

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
 Data File : BG041097.D
 Acq On : 7 Jun 2019 12:14
 Operator : HP/JU
 Sample : PB120399BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Quant Time: Jun 08 06:56:31 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	8.10	152	35060	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	141641	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	112883	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	298954	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	299280	20.00	ng	-0.03
87) Perylene-d12	25.08	264	305887	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	278591	143.29	ng	-0.01
7) Phenol-d6	7.25	99	400660	133.43	ng	-0.01
23) Nitrobenzene-d5	9.29	82	265658	83.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	228386	136.28	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	661001	84.33	ng	-0.02
79) Terphenyl-d14	20.08	244	1239857	87.92	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	36118	40.937	ng	# 87
3) Pyridine	3.90	79	97624	37.394	ng	95
4) n-Nitrosodimethylamine	3.83	42	53539	44.187	ng	94
6) Aniline	7.43	93	131242	32.744	ng	98
8) 2-Chlorophenol	7.66	128	117734	50.792	ng	98
9) Benzaldehyde	7.25	77	35353	19.736	ng	86
10) Phenol	7.28	94	161148	50.052	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	101711	43.547	ng	99
12) 1,3-Dichlorobenzene	7.99	146	116946	42.241	ng	95
13) 1,4-Dichlorobenzene	8.14	146	120855	43.126	ng	94
14) 1,2-Dichlorobenzene	8.46	146	114347	42.025	ng	99
15) Benzyl Alcohol	8.35	79	130795	47.088	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	161847	42.406	ng	99
17) 2-Methylphenol	8.54	107	109480	46.964	ng	98
18) Hexachloroethane	9.19	117	45998	42.588	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	102007	44.143	ng	98
20) 3+4-Methylphenols	8.87	107	153806	47.632	ng	97
22) Acetophenone	8.94	105	191176	48.116	ng	# 97
24) Nitrobenzene	9.33	77	154337	47.467	ng	99
25) Isophorone	9.84	82	289162	47.623	ng	98
26) 2-Nitrophenol	10.04	139	68254	50.920	ng	89
27) 2,4-Dimethylphenol	10.08	122	124595	56.281	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	154654	47.192	ng	97
29) 2,4-Dichlorophenol	10.57	162	143780	51.145	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	141562	44.265	ng	97
31) Naphthalene	10.98	128	358488	47.139	ng	97
32) Benzoic acid	10.22	122	74593	44.124	ng	98
33) 4-Chloroaniline	11.09	127	88811	25.169	ng	99
34) Hexachlorobutadiene	11.24	225	105134	42.965	ng	97
35) Caprolactam	11.87	113	25238	27.186	ng	97
36) 4-Chloro-3-methylphenol	12.19	107	164252	51.159	ng	98
37) 2-Methylnaphthalene	12.58	142	278243	47.505	ng	98
38) 1-Methylnaphthalene	12.79	142	268243	48.600	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	201490	44.285	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	276032	109.480	ng	96
43) 2,4,6-Trichlorophenol	13.18	196	140477	47.727	ng	96
44) 2,4,5-Trichlorophenol	13.25	196	148894	47.966	ng	98
46) 1,1'-Biphenyl	13.57	154	388527	46.498	ng	100
47) 2-Chloronaphthalene	13.62	162	323179	45.053	ng	99
48) 2-Nitroaniline	13.83	65	120101	46.670	ng	98
49) Acenaphthylene	14.47	152	510416	47.277	ng	99
50) Dimethylphthalate	14.19	163	446443	46.721	ng	99
51) 2,6-Dinitrotoluene	14.32	165	99984	48.530	ng	95
52) Acenaphthene	14.80	154	296863	45.390	ng	98
53) 3-Nitroaniline	14.66	138	61813	30.003	ng	# 91
54) 2,4-Dinitrophenol	14.86	184	140808	112.182	ng	98
55) Dibenzofuran	15.14	168	526573	47.848	ng	99
56) 4-Nitrophenol	14.95	139	150761	106.688	ng	92
57) 2,4-Dinitrotoluene	15.10	165	141920	48.765	ng	# 98
58) Fluorene	15.78	166	413073	47.131	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	152703	50.057	ng	99
60) Diethylphthalate	15.54	149	454688	46.626	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	264019	46.346	ng	94
62) 4-Nitroaniline	15.81	138	100020	45.858	ng	94
63) Azobenzene	16.07	77	414951	46.817	ng	97
65) 4,6-Dinitro-2-methylphenol	15.86	198	90168	54.803	ng	98
66) n-Nitrosodiphenylamine	15.99	169	384061	45.700	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	169103	41.914	ng	95
68) Hexachlorobenzene	16.78	284	178648	41.584	ng	98
69) Atrazine	16.92	200	161238	49.723	ng	97
70) Pentachlorophenol	17.12	266	221452	95.361	ng	97
71) Phenanthrene	17.53	178	719105	46.179	ng	99
72) Anthracene	17.62	178	736820	47.976	ng	99
73) Carbazole	17.89	167	633911	48.104	ng	100
74) Di-n-butylphthalate	18.42	149	745521	45.518	ng	98
75) Fluoranthene	19.53	202	927644	48.229	ng	100
77) Benzidine	19.71	184	390371	54.678	ng	95
78) Pyrene	19.89	202	926938	47.645	ng	99
80) Butylbenzylphthalate	20.75	149	345808	45.675	ng	99
81) Benzo(a)anthracene	21.74	228	897720	45.062	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	190963	27.253	ng	99
83) Chrysene	21.81	228	878465	46.079	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	474555	44.526	ng	98
85) Di-n-octyl phthalate	22.85	149	814422	45.882	ng	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1047545	44.856	ng	# 98
88) Benzo(b)fluoranthene	24.02	252	902805	48.661	ng	100
89) Benzo(k)fluoranthene	24.10	252	878824	47.867	ng	99
90) Benzo(a)pyrene	24.93	252	883220	49.897	ng	97
91) Dibenzo(a,h)anthracene	28.98	278	875320	49.489	ng	97
92) Benzo(g,h,i)perylene	30.11	276	876965	51.036	ng	98

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

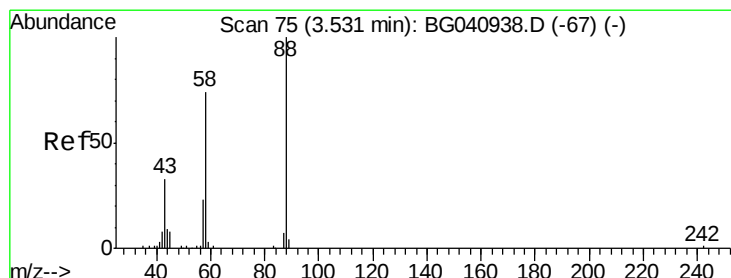
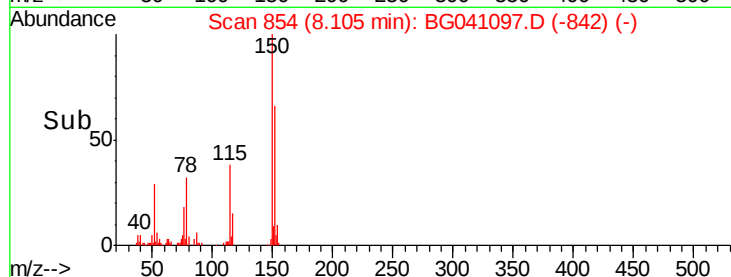
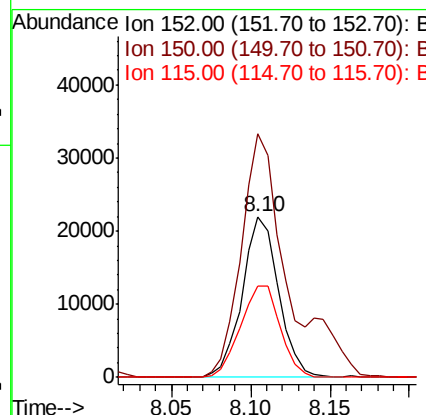
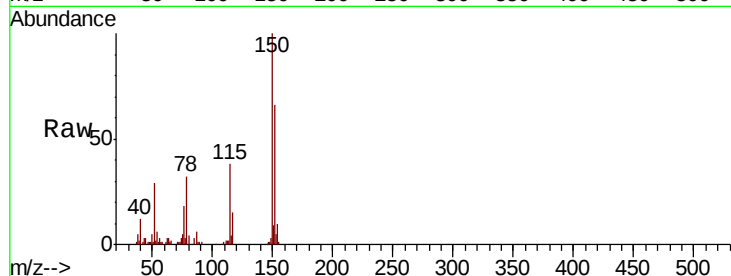


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.03 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

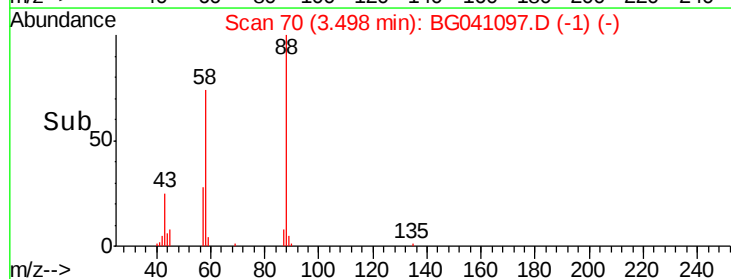
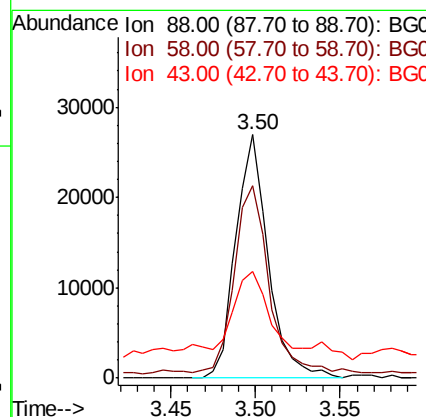
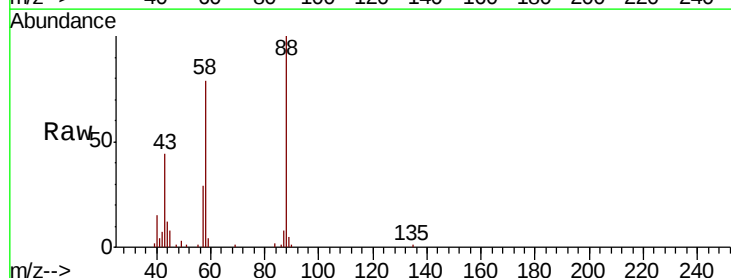
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	120.6	180.8
115	56.9	45.1	67.7



#2

1,4-Dioxane
Concen: 40.937 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	59.0	88.6
43	46.3	27.2	40.8





#3

Pyridine

Concen: 37.394 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

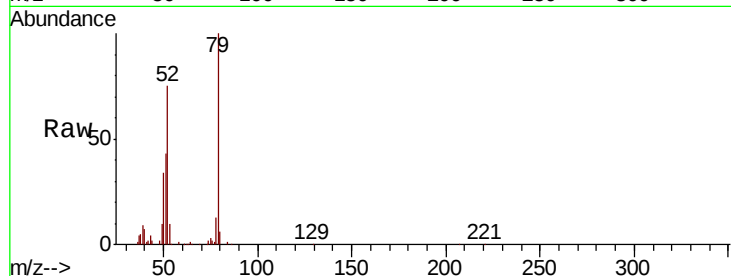
Tgt Ion: 79 Resp: 97624

Ion Ratio Lower Upper

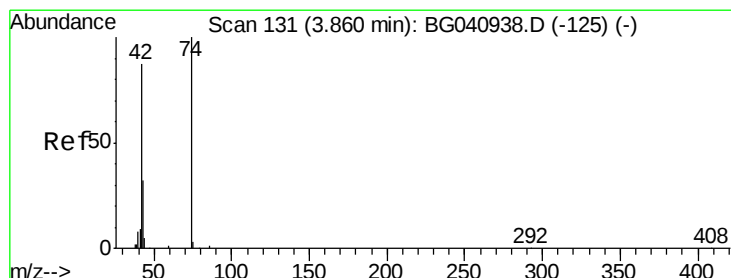
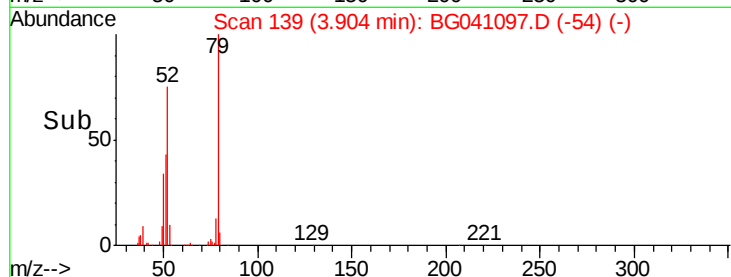
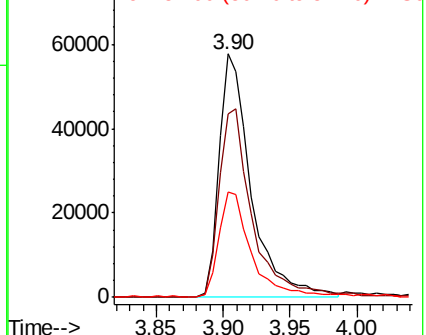
79 100

52 75.4 64.8 97.2

51 43.2 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 44.187 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

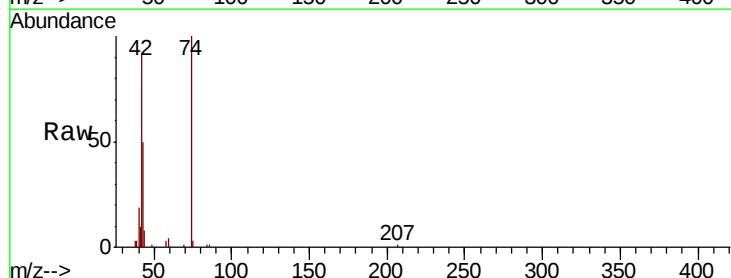
Tgt Ion: 42 Resp: 53539

Ion Ratio Lower Upper

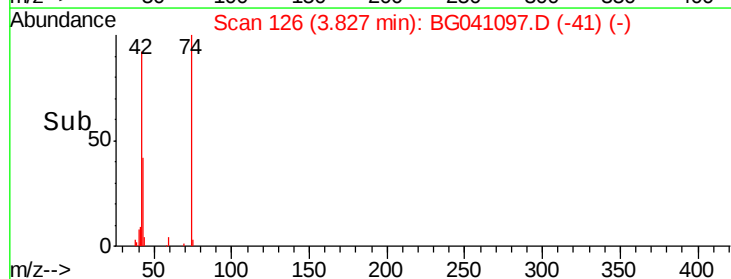
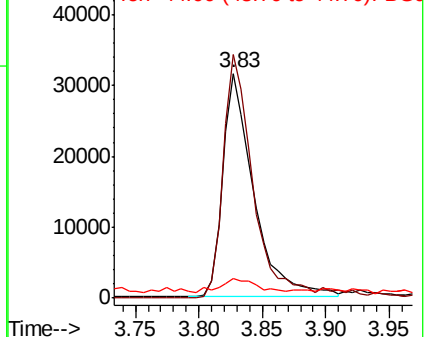
42 100

74 108.3 91.8 137.6

44 8.8 6.0 9.0



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





#5

2-Fluorophenol

Concen: 143.285 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

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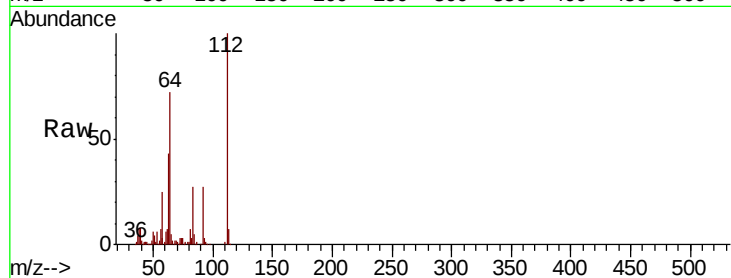
Tgt Ion: 112 Resp: 278591

Ion Ratio Lower Upper

112 100

64 71.8 56.2 84.2

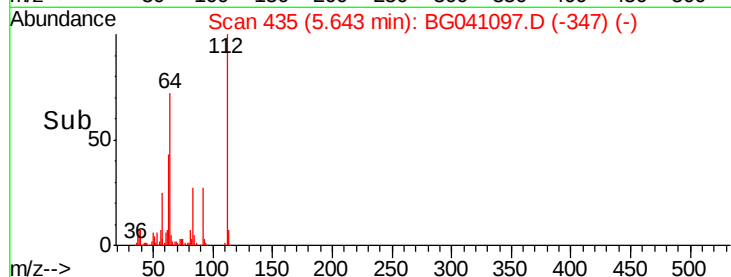
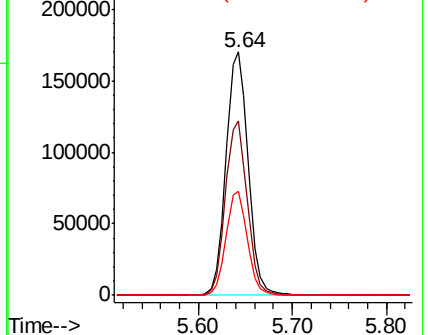
63 42.7 32.8 49.2



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: 32.744 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

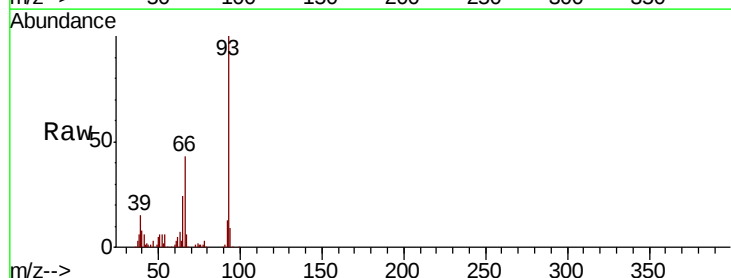
Tgt Ion: 93 Resp: 131242

Ion Ratio Lower Upper

93 100

66 43.0 33.8 50.8

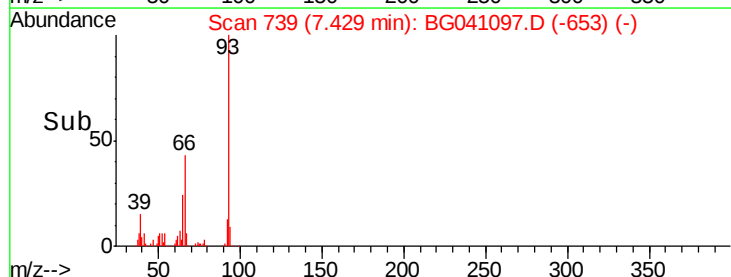
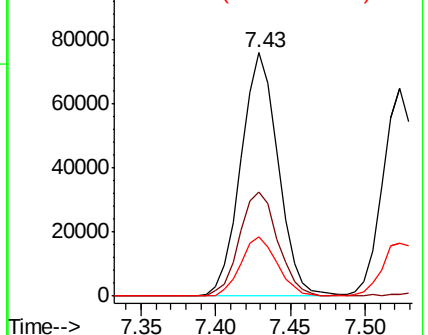
65 24.2 18.3 27.5

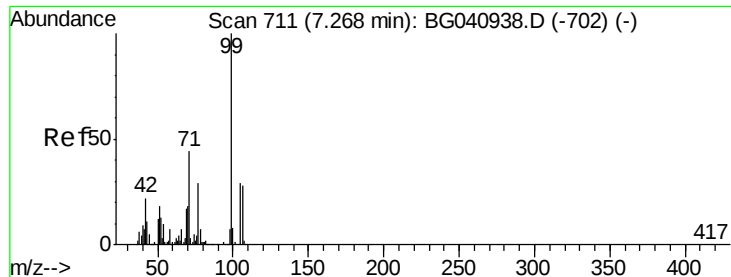


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.430 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

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ClientSampleId :

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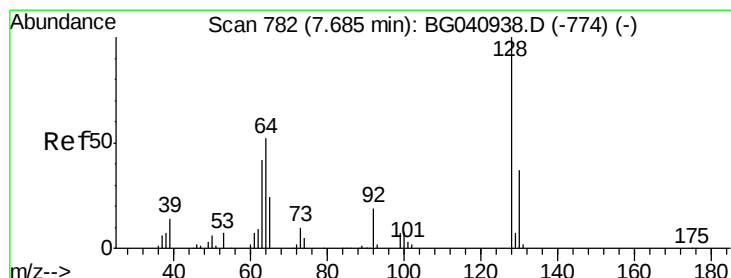
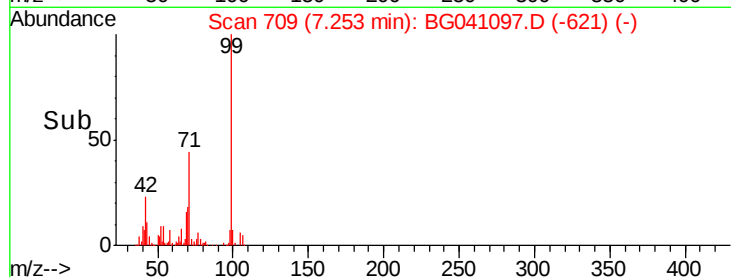
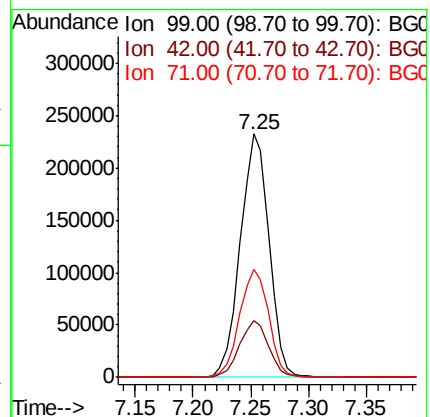
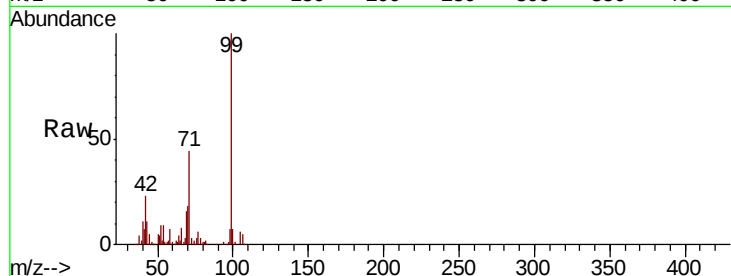
Tgt Ion: 99 Resp: 400660

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

71 44.2 35.4 53.0



#8

2-Chlorophenol

Concen: 50.792 ng

RT: 7.66 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

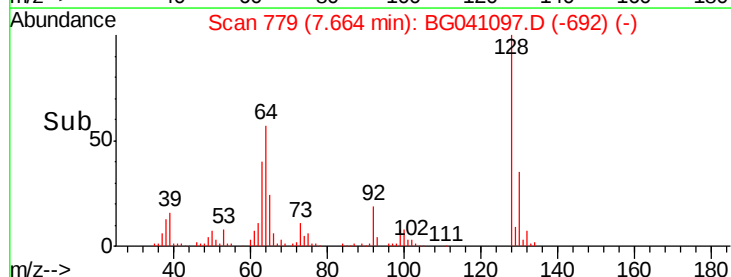
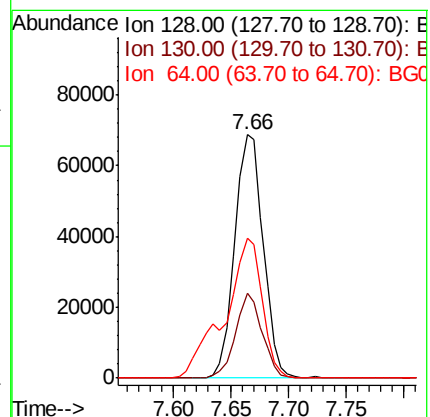
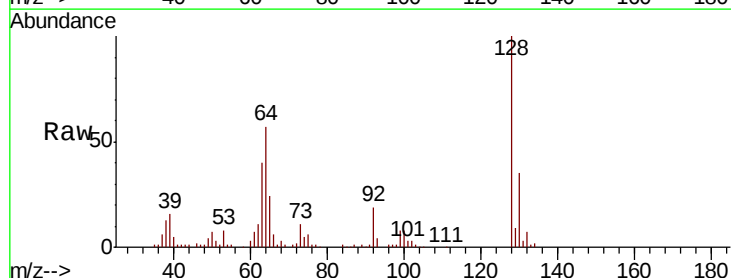
Tgt Ion: 128 Resp: 117734

Ion Ratio Lower Upper

128 100

130 34.8 16.6 56.6

64 57.4 37.8 77.8





#9

Benzaldehyde

Concen: 19.736 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

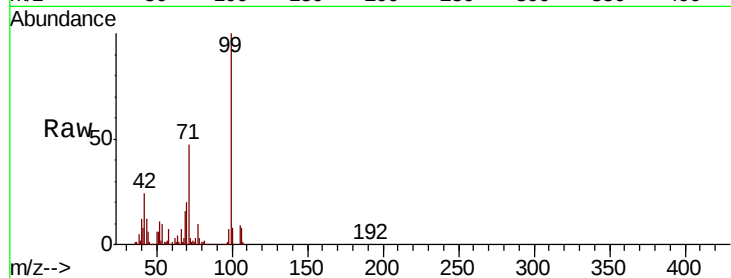
Tgt Ion: 77 Resp: 35353

Ion Ratio Lower Upper

77 100

105 88.4 78.9 118.9

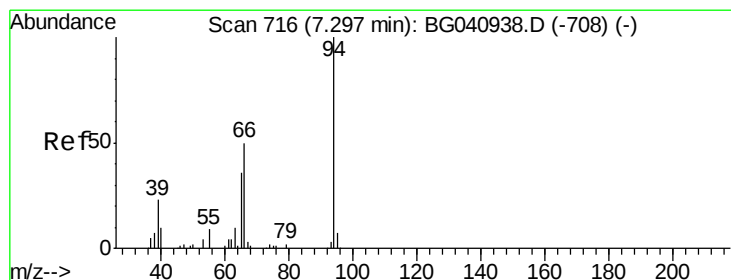
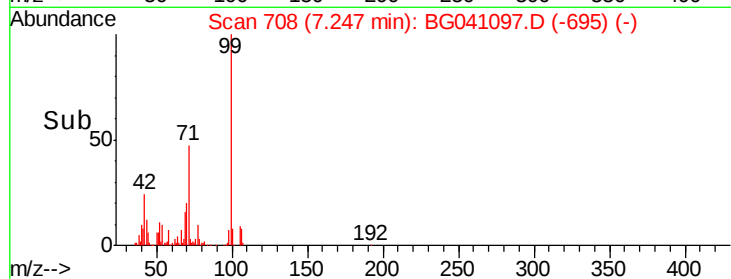
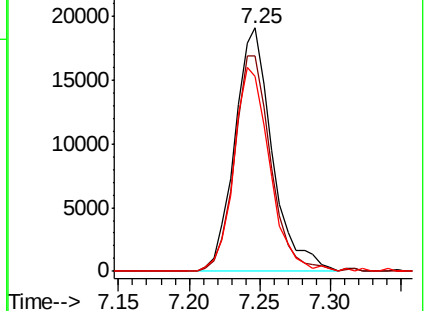
106 80.1 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.052 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

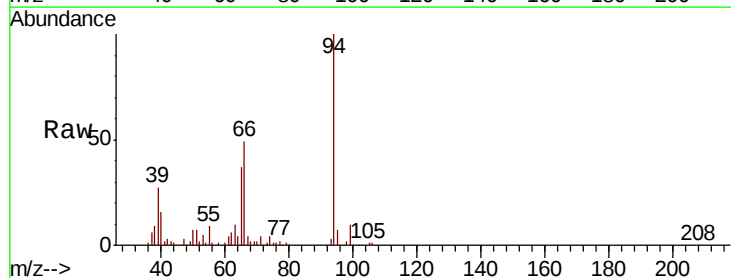
Tgt Ion: 94 Resp: 161148

Ion Ratio Lower Upper

94 100

65 37.0 17.0 57.0

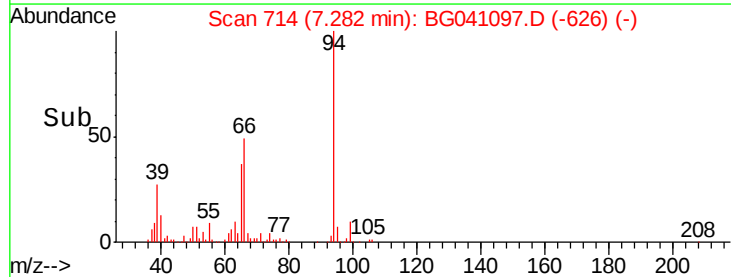
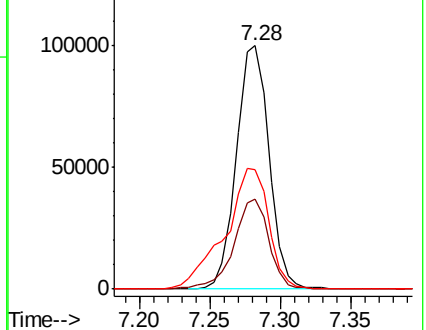
66 49.2 32.4 72.4

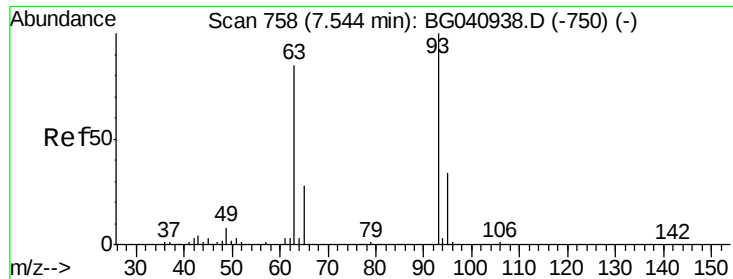


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



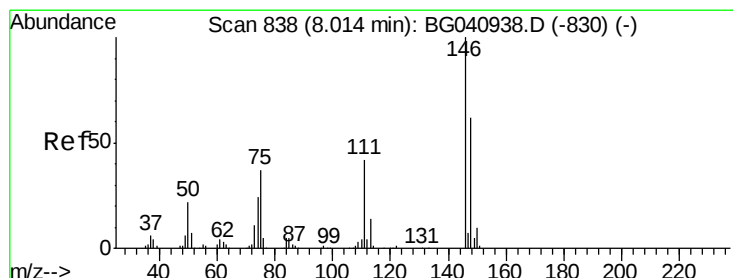
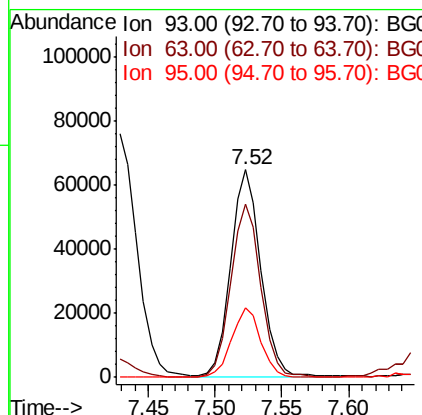
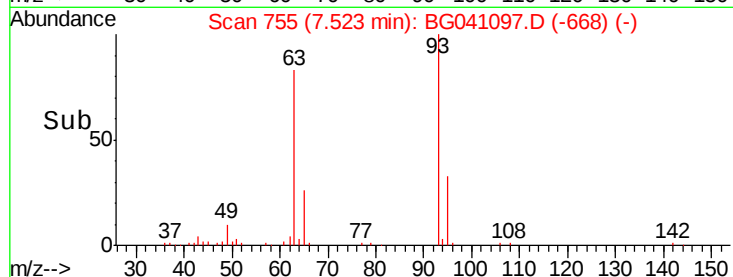
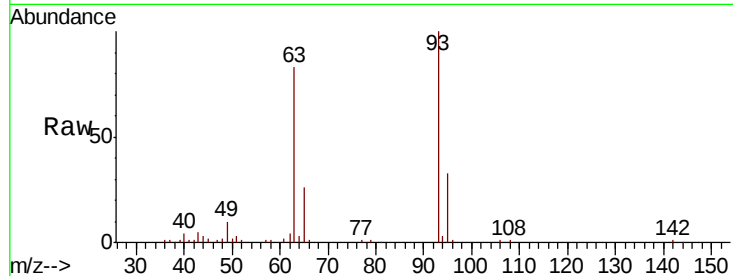


#11
bis(2-Chloroethyl)ether
Concen: 43.547 ng
RT: 7.52 min Scan# 755
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion: 93 Resp: 101711

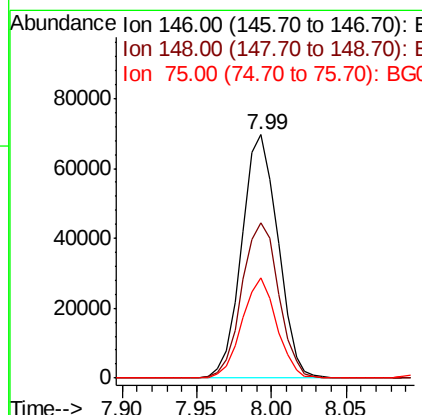
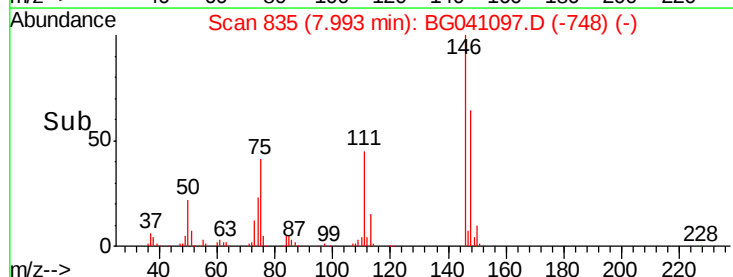
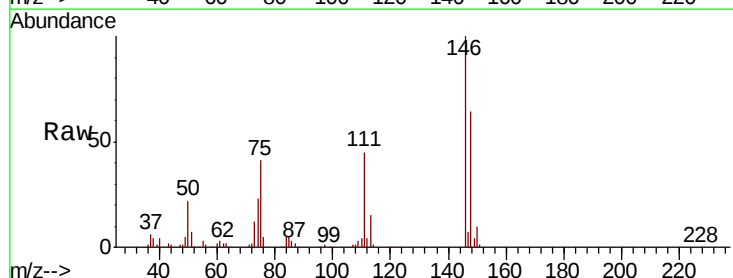
Ion	Ratio	Lower	Upper
93	100		
63	83.4	64.5	104.5
95	33.3	13.3	53.3

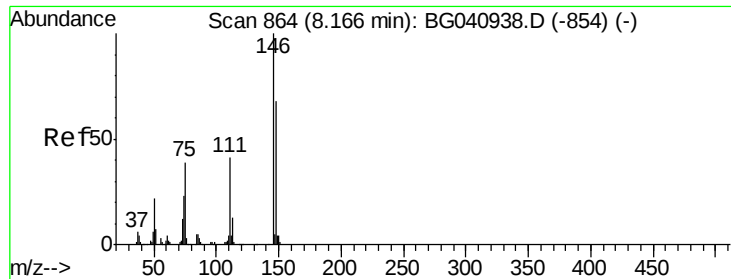


#12
1,3-Dichlorobenzene
Concen: 42.241 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion: 146 Resp: 116946

Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.2	73.8
75	41.0	29.4	44.0

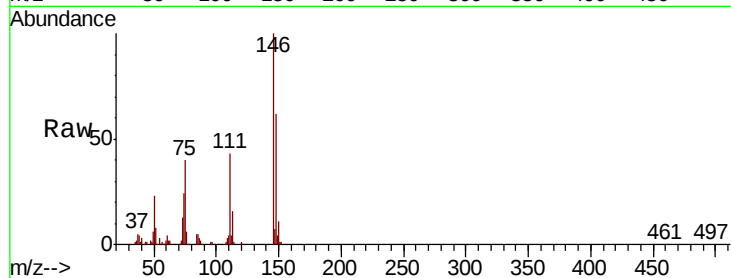




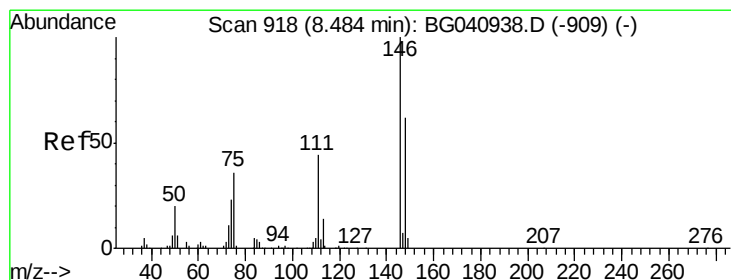
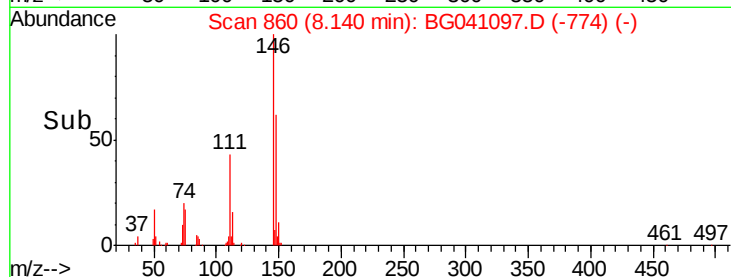
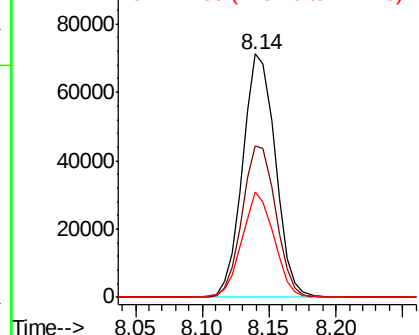
#13
 1,4-Dichlorobenzene
 Concen: 43.126 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	54.2	81.4
111	43.5	32.9	49.3

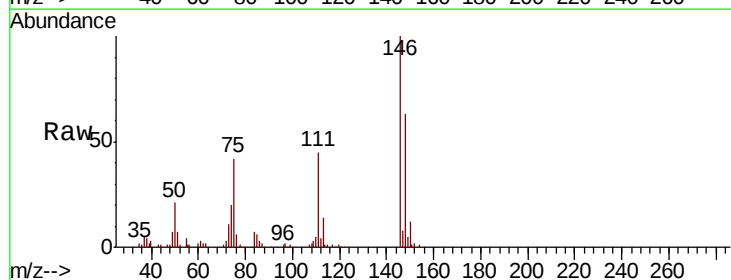


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

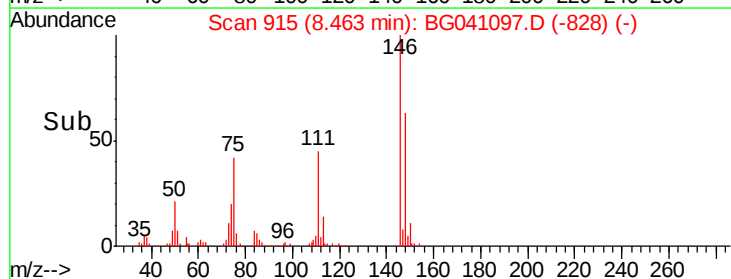
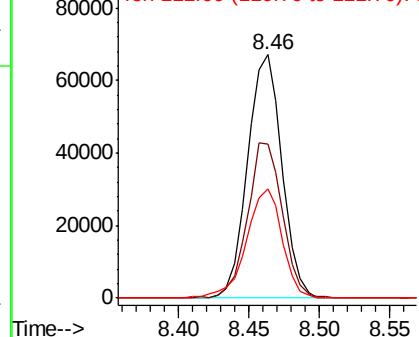


#14
 1,2-Dichlorobenzene
 Concen: 42.025 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.8	74.6
111	44.7	35.0	52.4



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





#15

Benzyl Alcohol

Concen: 47.088 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

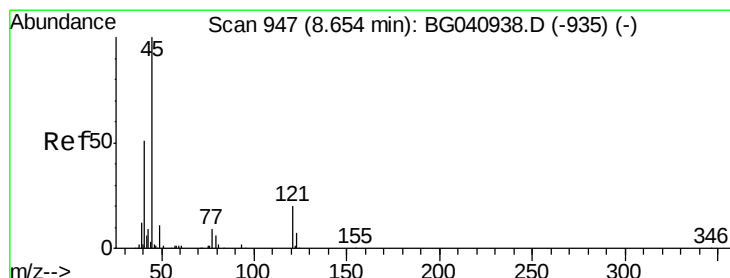
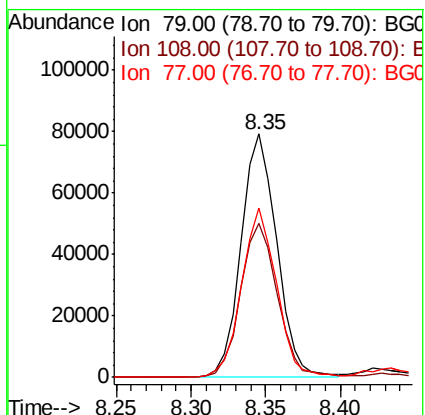
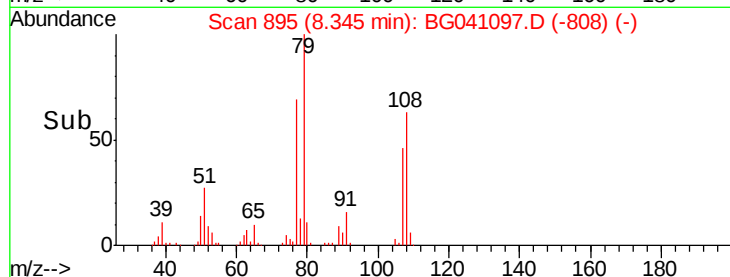
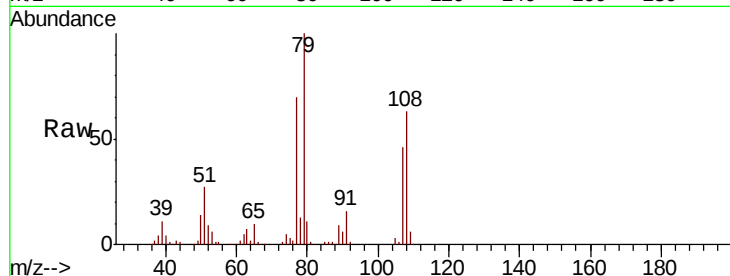
Tgt Ion: 79 Resp: 130795

Ion Ratio Lower Upper

79 100

108 63.0 48.3 72.5

77 69.5 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.406 ng

RT: 8.63 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

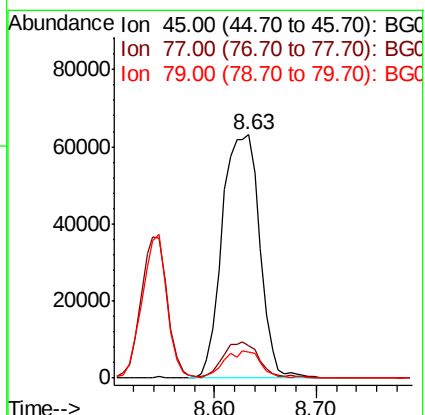
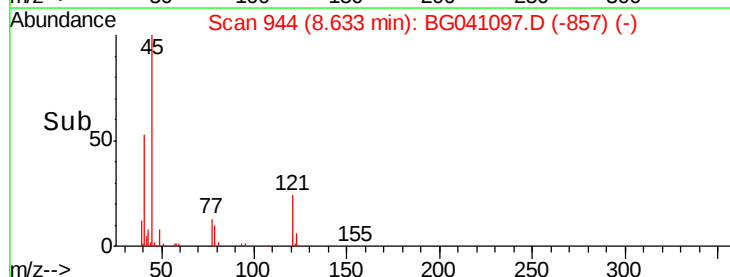
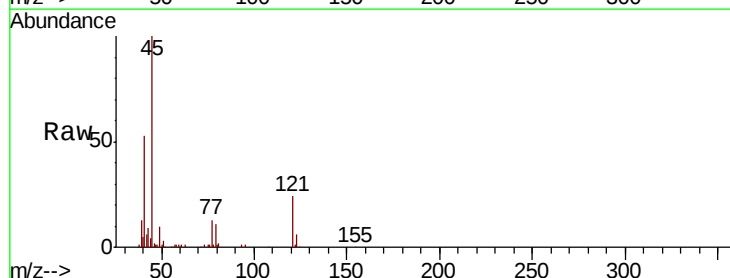
Tgt Ion: 45 Resp: 161847

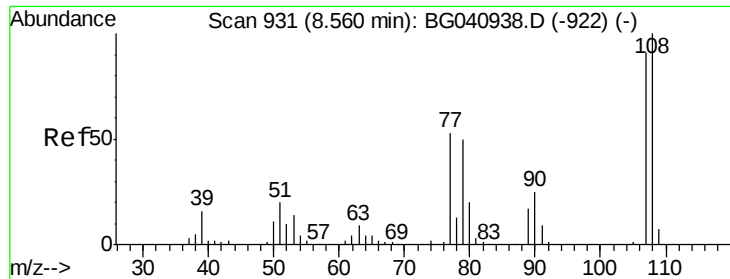
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.7

79 10.6 0.0 30.2

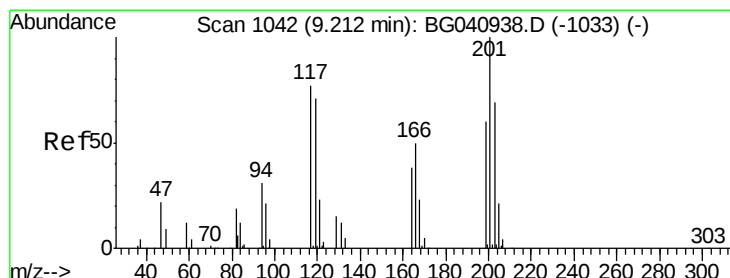
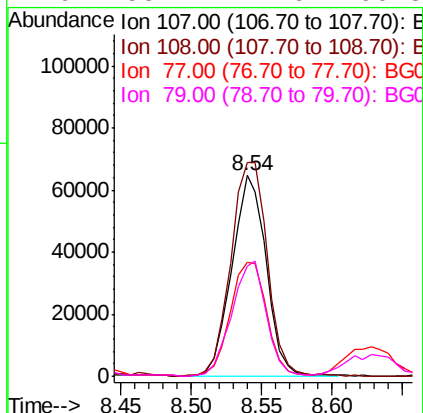
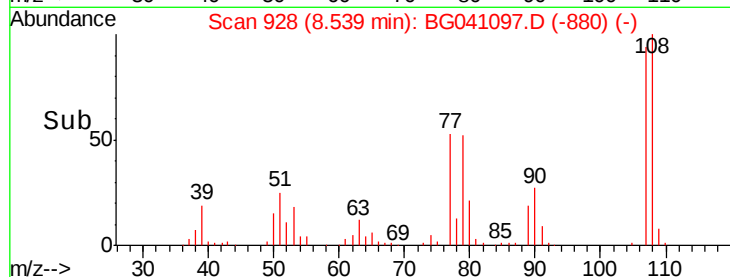
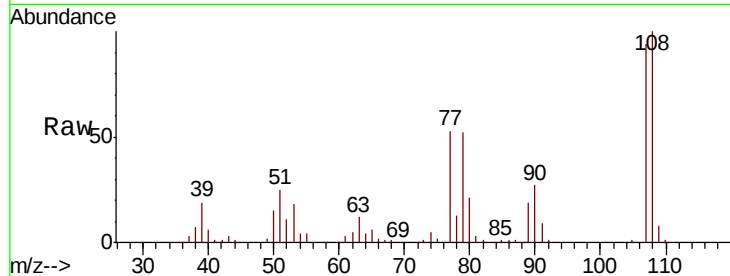




#17
2-Methylphenol
Concen: 46.964 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

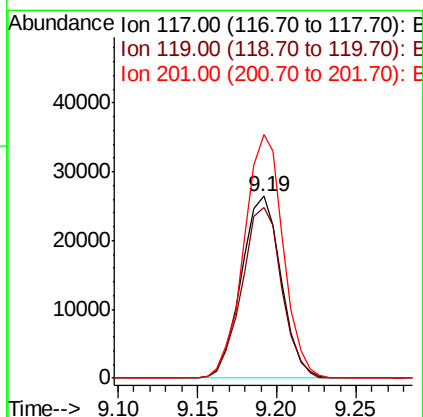
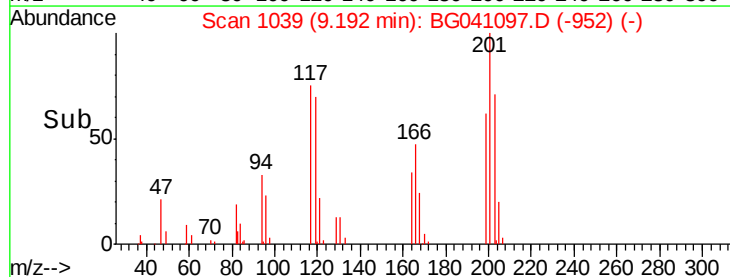
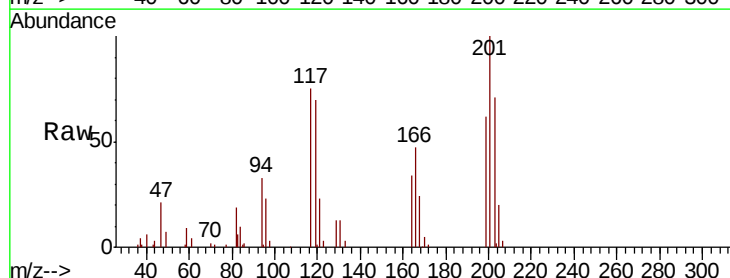
Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion:107 Resp: 109480
Ion Ratio Lower Upper
107 100
108 106.4 87.7 131.5
77 56.9 46.6 70.0
79 55.1 44.6 66.8



#18
Hexachloroethane
Concen: 42.588 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:117 Resp: 45998
Ion Ratio Lower Upper
117 100
119 94.0 75.0 112.6
201 133.8 103.5 155.3

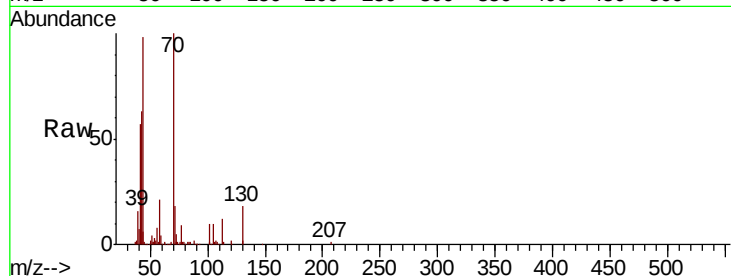




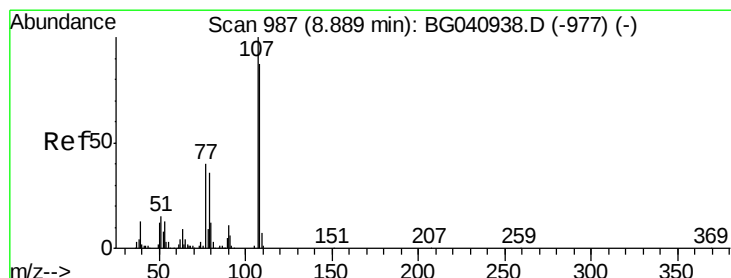
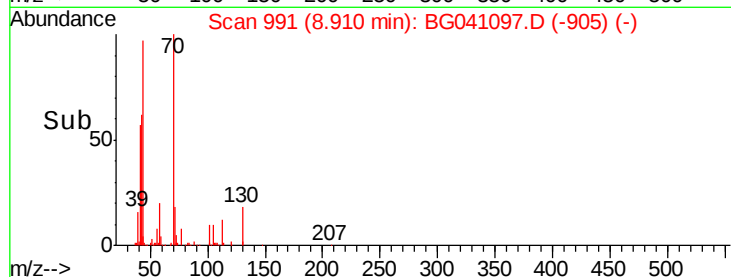
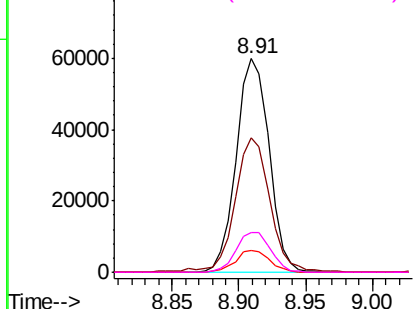
#19
n-Nitroso-di-n-propylamine
Concen: 44.143 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion:	70	Resp:	102007
Ion	Ratio	Lower	Upper
70	100		
42	62.9	51.5	77.3
101	10.4	8.1	12.1
130	18.3	16.6	24.8

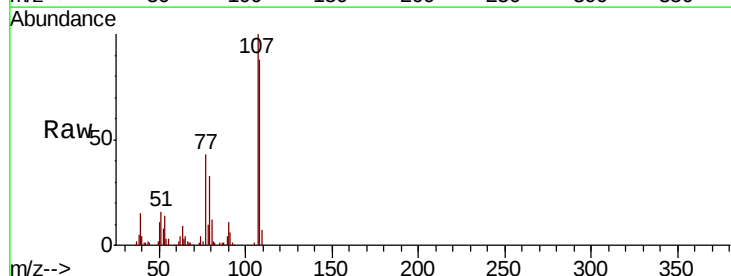


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

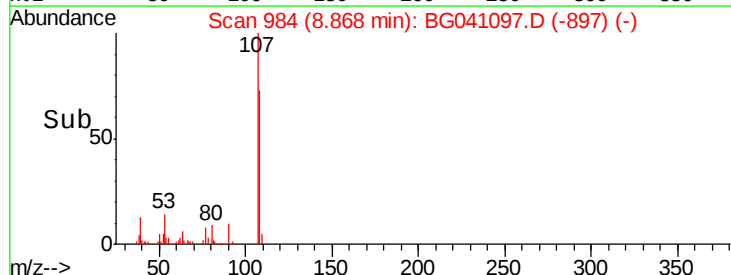
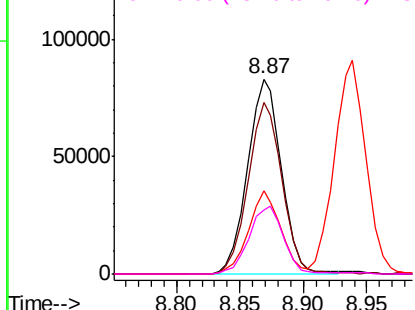


#20
3+4-Methylphenols
Concen: 47.632 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:	107	Resp:	153806
Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.8	106.8
77	42.7	20.5	60.5
79	33.0	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

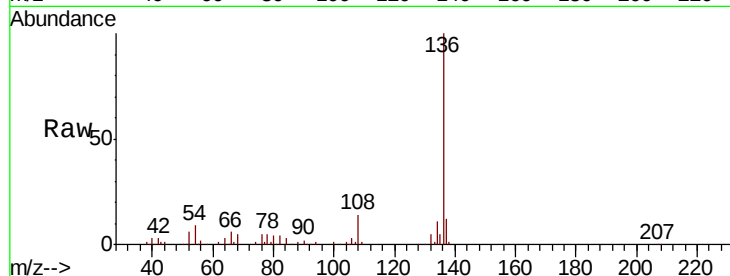




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion:	136	Resp:	141641
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	9.1	7.6	11.4
68	4.9	3.9	5.9



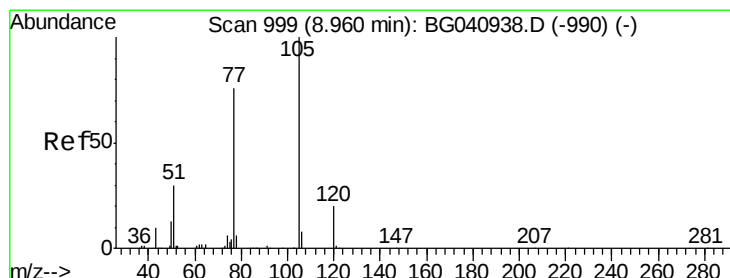
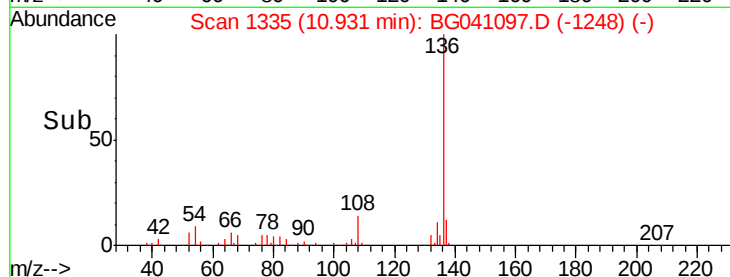
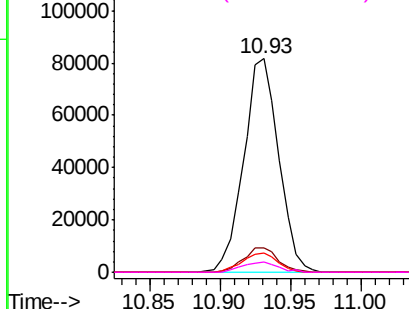
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

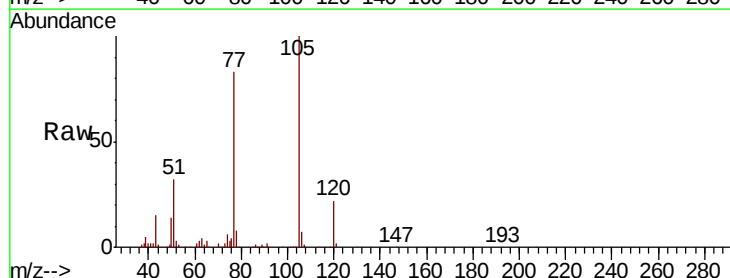
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 48.116 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:	105	Resp:	191176
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	31.6	27.0	40.6
120	21.6	16.2	24.4



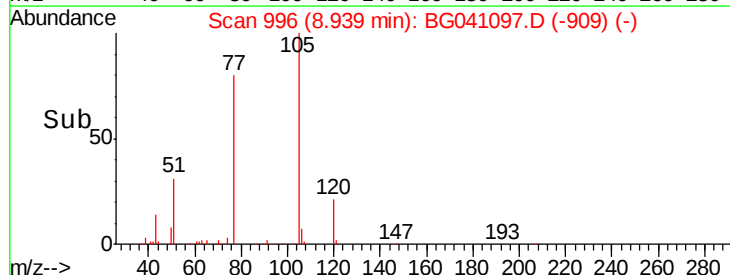
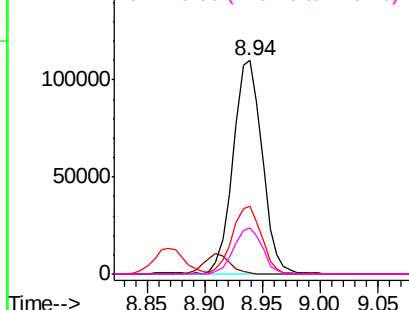
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

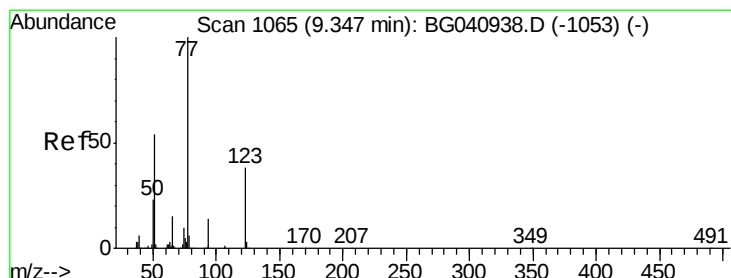
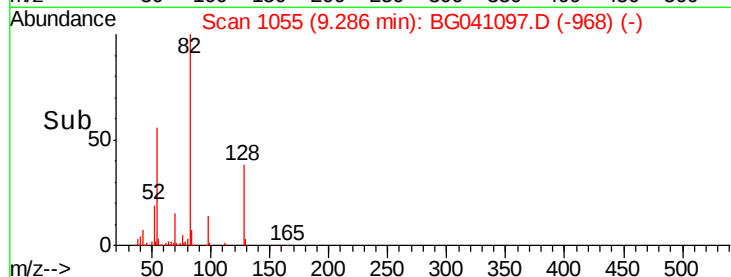
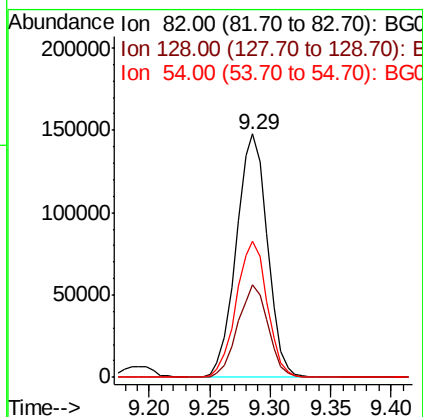
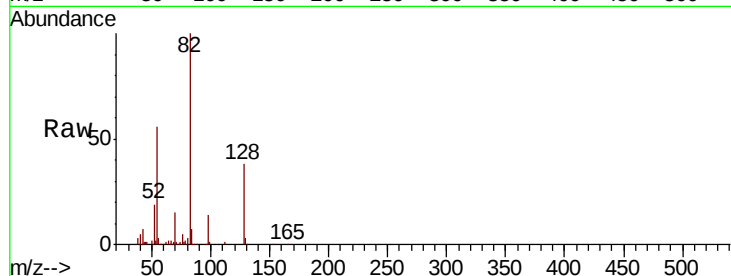




#23
 Nitrobenzene-d5
 Concen: 83.264 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

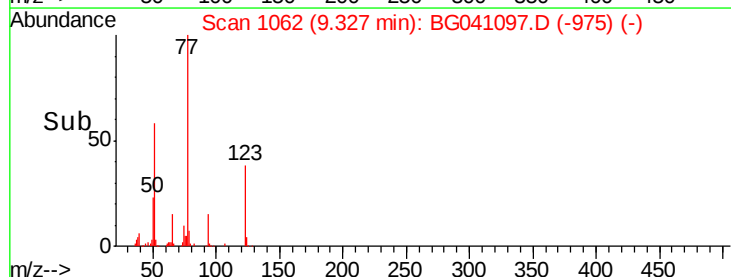
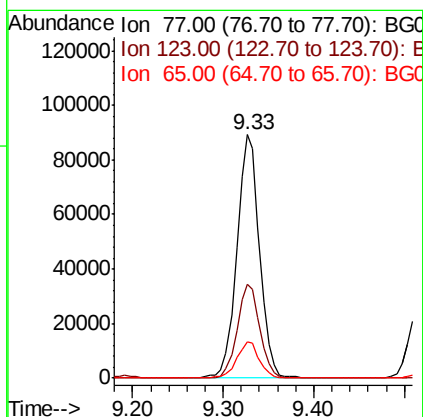
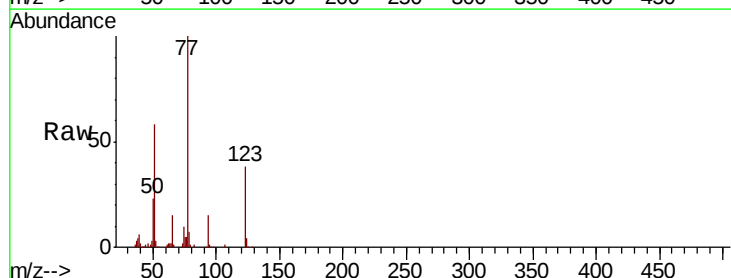
Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

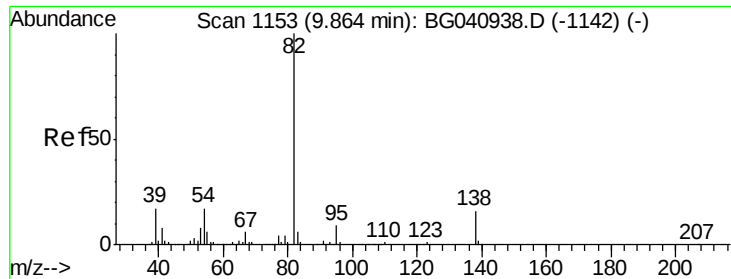
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.5	45.7
54	55.9	44.6	66.8



#24
 Nitrobenzene
 Concen: 47.467 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	30.6	46.0
65	14.8	12.3	18.5





#25

Isophorone

Concen: 47.623 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

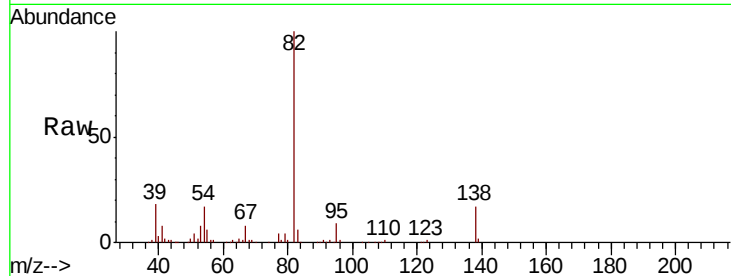
Tgt Ion: 82 Resp: 289162

Ion Ratio Lower Upper

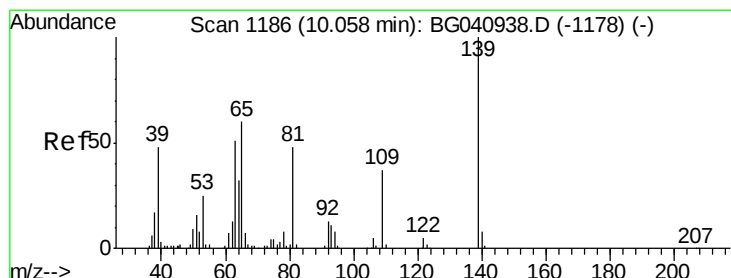
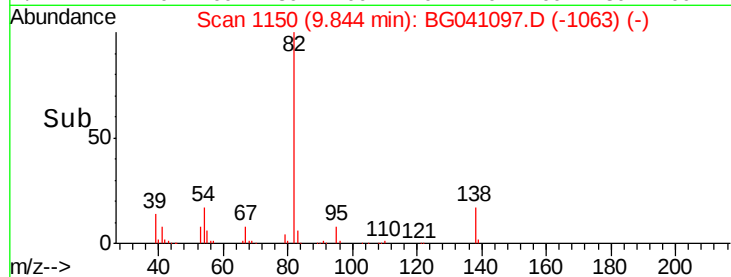
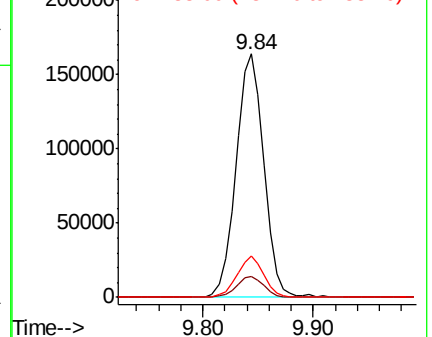
82 100

95 8.6 7.0 10.4

138 16.9 12.6 19.0



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



#26

2-Nitrophenol

Concen: 50.920 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

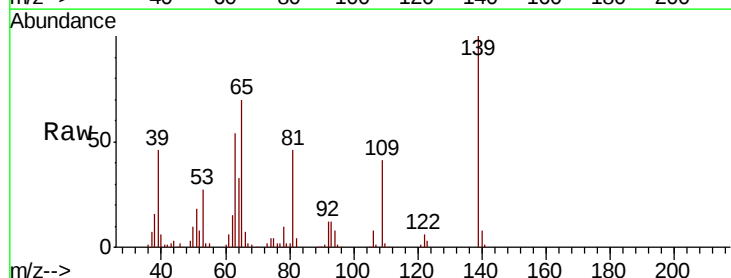
Tgt Ion: 139 Resp: 68254

Ion Ratio Lower Upper

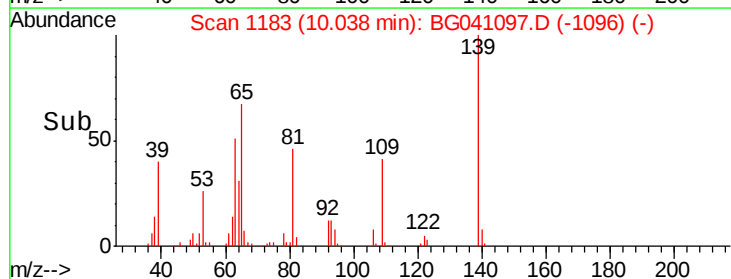
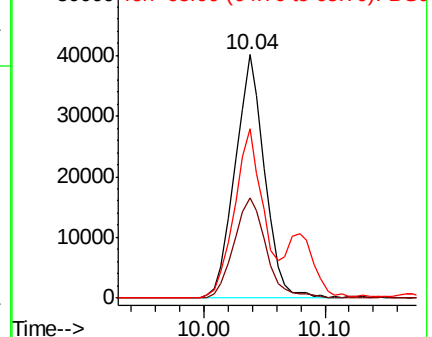
139 100

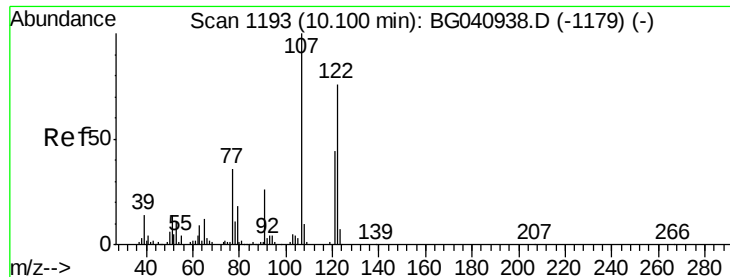
109 41.0 29.8 44.6

65 69.8 47.8 71.6



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

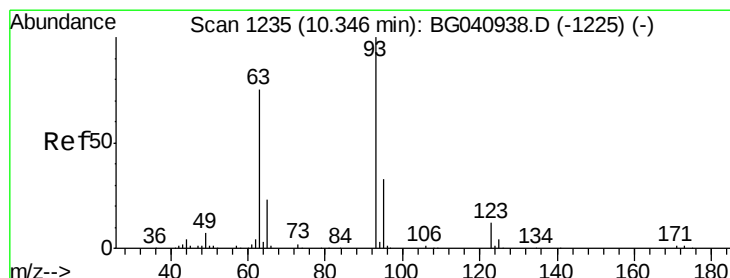
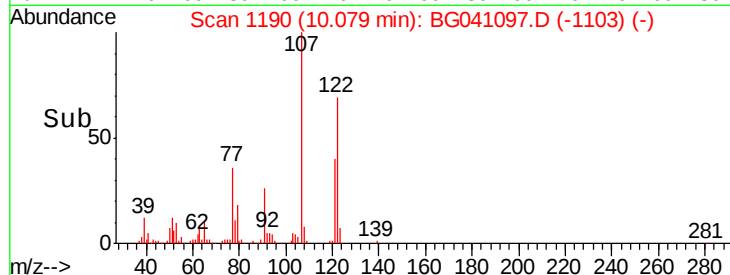
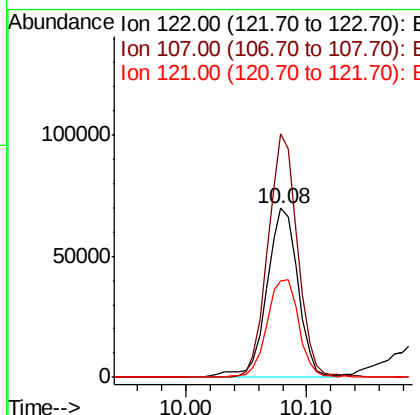
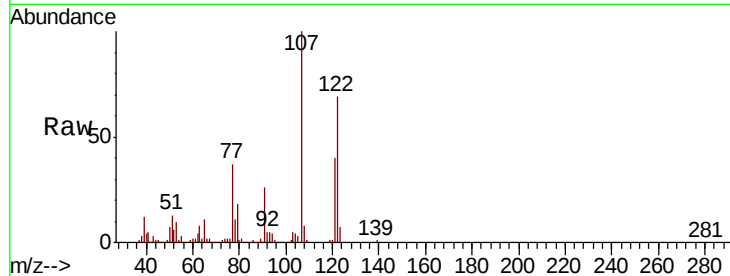




#27
2,4-Dimethylphenol
Concen: 56.281 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

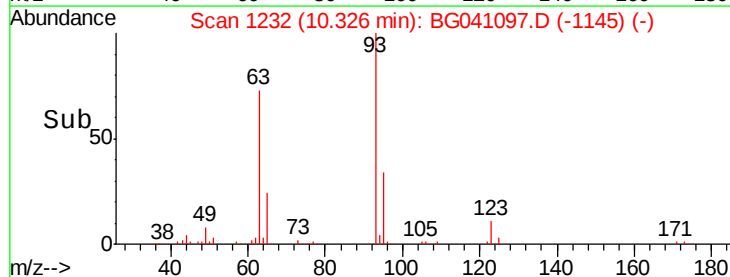
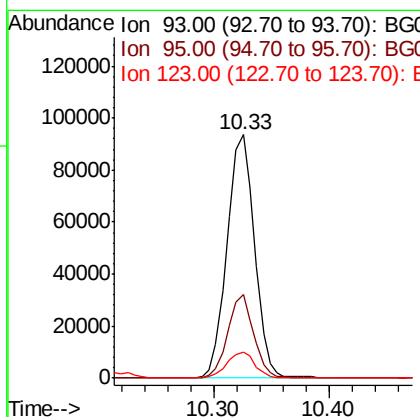
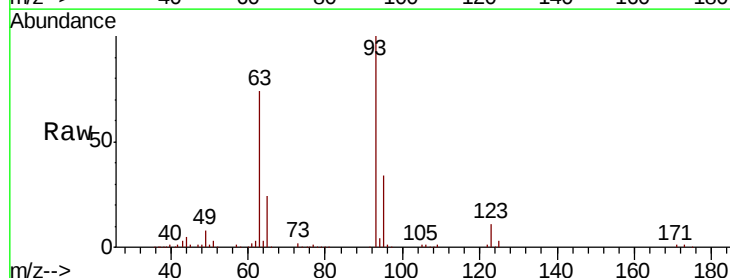
Instrument :
BNA_G
ClientSampleId :
PB120399BS

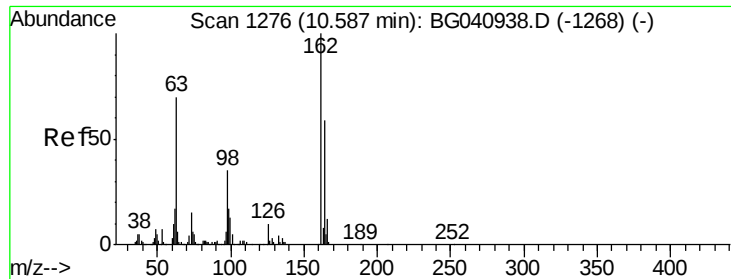
Tgt Ion: 122 Resp: 124595
Ion Ratio Lower Upper
122 100
107 143.9 105.9 158.9
121 57.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 47.192 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion: 93 Resp: 154654
Ion Ratio Lower Upper
93 100
95 34.5 26.2 39.2
123 10.8 9.5 14.3

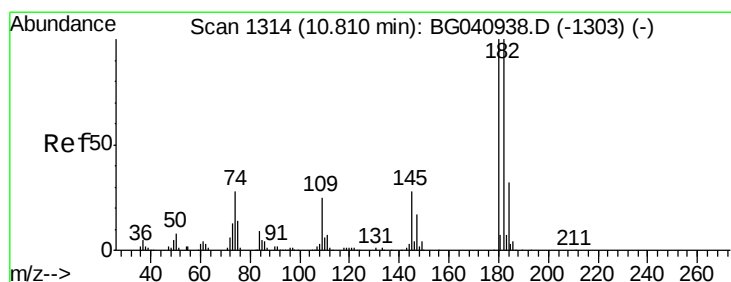
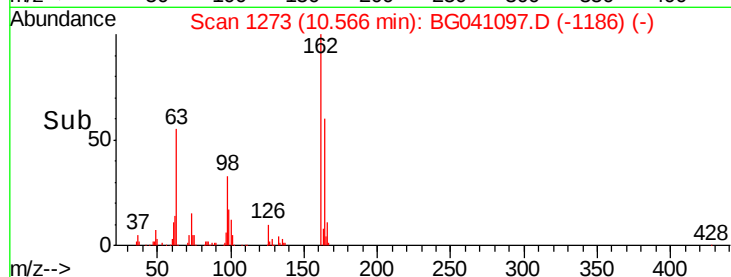
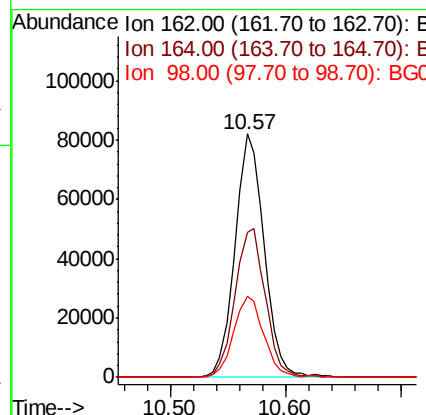
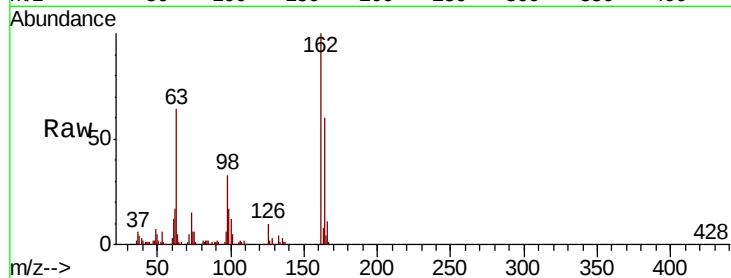




#29
2,4-Dichlorophenol
Concen: 51.145 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

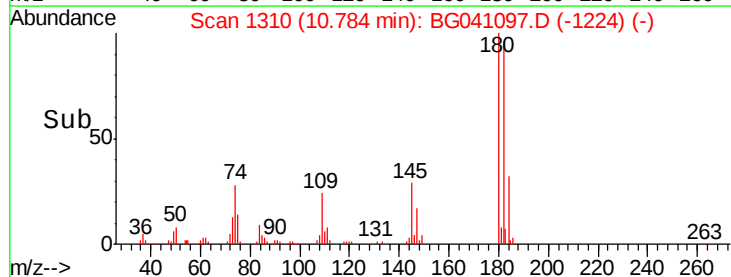
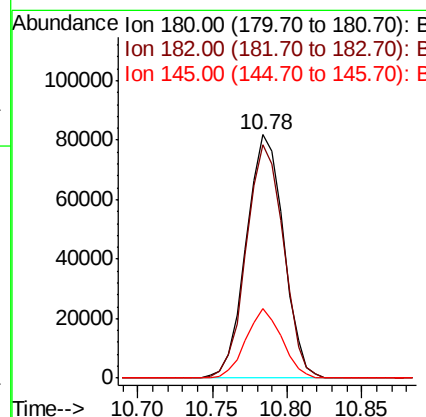
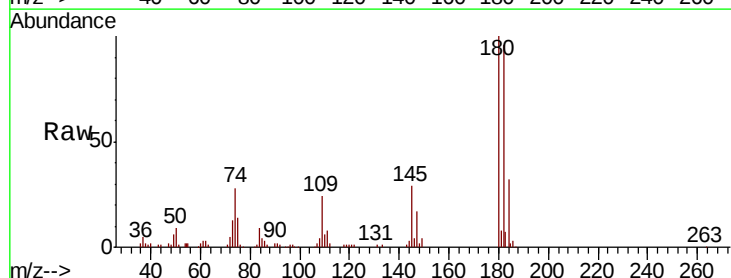
Instrument :
BNA_G
ClientSampleId :
PB120399BS

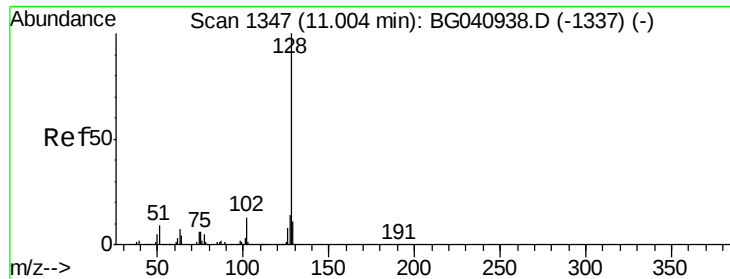
Tgt Ion:162 Resp: 143780
Ion Ratio Lower Upper
162 100
164 59.7 39.4 79.4
98 33.5 15.3 55.3



#30
1,2,4-Trichlorobenzene
Concen: 44.265 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:180 Resp: 141562
Ion Ratio Lower Upper
180 100
182 95.7 79.7 119.5
145 28.6 22.6 34.0

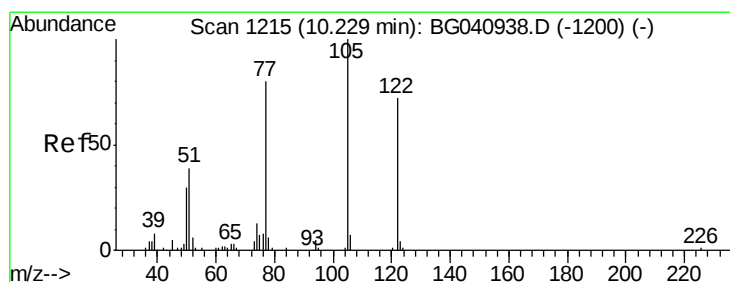
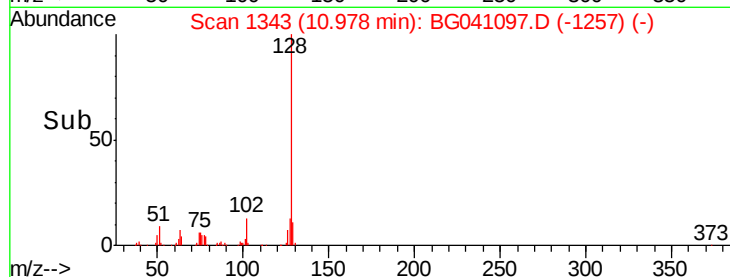
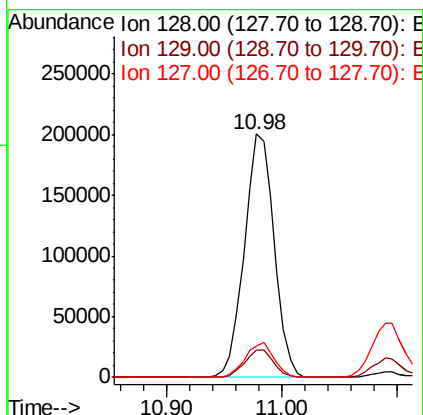
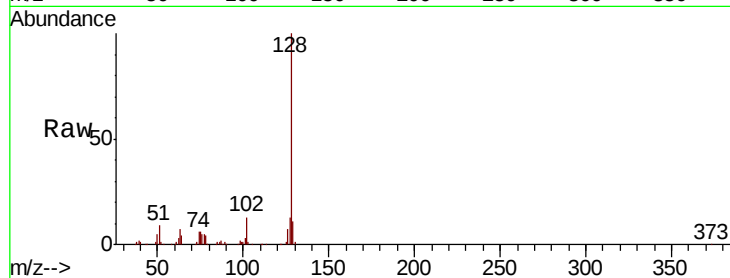




#31
Naphthalene
Concen: 47.139 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

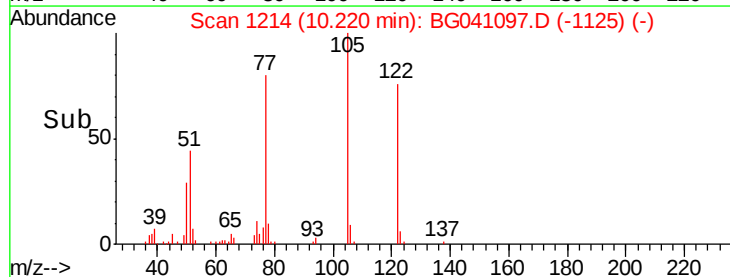
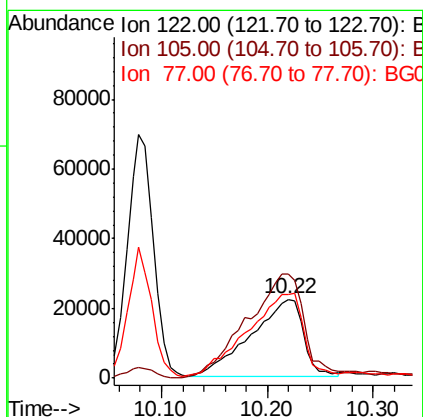
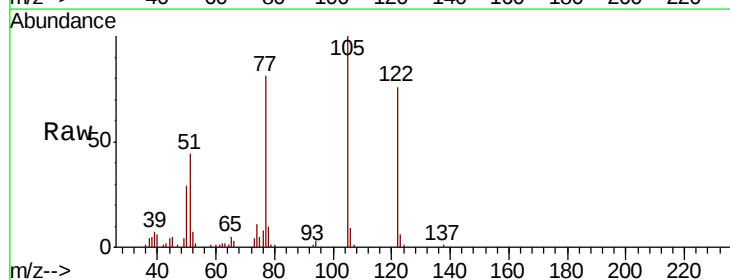
Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion:128 Resp: 358488
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.8 11.4 17.2



#32
Benzoic acid
Concen: 44.124 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:122 Resp: 74593
Ion Ratio Lower Upper
122 100
105 132.3 114.8 154.8
77 106.9 89.9 129.9

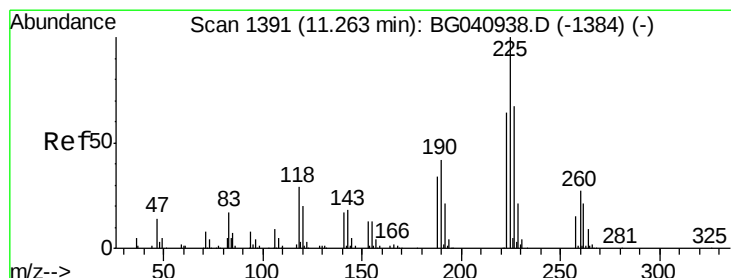
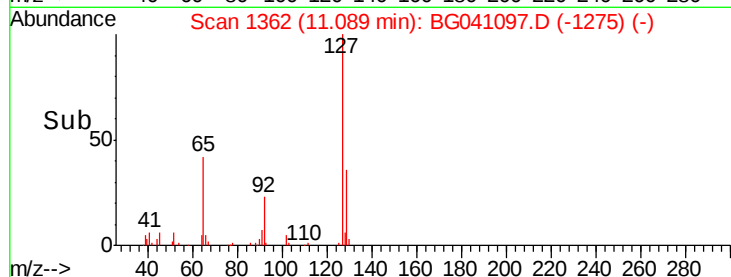
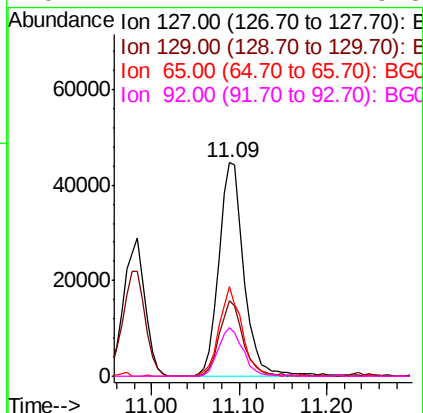
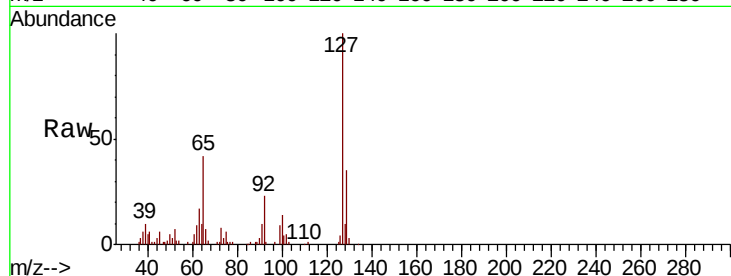




#33
4-Chloroaniline
Concen: 25.169 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

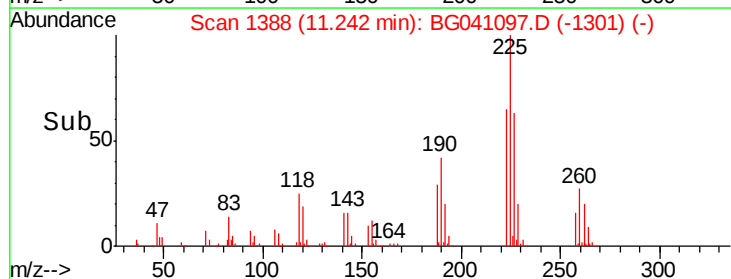
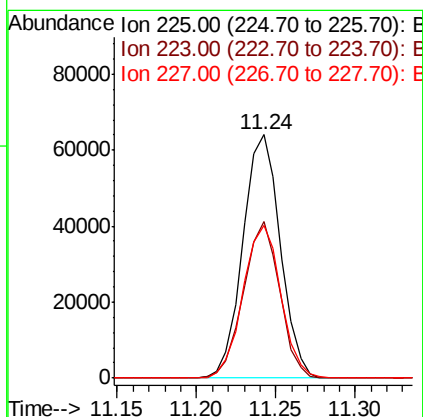
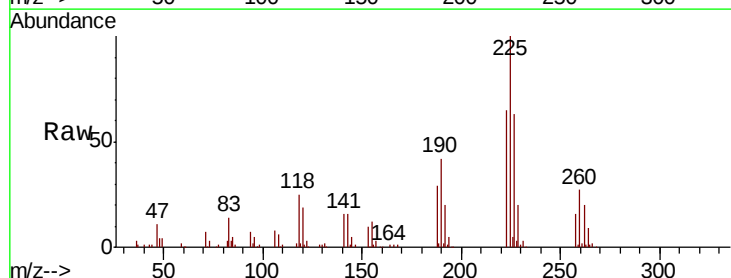
Instrument :
BNA_G
ClientSampleId :
PB120399BS

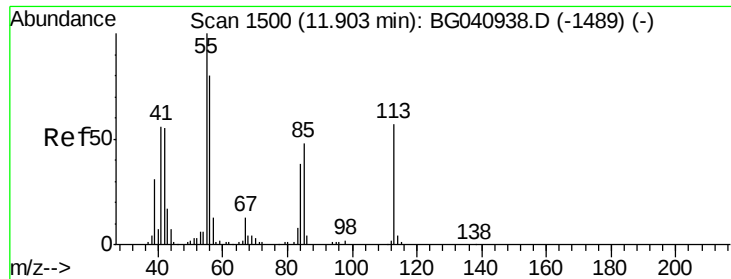
Tgt Ion:	127	Resp:	88811
Ion	Ratio	Lower	Upper
127	100		
129	35.2	27.7	41.5
65	42.0	33.2	49.8
92	22.7	17.2	25.8



#34
Hexachlorobutadiene
Concen: 42.965 ng
RT: 11.24 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:	225	Resp:	105134
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	65.9	51.4	77.0





#35

Caprolactam

Concen: 27.186 ng

RT: 11.87 min Scan# 1495

Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

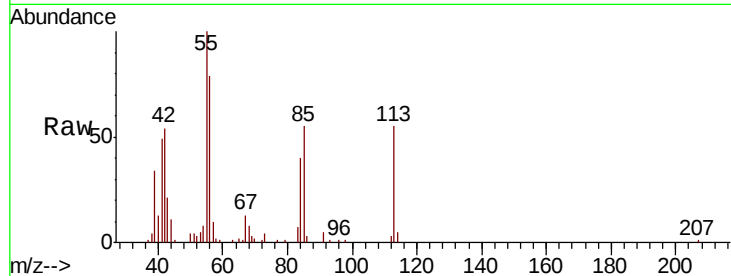
Tgt Ion:113 Resp: 25238

Ion Ratio Lower Upper

113 100

55 181.6 155.9 195.9

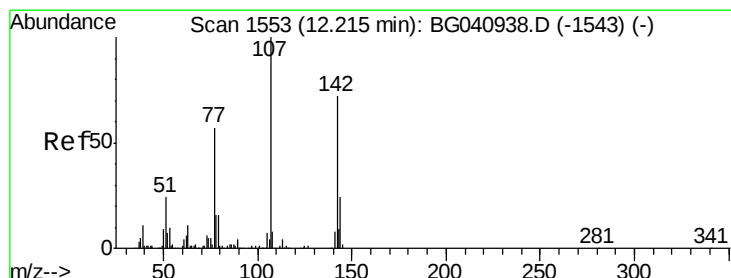
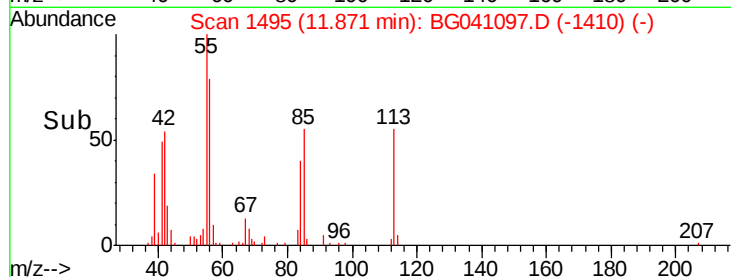
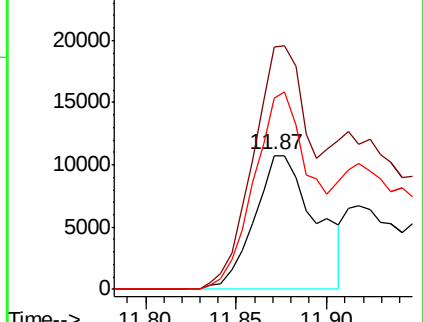
56 143.1 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041097.D (-1489) (-)

Ion 56.00 (55.70 to 56.70): BG041097.D (-1489) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.159 ng

RT: 12.19 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

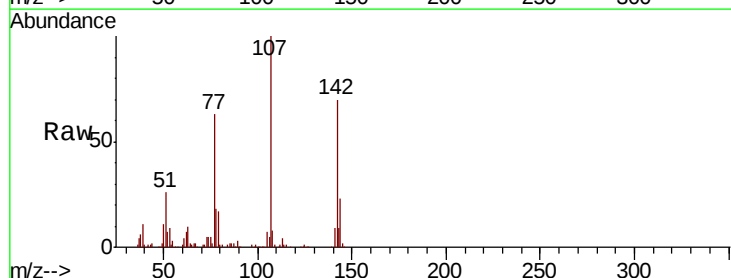
Tgt Ion:107 Resp: 164252

Ion Ratio Lower Upper

107 100

144 23.4 19.4 29.0

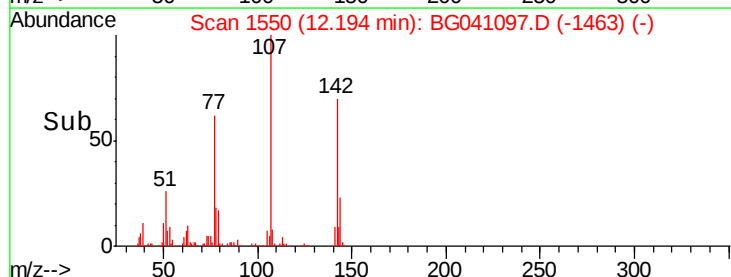
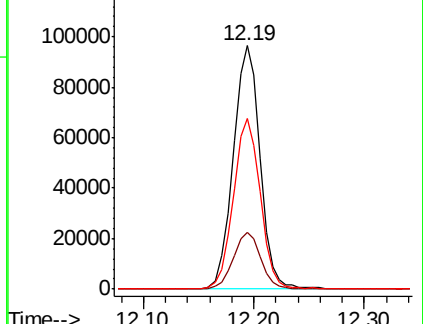
142 70.2 57.3 85.9

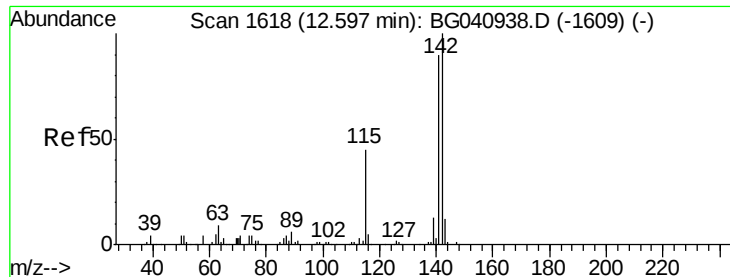


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

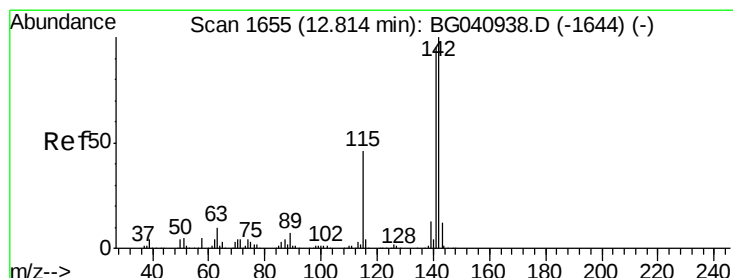
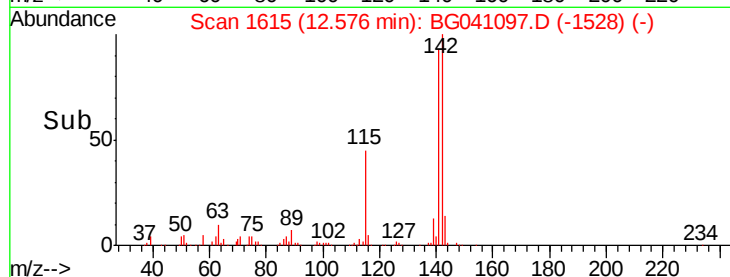
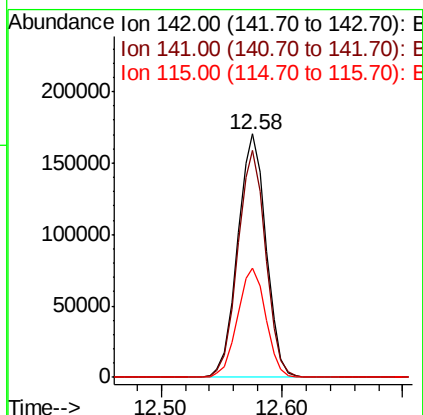
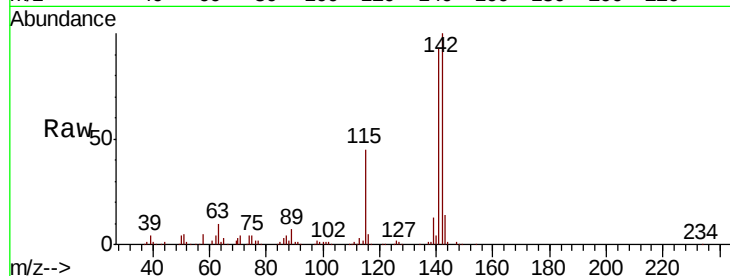




#37
2-Methylnaphthalene
Concen: 47.505 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

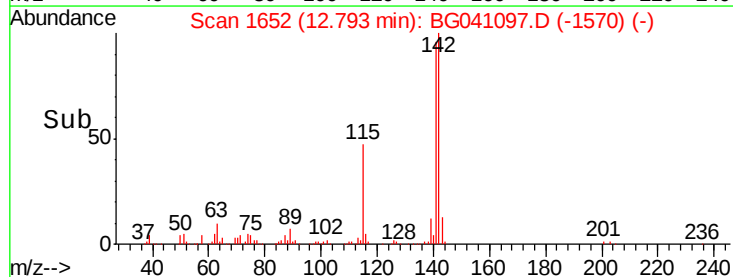
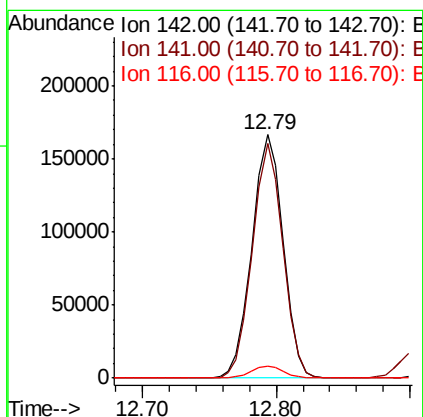
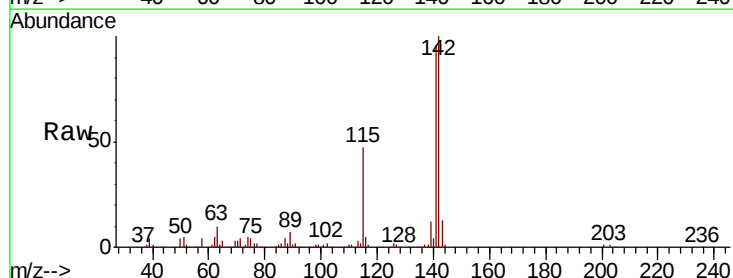
Instrument :
BNA_G
ClientSampleId :
PB120399BS

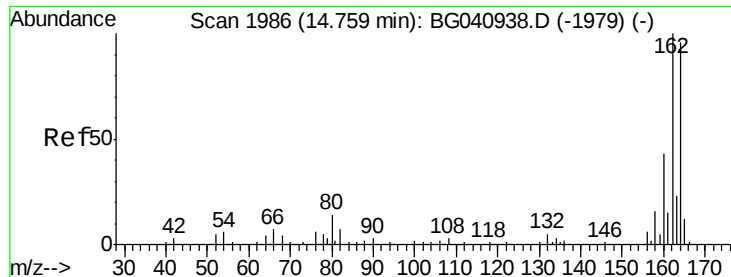
Tgt Ion:142 Resp: 278243
Ion Ratio Lower Upper
142 100
141 93.4 72.2 108.4
115 44.9 36.2 54.4



#38
1-Methylnaphthalene
Concen: 48.600 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:142 Resp: 268243
Ion Ratio Lower Upper
142 100
141 96.4 75.7 113.5
116 4.8 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

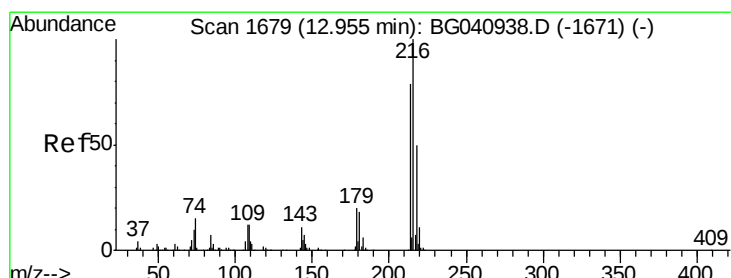
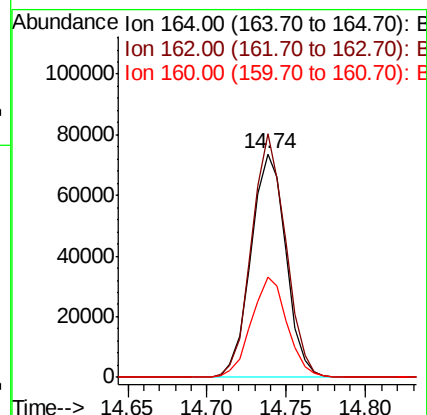
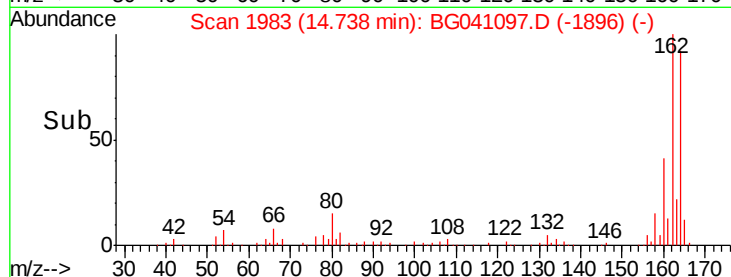
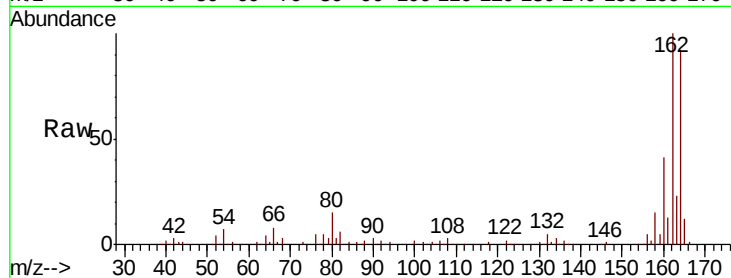
Tgt Ion:164 Resp: 112883

Ion Ratio Lower Upper

164 100

162 109.0 83.0 124.4

160 45.0 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.285 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:216 Resp: 201490

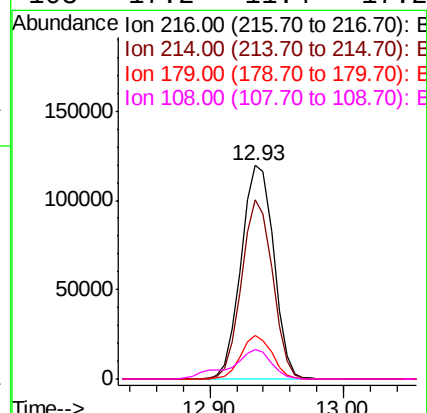
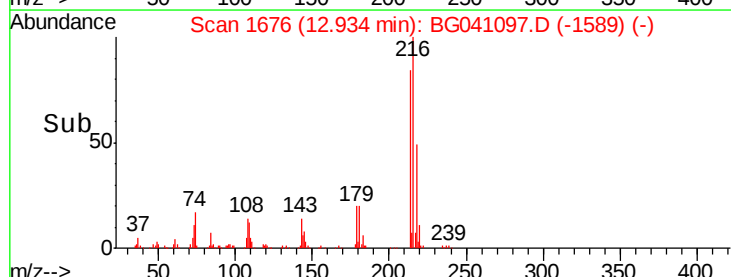
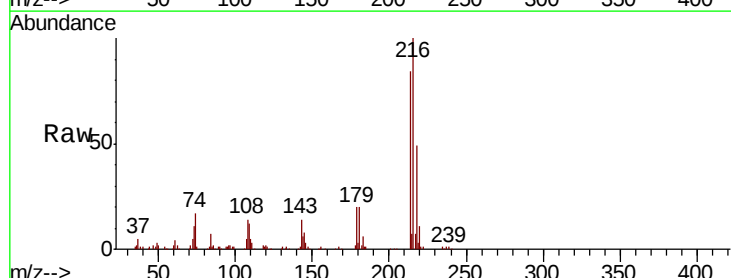
Ion Ratio Lower Upper

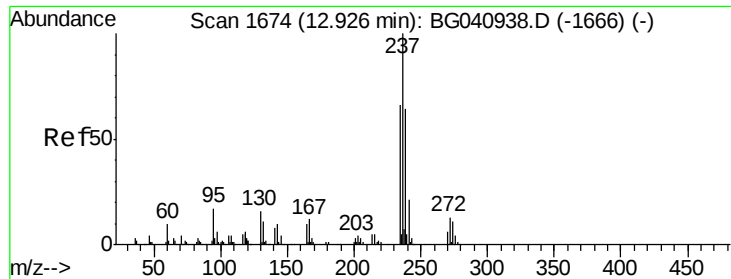
216 100

214 80.2 63.4 95.2

179 19.3 15.2 22.8

108 17.2 11.4 17.2#

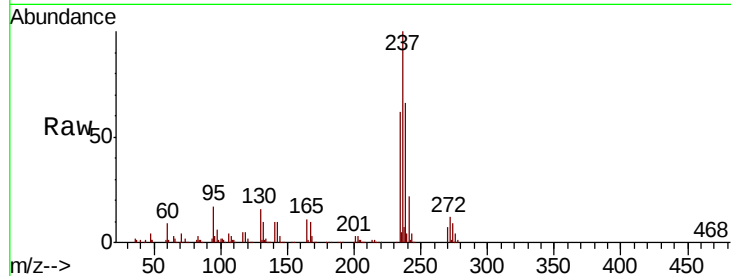




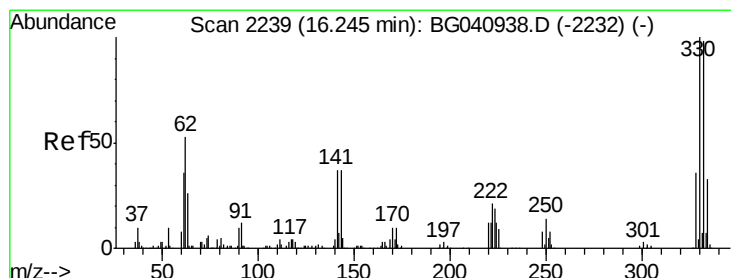
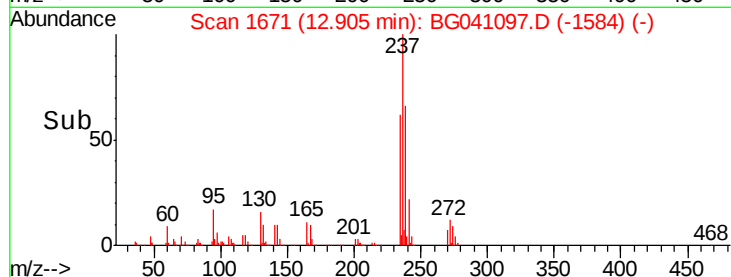
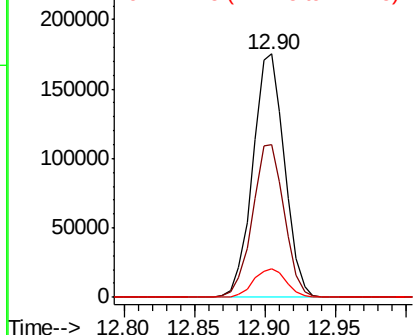
#41
Hexachlorocyclopentadiene
Concen: 109.480 ng
RT: 12.90 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion: 237 Resp: 276032
Ion Ratio Lower Upper
237 100
235 62.5 45.5 85.5
272 12.0 0.0 32.9

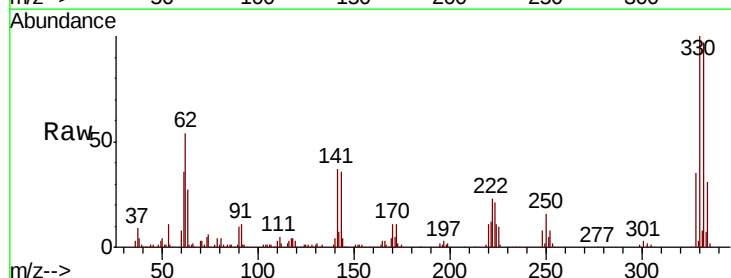


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

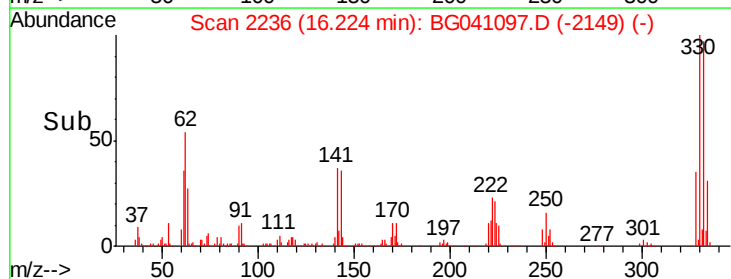
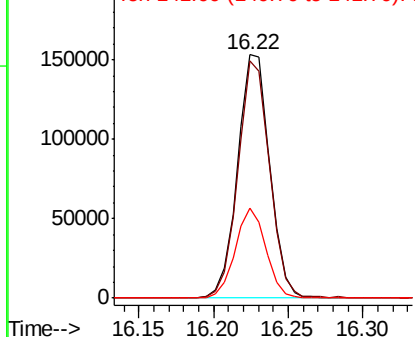


#42
2,4,6-Tribromophenol
Concen: 136.283 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion: 330 Resp: 228386
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 35.6 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

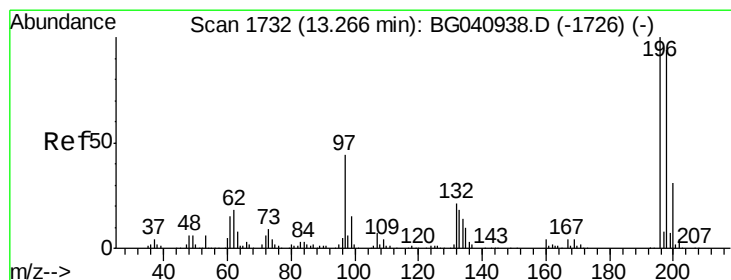
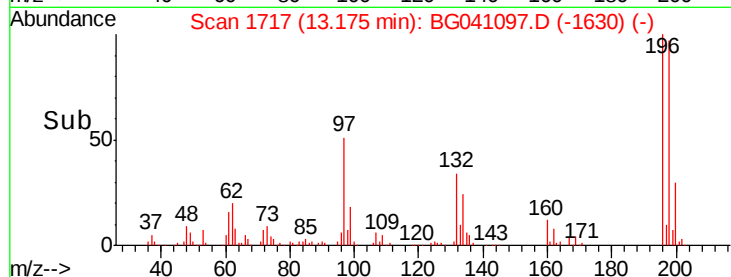
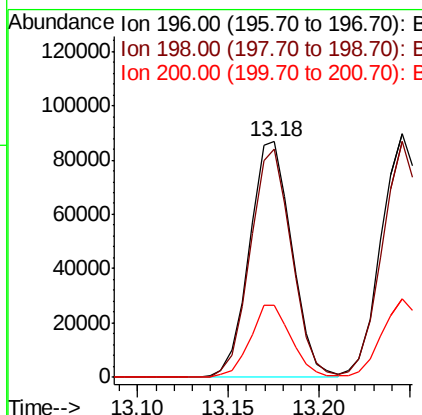
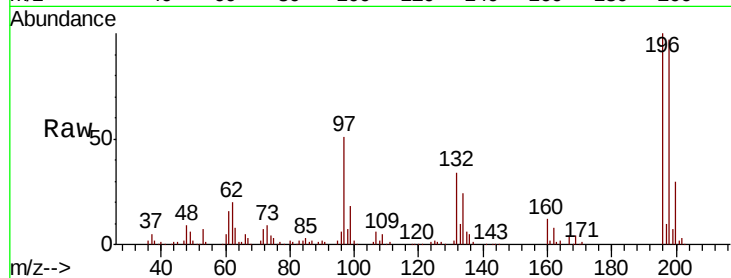




#43
 2,4,6-Trichlorophenol
 Concen: 47.727 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

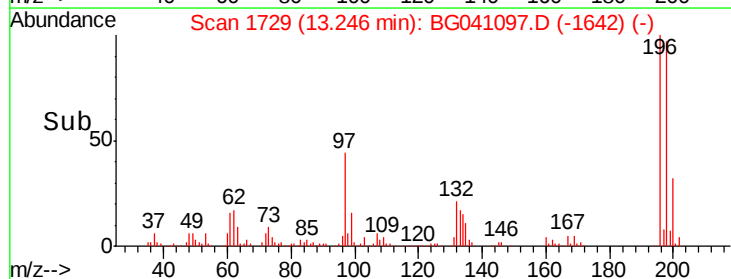
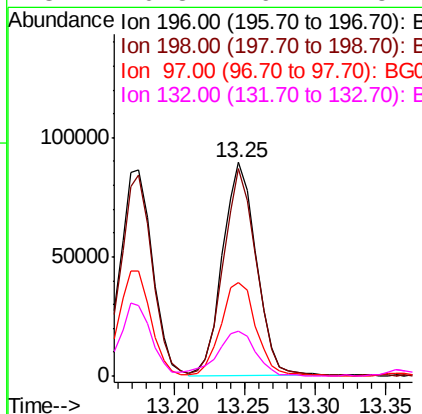
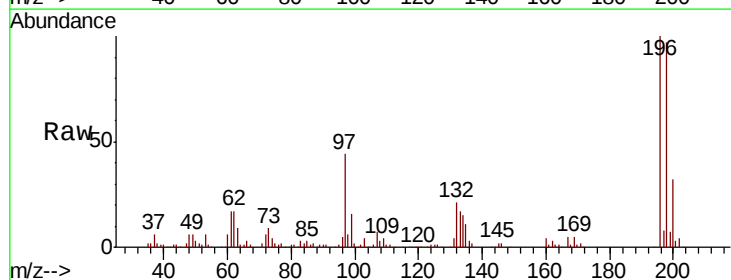
Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tgt Ion:196 Resp: 140477
 Ion Ratio Lower Upper
 196 100
 198 97.1 73.8 110.6
 200 30.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 47.966 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion:196 Resp: 148894
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.1 112.7
 97 44.0 35.6 53.4
 132 20.8 16.7 25.1

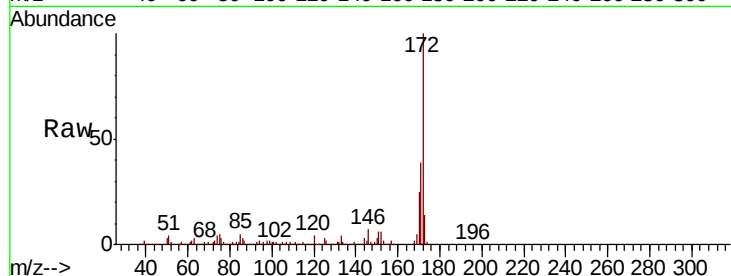




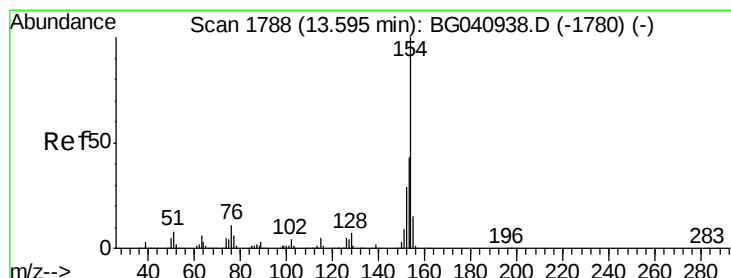
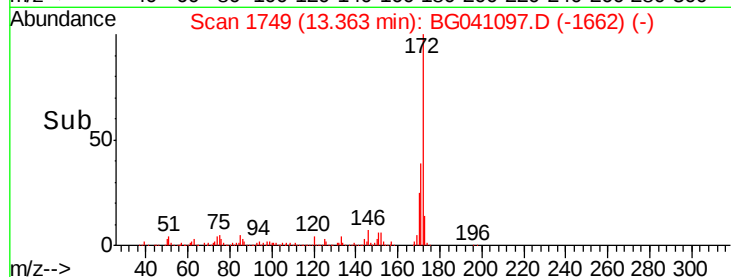
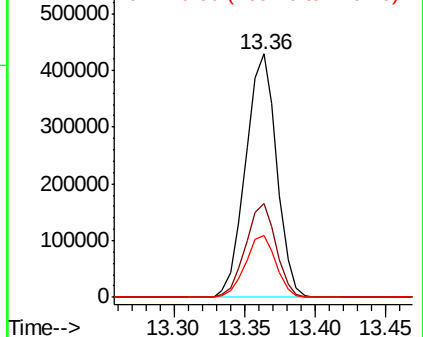
#45
2-Fluorobiphenyl
Concen: 84.327 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion:172 Resp: 661001
Ion Ratio Lower Upper
172 100
171 38.6 31.1 46.7
170 25.3 20.5 30.7

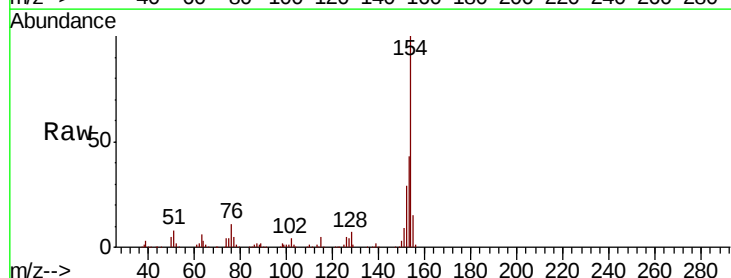


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

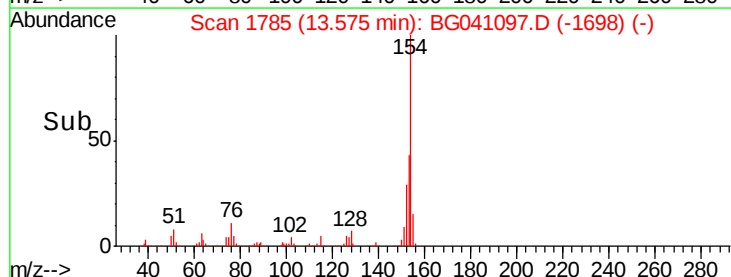
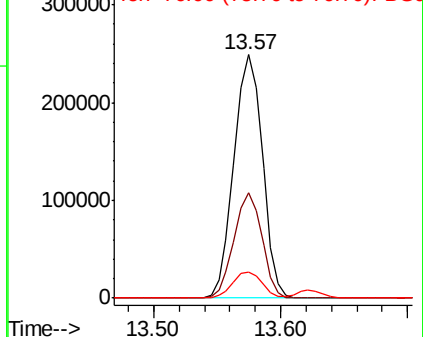


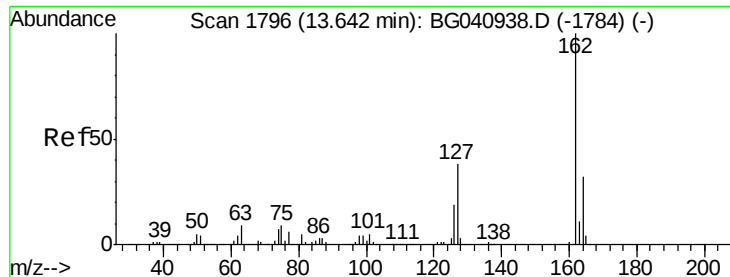
#46
1,1'-Biphenyl
Concen: 46.498 ng
RT: 13.57 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:154 Resp: 388527
Ion Ratio Lower Upper
154 100
153 43.4 23.3 63.3
76 10.8 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

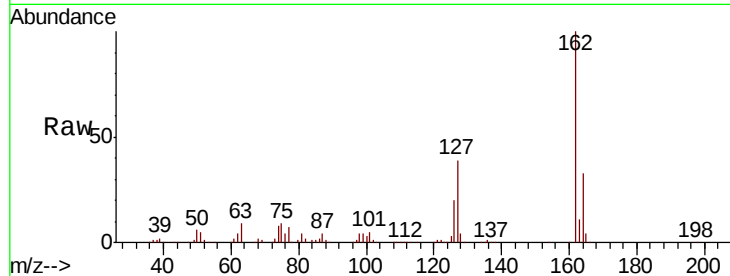




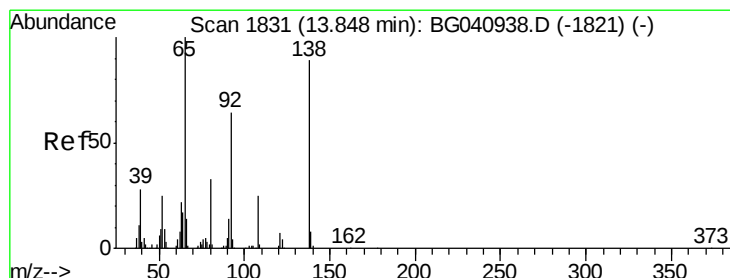
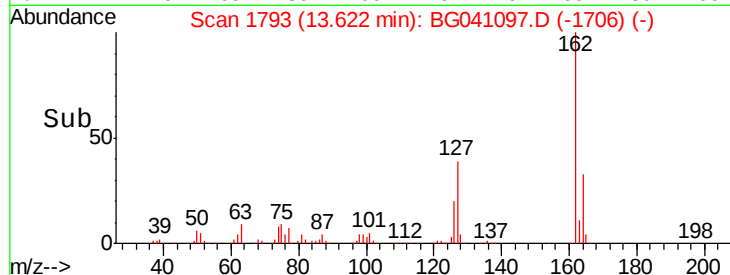
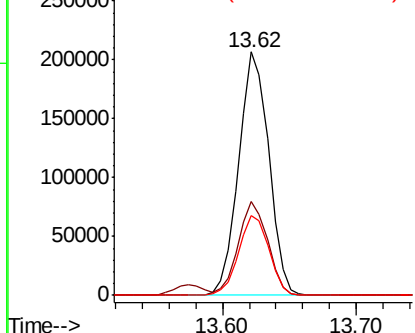
#47
 2-Chloronaphthalene
 Concen: 45.053 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tgt Ion: 162 Resp: 323179
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.5 45.7
 164 33.0 25.8 38.6

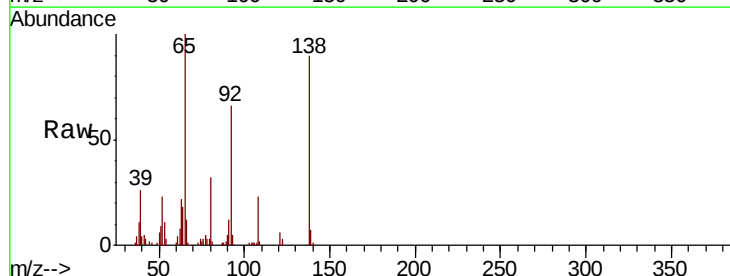


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

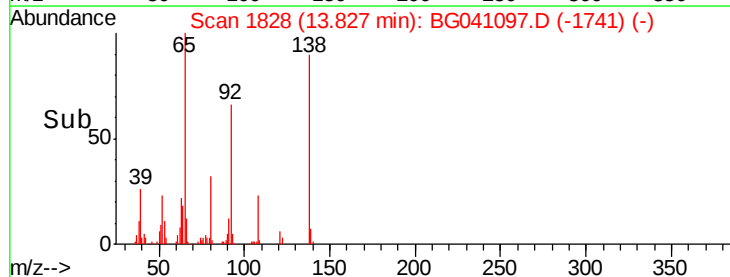
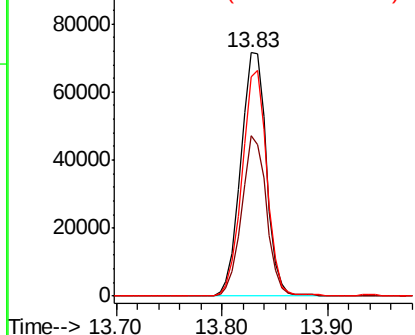


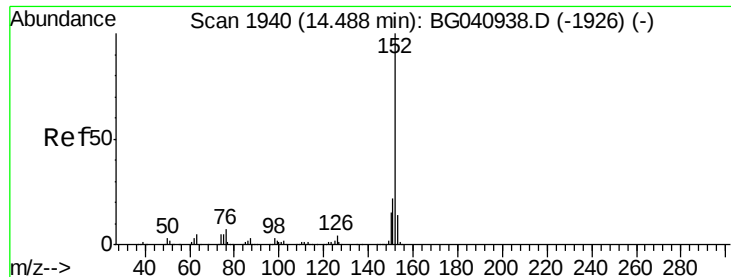
#48
 2-Nitroaniline
 Concen: 46.670 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion: 65 Resp: 120101
 Ion Ratio Lower Upper
 65 100
 92 65.9 51.0 76.6
 138 90.1 71.2 106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.277 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

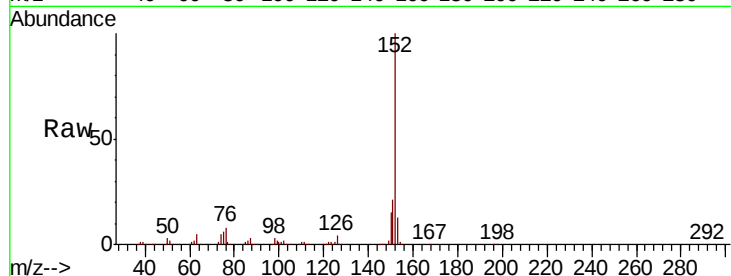
Tgt Ion:152 Resp: 510416

Ion Ratio Lower Upper

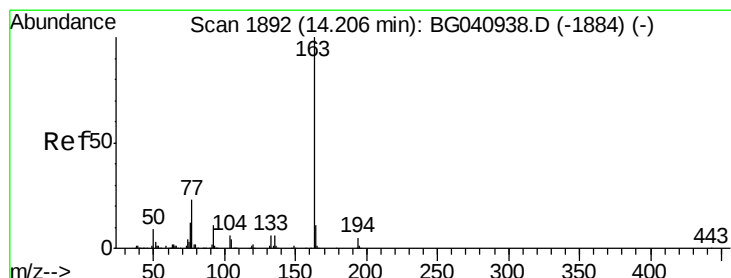
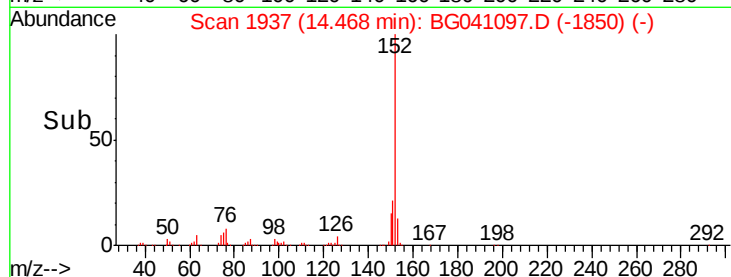
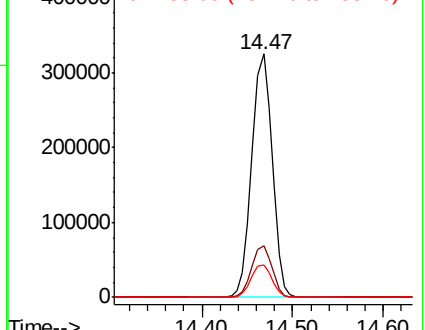
152 100

151 21.2 17.4 26.0

153 13.4 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: 46.721 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

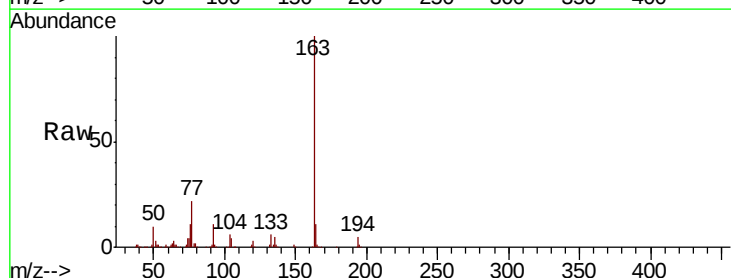
Tgt Ion:163 Resp: 446443

Ion Ratio Lower Upper

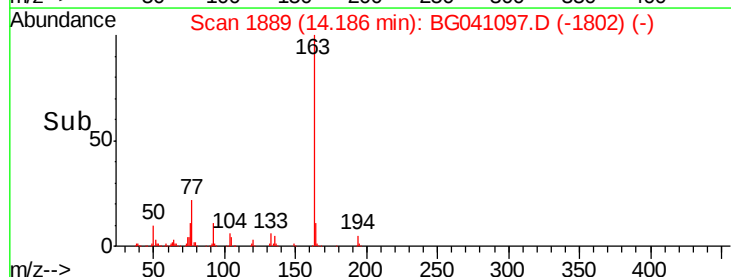
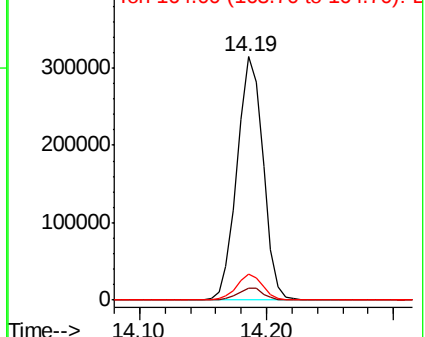
163 100

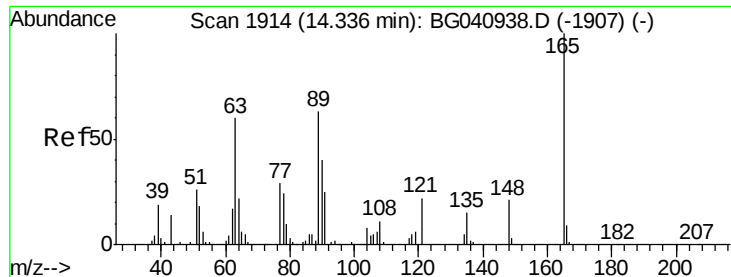
194 4.8 3.8 5.8

164 10.6 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: 48.530 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

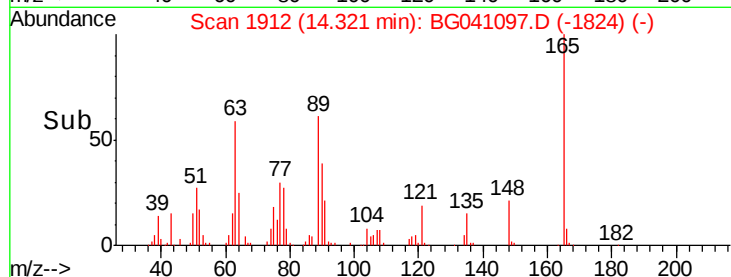
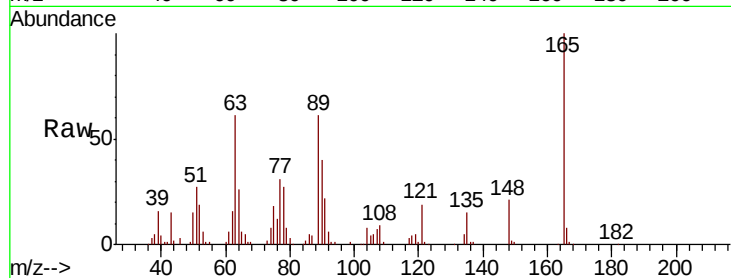
Tgt Ion:165 Resp: 99984

Ion Ratio Lower Upper

165 100

63 60.9 53.6 80.4

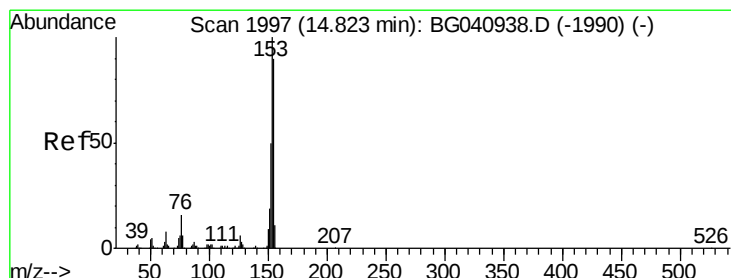
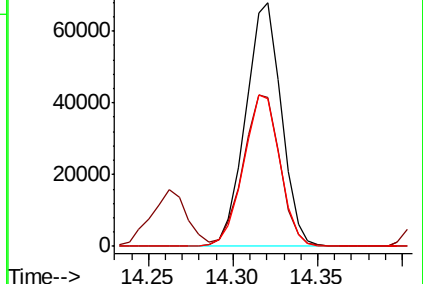
89 60.9 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 45.390 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

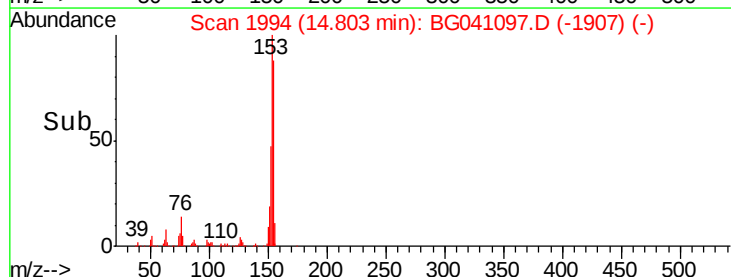
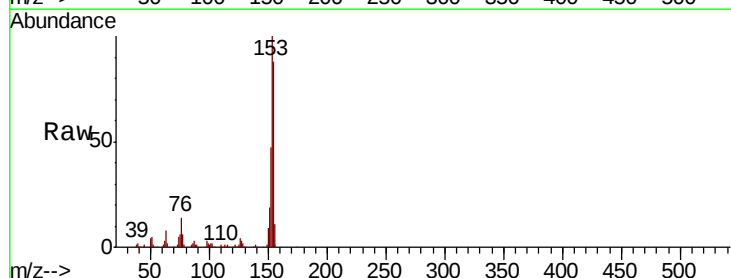
Tgt Ion:154 Resp: 296863

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

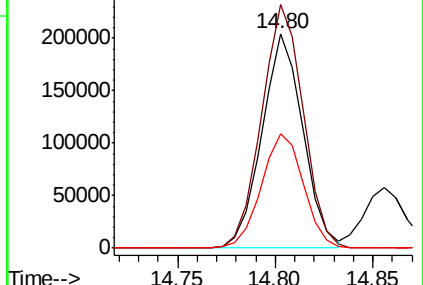
152 53.4 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

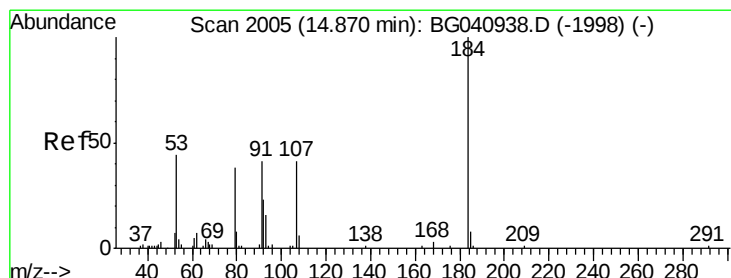
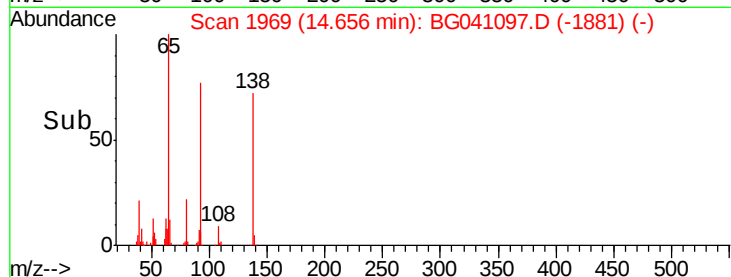
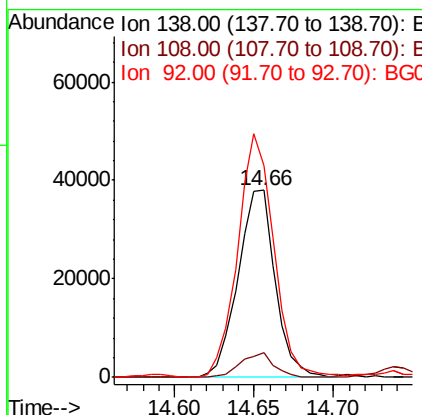
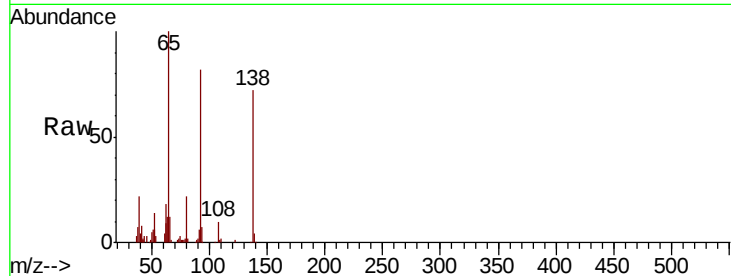




#53
 3-Nitroaniline
 Concen: 30.003 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

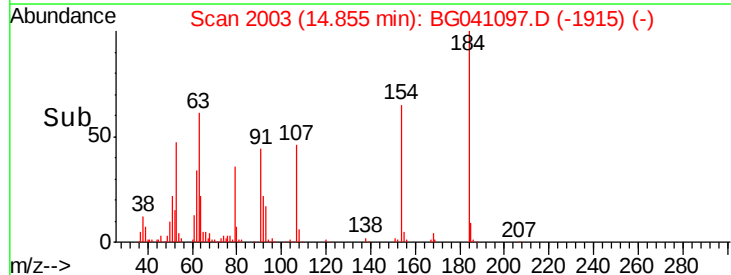
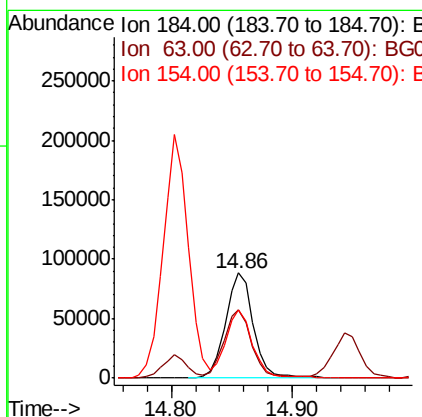
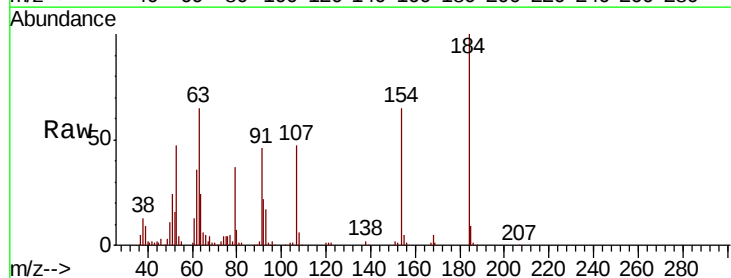
Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tgt Ion:138 Resp: 61813
 Ion Ratio Lower Upper
 138 100
 108 13.5 8.5 12.7#
 92 113.1 99.0 148.6



#54
 2,4-Dinitrophenol
 Concen: 112.182 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion:184 Resp: 140808
 Ion Ratio Lower Upper
 184 100
 63 64.8 49.8 74.6
 154 65.3 52.2 78.4





#55

Dibenzenofuran

Concen: 47.848 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

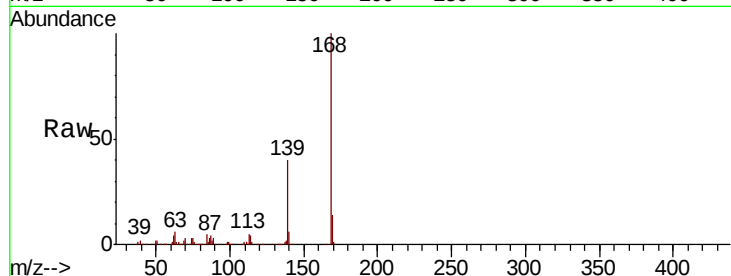
Tgt Ion:168 Resp: 526573

Ion Ratio Lower Upper

168 100

139 40.4 32.8 49.2

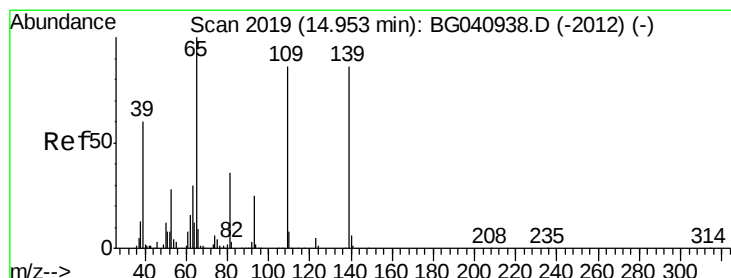
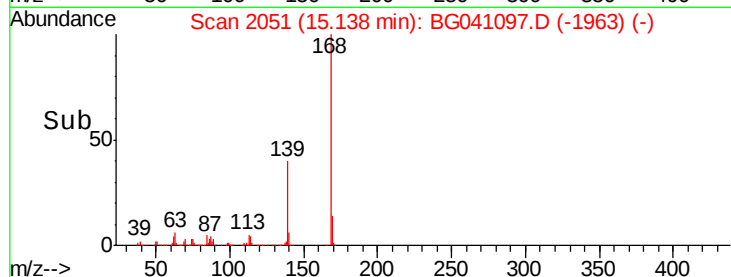
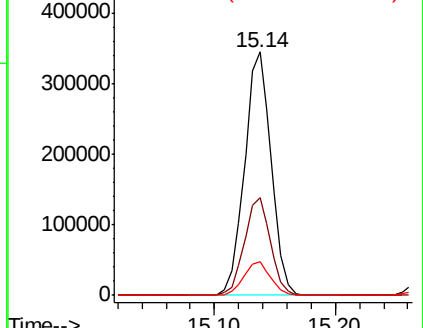
169 14.0 11.3 16.9



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: 106.688 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

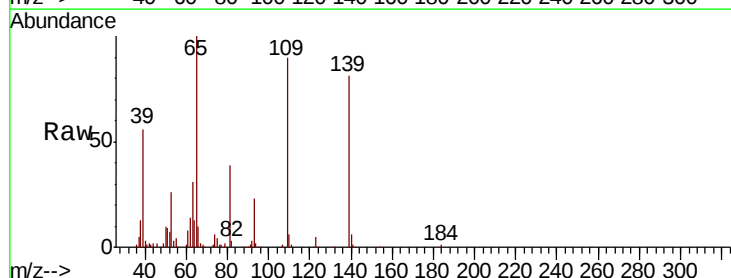
Tgt Ion:139 Resp: 150761

Ion Ratio Lower Upper

139 100

109 111.1 79.6 119.6

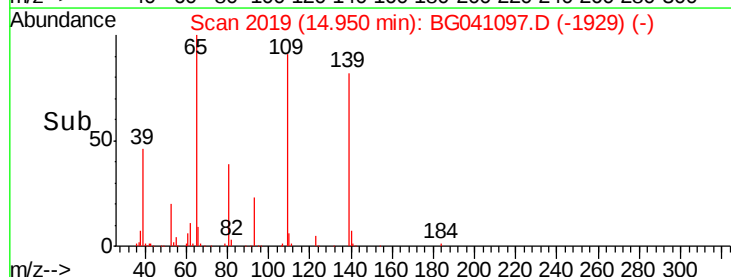
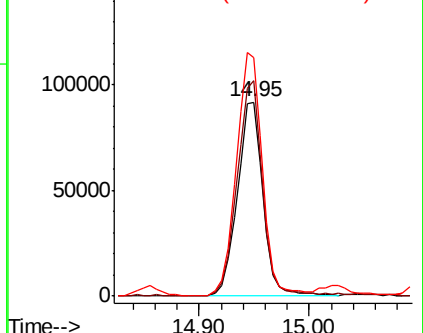
65 123.0 96.9 136.9

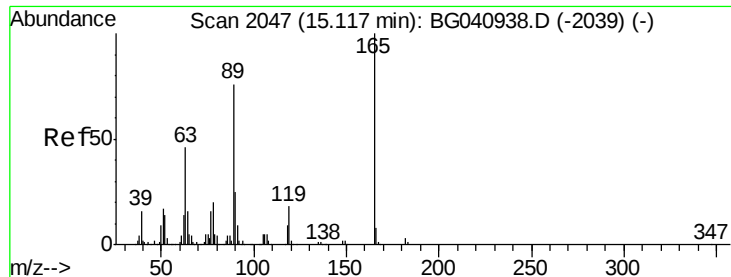


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

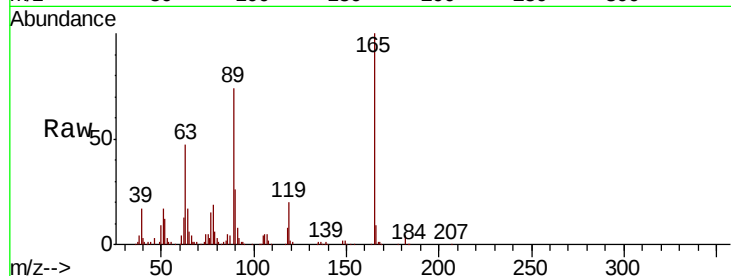




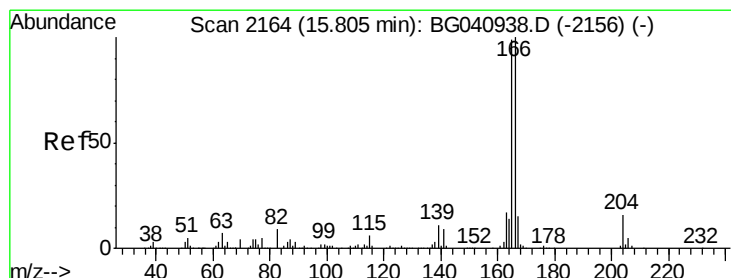
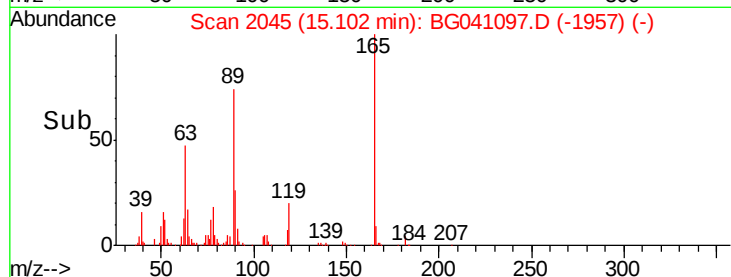
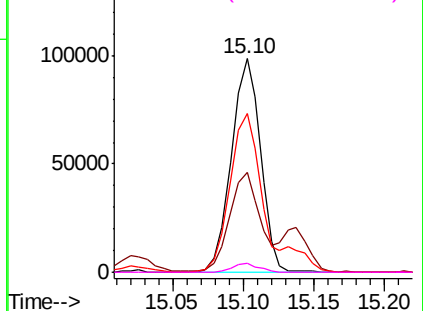
#57
2,4-Dinitrotoluene
Concen: 48.765 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion:165 Resp: 141920
Ion Ratio Lower Upper
165 100
63 46.9 37.3 55.9
89 74.2 61.0 91.6
182 4.0 2.2 3.2#

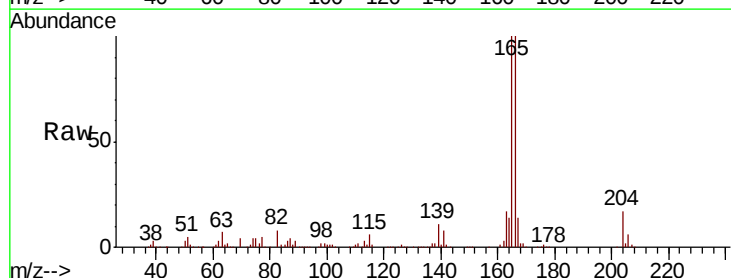


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

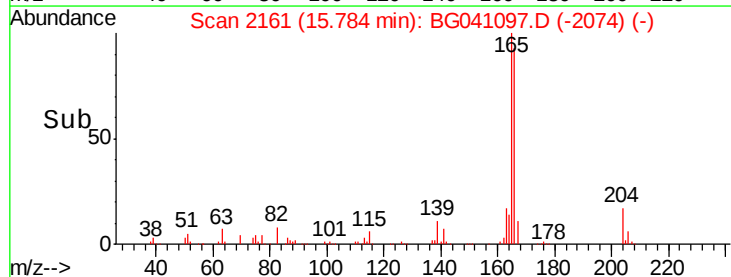
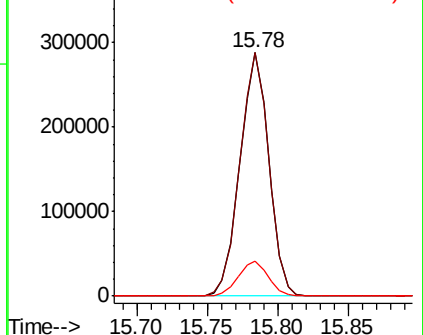


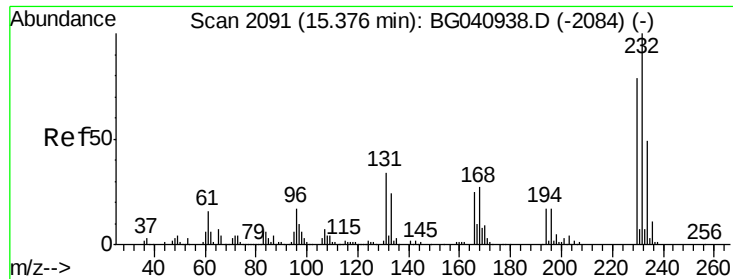
#58
Fluorene
Concen: 47.131 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:166 Resp: 413073
Ion Ratio Lower Upper
166 100
165 100.1 79.2 118.8
167 14.2 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

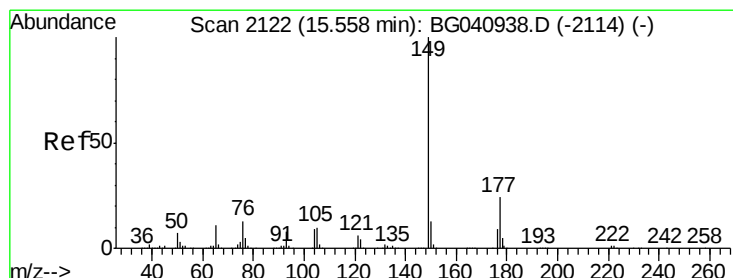
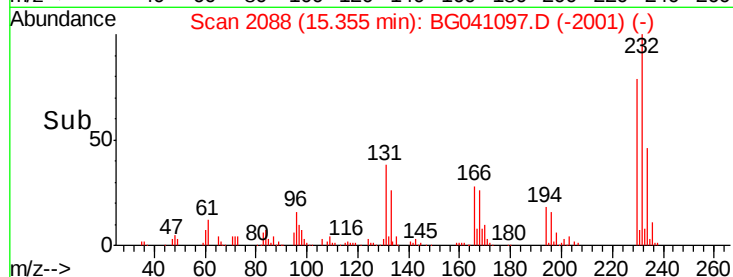
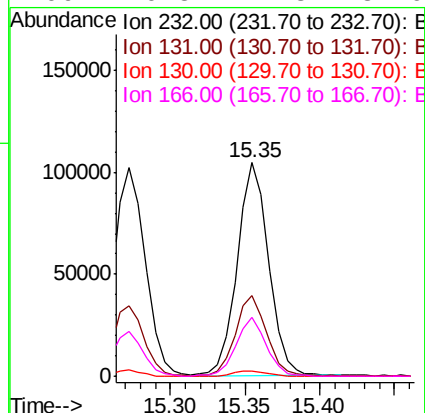
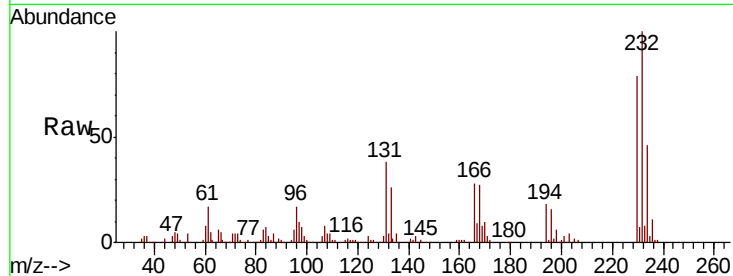




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.057 ng
 RT: 15.35 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

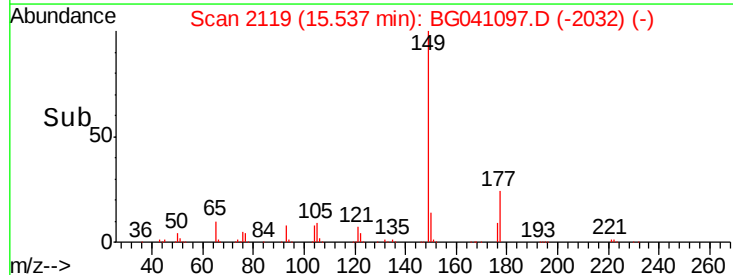
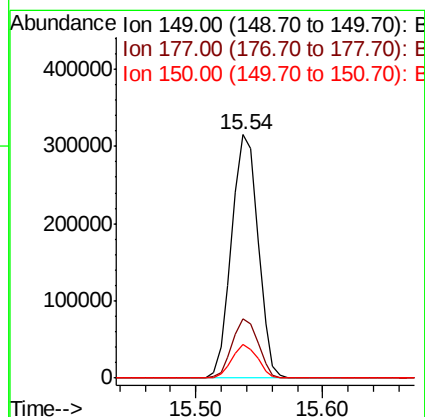
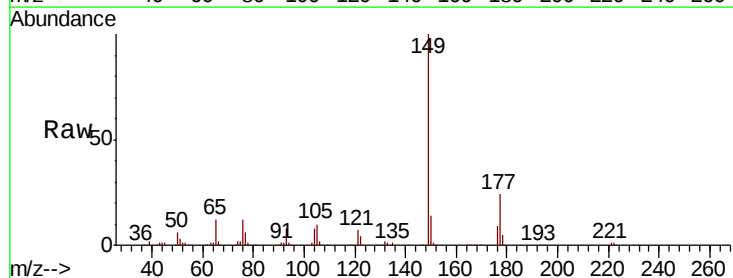
Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

Tgt Ion:	232	Resp:	152703
Ion	Ratio	Lower	Upper
232	100		
131	38.5	30.3	45.5
130	2.7	1.8	2.8
166	26.8	21.3	31.9



#60
 Diethylphthalate
 Concen: 46.626 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion:	149	Resp:	454688
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.7	10.3	15.5

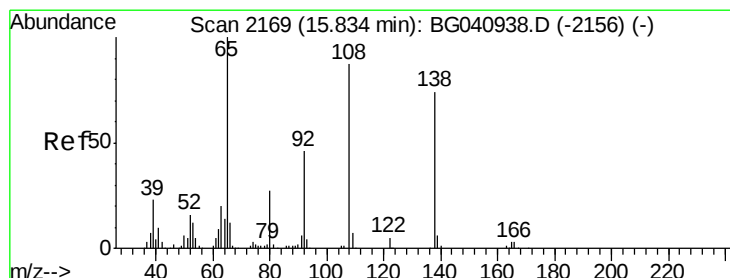
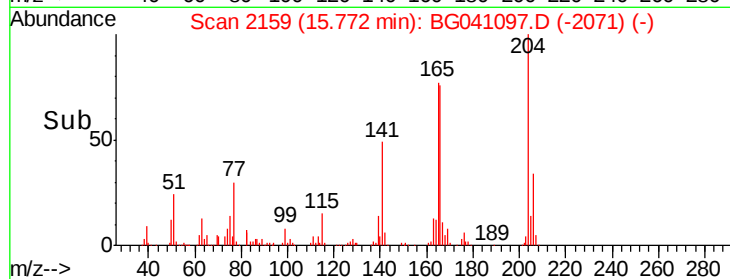
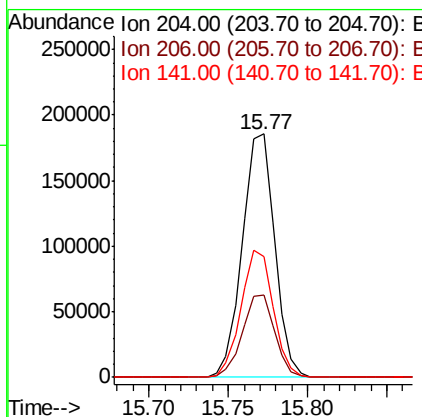
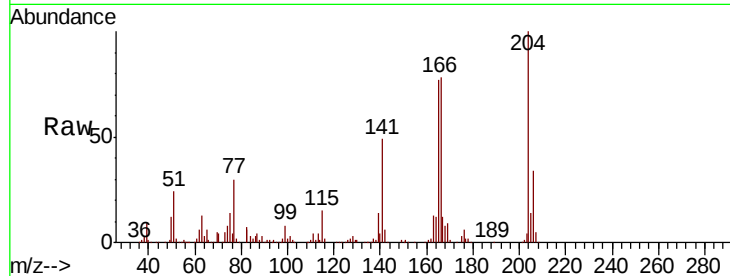




#61
 4-Chlorophenyl-phenylether
 Concen: 46.346 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

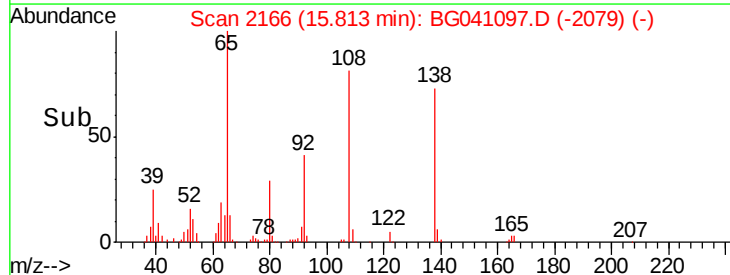
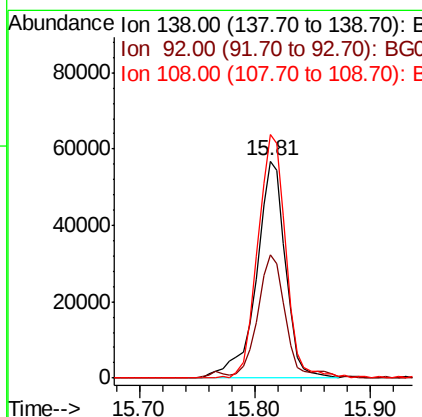
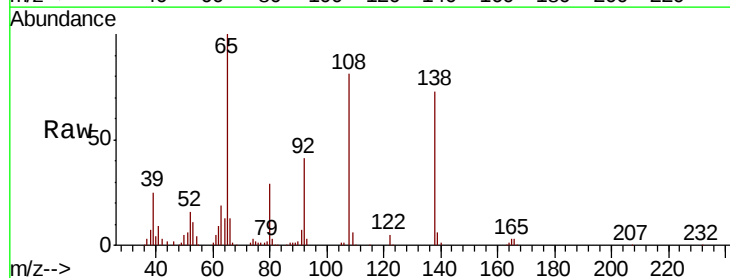
Instrument :
 BNA_G
 ClientSampleId :
 PB120399BS

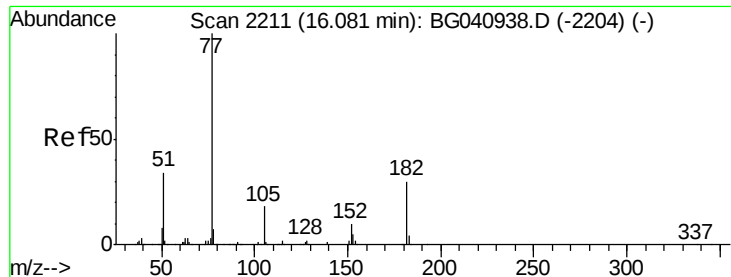
Tgt Ion: 204 Resp: 264019
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.6 41.4
 141 49.4 45.1 67.7



#62
 4-Nitroaniline
 Concen: 45.858 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion: 138 Resp: 100020
 Ion Ratio Lower Upper
 138 100
 92 56.5 42.4 82.4
 108 112.0 96.9 136.9





#63

Azobenzene

Concen: 46.817 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

Tgt Ion: 77 Resp: 414951

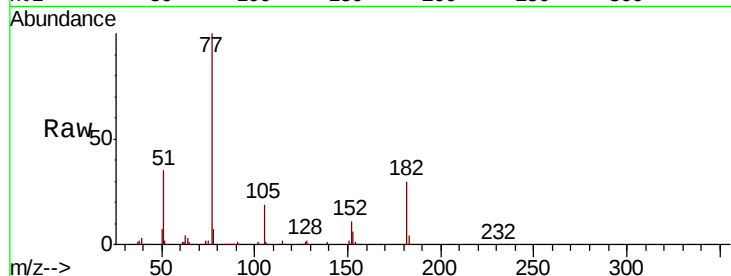
Ion Ratio Lower Upper

77 100

182 30.5 9.6 49.6

105 19.1 0.0 37.5

51 35.2 13.7 53.7

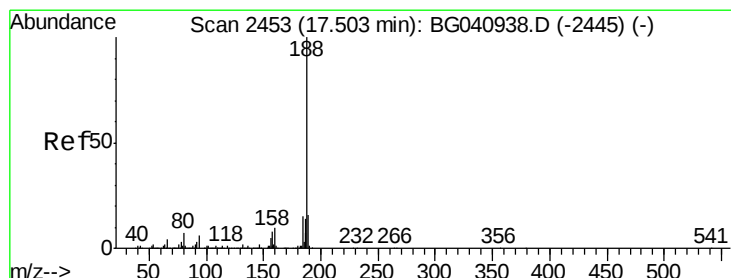
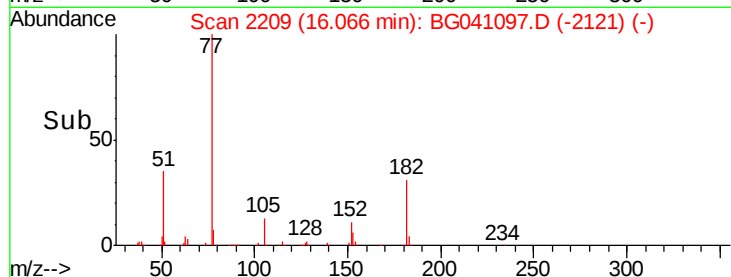
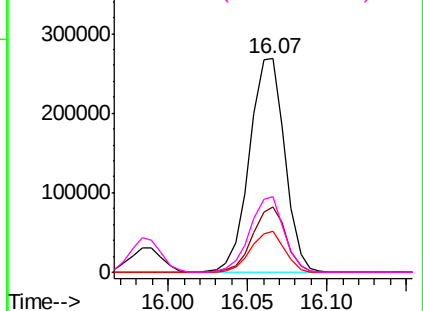


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

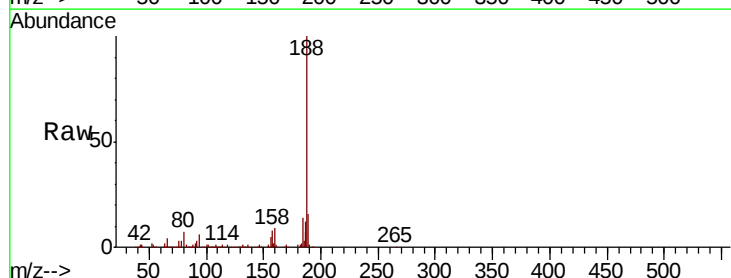
Tgt Ion: 188 Resp: 298954

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

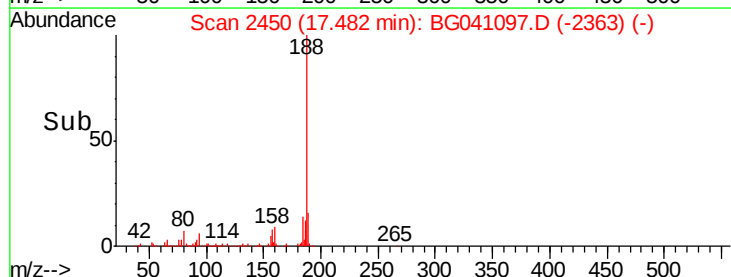
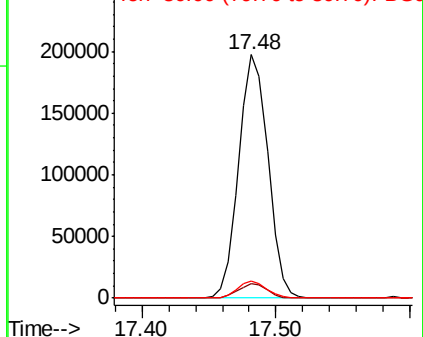
80 7.0 5.8 8.8



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: 54.803 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

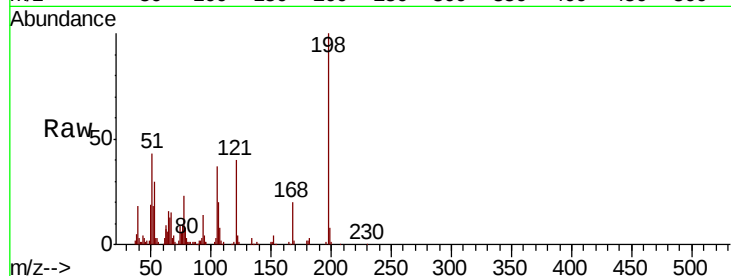
Tgt Ion:198 Resp: 90168

Ion Ratio Lower Upper

198 100

51 43.0 21.6 61.6

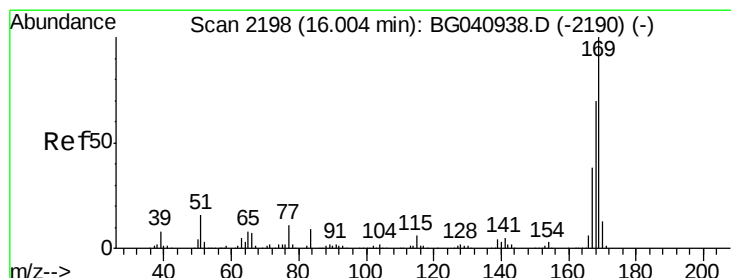
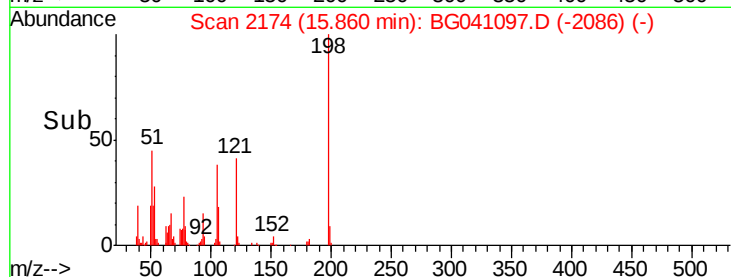
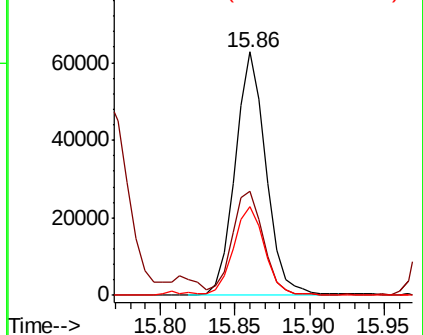
105 36.6 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.700 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

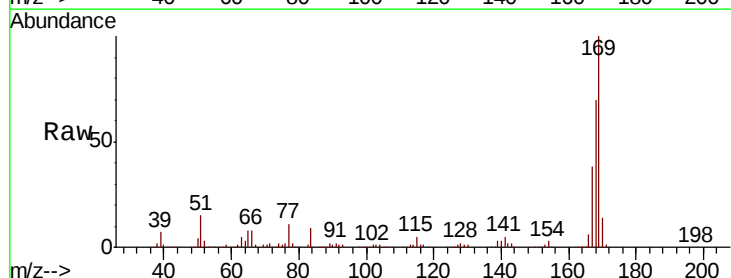
Tgt Ion:169 Resp: 384061

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

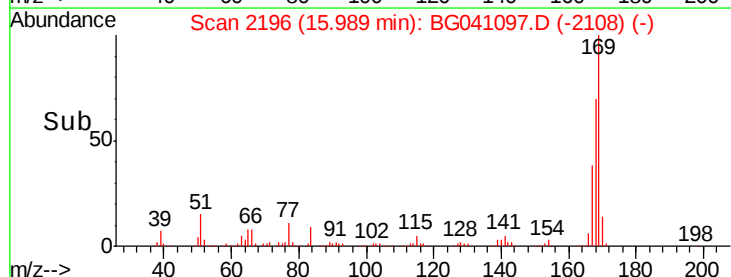
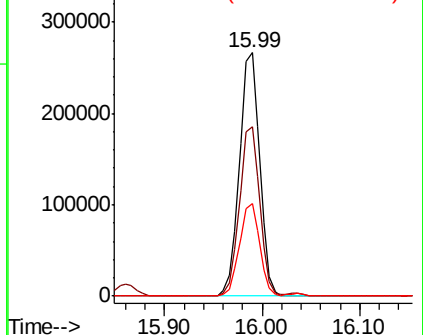
167 38.1 30.2 45.2

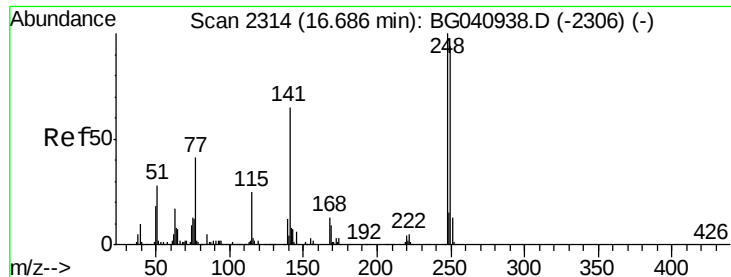


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.914 ng

RT: 16.67 min Scan# 2311

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

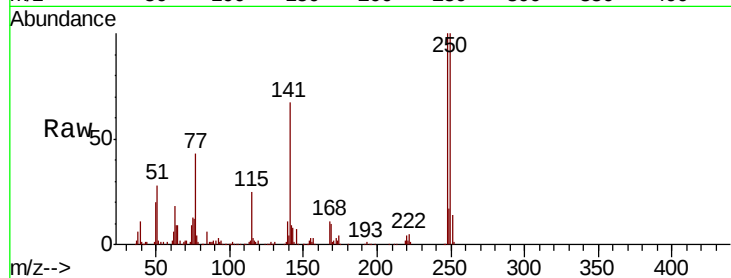
Tgt Ion:248 Resp: 169103

Ion Ratio Lower Upper

248 100

250 100.5 75.0 112.4

141 67.7 52.4 78.6

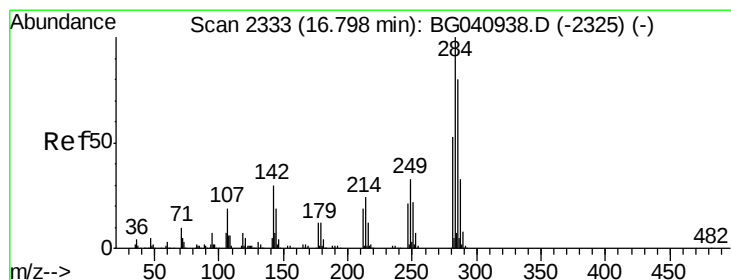
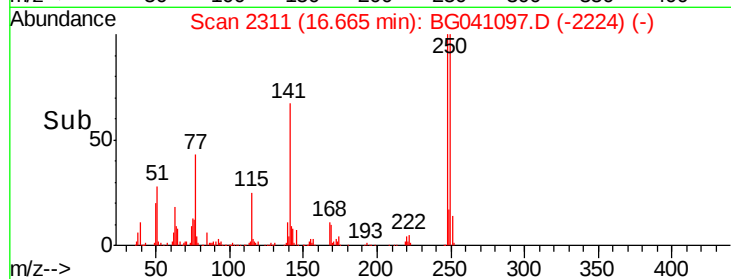
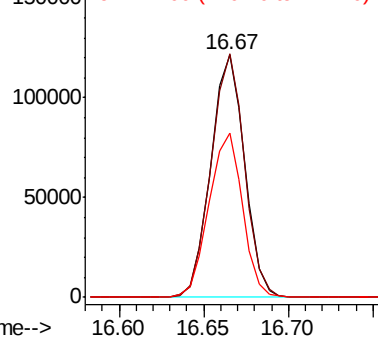


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.584 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

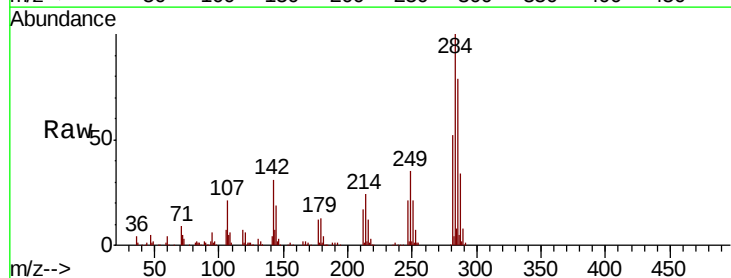
Tgt Ion:284 Resp: 178648

Ion Ratio Lower Upper

284 100

142 31.2 23.9 35.9

249 34.9 26.8 40.2

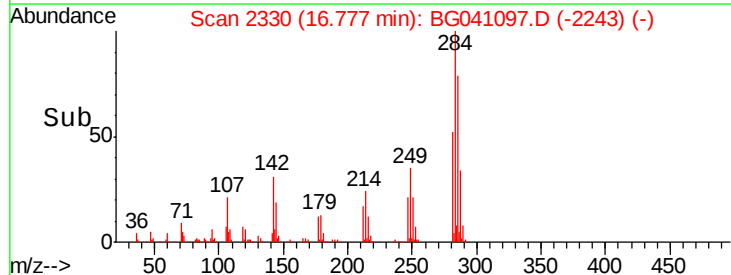
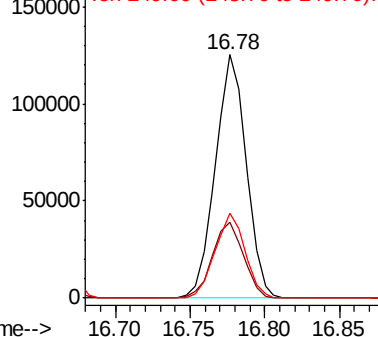


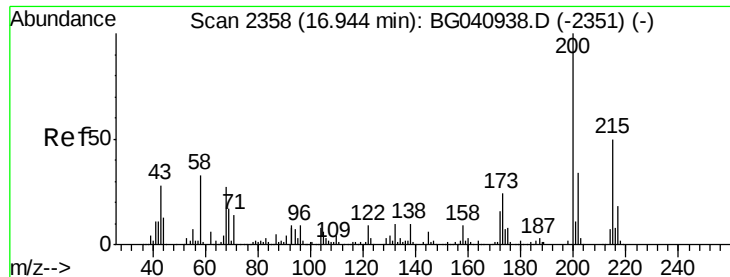
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.723 ng

RT: 16.92 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

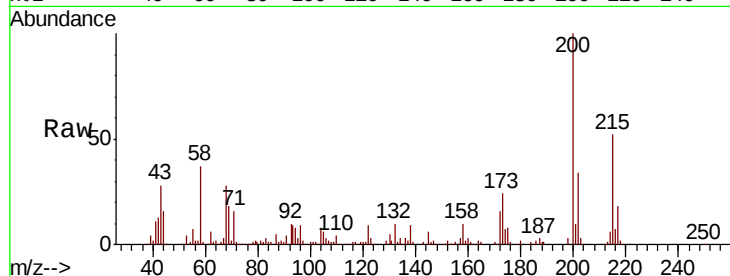
Tgt Ion:200 Resp: 161238

Ion Ratio Lower Upper

200 100

173 24.1 3.6 43.6

215 52.0 29.6 69.6

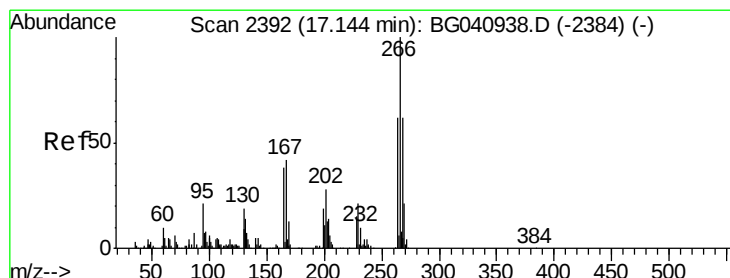
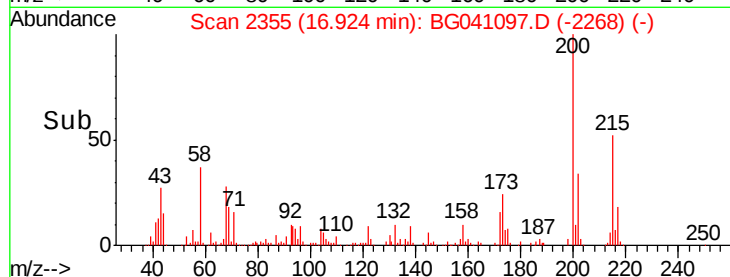
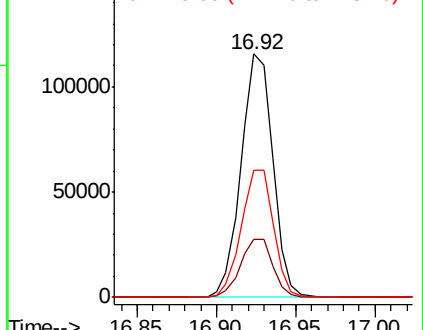


Abundance

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: 95.361 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

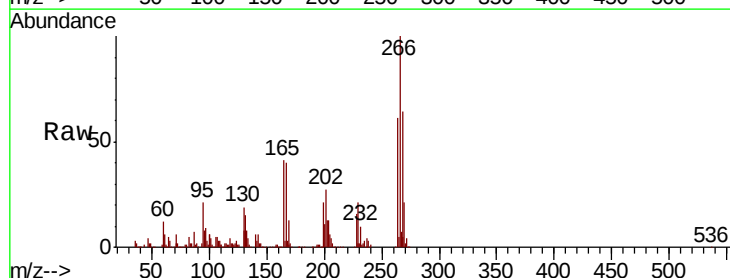
Tgt Ion:266 Resp: 221452

Ion Ratio Lower Upper

266 100

268 63.9 53.1 79.7

264 60.6 49.9 74.9

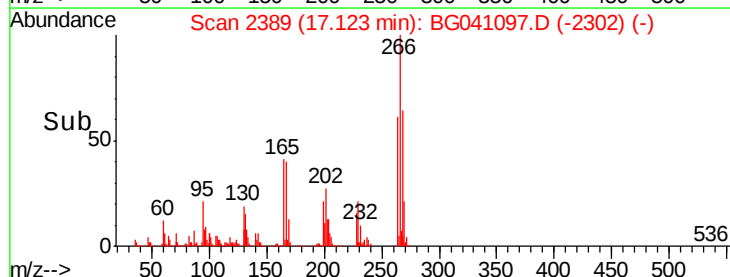
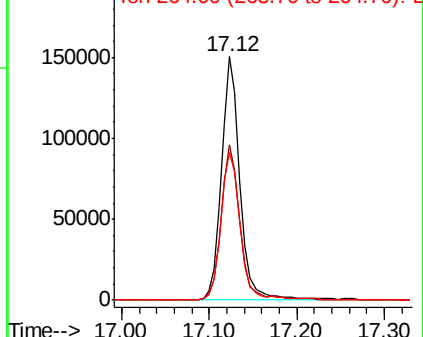


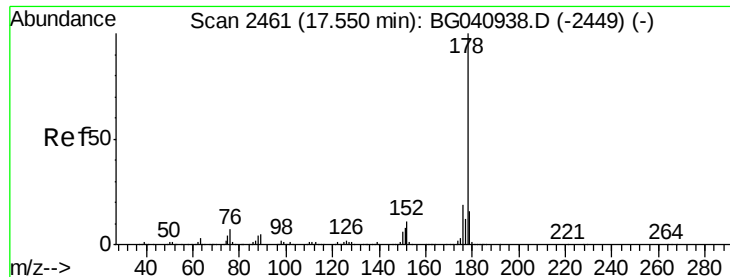
Abundance

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

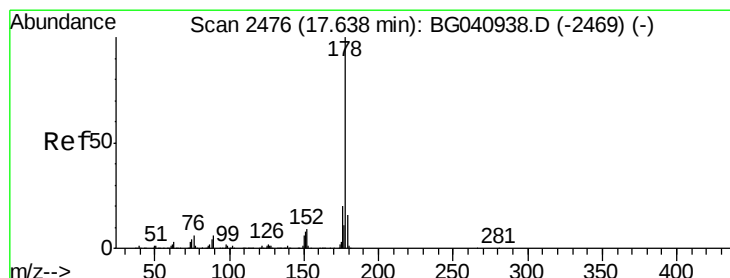
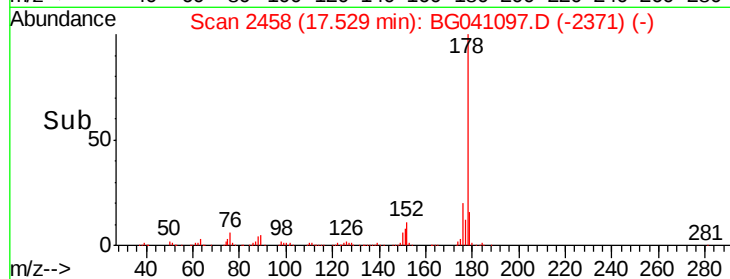
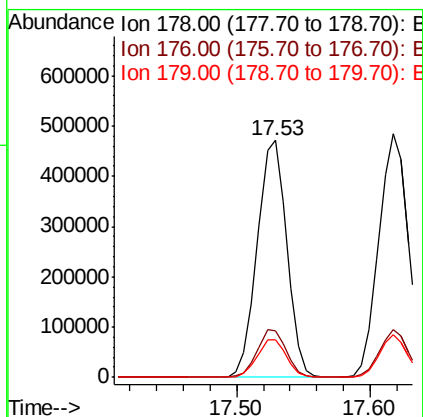
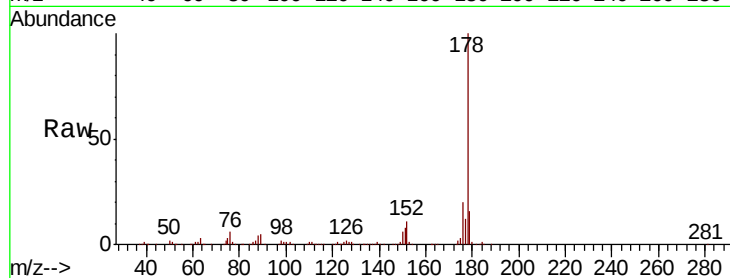




#71
Phenanthrene
Concen: 46.179 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

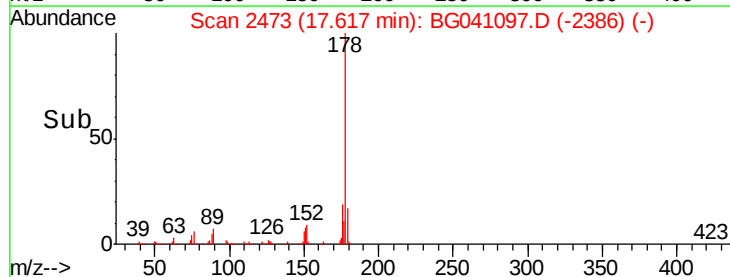
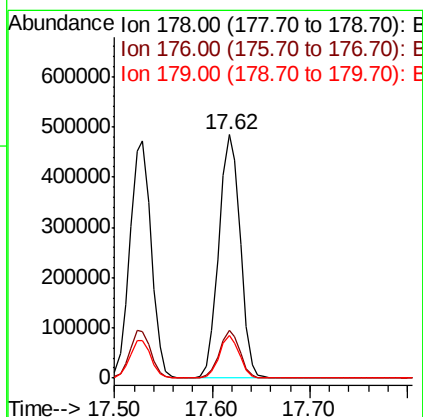
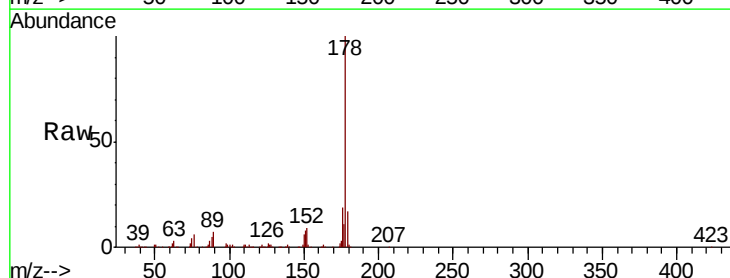
Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion:178 Resp: 719105
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.0 12.7 19.1



#72
Anthracene
Concen: 47.976 ng
RT: 17.62 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:178 Resp: 736820
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 17.5 13.0 19.4

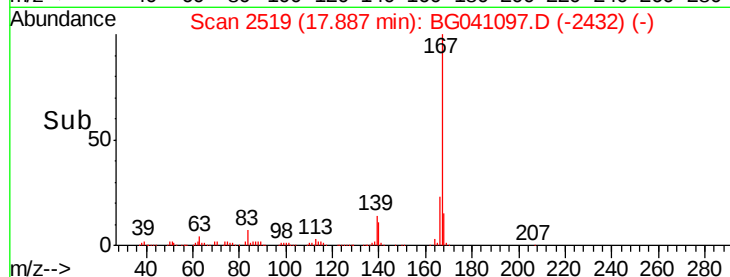
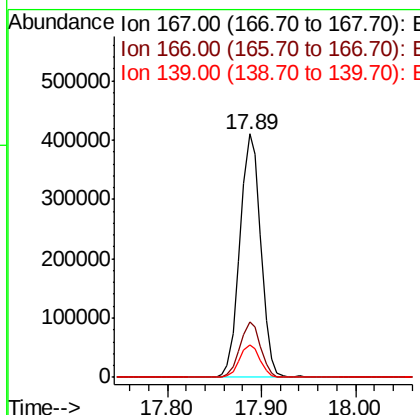
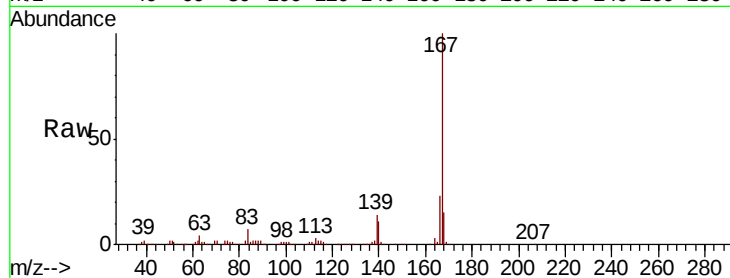




#73
 Carbazole
 Concen: 48.104 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

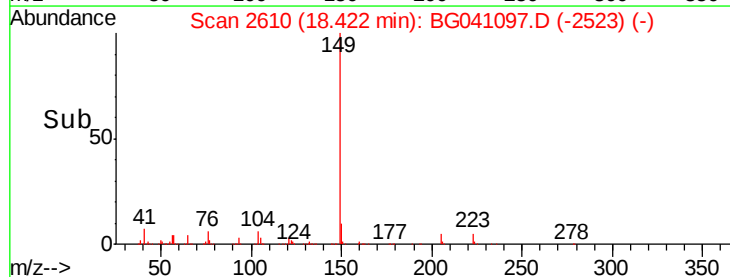
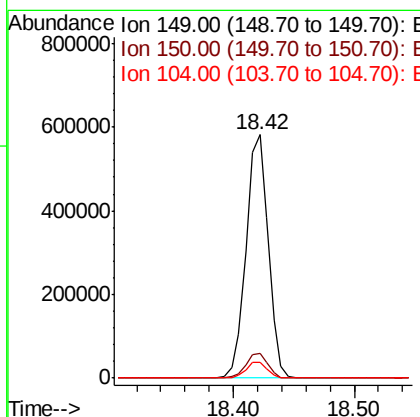
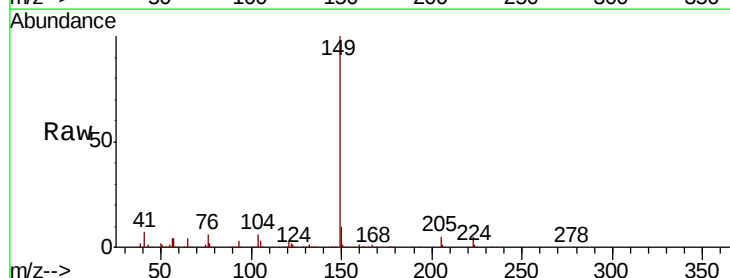
Instrument :
 BNA_G
 ClientSampled :
 PB120399BS

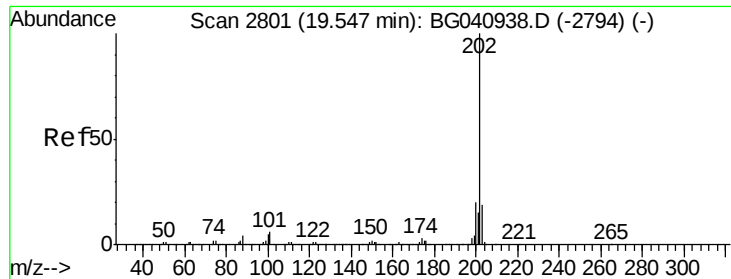
Tgt Ion:167 Resp: 633911
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 45.518 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041097.D
 Acq: 7 Jun 2019 12:14

Tgt Ion:149 Resp: 745521
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.4 11.2
 104 6.3 5.0 7.4





#75

Fluoranthene

Concen: 48.229 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

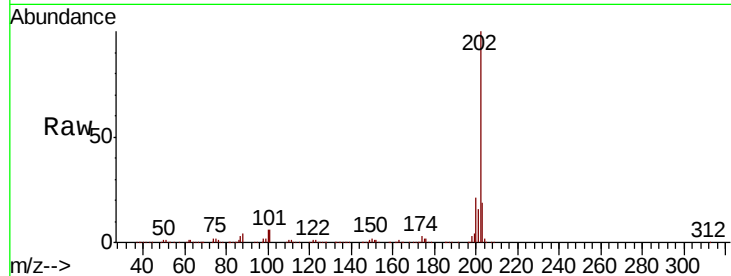
Tgt Ion:202 Resp: 927644

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

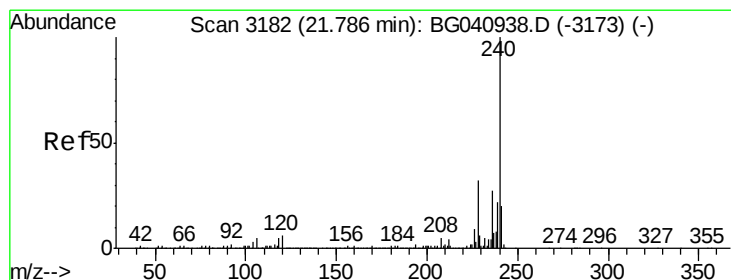
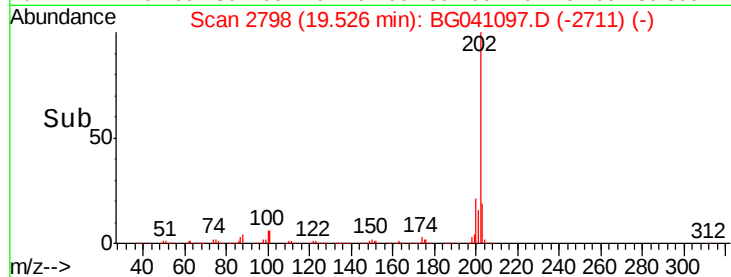
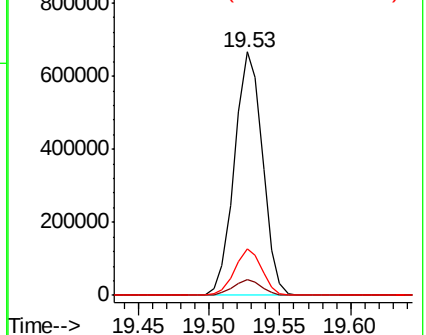
203 18.9 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

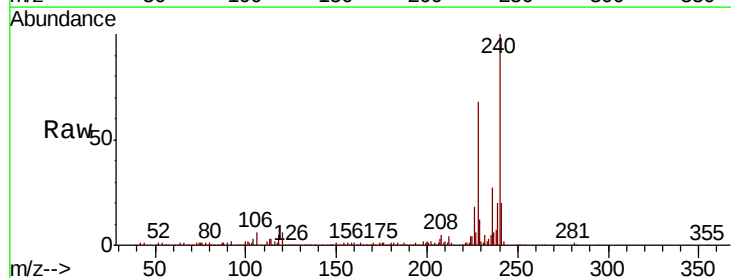
Tgt Ion:240 Resp: 299280

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

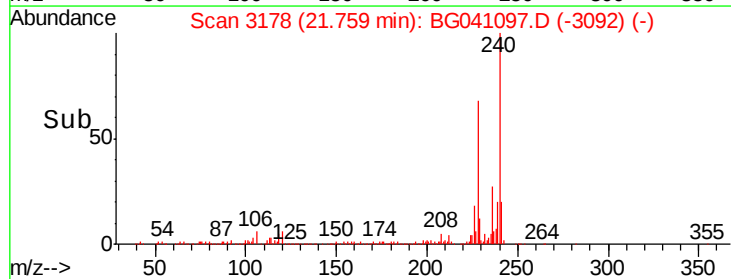
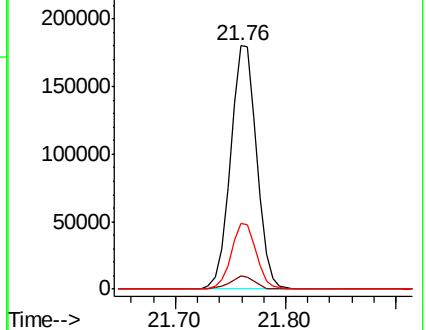
236 27.0 21.3 31.9



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: 54.678 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

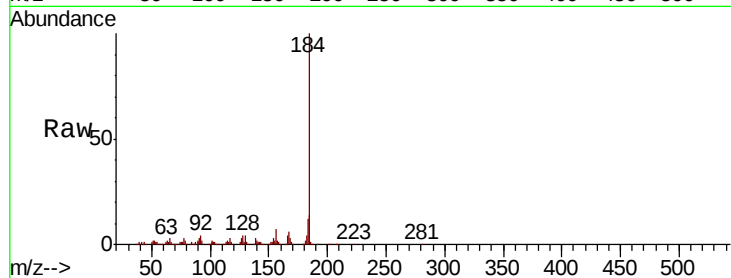
Tgt Ion:184 Resp: 390371

Ion Ratio Lower Upper

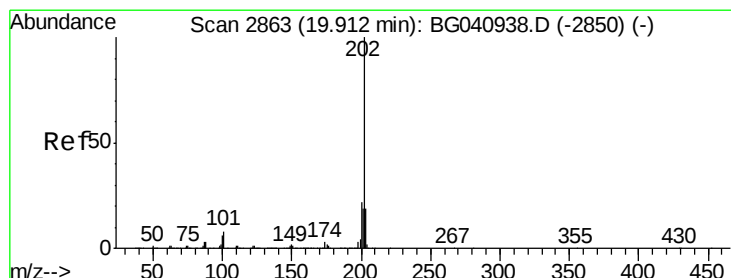
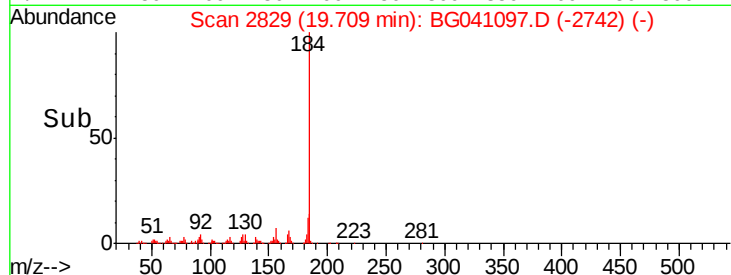
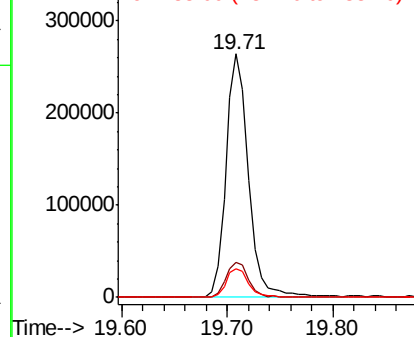
184 100

185 14.1 13.3 19.9

183 11.8 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: 47.645 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

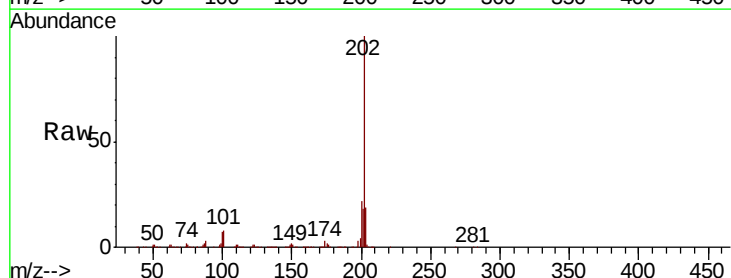
Tgt Ion:202 Resp: 926938

Ion Ratio Lower Upper

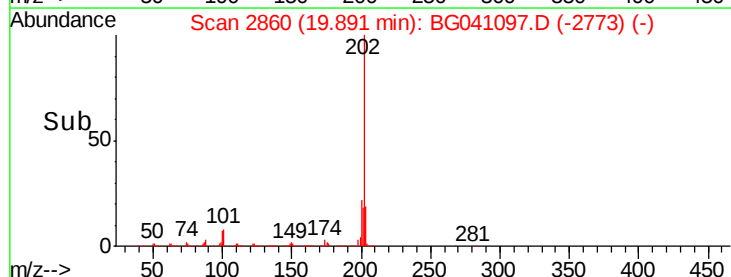
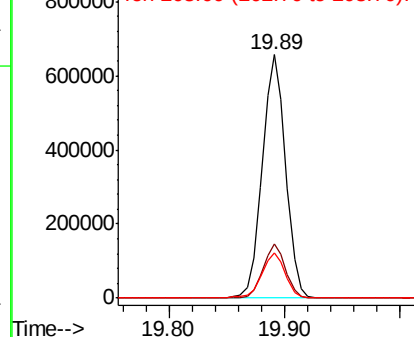
202 100

200 22.4 17.5 26.3

203 18.7 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: 87.924 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

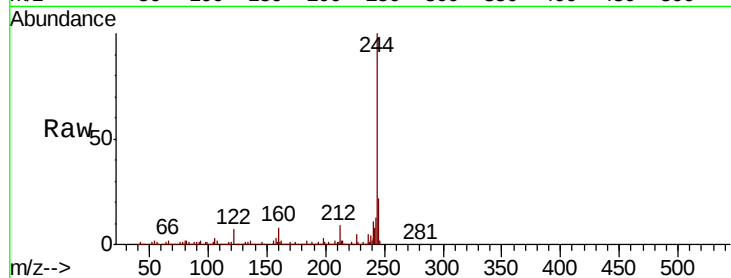
Tgt Ion:244 Resp: 1239857

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

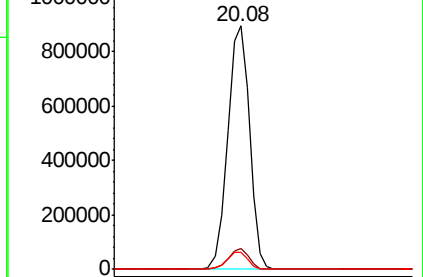
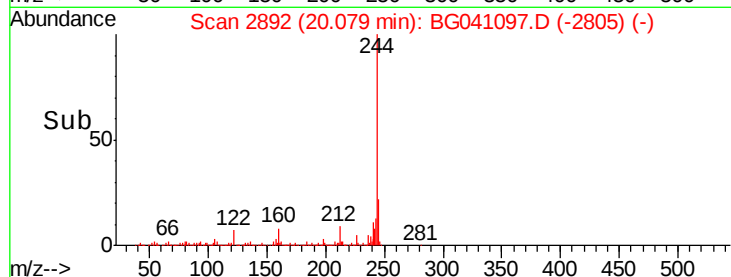
122 7.0 5.4 8.0



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: 45.675 ng

RT: 20.75 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

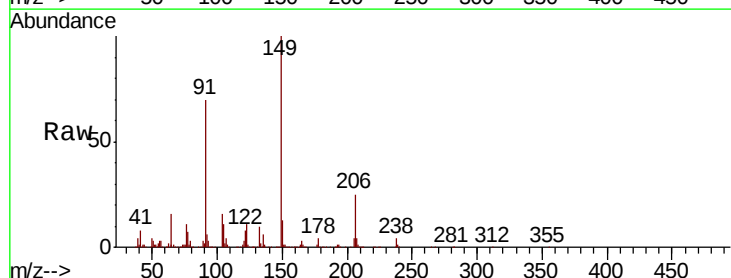
Tgt Ion:149 Resp: 345808

Ion Ratio Lower Upper

149 100

91 69.8 56.5 84.7

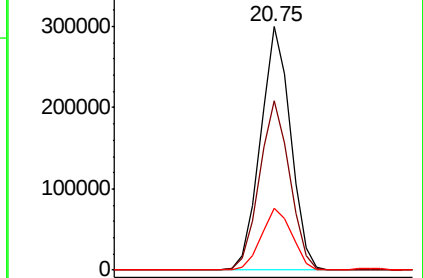
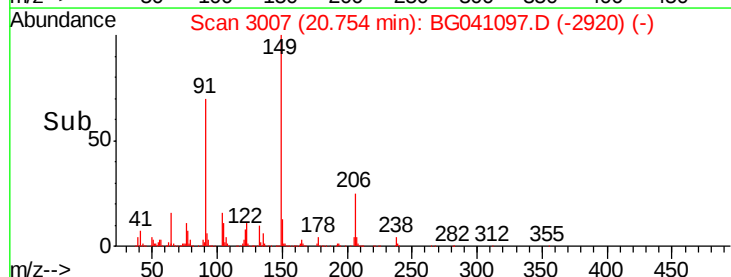
206 25.5 20.3 30.5

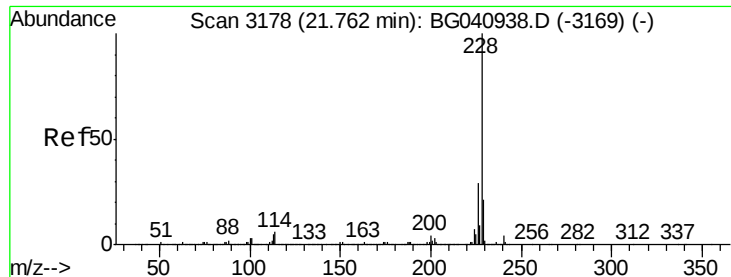


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.062 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

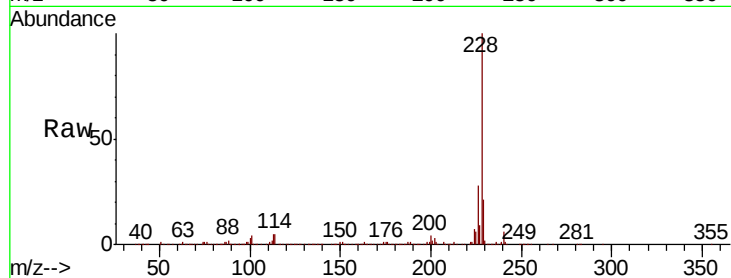
BNA_G

ClientSampleId :

PB120399BS

Tgt Ion:228 Resp: 897720

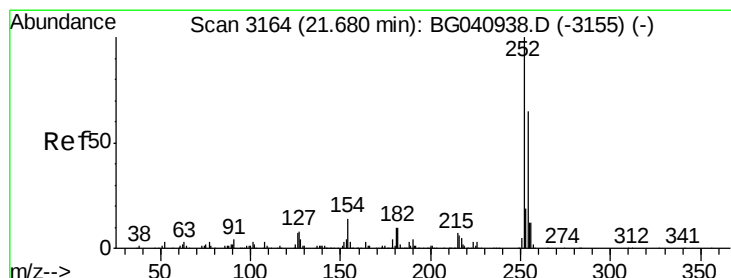
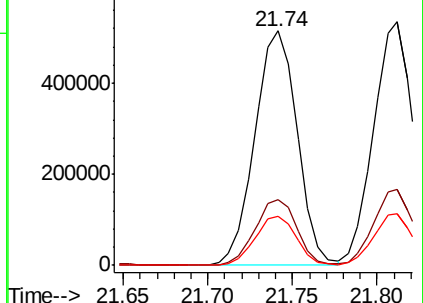
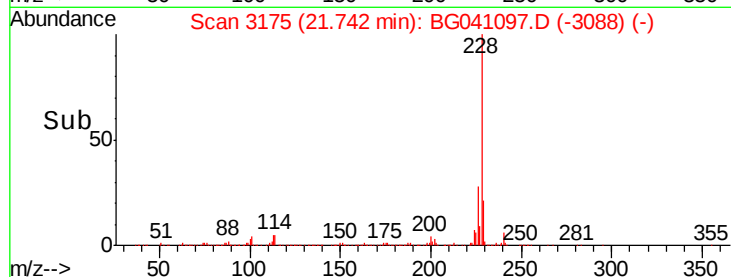
Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.5	35.3
229	20.9	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.253 ng

RT: 21.65 min Scan# 3160

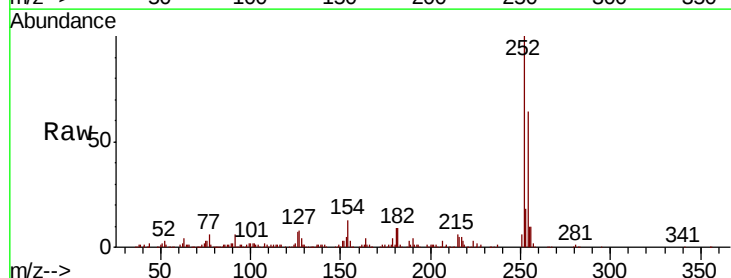
Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion:252 Resp: 190963

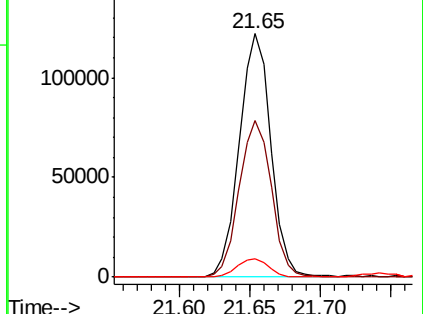
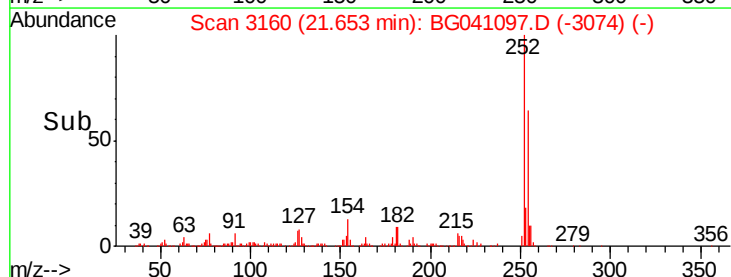
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	7.4	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.079 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

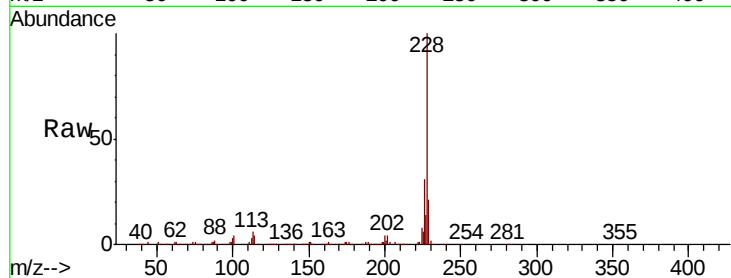
BNA_G

ClientSampleId :

PB120399BS

Tgt Ion: 228 Resp: 878465

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	21.0	16.6	24.8

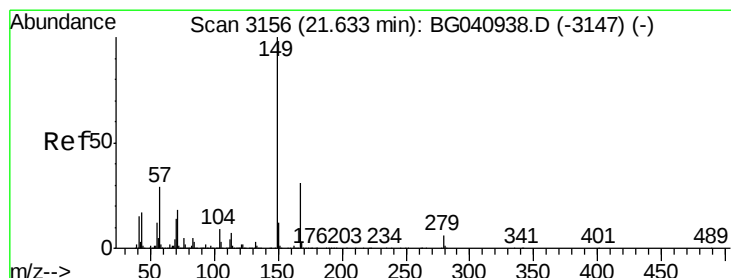
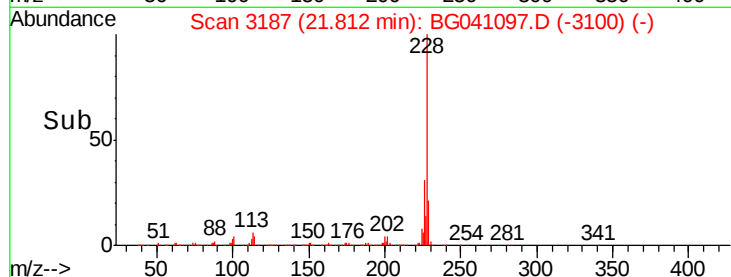
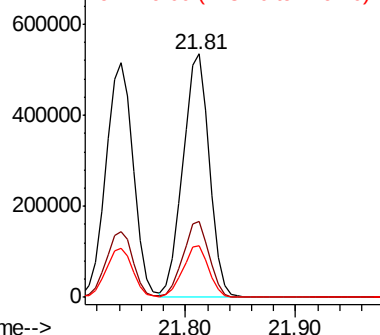


Abundance

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: 44.526 ng

RT: 21.61 min Scan# 3152

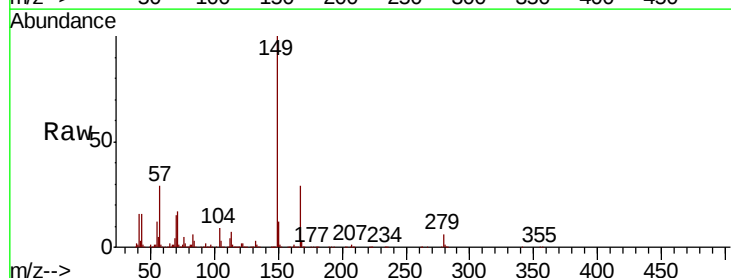
Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Tgt Ion: 149 Resp: 474555

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.6	37.0
279	6.4	5.0	7.6

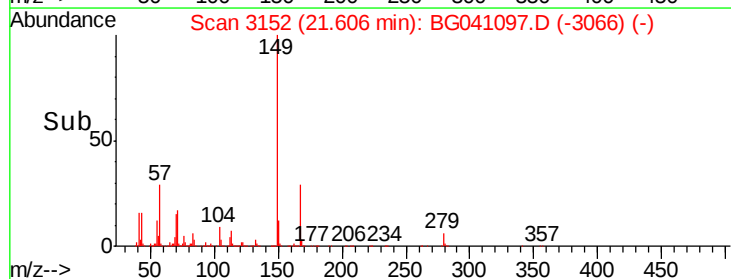
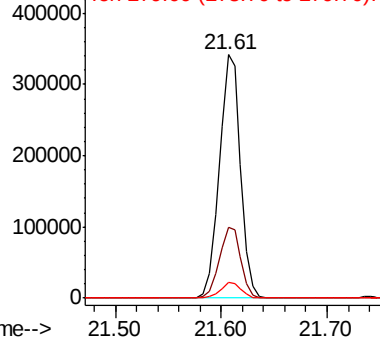


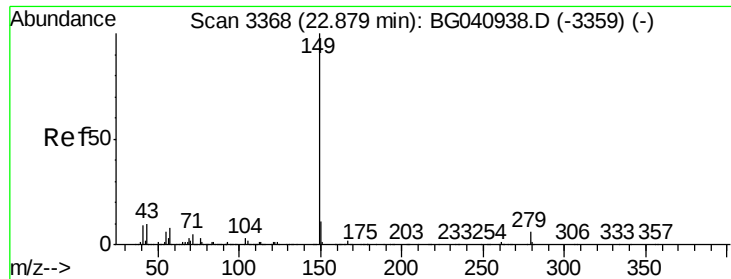
Abundance

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: 45.882 ng

RT: 22.85 min Scan# 3364

Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

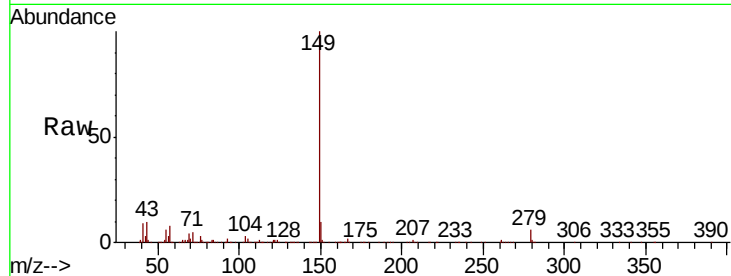
Tgt Ion:149 Resp: 814422

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

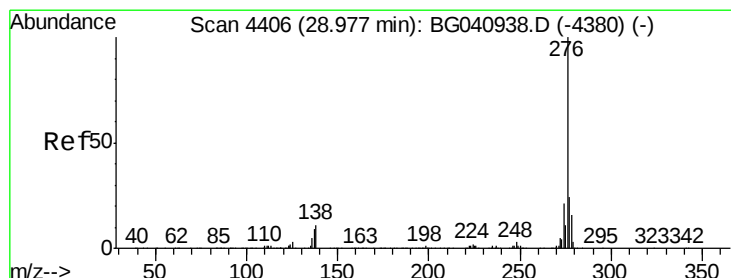
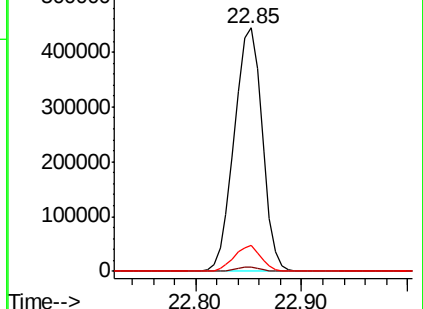
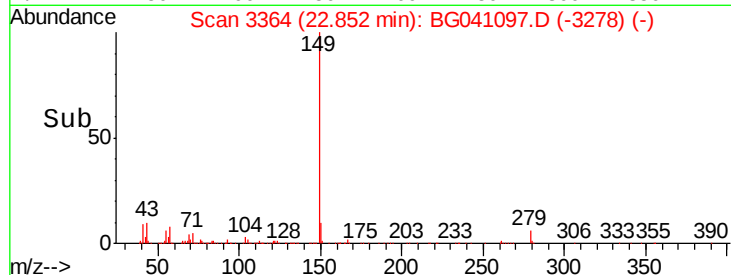
43 9.9 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.856 ng

RT: 28.91 min Scan# 4395

Delta R.T. -0.07 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

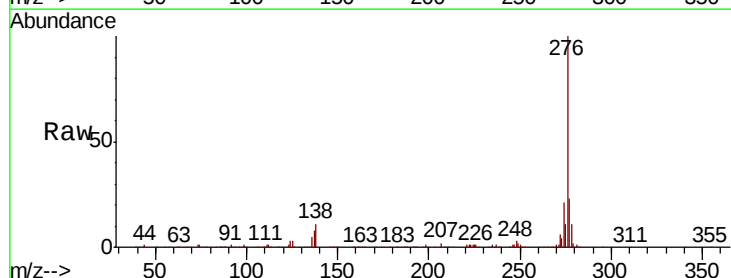
Tgt Ion:276 Resp: 1047545

Ion Ratio Lower Upper

276 100

138 10.8 5.7 8.5#

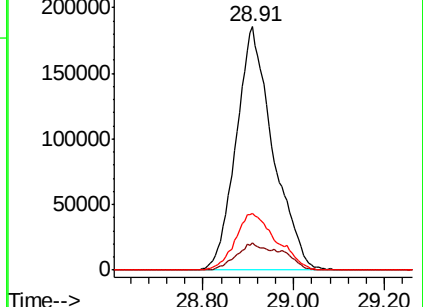
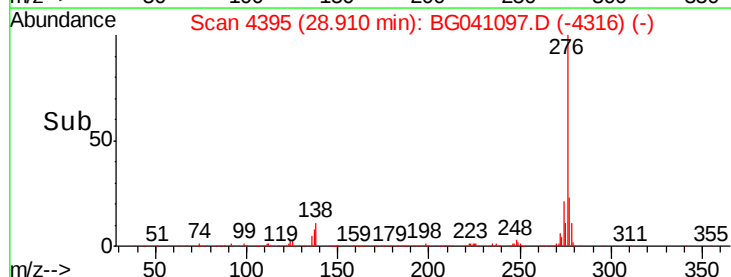
277 26.0 20.8 31.2

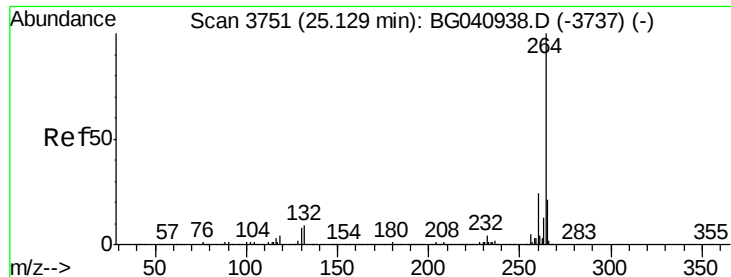


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3744

Delta R.T. -0.04 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

Instrument :

BNA_G

ClientSampleId :

PB120399BS

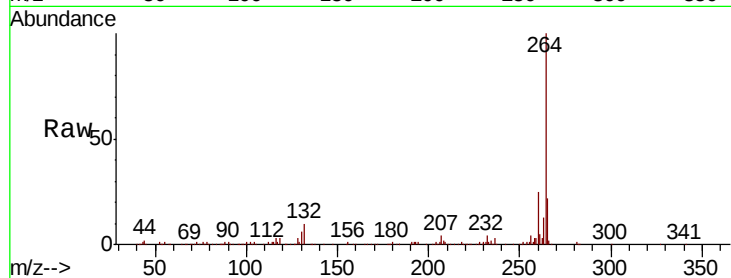
Tgt Ion:264 Resp: 305887

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

265 22.1 17.0 25.4

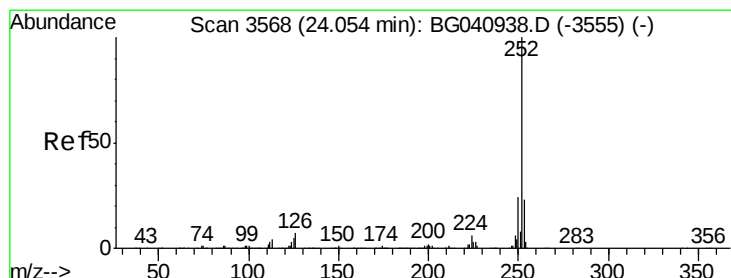
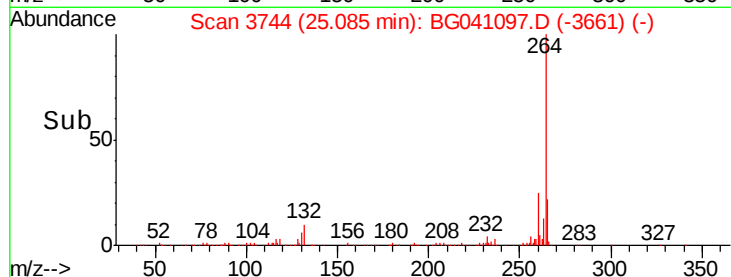
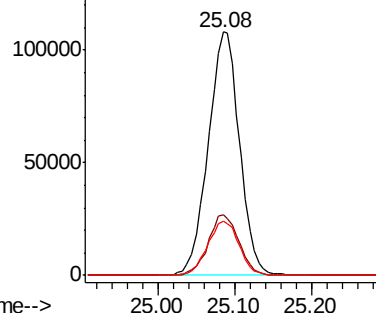


Abundance

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: 48.661 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.03 min

Lab File: BG041097.D

Acq: 7 Jun 2019 12:14

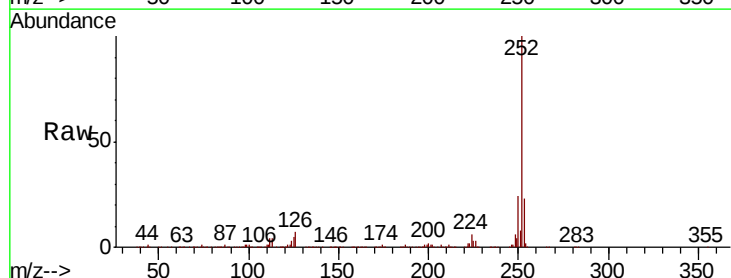
Tgt Ion:252 Resp: 902805

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 5.3 4.3 6.5

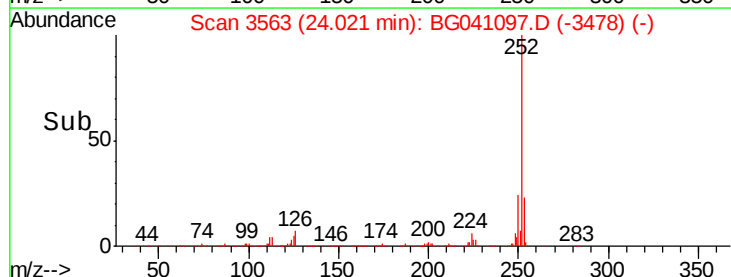
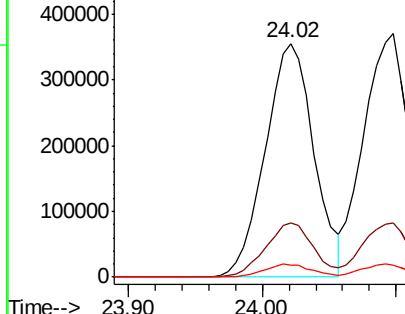


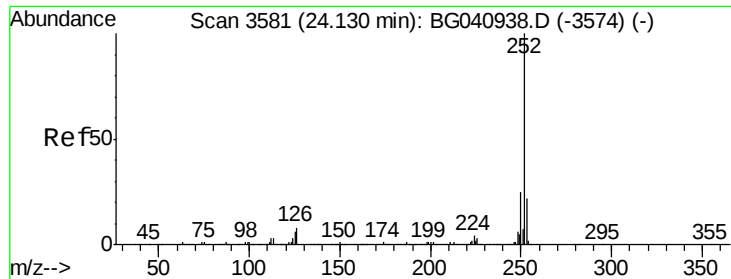
Abundance

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

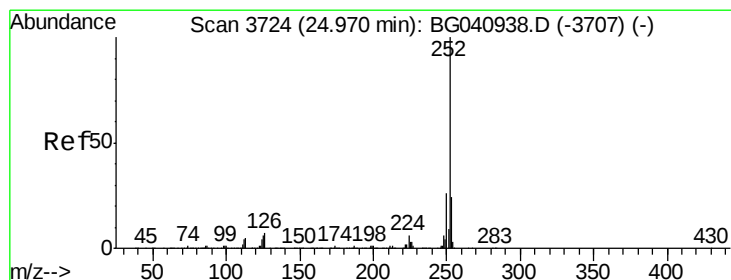
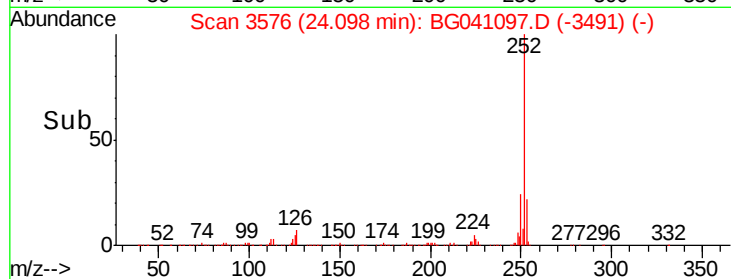
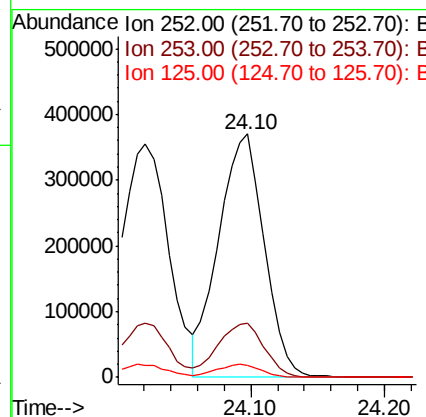
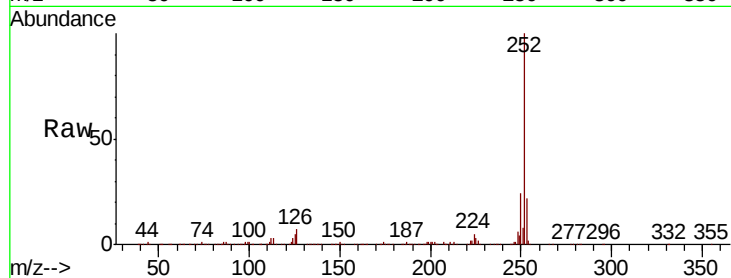




#89
Benzo(k)fluoranthene
Concen: 47.867 ng
RT: 24.10 min Scan# 3576
Delta R.T. -0.03 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

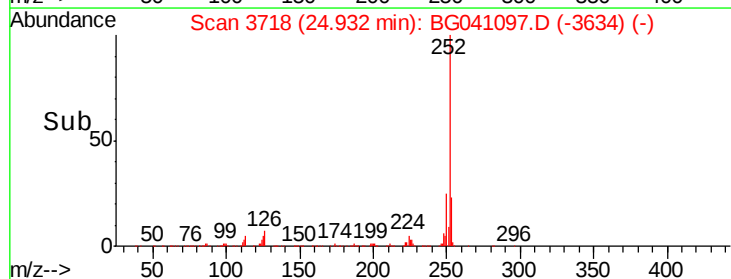
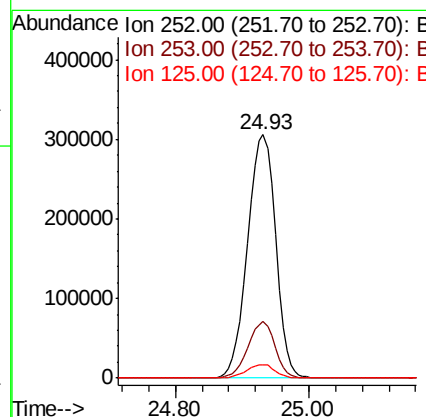
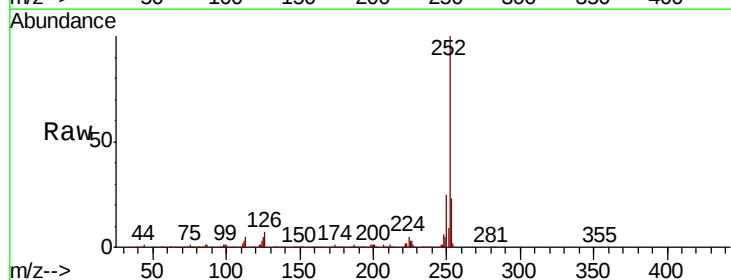
Instrument :
BNA_G
ClientSampleId :
PB120399BS

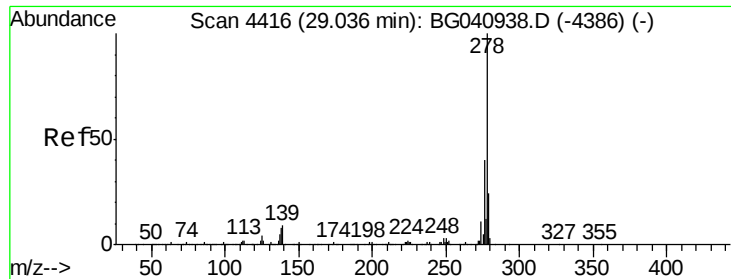
Tgt Ion:252 Resp: 878824
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 5.1 4.7 7.1



#90
Benzo(a)pyrene
Concen: 49.897 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.04 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion:252 Resp: 883220
Ion Ratio Lower Upper
252 100
253 23.1 19.5 29.3
125 5.3 5.1 7.7

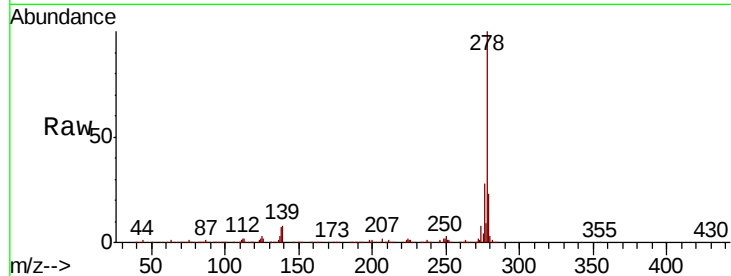




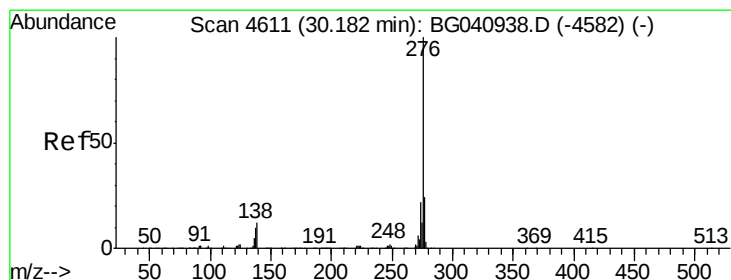
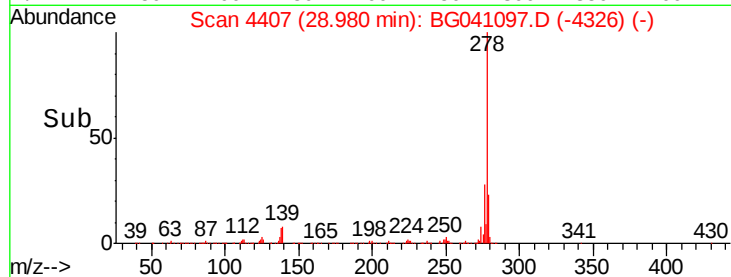
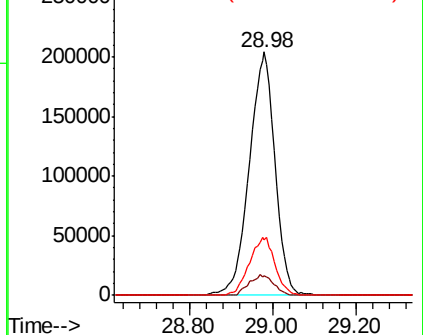
#91
Dibenzo(a,h)anthracene
Concen: 49.489 ng
RT: 28.98 min Scan# 4407
Delta R.T. -0.06 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Instrument :
BNA_G
ClientSampleId :
PB120399BS

Tgt Ion: 278 Resp: 875320
Ion Ratio Lower Upper
278 100
139 8.0 7.1 10.7
279 22.9 19.4 29.2

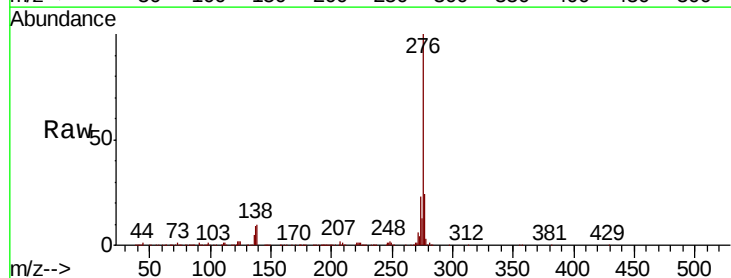


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.036 ng
RT: 30.11 min Scan# 4600
Delta R.T. -0.07 min
Lab File: BG041097.D
Acq: 7 Jun 2019 12:14

Tgt Ion: 276 Resp: 876965
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 10.2 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

