

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038302.D
 Acq On : 2 Dec 2018 00:45
 Operator : JU/SJ
 Sample : PB115183BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Quant Time: Dec 03 01:11:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24624	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	106663	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	70242	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	175316	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	167506	20.00	ng	-0.01
87) Perylene-d12	25.06	264	176104	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	142396	99.84	ng	-0.01
7) Phenol-d6	7.22	99	195964	96.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	179285	89.98	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	82109	102.50	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	417426	86.58	ng	-0.01
79) Terphenyl-d14	20.06	244	707574	99.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	22577	33.515	ng	# 90
3) Pyridine	3.91	79	64581	33.607	ng	92
4) n-Nitrosodimethylamine	3.83	42	36463	52.302	ng	82
6) Aniline	7.40	93	45990	17.503	ng	98
8) 2-Chlorophenol	7.64	128	75572	45.667	ng	94
9) Benzaldehyde	7.22	77	44381	30.145	ng	99
10) Phenol	7.25	94	100294	46.511	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	69566	39.517	ng	99
12) 1,3-Dichlorobenzene	7.96	146	75158	39.424	ng	96
13) 1,4-Dichlorobenzene	8.11	146	76567	39.759	ng	97
14) 1,2-Dichlorobenzene	8.43	146	73475	39.962	ng	95
15) Benzyl Alcohol	8.32	79	69673	47.297	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	154839	47.367	ng	96
17) 2-Methylphenol	8.51	107	66917	45.900	ng	95
18) Hexachloroethane	9.16	117	29068	41.474	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	59062	40.095	ng	93
20) 3+4-Methylphenols	8.84	107	91612	44.328	ng	93
22) Acetophenone	8.90	105	111415	41.983	ng	# 95
24) Nitrobenzene	9.30	77	87332	42.845	ng	97
25) Isophorone	9.81	82	167251	46.634	ng	99
26) 2-Nitrophenol	10.00	139	41989	41.263	ng	90
27) 2,4-Dimethylphenol	10.05	122	78852	51.431	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	98541	42.968	ng	96
29) 2,4-Dichlorophenol	10.54	162	79476	46.086	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	78186	40.459	ng	98
31) Naphthalene	10.95	128	229352	43.718	ng	99
32) Benzoic acid	10.18	122	38579	41.371	ng	96
33) 4-Chloroaniline	11.07	127	25075	10.275	ng	95
34) Hexachlorobutadiene	11.21	225	48905	41.119	ng	98
35) Caprolactam	11.84	113	19952	28.905	ng	# 81
36) 4-Chloro-3-methylphenol	12.17	107	90511	48.041	ng	94
37) 2-Methylnaphthalene	12.54	142	172419	45.754	ng	97
38) 1-Methylnaphthalene	12.76	142	167366	46.140	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	89786	38.253	ng	97

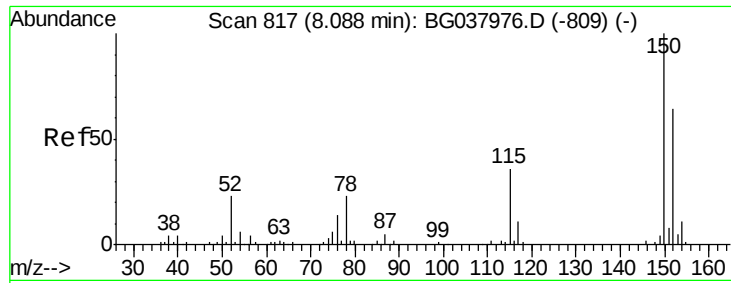
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
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 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	119122	94.778	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	68437	42.788	nq	96
44) 2,4,5-Trichlorophenol	13.22	196	74577	44.314	nq	97
46) 1,1'-Biphenyl	13.55	154	226659	38.410	nq	99
47) 2-Chloronaphthalene	13.59	162	182460	40.519	nq	98
48) 2-Nitroaniline	13.80	65	66325	46.799	nq	96
49) Acenaphthylene	14.44	152	304234	44.928	nq	99
50) Dimethylphthalate	14.16	163	249983	44.891	nq	100
51) 2,6-Dinitrotoluene	14.29	165	56388	44.741	nq	94
52) Acenaphthene	14.78	154	172906	42.414	nq	99
53) 3-Nitroaniline	14.63	138	18808	13.524	nq	92
54) 2,4-Dinitrophenol	14.83	184	64625	93.267	nq	88
55) Dibenzofuran	15.12	168	284880	42.261	nq	98
56) 4-Nitrophenol	14.93	139	97853	91.230	nq	86
57) 2,4-Dinitrotoluene	15.08	165	81760	47.679	nq	# 95
58) Fluorene	15.76	166	235354	46.794	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	69345	49.243	nq	96
60) Diethylphthalate	15.51	149	266885	45.122	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	125053	42.492	nq	97
62) 4-Nitroaniline	15.79	138	58382	42.258	nq	89
63) Azobenzene	16.04	77	239166	45.225	nq	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	47887	43.185	nq	94
66) n-Nitrosodiphenylamine	15.96	169	212666	40.097	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	79700	41.419	nq	97
68) Hexachlorobenzene	16.75	284	81584	41.075	nq	99
69) Atrazine	16.91	200	86021	43.997	nq	98
70) Pentachlorophenol	17.10	266	101513	75.253	nq	97
71) Phenanthrene	17.51	178	402540	44.847	nq	100
72) Anthracene	17.59	178	409932	46.331	nq	100
73) Carbazole	17.87	167	377423	42.517	nq	98
74) Di-n-butylphthalate	18.40	149	469445	47.110	nq	98
75) Fluoranthene	19.51	202	498862	48.713	nq	99
77) Benzidine	19.69	184	117489	19.989	nq	99
78) Pyrene	19.87	202	493907	45.099	nq	98
80) Butylbenzylphthalate	20.74	149	212719	44.415	nq	97
81) Benzo(a)anthracene	21.72	228	468890	46.321	nq	100
82) 3,3'-Dichlorobenzidine	21.64	252	68628	17.405	nq	99
83) Chrysene	21.79	228	427703	44.161	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	293119	42.916	nq	97
85) Di-n-octyl phthalate	22.83	149	501270	45.365	nq	97
86) Indeno(1,2,3-cd)pyrene	28.86	276	509862	47.400	nq	# 93
88) Benzo(b)fluoranthene	24.00	252	458930	47.356	nq	99
89) Benzo(k)fluoranthene	24.06	252	434661	45.454	nq	99
90) Benzo(a)pyrene	24.90	252	435489	47.021	nq	98
91) Dibenzo(a,h)anthracene	28.93	278	421040	47.248	nq	97
92) Benzo(g,h,i)perylene	30.06	276	420003	47.401	nq	96

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

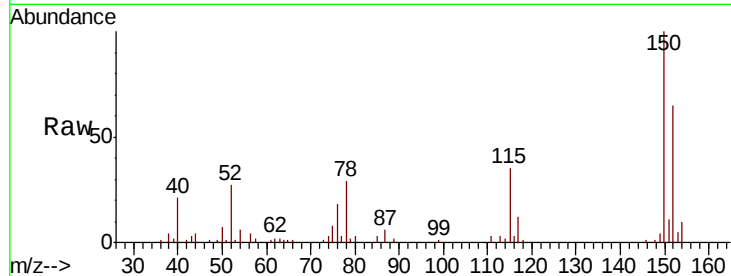


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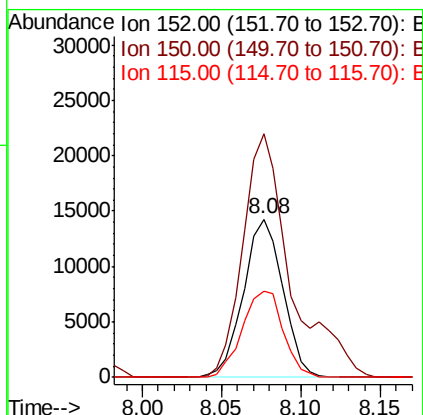
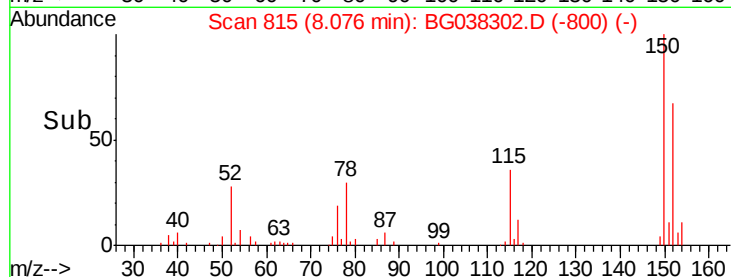
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:152 Resp: 24624
Ion Ratio Lower Upper
152 100
150 153.7 126.0 189.0
115 54.1 45.5 68.3



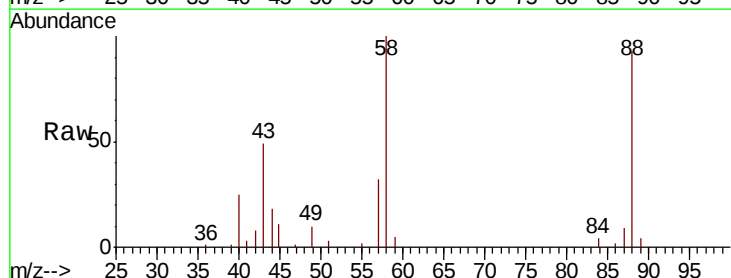
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



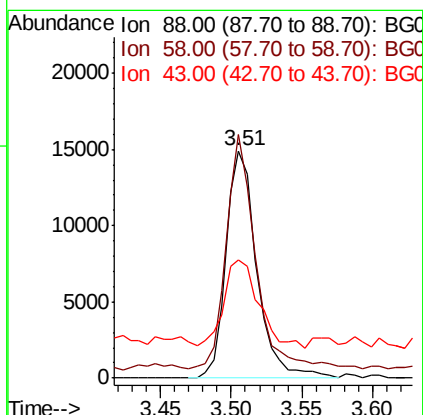
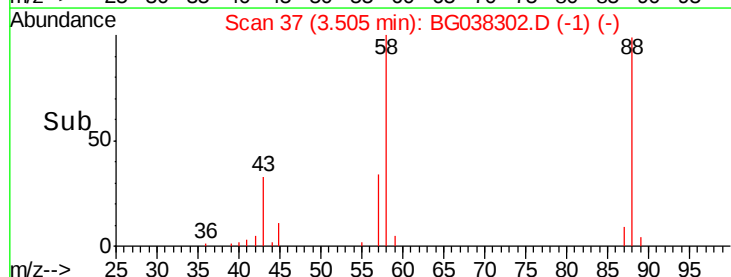
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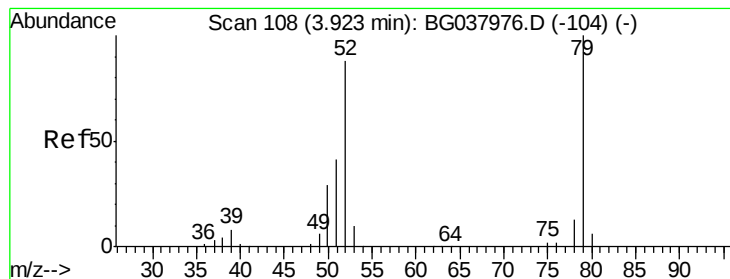
1,4-Dioxane
Concen: 33.515 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion: 88 Resp: 22577
Ion Ratio Lower Upper
88 100
58 98.4 74.4 111.6
43 44.4 25.8 38.8#



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





#3

Pvridine

Concen: 33.607 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

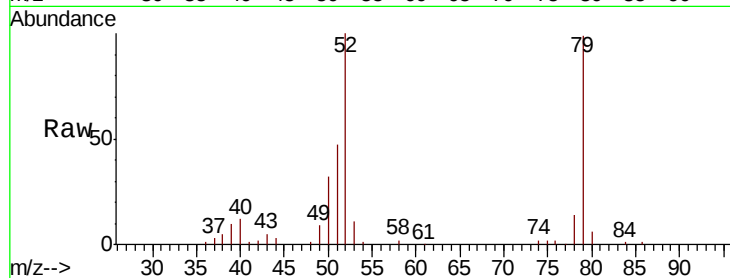
Tot Ion: 79 Resp: 64581

Ion Ratio Lower Upper

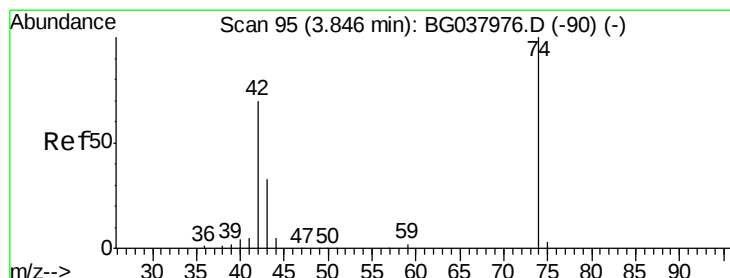
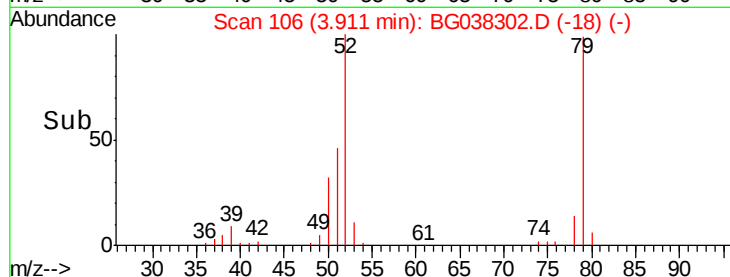
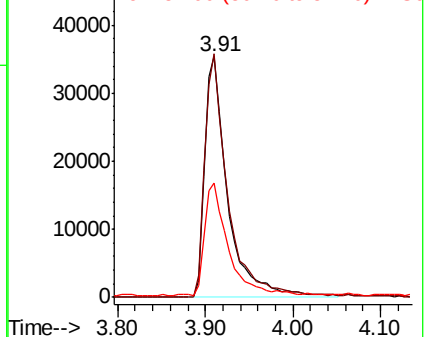
79 100

52 101.1 74.2 111.2

51 47.7 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 52.302 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

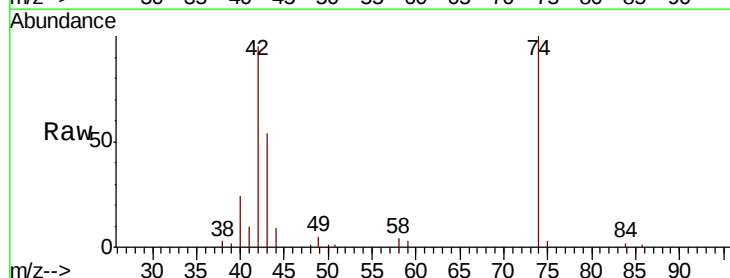
Tgt Ion: 42 Resp: 36463

Ion Ratio Lower Upper

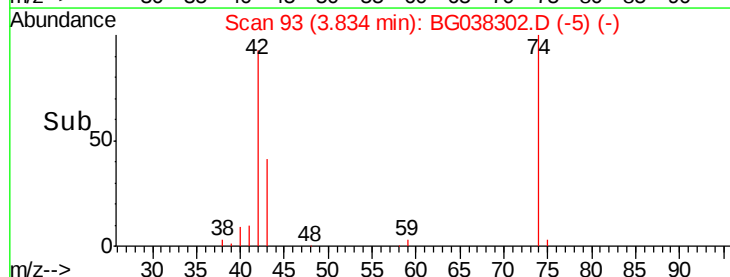
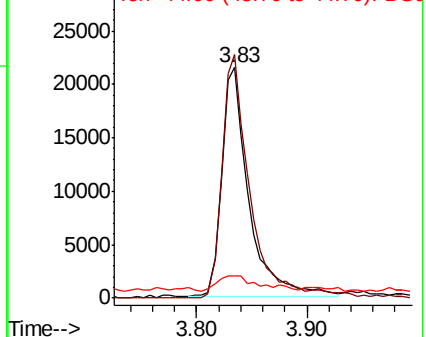
42 100

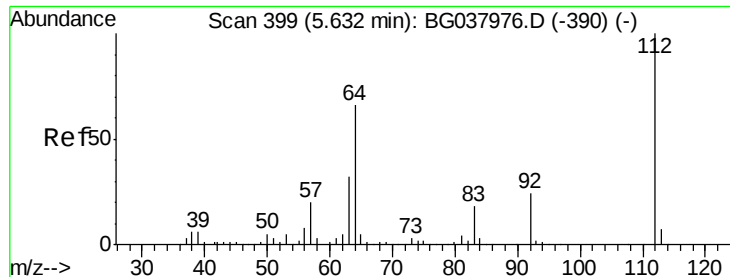
74 105.6 102.0 153.0

44 9.8 9.6 14.4



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





#5

2-Fluorophenol

Concen: 99.844 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

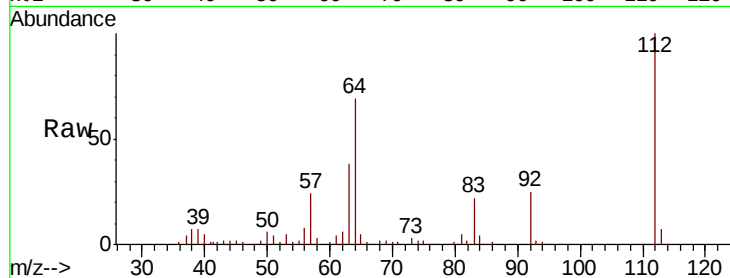
Tot Ion: 112 Resp: 142396

Ion Ratio Lower Upper

112 100

64 68.9 53.1 79.7

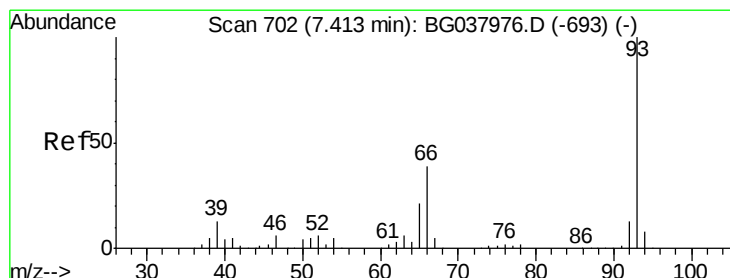
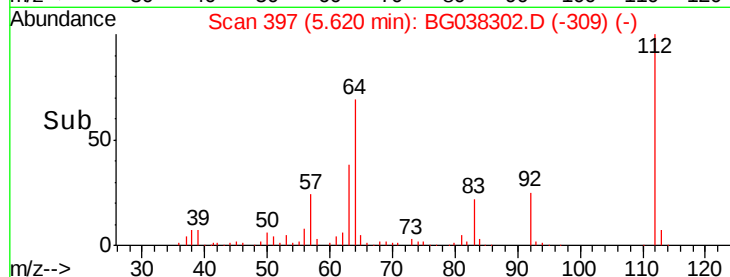
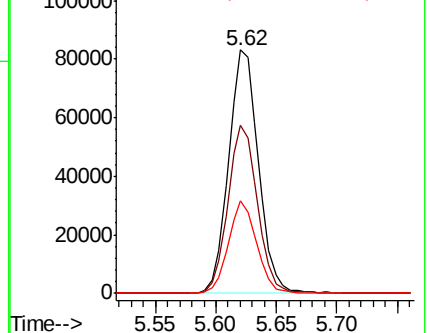
63 37.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.503 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

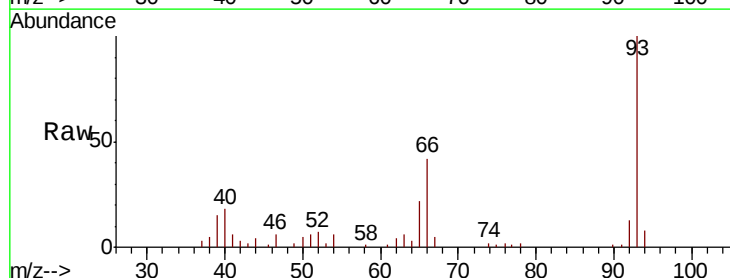
Tgt Ion: 93 Resp: 45990

Ion Ratio Lower Upper

93 100

66 42.2 32.8 49.2

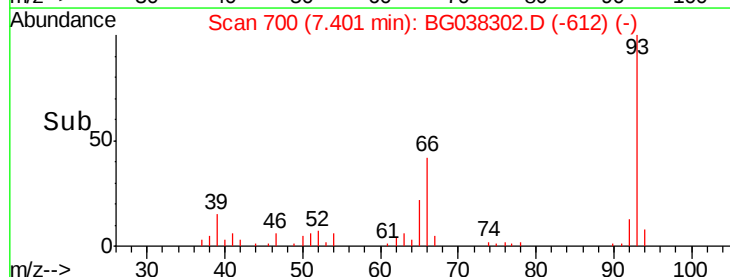
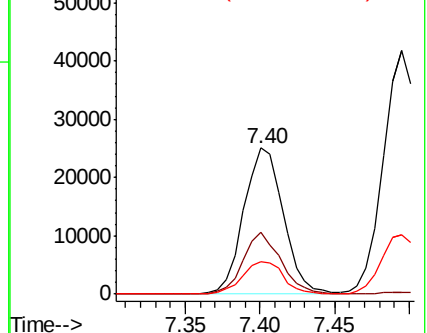
65 21.8 16.4 24.6

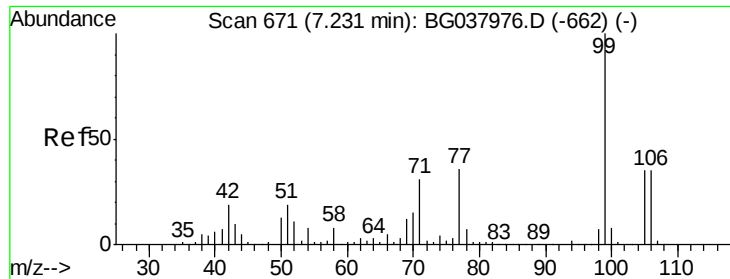


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.259 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampled :

PB115183BSD

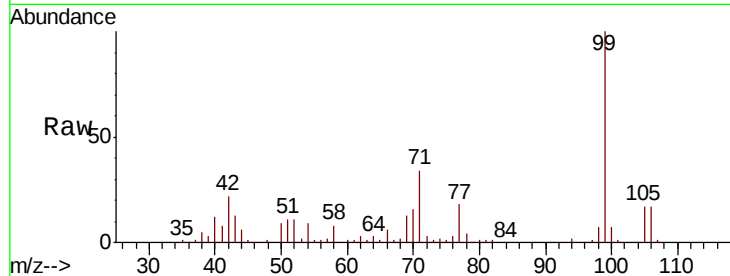
Tot Ion: 99 Resp: 195964

Ion Ratio Lower Upper

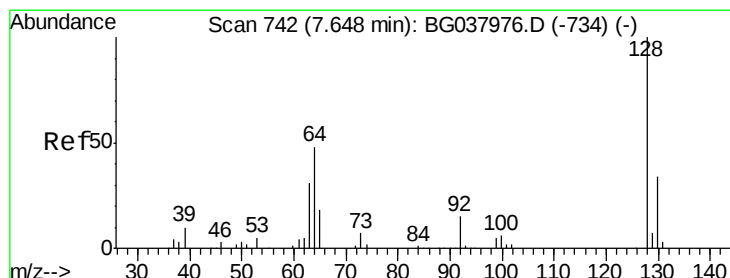
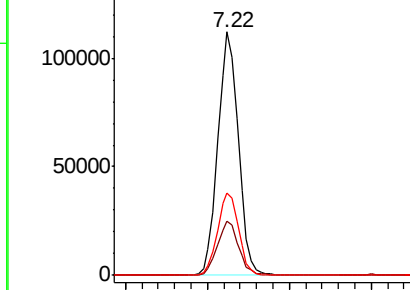
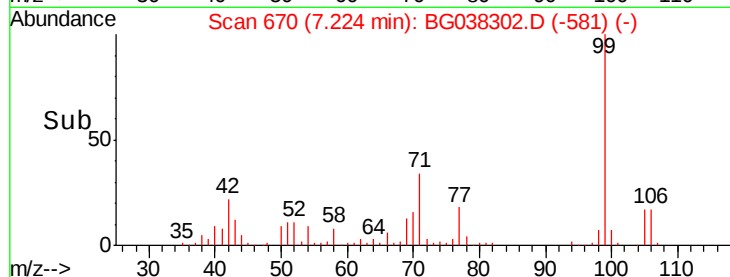
99 100

42 22.2 15.0 22.4

71 34.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 45.667 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

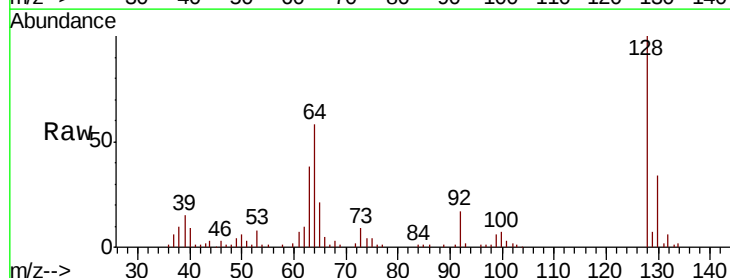
Tgt Ion: 128 Resp: 75572

Ion Ratio Lower Upper

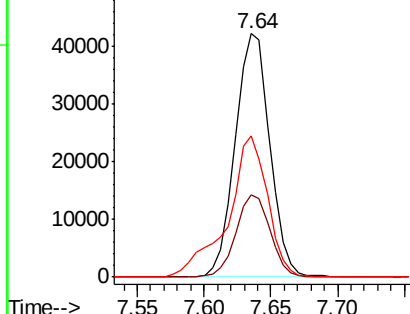
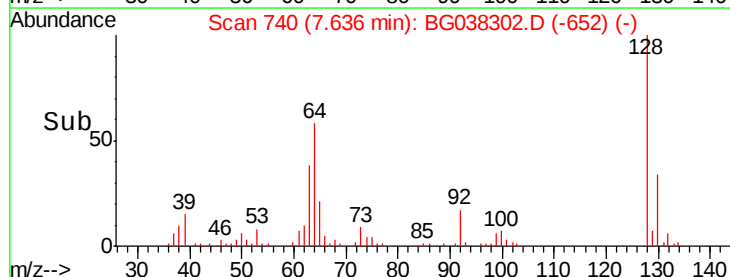
128 100

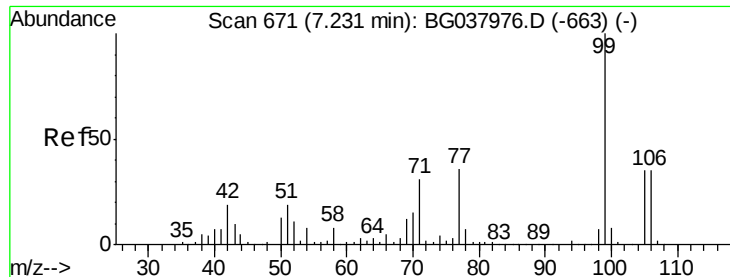
130 33.6 12.0 52.0

64 58.0 32.9 72.9



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: 30.145 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

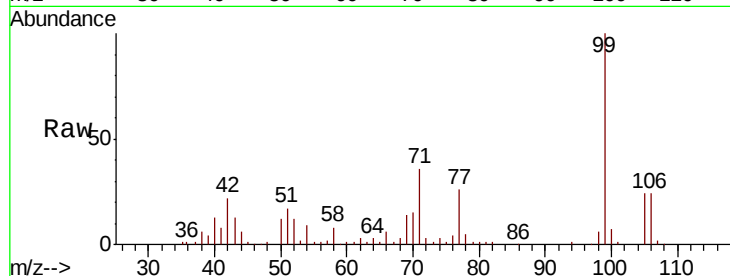
Tot Ion: 77 Resp: 44381

Ion Ratio Lower Upper

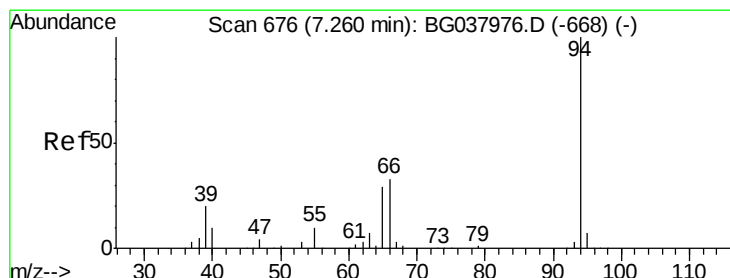
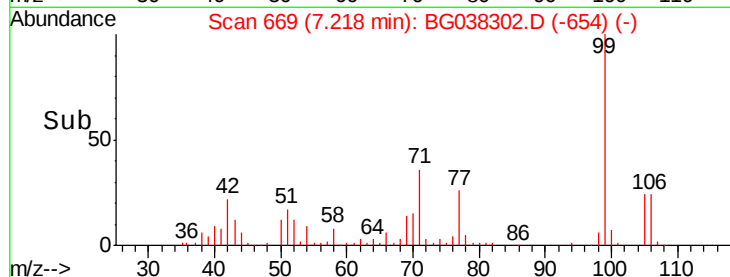
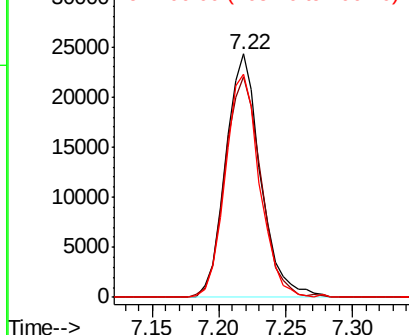
77 100

105 90.5 72.6 112.6

106 91.7 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.511 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

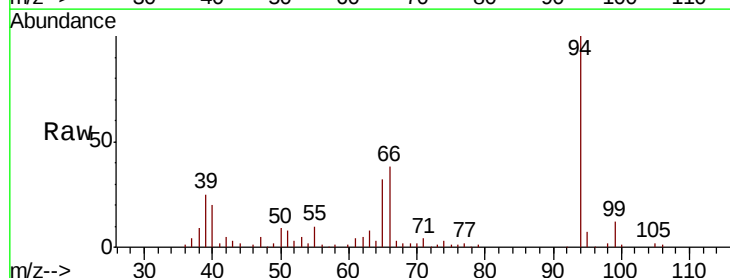
Tgt Ion: 94 Resp: 100294

Ion Ratio Lower Upper

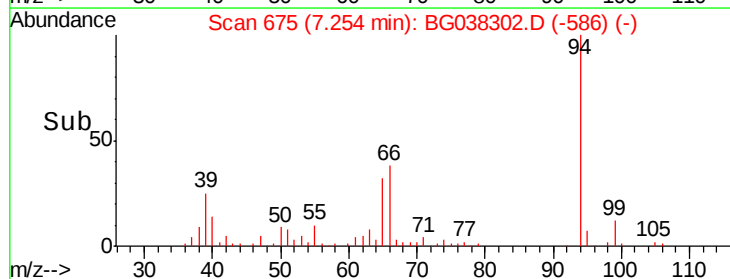
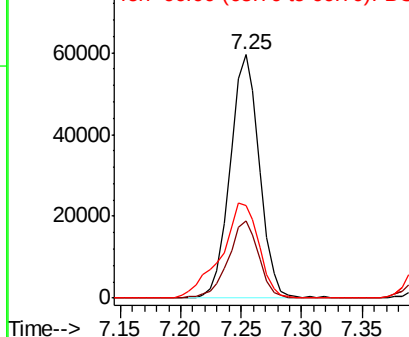
94 100

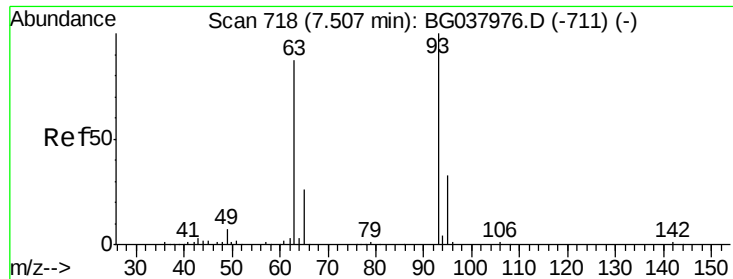
65 31.9 9.7 49.7

66 38.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

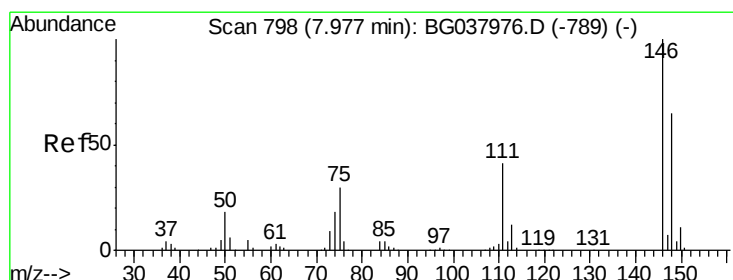
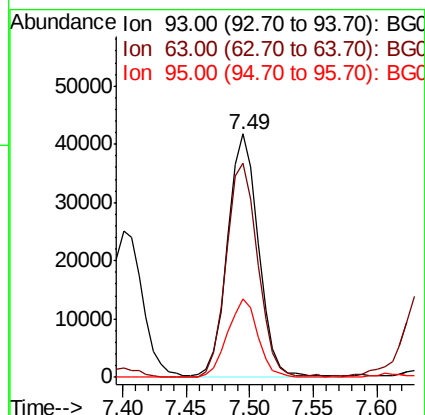
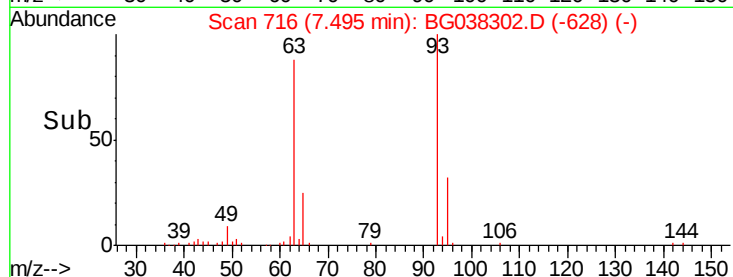
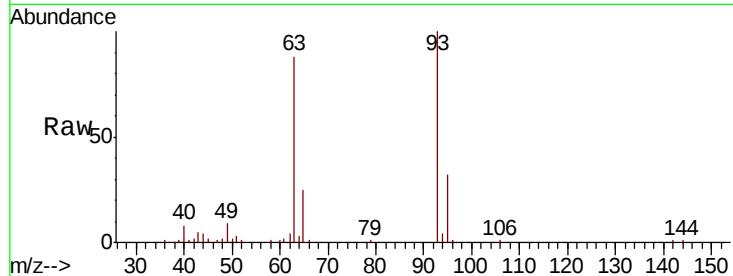




#11
bis(2-Chloroethyl)ether
Concen: 39.517 ng
RT: 7.49 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

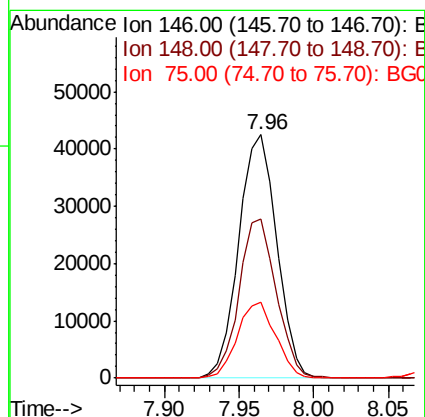
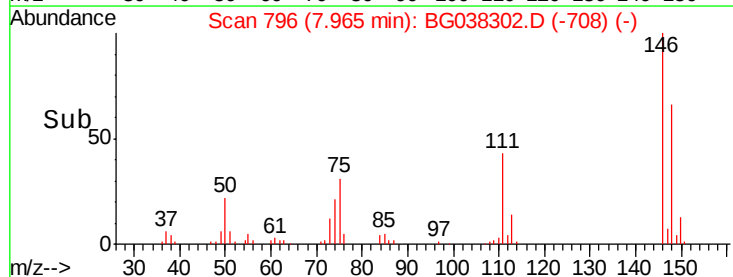
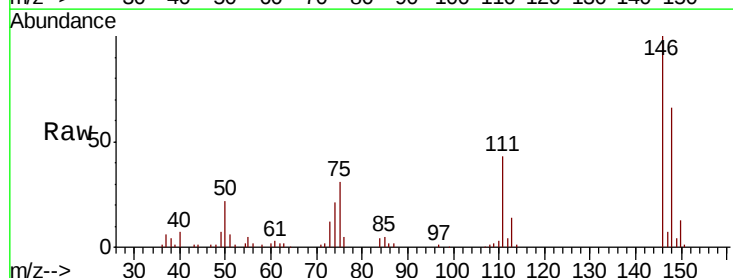
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

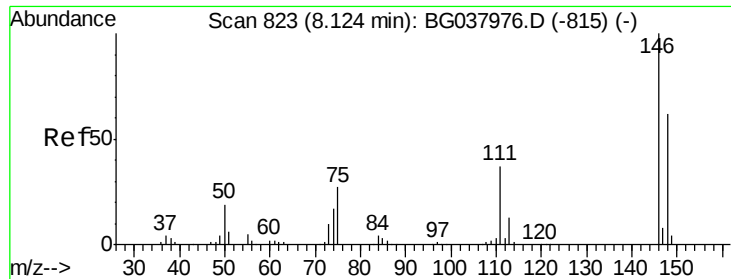
Tot Ion: 93 Resp: 69566
Ion Ratio Lower Upper
93 100
63 88.1 69.5 109.5
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.424 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion: 146 Resp: 75158
Ion Ratio Lower Upper
146 100
148 65.6 49.8 74.8
75 31.4 23.2 34.8

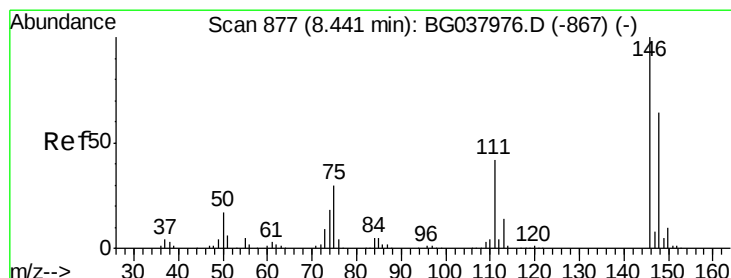
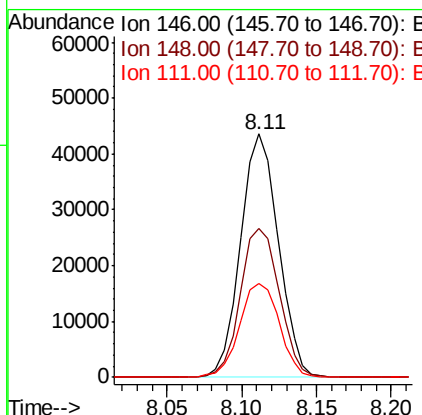
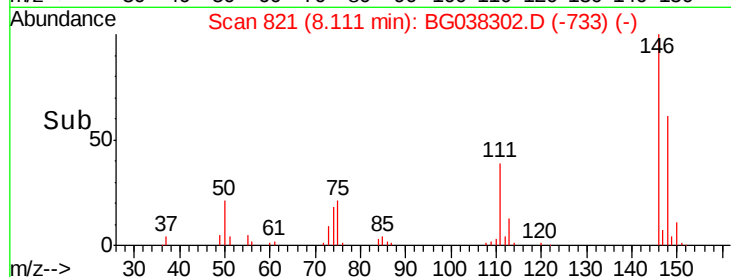
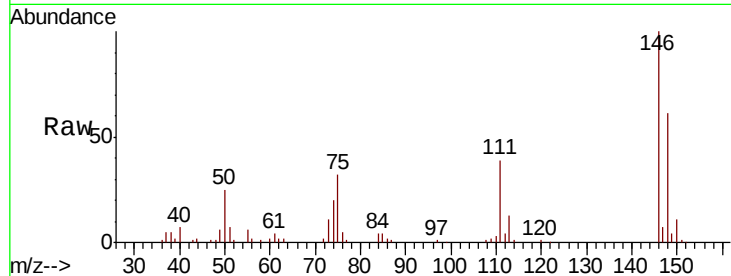




#13
 1,4-Dichlorobenzene
 Concen: 39.759 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

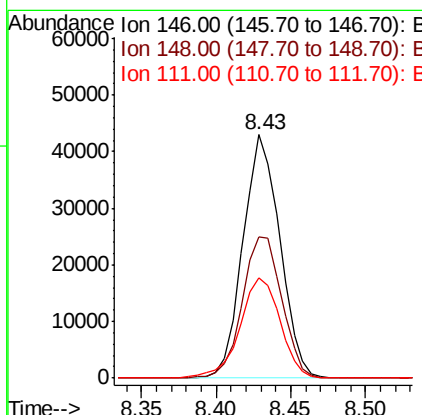
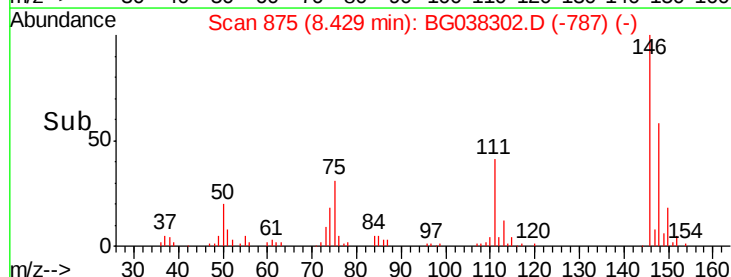
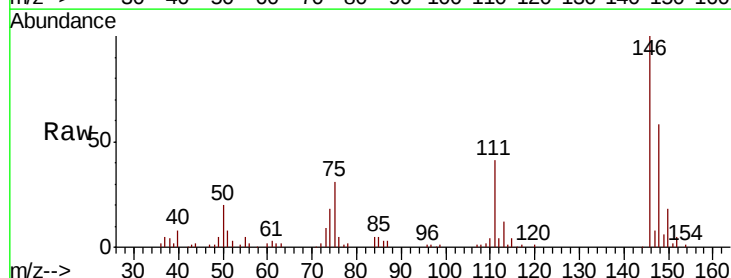
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:146 Resp: 76567
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.0 76.6
 111 38.7 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.962 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:146 Resp: 73475
 Ion Ratio Lower Upper
 146 100
 148 57.9 50.4 75.6
 111 41.2 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.297 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

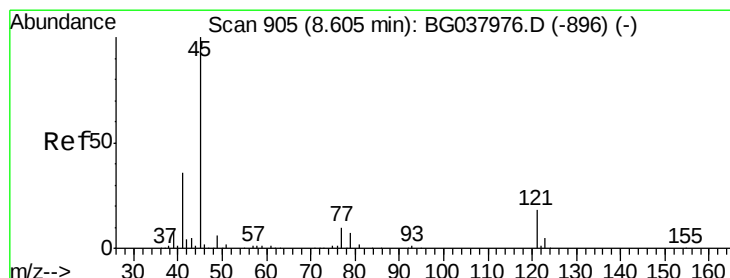
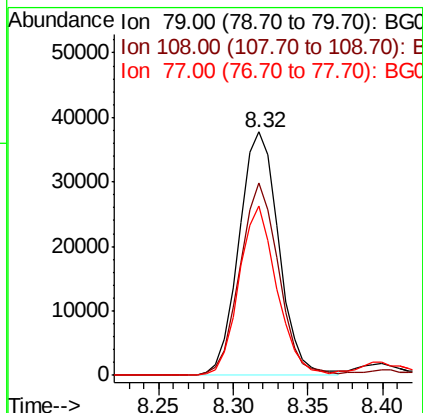
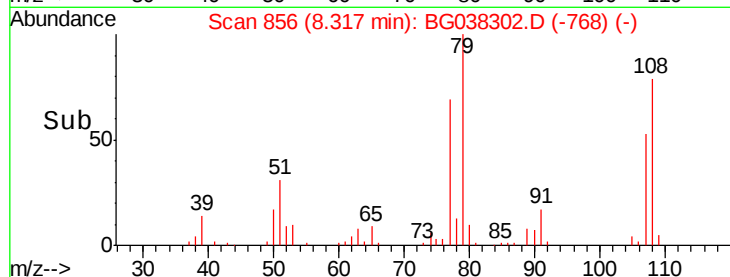
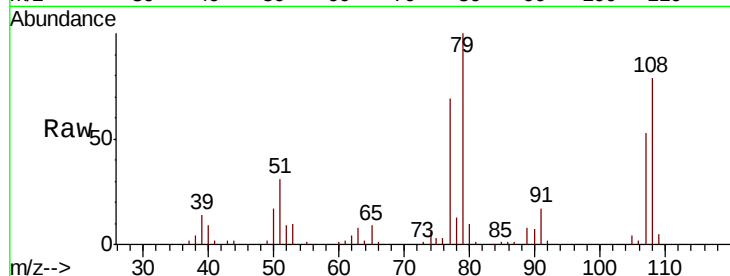
Tot Ion: 79 Resp: 69673

Ion Ratio Lower Upper

79 100

108 79.2 65.8 98.8

77 69.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.367 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

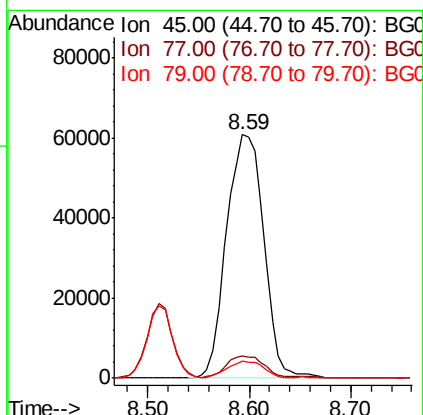
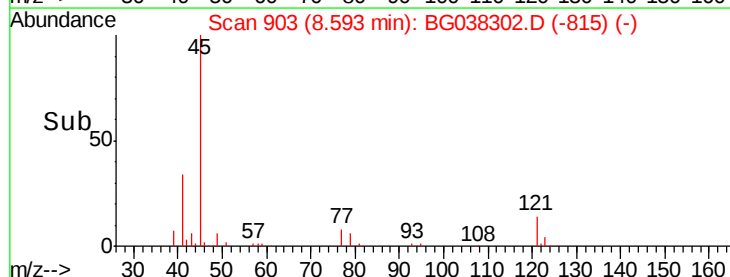
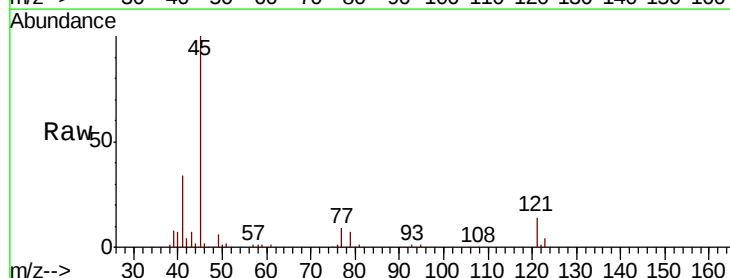
Tgt Ion: 45 Resp: 154839

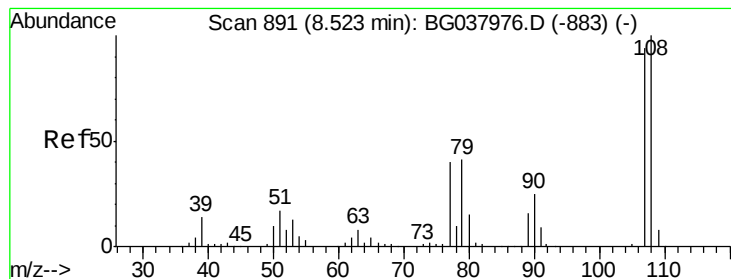
Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

79 7.0 0.0 29.0

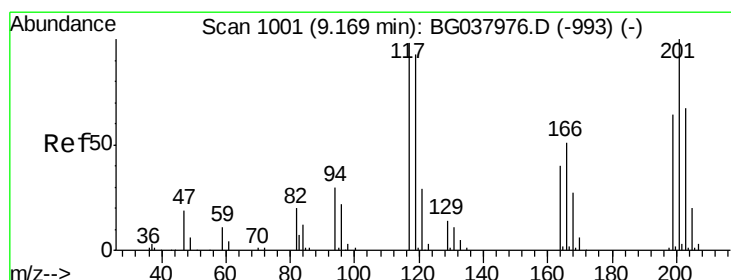
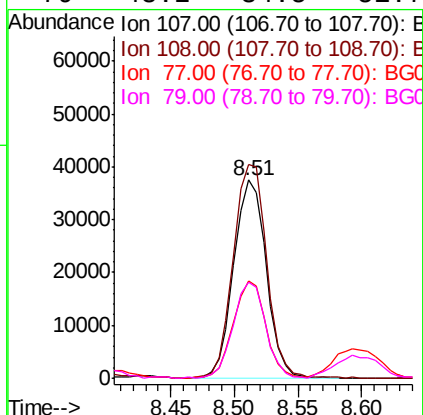
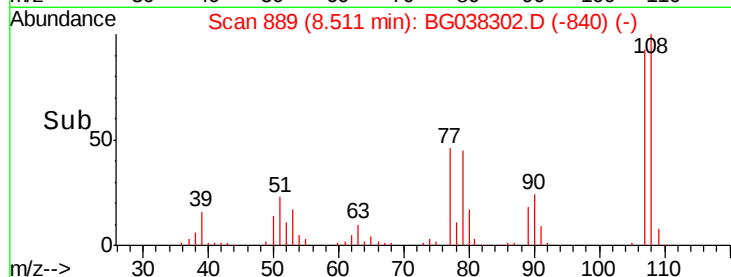
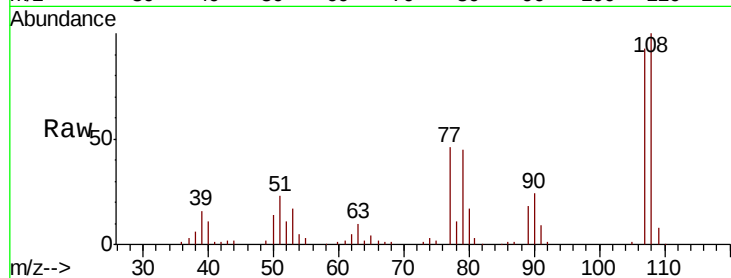




#17
2-Methylphenol
Concen: 45.900 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

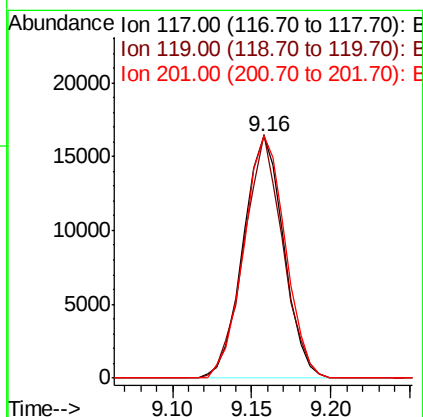
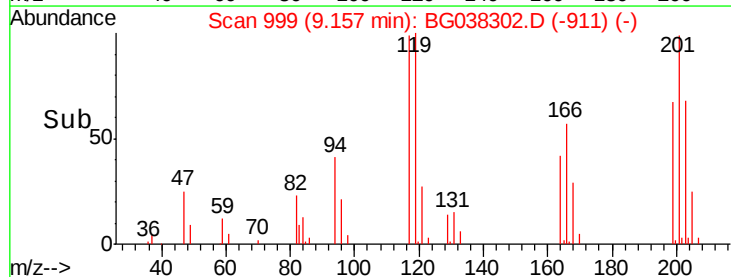
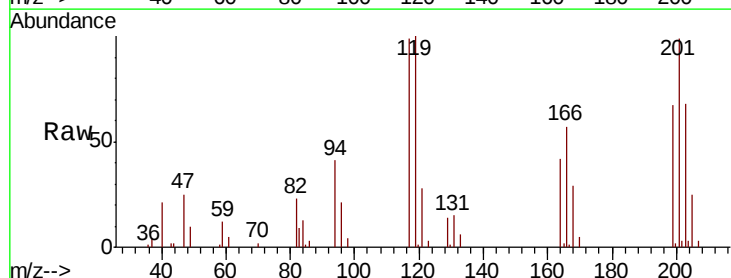
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

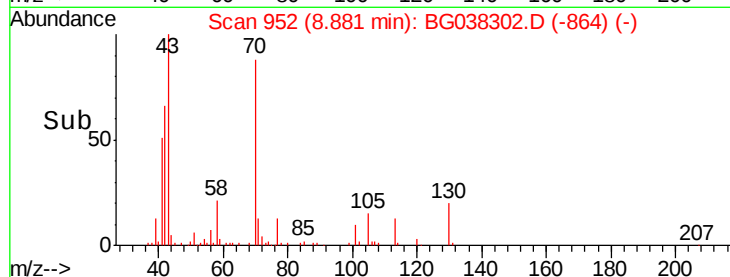
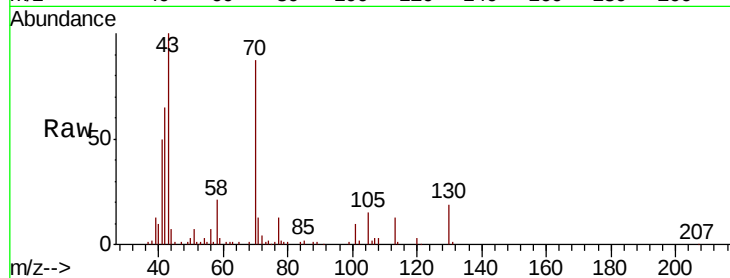
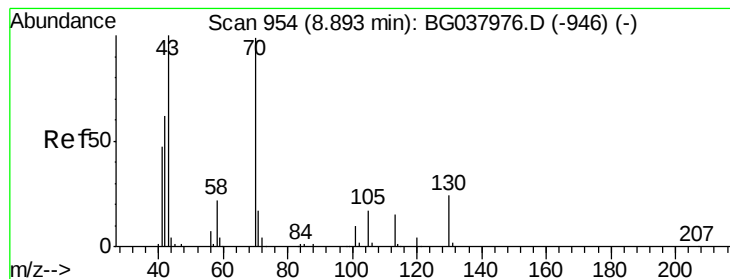
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.9	131.9
77	49.4	35.1	52.7
79	48.2	34.5	51.7



#18
Hexachloroethane
Concen: 41.474 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	74.6	111.8
201	102.8	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.095 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion: 70 Resp: 59062

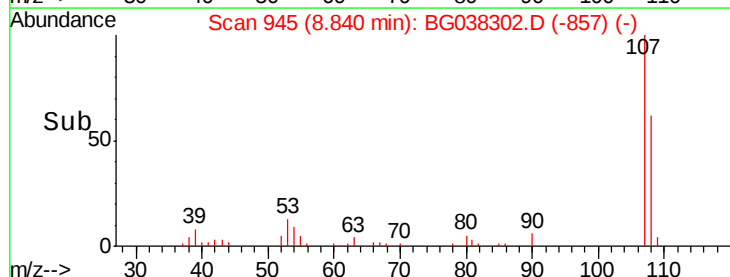
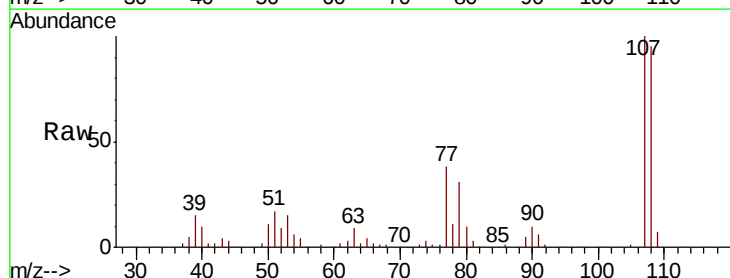
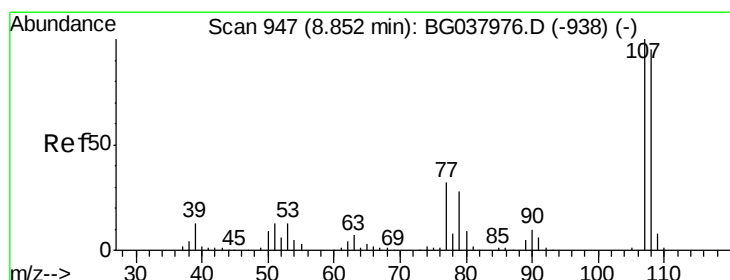
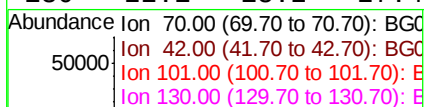
Ion Ratio Lower Upper

70 100

42 75.0 53.9 80.9

101 11.0 8.2 12.2

130 22.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 44.328 ng

RT: 8.84 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion: 107 Resp: 91612

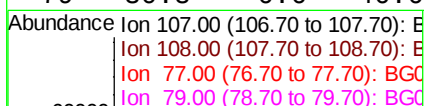
Ion Ratio Lower Upper

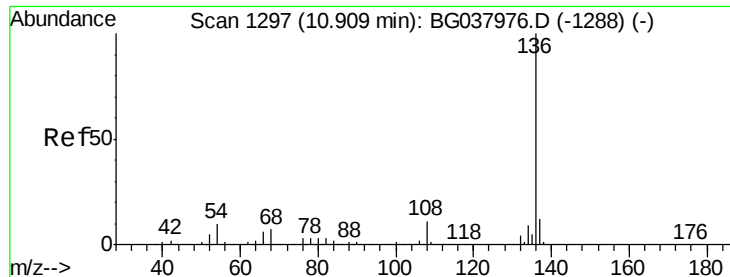
107 100

108 95.1 69.9 109.9

77 38.0 11.2 51.2

79 30.8 6.6 46.6

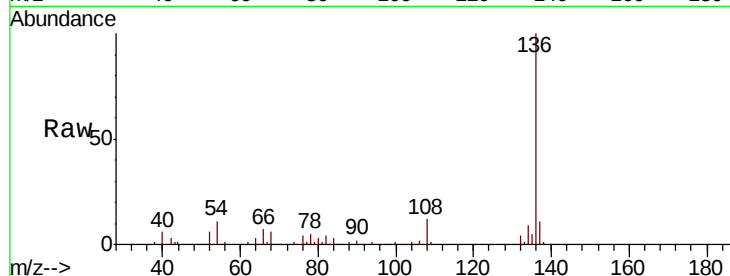




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:136	Resp:	106663
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	11.1	7.9 11.9
68	6.2	4.8 7.2



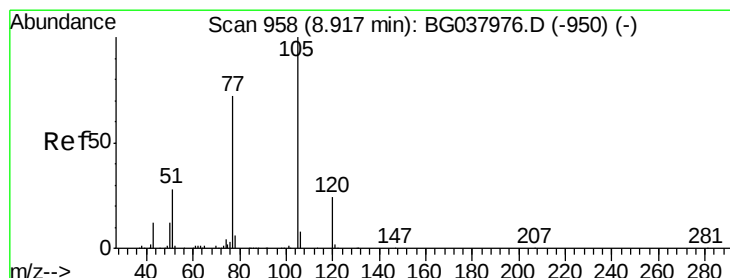
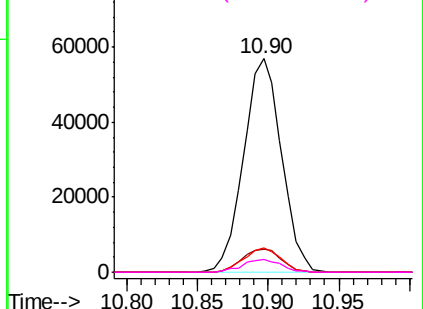
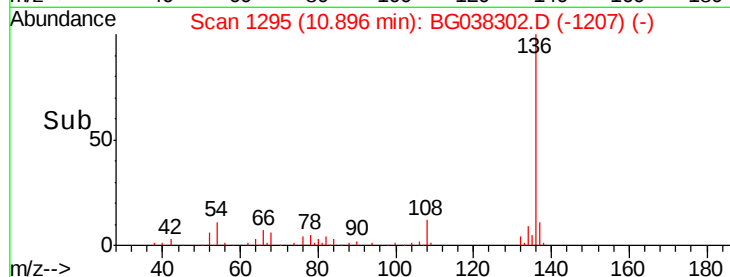
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

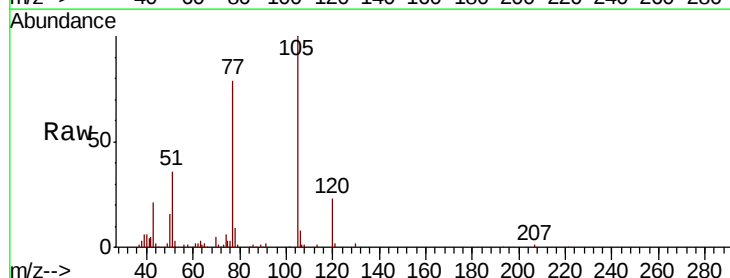
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.983 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:105	Resp:	111415
Ion	Ratio	Lower Upper
105	100	
71	0.8	1.2 1.8#
51	35.9	25.0 37.6
120	23.1	18.6 28.0



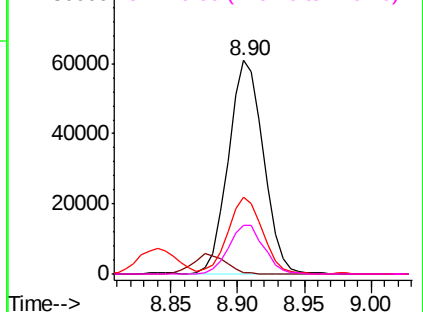
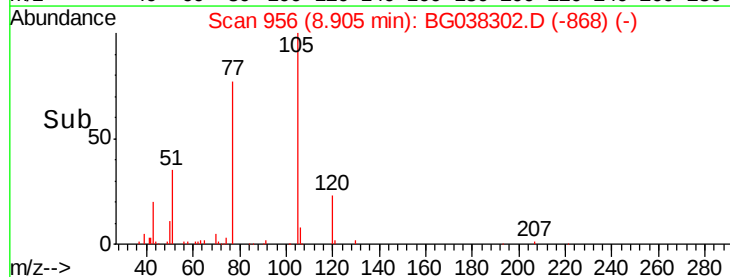
Abundance

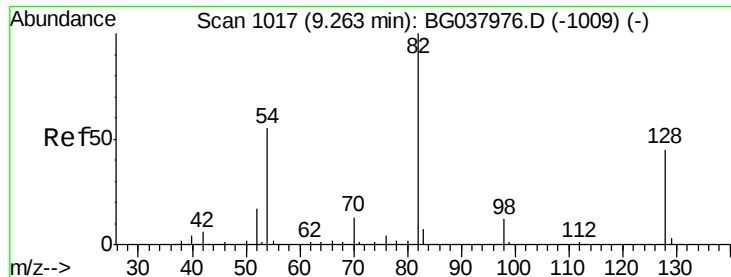
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

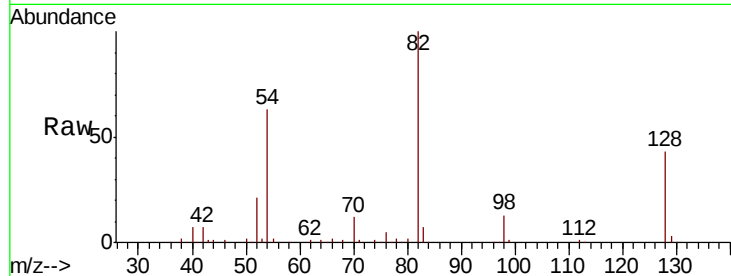




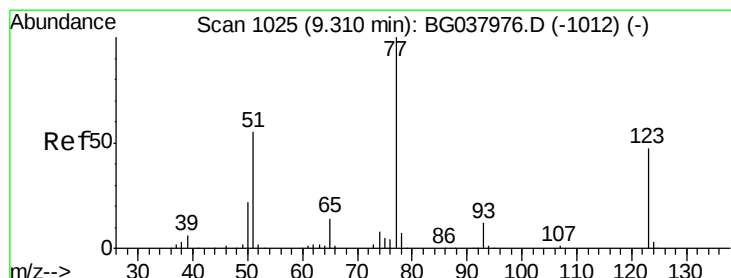
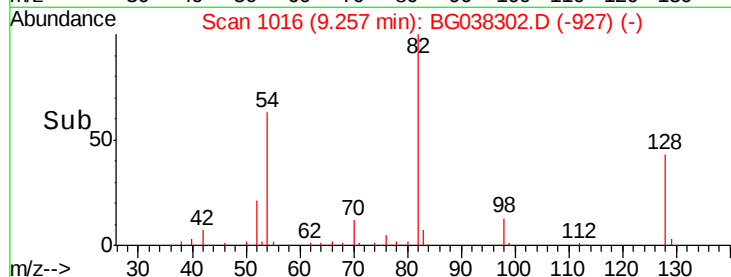
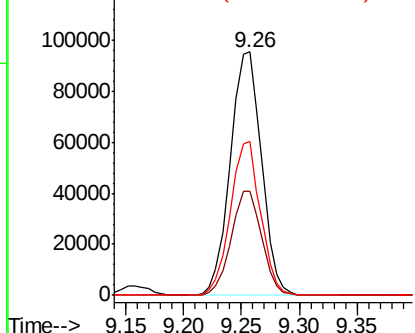
#23
 Nitrobenzene-d5
 Concen: 89.977 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion: 82 Resp: 179285
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 51.8
 54 63.2 45.3 67.9

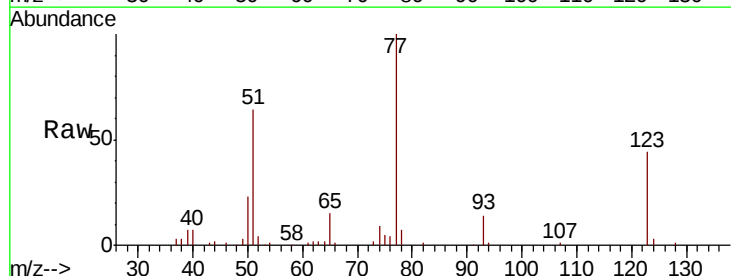


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

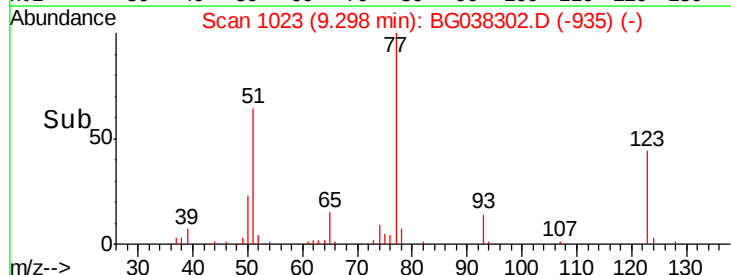
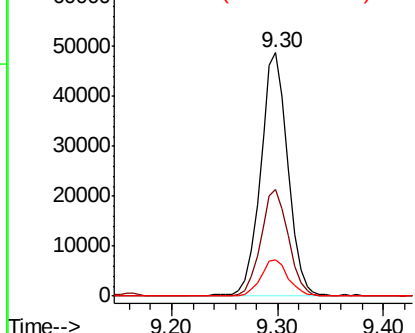


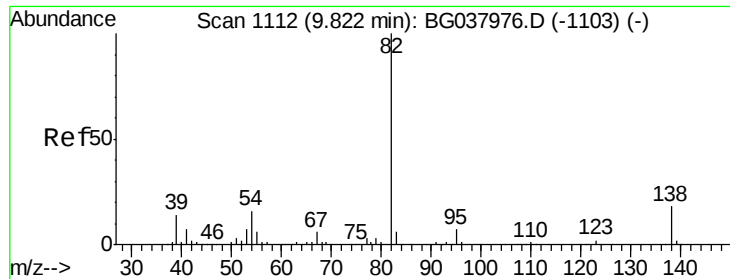
#24
 Nitrobenzene
 Concen: 42.845 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion: 77 Resp: 87332
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.6 50.4
 65 15.0 11.3 16.9



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





#25

Isophorone

Concen: 46.634 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

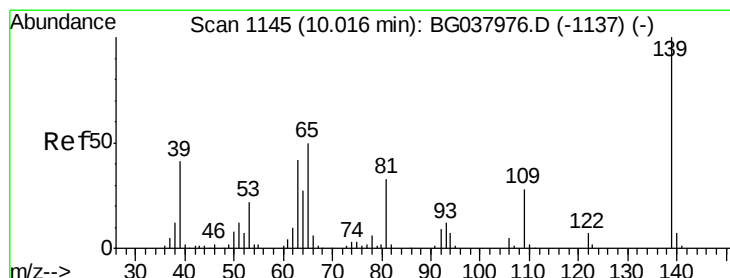
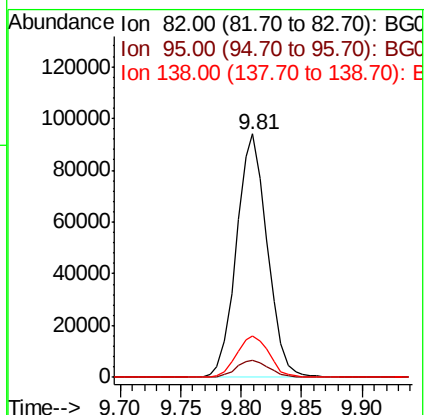
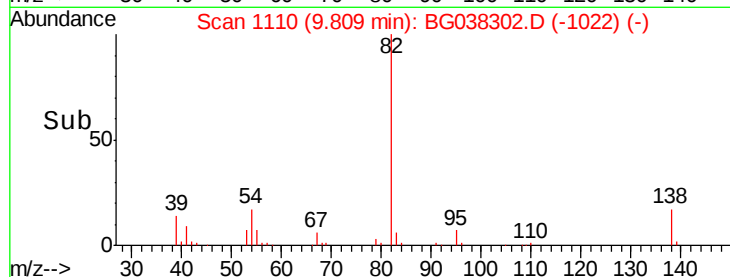
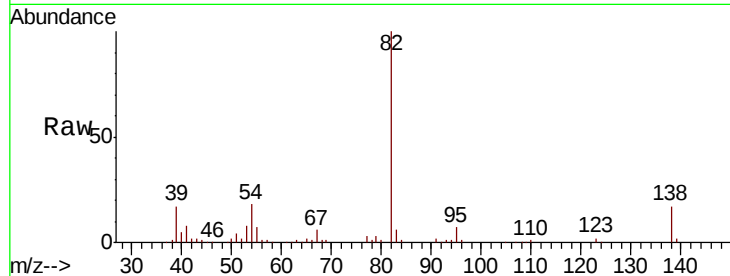
Tot Ion: 82 Resp: 167251

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 16.9 13.3 19.9



#26

2-Nitrophenol

Concen: 41.263 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

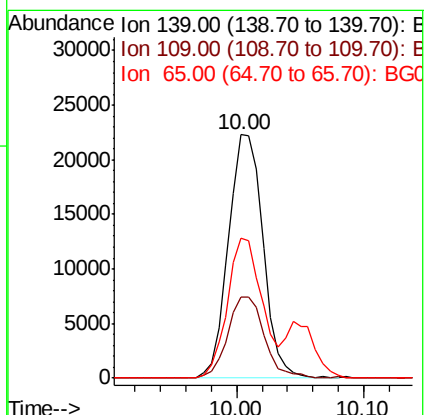
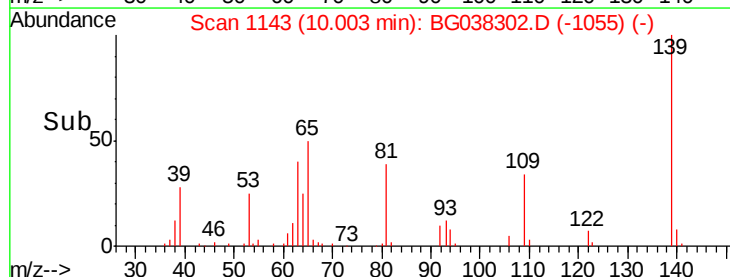
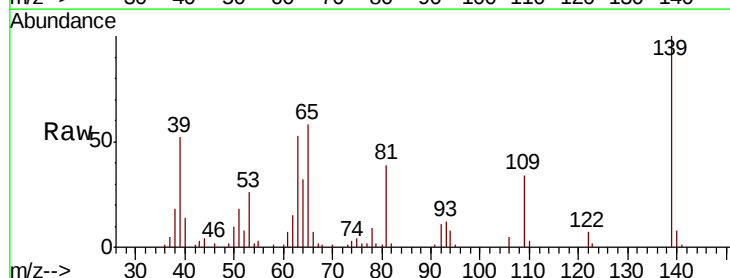
Tgt Ion: 139 Resp: 41989

Ion Ratio Lower Upper

139 100

109 33.5 23.3 34.9

65 57.7 39.8 59.8

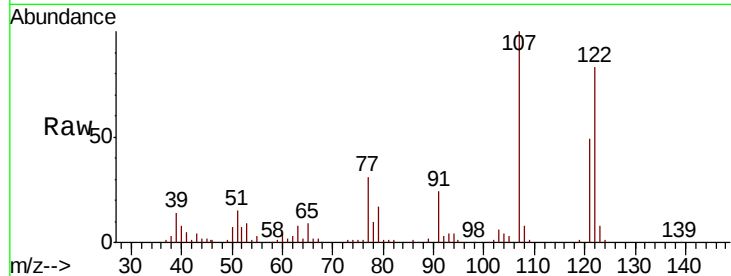




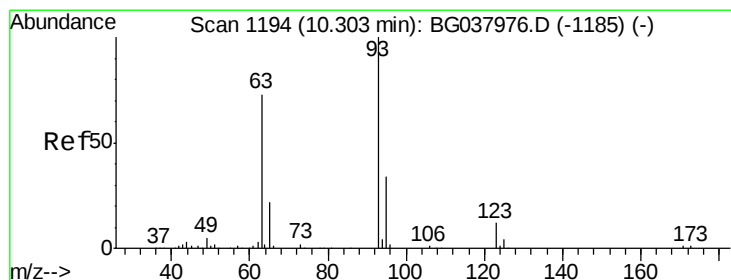
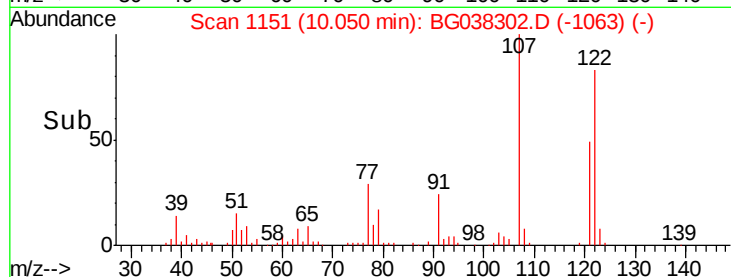
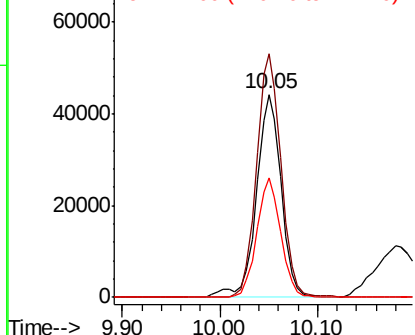
#27
2,4-Dimethylphenol
Concen: 51.431 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:122 Resp: 78852
Ion Ratio Lower Upper
122 100
107 119.8 94.2 141.2
121 58.9 47.3 70.9

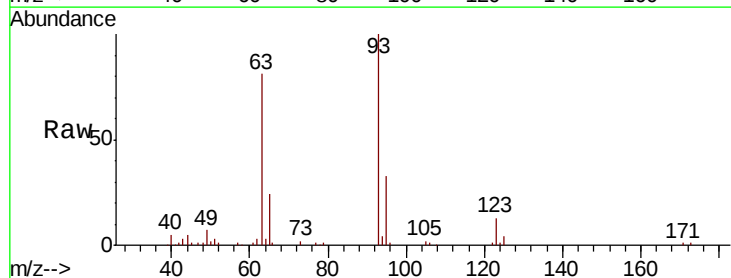


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

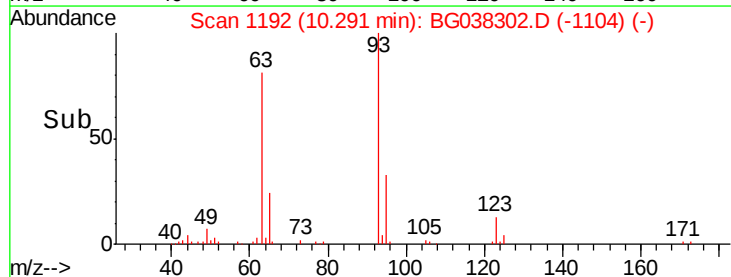
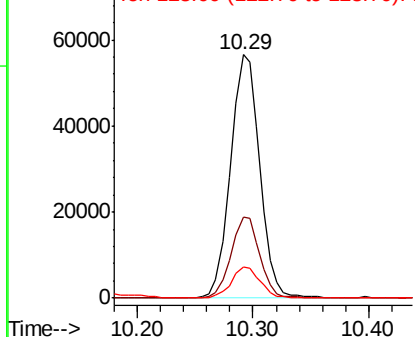


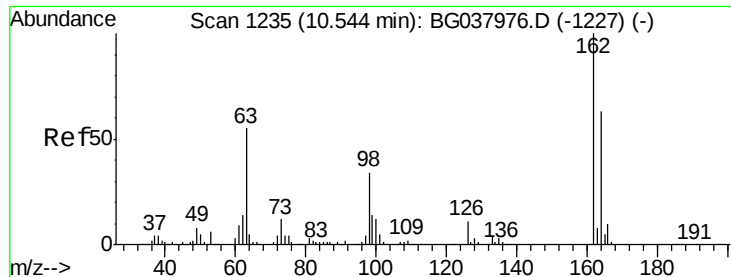
#28
bis(2-Chloroethoxy)methane
Concen: 42.968 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion: 93 Resp: 98541
Ion Ratio Lower Upper
93 100
95 33.1 24.6 37.0
123 12.6 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

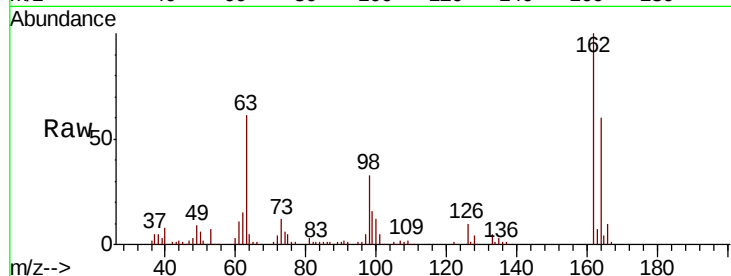




#29
 2,4-Dichlorophenol
 Concen: 46.086 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion	162	Resp	79476
Ion	Ratio	Lower	Upper
162	100		
164	60.3	43.2	83.2
98	33.5	16.0	56.0

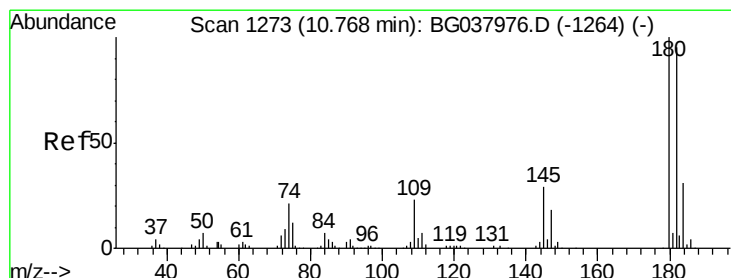
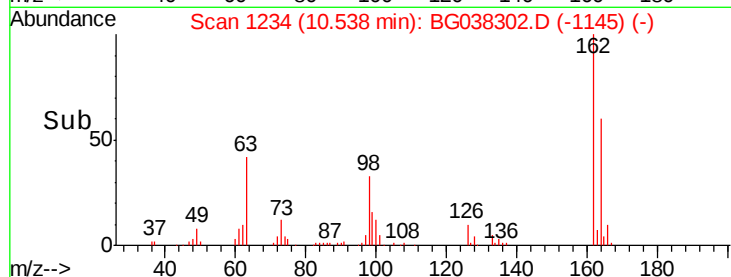
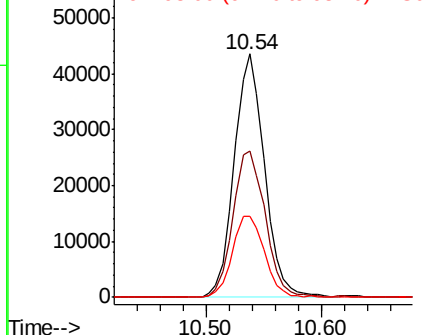


Abundance

Ion 162.00 (161.70 to 162.70): E

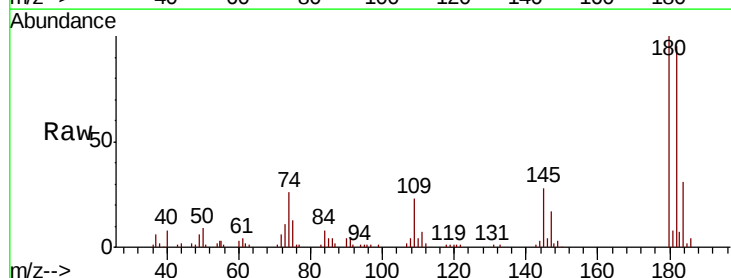
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.459 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion	180	Resp	78186
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	27.8	23.3	34.9

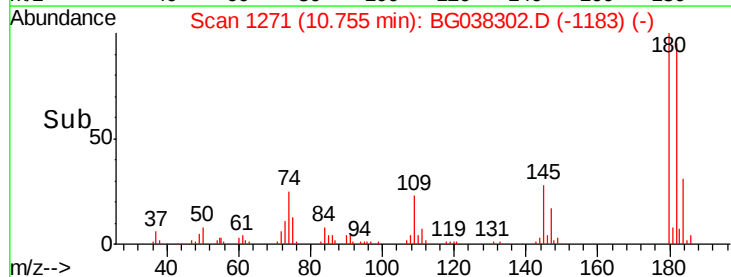
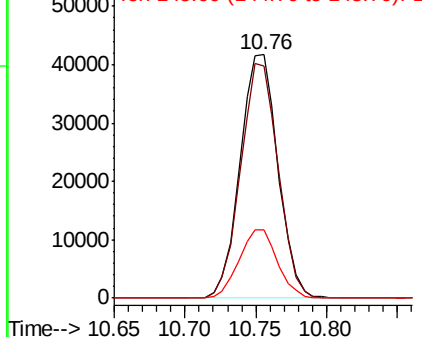


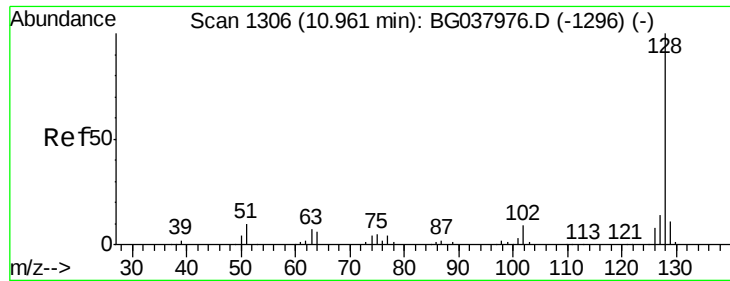
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

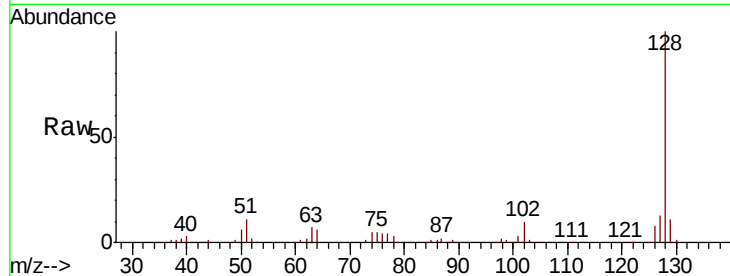




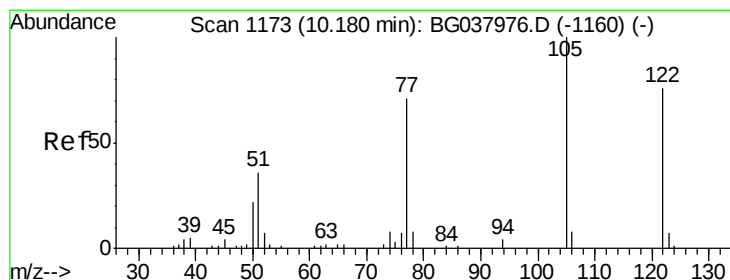
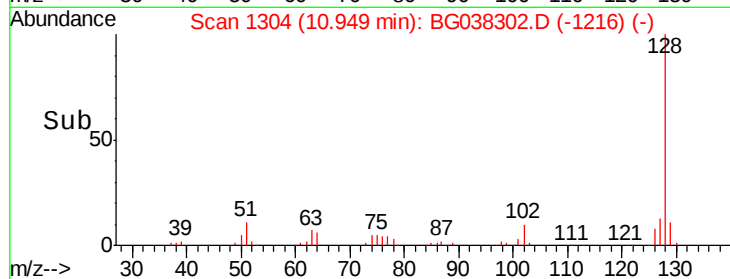
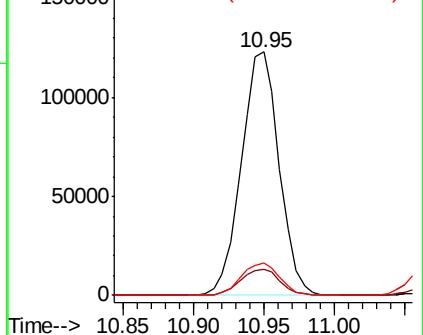
#31
Naphthalene
Concen: 43.718 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:128 Resp: 229352
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 11.1 16.7

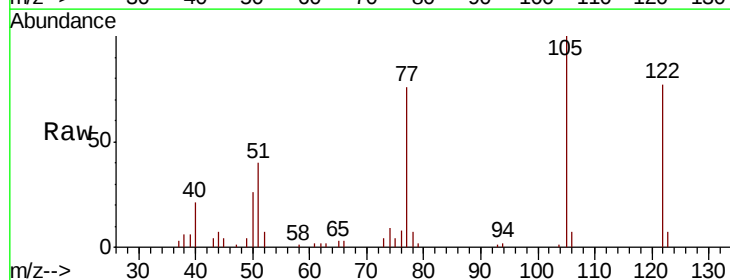


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

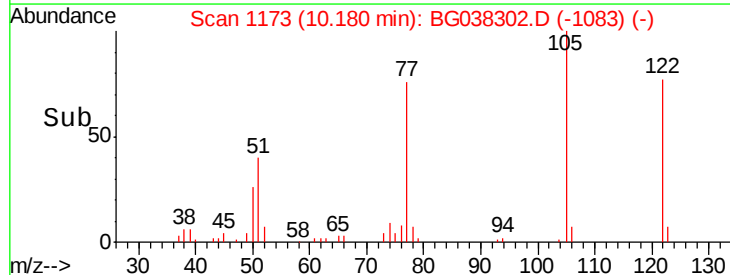
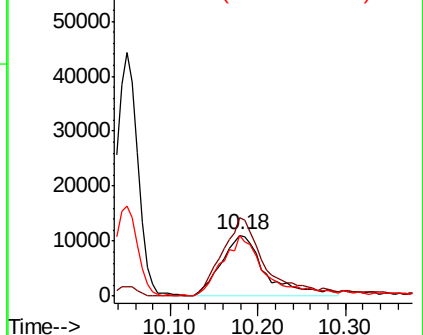


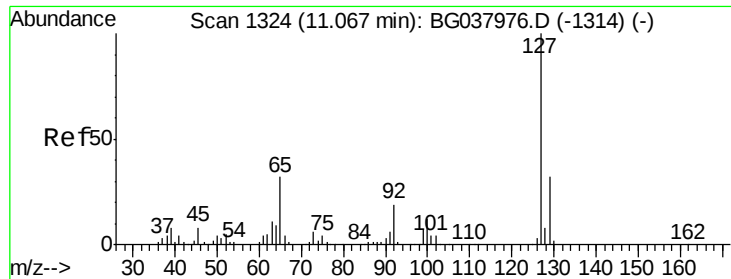
#32
Benzoic acid
Concen: 41.371 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:122 Resp: 38579
Ion Ratio Lower Upper
122 100
105 129.3 106.7 146.7
77 98.9 72.2 112.2



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

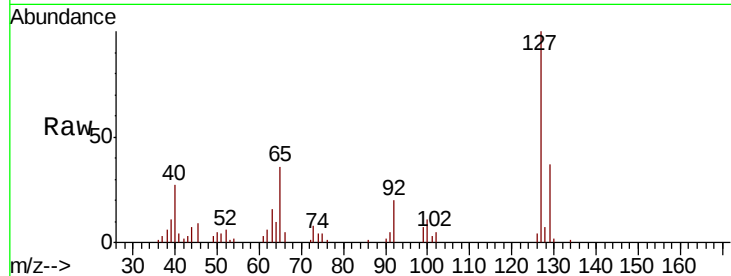




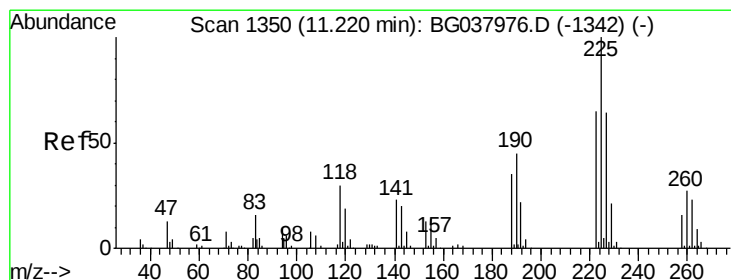
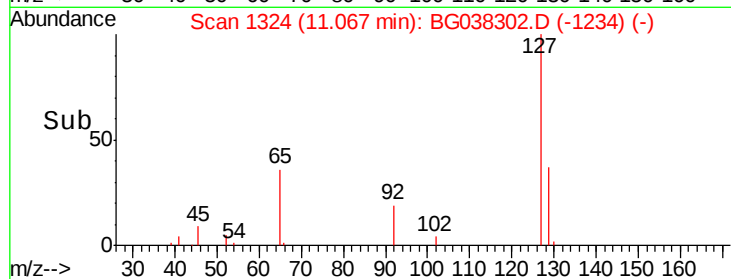
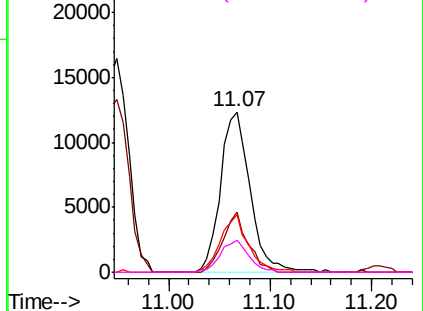
#33
4-Chloroaniline
Concen: 10.275 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:	127	Resp:	25075
Ion	Ratio	Lower	Upper
127	100		
129	37.4	27.1	40.7
65	36.2	26.6	39.8
92	19.9	16.4	24.6

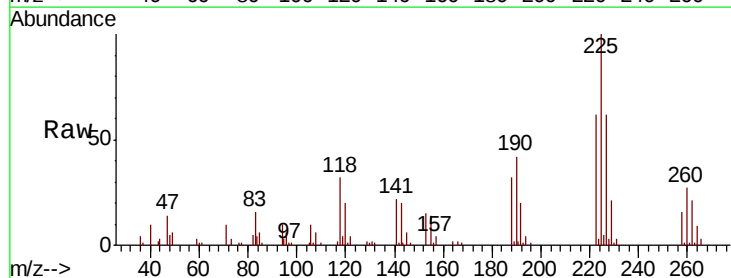


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

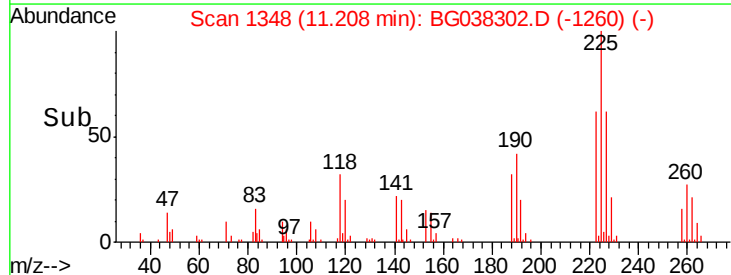
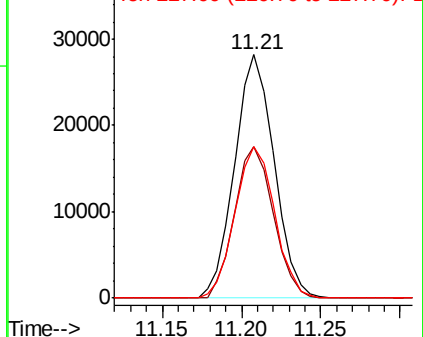


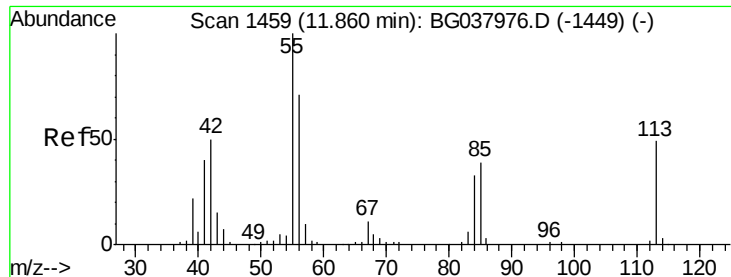
#34
Hexachlorobutadiene
Concen: 41.119 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:	225	Resp:	48905
Ion	Ratio	Lower	Upper
225	100		
223	59.4	48.2	72.4
227	62.5	51.6	77.4



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

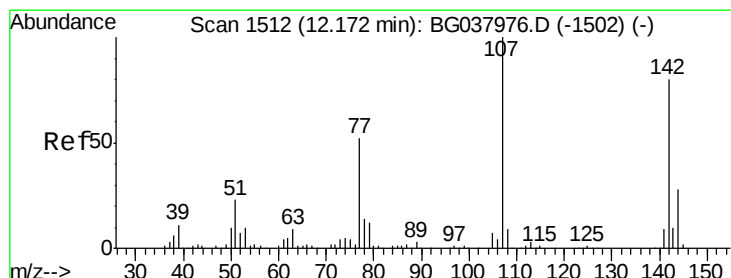
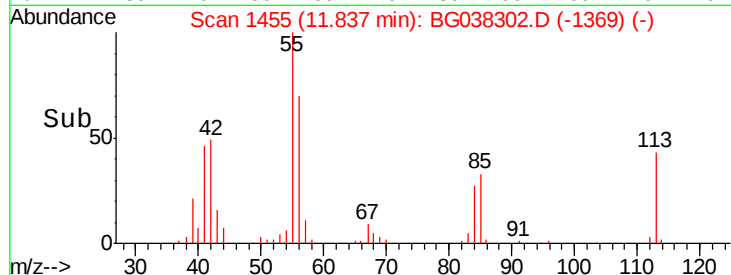
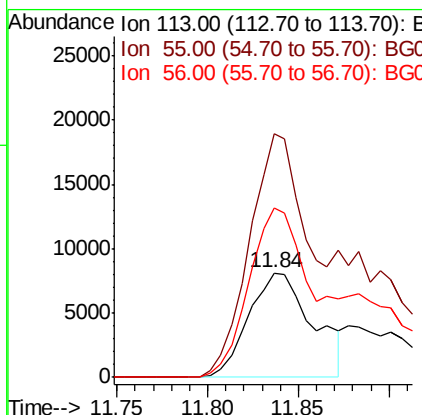
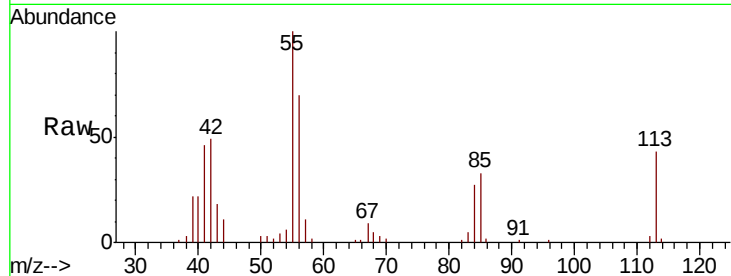




#35
 Caprolactam
 Concen: 28.905 ng
 RT: 11.84 min Scan# 1455
 Delta R.T. -0.02 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

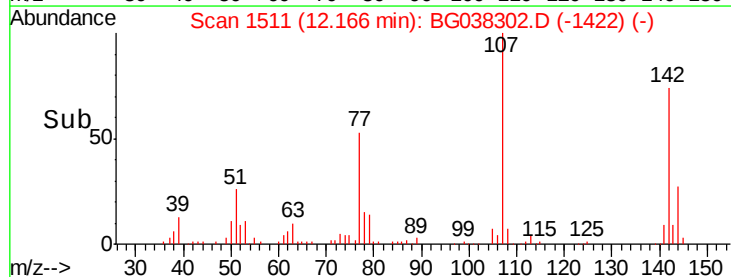
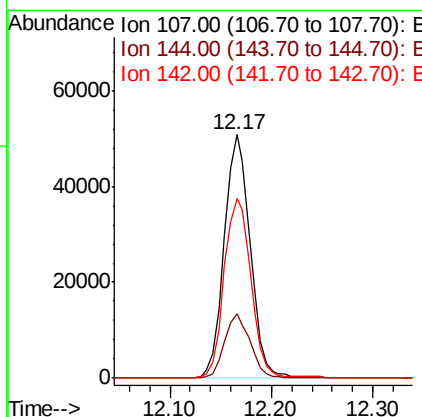
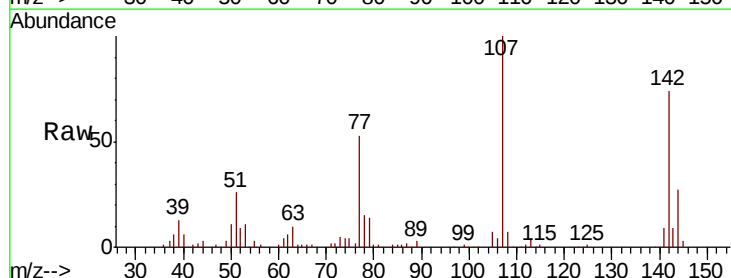
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

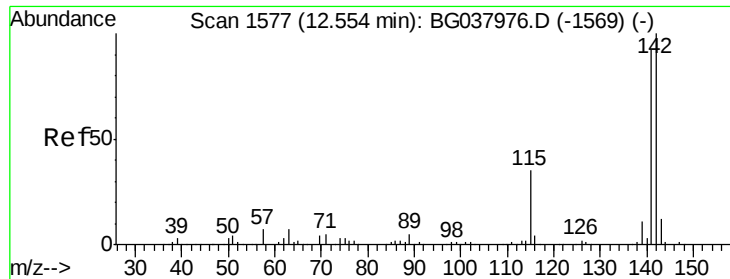
Tot Ion:113 Resp: 19952
 Ion Ratio Lower Upper
 113 100
 55 233.6 176.6 216.6#
 56 162.6 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.041 ng
 RT: 12.17 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:107 Resp: 90511
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.7 31.1
 142 73.9 64.4 96.6

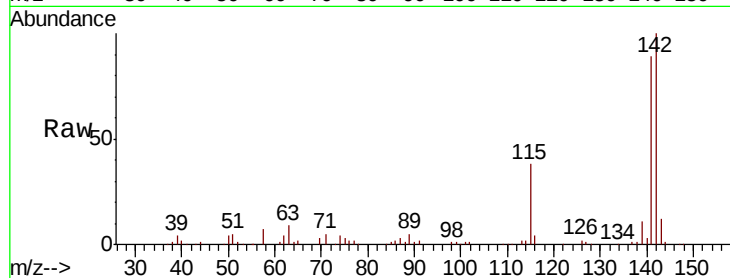




#37
2-Methylnaphthalene
Concen: 45.754 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	38.4	27.8	41.8

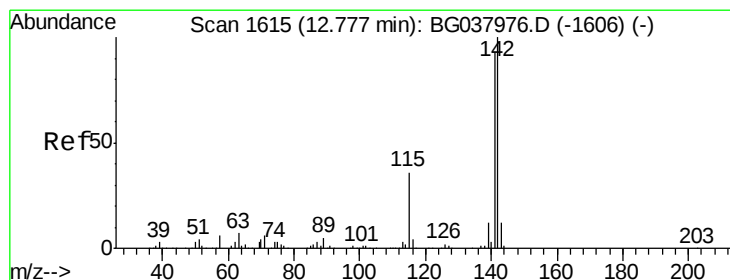
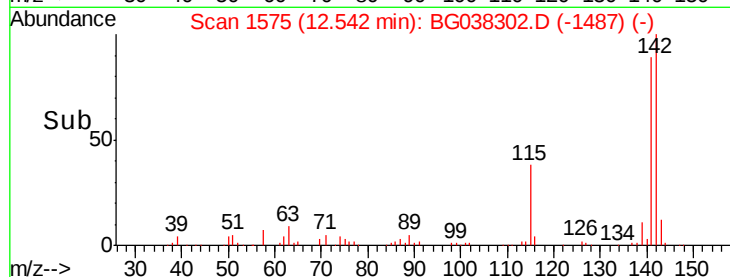
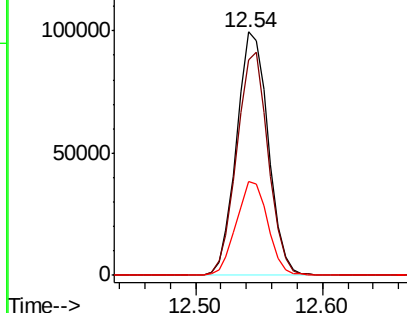


Abundance

Ion 142.00 (141.70 to 142.70): E

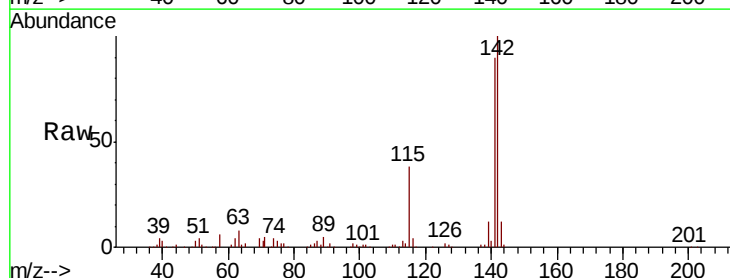
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.140 ng
RT: 12.76 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.2	112.8
116	4.4	3.3	4.9

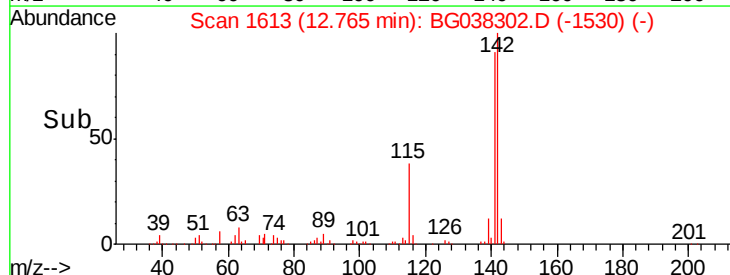
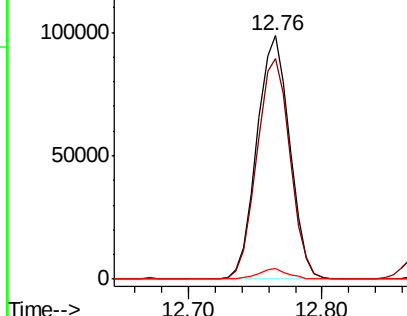


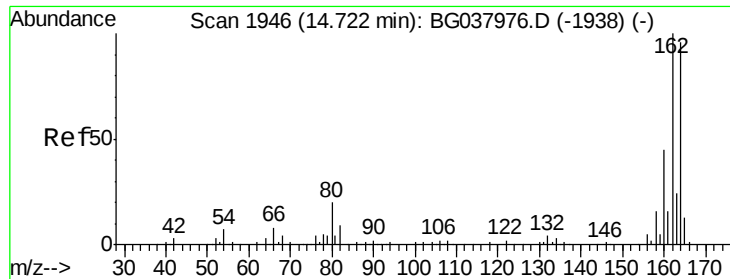
Abundance

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: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

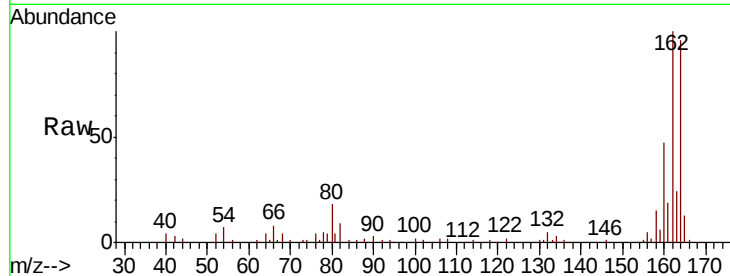
Tot Ion:164 Resp: 70242

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 48.7 36.3 54.5

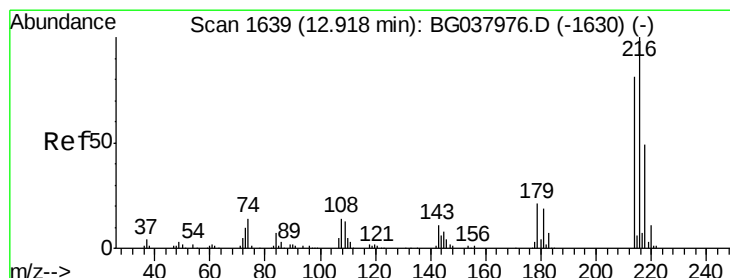
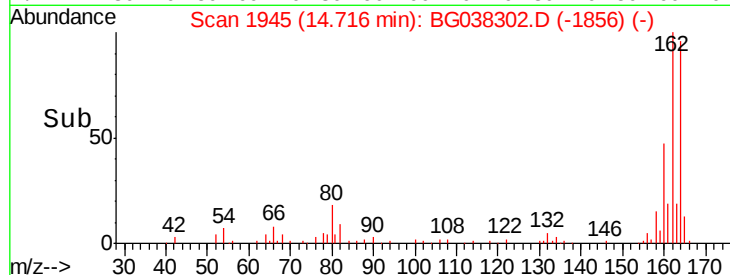
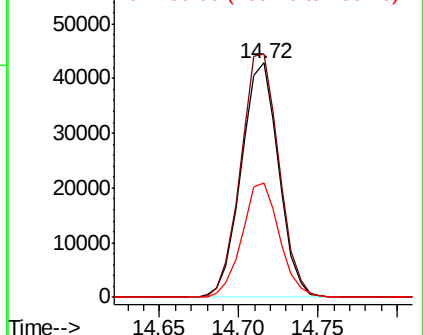


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.253 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:216 Resp: 89786

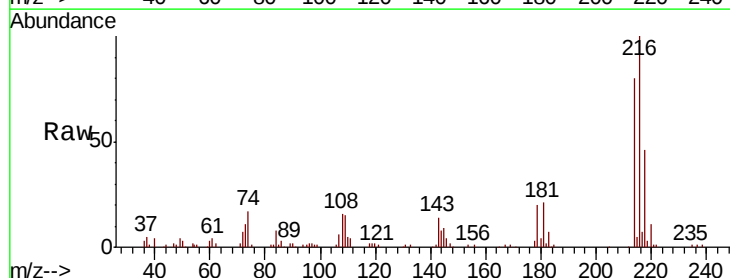
Ion Ratio Lower Upper

216 100

214 81.6 63.8 95.6

179 21.5 17.4 26.0

108 20.6 13.9 20.9



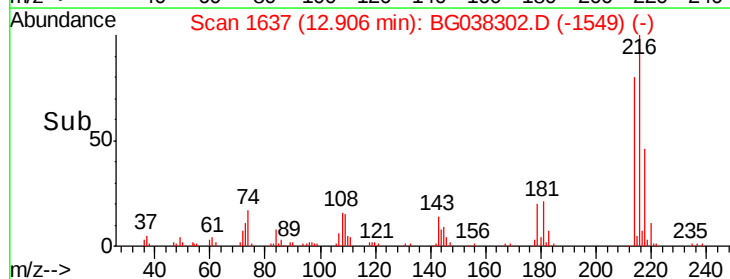
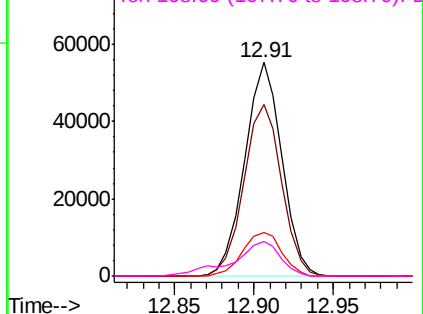
Abundance

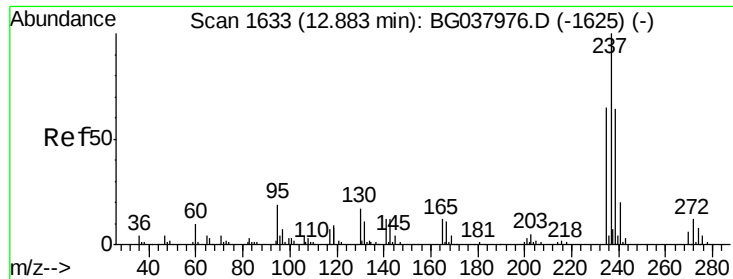
Ion 216.00 (215.70 to 216.70): E

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: 94.778 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

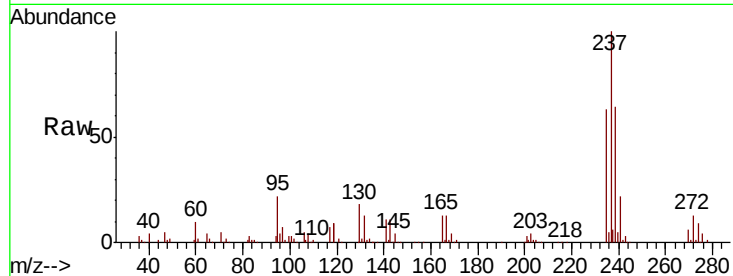
Tot Ion:237 Resp: 119122

Ion Ratio Lower Upper

237 100

235 63.2 42.5 82.5

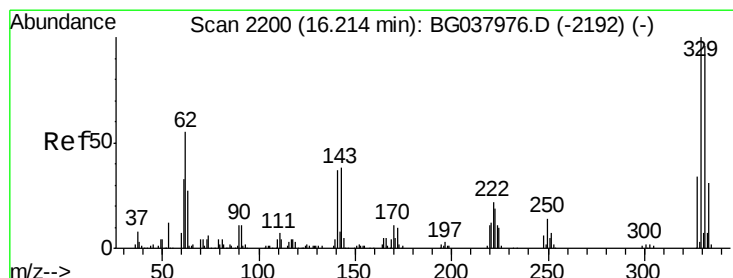
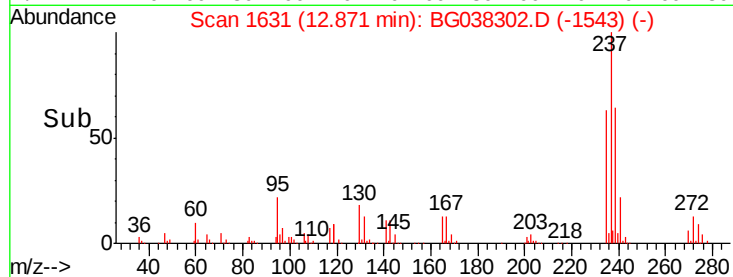
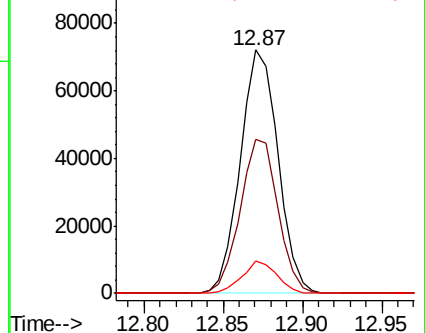
272 13.1 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 102.496 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

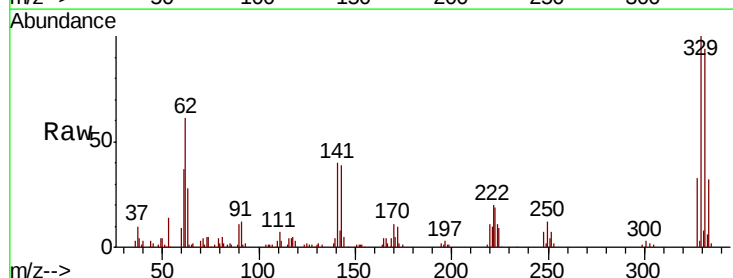
Tgt Ion:330 Resp: 82109

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

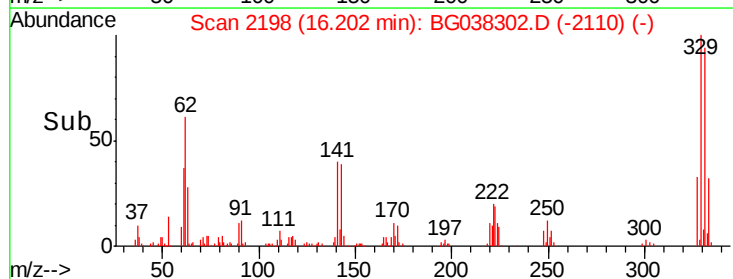
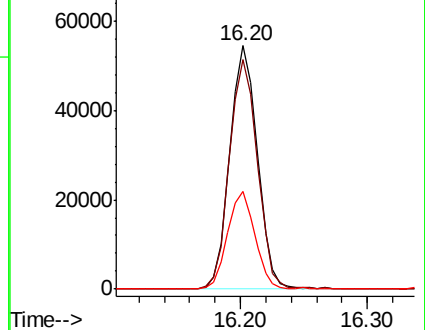
141 39.7 32.2 48.2

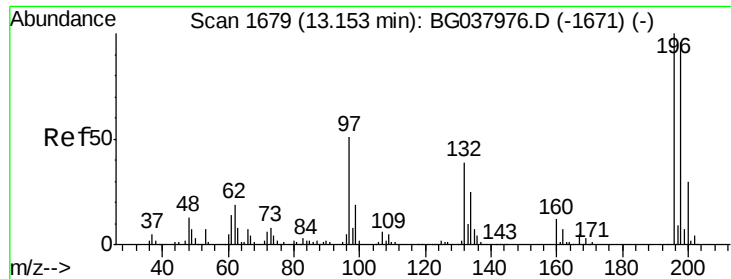


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

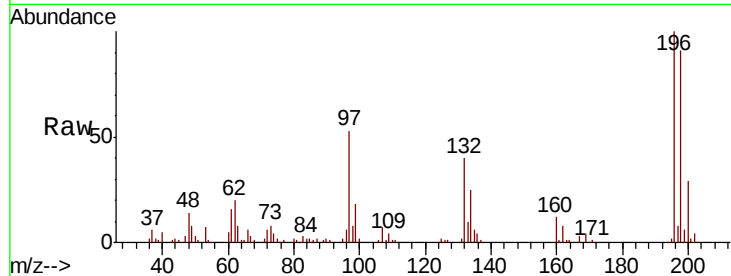




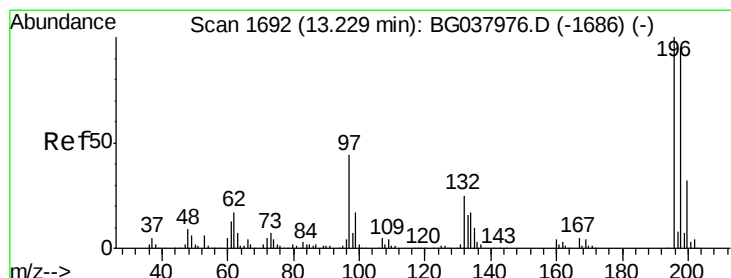
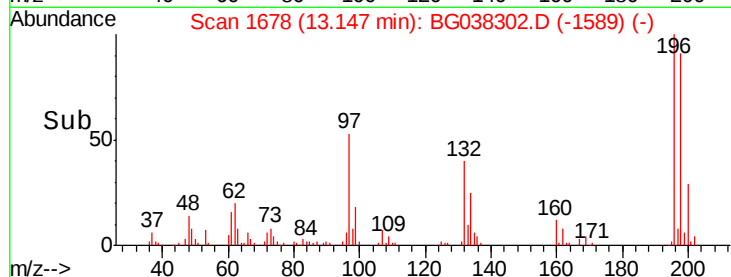
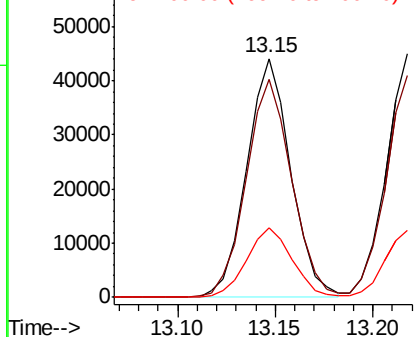
#43
 2,4,6-Trichlorophenol
 Concen: 42.788 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:196 Resp: 68437
 Ion Ratio Lower Upper
 196 100
 198 91.2 76.4 114.6
 200 29.3 24.9 37.3

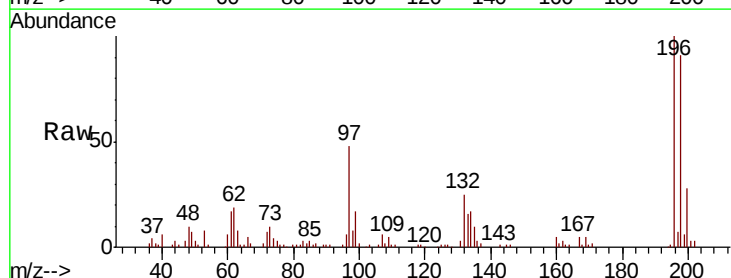


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

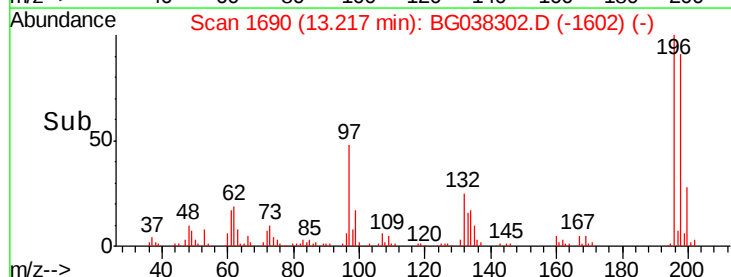
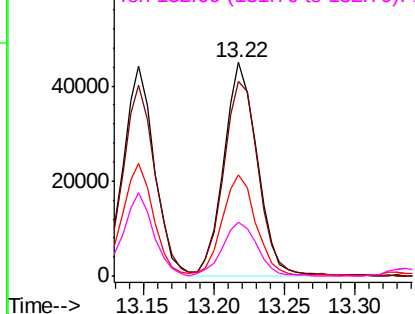


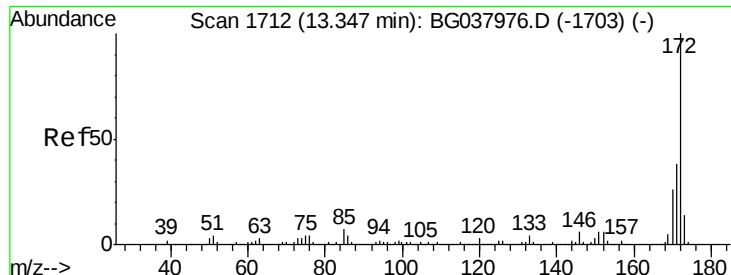
#44
 2,4,5-Trichlorophenol
 Concen: 44.314 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:196 Resp: 74577
 Ion Ratio Lower Upper
 196 100
 198 91.3 74.2 111.2
 97 47.5 34.1 51.1
 132 24.9 20.2 30.4



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

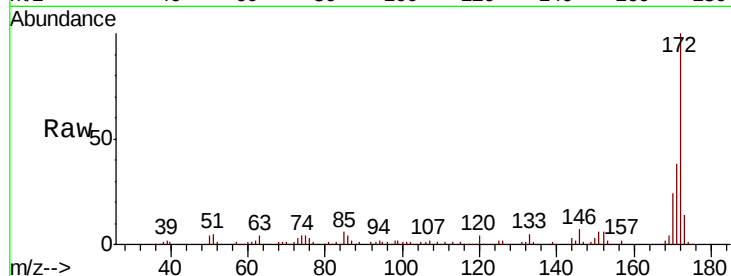




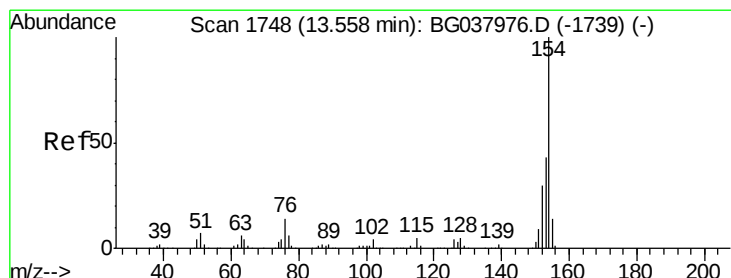
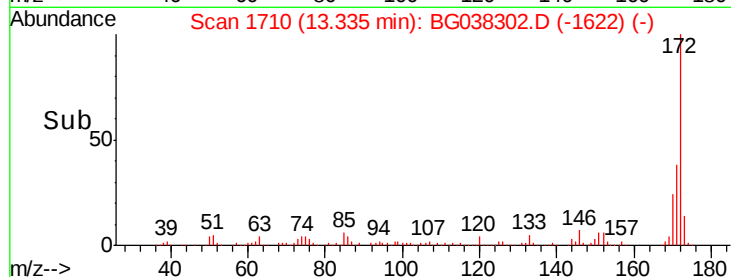
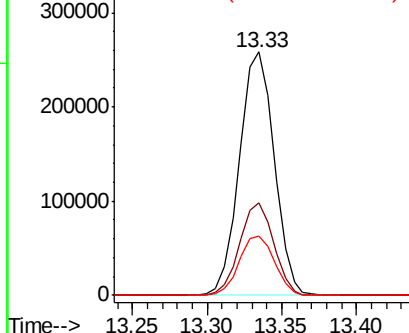
#45
 2-Fluorobiphenyl
 Concen: 86.576 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:172 Resp: 417426
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.0 46.4
 170 24.4 20.2 30.2

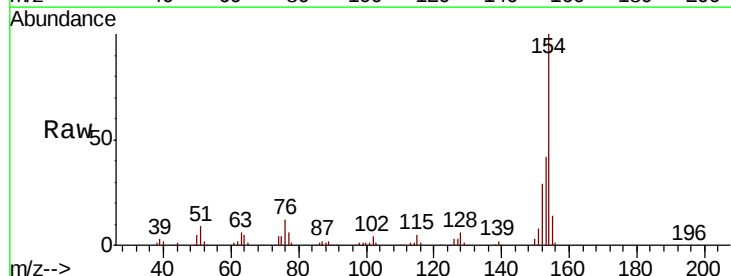


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

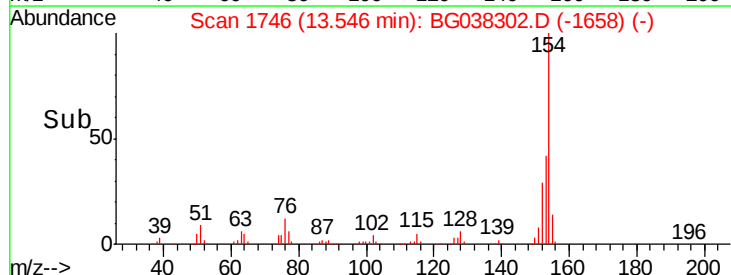
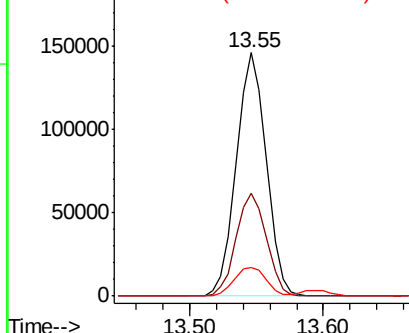


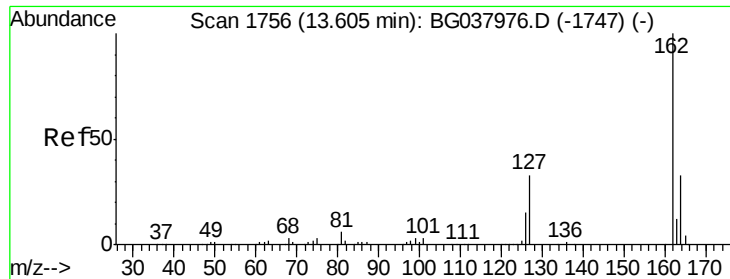
#46
 1,1'-Biphenyl
 Concen: 38.410 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:154 Resp: 226659
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 11.7 0.0 33.2



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): BG

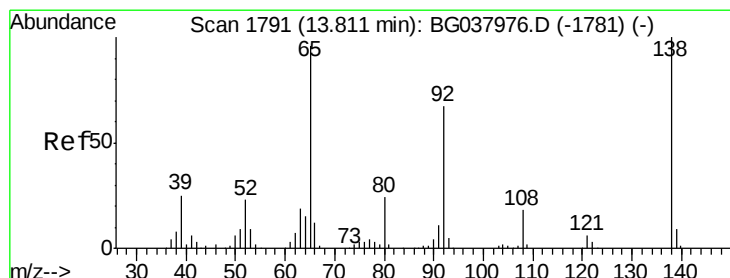
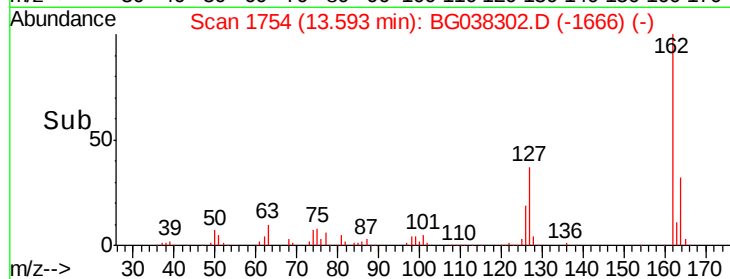
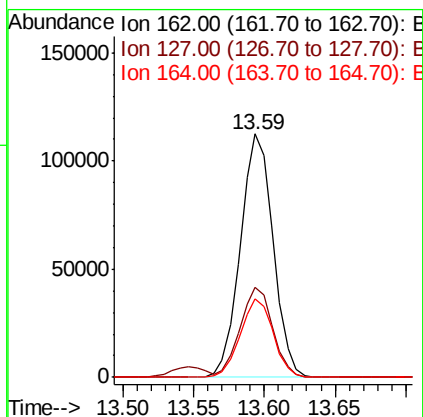
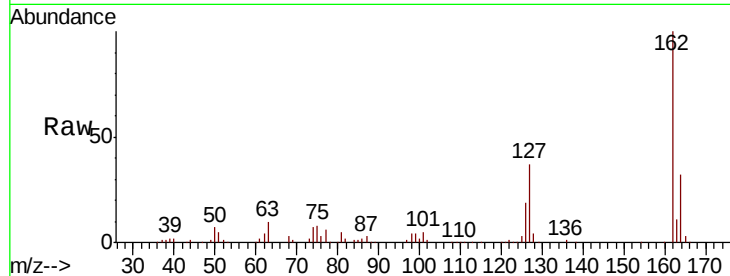




#47
 2-Chloronaphthalene
 Concen: 40.519 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

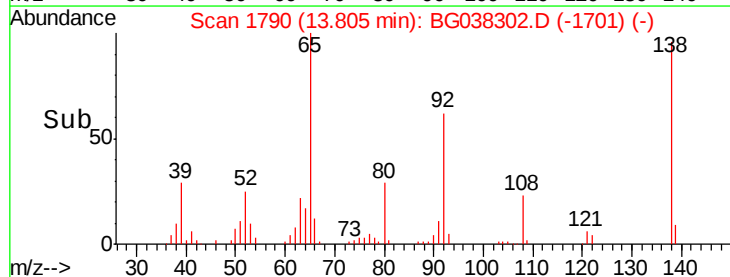
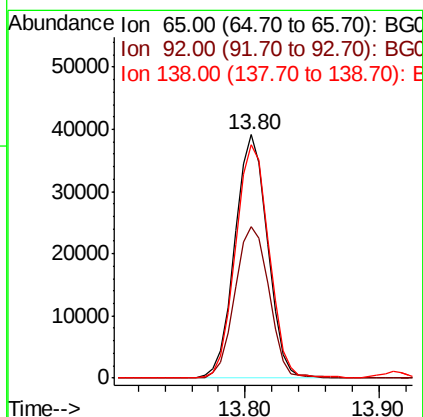
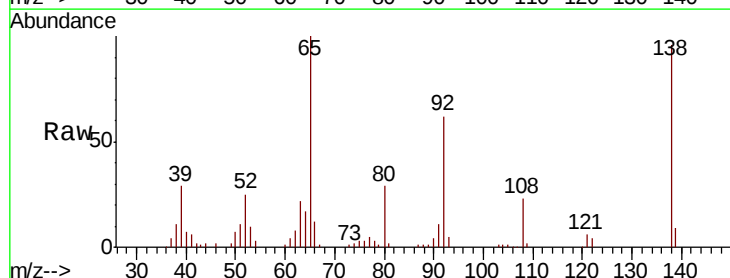
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

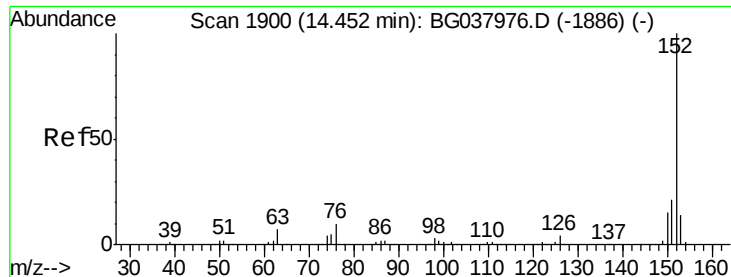
Tot Ion:162 Resp: 182460
 Ion Ratio Lower Upper
 162 100
 127 36.9 30.5 45.7
 164 32.1 26.4 39.6



#48
 2-Nitroaniline
 Concen: 46.799 ng
 RT: 13.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion: 65 Resp: 66325
 Ion Ratio Lower Upper
 65 100
 92 62.4 53.2 79.8
 138 96.1 79.3 118.9





#49

Acenaphthylene

Concen: 44.928 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

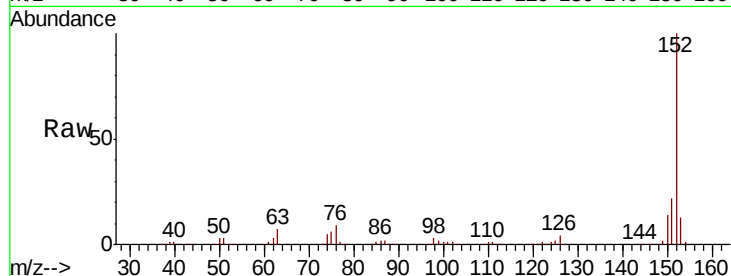
Tot Ion:152 Resp: 304234

Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

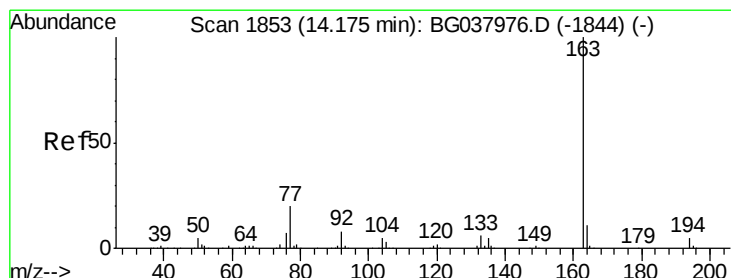
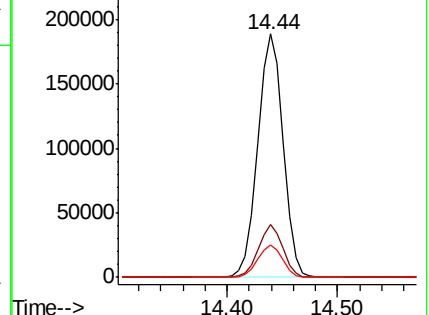
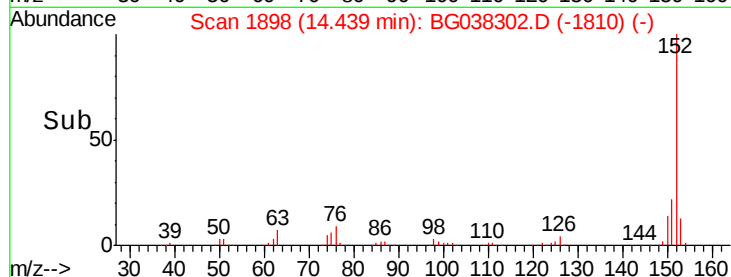
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.891 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

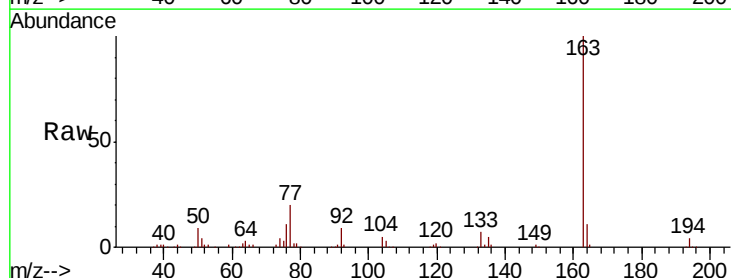
Tgt Ion:163 Resp: 249983

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

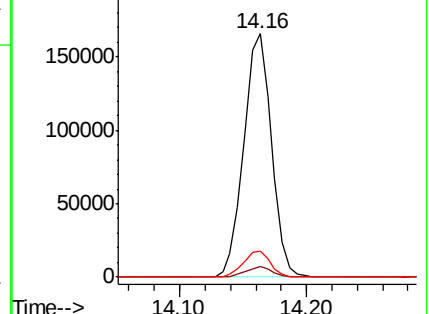
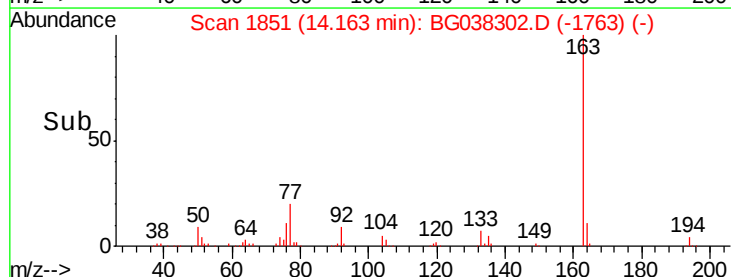
164 10.6 8.5 12.7

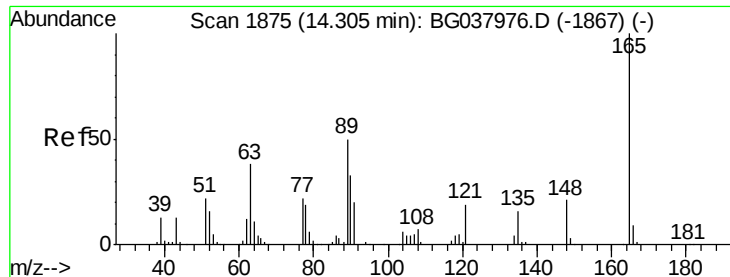


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.741 ng

RT: 14.29 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

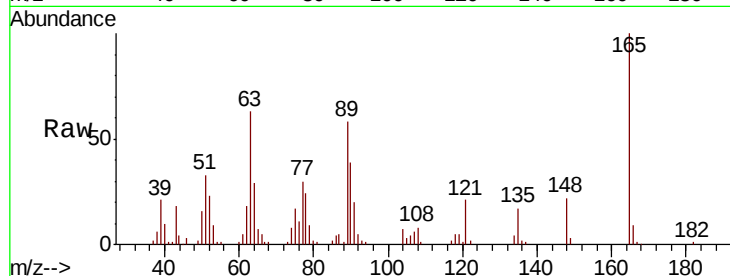
Tot Ion:165 Resp: 56388

Ion Ratio Lower Upper

165 100

63 62.6 43.4 65.2

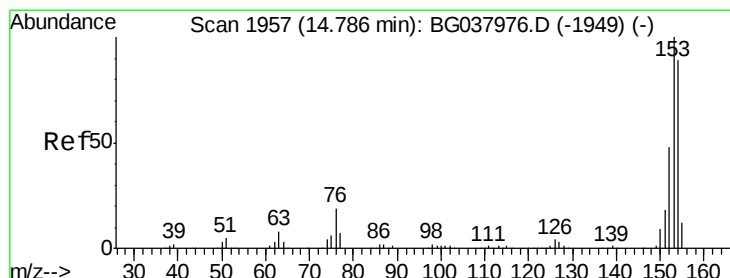
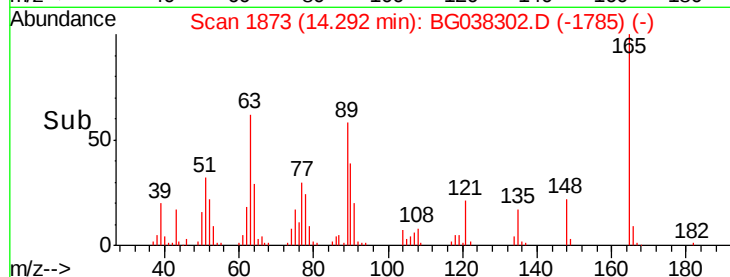
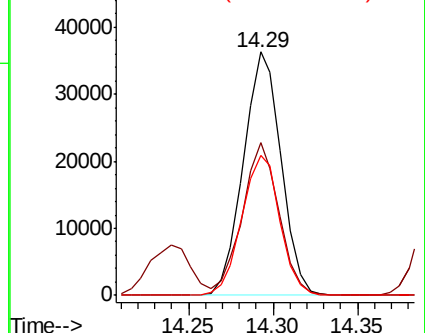
89 57.7 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.414 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

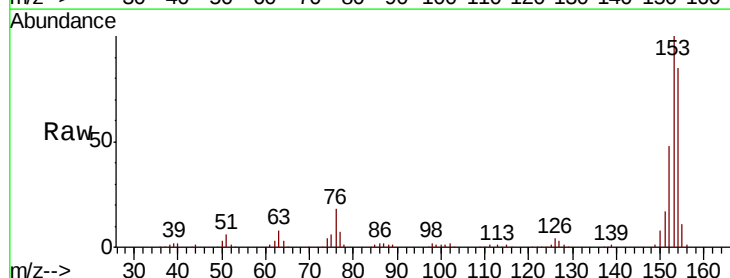
Tgt Ion:154 Resp: 172906

Ion Ratio Lower Upper

154 100

153 117.3 93.4 140.0

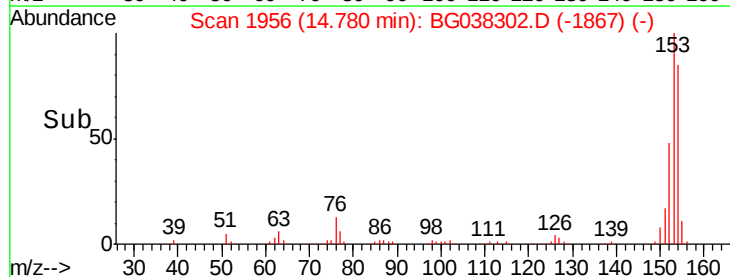
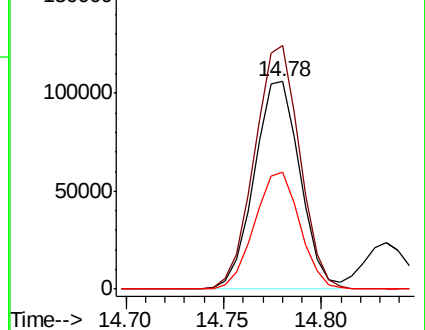
152 56.5 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.524 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

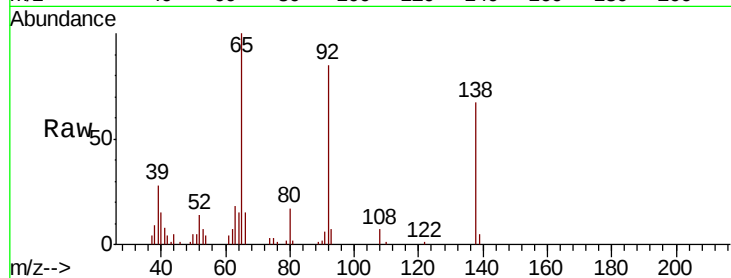
Tot Ion:138 Resp: 18808

Ion Ratio Lower Upper

138 100

108 11.2 11.0 16.6

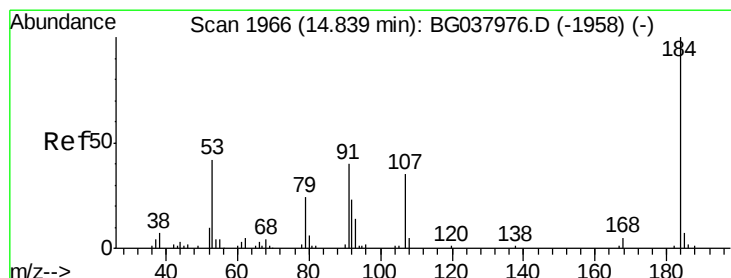
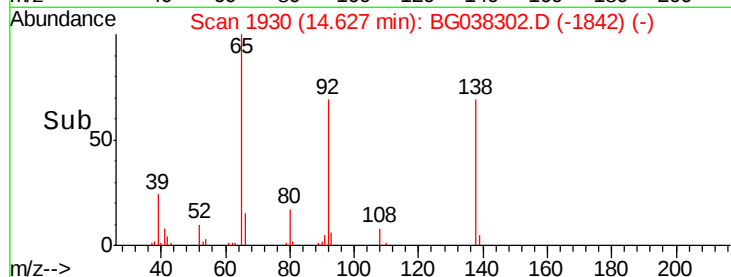
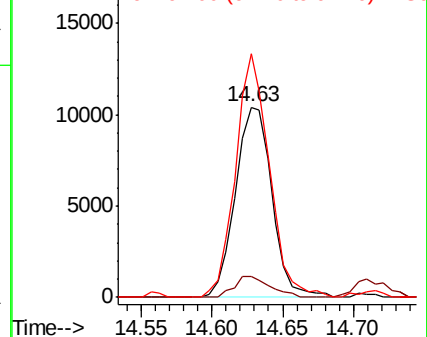
92 128.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.267 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

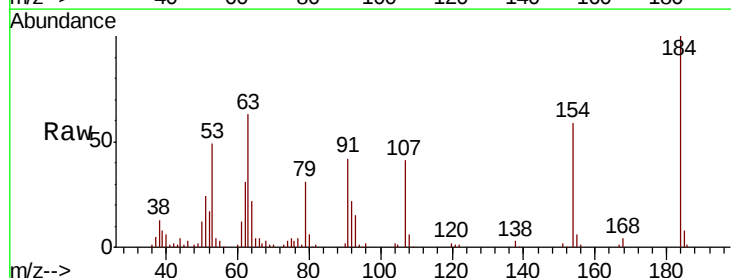
Tgt Ion:184 Resp: 64625

Ion Ratio Lower Upper

184 100

63 63.5 42.6 63.8

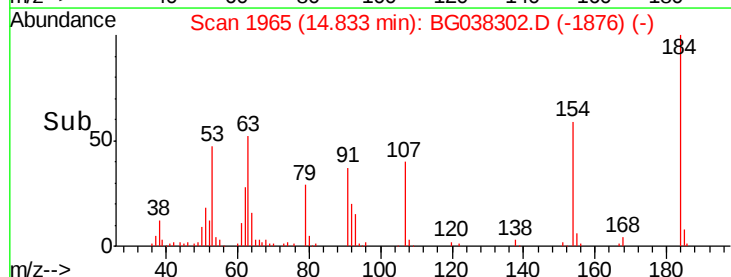
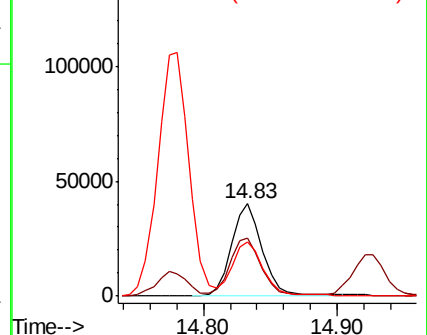
154 59.2 41.8 62.6

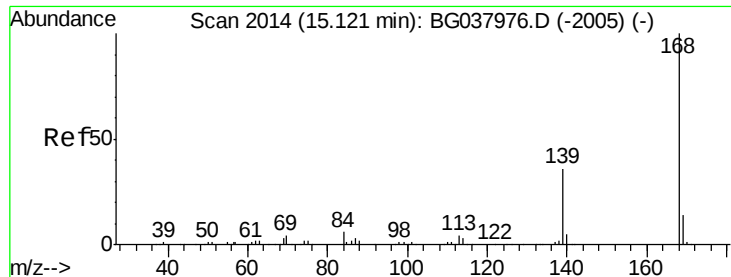


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

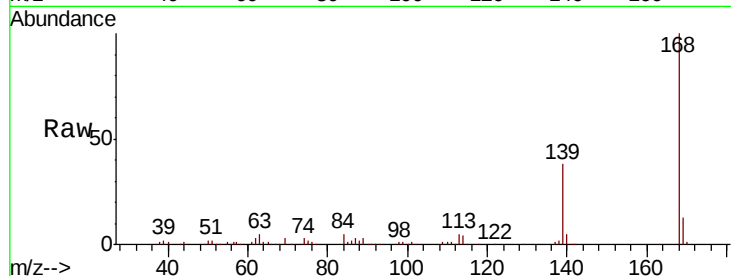




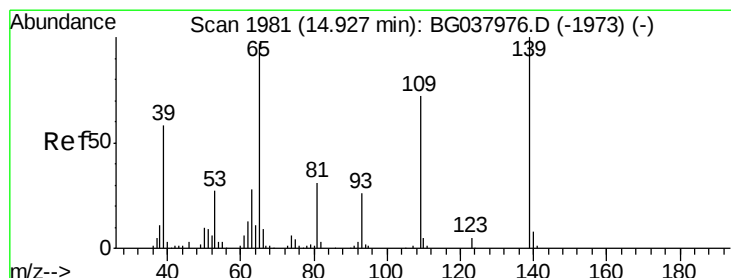
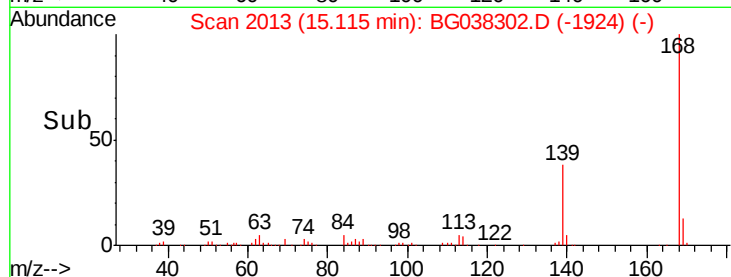
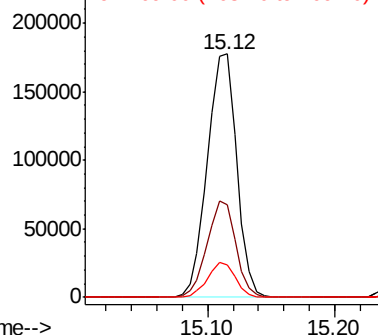
#55
Dibenzofuran
Concen: 42.261 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:168 Resp: 284880
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.0
169 13.3 11.0 16.6

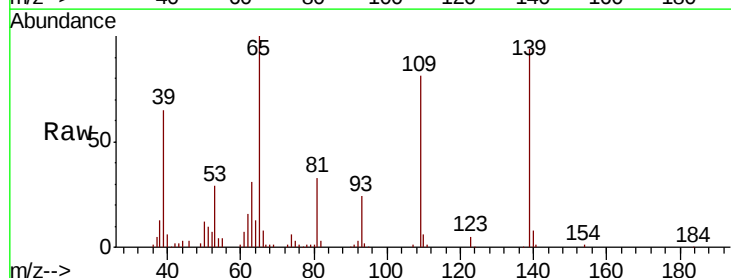


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

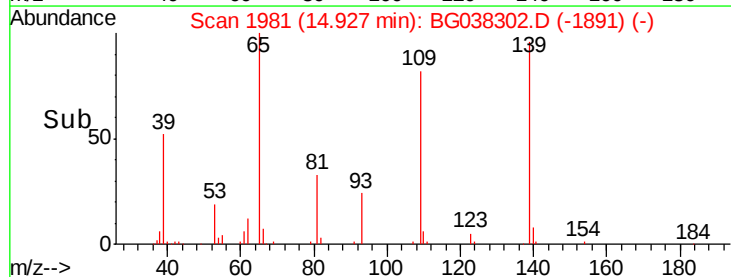
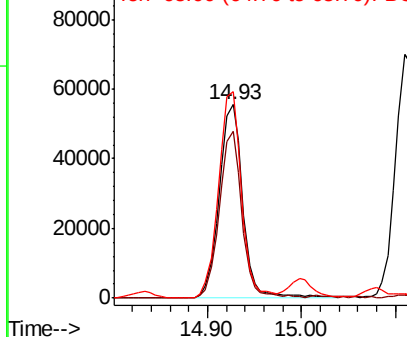


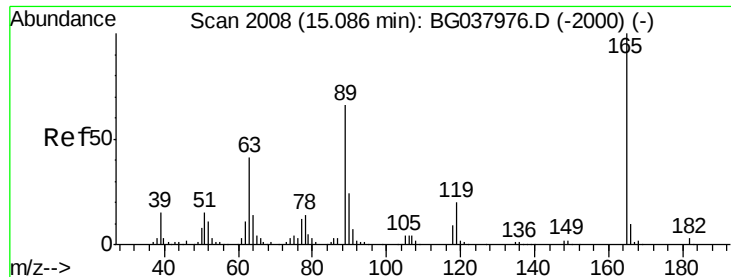
#56
4-Nitrophenol
Concen: 91.230 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:139 Resp: 97853
Ion Ratio Lower Upper
139 100
109 86.2 49.5 89.5
65 106.7 76.8 116.8



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

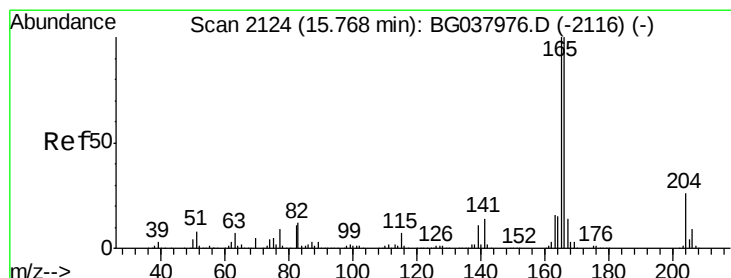
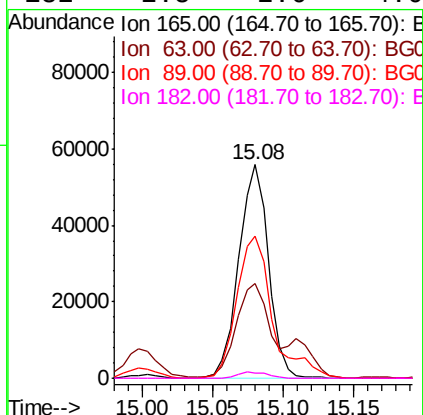
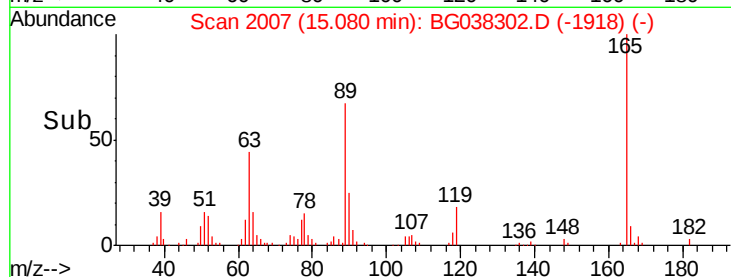
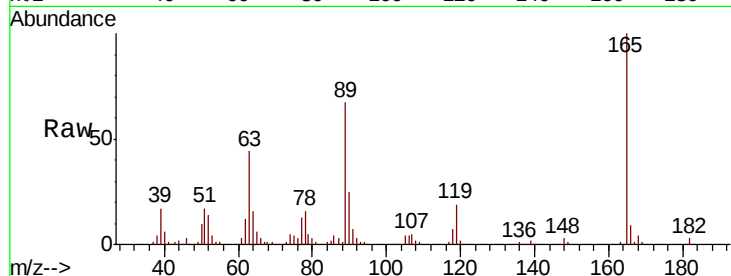




#57
 2,4-Dinitrotoluene
 Concen: 47.679 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

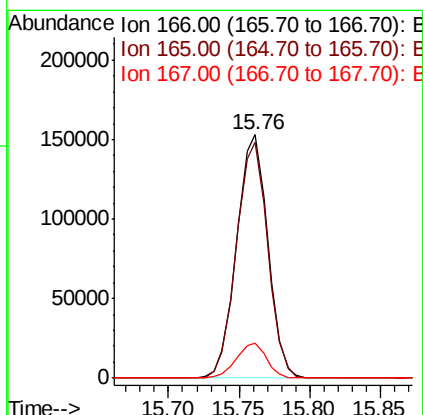
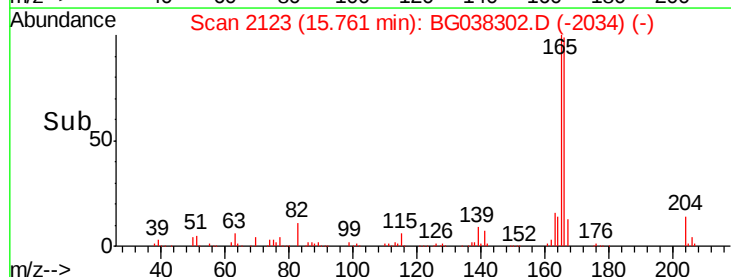
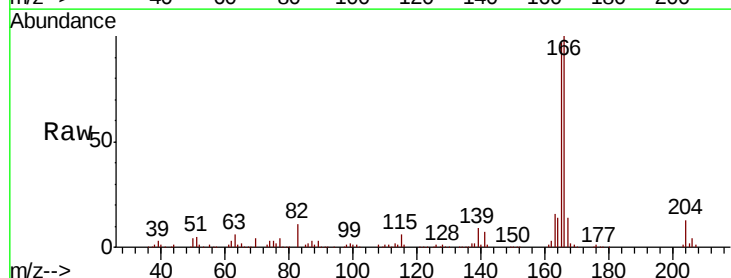
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

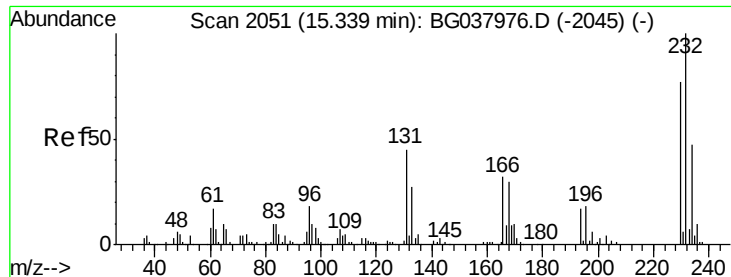
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.4	50.0
89	66.8	57.2	85.8
182	2.5	2.6	4.0



#58
 Fluorene
 Concen: 46.794 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.6
167	14.3	11.3	16.9

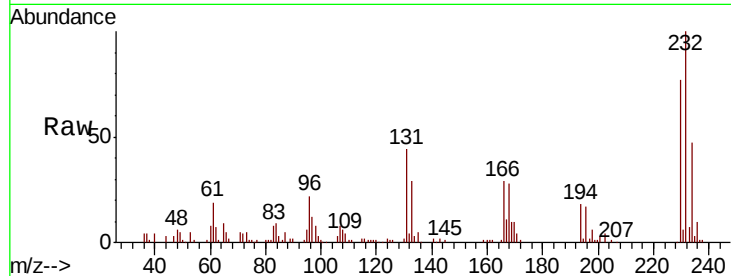




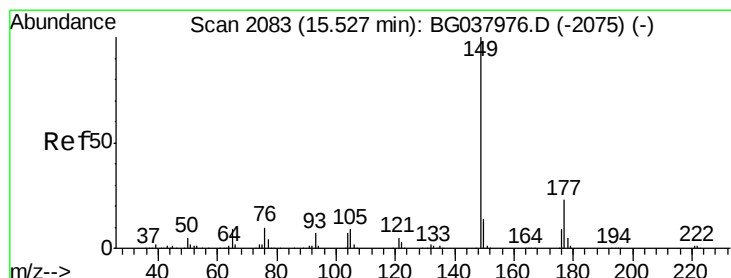
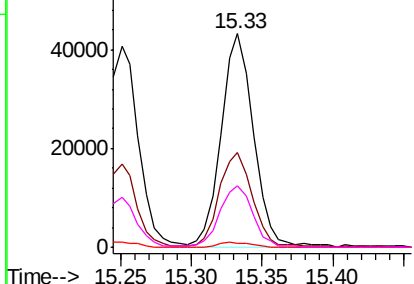
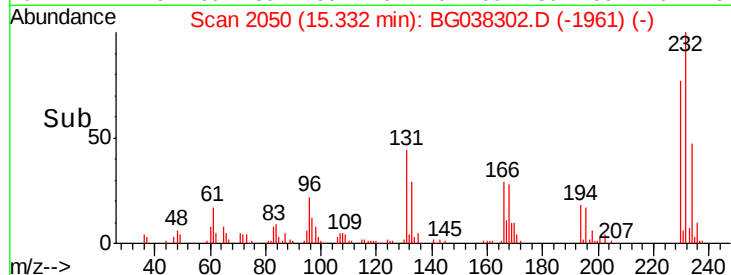
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.243 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:232 Resp: 69345
 Ion Ratio Lower Upper
 232 100
 131 45.4 33.7 50.5
 130 2.4 2.1 3.1
 166 29.3 24.6 36.8

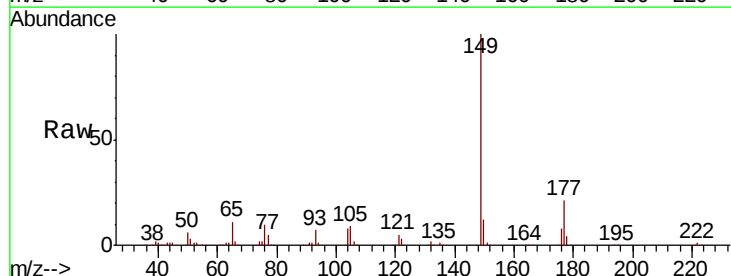


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

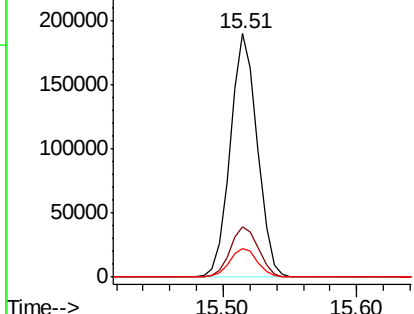
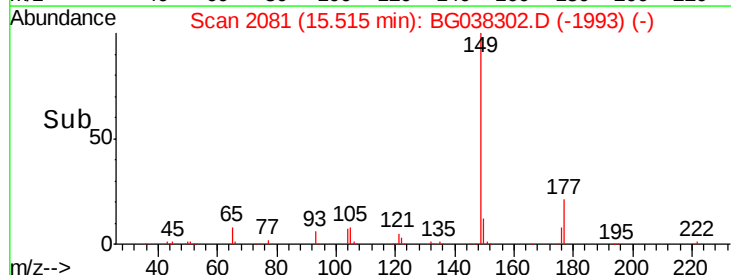


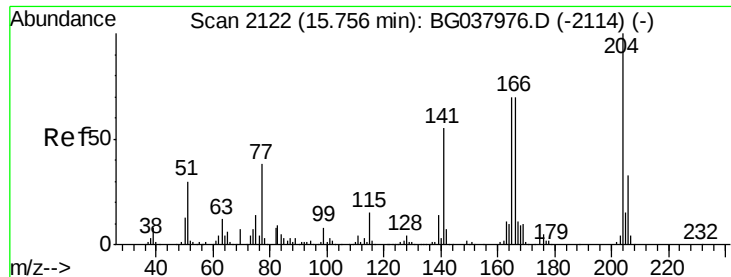
#60
 Diethylphthalate
 Concen: 45.122 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:149 Resp: 266885
 Ion Ratio Lower Upper
 149 100
 177 20.8 18.3 27.5
 150 12.0 10.0 15.0



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

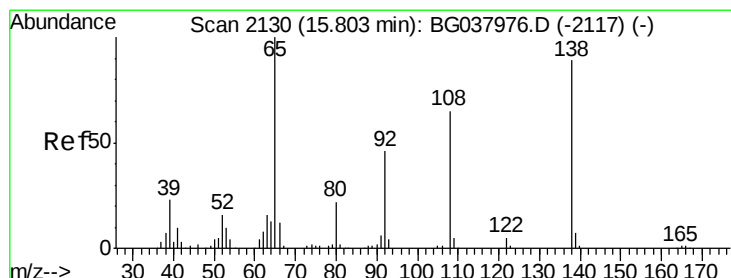
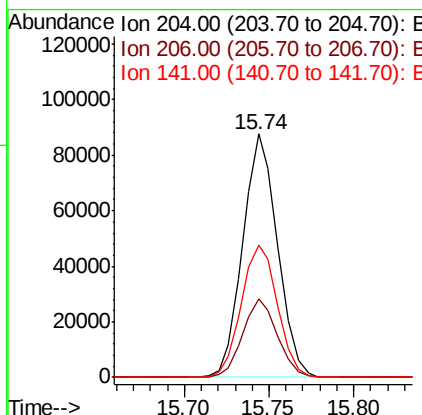
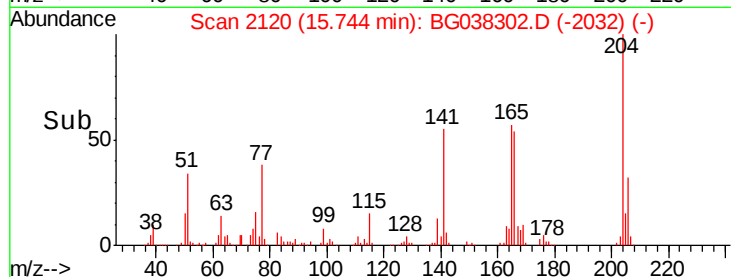
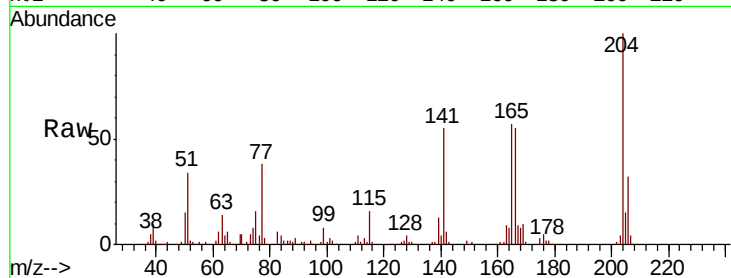




#61
4-Chlorophenyl-phenylether
Concen: 42.492 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

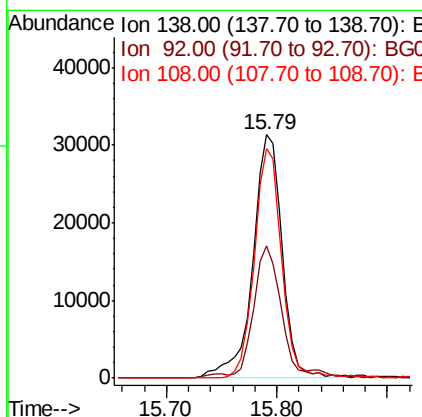
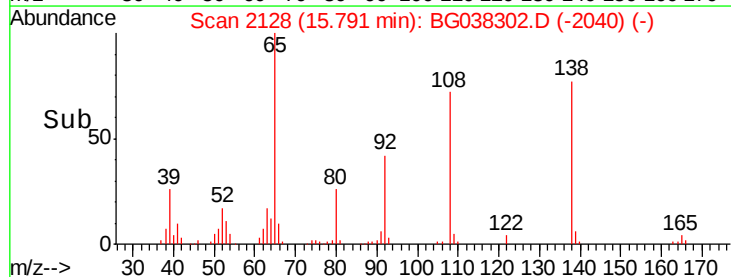
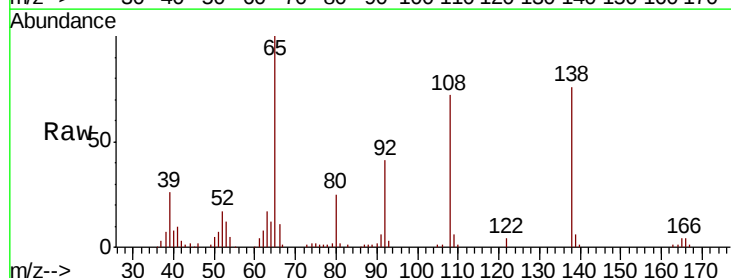
Instrument :
BNA_G
ClientSampleID :
PB115183BSD

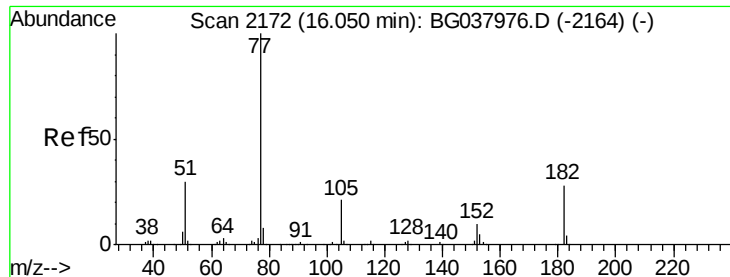
Tot Ion:204 Resp: 125053
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 54.5 45.4 68.2



#62
4-Nitroaniline
Concen: 42.258 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:138 Resp: 58382
Ion Ratio Lower Upper
138 100
92 54.1 36.4 76.4
108 94.3 60.1 100.1





#63

Azobenzene

Concen: 45.225 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tot Ion: 77 Resp: 239166

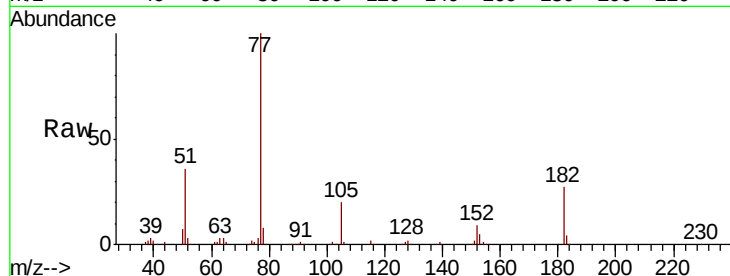
Ion Ratio Lower Upper

77 100

182 27.0 8.0 48.0

105 19.6 1.3 41.3

51 35.6 10.7 50.7

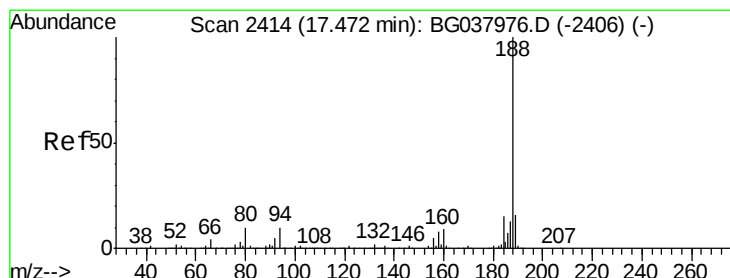
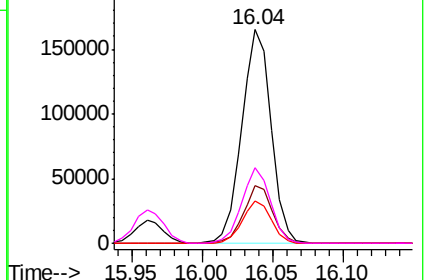
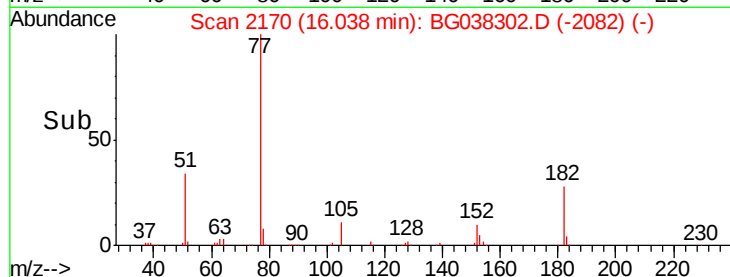


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

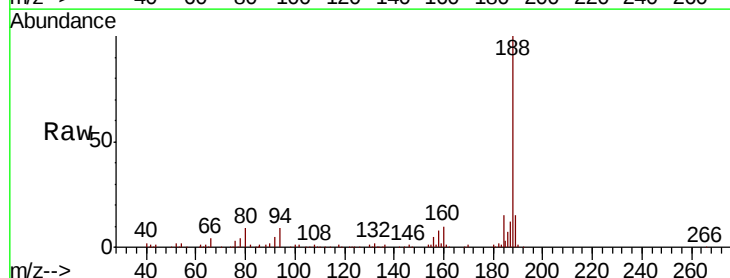
Tgt Ion: 188 Resp: 175316

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

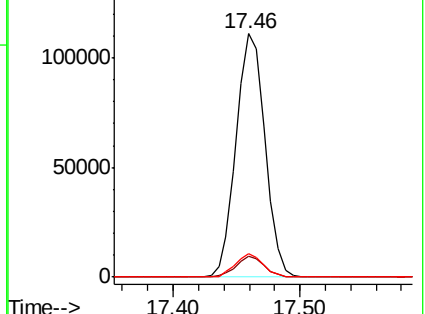
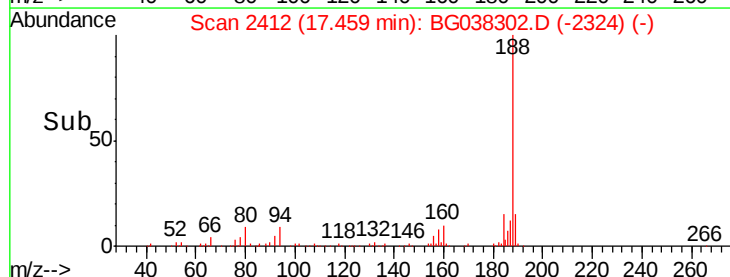
80 9.4 7.7 11.5

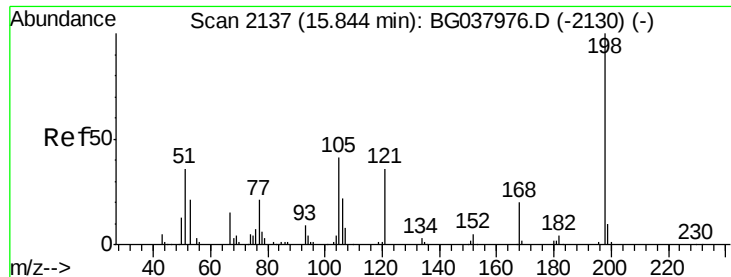


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.185 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

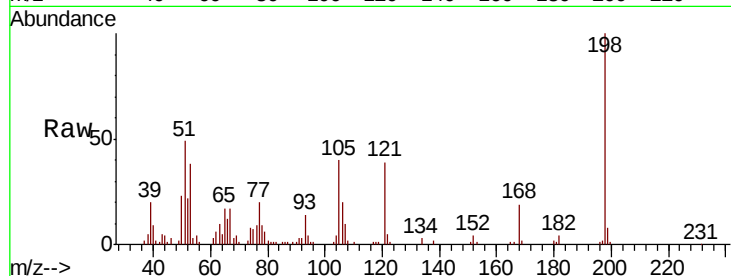
BNA_G

ClientSampleId :

PB115183BSD

Tot Ion:198 Resp: 47887

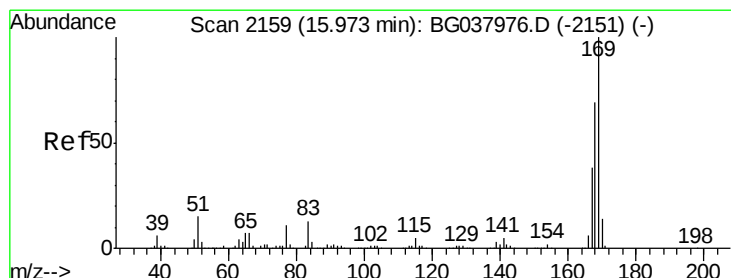
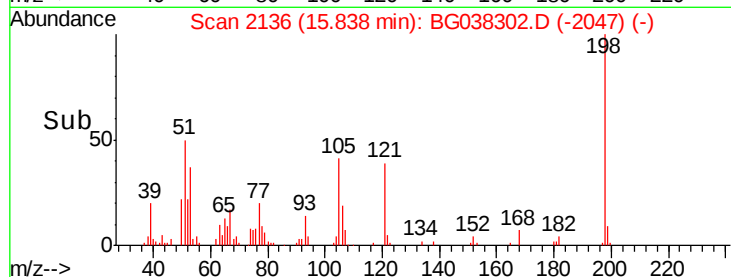
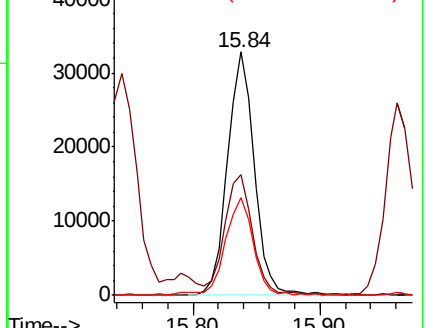
Ion	Ratio	Lower	Upper
198	100		
51	49.5	22.7	62.7
105	40.2	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037976.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.097 ng

RT: 15.96 min Scan# 2157

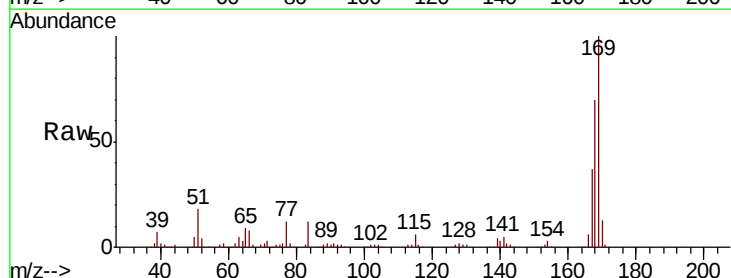
Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Tgt Ion:169 Resp: 212666

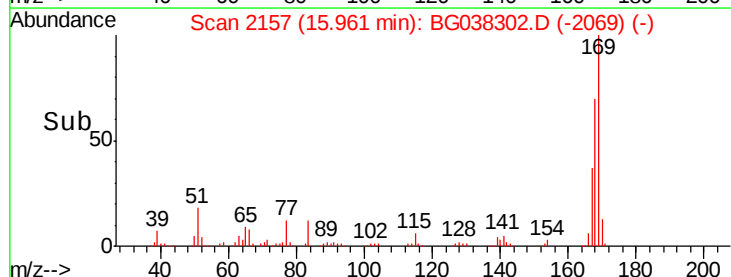
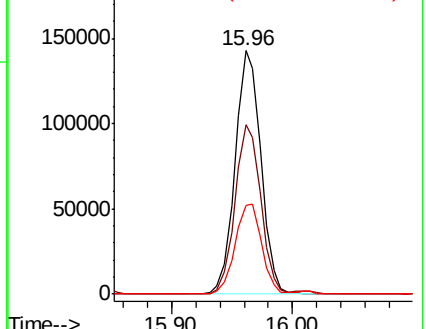
Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	36.5	31.3	46.9

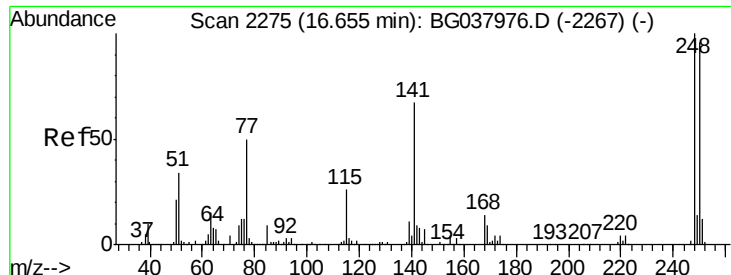


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

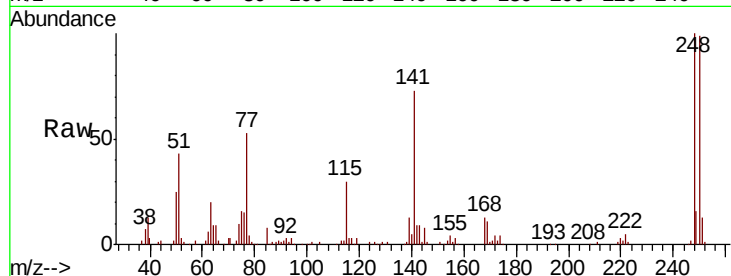




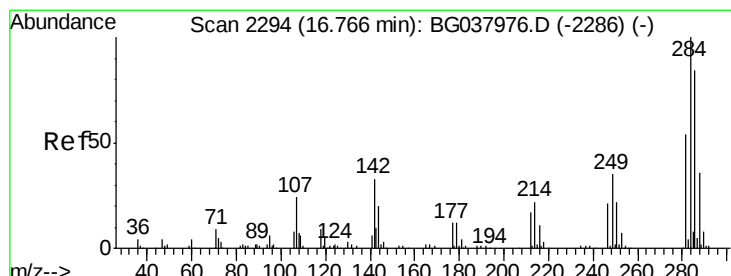
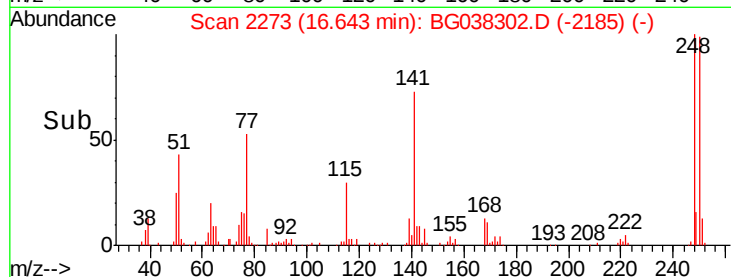
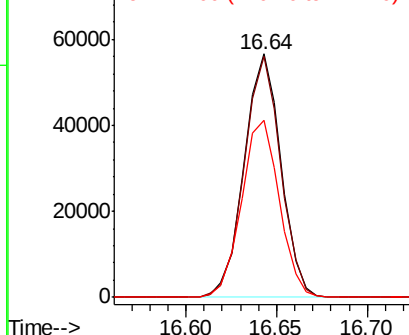
#67
 4-Bromophenyl-phenylether
 Concen: 41.419 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tot Ion:248 Resp: 79700
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.0 115.6
 141 72.7 55.5 83.3

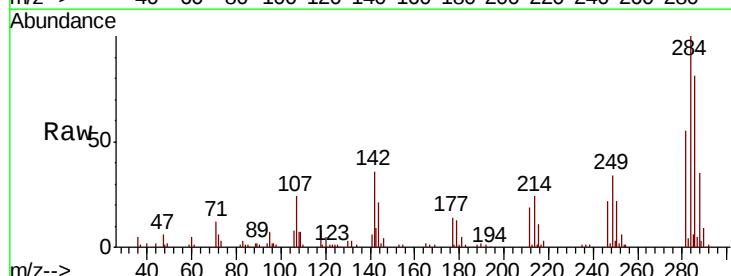


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

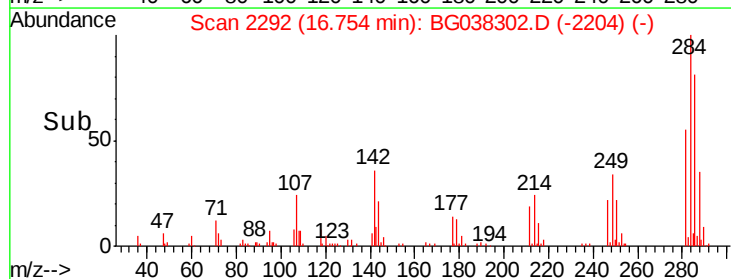
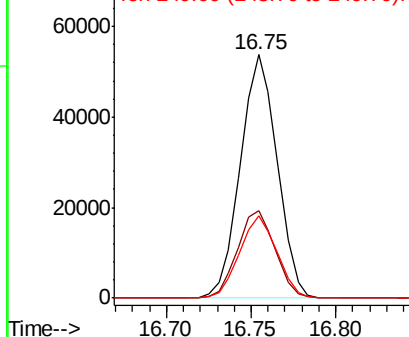


#68
 Hexachlorobenzene
 Concen: 41.075 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:284 Resp: 81584
 Ion Ratio Lower Upper
 284 100
 142 35.8 28.1 42.1
 249 36.4 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.997 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

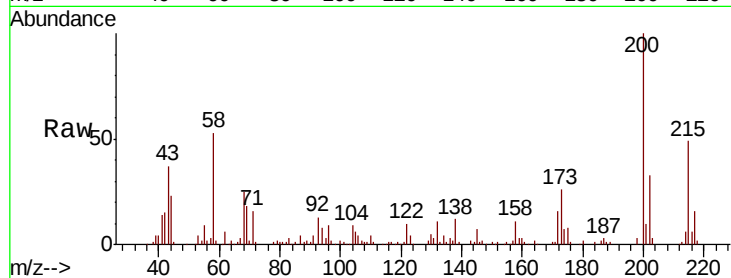
Tot Ion:200 Resp: 86021

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

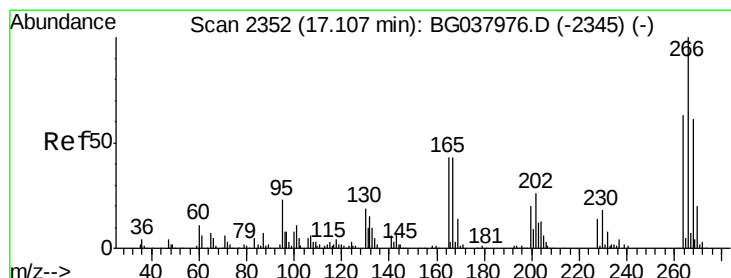
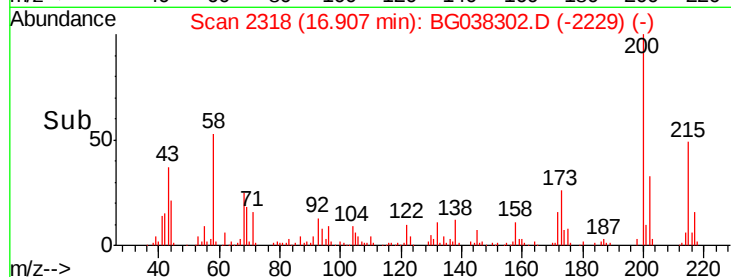
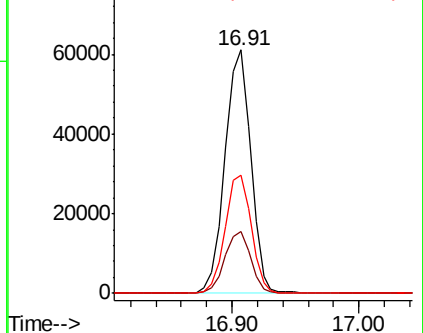
215 48.6 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.253 ng

RT: 17.10 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

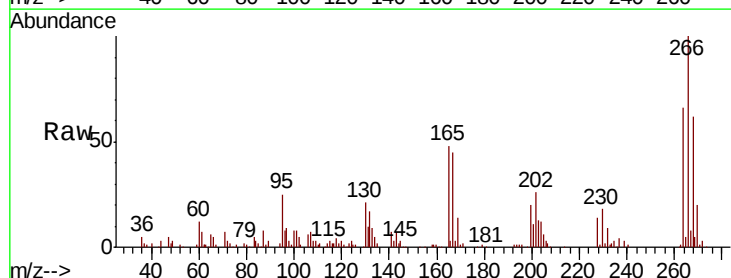
Tgt Ion:266 Resp: 101513

Ion Ratio Lower Upper

266 100

268 67.2 55.0 82.6

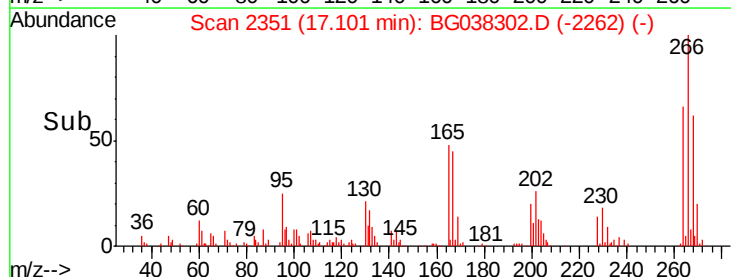
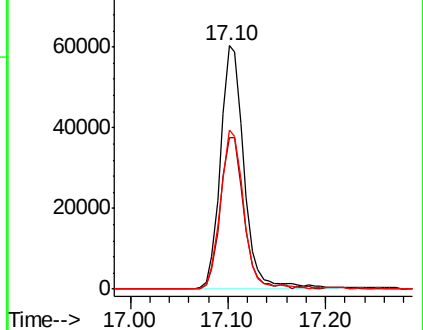
264 71.0 58.9 88.3

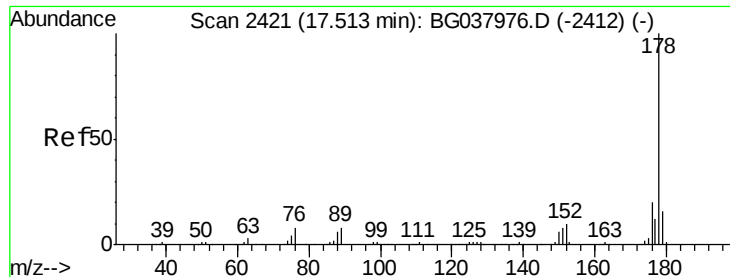


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

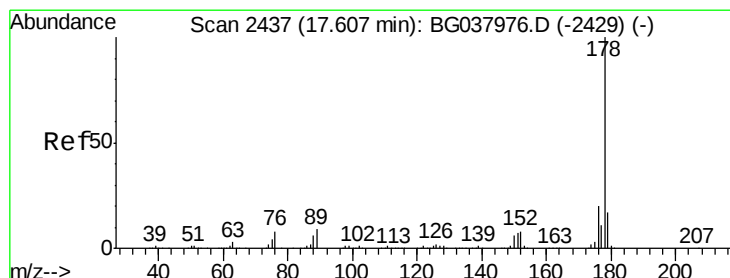
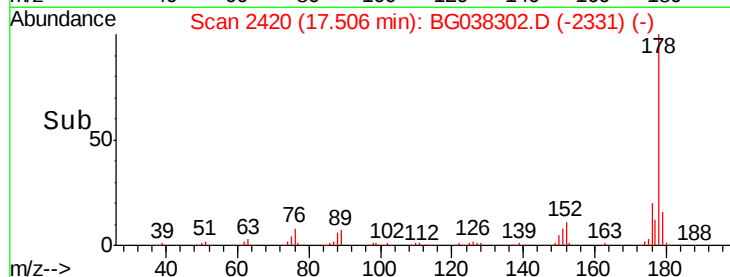
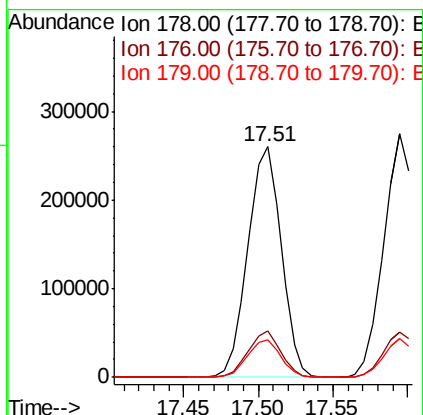
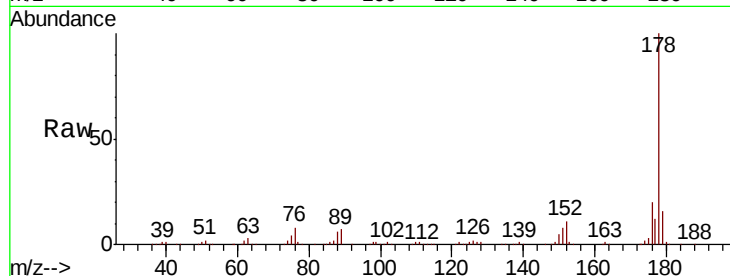




#71
Phenanthrene
Concen: 44.847 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

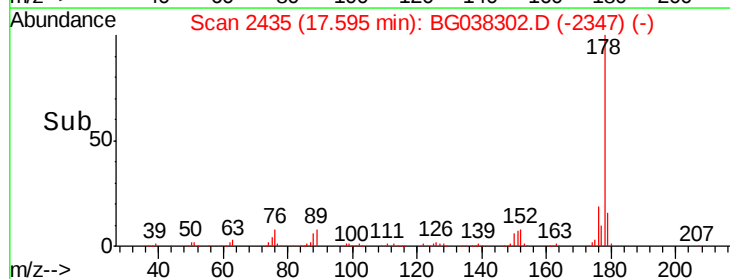
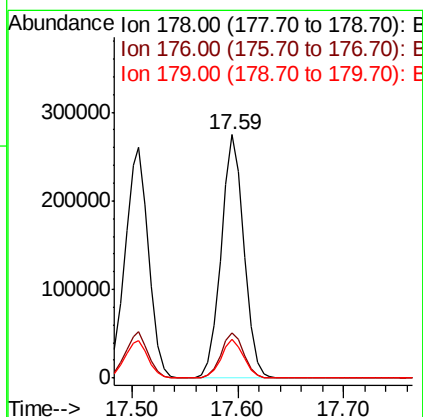
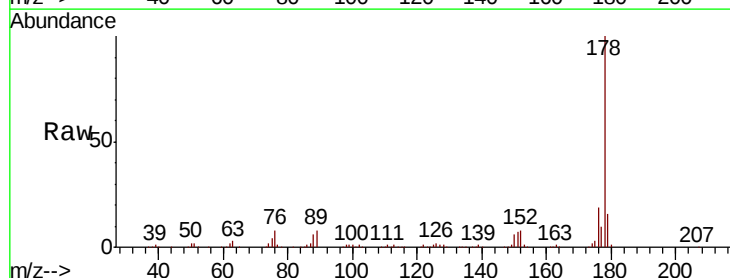
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

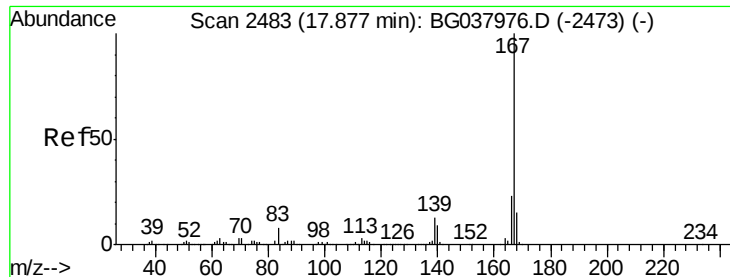
Tot Ion:178 Resp: 402540
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.3 13.0 19.4



#72
Anthracene
Concen: 46.331 ng
RT: 17.59 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:178 Resp: 409932
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.9 12.8 19.2





#73

Carbazole

Concen: 42.517 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

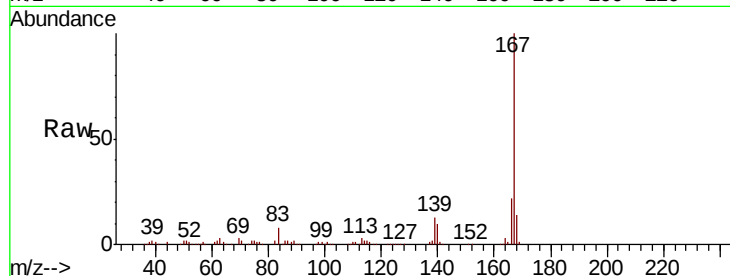
Tot Ion:167 Resp: 377423

Ion Ratio Lower Upper

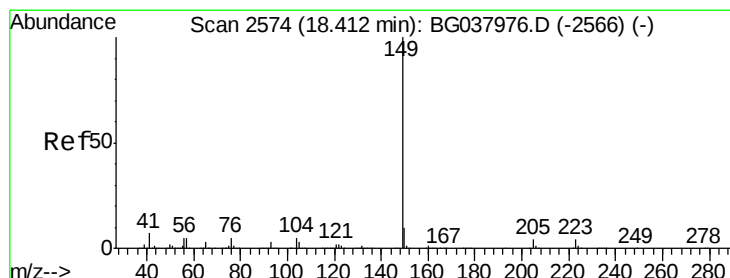
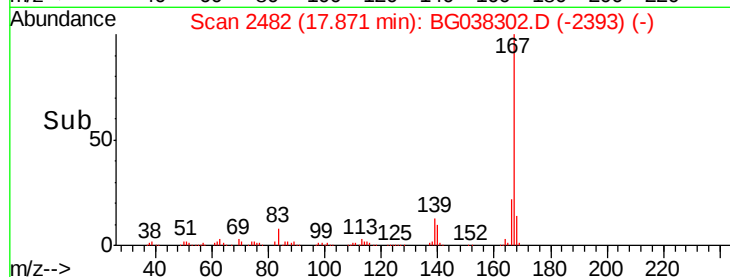
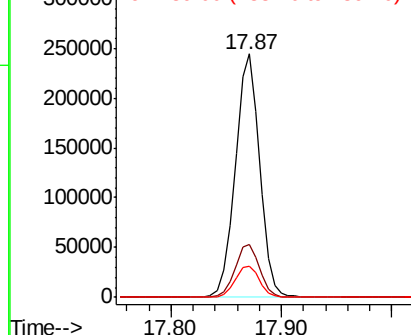
167 100

166 21.7 18.3 27.5

139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.110 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

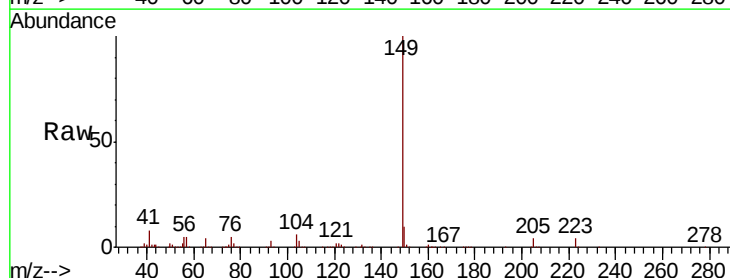
Tgt Ion:149 Resp: 469445

Ion Ratio Lower Upper

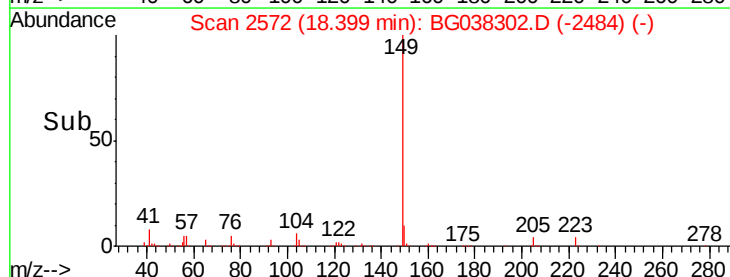
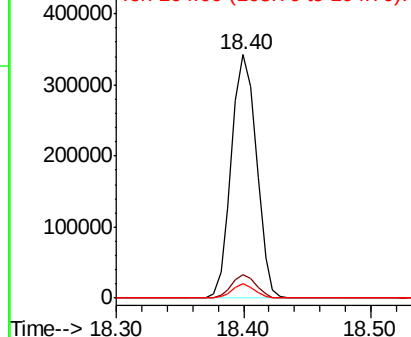
149 100

150 9.6 8.2 12.2

104 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.713 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

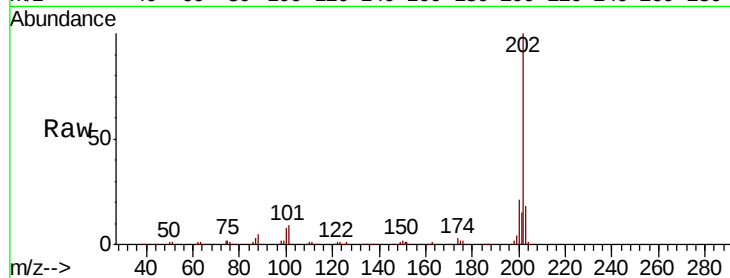
Tot Ion:202 Resp: 498862

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.7

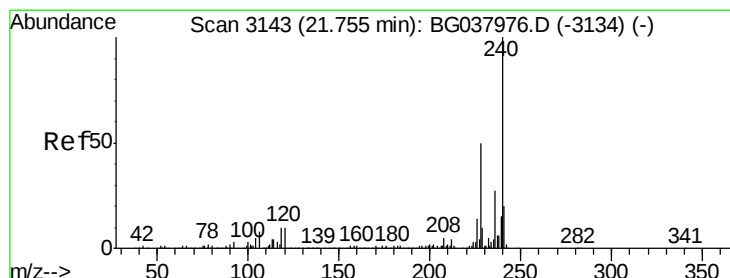
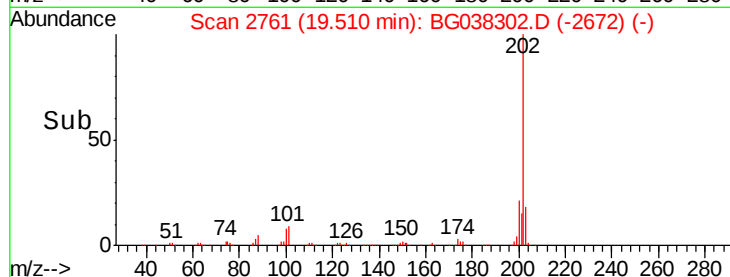
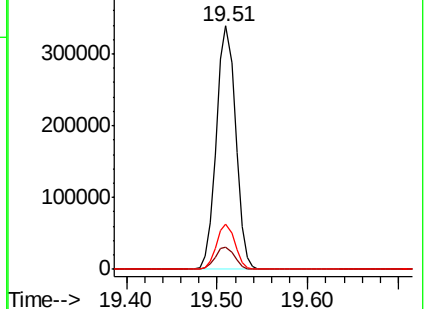
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

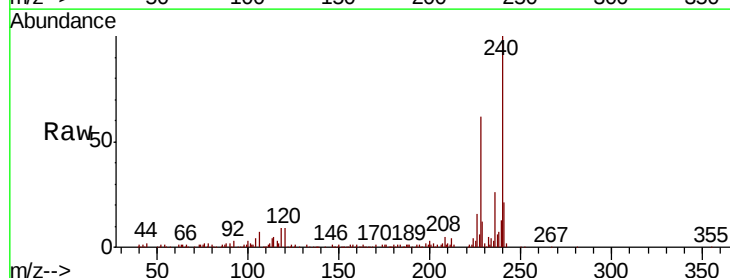
Tgt Ion:240 Resp: 167506

Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

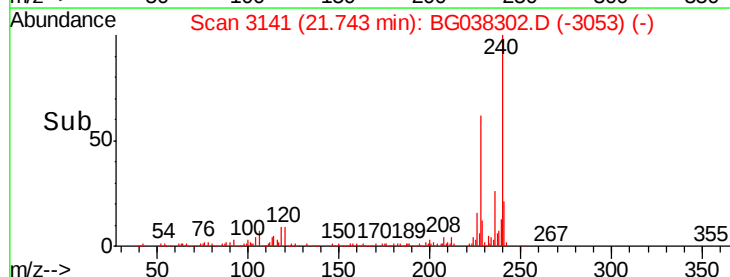
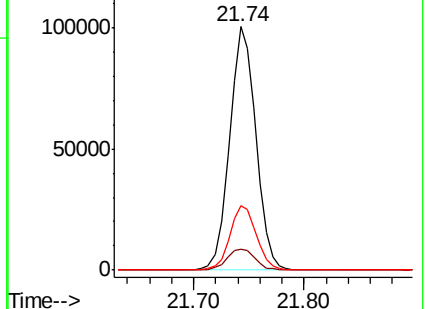
236 26.4 21.4 32.0

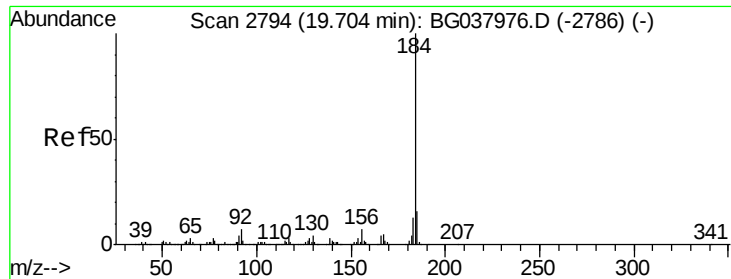


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.989 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

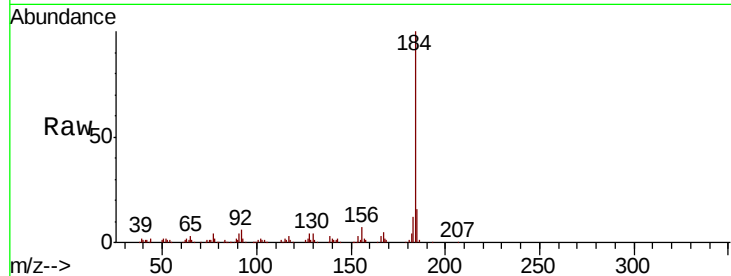
Tot Ion:184 Resp: 117489

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

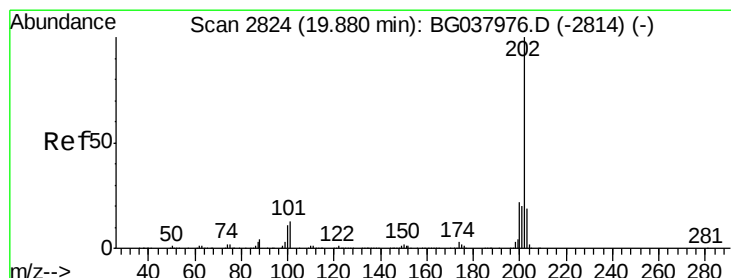
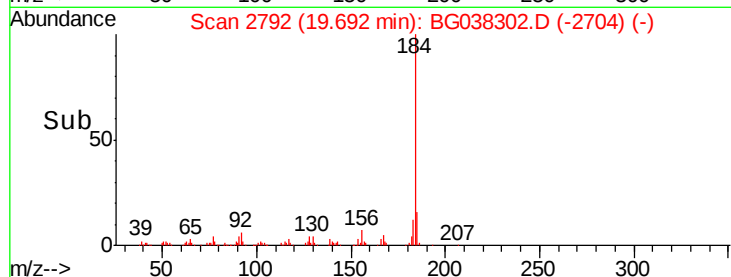
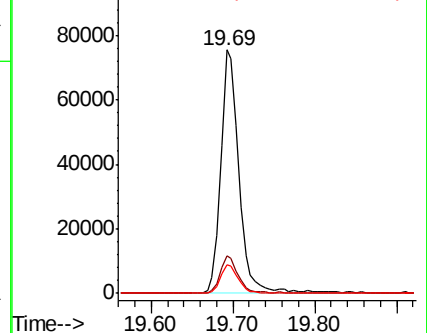
183 11.8 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.099 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

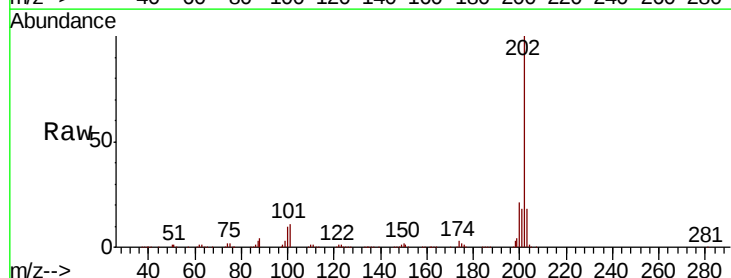
Tgt Ion:202 Resp: 493907

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

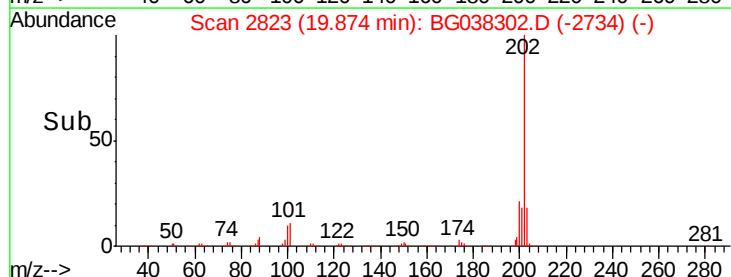
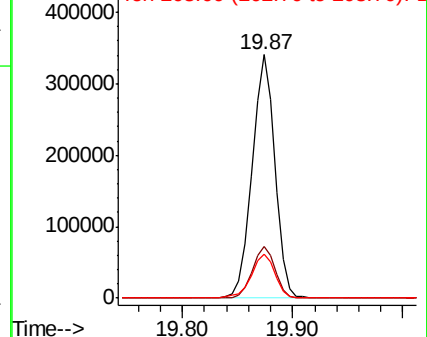
203 18.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.395 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

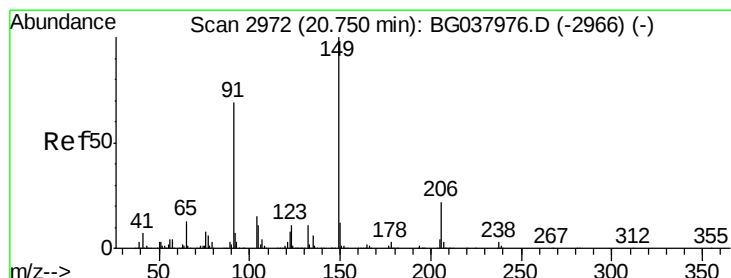
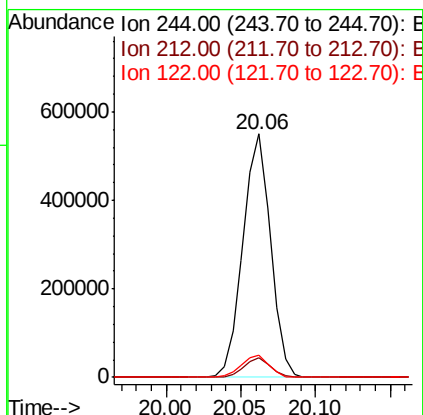
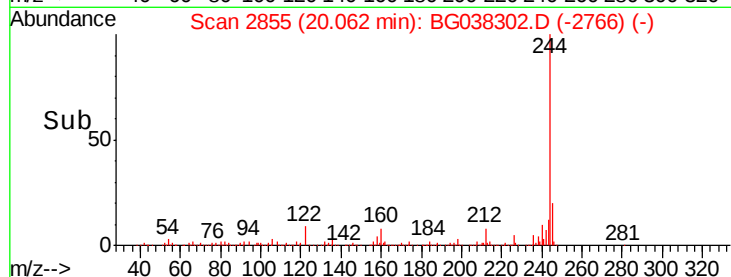
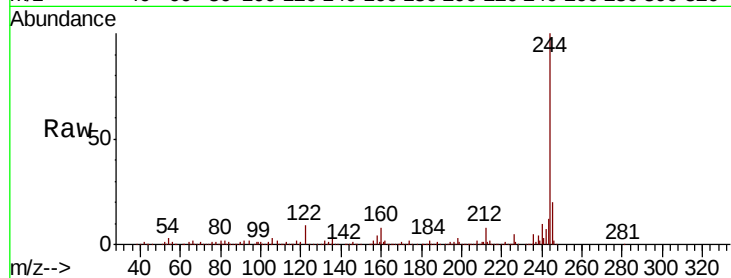
Tot Ion:244 Resp: 707574

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.415 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

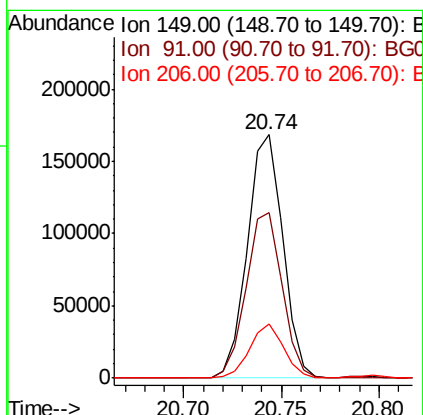
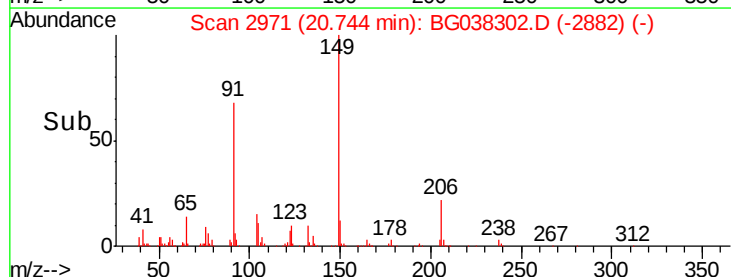
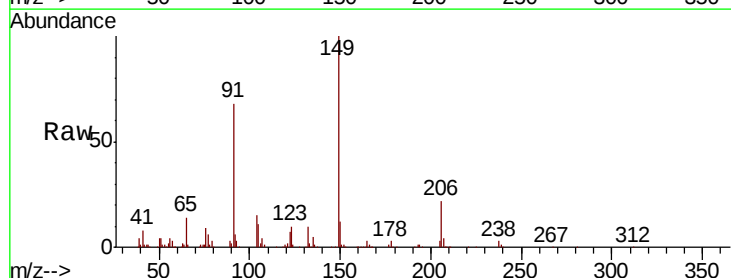
Tgt Ion:149 Resp: 212719

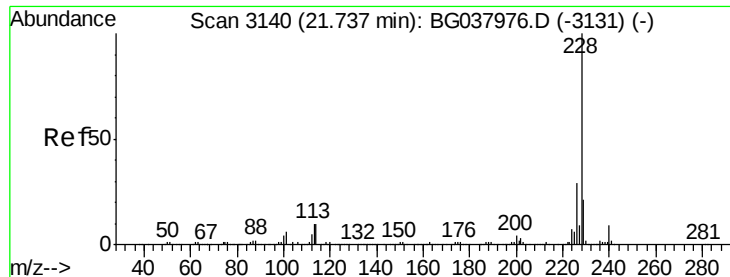
Ion Ratio Lower Upper

149 100

91 68.1 57.0 85.4

206 22.3 17.8 26.6





#81

Benzo(a)anthracene

Concen: 46.321 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

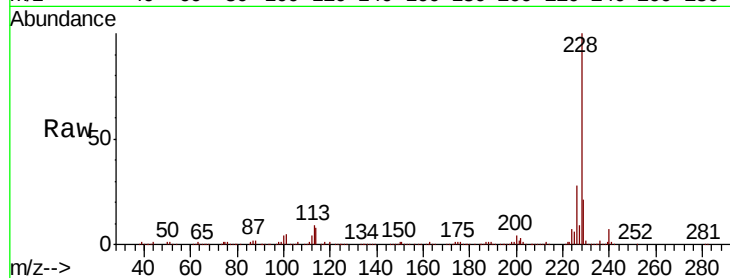
Tot Ion:228 Resp: 468890

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

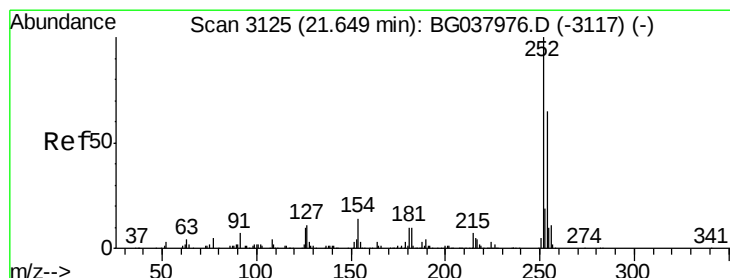
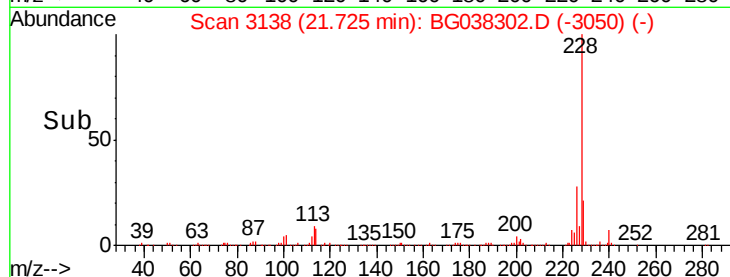
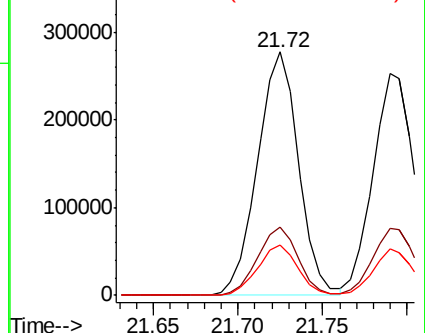
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.405 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

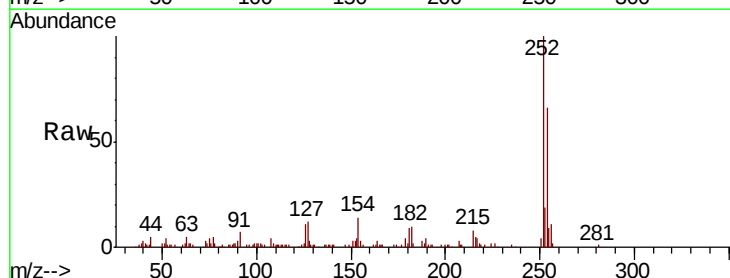
Tgt Ion:252 Resp: 68628

Ion Ratio Lower Upper

252 100

254 65.5 52.0 78.0

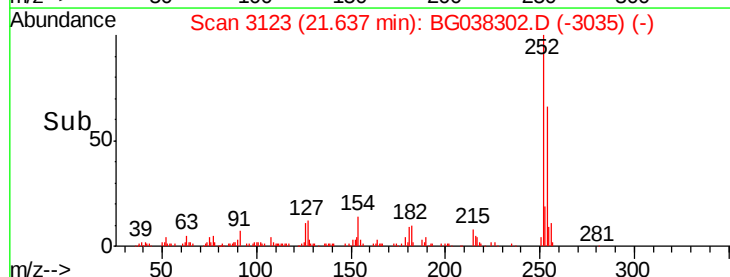
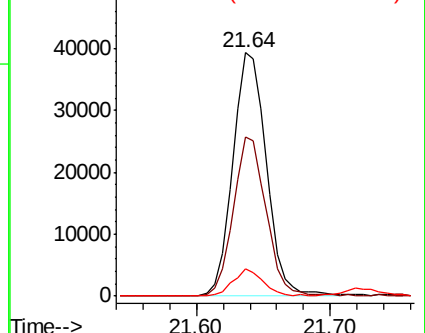
126 11.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

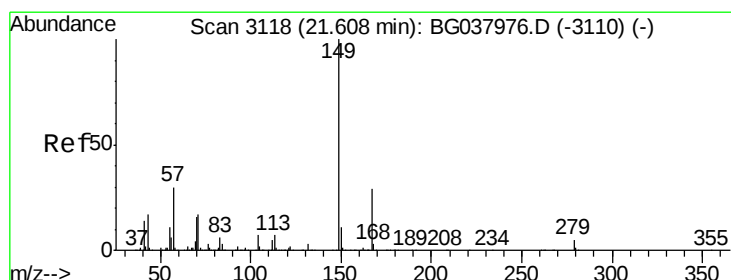
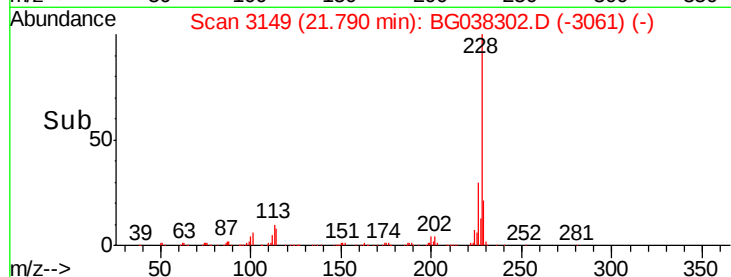
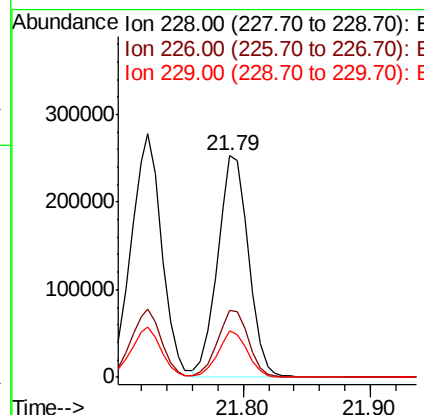
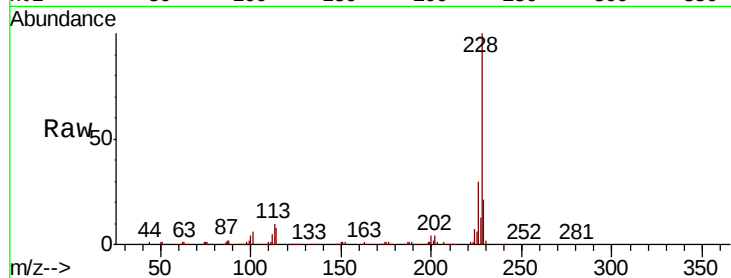




#83
 Chrvsene
 Concen: 44.161 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

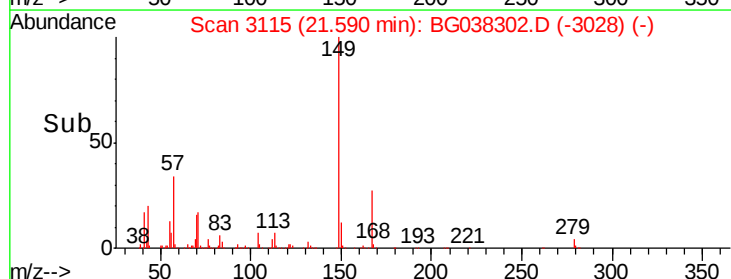
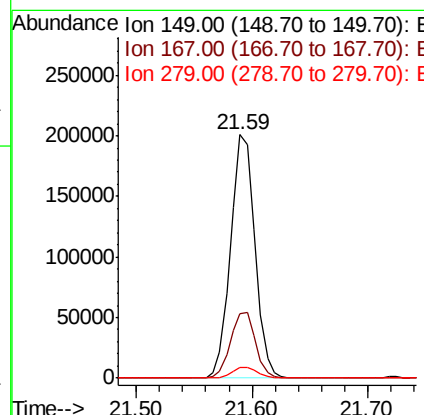
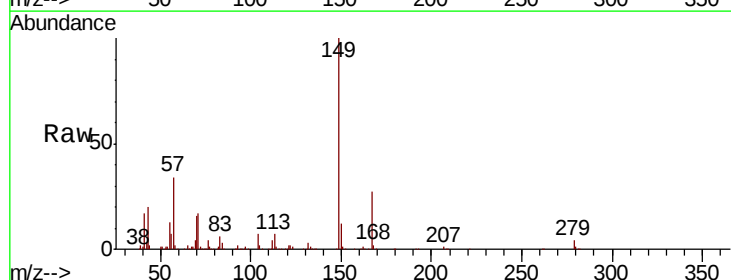
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

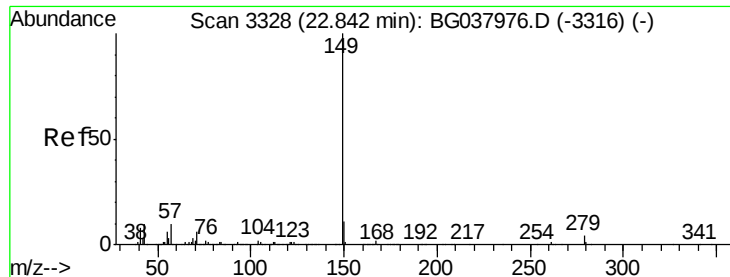
Tot Ion:228 Resp: 427703
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.7 38.5
 229 20.8 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.916 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG038302.D
 Acq: 2 Dec 2018 00:45

Tgt Ion:149 Resp: 293119
 Ion Ratio Lower Upper
 149 100
 167 26.6 23.0 34.4
 279 4.3 3.6 5.4

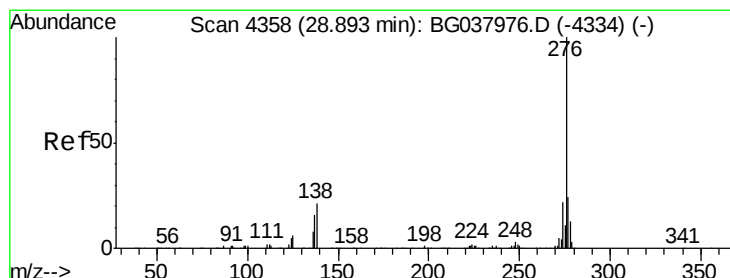
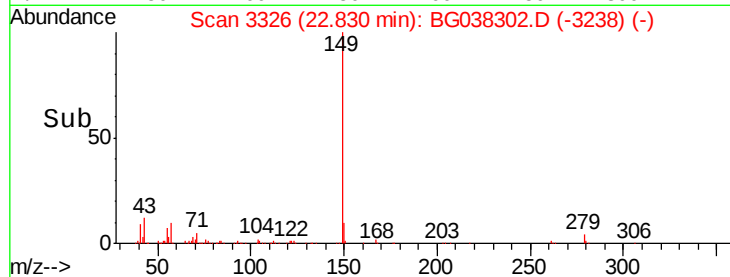
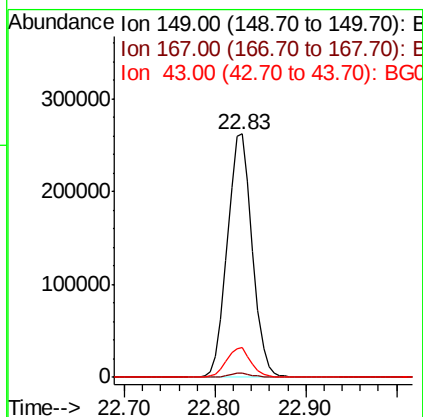
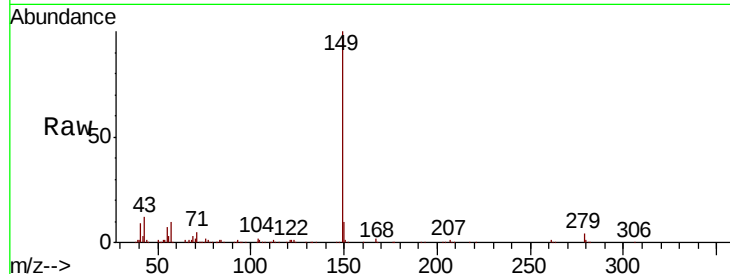




#85
Di-n-octyl phthalate
Concen: 45.365 ng
RT: 22.83 min Scan# 3326
Delta R.T. -0.01 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

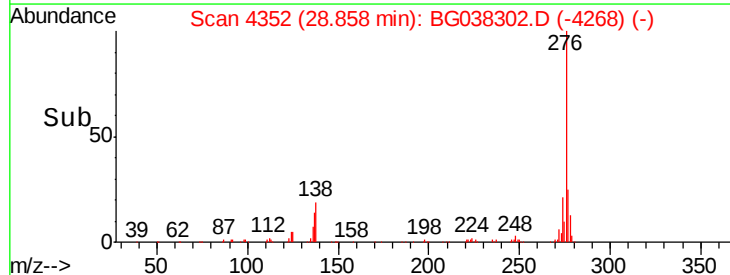
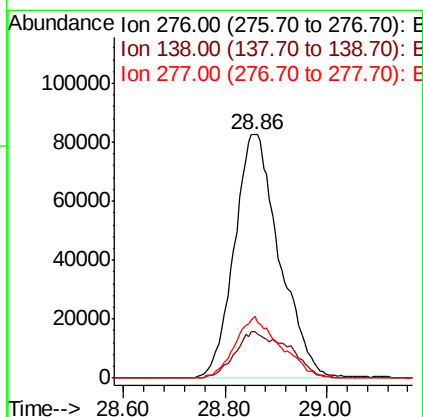
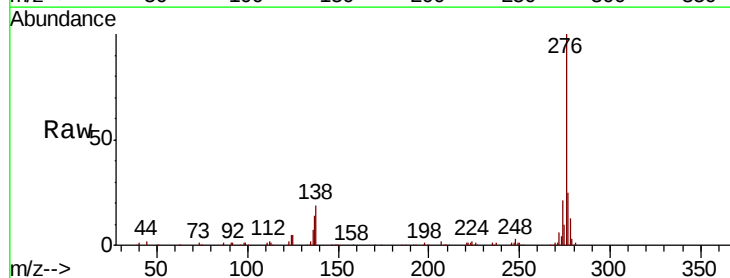
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tot Ion:149 Resp: 501270
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.400 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.04 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:276 Resp: 509862
Ion Ratio Lower Upper
276 100
138 22.6 12.0 18.0#
277 25.2 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

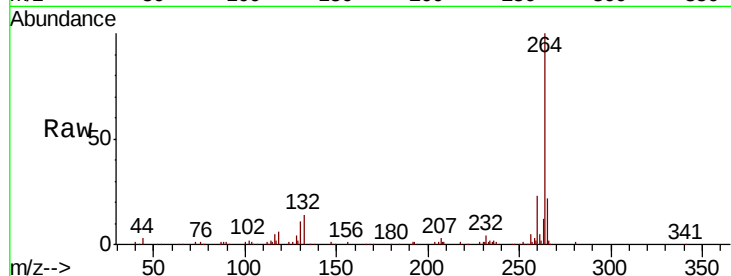
Tot Ion:264 Resp: 176104

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 22.5 17.9 26.9

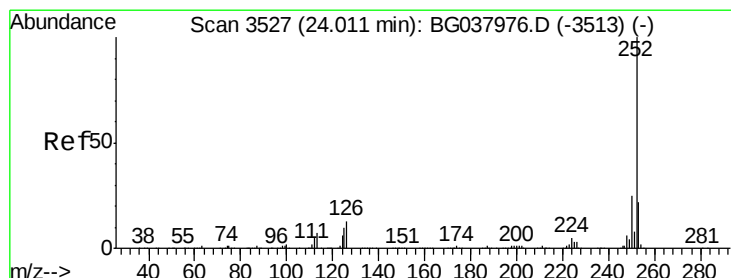
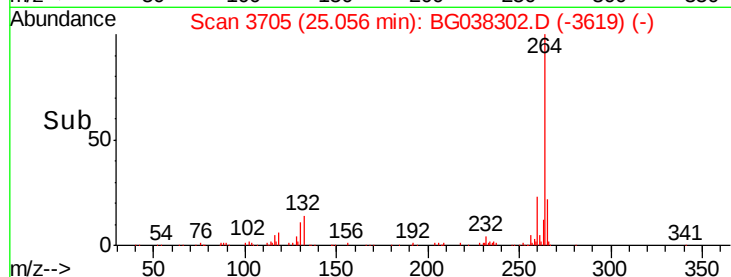
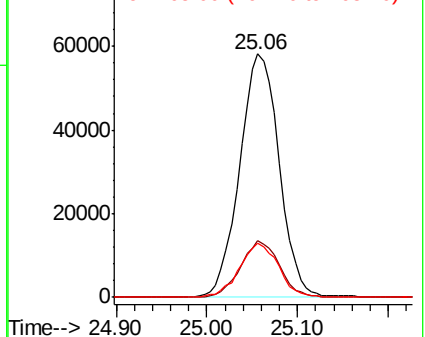


Abundance

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: 47.356 ng

RT: 24.00 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

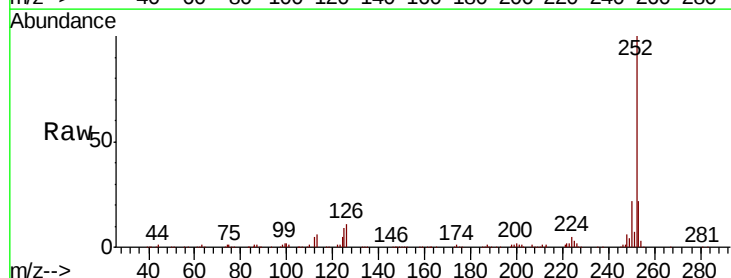
Tgt Ion:252 Resp: 458930

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 8.9 7.8 11.6

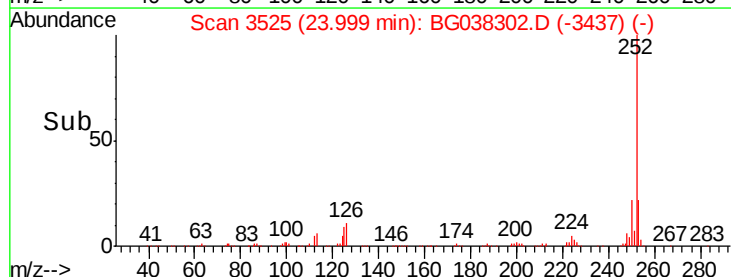
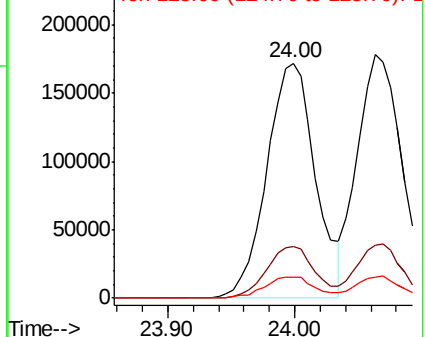


Abundance

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

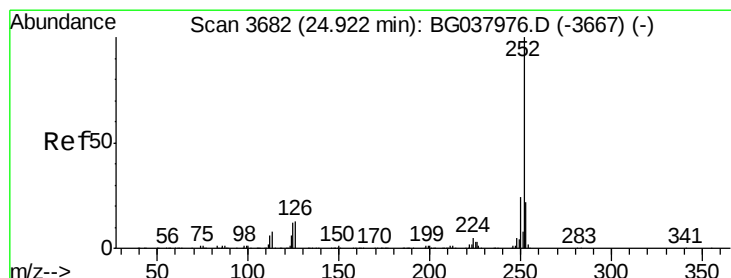
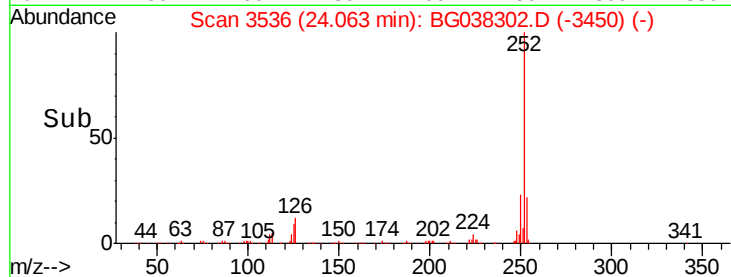
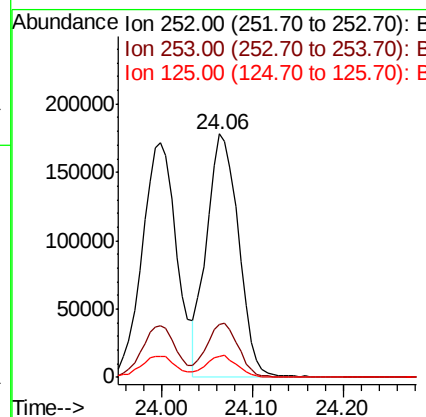
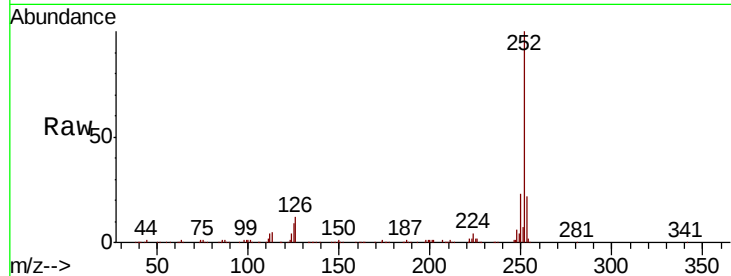




#89
Benzo(k)fluoranthene
Concen: 45.454 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.02 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

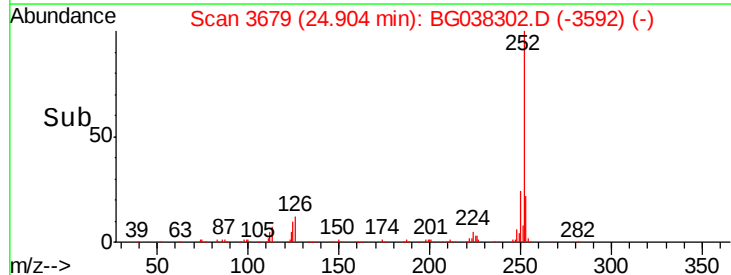
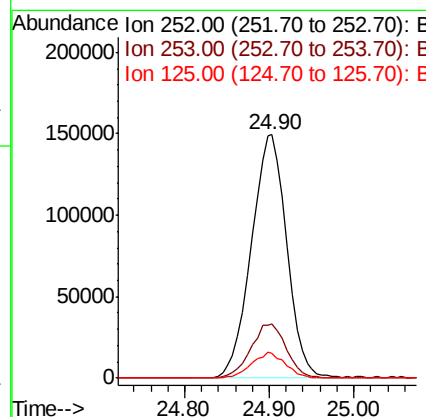
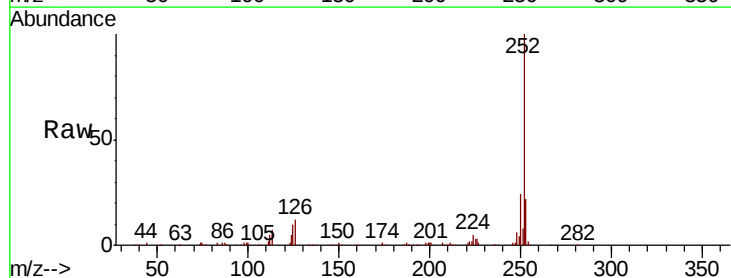
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

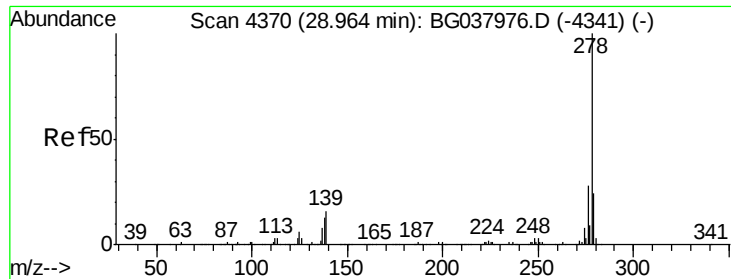
Tot Ion:252 Resp: 434661
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 8.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.021 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG038302.D
Acq: 2 Dec 2018 00:45

Tgt Ion:252 Resp: 435489
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 47.248 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.04 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

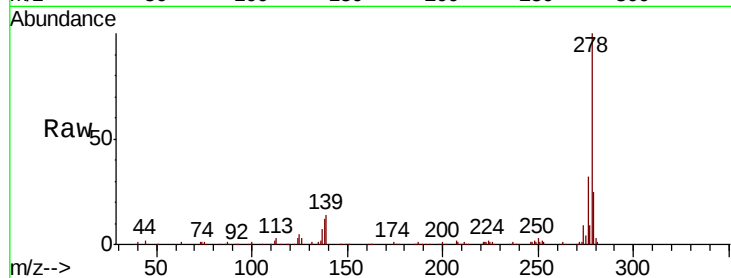
Tot Ion:278 Resp: 421040

Ion Ratio Lower Upper

278 100

139 13.8 11.5 17.3

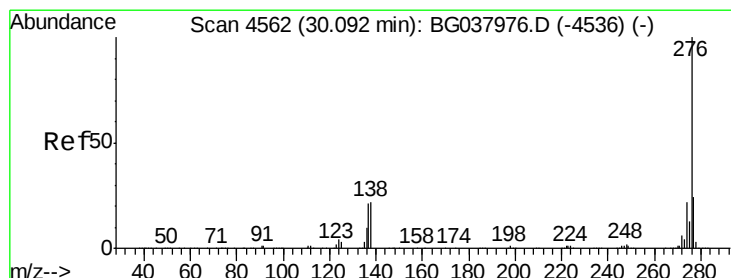
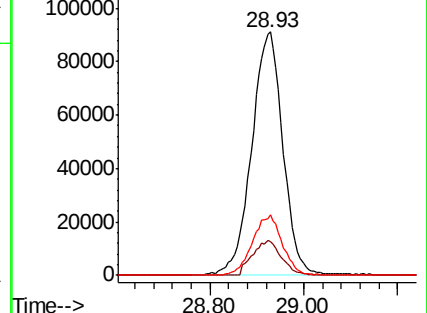
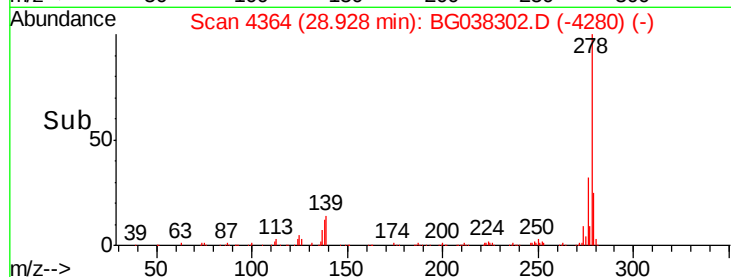
279 24.7 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.401 ng

RT: 30.06 min Scan# 4557

Delta R.T. -0.03 min

Lab File: BG038302.D

Acq: 2 Dec 2018 00:45

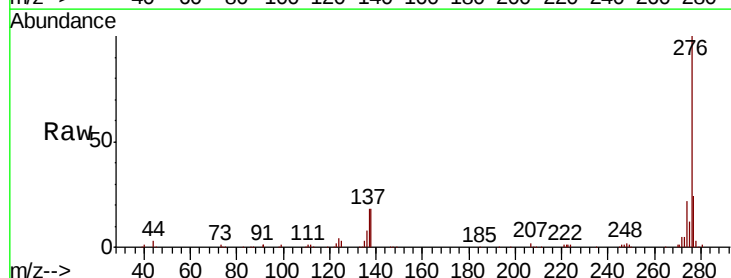
Tgt Ion:276 Resp: 420003

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 17.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

