

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041034.D
 Acq On : 3 Jun 2019 14:59
 Operator : HP/JU
 Sample : PB120101BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 17:46:28 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	8.12	152	62904	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	239942	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	165996	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	431508	20.00	ng	0.00
76) Chrysene-d12	21.78	240	435848	20.00	ng	0.00
87) Perylene-d12	25.12	264	453738	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	514935	147.61	ng	0.00
7) Phenol-d6	7.27	99	712185	132.19	ng	0.00
23) Nitrobenzene-d5	9.30	82	407772	75.45	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	362300	147.02	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	906935	78.68	ng	-0.01
79) Terphenyl-d14	20.09	244	1430308	69.65	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	46646	29.467	ng	94
3) Pyridine	3.92	79	125809	26.859	ng	98
4) n-Nitrosodimethylamine	3.85	42	71030	32.674	ng	# 85
6) Aniline	7.44	93	127403	17.716	ng	98
8) 2-Chlorophenol	7.68	128	128026	30.784	ng	99
9) Benzaldehyde	7.25	77	50627	15.753	ng	# 78
10) Phenol	7.30	94	173631	30.058	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	122757	29.294	ng	93
12) 1,3-Dichlorobenzene	8.01	146	145892	29.371	ng	96
13) 1,4-Dichlorobenzene	8.15	146	142930	28.427	ng	98
14) 1,2-Dichlorobenzene	8.47	146	141481	28.981	ng	97
15) Benzyl Alcohol	8.36	79	144555	29.006	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	192271	28.078	ng	98
17) 2-Methylphenol	8.55	107	121074	28.948	ng	97
18) Hexachloroethane	9.21	117	57054	29.442	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	113375	27.346	ng	98
20) 3+4-Methylphenols	8.88	107	161120	27.810	ng	98
22) Acetophenone	8.95	105	214470	31.864	ng	98
24) Nitrobenzene	9.34	77	177437	32.214	ng	98
25) Isophorone	9.85	82	317831	30.900	ng	98
26) 2-Nitrophenol	10.05	139	75958	33.451	ng	92
27) 2,4-Dimethylphenol	10.09	122	133197	35.517	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	168788	30.404	ng	98
29) 2,4-Dichlorophenol	10.58	162	146805	30.827	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	167053	30.836	ng	96
31) Naphthalene	10.99	128	408061	31.675	ng	98
32) Benzoic acid	10.22	122	81198	31.259	ng	100
33) 4-Chloroaniline	11.10	127	90301	15.107	ng	96
34) Hexachlorobutadiene	11.26	225	123386	29.766	ng	96
35) Caprolactam	11.88	113	47511	30.211	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	171119	31.463	ng	96
37) 2-Methylnaphthalene	12.59	142	304251	30.664	ng	97
38) 1-Methylnaphthalene	12.81	142	289759	30.991	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	225571	33.715	ng	98

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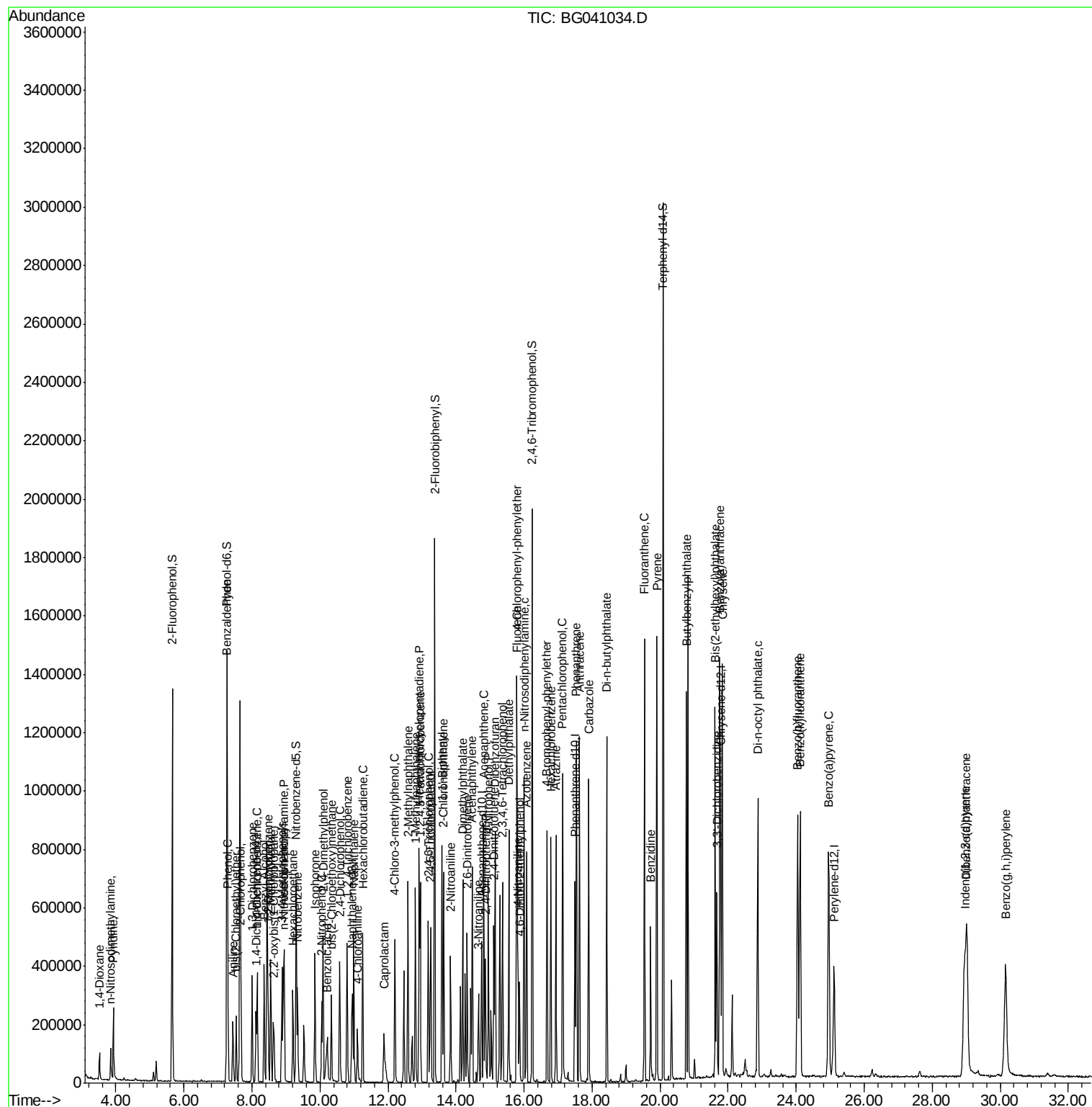
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	250417	70.696	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	145186	33.544	nq	95
44) 2,4,5-Trichlorophenol	13.26	196	151818	33.259	nq	99
46) 1,1'-Biphenyl	13.59	154	413663	33.666	nq	99
47) 2-Chloronaphthalene	13.64	162	345883	32.790	nq	98
48) 2-Nitroaniline	13.84	65	125253	33.098	nq	99
49) Acenaphthylene	14.48	152	537401	33.850	nq	99
50) Dimethylphthalate	14.19	163	452024	32.169	nq	99
51) 2,6-Dinitrotoluene	14.33	165	97847	32.296	nq	94
52) Acenaphthene	14.82	154	314190	32.668	nq	96
53) 3-Nitroaniline	14.66	138	71021	23.443	nq	100
54) 2,4-Dinitrophenol	14.86	184	100958	68.456	nq	94
55) Dibenzofuran	15.15	168	539115	33.313	nq	99
56) 4-Nitrophenol	14.95	139	156117	75.129	nq	94
57) 2,4-Dinitrotoluene	15.11	165	142541	33.307	nq	98
58) Fluorene	15.80	166	425035	32.979	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	160285	35.731	nq	97
60) Diethylphthalate	15.55	149	461540	32.185	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	269201	32.136	nq	98
62) 4-Nitroaniline	15.82	138	102096	31.832	nq	96
63) Azobenzene	16.07	77	436057	33.456	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	78408	36.431	nq	96
66) n-Nitrosodiphenylamine	16.00	169	394628	32.533	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	178534	30.658	nq	96
68) Hexachlorobenzene	16.79	284	184569	29.765	nq	99
69) Atrazine	16.94	200	169536	36.222	nq	94
70) Pentachlorophenol	17.14	266	213854	65.209	nq	97
71) Phenanthrene	17.54	178	749431	33.343	nq	99
72) Anthracene	17.63	178	771282	34.793	nq	99
73) Carbazole	17.90	167	669515	35.199	nq	100
74) Di-n-butylphthalate	18.43	149	785531	33.228	nq	98
75) Fluoranthene	19.54	202	975289	35.130	nq	98
77) Benzidine	19.72	184	304028	29.241	nq	97
78) Pyrene	19.90	202	985815	34.794	nq	98
80) Butylbenzylphthalate	20.77	149	369921	33.550	nq	98
81) Benzo(a)anthracene	21.75	228	962796	33.185	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	238437	23.366	nq	96
83) Chrysene	21.83	228	938868	33.816	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	505626	32.576	nq	98
85) Di-n-octyl phthalate	22.87	149	864348	33.437	nq	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1099026	32.314	nq	# 98
88) Benzo(b)fluoranthene	24.04	252	960111	34.887	nq	100
89) Benzo(k)fluoranthene	24.12	252	957818	35.170	nq	100
90) Benzo(a)pyrene	24.96	252	949051	36.145	nq	97
91) Dibenzo(a,h)anthracene	29.01	278	887789	33.838	nq	98
92) Benzo(g,h,i)perylene	30.16	276	895684	35.140	nq	97

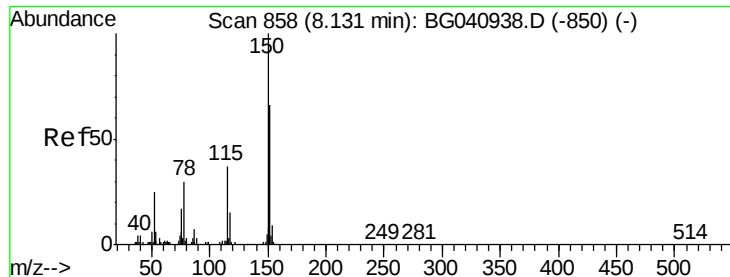
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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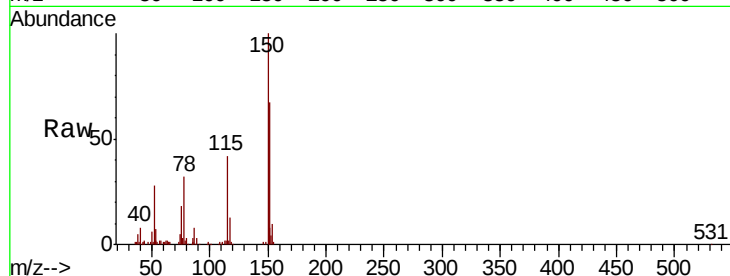


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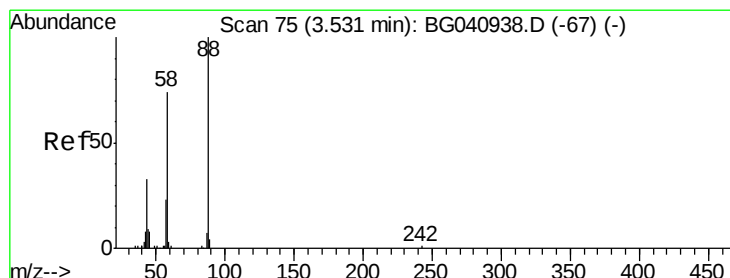
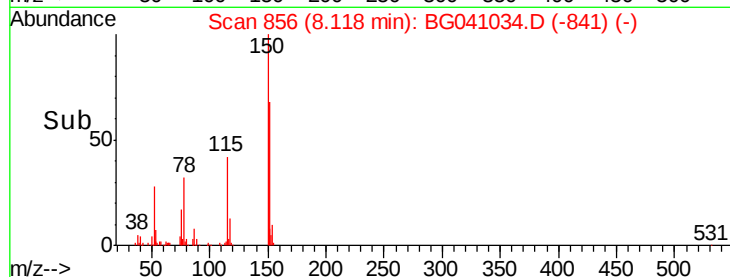
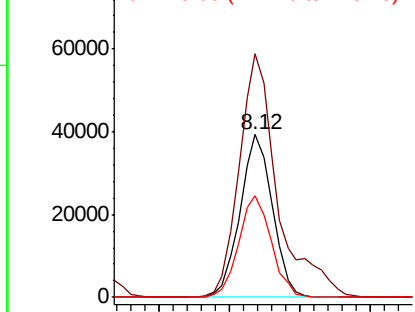
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62904
Ion Ratio Lower Upper
152 100
150 149.9 120.6 180.8
115 62.5 45.1 67.7



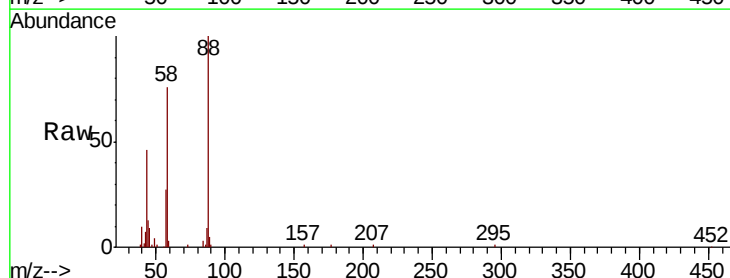
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



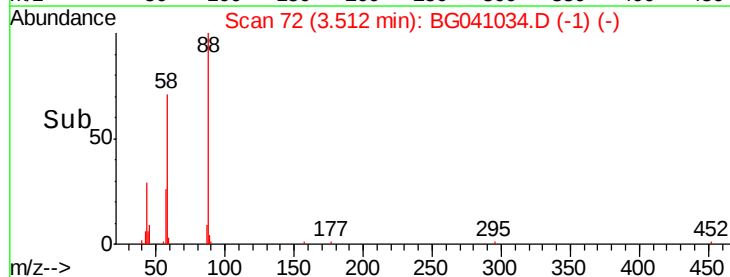
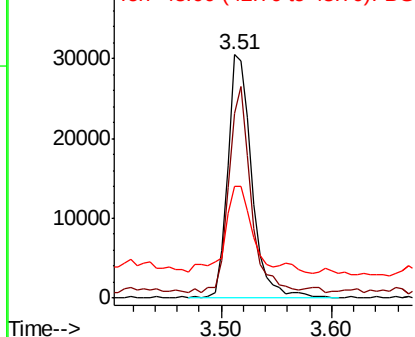
#2

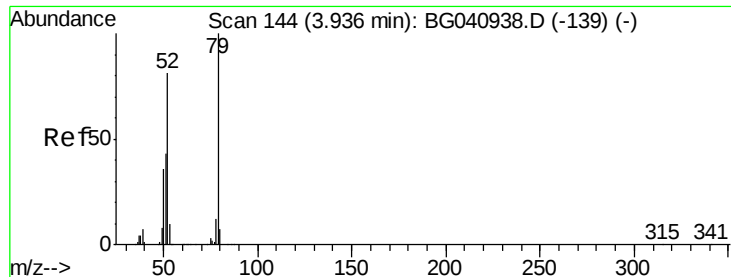
1,4-Dioxane
Concen: 29.467 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion: 88 Resp: 46646
Ion Ratio Lower Upper
88 100
58 78.3 59.0 88.6
43 37.5 27.2 40.8



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





#3

Pvridine

Concen: 26.859 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampled :

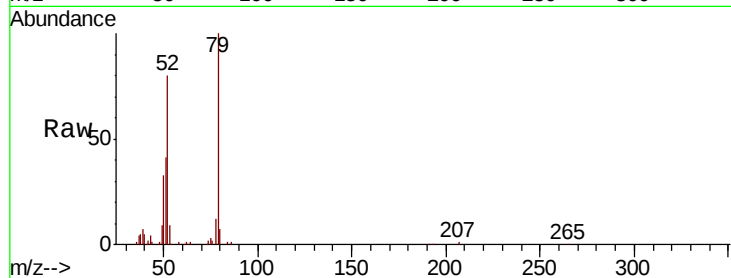
Tot Ion: 79 Resp: 125809

Ion Ratio Lower Upper

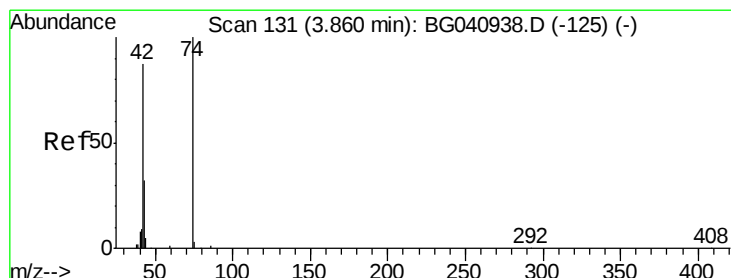
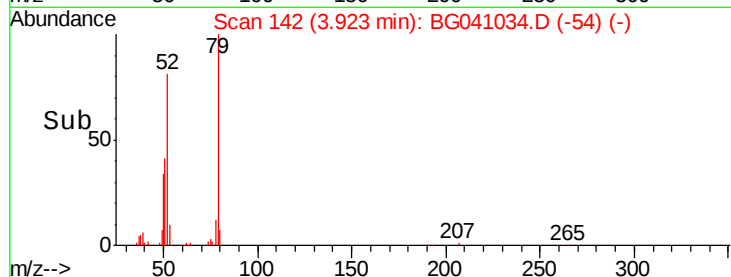
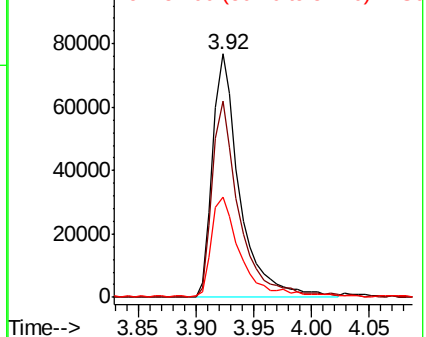
79 100

52 80.5 64.8 97.2

51 41.0 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: 32.674 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

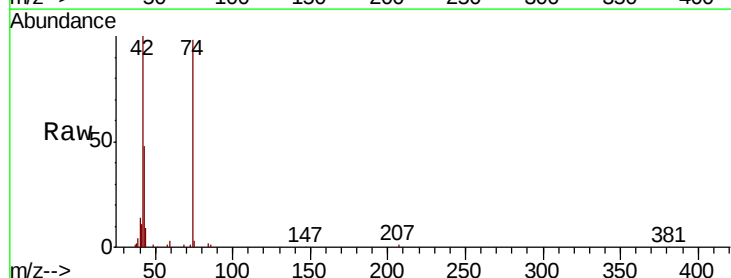
Tgt Ion: 42 Resp: 71030

Ion Ratio Lower Upper

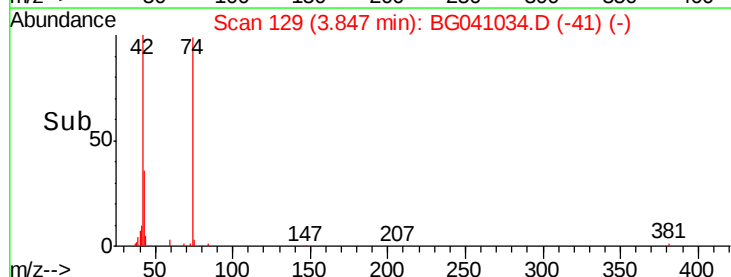
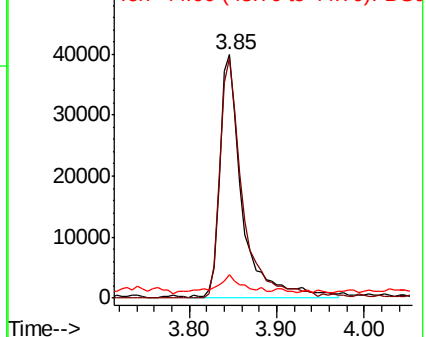
42 100

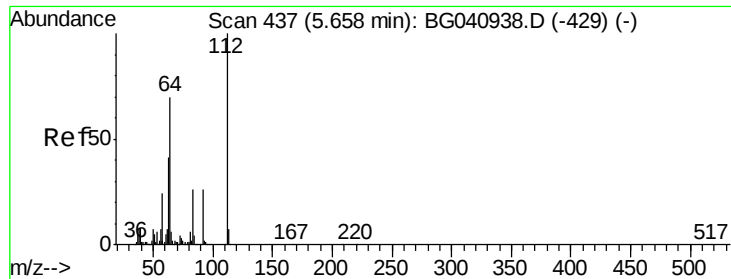
74 98.3 91.8 137.6

44 9.4 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: 147.612 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

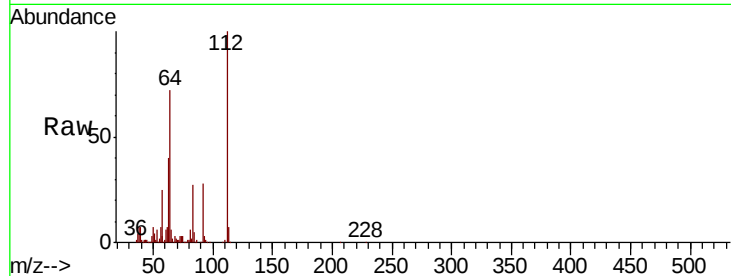
Tot Ion:112 Resp: 514935

Ion Ratio Lower Upper

112 100

64 72.2 56.2 84.2

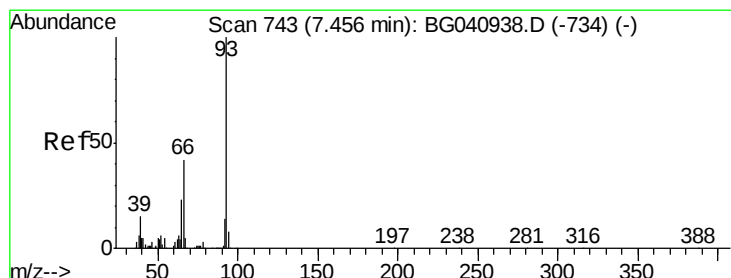
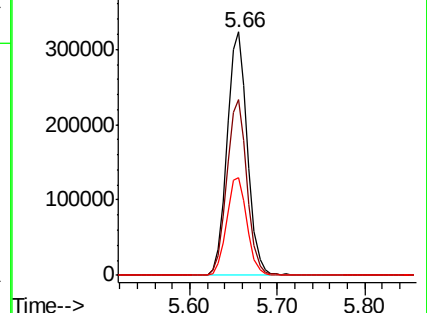
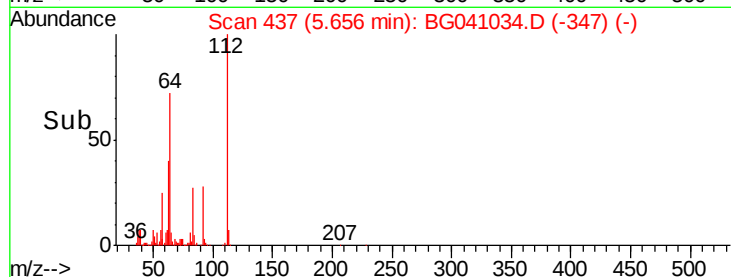
63 39.9 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.716 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

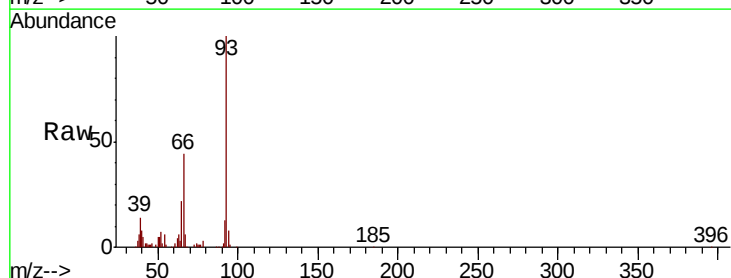
Tgt Ion: 93 Resp: 127403

Ion Ratio Lower Upper

93 100

66 43.6 33.8 50.8

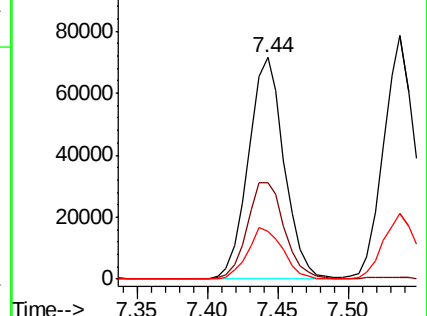
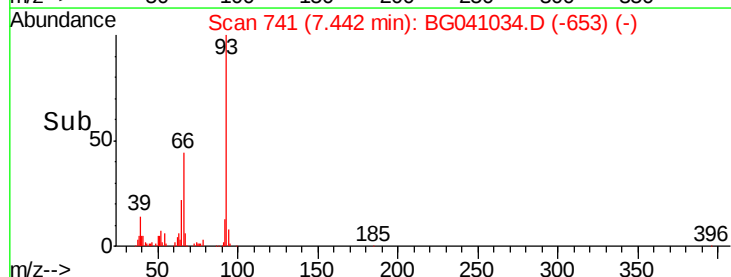
65 21.6 18.3 27.5

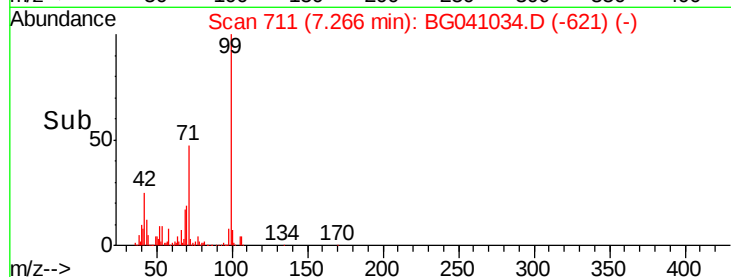
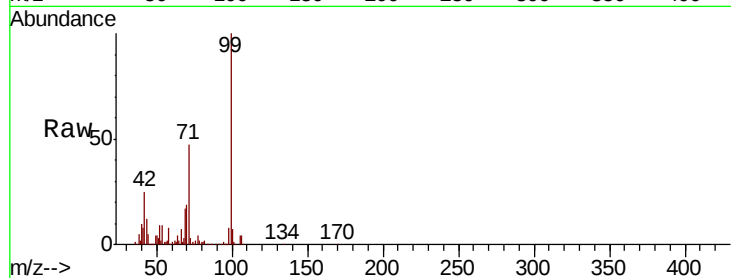
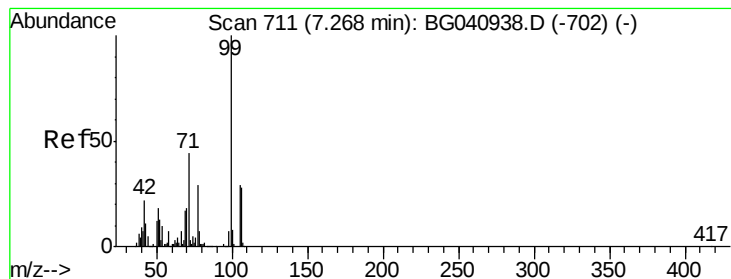


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.191 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

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ClientSampled :

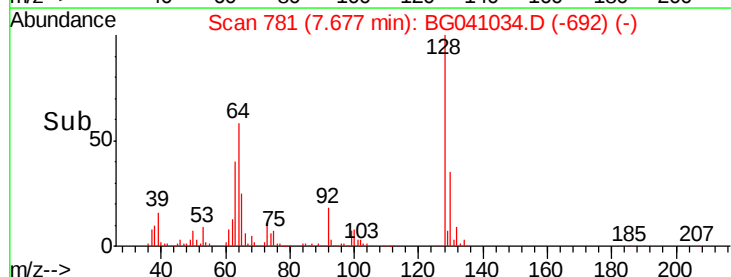
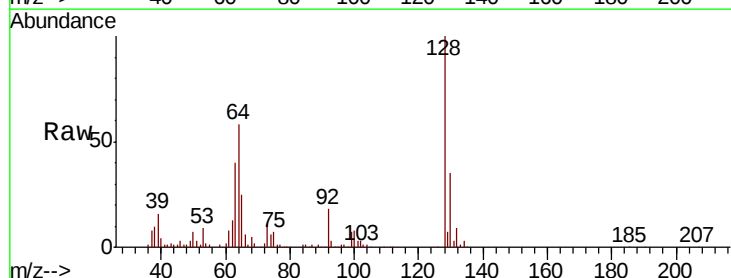
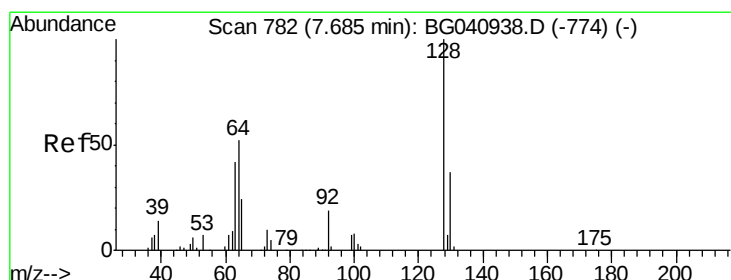
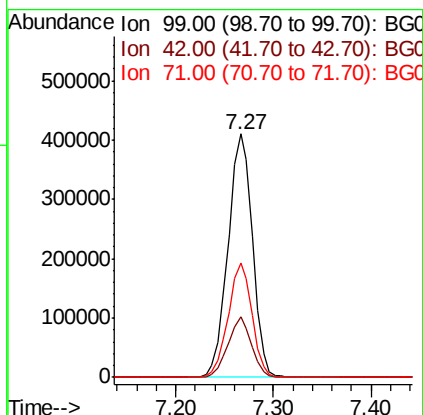
Tot Ion: 99 Resp: 712185

Ion Ratio Lower Upper

99 100

42 24.9 17.9 26.9

71 46.9 35.4 53.0



#8

2-Chlorophenol

Concen: 30.784 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041034.D

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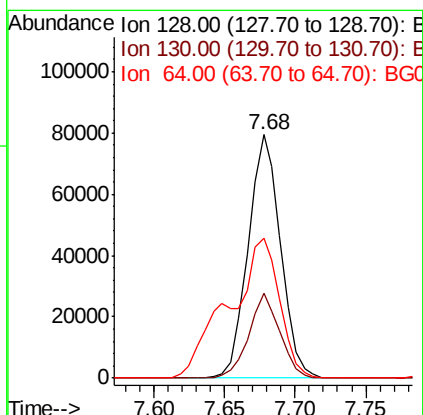
Tgt Ion: 128 Resp: 128026

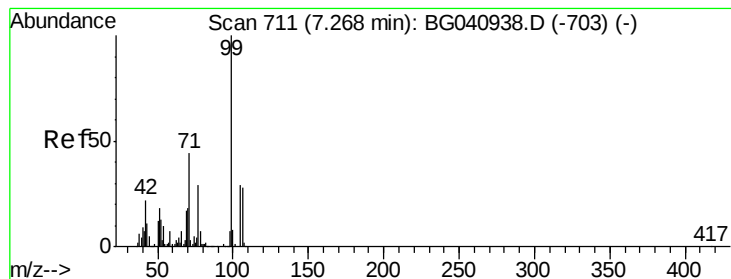
Ion Ratio Lower Upper

128 100

130 35.1 16.6 56.6

64 57.5 37.8 77.8





#9

Benzaldehyde

Concen: 15.753 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

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Acq: 3 Jun 2019 14:59

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ClientSampleId :

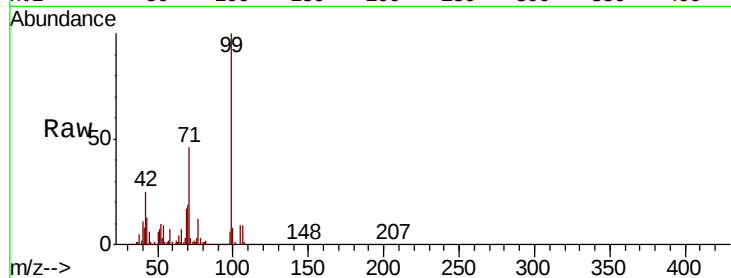
Tot Ion: 77 Resp: 50627

Ion Ratio Lower Upper

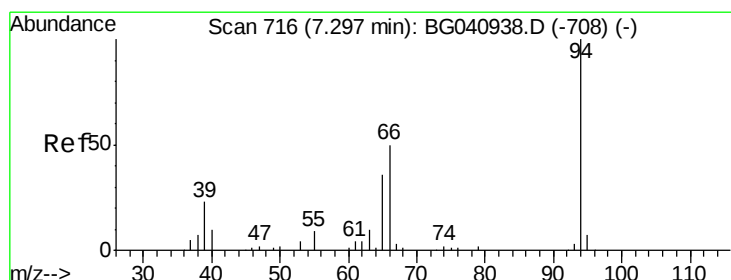
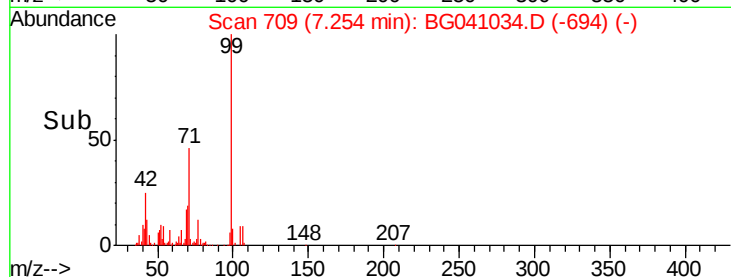
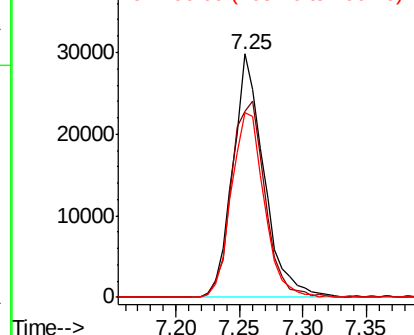
77 100

105 76.3 78.9 118.9#

106 75.9 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: 30.058 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

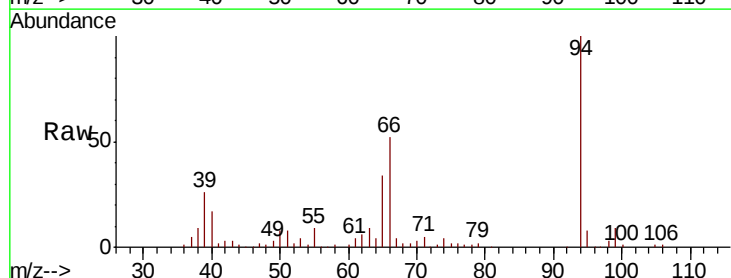
Tgt Ion: 94 Resp: 173631

Ion Ratio Lower Upper

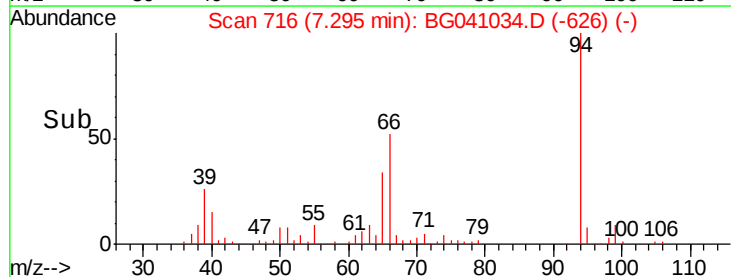
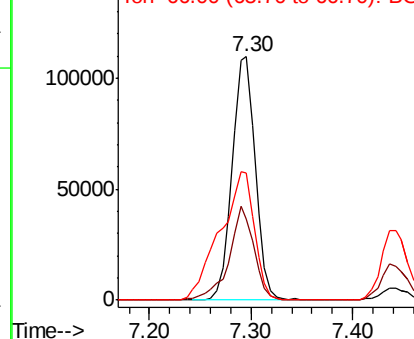
94 100

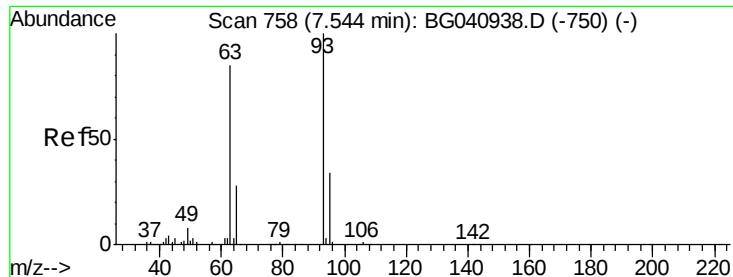
65 33.5 17.0 57.0

66 52.2 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

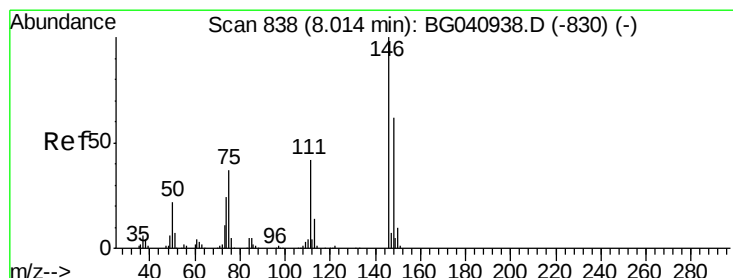
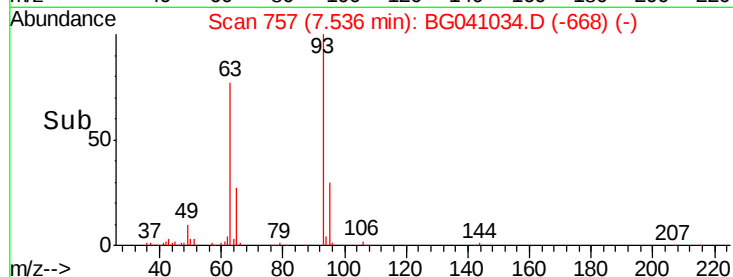
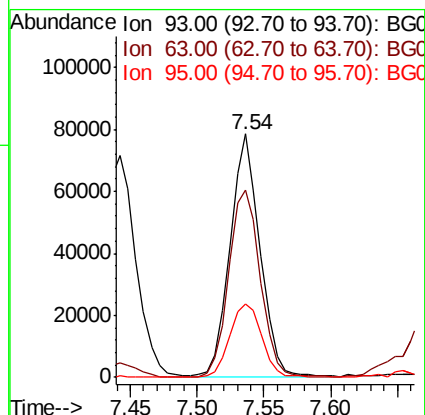
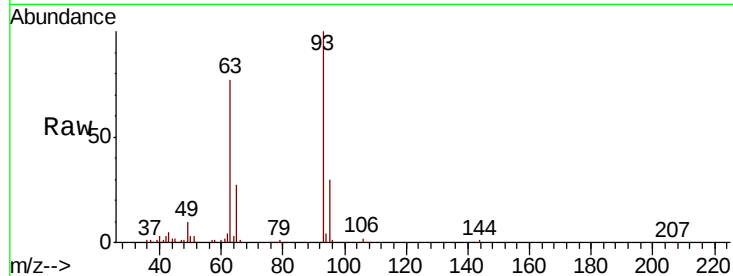




#11
bis(2-Chloroethyl)ether
Concen: 29.294 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

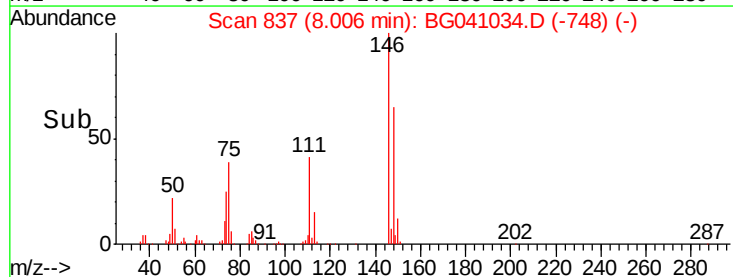
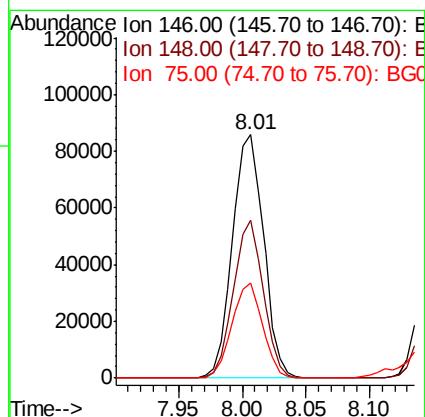
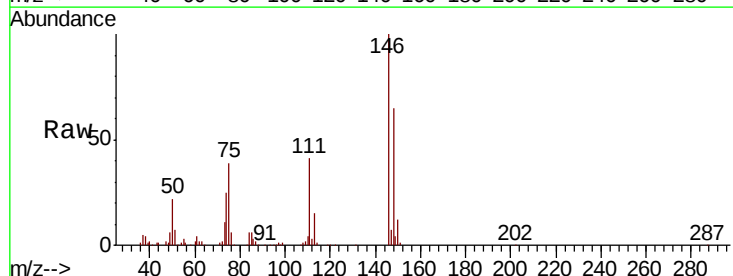
Instrument :
BNA_G
ClientSampled :

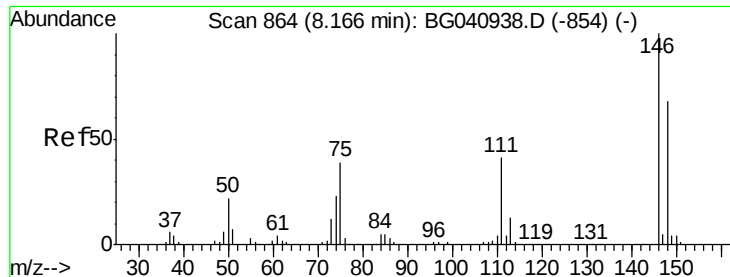
Tot Ion: 93 Resp: 122757
Ion Ratio Lower Upper
93 100
63 77.0 64.5 104.5
95 30.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 29.371 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion: 146 Resp: 145892
Ion Ratio Lower Upper
146 100
148 64.8 49.2 73.8
75 39.1 29.4 44.0

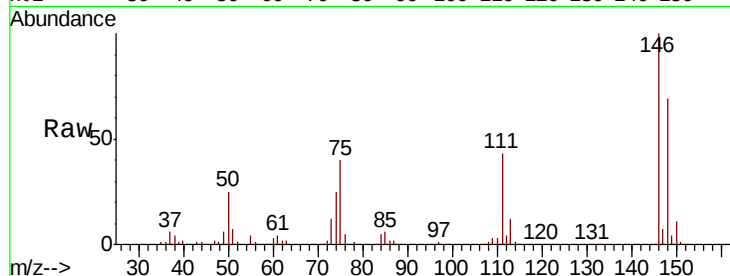




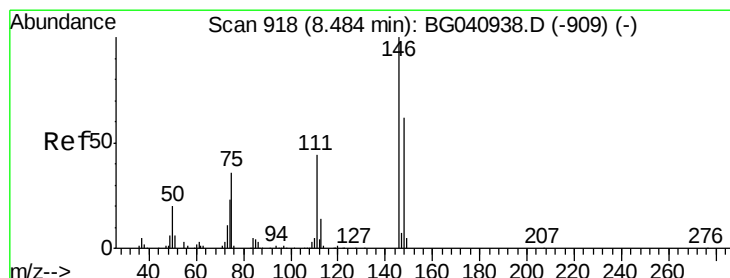
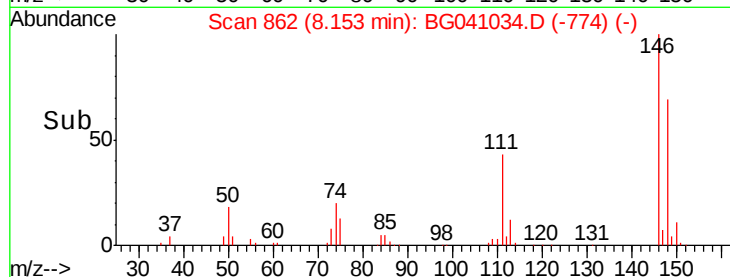
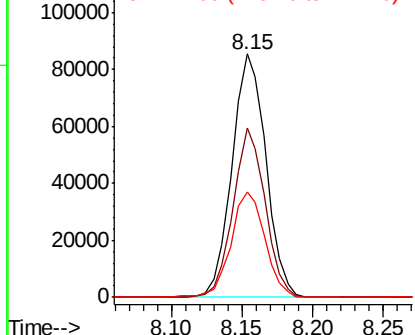
#13
 1,4-Dichlorobenzene
 Concen: 28.427 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 142930
 Ion Ratio Lower Upper
 146 100
 148 69.3 54.2 81.4
 111 43.2 32.9 49.3

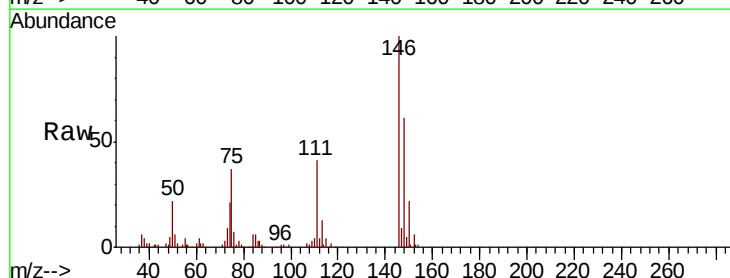


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

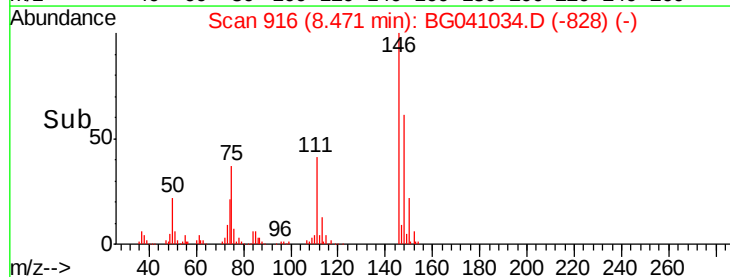
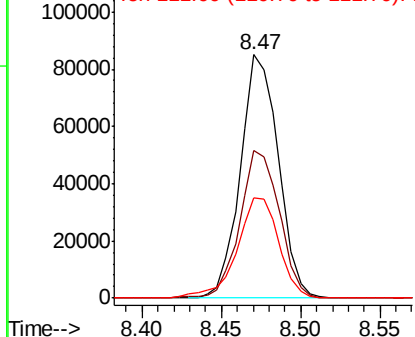


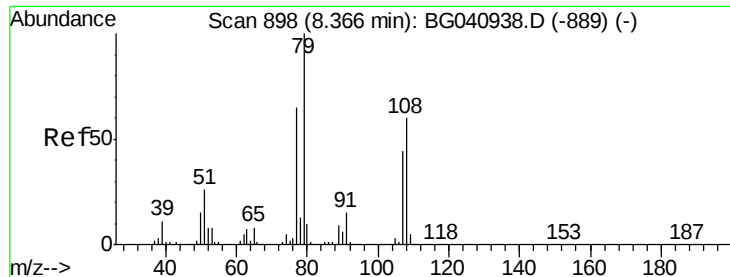
#14
 1,2-Dichlorobenzene
 Concen: 28.981 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:146 Resp: 141481
 Ion Ratio Lower Upper
 146 100
 148 60.7 49.8 74.6
 111 41.1 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: 29.006 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

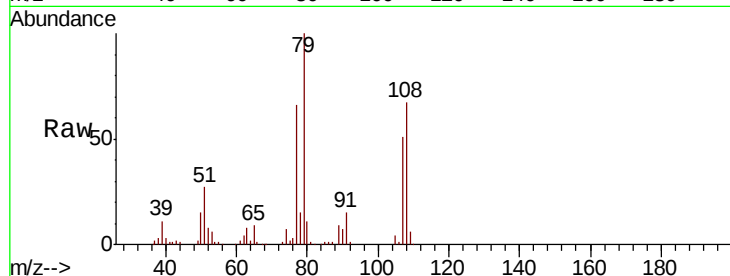
Tot Ion: 79 Resp: 144555

Ion Ratio Lower Upper

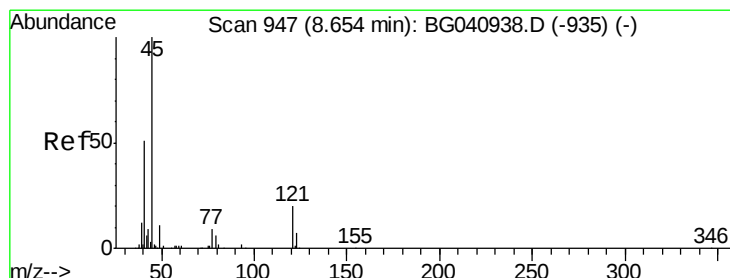
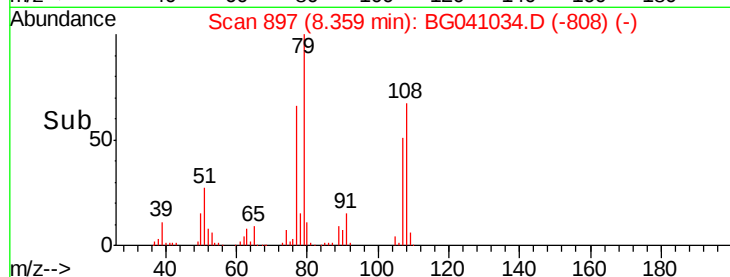
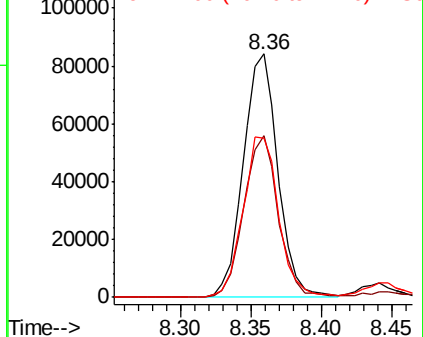
79 100

108 66.5 48.3 72.5

77 65.6 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.078 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

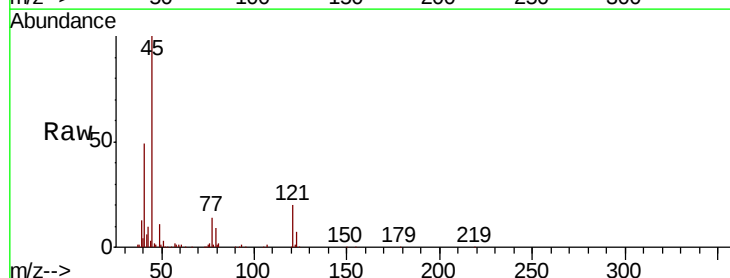
Tgt Ion: 45 Resp: 192271

Ion Ratio Lower Upper

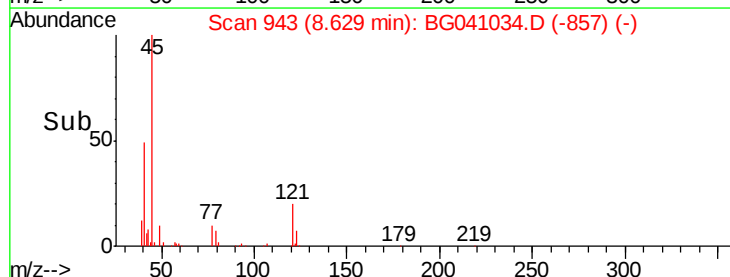
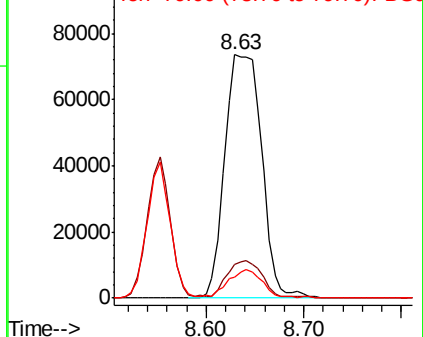
45 100

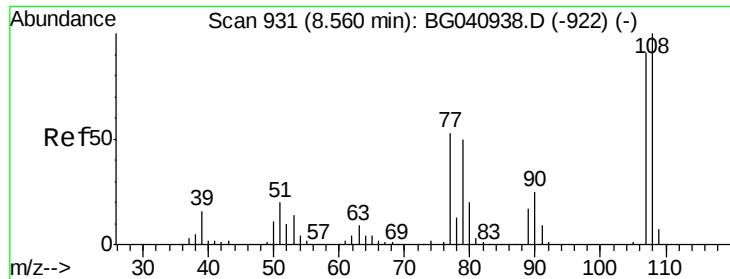
77 13.9 0.0 33.7

79 8.7 0.0 30.2



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

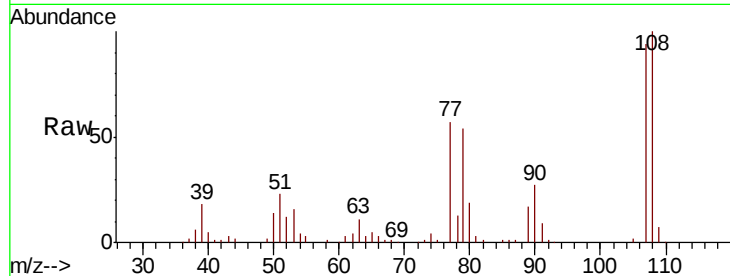




#17
2-Methylphenol
Concen: 28.948 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	121074
Ion	Ratio	Lower	Upper
107	100		
108	106.2	87.7	131.5
77	60.1	46.6	70.0
79	57.6	44.6	66.8



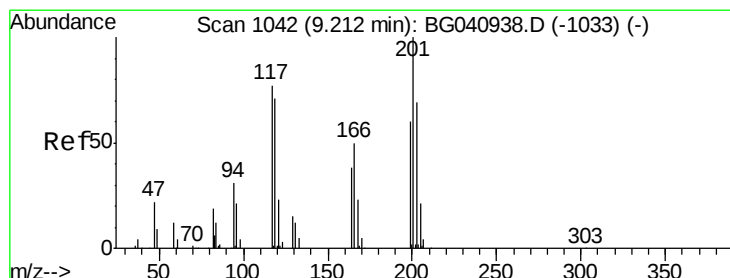
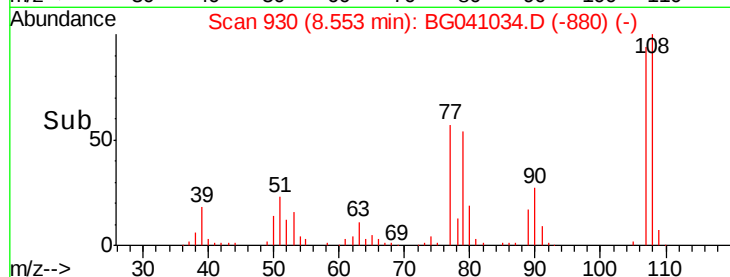
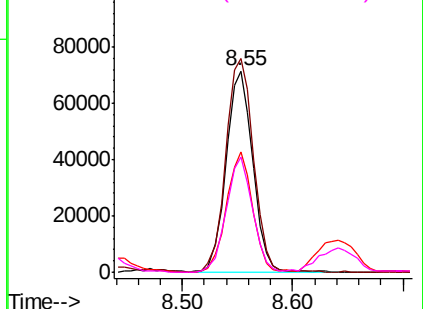
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

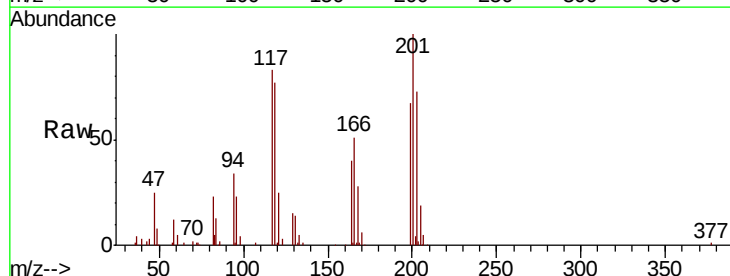
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 29.442 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:	117	Resp:	57054
Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.0	112.6
201	120.4	103.5	155.3

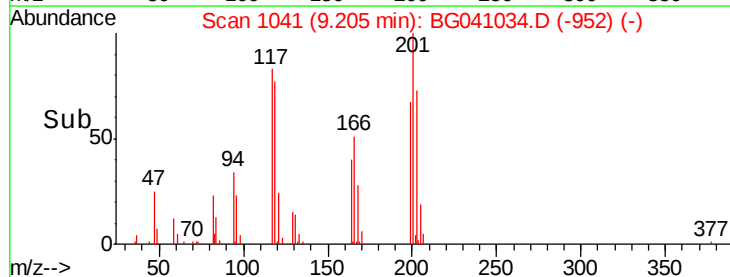
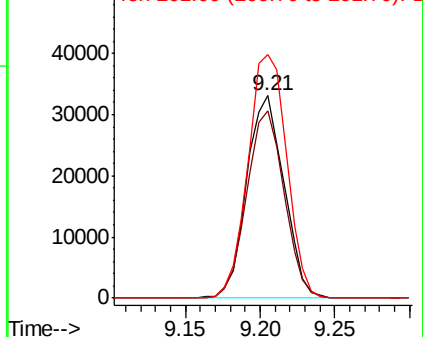


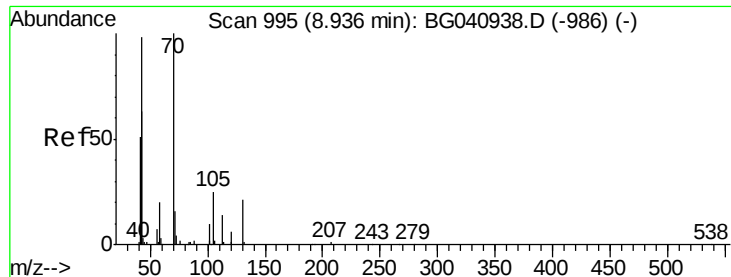
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.346 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 113375

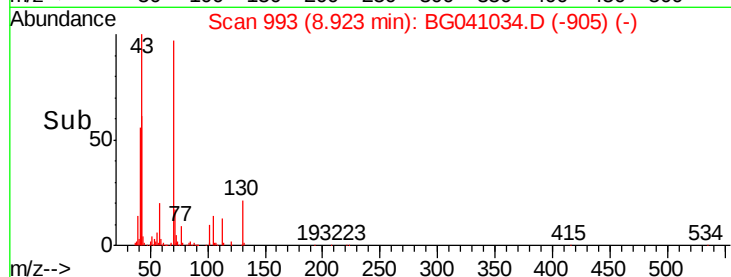
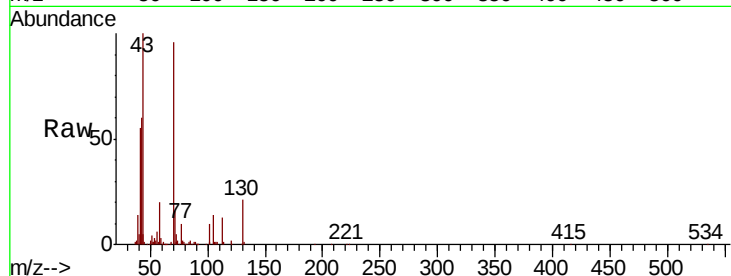
Ion Ratio Lower Upper

70 100

42 62.4 51.5 77.3

101 10.1 8.1 12.1

130 21.6 16.6 24.8



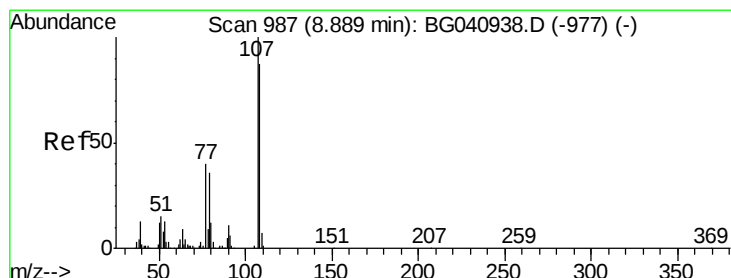
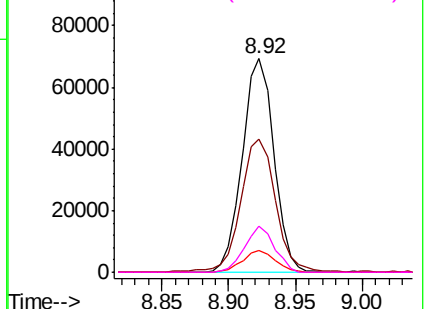
Abundance

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: 27.810 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion: 107 Resp: 161120

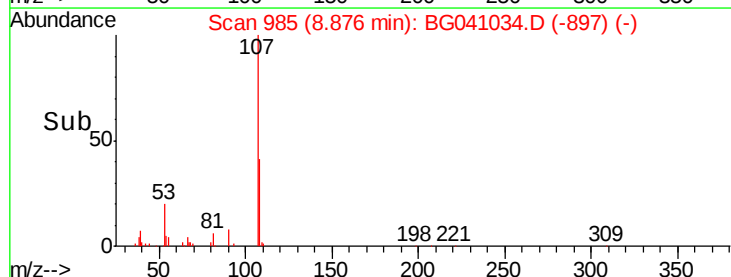
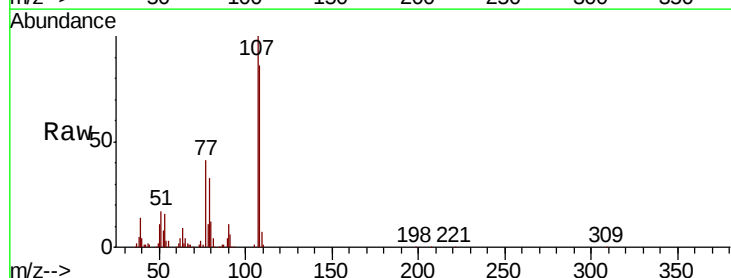
Ion Ratio Lower Upper

107 100

108 86.1 66.8 106.8

77 41.3 20.5 60.5

79 32.8 15.8 55.8



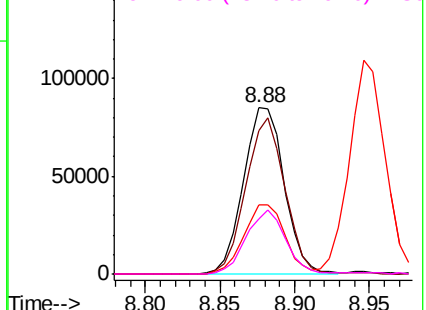
Abundance

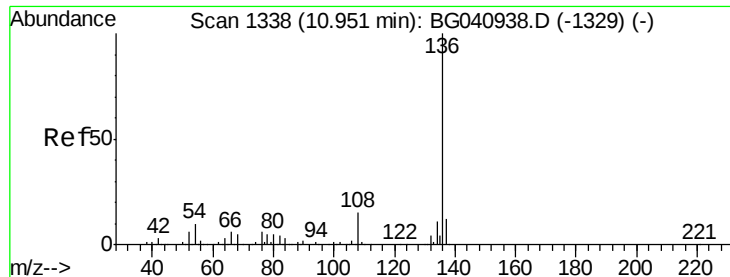
Ion 107.00 (106.70 to 107.70): BGC

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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 239942

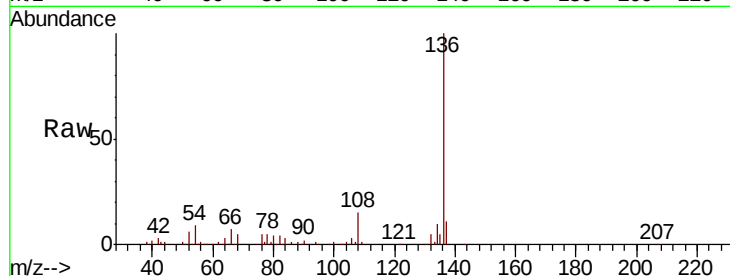
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 9.5 7.6 11.4

68 5.2 3.9 5.9

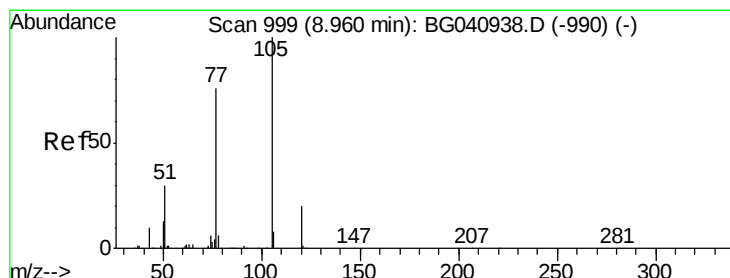
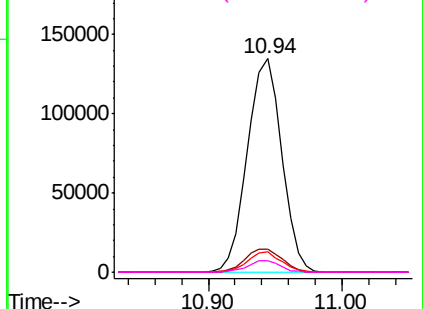
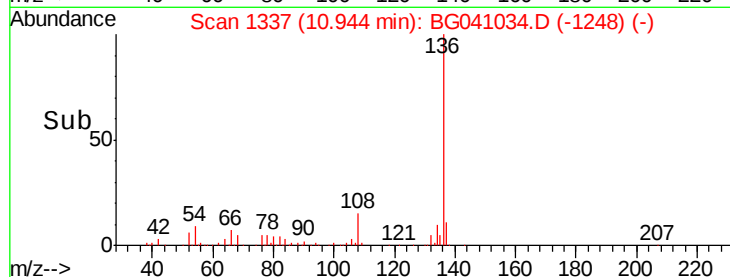


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.864 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion:105 Resp: 214470

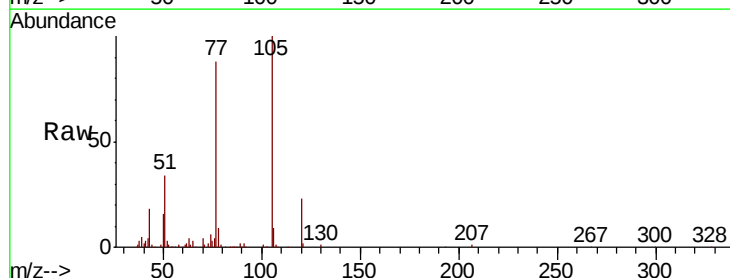
Ion Ratio Lower Upper

105 100

71 0.6 0.4 0.6

51 33.8 27.0 40.6

120 22.8 16.2 24.4

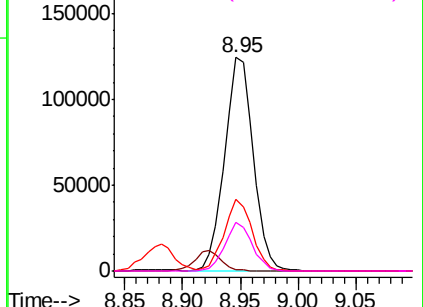
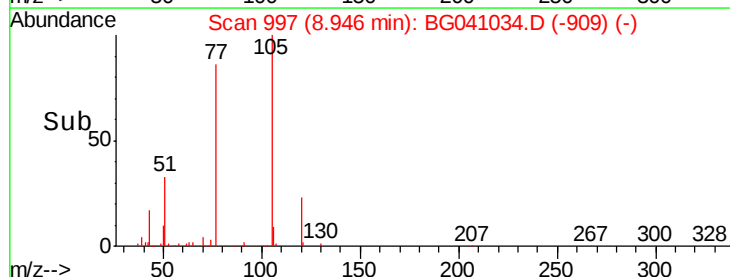


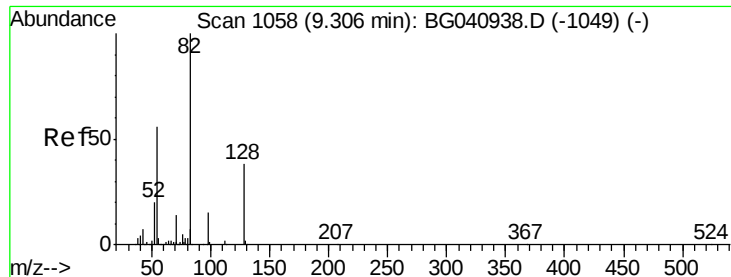
Abundance Ion 105.00 (104.70 to 105.70): E

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

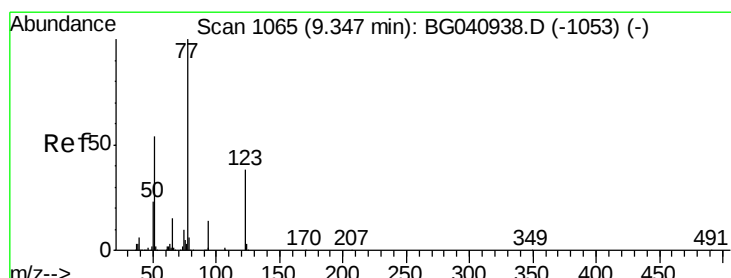
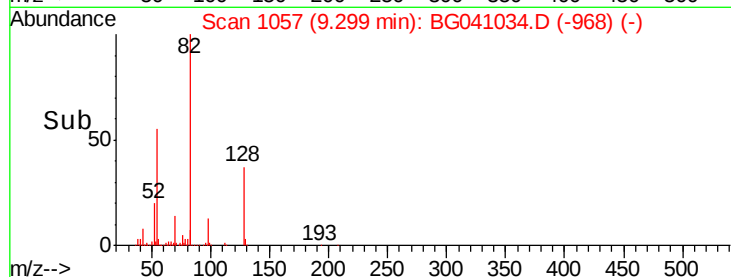
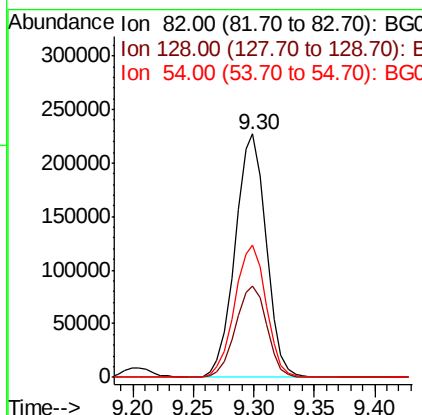
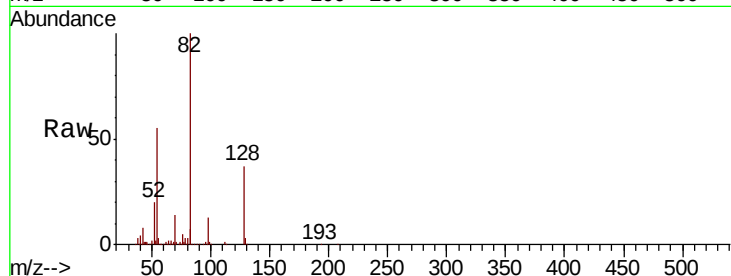




#23
 Nitrobenzene-d5
 Concen: 75.445 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

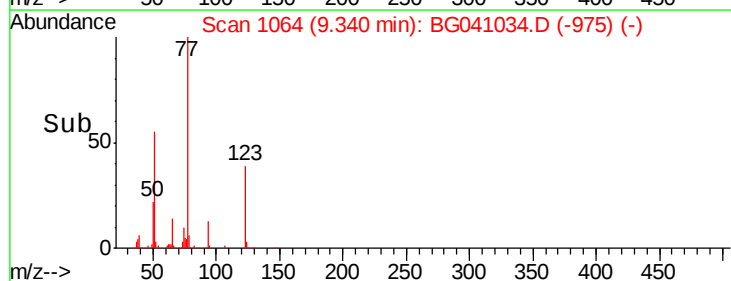
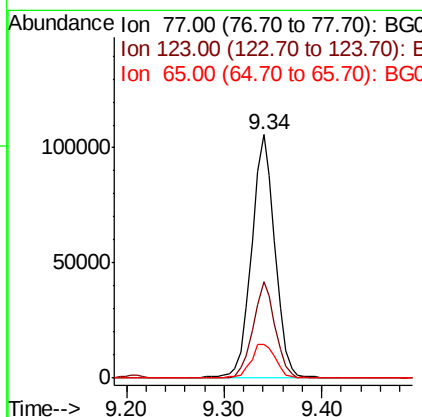
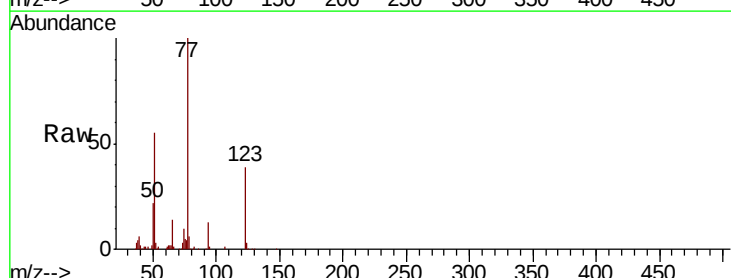
Instrument :
 BNA_G
 ClientSampleId :

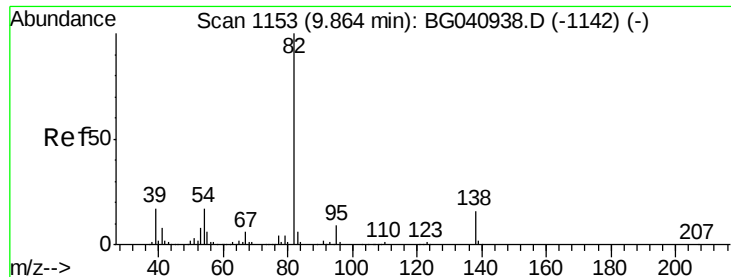
Tot Ion	82	Resp	407772
Ion Ratio	Lower	Upper	
82	100		
128	37.4	30.5	45.7
54	54.6	44.6	66.8



#24
 Nitrobenzene
 Concen: 32.214 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	77	Resp	177437
Ion Ratio	Lower	Upper	
77	100		
123	39.4	30.6	46.0
65	13.7	12.3	18.5





#25

Isophorone

Concen: 30.900 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

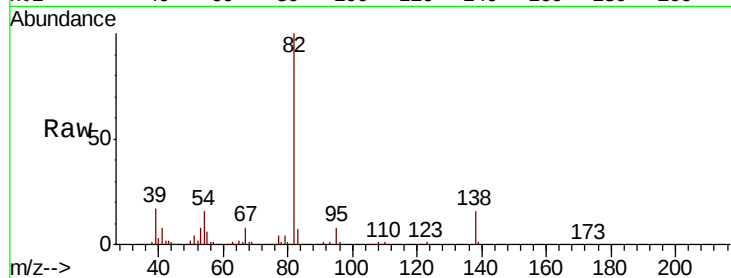
Tot Ion: 82 Resp: 317831

Ion Ratio Lower Upper

82 100

95 7.8 7.0 10.4

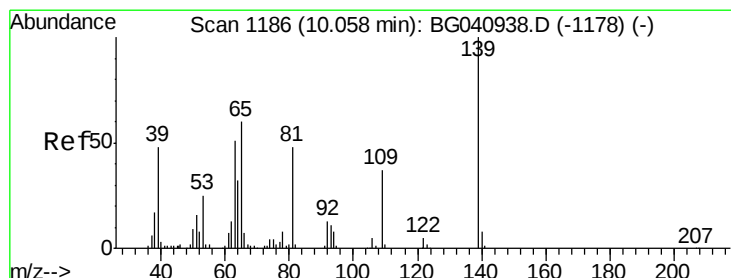
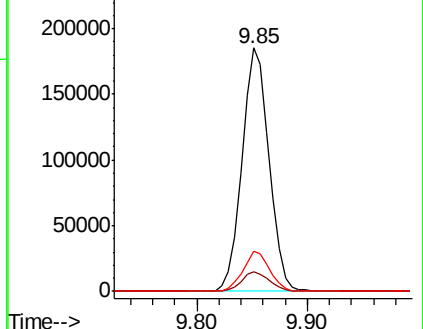
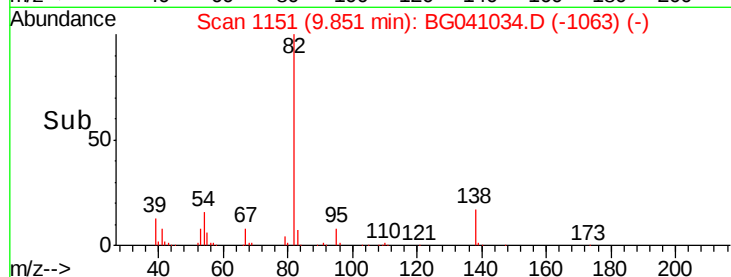
138 16.4 12.6 19.0



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

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

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



#26

2-Nitrophenol

Concen: 33.451 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

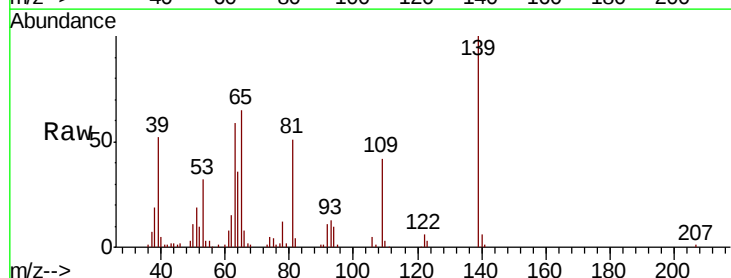
Tgt Ion: 139 Resp: 75958

Ion Ratio Lower Upper

139 100

109 42.4 29.8 44.6

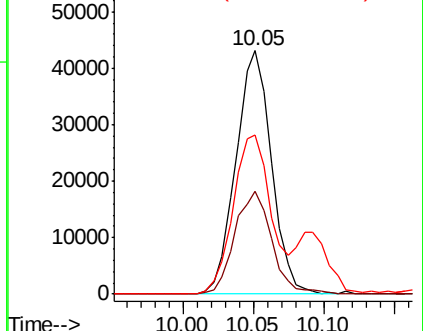
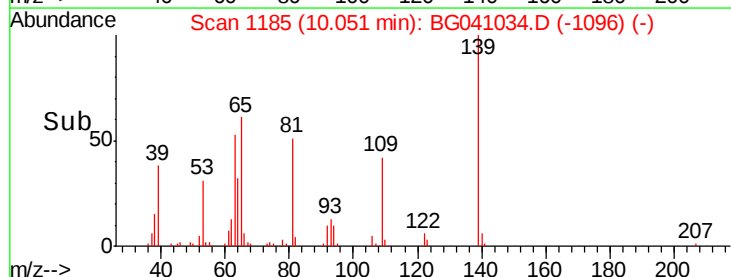
65 65.4 47.8 71.6

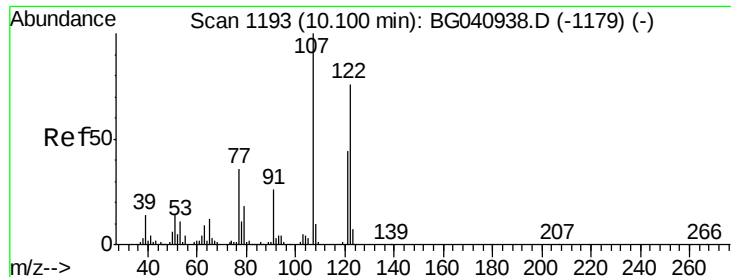


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

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

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





#27

2,4-Dimethylphenol

Concen: 35.517 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampled :

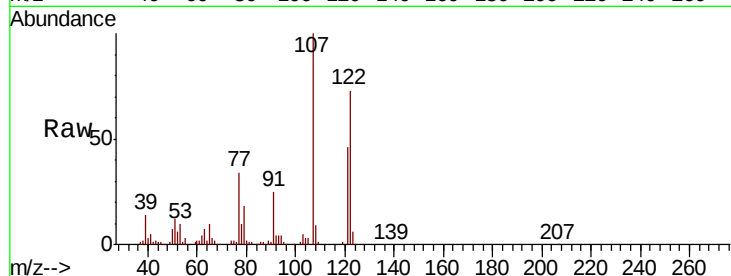
Tot Ion:122 Resp: 133197

Ion Ratio Lower Upper

122 100

107 136.2 105.9 158.9

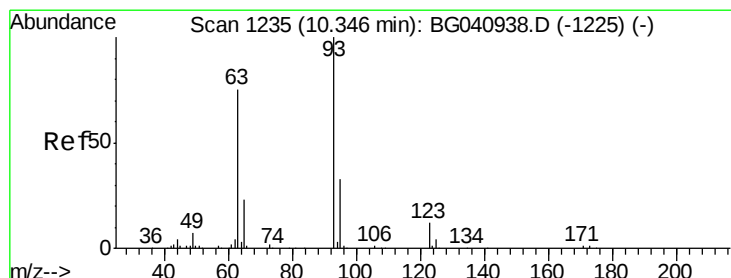
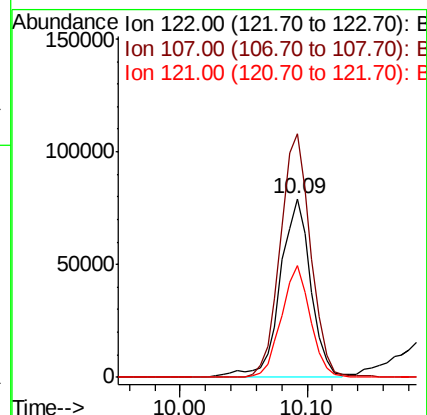
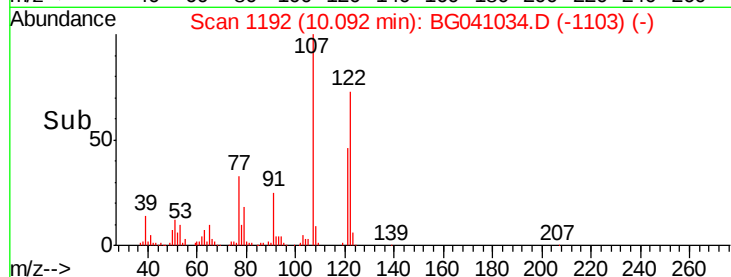
121 62.3 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.404 ng

RT: 10.33 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

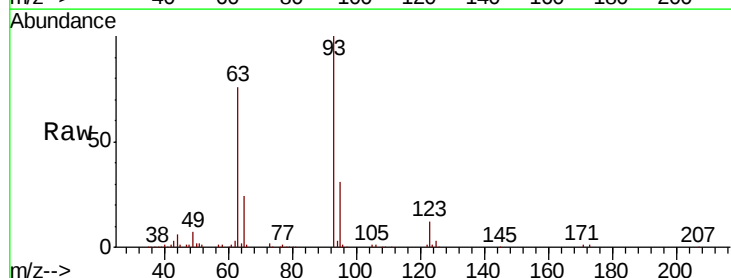
Tgt Ion: 93 Resp: 168788

Ion Ratio Lower Upper

93 100

95 31.4 26.2 39.2

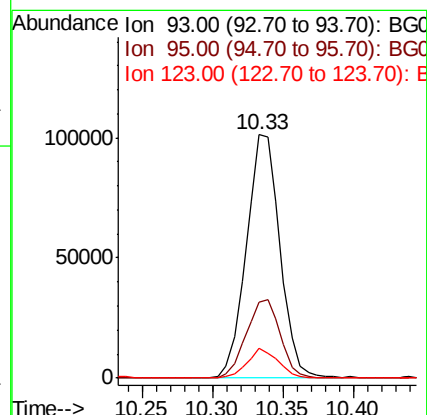
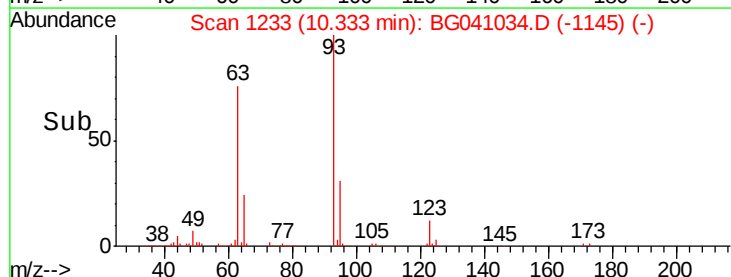
123 12.3 9.5 14.3

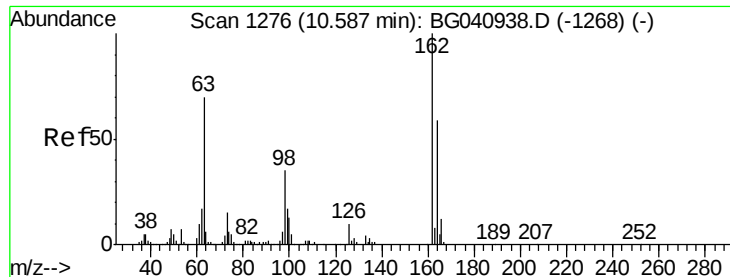


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 30.827 ng

RT: 10.58 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

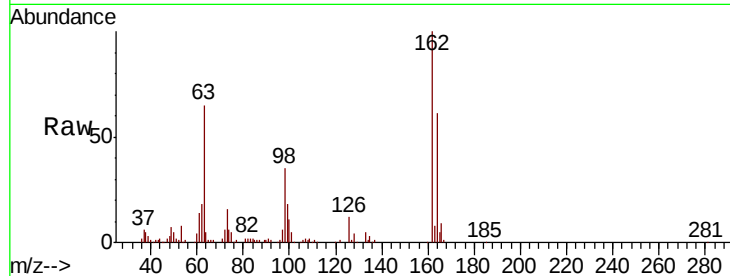
Tot Ion:162 Resp: 146805

Ion Ratio Lower Upper

162 100

164 61.1 39.4 79.4

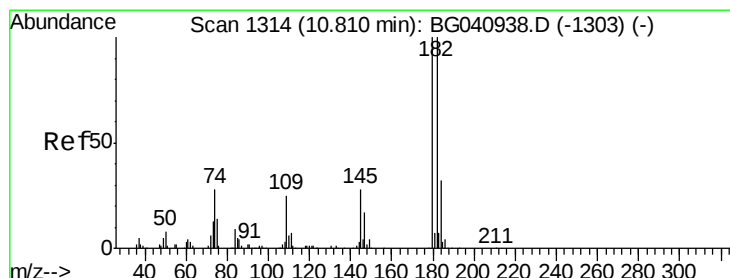
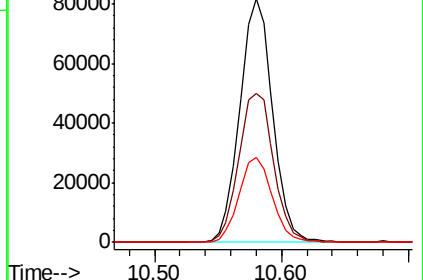
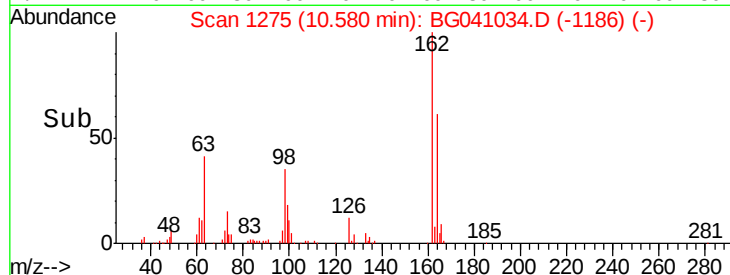
98 35.0 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 30.836 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

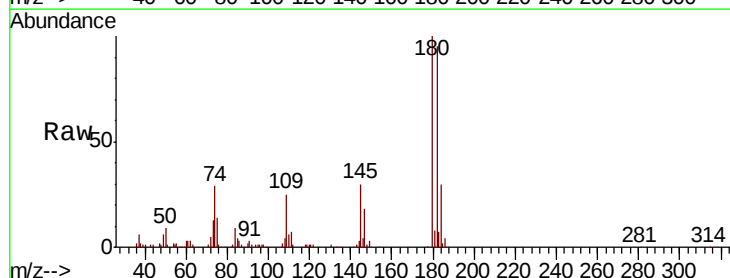
Tgt Ion:180 Resp: 167053

Ion Ratio Lower Upper

180 100

182 95.5 79.7 119.5

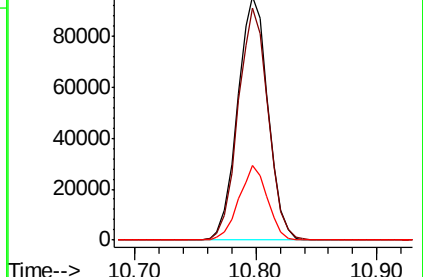
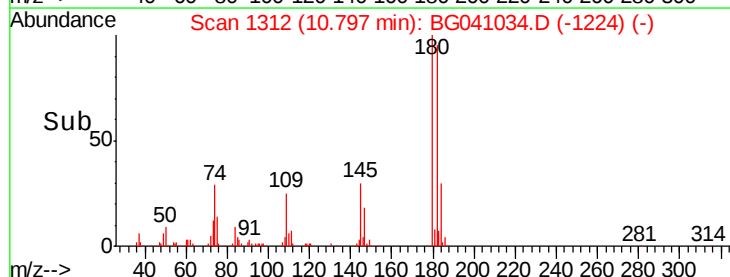
145 30.5 22.6 34.0

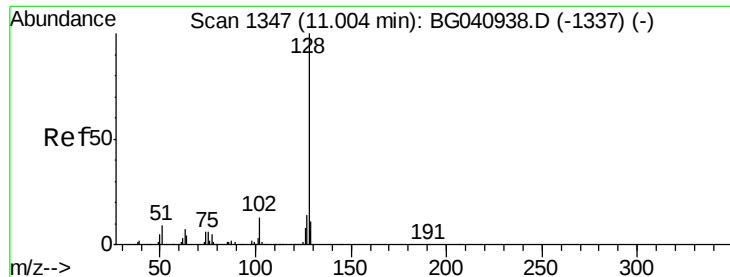


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

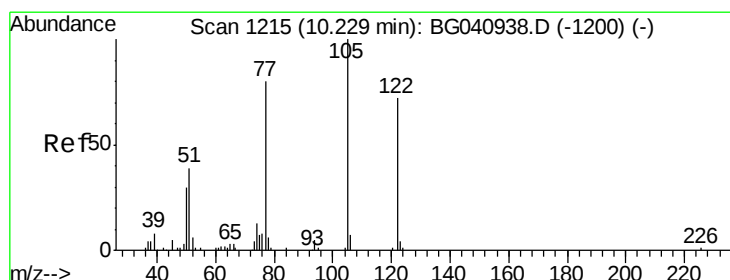
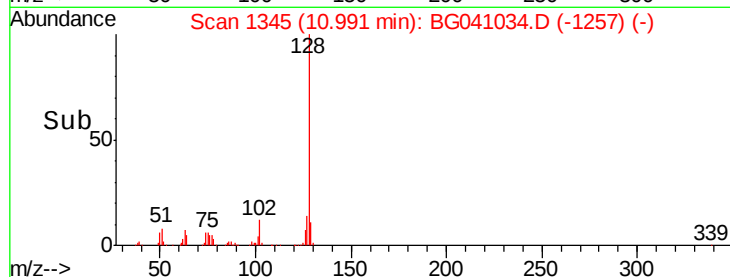
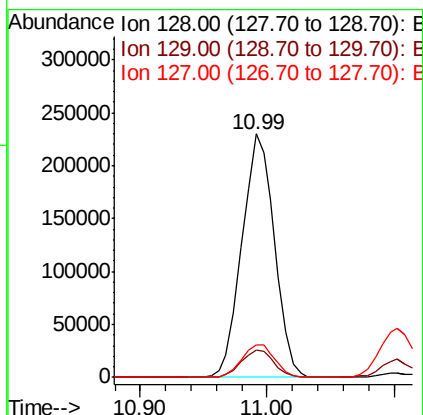
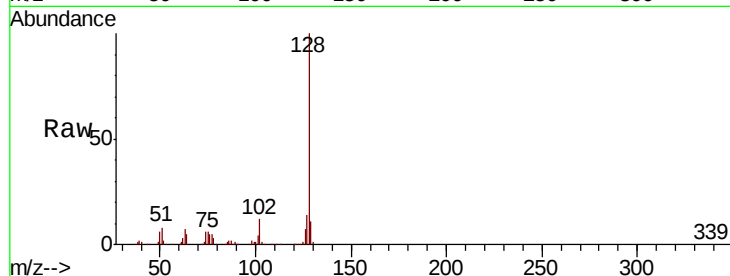




#31
Naphthalene
Concen: 31.675 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

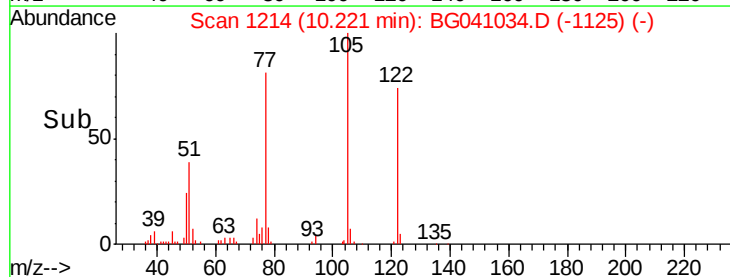
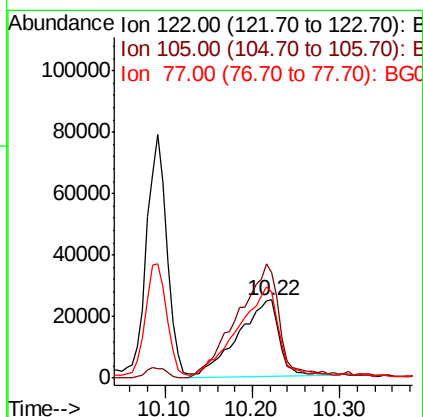
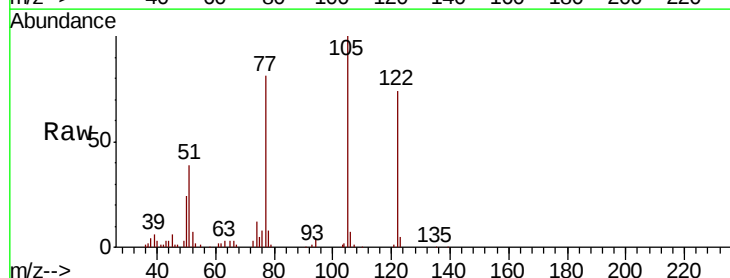
Instrument :
BNA_G
ClientSampleId :

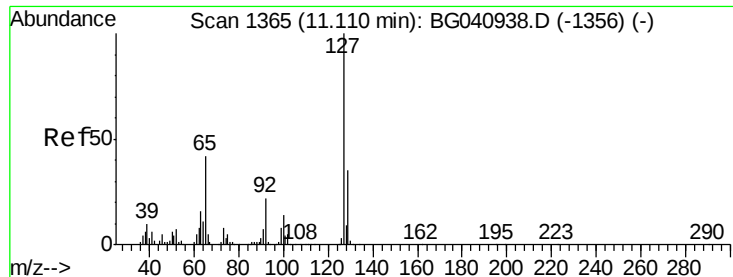
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.5	11.4	17.2



#32
Benzoic acid
Concen: 31.259 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	114.8	154.8
77	109.7	89.9	129.9

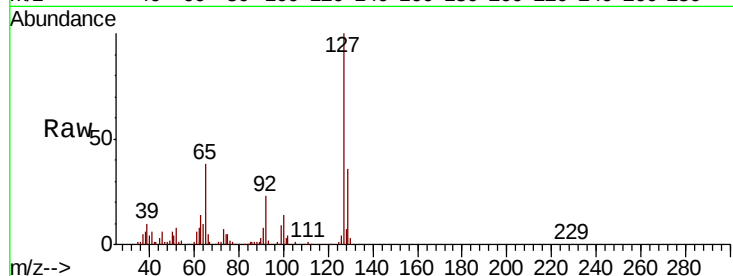




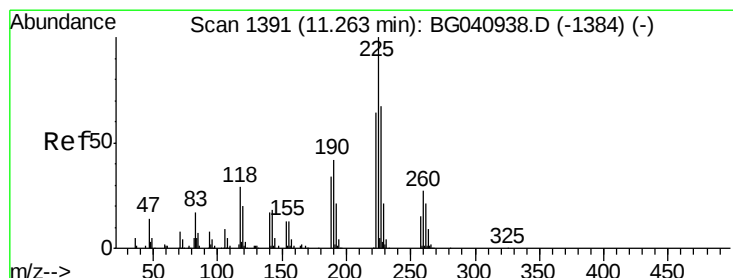
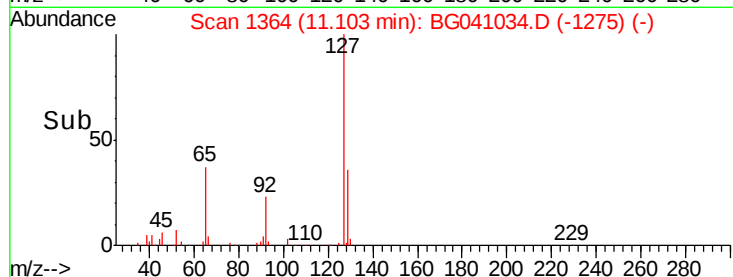
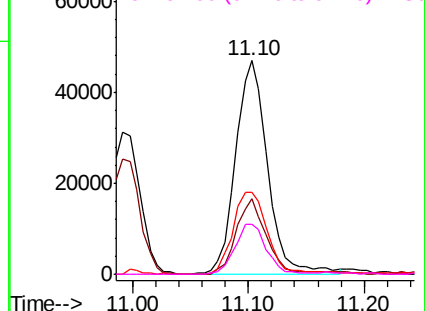
#33
4-Chloroaniline
Concen: 15.107 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.6	27.7	41.5
65	38.1	33.2	49.8
92	23.3	17.2	25.8

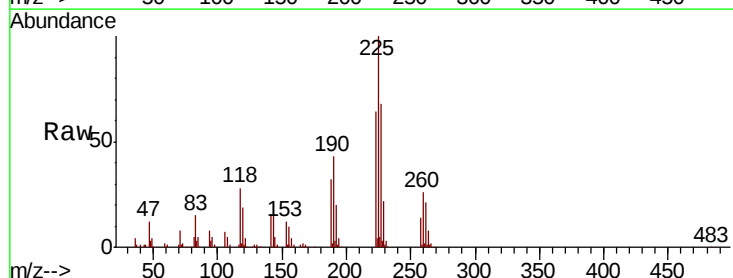


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

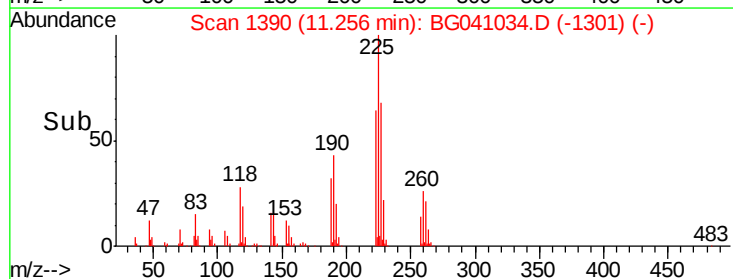
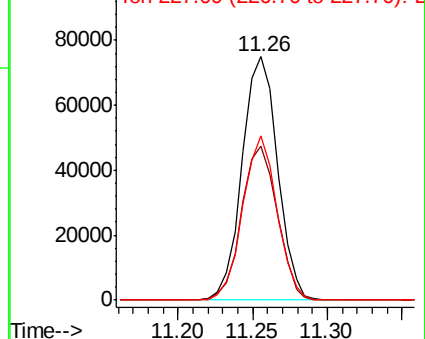


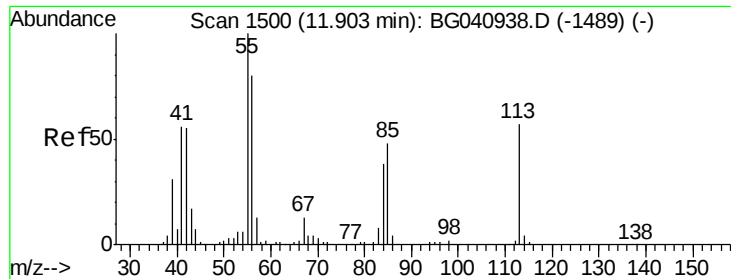
#34
Hexachlorobutadiene
Concen: 29.766 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	67.6	51.4	77.0



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





#35

Caprolactam

Concen: 30.211 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampled :

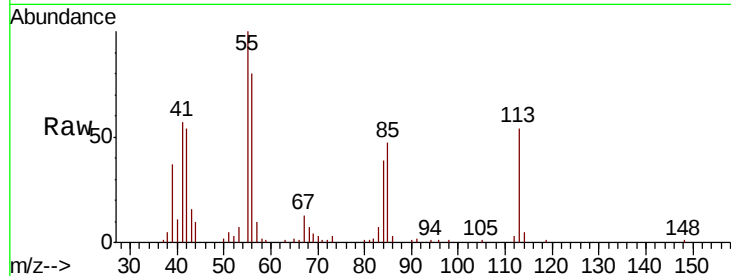
Tot Ion:113 Resp: 47511

Ion Ratio Lower Upper

113 100

55 185.6 155.9 195.9

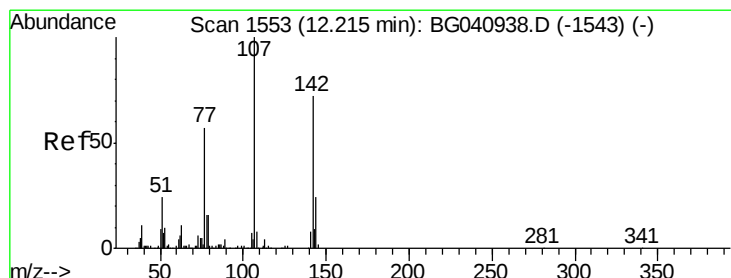
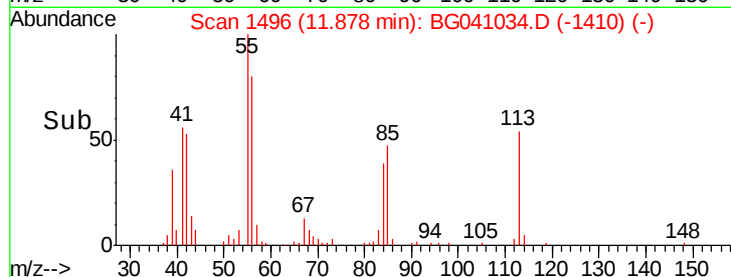
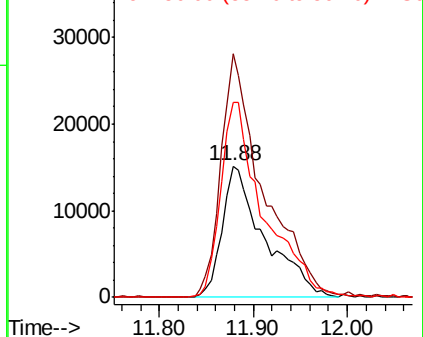
56 148.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 31.463 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

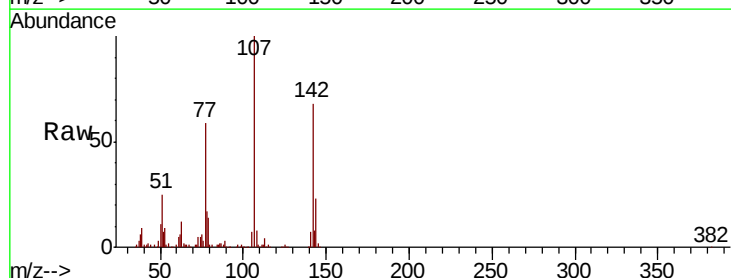
Tgt Ion:107 Resp: 171119

Ion Ratio Lower Upper

107 100

144 23.3 19.4 29.0

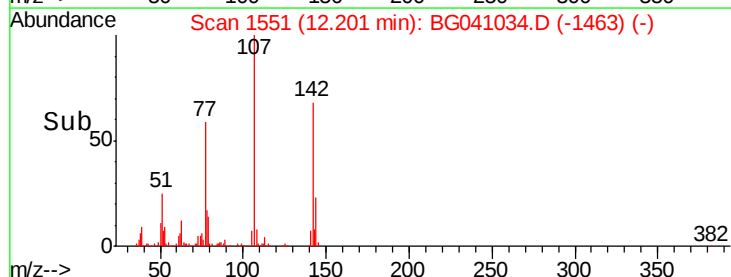
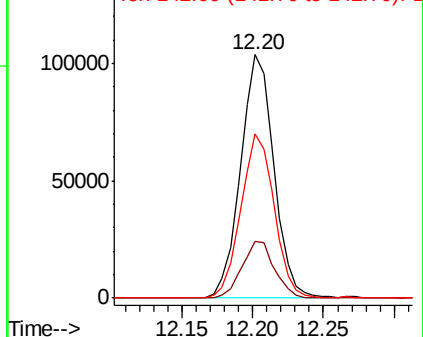
142 67.6 57.3 85.9

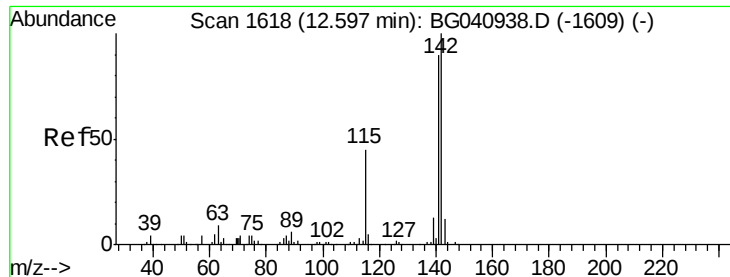


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

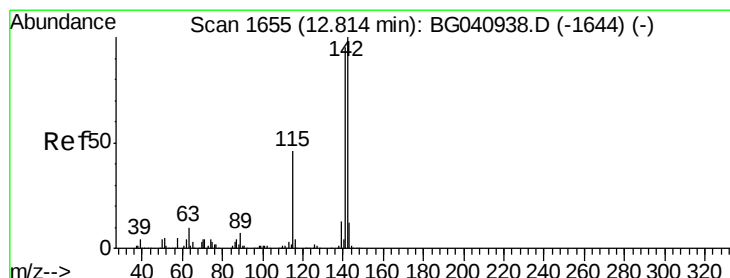
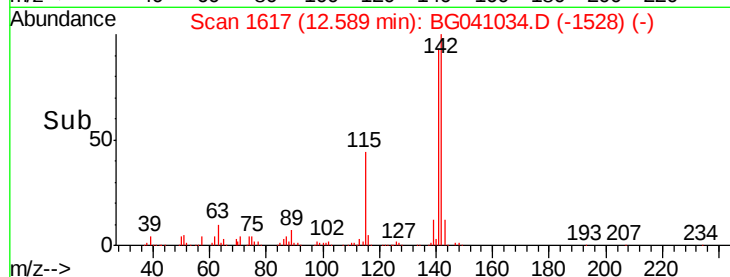
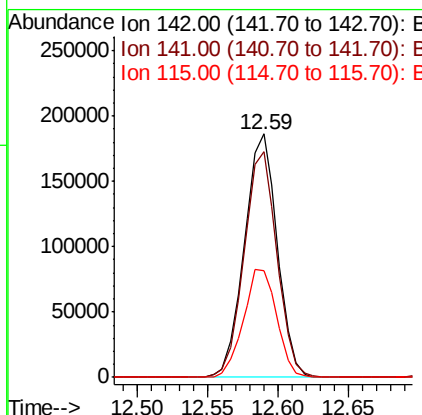
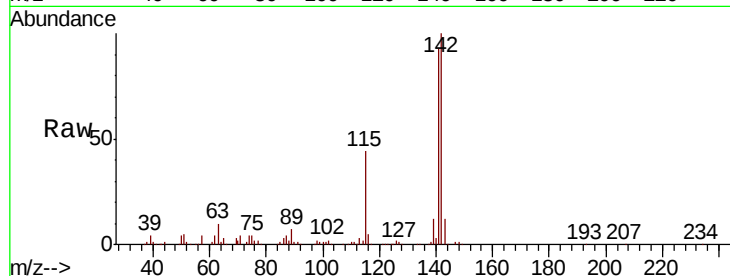




#37
2-Methylnaphthalene
Concen: 30.664 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

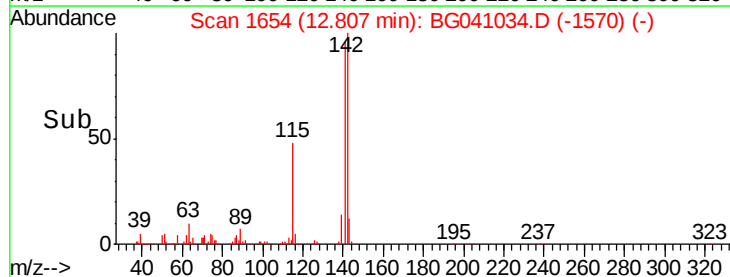
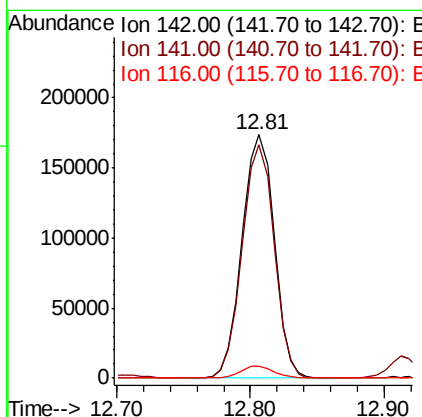
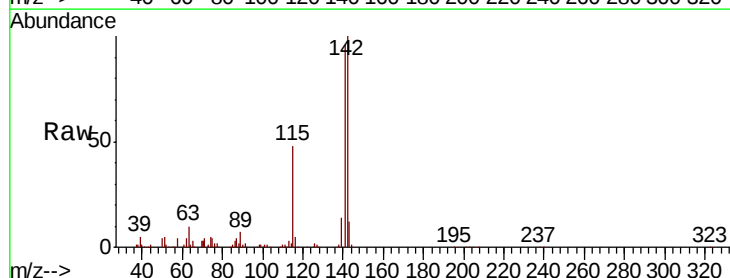
Instrument :
BNA_G
ClientSampled :

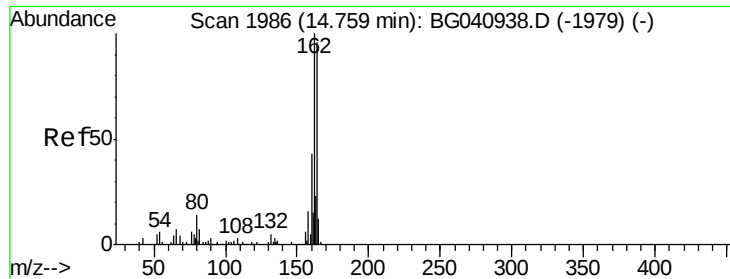
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.2	108.4
115	44.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 30.991 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.7	113.5
116	4.9	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

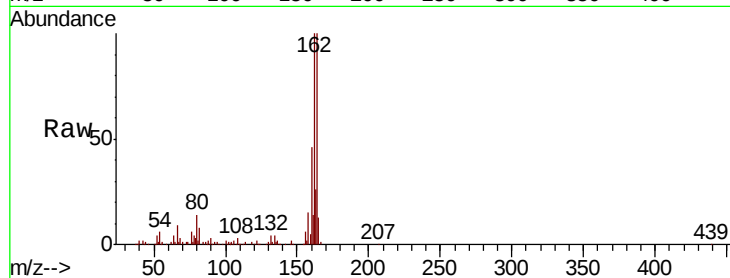
Tot Ion:164 Resp: 165996

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.4

160 45.7 35.6 53.4

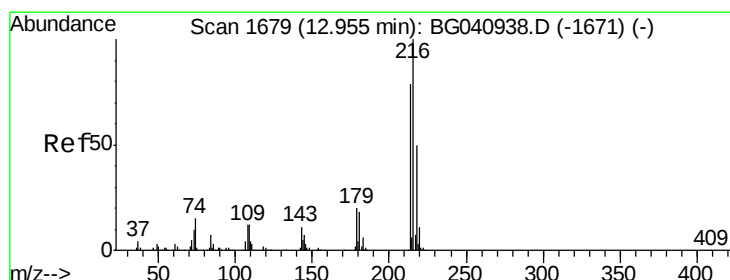
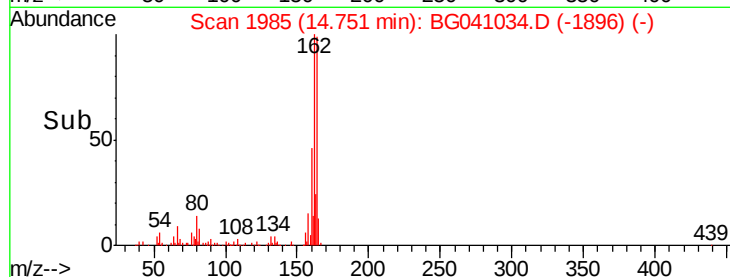
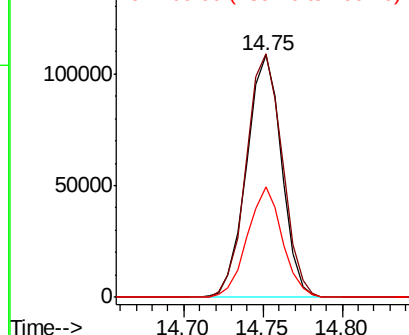


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.715 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion:216 Resp: 225571

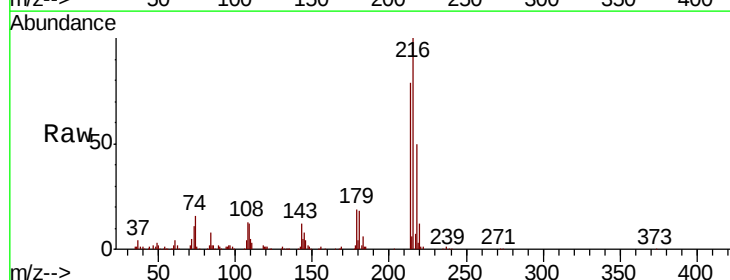
Ion Ratio Lower Upper

216 100

214 77.4 63.4 95.2

179 19.3 15.2 22.8

108 16.8 11.4 17.2



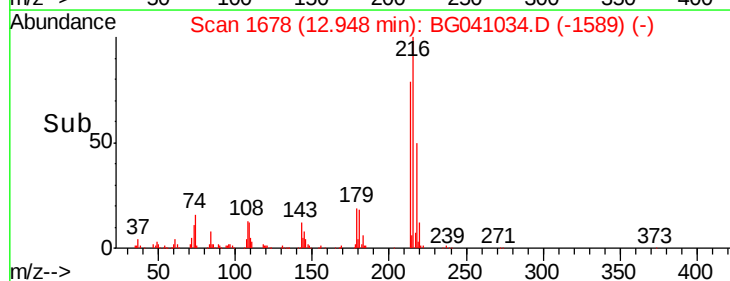
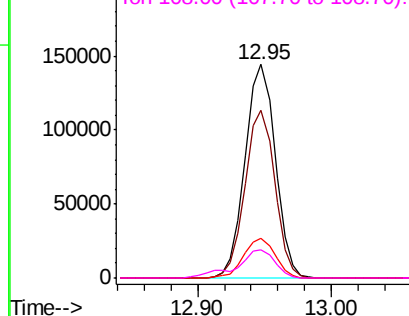
Abundance

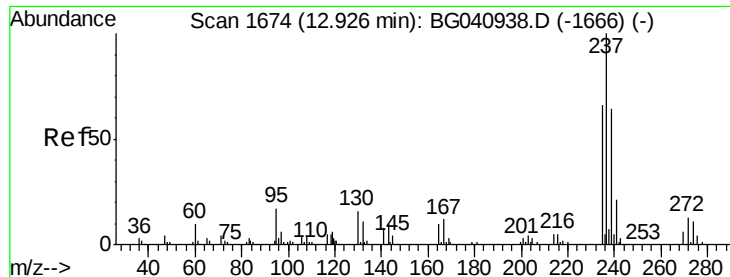
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.696 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

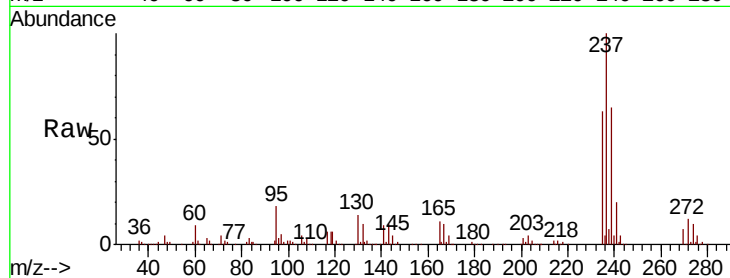
Tot Ion:237 Resp: 250417

Ion	Ratio	Lower	Upper
237	100		
235	63.4	45.5	85.5
272	11.9	0.0	32.9

237 100

235 63.4 45.5 85.5

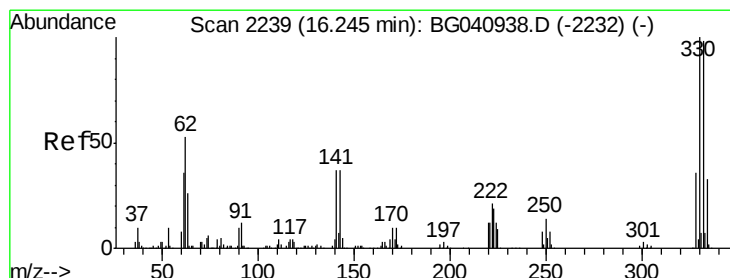
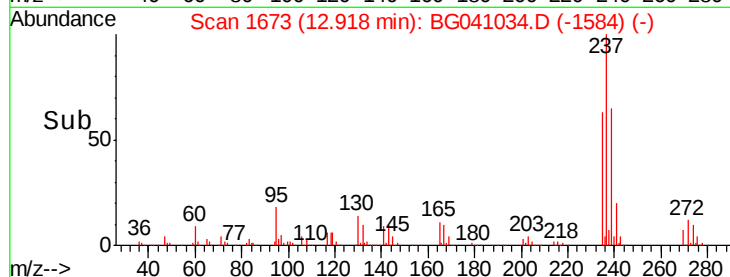
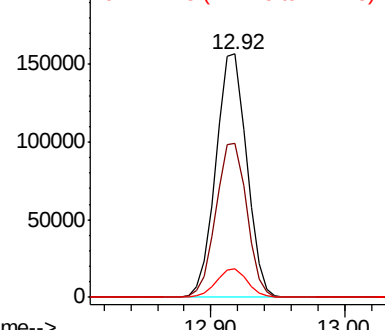
272 11.9 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.018 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

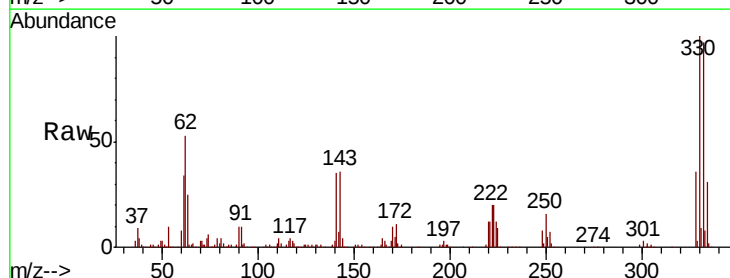
Tgt Ion:330 Resp: 362300

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	35.6	28.7	43.1

330 100

332 96.3 78.5 117.7

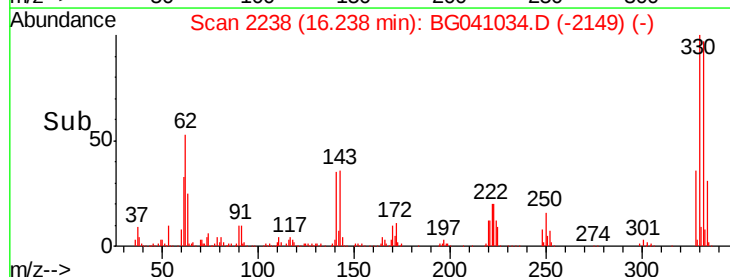
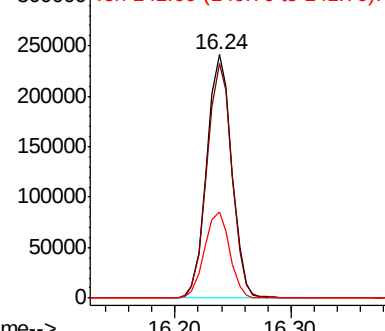
141 35.6 28.7 43.1

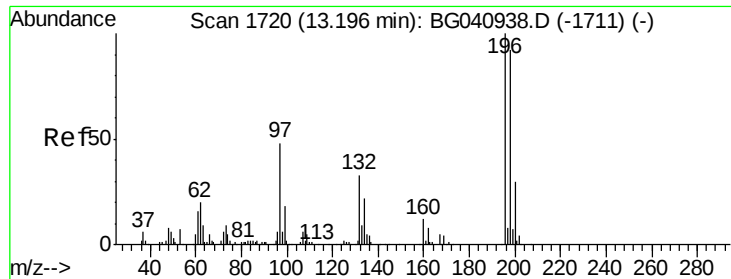


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

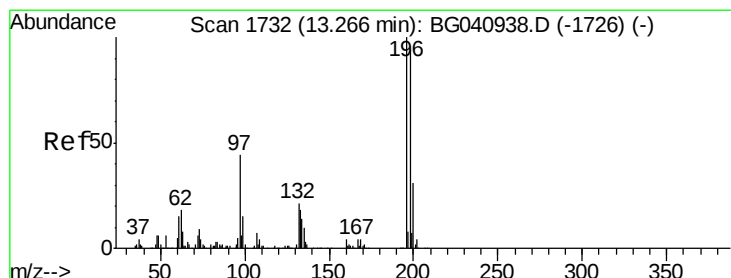
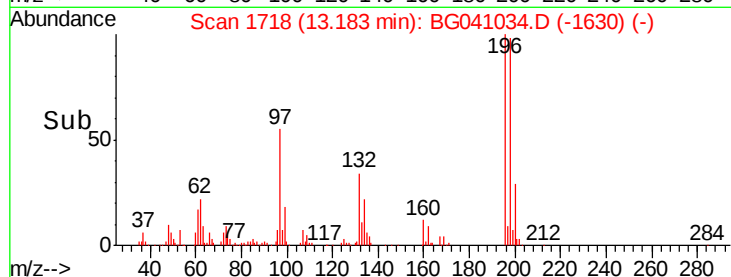
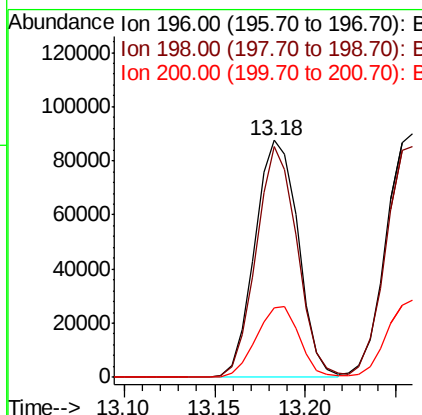
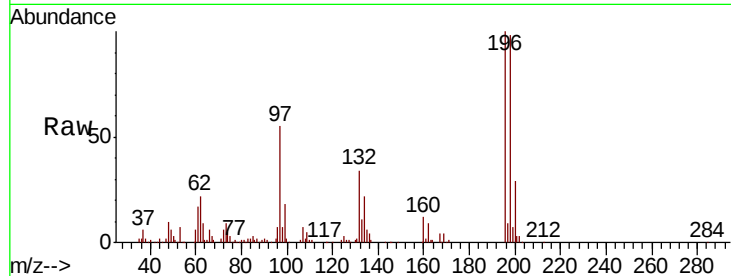




#43
 2,4,6-Trichlorophenol
 Concen: 33.544 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

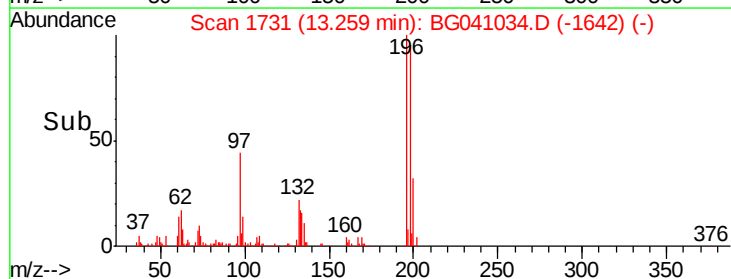
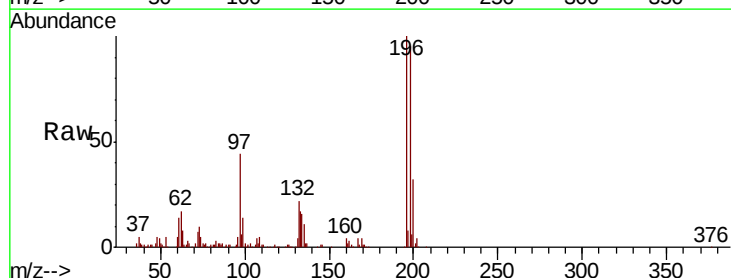
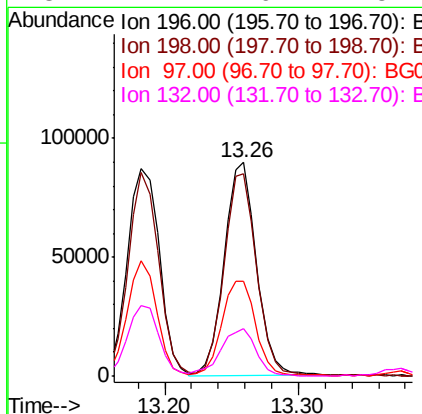
Instrument :
 BNA_G
 ClientSampleId :

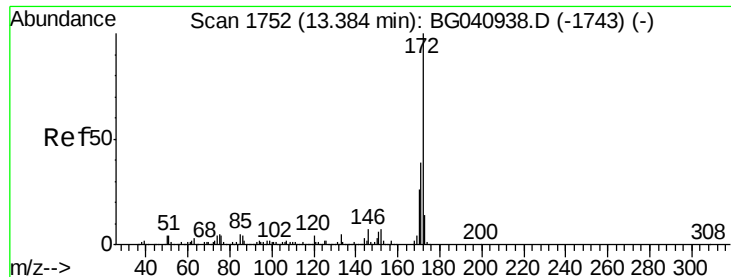
Tot Ion	196	Resp	145186
Ion Ratio	Lower	Upper	
196	100		
198	97.5	73.8	110.6
200	29.4	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 33.259 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	196	Resp	151818
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.1	112.7
97	44.5	35.6	53.4
132	22.2	16.7	25.1

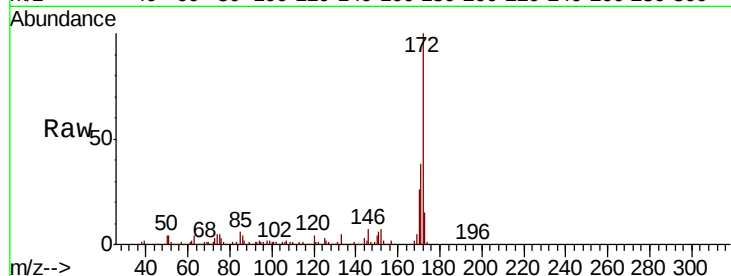




#45
2-Fluorobiphenyl
Concen: 78.682 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.9	20.5	30.7

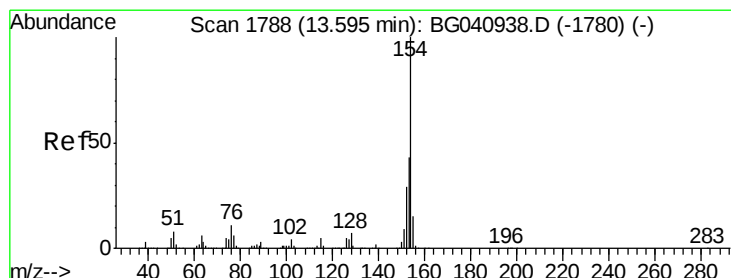
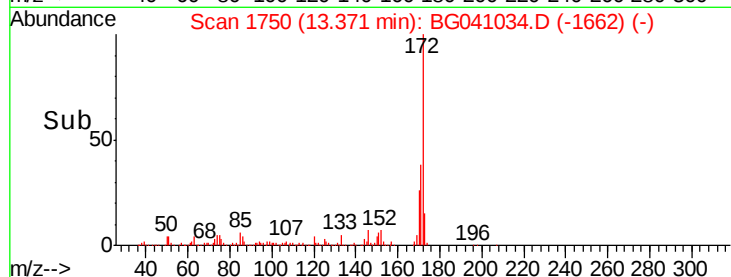
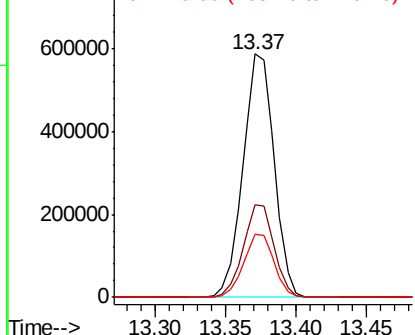


Abundance

Ion 172.00 (171.70 to 172.70): E

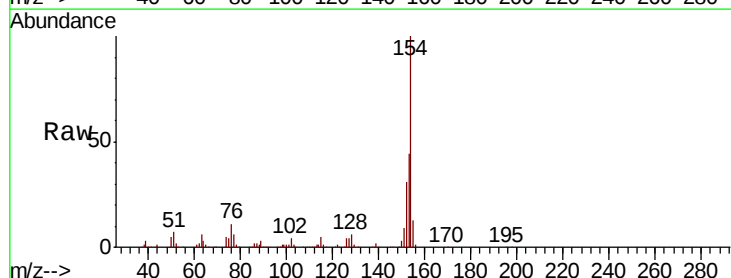
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 33.666 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.3	63.3
76	10.8	0.0	31.1

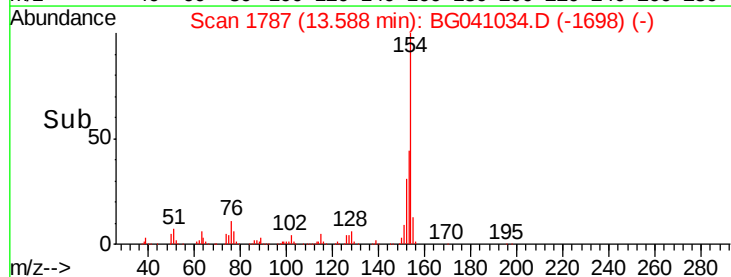
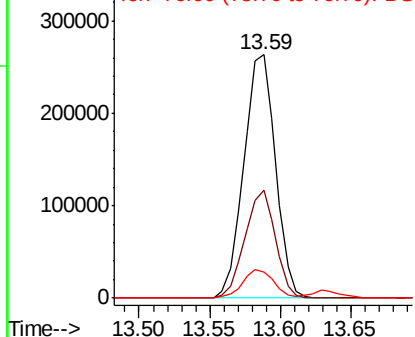


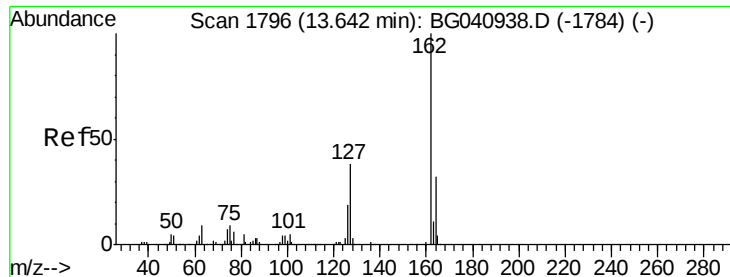
Abundance

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

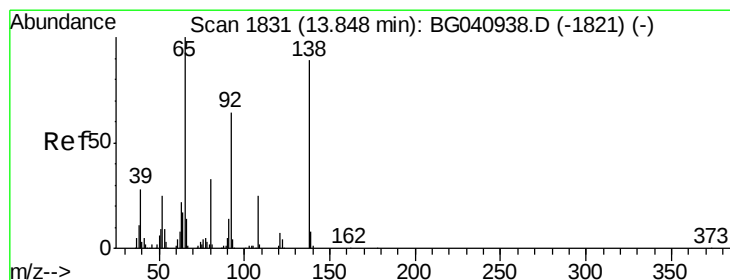
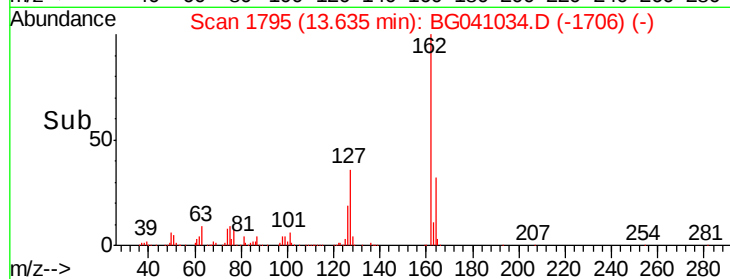
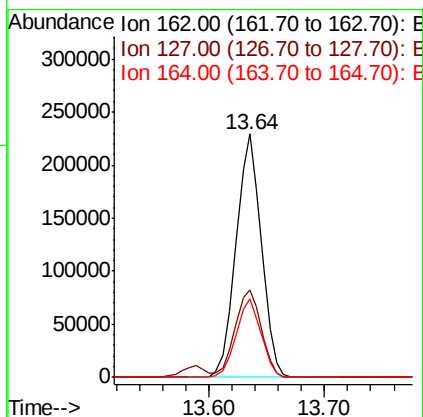
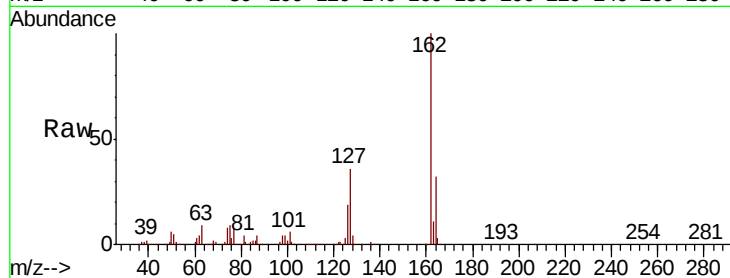




#47
 2-Chloronaphthalene
 Concen: 32.790 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

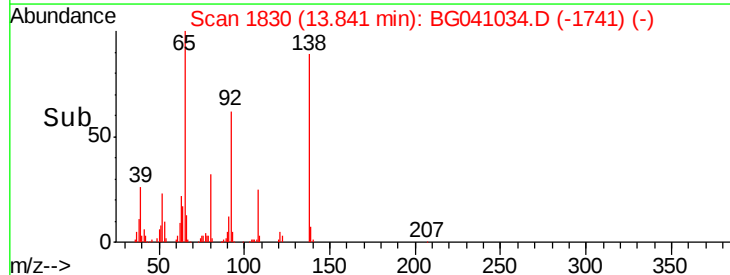
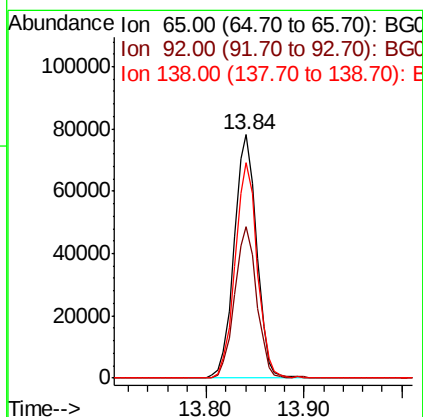
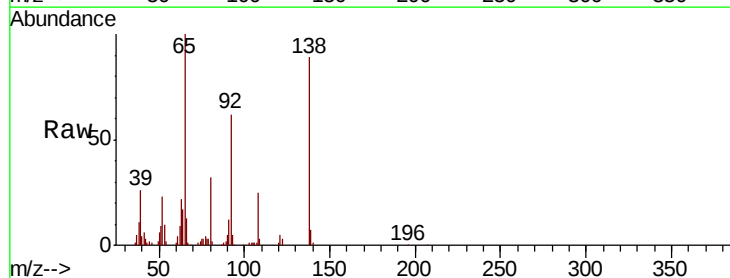
Instrument :
 BNA_G
 ClientSampleId :

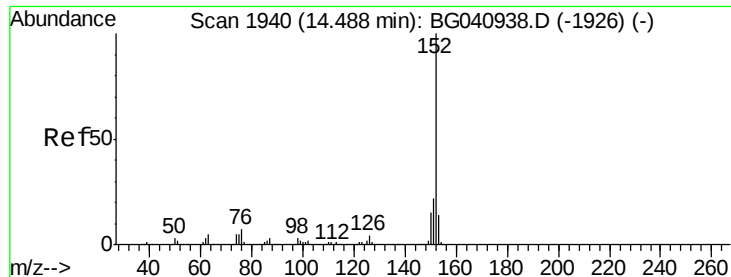
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.5	45.7
164	32.3	25.8	38.6



#48
 2-Nitroaniline
 Concen: 33.098 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	51.0	76.6
138	88.7	71.2	106.8





#49

Acenaphthylene

Concen: 33.850 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

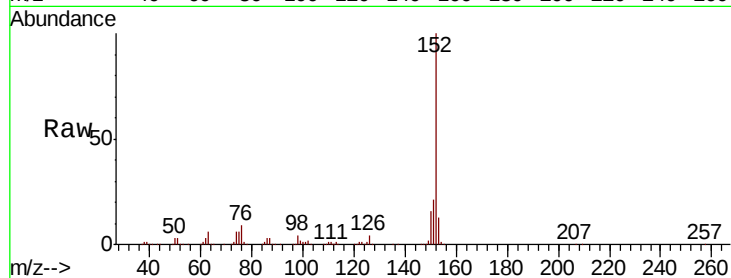
Tot Ion:152 Resp: 537401

Ion Ratio Lower Upper

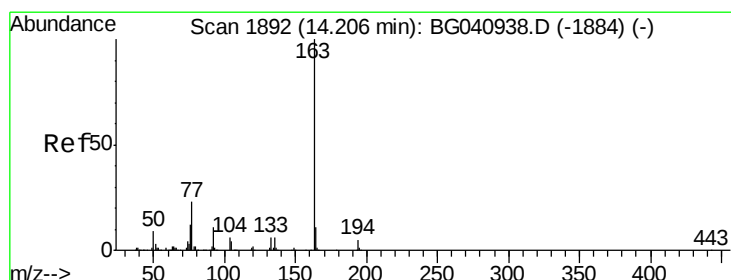
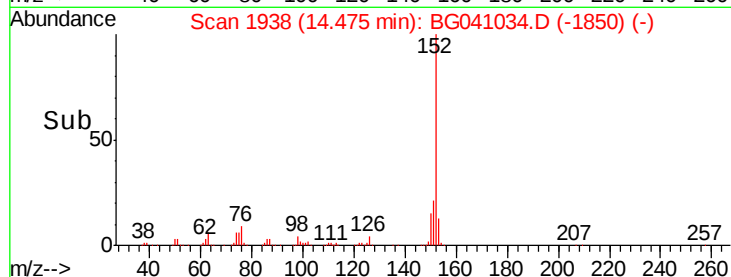
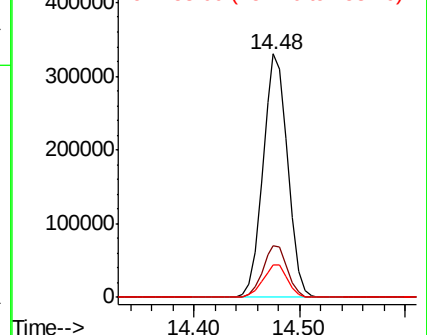
152 100

151 21.3 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: 32.169 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

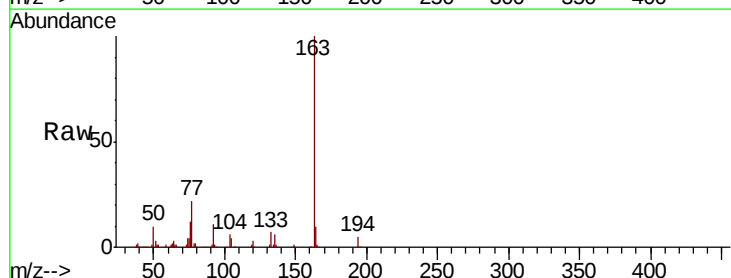
Tgt Ion:163 Resp: 452024

Ion Ratio Lower Upper

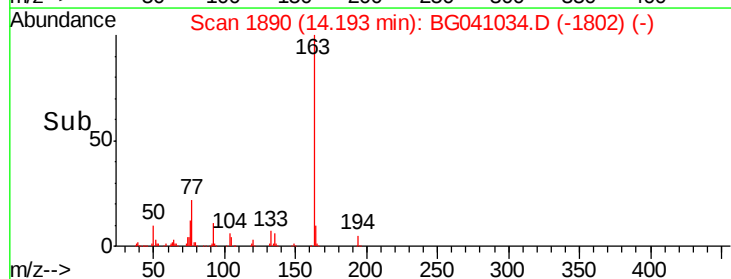
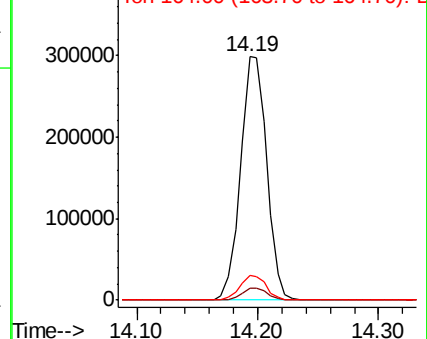
163 100

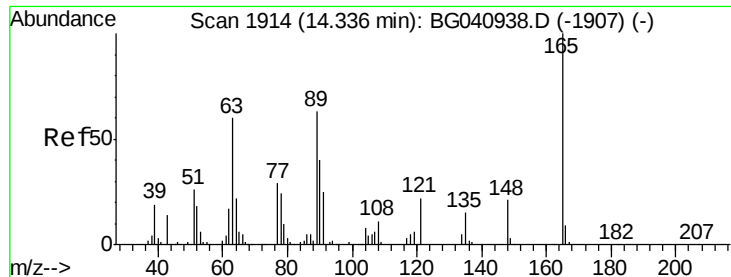
194 4.7 3.8 5.8

164 10.2 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: 32.296 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

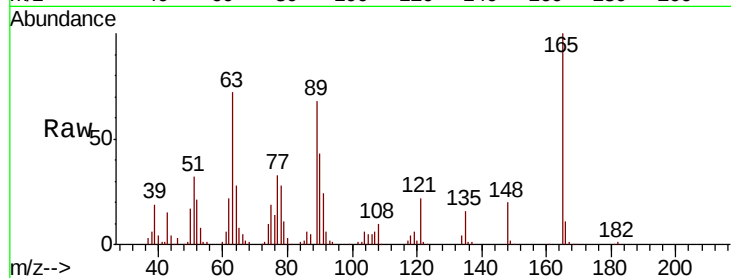
Tot Ion:165 Resp: 97847

Ion Ratio Lower Upper

165 100

63 71.9 53.6 80.4

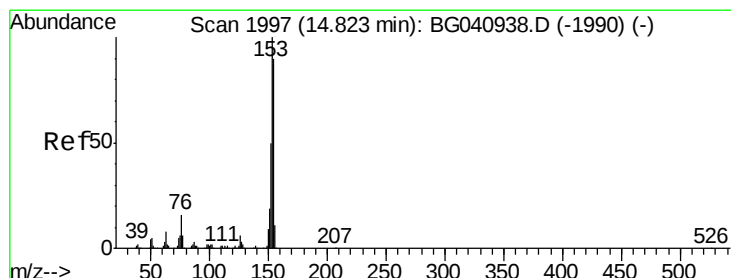
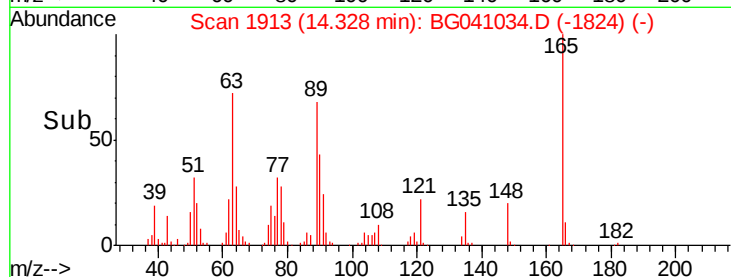
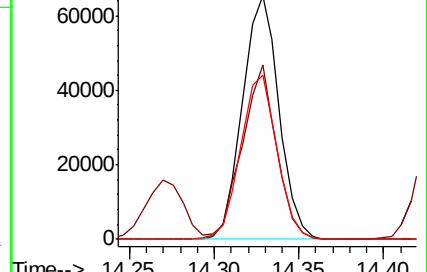
89 67.5 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 32.668 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

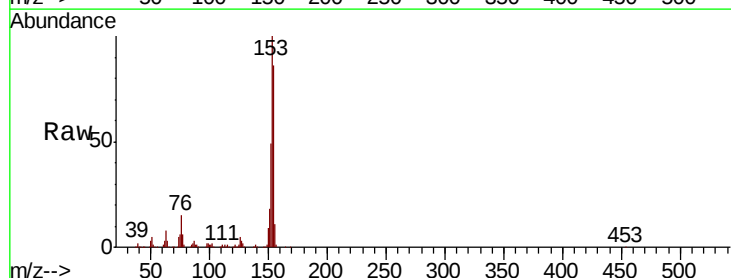
Tgt Ion:154 Resp: 314190

Ion Ratio Lower Upper

154 100

153 115.7 88.6 133.0

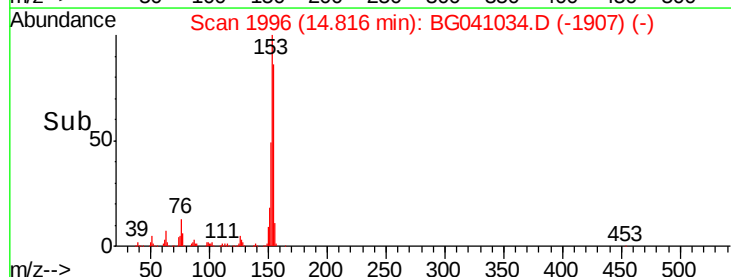
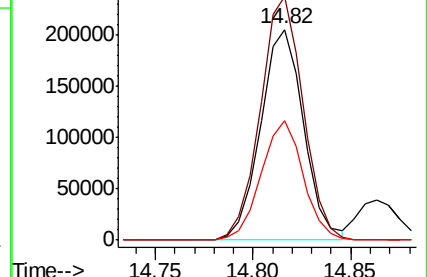
152 56.9 44.2 66.4

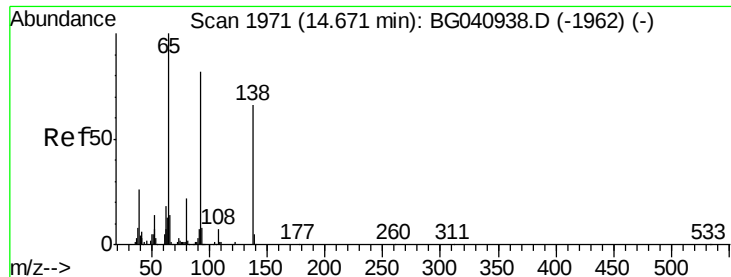


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.443 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

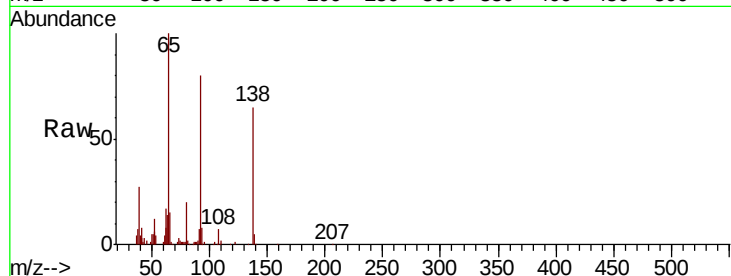
Tot Ion:138 Resp: 71021

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

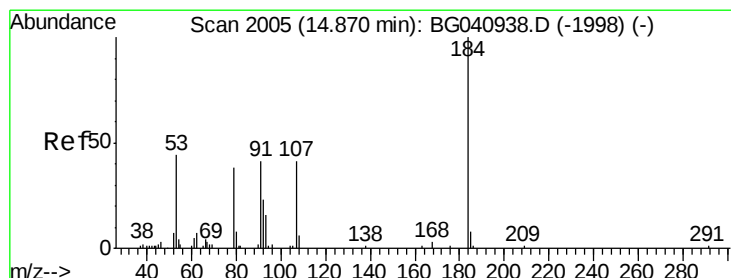
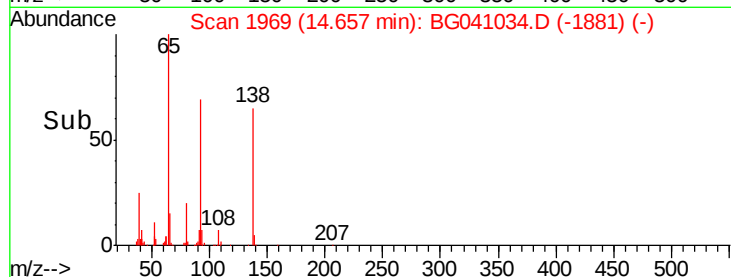
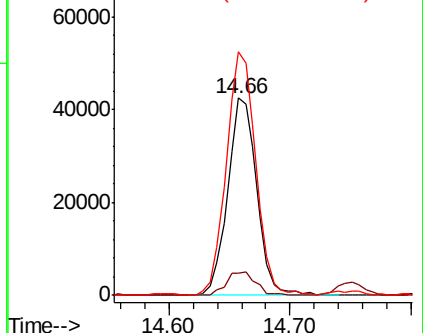
92 123.5 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 68.456 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

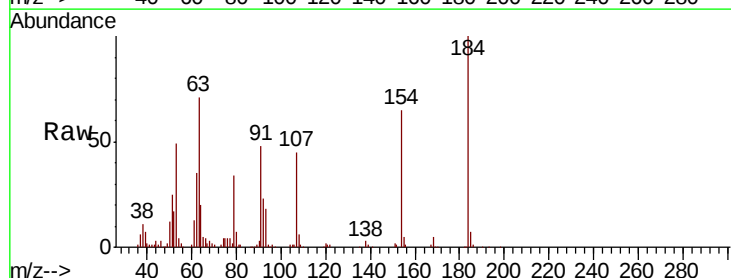
Tgt Ion:184 Resp: 100958

Ion Ratio Lower Upper

184 100

63 70.8 49.8 74.6

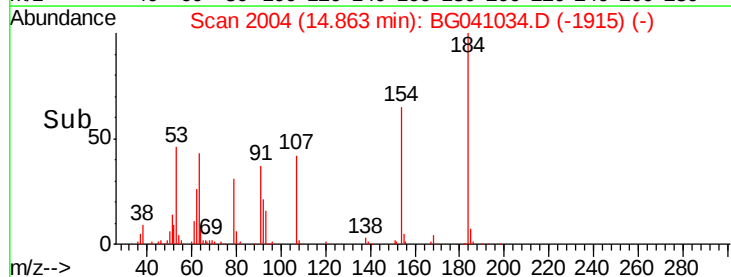
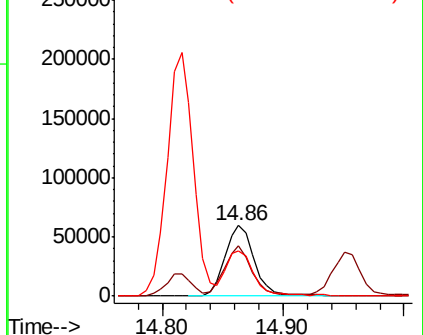
154 64.8 52.2 78.4

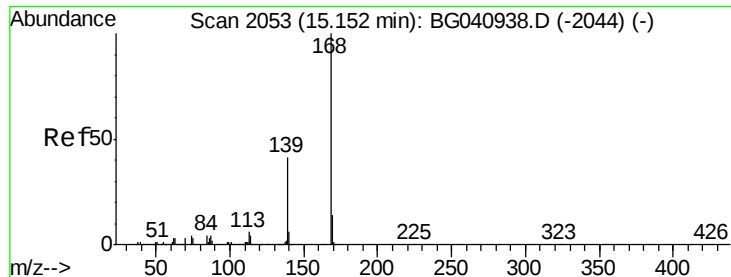


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

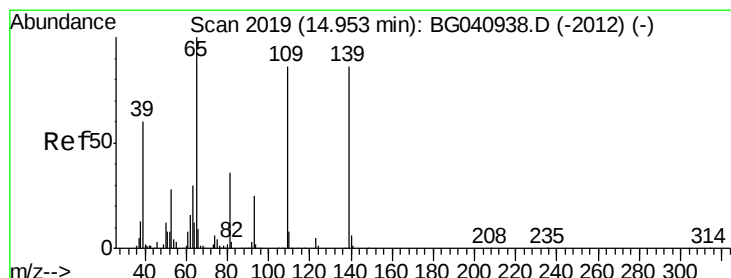
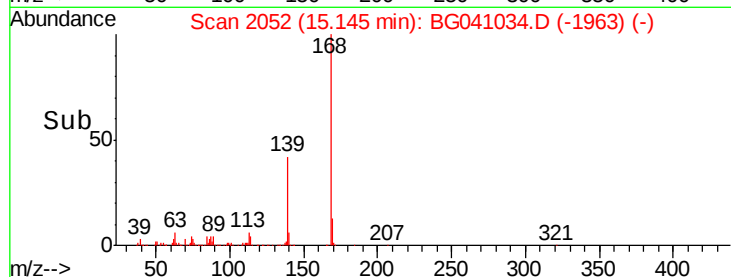
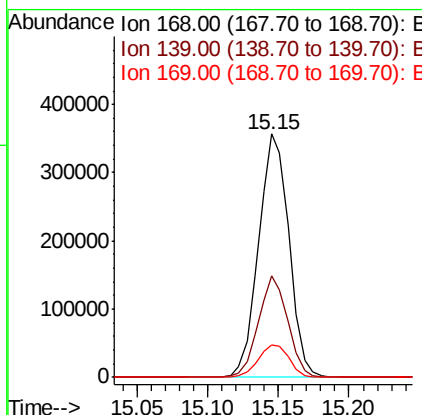
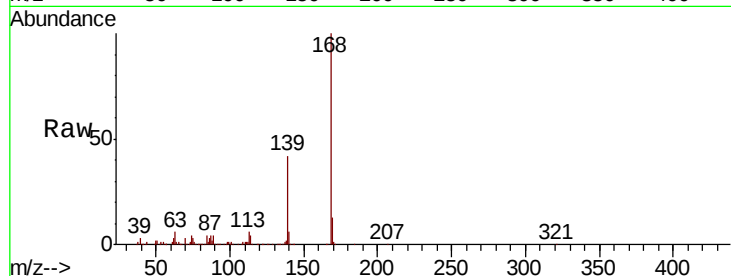




#55
Dibenzo(furan)
Concen: 33.313 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

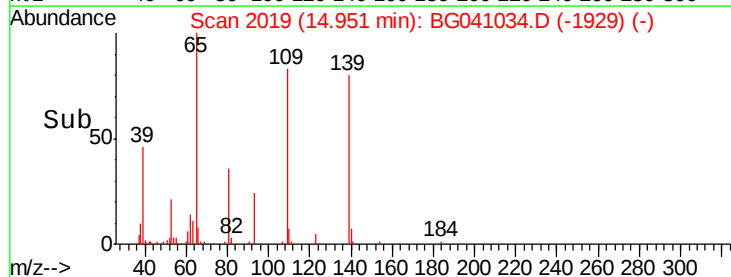
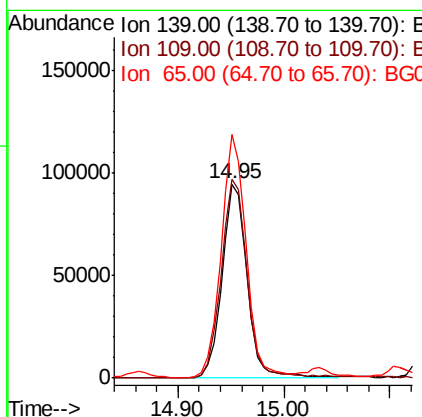
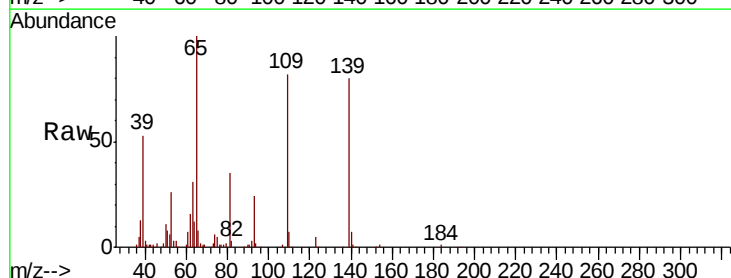
Instrument :
BNA_G
ClientSampleId :

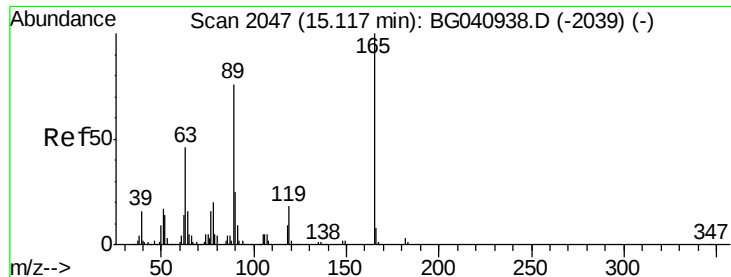
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	32.8	49.2
169	13.5	11.3	16.9



#56
4-Nitrophenol
Concen: 75.129 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.0	79.6	119.6
65	125.7	96.9	136.9

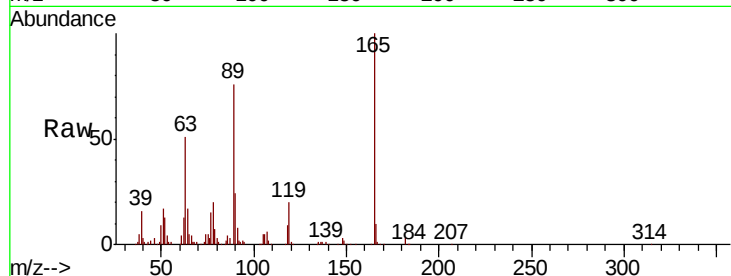




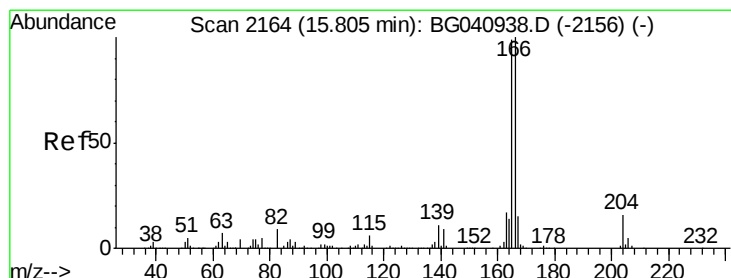
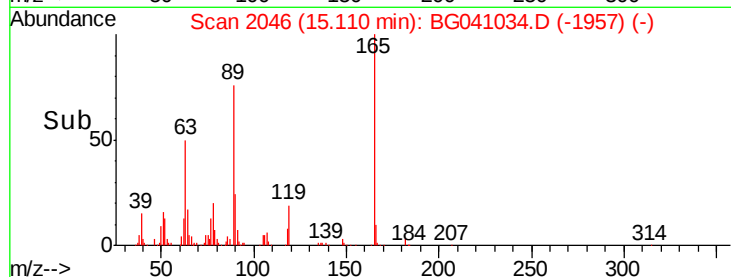
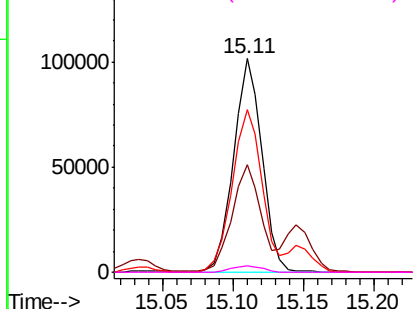
#57
2,4-Dinitrotoluene
Concen: 33.307 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 142541
Ion Ratio Lower Upper
165 100
63 50.5 37.3 55.9
89 76.0 61.0 91.6
182 3.1 2.2 3.2

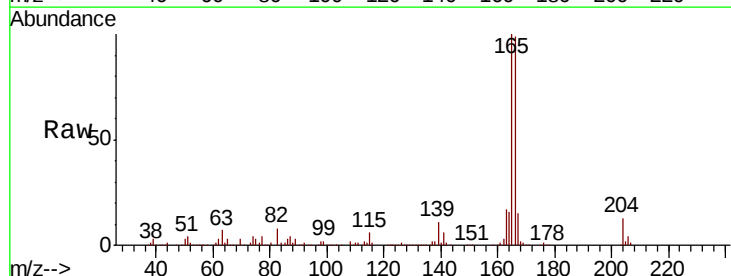


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

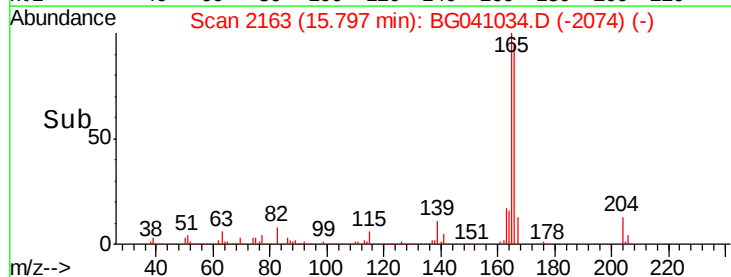
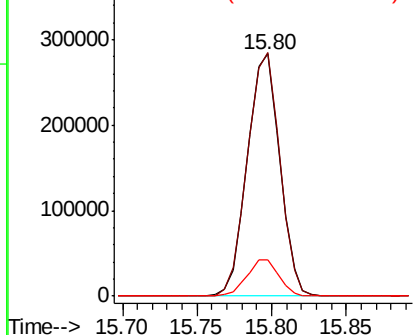


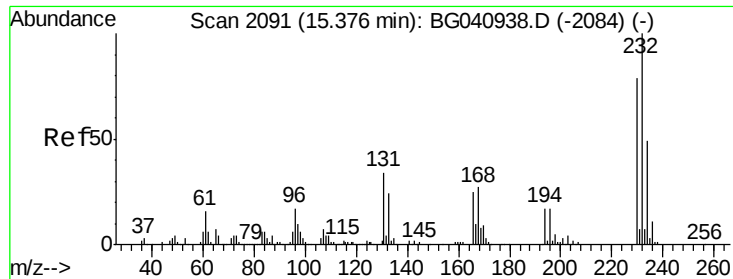
#58
Fluorene
Concen: 32.979 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:166 Resp: 425035
Ion Ratio Lower Upper
166 100
165 100.6 79.2 118.8
167 15.1 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

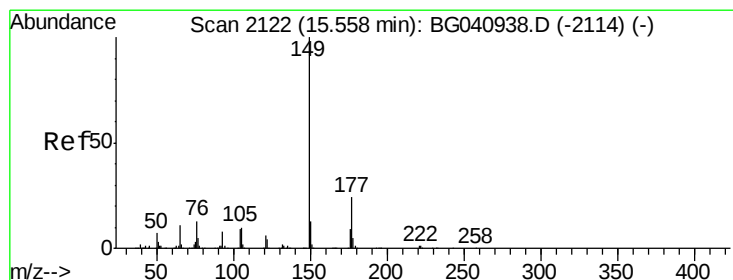
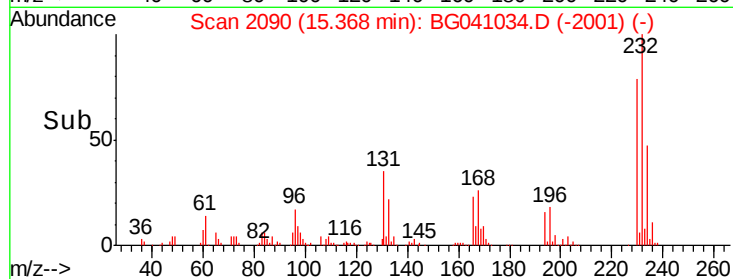
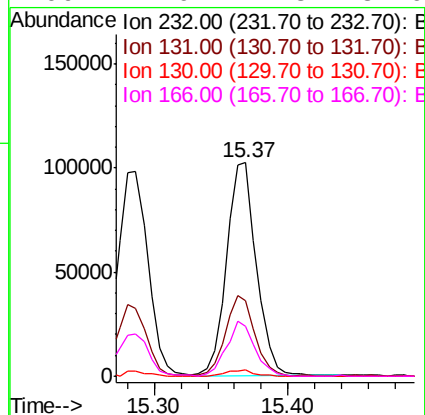
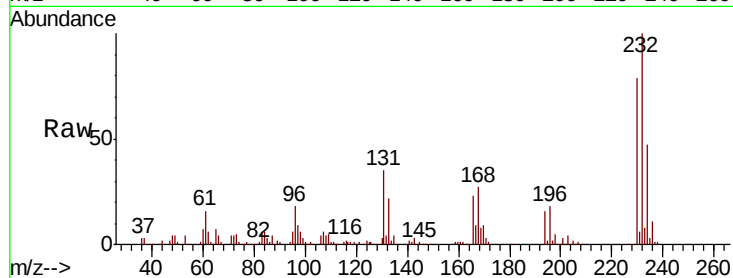




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.731 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

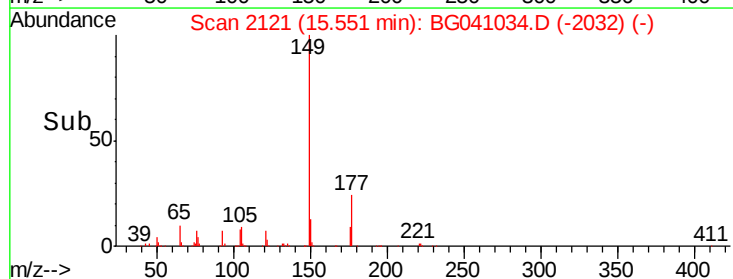
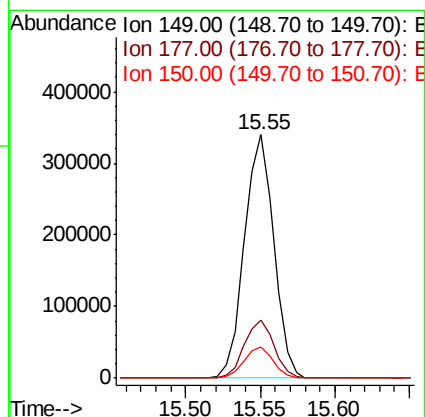
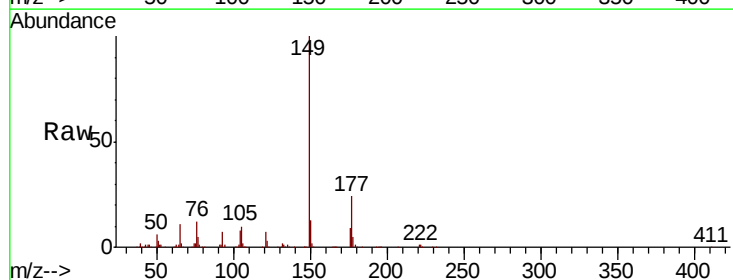
Instrument :
 BNA_G
 ClientSampleId :

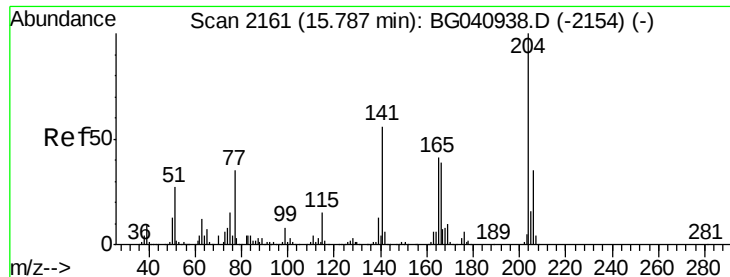
Tot Ion:232	Resp:	160285
Ion Ratio	Lower	Upper
232	100	
131	36.6	30.3 45.5
130	2.5	1.8 2.8
166	24.9	21.3 31.9



#60
 Diethylphthalate
 Concen: 32.185 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion:149	Resp:	461540
Ion Ratio	Lower	Upper
149	100	
177	23.8	19.4 29.0
150	12.6	10.3 15.5

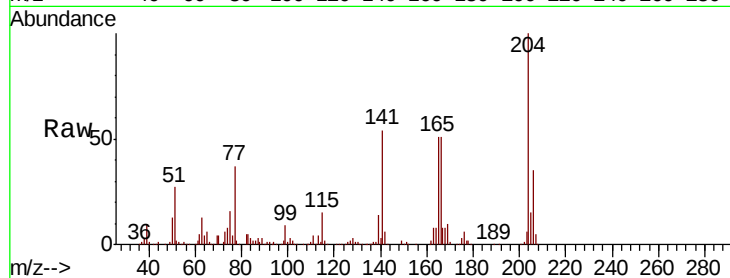




#61
 4-Chlorophenyl-phenylether
 Concen: 32.136 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.6	41.4
141	54.4	45.1	67.7

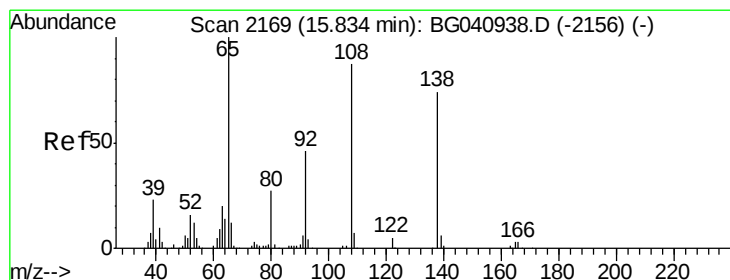
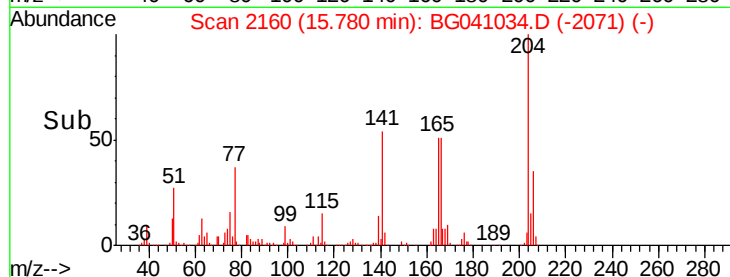
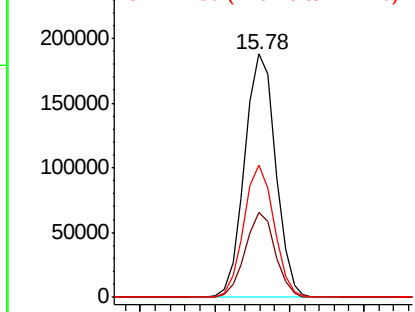


Abundance

Ion 204.00 (203.70 to 204.70): E

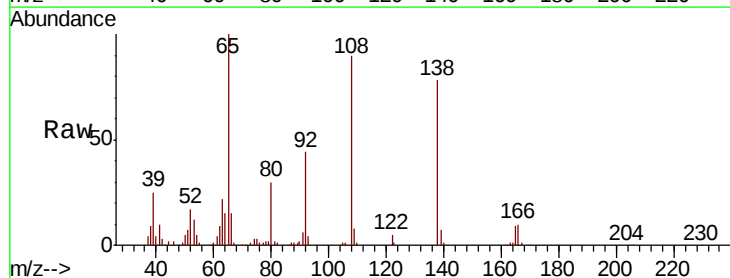
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 31.832 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	42.4	82.4
108	115.5	96.9	136.9

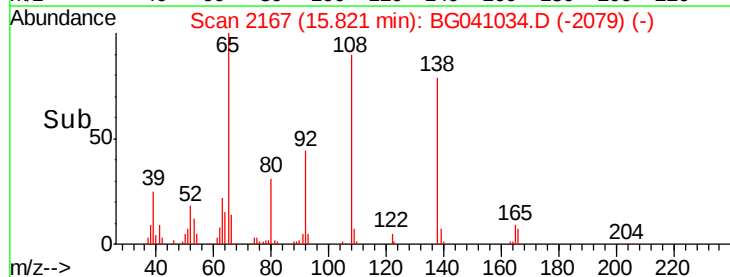
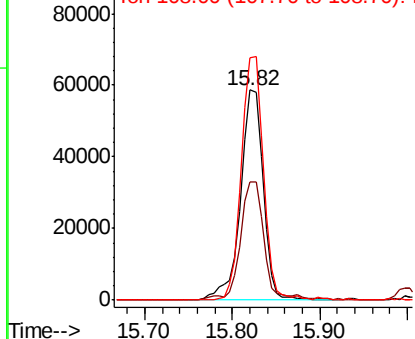


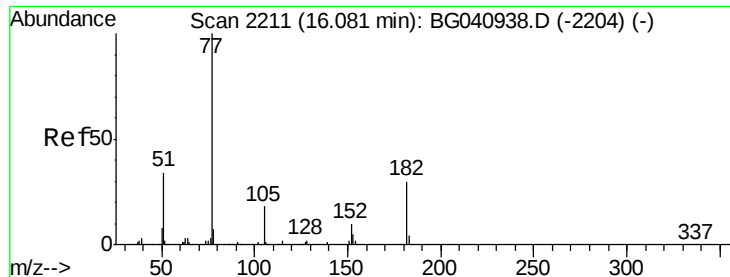
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 33.456 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 436057

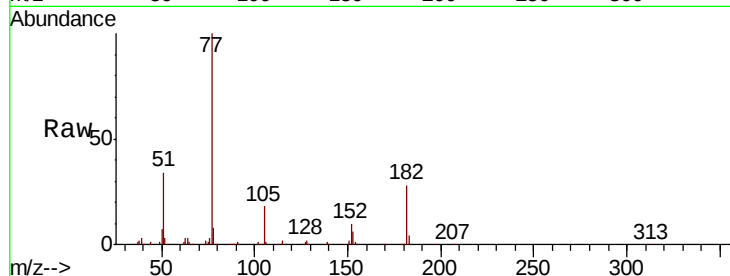
Ion Ratio Lower Upper

77 100

182 28.1 9.6 49.6

105 18.4 0.0 37.5

51 34.0 13.7 53.7

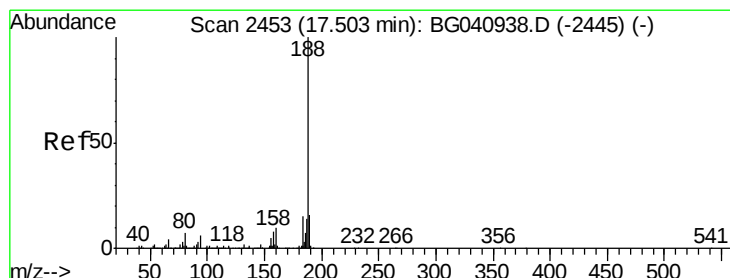
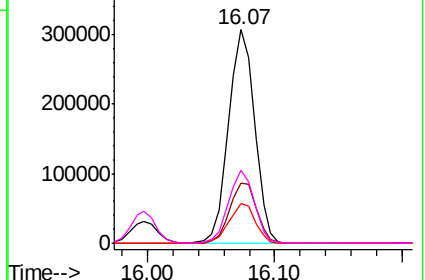
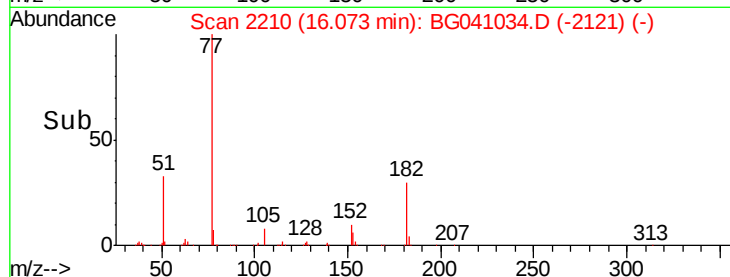


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

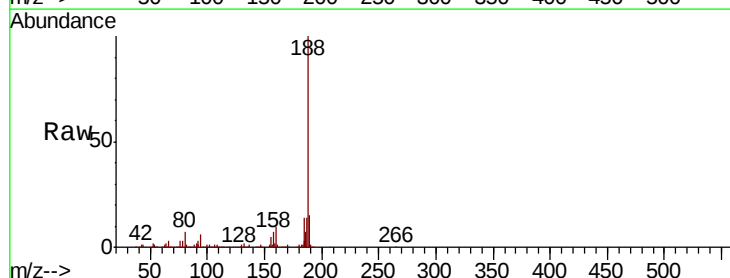
Tgt Ion: 188 Resp: 431508

Ion Ratio Lower Upper

188 100

94 5.9 4.7 7.1

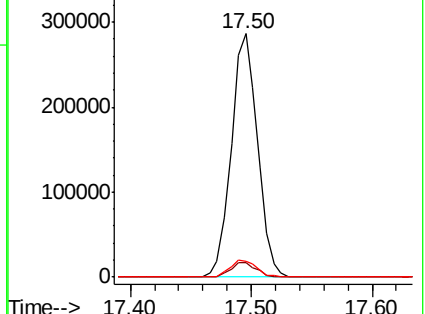
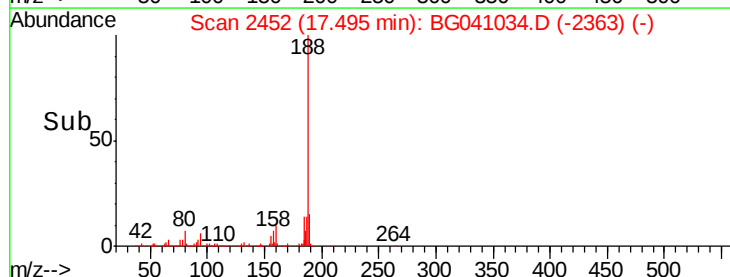
80 6.7 5.8 8.8

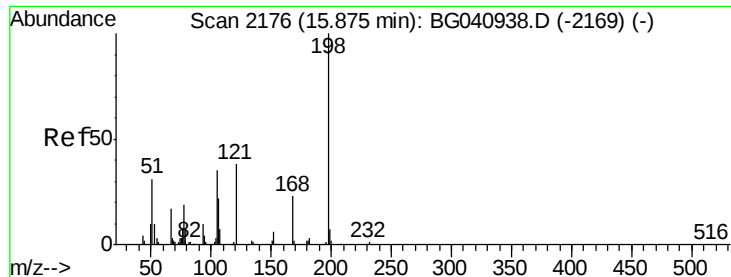


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 36.431 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

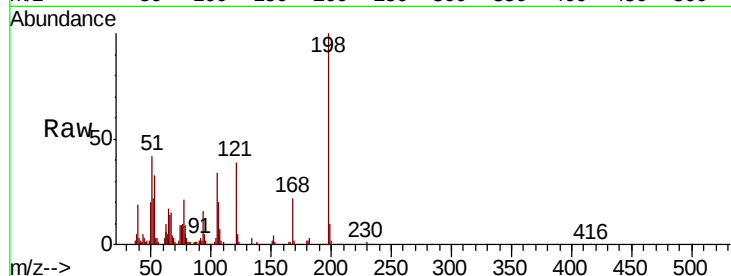
Tot Ion:198 Resp: 78408

Ion Ratio Lower Upper

198 100

51 42.5 21.6 61.6

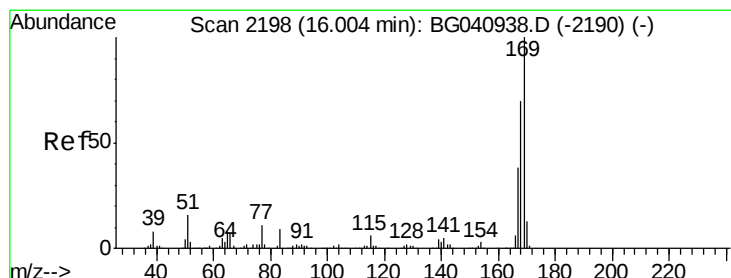
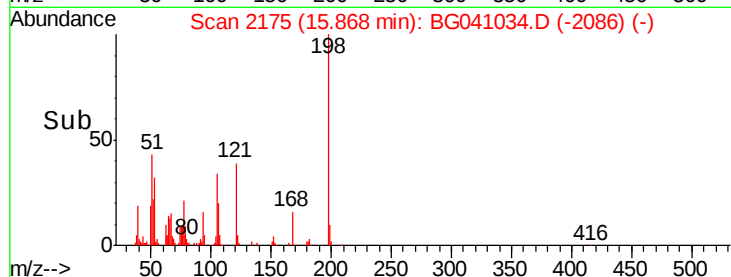
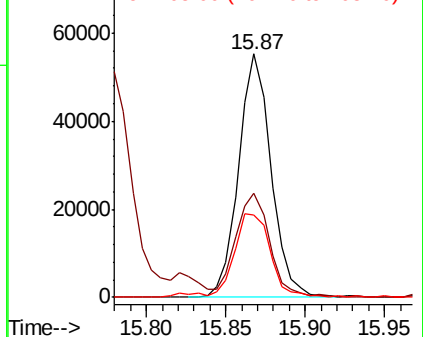
105 33.6 17.5 57.5



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: 32.533 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

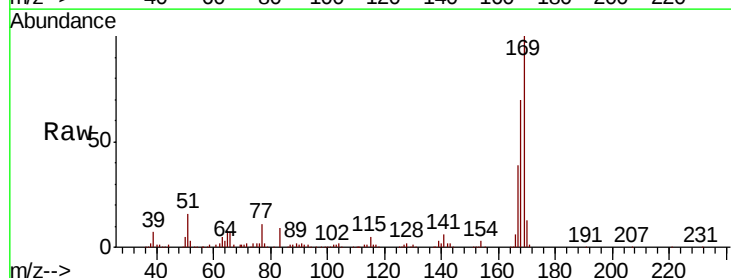
Tgt Ion:169 Resp: 394628

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

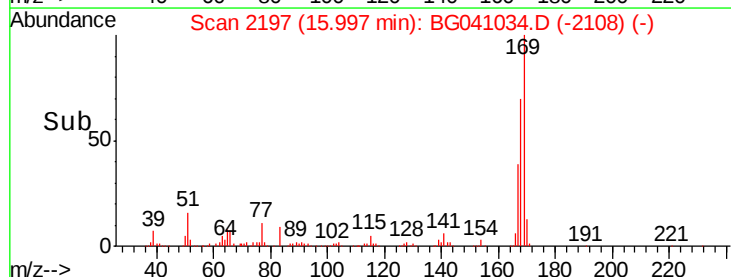
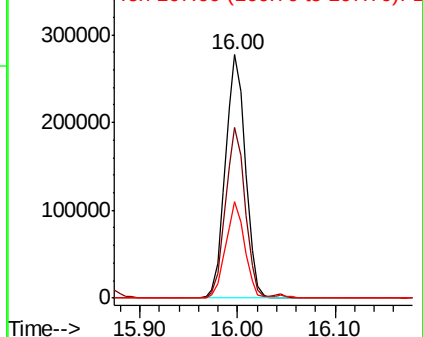
167 39.4 30.2 45.2

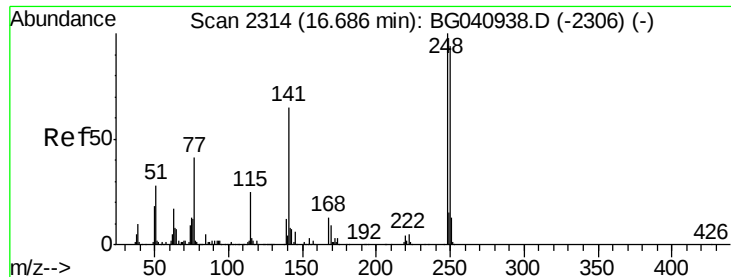


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

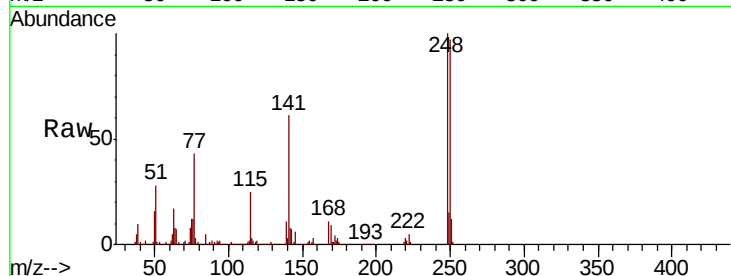




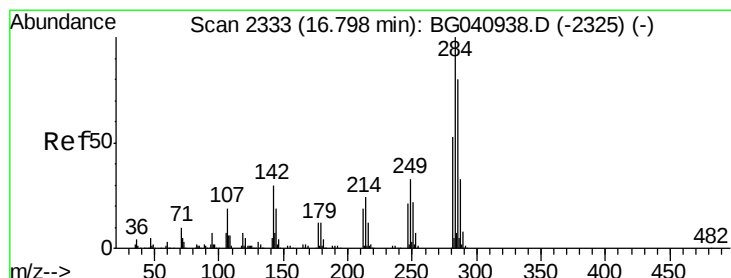
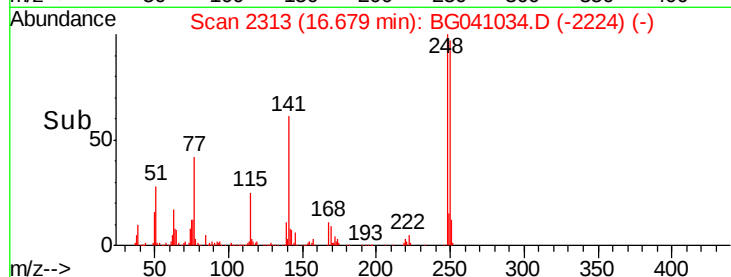
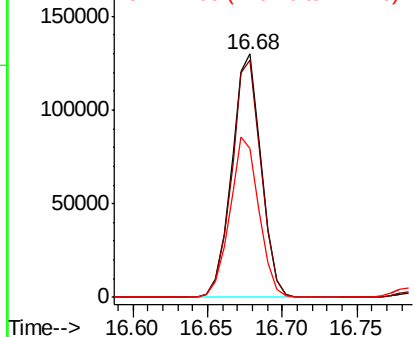
#67
4-Bromophenyl-phenylether
Concen: 30.658 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 178534
Ion Ratio Lower Upper
248 100
250 97.3 75.0 112.4
141 61.3 52.4 78.6

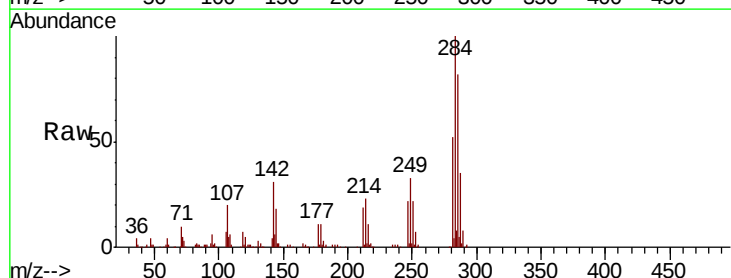


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

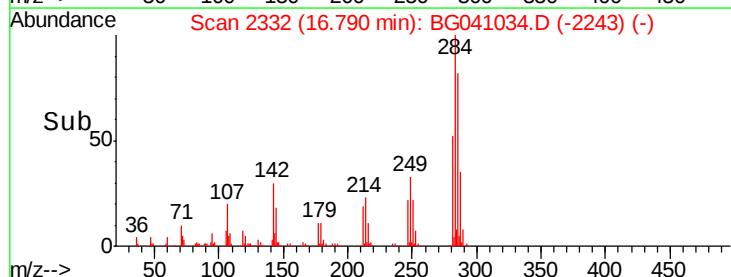
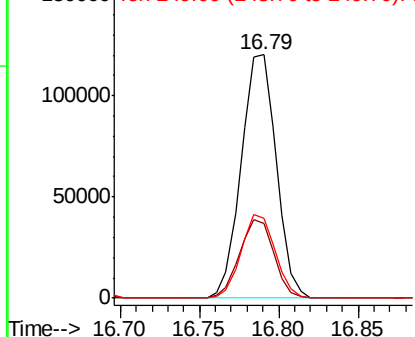


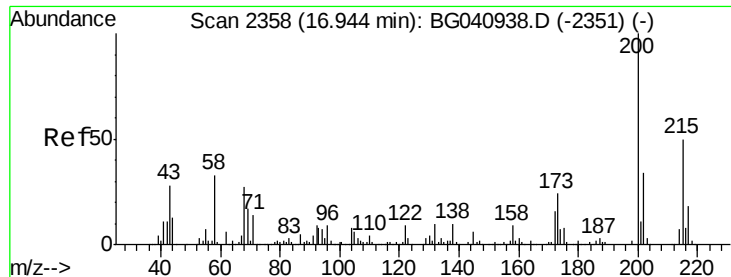
#68
Hexachlorobenzene
Concen: 29.765 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:284 Resp: 184569
Ion Ratio Lower Upper
284 100
142 30.6 23.9 35.9
249 33.0 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

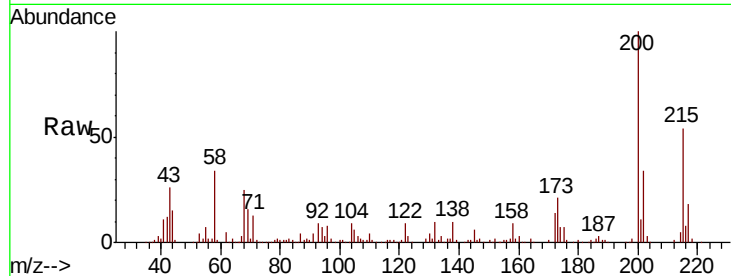




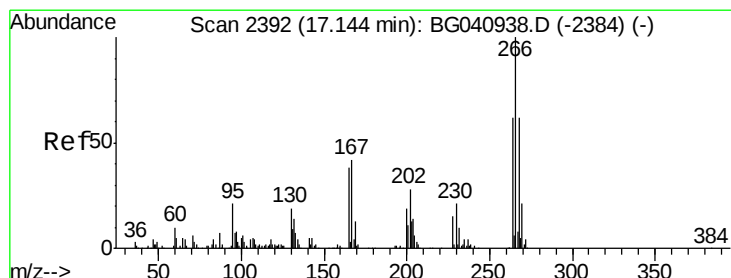
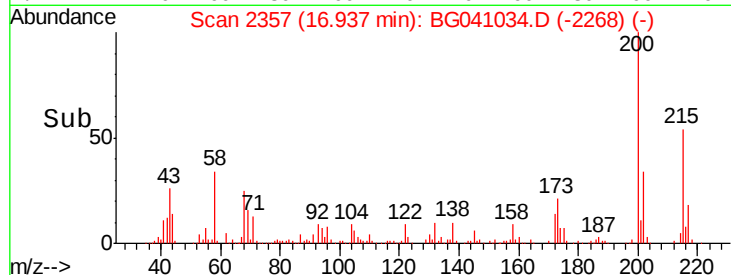
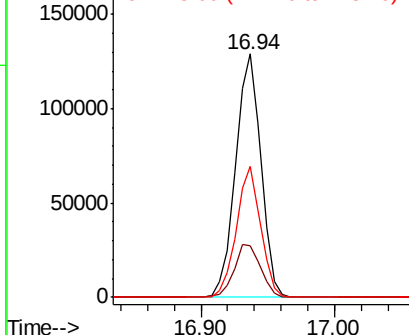
#69
Atrazine
Concen: 36.222 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 169536
Ion Ratio Lower Upper
200 100
173 21.2 3.6 43.6
215 53.8 29.6 69.6

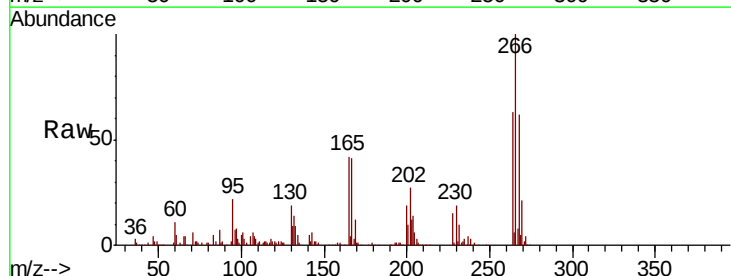


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

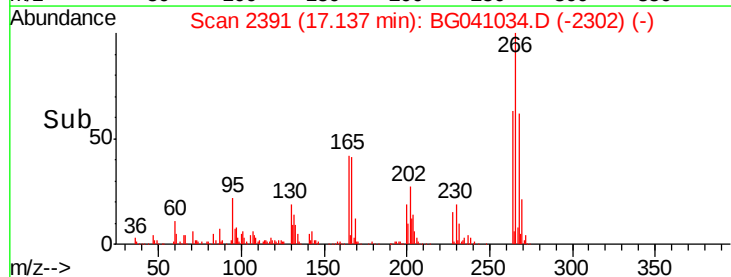
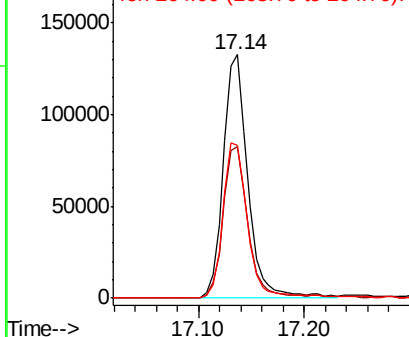


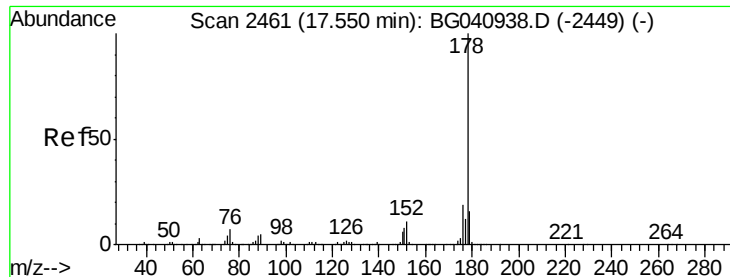
#70
Pentachlorophenol
Concen: 65.209 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:266 Resp: 213854
Ion Ratio Lower Upper
266 100
268 62.3 53.1 79.7
264 62.5 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: 33.343 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

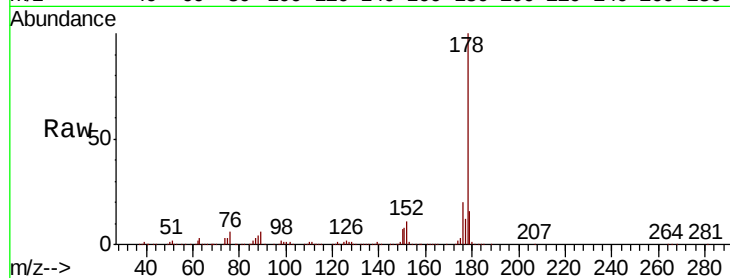
Tot Ion:178 Resp: 749431

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

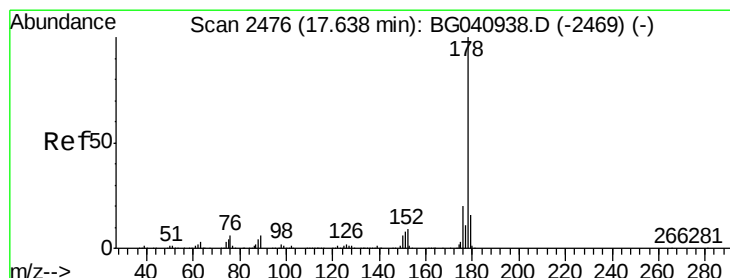
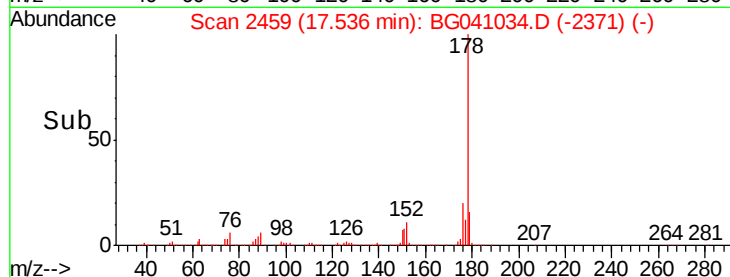
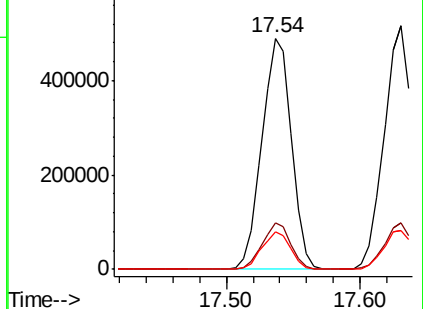
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.793 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

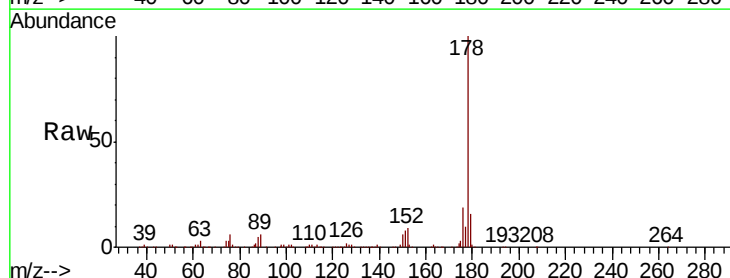
Tgt Ion:178 Resp: 771282

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

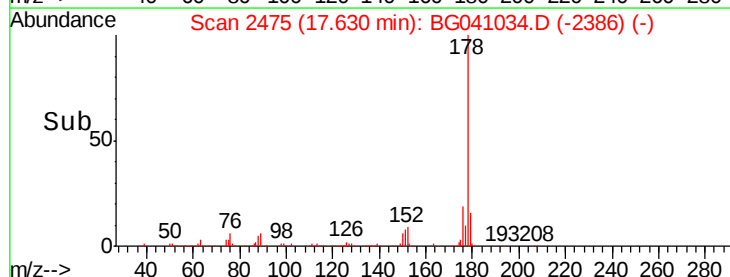
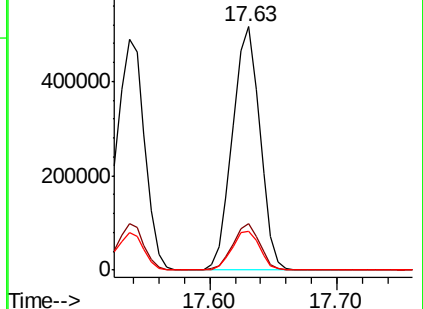
179 15.8 13.0 19.4

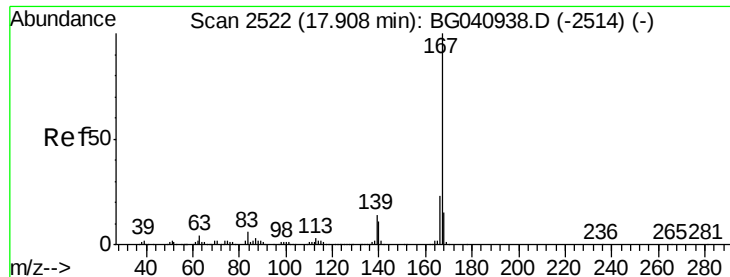


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

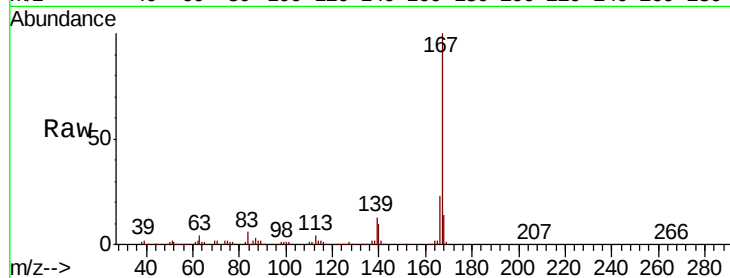




#73
 Carbazole
 Concen: 35.199 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.1	10.8	16.2

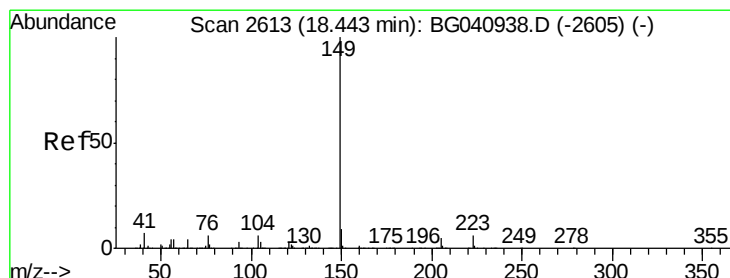
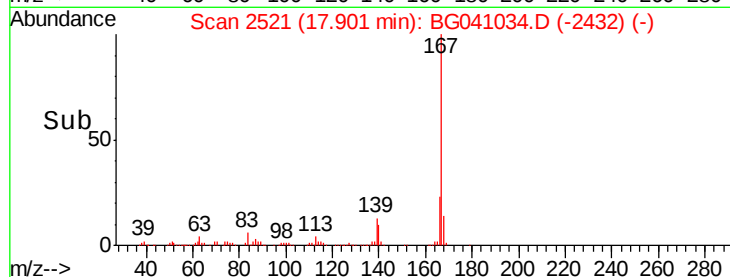
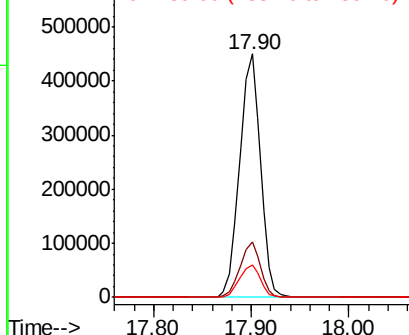


Abundance

Ion 167.00 (166.70 to 167.70): E

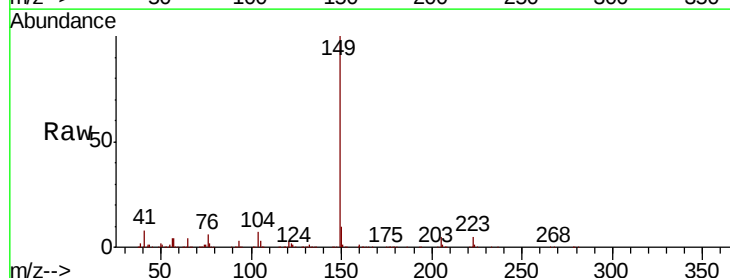
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 33.228 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG041034.D
 Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.8	5.0	7.4

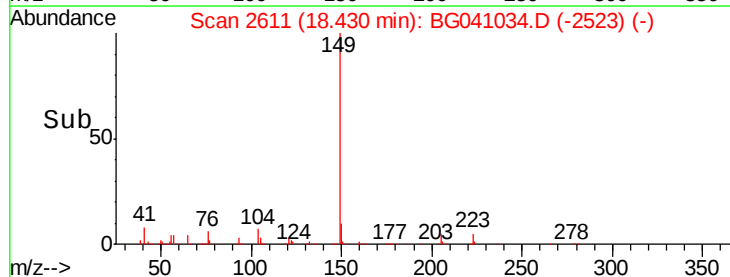
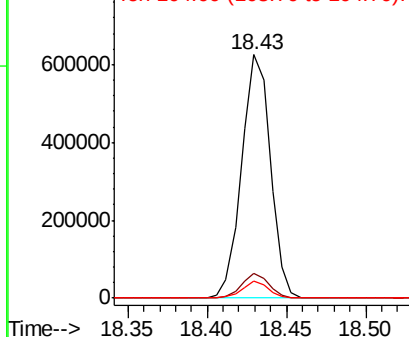


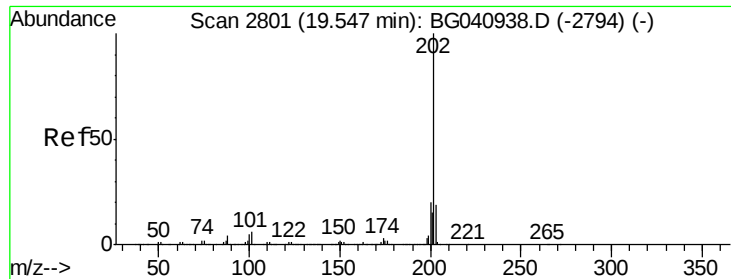
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.130 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

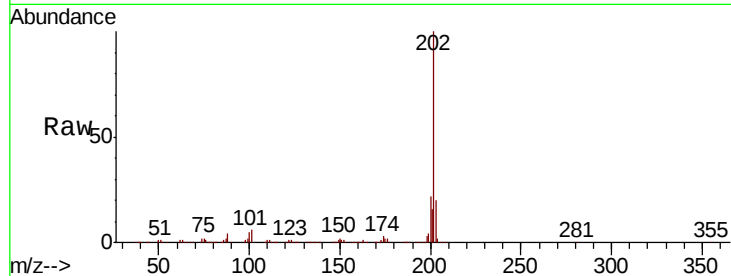
Tot Ion:202 Resp: 975289

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.2

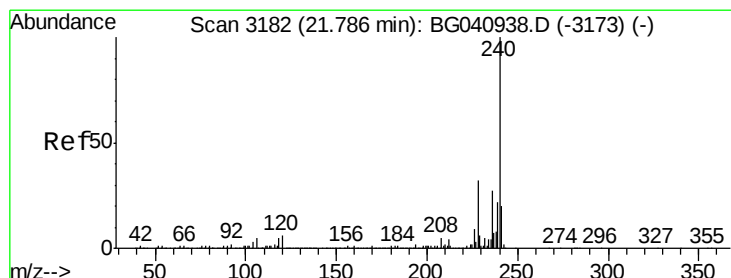
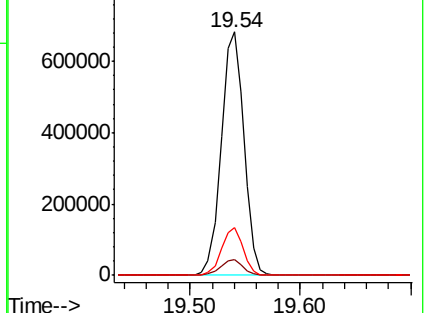
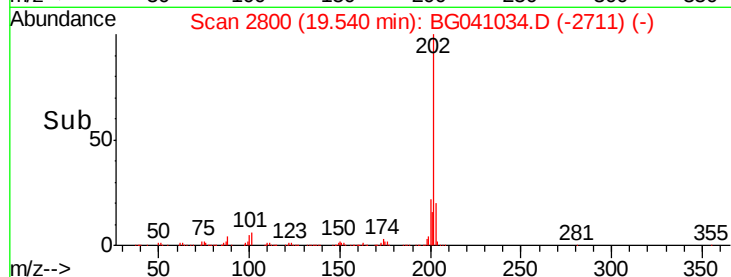
203 19.9 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

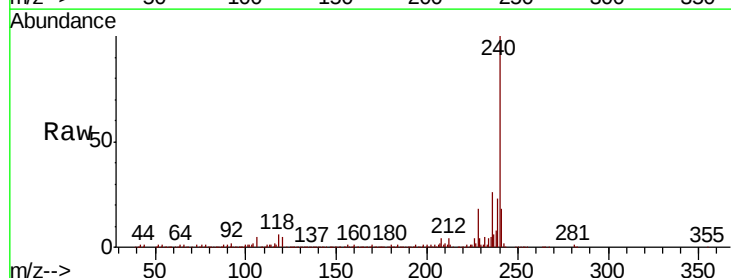
Tgt Ion:240 Resp: 435848

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

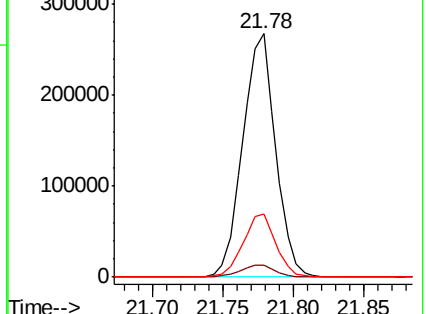
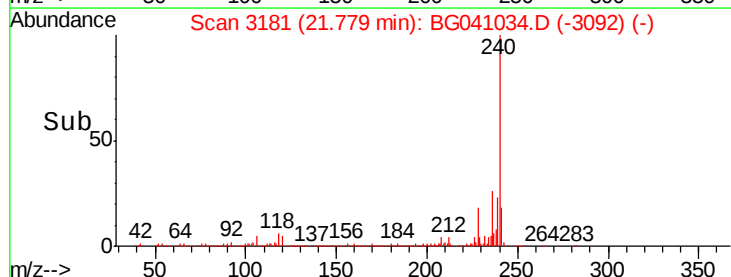
236 26.2 21.3 31.9

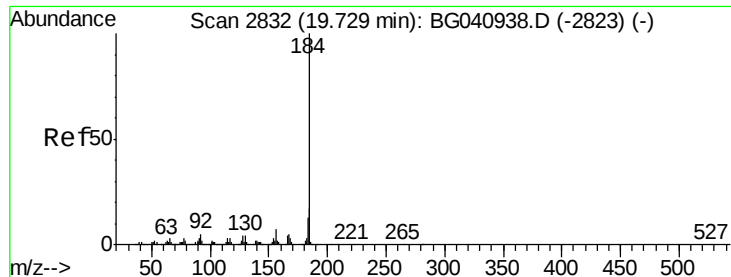


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.241 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

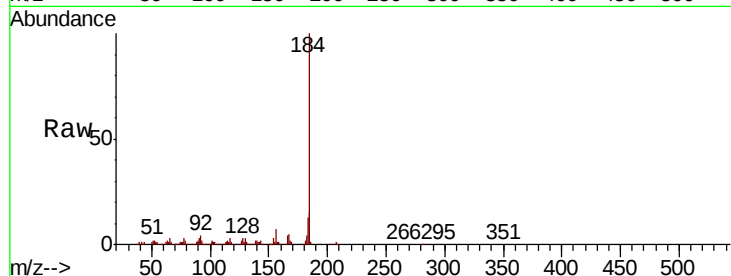
Tot Ion:184 Resp: 304028

Ion Ratio Lower Upper

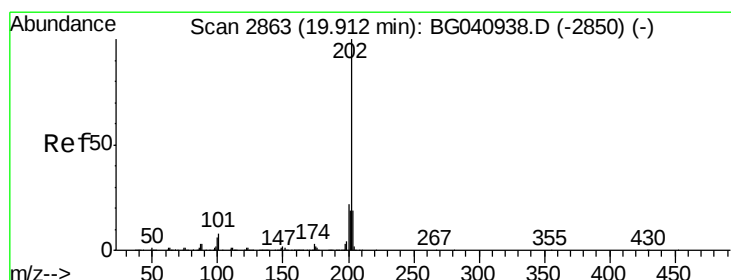
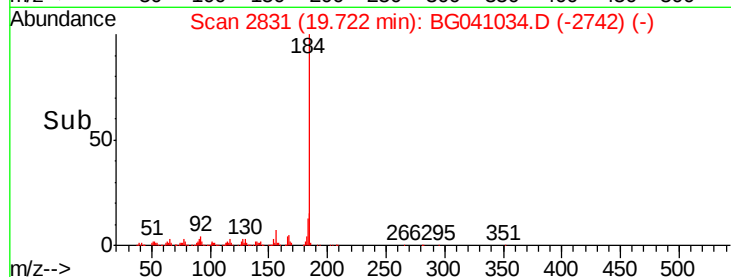
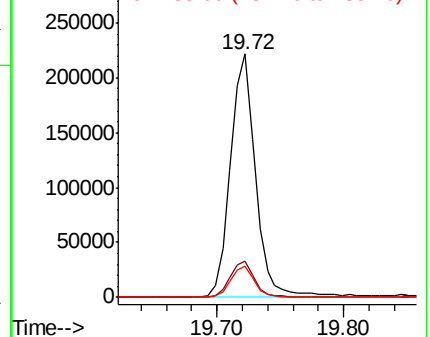
184 100

185 15.0 13.3 19.9

183 12.8 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: 34.794 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

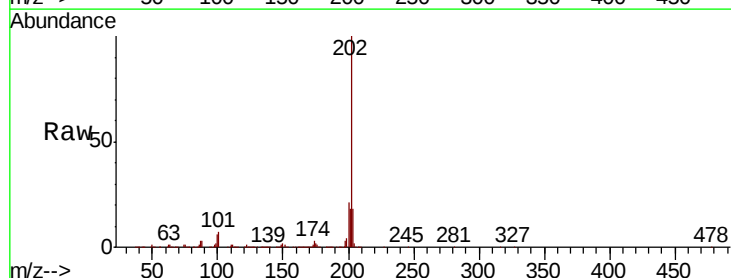
Tgt Ion:202 Resp: 985815

Ion Ratio Lower Upper

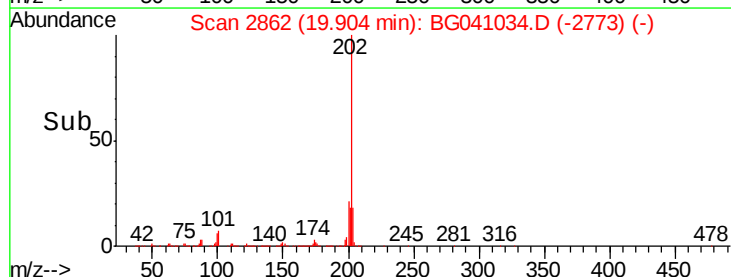
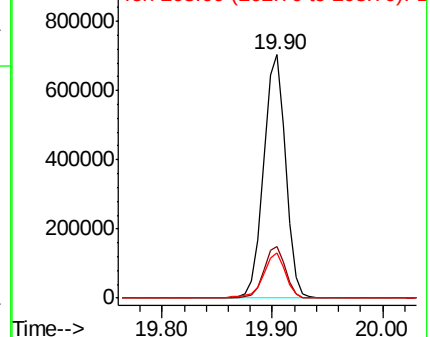
202 100

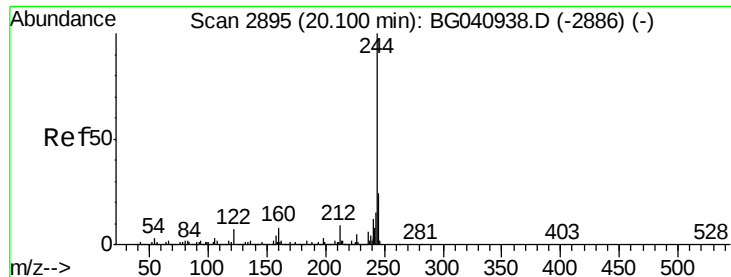
200 21.3 17.5 26.3

203 18.5 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: 69.648 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

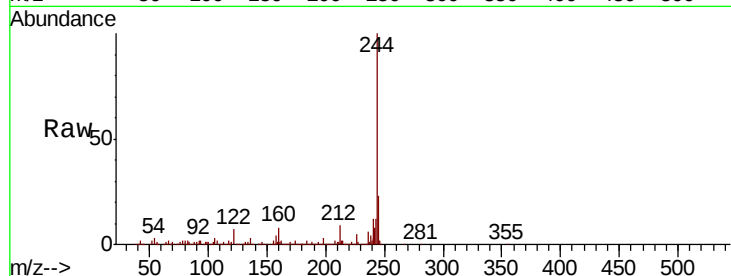
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1430308

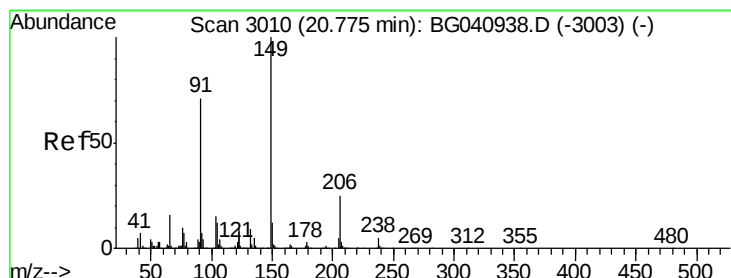
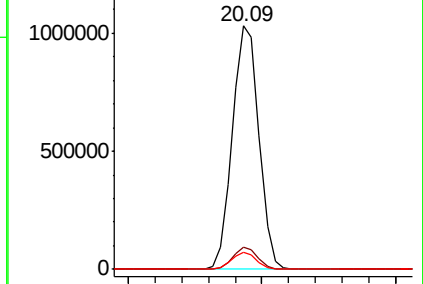
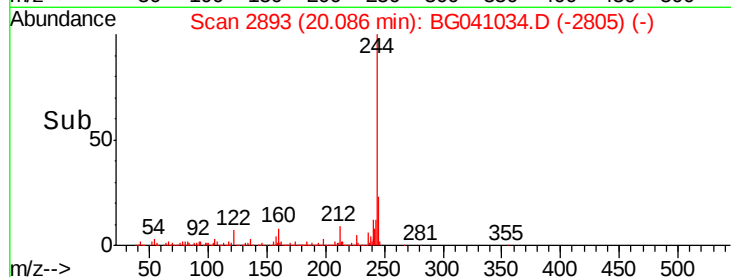
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	7.2	5.4	8.0



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: 33.550 ng

RT: 20.77 min Scan# 3009

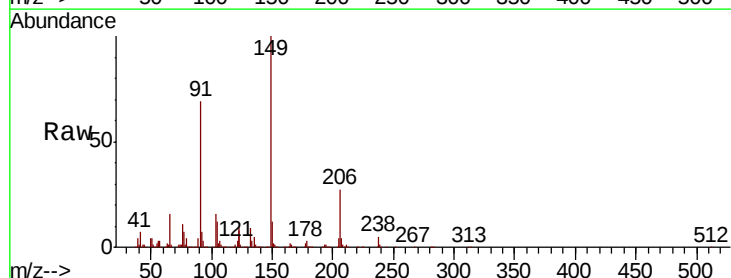
Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Tgt Ion:149 Resp: 369921

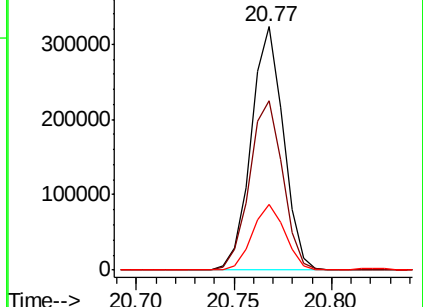
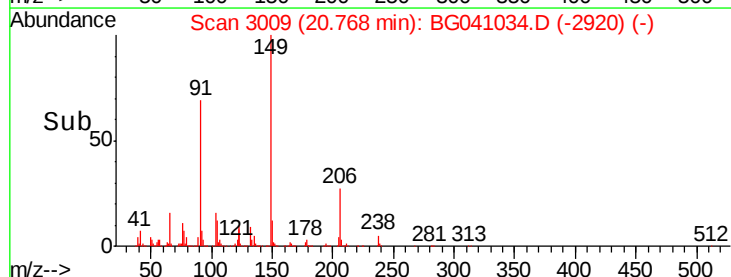
Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.5	84.7
206	26.9	20.3	30.5

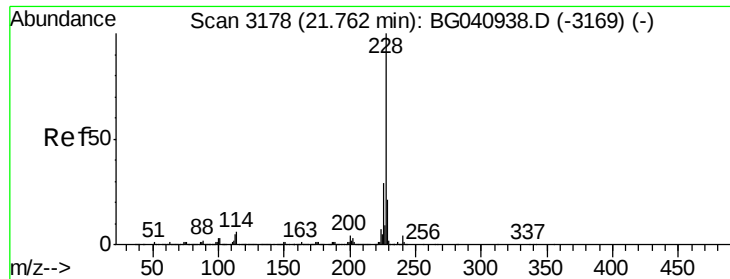


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.185 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

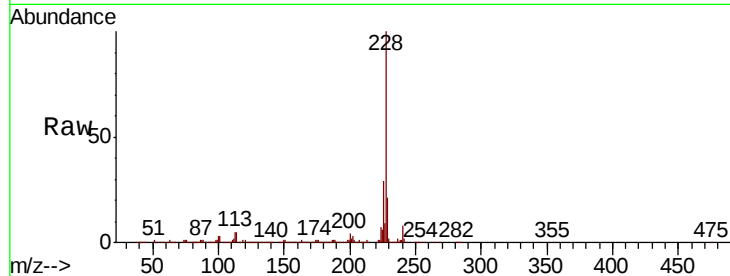
Tot Ion:228 Resp: 962796

Ion Ratio Lower Upper

228 100

226 28.5 23.5 35.3

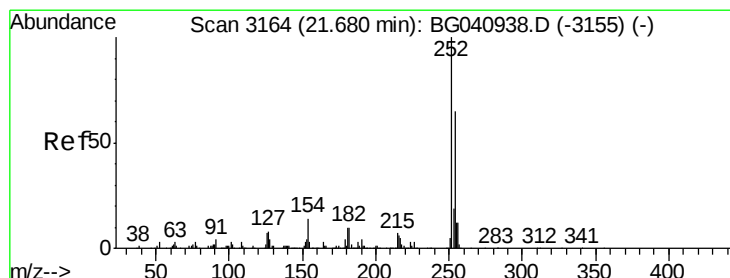
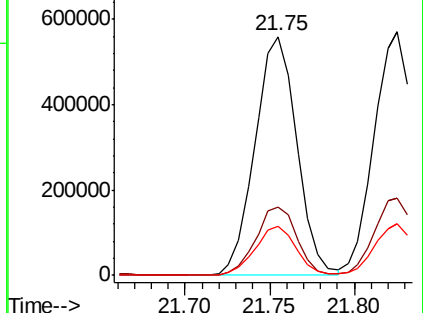
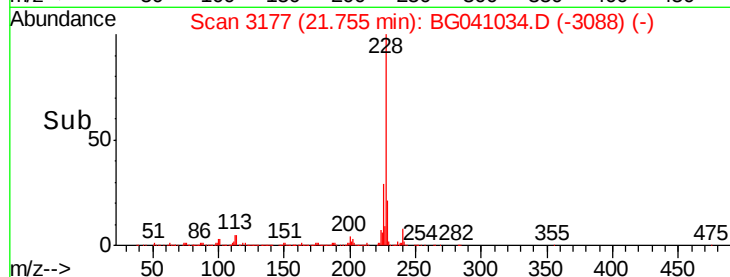
229 20.8 16.7 25.1



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: 23.366 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

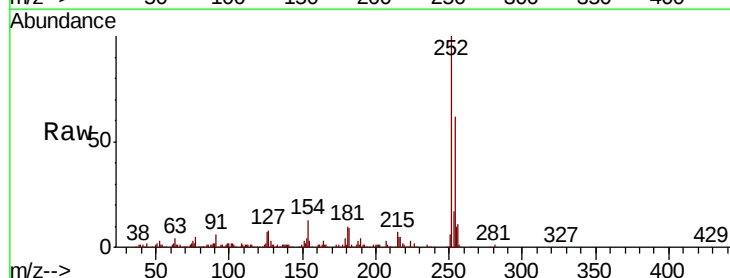
Tgt Ion:252 Resp: 238437

Ion Ratio Lower Upper

252 100

254 61.8 52.1 78.1

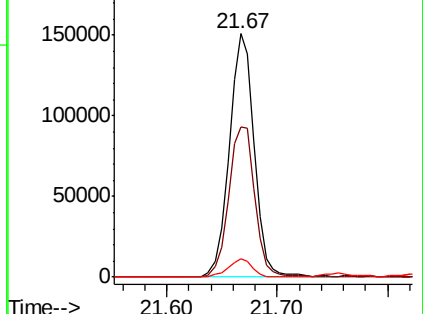
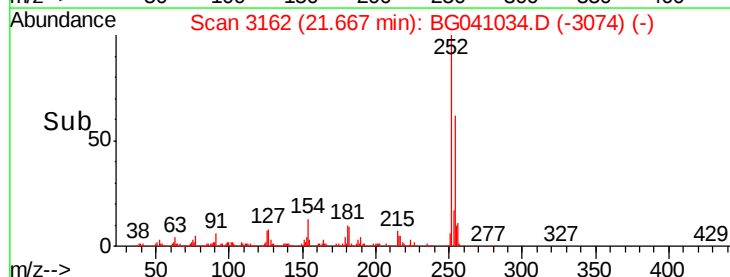
126 7.4 5.5 8.3

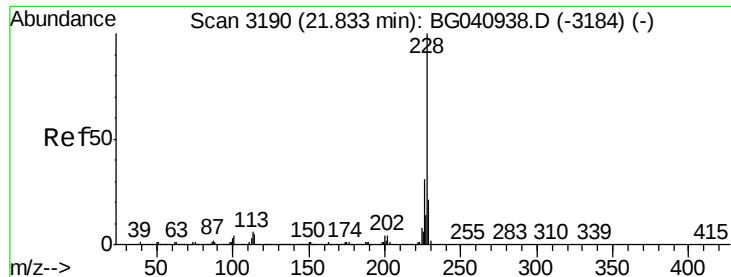


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.816 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

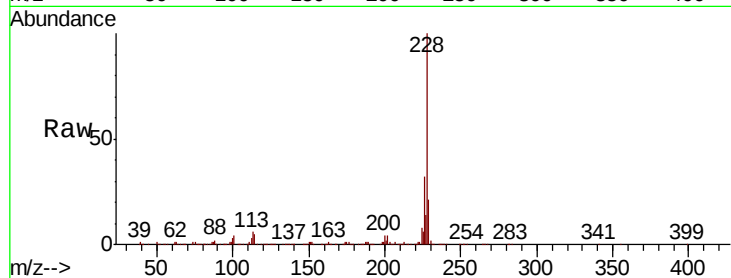
Tot Ion:228 Resp: 938868

Ion Ratio Lower Upper

228 100

226 31.7 24.6 37.0

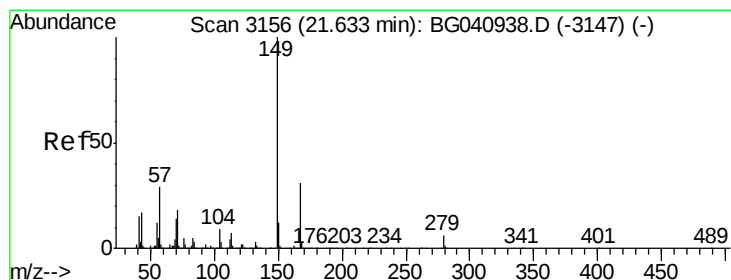
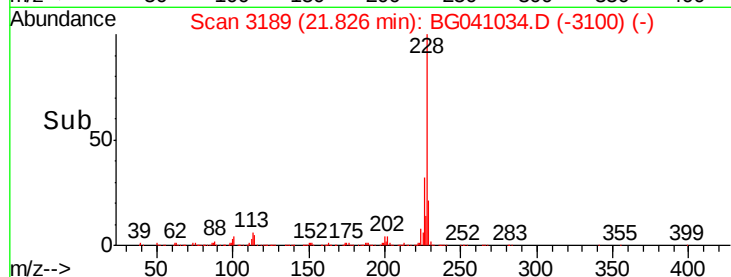
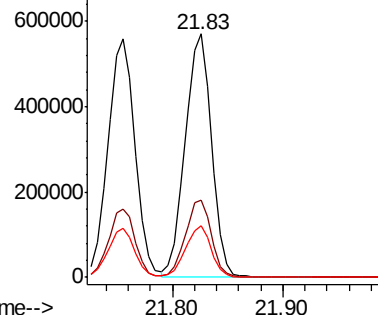
229 21.2 16.6 24.8



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: 32.576 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

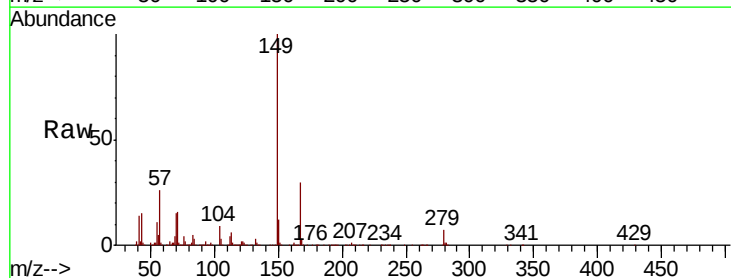
Tgt Ion:149 Resp: 505626

Ion Ratio Lower Upper

149 100

167 29.6 24.6 37.0

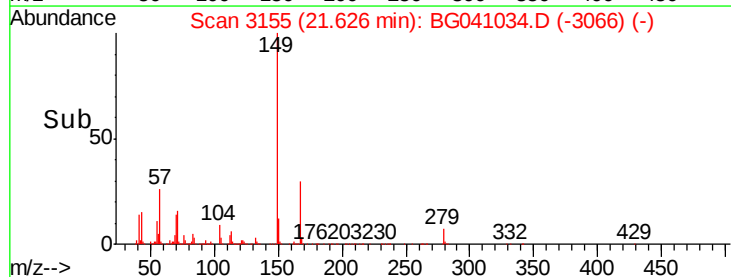
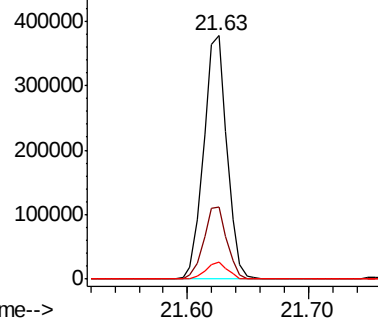
279 7.0 5.0 7.6

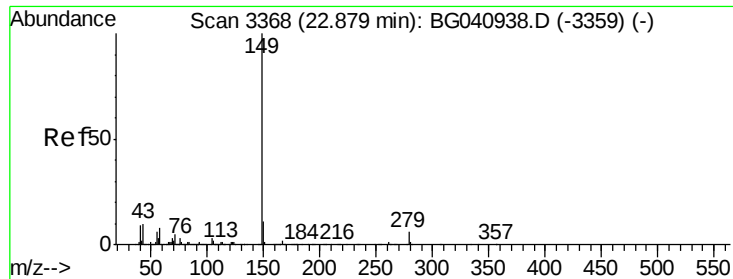


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.437 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

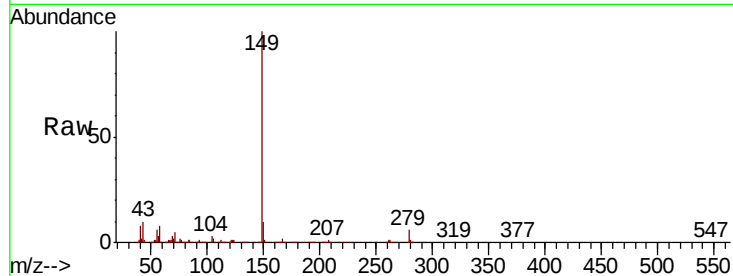
Tot Ion:149 Resp: 864348

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

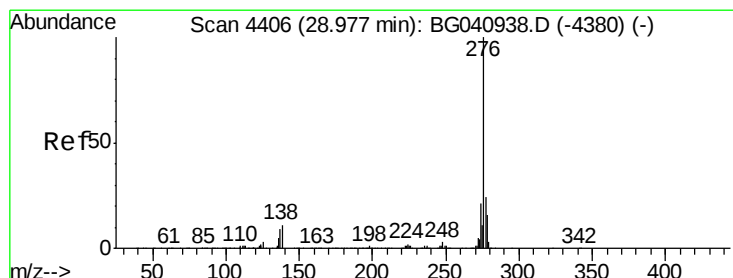
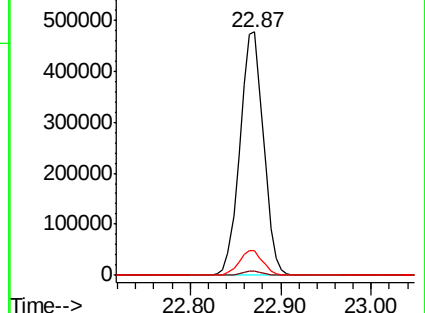
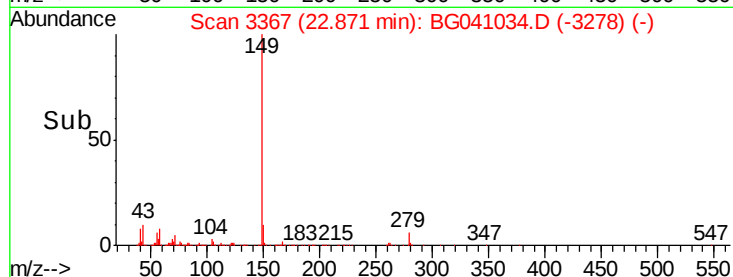
43 10.2 8.1 12.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.314 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.02 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

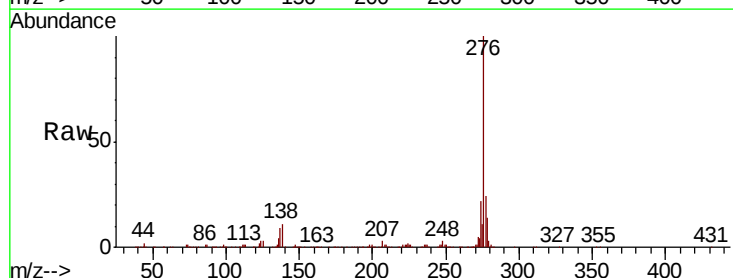
Tgt Ion:276 Resp: 1099026

Ion Ratio Lower Upper

276 100

138 8.9 5.7 8.5#

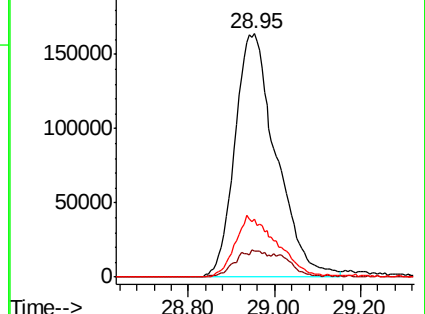
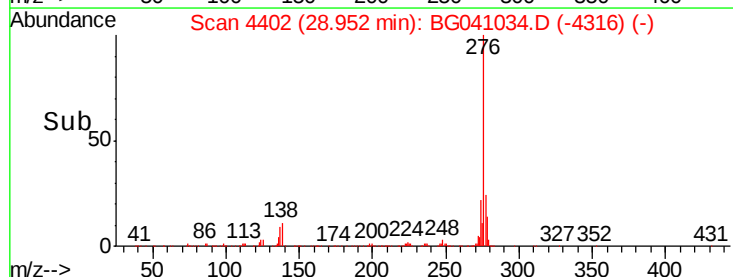
277 25.4 20.8 31.2

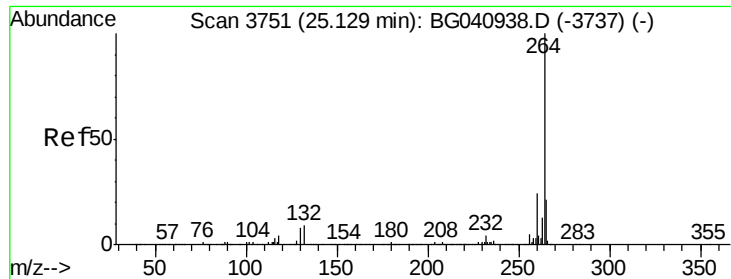


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

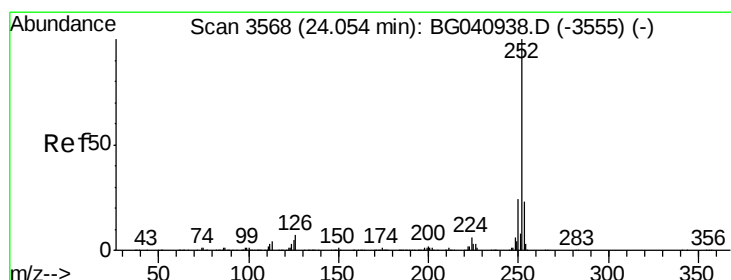
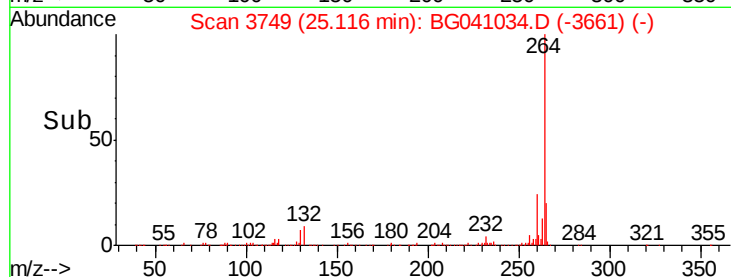
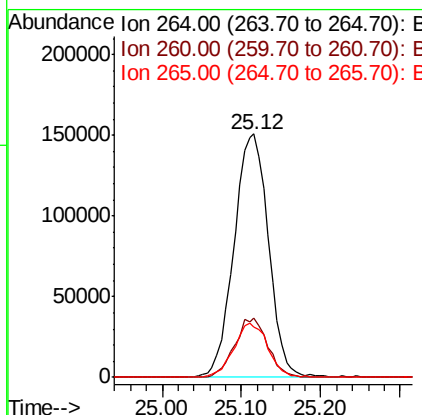
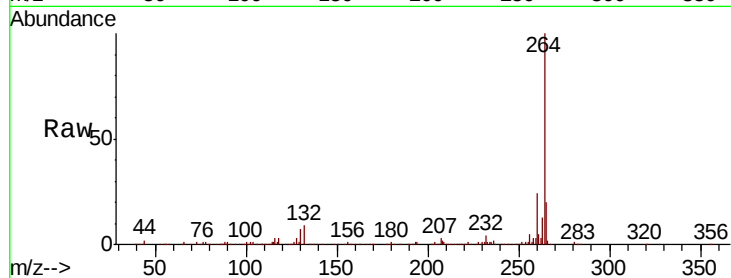




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

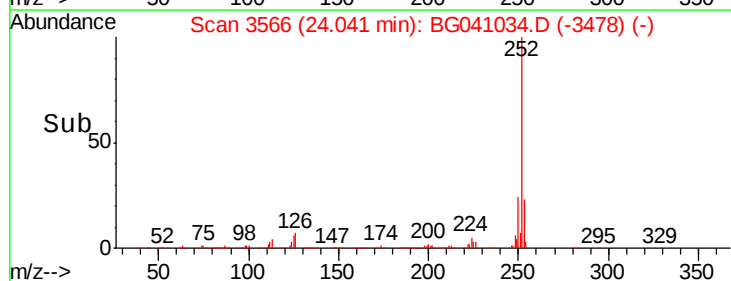
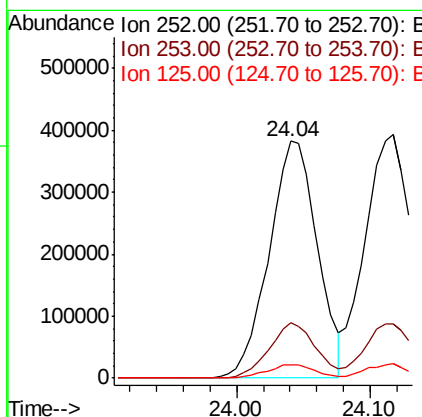
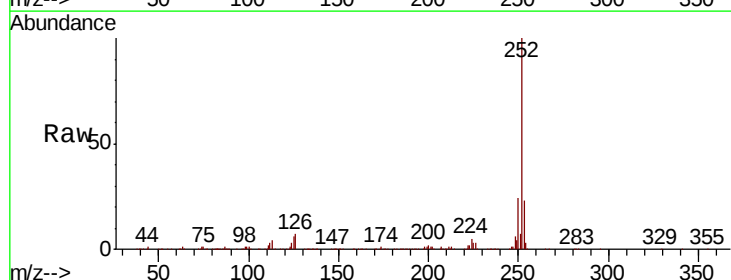
Instrument :
BNA_G
ClientSampleId :

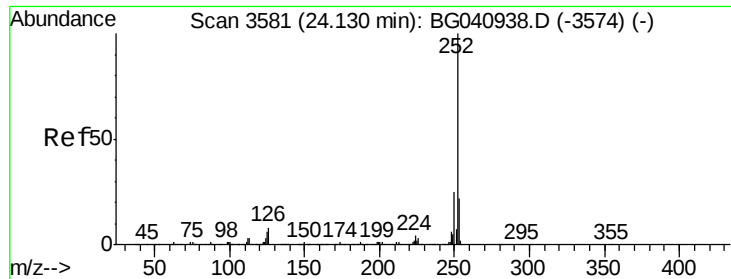
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	20.4	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 34.887 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.5	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 35.170 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

Instrument :

BNA_G

ClientSampleId :

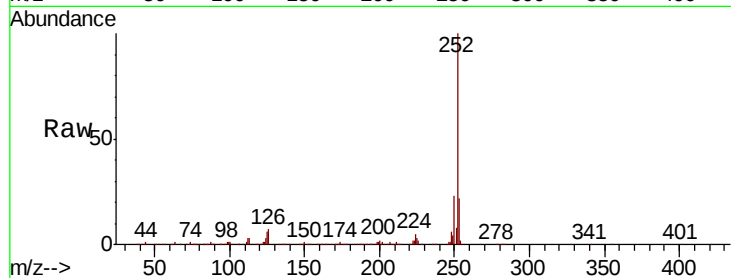
Tot Ion:252 Resp: 957818

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

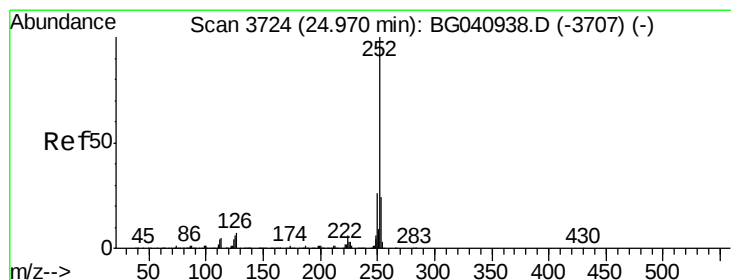
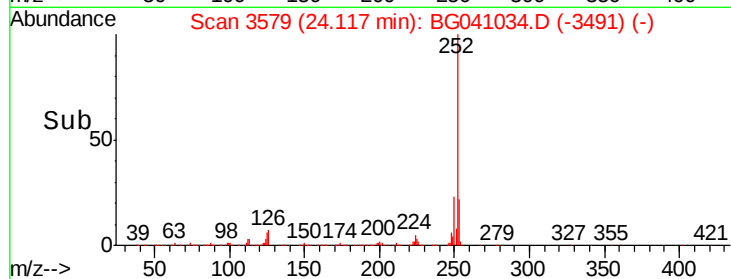
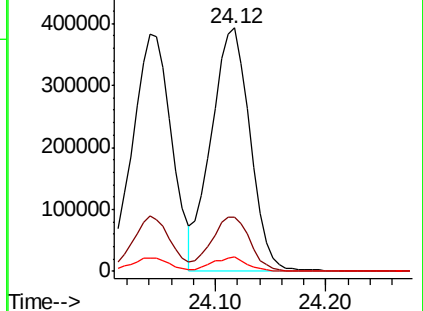
125 5.9 4.7 7.1



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



#90

Benzo(a)pyrene

Concen: 36.145 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041034.D

Acq: 3 Jun 2019 14:59

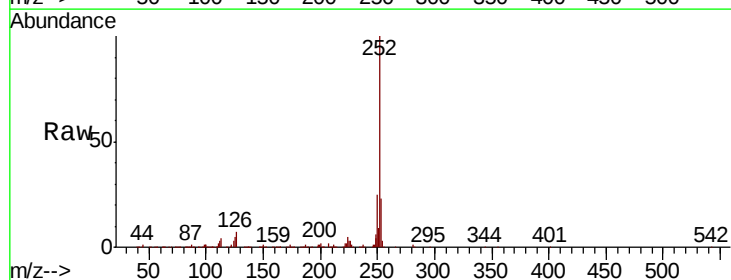
Tgt Ion:252 Resp: 949051

Ion Ratio Lower Upper

252 100

253 22.7 19.5 29.3

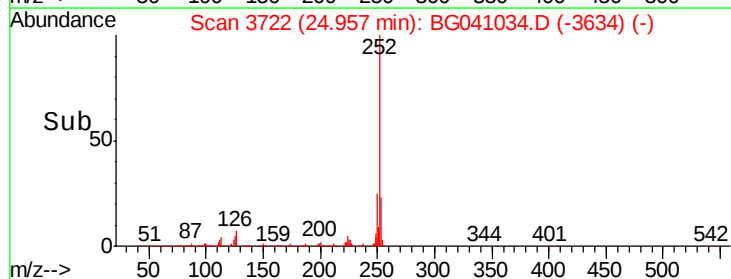
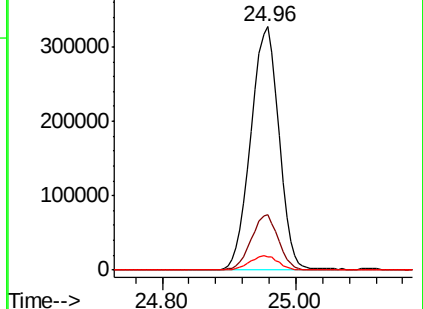
125 5.3 5.1 7.7

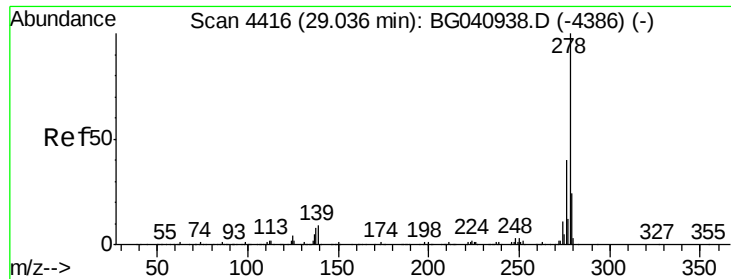


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

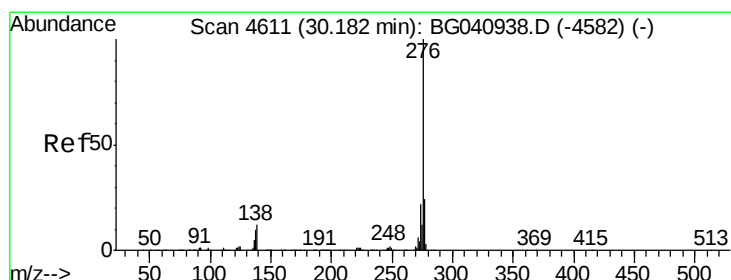
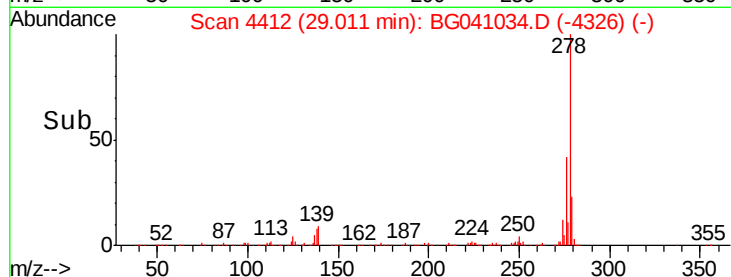
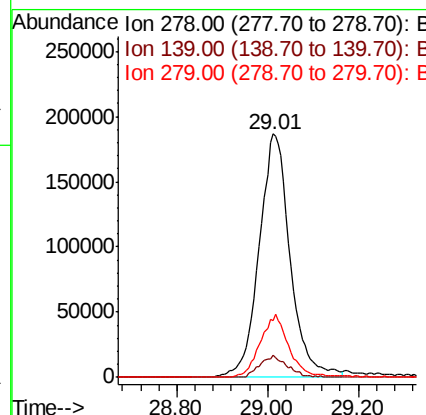
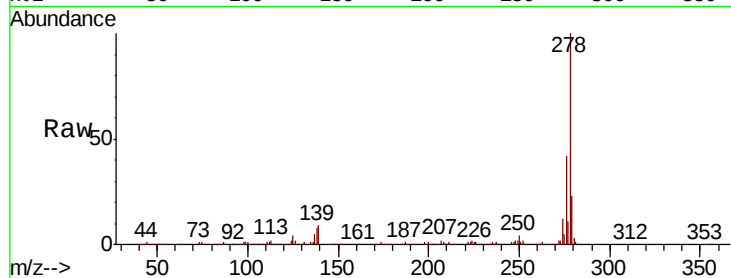




#91
Dibenzo(a,h)anthracene
Concen: 33.838 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.02 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 887789
Ion Ratio Lower Upper
278 100
139 9.4 7.1 10.7
279 23.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 35.140 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG041034.D
Acq: 3 Jun 2019 14:59

Tgt Ion:276 Resp: 895684
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 10.4 9.7 14.5

