

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041191.D
 Acq On : 11 Jun 2019 16:05
 Operator : HP/JU
 Sample : IDOC-BS-W04-RC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:56:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34355	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	135992	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	107726	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	271326	20.00	ng	0.00
76) Chrysene-d12	21.76	240	270715	20.00	ng	0.00
87) Perylene-d12	25.09	264	277140	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	259972	136.45	ng	0.00
7) Phenol-d6	7.25	99	371410	126.23	ng	0.00
23) Nitrobenzene-d5	9.28	82	261003	85.20	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	223869	139.98	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	644544	86.16	ng	0.00
79) Terphenyl-d14	20.08	244	1180153	92.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	31805	36.788	ng	# 91
3) Pyridine	3.91	79	87662	34.267	ng	97
4) n-Nitrosodimethylamine	3.83	42	49743	41.897	ng	# 89
6) Aniline	7.43	93	98285	25.025	ng	95
8) 2-Chlorophenol	7.66	128	105297	46.358	ng	95
9) Benzaldehyde	7.24	77	29426	16.765	ng	86
10) Phenol	7.28	94	146061	46.297	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	95398	41.682	ng	98
12) 1,3-Dichlorobenzene	7.99	146	111265	41.014	ng	94
13) 1,4-Dichlorobenzene	8.14	146	113905	41.480	ng	97
14) 1,2-Dichlorobenzene	8.46	146	111280	41.737	ng	97
15) Benzyl Alcohol	8.34	79	116695	42.874	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	143909	38.480	ng	99
17) 2-Methylphenol	8.54	107	101049	44.237	ng	97
18) Hexachloroethane	9.19	117	43908	41.487	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	88839	39.234	ng	97
20) 3+4-Methylphenols	8.87	107	137608	43.490	ng	98
22) Acetophenone	8.94	105	174745	45.807	ng	# 97
24) Nitrobenzene	9.33	77	144837	46.396	ng	98
25) Isophorone	9.84	82	254551	43.664	ng	98
26) 2-Nitrophenol	10.03	139	65750	51.089	ng	92
27) 2,4-Dimethylphenol	10.08	122	112805	53.072	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	133138	42.314	ng	99
29) 2,4-Dichlorophenol	10.57	162	133248	49.367	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	138821	45.211	ng	97
31) Naphthalene	10.98	128	346347	47.435	ng	99
32) Benzoic acid	10.23	122	70102	43.362	ng	98
33) 4-Chloroaniline	11.09	127	73427	21.674	ng	94
34) Hexachlorobutadiene	11.24	225	100484	42.770	ng	99
35) Caprolactam	11.88	113	40318	45.234	ng	97
36) 4-Chloro-3-methylphenol	12.20	107	151509	49.150	ng	99
37) 2-Methylnaphthalene	12.57	142	270342	48.074	ng	99
38) 1-Methylnaphthalene	12.57	142	270342	51.015	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	197722	45.538	ng	99

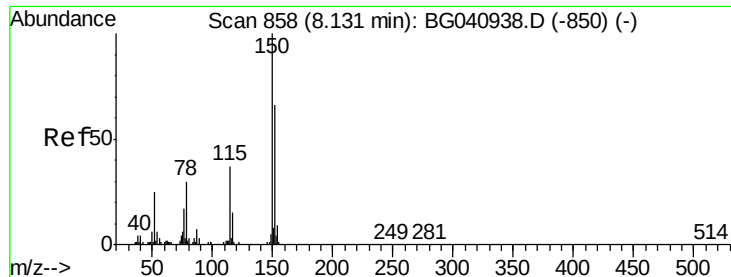
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041191.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	215256	90.968	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	129397	46.068	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	140078	47.287	nq	96
46) 1,1'-Biphenyl	13.57	154	367520	46.089	nq	99
47) 2-Chloronaphthalene	13.62	162	311524	45.507	nq	99
48) 2-Nitroaniline	13.83	65	108999	44.383	nq	98
49) Acenaphthylene	14.46	152	482489	46.830	nq	99
50) Dimethylphthalate	14.19	163	397279	43.566	nq	100
51) 2,6-Dinitrotoluene	14.32	165	91608	46.593	nq	96
52) Acenaphthene	14.80	154	281771	45.144	nq	95
53) 3-Nitroaniline	14.65	138	63385	32.239	nq	95
54) 2,4-Dinitrophenol	14.86	184	94680	88.384	nq	98
55) Dibenzofuran	15.13	168	496112	47.238	nq	97
56) 4-Nitrophenol	14.95	139	127657	94.662	nq	94
57) 2,4-Dinitrotoluene	15.10	165	128026	46.097	nq	# 98
58) Fluorene	15.78	166	387852	46.372	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	143538	49.305	nq	98
60) Diethylphthalate	15.54	149	411129	44.178	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	249343	45.865	nq	94
62) 4-Nitroaniline	15.82	138	88334	42.439	nq	95
63) Azobenzene	16.06	77	386822	45.733	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	73626	50.167	nq	99
66) n-Nitrosodiphenylamine	15.99	169	352298	46.189	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	165687	45.249	nq	99
68) Hexachlorobenzene	16.77	284	168092	43.111	nq	99
69) Atrazine	16.93	200	145747	49.523	nq	98
70) Pentachlorophenol	17.13	266	192930	91.709	nq	97
71) Phenanthrene	17.53	178	663084	46.918	nq	98
72) Anthracene	17.62	178	674709	48.405	nq	98
73) Carbazole	17.89	167	573897	47.984	nq	98
74) Di-n-butylphthalate	18.42	149	686055	46.152	nq	99
75) Fluoranthene	19.53	202	851054	48.753	nq	100
77) Benzidine	19.71	184	269025	41.658	nq	97
78) Pyrene	19.89	202	846609	48.107	nq	99
80) Butylbenzylphthalate	20.76	149	314794	45.965	nq	96
81) Benzo(a)anthracene	21.74	228	809718	44.933	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	203361	32.085	nq	97
83) Chrysene	21.81	228	803697	46.605	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	436965	45.325	nq	99
85) Di-n-octyl phthalate	22.84	149	744260	46.354	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	775190	36.696	nq	# 70
88) Benzo(b)fluoranthene	24.02	252	788663	46.918	nq	99
89) Benzo(k)fluoranthene	24.09	252	803530	48.306	nq	98
90) Benzo(a)pyrene	24.93	252	779299	48.592	nq	97
91) Dibenzo(a,h)anthracene	28.96	278	645858	40.304	nq	95
92) Benzo(g,h,i)perylene	30.12	276	550344	35.350	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

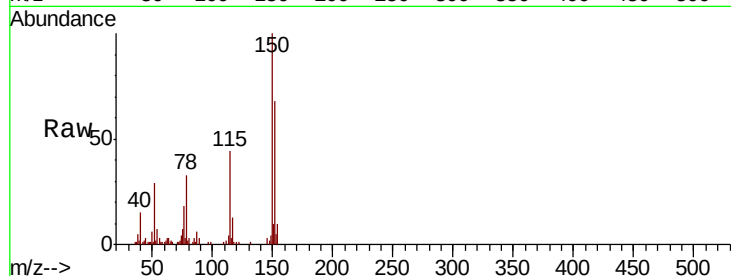
Tot Ion:152 Resp: 34355

Ion Ratio Lower Upper

152 100

150 146.7 120.6 180.8

115 64.1 45.1 67.7

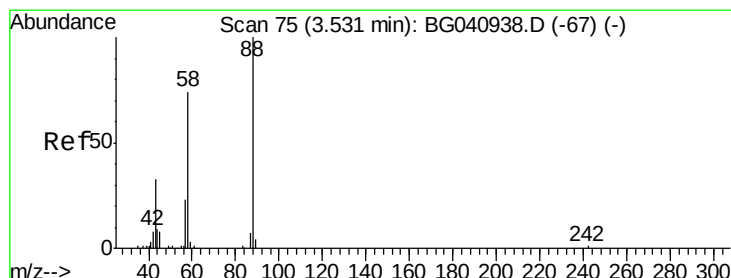
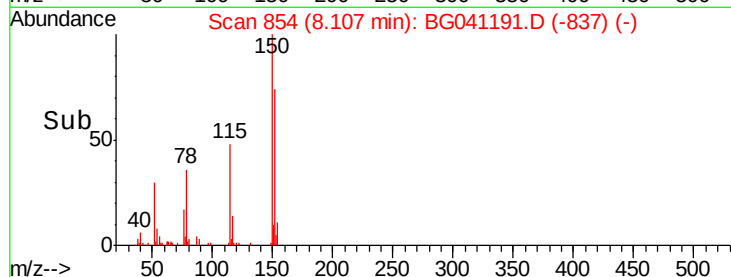
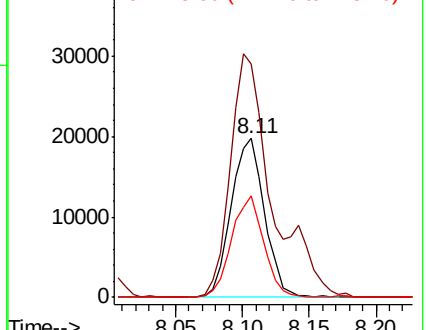


Abundance

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: 36.788 ng

RT: 3.49 min Scan# 69

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

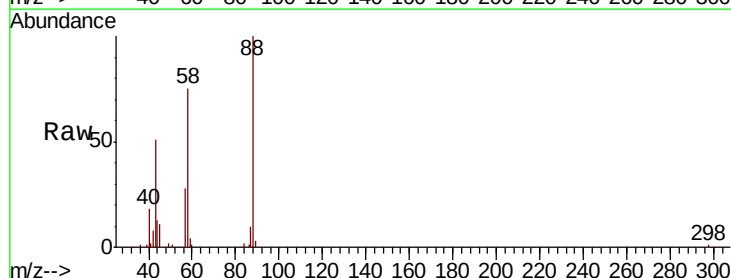
Tgt Ion: 88 Resp: 31805

Ion Ratio Lower Upper

88 100

58 77.8 59.0 88.6

43 44.4 27.2 40.8#

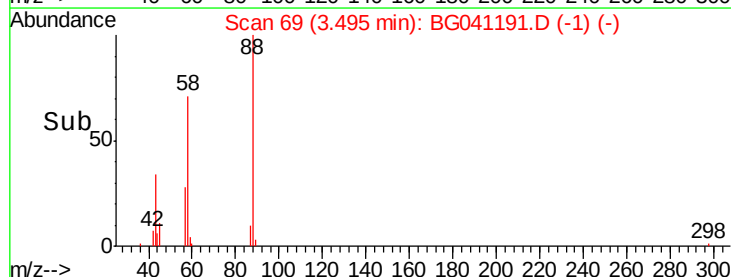
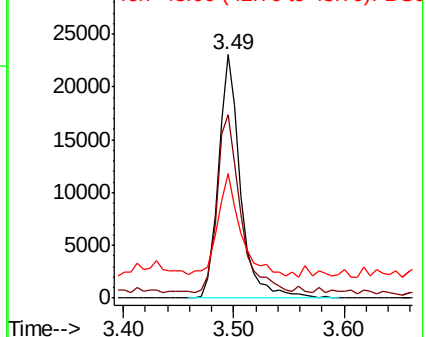


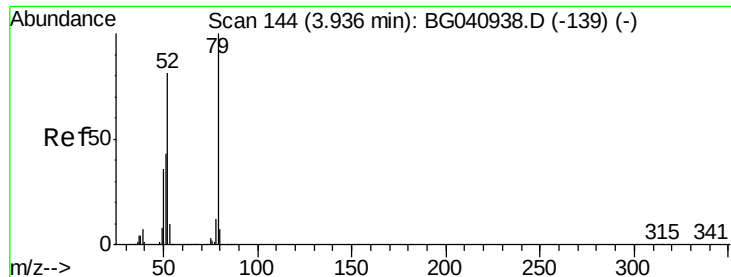
Abundance

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: 34.267 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

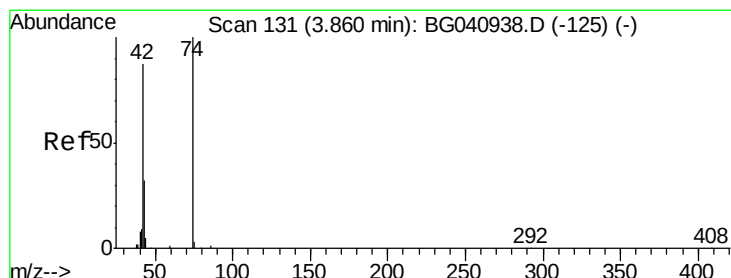
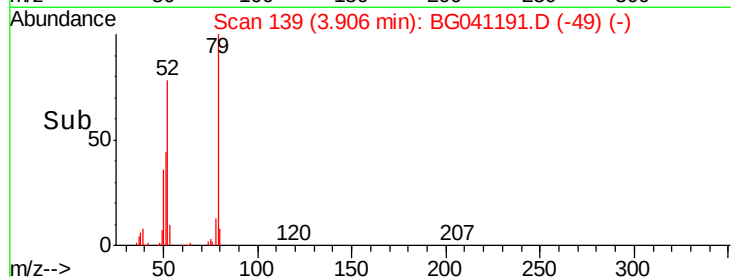
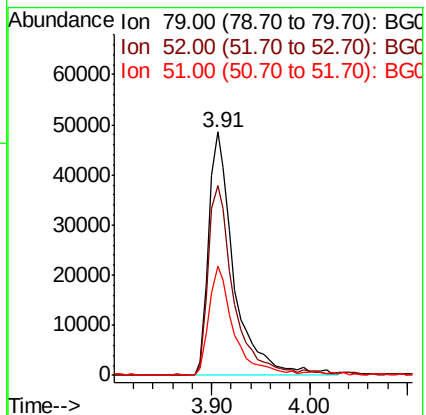
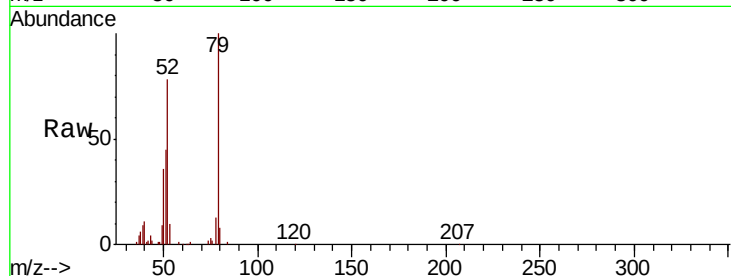
Tot Ion: 79 Resp: 87662

Ion Ratio Lower Upper

79 100

52 77.9 64.8 97.2

51 44.6 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 41.897 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

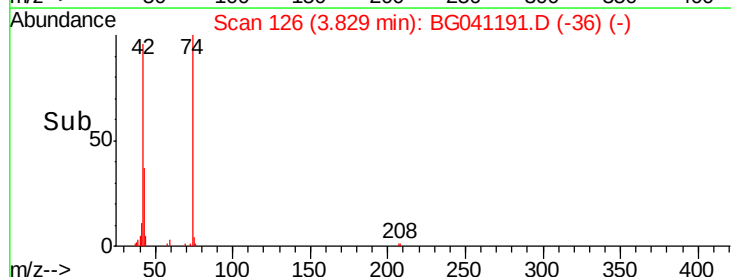
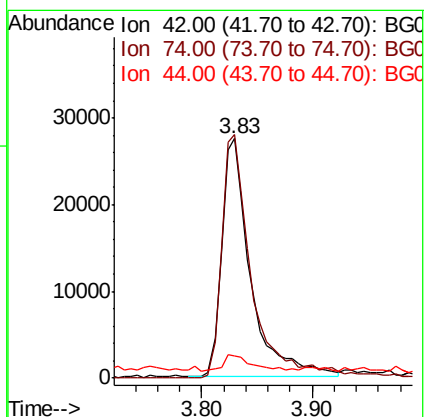
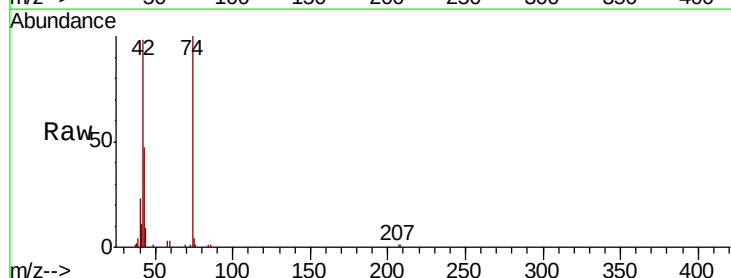
Tgt Ion: 42 Resp: 49743

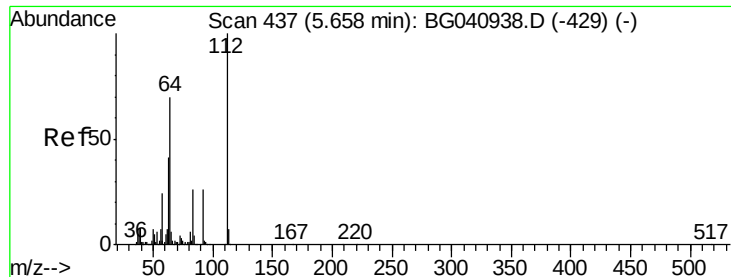
Ion Ratio Lower Upper

42 100

74 101.8 91.8 137.6

44 9.1 6.0 9.0#





#5

2-Fluorophenol

Concen: 136.453 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

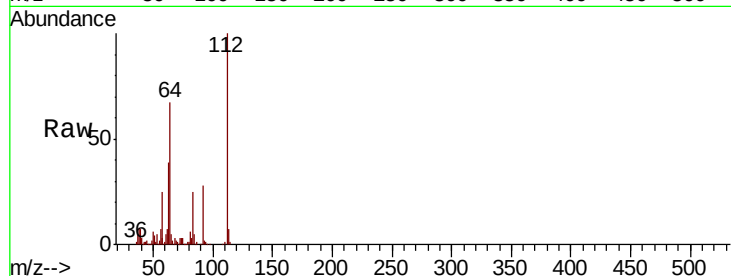
Tot Ion:112 Resp: 259972

Ion Ratio Lower Upper

112 100

64 66.6 56.2 84.2

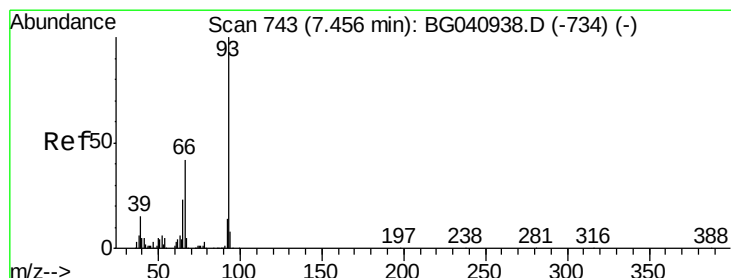
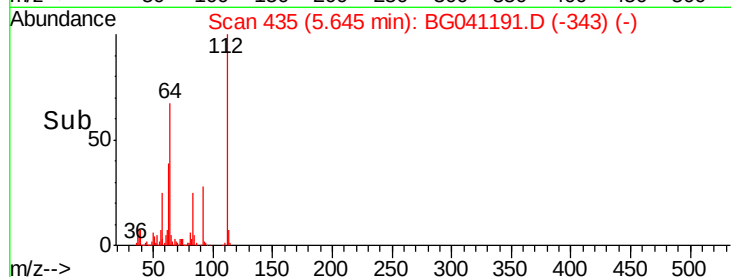
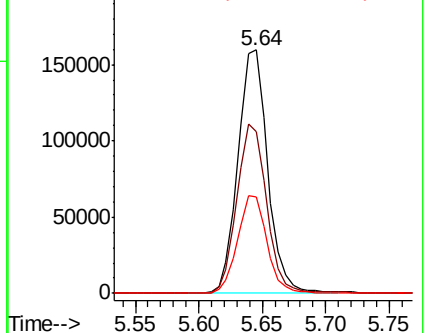
63 39.3 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.025 ng

RT: 7.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

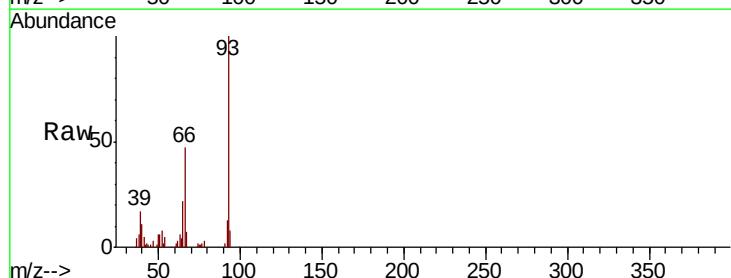
Tgt Ion: 93 Resp: 98285

Ion Ratio Lower Upper

93 100

66 47.1 33.8 50.8

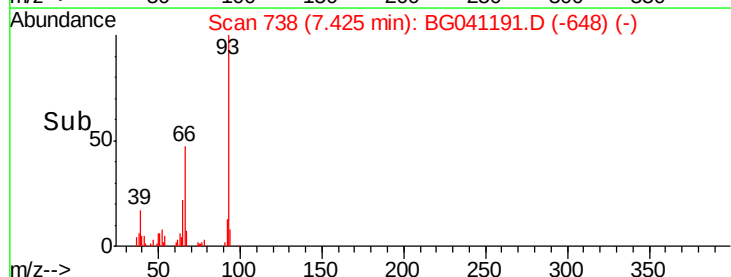
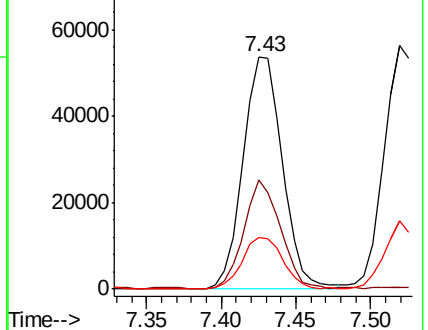
65 22.3 18.3 27.5

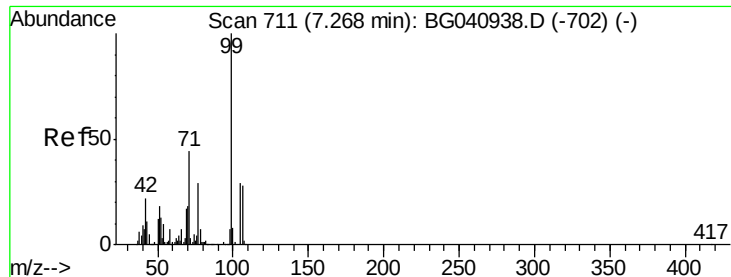


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.227 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

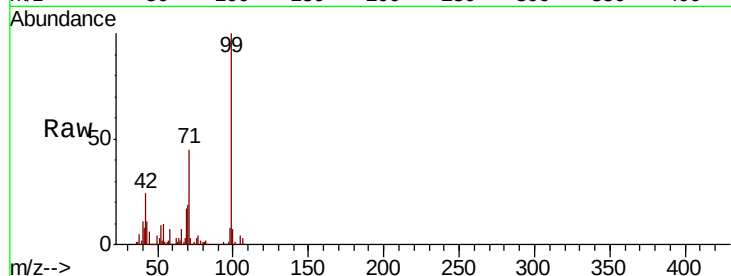
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 371410

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.9	26.9
71	45.4	35.4	53.0

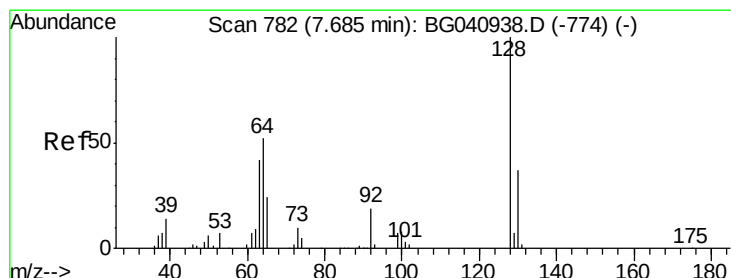
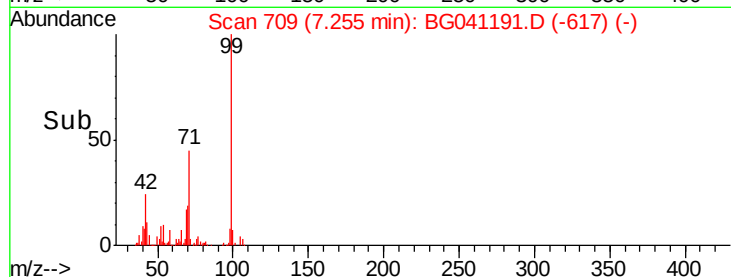
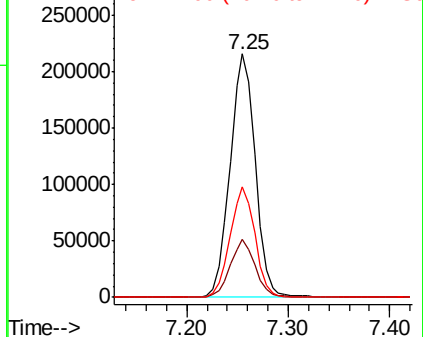


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.358 ng

RT: 7.66 min Scan# 778

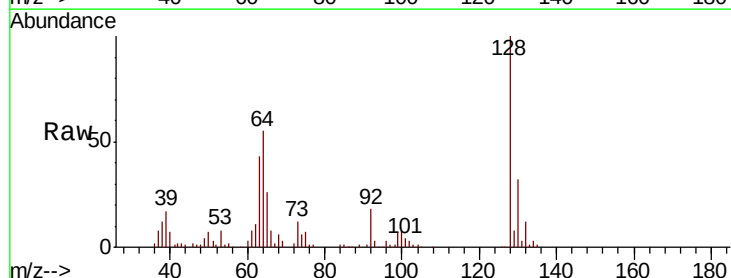
Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion: 128 Resp: 105297

Ion	Ratio	Lower	Upper
128	100		
130	31.9	16.6	56.6
64	55.1	37.8	77.8

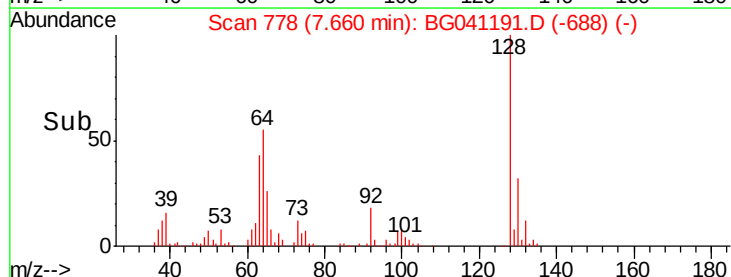
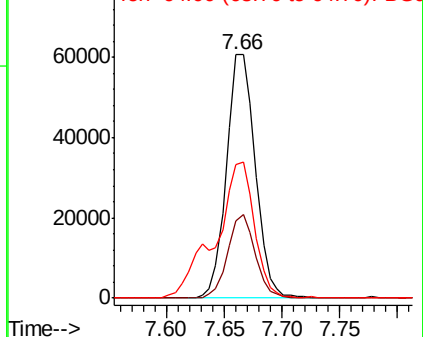


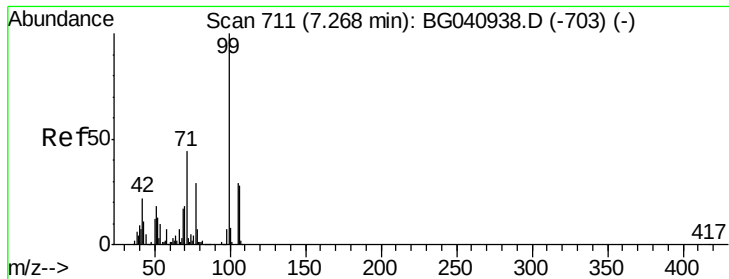
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 16.765 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

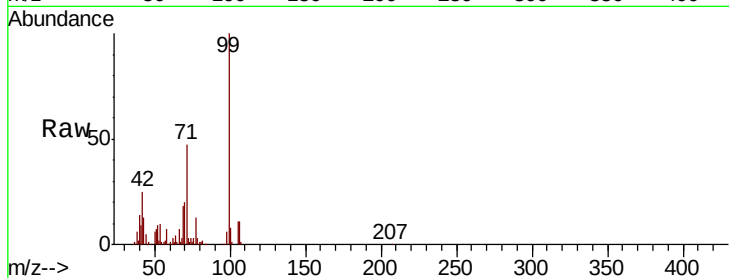
Tot Ion: 77 Resp: 29426

Ion Ratio Lower Upper

77 100

105 84.1 78.9 118.9

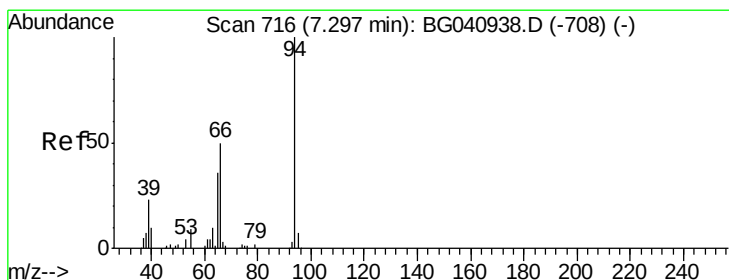
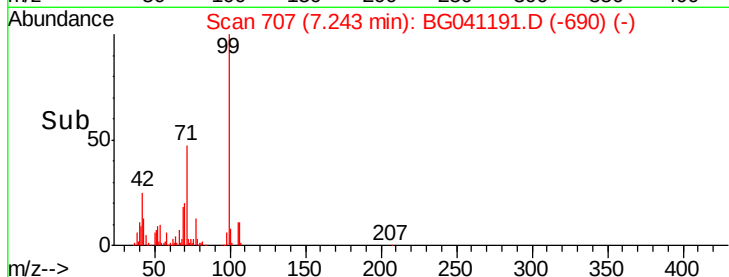
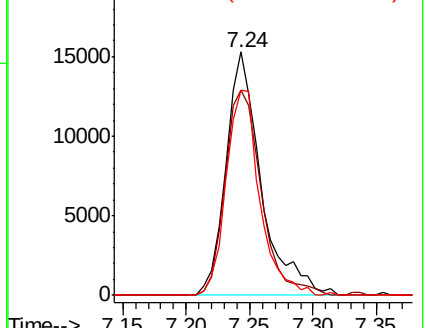
106 84.4 76.7 116.7



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: 46.297 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

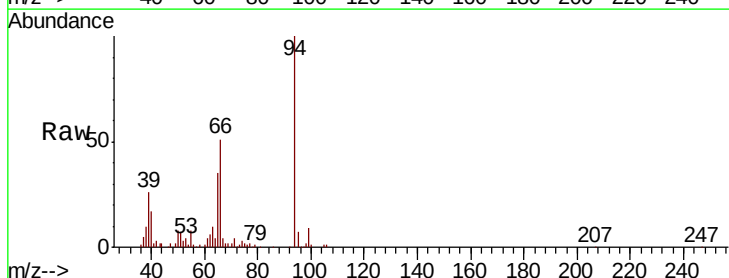
Tgt Ion: 94 Resp: 146061

Ion Ratio Lower Upper

94 100

65 35.2 17.0 57.0

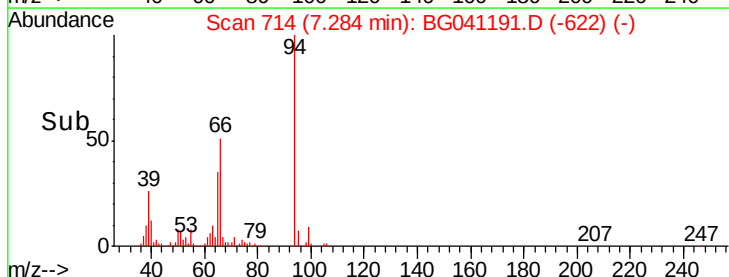
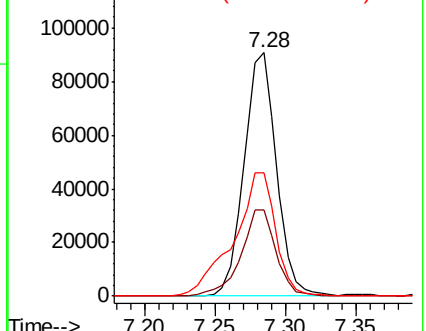
66 50.6 32.4 72.4

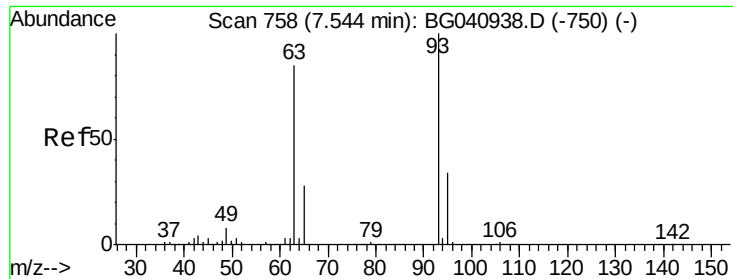


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

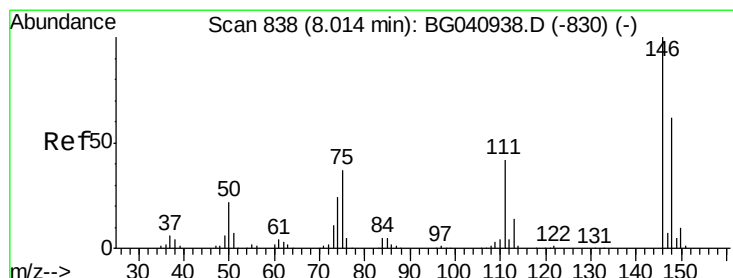
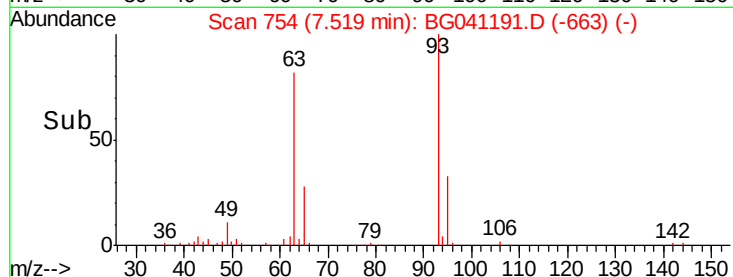
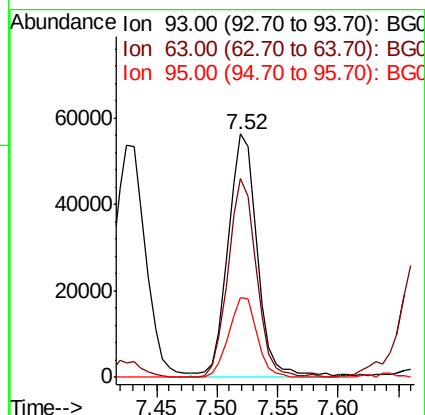
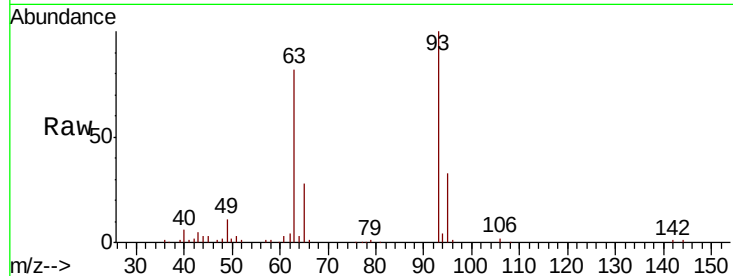




#11
 bis(2-Chloroethyl)ether
 Concen: 41.682 ng
 RT: 7.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

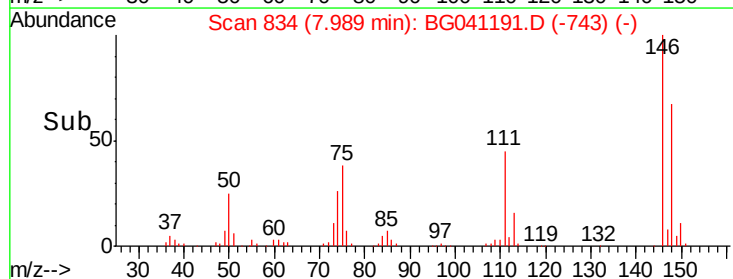
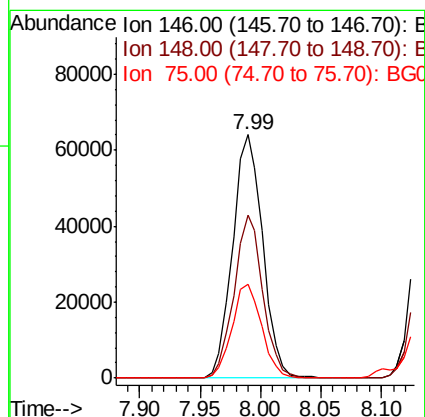
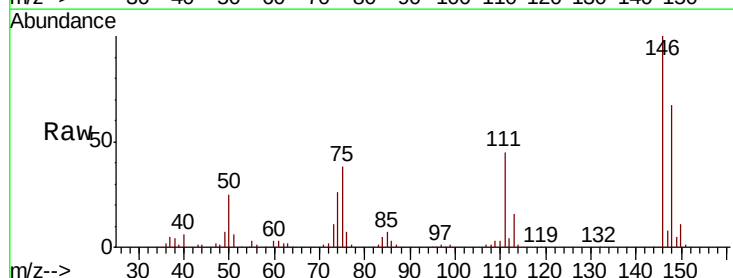
Instrument :
 BNA_G
 ClientSampleId :

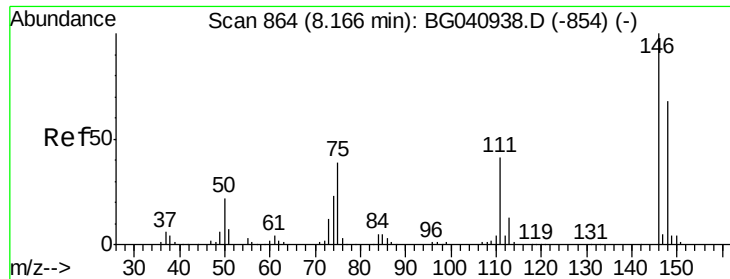
Tot Ion: 93 Resp: 95398
 Ion Ratio Lower Upper
 93 100
 63 81.6 64.5 104.5
 95 33.0 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.014 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion: 146 Resp: 111265
 Ion Ratio Lower Upper
 146 100
 148 67.0 49.2 73.8
 75 38.3 29.4 44.0

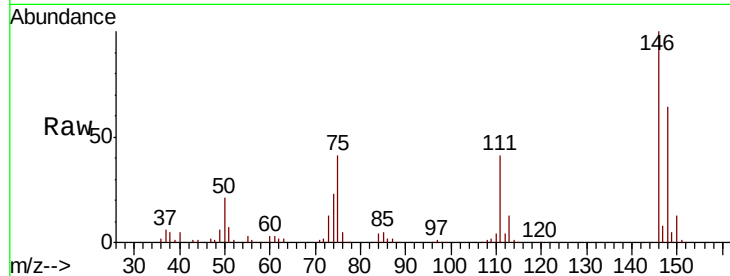




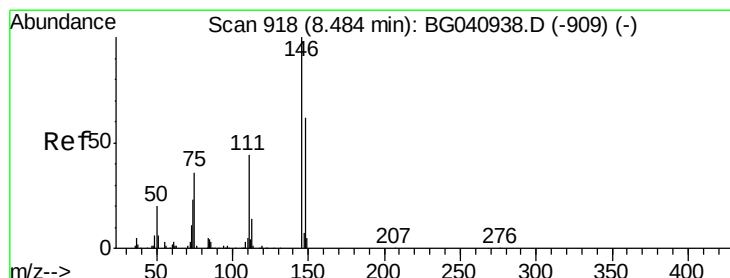
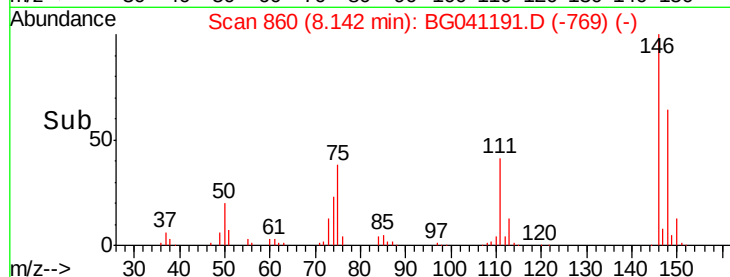
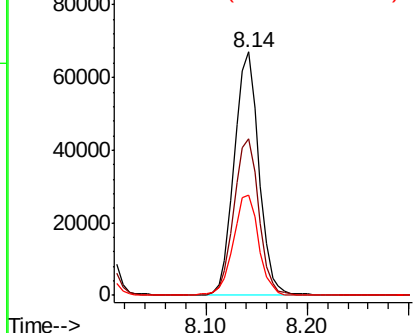
#13
 1,4-Dichlorobenzene
 Concen: 41.480 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 113905
 Ion Ratio Lower Upper
 146 100
 148 64.4 54.2 81.4
 111 41.3 32.9 49.3

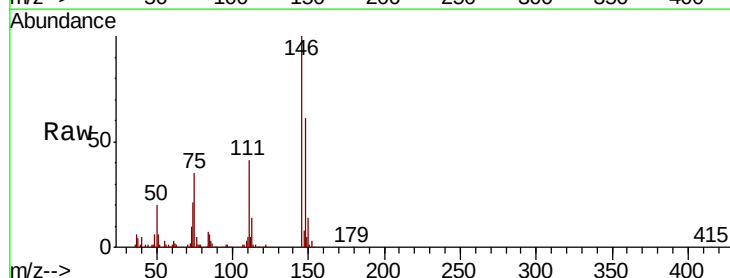


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

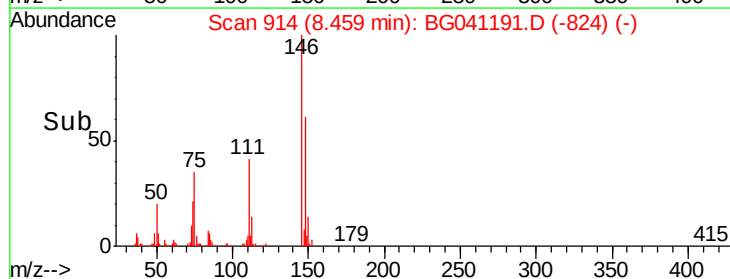
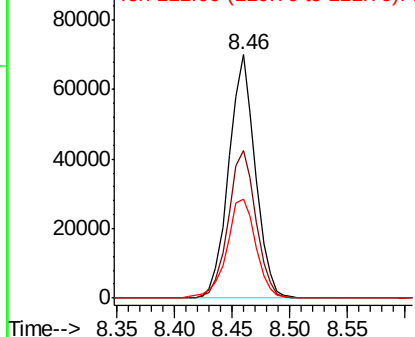


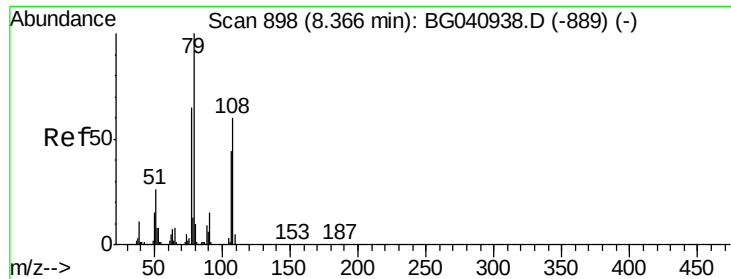
#14
 1,2-Dichlorobenzene
 Concen: 41.737 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion:146 Resp: 111280
 Ion Ratio Lower Upper
 146 100
 148 60.6 49.8 74.6
 111 40.6 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: 42.874 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

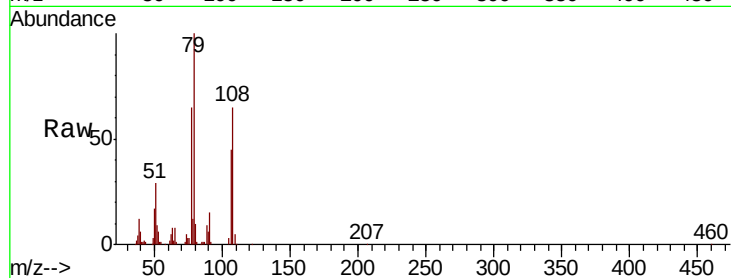
Tot Ion: 79 Resp: 116695

Ion Ratio Lower Upper

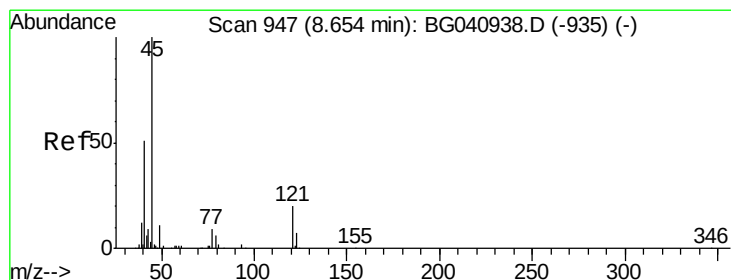
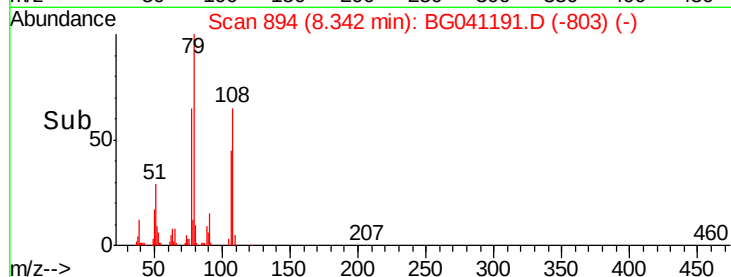
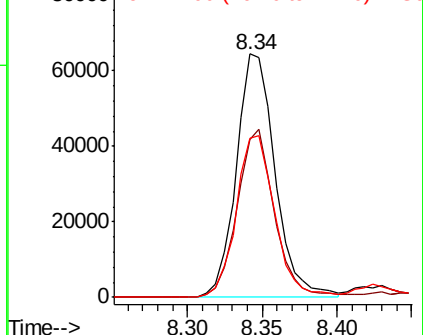
79 100

108 64.7 48.3 72.5

77 65.2 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.480 ng

RT: 8.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

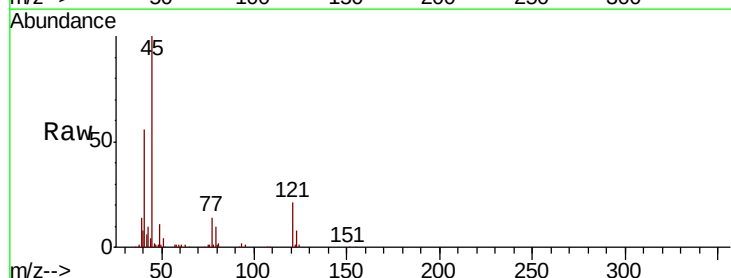
Tgt Ion: 45 Resp: 143909

Ion Ratio Lower Upper

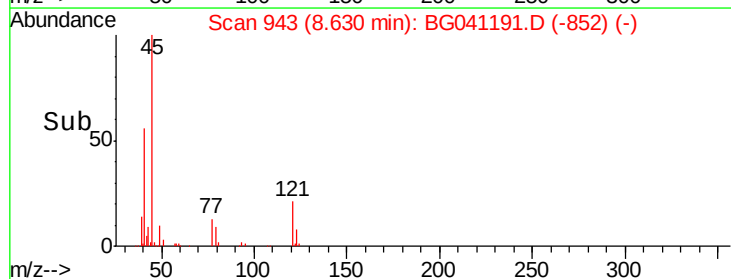
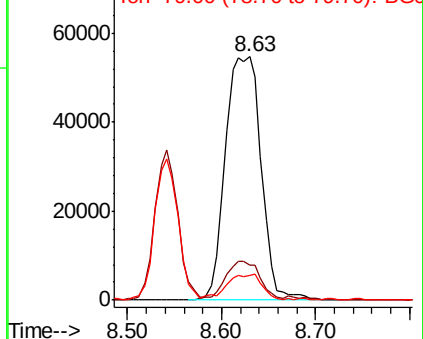
45 100

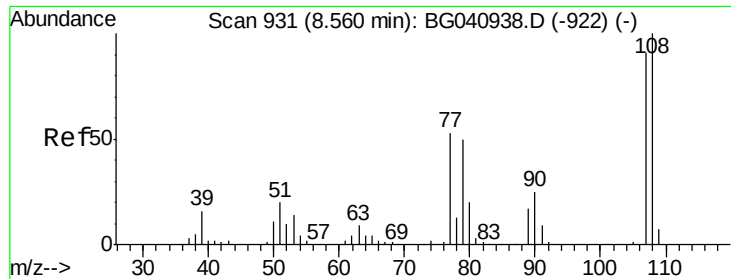
77 14.3 0.0 33.7

79 10.1 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: 44.237 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 101049

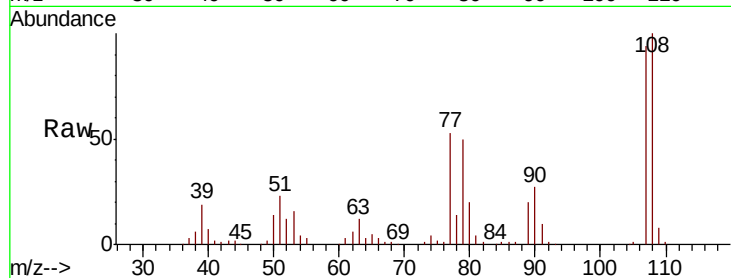
Ion Ratio Lower Upper

107 100

108 106.7 87.7 131.5

77 56.3 46.6 70.0

79 53.1 44.6 66.8

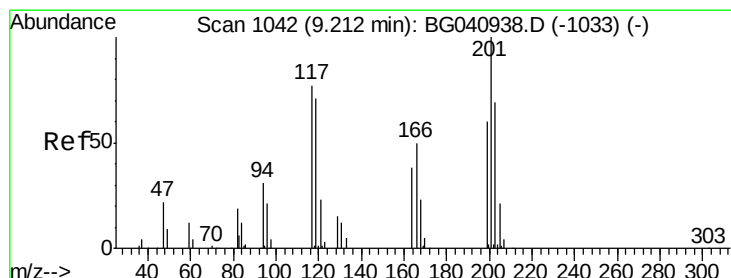
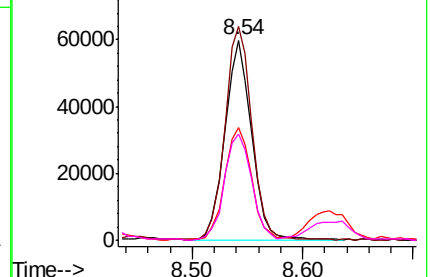
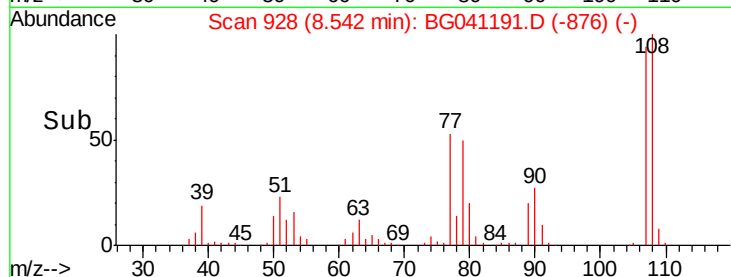


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.487 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

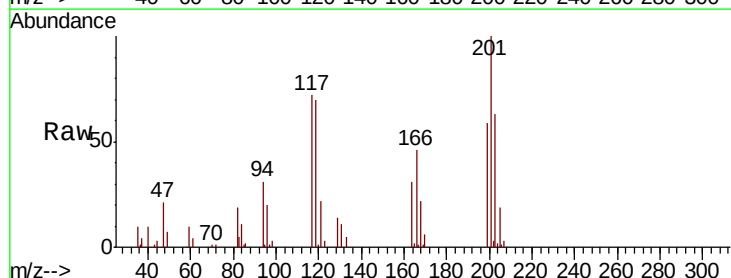
Tgt Ion:117 Resp: 43908

Ion Ratio Lower Upper

117 100

119 98.2 75.0 112.6

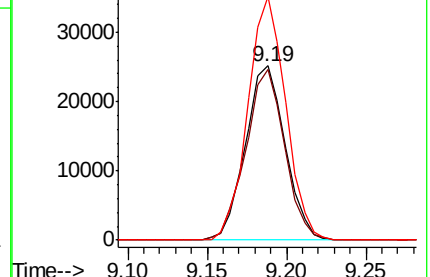
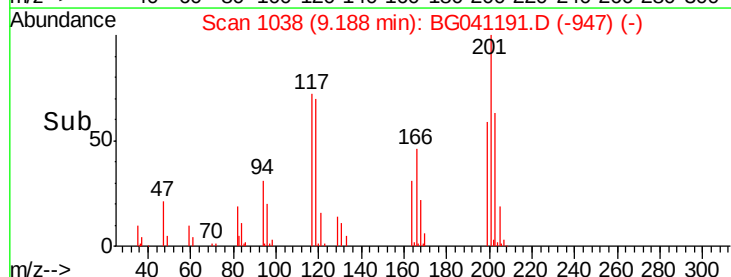
201 139.7 103.5 155.3

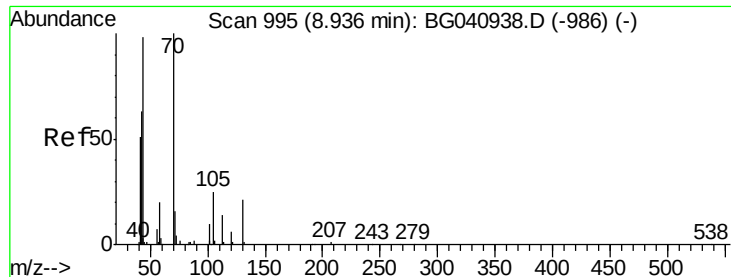


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

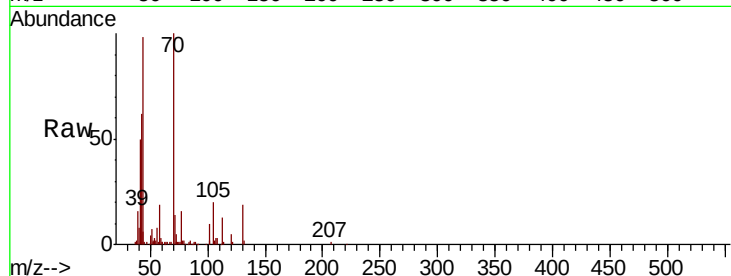




#19
n-Nitroso-di-n-propylamine
Concen: 39.234 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	88839
Ion	Ratio	Lower	Upper
70	100		
42	62.2	51.5	77.3
101	9.6	8.1	12.1
130	18.8	16.6	24.8



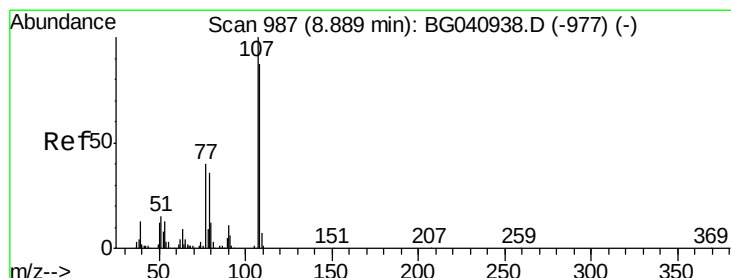
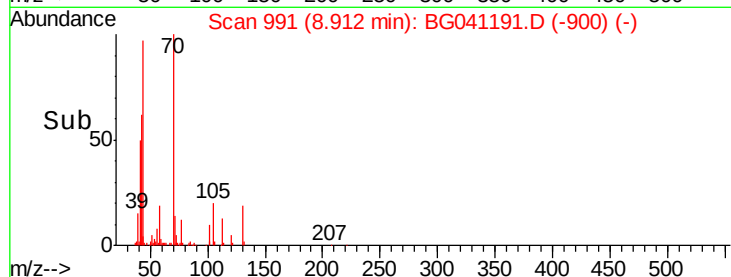
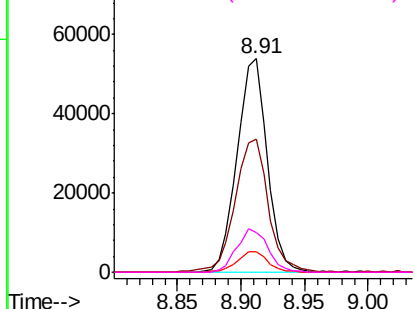
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

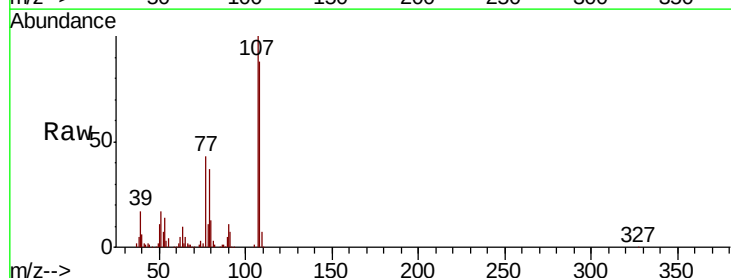
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.490 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion:	107	Resp:	137608
Ion	Ratio	Lower	Upper
107	100		
108	87.5	66.8	106.8
77	43.2	20.5	60.5
79	36.7	15.8	55.8



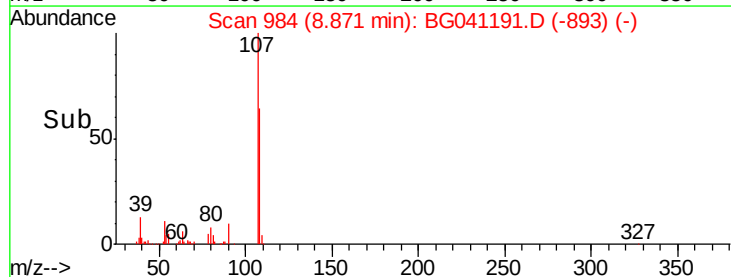
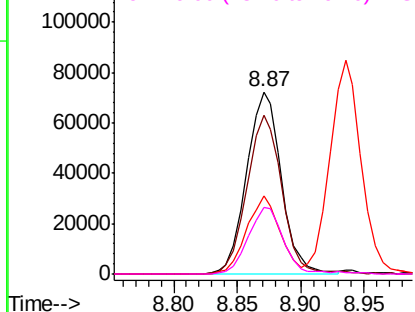
Abundance

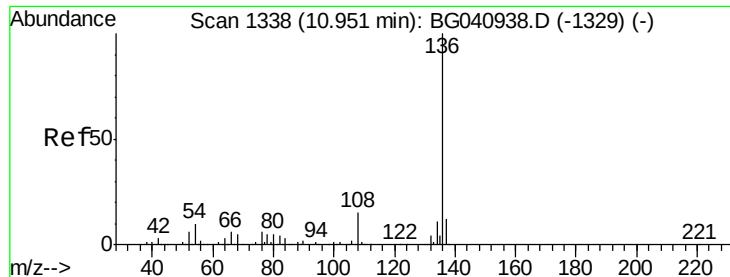
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

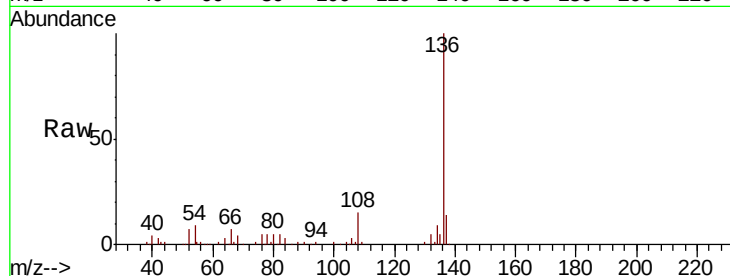




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	135992
Ion Ratio	Lower	Upper
136	100	
137	13.7	9.5 14.3
54	9.6	7.6 11.4
68	4.4	3.9 5.9



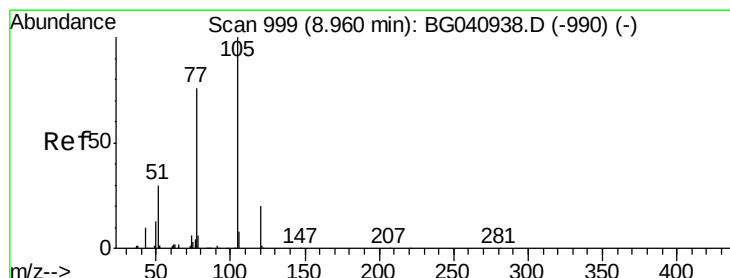
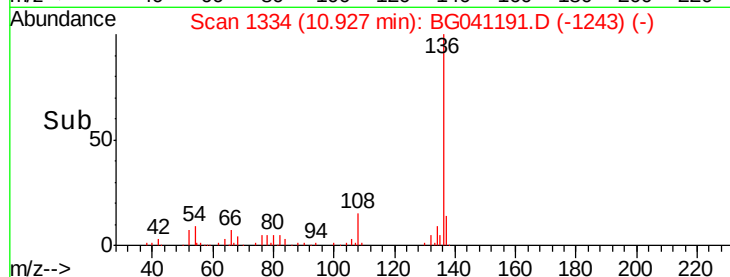
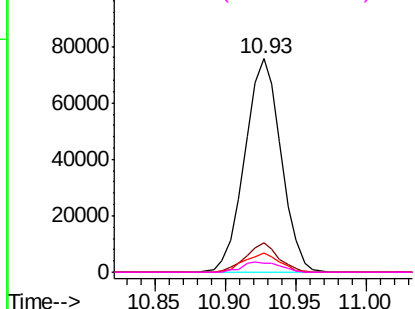
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

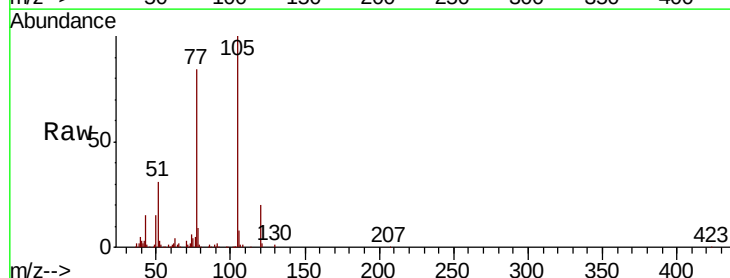
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 45.807 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion:105	Resp:	174745
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6#
51	30.9	27.0 40.6
120	20.0	16.2 24.4



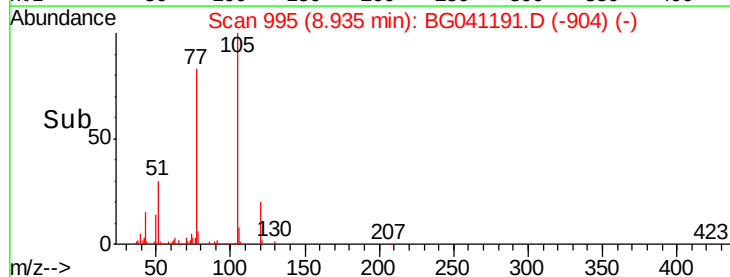
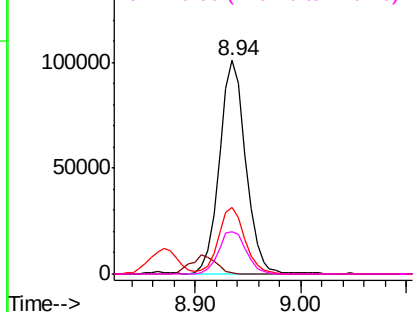
Abundance

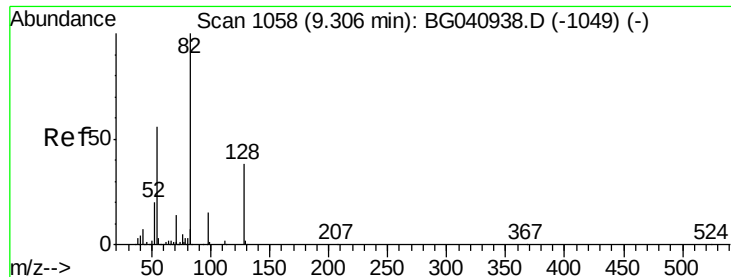
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

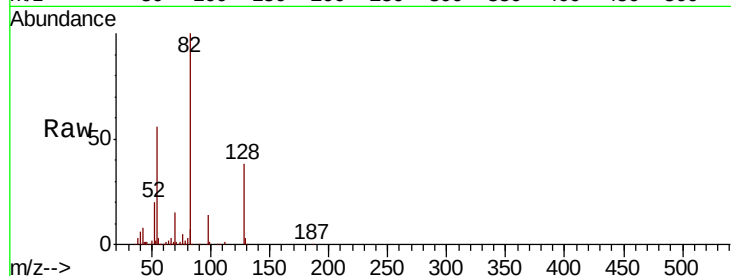




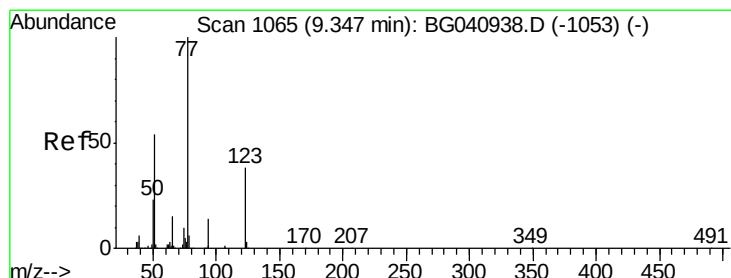
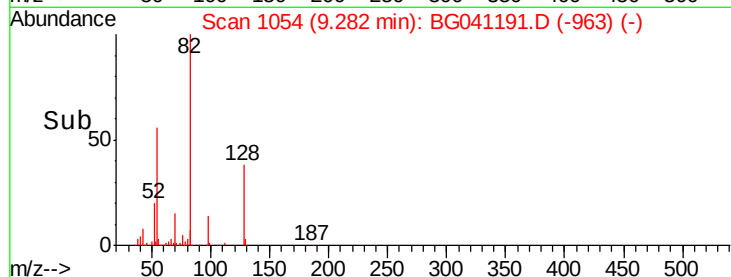
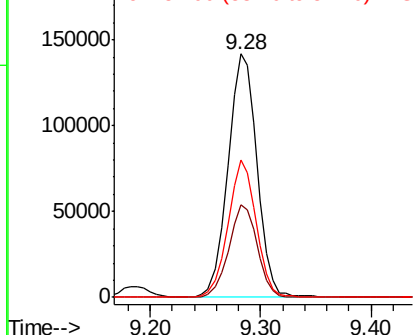
#23
 Nitrobenzene-d5
 Concen: 85.203 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	261003
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.5	45.7
54	56.5	44.6	66.8

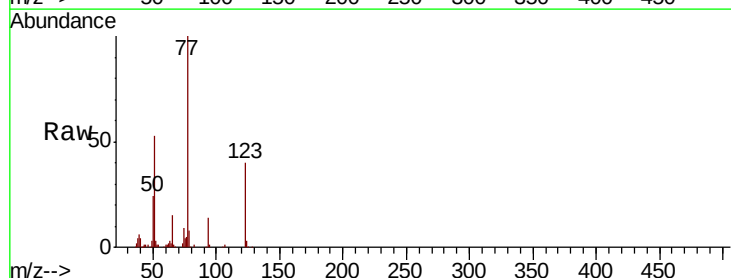


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

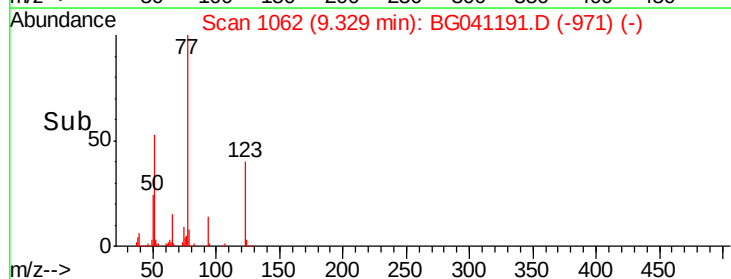
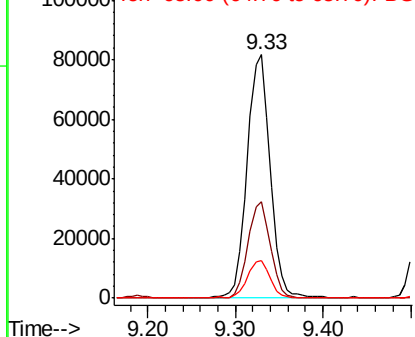


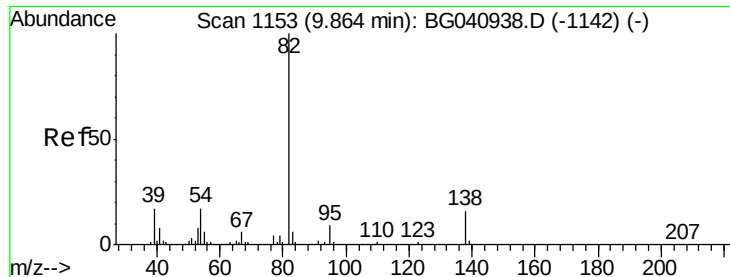
#24
 Nitrobenzene
 Concen: 46.396 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	77	Resp	144837
Ion Ratio	Lower	Upper	
77	100		
123	39.5	30.6	46.0
65	15.3	12.3	18.5



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





#25

Isophorone

Concen: 43.664 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

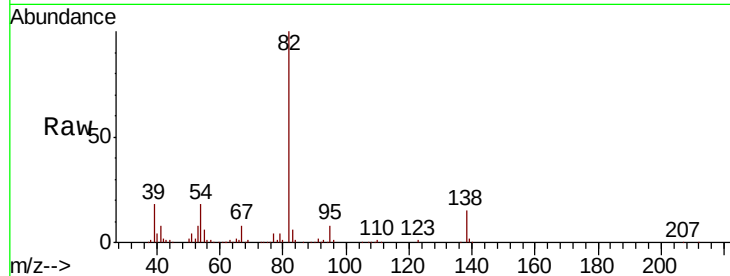
Tot Ion: 82 Resp: 254551

Ion Ratio Lower Upper

82 100

95 8.0 7.0 10.4

138 15.1 12.6 19.0

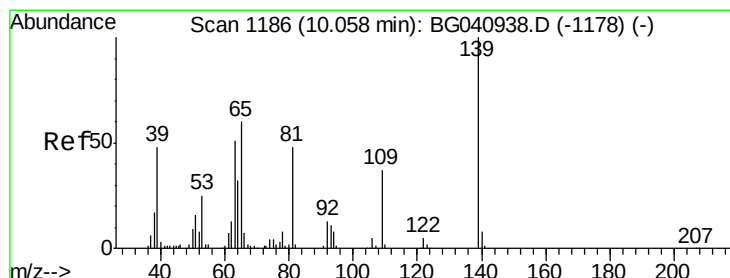
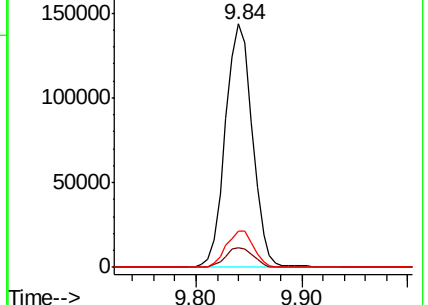
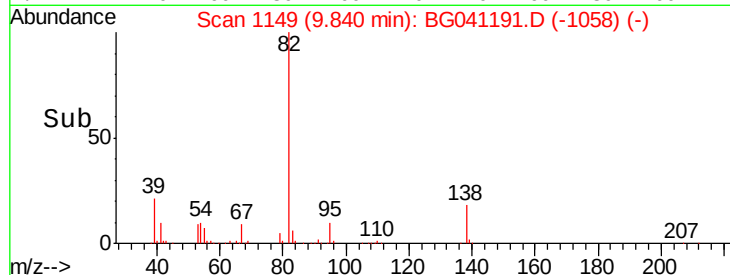


Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

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

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

9.84



#26

2-Nitrophenol

Concen: 51.089 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

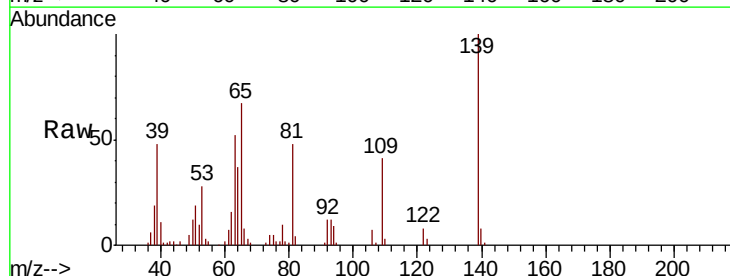
Tgt Ion: 139 Resp: 65750

Ion Ratio Lower Upper

139 100

109 40.9 29.8 44.6

65 67.0 47.8 71.6

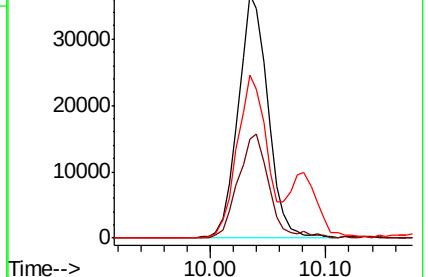
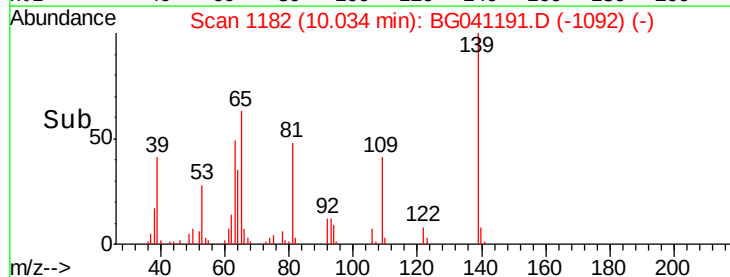


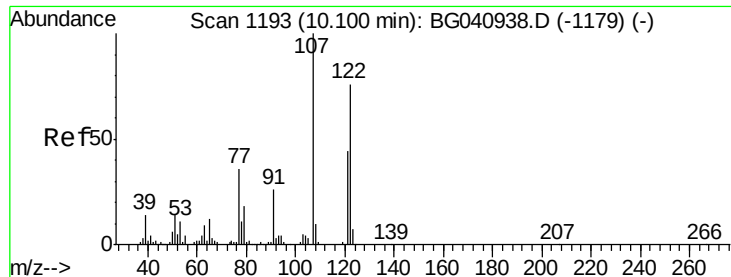
Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

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

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

10.03

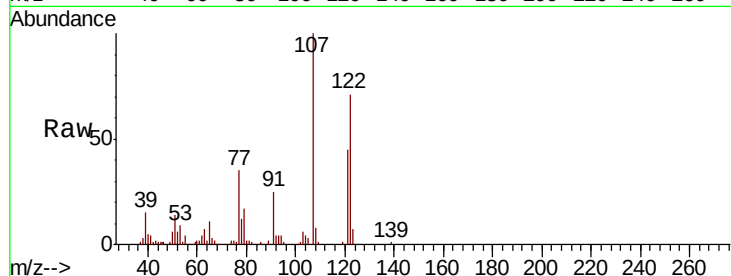




#27
 2,4-Dimethylphenol
 Concen: 53.072 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.9	105.9	158.9
121	62.9	46.2	69.4

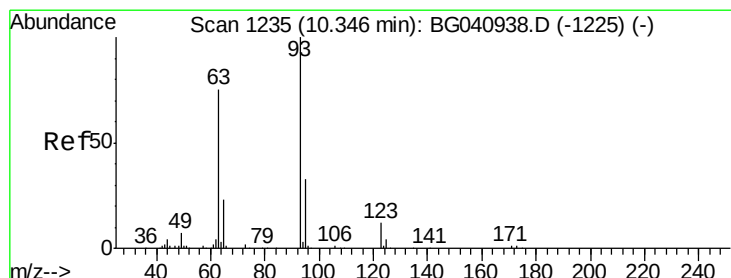
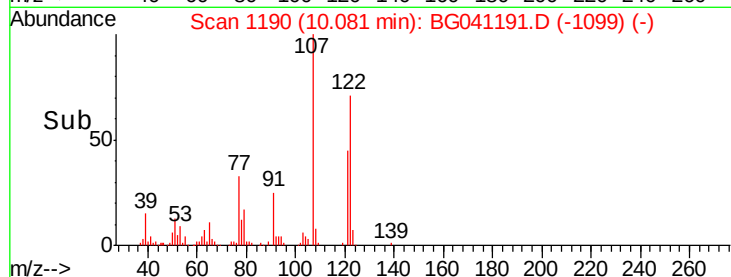
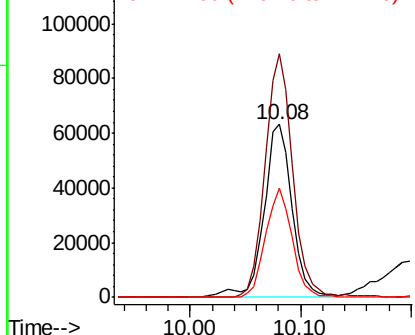


Abundance

Ion 122.00 (121.70 to 122.70): E

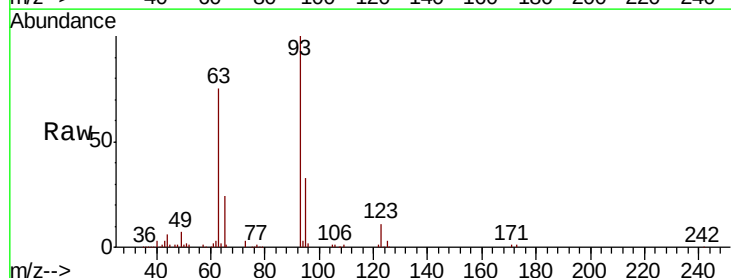
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.314 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	10.8	9.5	14.3

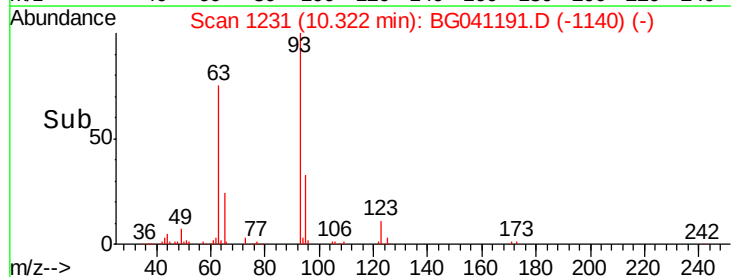
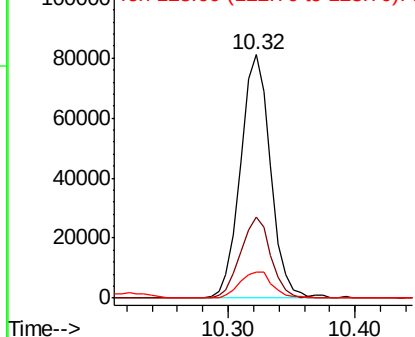


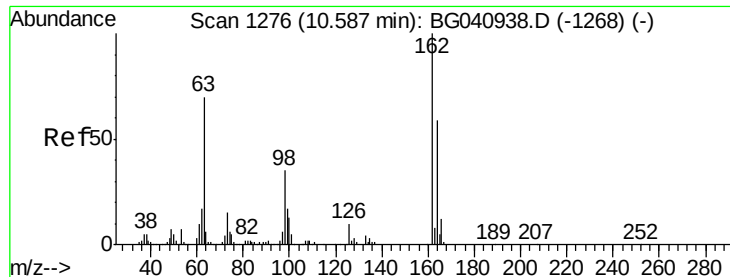
Abundance

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

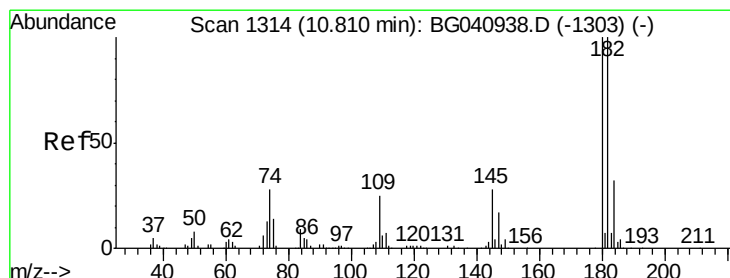
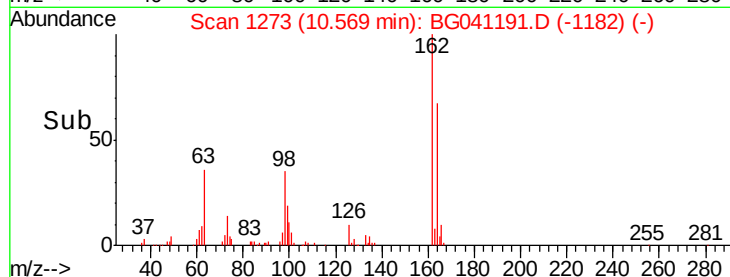
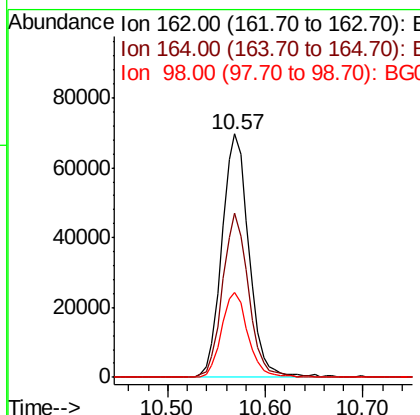
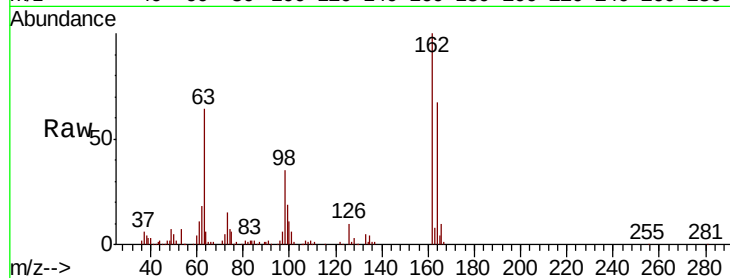




#29
2,4-Dichlorophenol
Concen: 49.367 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

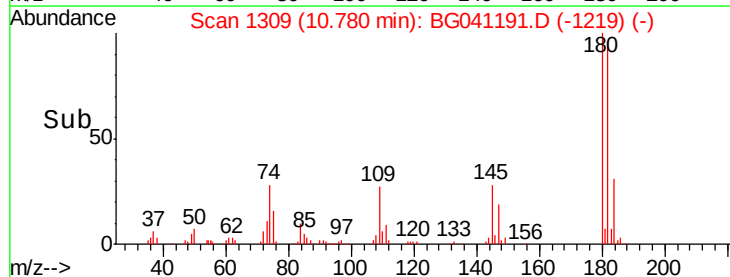
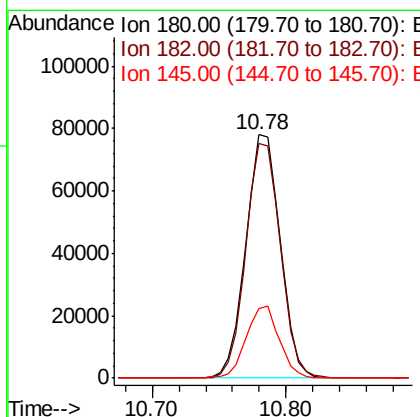
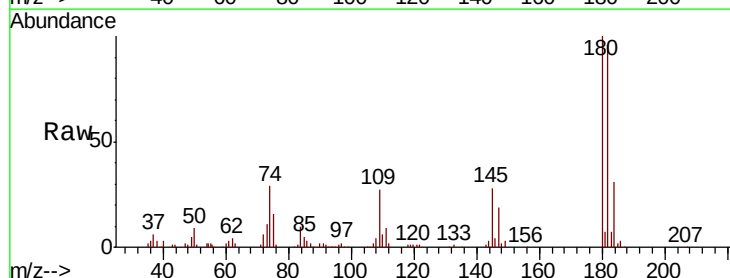
Instrument :
BNA_G
ClientSampleId :

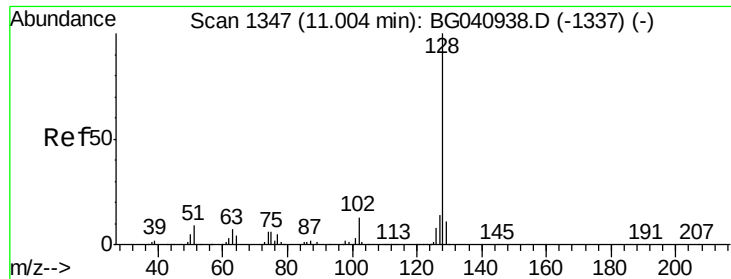
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	39.4	79.4
98	34.7	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 45.211 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.7	119.5
145	28.3	22.6	34.0

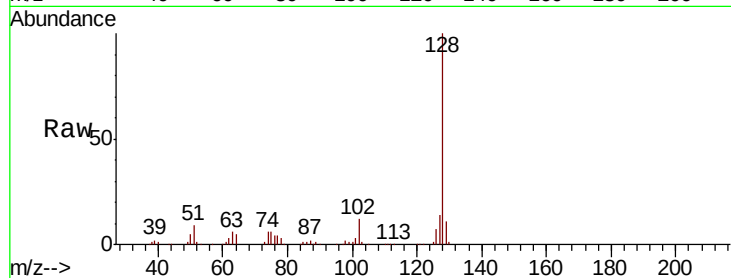




#31
Naphthalene
Concen: 47.435 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	14.2	11.4	17.2

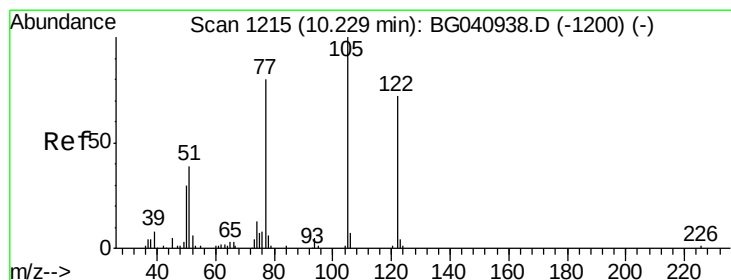
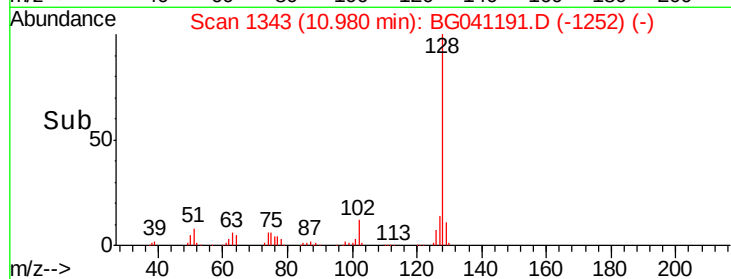
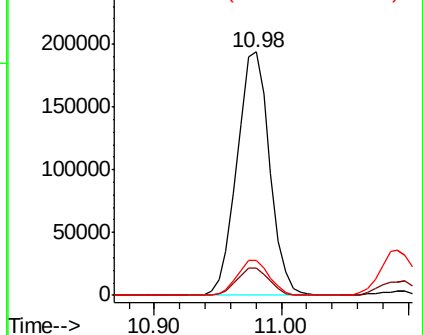


Abundance

Ion 128.00 (127.70 to 128.70): E

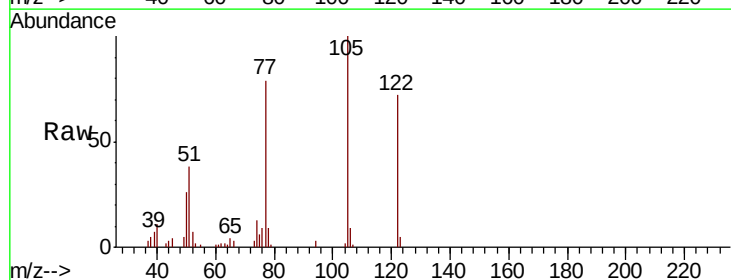
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.362 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.5	114.8	154.8
77	109.5	89.9	129.9

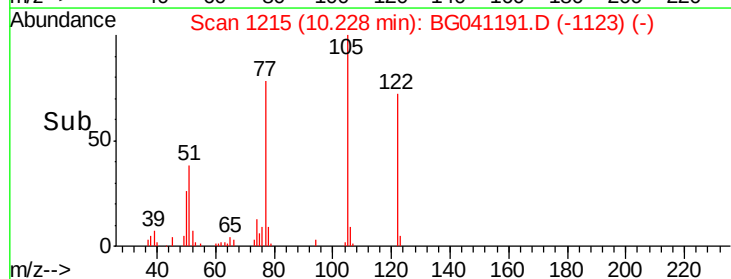
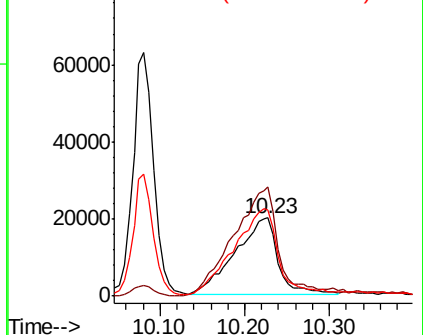


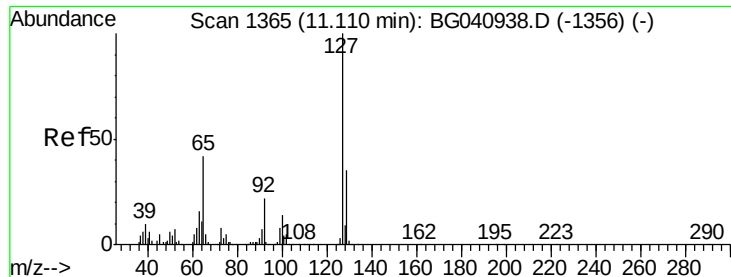
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

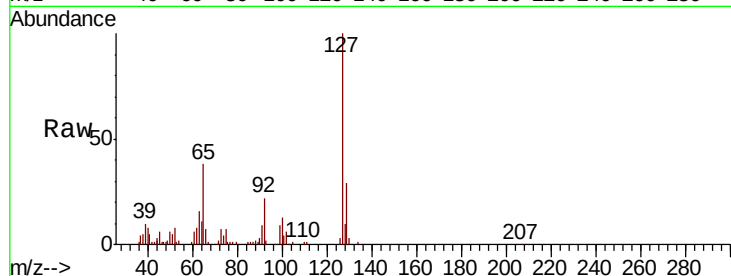




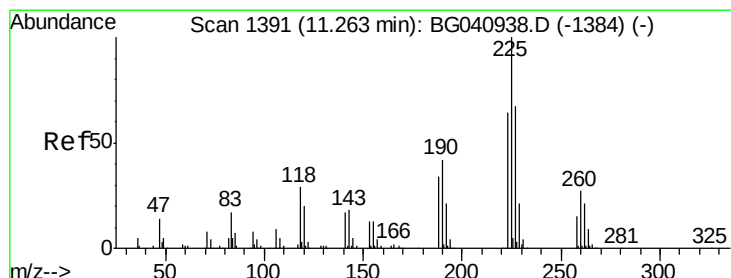
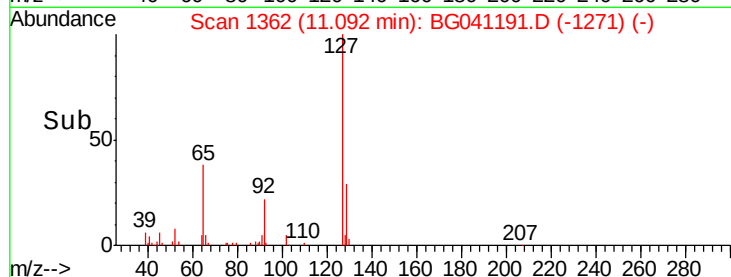
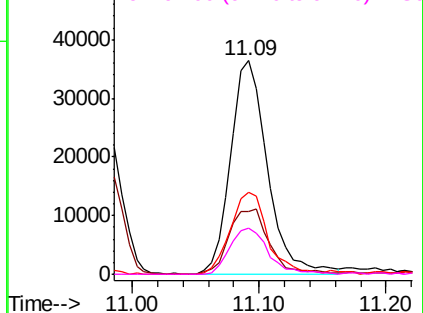
#33
4-Chloroaniline
Concen: 21.674 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	73427	
Ion Ratio	Lower	Upper	
127 100			
129 29.1	27.7	41.5	
65 38.3	33.2	49.8	
92 21.6	17.2	25.8	

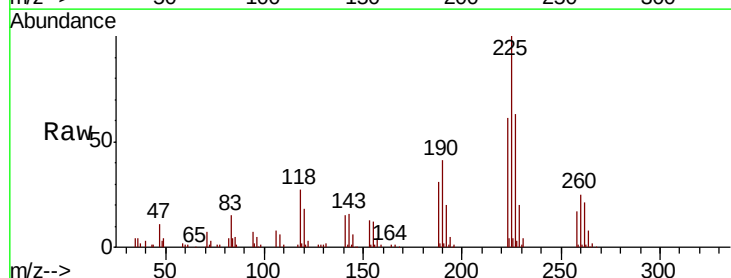


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

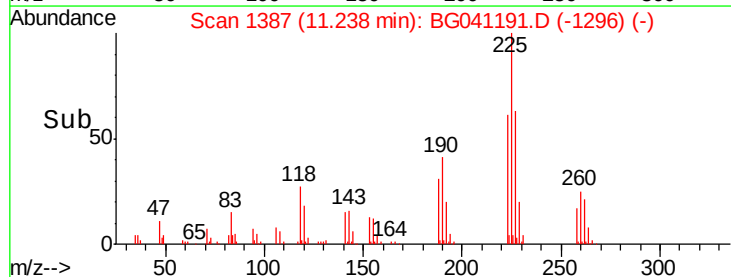
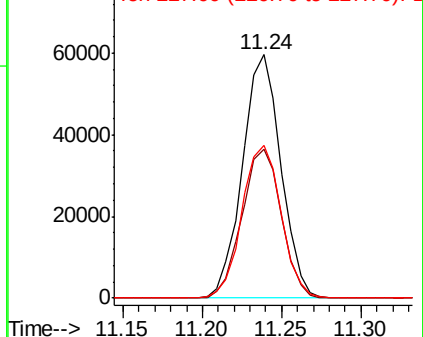


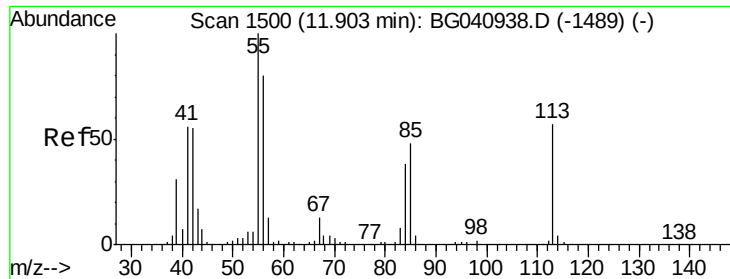
#34
Hexachlorobutadiene
Concen: 42.770 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	225	Resp: Lower	100484 Upper
	Ratio		
225	100		
223	61.0	48.8	73.2
227	62.5	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: 45.234 ng

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

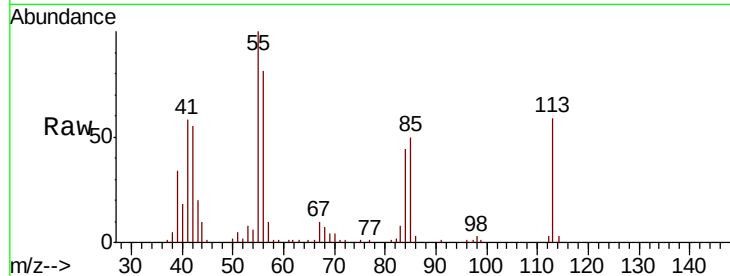
Tot Ion:113 Resp: 40318

Ion Ratio Lower Upper

113 100

55 169.6 155.9 195.9

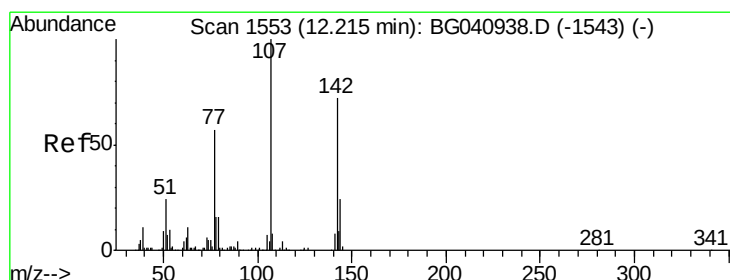
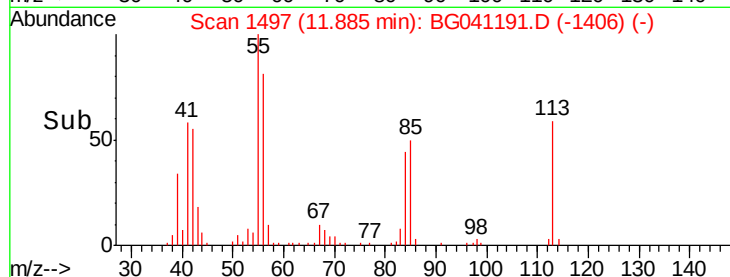
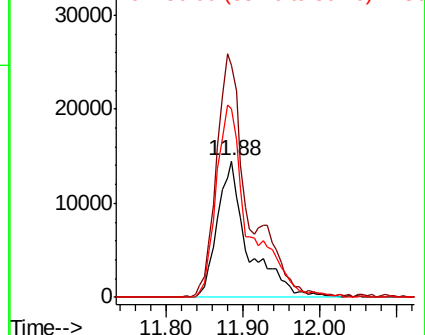
56 138.1 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.150 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

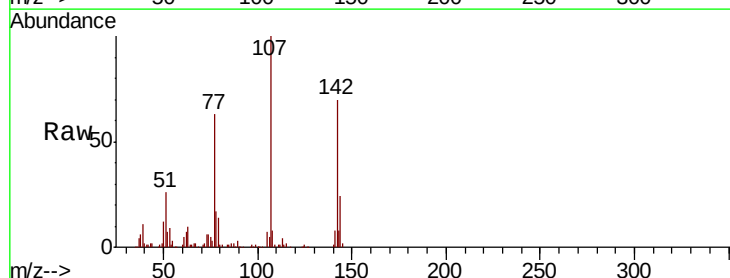
Tgt Ion:107 Resp: 151509

Ion Ratio Lower Upper

107 100

144 24.4 19.4 29.0

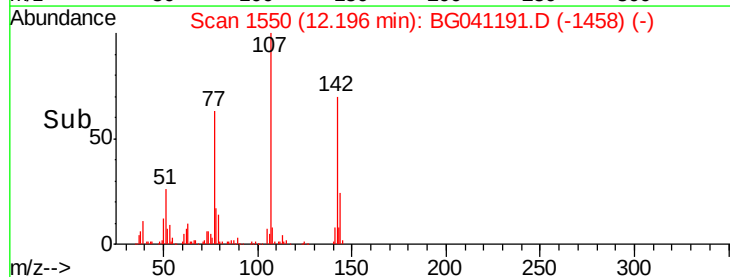
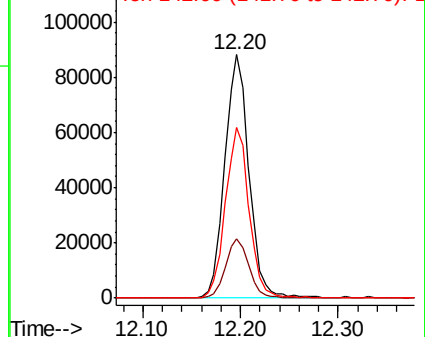
142 70.2 57.3 85.9

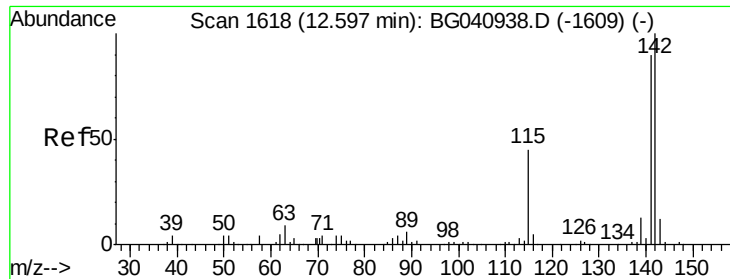


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

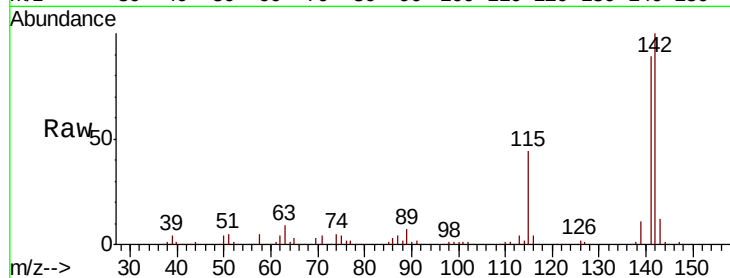




#37
 2-Methylnaphthalene
 Concen: 48.074 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.2	108.4
115	44.1	36.2	54.4

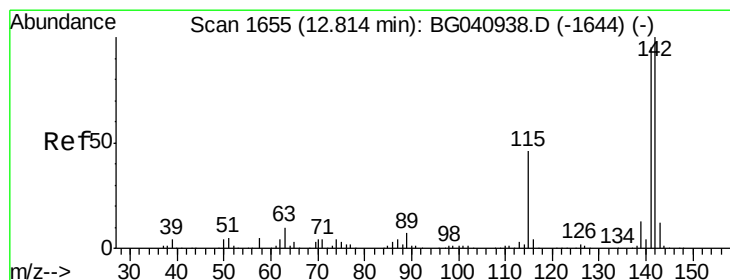
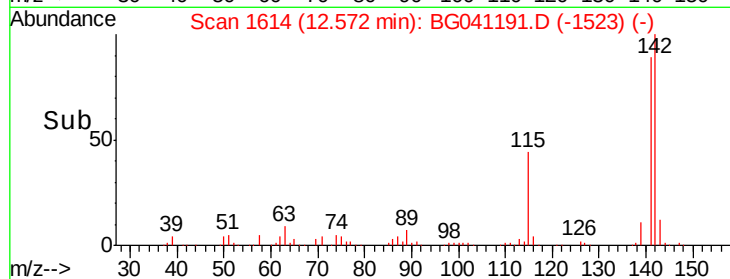
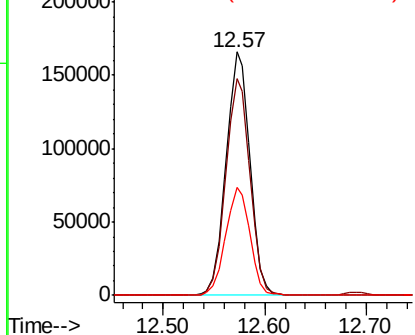


Abundance

Ion 142.00 (141.70 to 142.70): E

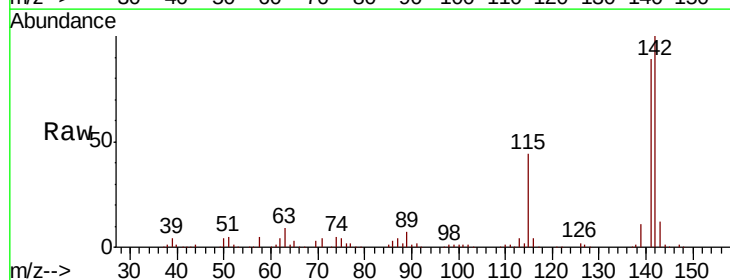
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 51.015 ng
 RT: 12.57 min Scan# 1614
 Delta R.T. -0.22 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	75.7	113.5
116	4.5	3.4	5.2

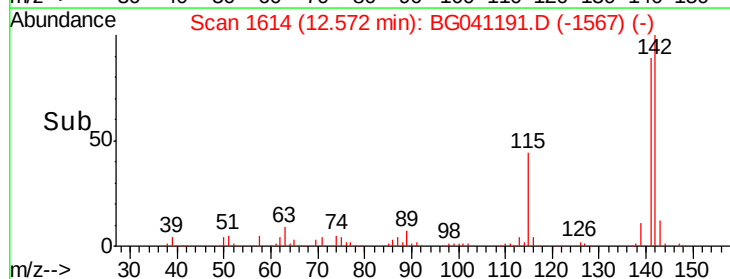
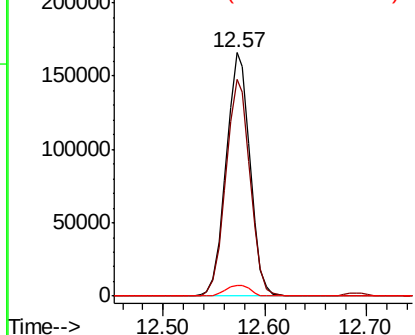


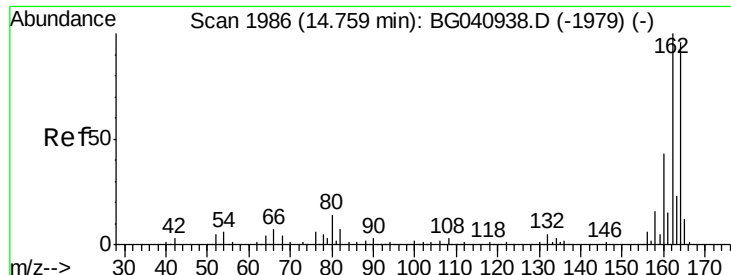
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

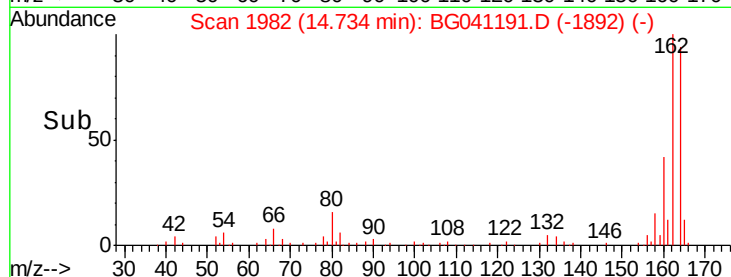
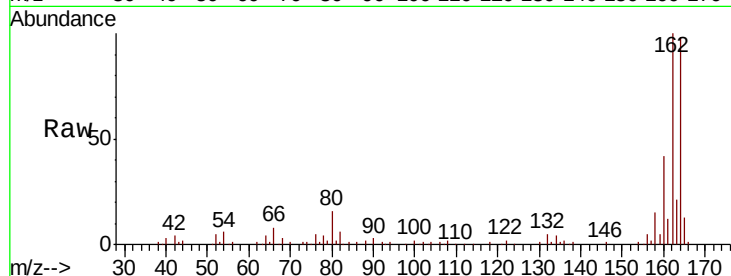
Tot Ion:164 Resp: 107726

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.4

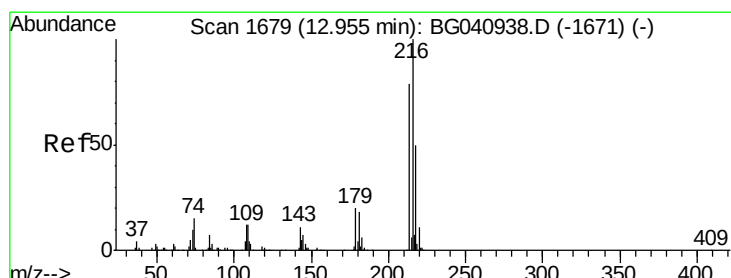
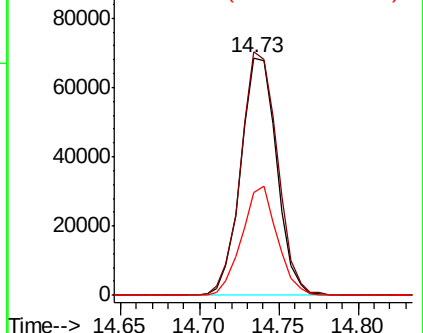
160 43.4 35.6 53.4



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: 45.538 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:216 Resp: 197722

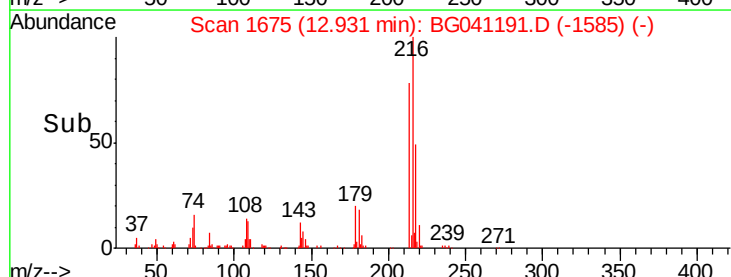
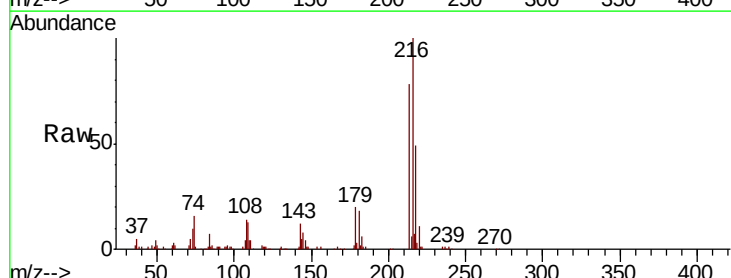
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 19.1 15.2 22.8

108 16.2 11.4 17.2

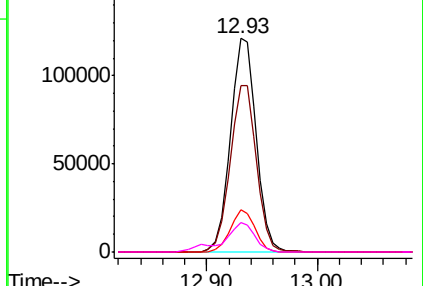


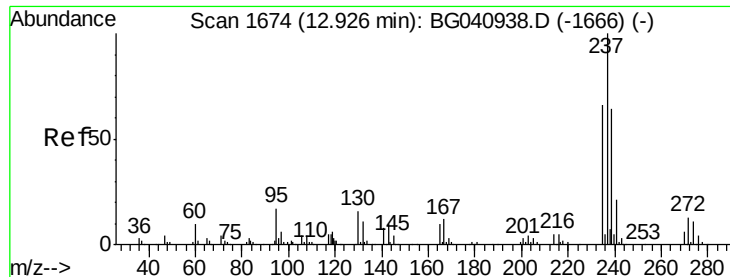
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.968 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

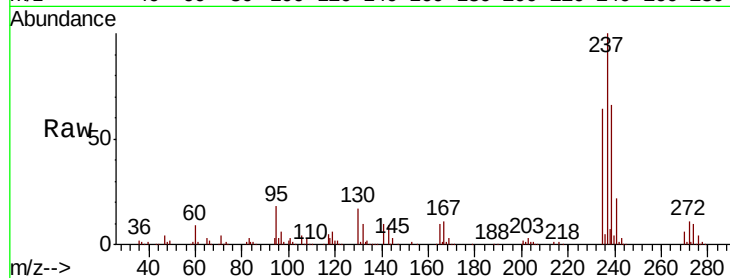
Tot Ion:237 Resp: 215256

Ion Ratio Lower Upper

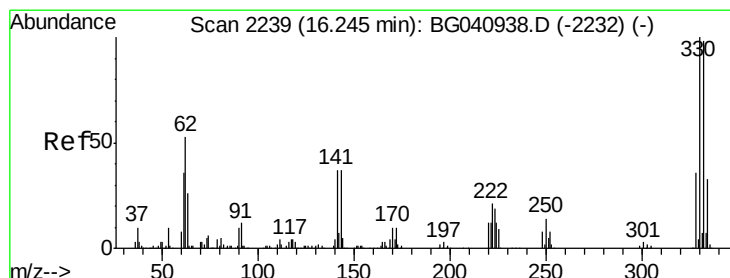
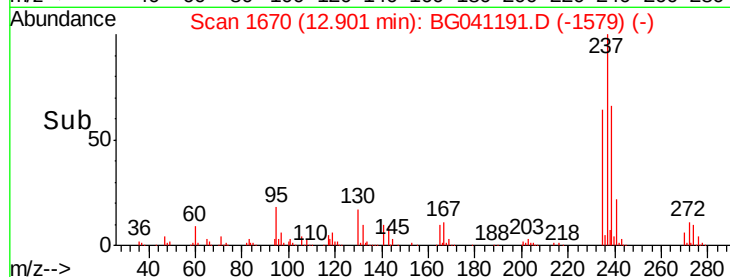
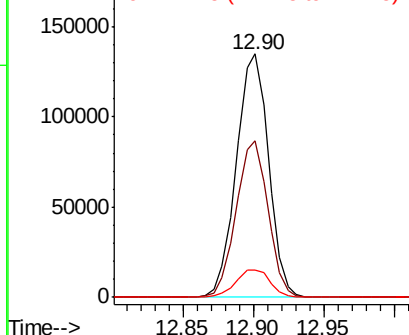
237 100

235 64.3 45.5 85.5

272 11.3 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: 139.982 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

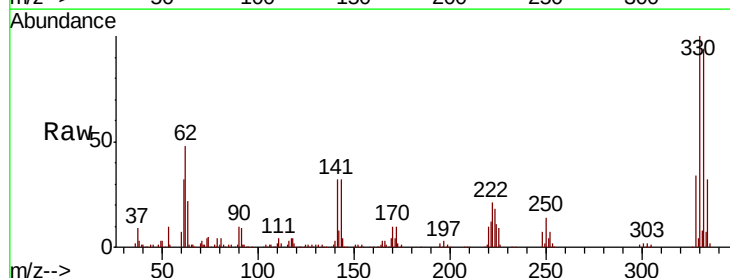
Tgt Ion:330 Resp: 223869

Ion Ratio Lower Upper

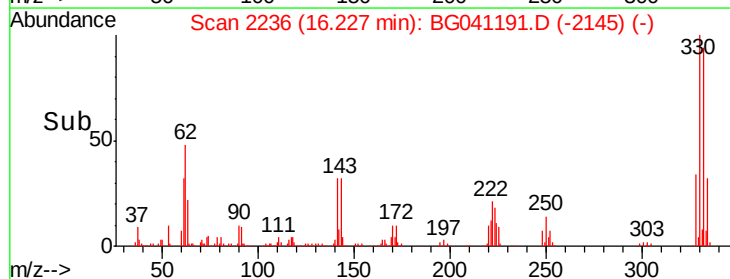
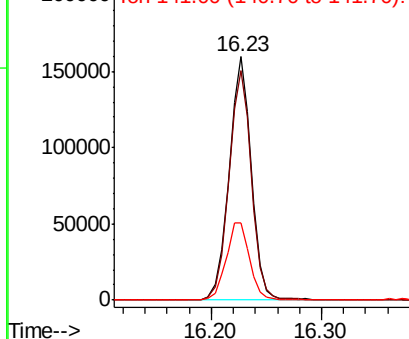
330 100

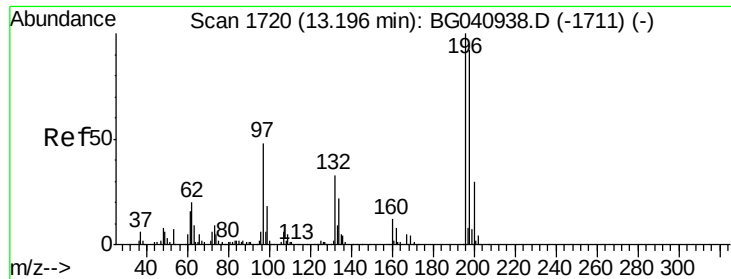
332 95.3 78.5 117.7

141 34.0 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

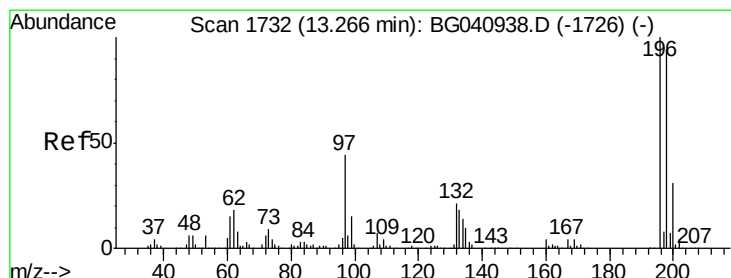
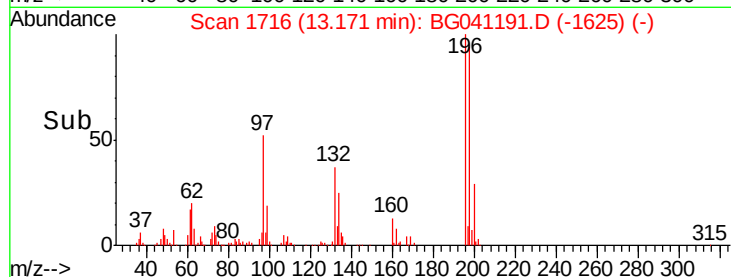
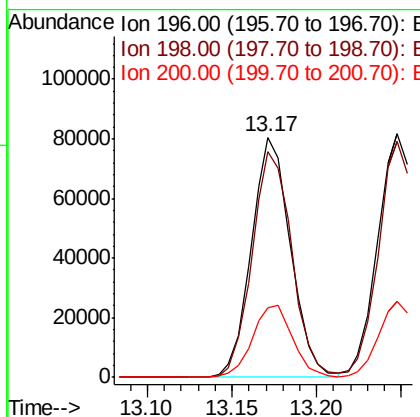
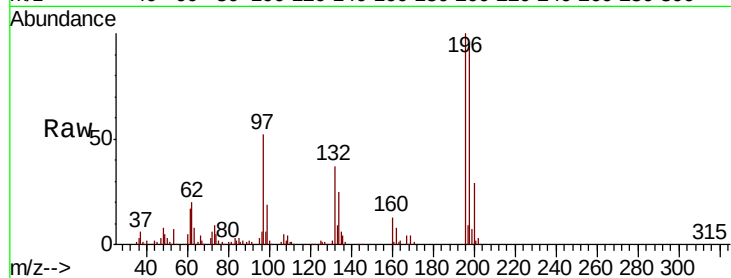




#43
 2,4,6-Trichlorophenol
 Concen: 46.068 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

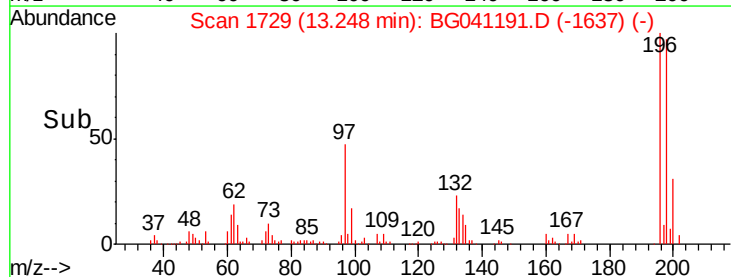
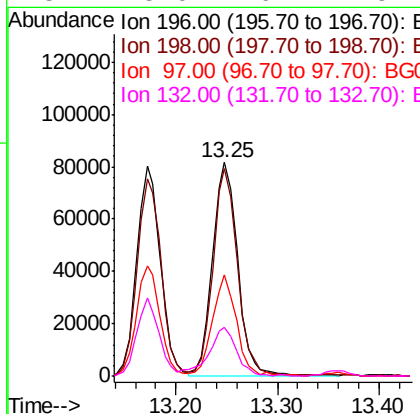
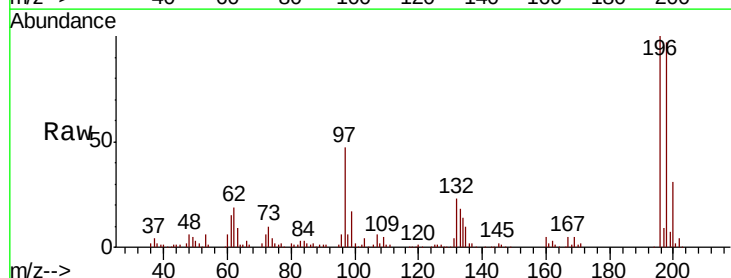
Instrument :
 BNA_G
 ClientSampleId :

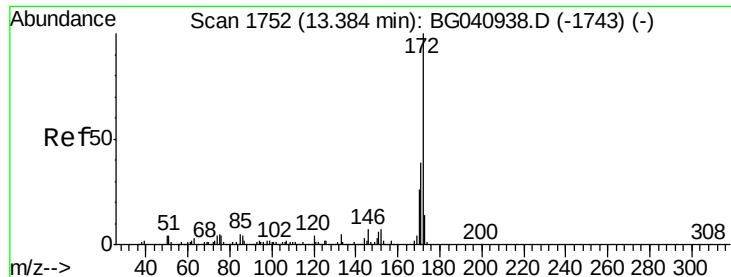
Tot Ion	196	Resp	129397
Ion Ratio	Lower	Upper	
196	100		
198	93.9	73.8	110.6
200	29.2	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 47.287 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	196	Resp	140078
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.1	112.7
97	47.1	35.6	53.4
132	23.0	16.7	25.1

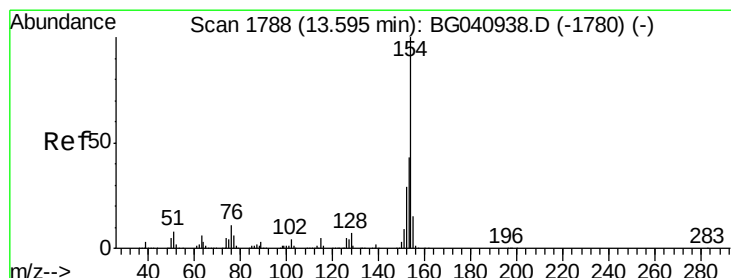
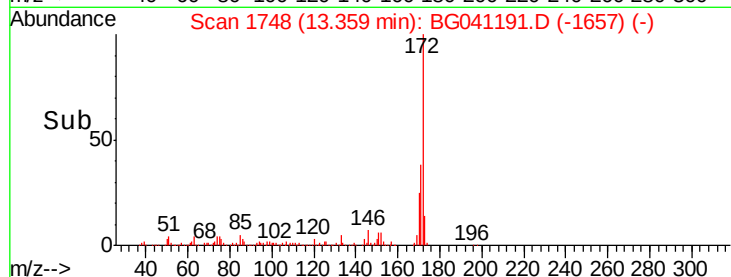
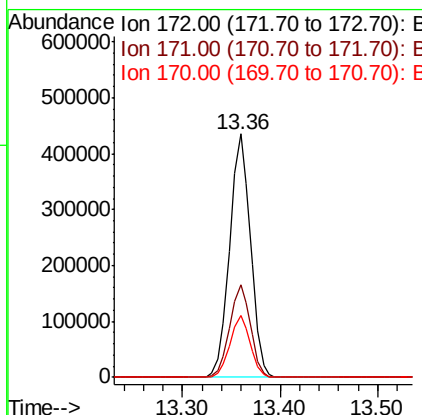
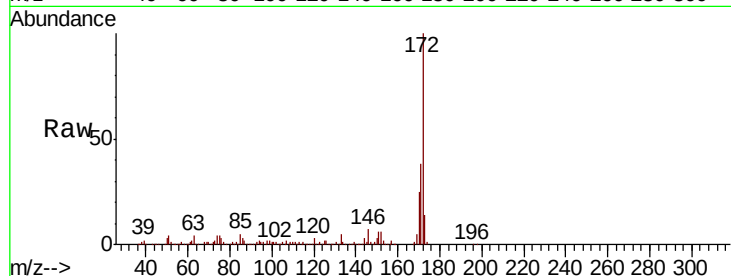




#45
2-Fluorobiphenyl
Concen: 86.164 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

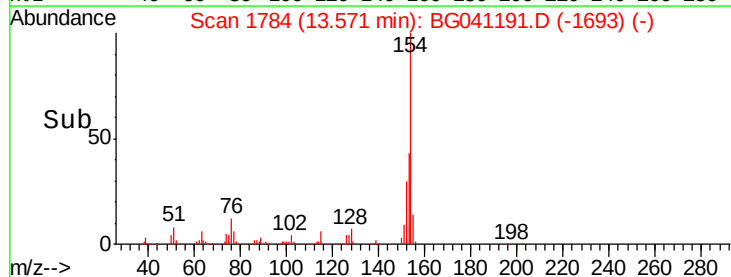
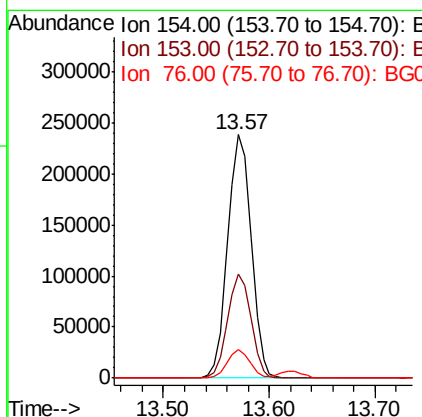
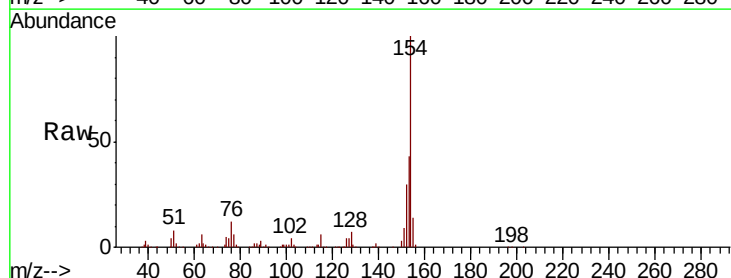
Instrument :
BNA_G
ClientSampled :

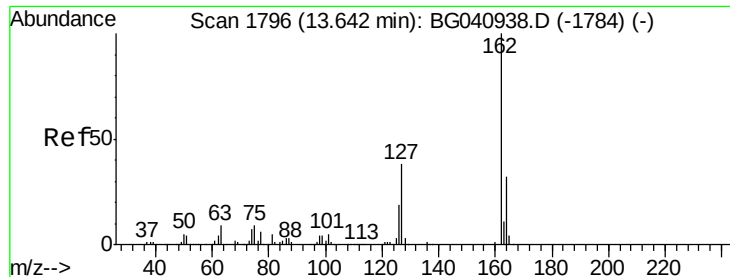
Tot Ion:172 Resp: 644544
Ion Ratio Lower Upper
172 100
171 37.9 31.1 46.7
170 25.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.089 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion:154 Resp: 367520
Ion Ratio Lower Upper
154 100
153 42.7 23.3 63.3
76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.507 ng

RT: 13.62 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampled :

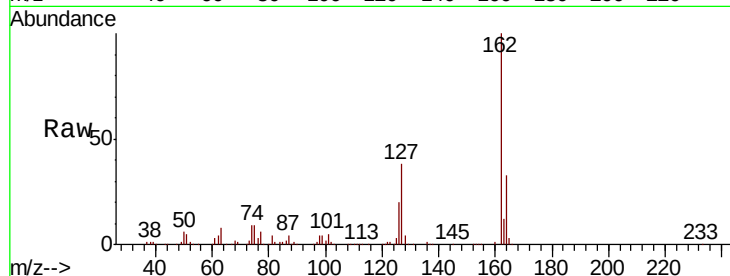
Tot Ion:162 Resp: 311524

Ion Ratio Lower Upper

162 100

127 38.3 30.5 45.7

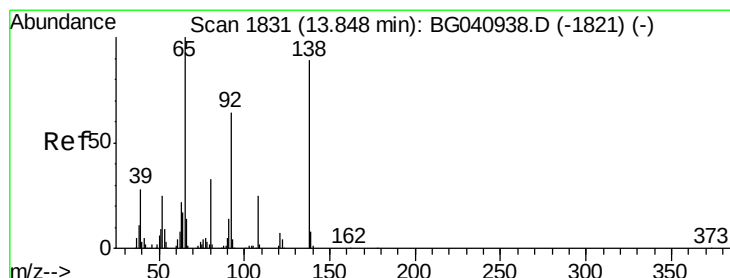
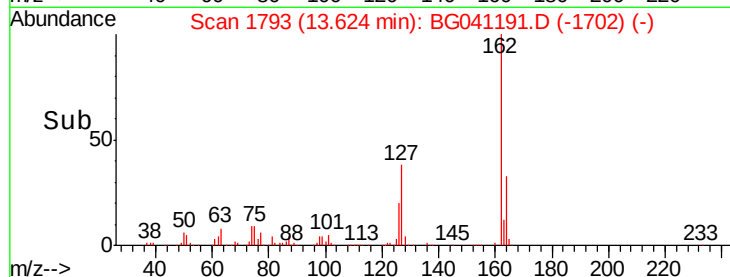
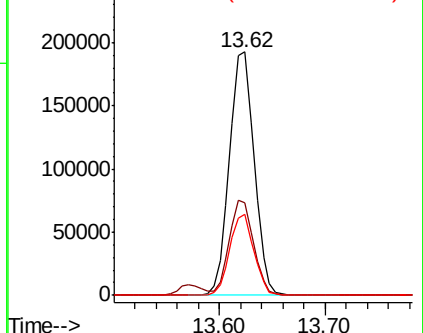
164 33.2 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.383 ng

RT: 13.83 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

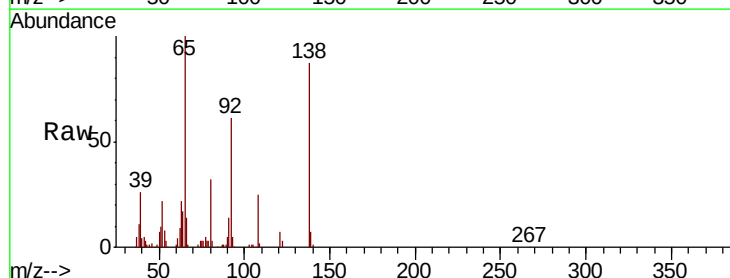
Tgt Ion: 65 Resp: 108999

Ion Ratio Lower Upper

65 100

92 61.3 51.0 76.6

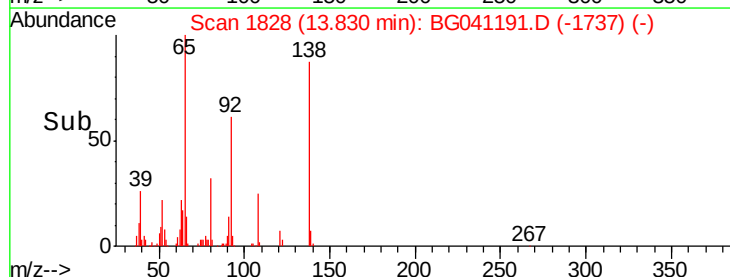
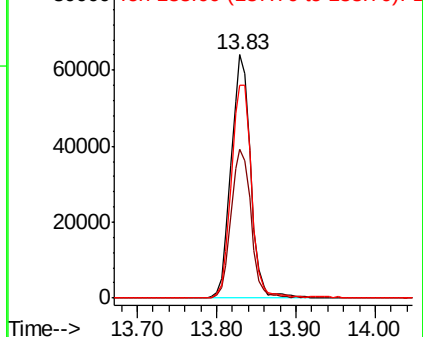
138 87.3 71.2 106.8

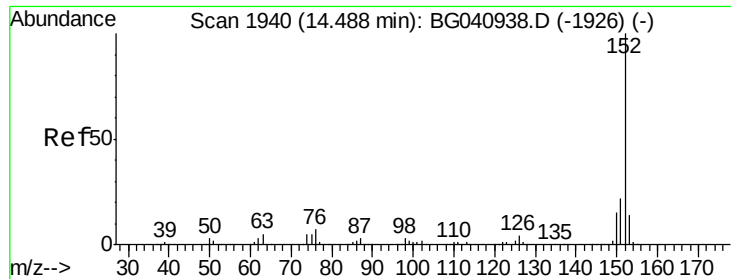


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.830 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

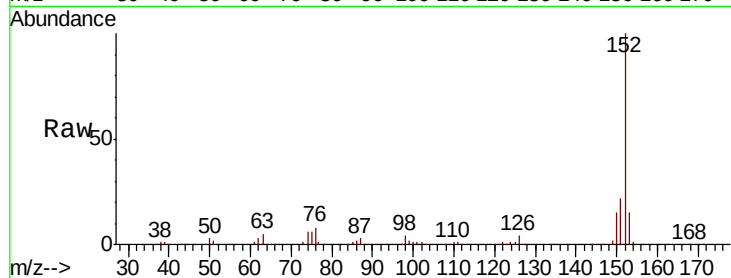
Tot Ion:152 Resp: 482489

Ion Ratio Lower Upper

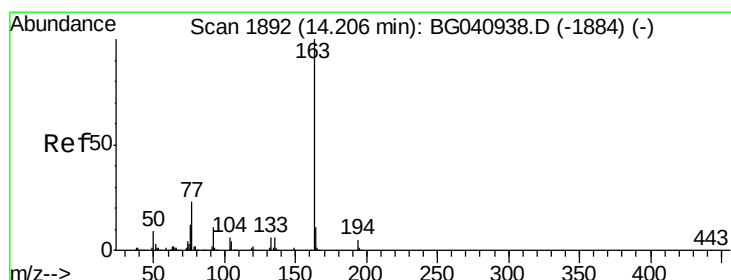
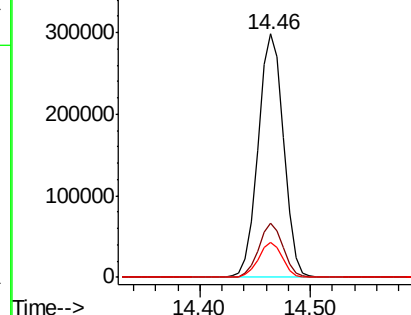
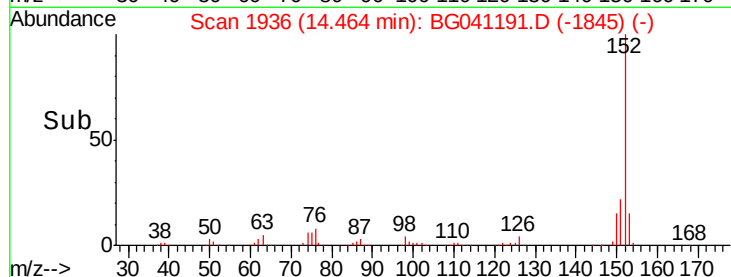
152 100

151 22.1 17.4 26.0

153 14.5 11.0 16.4



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



#50

Dimethylphthalate

Concen: 43.566 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

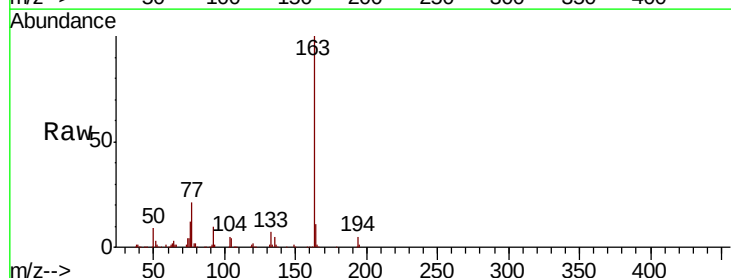
Tgt Ion:163 Resp: 397279

Ion Ratio Lower Upper

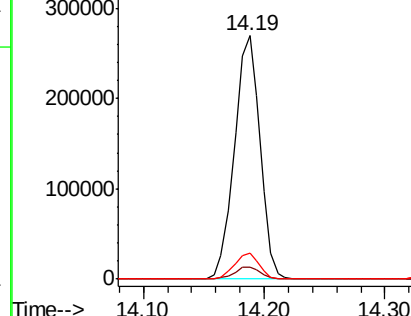
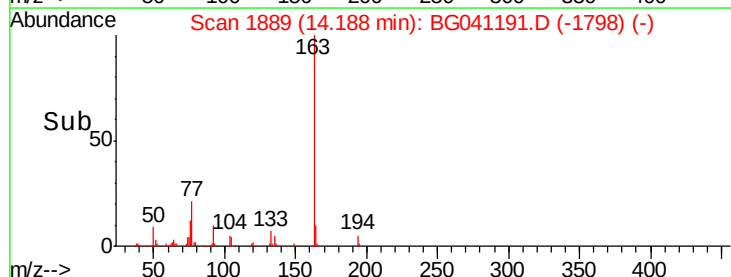
163 100

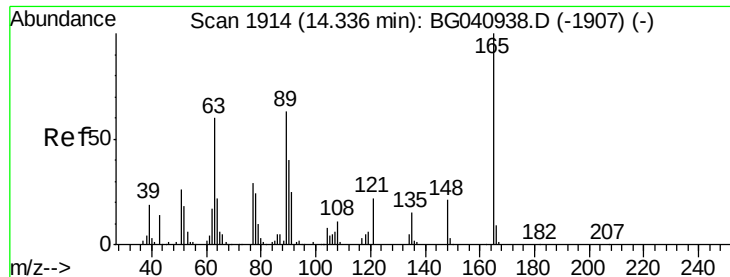
194 4.9 3.8 5.8

164 10.7 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: 46.593 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

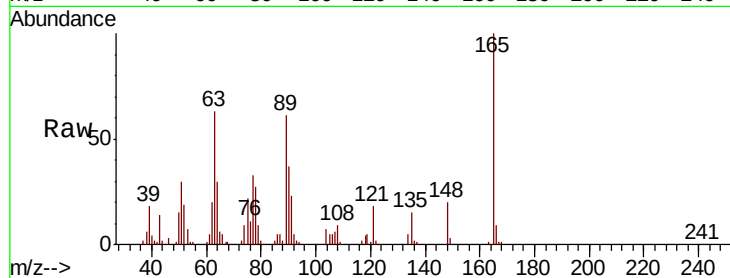
Tot Ion:165 Resp: 91608

Ion Ratio Lower Upper

165 100

63 62.6 53.6 80.4

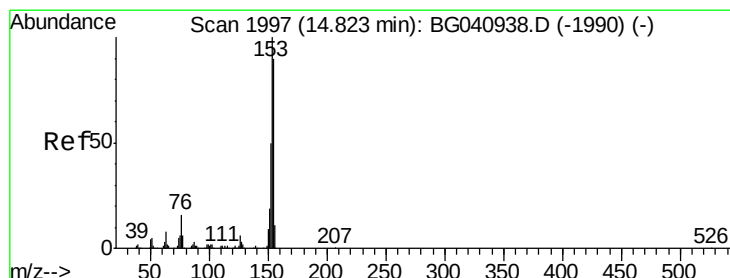
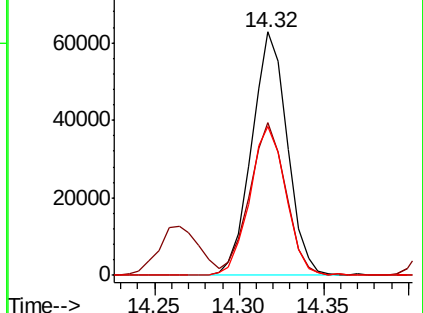
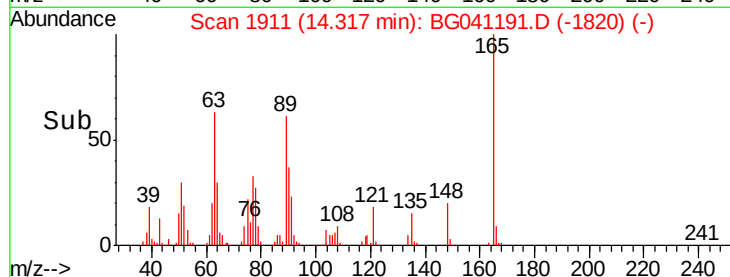
89 61.3 50.4 75.6



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: 45.144 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

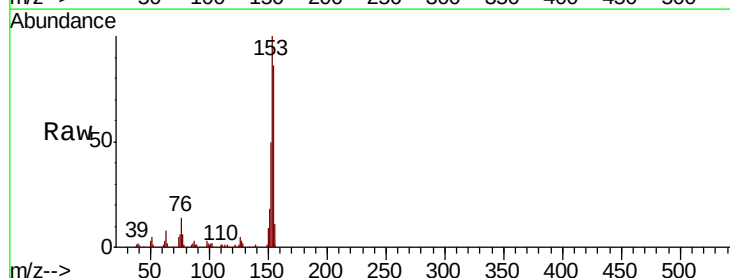
Tgt Ion:154 Resp: 281771

Ion Ratio Lower Upper

154 100

153 116.9 88.6 133.0

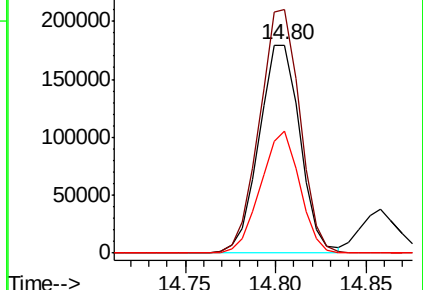
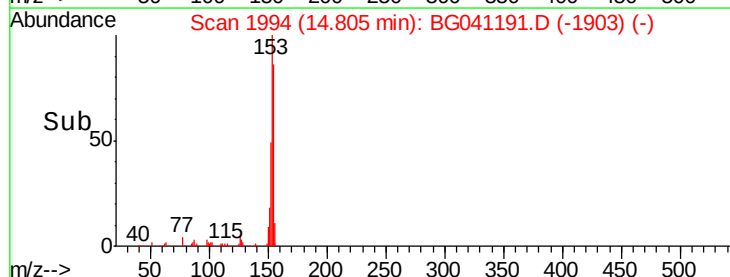
152 58.4 44.2 66.4

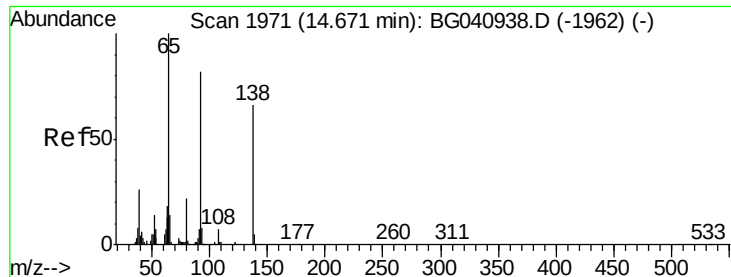


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.239 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

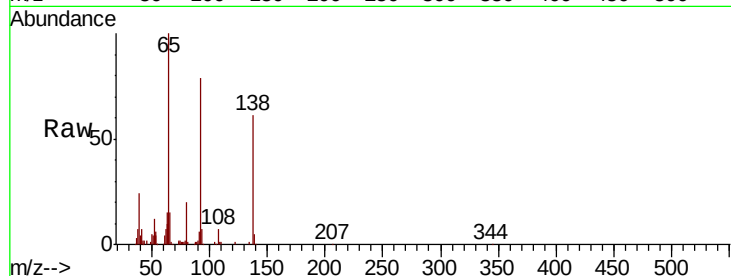
Tot Ion:138 Resp: 63385

Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

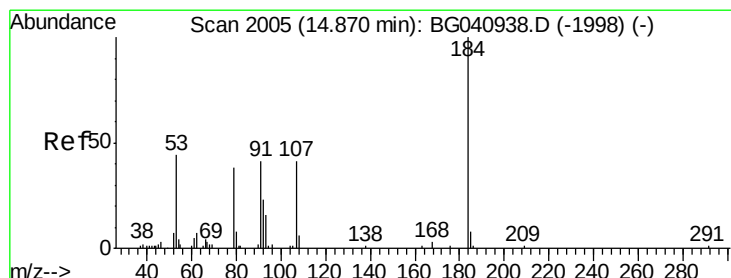
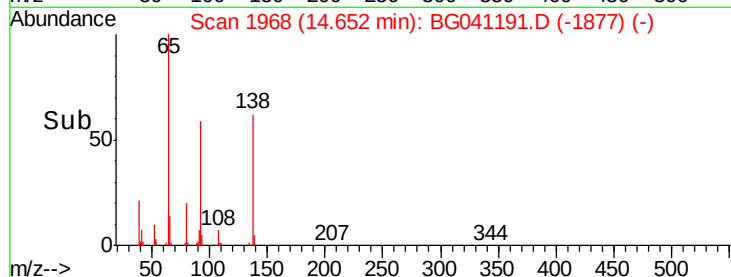
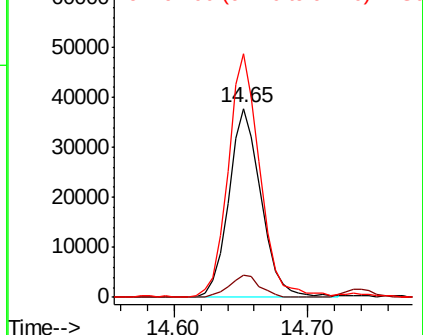
92 129.1 99.0 148.6



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: 88.384 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

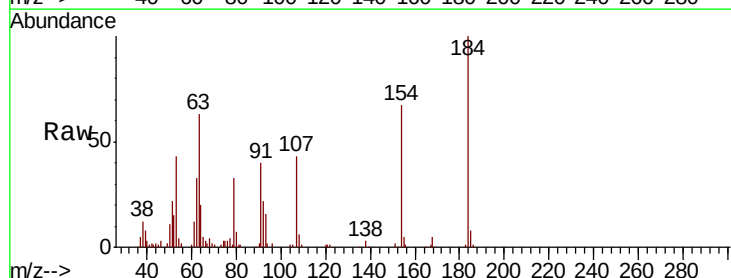
Tgt Ion:184 Resp: 94680

Ion Ratio Lower Upper

184 100

63 63.1 49.8 74.6

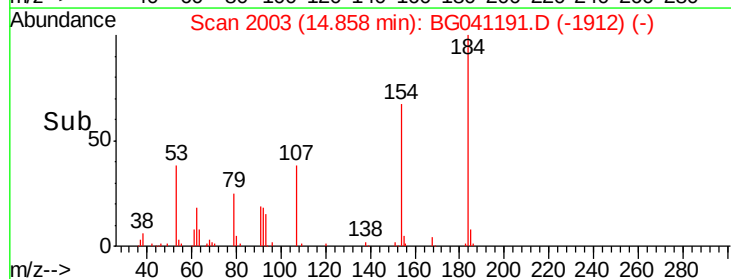
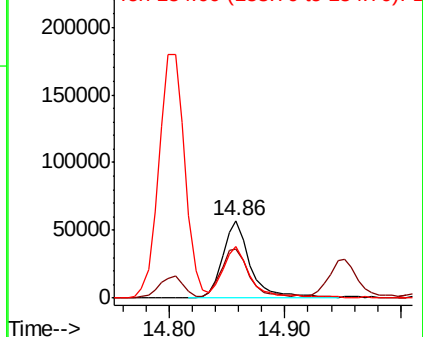
154 66.7 52.2 78.4

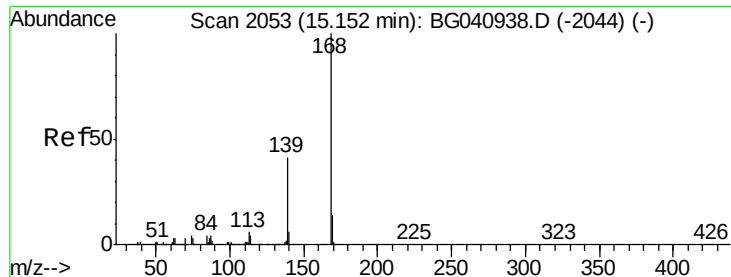


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

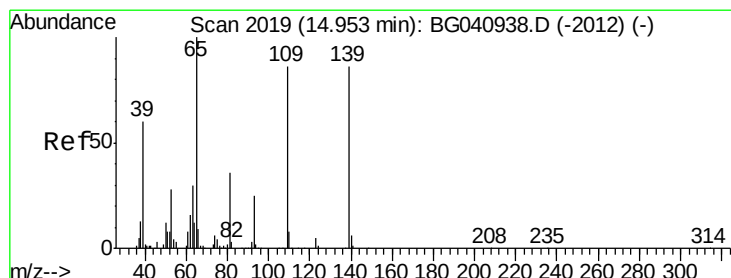
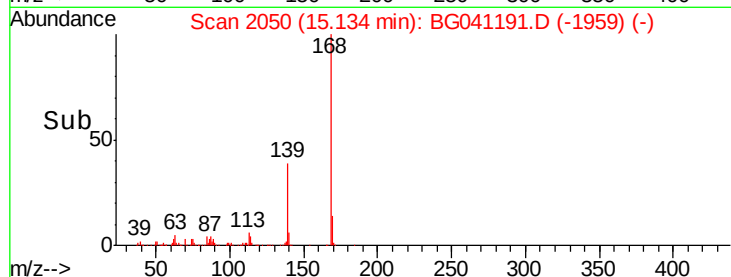
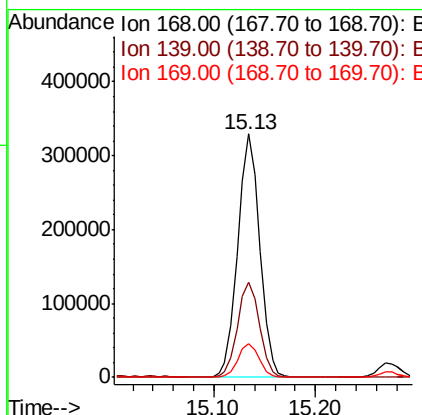
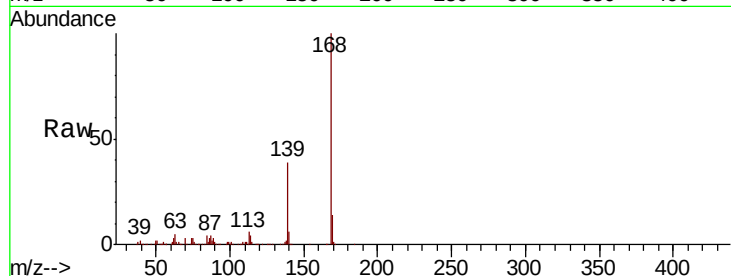




#55
Dibenzofuran
Concen: 47.238 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

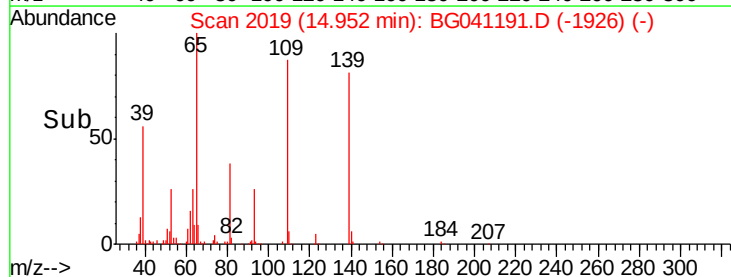
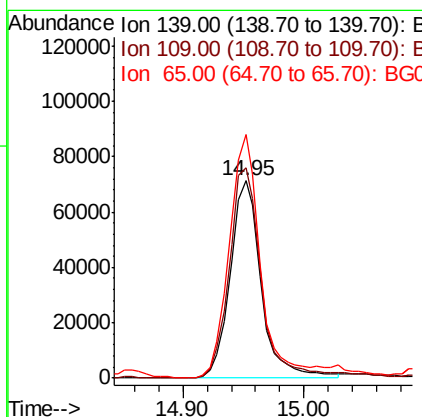
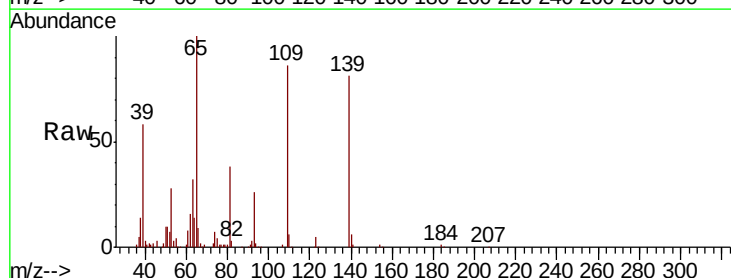
Instrument :
BNA_G
ClientSampleId :

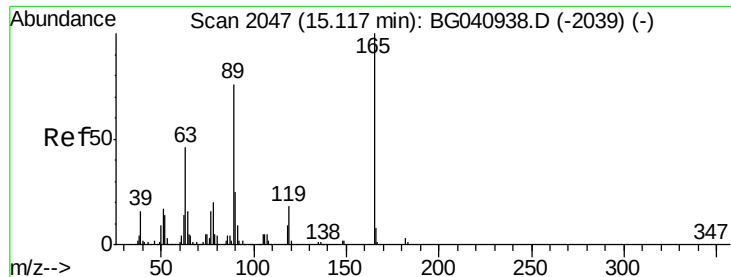
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.8	49.2
169	13.7	11.3	16.9



#56
4-Nitrophenol
Concen: 94.662 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.7	79.6	119.6
65	123.4	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.097 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 128026

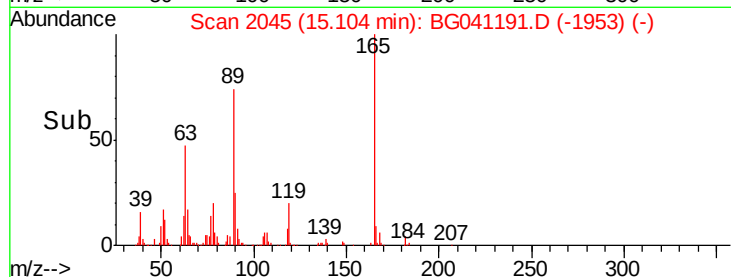
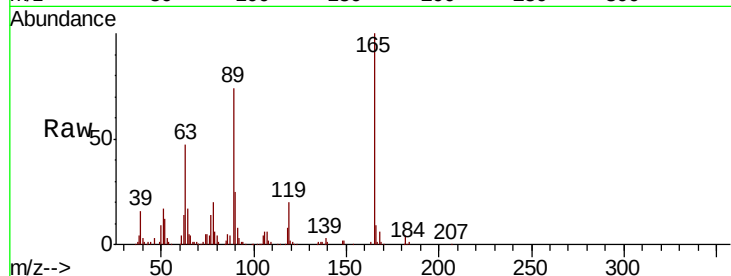
Ion Ratio Lower Upper

165 100

63 47.4 37.3 55.9

89 74.3 61.0 91.6

182 3.8 2.2 3.2#

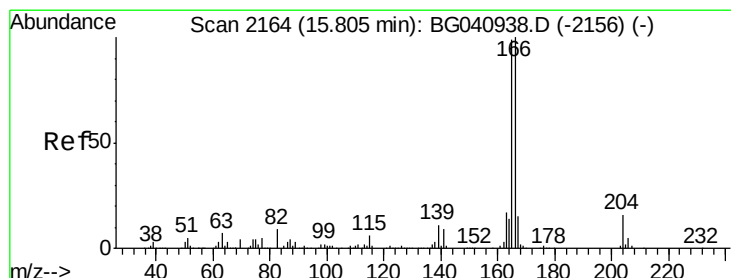
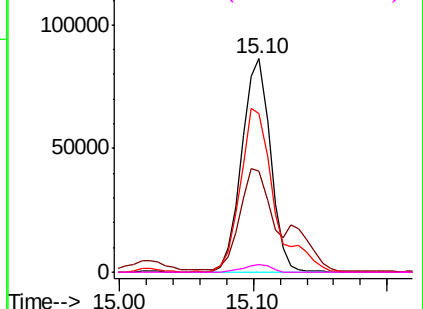


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.372 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

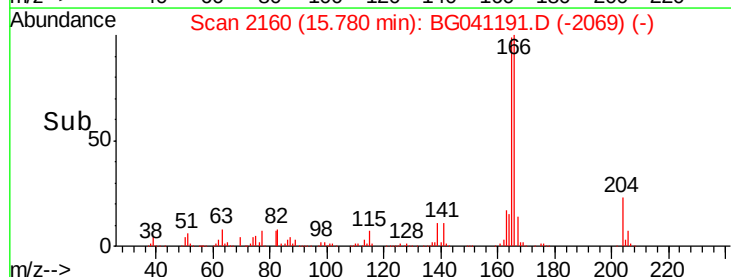
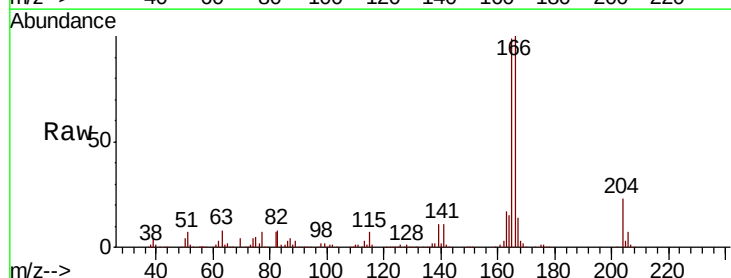
Tgt Ion:166 Resp: 387852

Ion Ratio Lower Upper

166 100

165 98.8 79.2 118.8

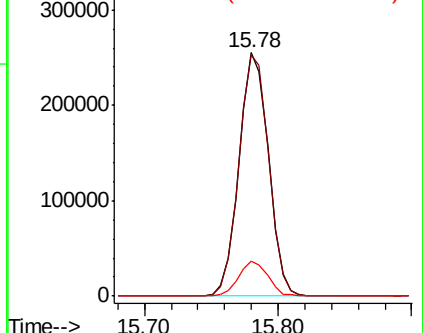
167 14.4 11.8 17.6

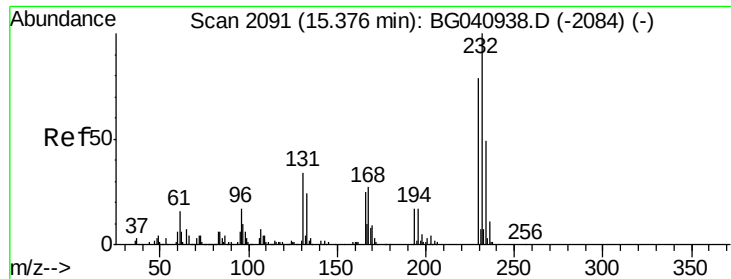


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

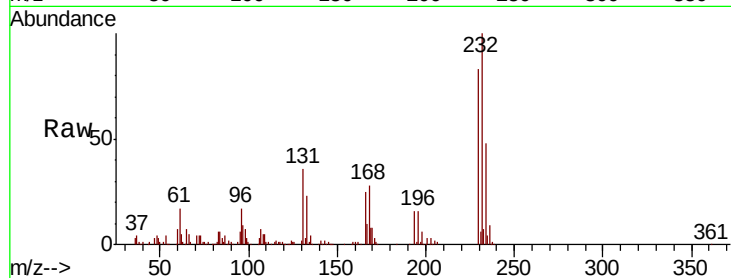




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.305 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.0	30.3	45.5
130	2.3	1.8	2.8
166	25.0	21.3	31.9



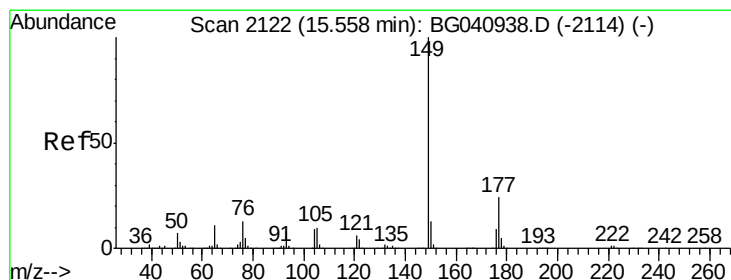
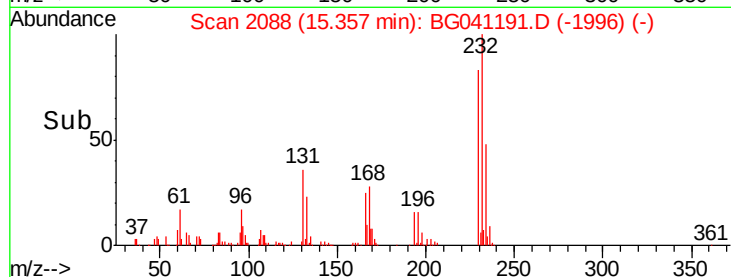
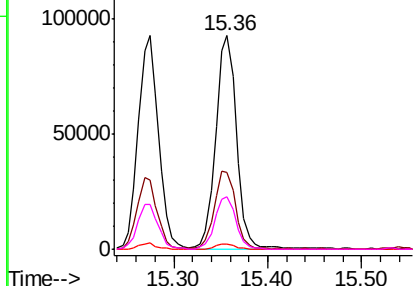
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

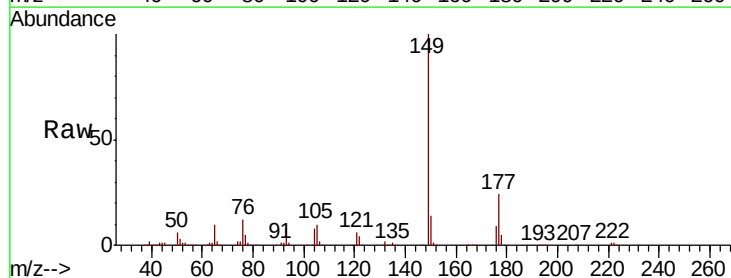
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.178 ng
RT: 15.54 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.5	10.3	15.5

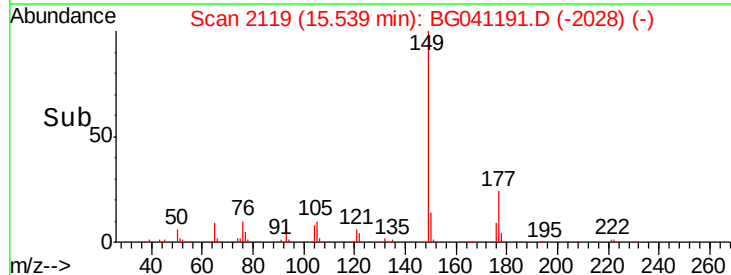
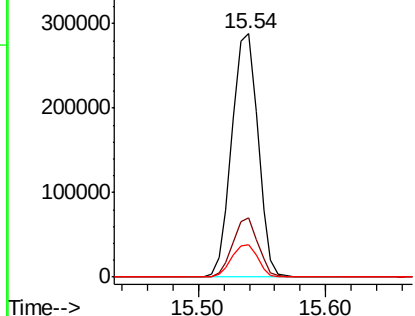


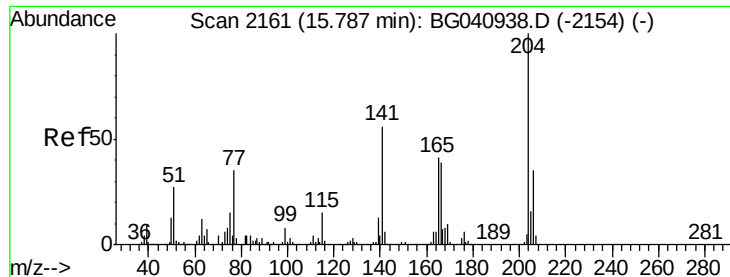
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

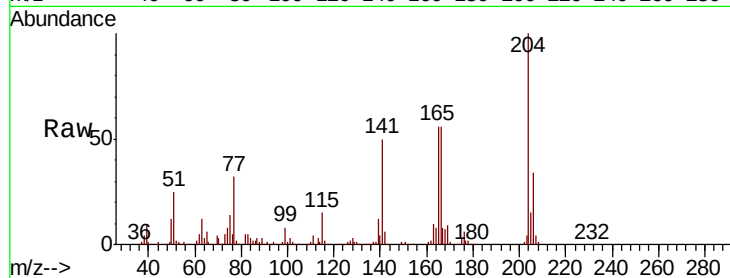




#61
4-Chlorophenyl-phenylether
Concen: 45.865 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.6	41.4
141	50.3	45.1	67.7

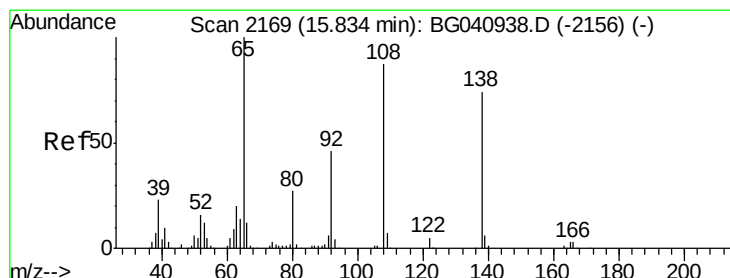
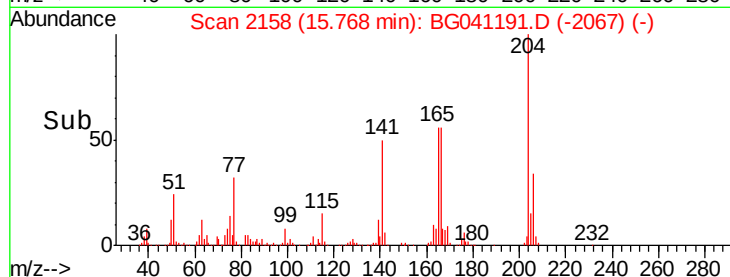
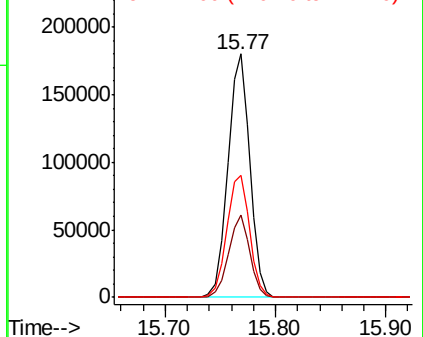


Abundance

Ion 204.00 (203.70 to 204.70): E

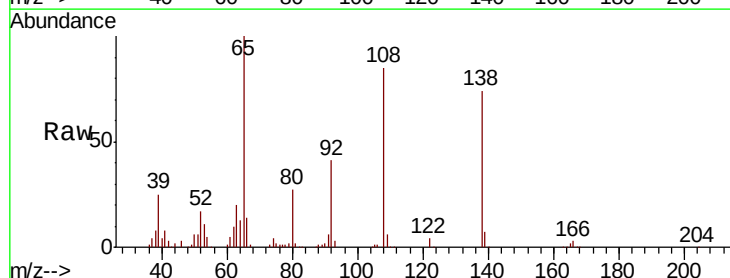
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.439 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	42.4	82.4
108	114.2	96.9	136.9

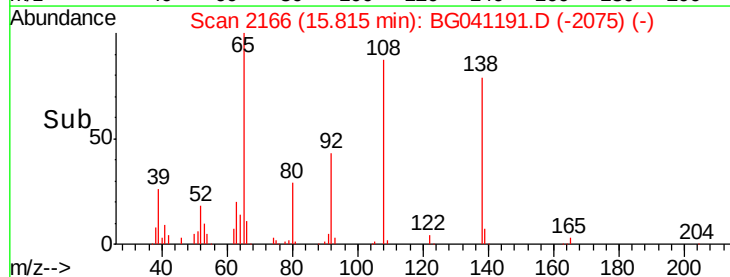
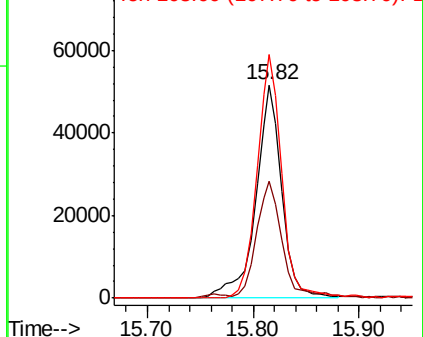


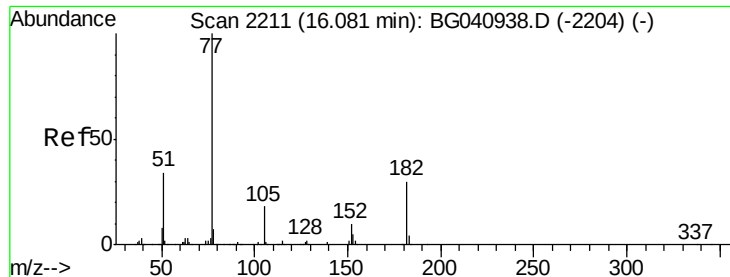
Abundance

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: 45.733 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 386822

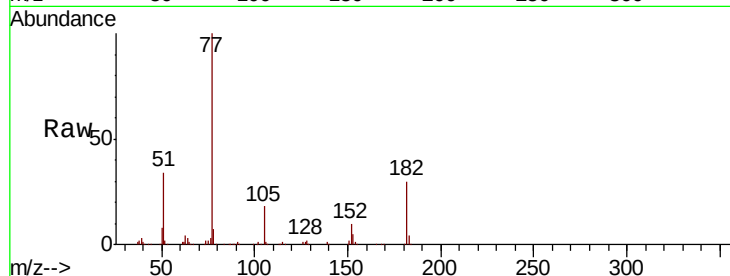
Ion Ratio Lower Upper

77 100

182 29.8 9.6 49.6

105 18.4 0.0 37.5

51 33.7 13.7 53.7

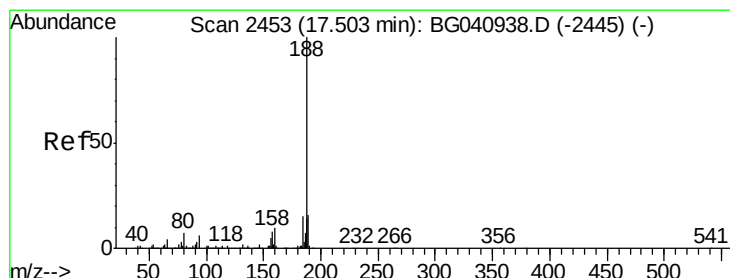
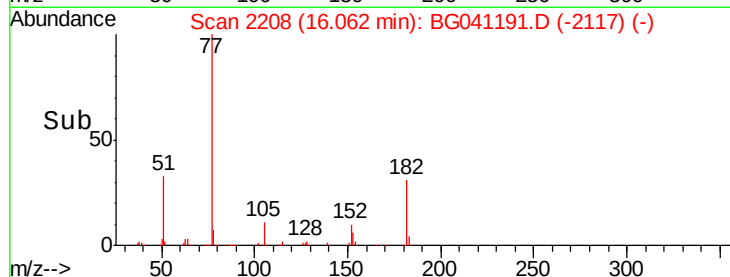
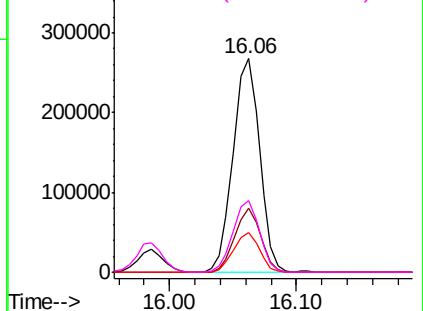


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

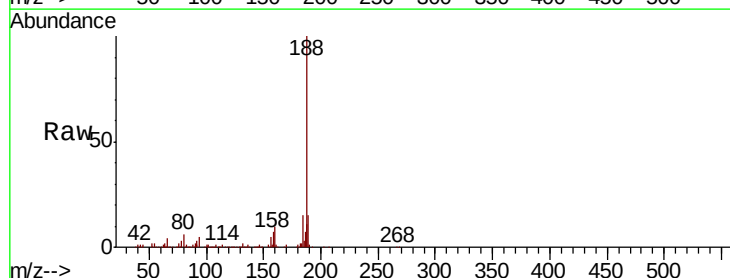
Tgt Ion: 188 Resp: 271326

Ion Ratio Lower Upper

188 100

94 4.9 4.7 7.1

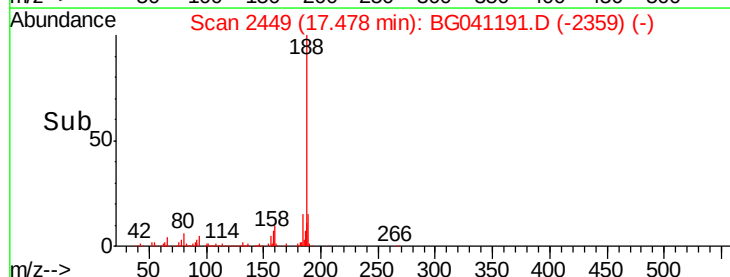
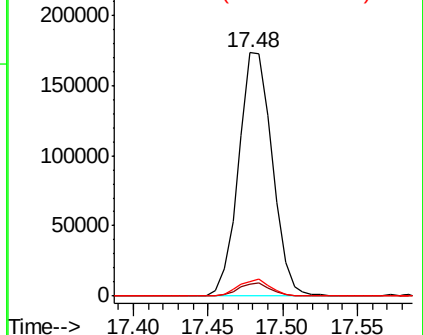
80 6.0 5.8 8.8

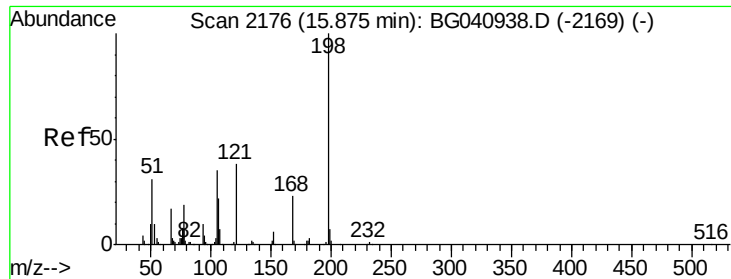


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

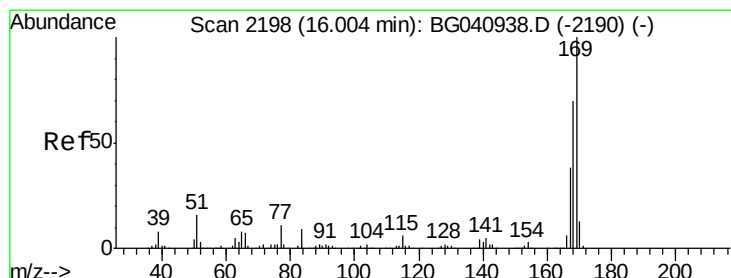
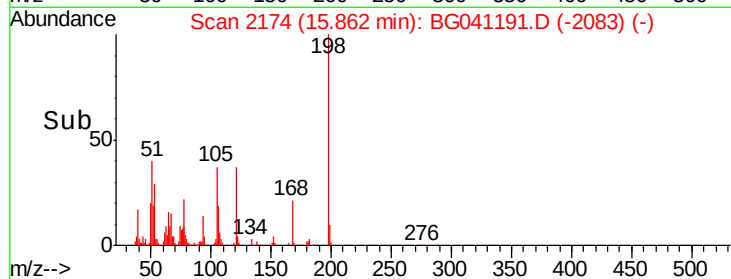
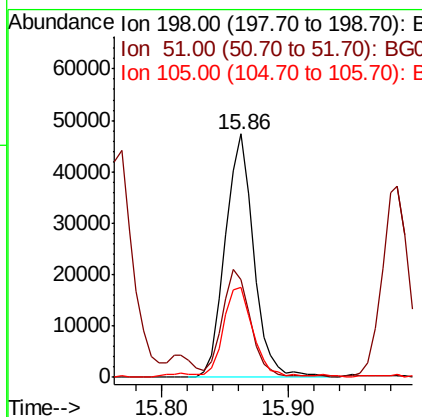
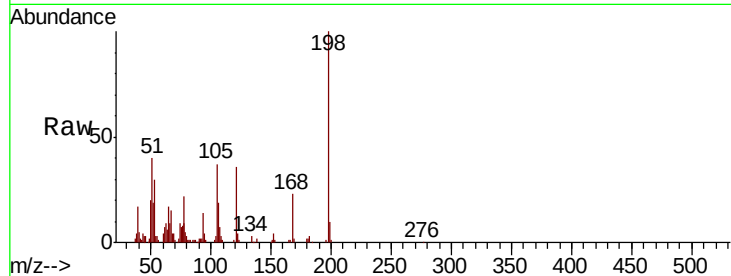




#65
4,6-Dinitro-2-methylphenol
Concen: 50.167 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

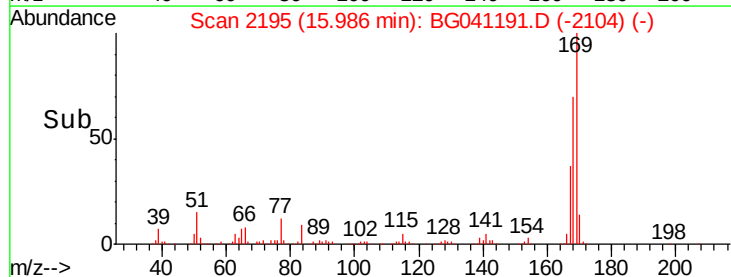
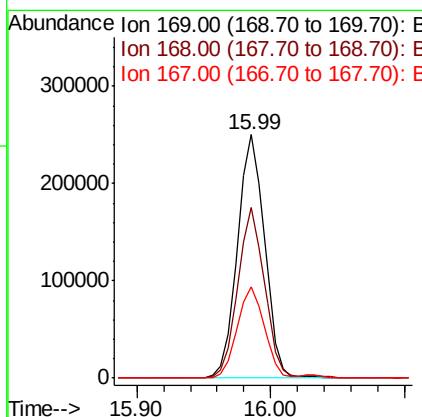
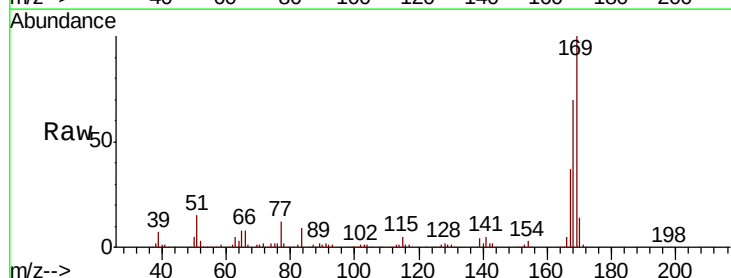
Instrument :
BNA_G
ClientSampleId :

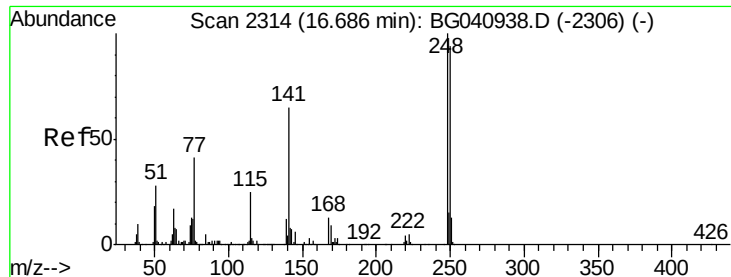
Tot Ion:198 Resp: 73626
Ion Ratio Lower Upper
198 100
51 40.3 21.6 61.6
105 37.2 17.5 57.5



#66
n-Nitrosodiphenylamine
Concen: 46.189 ng
RT: 15.99 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion:169 Resp: 352298
Ion Ratio Lower Upper
169 100
168 69.9 55.7 83.5
167 37.5 30.2 45.2

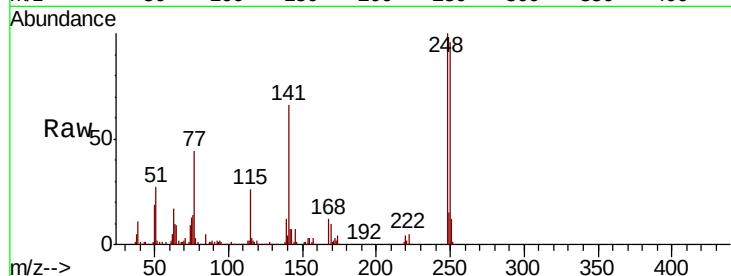




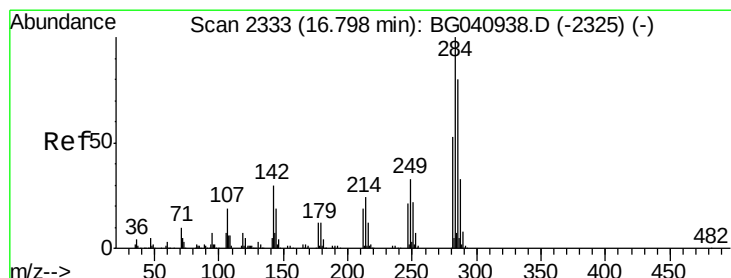
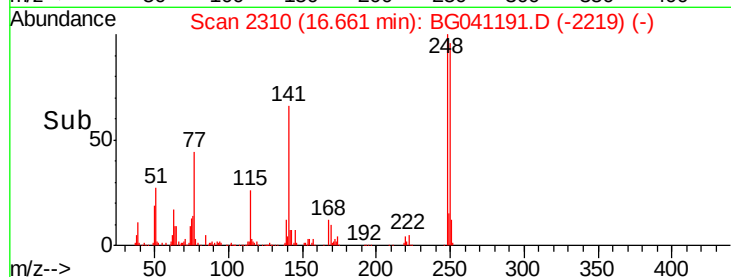
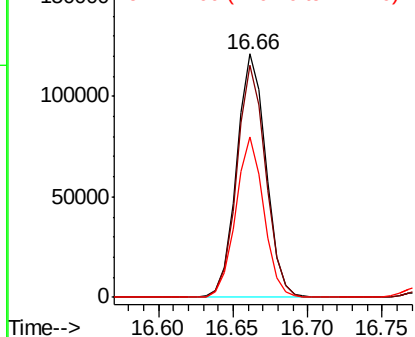
#67
4-Bromophenyl-phenylether
Concen: 45.249 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 165687
Ion Ratio Lower Upper
248 100
250 95.6 75.0 112.4
141 65.8 52.4 78.6

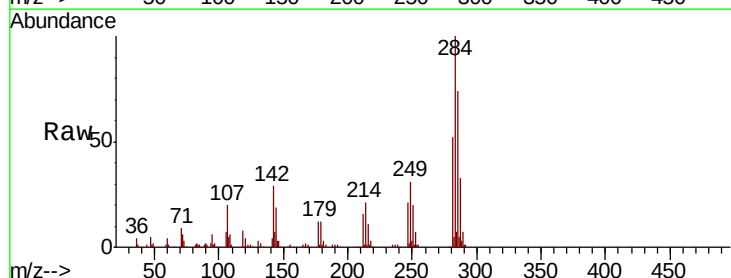


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

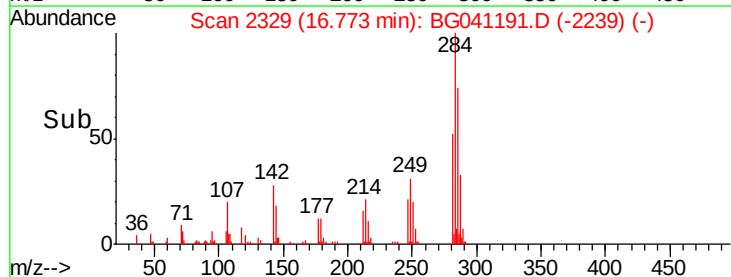
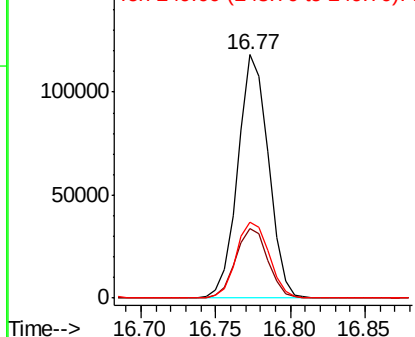


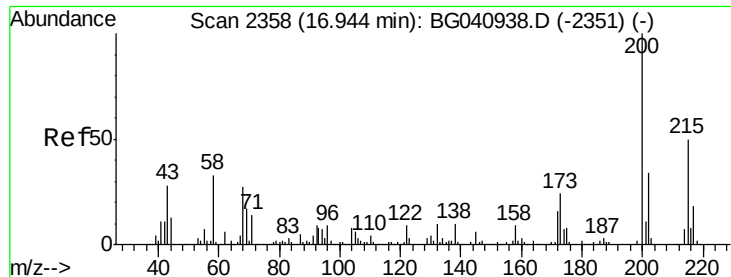
#68
Hexachlorobenzene
Concen: 43.111 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion:284 Resp: 168092
Ion Ratio Lower Upper
284 100
142 28.7 23.9 35.9
249 34.0 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

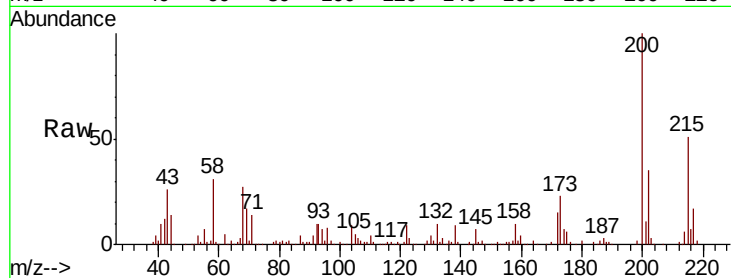




#69
 Atrazine
 Concen: 49.523 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.6	43.6
215	50.8	29.6	69.6

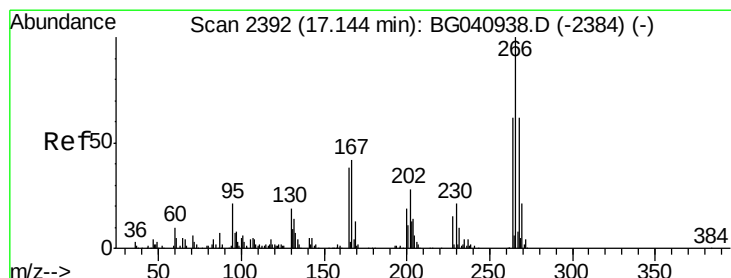
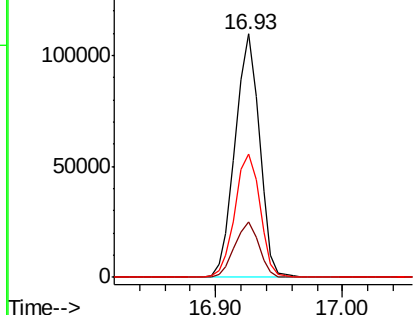
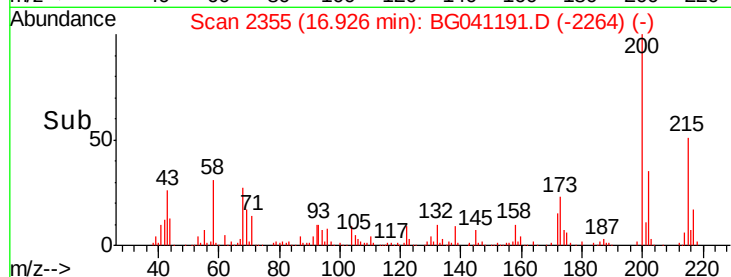


Abundance

Ion 200.00 (199.70 to 200.70): E

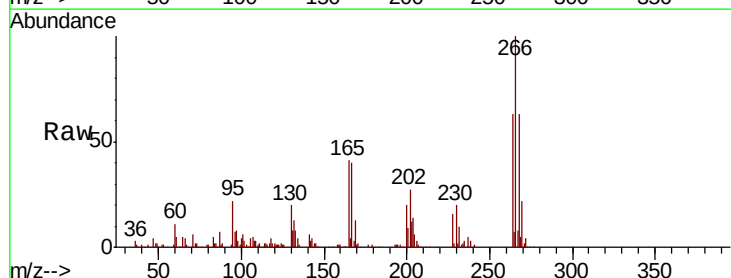
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 91.709 ng
 RT: 17.13 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	53.1	79.7
264	63.5	49.9	74.9

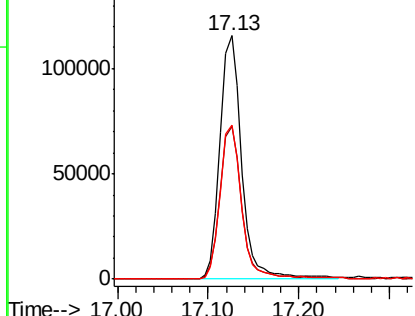
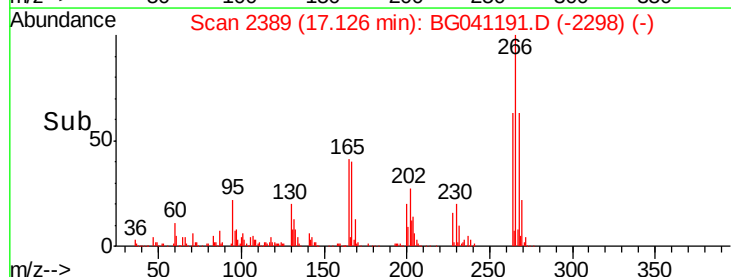


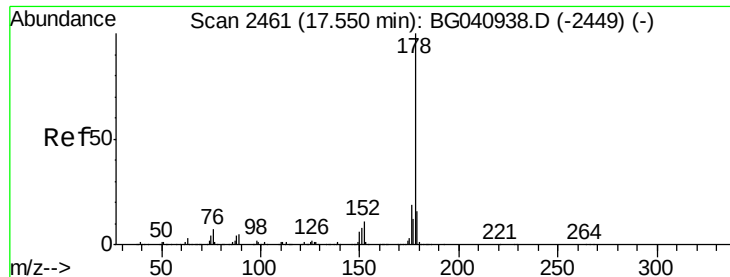
Abundance

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

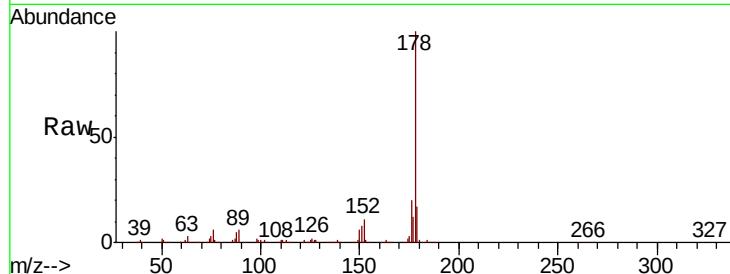




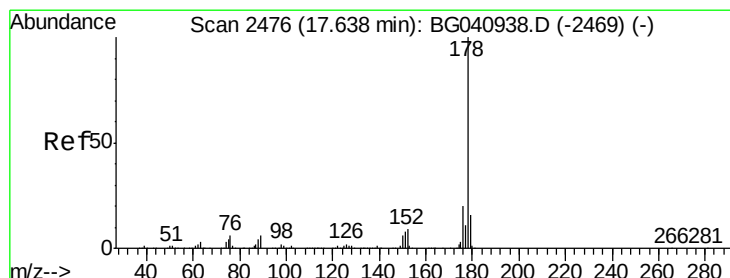
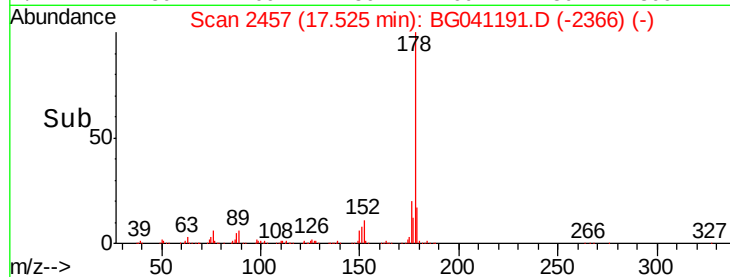
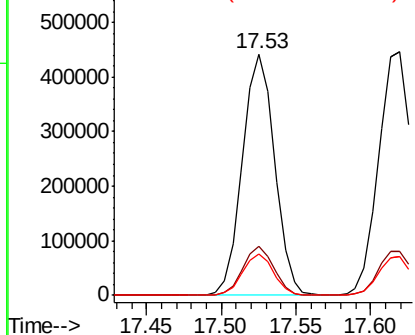
#71
Phenanthrene
Concen: 46.918 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	17.1	12.7	19.1

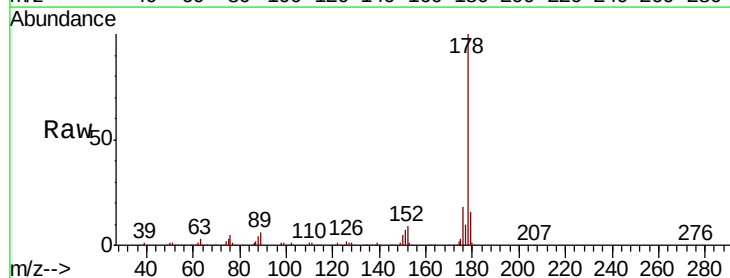


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

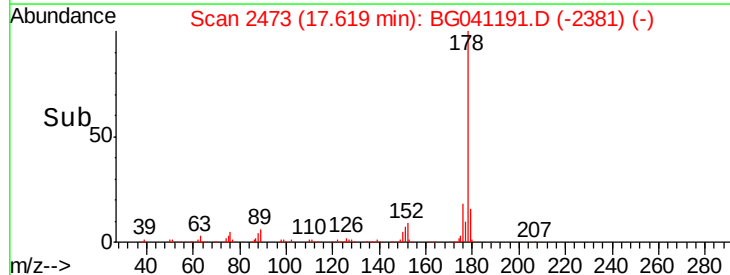
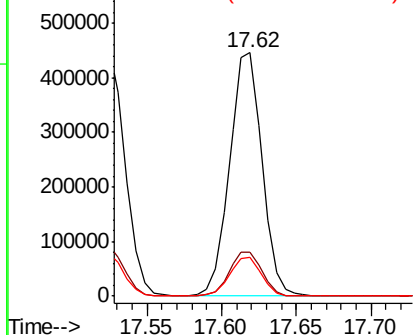


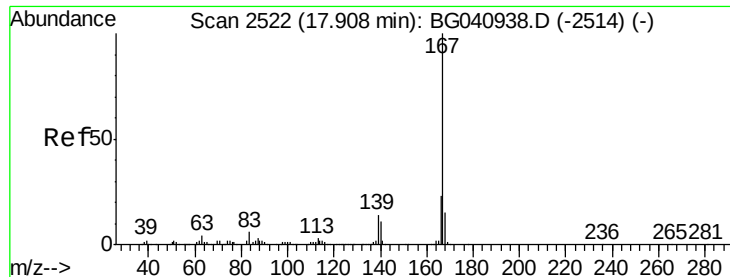
#72
Anthracene
Concen: 48.405 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	16.1	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

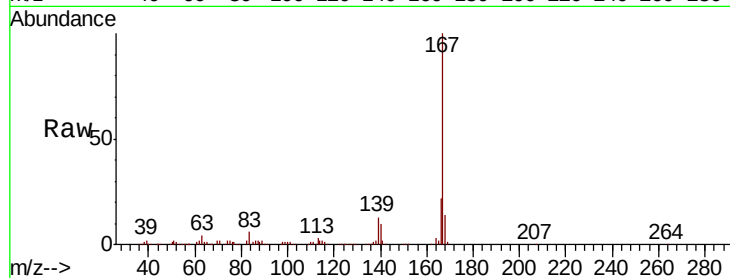




#73
 Carbazole
 Concen: 47.984 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	12.6	10.8	16.2

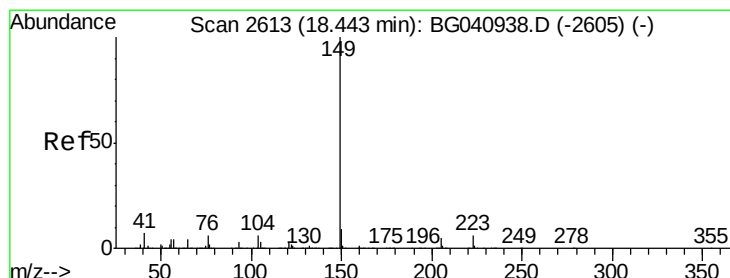
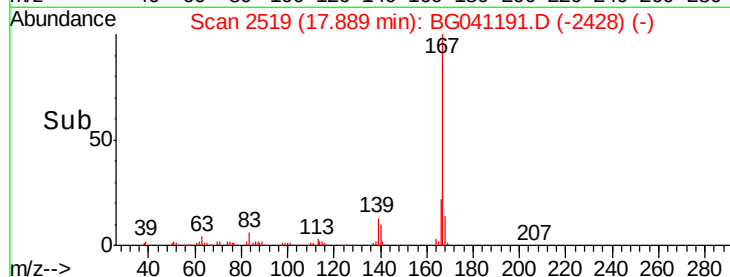
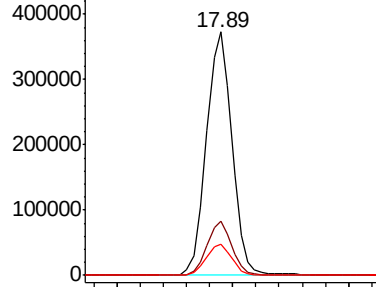


Abundance

Ion 167.00 (166.70 to 167.70): E

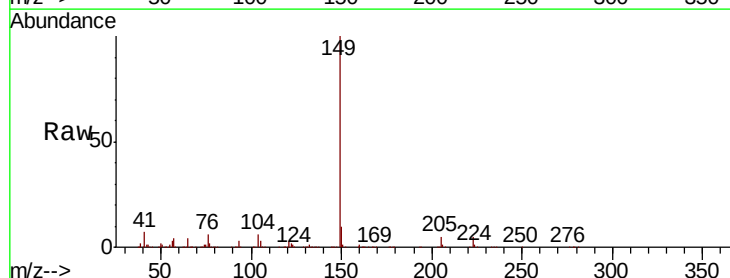
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 46.152 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041191.D
 Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	6.4	5.0	7.4

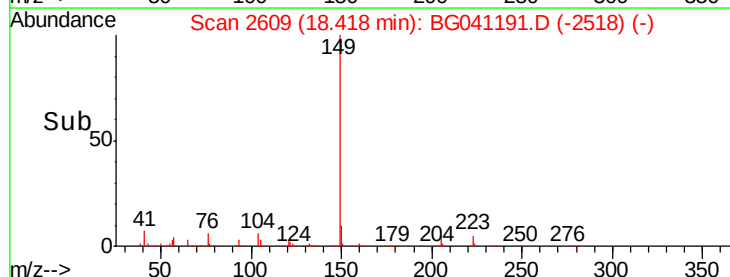
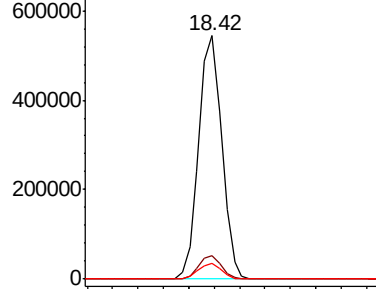


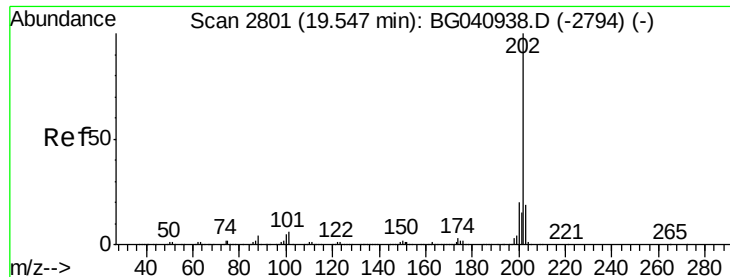
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.753 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

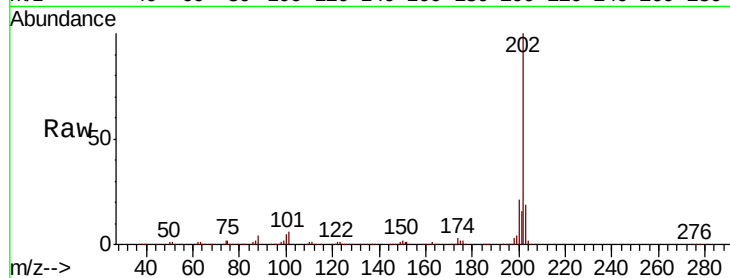
Tot Ion:202 Resp: 851054

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.2

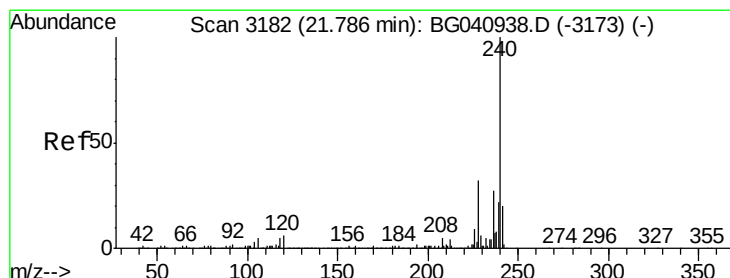
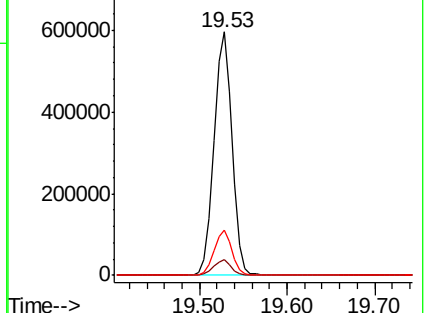
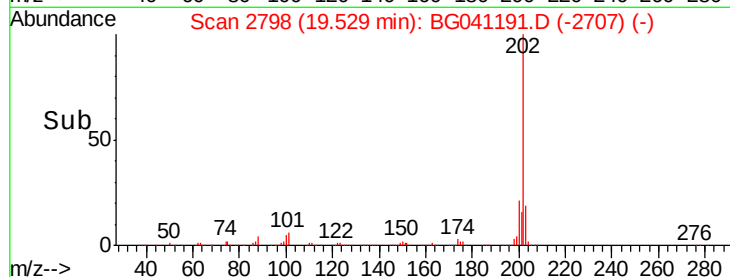
203 18.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

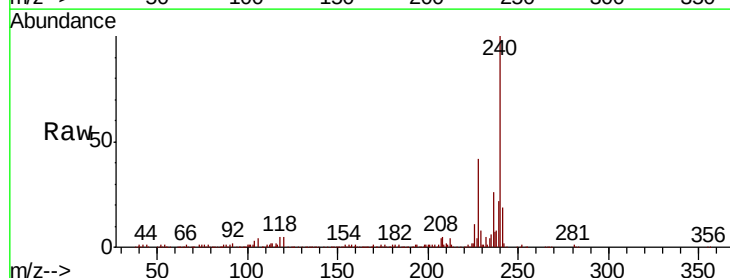
Tgt Ion:240 Resp: 270715

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

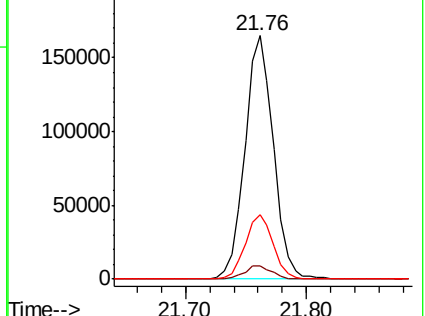
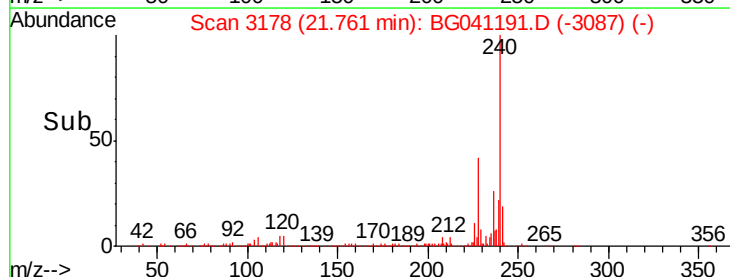
236 26.4 21.3 31.9

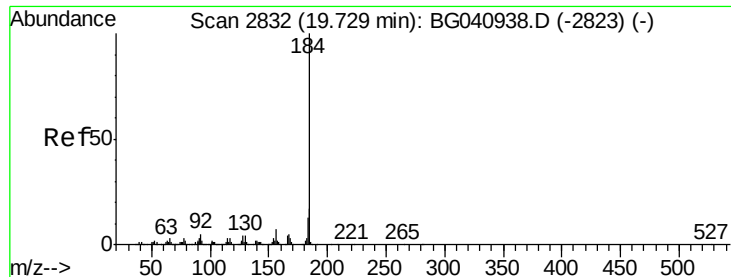


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.658 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

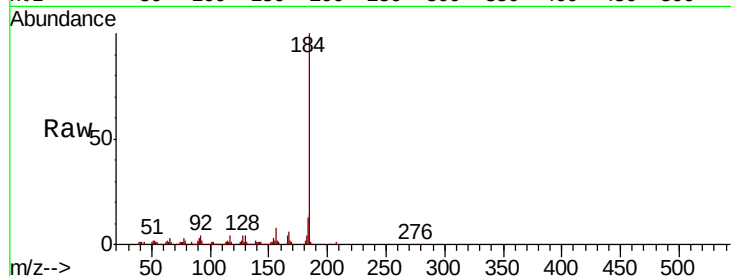
Tot Ion:184 Resp: 269025

Ion Ratio Lower Upper

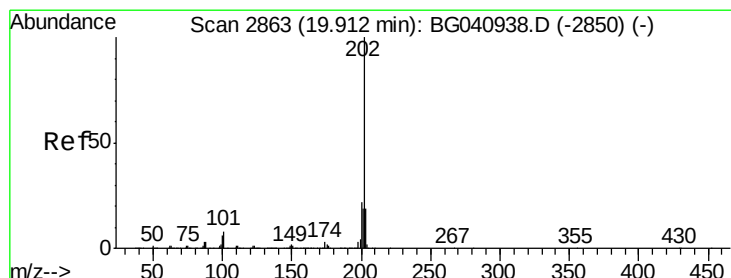
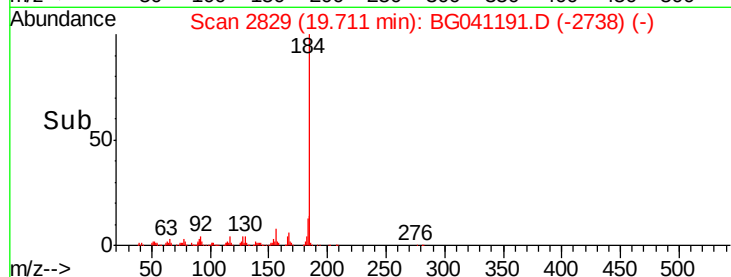
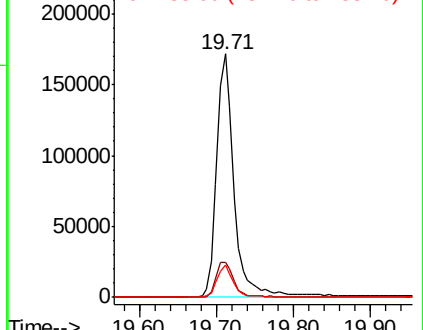
184 100

185 14.3 13.3 19.9

183 13.1 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: 48.107 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

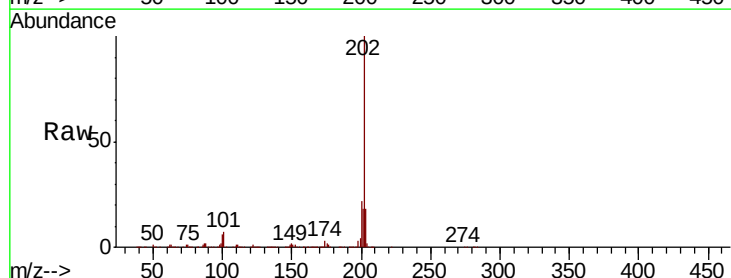
Tgt Ion:202 Resp: 846609

Ion Ratio Lower Upper

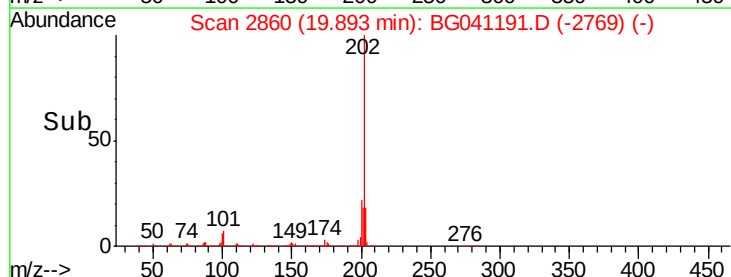
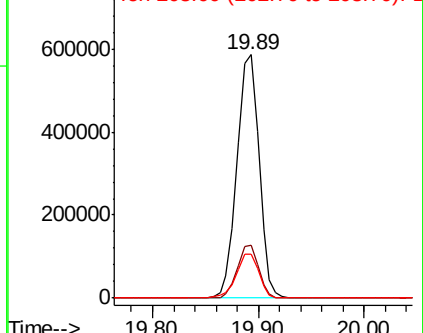
202 100

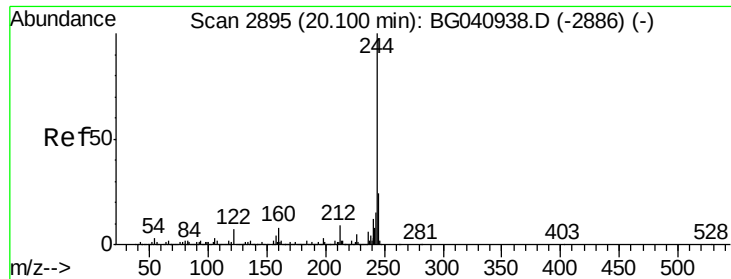
200 21.9 17.5 26.3

203 18.3 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: 92.521 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

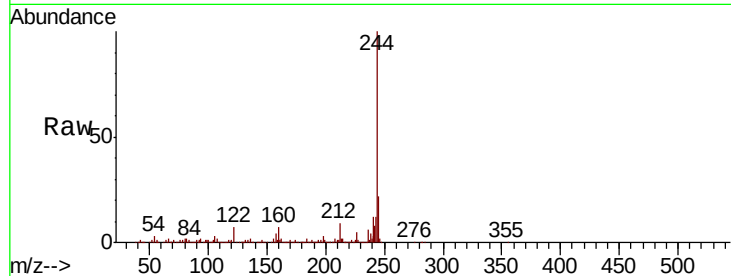
Tot Ion:244 Resp: 1180153

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

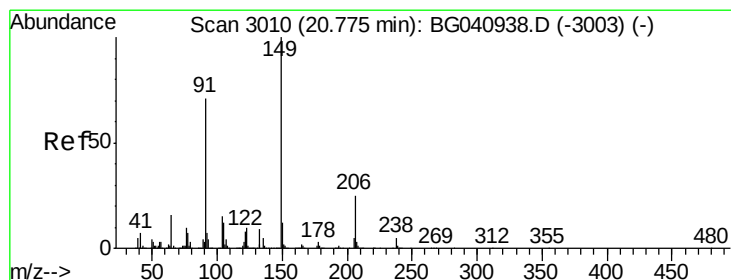
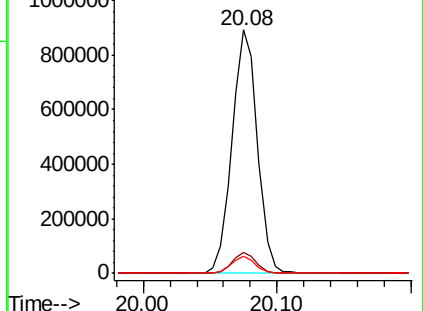
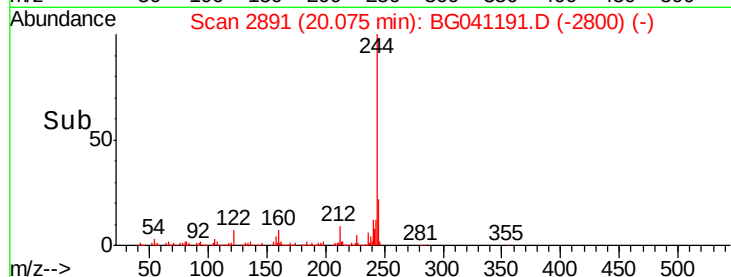
122 6.9 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.965 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

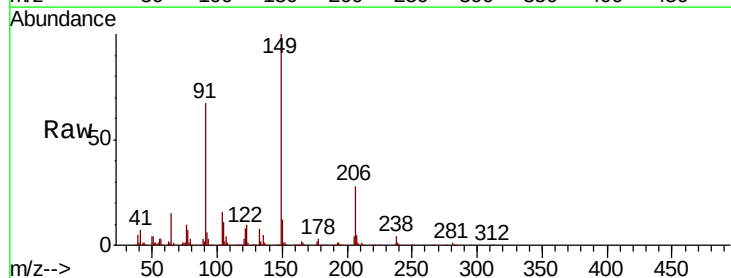
Tgt Ion:149 Resp: 314794

Ion Ratio Lower Upper

149 100

91 67.1 56.5 84.7

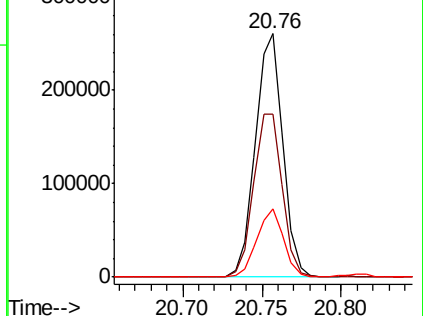
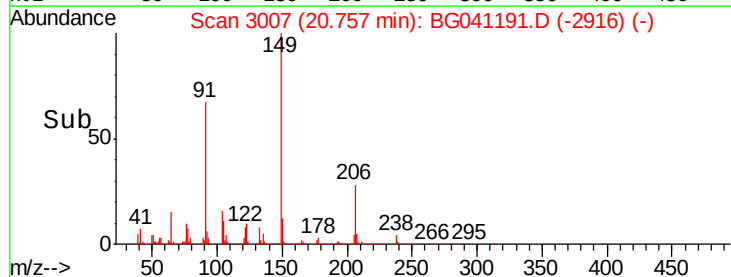
206 27.8 20.3 30.5

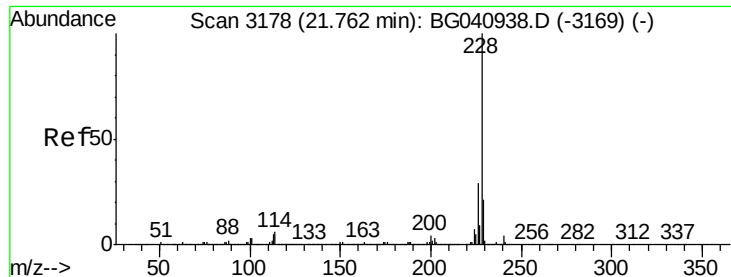


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.933 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

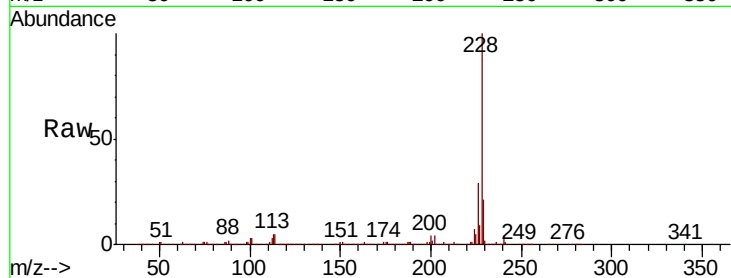
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 809718

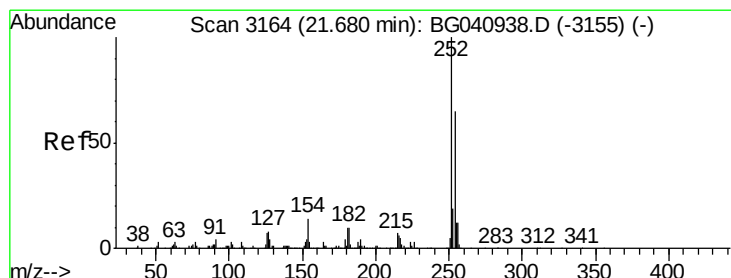
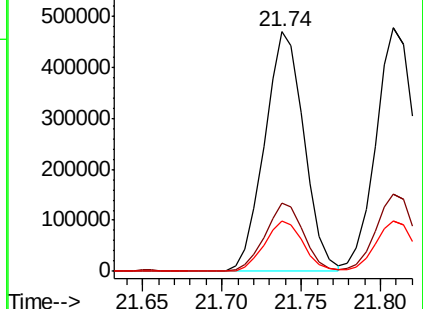
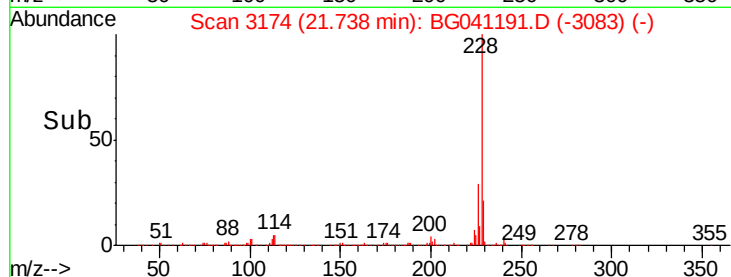
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	21.2	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.085 ng

RT: 21.66 min Scan# 3160

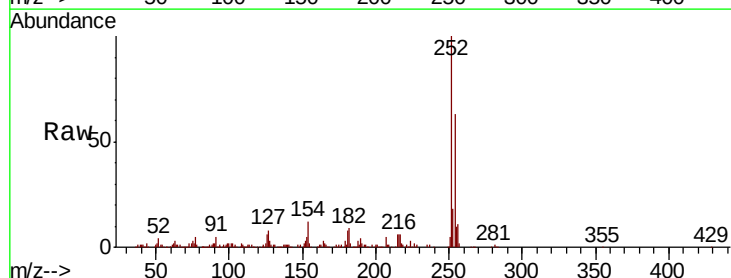
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:252 Resp: 203361

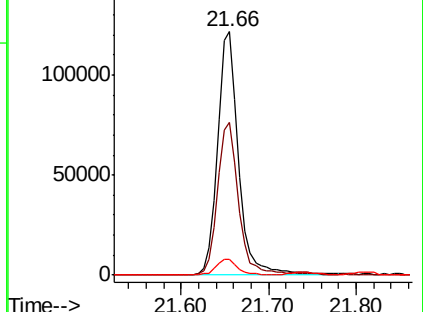
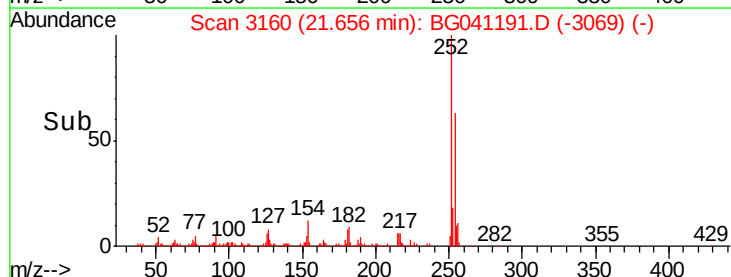
Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.1	78.1
126	6.5	5.5	8.3

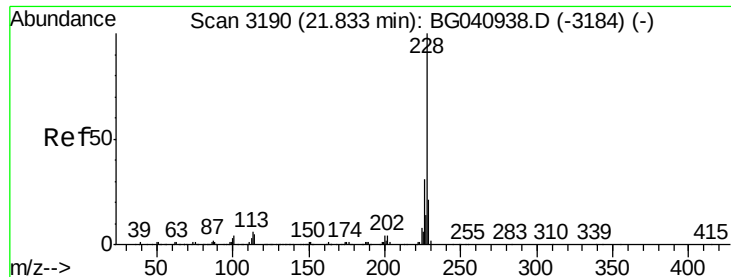


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.605 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

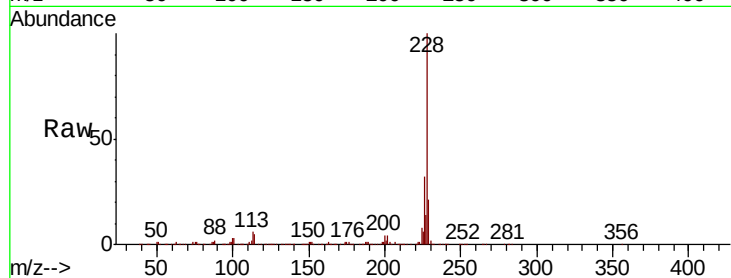
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 803697

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	20.8	16.6	24.8

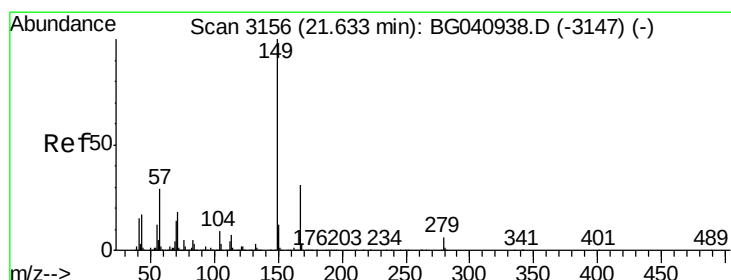
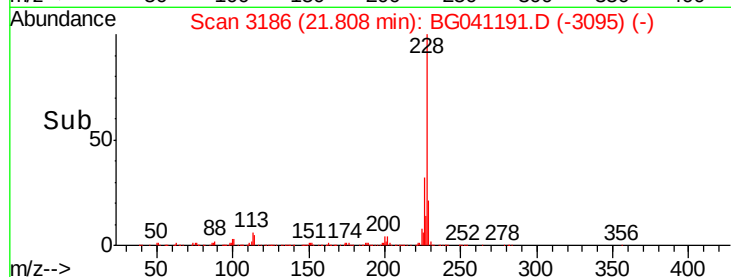
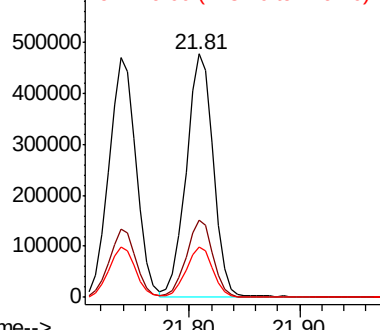


Abundance

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: 45.325 ng

RT: 21.61 min Scan# 3152

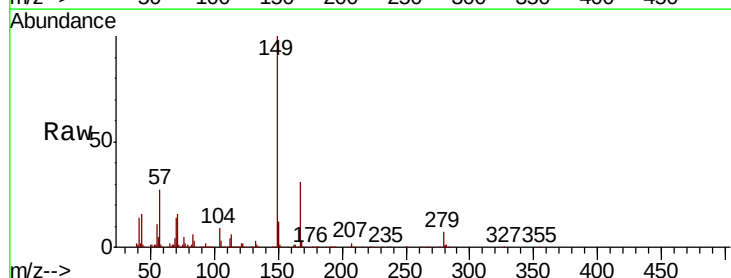
Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:149 Resp: 436965

Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.6	37.0
279	6.9	5.0	7.6

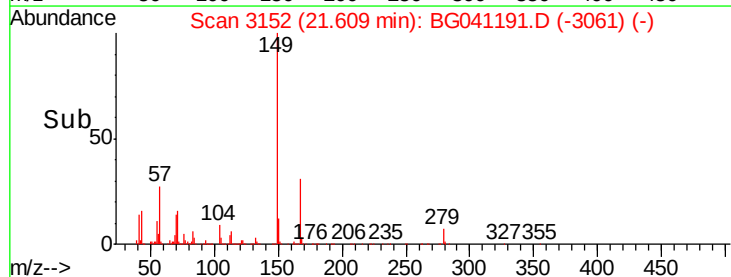
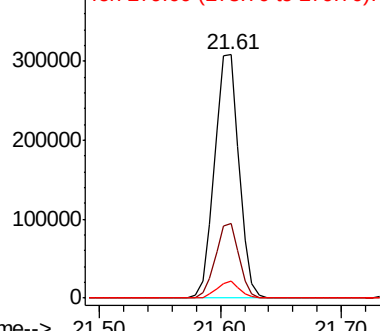


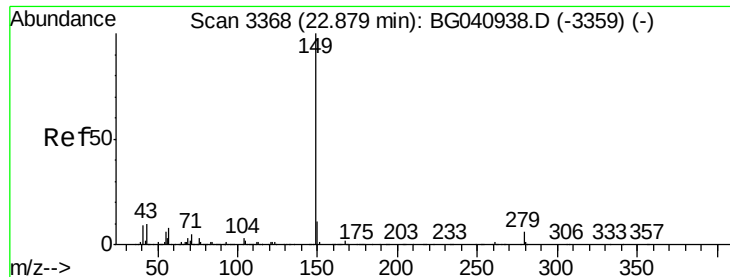
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.354 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041191.D

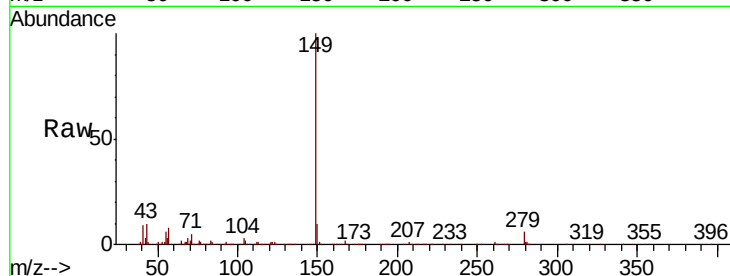
Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampled :

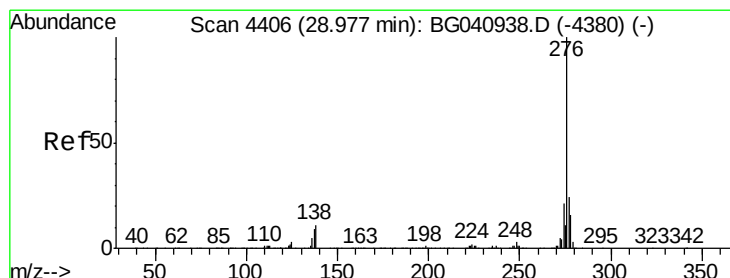
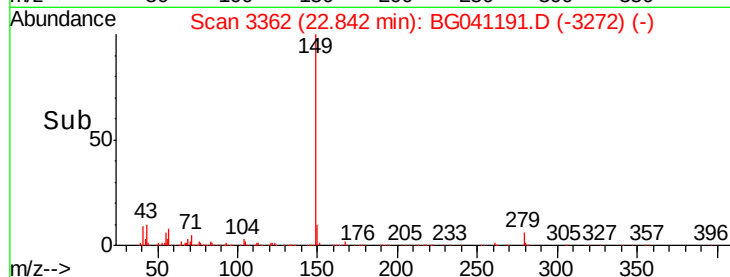
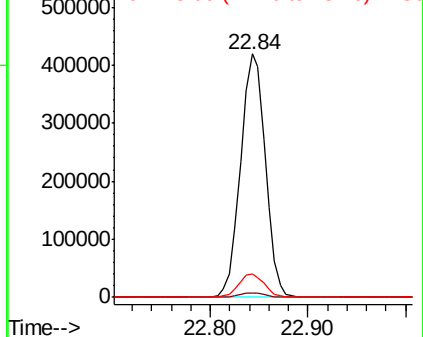
Tot Ion:149	Resp:	744260
Ion Ratio	Lower	Upper
149	100	
167	1.9	1.4 2.0
43	9.6	8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.696 ng

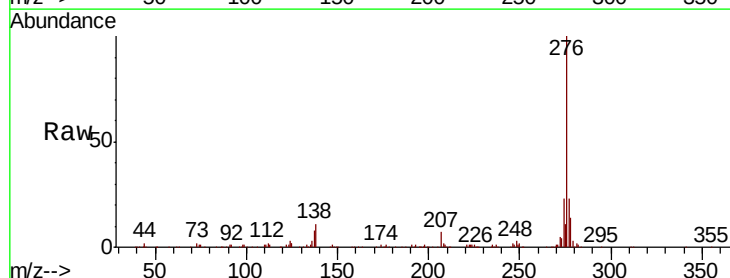
RT: 28.91 min Scan# 4394

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

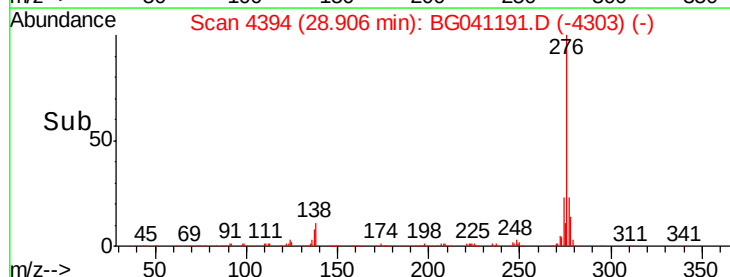
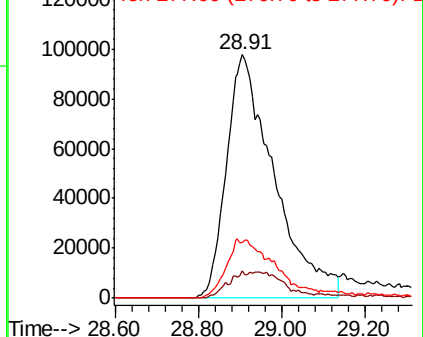
Tgt Ion:276	Resp:	775190
Ion Ratio	Lower	Upper
276	100	
138	4.5	5.7 8.5#
277	7.6	20.8 31.2#

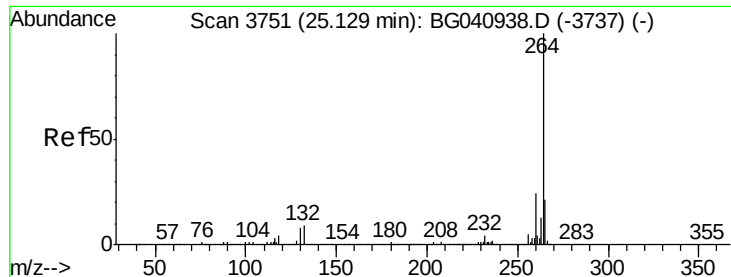


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

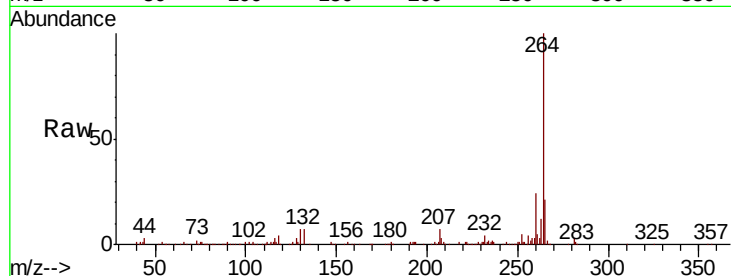
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 277140

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.2	17.0	25.4

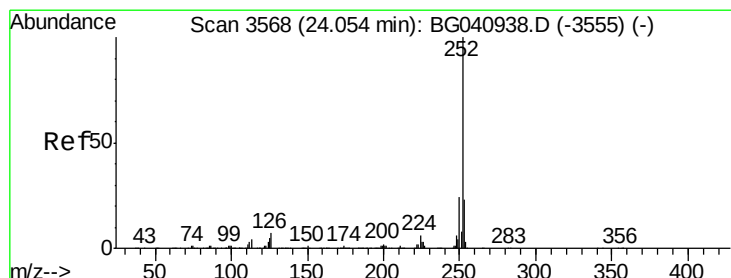
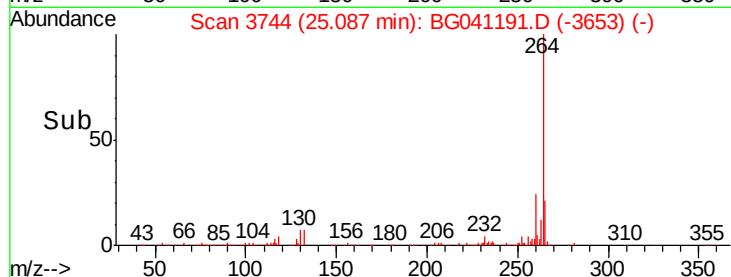
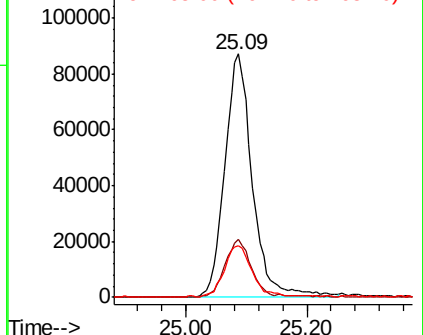


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.918 ng

RT: 24.02 min Scan# 3563

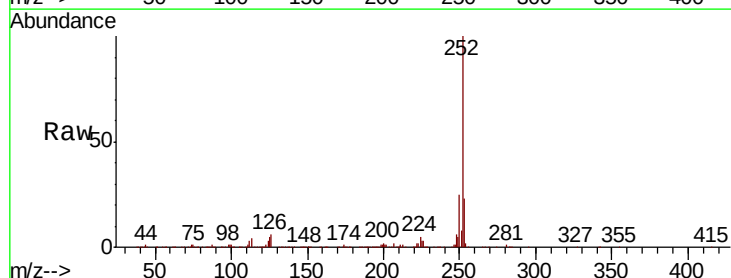
Delta R.T. 0.01 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Tgt Ion:252 Resp: 788663

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	4.9	4.3	6.5

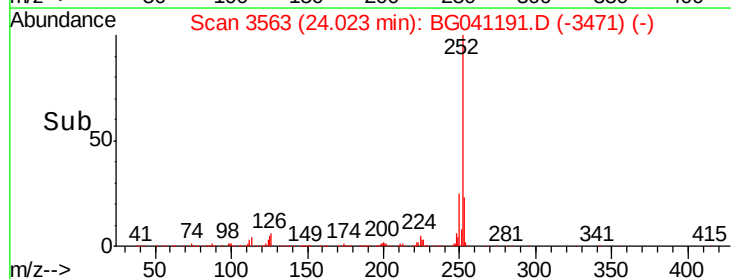
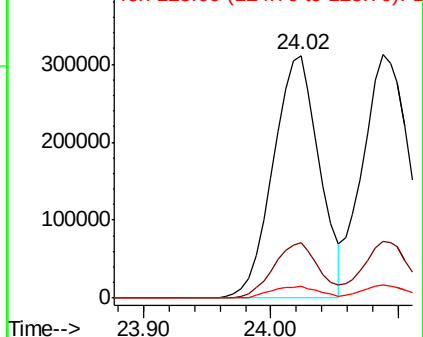


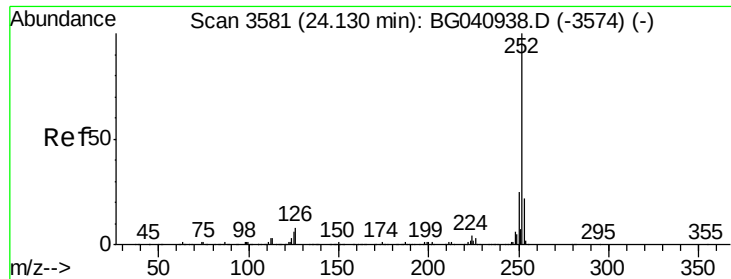
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

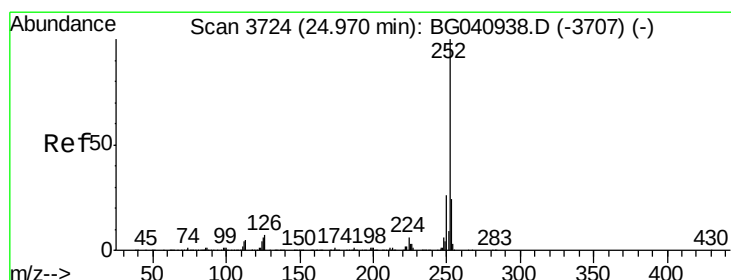
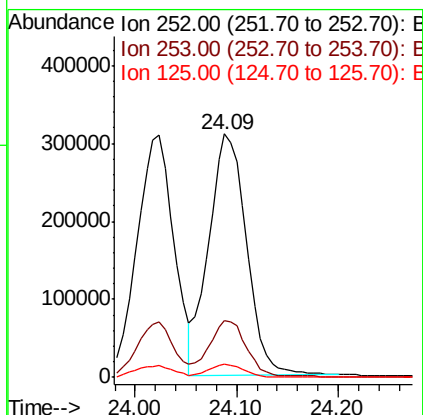
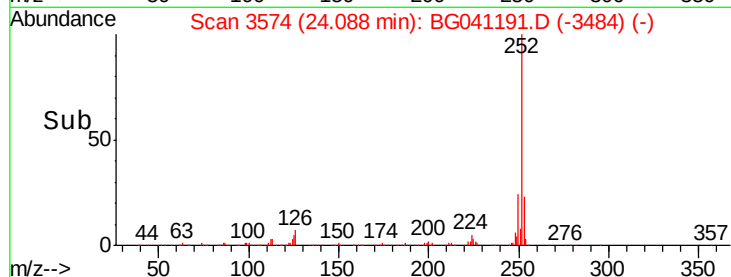
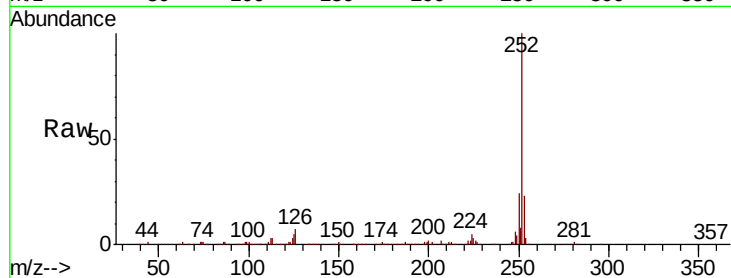




#89
Benzo(k)fluoranthene
Concen: 48.306 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

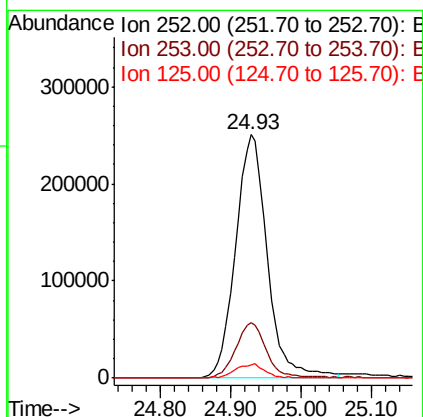
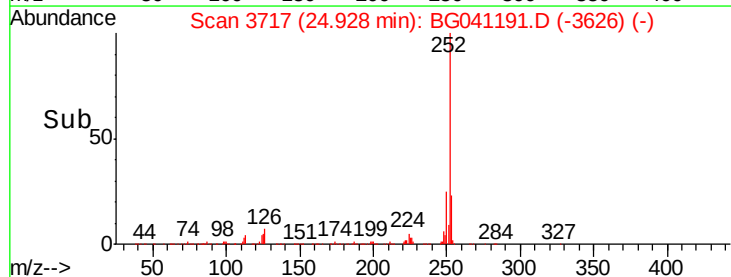
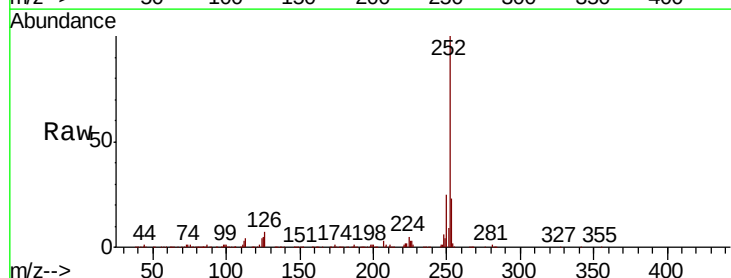
Instrument :
BNA_G
ClientSampleId :

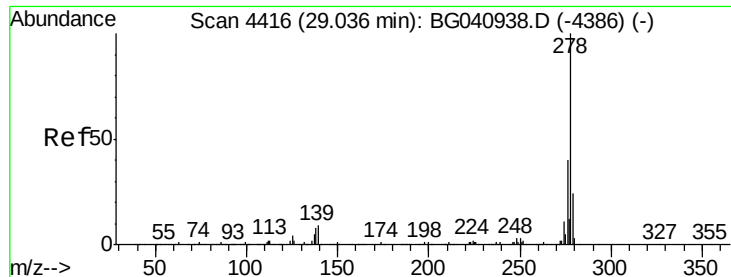
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	5.2	4.7	7.1



#90
Benzo(a)pyrene
Concen: 48.592 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041191.D
Acq: 11 Jun 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.5	29.3
125	5.5	5.1	7.7





#91

Dibenzo(a,h)anthracene

Concen: 40.304 ng

RT: 28.96 min Scan# 4404

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

Instrument :

BNA_G

ClientSampleId :

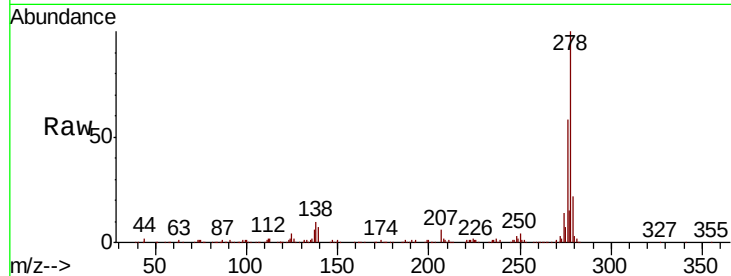
Tot Ion:278 Resp: 645858

Ion Ratio Lower Upper

278 100

139 7.5 7.1 10.7

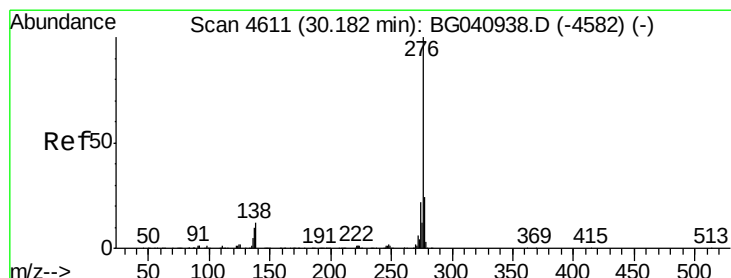
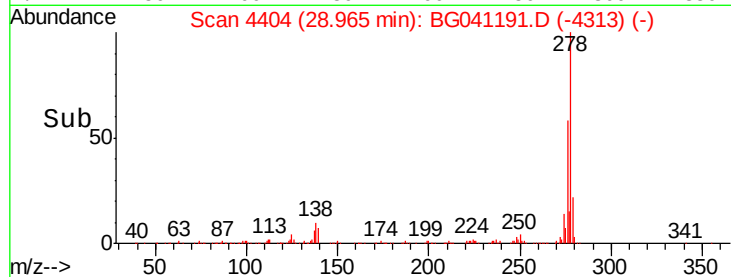
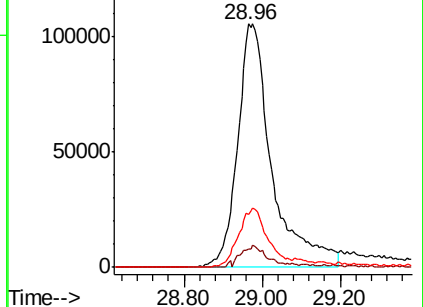
279 21.9 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.350 ng

RT: 30.12 min Scan# 4600

Delta R.T. 0.00 min

Lab File: BG041191.D

Acq: 11 Jun 2019 16:05

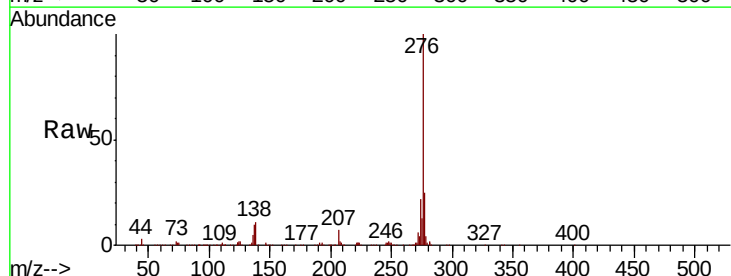
Tgt Ion:276 Resp: 550344

Ion Ratio Lower Upper

276 100

277 25.0 19.4 29.0

138 11.2 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

