

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038096.D
 Acq On : 20 Nov 2018 22:04
 Operator : JU/SJ
 Sample : PB114966BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Quant Time: Nov 21 03:44:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41692	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	175627	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110034	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	254616	20.00	ng	0.00
76) Chrysene-d12	21.75	240	241506	20.00	ng	0.00
87) Perylene-d12	25.08	264	254436	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	357832	148.19	ng	0.00
7) Phenol-d6	7.24	99	480384	139.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	223426	68.10	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	164955	131.45	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	487899	64.60	ng	0.00
79) Terphenyl-d14	20.07	244	766355	74.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	43686	38.302	ng	96
3) Pyridine	3.92	79	121227	37.259	ng	99
4) n-Nitrosodimethylamine	3.84	42	58090	49.213	ng	100
6) Aniline	7.41	93	152402	34.258	ng	99
8) 2-Chlorophenol	7.65	128	134300	47.932	ng	98
9) Benzaldehyde	7.23	77	74511	29.892	ng	92
10) Phenol	7.26	94	170096	46.589	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	127708	42.846	ng	99
12) 1,3-Dichlorobenzene	7.97	146	136687	42.346	ng	98
13) 1,4-Dichlorobenzene	8.12	146	138738	42.549	ng	97
14) 1,2-Dichlorobenzene	8.44	146	133452	42.869	ng	97
15) Benzyl Alcohol	8.33	79	116995	46.908	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	245180	44.298	ng	98
17) 2-Methylphenol	8.52	107	118567	48.034	ng	99
18) Hexachloroethane	9.17	117	51233	43.174	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	100808	40.419	ng	99
20) 3+4-Methylphenols	8.85	107	157505	45.012	ng	99
22) Acetophenone	8.92	105	191058	43.723	ng	# 99
24) Nitrobenzene	9.31	77	152331	45.388	ng	97
25) Isophorone	9.82	82	279663	47.358	ng	97
26) 2-Nitrophenol	10.02	139	74332	44.364	ng	99
27) 2,4-Dimethylphenol	10.06	122	134647	53.337	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	171579	45.438	ng	95
29) 2,4-Dichlorophenol	10.55	162	133262	46.931	ng	100
30) 1,2,4-Trichlorobenzene	10.76	180	140198	44.060	ng	97
31) Naphthalene	10.96	128	404260	46.799	ng	100
32) Benzoic acid	10.19	122	64820	41.964	ng	97
33) 4-Chloroaniline	11.07	127	101044	25.147	ng	98
34) Hexachlorobutadiene	11.22	225	83499	42.638	ng	96
35) Caprolactam	11.85	113	35544	31.273	ng	# 88
36) 4-Chloro-3-methylphenol	12.17	107	143692	46.319	ng	98
37) 2-Methylnaphthalene	12.56	142	291897	47.043	ng	97
38) 1-Methylnaphthalene	12.77	142	279383	46.777	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	152311	41.424	ng	99

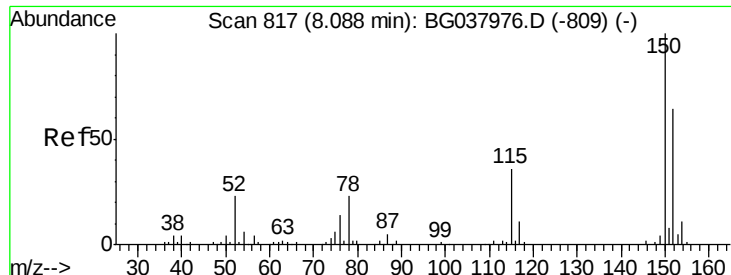
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	195137	99.112	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	107742	43.002	ng	97
44) 2,4,5-Trichlorophenol	13.23	196	117588	44.604	ng	98
46) 1,1'-Biphenyl	13.55	154	372818	40.330	ng	98
47) 2-Chloronaphthalene	13.60	162	295106	41.835	ng	99
48) 2-Nitroaniline	13.81	65	102541	46.188	ng	95
49) Acenaphthylene	14.45	152	489301	46.127	ng	100
50) Dimethylphthalate	14.17	163	373785	42.849	ng	99
51) 2,6-Dinitrotoluene	14.30	165	86372	43.748	ng	96
52) Acenaphthene	14.79	154	280873	43.982	ng	97
53) 3-Nitroaniline	14.64	138	71126	32.648	ng	# 94
54) 2,4-Dinitrophenol	14.84	184	80820	76.331	ng	93
55) Dibenzofuran	15.12	168	453337	42.931	ng	97
56) 4-Nitrophenol	14.93	139	149491	88.971	ng	94
57) 2,4-Dinitrotoluene	15.09	165	123375	45.929	ng	98
58) Fluorene	15.77	166	363225	46.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	102284	46.367	ng	97
60) Diethylphthalate	15.52	149	391462	42.250	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	188953	40.986	ng	99
62) 4-Nitroaniline	15.80	138	98114	45.335	ng	97
63) Azobenzene	16.05	77	367610	44.375	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	63990	39.734	ng	99
66) n-Nitrosodiphenylamine	15.97	169	332280	43.137	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	116077	41.536	ng	96
68) Hexachlorobenzene	16.76	284	122067	42.317	ng	97
69) Atrazine	16.92	200	125231	44.103	ng	100
70) Pentachlorophenol	17.11	266	137026	69.942	ng	96
71) Phenanthrene	17.51	178	609439	46.751	ng	99
72) Anthracene	17.60	178	624550	48.603	ng	99
73) Carbazole	17.88	167	567917	44.050	ng	99
74) Di-n-butylphthalate	18.41	149	681849	47.114	ng	100
75) Fluoranthene	19.52	202	733430	49.313	ng	100
77) Benzidine	19.70	184	344148	40.611	ng	100
78) Pyrene	19.88	202	728184	46.117	ng	99
80) Butylbenzylphthalate	20.75	149	316329	45.811	ng	97
81) Benzo(a)anthracene	21.73	228	690891	47.339	ng	100
82) 3,3'-Dichlorobenzidine	21.64	252	183181	32.222	ng	97
83) Chrysene	21.80	228	642596	46.019	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	445215	45.211	ng	99
85) Di-n-octyl phthalate	22.84	149	767045	48.147	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	755554	48.718	ng	99
88) Benzo(b)fluoranthene	24.01	252	667896	47.701	ng	99
89) Benzo(k)fluoranthene	24.08	252	647404	46.858	ng	99
90) Benzo(a)pyrene	24.92	252	664924	49.691	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	619572	48.122	ng	97
92) Benzo(g,h,i)perylene	30.08	276	619766	48.412	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

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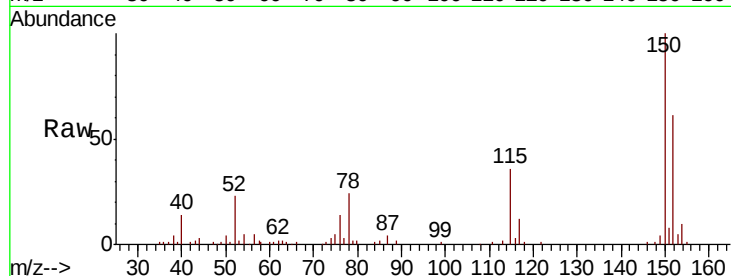
Tgt Ion:152 Resp: 41692

Ion Ratio Lower Upper

152 100

150 162.7 126.0 189.0

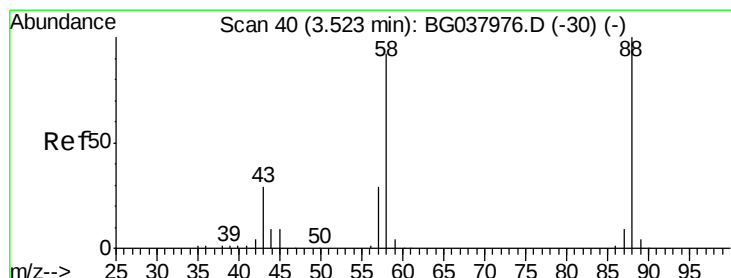
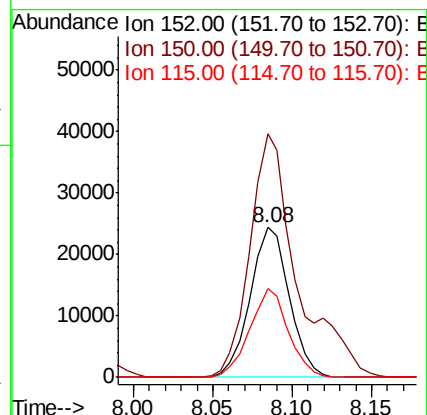
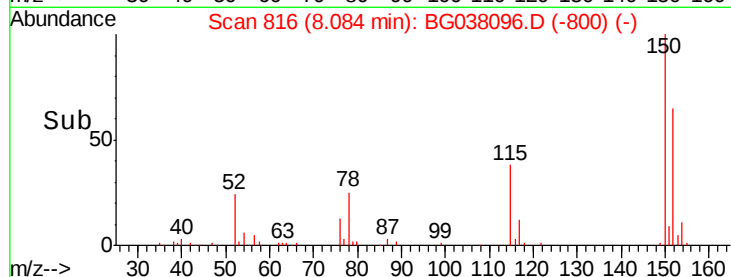
115 58.9 45.5 68.3



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: 38.302 ng

RT: 3.51 min Scan# 38

Delta R.T. -0.01 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

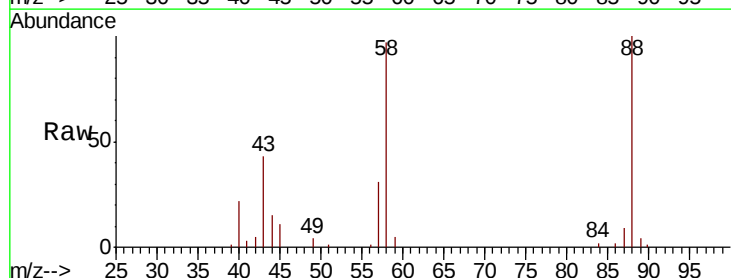
Tgt Ion: 88 Resp: 43686

Ion Ratio Lower Upper

88 100

58 94.5 74.4 111.6

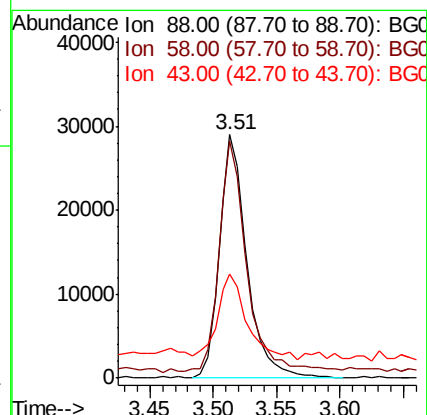
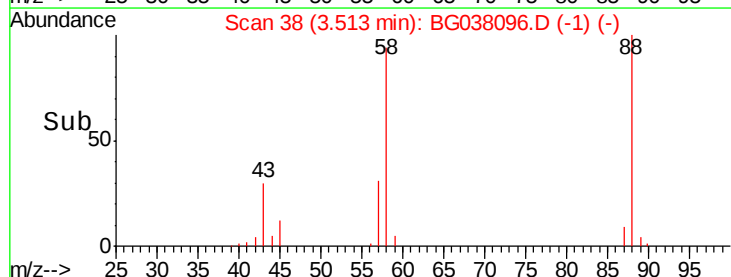
43 37.4 25.8 38.8

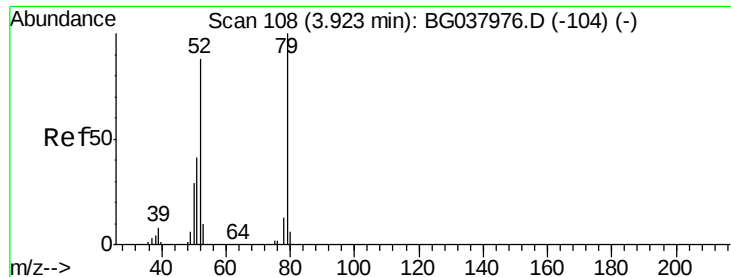


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.259 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

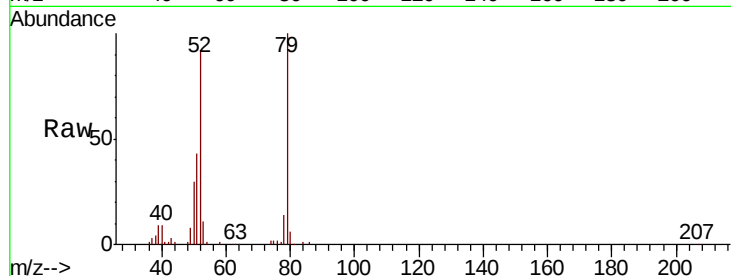
Tgt Ion: 79 Resp: 121227

Ion Ratio Lower Upper

79 100

52 91.8 74.2 111.2

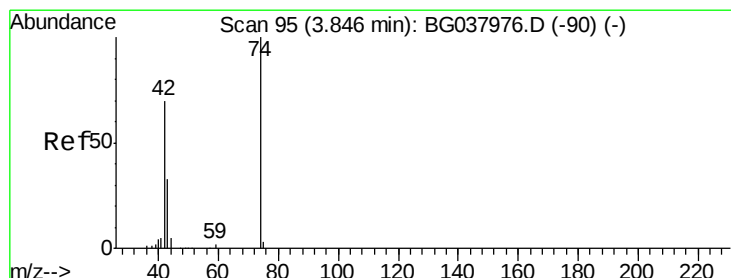
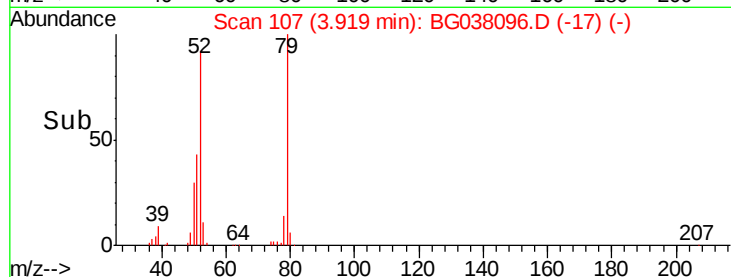
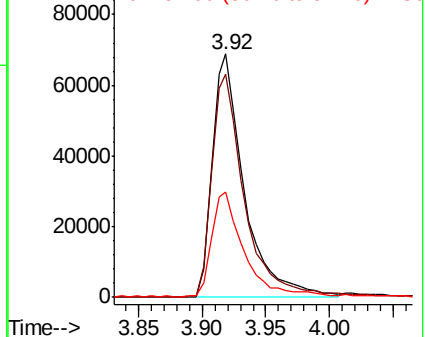
51 43.4 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 49.213 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

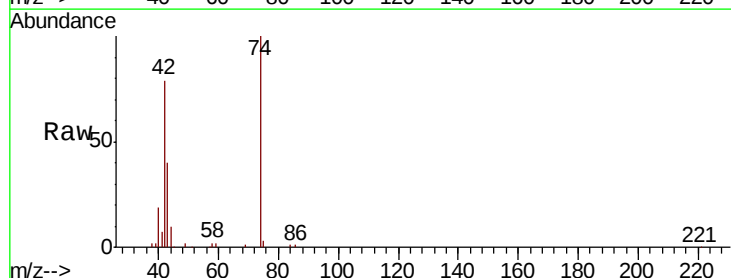
Tgt Ion: 42 Resp: 58090

Ion Ratio Lower Upper

42 100

74 126.9 102.0 153.0

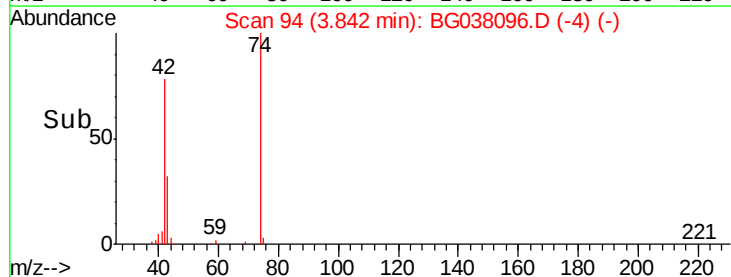
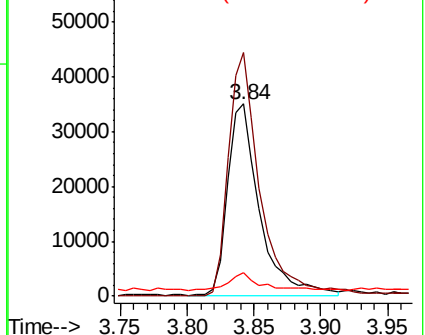
44 12.2 9.6 14.4

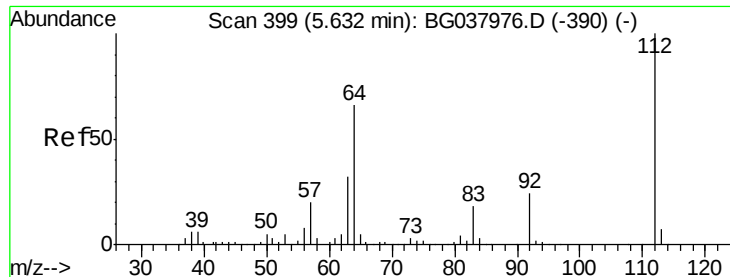


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.187 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

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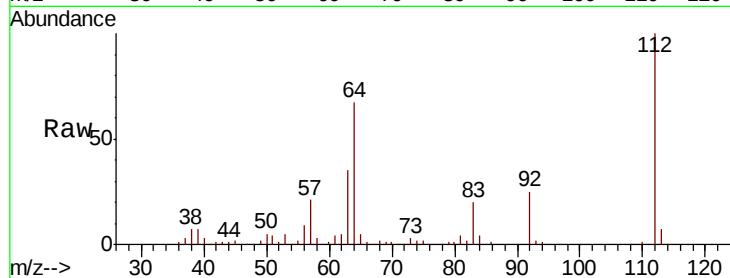
Tgt Ion: 112 Resp: 357832

Ion Ratio Lower Upper

112 100

64 67.4 53.1 79.7

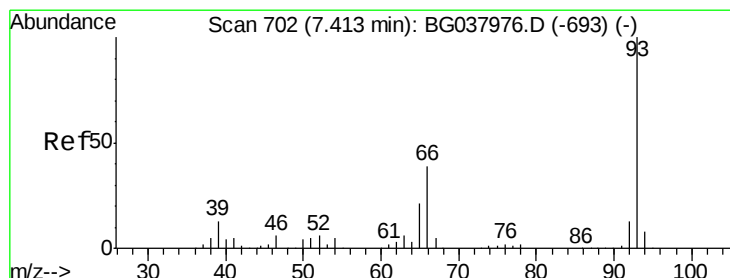
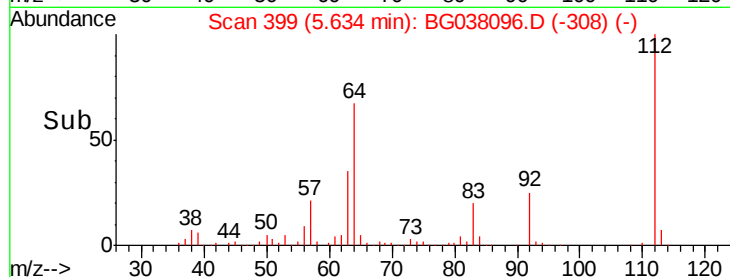
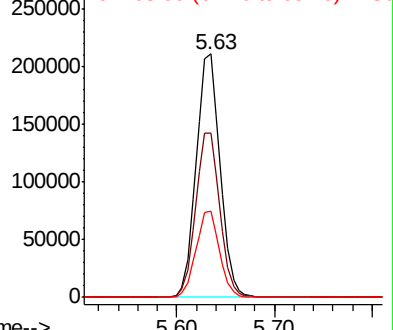
63 35.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.258 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

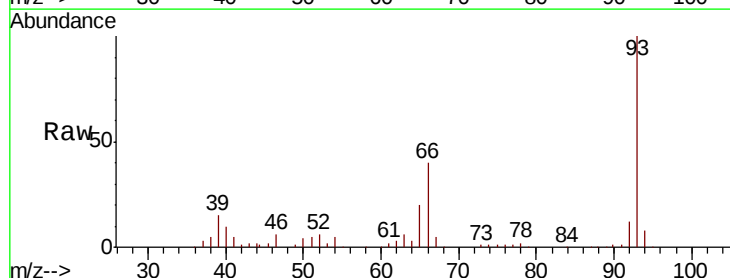
Tgt Ion: 93 Resp: 152402

Ion Ratio Lower Upper

93 100

66 40.0 32.8 49.2

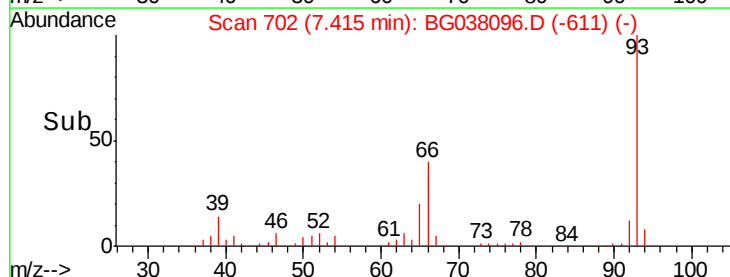
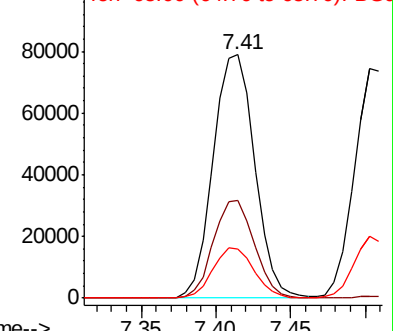
65 20.0 16.4 24.6

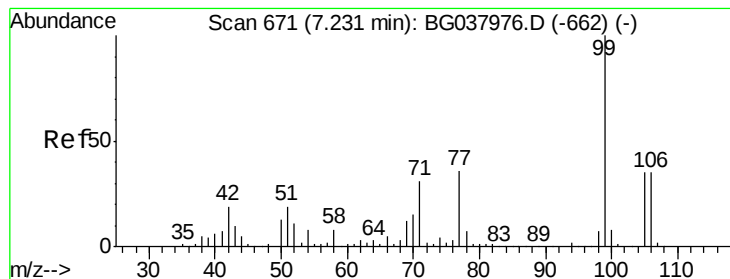


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.367 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038096.D

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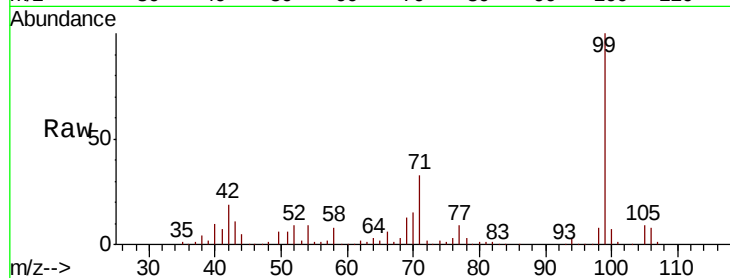
Tgt Ion: 99 Resp: 480384

Ion Ratio Lower Upper

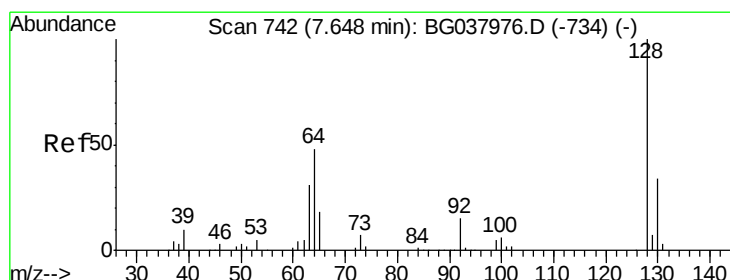
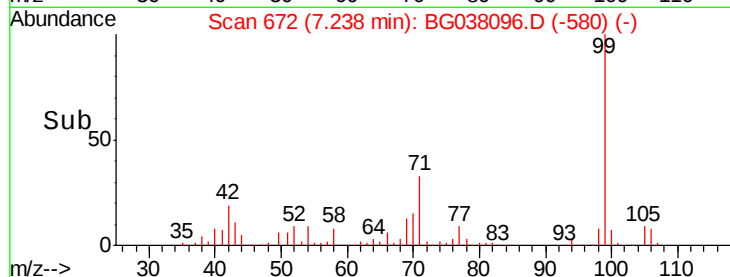
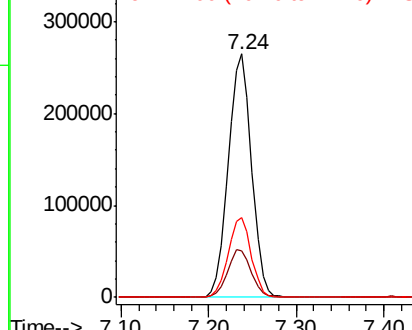
99 100

42 19.3 15.0 22.4

71 32.6 25.5 38.3



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: 47.932 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

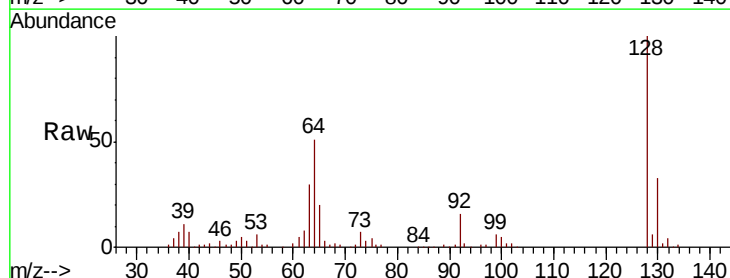
Tgt Ion: 128 Resp: 134300

Ion Ratio Lower Upper

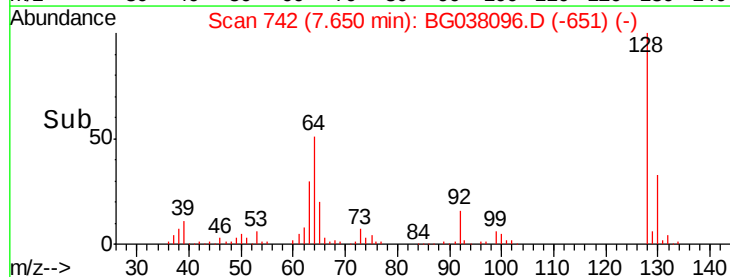
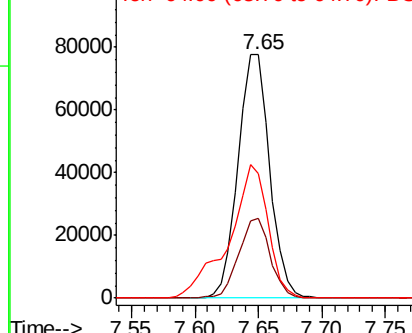
128 100

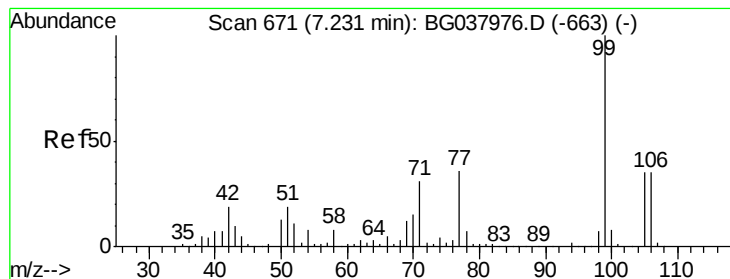
130 32.7 12.0 52.0

64 51.1 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 29.892 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

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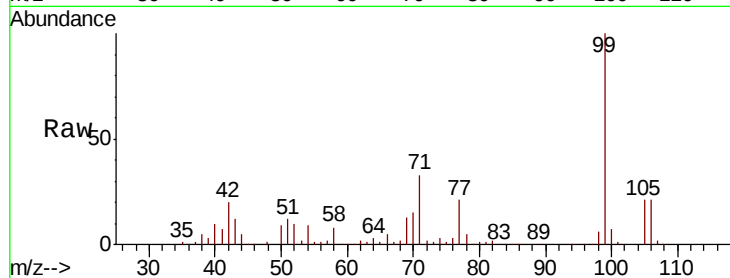
Tgt Ion: 77 Resp: 74511

Ion Ratio Lower Upper

77 100

105 97.9 72.6 112.6

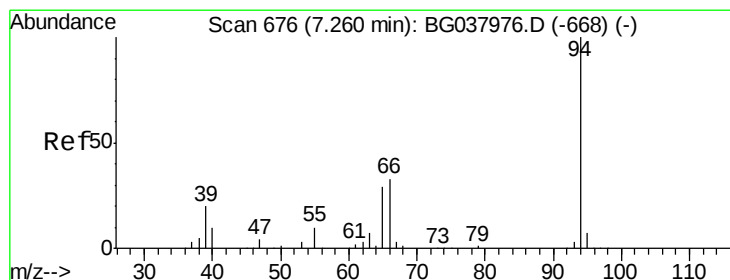
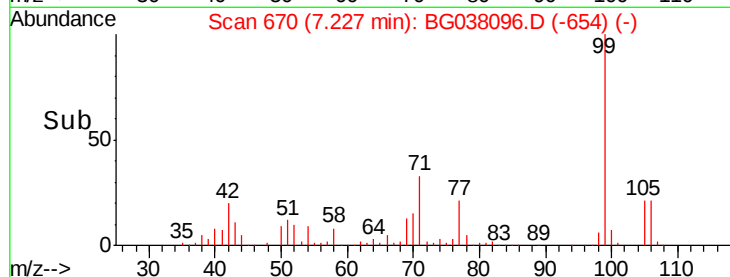
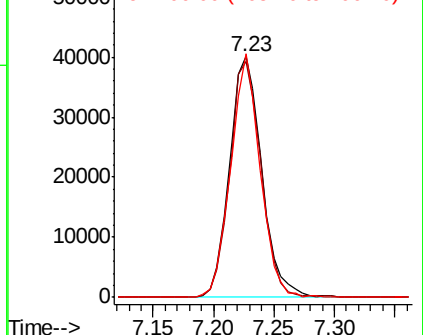
106 101.2 71.3 111.3



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: 46.589 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

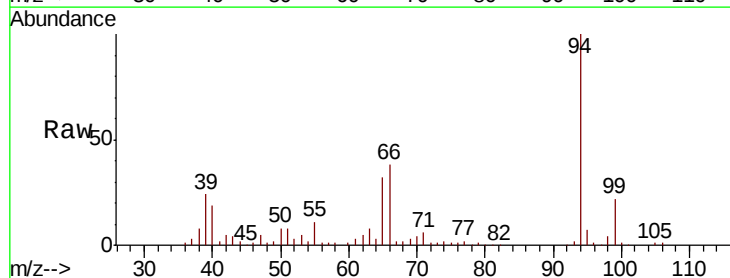
Tgt Ion: 94 Resp: 170096

Ion Ratio Lower Upper

94 100

65 31.7 9.7 49.7

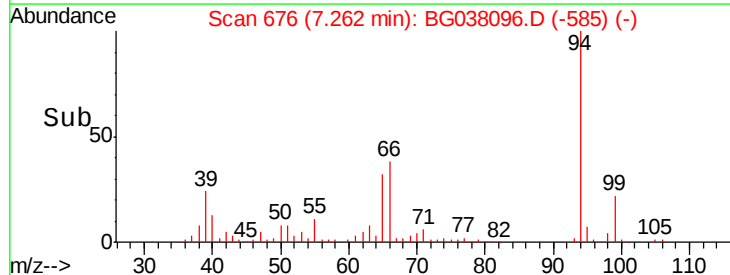
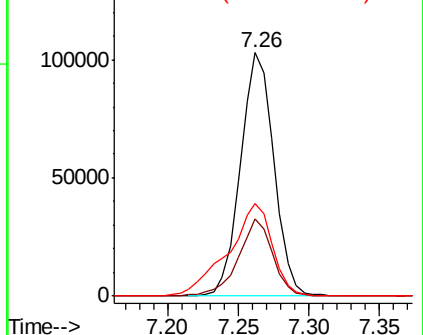
66 38.2 15.9 55.9

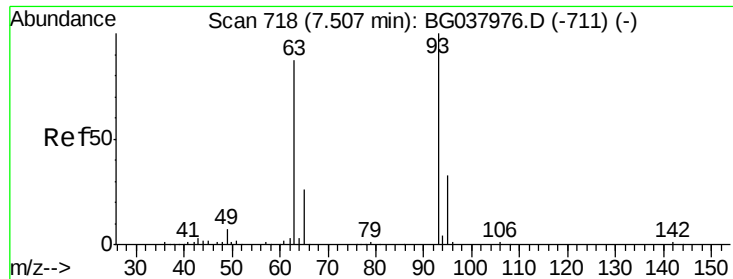


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

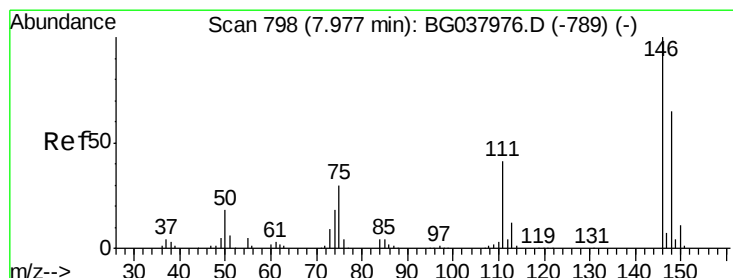
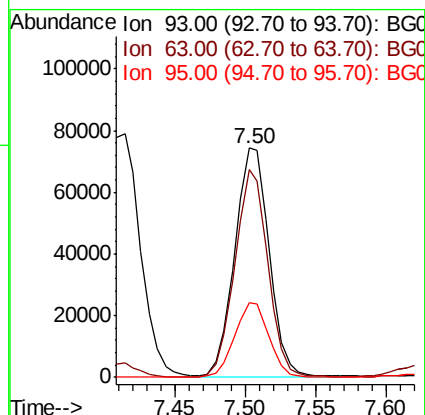
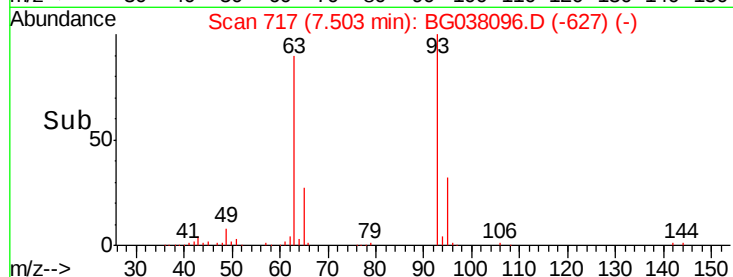
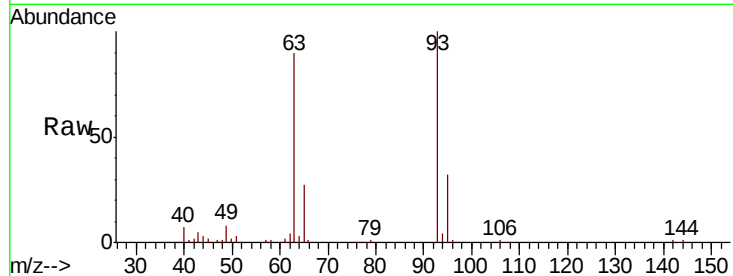




#11
bis(2-Chloroethyl)ether
Concen: 42.846 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

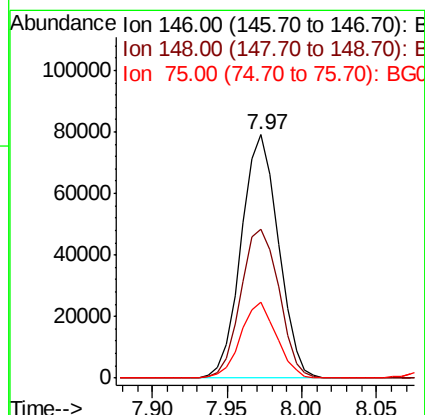
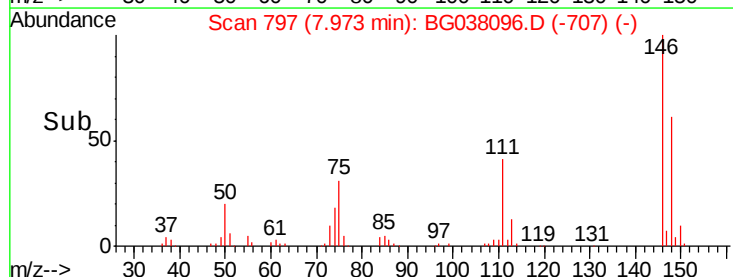
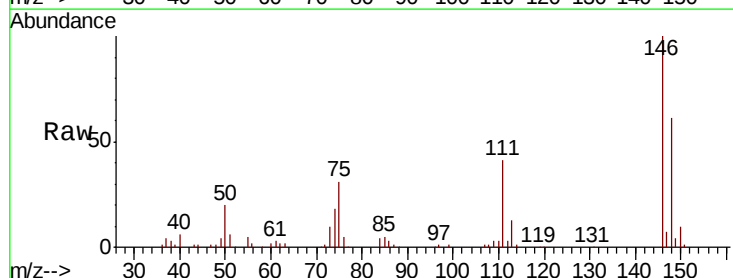
Instrument :
BNA_G
ClientSampleId :
PB114966BSD

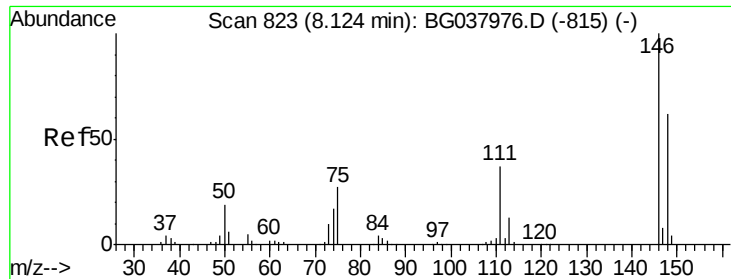
Tgt Ion: 93 Resp: 127708
Ion Ratio Lower Upper
93 100
63 90.4 69.5 109.5
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.346 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion: 146 Resp: 136687
Ion Ratio Lower Upper
146 100
148 61.3 49.8 74.8
75 31.4 23.2 34.8

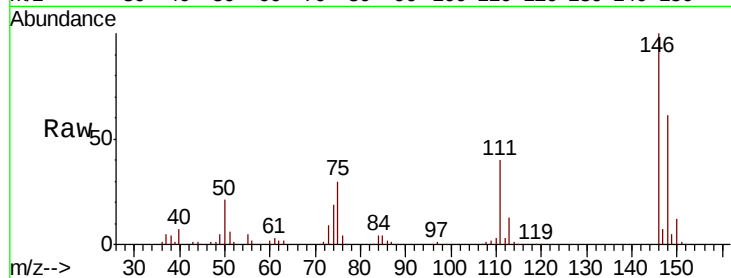




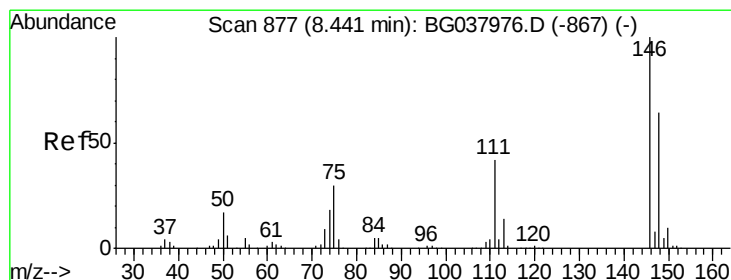
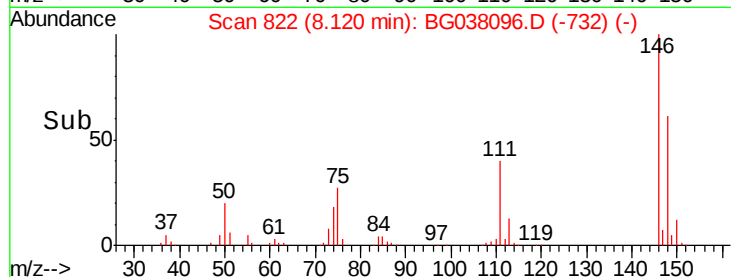
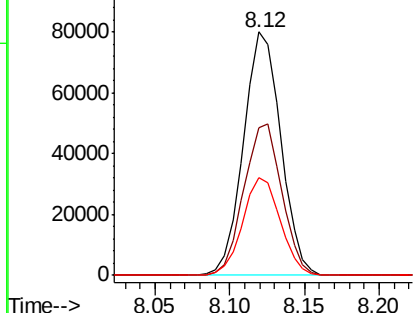
#13
 1,4-Dichlorobenzene
 Concen: 42.549 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tgt Ion:146 Resp: 138738
 Ion Ratio Lower Upper
 146 100
 148 60.8 51.0 76.6
 111 40.1 32.4 48.6

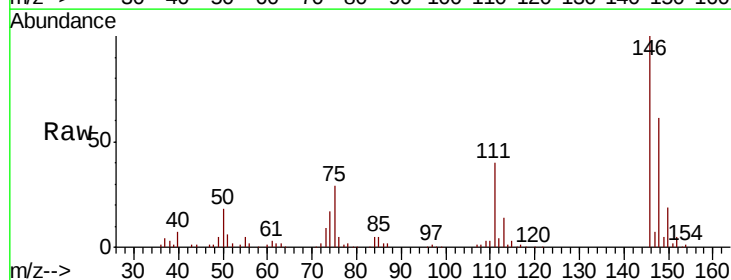


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

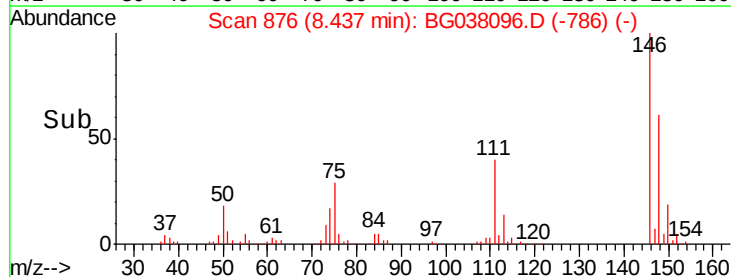
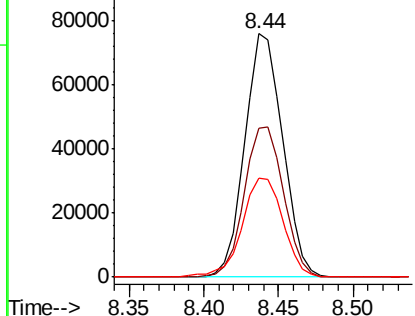


#14
 1,2-Dichlorobenzene
 Concen: 42.869 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion:146 Resp: 133452
 Ion Ratio Lower Upper
 146 100
 148 61.0 50.4 75.6
 111 40.5 34.6 51.8



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: 46.908 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

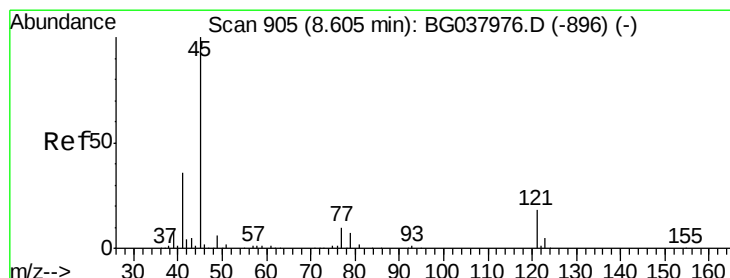
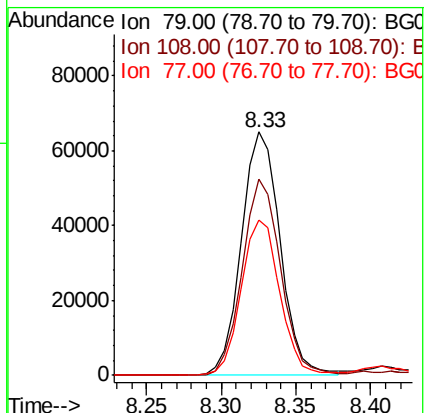
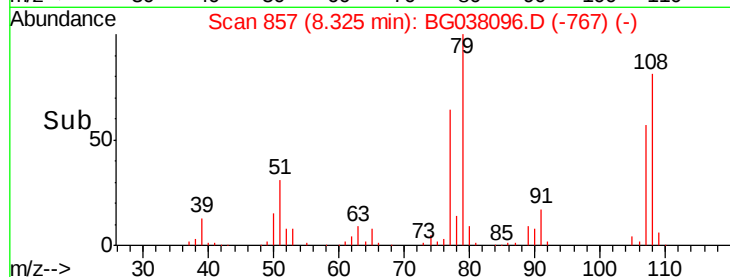
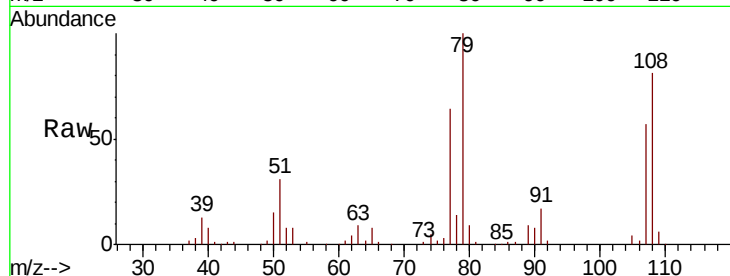
Tgt Ion: 79 Resp: 116995

Ion Ratio Lower Upper

79 100

108 80.5 65.8 98.8

77 63.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.298 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

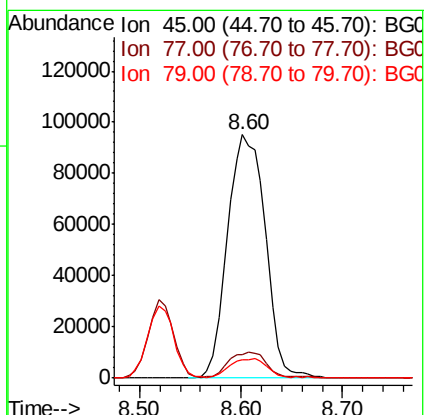
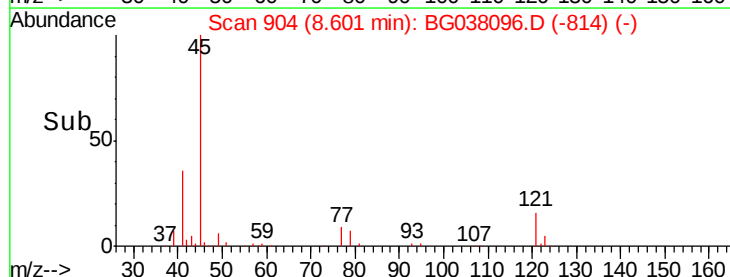
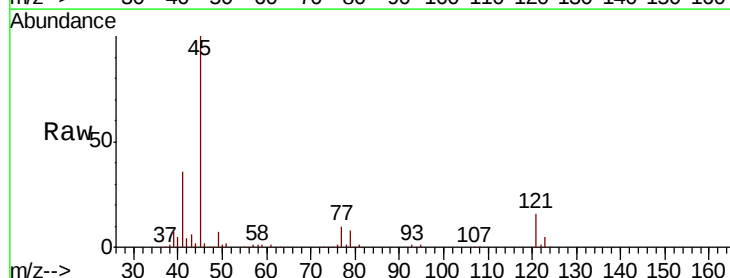
Tgt Ion: 45 Resp: 245180

Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 7.7 0.0 29.0

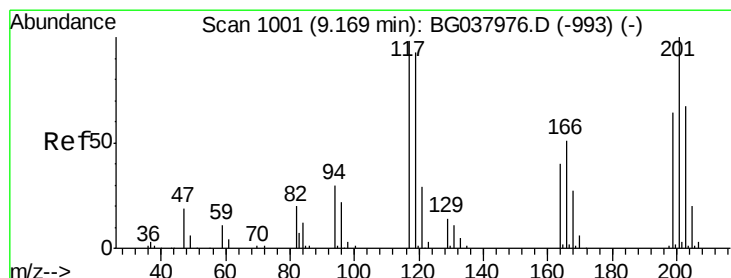
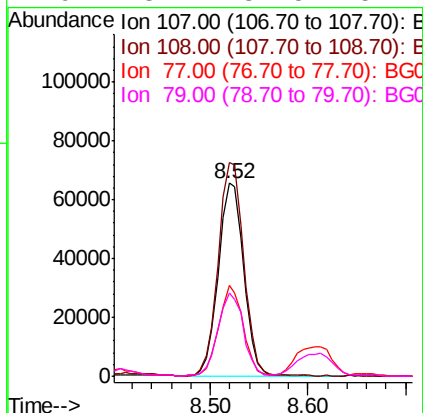
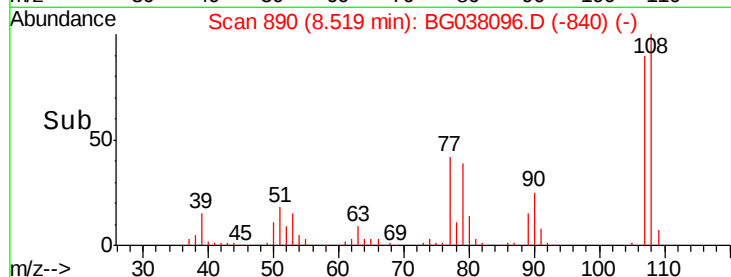
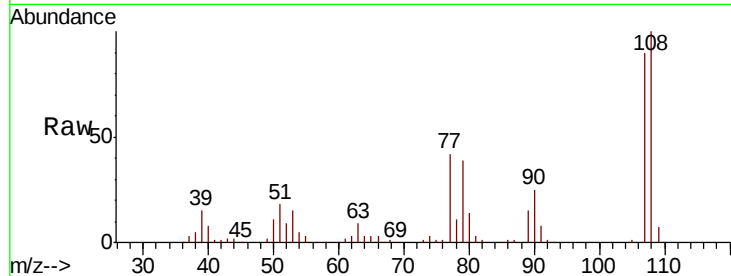




#17
2-Methylphenol
Concen: 48.034 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

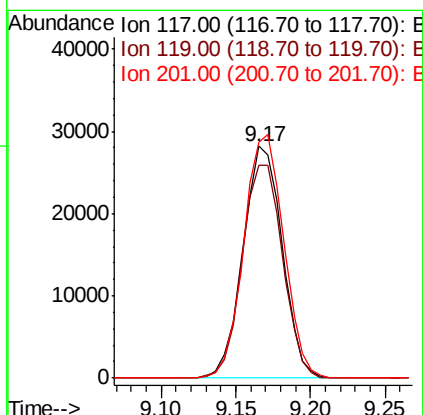
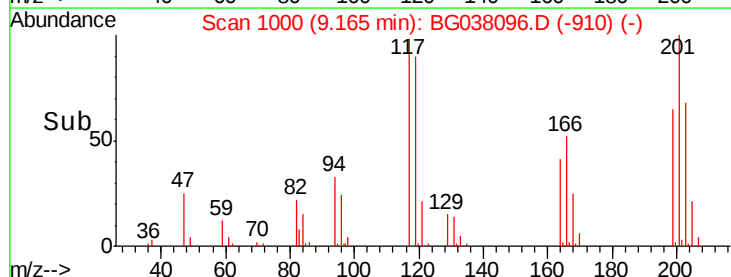
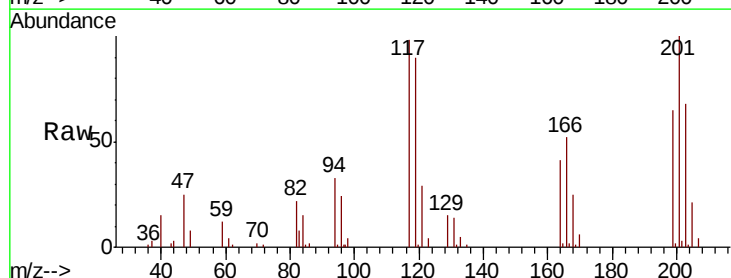
Instrument :
BNA_G
ClientSampleId :
PB114966BSD

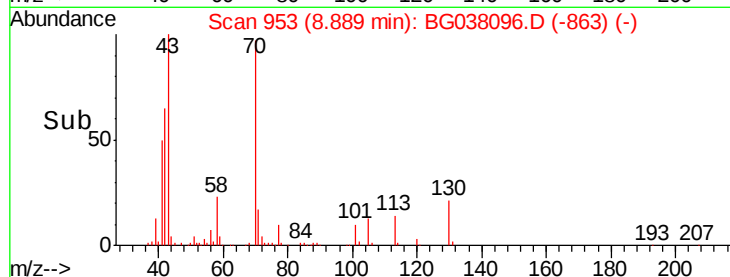
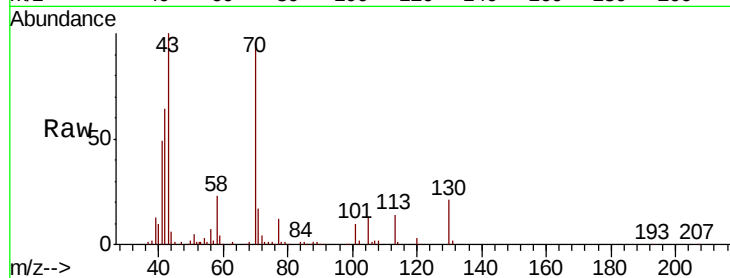
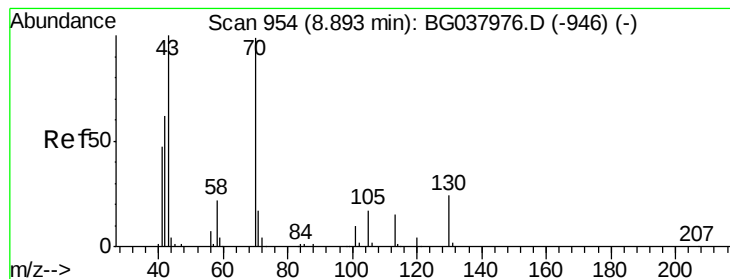
Tgt Ion:	107	Resp:	118567
Ion	Ratio	Lower	Upper
107	100		
108	110.7	87.9	131.9
77	46.8	35.1	52.7
79	43.2	34.5	51.7



#18
Hexachloroethane
Concen: 43.174 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:	117	Resp:	51233
Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.6	111.8
201	104.4	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.419 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

Tgt Ion: 70 Resp: 100808

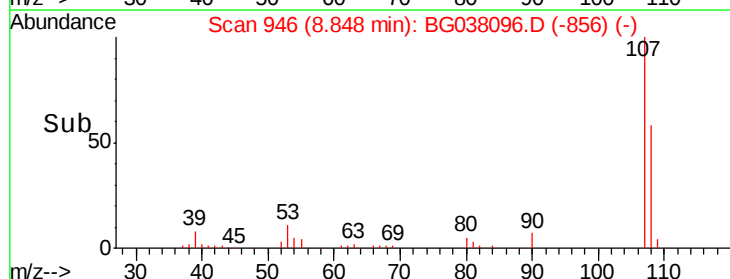
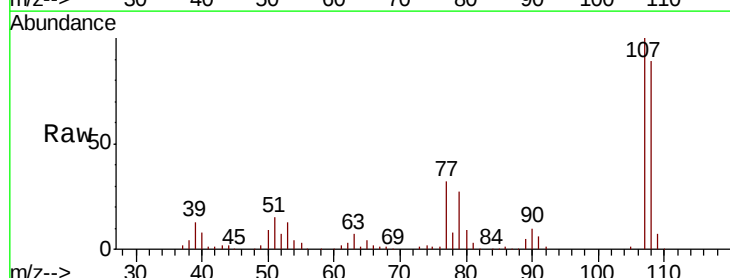
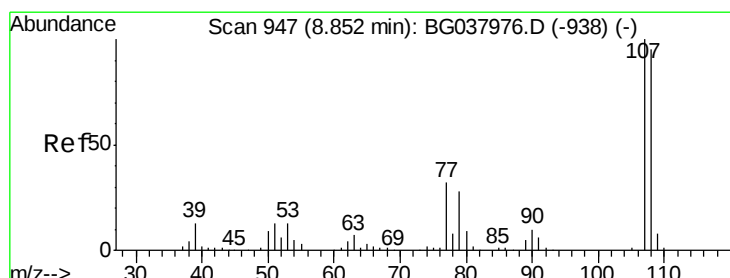
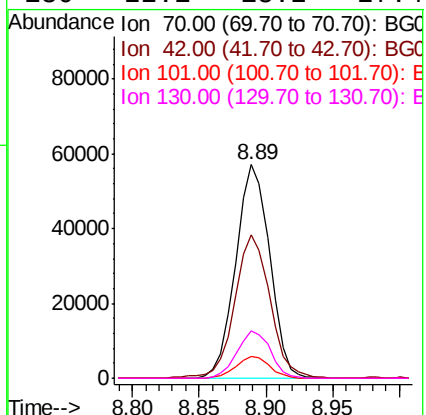
Ion Ratio Lower Upper

70 100

42 67.0 53.9 80.9

101 10.2 8.2 12.2

130 22.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 45.012 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion: 107 Resp: 157505

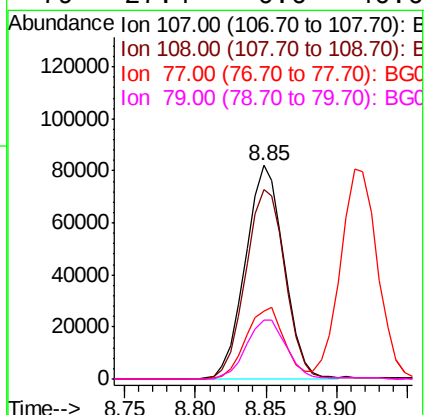
Ion Ratio Lower Upper

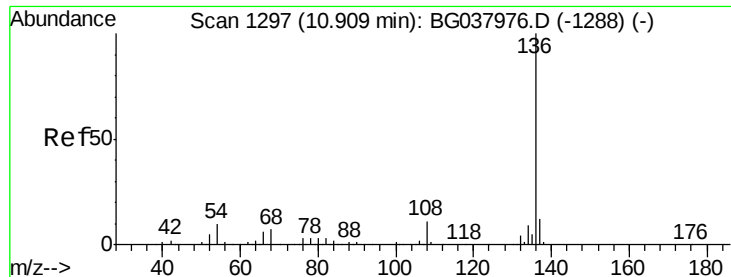
107 100

108 88.7 69.9 109.9

77 31.6 11.2 51.2

79 27.4 6.6 46.6

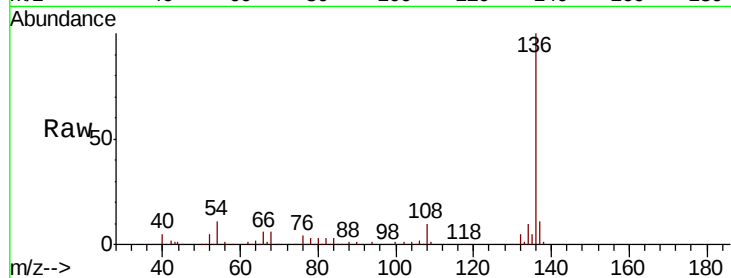




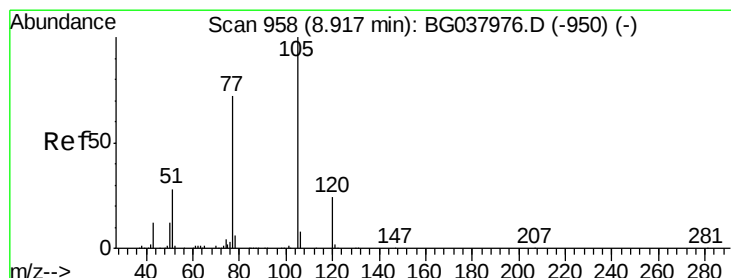
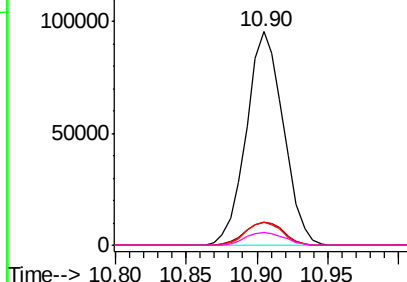
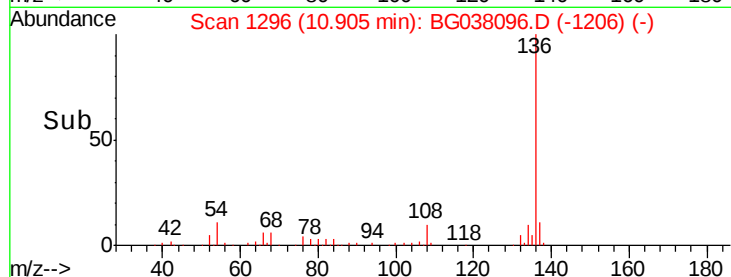
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:	136	Resp:	175627
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.9	7.9	11.9
68	6.2	4.8	7.2

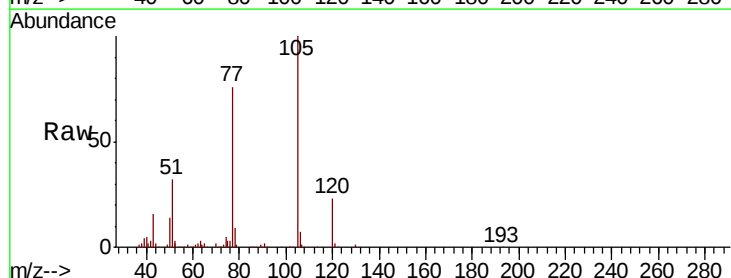


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

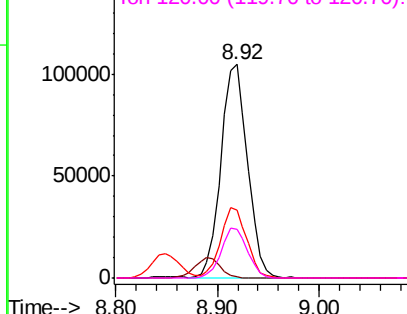
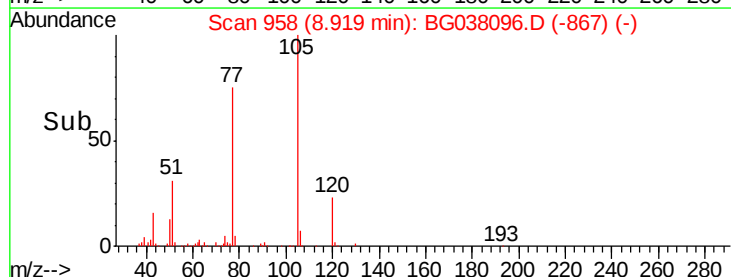


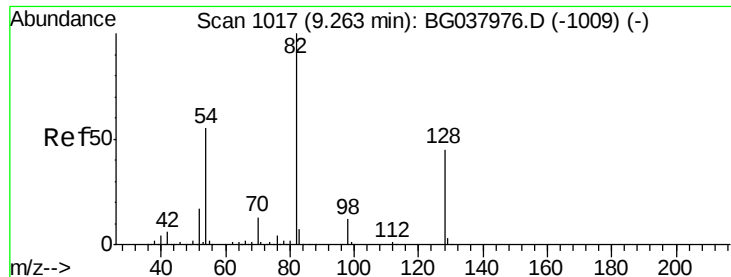
#22
Acetophenone
Concen: 43.723 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:	105	Resp:	191058
Ion	Ratio	Lower	Upper
105	100		
71	0.4	1.2	1.8#
51	31.7	25.0	37.6
120	22.8	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
150000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

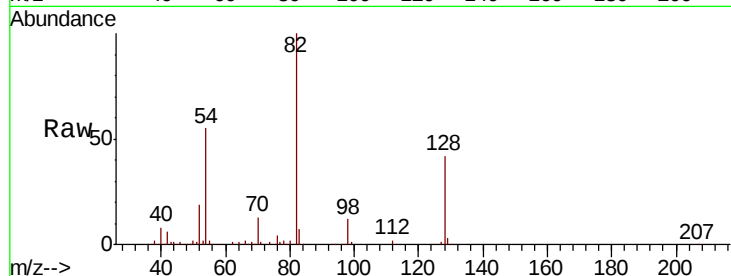




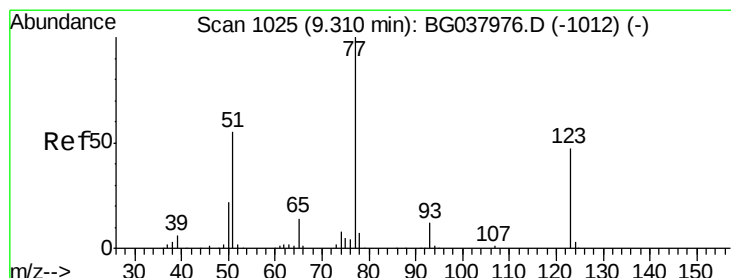
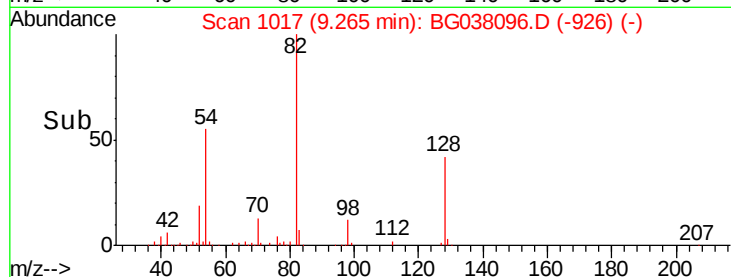
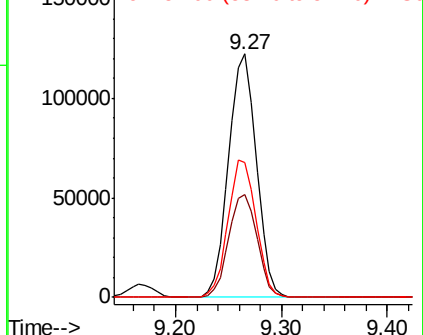
#23
Nitrobenzene-d5
Concen: 68.099 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	55.3	45.3	67.9

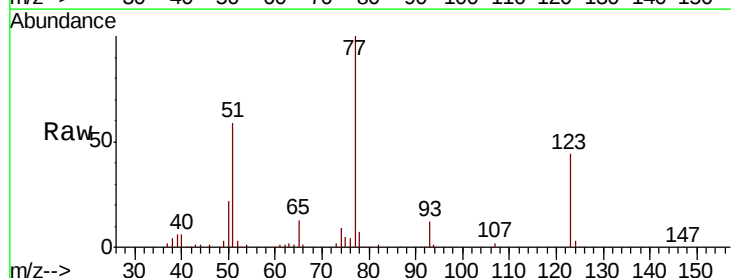


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

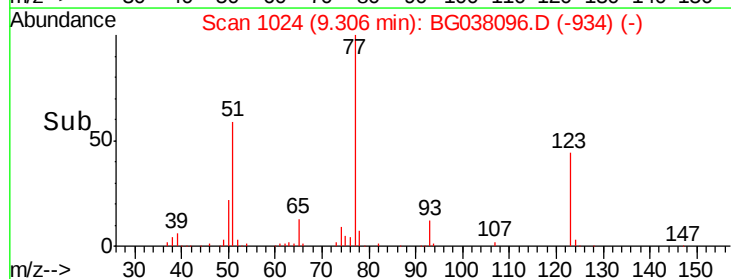
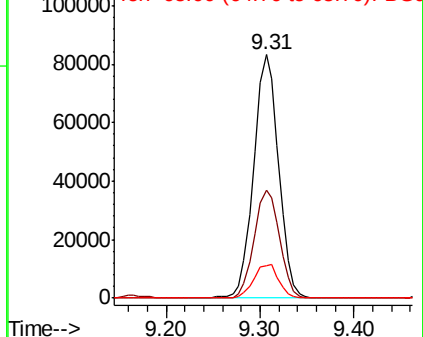


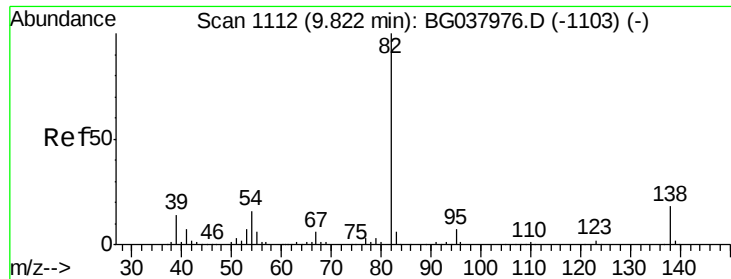
#24
Nitrobenzene
Concen: 45.388 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.6	50.4
65	13.2	11.3	16.9



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: 47.358 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

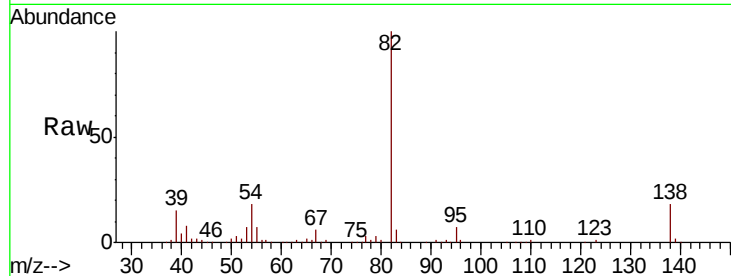
Tgt Ion: 82 Resp: 279663

Ion Ratio Lower Upper

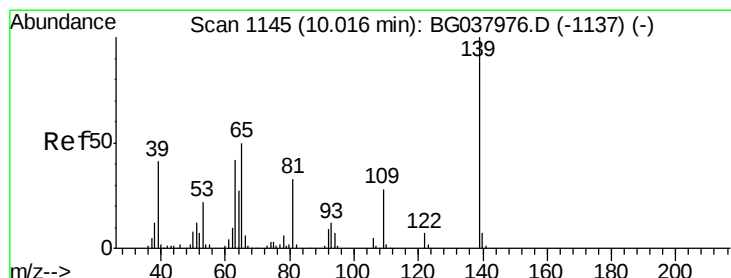
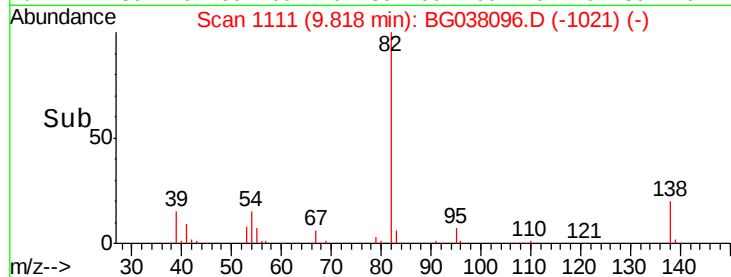
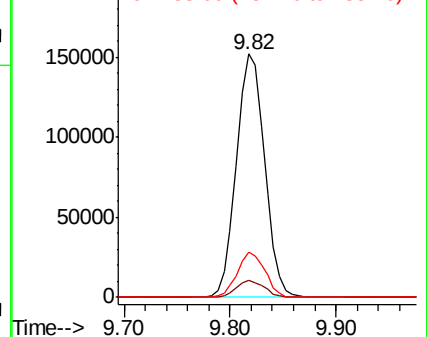
82 100

95 6.8 5.3 7.9

138 18.4 13.3 19.9



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



#26

2-Nitrophenol

Concen: 44.364 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

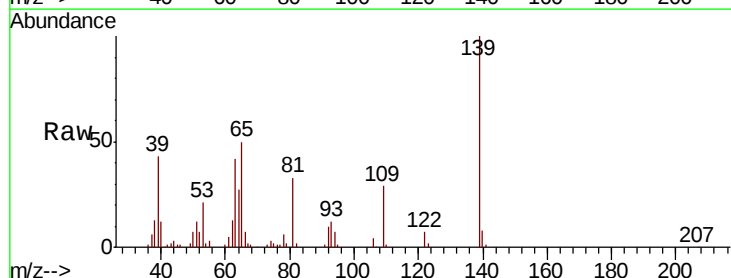
Tgt Ion: 139 Resp: 74332

Ion Ratio Lower Upper

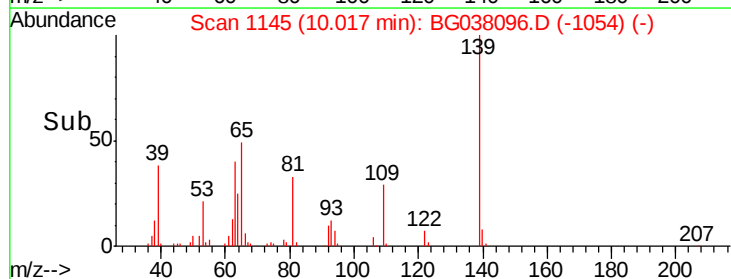
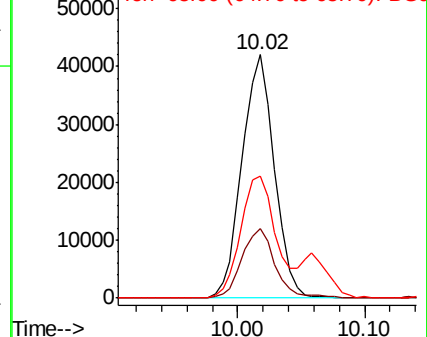
139 100

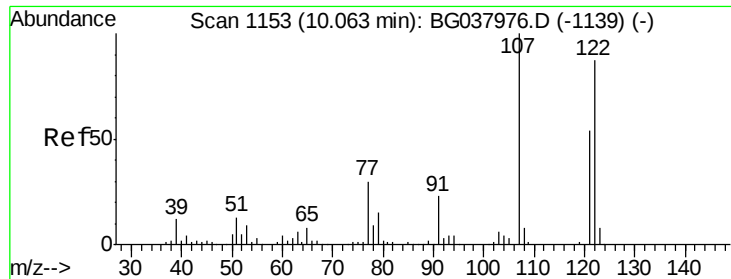
109 28.5 23.3 34.9

65 50.0 39.8 59.8



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

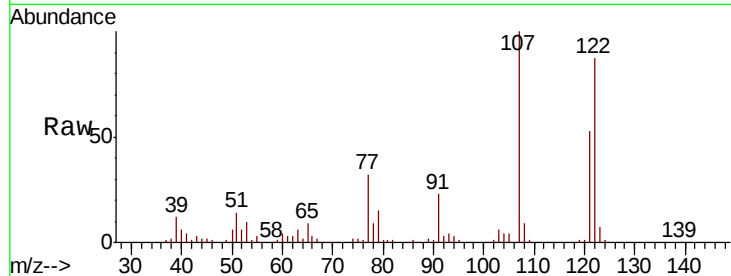




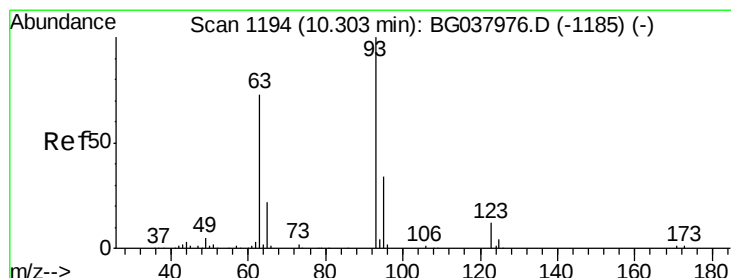
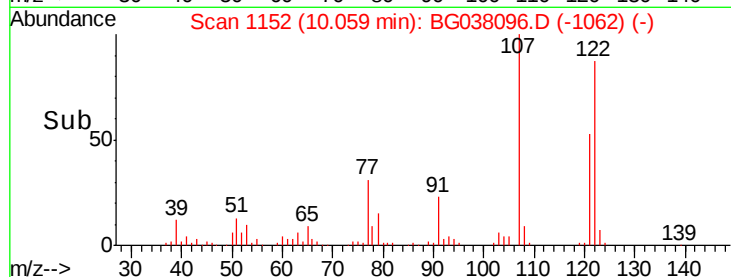
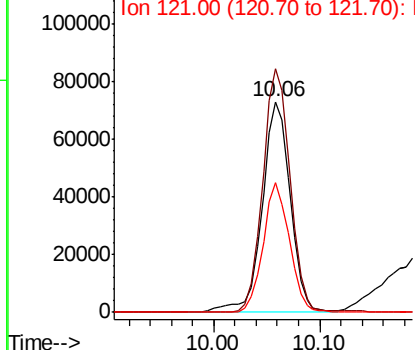
#27
2,4-Dimethylphenol
Concen: 53.337 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:122 Resp: 134647
Ion Ratio Lower Upper
122 100
107 115.4 94.2 141.2
121 61.2 47.3 70.9

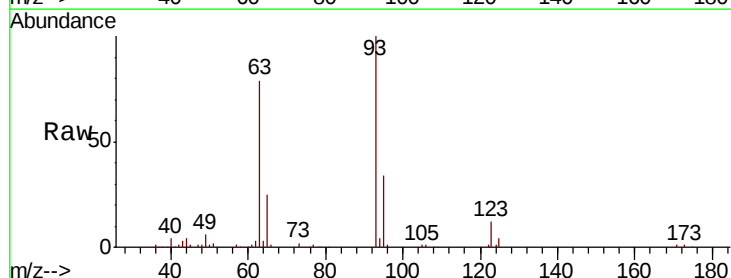


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

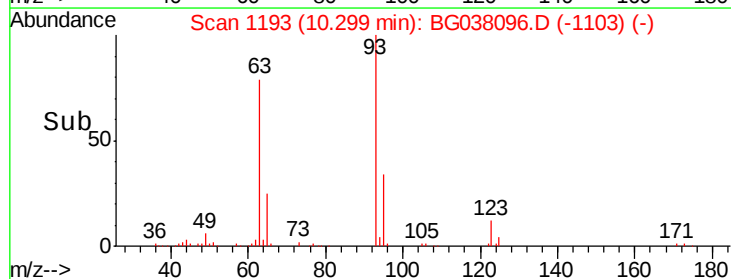
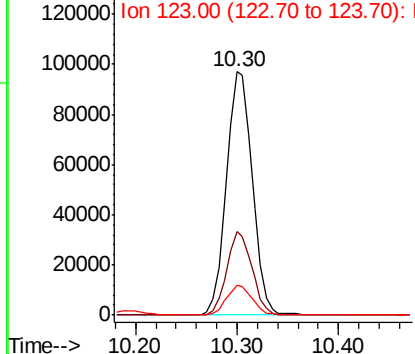


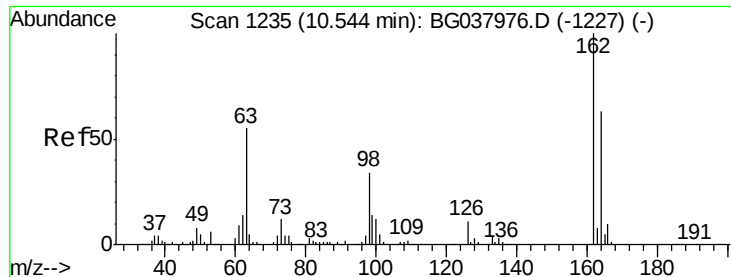
#28
bis(2-Chloroethoxy)methane
Concen: 45.438 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion: 93 Resp: 171579
Ion Ratio Lower Upper
93 100
95 34.4 24.6 37.0
123 12.2 9.1 13.7



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

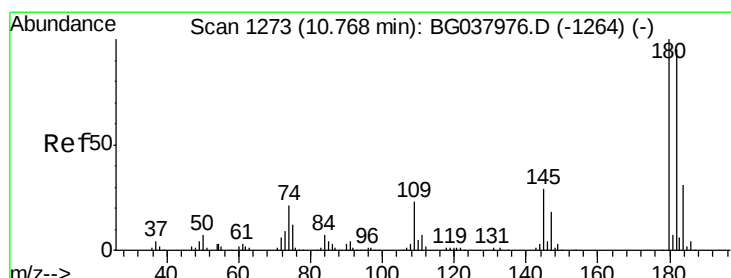
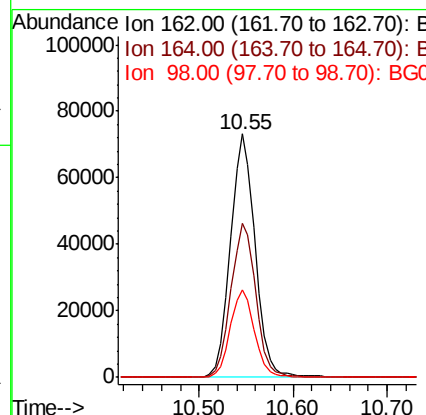
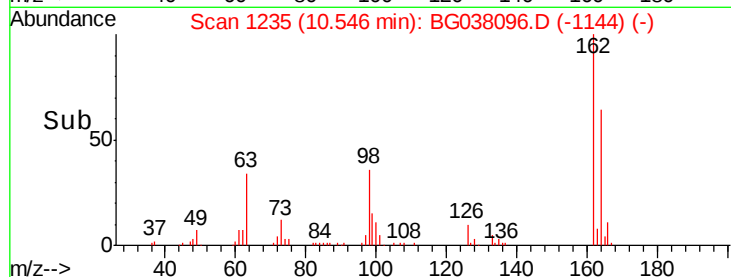
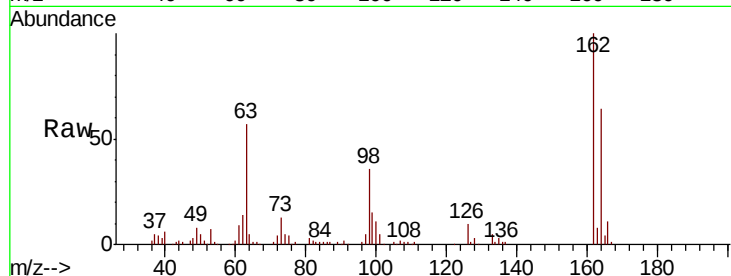




#29
2,4-Dichlorophenol
Concen: 46.931 ng
RT: 10.55 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

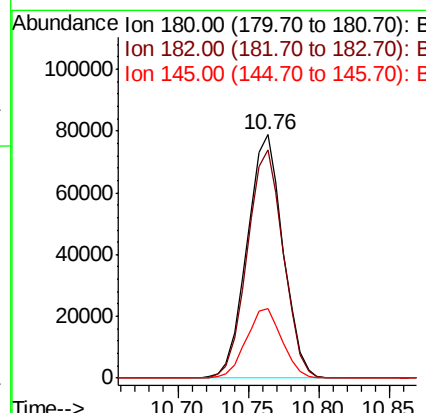
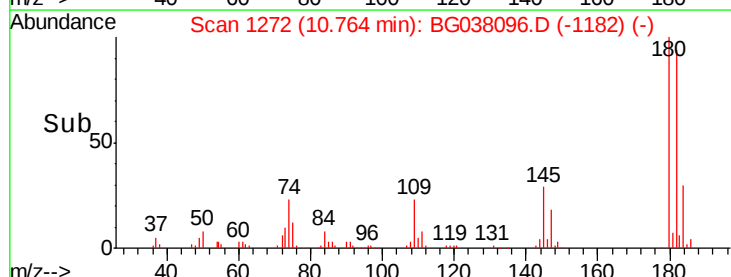
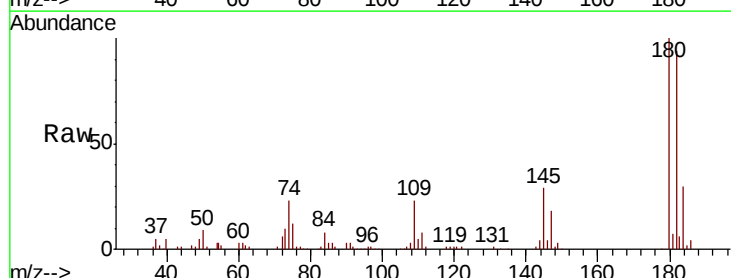
Instrument :
BNA_G
ClientSampleId :
PB114966BSD

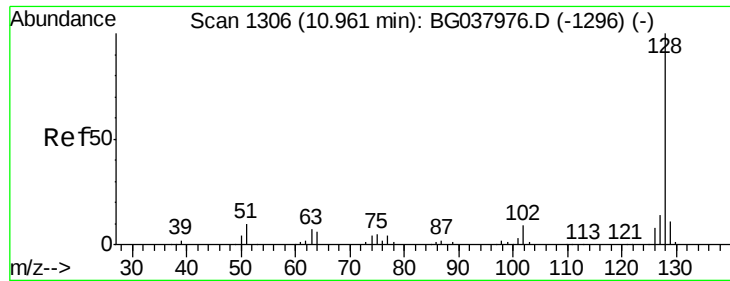
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	36.0	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 44.060 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.7	116.5
145	28.7	23.3	34.9

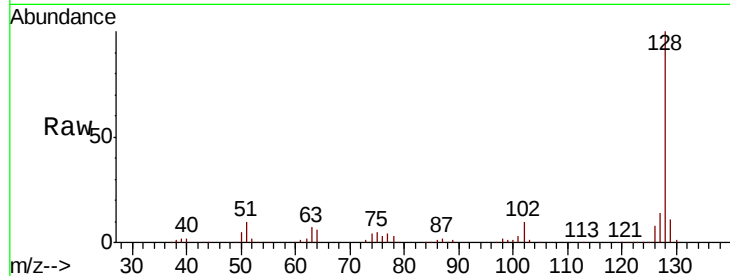




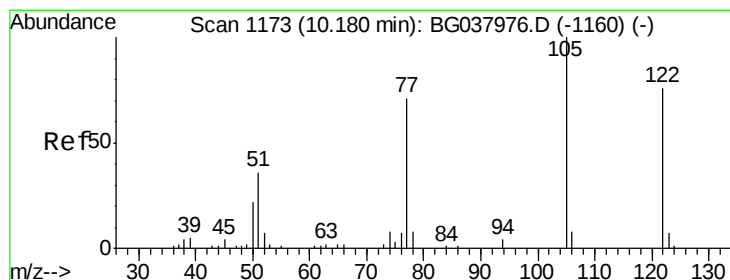
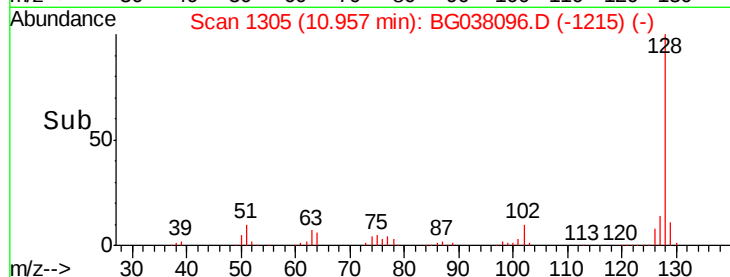
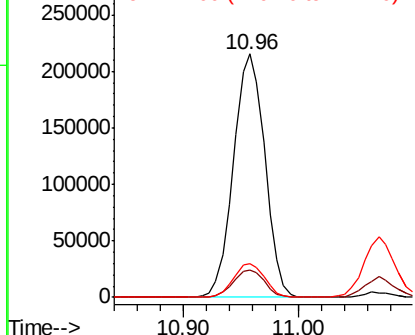
#31
Naphthalene
Concen: 46.799 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:128 Resp: 404260
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.8 11.1 16.7

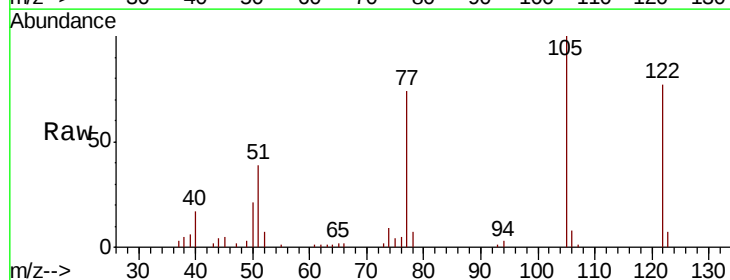


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

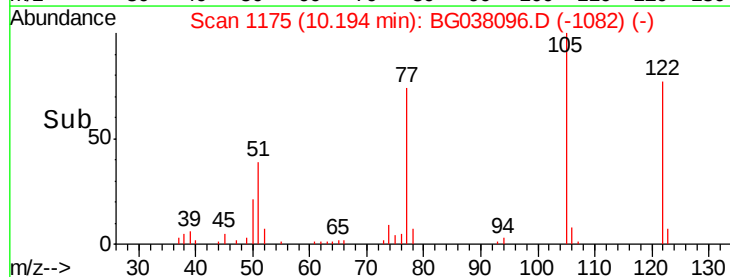
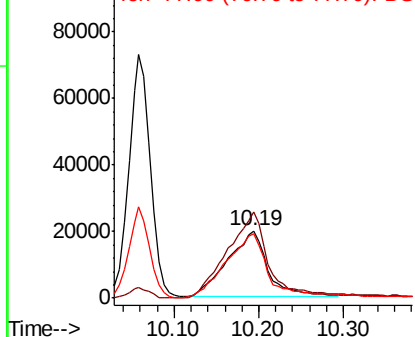


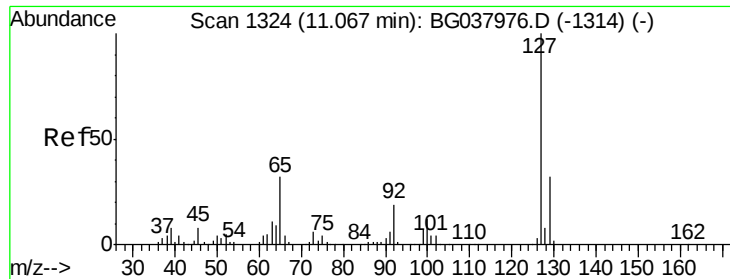
#32
Benzoic acid
Concen: 41.964 ng
RT: 10.19 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:122 Resp: 64820
Ion Ratio Lower Upper
122 100
105 129.4 106.7 146.7
77 95.7 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

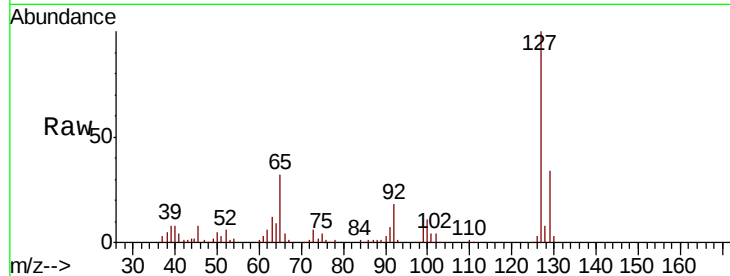




#33
4-Chloroaniline
Concen: 25.147 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:	127	Resp:	101044
Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.1	40.7
65	32.0	26.6	39.8
92	18.0	16.4	24.6



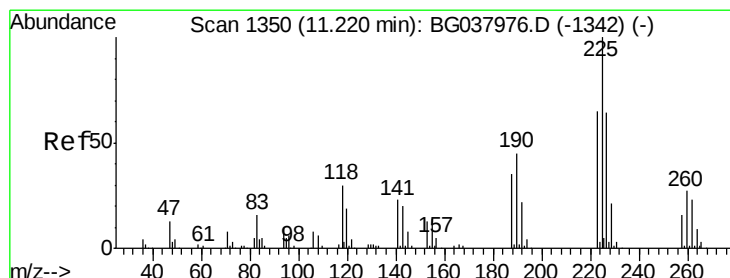
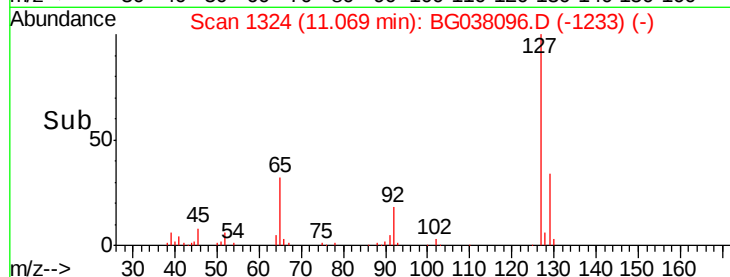
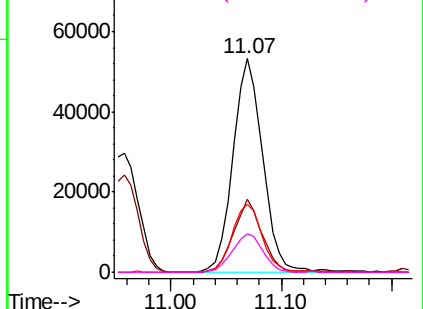
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

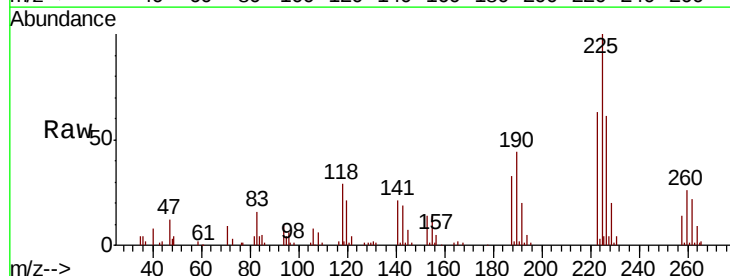
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.638 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:	225	Resp:	83499
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.2	72.4
227	61.6	51.6	77.4

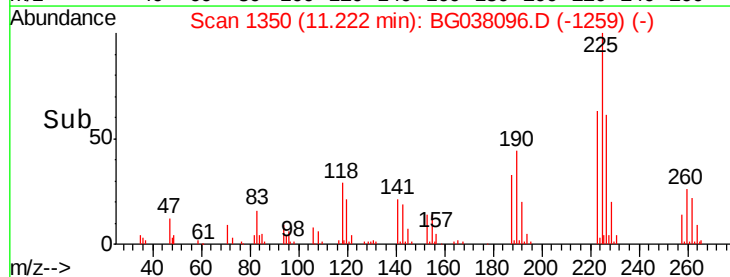
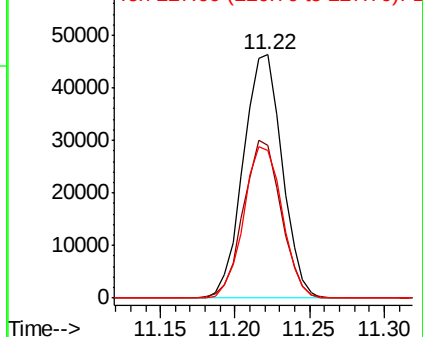


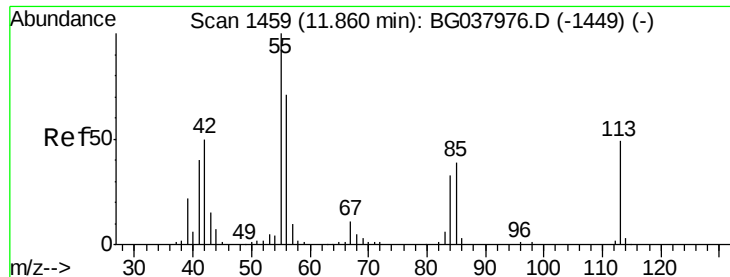
Abundance

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: 31.273 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

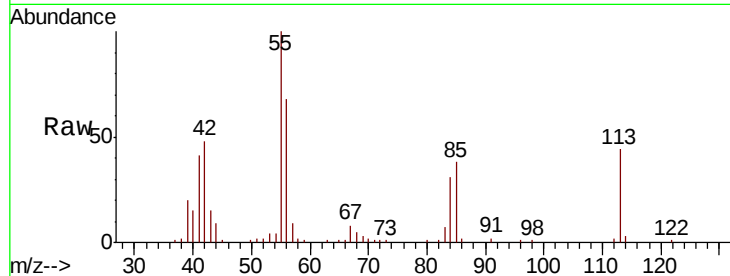
Tgt Ion:113 Resp: 35544

Ion Ratio Lower Upper

113 100

55 225.1 176.6 216.6#

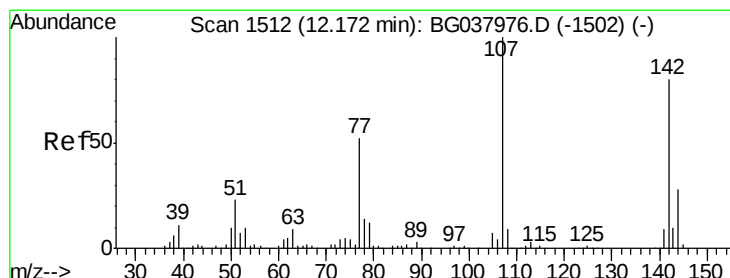
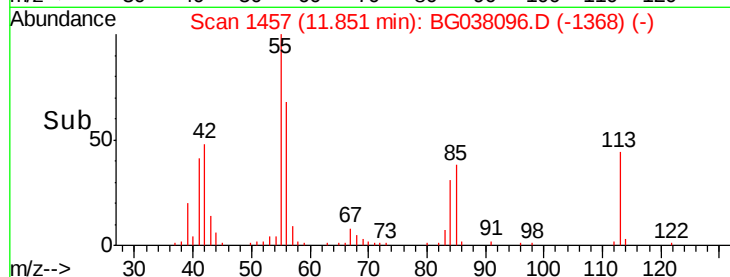
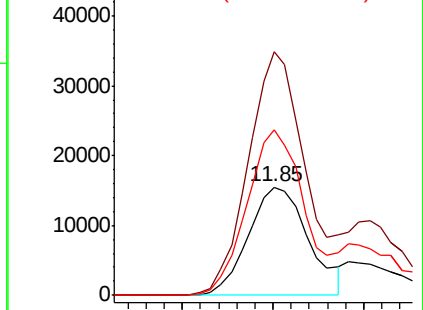
56 153.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.319 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

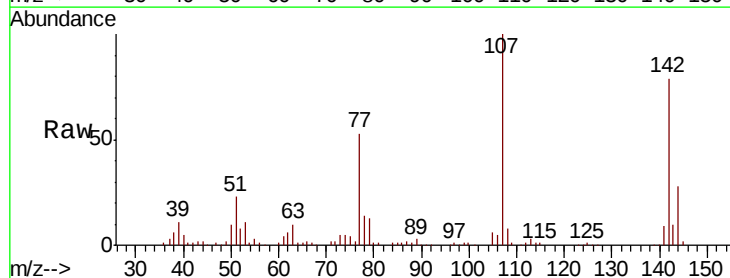
Tgt Ion:107 Resp: 143692

Ion Ratio Lower Upper

107 100

144 27.7 20.7 31.1

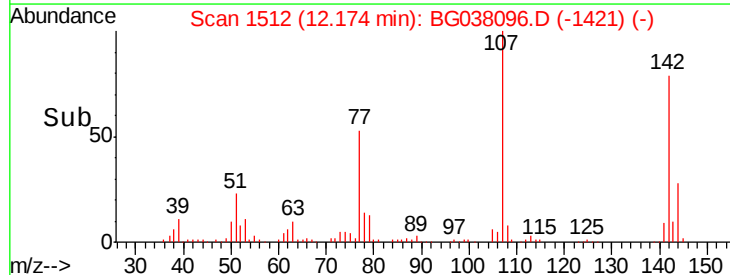
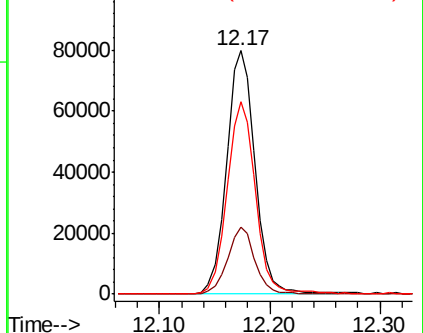
142 78.8 64.4 96.6

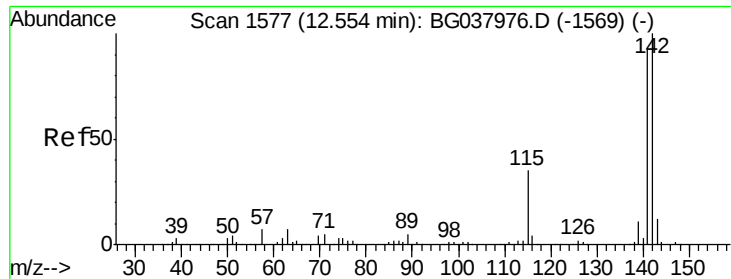


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

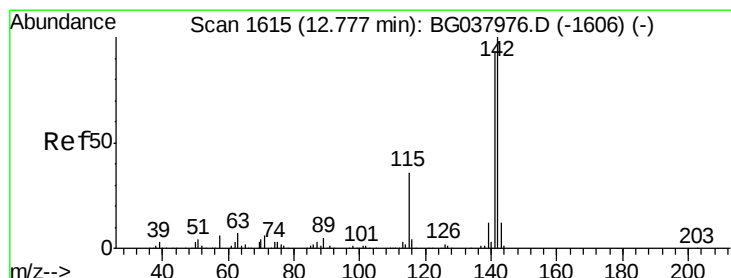
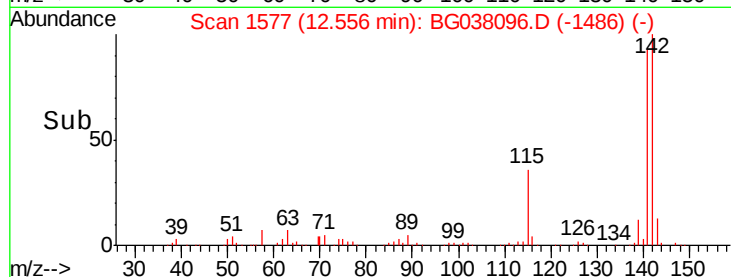
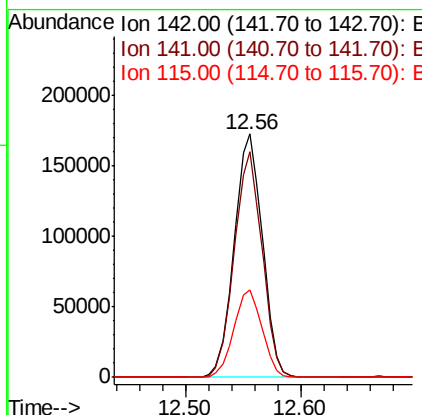
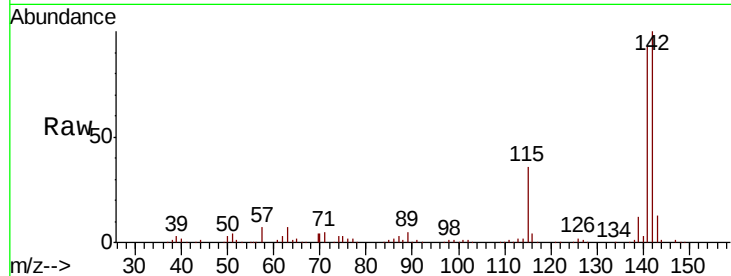




#37
 2-Methylnaphthalene
 Concen: 47.043 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

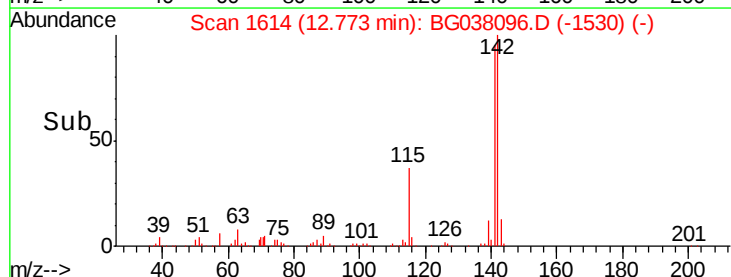
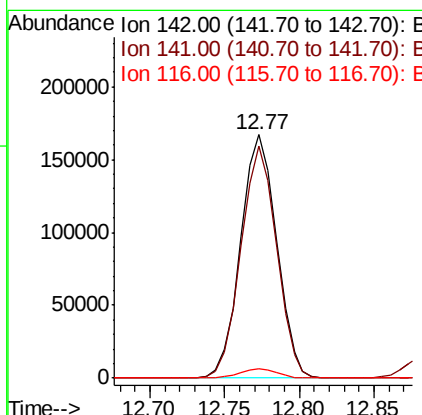
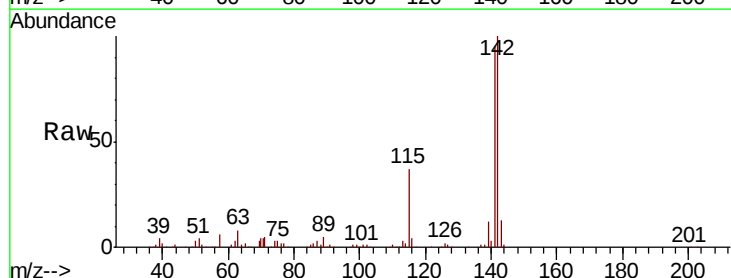
Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

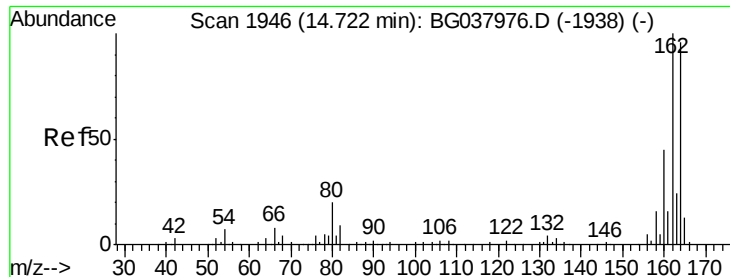
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.9	107.9
115	35.8	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 46.777 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

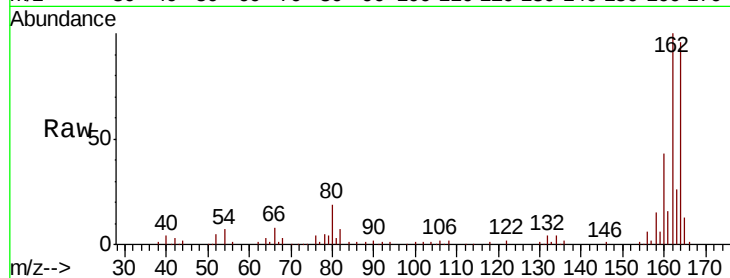
Tgt Ion:164 Resp: 110034

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

160 45.3 36.3 54.5

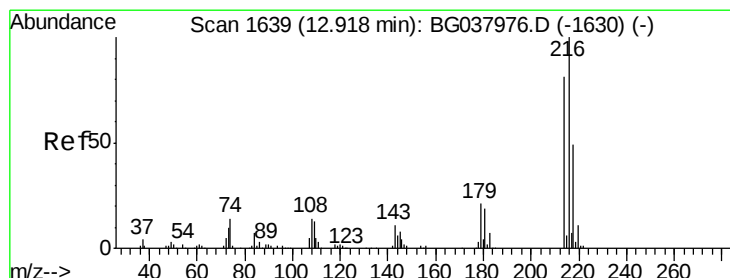
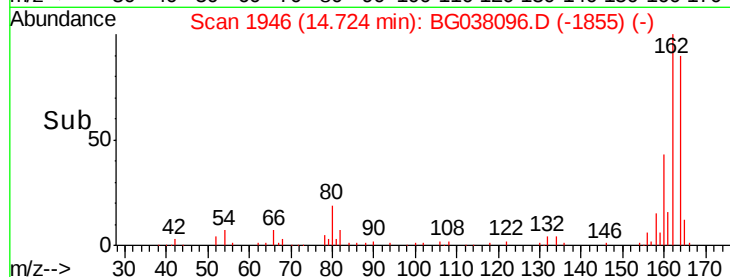
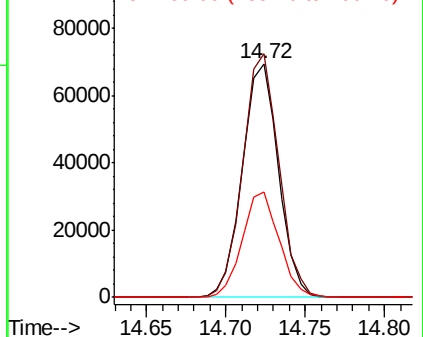


Abundance

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: 41.424 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:216 Resp: 152311

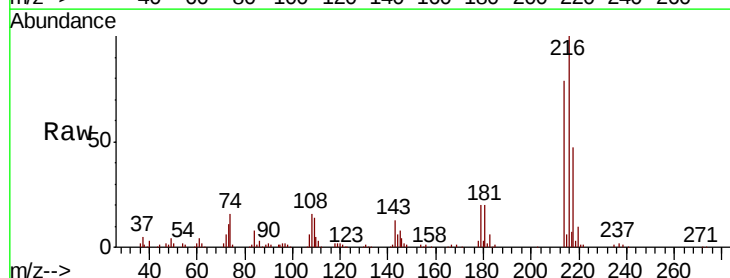
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 21.1 17.4 26.0

108 20.0 13.9 20.9



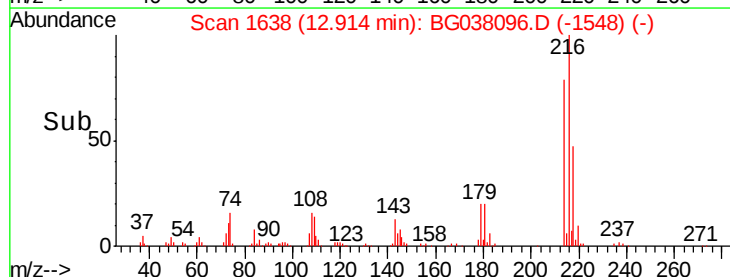
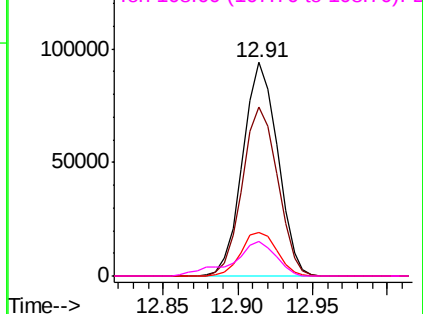
Abundance

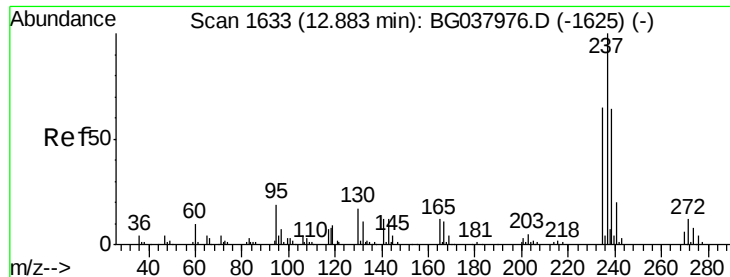
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.112 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

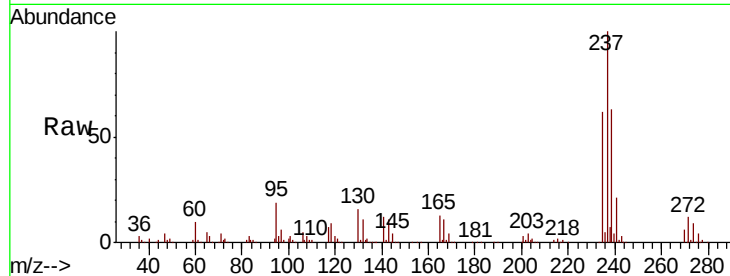
Instrument :

BNA_G

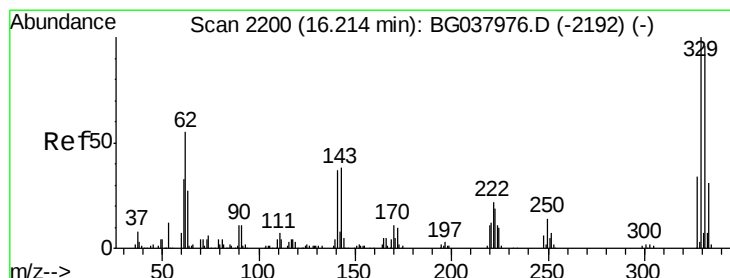
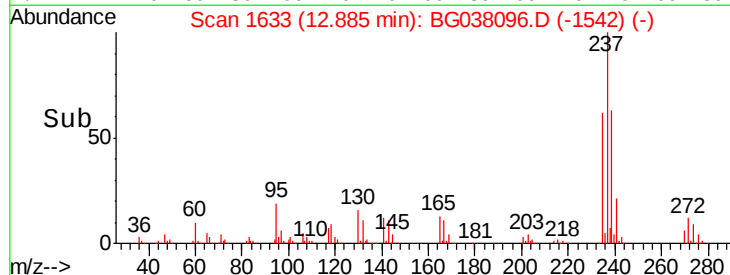
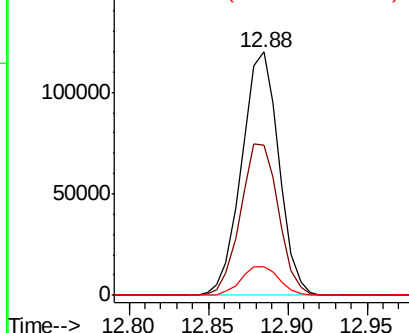
ClientSampleId :

PB114966BSD

Tgt Ion:	237	Resp:	195137
Ion Ratio	Lower	Upper	
237	100		
235	61.8	42.5	82.5
272	11.8	0.0	31.6



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: 131.448 ng

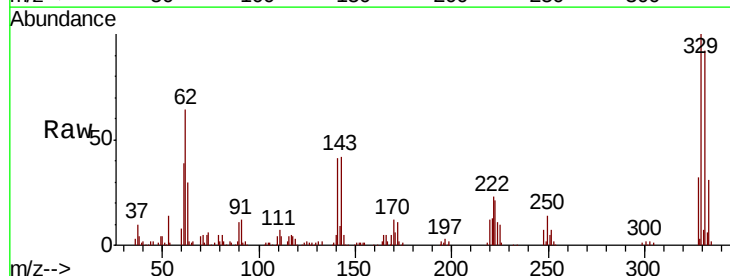
RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

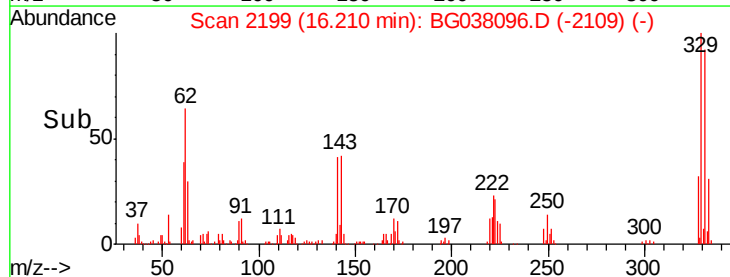
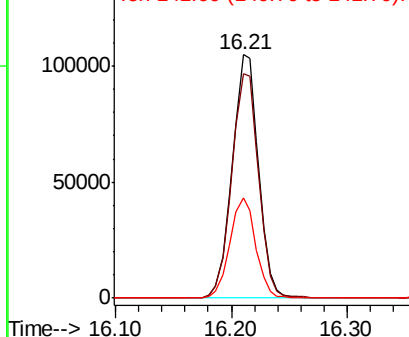
Lab File: BG038096.D

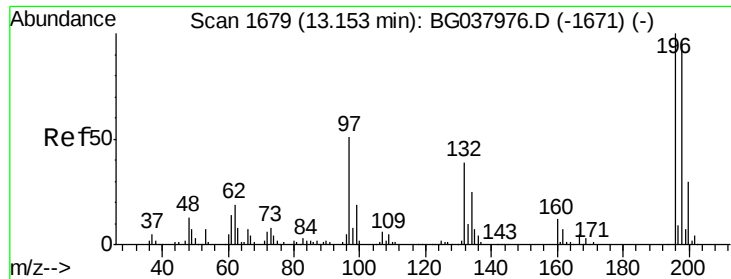
Acq: 20 Nov 2018 22:04

Tgt Ion:	330	Resp:	164955
Ion Ratio	Lower	Upper	
330	100		
332	94.3	78.4	117.6
141	40.6	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

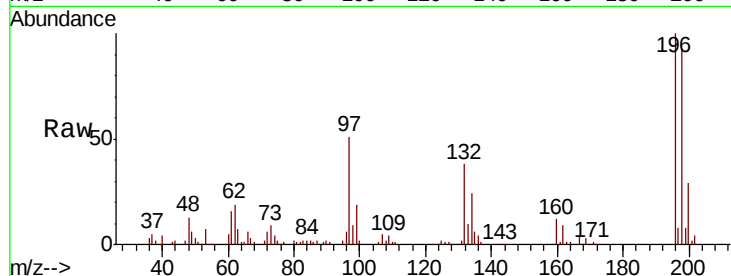




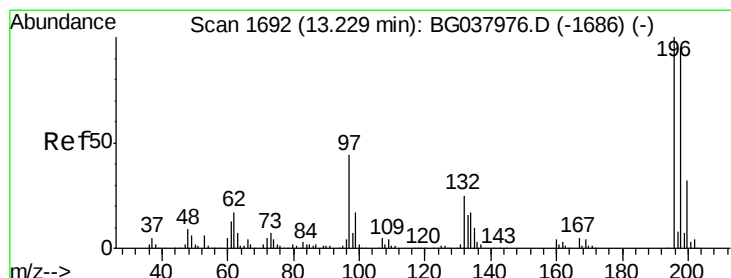
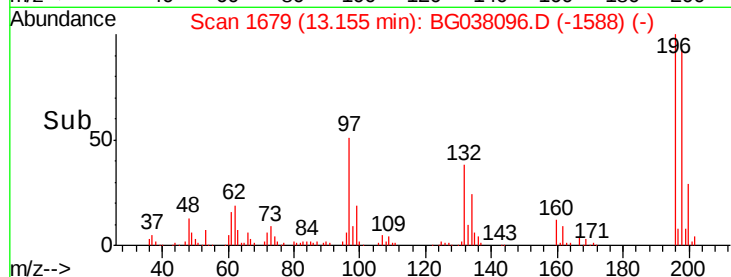
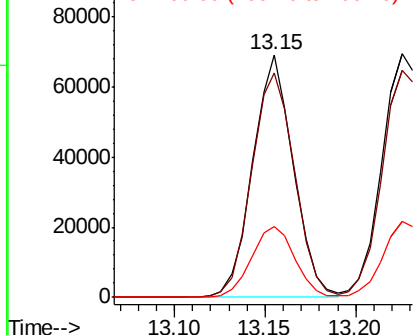
#43
 2,4,6-Trichlorophenol
 Concen: 43.002 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tgt Ion:196 Resp: 107742
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.4 114.6
 200 29.4 24.9 37.3



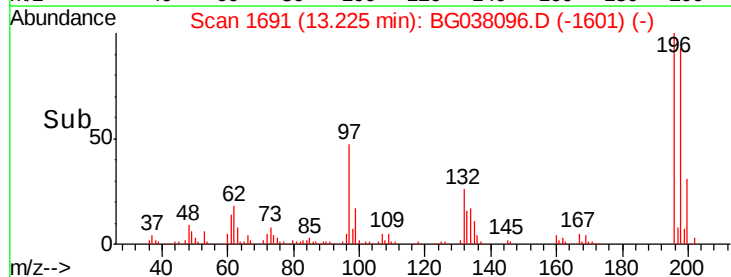
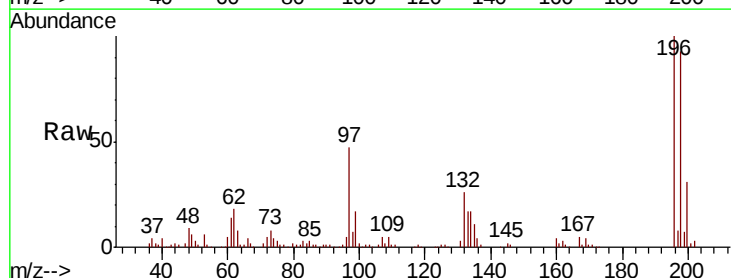
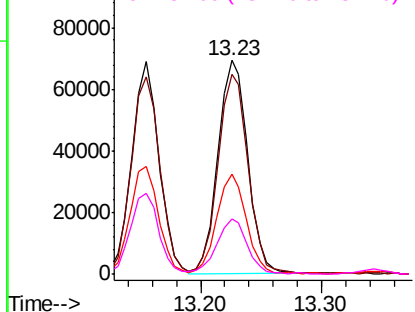
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

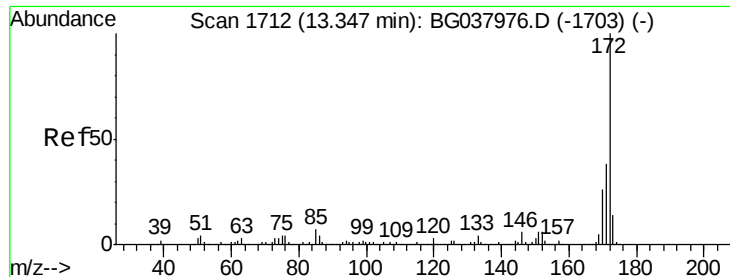


#44
 2,4,5-Trichlorophenol
 Concen: 44.604 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion:196 Resp: 117588
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.2 111.2
 97 46.7 34.1 51.1
 132 26.0 20.2 30.4

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

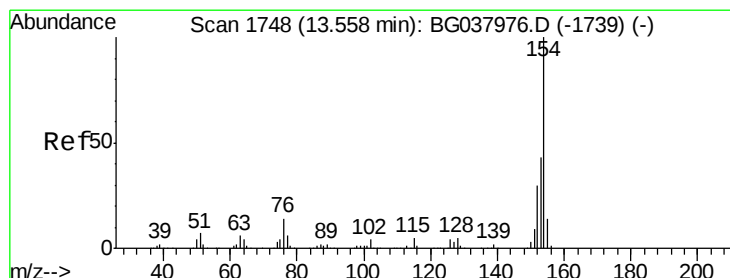
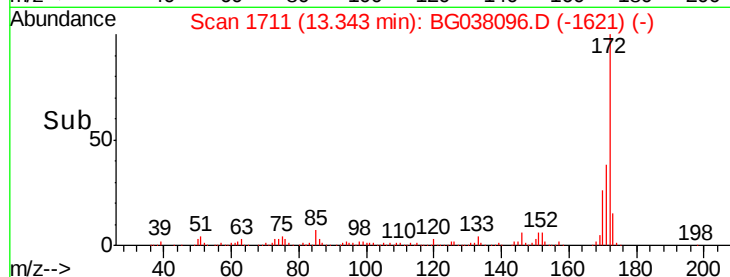
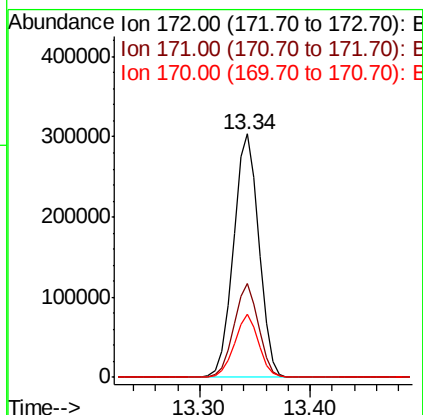
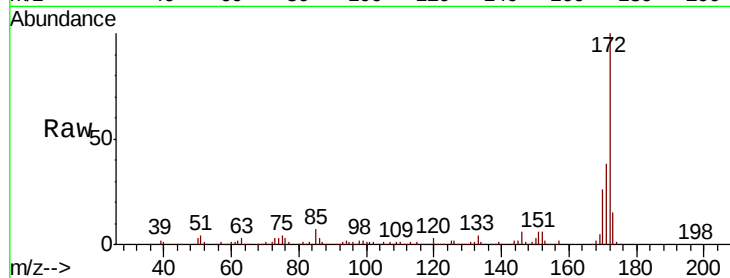




#45
 2-Fluorobiphenyl
 Concen: 64.598 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

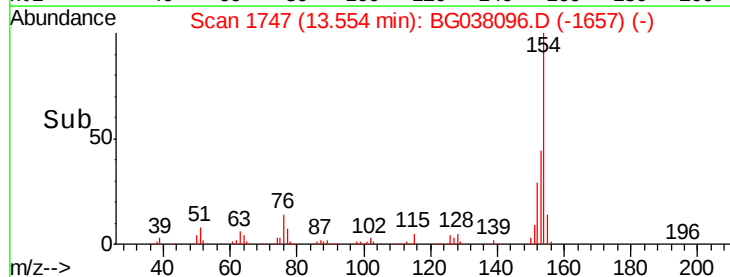
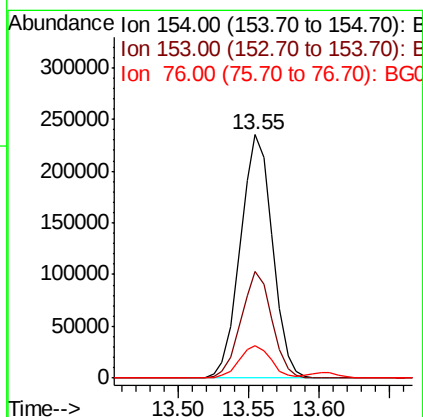
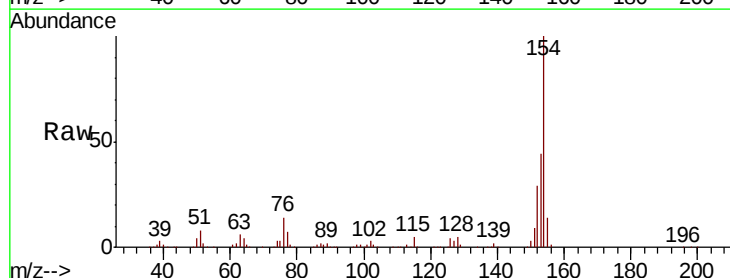
Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

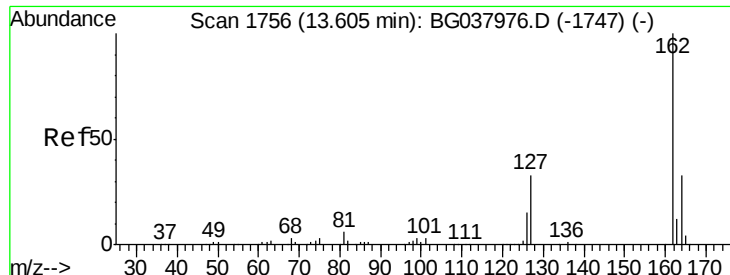
Tgt Ion:172 Resp: 487899
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 26.1 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 40.330 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion:154 Resp: 372818
 Ion Ratio Lower Upper
 154 100
 153 43.7 22.1 62.1
 76 13.5 0.0 33.2

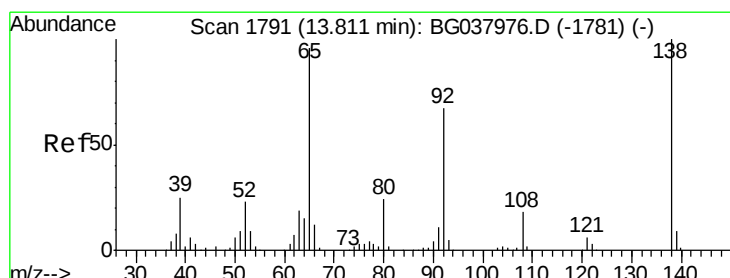
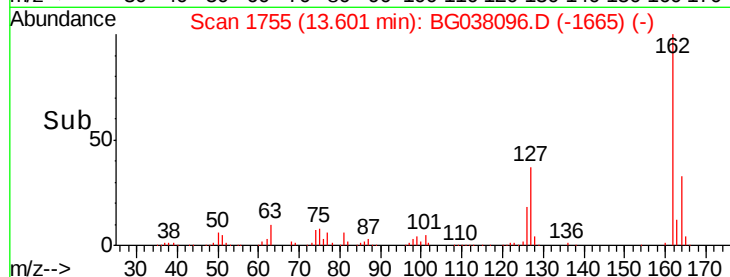
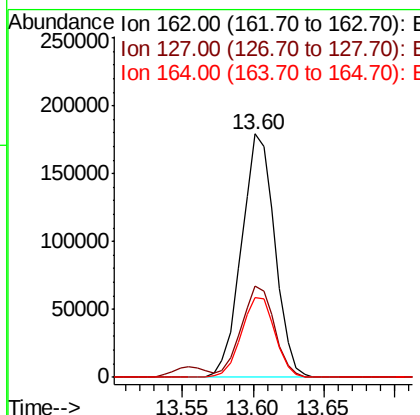
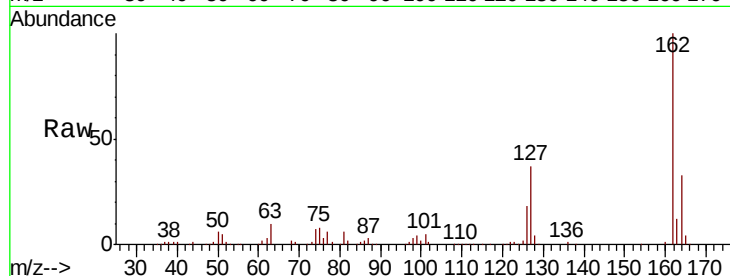




#47
 2-Chloronaphthalene
 Concen: 41.835 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

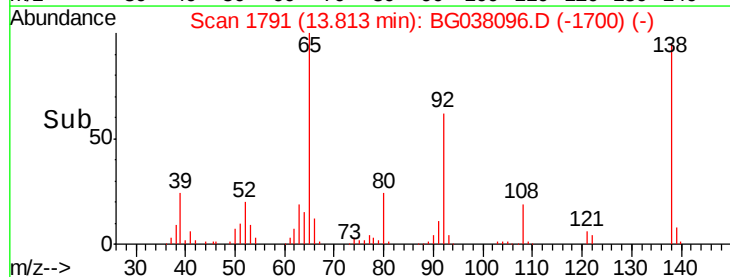
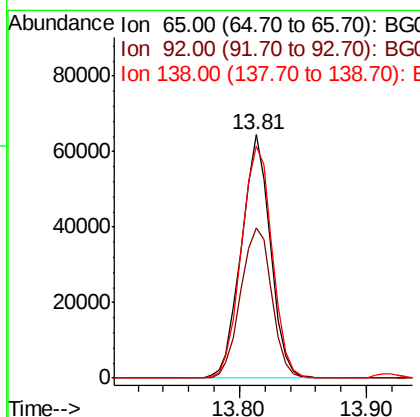
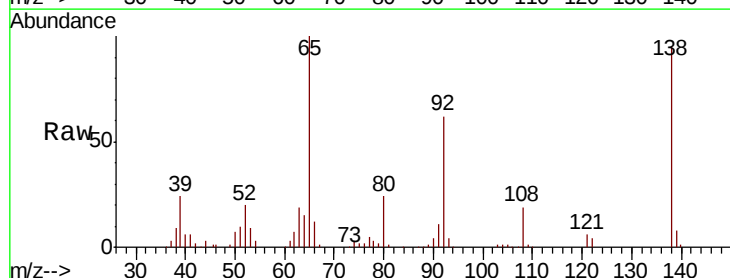
Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	32.8	26.4	39.6



#48
 2-Nitroaniline
 Concen: 46.188 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	53.2	79.8
138	95.3	79.3	118.9





#49

Acenaphthylene

Concen: 46.127 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

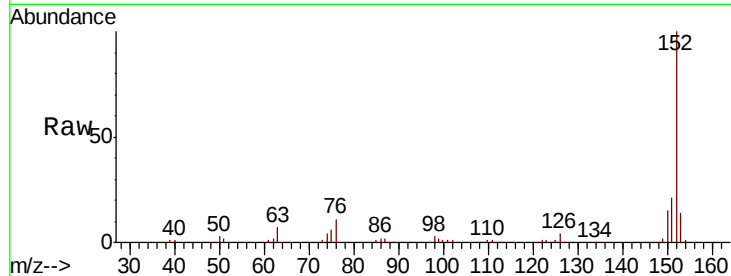
Tgt Ion:152 Resp: 489301

Ion Ratio Lower Upper

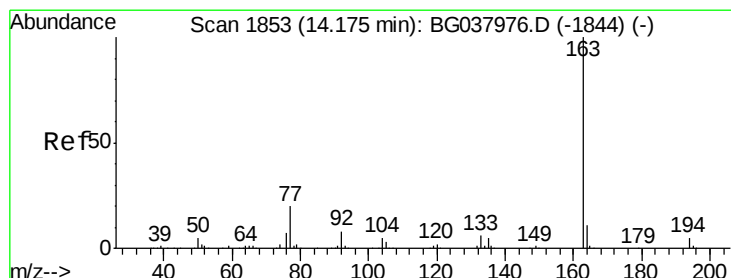
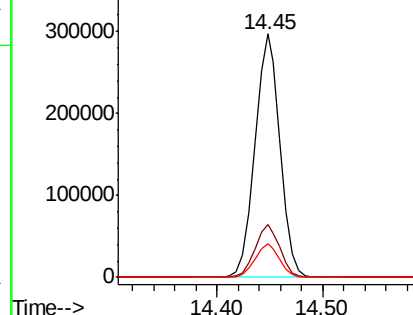
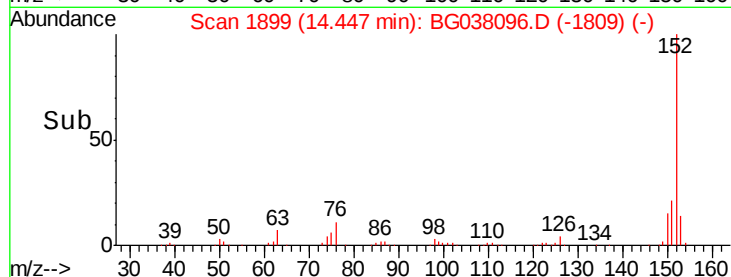
152 100

151 21.5 17.1 25.7

153 13.6 11.1 16.7



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: 42.849 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

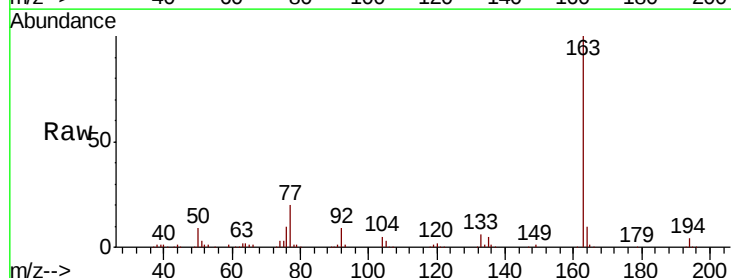
Tgt Ion:163 Resp: 373785

Ion Ratio Lower Upper

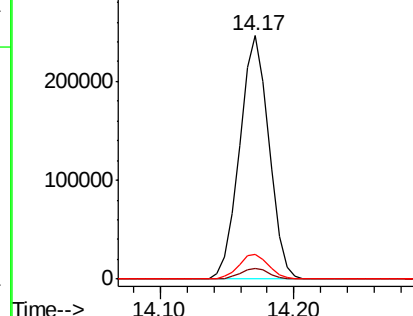
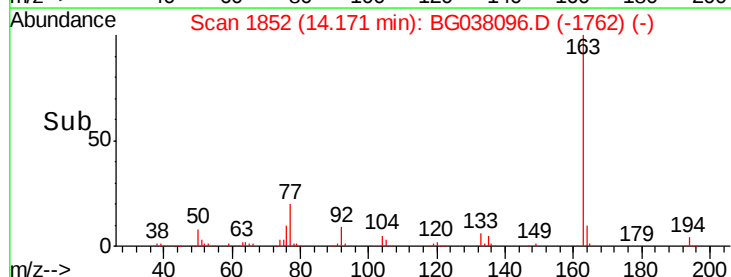
163 100

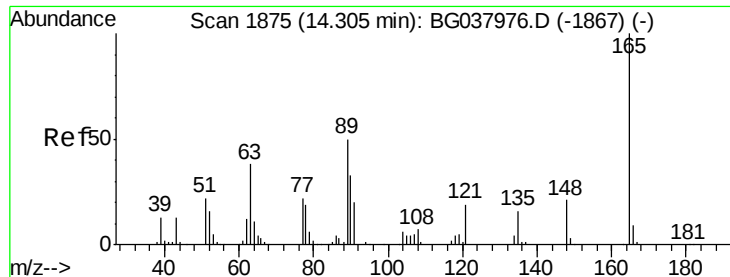
194 4.4 3.5 5.3

164 10.2 8.5 12.7



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: 43.748 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

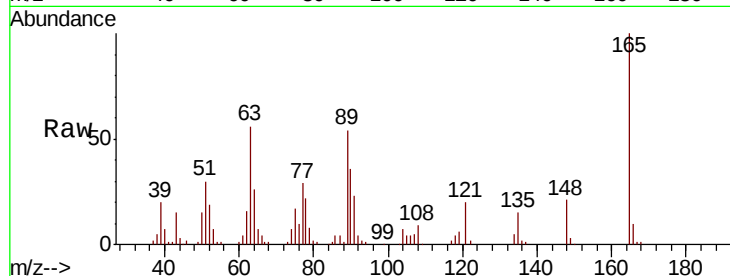
Tgt Ion:165 Resp: 86372

Ion Ratio Lower Upper

165 100

63 56.4 43.4 65.2

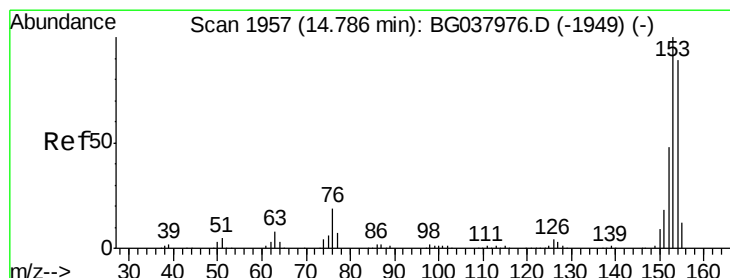
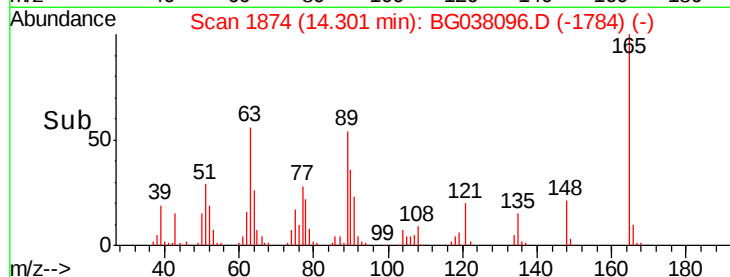
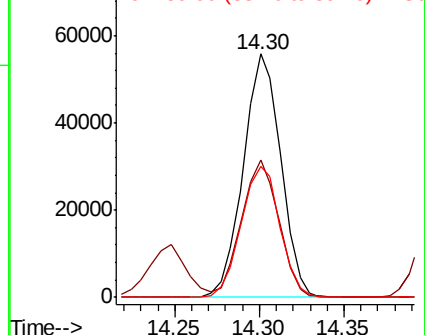
89 53.6 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG037976.D (-1867) (-)

Ion 89.00 (88.70 to 89.70): BG037976.D (-1867) (-)



#52

Acenaphthene

Concen: 43.982 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

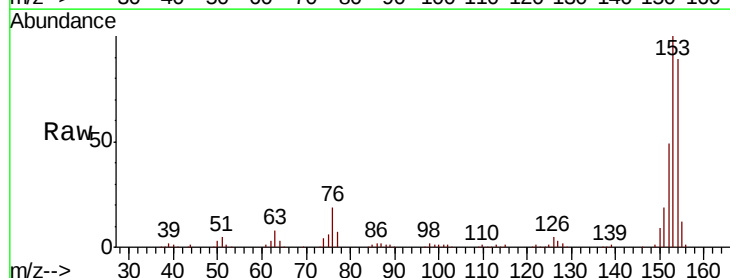
Tgt Ion:154 Resp: 280873

Ion Ratio Lower Upper

154 100

153 112.2 93.4 140.0

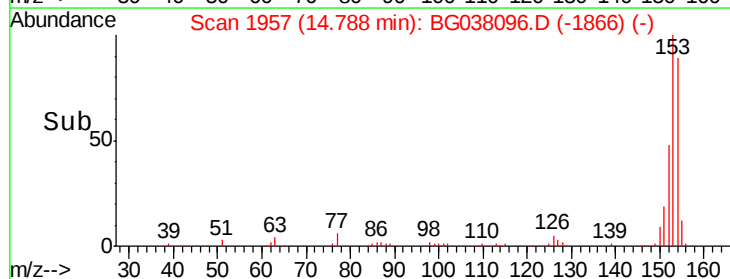
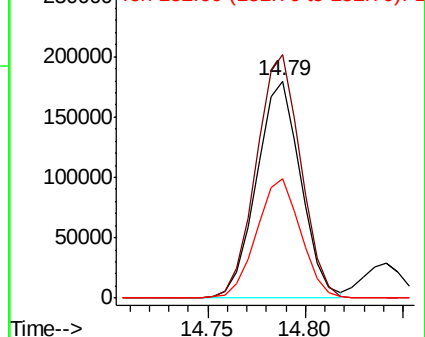
152 54.8 44.7 67.1



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: 32.648 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

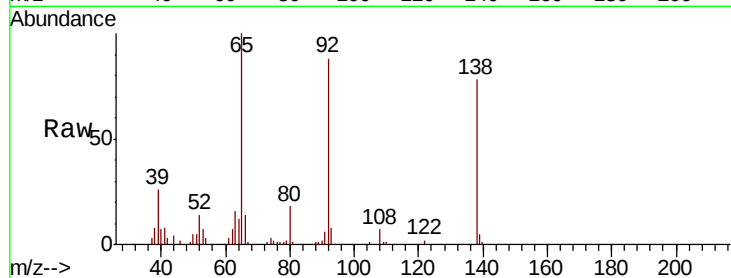
Tgt Ion:138 Resp: 71126

Ion Ratio Lower Upper

138 100

108 8.7 11.0 16.6#

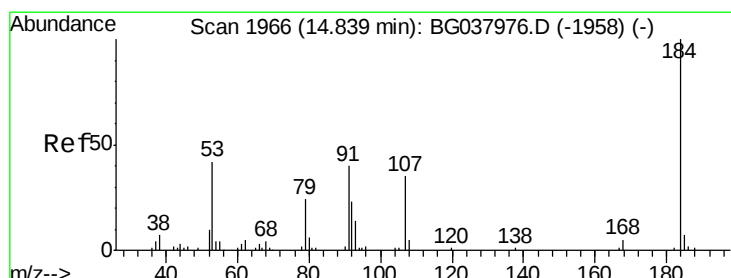
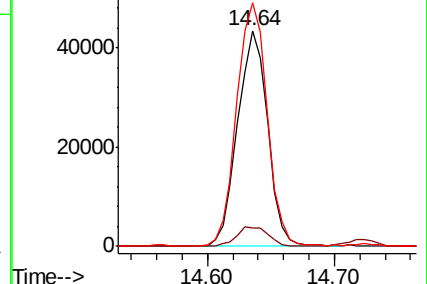
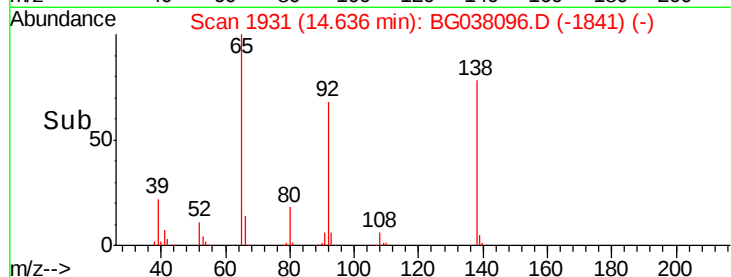
92 112.9 95.2 142.8



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: 76.331 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

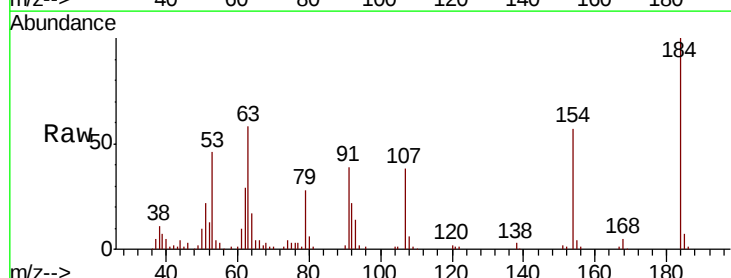
Tgt Ion:184 Resp: 80820

Ion Ratio Lower Upper

184 100

63 58.5 42.6 63.8

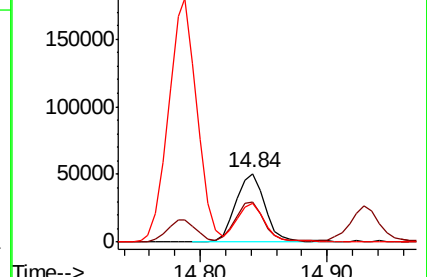
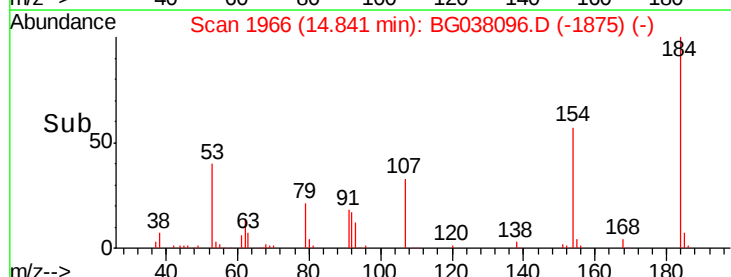
154 57.1 41.8 62.6

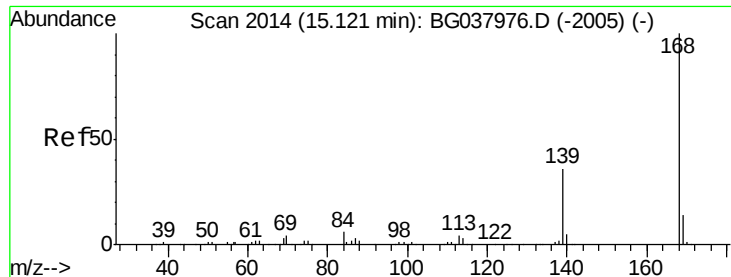


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

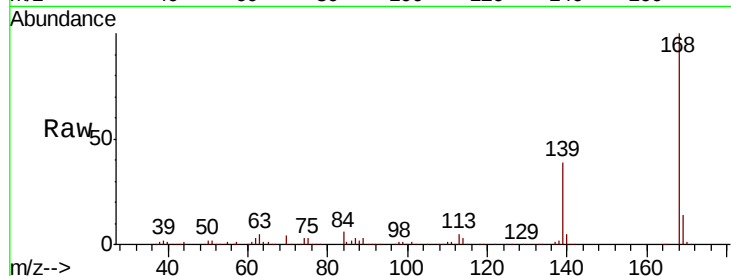




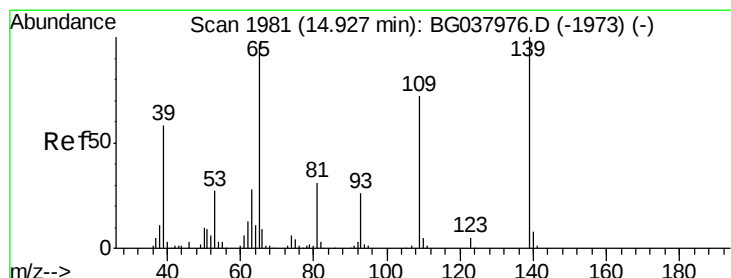
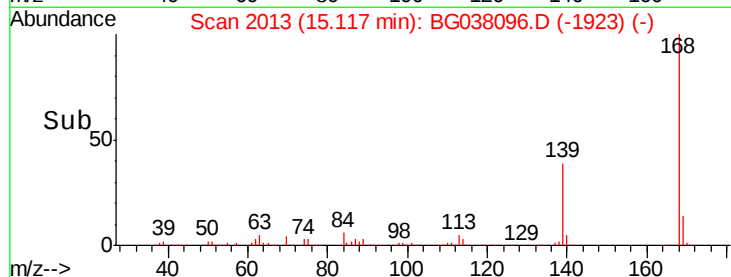
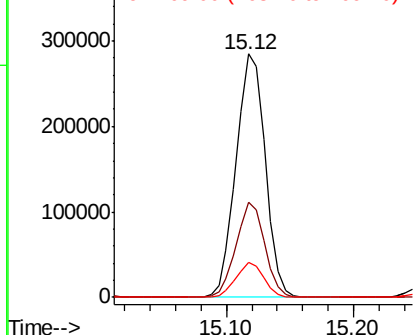
#55
Dibenzenofuran
Concen: 42.931 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:168 Resp: 453337
Ion Ratio Lower Upper
168 100
139 39.1 29.4 44.0
169 14.4 11.0 16.6

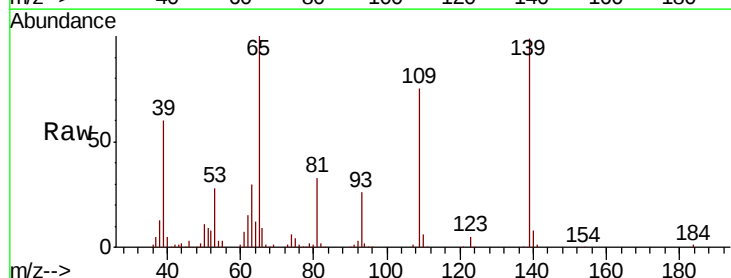


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

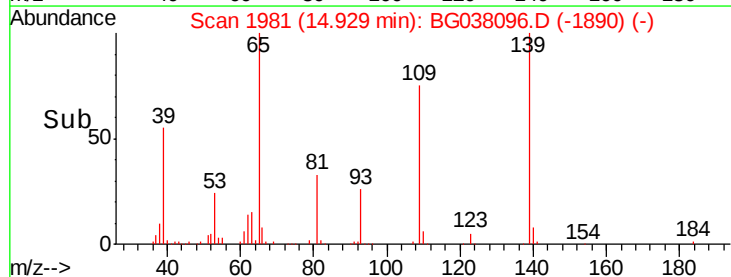
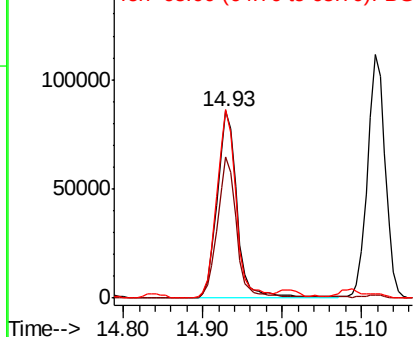


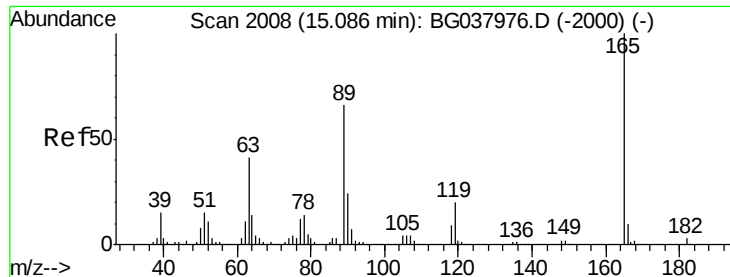
#56
4-Nitrophenol
Concen: 88.971 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:139 Resp: 149491
Ion Ratio Lower Upper
139 100
109 75.4 49.5 89.5
65 101.1 76.8 116.8



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

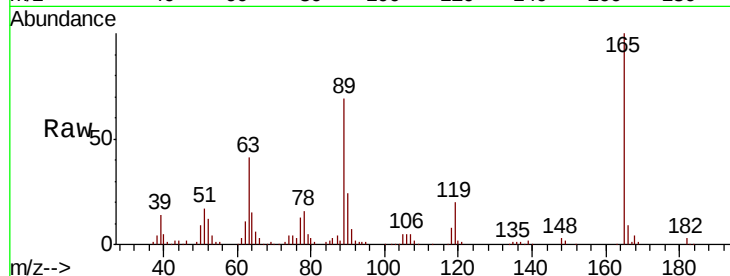




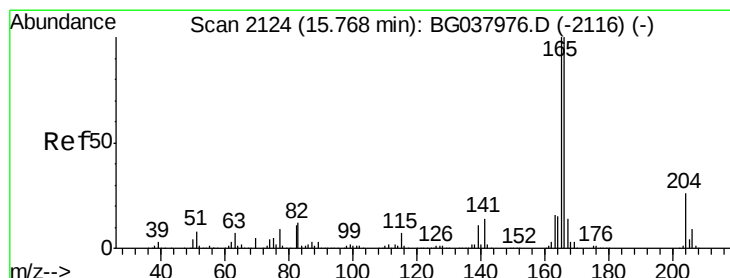
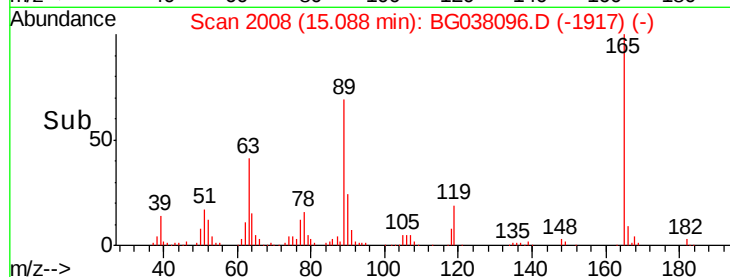
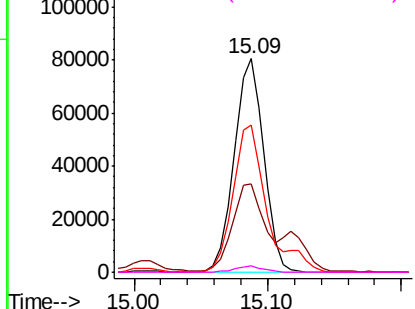
#57
2,4-Dinitrotoluene
Concen: 45.929 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:	165	Resp:	123375
Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.4	50.0
89	68.8	57.2	85.8
182	2.8	2.6	4.0

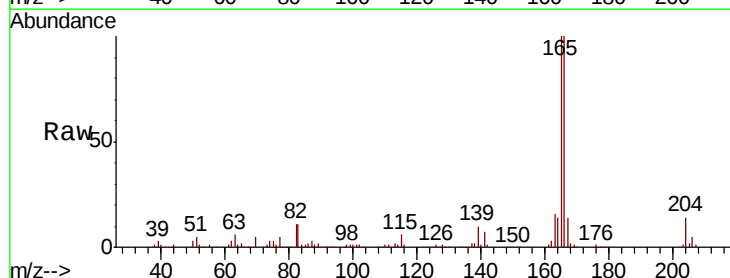


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

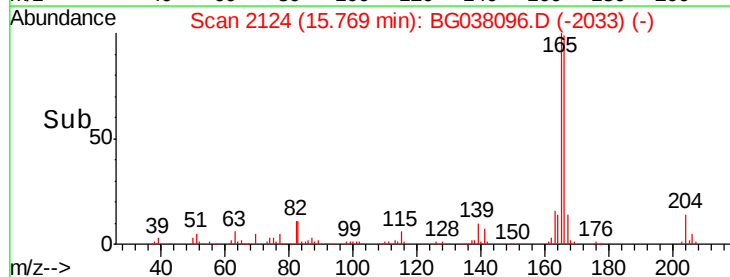
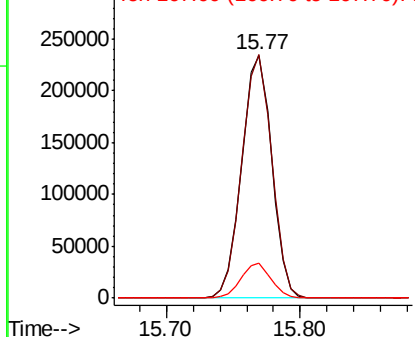


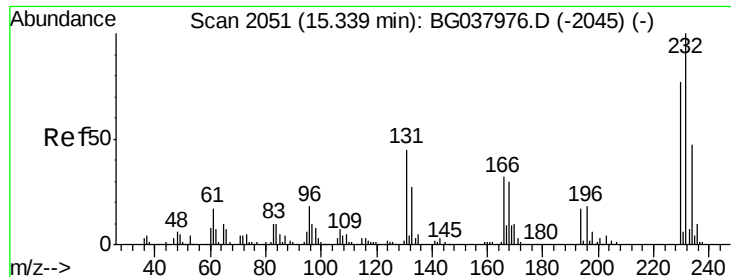
#58
Fluorene
Concen: 46.102 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:	166	Resp:	363225
Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.0	118.6
167	14.2	11.3	16.9



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

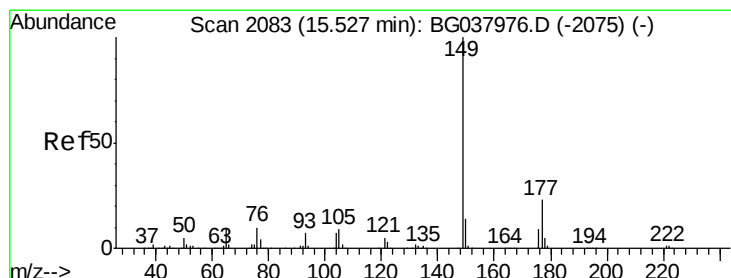
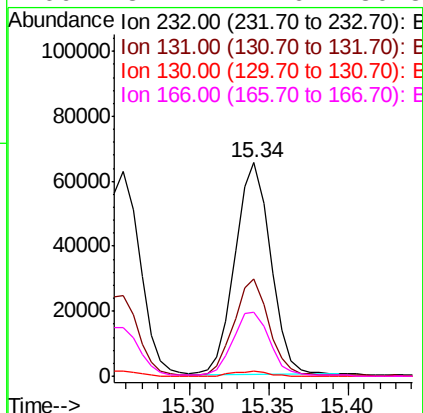
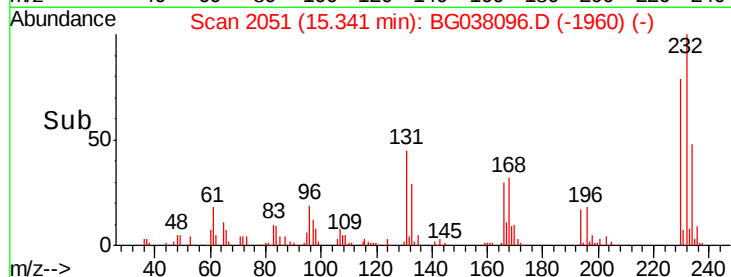
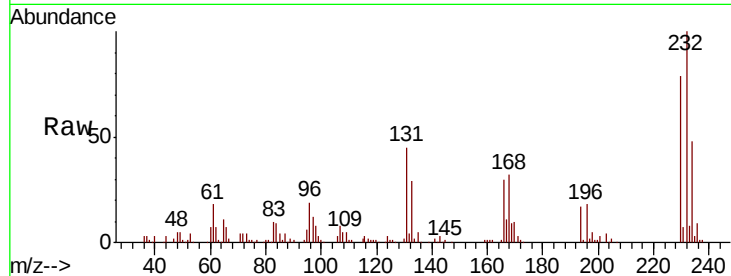




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.367 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

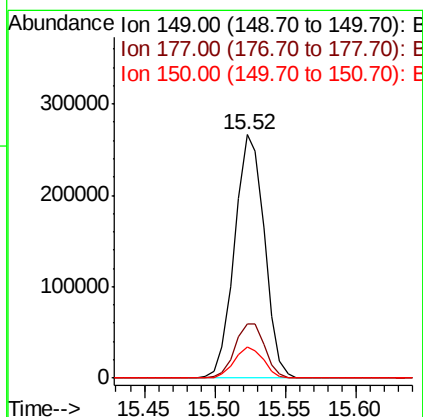
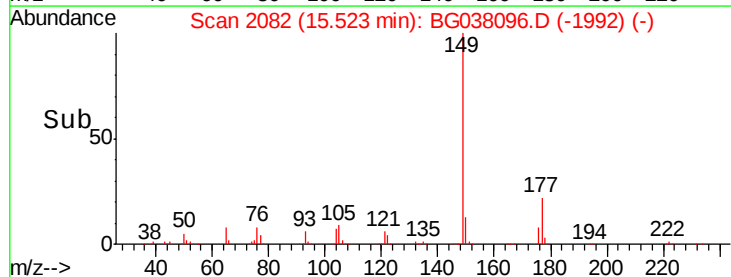
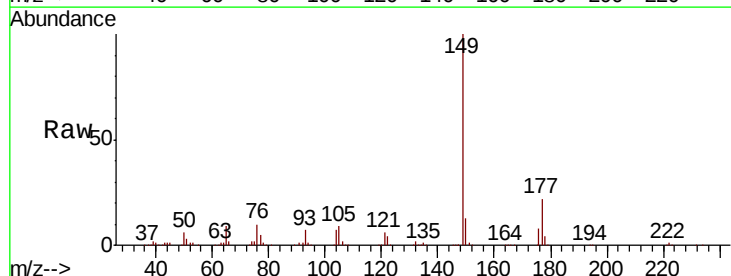
Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

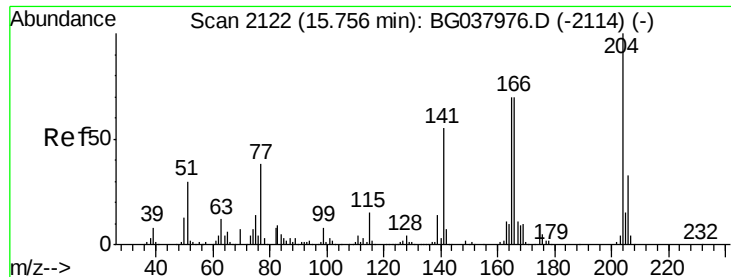
Tgt Ion:232 Resp: 102284
 Ion Ratio Lower Upper
 232 100
 131 44.8 33.7 50.5
 130 2.4 2.1 3.1
 166 32.1 24.6 36.8



#60
 Diethylphthalate
 Concen: 42.250 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion:149 Resp: 391462
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.3 27.5
 150 12.9 10.0 15.0

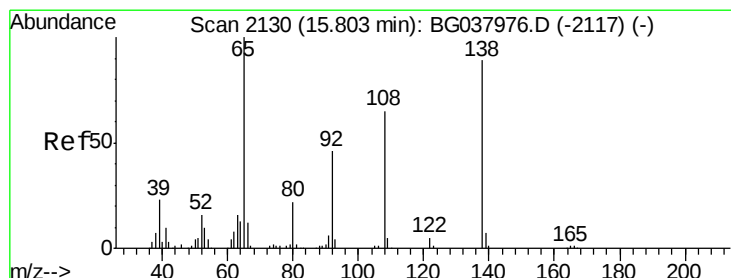
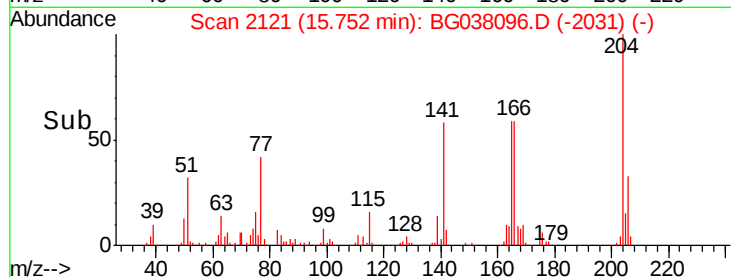
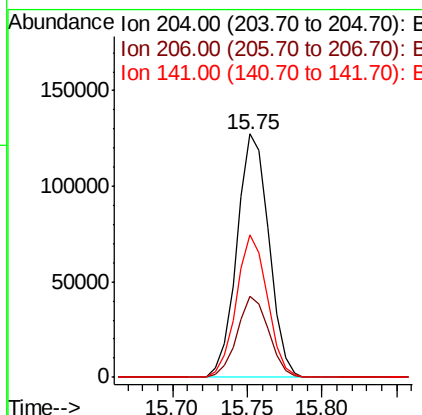
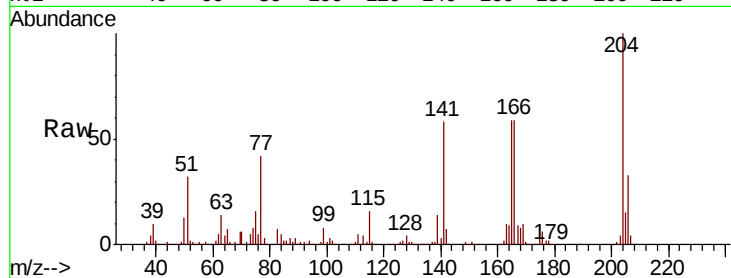




#61
 4-Chlorophenyl-phenylether
 Concen: 40.986 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

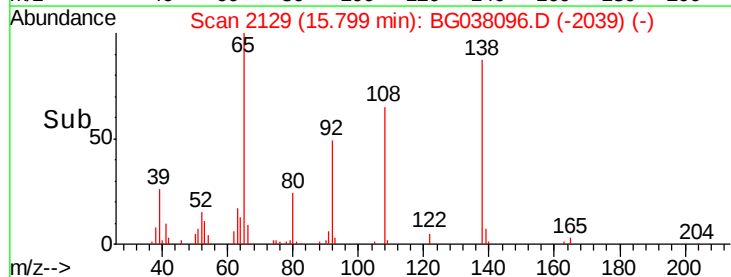
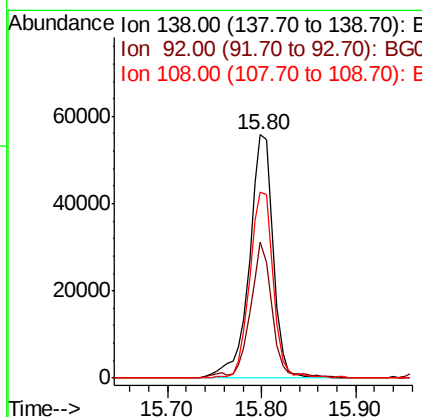
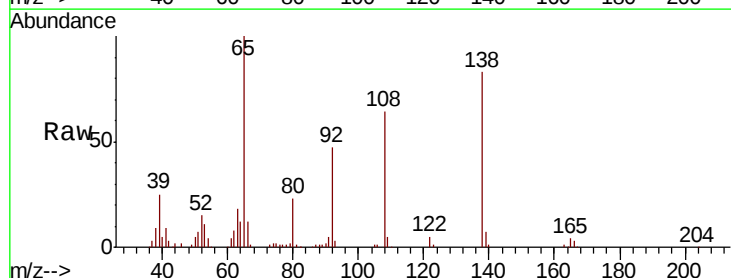
Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

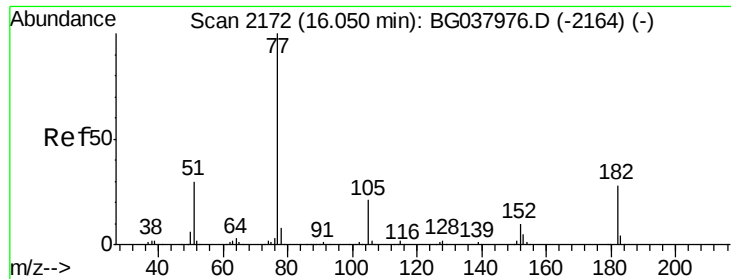
Tgt Ion:204 Resp: 188953
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 58.4 45.4 68.2



#62
 4-Nitroaniline
 Concen: 45.335 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion:138 Resp: 98114
 Ion Ratio Lower Upper
 138 100
 92 56.1 36.4 76.4
 108 76.3 60.1 100.1

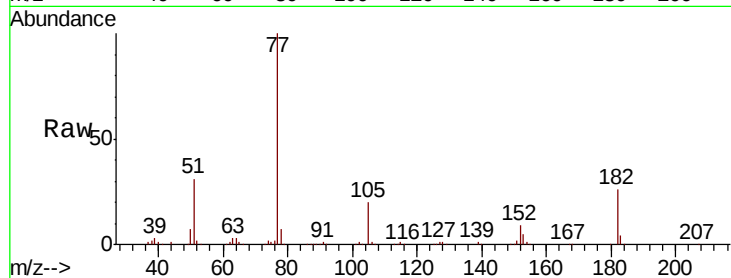




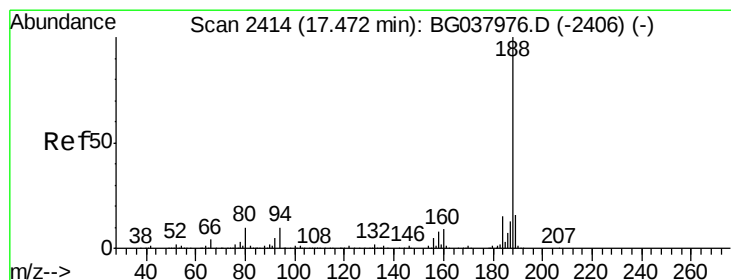
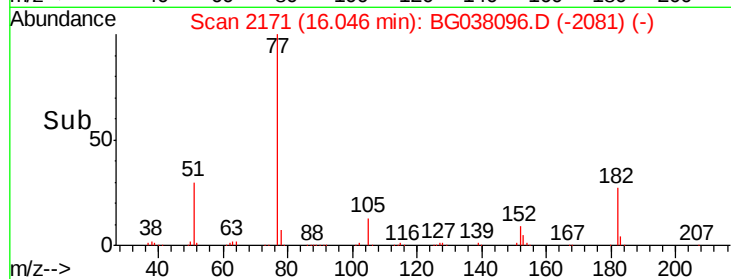
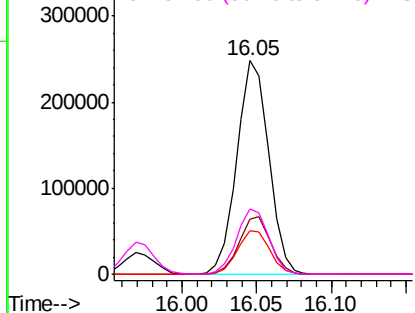
#63
Azobenzene
Concen: 44.375 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	8.0	48.0
105	20.1	1.3	41.3
51	30.7	10.7	50.7

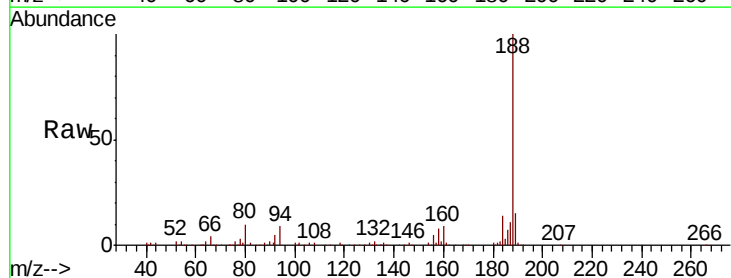


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

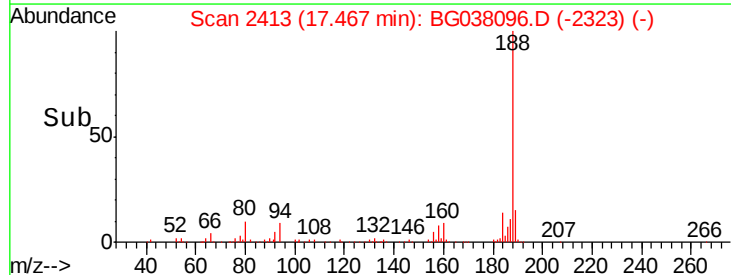
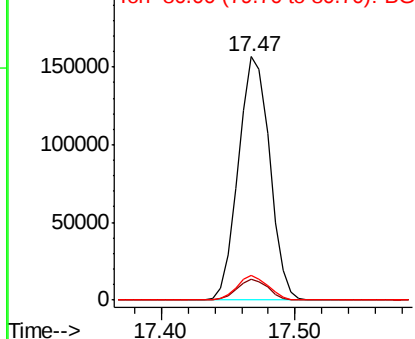


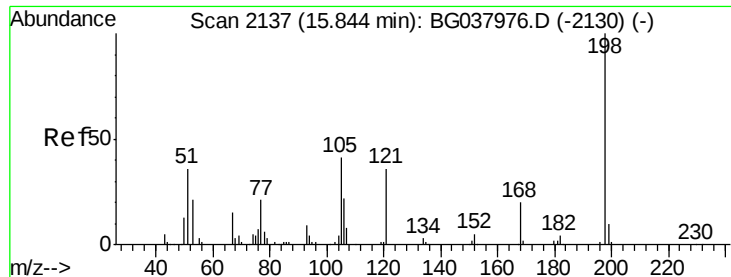
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.9	7.7	11.5



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

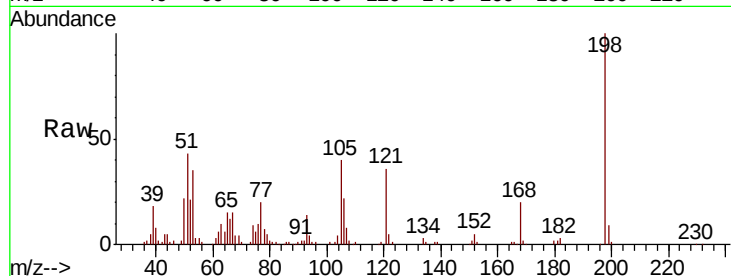




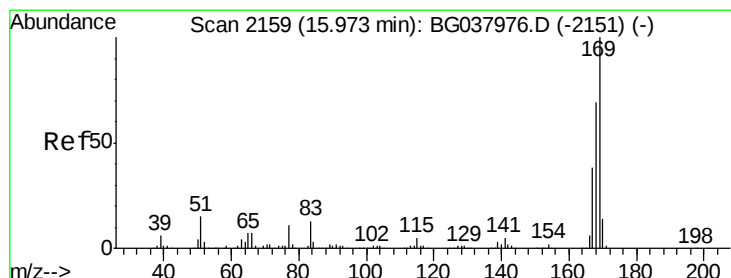
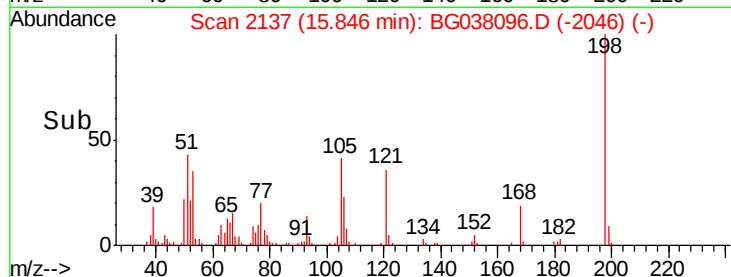
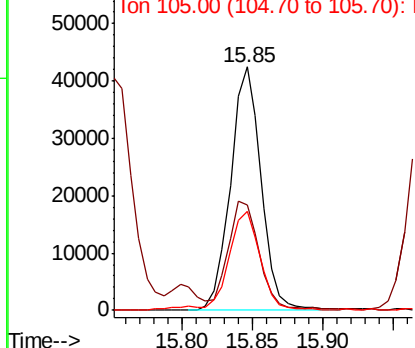
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.734 ng
 RT: 15.85 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PB114966BSD

Tgt Ion:198 Resp: 63990
 Ion Ratio Lower Upper
 198 100
 51 43.1 22.7 62.7
 105 40.5 19.7 59.7

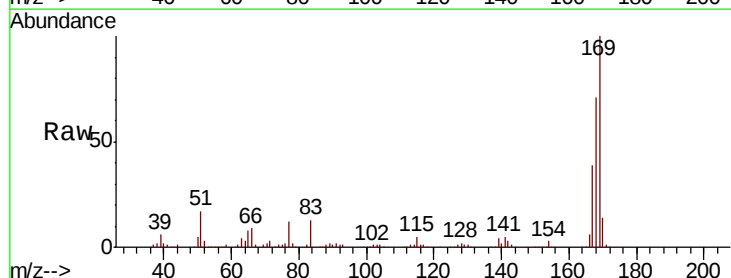


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

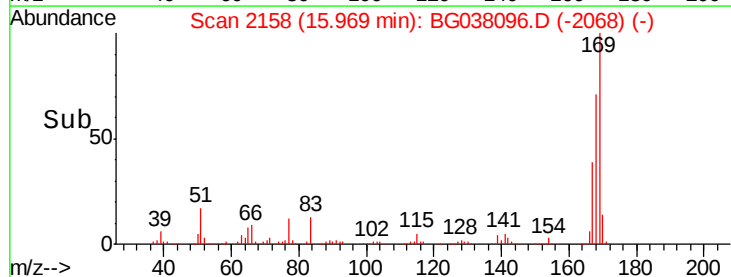
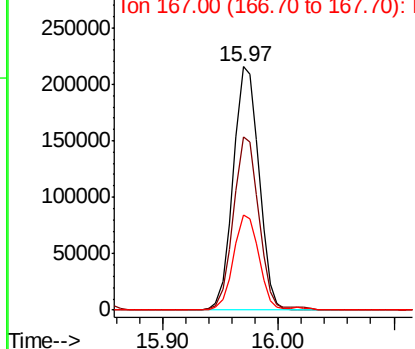


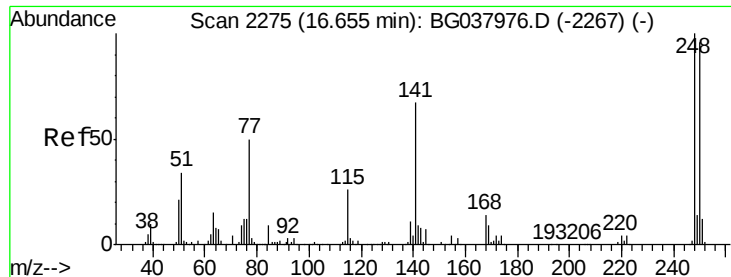
#66
 n-Nitrosodiphenylamine
 Concen: 43.137 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion:169 Resp: 332280
 Ion Ratio Lower Upper
 169 100
 168 71.3 55.7 83.5
 167 39.0 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

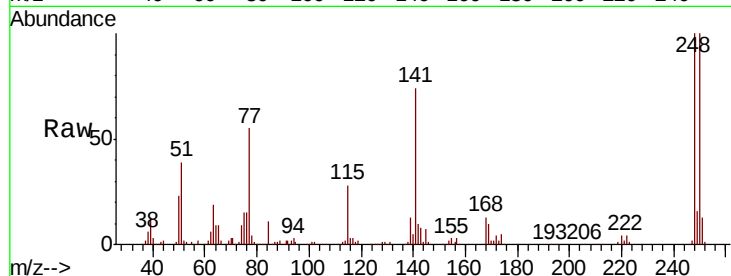




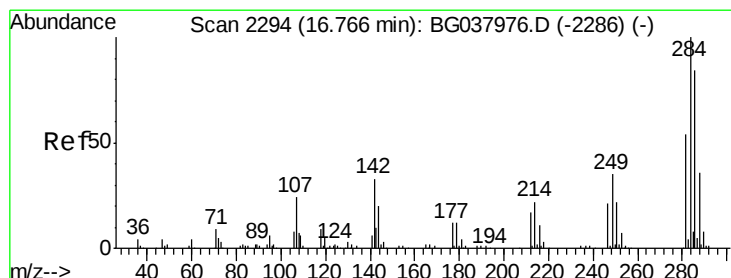
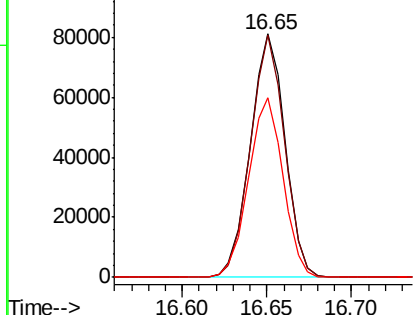
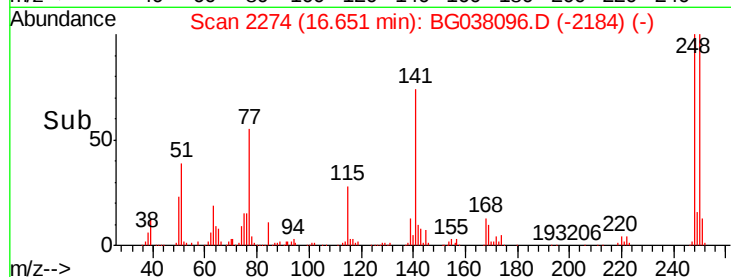
#67
 4-Bromophenyl-phenylether
 Concen: 41.536 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Instrument :
 BNA_G
 ClientSampleID :
 PB114966BSD

Tgt Ion:248 Resp: 116077
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.0 115.6
 141 73.7 55.5 83.3

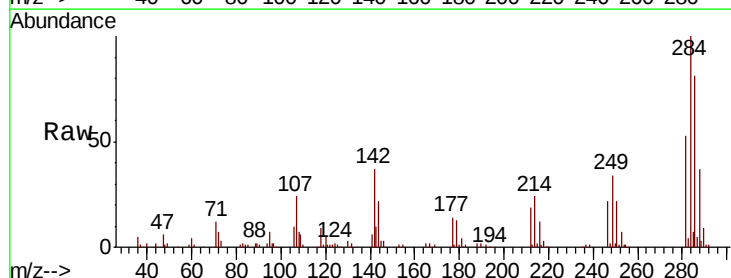


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

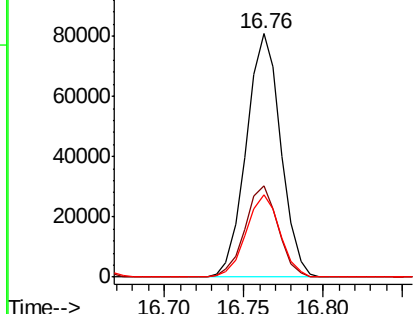
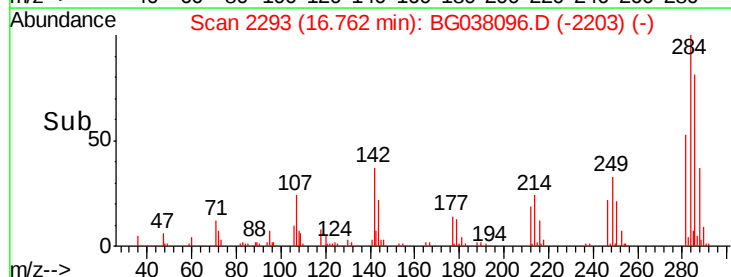


#68
 Hexachlorobenzene
 Concen: 42.317 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038096.D
 Acq: 20 Nov 2018 22:04

Tgt Ion:284 Resp: 122067
 Ion Ratio Lower Upper
 284 100
 142 37.4 28.1 42.1
 249 35.9 29.8 44.8



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

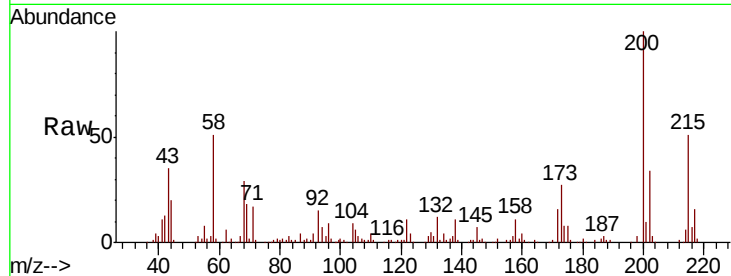




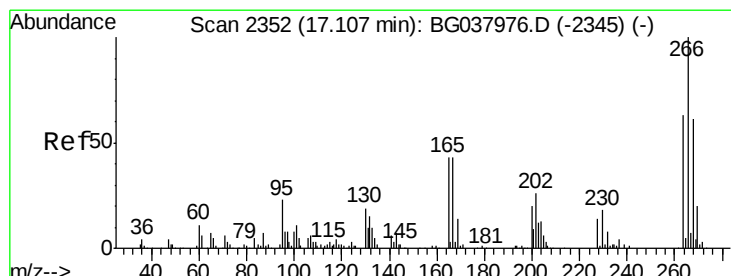
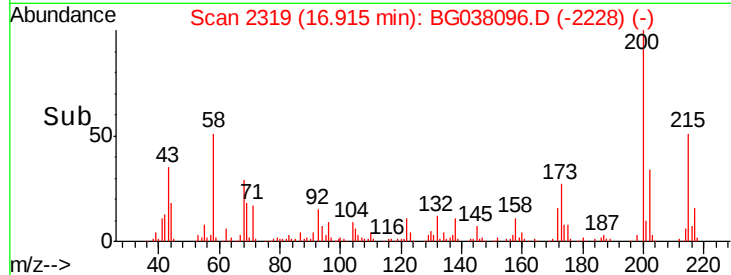
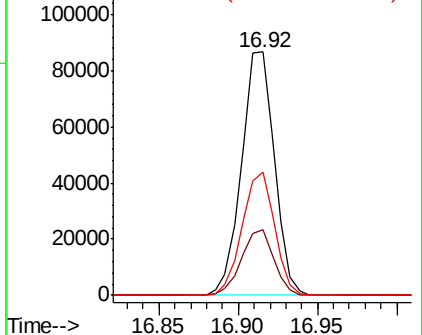
#69
Atrazine
Concen: 44.103 ng
RT: 16.92 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:200 Resp: 125231
Ion Ratio Lower Upper
200 100
173 26.7 6.1 46.1
215 50.9 30.8 70.8

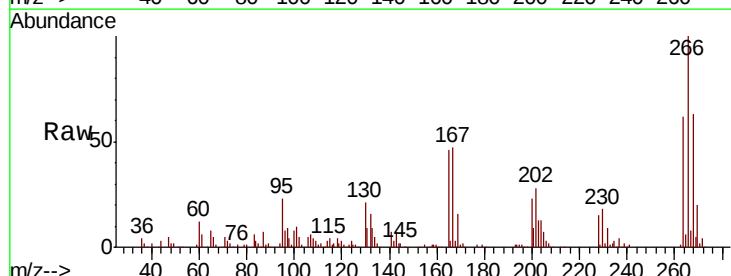


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

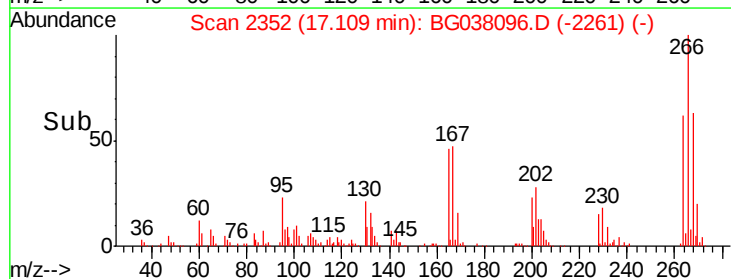
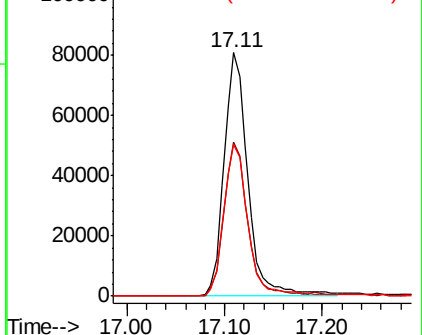


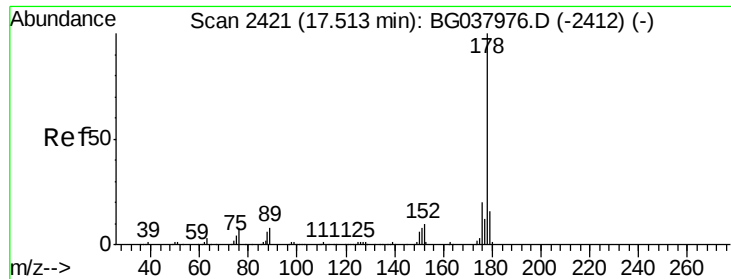
#70
Pentachlorophenol
Concen: 69.942 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:266 Resp: 137026
Ion Ratio Lower Upper
266 100
268 67.8 55.0 82.6
264 67.9 58.9 88.3



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

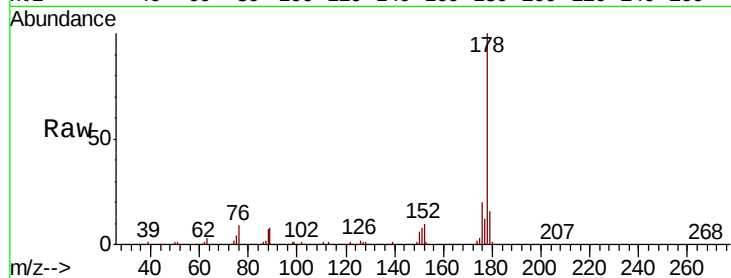




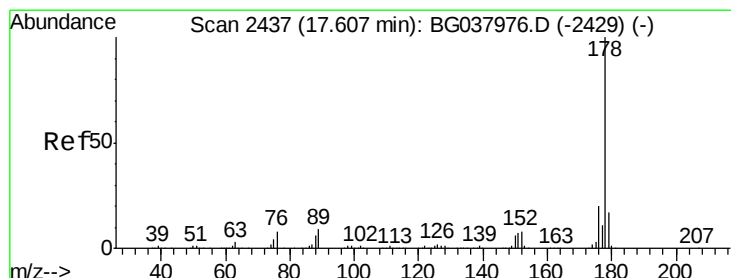
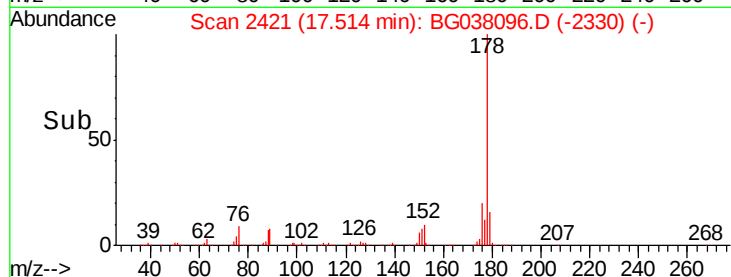
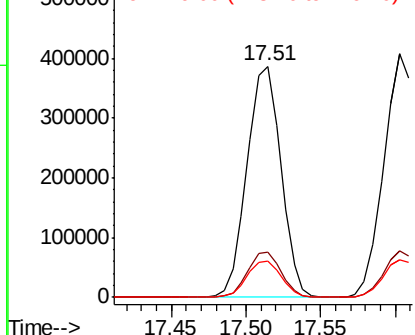
#71
Phenanthrene
Concen: 46.751 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:178 Resp: 609439
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.8 13.0 19.4

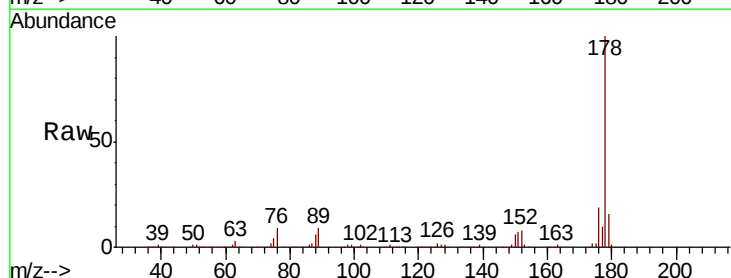


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

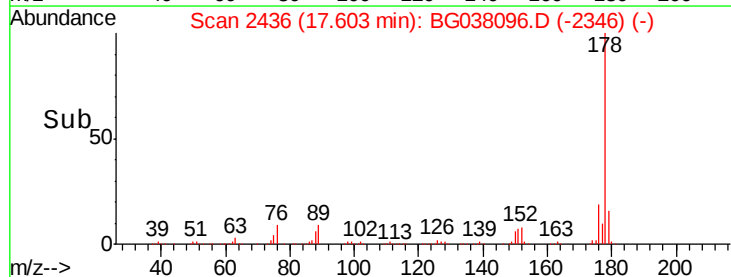
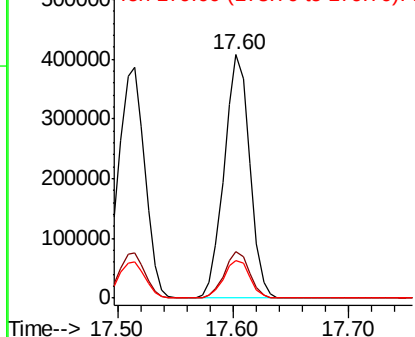


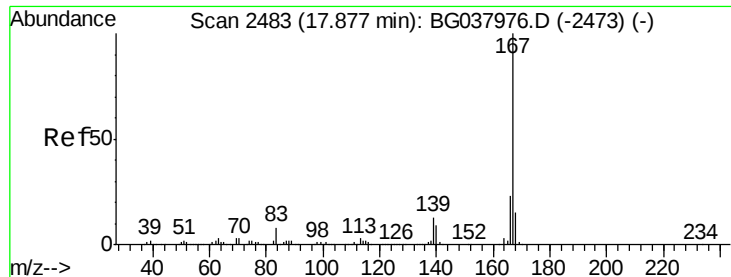
#72
Anthracene
Concen: 48.603 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:178 Resp: 624550
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.6 12.8 19.2



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: 44.050 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

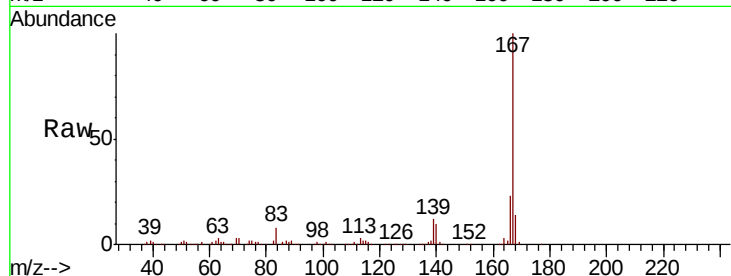
Tgt Ion:167 Resp: 567917

Ion Ratio Lower Upper

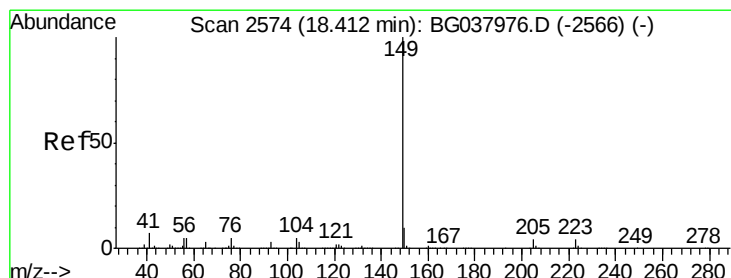
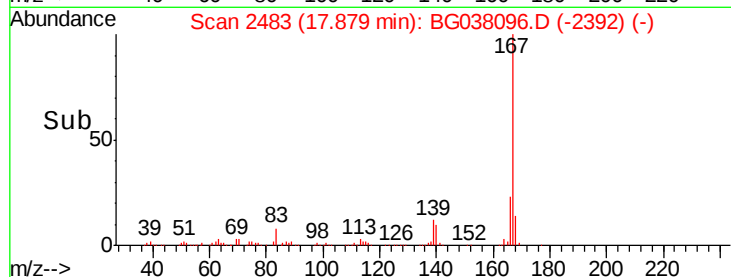
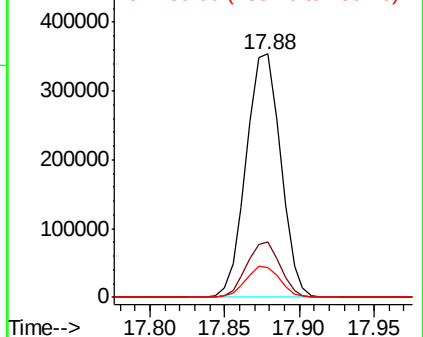
167 100

166 22.9 18.3 27.5

139 12.4 10.5 15.7



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: 47.114 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

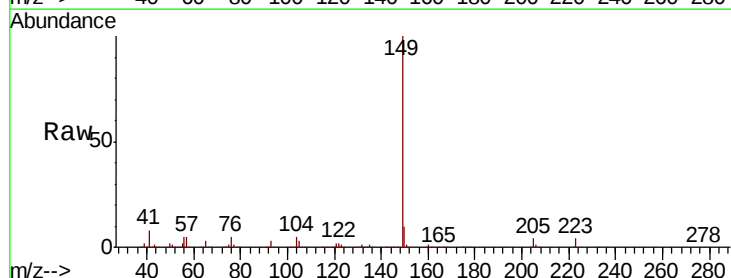
Tgt Ion:149 Resp: 681849

Ion Ratio Lower Upper

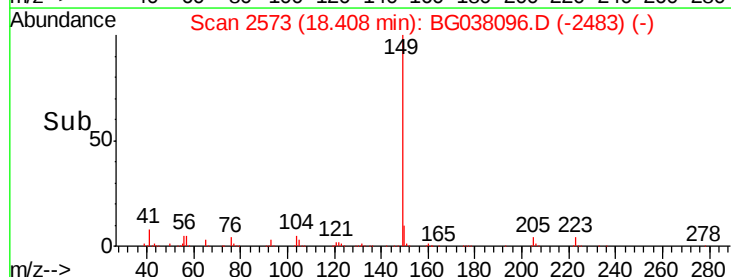
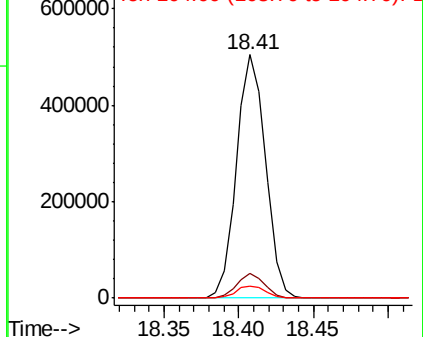
149 100

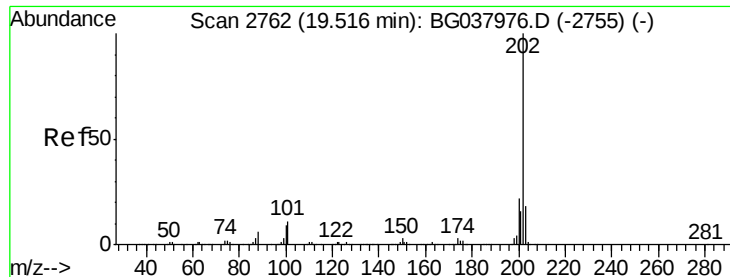
150 10.1 8.2 12.2

104 5.0 4.0 6.0



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: 49.313 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

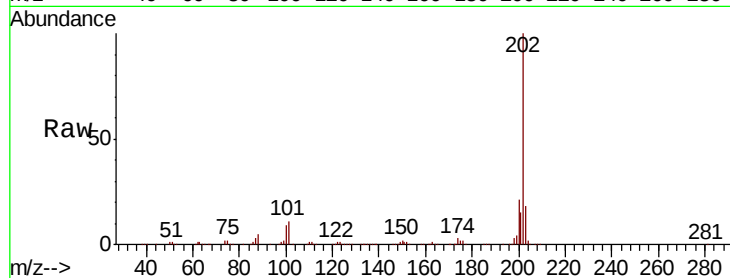
Instrument :

BNA_G

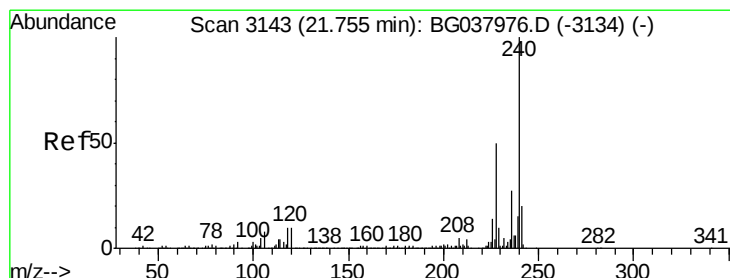
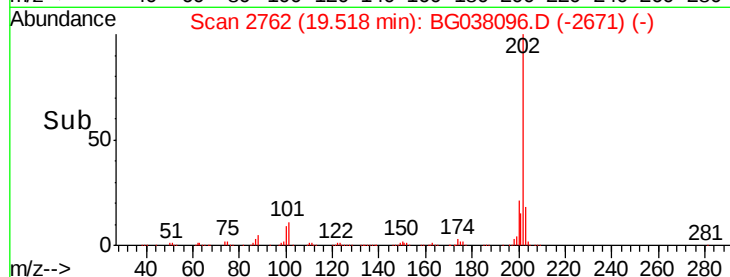
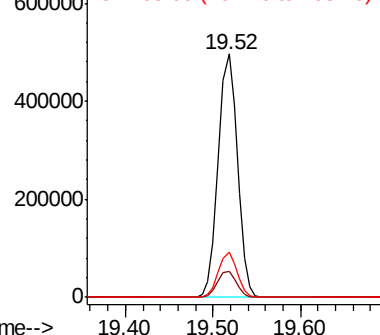
ClientSampleId :

PB114966BSD

Tgt Ion:	202	Resp:	733430
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.7
203	18.3	0.0	38.5



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

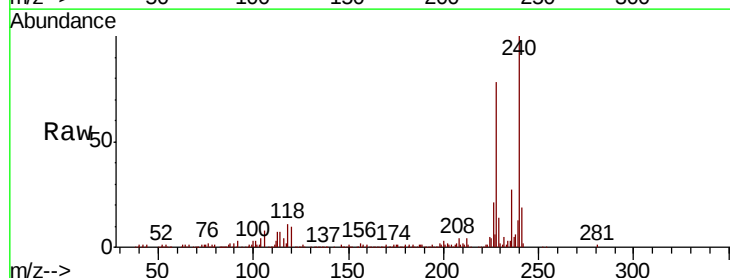
RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

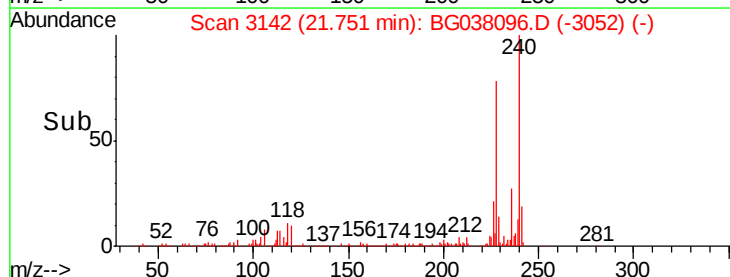
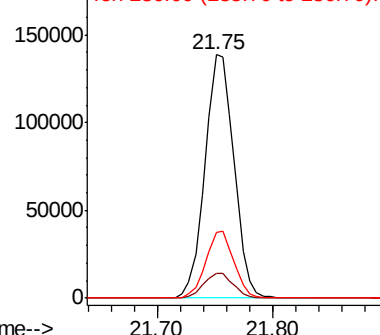
Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Tgt Ion:	240	Resp:	241506
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	27.1	21.4	32.0



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: 40.611 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

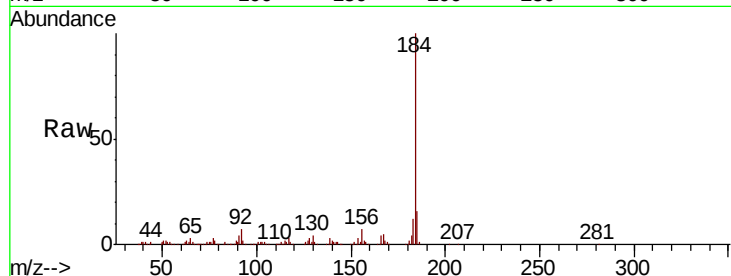
Tgt Ion:184 Resp: 344148

Ion Ratio Lower Upper

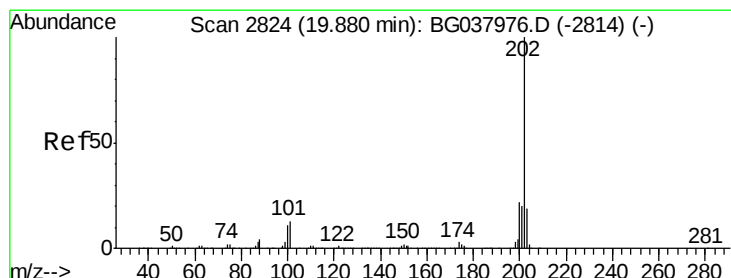
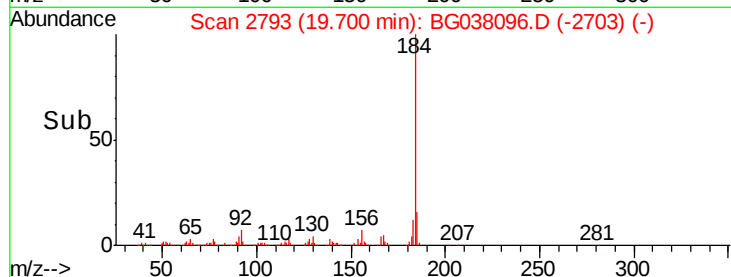
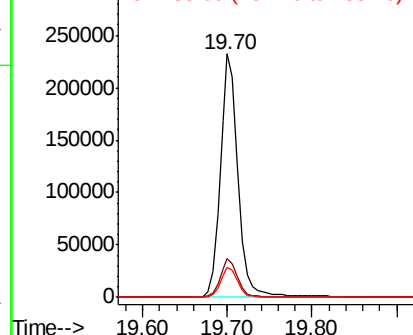
184 100

185 15.8 12.6 18.8

183 12.4 10.2 15.2



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: 46.117 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

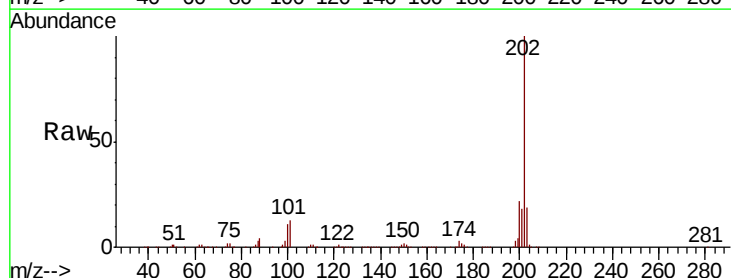
Tgt Ion:202 Resp: 728184

Ion Ratio Lower Upper

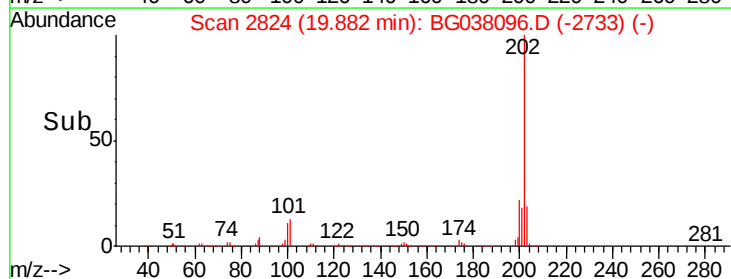
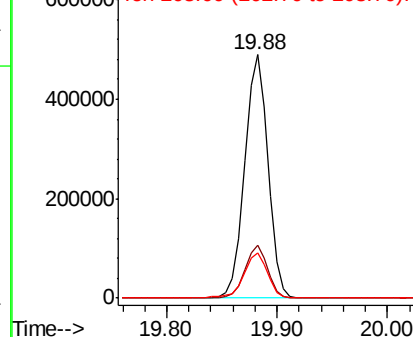
202 100

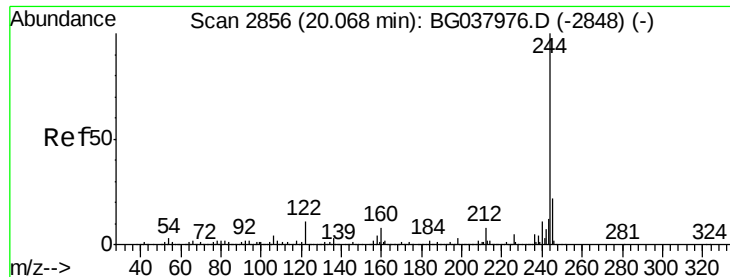
200 21.9 17.8 26.6

203 18.8 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.666 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

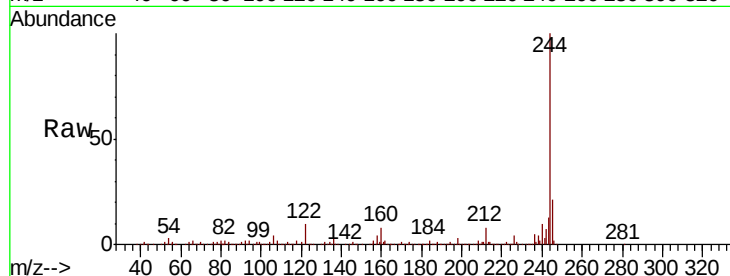
Tgt Ion:244 Resp: 766355

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

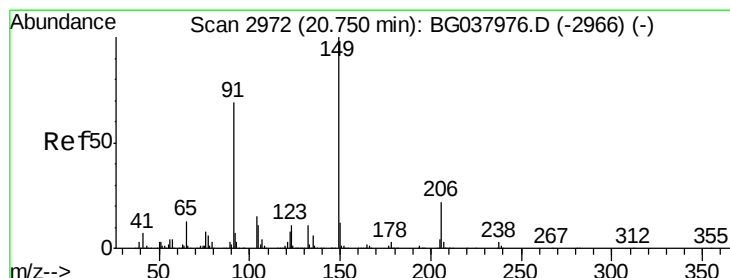
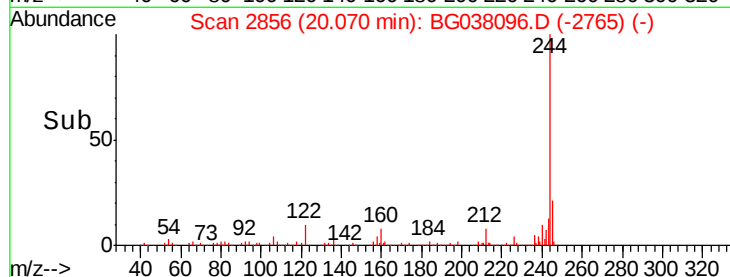
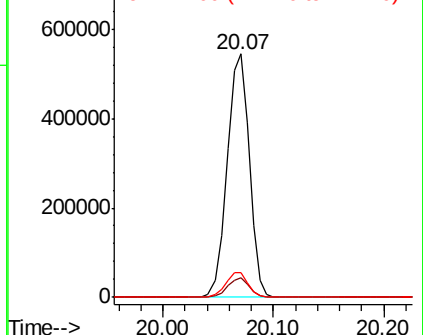
122 10.1 9.0 13.4



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: 45.811 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

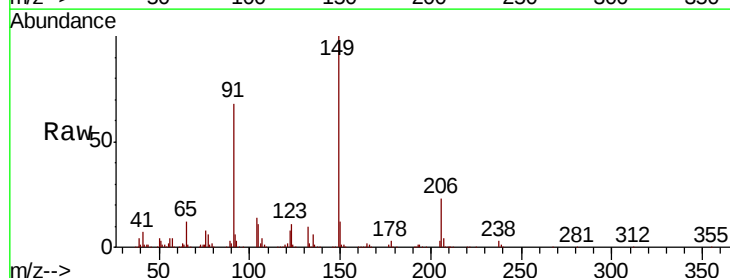
Tgt Ion:149 Resp: 316329

Ion Ratio Lower Upper

149 100

91 68.2 57.0 85.4

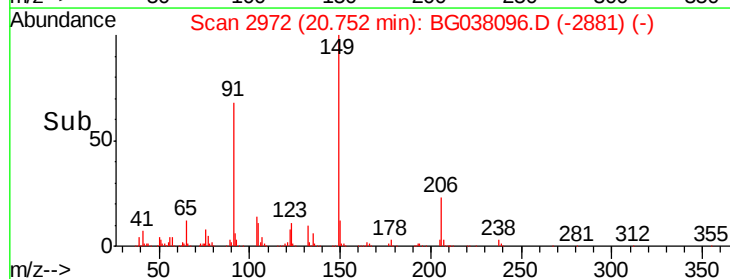
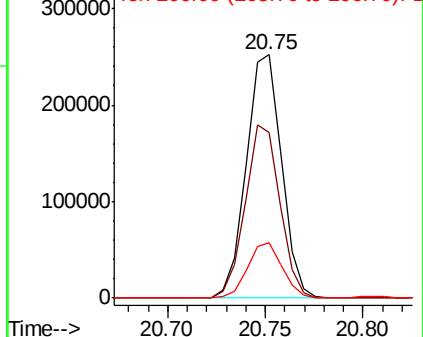
206 22.8 17.8 26.6

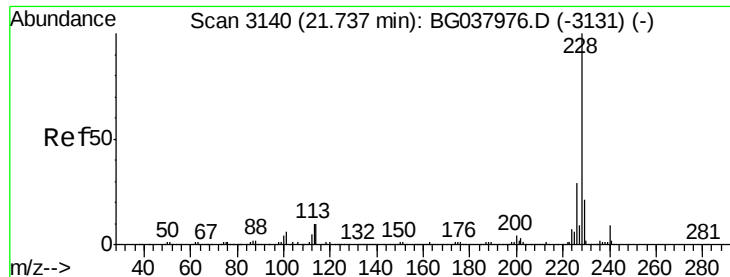


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.339 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

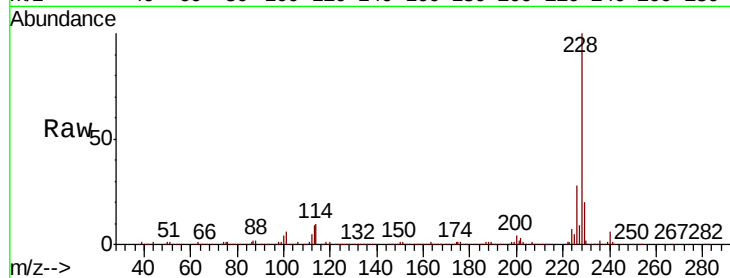
Tgt Ion:228 Resp: 690891

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

229 20.4 16.3 24.5

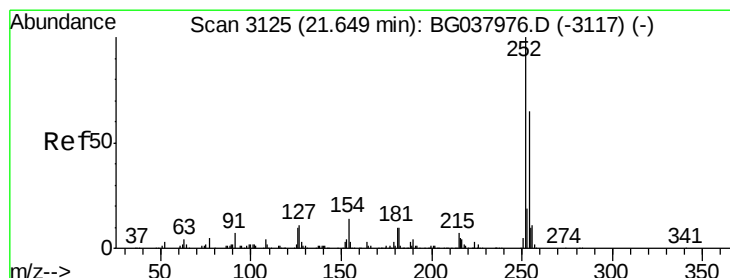
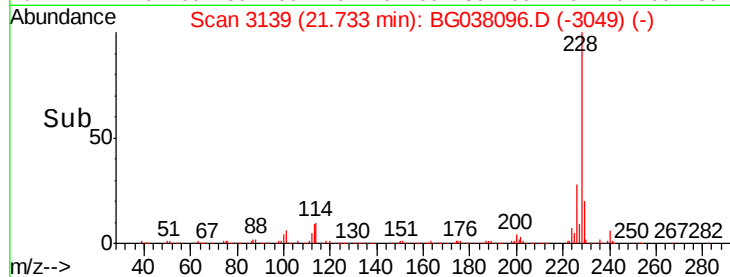
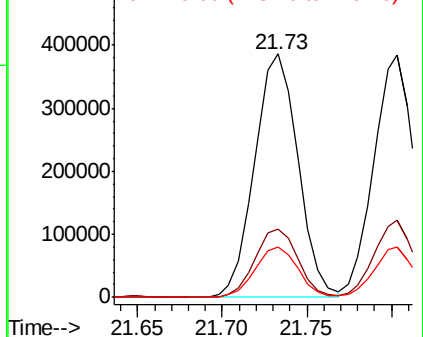


Abundance

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: 32.222 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

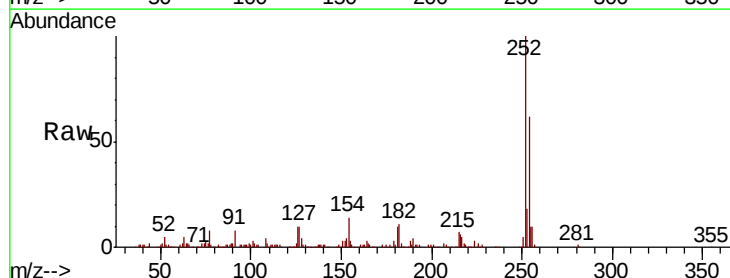
Tgt Ion:252 Resp: 183181

Ion Ratio Lower Upper

252 100

254 62.1 52.0 78.0

126 10.3 8.2 12.4

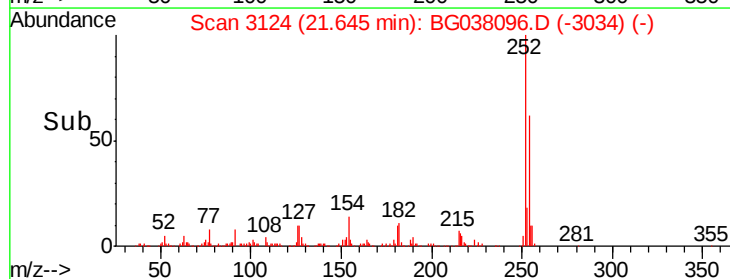
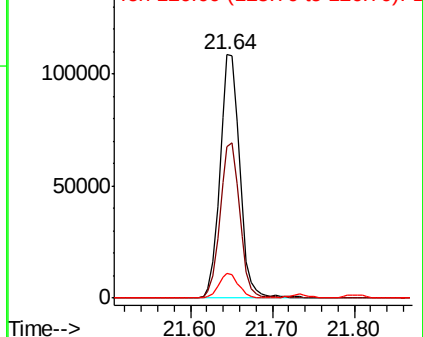


Abundance

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: 46.019 ng

RT: 21.80 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

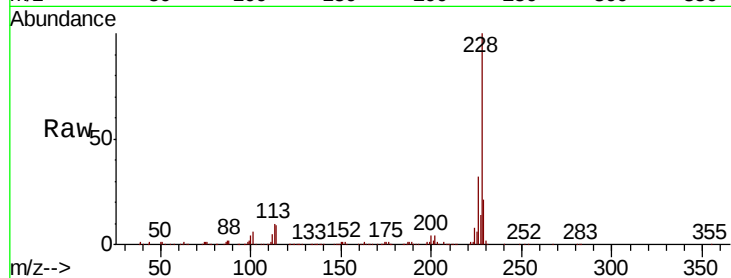
Tgt Ion:228 Resp: 642596

Ion Ratio Lower Upper

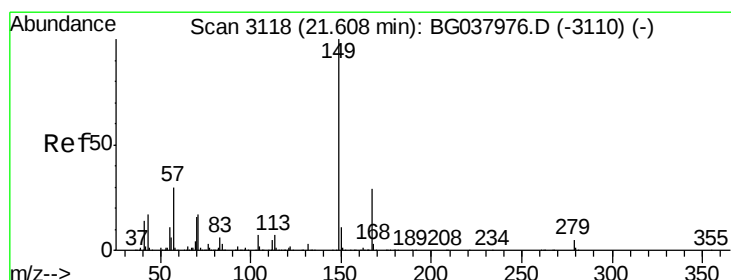
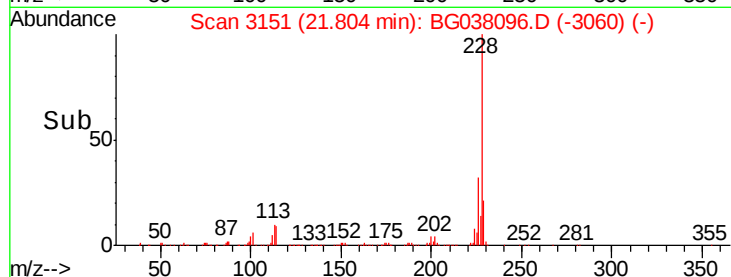
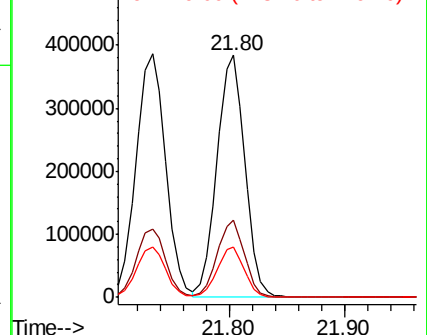
228 100

226 31.7 25.7 38.5

229 20.9 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.211 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

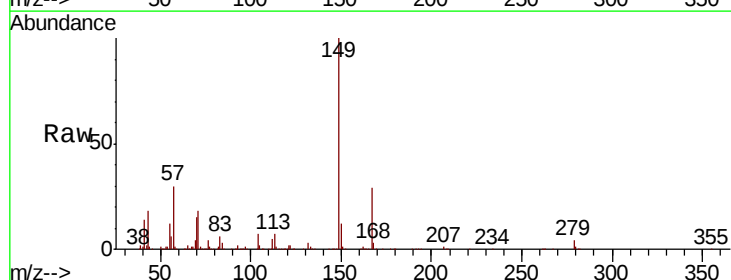
Tgt Ion:149 Resp: 445215

Ion Ratio Lower Upper

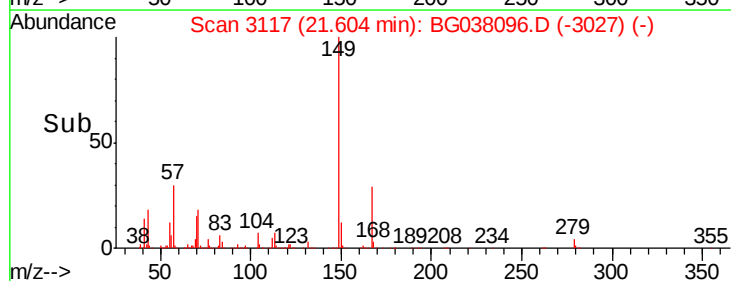
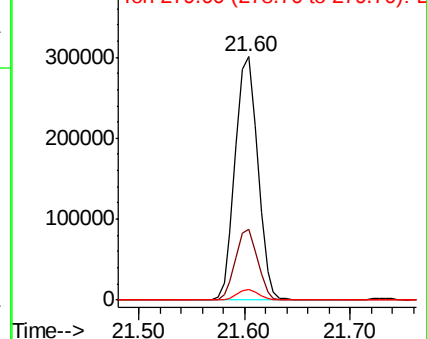
149 100

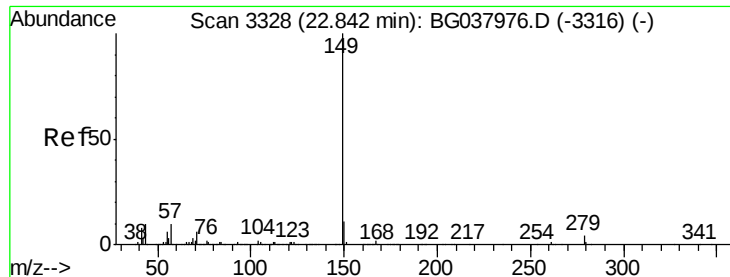
167 29.0 23.0 34.4

279 4.2 3.6 5.4



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

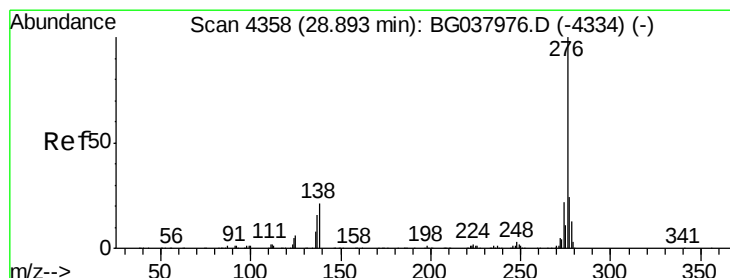
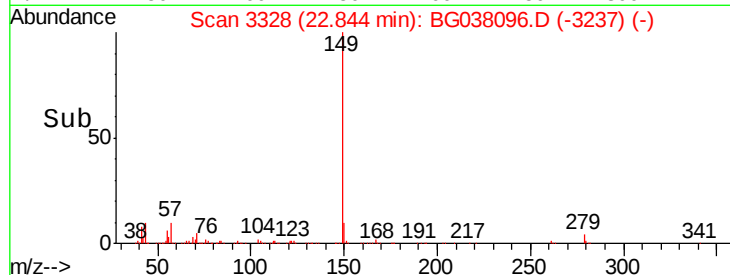
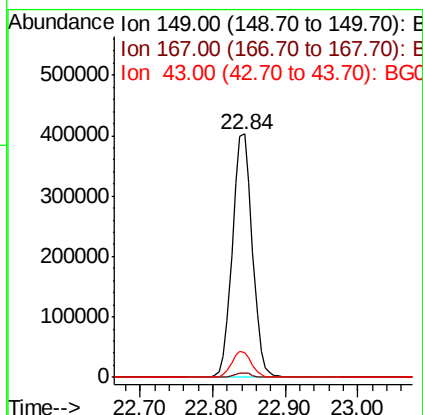
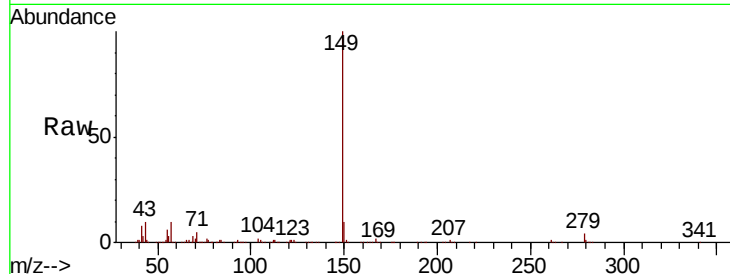




#85
Di-n-octyl phthalate
Concen: 48.147 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

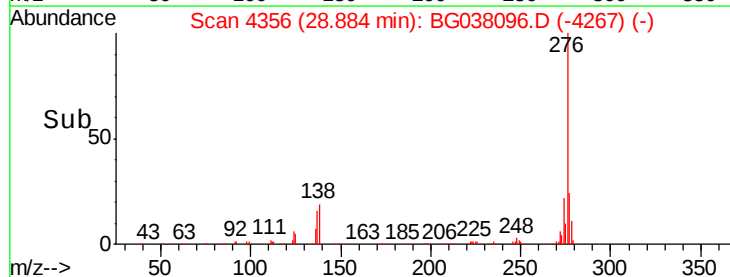
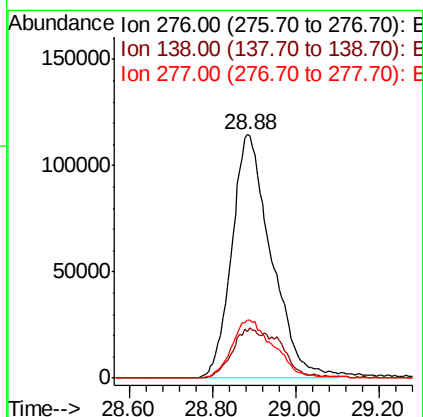
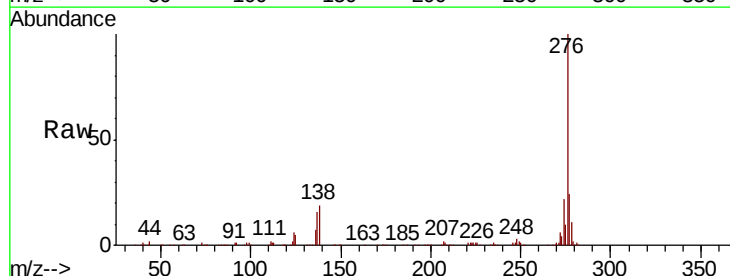
Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Tgt Ion:149 Resp: 767045
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.6 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.718 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:276 Resp: 755554
Ion Ratio Lower Upper
276 100
138 14.5 12.0 18.0
277 25.3 20.6 30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

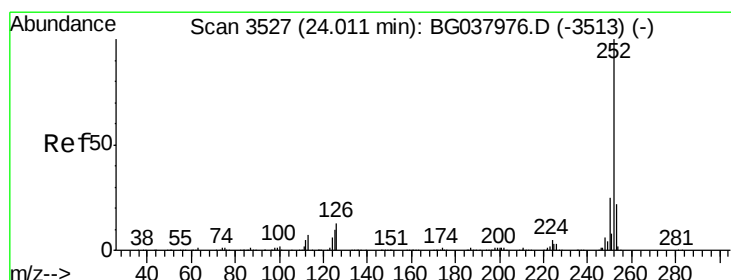
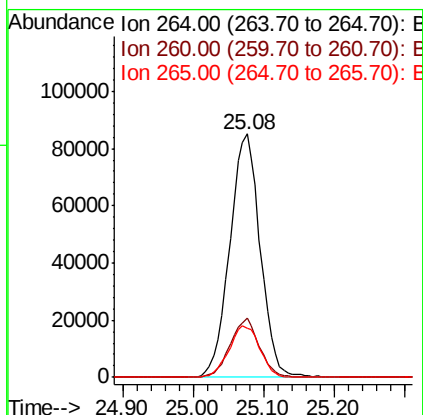
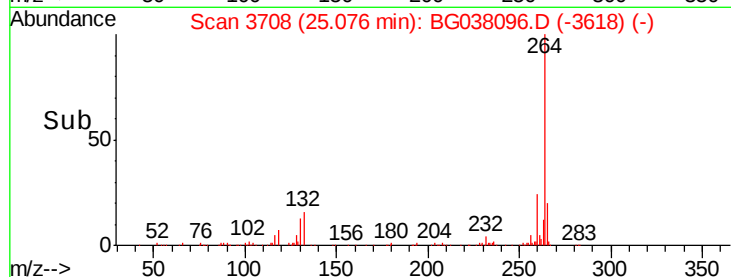
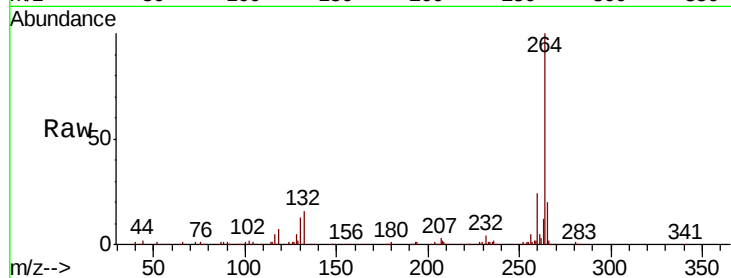
Tgt Ion:264 Resp: 254436

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 19.9 17.9 26.9



#88

Benzo(b)fluoranthene

Concen: 47.701 ng

RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

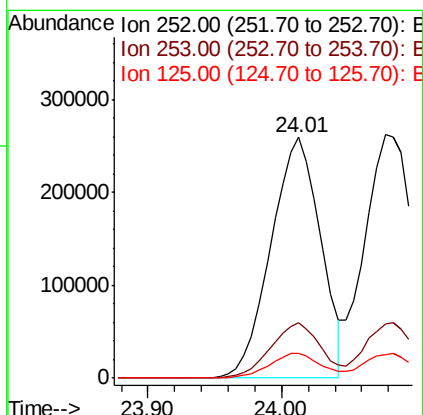
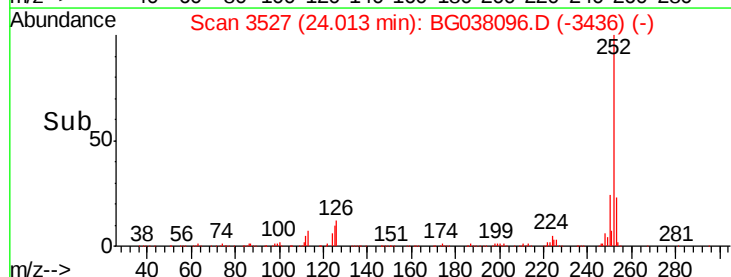
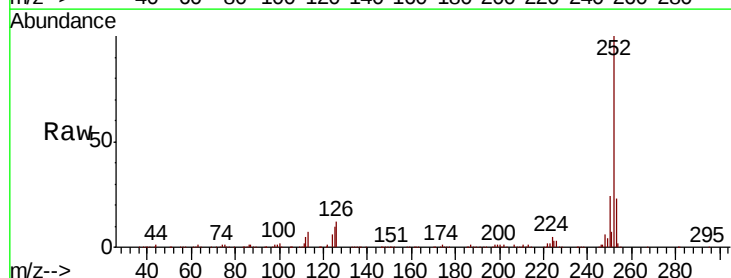
Tgt Ion:252 Resp: 667896

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 10.4 7.8 11.6

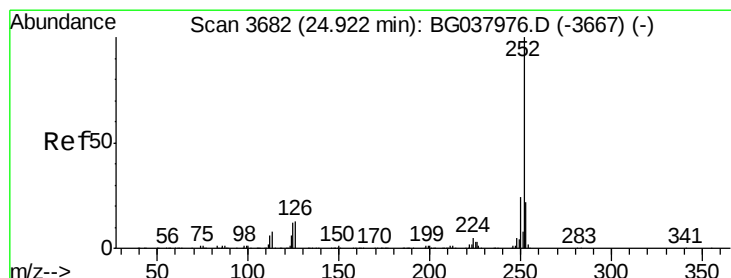
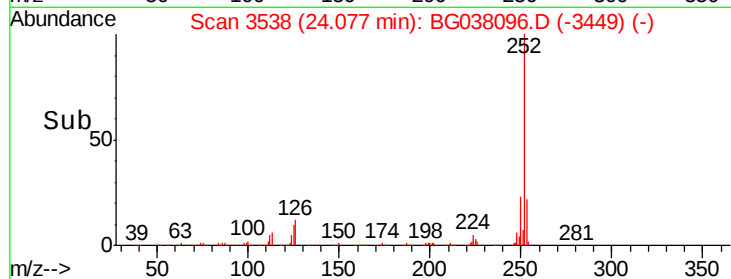
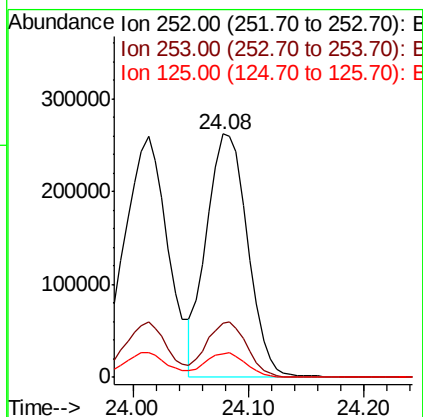
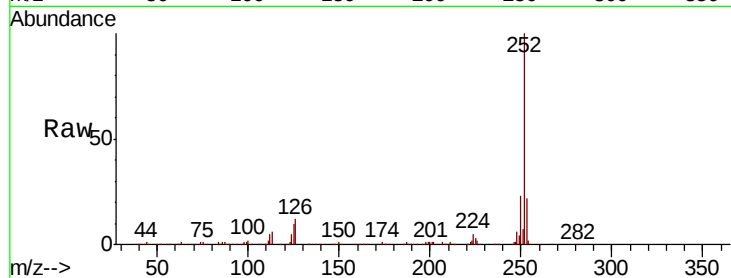




#89
Benzo(k)fluoranthene
Concen: 46.858 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

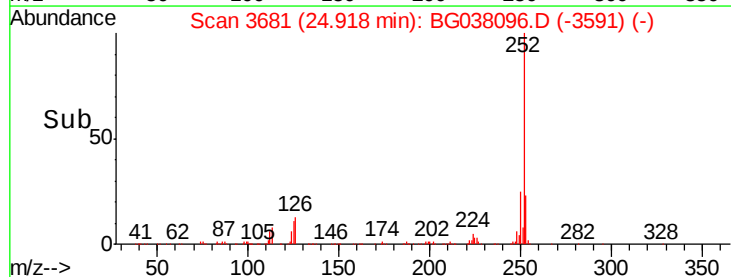
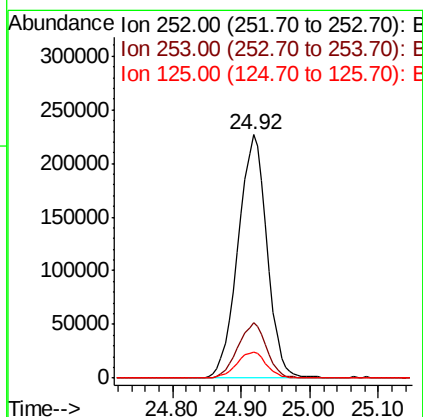
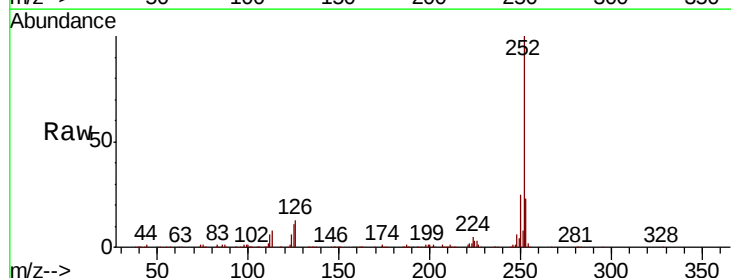
Instrument :
BNA_G
ClientSampleId :
PB114966BSD

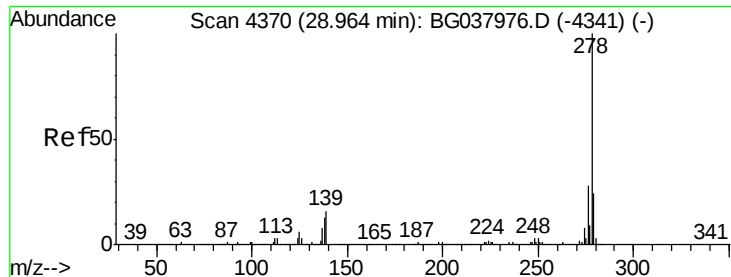
Tgt Ion:252 Resp: 647404
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 49.691 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038096.D
Acq: 20 Nov 2018 22:04

Tgt Ion:252 Resp: 664924
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 48.122 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

Instrument :

BNA_G

ClientSampleId :

PB114966BSD

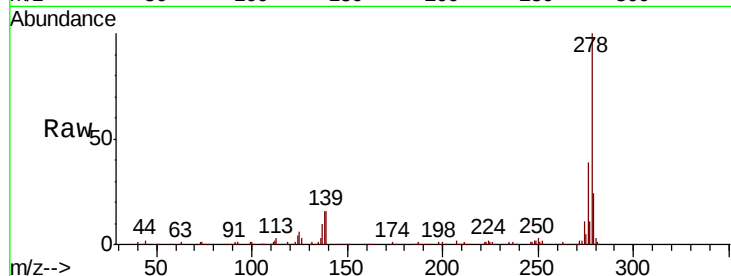
Tgt Ion:278 Resp: 619572

Ion Ratio Lower Upper

278 100

139 15.8 11.5 17.3

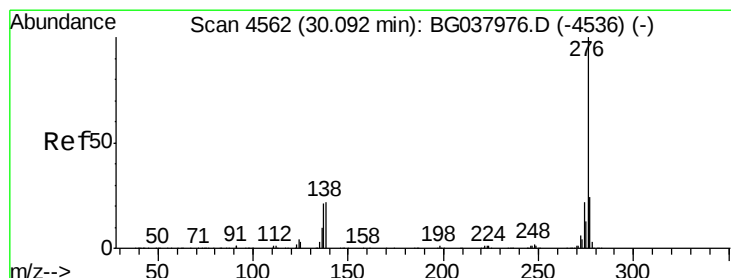
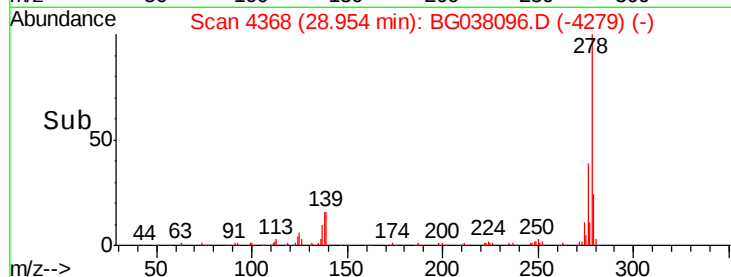
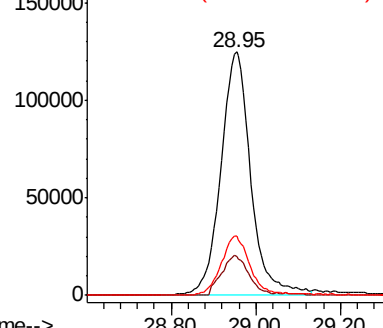
279 24.1 18.6 27.8



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: 48.412 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038096.D

Acq: 20 Nov 2018 22:04

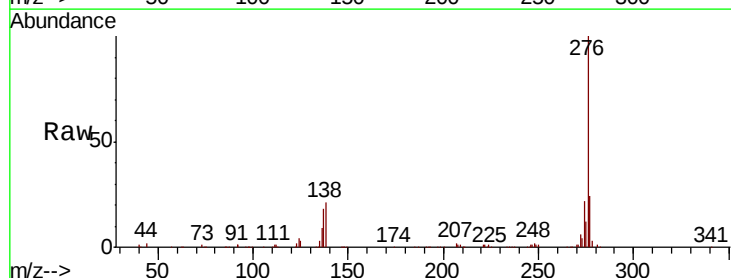
Tgt Ion:276 Resp: 619766

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 21.2 17.2 25.8



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

