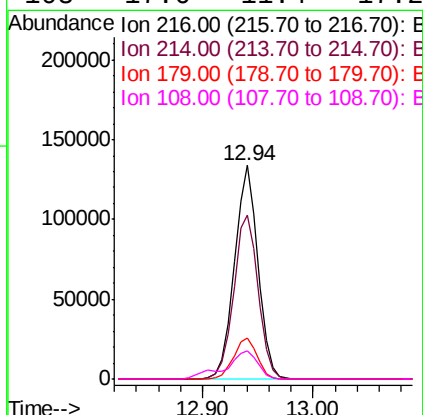
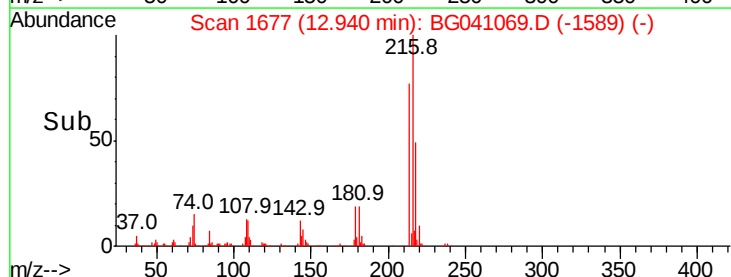
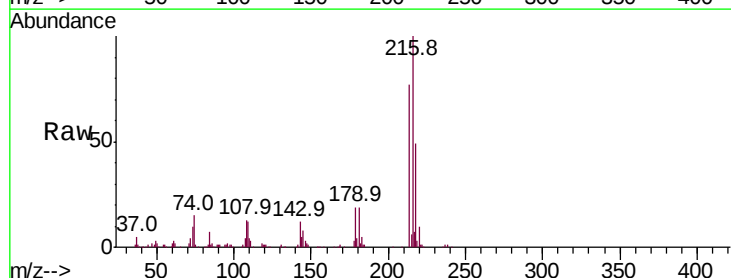
Delta R.T. -0.01 min

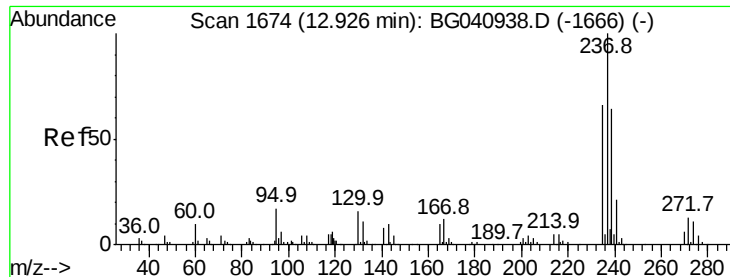
Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:216 Resp: 199385

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	19.4	15.2	22.8
108	17.6	11.4	17.2#





#41

Hexachlorocyclopentadiene

Concen: 106.558 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

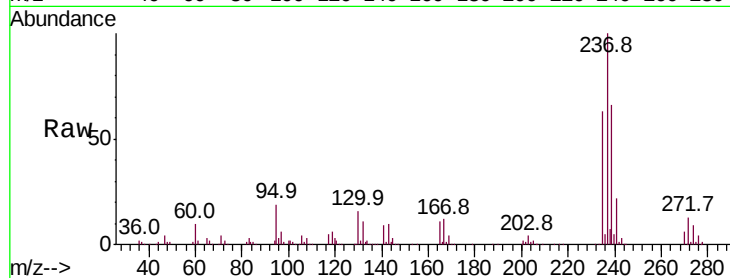
Tot Ion:237 Resp: 264338

Ion Ratio Lower Upper

237 100

235 62.6 45.5 85.5

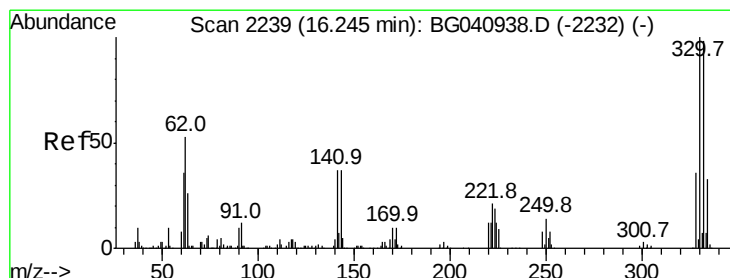
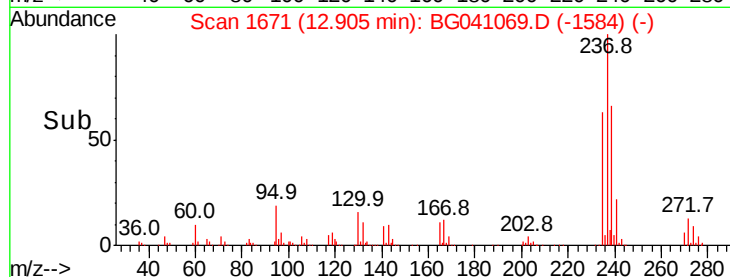
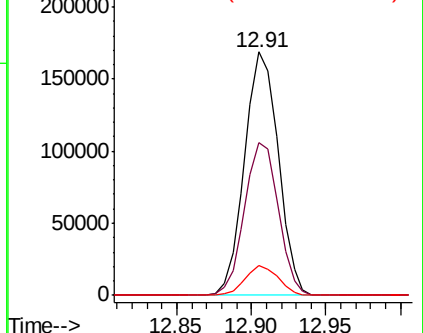
272 12.5 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.304 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

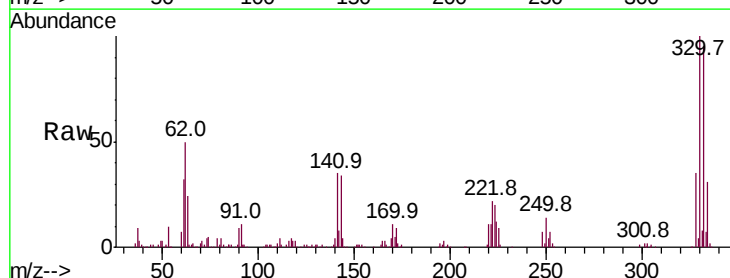
Tgt Ion:330 Resp: 226898

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

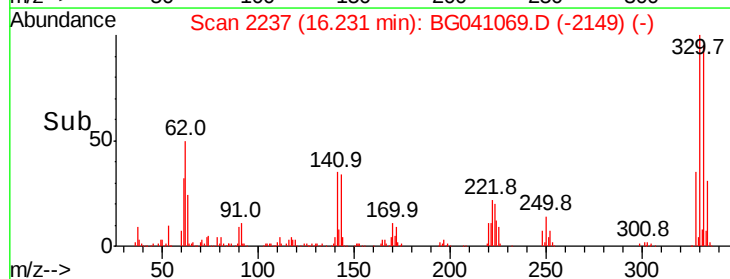
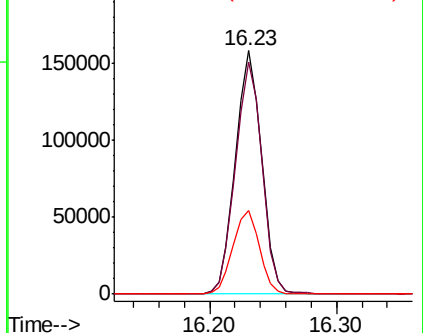
141 34.9 28.7 43.1

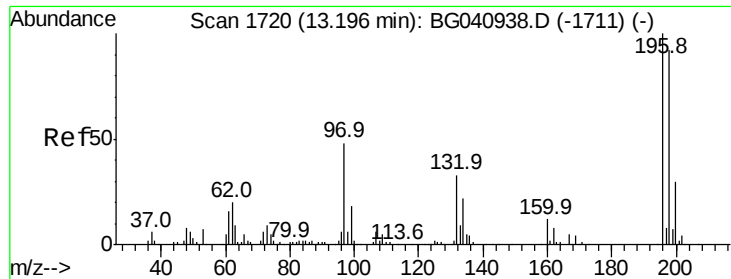


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

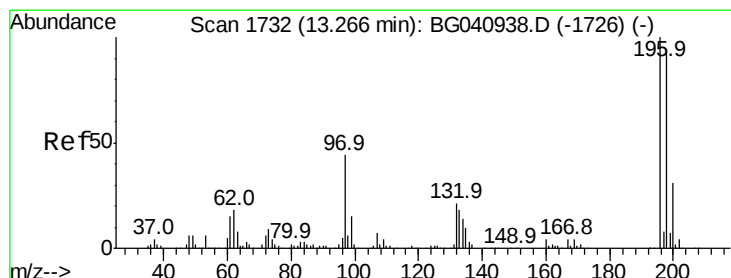
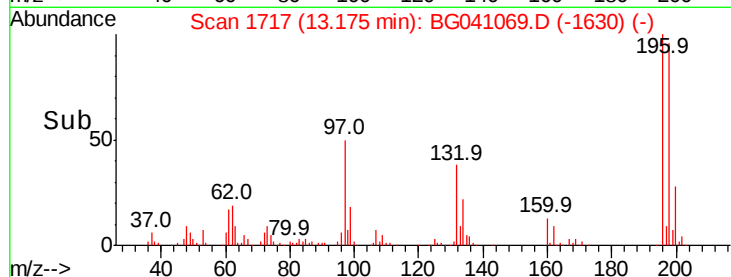
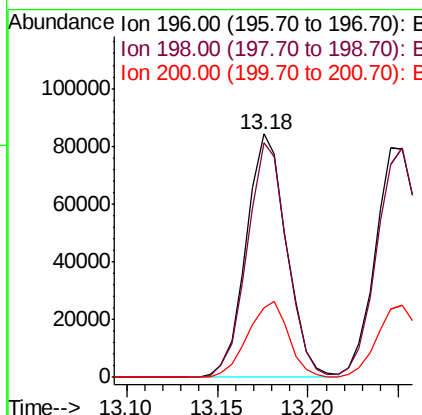
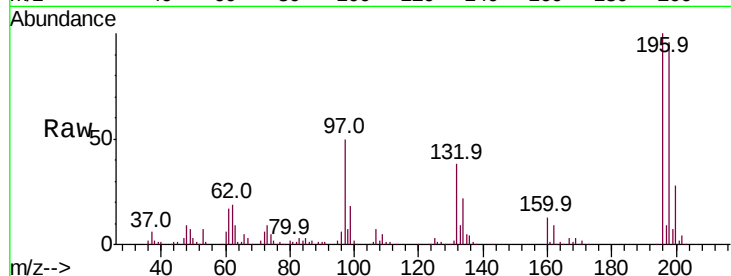




#43
 2,4,6-Trichlorophenol
 Concen: 44.955 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

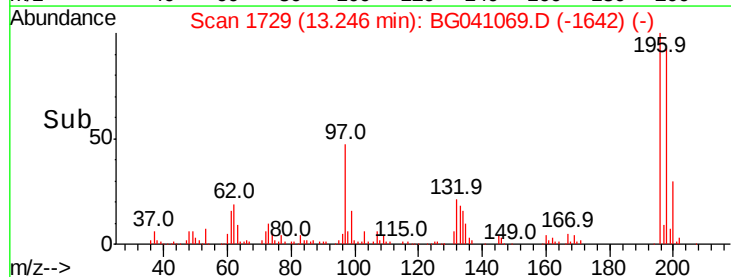
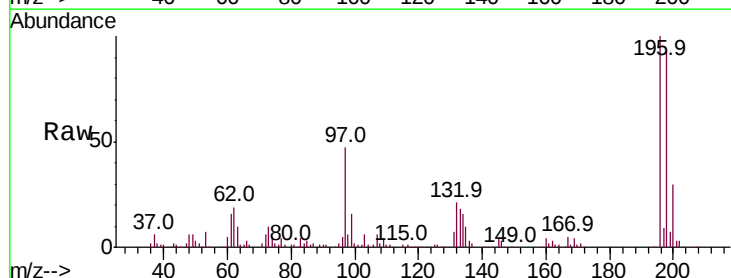
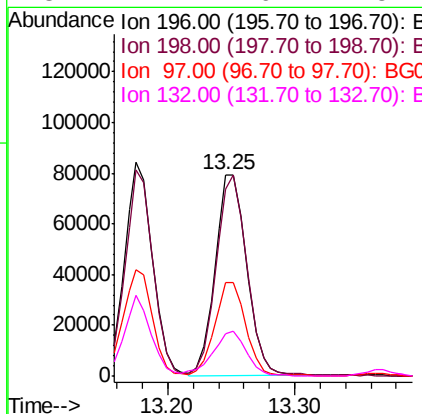
Instrument :
 BNA_G
 ClientSampled :
 PB120267BS

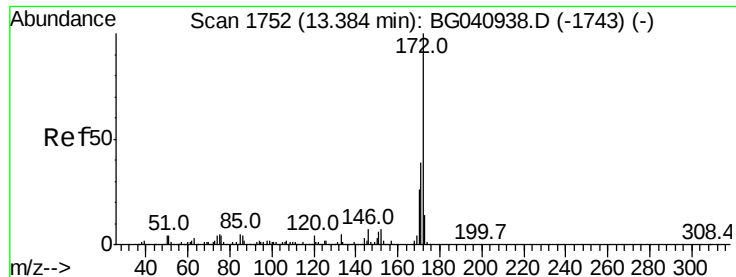
Tot Ion:196 Resp: 130477
 Ion Ratio Lower Upper
 196 100
 198 96.3 73.8 110.6
 200 28.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.012 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion:196 Resp: 137781
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.1 112.7
 97 46.7 35.6 53.4
 132 21.1 16.7 25.1

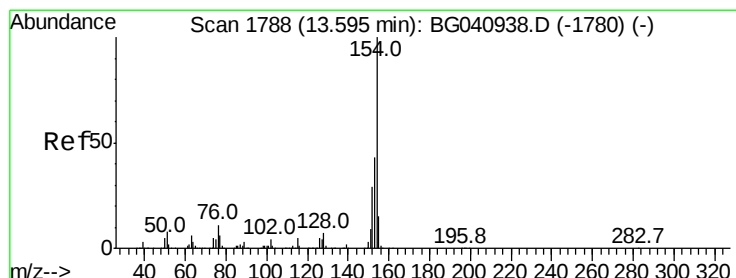
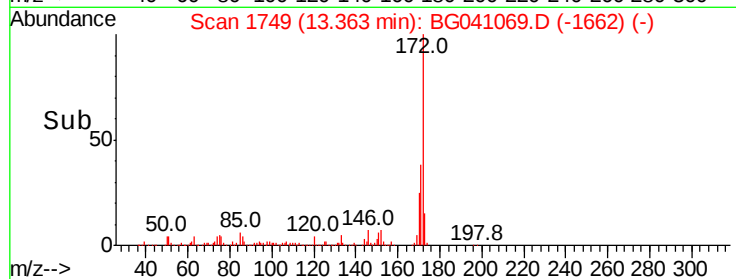
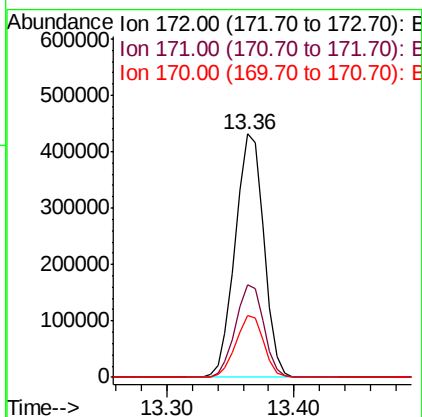
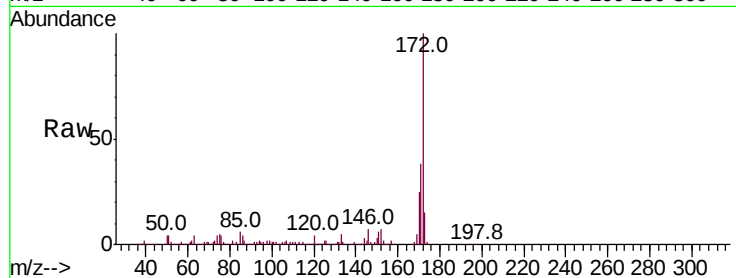




#45
2-Fluorobiphenyl
Concen: 86.986 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

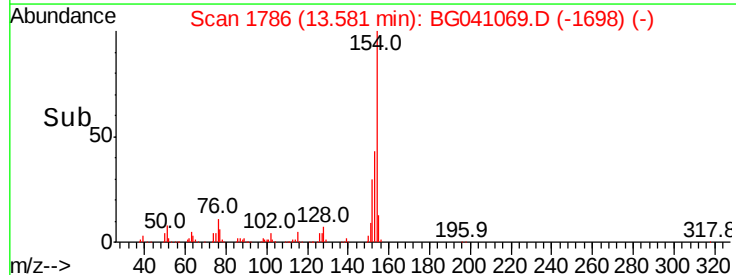
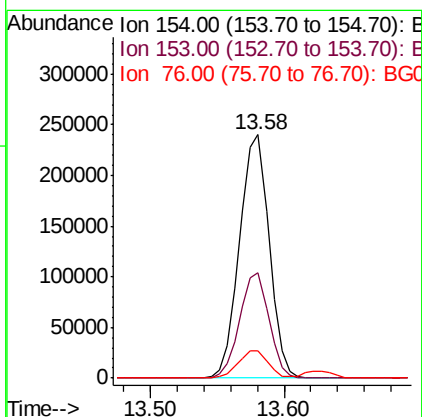
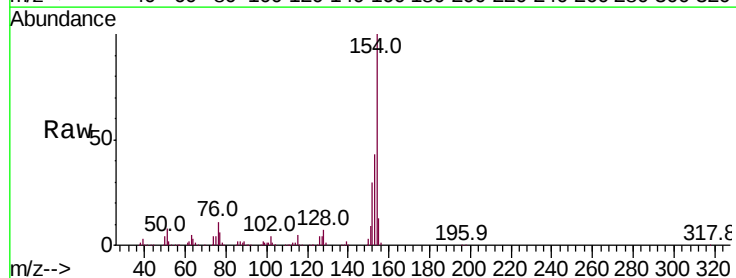
Instrument :
BNA_G
ClientSampleId :
PB120267BS

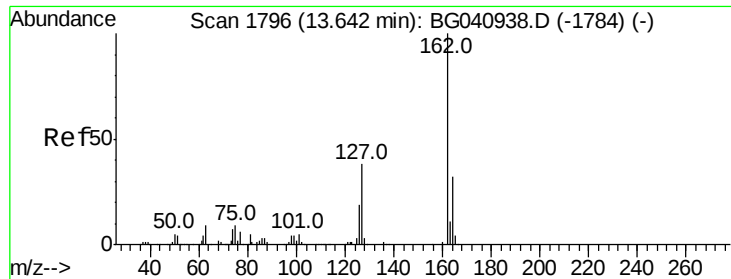
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.1	46.7
170	25.4	20.5	30.7



#46
1,1'-Biphenyl
Concen: 44.544 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.3	63.3
76	11.1	0.0	31.1

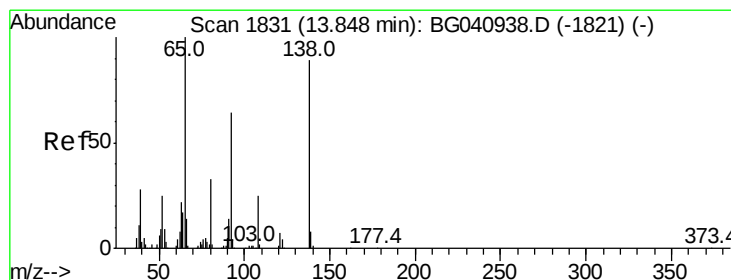
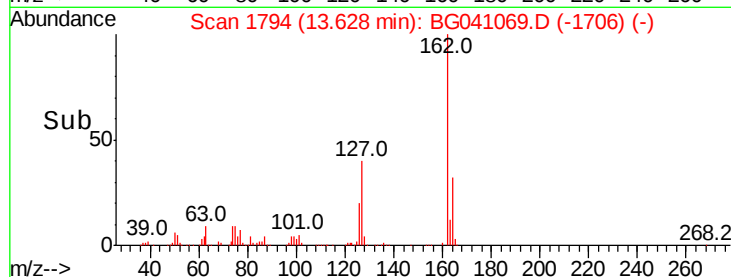
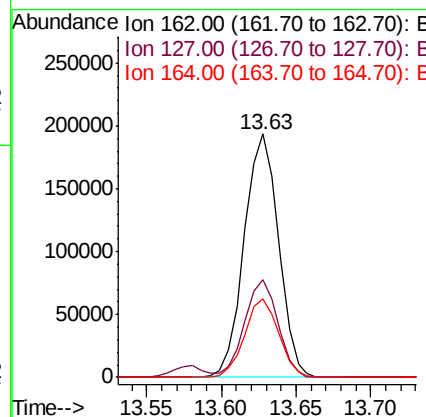
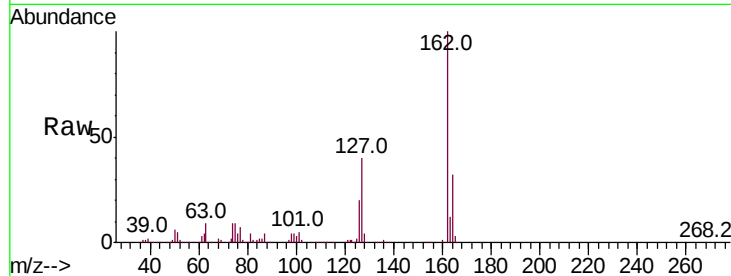




#47
2-Chloronaphthalene
Concen: 43.471 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

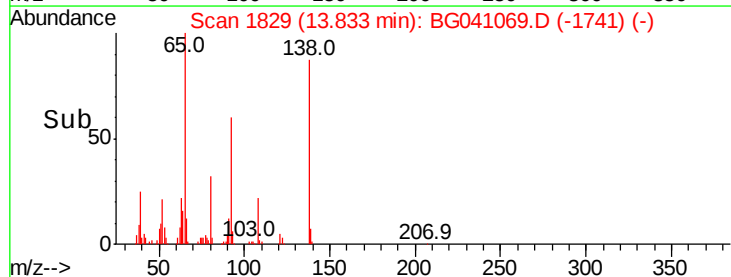
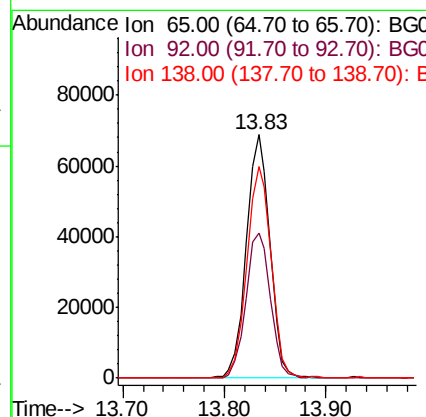
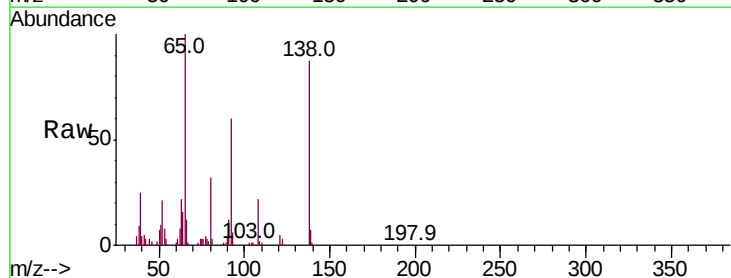
Instrument :
BNA_G
ClientSampleId :
PB120267BS

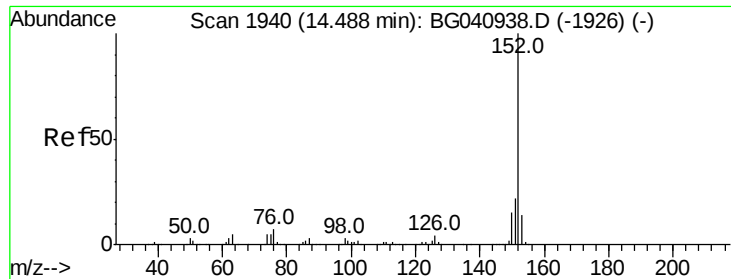
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.5	45.7
164	32.2	25.8	38.6



#48
2-Nitroaniline
Concen: 43.841 ng
RT: 13.83 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	51.0	76.6
138	86.8	71.2	106.8





#49

Acenaphthylene

Concen: 44.909 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

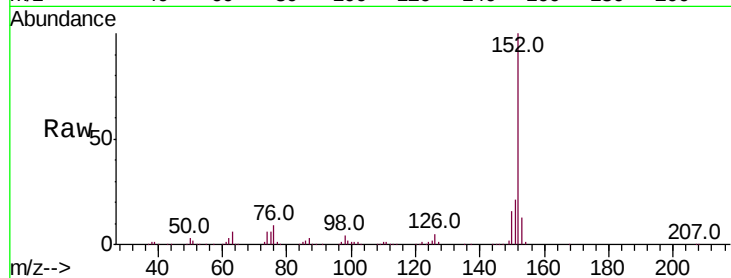
Tot Ion:152 Resp: 478112

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

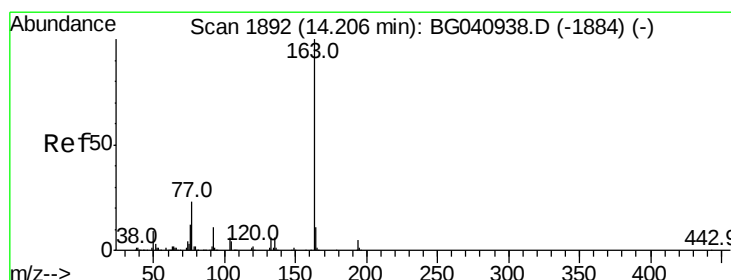
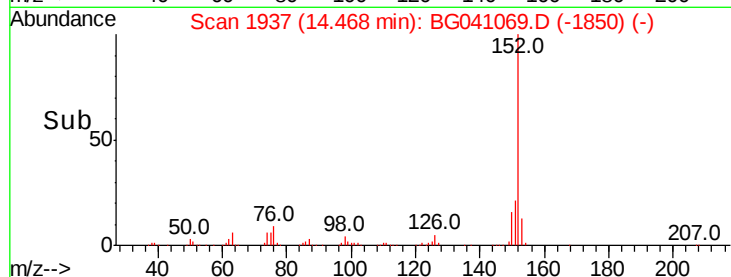
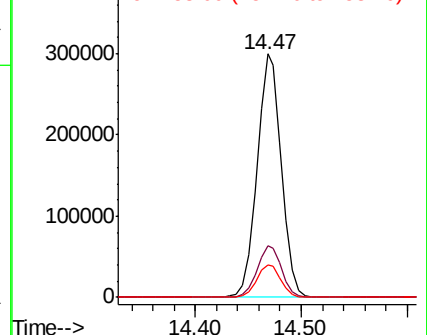
153 13.1 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.134 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

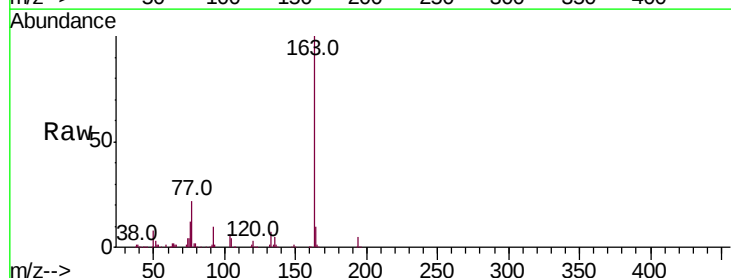
Tgt Ion:163 Resp: 406438

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

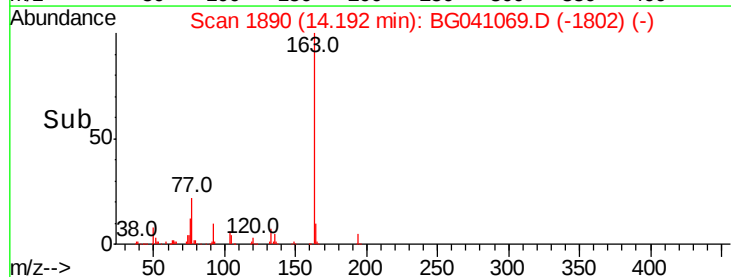
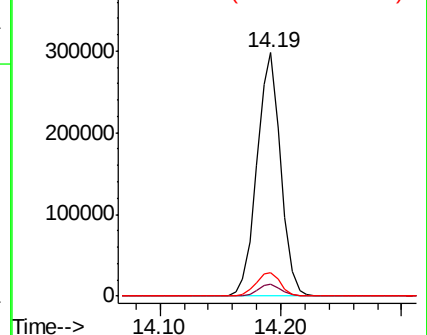
164 9.6 8.7 13.1

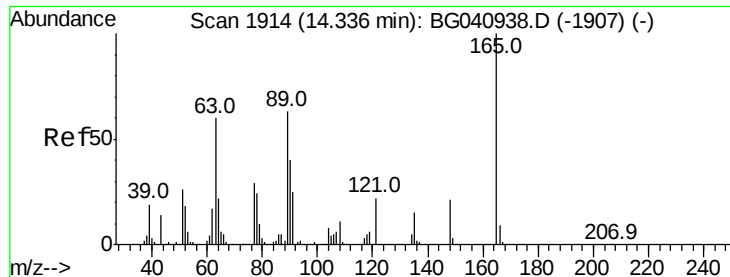


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

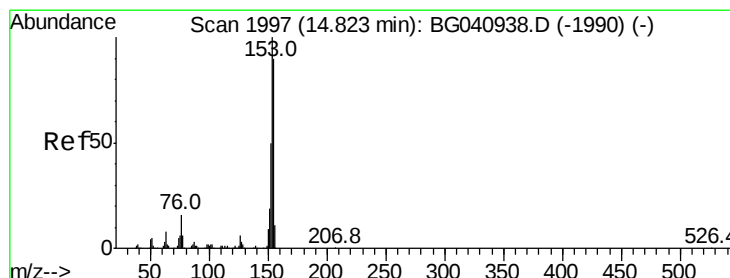
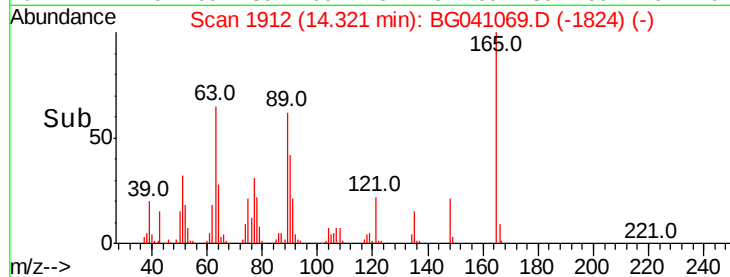
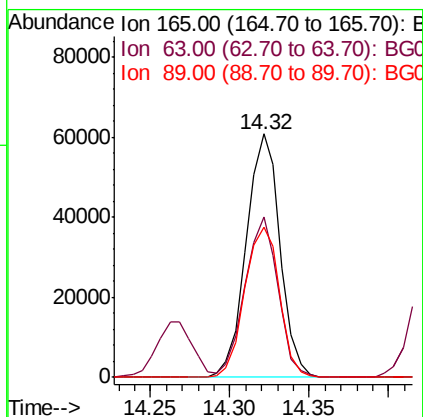
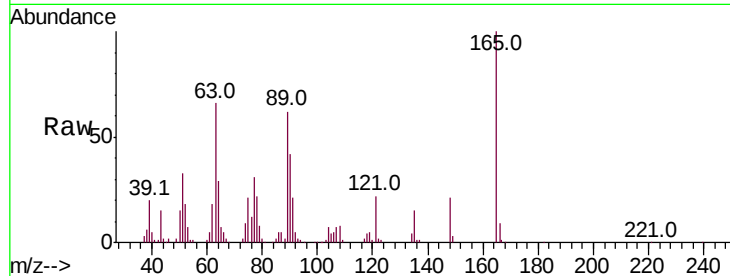




#51
 2,6-Dinitrotoluene
 Concen: 44.198 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

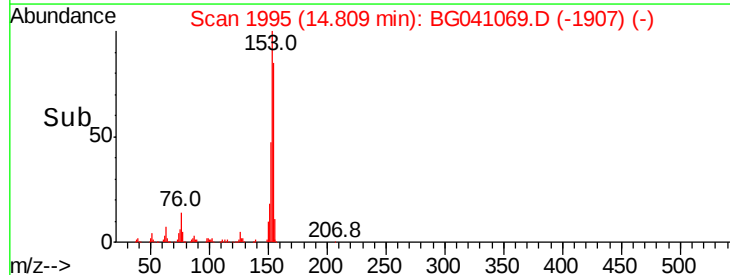
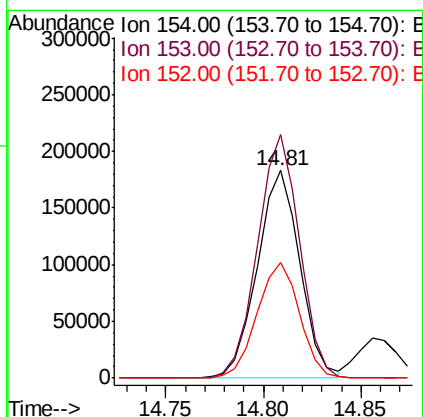
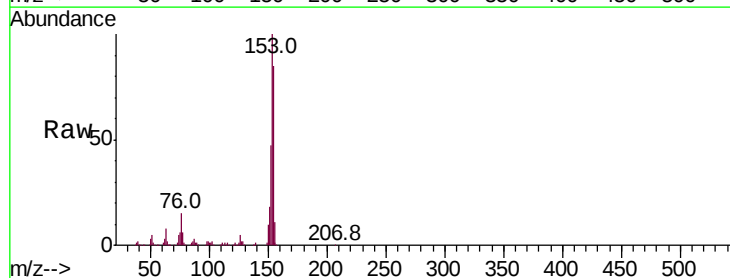
Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

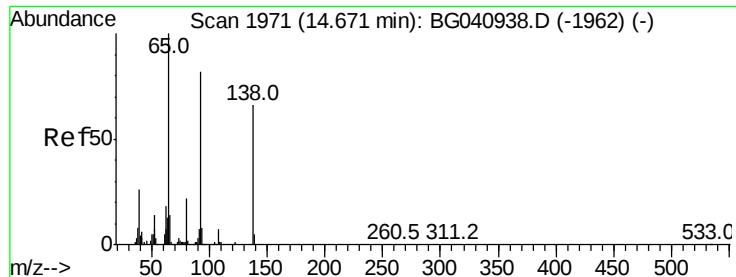
Tot Ion:165 Resp: 89793
 Ion Ratio Lower Upper
 165 100
 63 65.8 53.6 80.4
 89 61.8 50.4 75.6



#52
 Acenaphthene
 Concen: 42.731 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion:154 Resp: 275587
 Ion Ratio Lower Upper
 154 100
 153 117.4 88.6 133.0
 152 55.7 44.2 66.4





#53

3-Nitroaniline

Concen: 29.386 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

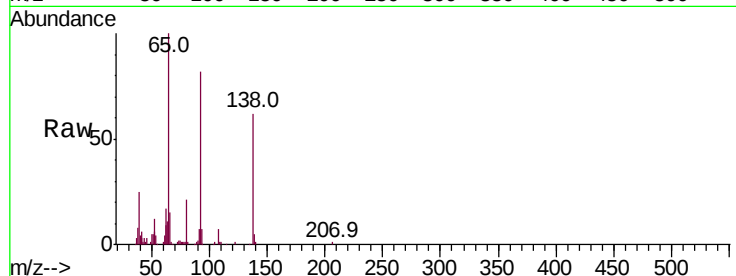
Tot Ion:138 Resp: 59699

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

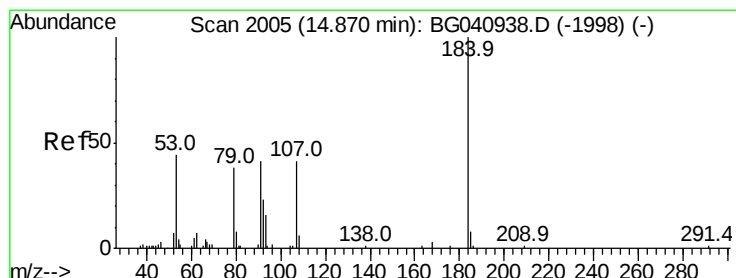
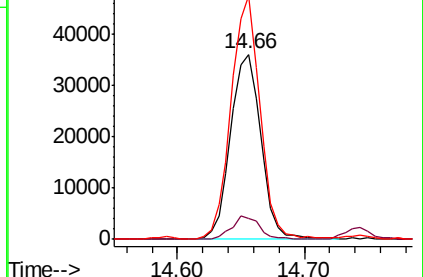
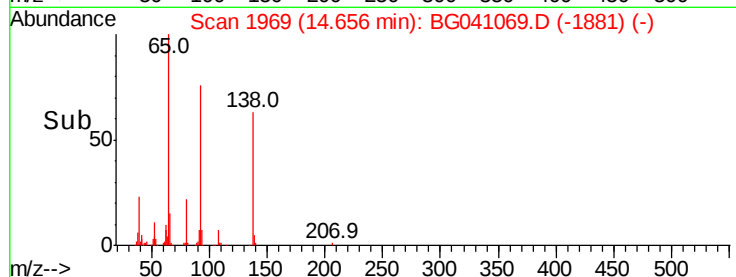
92 131.8 99.0 148.6



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: 82.115 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

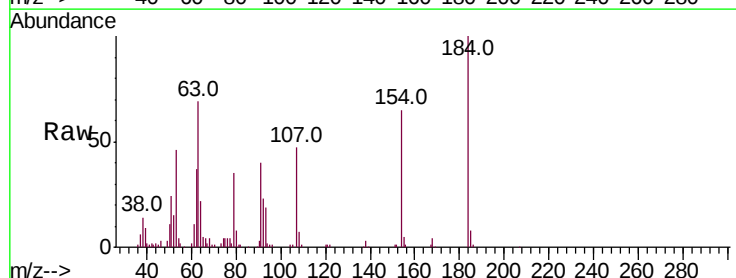
Tgt Ion:184 Resp: 87940

Ion Ratio Lower Upper

184 100

63 68.6 49.8 74.6

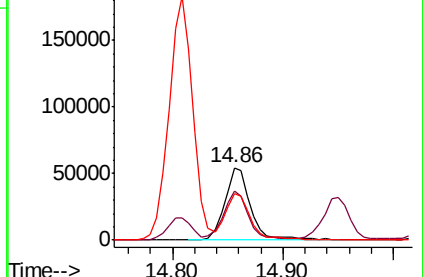
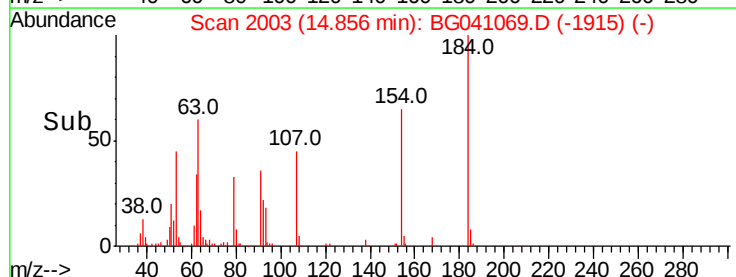
154 65.0 52.2 78.4

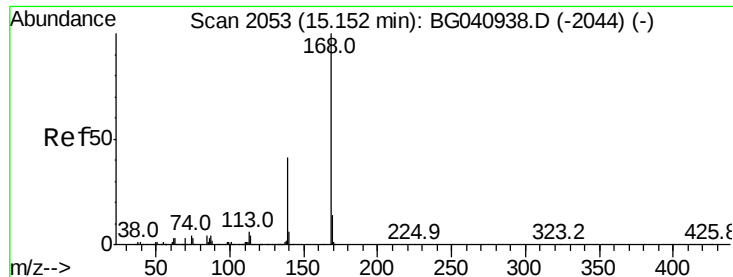


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.474 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

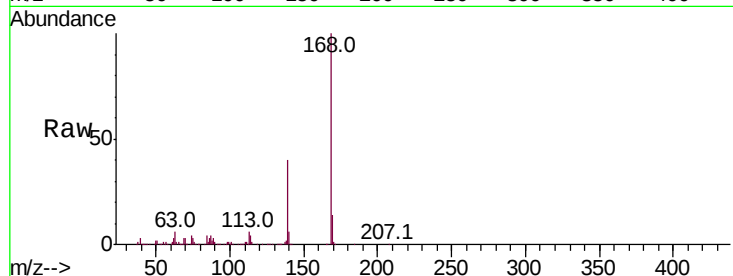
Tot Ion:168 Resp: 482637

Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.8	49.2
169	13.8	11.3	16.9

168 100

139 40.0 32.8 49.2

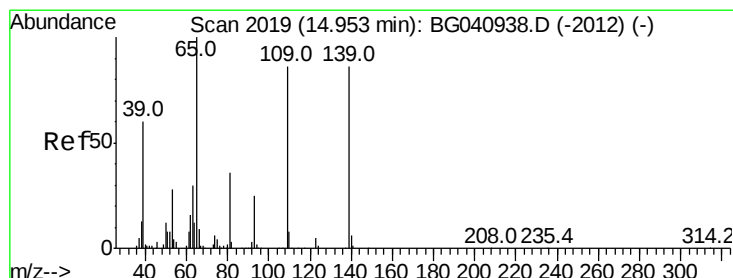
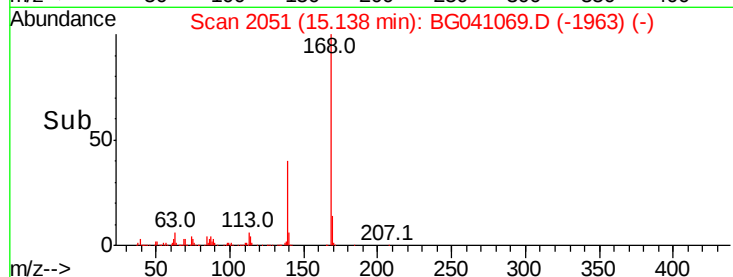
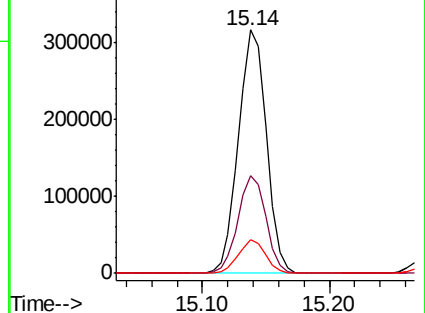
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 99.937 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

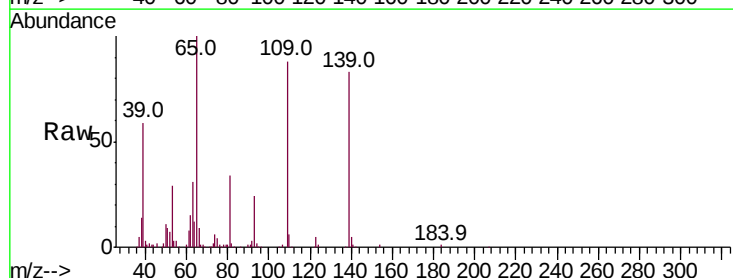
Tgt Ion:139 Resp: 139258

Ion	Ratio	Lower	Upper
139	100		
109	106.1	79.6	119.6
65	121.2	96.9	136.9

139 100

109 106.1 79.6 119.6

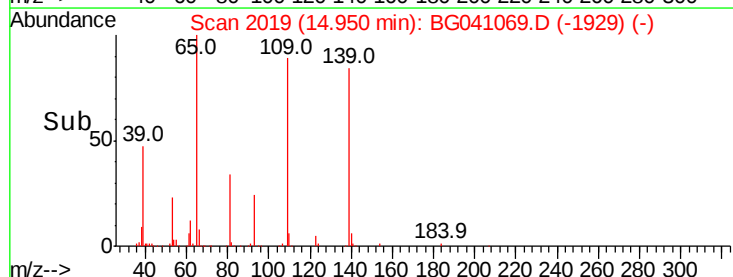
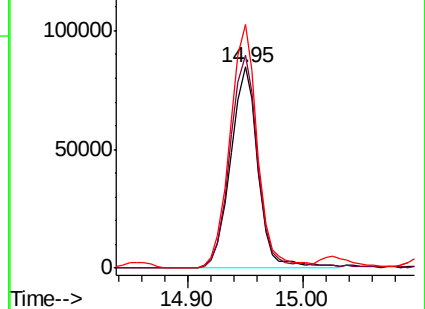
65 121.2 96.9 136.9

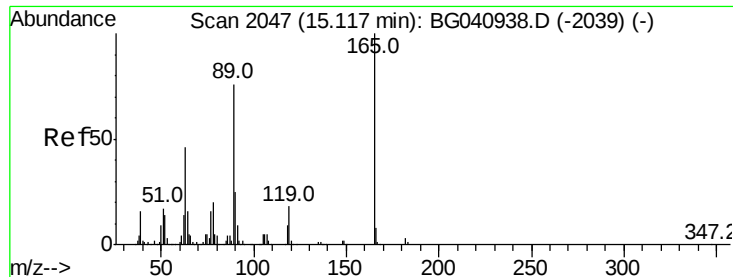


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

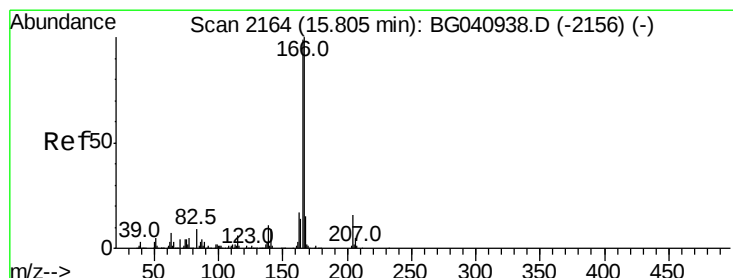
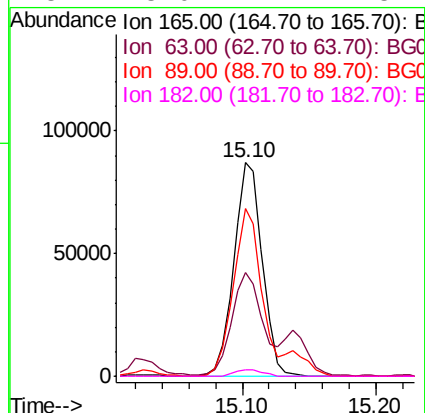
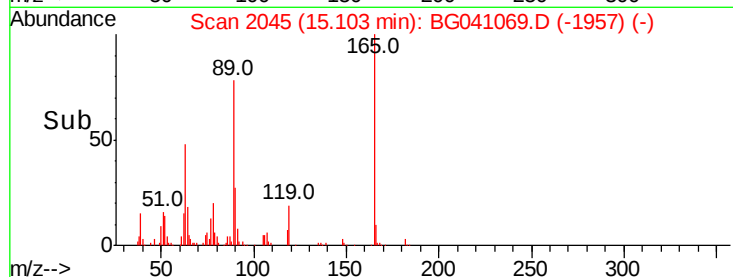
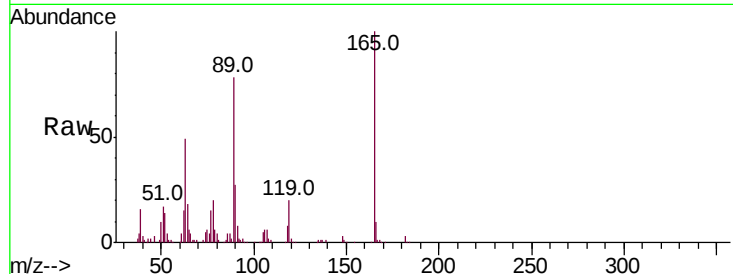




#57
2,4-Dinitrotoluene
Concen: 44.888 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

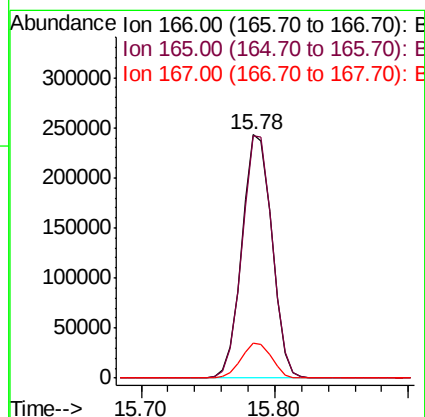
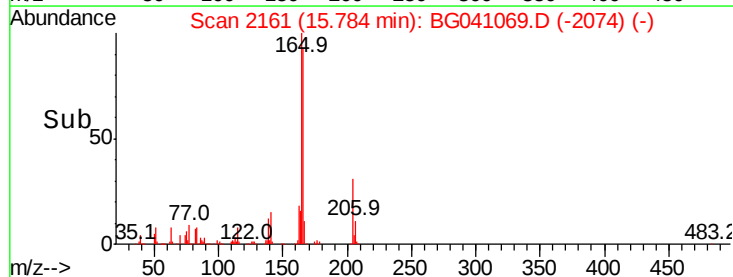
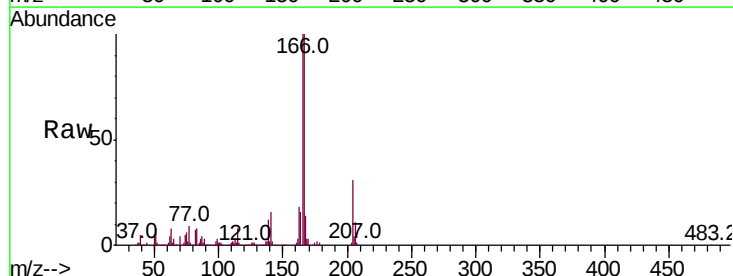
Instrument :
BNA_G
ClientSampleId :
PB120267BS

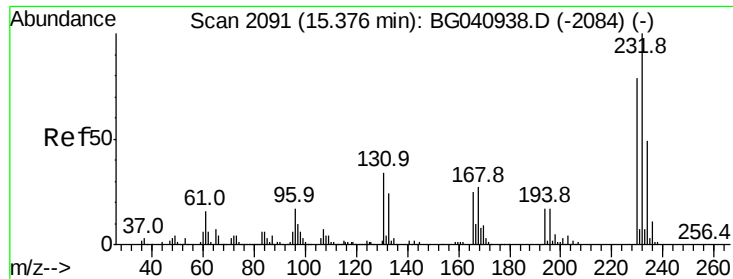
Tot Ion:165 Resp: 128821
Ion Ratio Lower Upper
165 100
63 48.6 37.3 55.9
89 78.2 61.0 91.6
182 3.0 2.2 3.2



#58
Fluorene
Concen: 43.436 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion:166 Resp: 375395
Ion Ratio Lower Upper
166 100
165 99.8 79.2 118.8
167 14.3 11.8 17.6

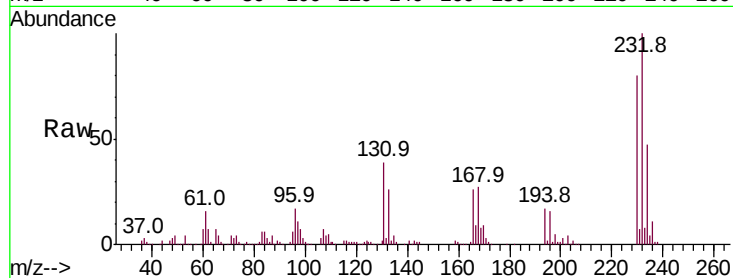




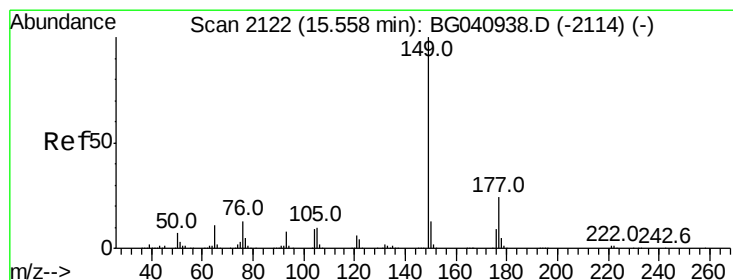
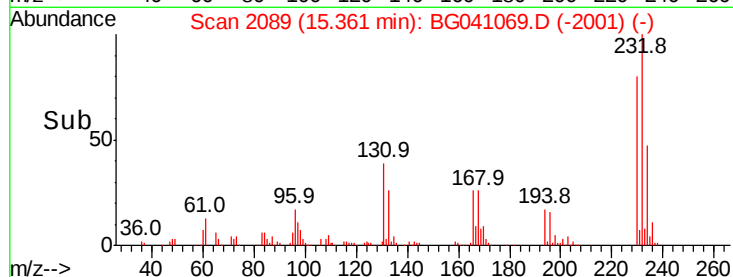
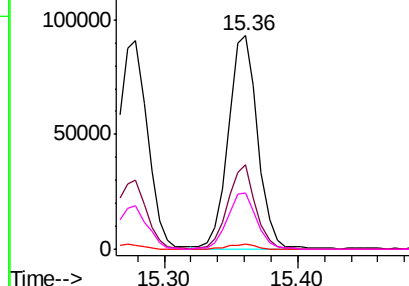
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.509 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion:	232	Resp:	142913
Ion	Ratio	Lower	Upper
232	100		
131	37.2	30.3	45.5
130	2.5	1.8	2.8
166	26.5	21.3	31.9

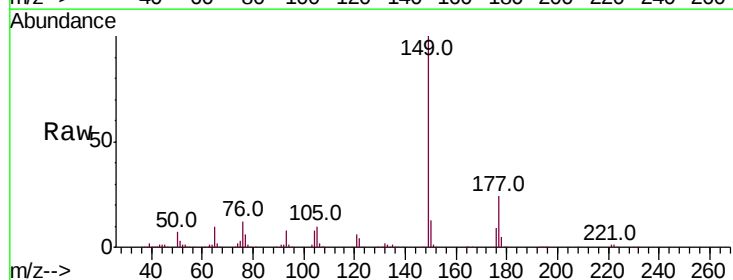


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

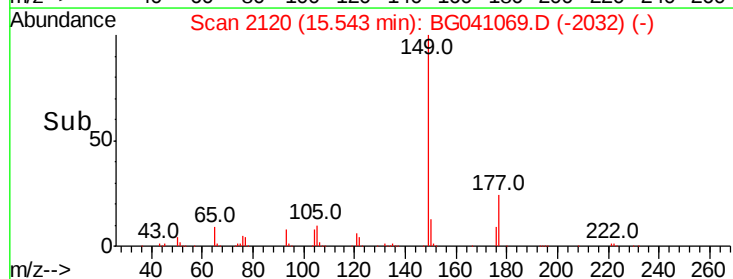
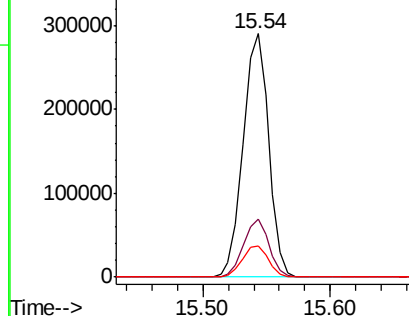


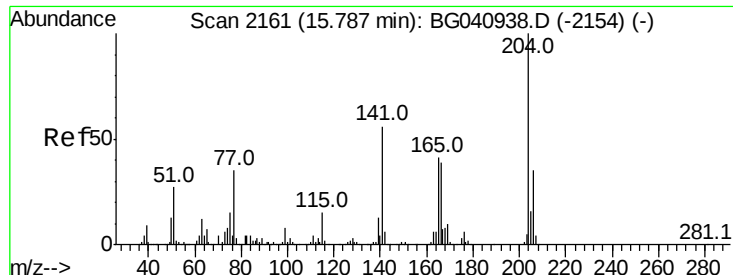
#60
 Diethylphthalate
 Concen: 42.015 ng
 RT: 15.54 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion:	149	Resp:	404020
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.4	29.0
150	12.9	10.3	15.5



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

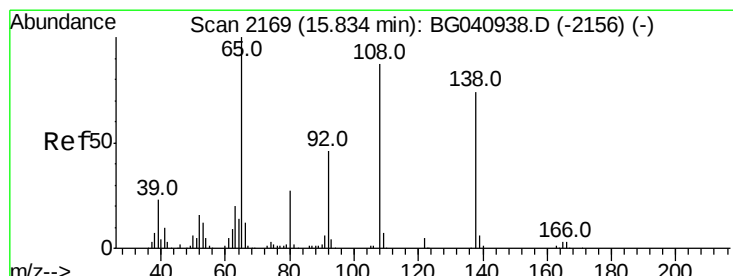
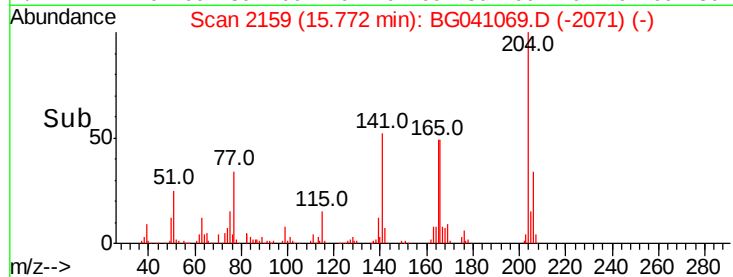
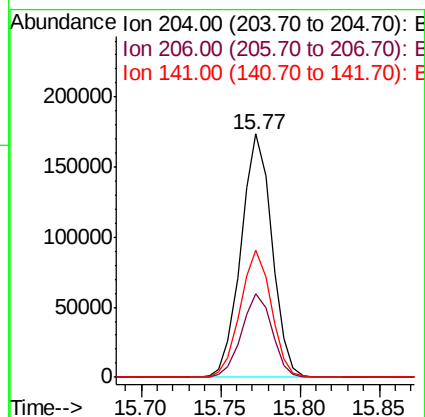
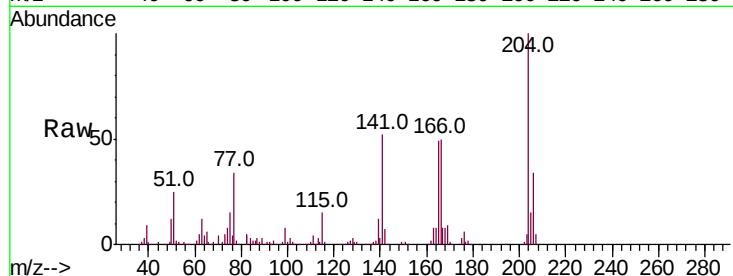




#61
4-Chlorophenyl-phenylether
Concen: 41.828 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

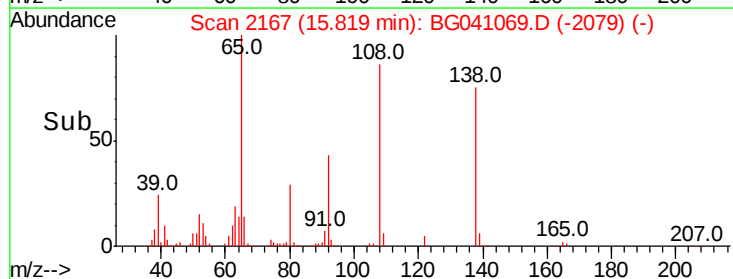
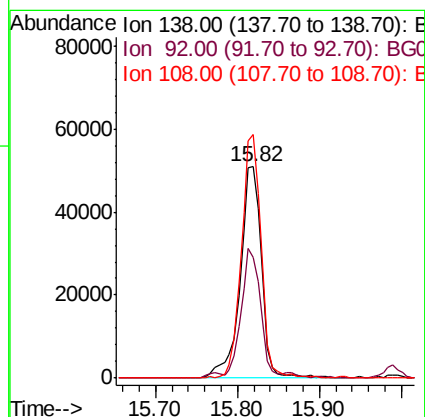
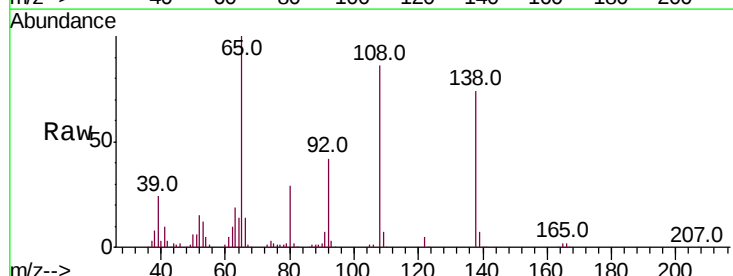
Instrument :
BNA_G
ClientSampleId :
PB120267BS

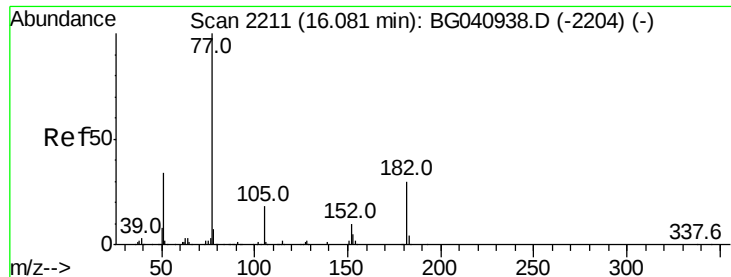
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.6	41.4
141	52.1	45.1	67.7



#62
4-Nitroaniline
Concen: 43.034 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.1	42.4	82.4
108	115.4	96.9	136.9





#63

Azobenzene

Concen: 43.637 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

Tot Ion: 77 Resp: 381388

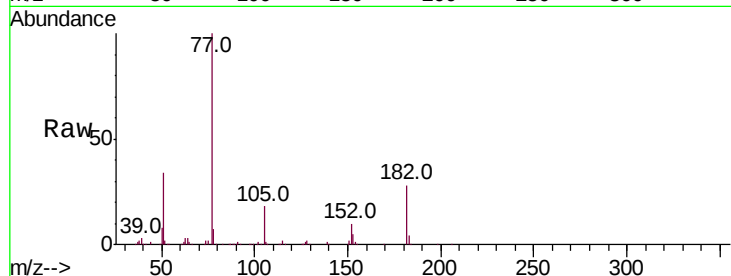
Ion Ratio Lower Upper

77 100

182 28.0 9.6 49.6

105 18.1 0.0 37.5

51 33.9 13.7 53.7

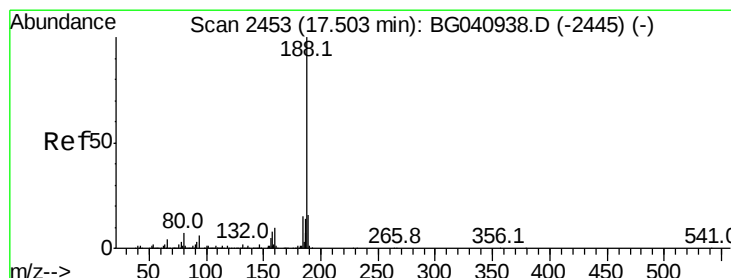
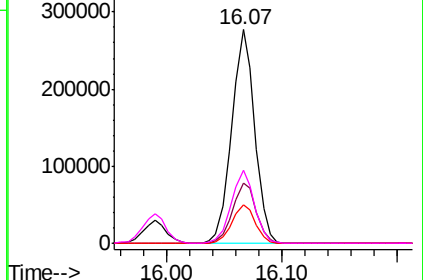
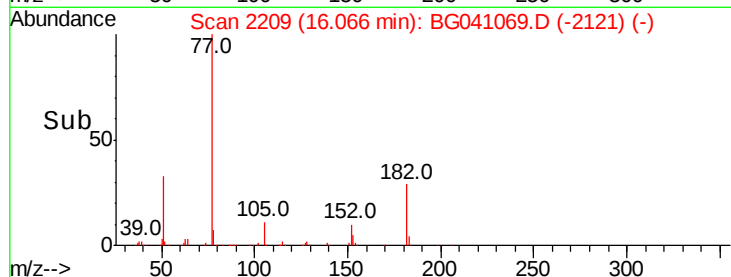


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

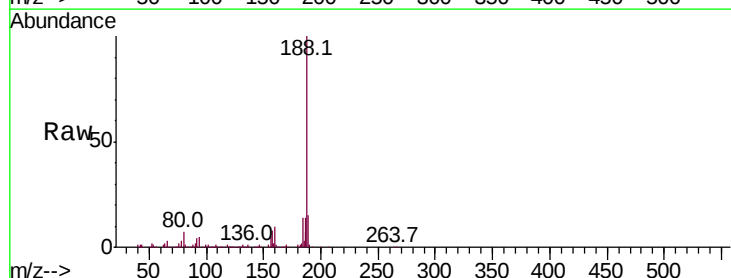
Tgt Ion: 188 Resp: 285193

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

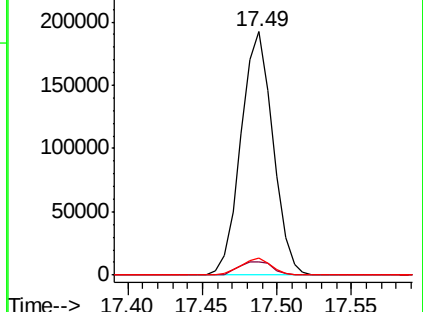
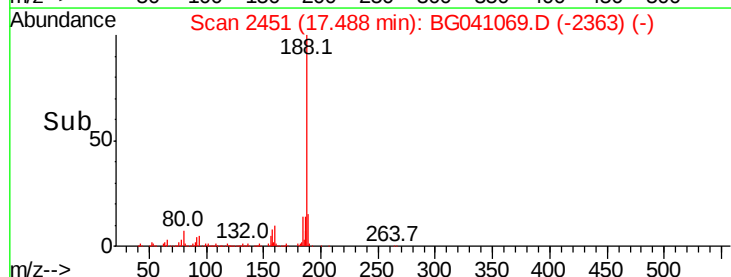
80 7.2 5.8 8.8

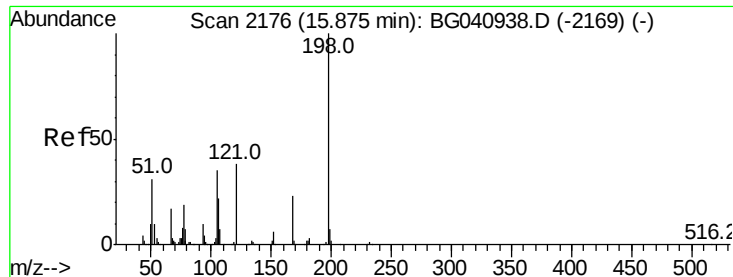


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.791 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

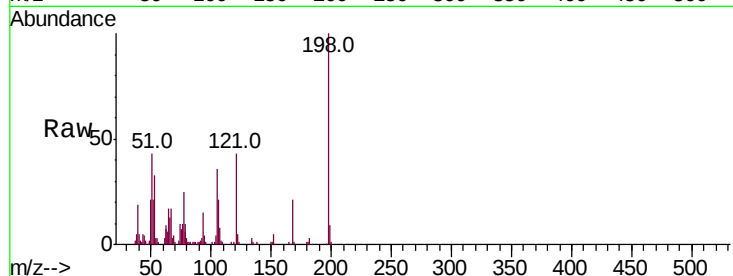
Tot Ion:198 Resp: 72966

Ion Ratio Lower Upper

198 100

51 43.3 21.6 61.6

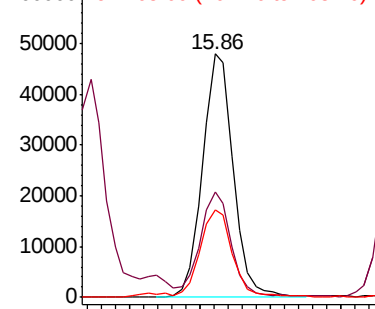
105 36.0 17.5 57.5



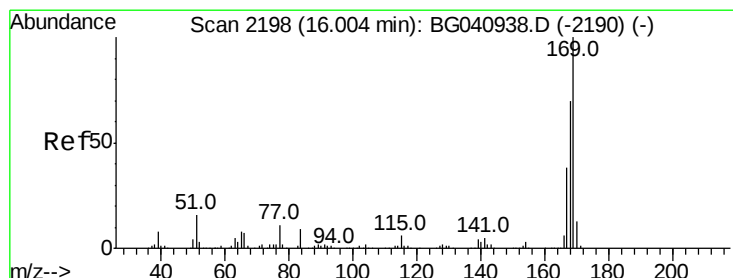
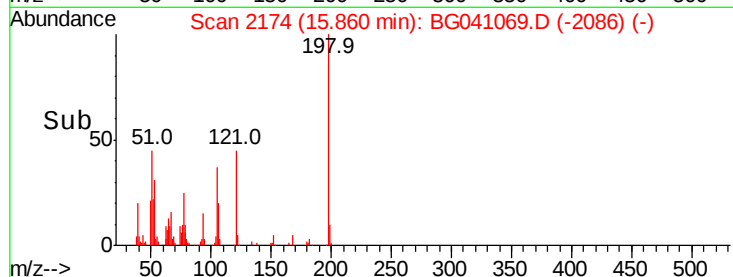
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.376 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

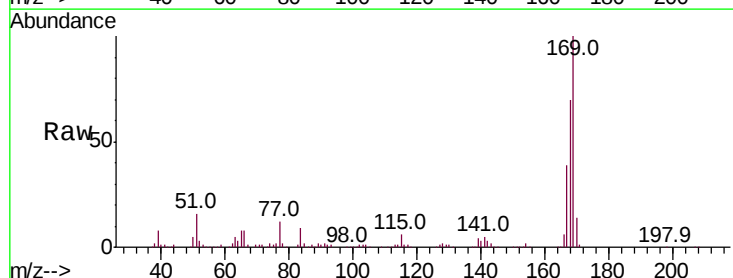
Tgt Ion:169 Resp: 347753

Ion Ratio Lower Upper

169 100

168 70.2 55.7 83.5

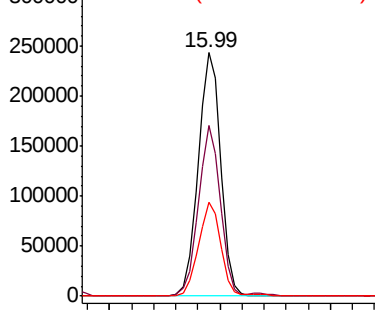
167 38.7 30.2 45.2



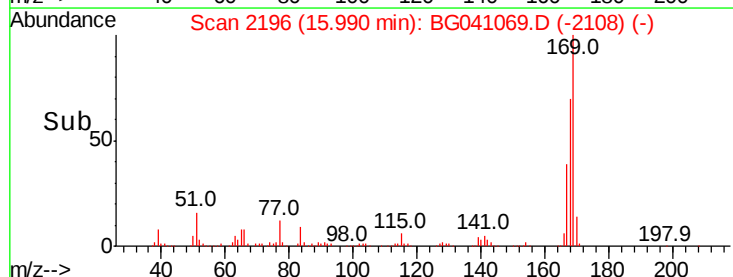
Abundance Ion 169.00 (168.70 to 169.70): E

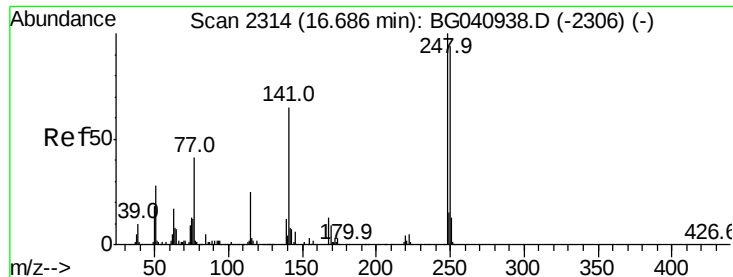
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

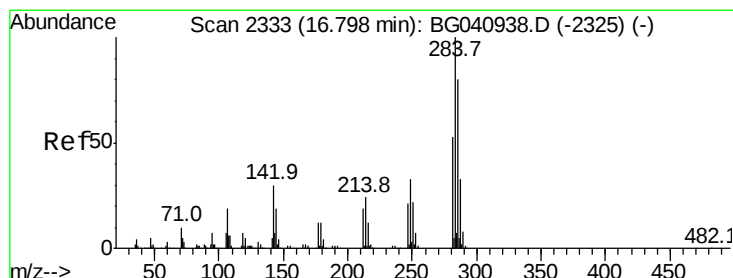
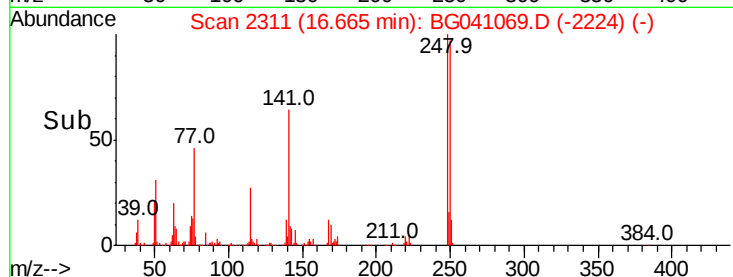
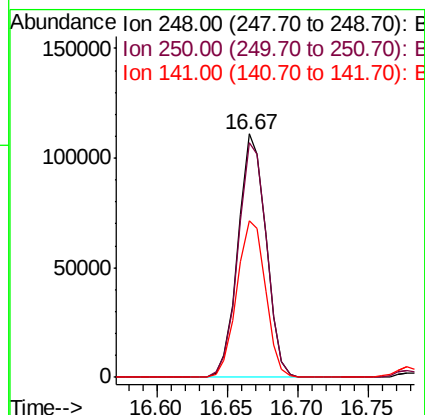
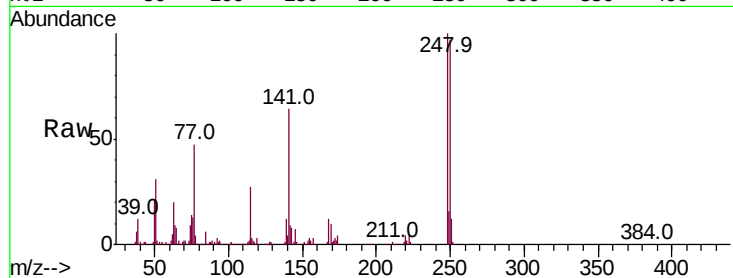




#67
4-Bromophenyl-phenylether
Concen: 39.782 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

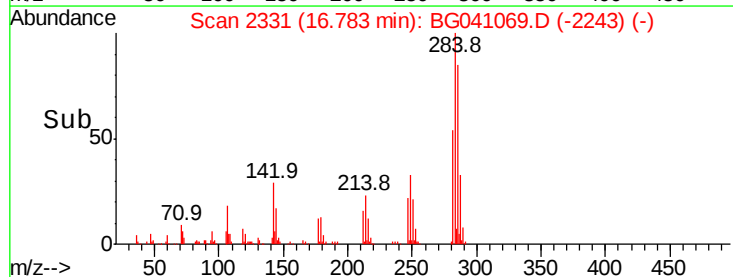
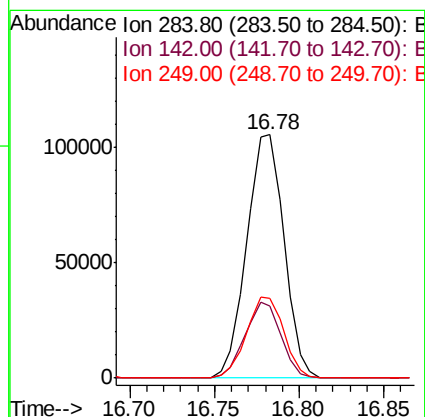
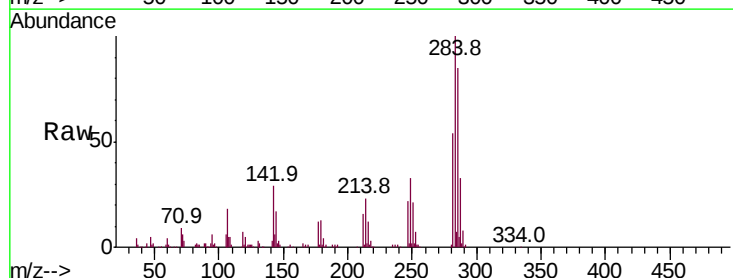
Instrument :
BNA_G
ClientSampleId :
PB120267BS

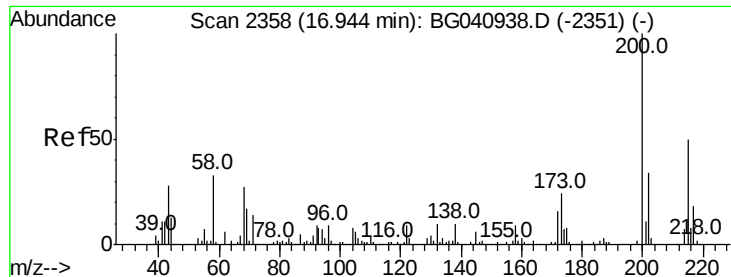
Tot Ion:248 Resp: 153111
Ion Ratio Lower Upper
248 100
250 96.5 75.0 112.4
141 64.2 52.4 78.6



#68
Hexachlorobenzene
Concen: 39.653 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion:284 Resp: 162514
Ion Ratio Lower Upper
284 100
142 29.5 23.9 35.9
249 32.8 26.8 40.2





#69

Atrazine

Concen: 47.976 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

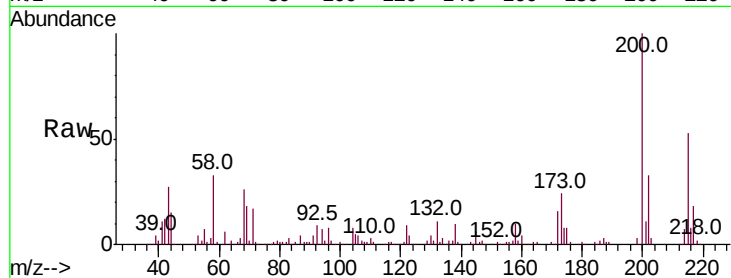
Tot Ion:200 Resp: 148411

Ion Ratio Lower Upper

200 100

173 24.1 3.6 43.6

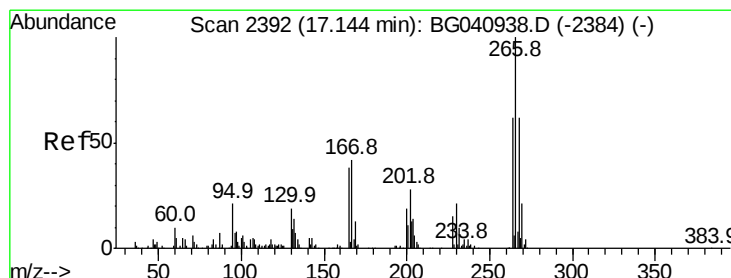
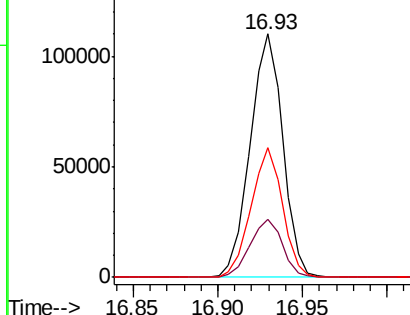
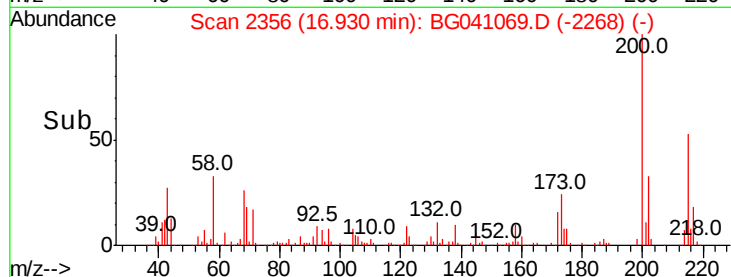
215 53.4 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.590 ng

RT: 17.13 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

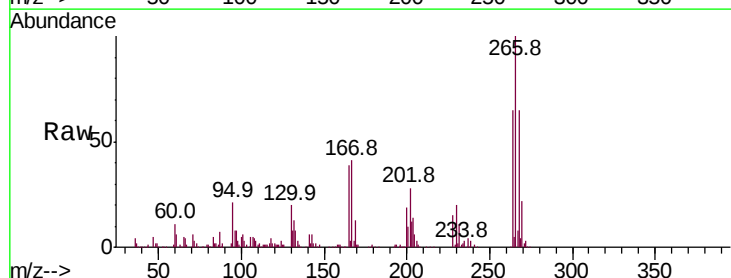
Tgt Ion:266 Resp: 195558

Ion Ratio Lower Upper

266 100

268 64.7 53.1 79.7

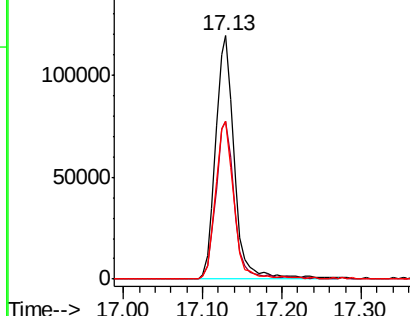
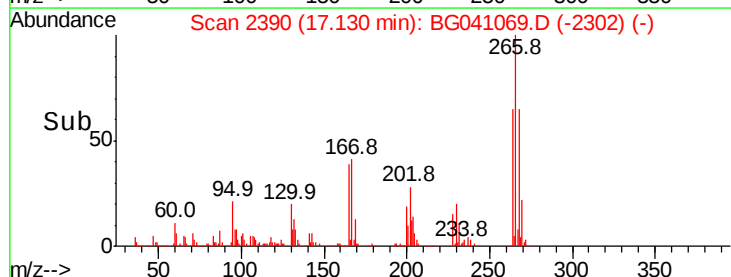
264 64.8 49.9 74.9

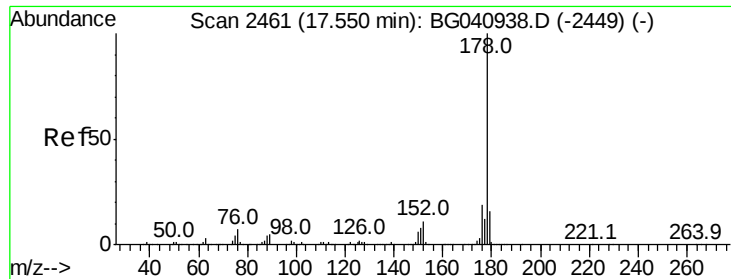


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.949 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

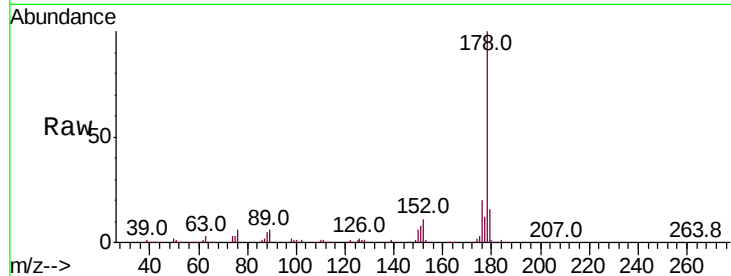
Tot Ion:178 Resp: 652874

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

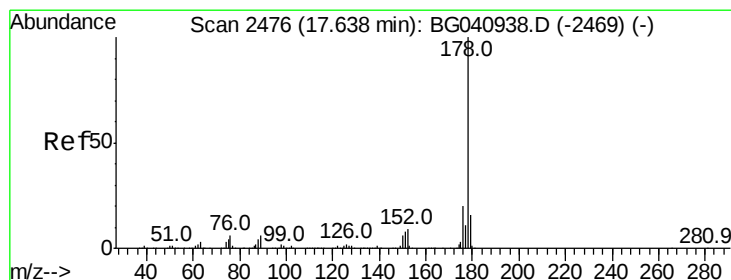
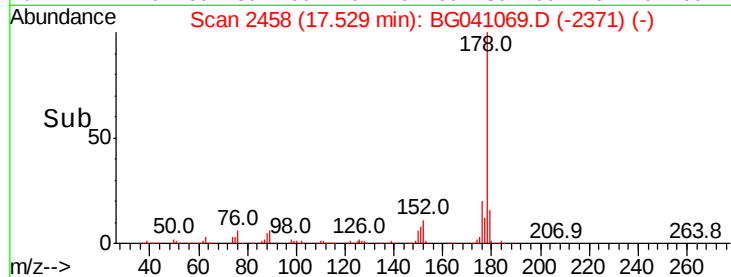
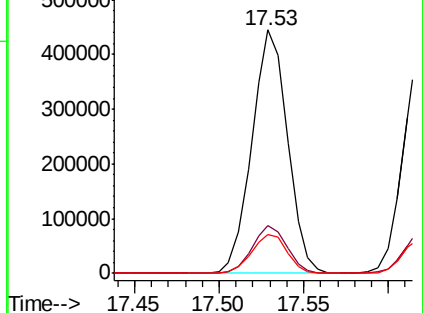
179 15.9 12.7 19.1



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: 46.418 ng

RT: 17.62 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

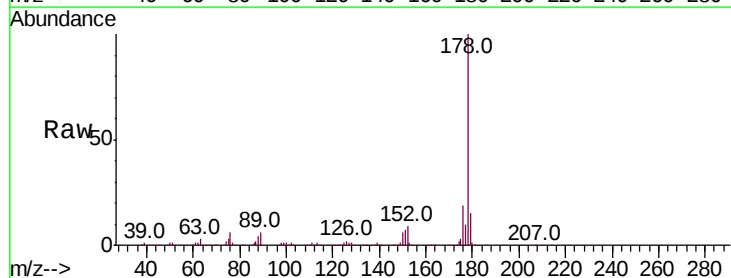
Tgt Ion:178 Resp: 680087

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

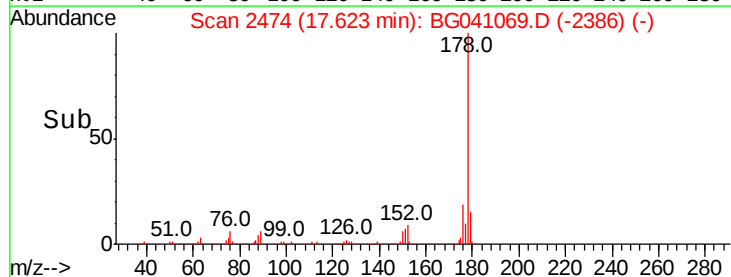
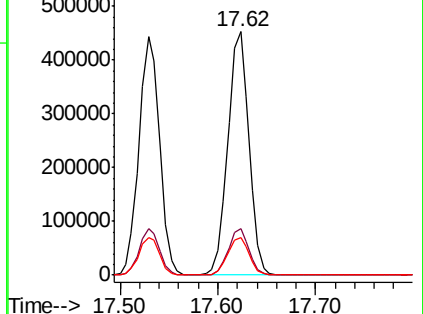
179 15.2 13.0 19.4

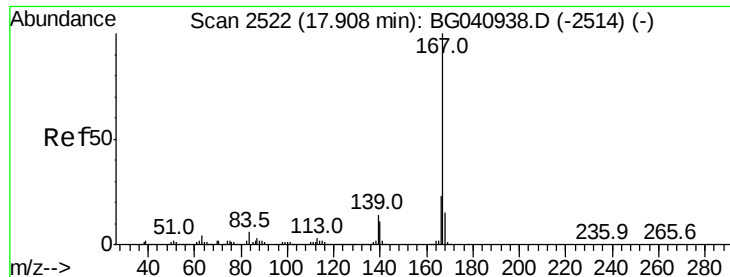


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

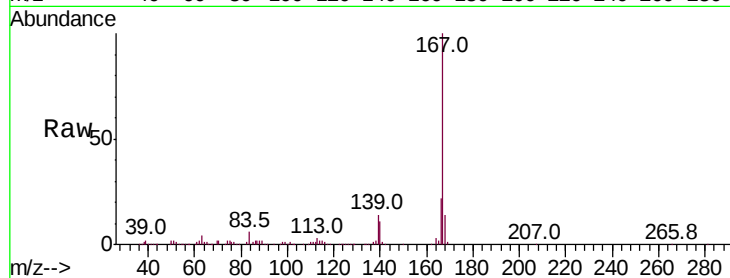




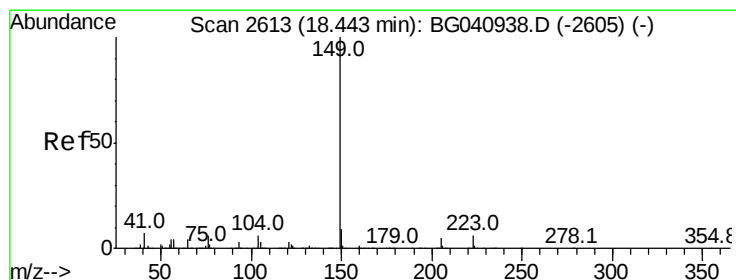
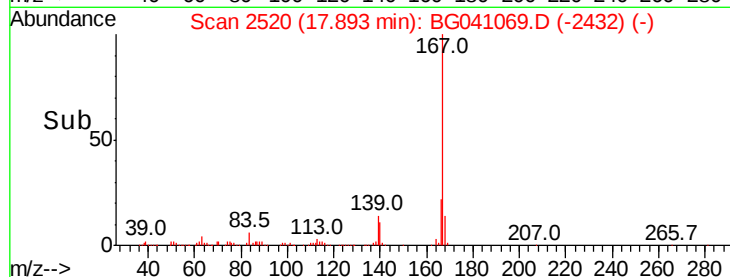
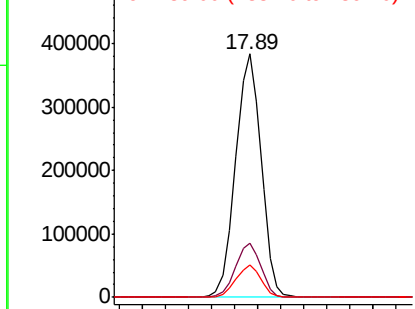
#73
 Carbazole
 Concen: 46.874 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.6	10.8	16.2

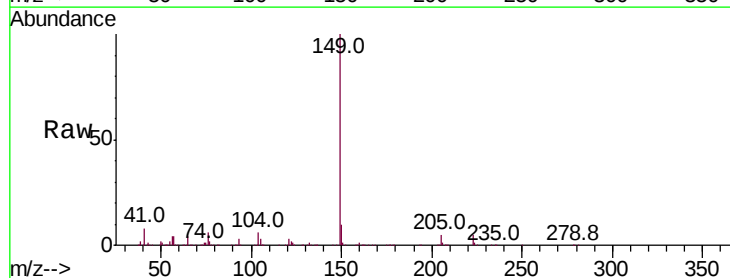


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

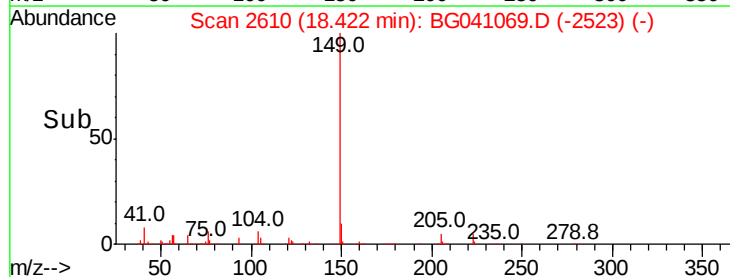
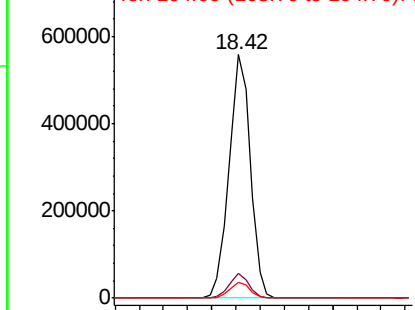


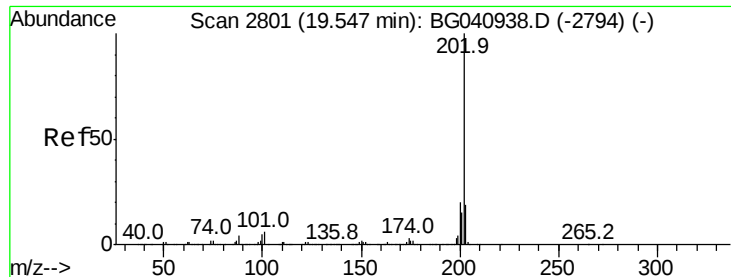
#74
 Di-n-butylphthalate
 Concen: 43.974 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.4	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.356 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

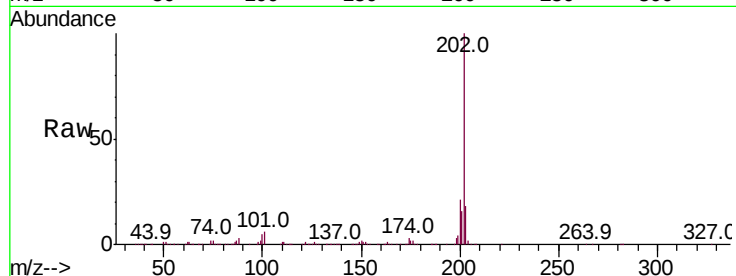
Tot Ion:202 Resp: 868920

Ion Ratio Lower Upper

202 100

101 5.8 0.0 26.2

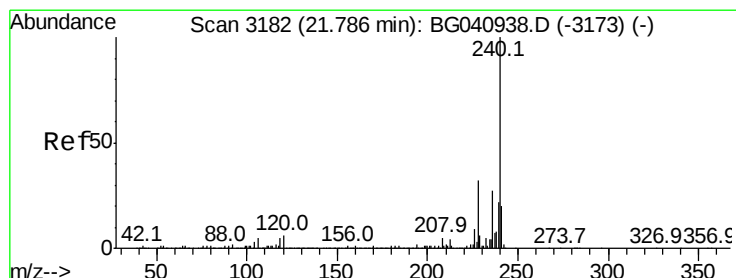
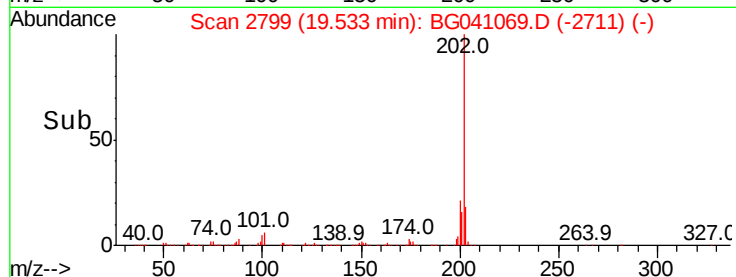
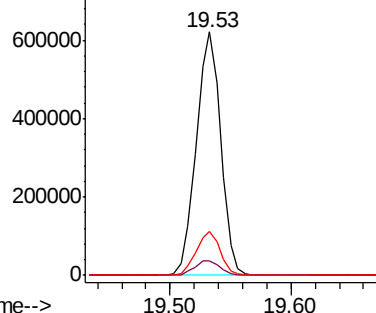
203 18.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

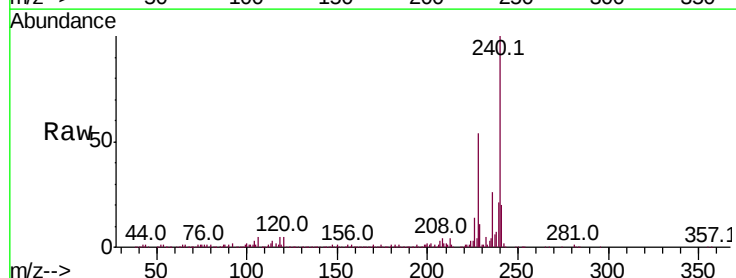
Tgt Ion:240 Resp: 297092

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

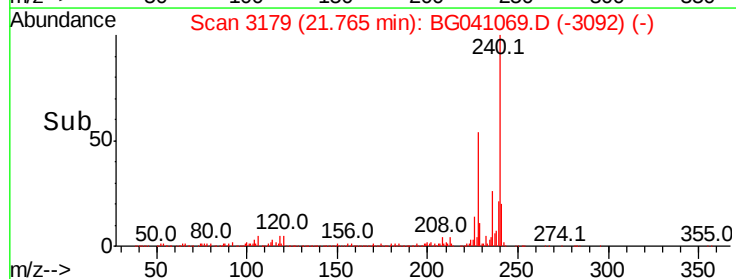
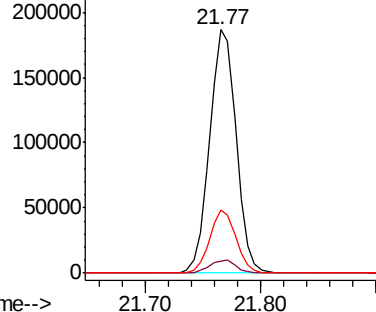
236 26.0 21.3 31.9

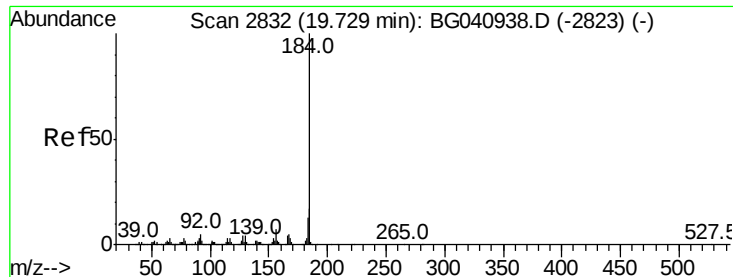


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.638 ng

RT: 19.71 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

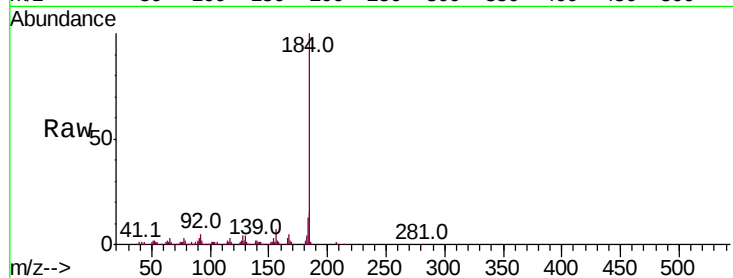
BNA_G

ClientSampled :

PB120267BS

Tot Ion:184 Resp: 323448

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.3	19.9
183	12.7	10.7	16.1

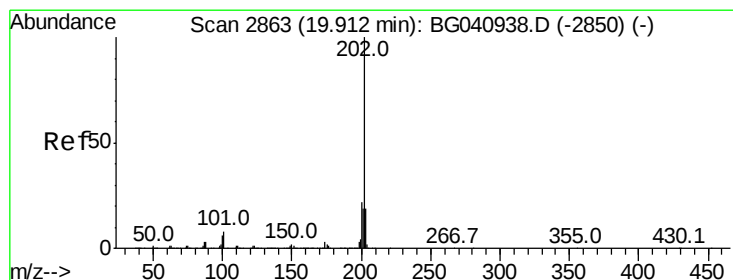
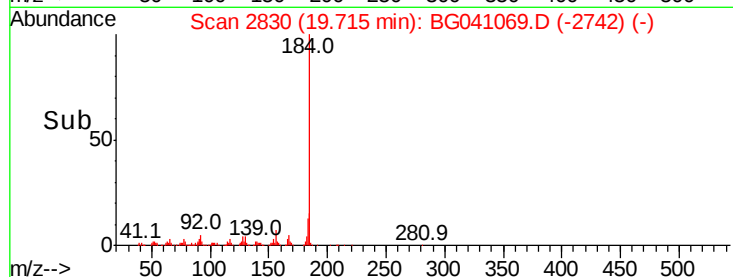
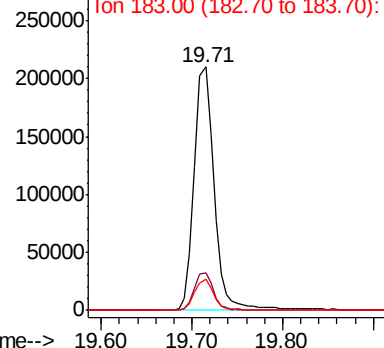


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.863 ng

RT: 19.90 min Scan# 2861

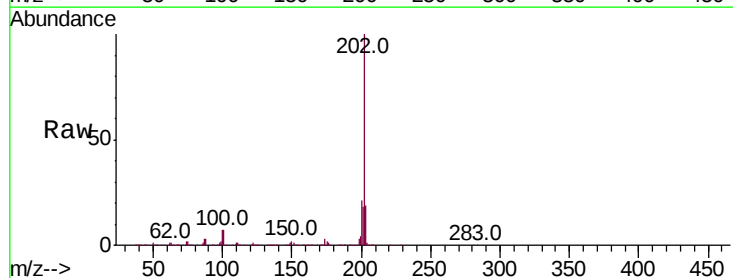
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:202 Resp: 866446

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	19.2	15.6	23.4

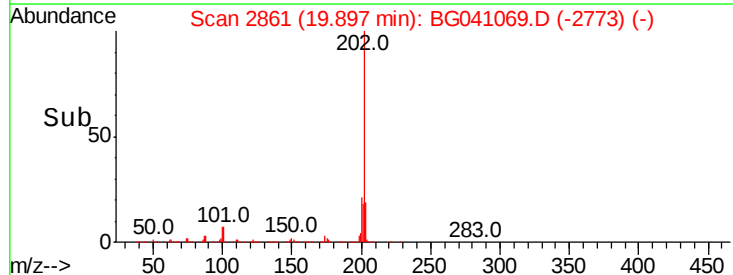
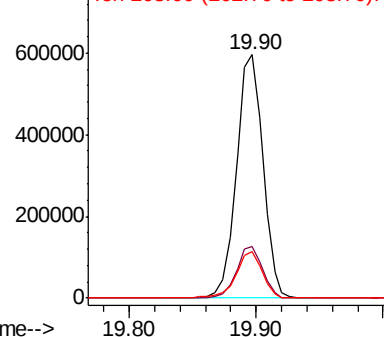


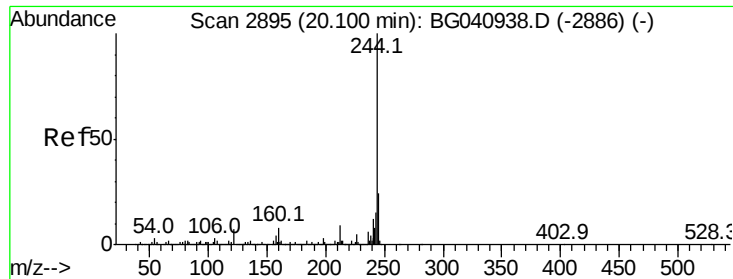
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.207 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

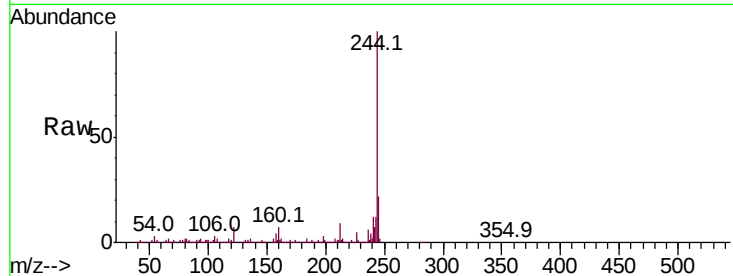
Tot Ion:244 Resp: 1220755

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	7.3	5.4	8.0

244 100

212 8.8 7.0 10.4

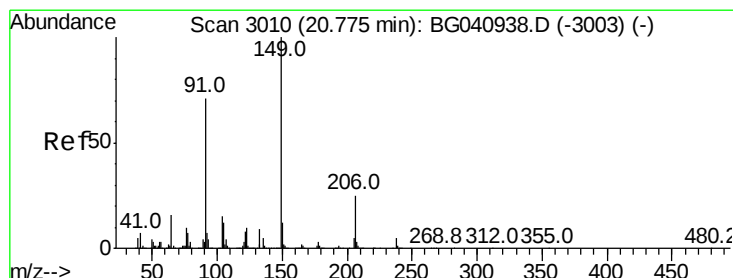
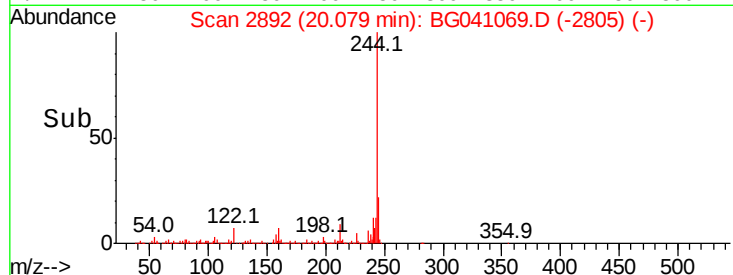
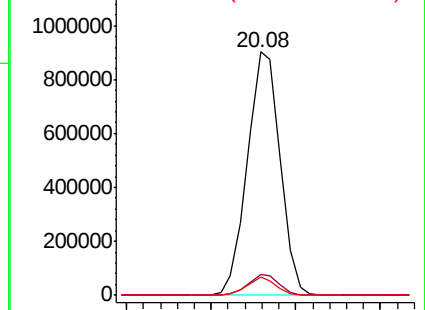
122 7.3 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.907 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

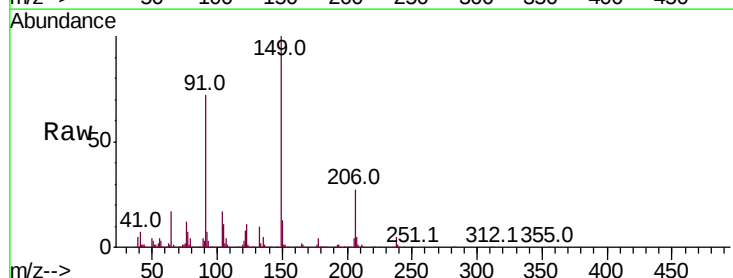
Tgt Ion:149 Resp: 322477

Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.5	84.7
206	26.9	20.3	30.5

149 100

91 72.3 56.5 84.7

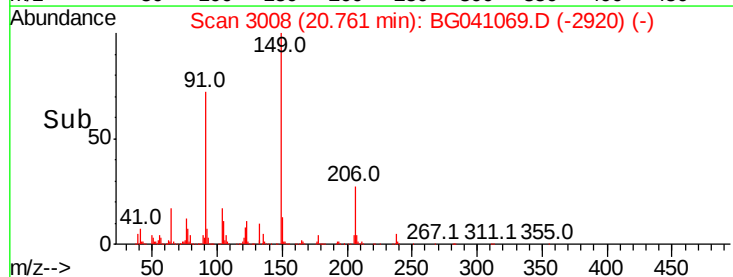
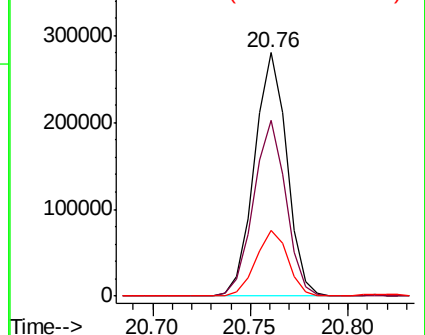
206 26.9 20.3 30.5

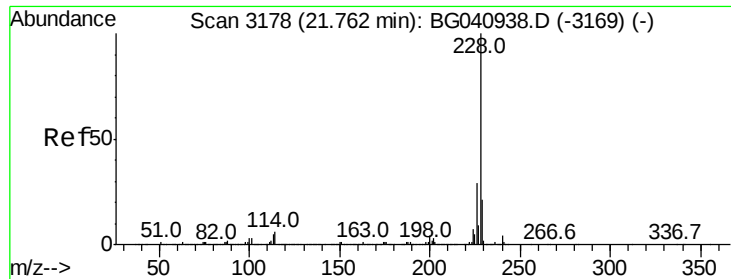


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

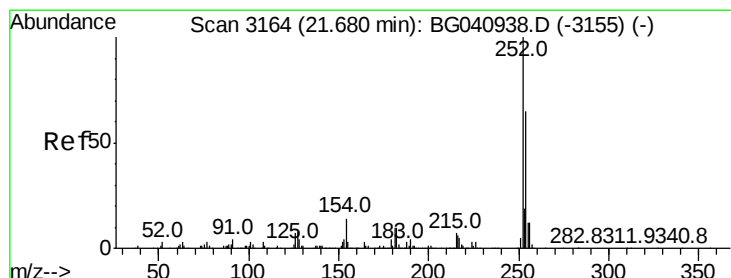
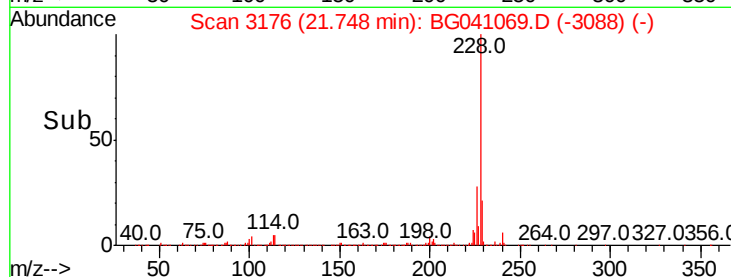
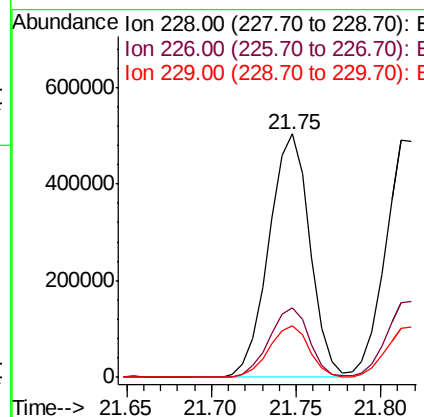
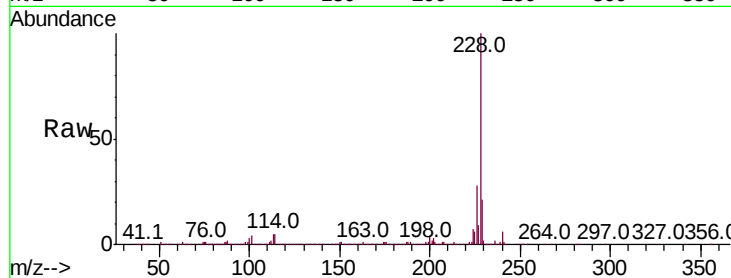




#81
Benzo(a)anthracene
Concen: 42.852 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

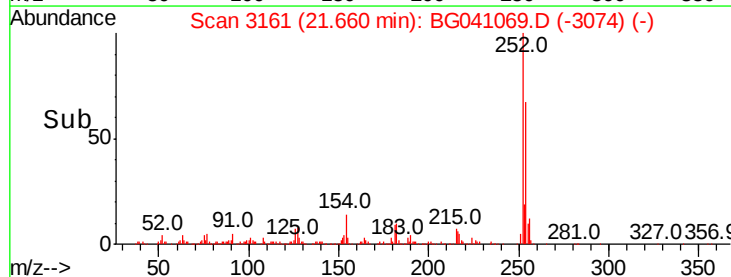
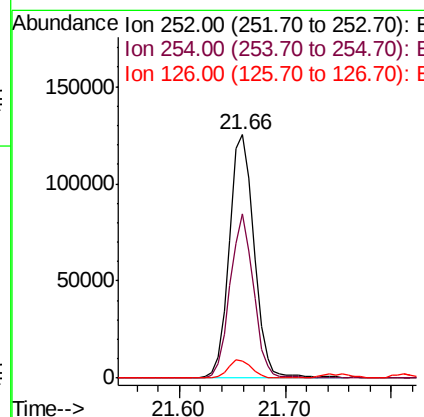
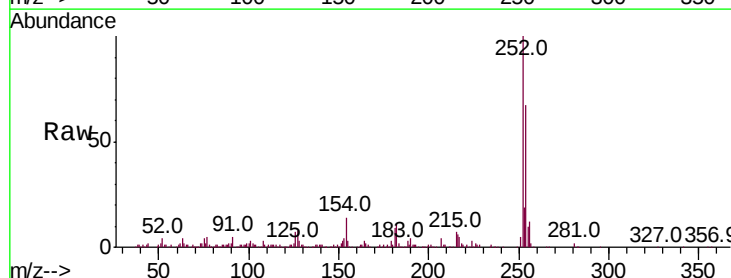
Instrument :
BNA_G
ClientSampleId :
PB120267BS

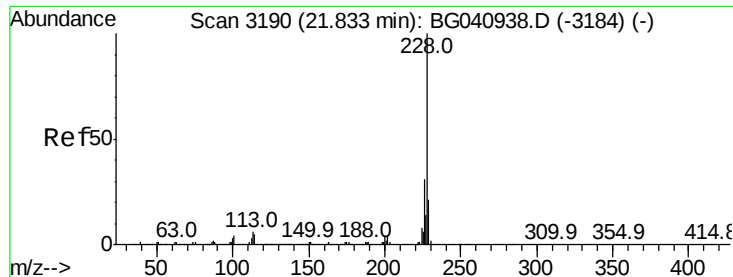
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	21.3	16.7	25.1



#82
3,3'-Dichlorobenzidine
Concen: 29.253 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.4	52.1	78.1
126	6.9	5.5	8.3





#83

Chrysene

Concen: 44.391 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

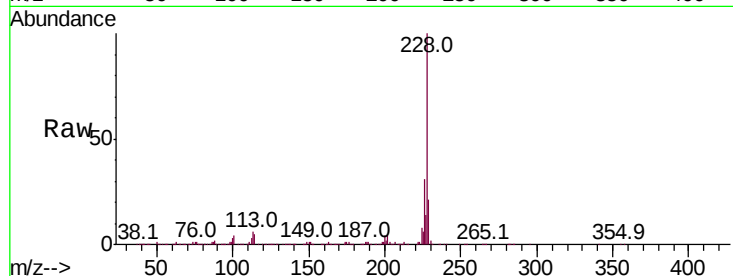
BNA_G

ClientSampleId :

PB120267BS

Tot Ion:228 Resp: 840101

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	20.7	16.6	24.8

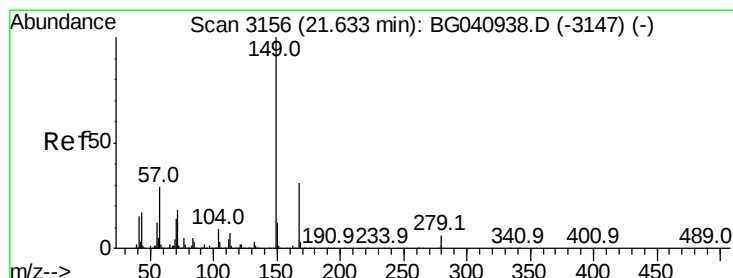
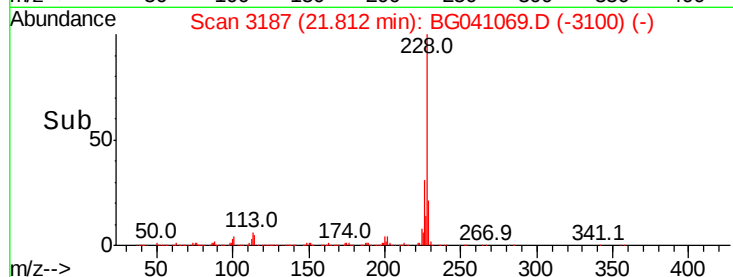
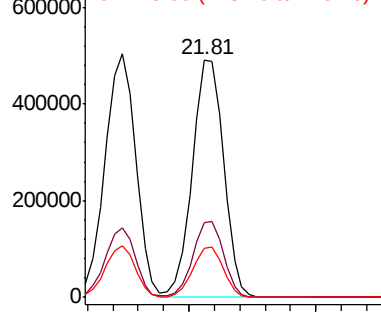


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.628 ng

RT: 21.61 min Scan# 3153

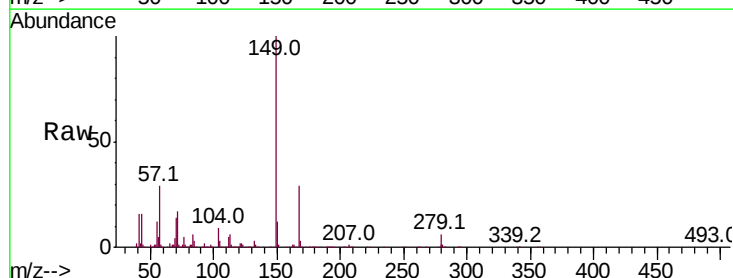
Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:149 Resp: 451007

Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.6	37.0
279	6.4	5.0	7.6

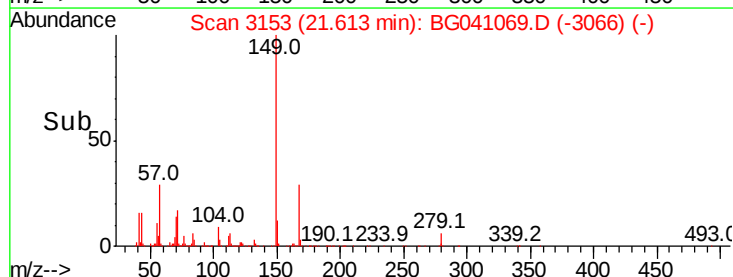
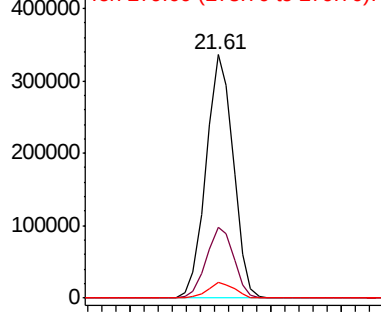


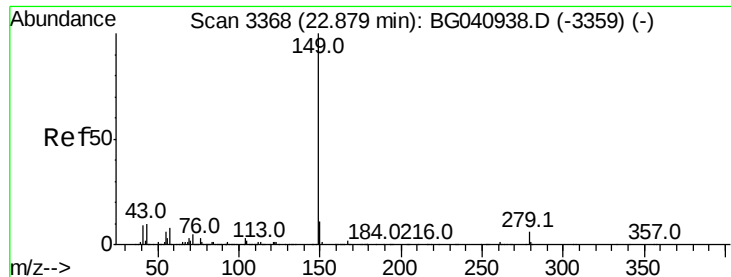
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

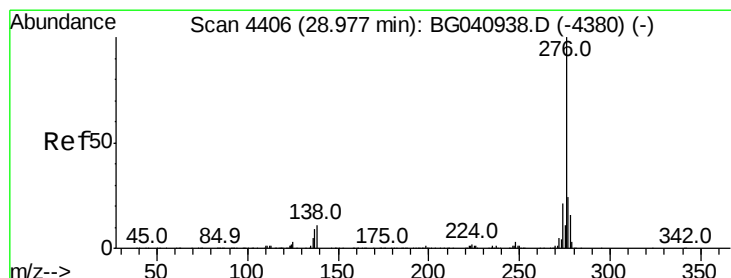
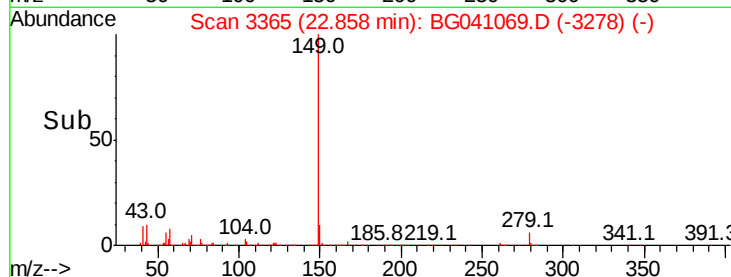
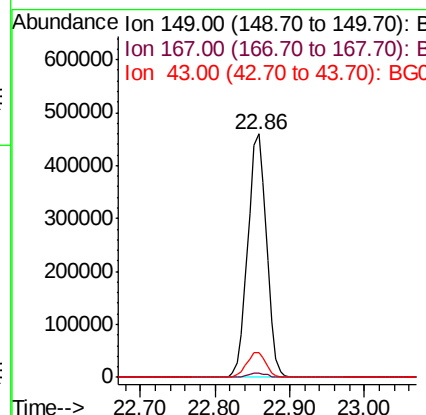
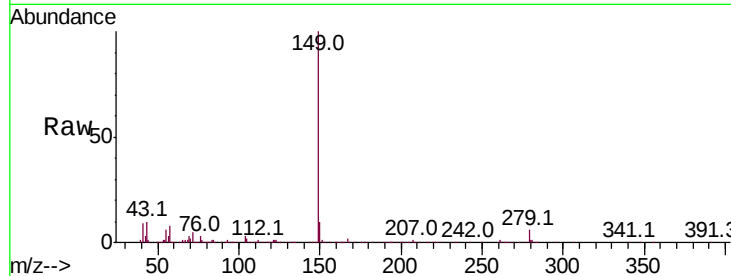




#85
Di-n-octyl phthalate
Concen: 45.117 ng
RT: 22.86 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

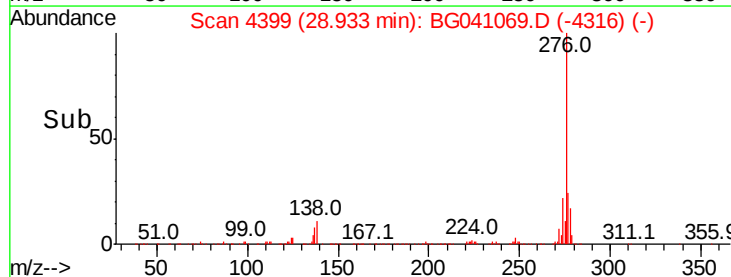
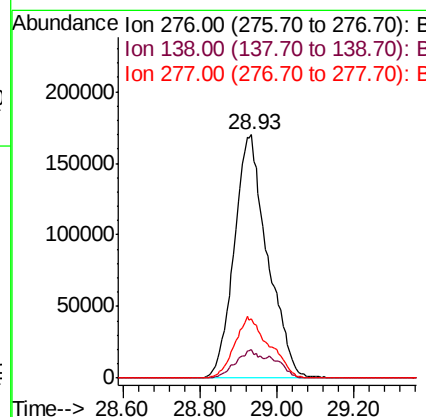
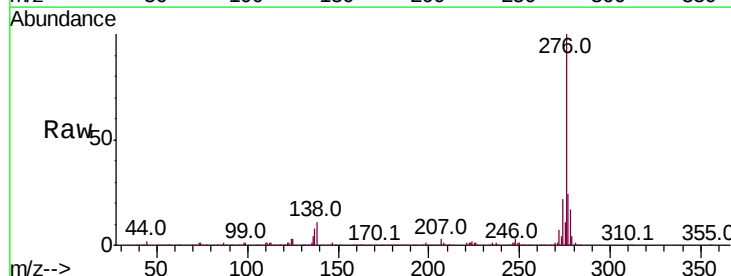
Instrument :
BNA_G
ClientSampleId :
PB120267BS

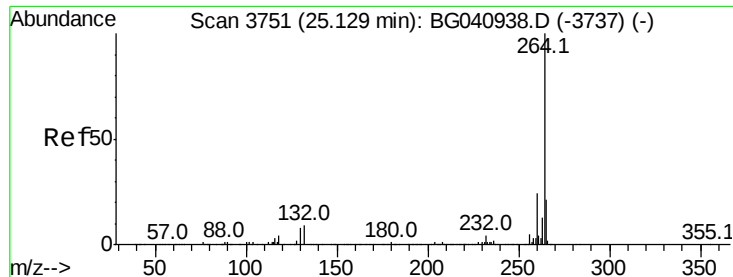
Tot Ion:149 Resp: 794986
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.2 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.130 ng
RT: 28.93 min Scan# 4399
Delta R.T. -0.04 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion:276 Resp: 1023064
Ion Ratio Lower Upper
276 100
138 9.0 5.7 8.5#
277 26.2 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

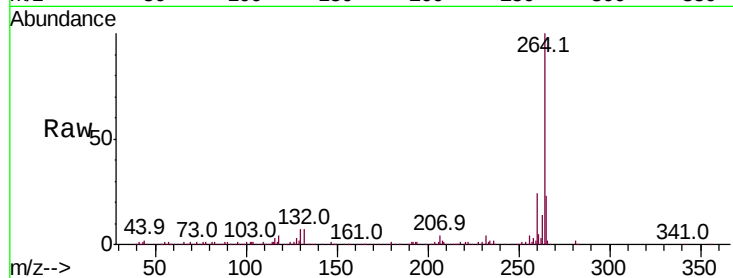
BNA_G

ClientSampleId :

PB120267BS

Tot Ion:264 Resp: 329041

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	23.0	17.0	25.4

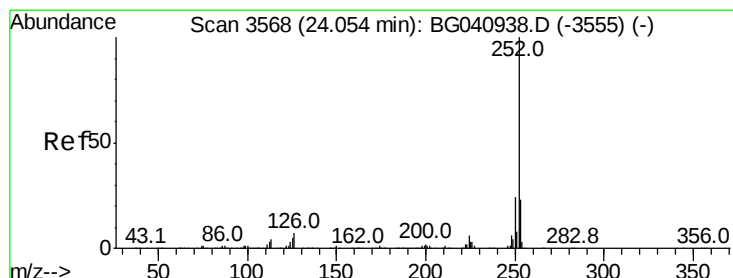
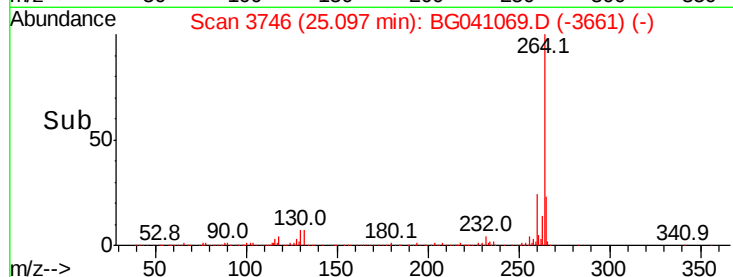
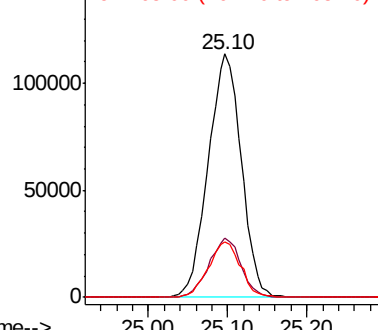


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.564 ng

RT: 24.03 min Scan# 3565

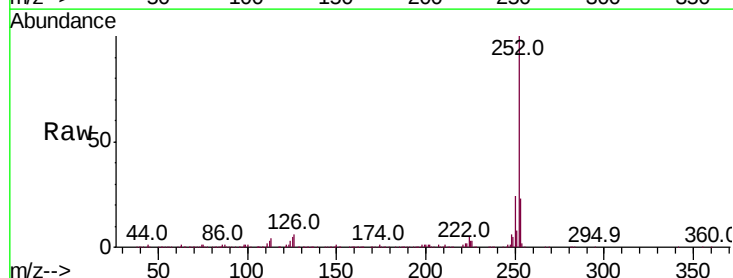
Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:252 Resp: 889389

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	5.0	4.3	6.5

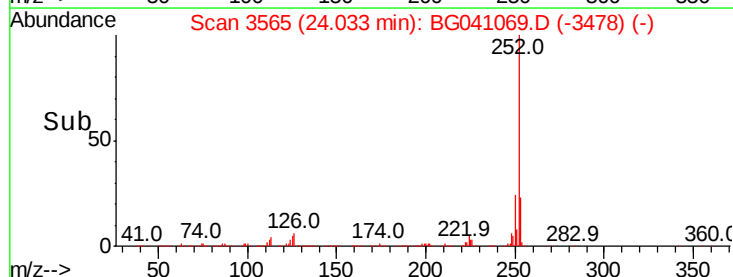
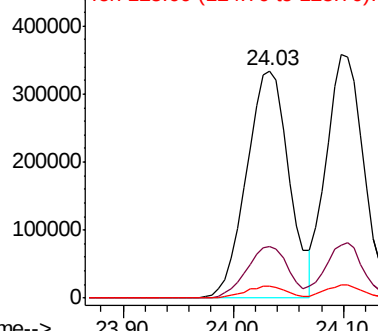


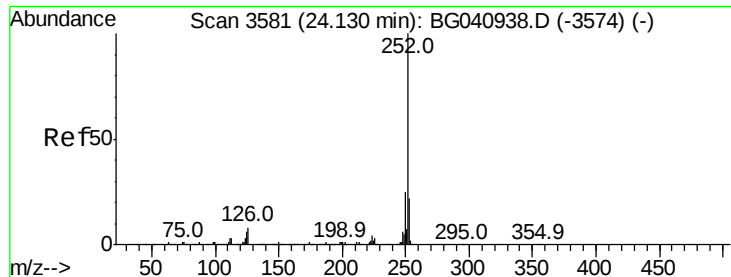
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.767 ng

RT: 24.10 min Scan# 3576

Delta R.T. -0.03 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

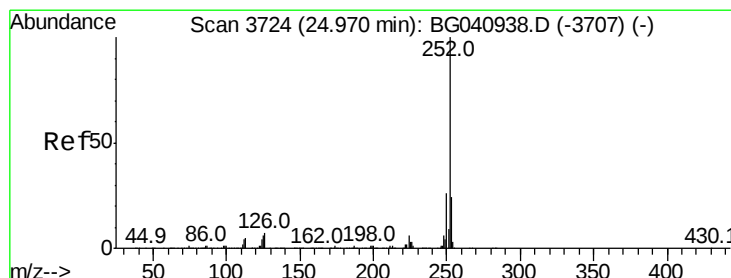
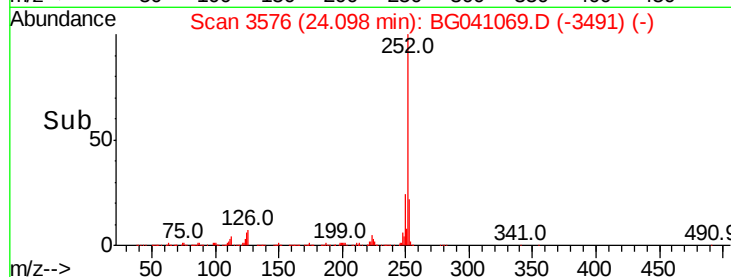
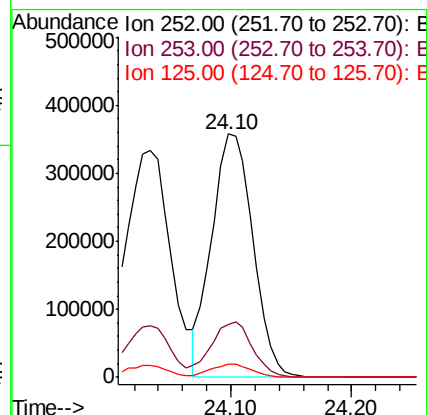
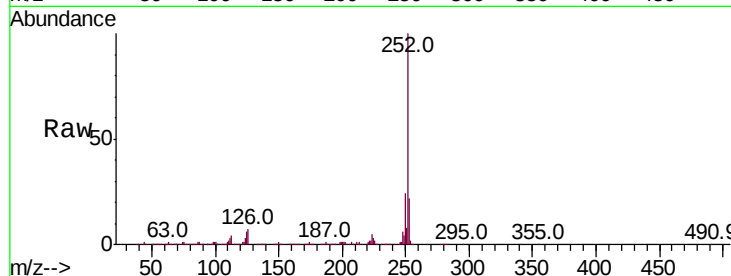
Tot Ion:252 Resp: 844614

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 5.5 4.7 7.1



#90

Benzo(a)pyrene

Concen: 44.885 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.03 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

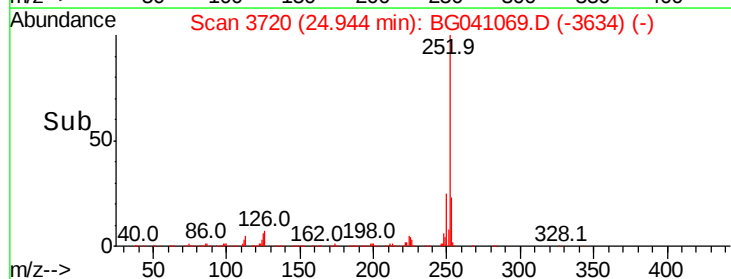
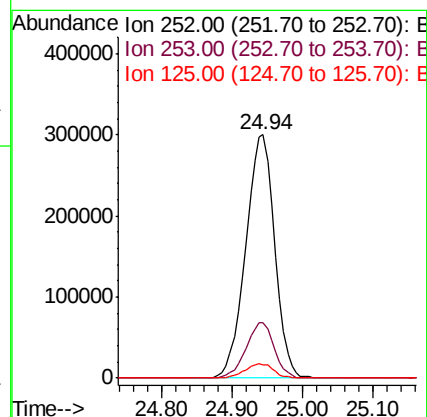
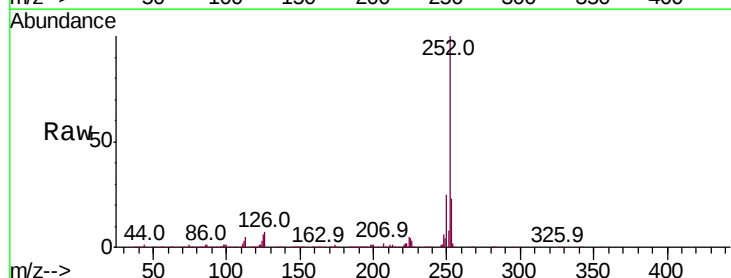
Tgt Ion:252 Resp: 854648

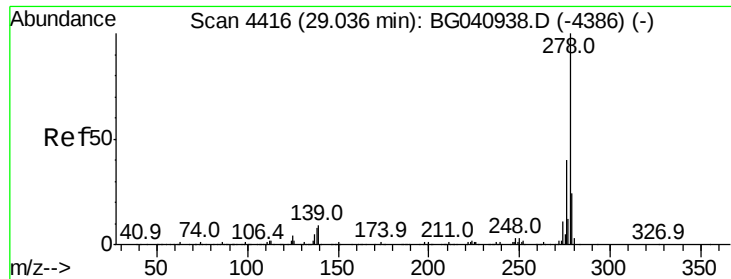
Ion Ratio Lower Upper

252 100

253 23.0 19.5 29.3

125 5.6 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 44.389 ng

RT: 28.99 min Scan# 4409

Delta R.T. -0.04 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

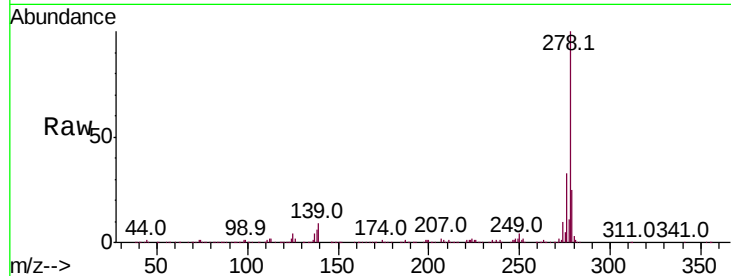
Tot Ion:278 Resp: 844547

Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.1	10.7
279	24.9	19.4	29.2

278 100

139 8.8 7.1 10.7

279 24.9 19.4 29.2

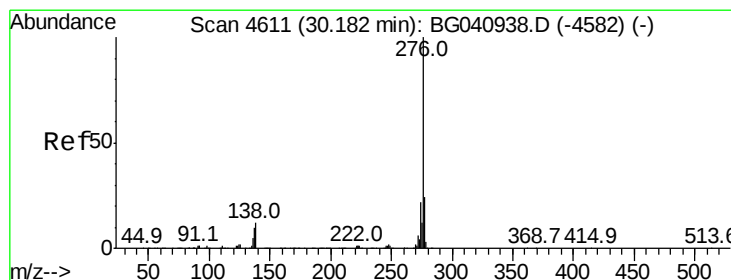
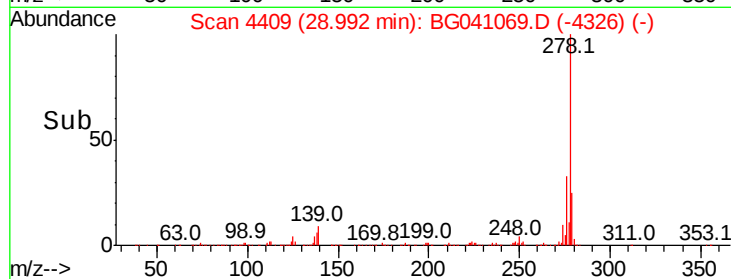
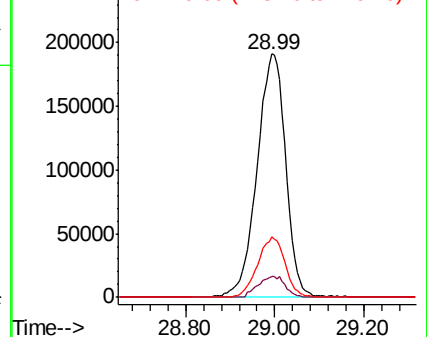


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.103 ng

RT: 30.14 min Scan# 4604

Delta R.T. -0.04 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

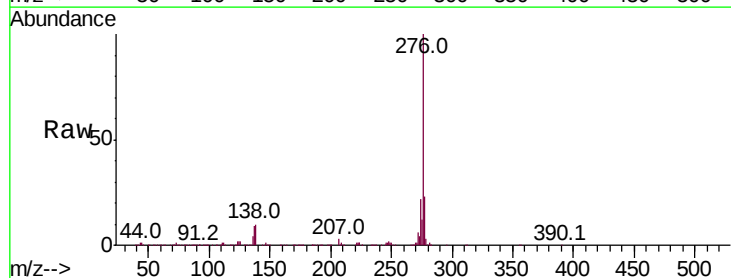
Tgt Ion:276 Resp: 852167

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	10.1	9.7	14.5

276 100

277 22.7 19.4 29.0

138 10.1 9.7 14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

