

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038896.D
 Acq On : 2 Jan 2019 17:38
 Operator : JU/SJ
 Sample : PB116049BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Quant Time: Jan 03 00:16:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23744	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	92074	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	65626	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	178460	20.00	ng	0.00
76) Chrysene-d12	21.71	240	176100	20.00	ng	-0.01
87) Perylene-d12	25.00	264	184907	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	182699	136.47	ng	0.00
7) Phenol-d6	7.21	99	246947	134.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	121212	67.25	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	156622	173.17	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	332164	69.44	ng	-0.01
79) Terphenyl-d14	20.03	244	688453	85.08	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	19528	31.343	ng	# 95
3) Pyridine	3.88	79	55905	32.590	ng	96
4) n-Nitrosodimethylamine	3.81	42	31472	37.444	ng	94
6) Aniline	7.38	93	64126	27.334	ng	97
8) 2-Chlorophenol	7.61	128	66475	42.909	ng	95
9) Benzaldehyde	7.19	77	16673	13.985	ng	95
10) Phenol	7.24	94	81418	41.700	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	53857	34.646	ng	94
12) 1,3-Dichlorobenzene	7.93	146	71772	39.183	ng	95
13) 1,4-Dichlorobenzene	8.08	146	72749	38.779	ng	94
14) 1,2-Dichlorobenzene	8.40	146	69053	39.044	ng	96
15) Benzyl Alcohol	8.29	79	58462	40.755	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	108261	30.403	ng	97
17) 2-Methylphenol	8.49	107	56627	43.289	ng	98
18) Hexachloroethane	9.12	117	24679	36.001	ng	87
19) n-Nitroso-di-n-propylamine	8.85	70	45670	35.382	ng	# 98
20) 3+4-Methylphenols	8.82	107	77226	42.747	ng	97
22) Acetophenone	8.88	105	93709	40.746	ng	94
24) Nitrobenzene	9.27	77	71013	38.948	ng	96
25) Isophorone	9.78	82	134538	41.547	ng	98
26) 2-Nitrophenol	9.97	139	40272	43.156	ng	94
27) 2,4-Dimethylphenol	10.03	122	65383	48.888	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	74235	40.623	ng	98
29) 2,4-Dichlorophenol	10.51	162	76884	51.675	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	75981	42.278	ng	97
31) Naphthalene	10.91	128	203829	44.930	ng	99
32) Benzoic acid	10.13	122	3550	13.458	ng	# 84
33) 4-Chloroaniline	11.03	127	59529	30.224	ng	96
34) Hexachlorobutadiene	11.17	225	52821	43.437	ng	94
35) Caprolactam	11.83	113	28537	46.347	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	80521	47.425	ng	99
37) 2-Methylnaphthalene	12.52	142	155947	48.185	ng	98
38) 1-Methylnaphthalene	12.73	142	148078	47.150	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	97028	39.554	ng	99

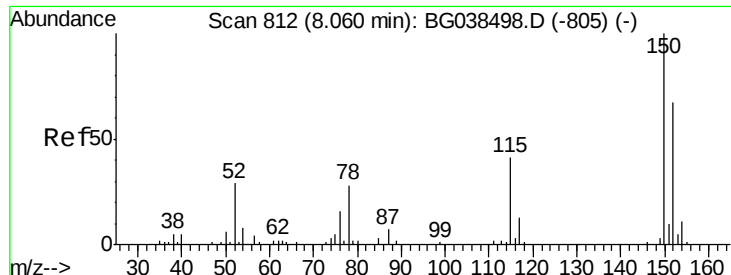
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	116108	86.152	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	73590	48.790	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	80395	50.343	nq	97
46) 1,1'-Biphenyl	13.52	154	211251	38.398	nq	98
47) 2-Chloronaphthalene	13.57	162	169465	39.877	nq	97
48) 2-Nitroaniline	13.78	65	54102	39.968	nq	93
49) Acenaphthylene	14.41	152	286566	45.107	nq	100
50) Dimethylphthalate	14.14	163	235380	43.920	nq	98
51) 2,6-Dinitrotoluene	14.27	165	53101	43.723	nq	88
52) Acenaphthene	14.75	154	161604	42.539	nq	96
53) 3-Nitroaniline	14.61	138	40397	32.630	nq	96
54) 2,4-Dinitrophenol	14.81	184	33529	48.575	nq	96
55) Dibenzofuran	15.08	168	284218	43.646	nq	95
56) 4-Nitrophenol	14.92	139	82252	87.576	nq	96
57) 2,4-Dinitrotoluene	15.06	165	77959	45.575	nq	90
58) Fluorene	15.73	166	230818	47.842	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79224	55.141	nq	94
60) Diethylphthalate	15.49	149	250232	42.533	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	130760	43.439	nq	97
62) 4-Nitroaniline	15.77	138	56604	44.410	nq	99
63) Azobenzene	16.01	77	195679	39.814	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	40732	31.996	nq	85
66) n-Nitrosodiphenylamine	15.94	169	215788	41.153	nq	97
67) 4-Bromophenyl-phenylether	16.61	248	91786	42.113	nq	95
68) Hexachlorobenzene	16.73	284	97730	43.257	nq	97
69) Atrazine	16.88	200	90541	46.528	nq	95
70) Pentachlorophenol	17.08	266	79886	59.779	nq	99
71) Phenanthrene	17.48	178	414971	44.841	nq	99
72) Anthracene	17.57	178	421930	46.183	nq	99
73) Carbazole	17.85	167	369524	40.898	nq	98
74) Di-n-butylphthalate	18.37	149	431264	41.598	nq	98
75) Fluoranthene	19.49	202	501277	43.779	nq	98
77) Benzidine	19.67	184	201832	38.754	nq	99
78) Pyrene	19.85	202	504705	43.383	nq	100
80) Butylbenzylphthalate	20.71	149	189089	41.602	nq	95
81) Benzo(a)anthracene	21.69	228	483061	45.017	nq	98
82) 3,3'-Dichlorobenzidine	21.61	252	121745	28.607	nq	98
83) Chrysene	21.76	228	445351	43.089	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	262366	40.701	nq	99
85) Di-n-octyl phthalate	22.78	149	447515	41.453	nq	96
86) Indeno(1,2,3-cd)pyrene	28.78	276	541792	44.587	nq	# 93
88) Benzo(b)fluoranthene	23.95	252	478380	47.121	nq	98
89) Benzo(k)fluoranthene	24.02	252	456458	45.152	nq	97
90) Benzo(a)pyrene	24.85	252	461632	47.133	nq	# 99
91) Dibenzo(a,h)anthracene	28.84	278	449255	46.069	nq	98
92) Benzo(g,h,i)perylene	29.97	276	450861	46.914	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038896.D

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PB116049BS

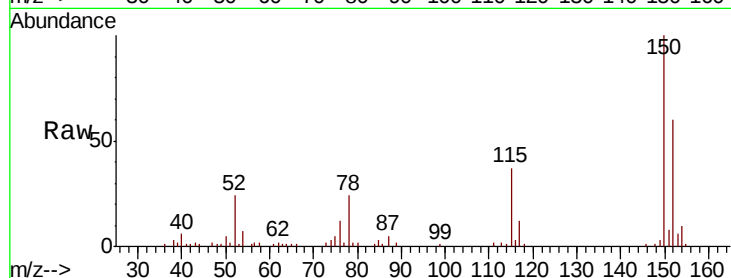
Tot Ion:152 Resp: 23744

Ion Ratio Lower Upper

152 100

150 166.4 119.5 179.3

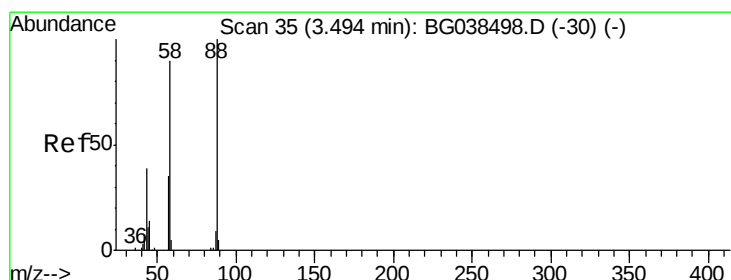
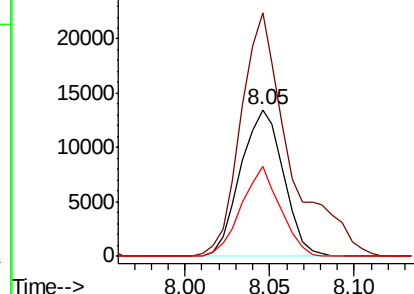
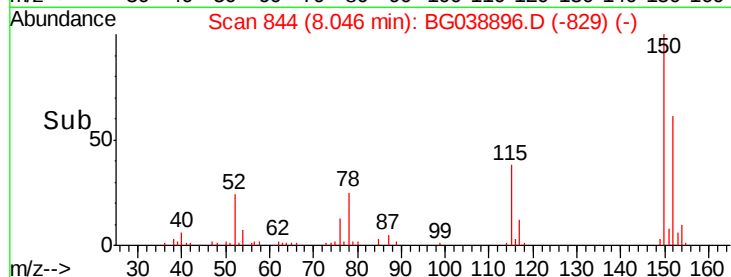
115 61.9 49.6 74.4



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: 31.343 ng

RT: 3.47 min Scan# 66

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

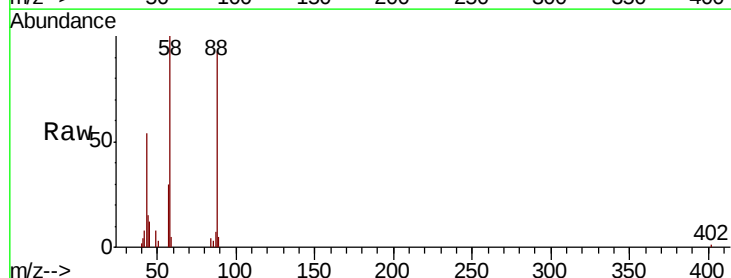
Tgt Ion: 88 Resp: 19528

Ion Ratio Lower Upper

88 100

58 94.8 75.7 113.5

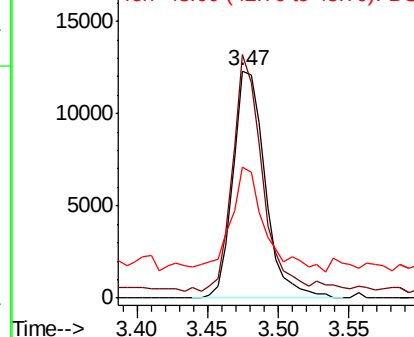
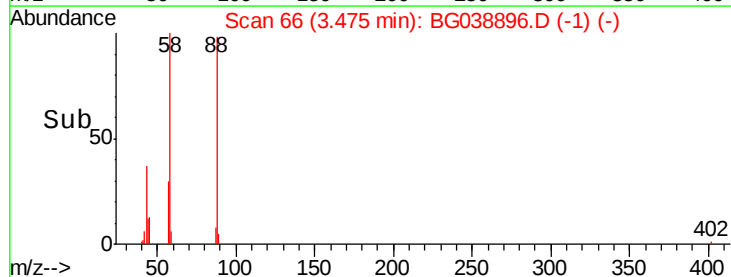
43 48.6 31.6 47.4#

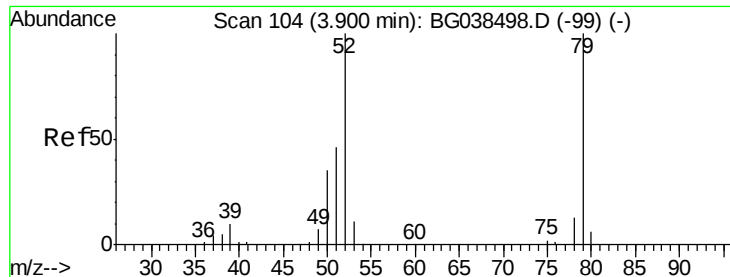


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.590 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

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ClientSampleId :

PB116049BS

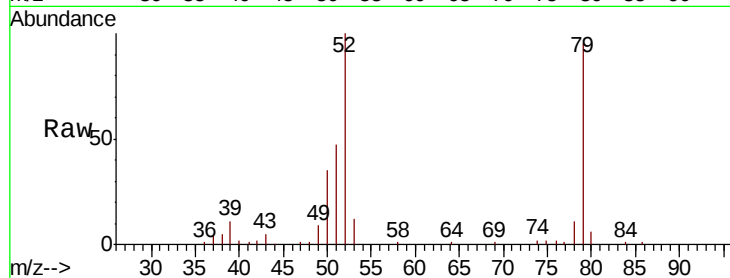
Tot Ion: 79 Resp: 55905

Ion Ratio Lower Upper

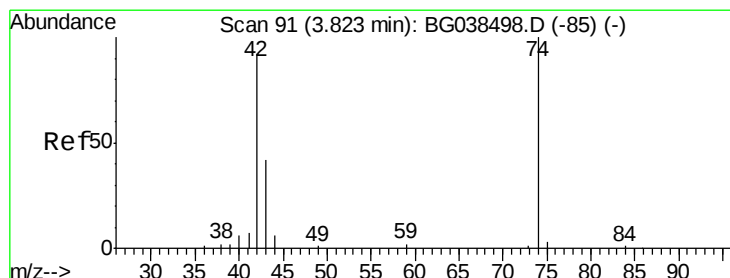
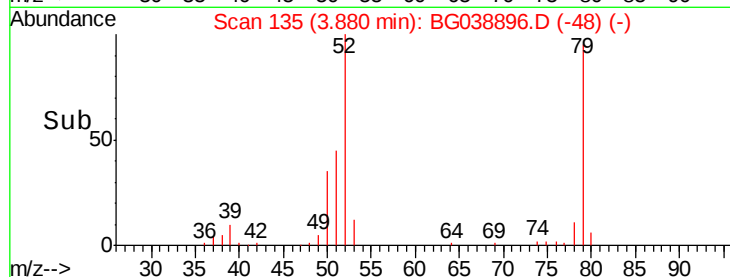
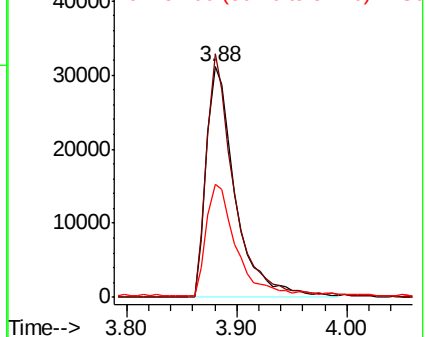
79 100

52 105.5 80.2 120.2

51 49.2 38.0 57.0



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: 37.444 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

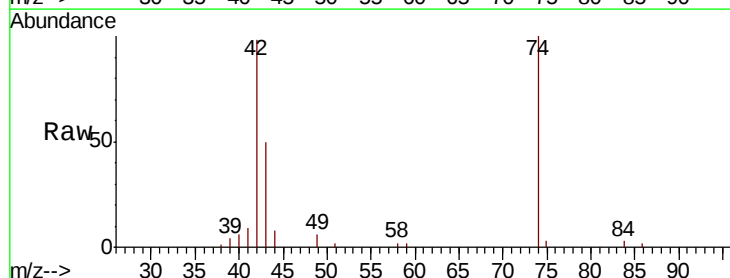
Tgt Ion: 42 Resp: 31472

Ion Ratio Lower Upper

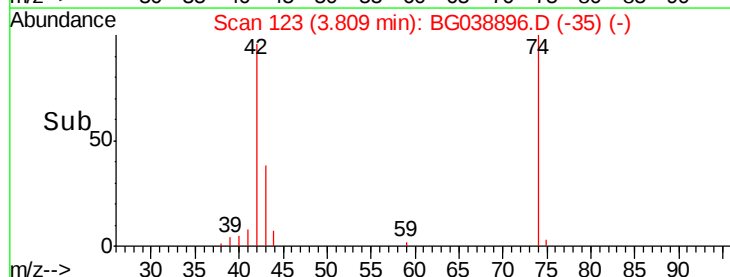
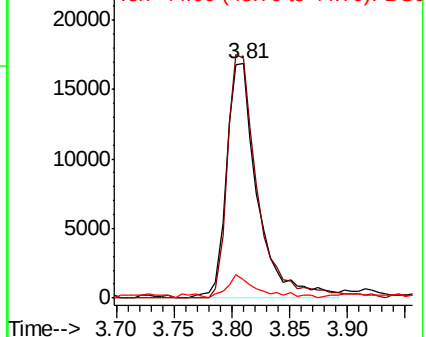
42 100

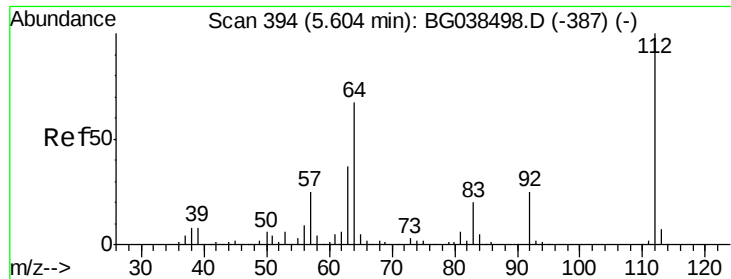
74 102.3 86.7 130.1

44 8.0 7.8 11.8



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: 136.474 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

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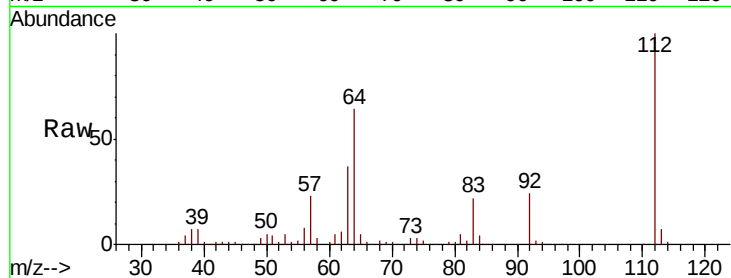
Tot Ion:112 Resp: 182699

Ion Ratio Lower Upper

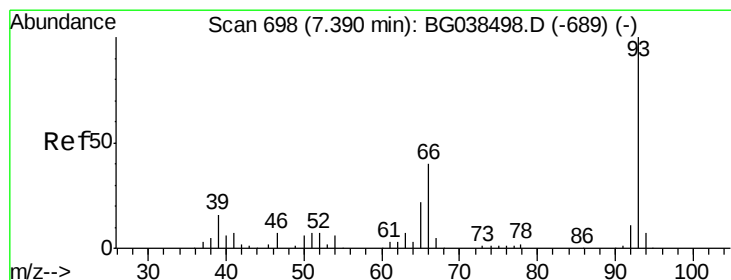
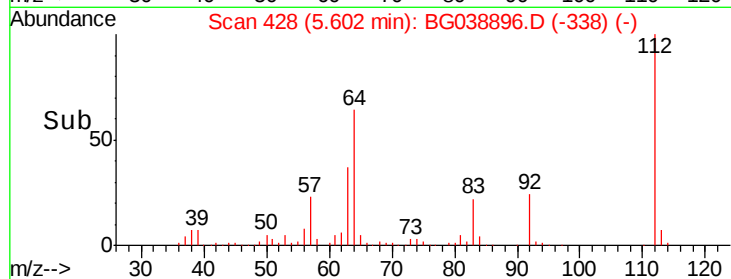
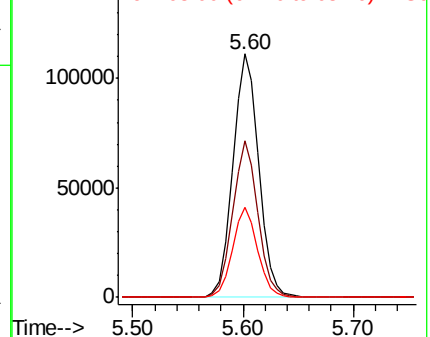
112 100

64 64.3 53.4 80.2

63 36.8 29.3 43.9



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: 27.334 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

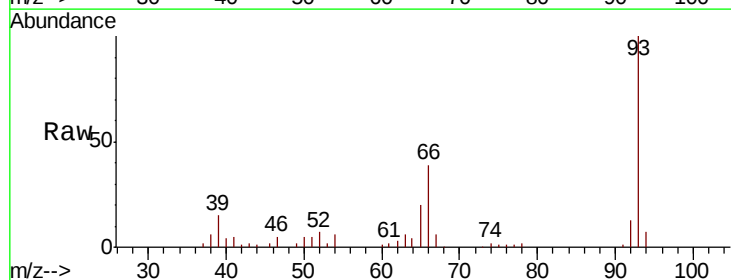
Tgt Ion: 93 Resp: 64126

Ion Ratio Lower Upper

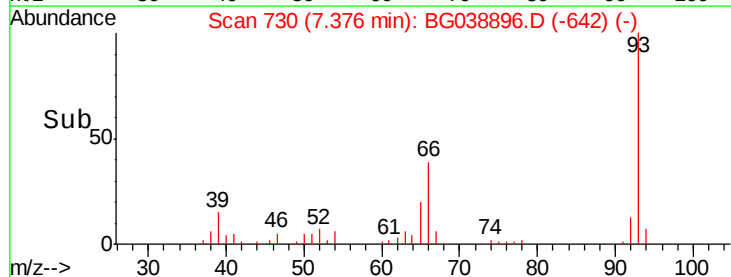
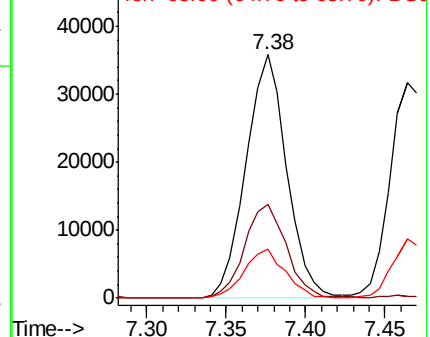
93 100

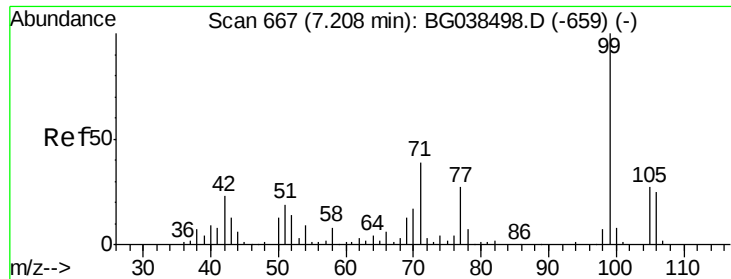
66 38.7 31.7 47.5

65 20.0 17.8 26.6



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: 134.372 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

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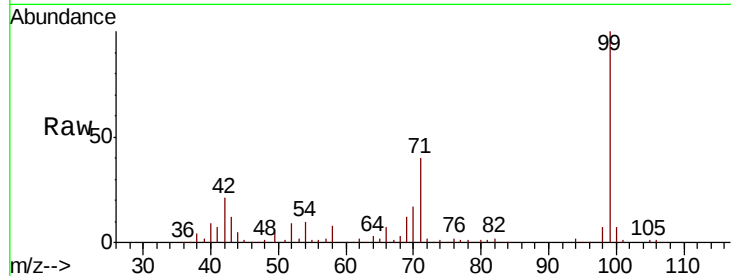
Tot Ion: 99 Resp: 246947

Ion Ratio Lower Upper

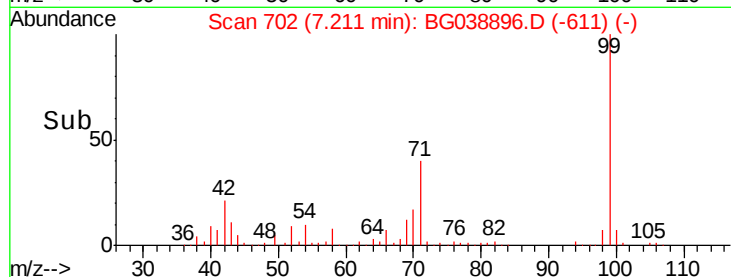
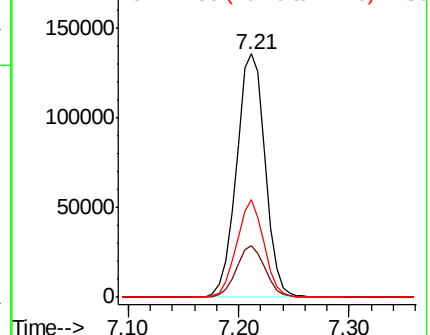
99 100

42 21.1 18.5 27.7

71 40.2 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.909 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

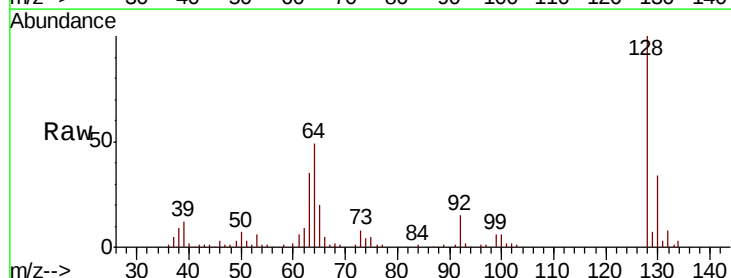
Tgt Ion: 128 Resp: 66475

Ion Ratio Lower Upper

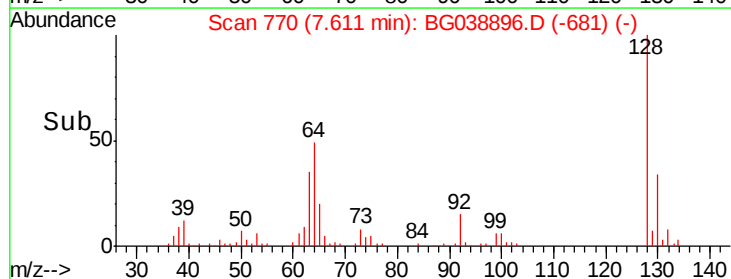
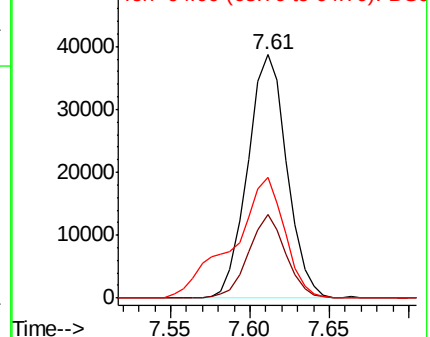
128 100

130 34.2 11.8 51.8

64 49.5 33.2 73.2



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





#9

Benzaldehyde

Concen: 13.985 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

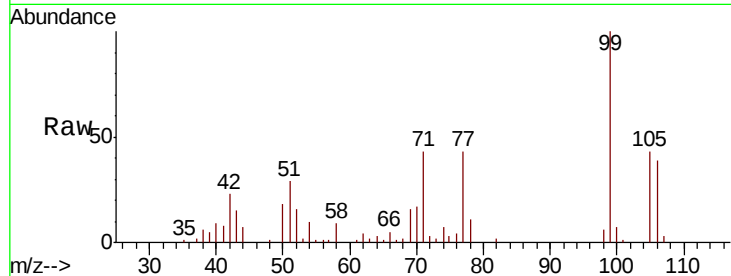
Tot Ion: 77 Resp: 16673

Ion Ratio Lower Upper

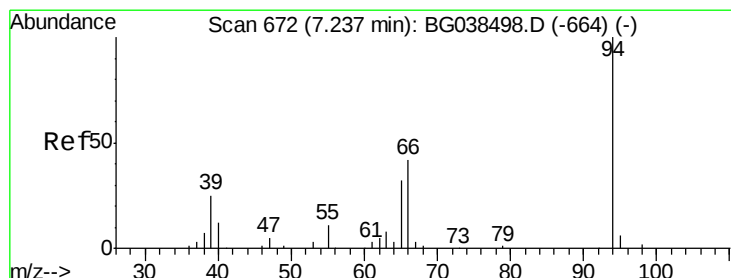
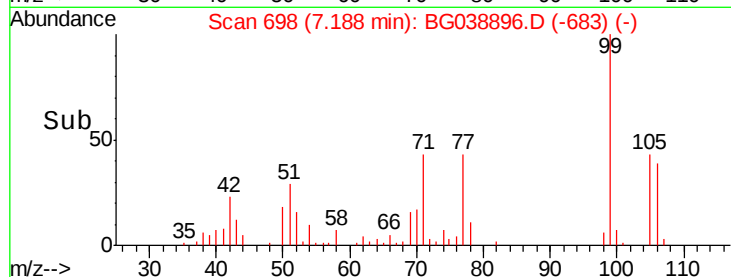
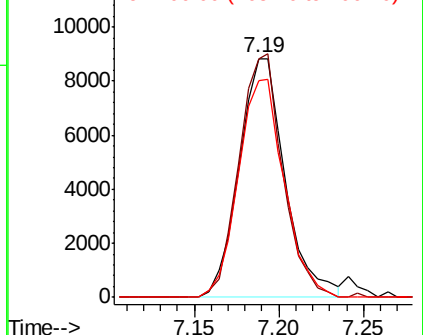
77 100

105 99.6 74.0 114.0

106 90.7 73.9 113.9



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: 41.700 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

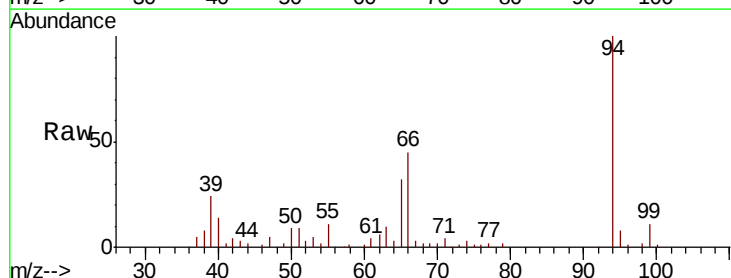
Tgt Ion: 94 Resp: 81418

Ion Ratio Lower Upper

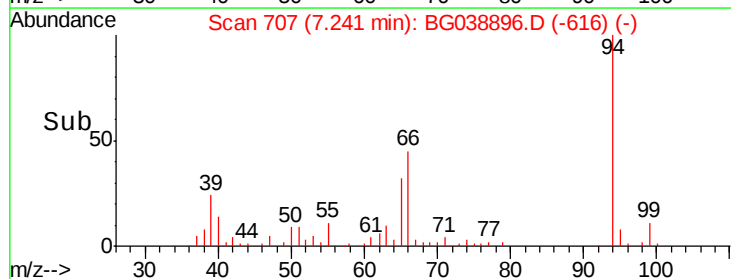
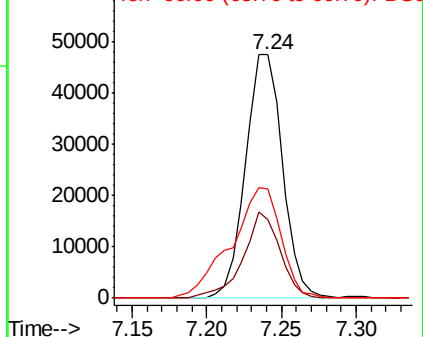
94 100

65 32.4 12.6 52.6

66 44.7 24.1 64.1



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: 34.646 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

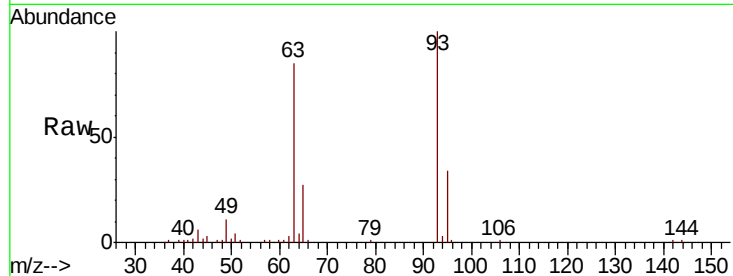
Tot Ion: 93 Resp: 53857

Ion Ratio Lower Upper

93 100

63 85.3 72.2 112.2

95 33.5 11.2 51.2

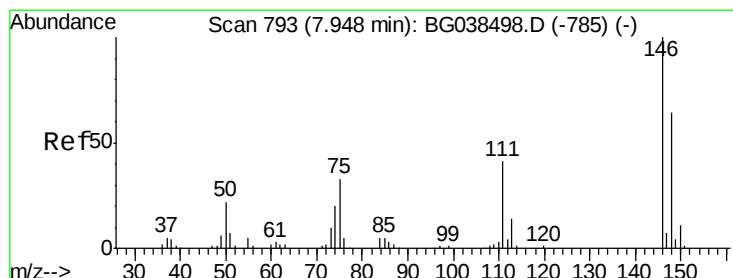
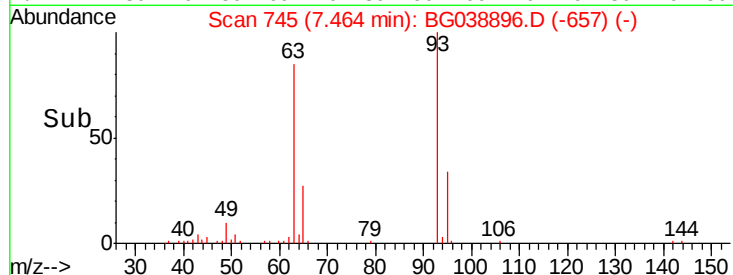
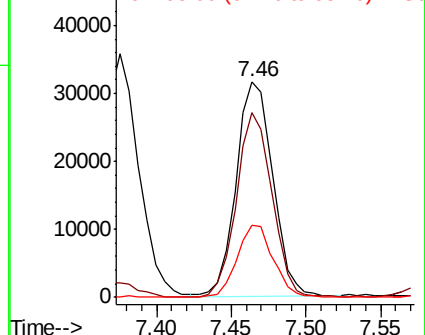


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.183 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

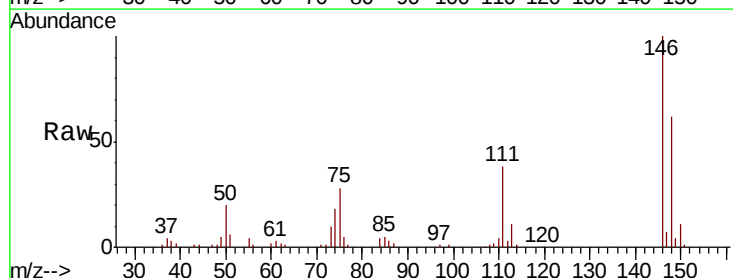
Tgt Ion: 146 Resp: 71772

Ion Ratio Lower Upper

146 100

148 62.3 51.4 77.0

75 27.7 26.1 39.1

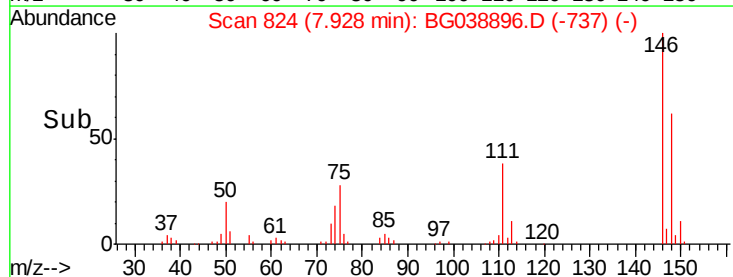
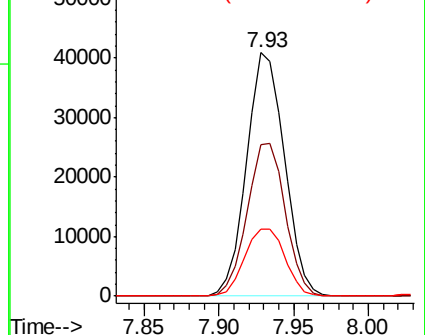


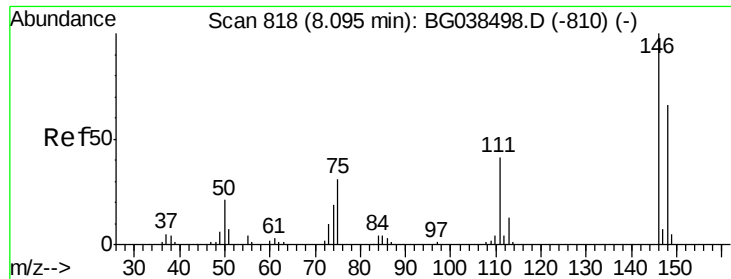
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

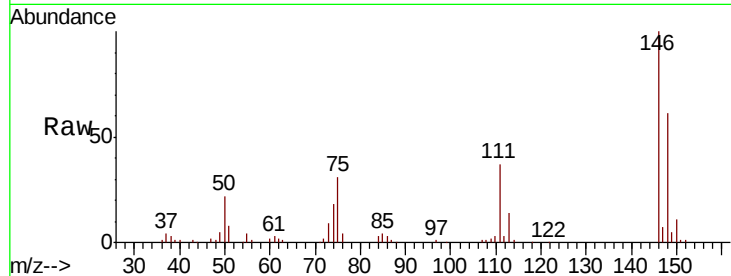




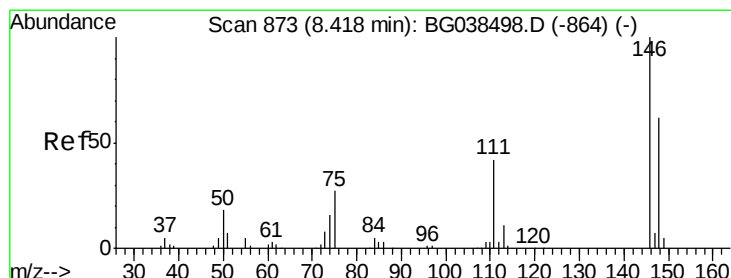
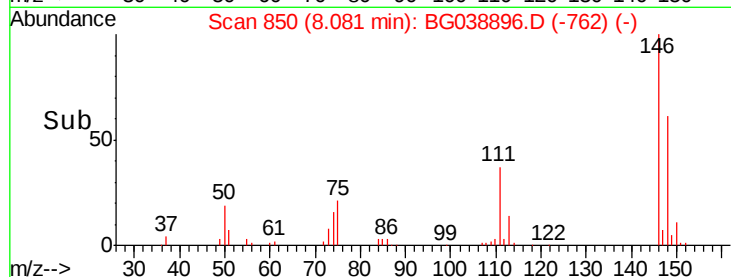
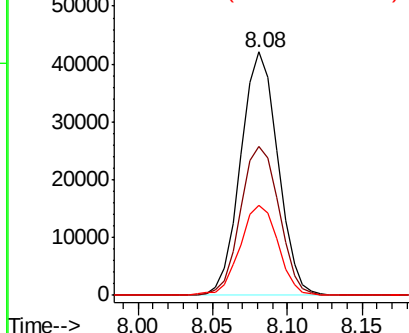
#13
1,4-Dichlorobenzene
Concen: 38.779 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:146 Resp: 72749
Ion Ratio Lower Upper
146 100
148 61.4 52.4 78.6
111 37.0 33.0 49.4

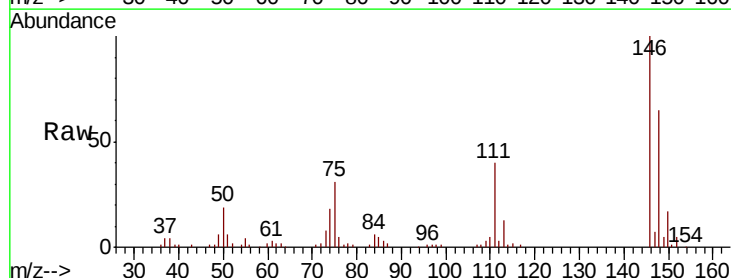


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

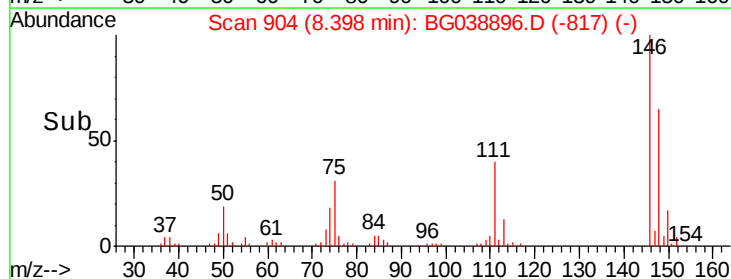
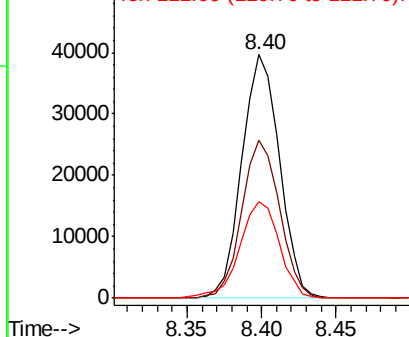


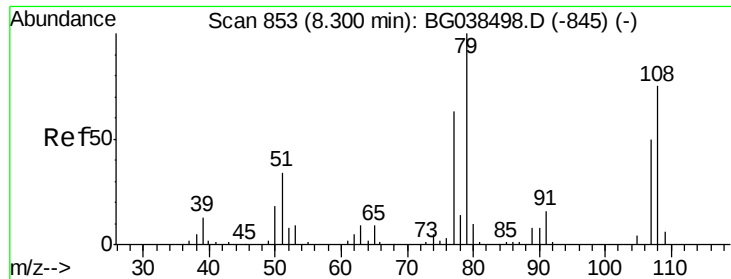
#14
1,2-Dichlorobenzene
Concen: 39.044 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:146 Resp: 69053
Ion Ratio Lower Upper
146 100
148 64.6 49.4 74.0
111 39.6 33.8 50.6



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

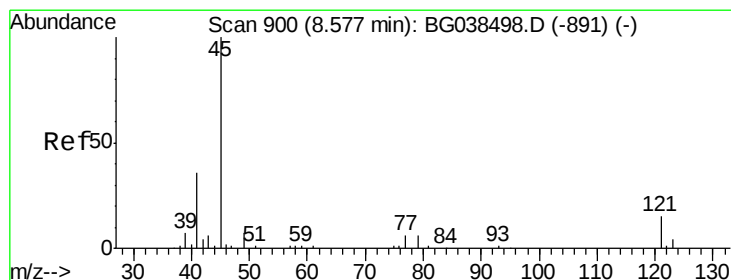
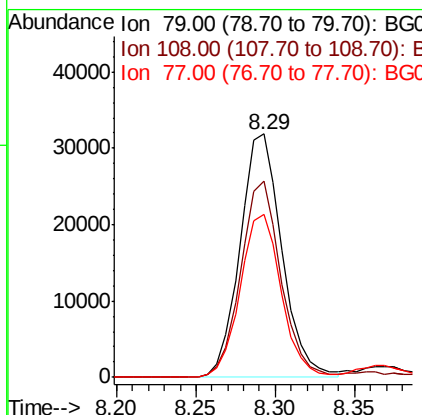
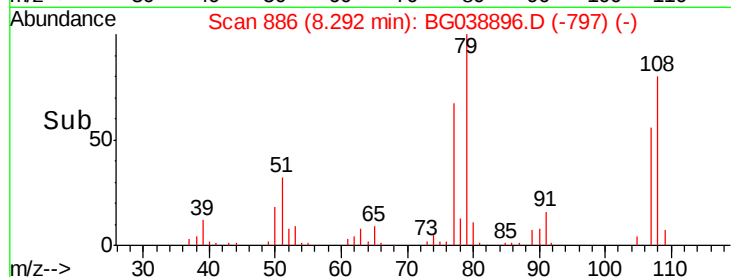
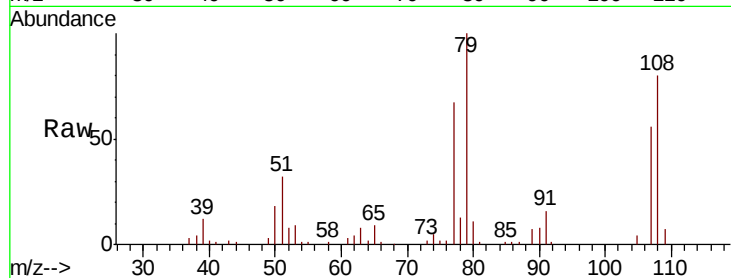




#15
Benzyl Alcohol
Concen: 40.755 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

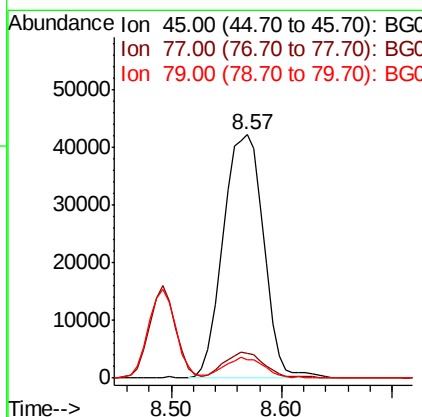
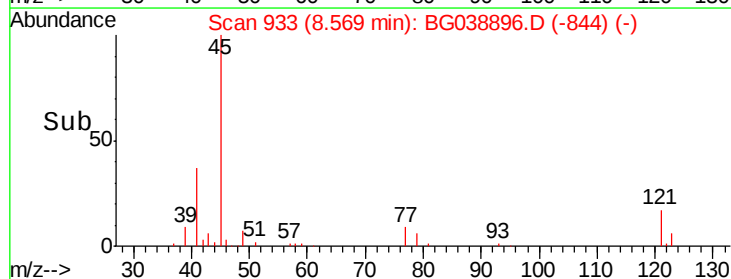
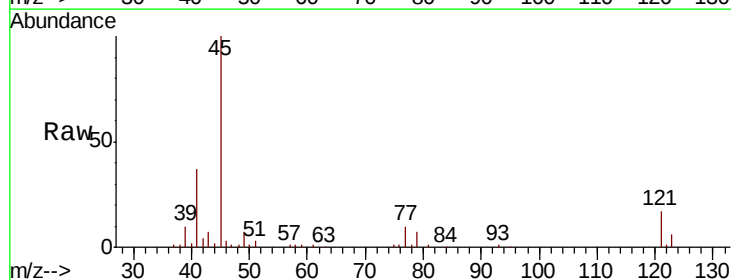
Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion: 79 Resp: 58462
Ion Ratio Lower Upper
79 100
108 80.4 60.2 90.4
77 66.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.403 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion: 45 Resp: 108261
Ion Ratio Lower Upper
45 100
77 10.3 0.0 28.2
79 7.4 0.0 27.2

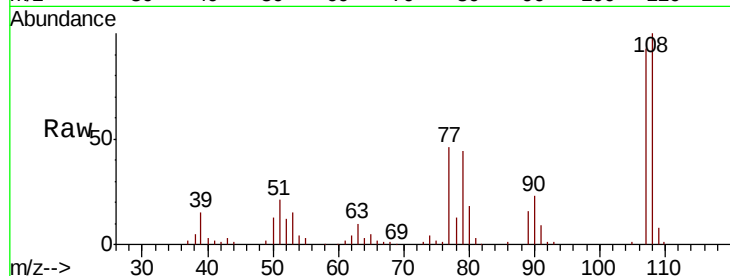




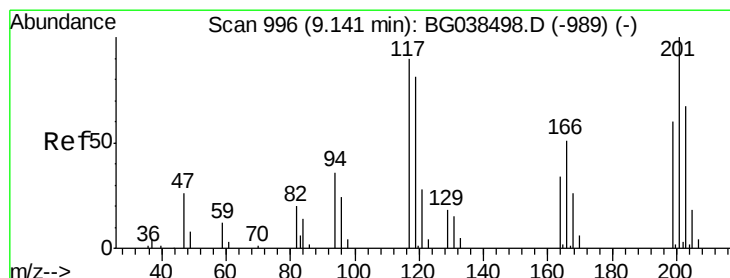
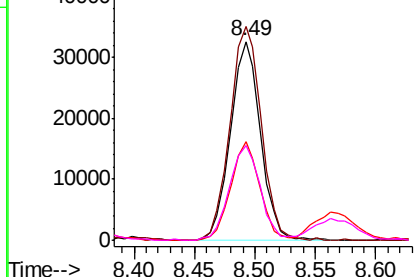
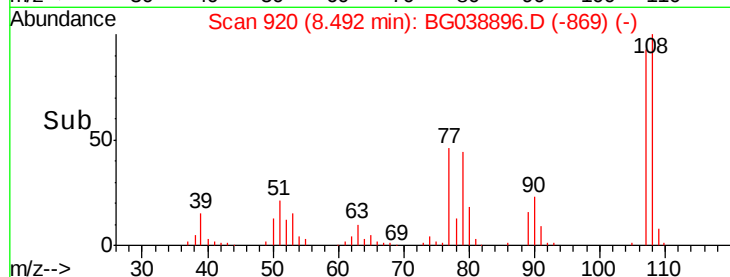
#17
2-Methylphenol
Concen: 43.289 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:107 Resp: 56627
Ion Ratio Lower Upper
107 100
108 107.5 87.1 130.7
77 49.4 42.0 63.0
79 47.4 38.2 57.2

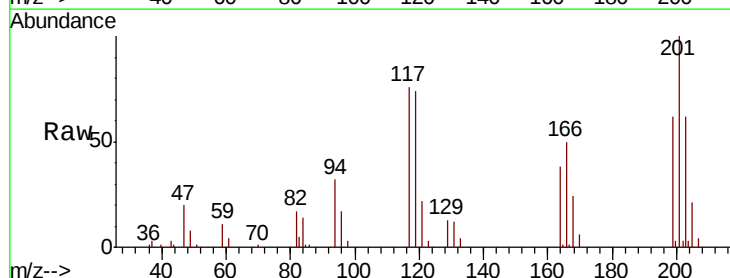


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

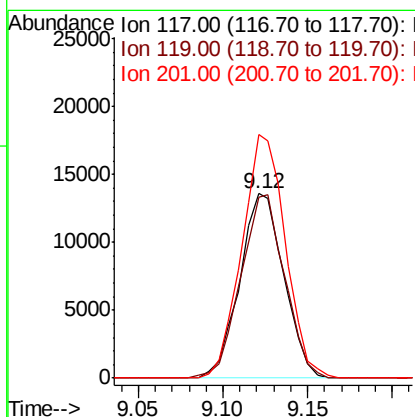
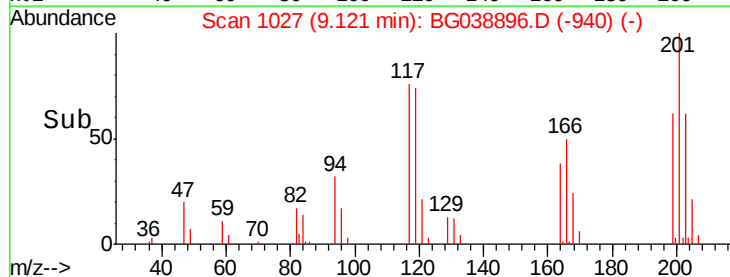


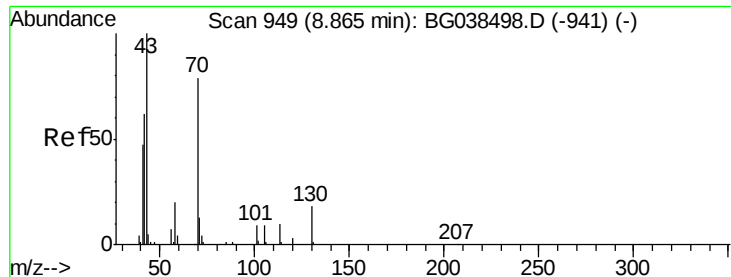
#18
Hexachloroethane
Concen: 36.001 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:117 Resp: 24679
Ion Ratio Lower Upper
117 100
119 97.7 73.8 110.8
201 131.8 89.4 134.0



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

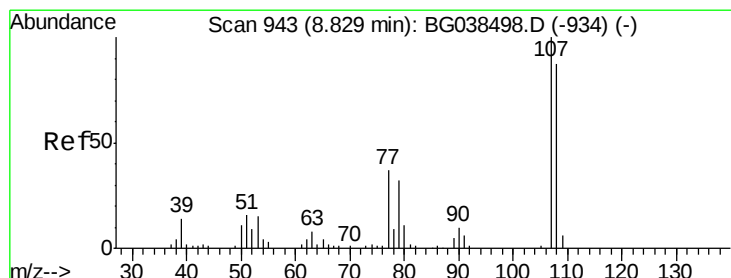
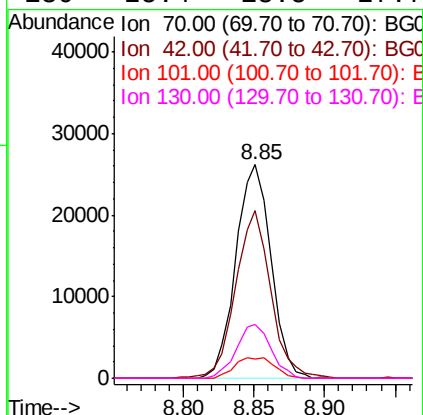
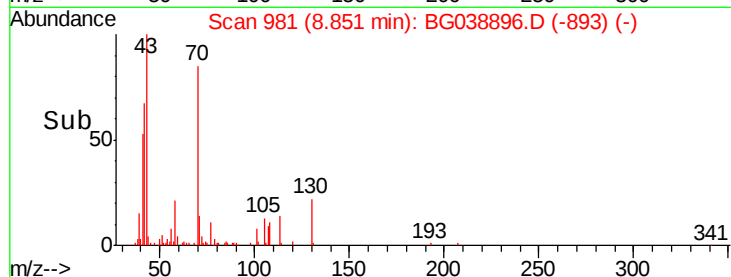
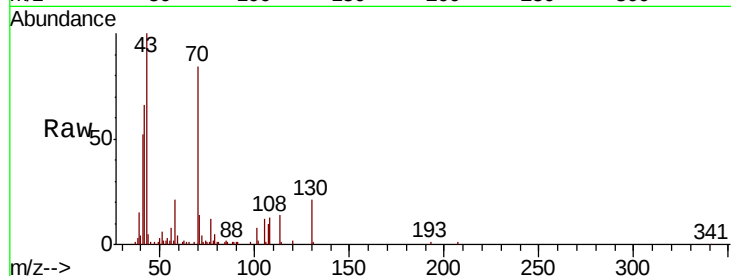




#19
n-Nitroso-di-n-propylamine
Concen: 35.382 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

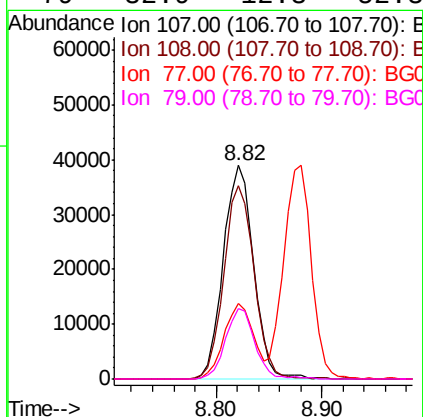
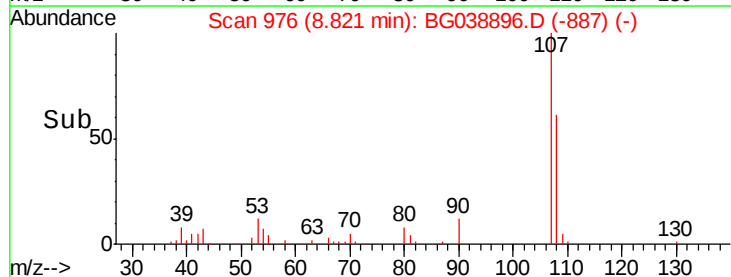
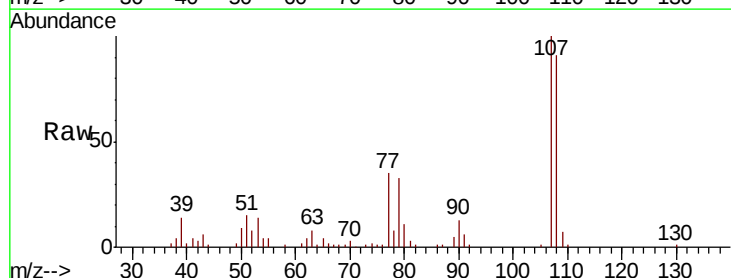
Instrument :
BNA_G
ClientSampleId :
PB116049BS

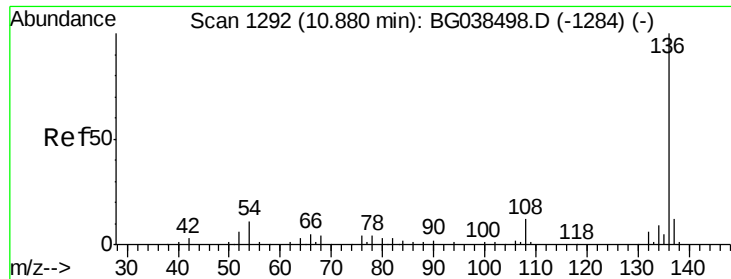
Tot Ion: 70 Resp: 45670
Ion Ratio Lower Upper
70 100
42 78.4 63.6 95.4
101 9.0 9.2 13.8#
130 25.4 18.5 27.7



#20
3+4-Methylphenols
Concen: 42.747 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion: 107 Resp: 77226
Ion Ratio Lower Upper
107 100
108 90.6 66.7 106.7
77 35.3 17.3 57.3
79 32.9 12.3 52.3

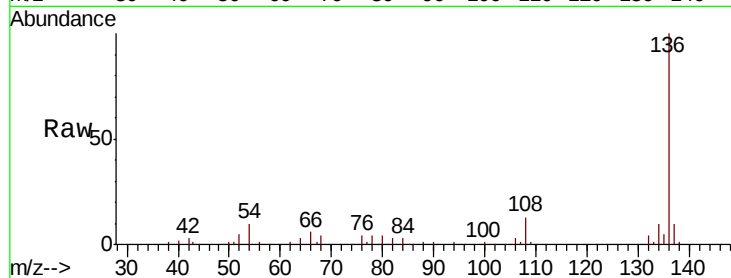




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:136	Resp:	92074
Ion	Ratio	Lower Upper
136	100	
137	10.3	9.3 13.9
54	9.6	8.5 12.7
68	4.0	3.5 5.3



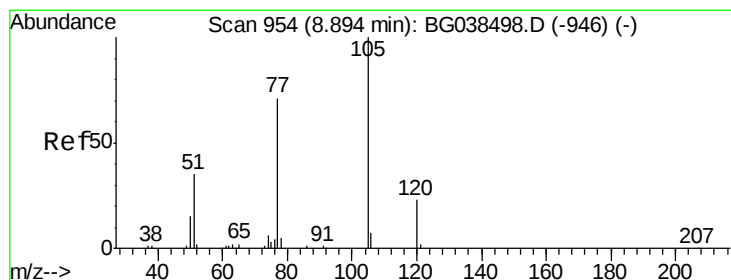
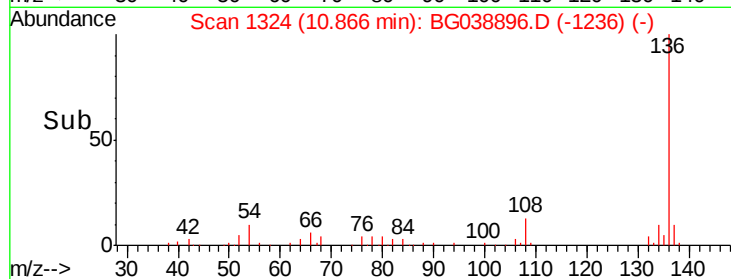
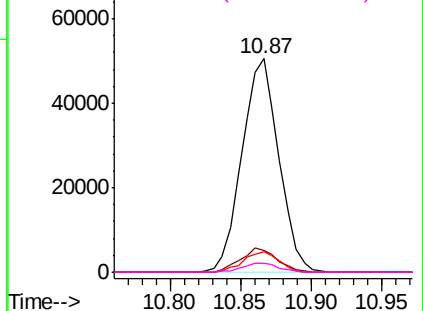
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

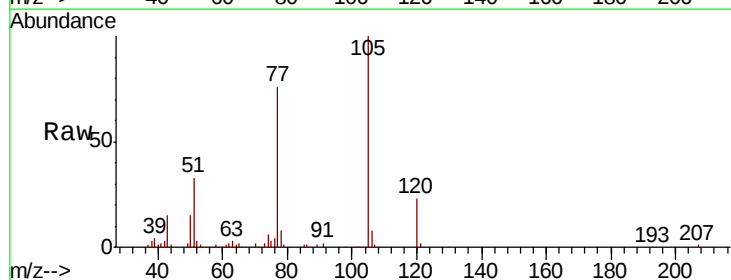
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 40.746 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:105	Resp:	93709
Ion	Ratio	Lower Upper
105	100	
71	0.4	0.4 0.6
51	32.9	30.6 46.0
120	23.4	18.6 28.0



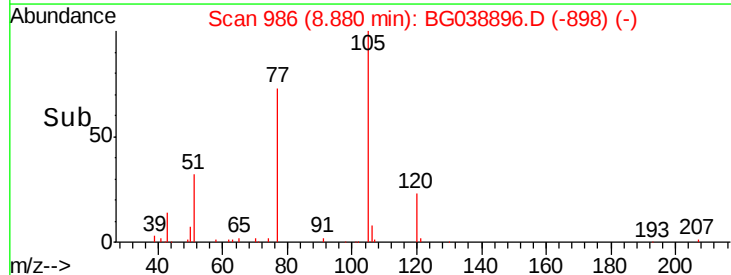
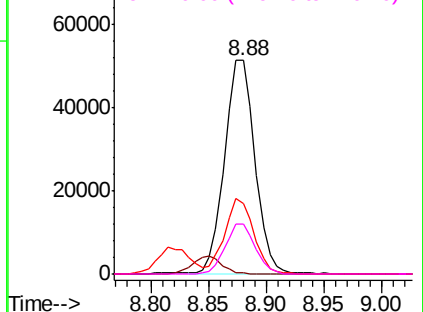
Abundance

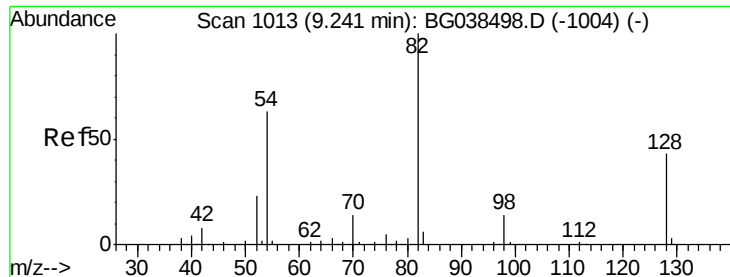
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

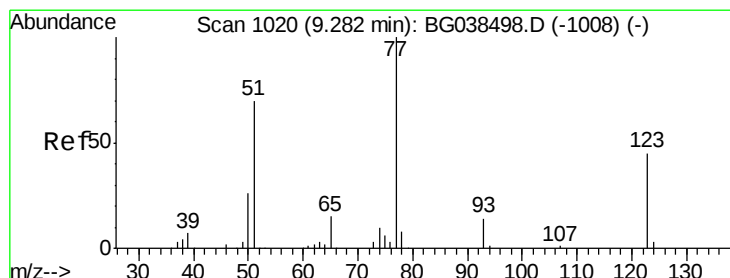
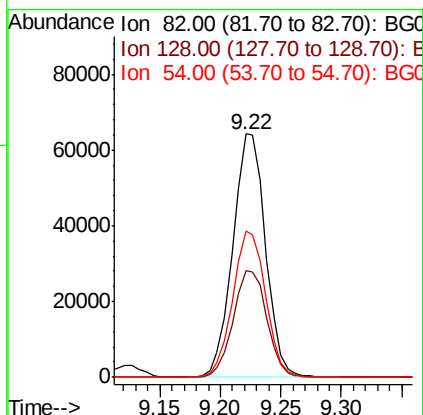
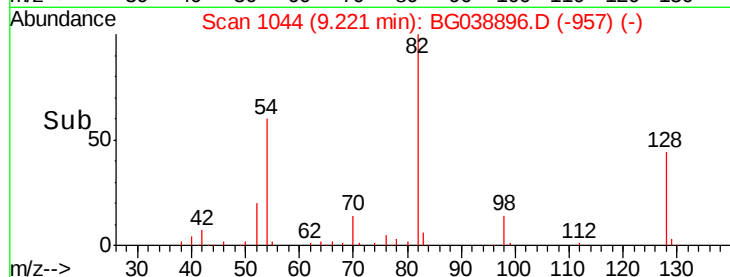
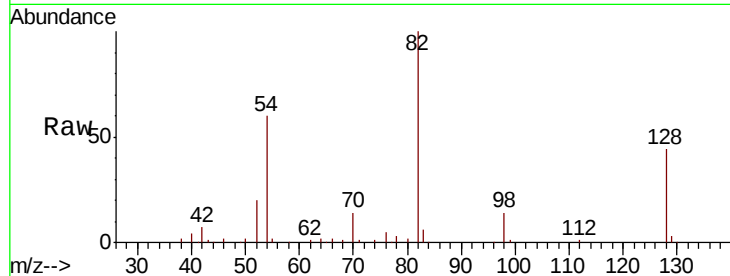




#23
Nitrobenzene-d5
Concen: 67.254 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

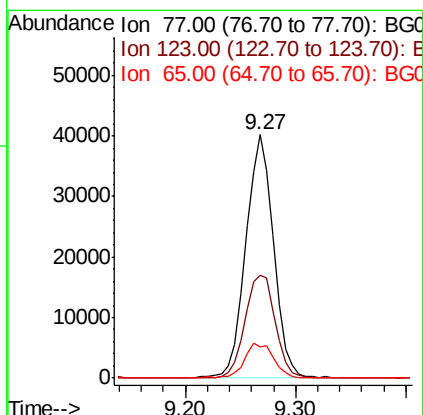
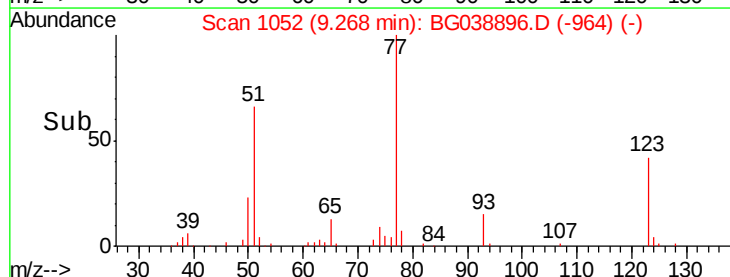
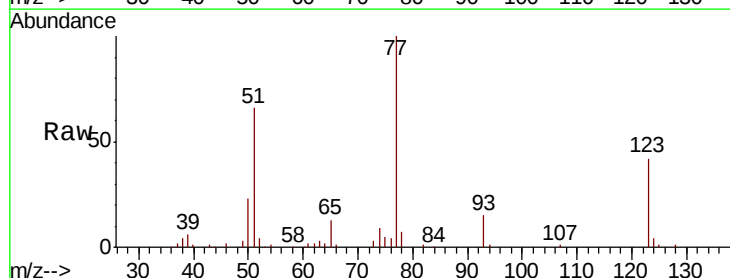
Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion: 82 Resp: 121212
Ion Ratio Lower Upper
82 100
128 43.7 34.6 52.0
54 60.1 50.6 76.0



#24
Nitrobenzene
Concen: 38.948 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion: 77 Resp: 71013
Ion Ratio Lower Upper
77 100
123 42.5 35.9 53.9
65 12.7 12.0 18.0





#25

Isophorone

Concen: 41.547 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

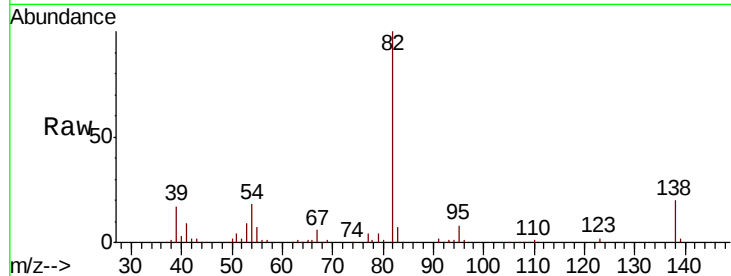
Tot Ion: 82 Resp: 134538

Ion Ratio Lower Upper

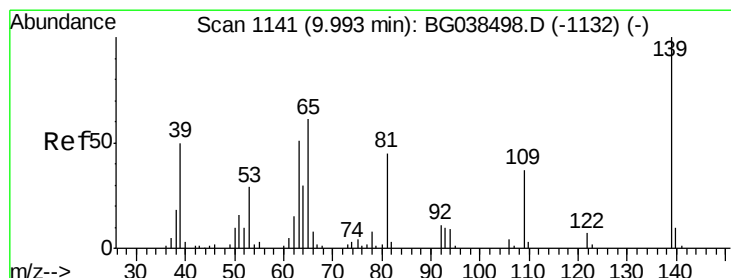
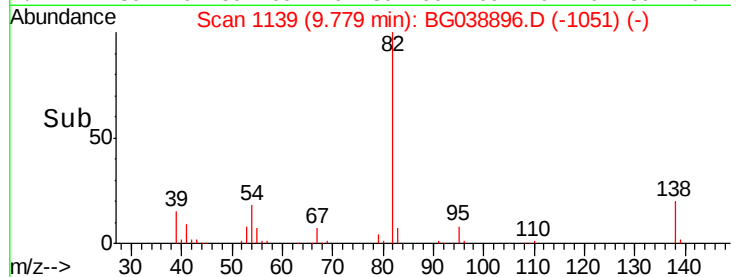
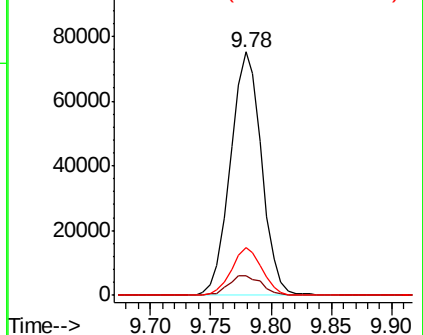
82 100

95 8.0 6.1 9.1

138 19.5 14.9 22.3



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: 43.156 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

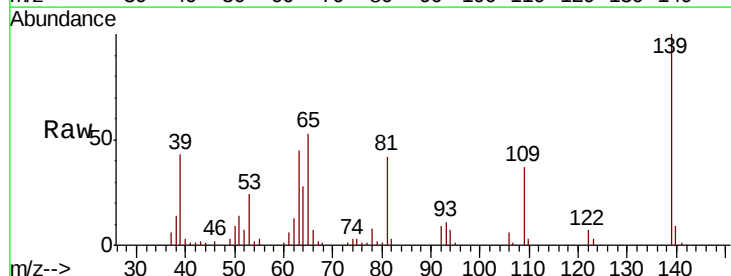
Tgt Ion: 139 Resp: 40272

Ion Ratio Lower Upper

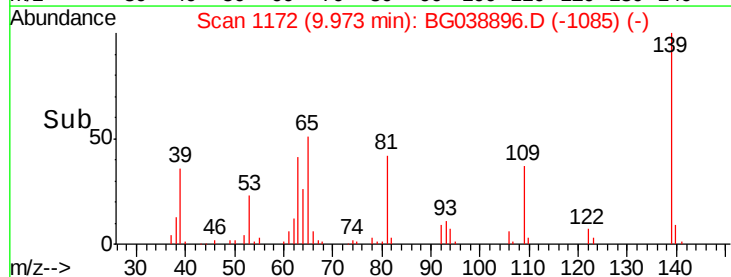
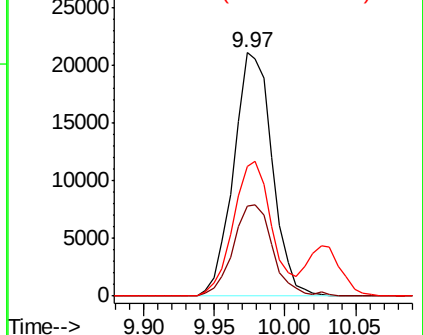
139 100

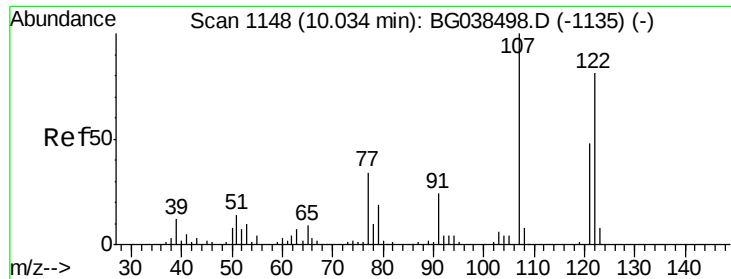
109 37.0 29.5 44.3

65 53.3 48.5 72.7



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

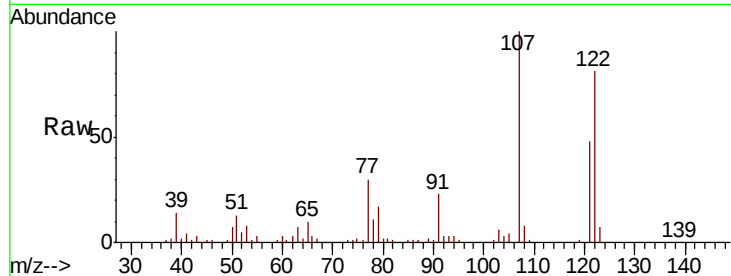




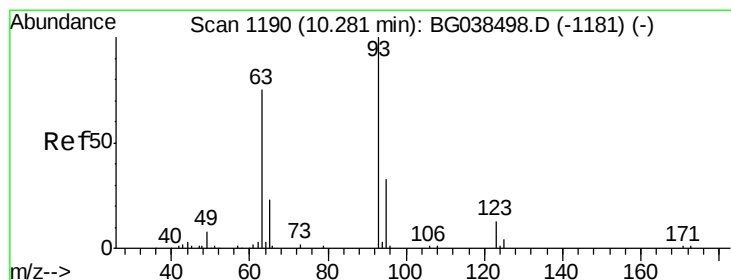
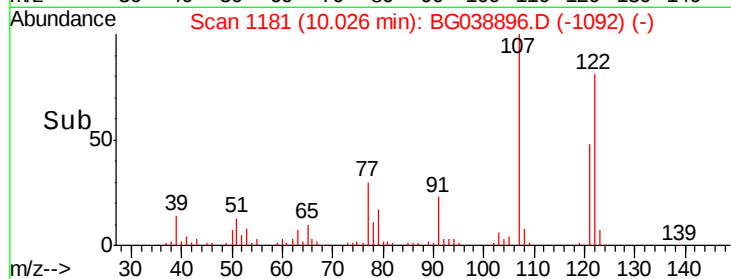
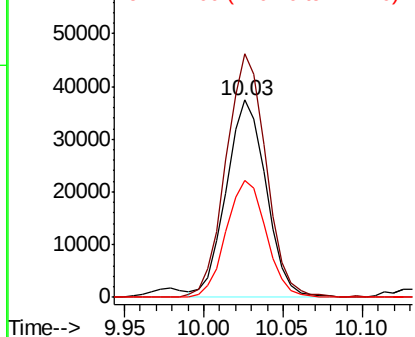
#27
 2,4-Dimethylphenol
 Concen: 48.888 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion:122 Resp: 65383
 Ion Ratio Lower Upper
 122 100
 107 123.5 98.4 147.6
 121 59.2 47.2 70.8

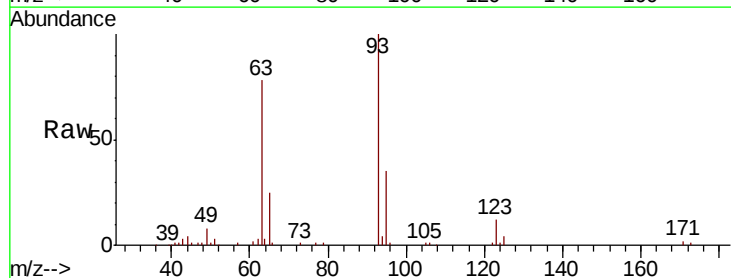


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

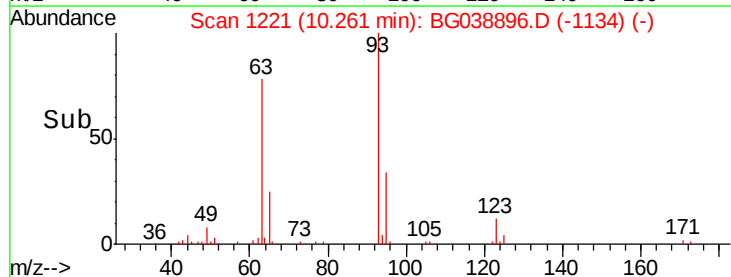
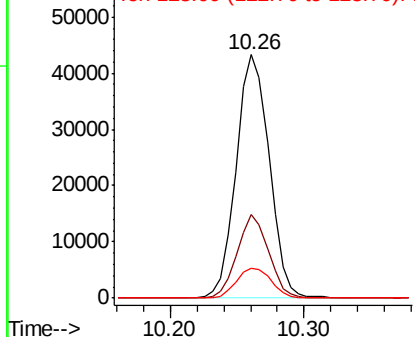


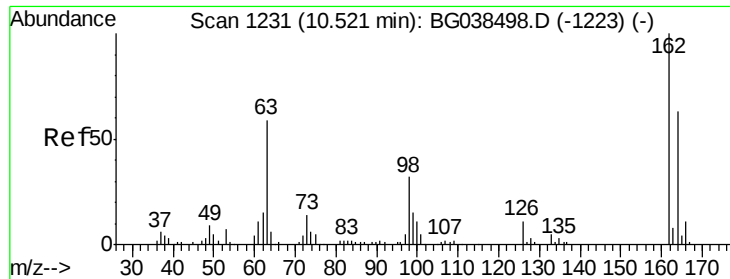
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.623 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion: 93 Resp: 74235
 Ion Ratio Lower Upper
 93 100
 95 34.5 26.6 40.0
 123 12.0 10.6 16.0



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

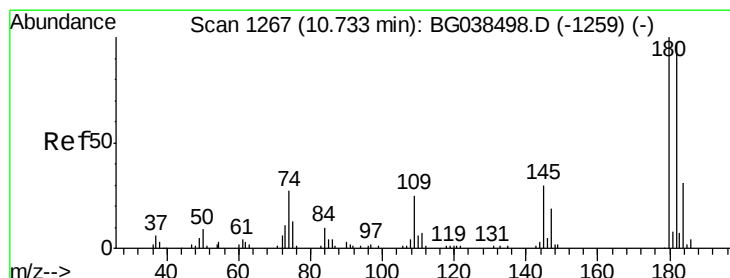
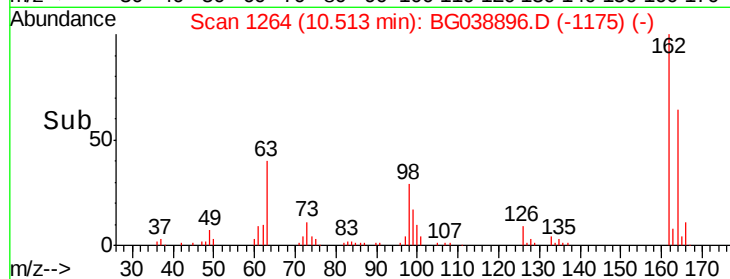
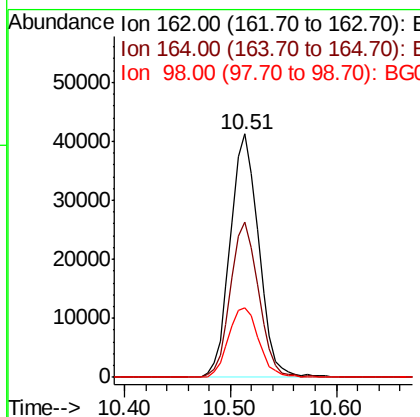
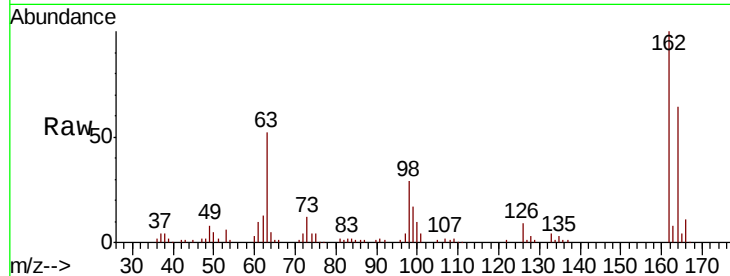




#29
 2,4-Dichlorophenol
 Concen: 51.675 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

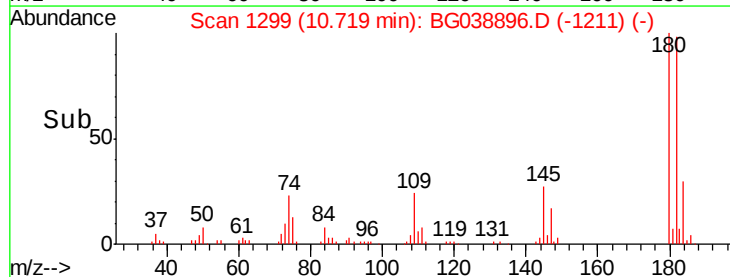
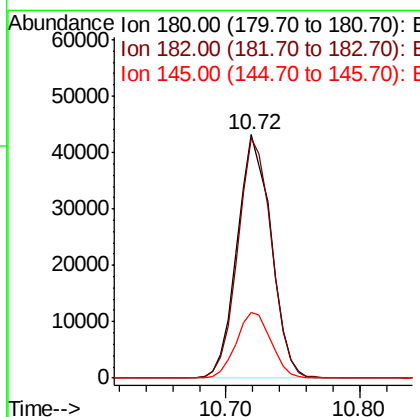
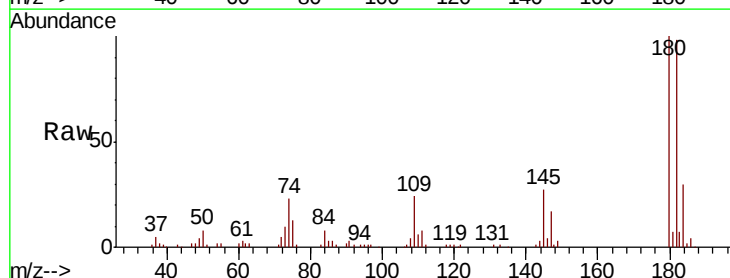
Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion:162 Resp: 76884
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.9 82.9
 98 28.8 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.278 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:180 Resp: 75981
 Ion Ratio Lower Upper
 180 100
 182 98.4 77.4 116.0
 145 26.8 24.1 36.1

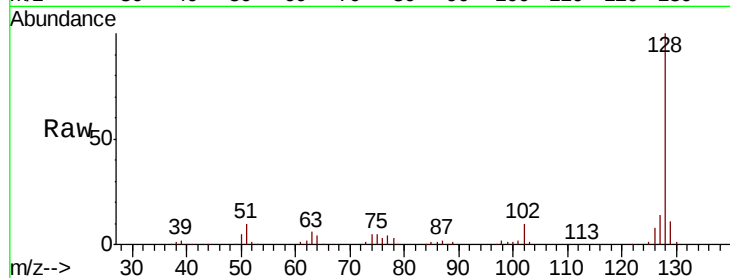




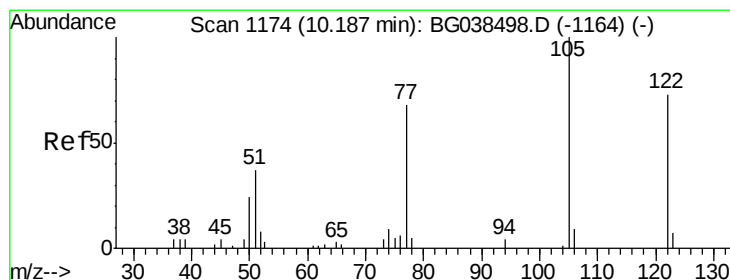
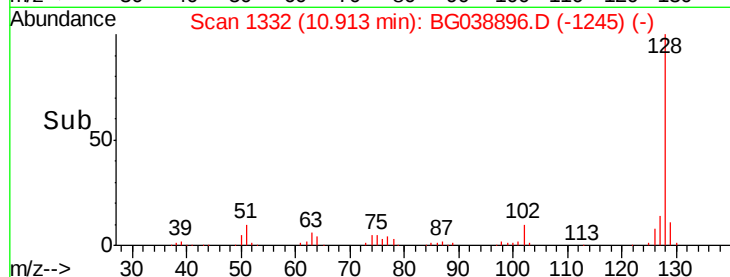
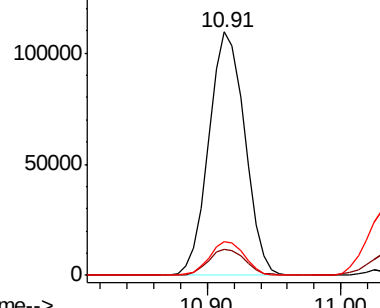
#31
Naphthalene
Concen: 44.930 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:128 Resp: 203829
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.6 10.9 16.3

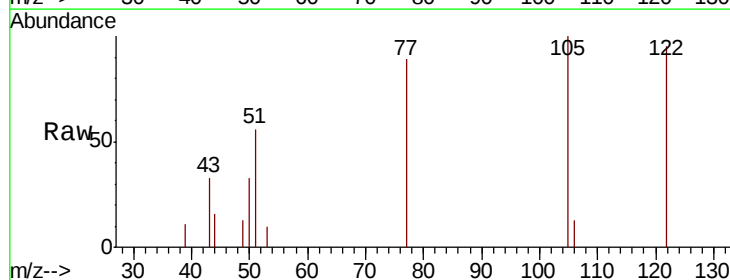


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

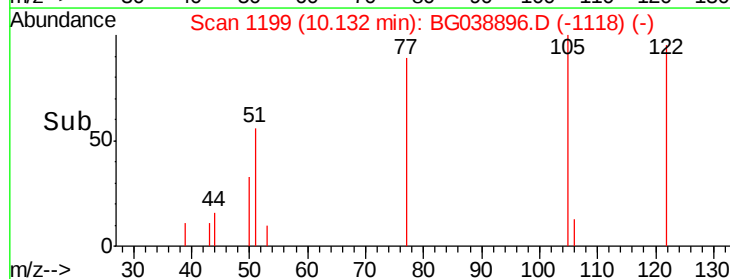
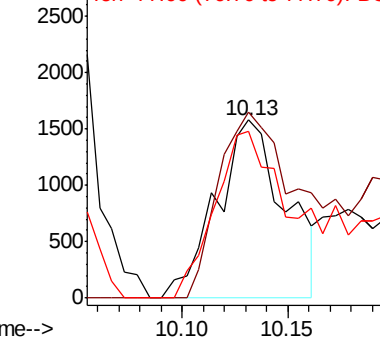


#32
Benzoic acid
Concen: 13.458 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:122 Resp: 3550
Ion Ratio Lower Upper
122 100
105 104.9 116.7 156.7#
77 93.8 72.5 112.5



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

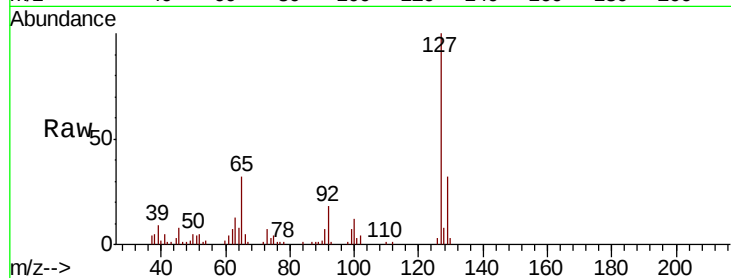




#33
4-Chloroaniline
Concen: 30.224 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	31.9	27.8	41.6
92	18.4	17.0	25.6



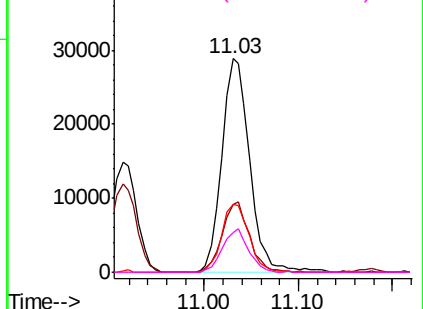
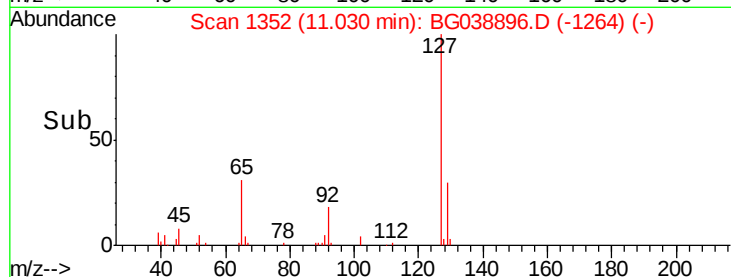
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

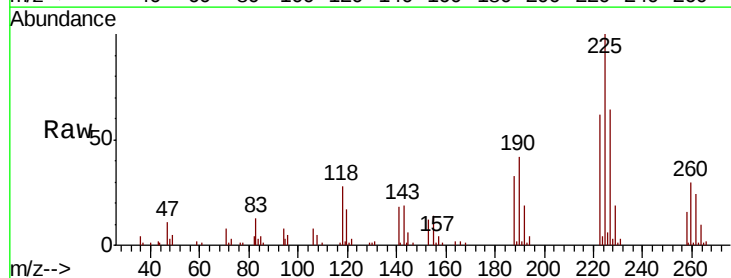
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.437 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	45.0	67.6
227	66.9	50.6	75.8

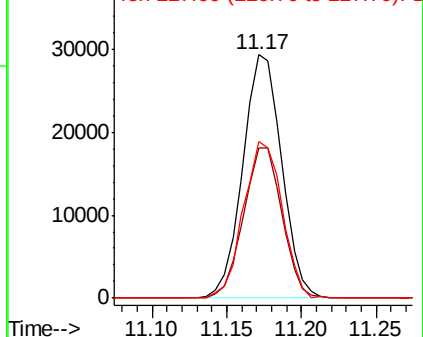
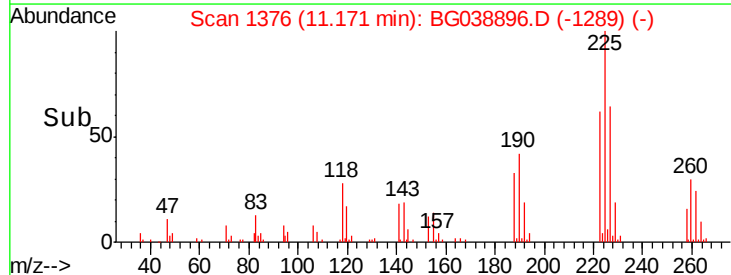


Abundance

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

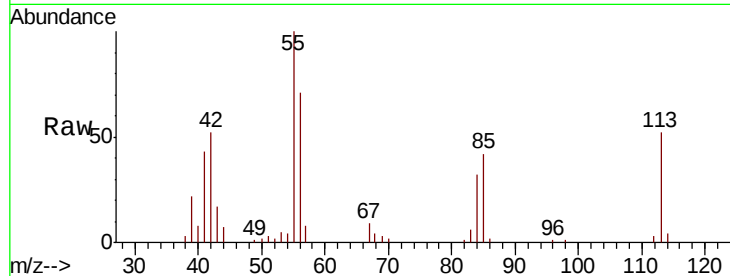




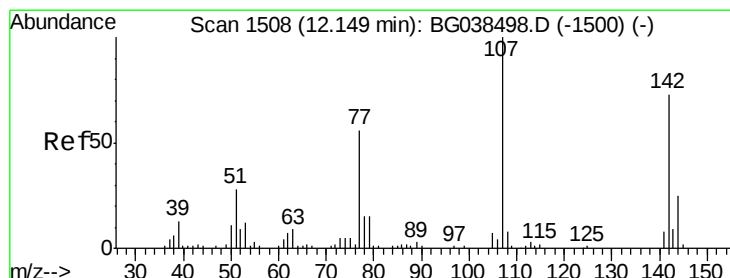
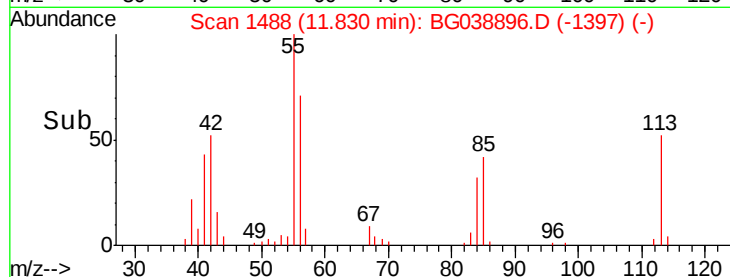
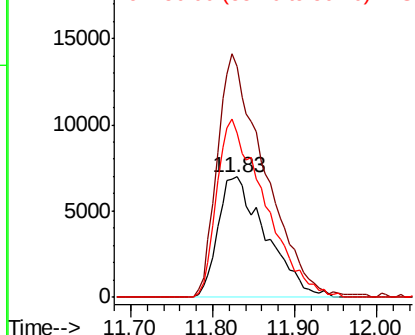
#35
Caprolactam
Concen: 46.347 ng
RT: 11.83 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleID :
PB116049BS

Tot Ion:113 Resp: 28537
Ion Ratio Lower Upper
113 100
55 192.2 204.3 244.3#
56 136.6 135.0 175.0

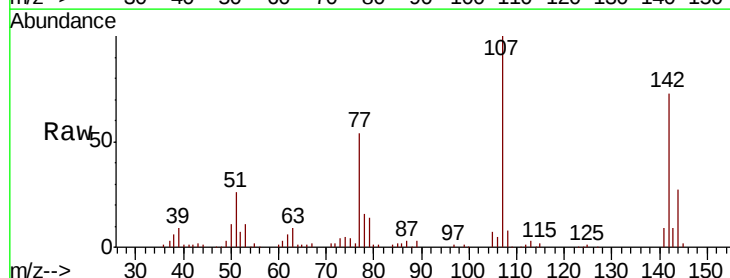


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

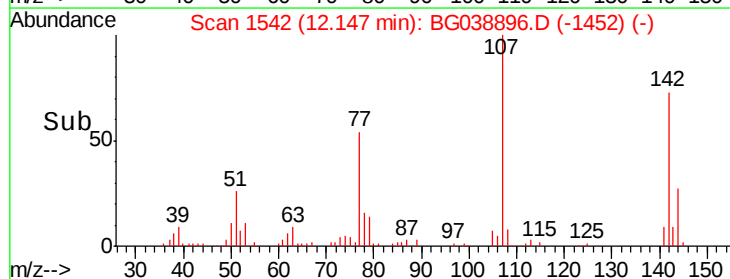
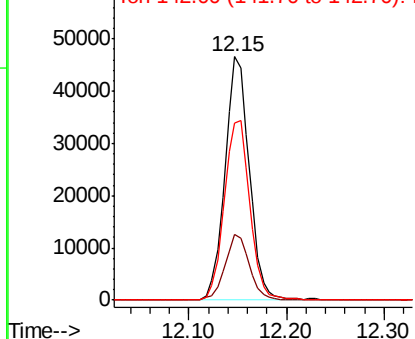


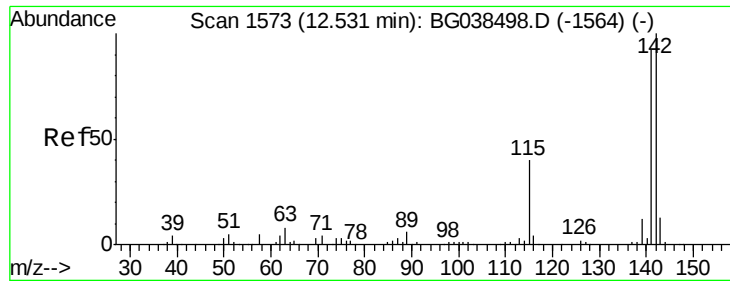
#36
4-Chloro-3-methylphenol
Concen: 47.425 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:107 Resp: 80521
Ion Ratio Lower Upper
107 100
144 27.0 20.1 30.1
142 72.9 58.7 88.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

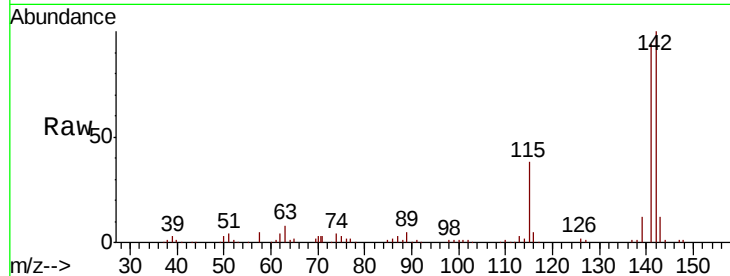




#37
 2-Methylnaphthalene
 Concen: 48.185 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.5	110.3
115	38.3	31.7	47.5

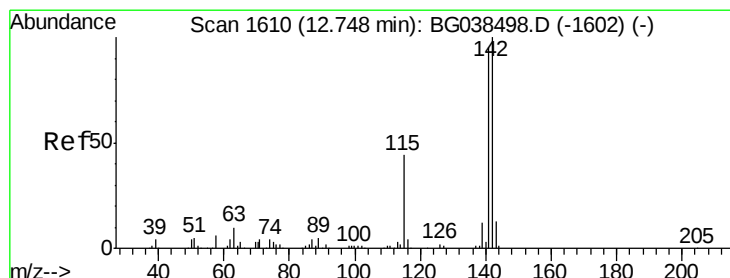
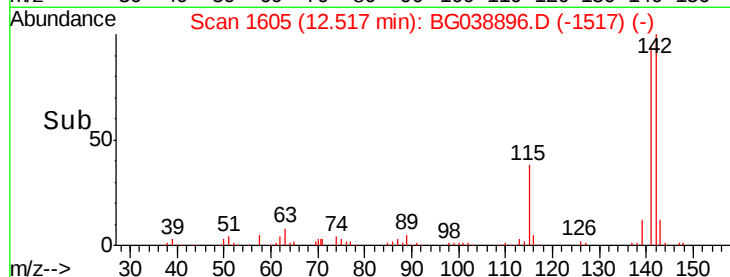
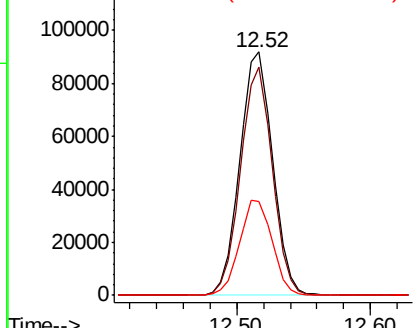


Abundance

Ion 142.00 (141.70 to 142.70): E

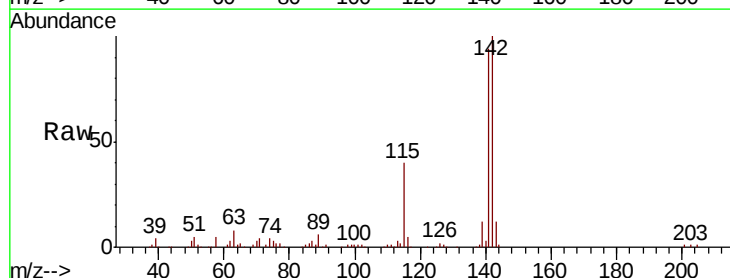
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 47.150 ng
 RT: 12.73 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.8	113.8
116	4.6	3.6	5.4

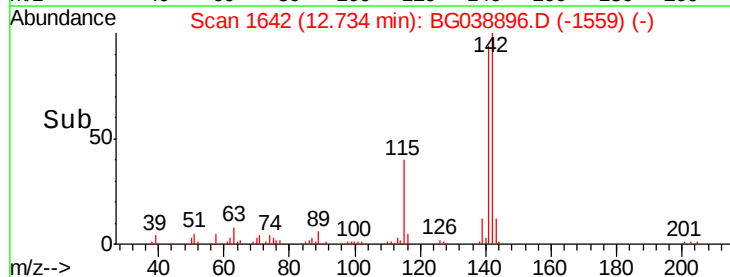
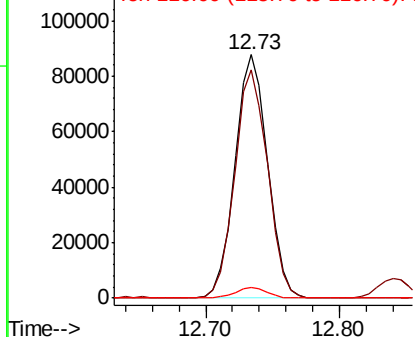


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

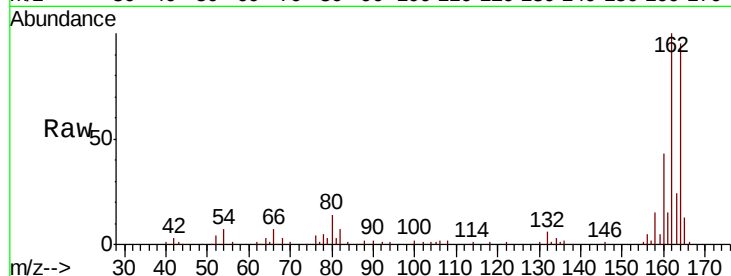
Tot Ion:164 Resp: 65626

Ion Ratio Lower Upper

164 100

162 105.6 86.6 130.0

160 45.3 34.2 51.2

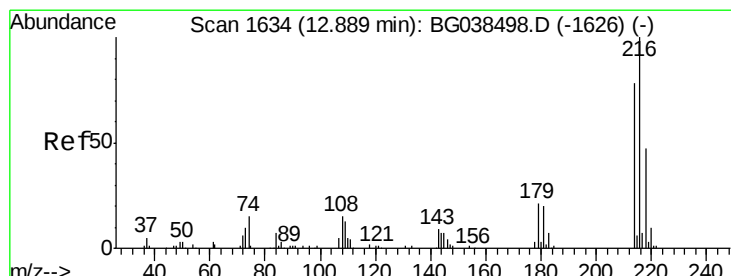
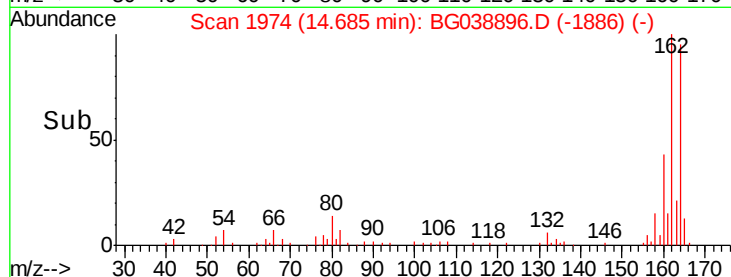
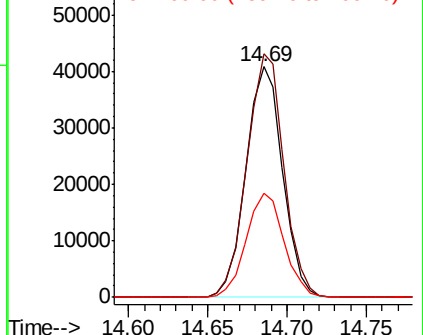


Abundance

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: 39.554 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:216 Resp: 97028

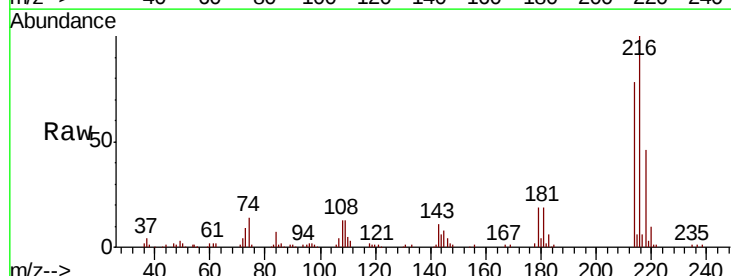
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 19.8 16.4 24.6

108 16.7 13.9 20.9



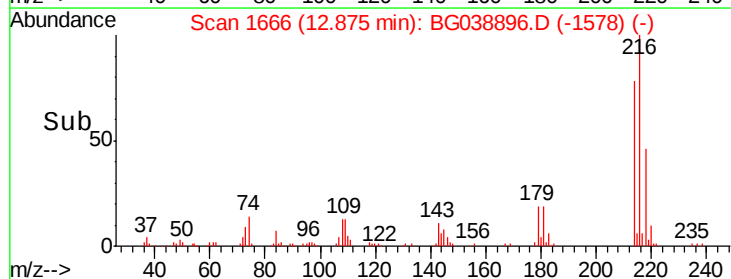
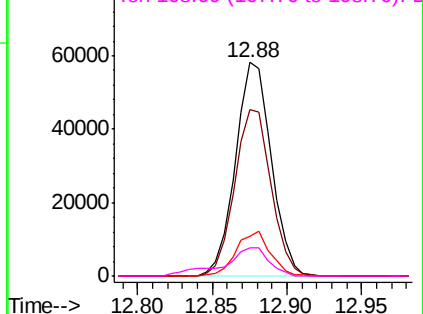
Abundance

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: 86.152 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

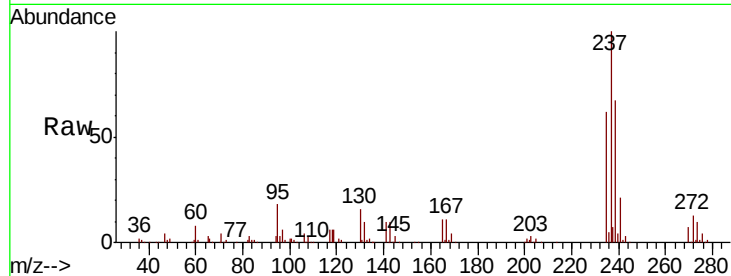
Tot Ion:237 Resp: 116108

Ion Ratio Lower Upper

237 100

235 62.1 38.8 78.8

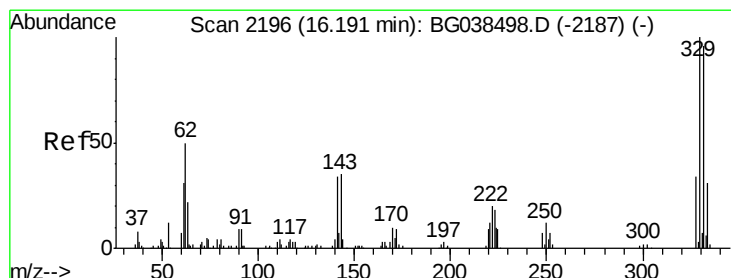
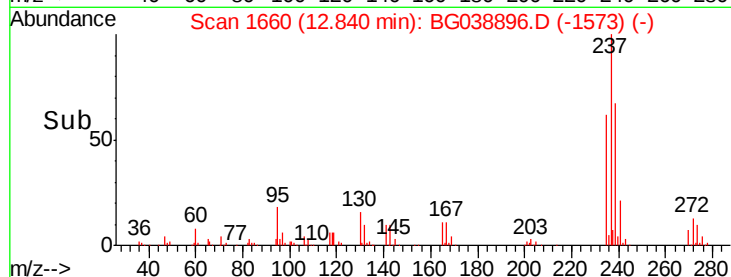
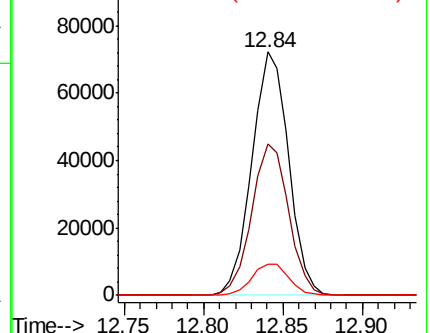
272 12.9 0.0 32.0



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: 173.169 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

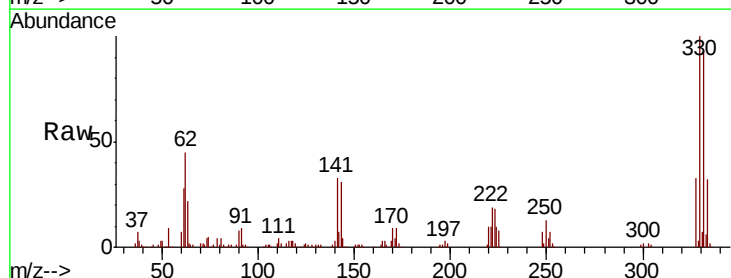
Tgt Ion:330 Resp: 156622

Ion Ratio Lower Upper

330 100

332 94.0 76.9 115.3

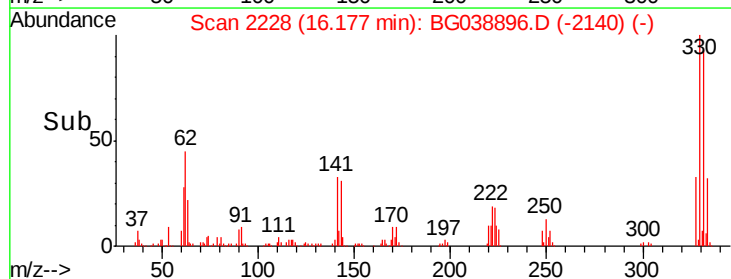
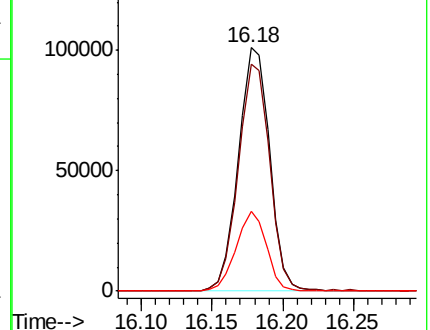
141 31.9 28.8 43.2

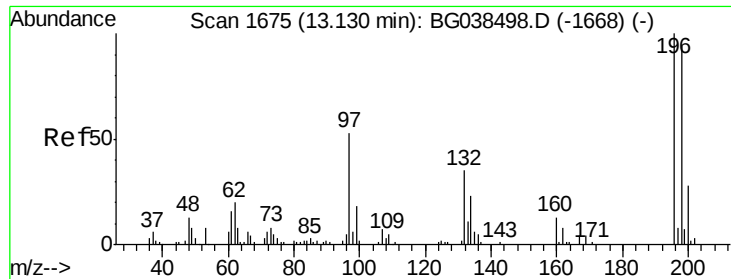


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

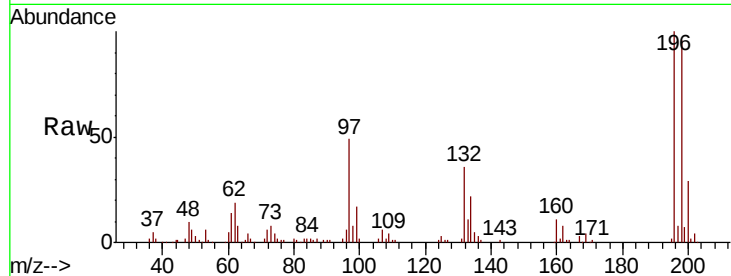




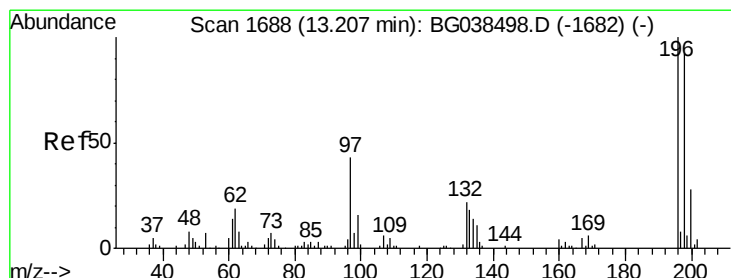
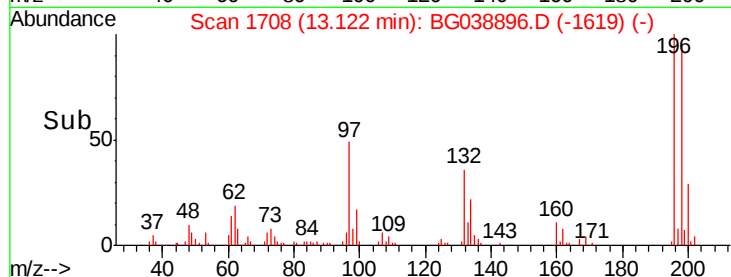
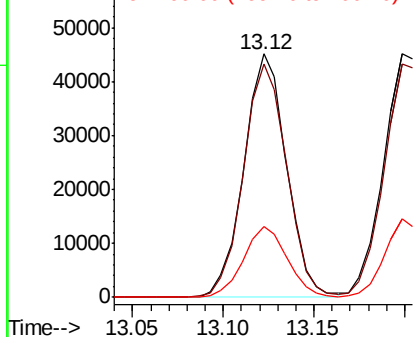
#43
 2,4,6-Trichlorophenol
 Concen: 48.790 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion:196 Resp: 73590
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.0 112.4
 200 29.3 22.4 33.6

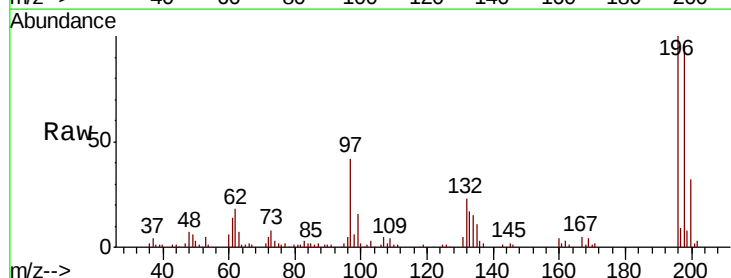


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

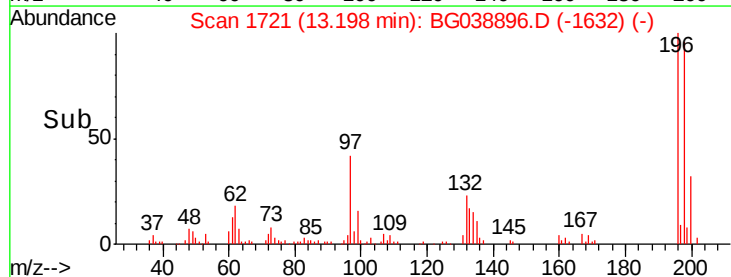
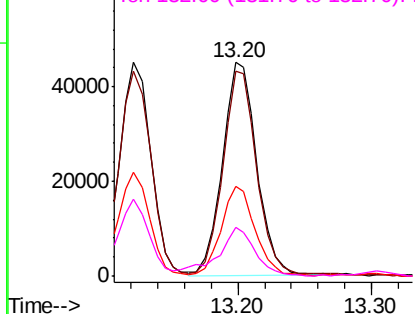


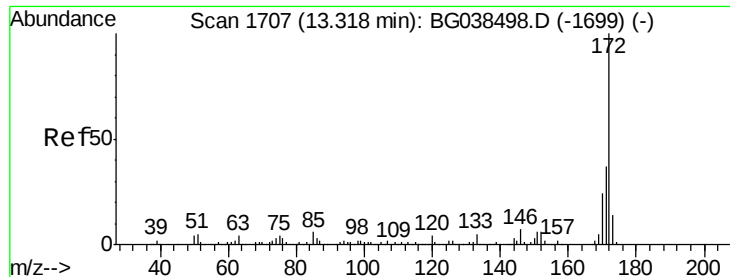
#44
 2,4,5-Trichlorophenol
 Concen: 50.343 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:196 Resp: 80395
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.0 111.0
 97 41.9 35.1 52.7
 132 22.7 18.0 27.0



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

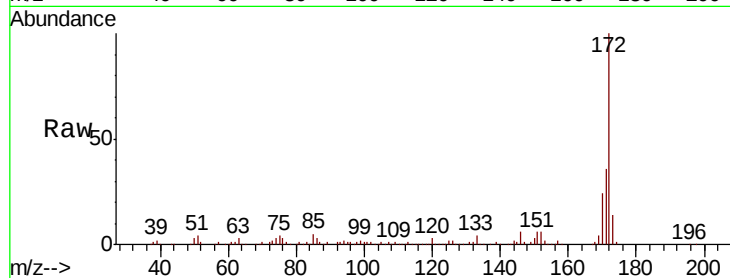




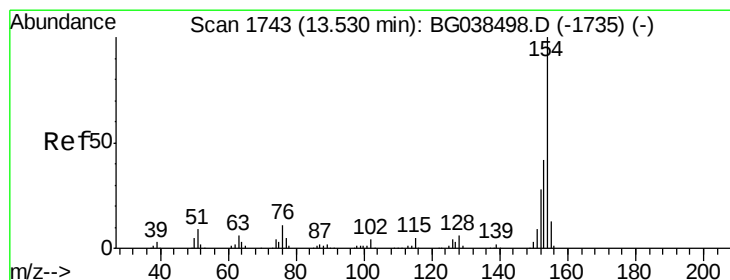
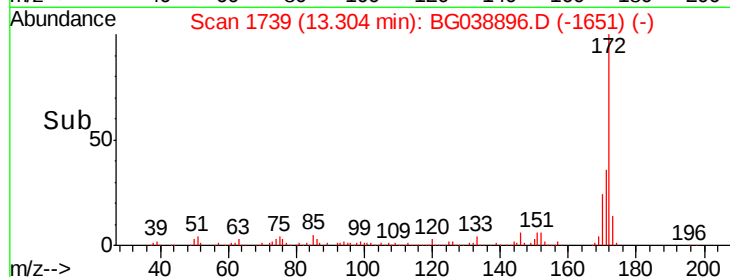
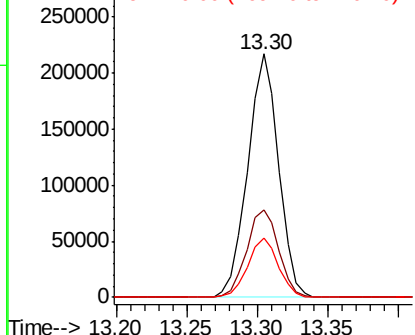
#45
2-Fluorobiphenyl
Concen: 69.436 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:172 Resp: 332164
Ion Ratio Lower Upper
172 100
171 35.7 29.8 44.6
170 24.4 19.5 29.3

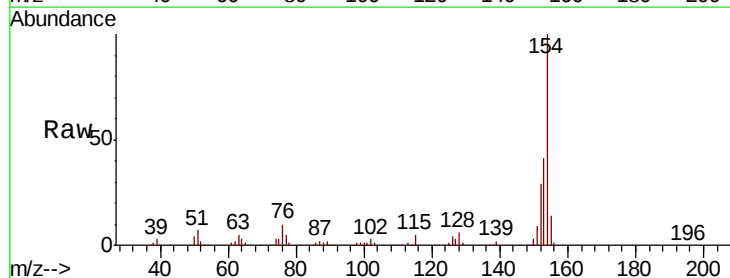


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

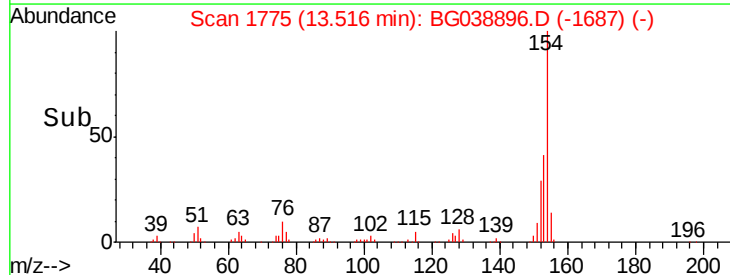
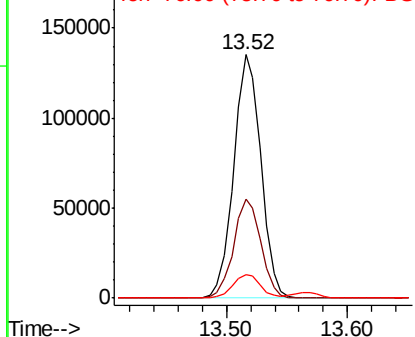


#46
1,1'-Biphenyl
Concen: 38.398 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:154 Resp: 211251
Ion Ratio Lower Upper
154 100
153 40.9 22.1 62.1
76 9.6 0.0 31.2



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

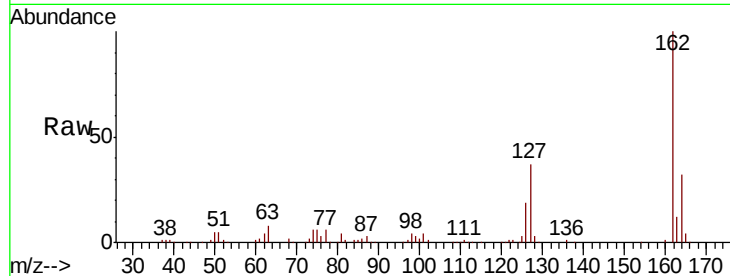




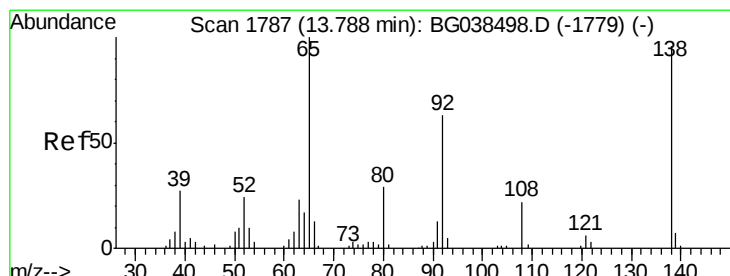
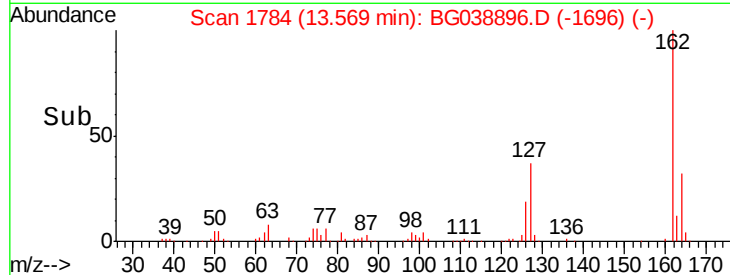
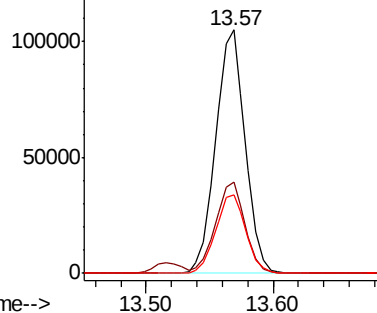
#47
2-Chloronaphthalene
Concen: 39.877 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampled :
PB116049BS

Tot Ion:162 Resp: 169465
Ion Ratio Lower Upper
162 100
127 37.3 27.8 41.8
164 32.5 26.9 40.3

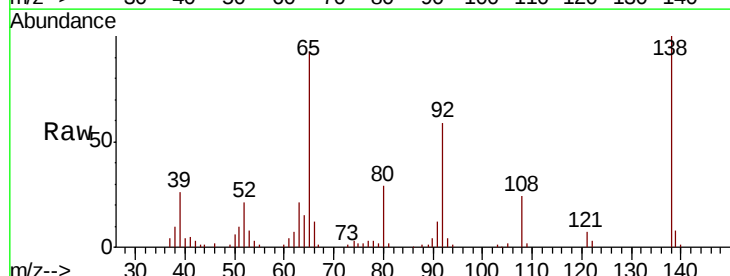


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

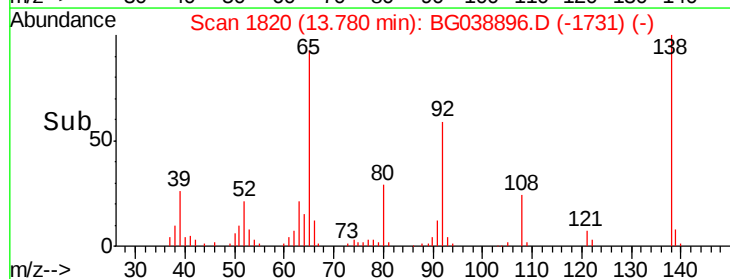
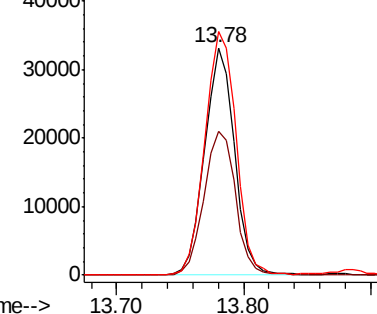


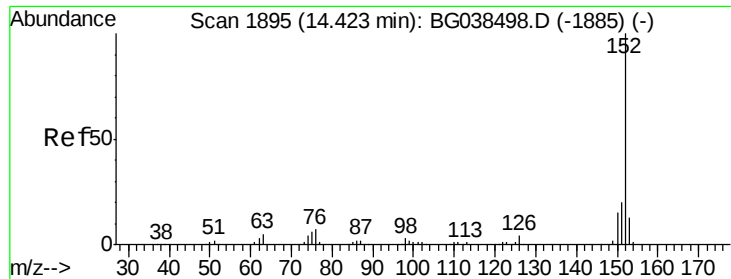
#48
2-Nitroaniline
Concen: 39.968 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion: 65 Resp: 54102
Ion Ratio Lower Upper
65 100
92 63.1 50.0 75.0
138 107.1 76.9 115.3



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





#49

Acenaphthylene

Concen: 45.107 ng

RT: 14.41 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

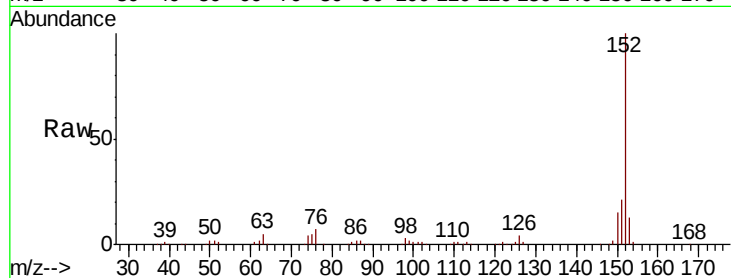
Tot Ion:152 Resp: 286566

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

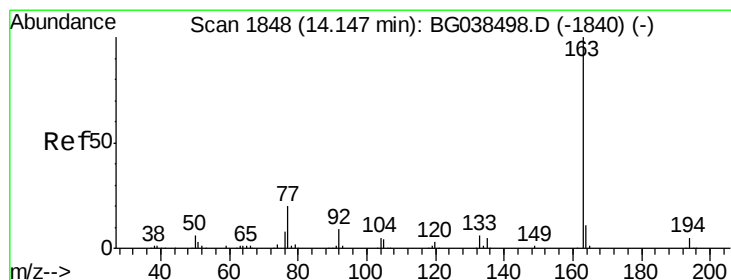
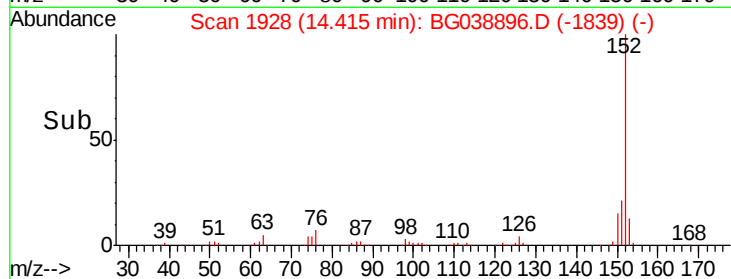
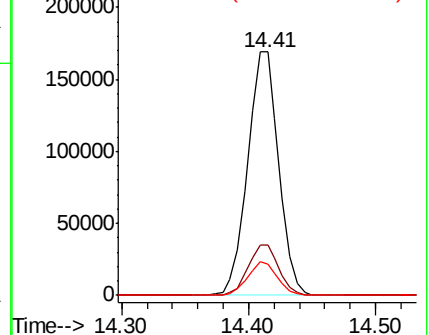
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.920 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

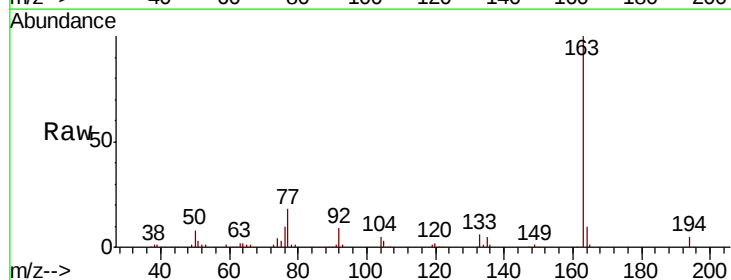
Tgt Ion:163 Resp: 235380

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

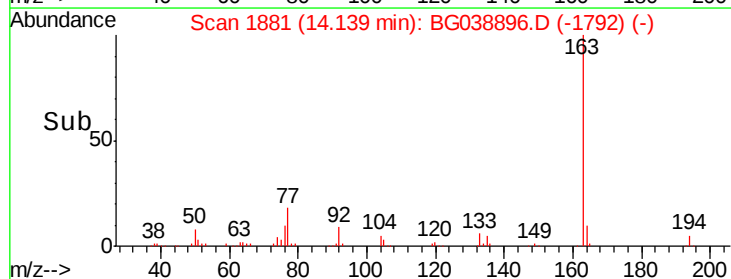
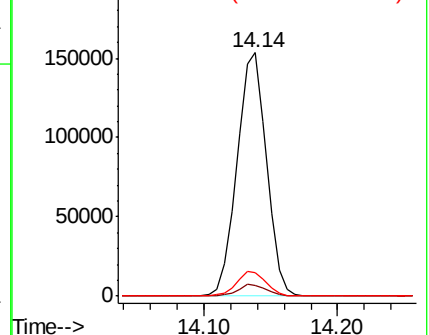
164 9.6 8.6 12.8

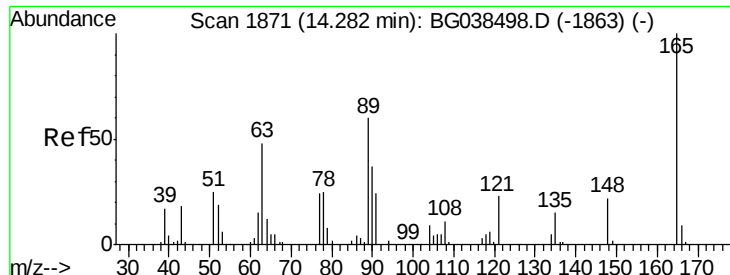


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

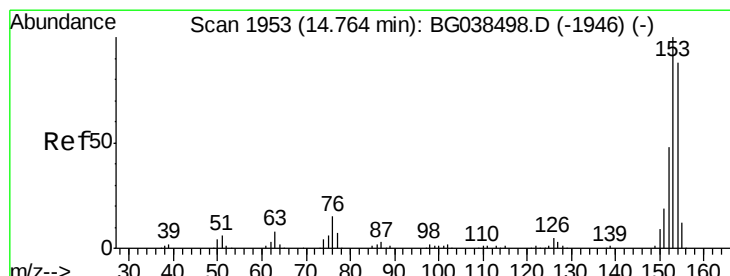
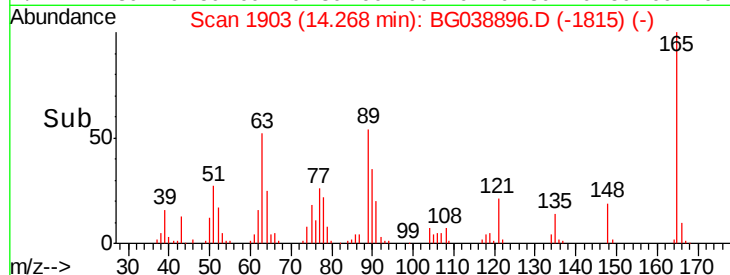
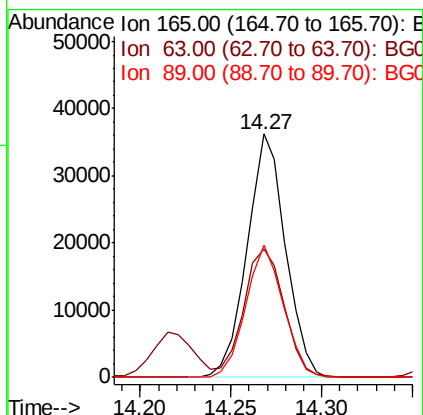
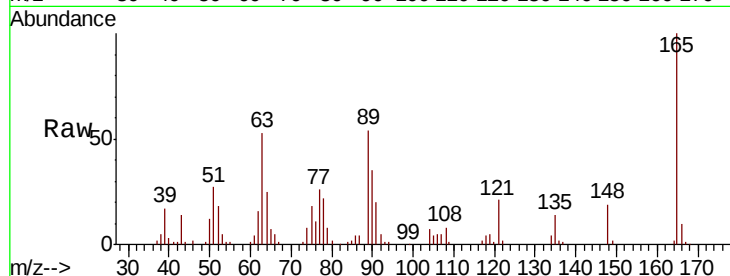




#51
 2,6-Dinitrotoluene
 Concen: 43.723 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

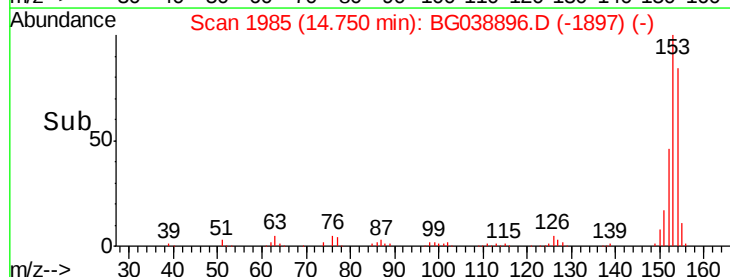
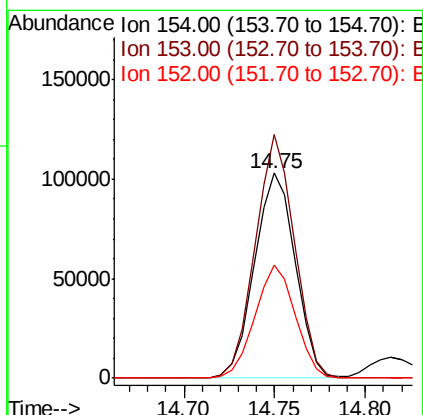
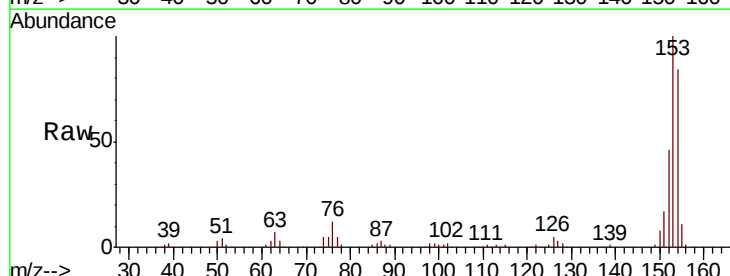
Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion:165 Resp: 53101
 Ion Ratio Lower Upper
 165 100
 63 52.8 51.8 77.6
 89 54.1 47.9 71.9



#52
 Acenaphthene
 Concen: 42.539 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:154 Resp: 161604
 Ion Ratio Lower Upper
 154 100
 153 118.9 90.6 136.0
 152 55.2 43.5 65.3

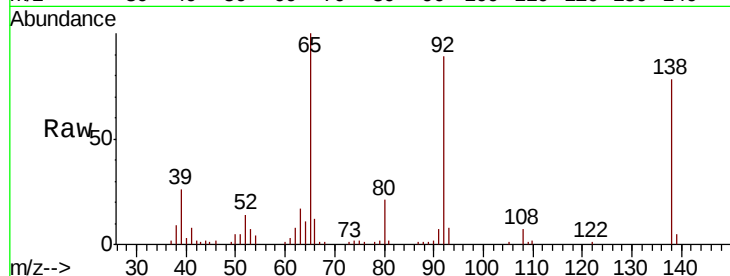




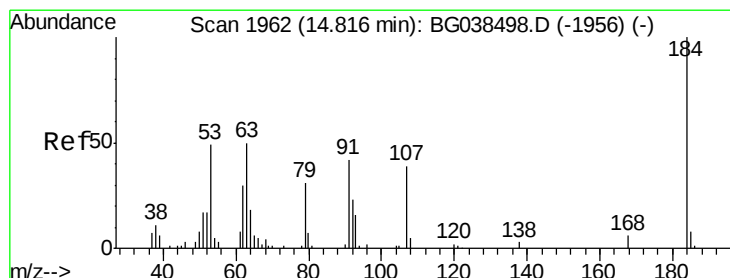
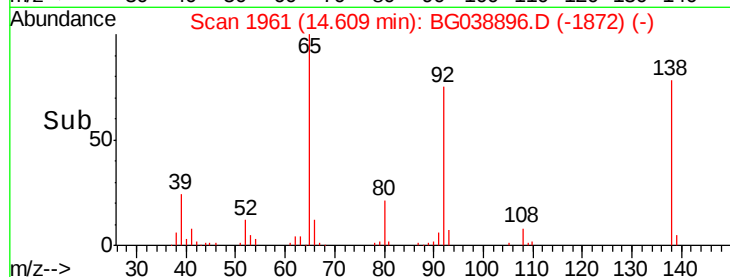
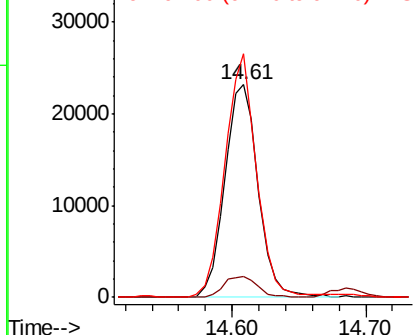
#53
 3-Nitroaniline
 Concen: 32.630 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion:138 Resp: 40397
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.9 11.9
 92 114.5 95.3 142.9

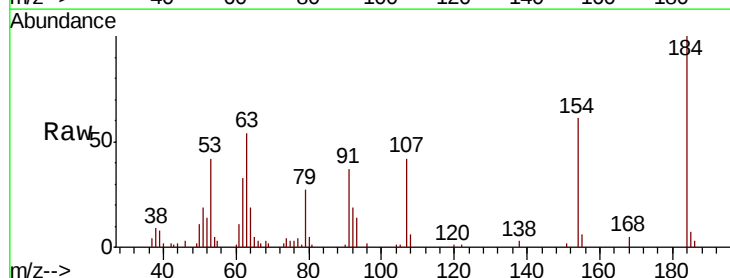


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

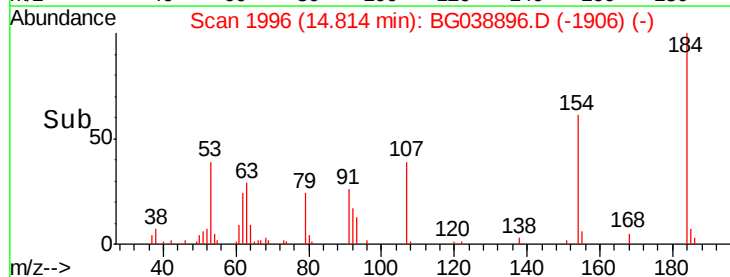
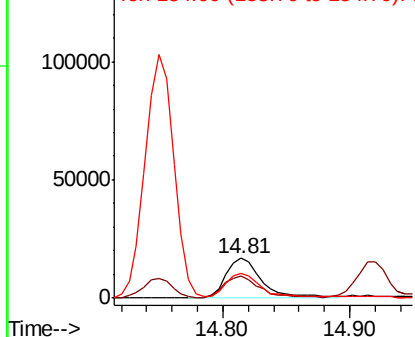


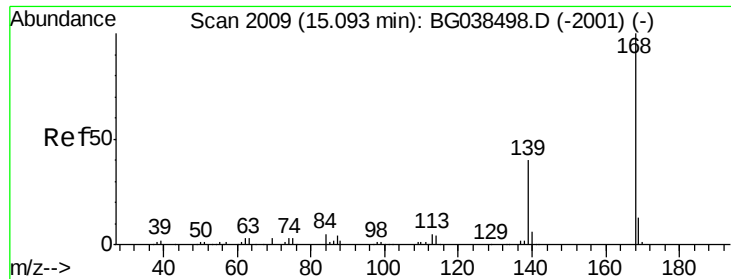
#54
 2,4-Dinitrophenol
 Concen: 48.575 ng
 RT: 14.81 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:184 Resp: 33529
 Ion Ratio Lower Upper
 184 100
 63 54.5 47.0 70.6
 154 61.4 50.3 75.5



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

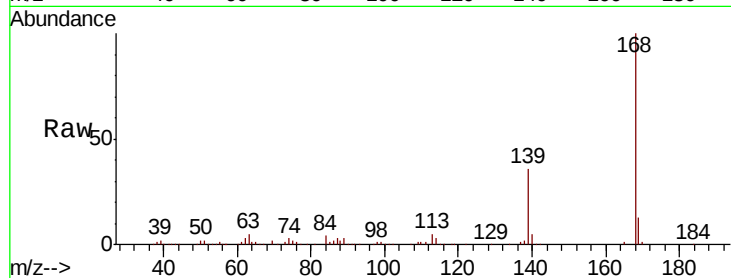




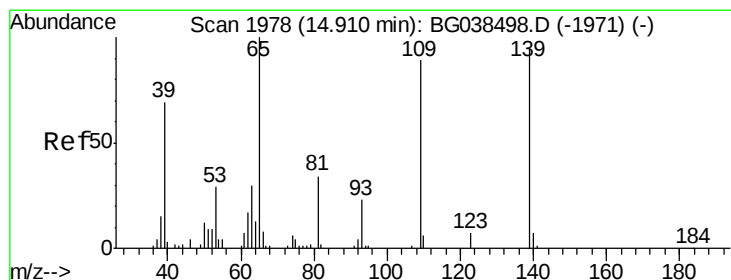
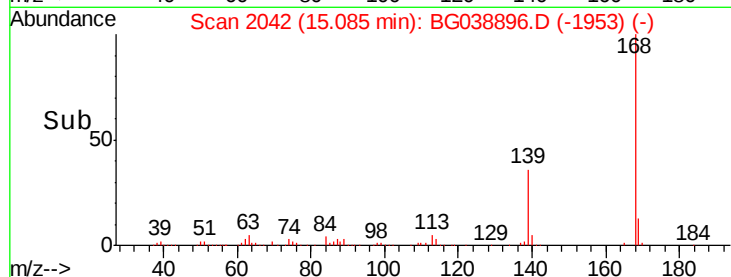
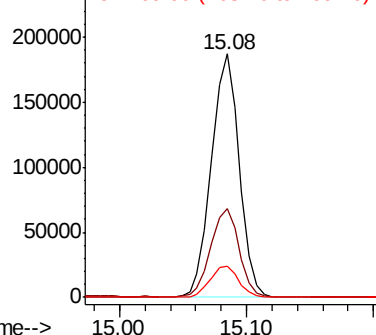
#55
Dibenzenofuran
Concen: 43.646 ng
RT: 15.08 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:168 Resp: 284218
Ion Ratio Lower Upper
168 100
139 36.3 32.2 48.2
169 12.9 10.6 16.0

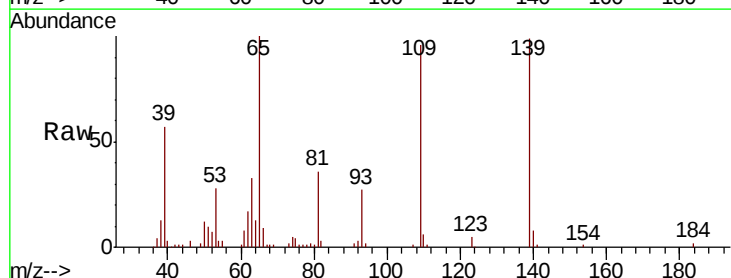


Abundance Ion 168.00 (167.70 to 168.70): E
250000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

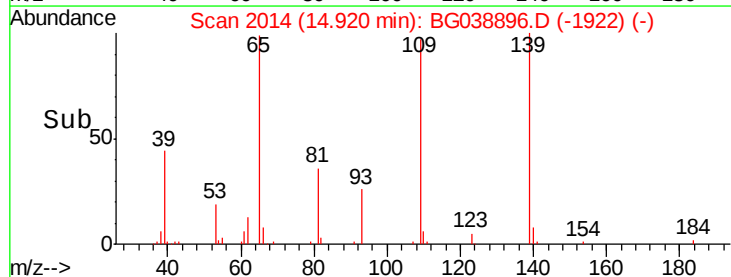
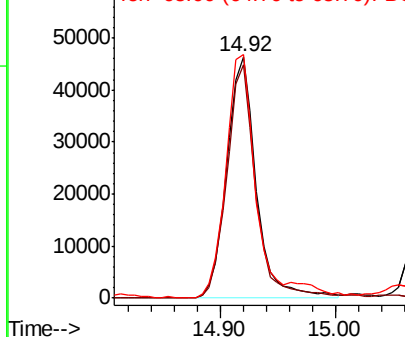


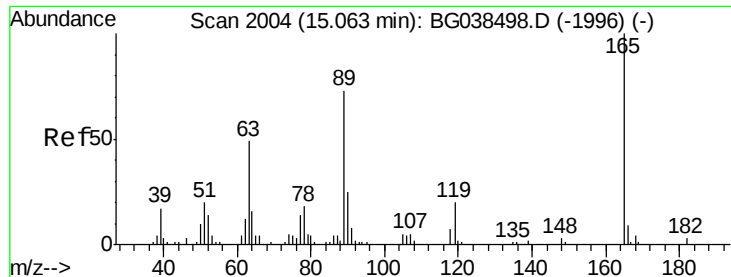
#56
4-Nitrophenol
Concen: 87.576 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:139 Resp: 82252
Ion Ratio Lower Upper
139 100
109 96.9 73.6 113.6
65 100.8 84.8 124.8



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): BG

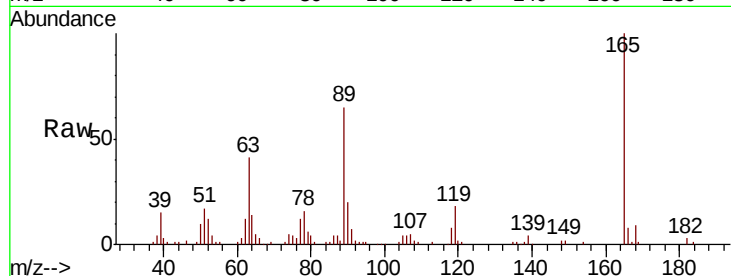




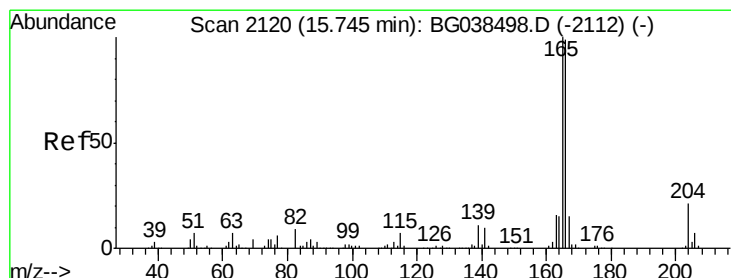
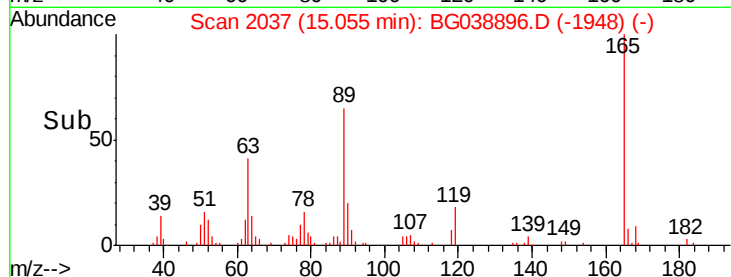
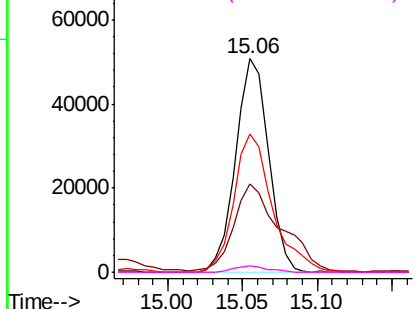
#57
2,4-Dinitrotoluene
Concen: 45.575 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:165 Resp: 77959
Ion Ratio Lower Upper
165 100
63 41.5 39.0 58.4
89 64.5 58.0 87.0
182 3.3 2.3 3.5

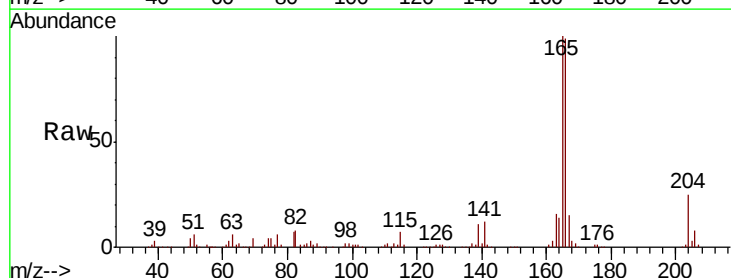


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

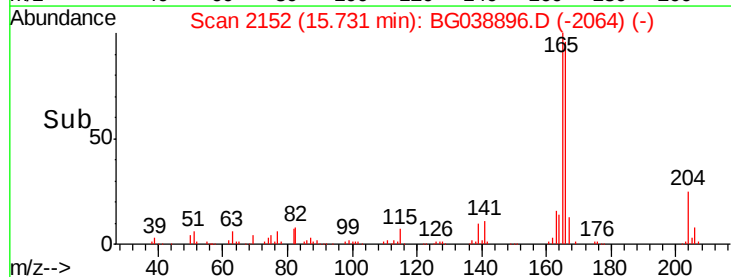
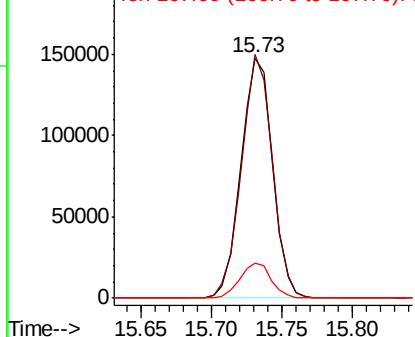


#58
Fluorene
Concen: 47.842 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:166 Resp: 230818
Ion Ratio Lower Upper
166 100
165 101.5 80.6 120.8
167 14.8 12.0 18.0



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

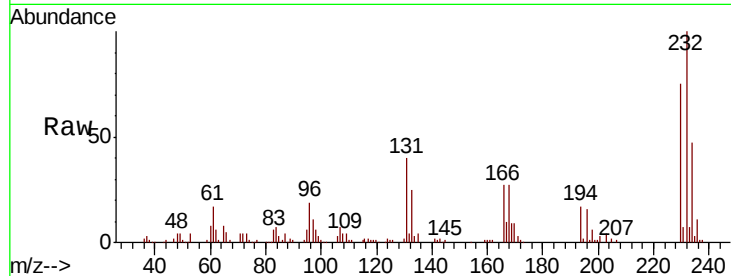




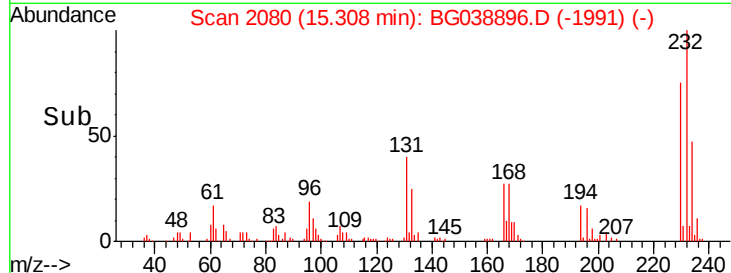
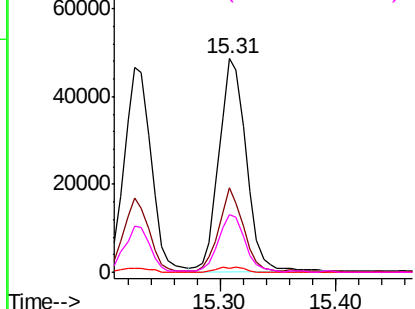
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.141 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:232 Resp: 79224
Ion Ratio Lower Upper
232 100
131 36.9 33.0 49.4
130 2.3 2.0 3.0
166 26.5 23.1 34.7

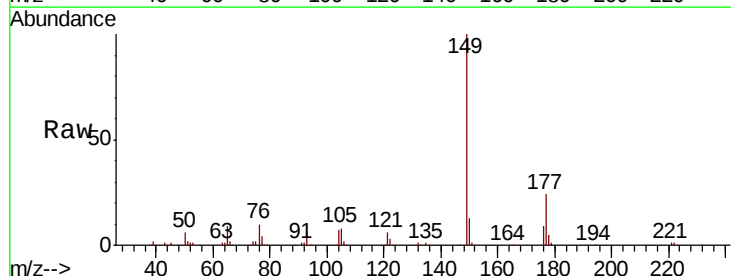


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

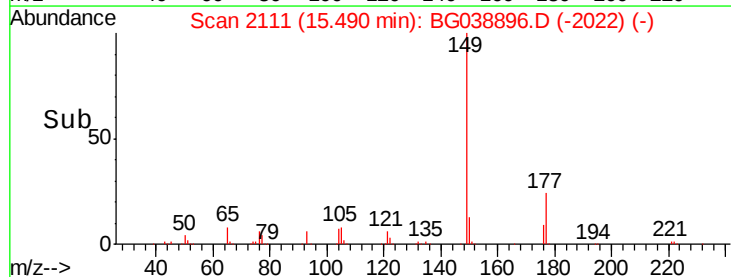
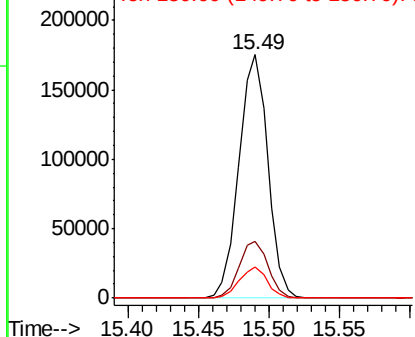


#60
Diethylphthalate
Concen: 42.533 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:149 Resp: 250232
Ion Ratio Lower Upper
149 100
177 23.5 17.7 26.5
150 12.5 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

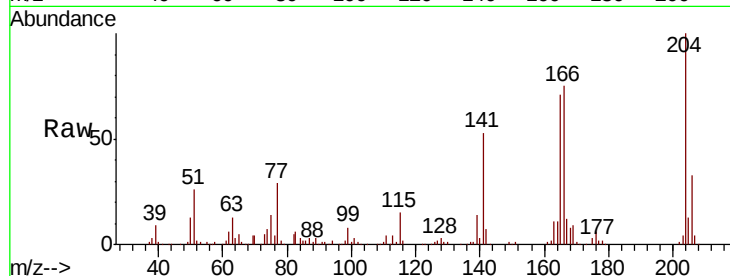




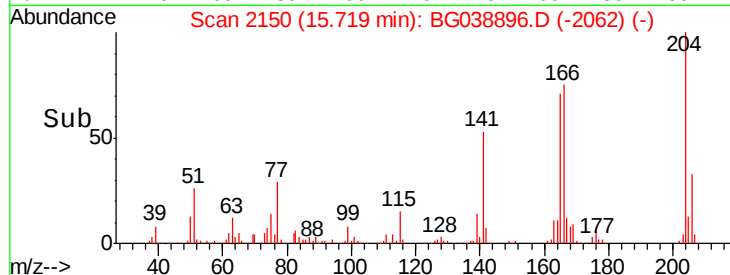
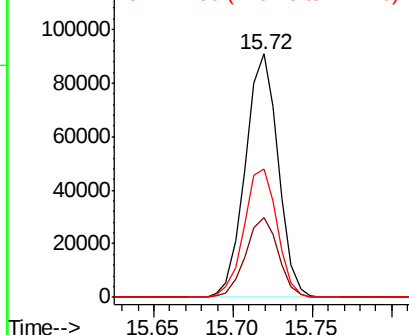
#61
4-Chlorophenyl-phenylether
Concen: 43.439 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:204 Resp: 130760
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 52.6 44.4 66.6

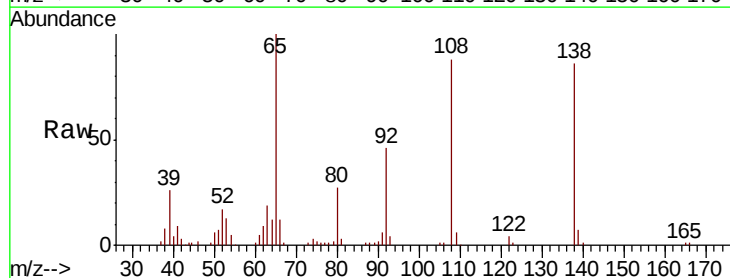


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

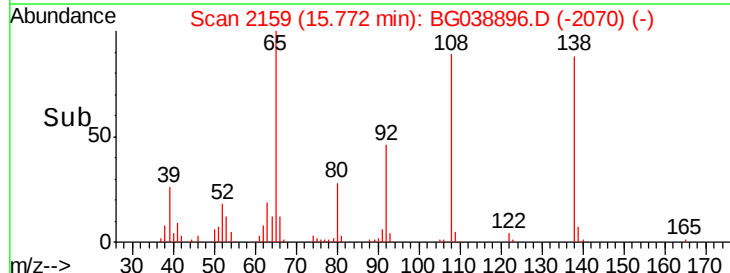
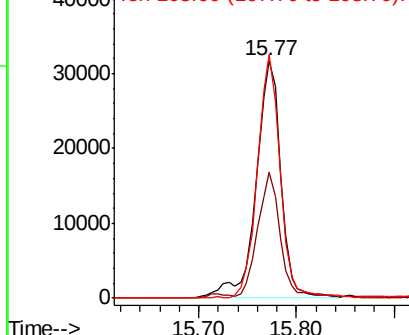


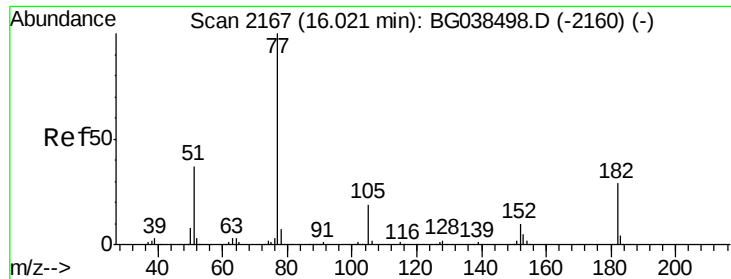
#62
4-Nitroaniline
Concen: 44.410 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:138 Resp: 56604
Ion Ratio Lower Upper
138 100
92 53.0 33.3 73.3
108 102.4 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

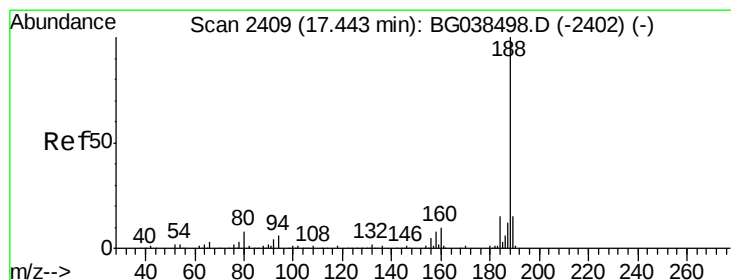
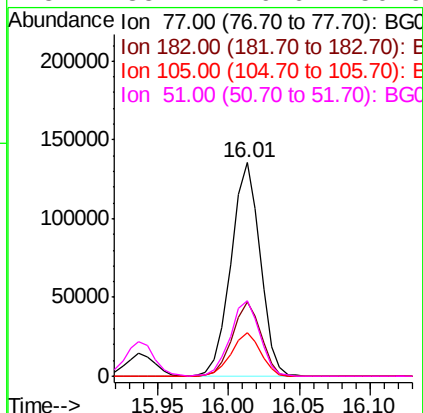
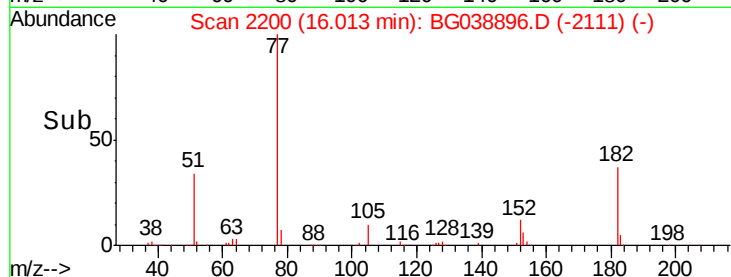
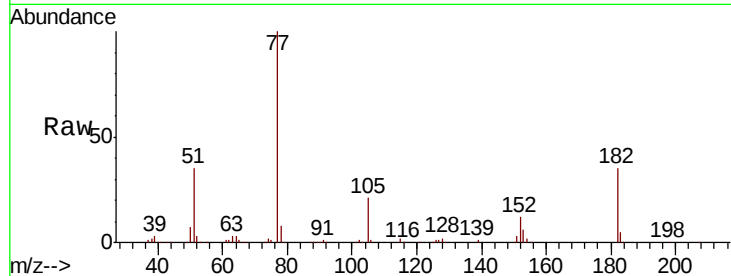




#63
Azobenzene
Concen: 39.814 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

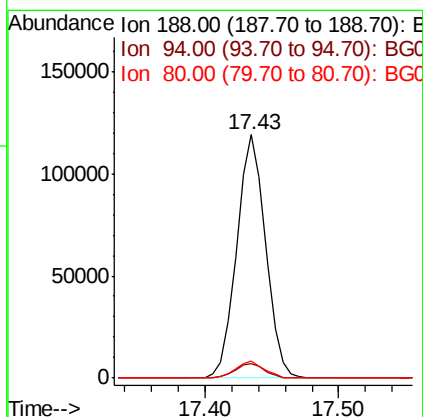
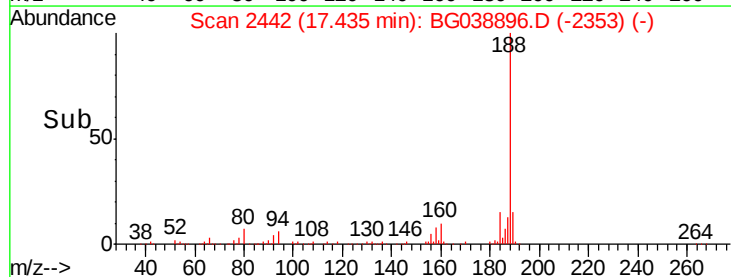
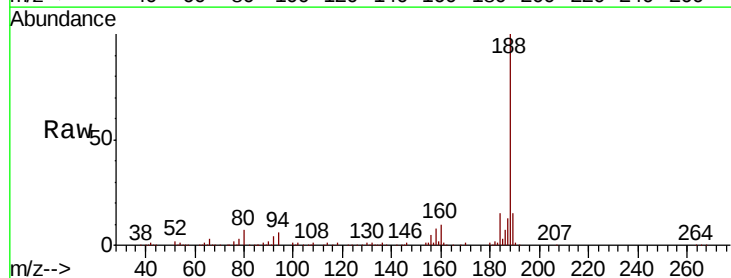
Instrument :
BNA_G
ClientSampleId :
PB116049BS

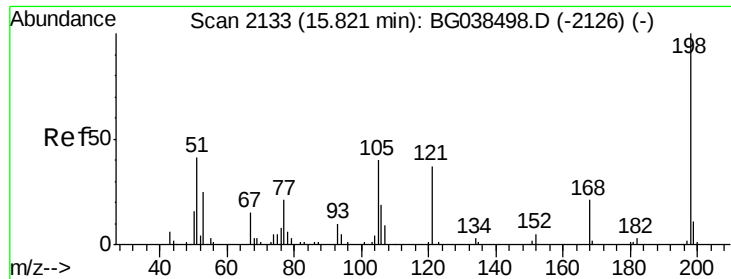
Tot Ion	Ratio	Lower	Upper
77	100		
182	34.7	8.7	48.7
105	20.6	0.0	38.7
51	35.4	16.6	56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.8	6.1	9.1

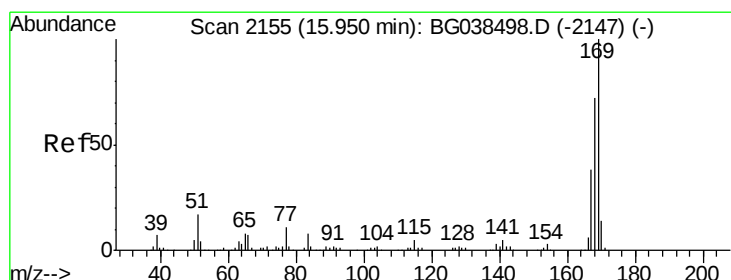
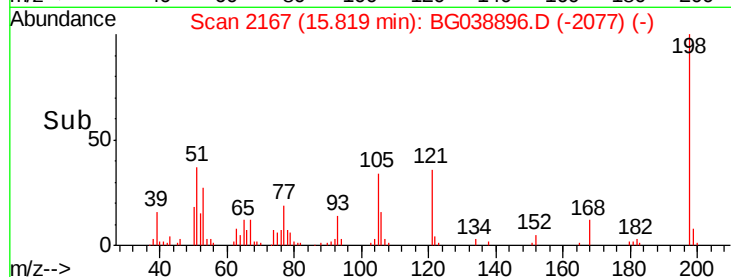
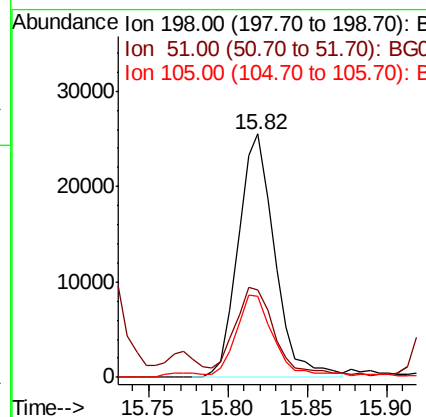
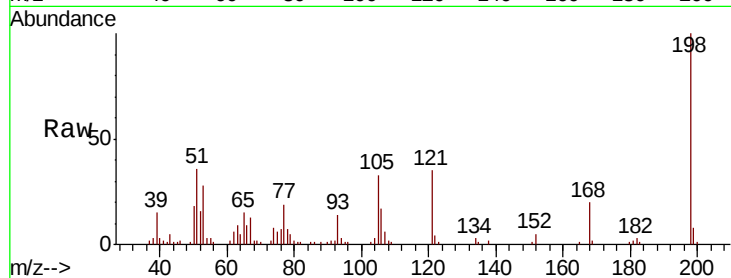




#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.996 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

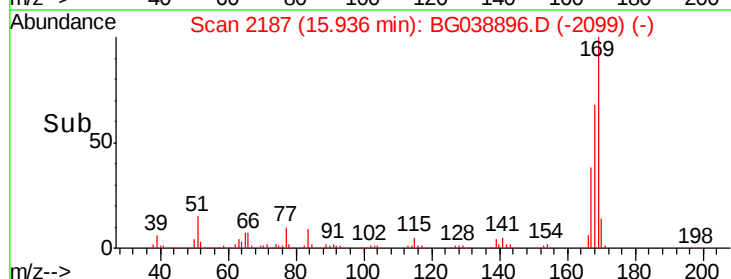
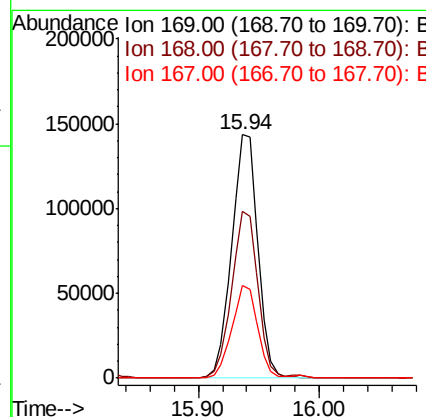
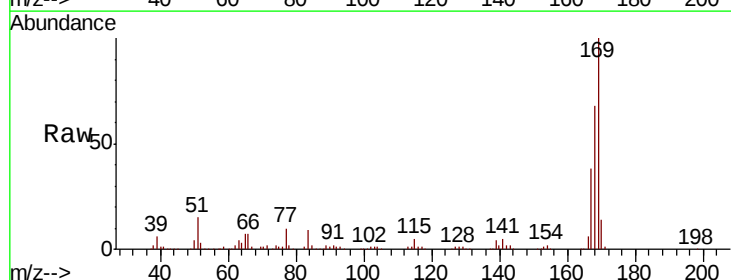
Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

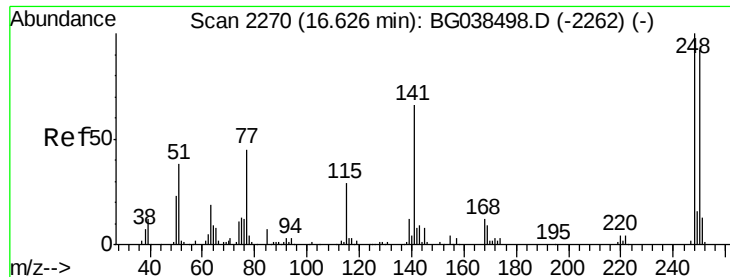
Tot Ion:198 Resp: 40732
 Ion Ratio Lower Upper
 198 100
 51 36.0 28.6 68.6
 105 33.5 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 41.153 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:169 Resp: 215788
 Ion Ratio Lower Upper
 169 100
 168 68.3 57.5 86.3
 167 37.8 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 42.113 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

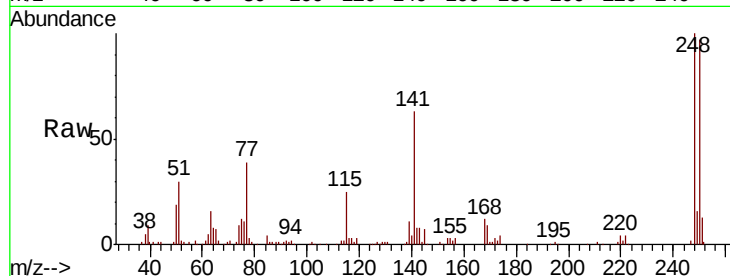
Tot Ion:248 Resp: 91786

Ion Ratio Lower Upper

248 100

250 96.5 73.4 110.2

141 62.9 52.9 79.3

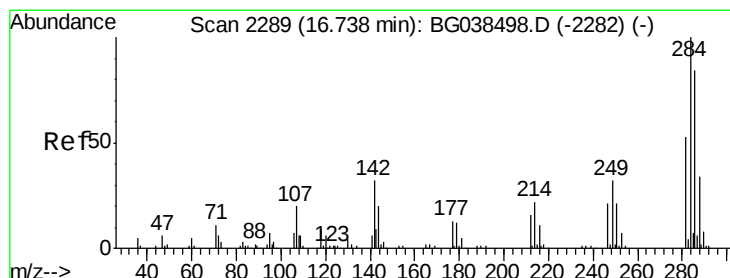
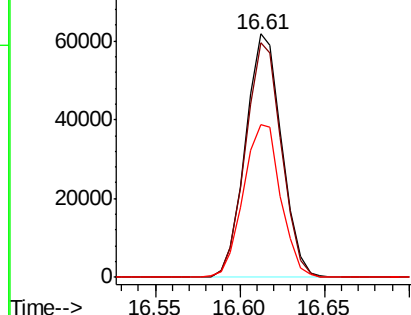
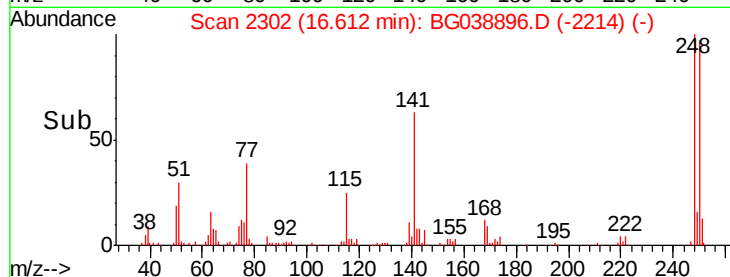


Abundance

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: 43.257 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

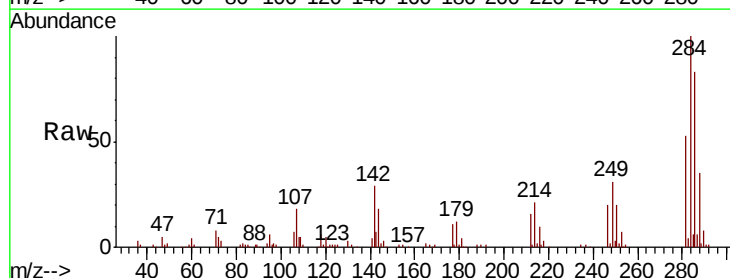
Tgt Ion:284 Resp: 97730

Ion Ratio Lower Upper

284 100

142 28.5 25.8 38.6

249 33.9 27.0 40.4

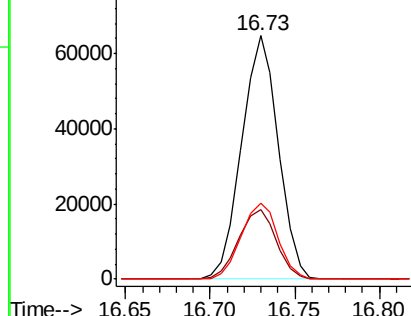
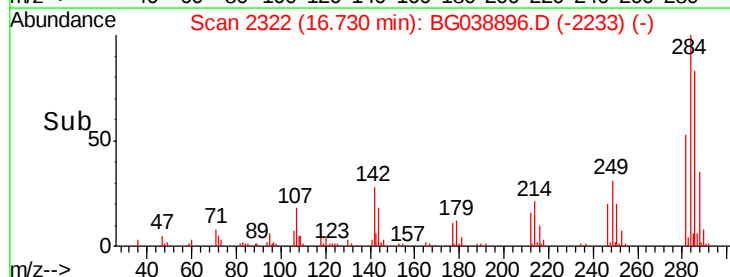


Abundance

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: 46.528 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

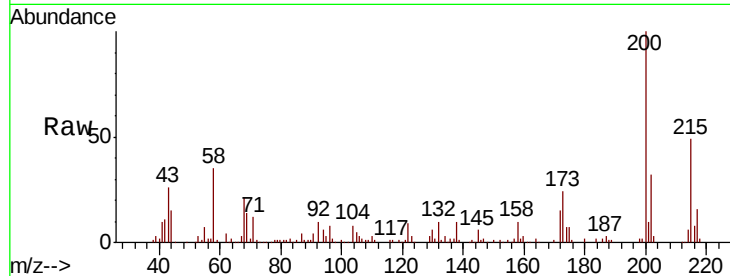
Tot Ion:200 Resp: 90541

Ion Ratio Lower Upper

200 100

173 23.7 5.9 45.9

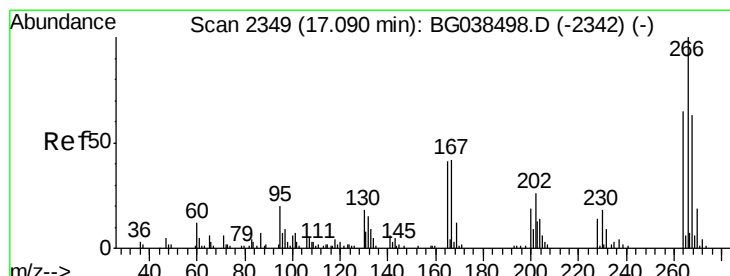
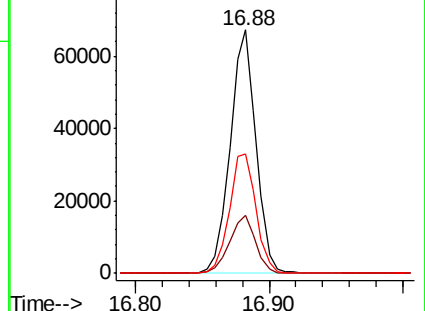
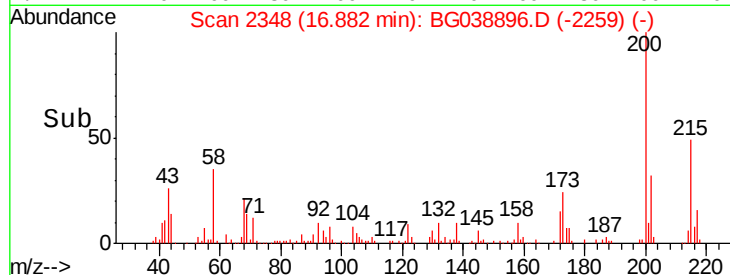
215 49.1 33.1 73.1



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: 59.779 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

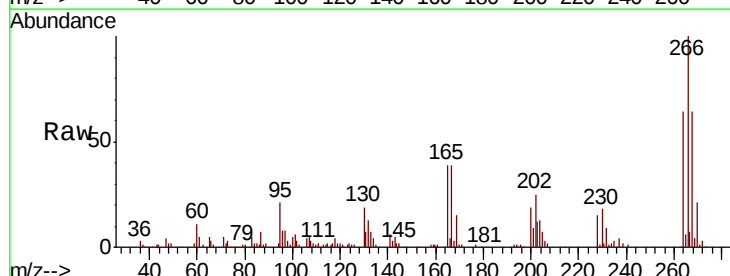
Tgt Ion:266 Resp: 79886

Ion Ratio Lower Upper

266 100

268 67.8 55.0 82.6

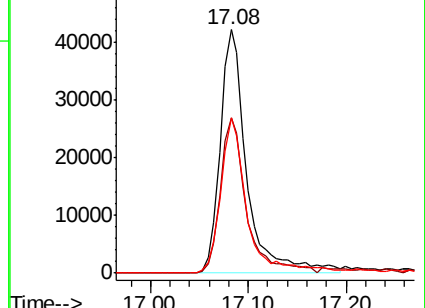
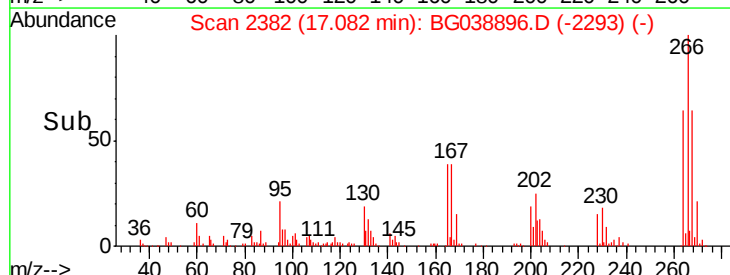
264 69.7 56.7 85.1

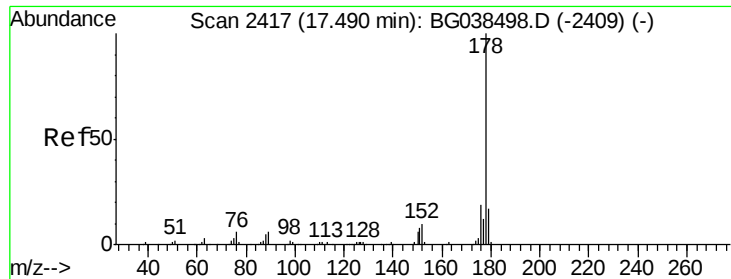


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

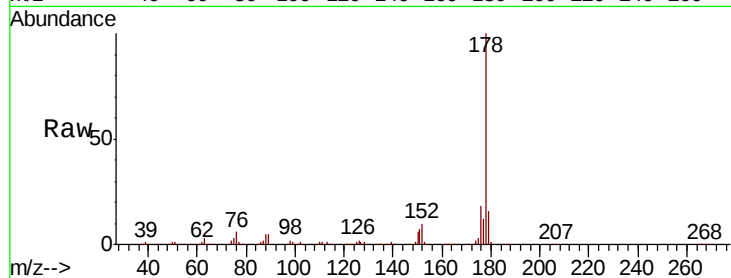




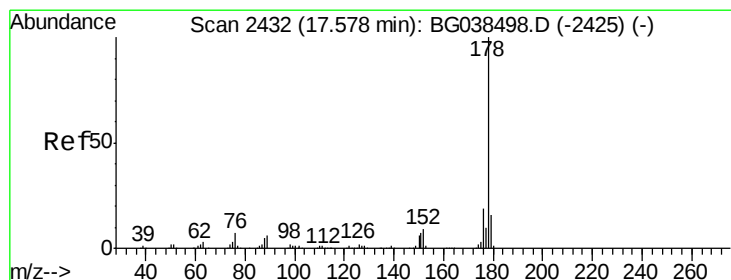
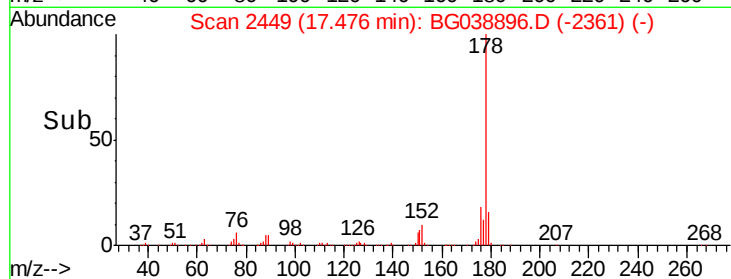
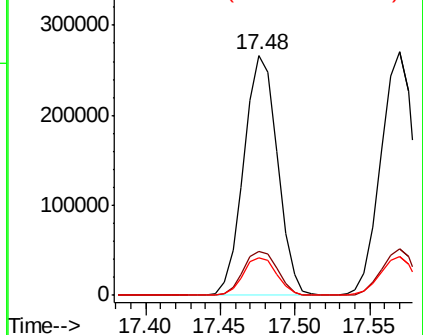
#71
Phenanthrene
Concen: 44.841 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion:178 Resp: 414971
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.7 13.2 19.8

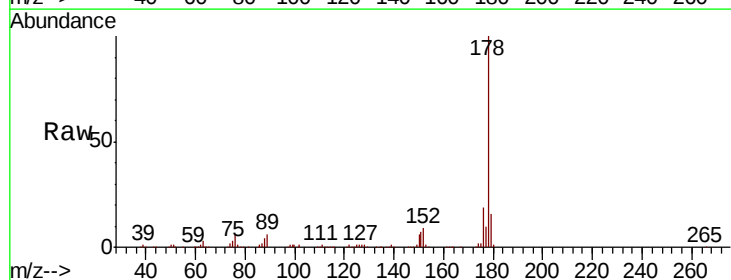


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

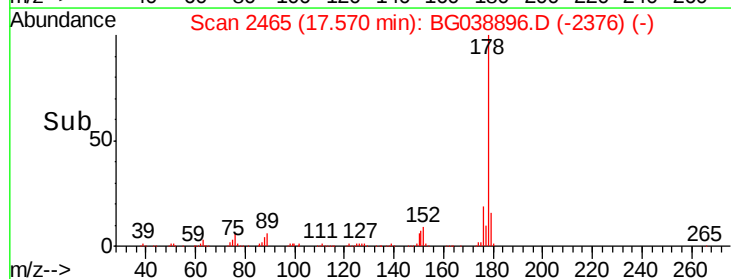
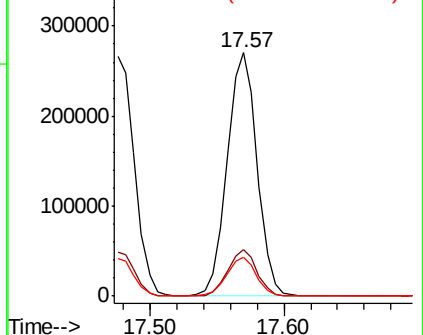


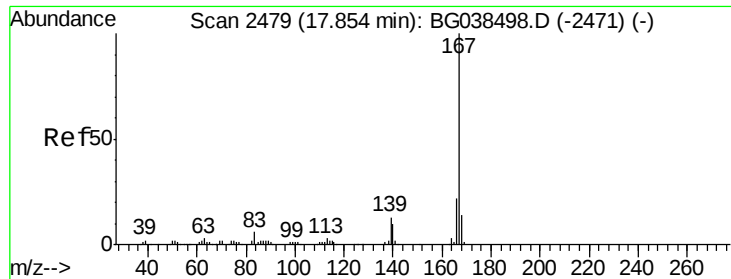
#72
Anthracene
Concen: 46.183 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:178 Resp: 421930
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.8 12.9 19.3



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

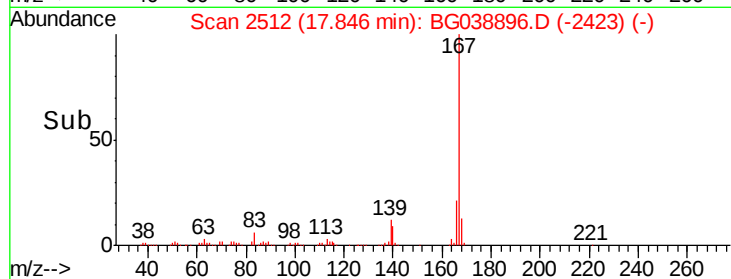
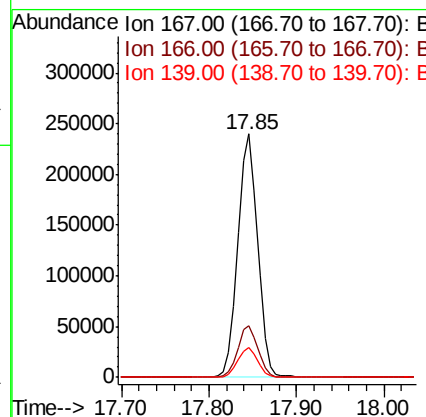
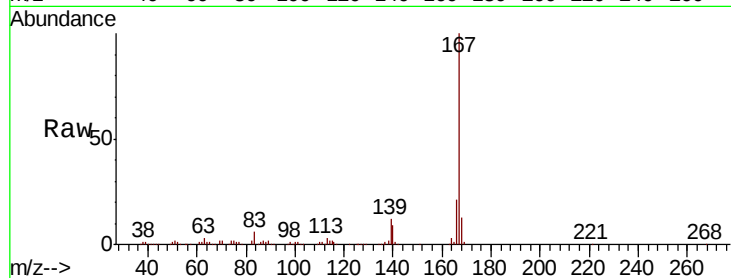




#73
 Carbazole
 Concen: 40.898 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

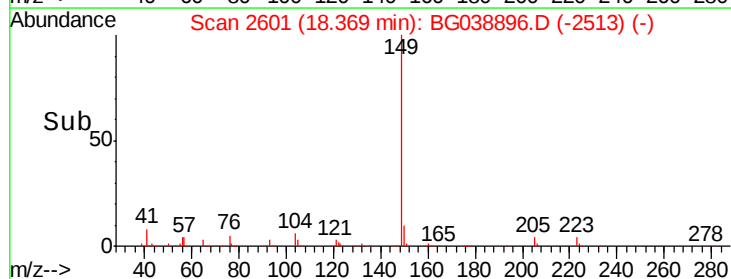
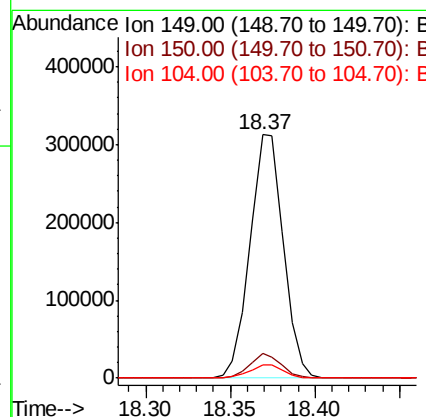
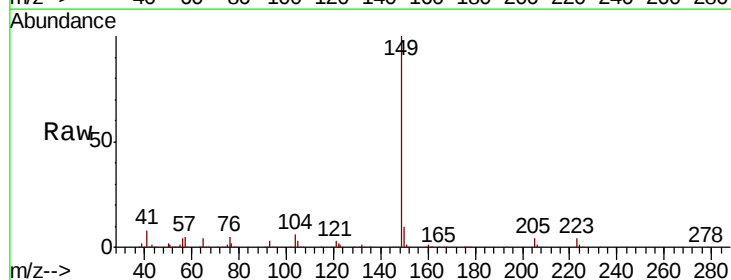
Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

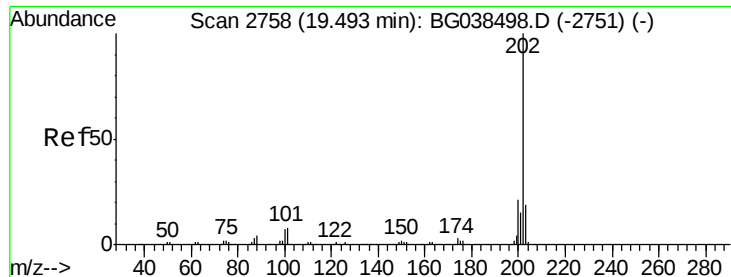
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.9	26.9
139	12.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.598 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 43.779 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

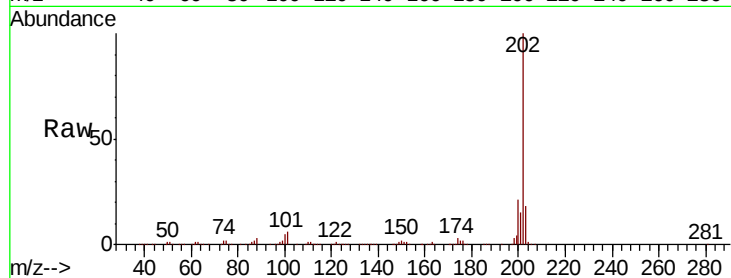
Tot Ion:202 Resp: 501277

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.1

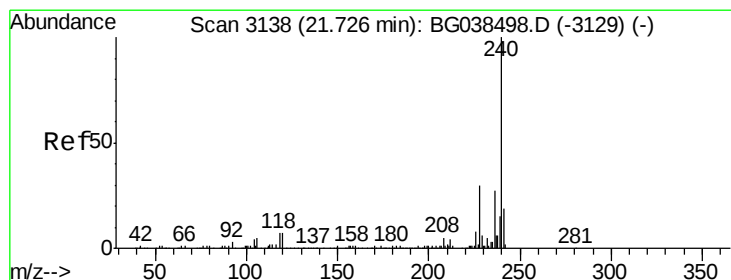
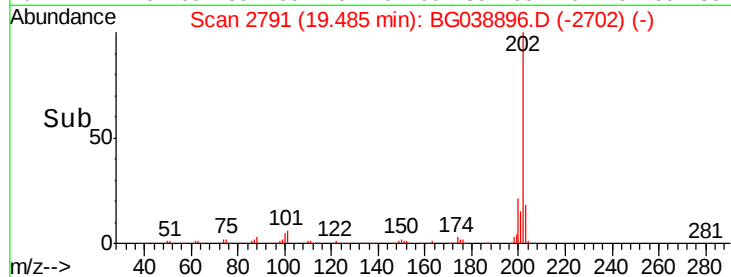
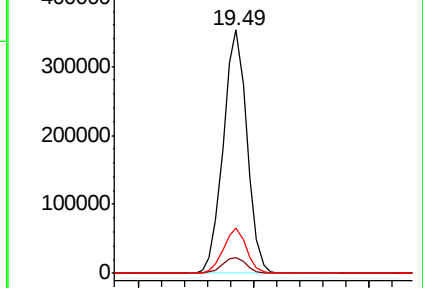
203 18.4 0.0 39.0



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

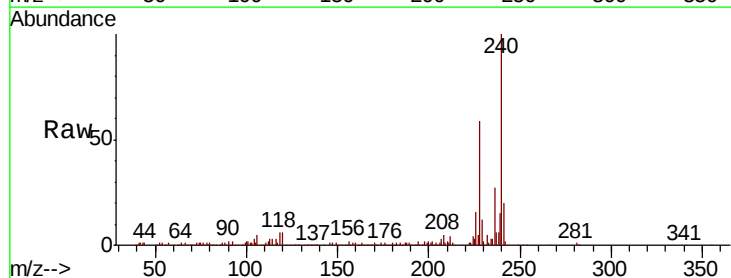
Tgt Ion:240 Resp: 176100

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

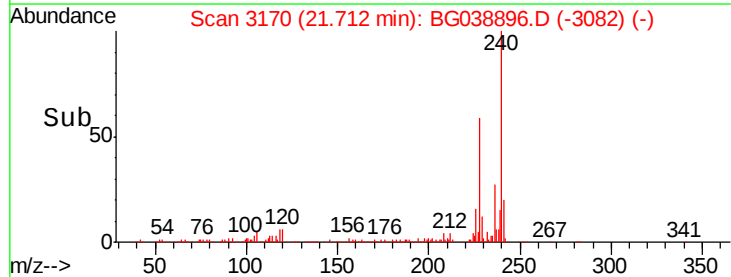
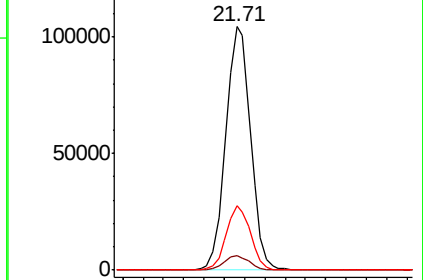
236 26.5 21.4 32.2

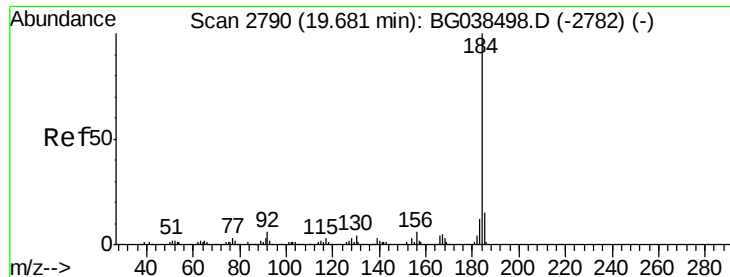


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.754 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

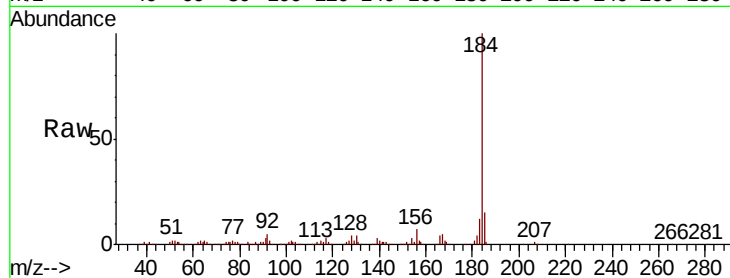
Tot Ion:184 Resp: 201832

Ion Ratio Lower Upper

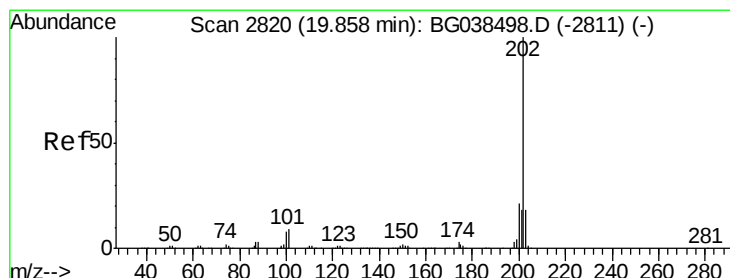
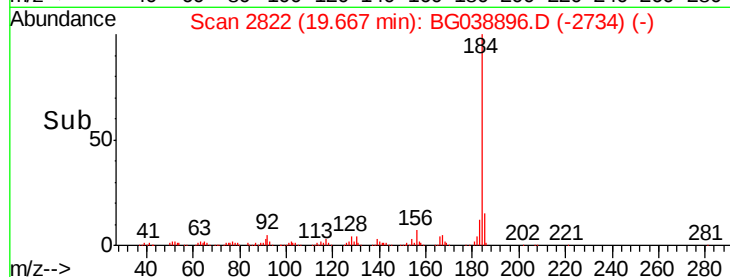
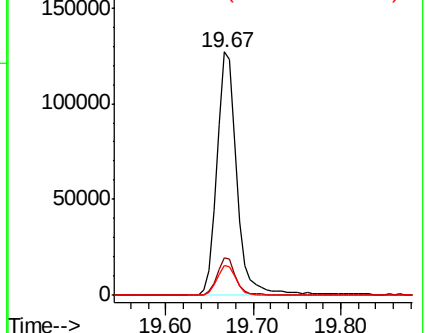
184 100

185 15.2 12.2 18.2

183 12.5 9.6 14.4



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: 43.383 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

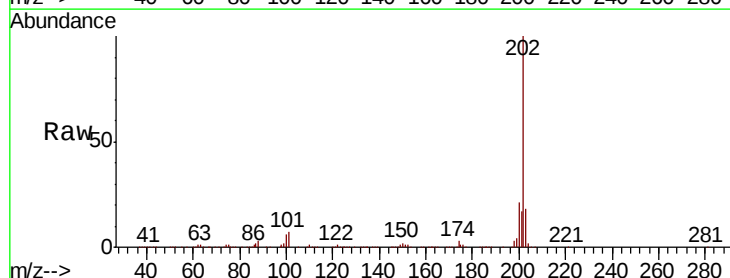
Tgt Ion:202 Resp: 504705

Ion Ratio Lower Upper

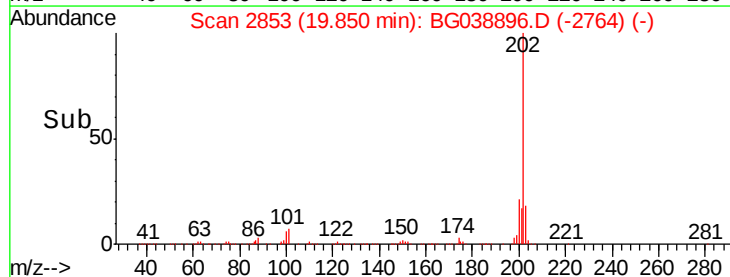
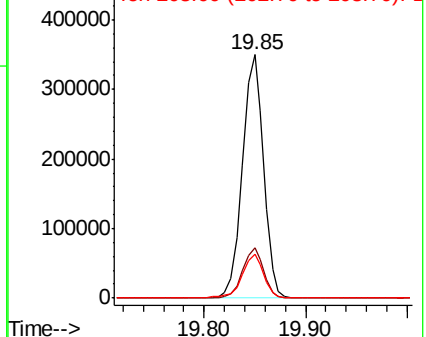
202 100

200 20.8 16.6 25.0

203 18.0 14.6 21.8



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: 85.082 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

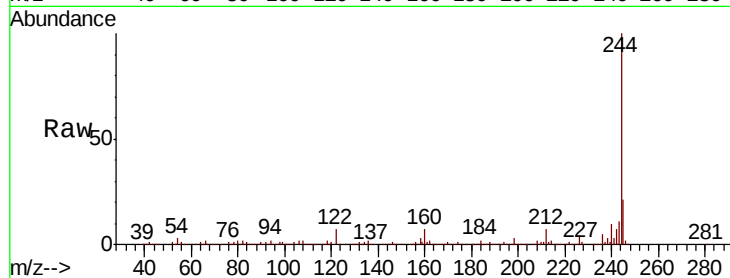
Tot Ion:244 Resp: 688453

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

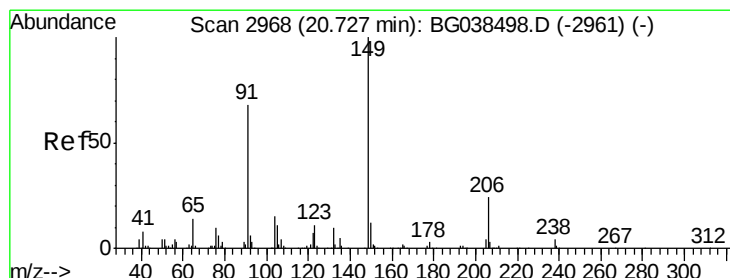
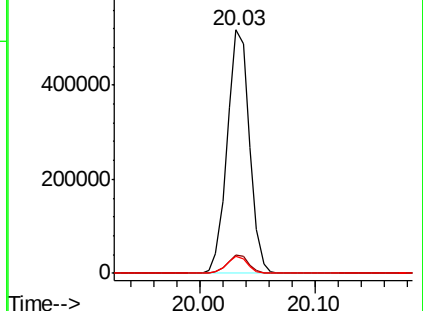
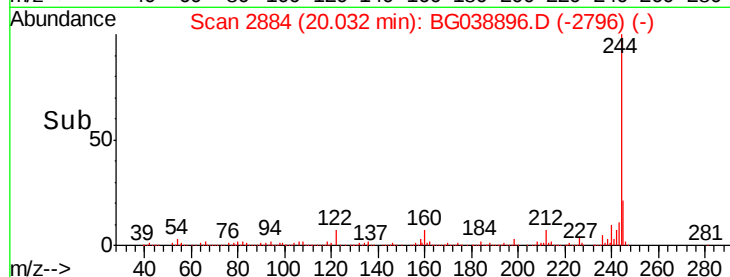
122 7.1 6.3 9.5



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: 41.602 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

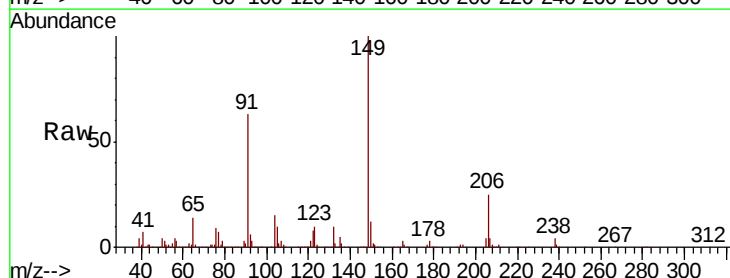
Tgt Ion:149 Resp: 189089

Ion Ratio Lower Upper

149 100

91 63.3 54.5 81.7

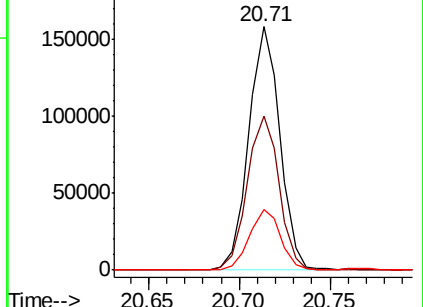
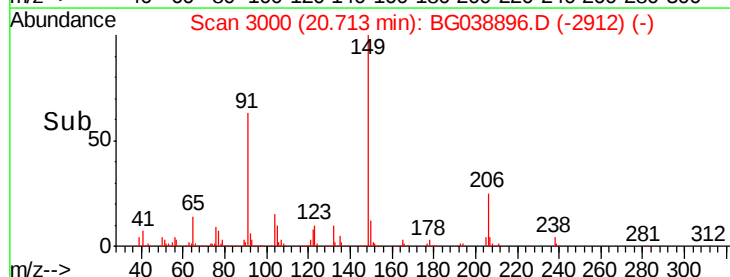
206 25.1 19.0 28.6

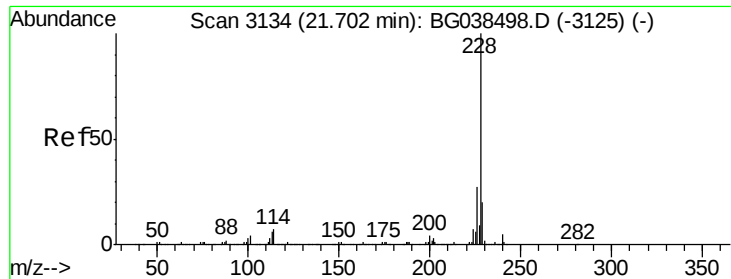


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

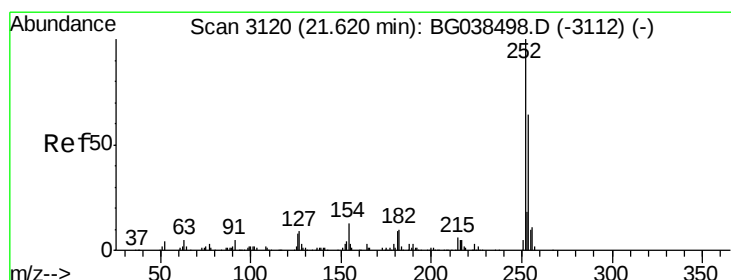
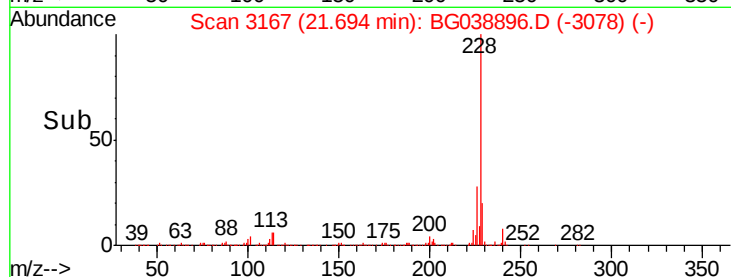
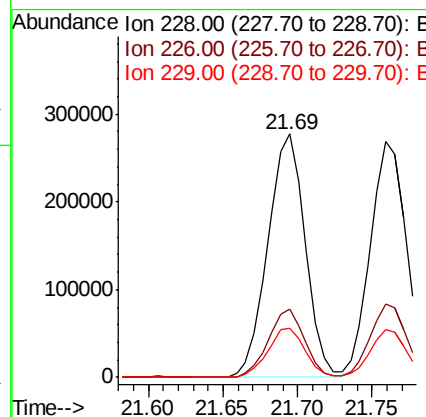
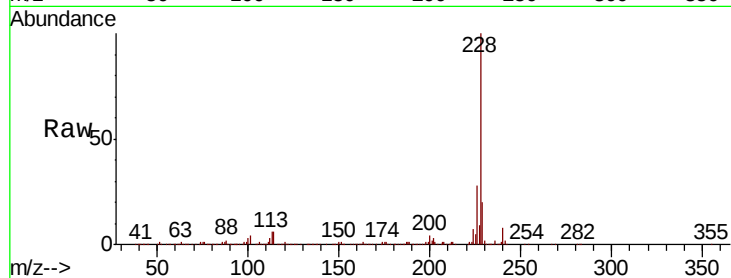




#81
Benzo(a)anthracene
Concen: 45.017 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

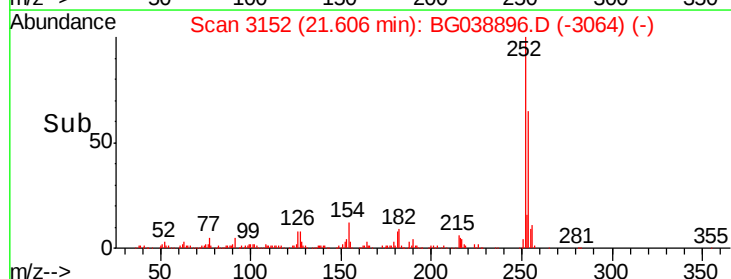
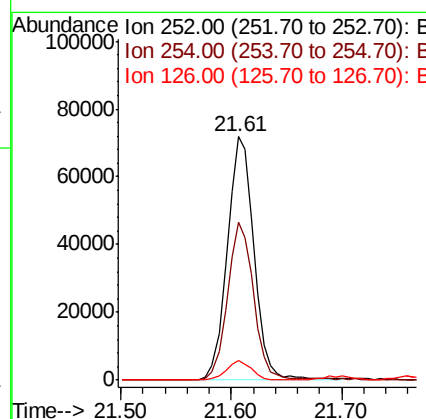
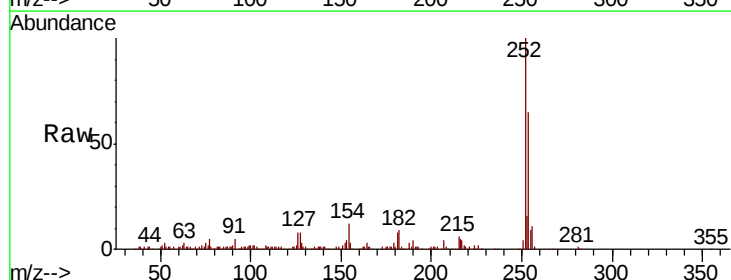
Instrument :
BNA_G
ClientSampleId :
PB116049BS

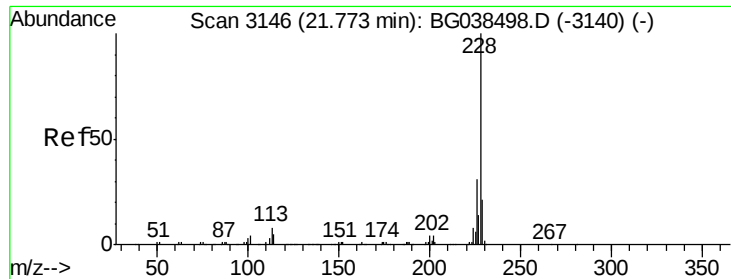
Tot Ion:228 Resp: 483061
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 20.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.607 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:252 Resp: 121745
Ion Ratio Lower Upper
252 100
254 65.0 50.9 76.3
126 7.9 6.3 9.5

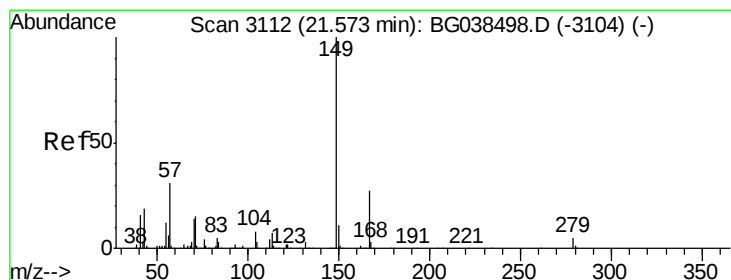
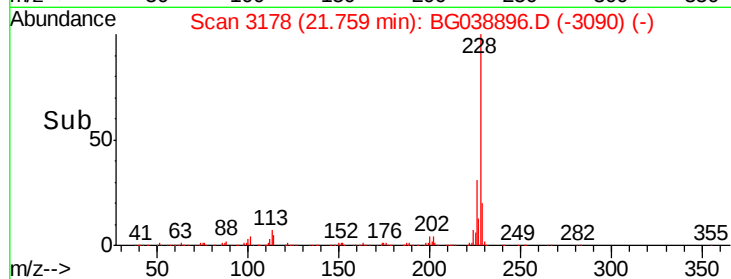
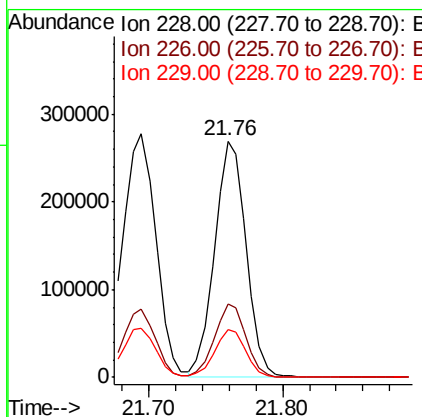
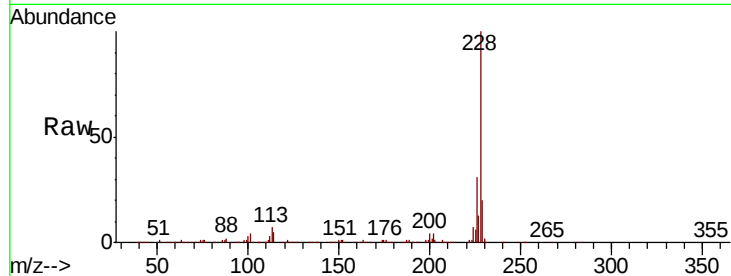




#83
 Chrysene
 Concen: 43.089 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

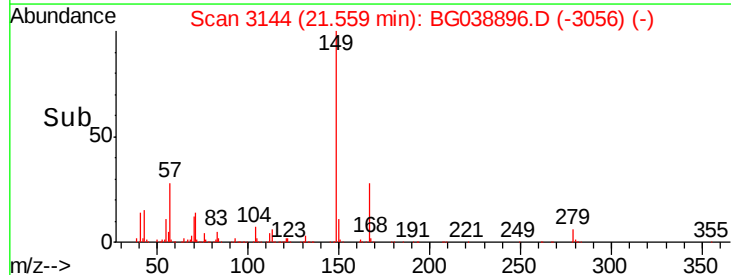
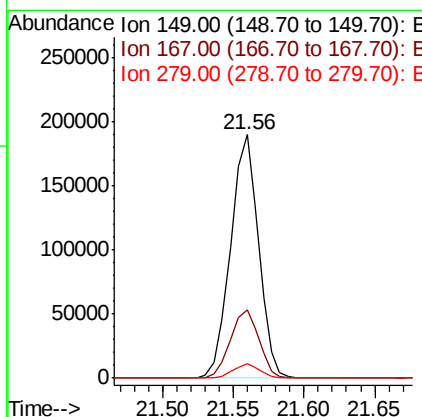
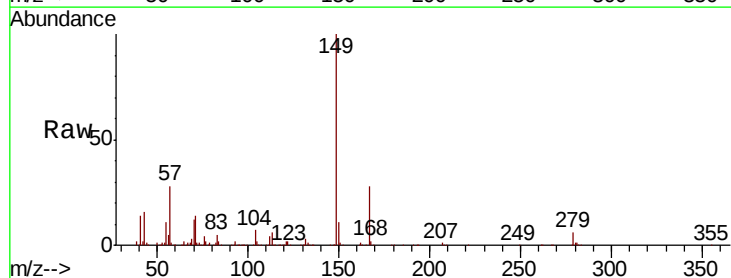
Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

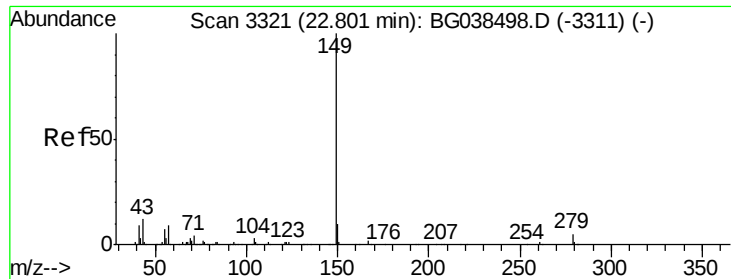
Tot Ion:228 Resp: 445351
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.4
 229 20.0 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.701 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038896.D
 Acq: 2 Jan 2019 17:38

Tgt Ion:149 Resp: 262366
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.9 32.9
 279 5.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 41.453 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

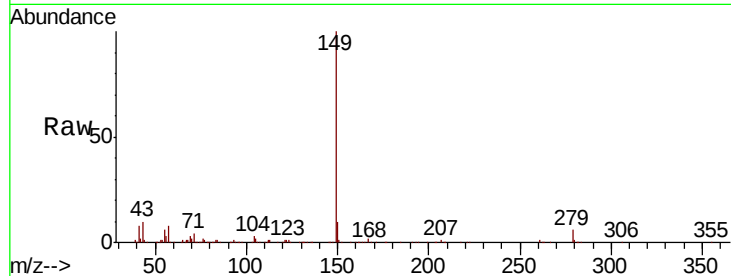
Tot Ion:149 Resp: 447515

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

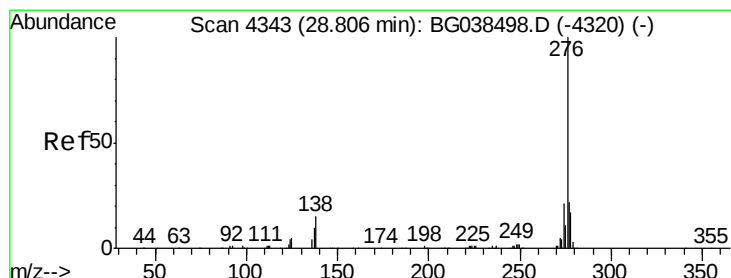
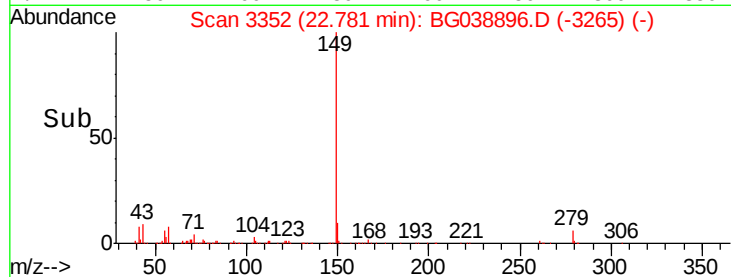
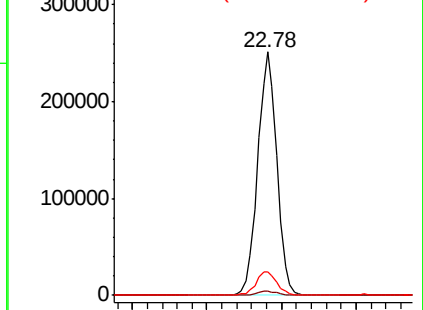
43 10.0 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.587 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.03 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

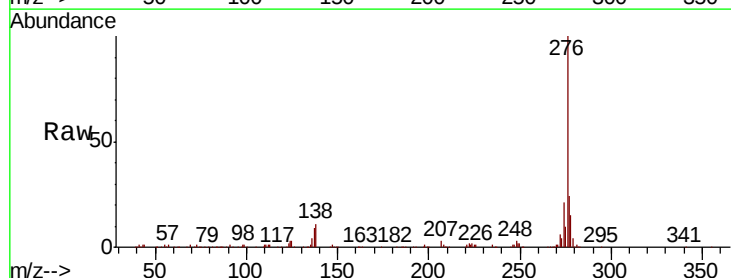
Tgt Ion:276 Resp: 541792

Ion Ratio Lower Upper

276 100

138 14.8 14.4 21.6

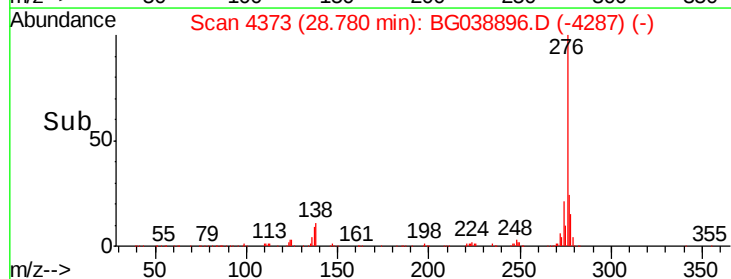
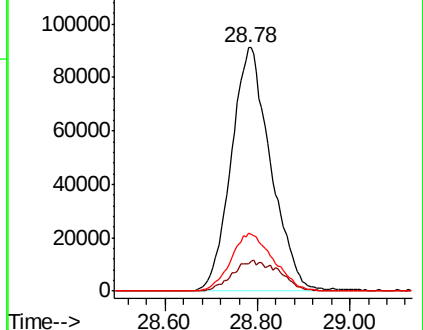
277 25.4 0.0 0.0#

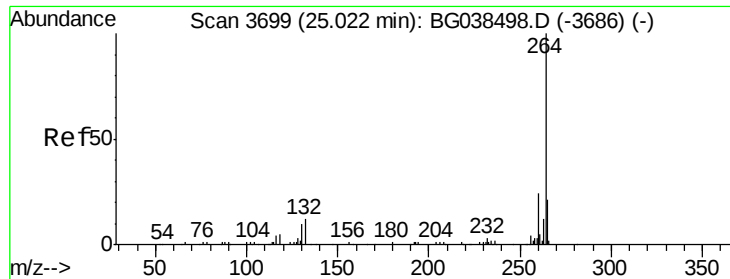


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

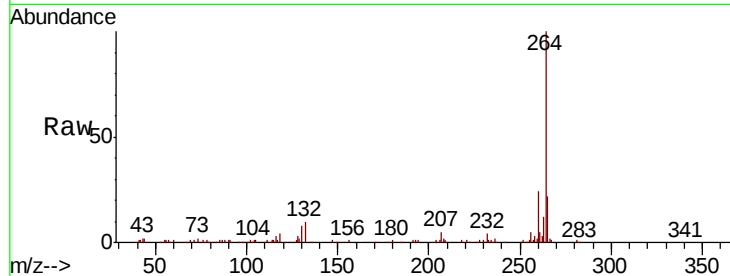
BNA_G

ClientSampleId :

PB116049BS

Tot Ion:264 Resp: 184907

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.5	17.0	25.4

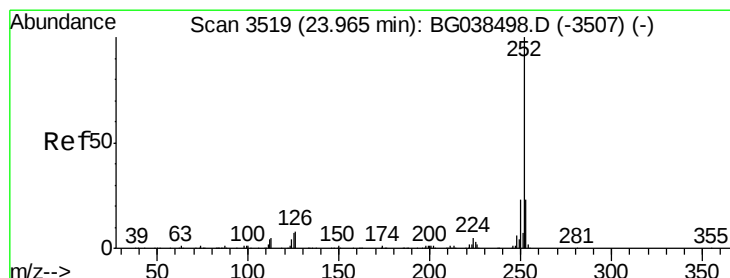
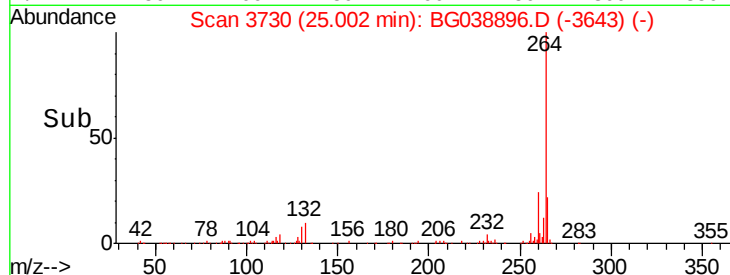
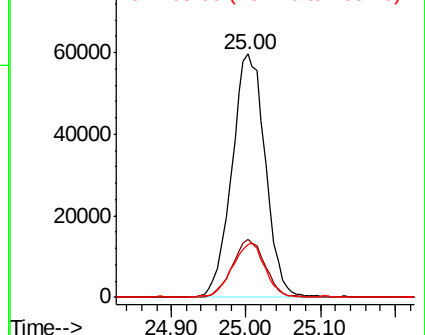


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.121 ng

RT: 23.95 min Scan# 3551

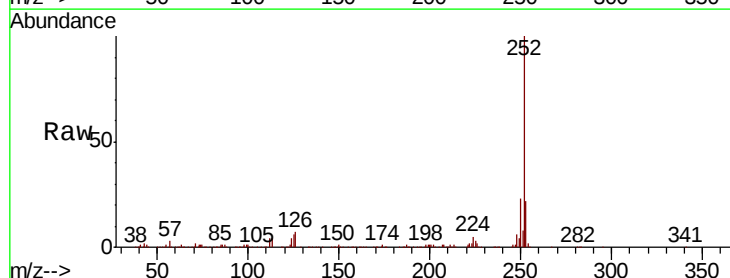
Delta R.T. -0.01 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Tgt Ion:252 Resp: 478380

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	5.8	5.5	8.3

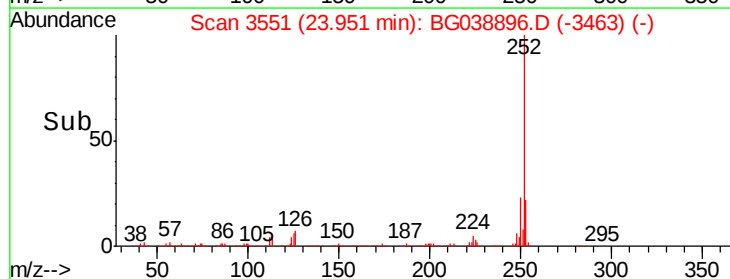
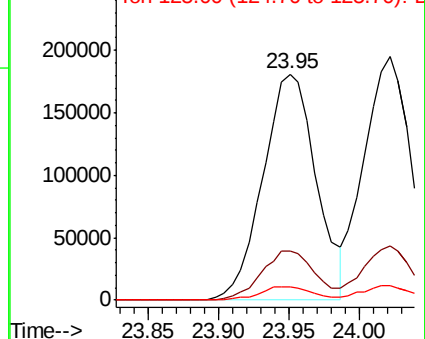


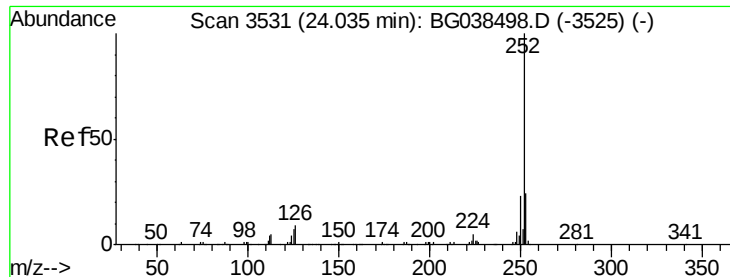
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

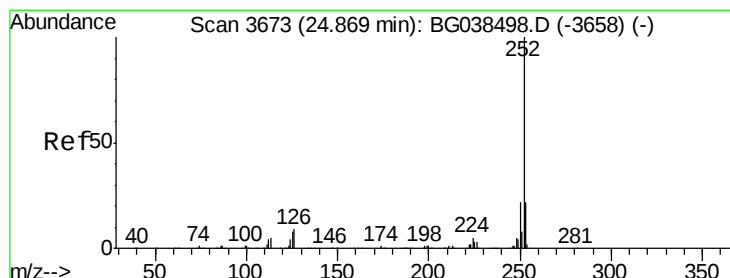
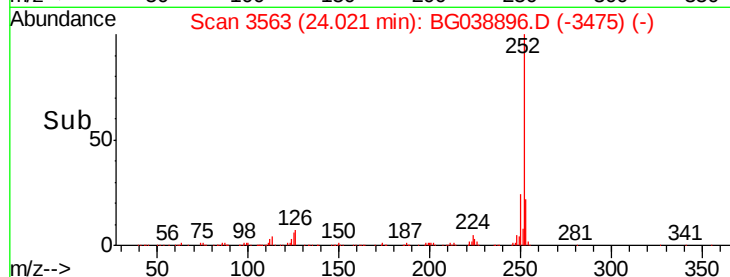
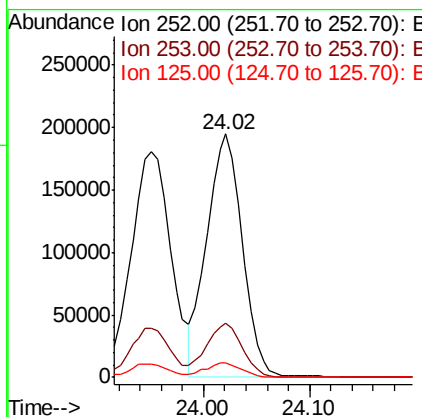
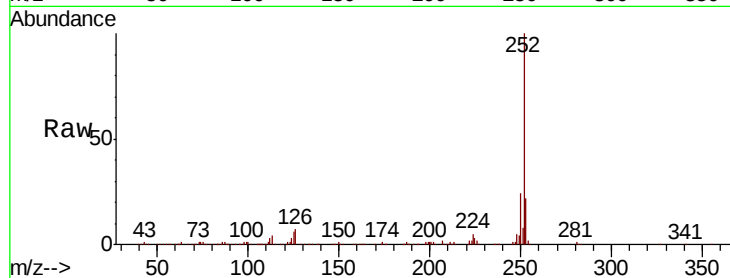




#89
Benzo(k)fluoranthene
Concen: 45.152 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

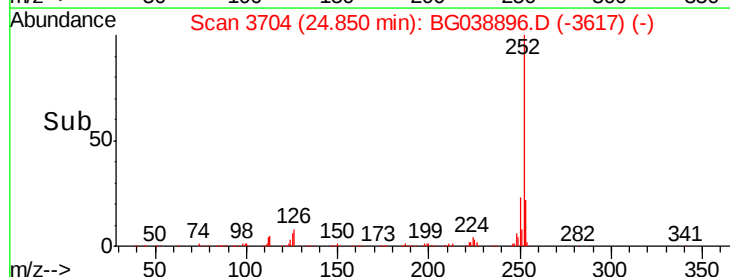
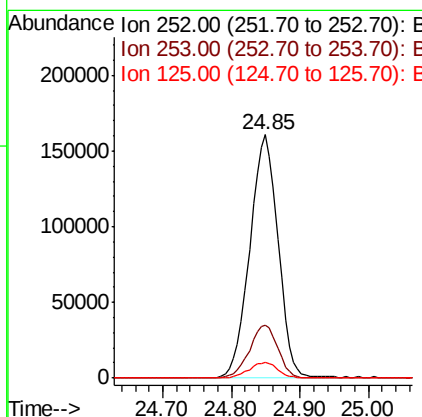
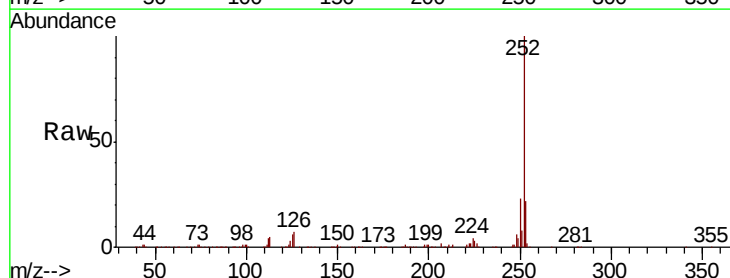
Instrument :
BNA_G
ClientSampleId :
PB116049BS

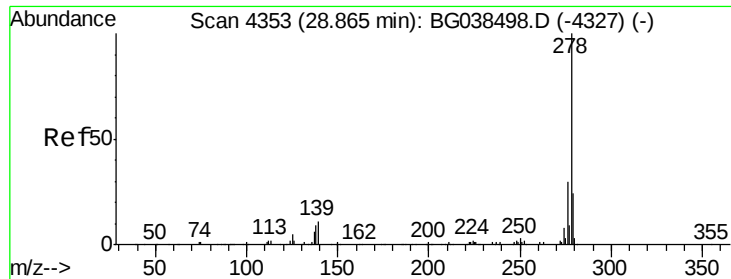
Tot Ion:252 Resp: 456458
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 6.1 5.4 8.2



#90
Benzo(a)pyrene
Concen: 47.133 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038896.D
Acq: 2 Jan 2019 17:38

Tgt Ion:252 Resp: 461632
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 6.3 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 46.069 ng

RT: 28.84 min Scan# 4384

Delta R.T. -0.02 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB116049BS

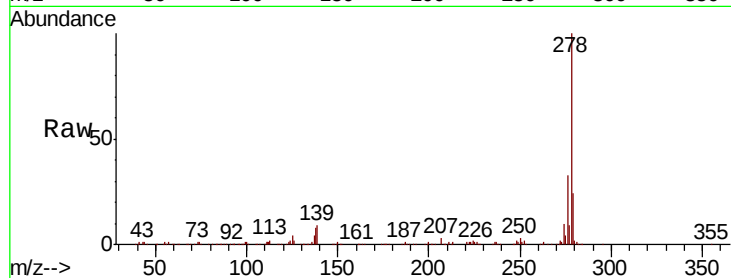
Tot Ion:278 Resp: 449255

Ion Ratio Lower Upper

278 100

139 8.6 8.6 12.8

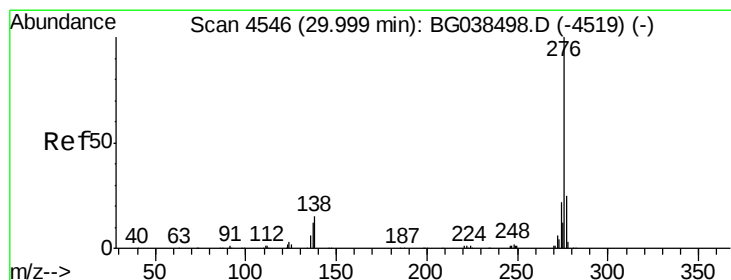
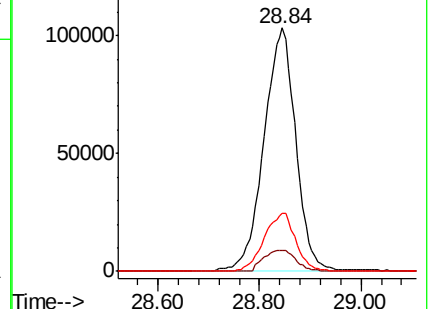
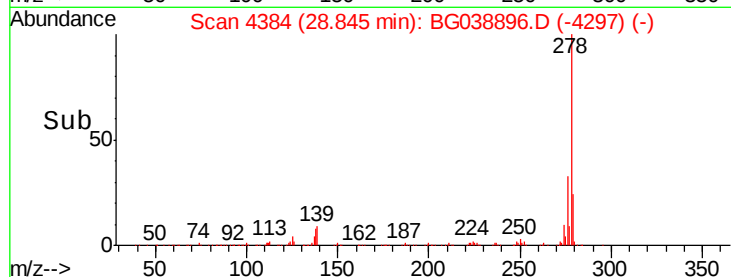
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.914 ng

RT: 29.97 min Scan# 4576

Delta R.T. -0.03 min

Lab File: BG038896.D

Acq: 2 Jan 2019 17:38

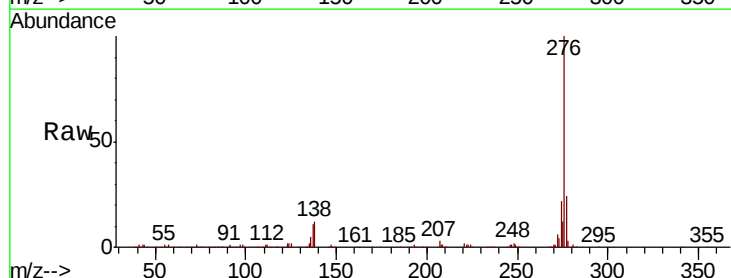
Tgt Ion:276 Resp: 450861

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 12.1 11.8 17.6



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

