

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038967.D
 Acq On : 7 Jan 2019 15:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:08:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25065	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	105978	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73439	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	182013	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	181036	20.00	ng	-0.01
87) Perylene-d12	25.00	264	195879	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	108559	76.82	ng	0.00
7) Phenol-d6	7.21	99	150704	77.68	ng	0.00
23) Nitrobenzene-d5	9.22	82	154573	74.51	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	89246	88.18	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	422570	78.94	ng	-0.01
79) Terphenyl-d14	20.03	244	660968	79.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	21342	32.449	ng	99
3) Pyridine	3.89	79	62586	34.562	ng	97
4) n-Nitrosodimethylamine	3.82	42	30190	34.026	ng	96
6) Aniline	7.38	93	93977	37.947	ng	99
8) 2-Chlorophenol	7.61	128	64657	39.536	ng	95
9) Benzaldehyde	7.19	77	43801	34.803	ng	89
10) Phenol	7.24	94	79980	38.805	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	60605	36.933	ng	96
12) 1,3-Dichlorobenzene	7.93	146	78470	40.581	ng	97
13) 1,4-Dichlorobenzene	8.08	146	76736	38.748	ng	97
14) 1,2-Dichlorobenzene	8.40	146	74200	39.743	ng	98
15) Benzyl Alcohol	8.29	79	61809	40.818	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	126179	33.567	ng	98
17) 2-Methylphenol	8.49	107	56333	40.794	ng	97
18) Hexachloroethane	9.12	117	27112	37.465	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	52505	38.534	ng	97
20) 3+4-Methylphenols	8.82	107	77924	40.860	ng	99
22) Acetophenone	8.88	105	103376	39.052	ng	# 95
24) Nitrobenzene	9.27	77	77297	36.833	ng	97
25) Isophorone	9.78	82	133631	35.853	ng	96
26) 2-Nitrophenol	9.97	139	42460	39.531	ng	93
27) 2,4-Dimethylphenol	10.03	122	58822	38.212	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	79801	37.939	ng	99
29) 2,4-Dichlorophenol	10.51	162	75448	44.057	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	83916	40.568	ng	98
31) Naphthalene	10.91	128	205798	39.413	ng	98
32) Benzoic acid	10.17	122	32290	36.195	ng	# 86
33) 4-Chloroaniline	11.03	127	93137	41.084	ng	98
34) Hexachlorobutadiene	11.17	225	58955	42.120	ng	90
35) Caprolactam	11.82	113	28347	39.998	ng	# 87
36) 4-Chloro-3-methylphenol	12.14	107	79496	40.678	ng	94
37) 2-Methylnaphthalene	12.51	142	150743	40.466	ng	97
38) 1-Methylnaphthalene	12.73	142	149117	41.251	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	111618	40.661	ng	98

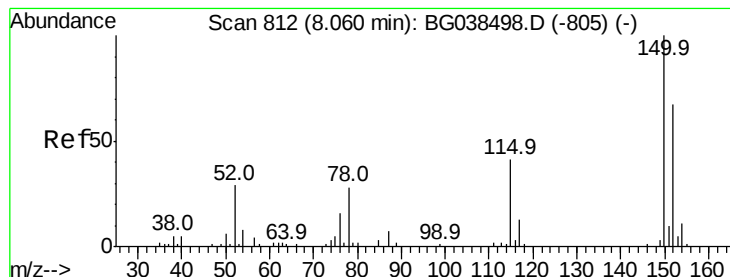
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	61060	40.486	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	69440	41.140	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	73228	40.976	ng	97
46) 1,1'-Biphenyl	13.52	154	237498	38.576	ng	99
47) 2-Chloronaphthalene	13.56	162	180620	37.980	ng	96
48) 2-Nitroaniline	13.78	65	55391	36.567	ng	88
49) Acenaphthylene	14.41	152	274901	38.667	ng	100
50) Dimethylphthalate	14.13	163	232262	38.728	ng	99
51) 2,6-Dinitrotoluene	14.27	165	52960	38.967	ng	89
52) Acenaphthene	14.75	154	165107	38.838	ng	99
53) 3-Nitroaniline	14.60	138	55184	39.832	ng	86
54) 2,4-Dinitrophenol	14.81	184	30803	40.806	ng	92
55) Dibenzofuran	15.08	168	285418	39.167	ng	98
56) 4-Nitrophenol	14.92	139	37312	35.501	ng	95
57) 2,4-Dinitrotoluene	15.06	165	75714	39.554	ng	91
58) Fluorene	15.73	166	214403	39.712	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	66942	41.635	ng	96
60) Diethylphthalate	15.49	149	244889	37.196	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	135219	40.141	ng	98
62) 4-Nitroaniline	15.77	138	55079	38.616	ng	99
63) Azobenzene	16.01	77	198075	36.014	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	51729	39.841	ng	94
66) n-Nitrosodiphenylamine	15.94	169	211976	39.637	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	89834	40.413	ng	96
68) Hexachlorobenzene	16.73	284	94176	40.870	ng	94
69) Atrazine	16.88	200	73178	36.871	ng	96
70) Pentachlorophenol	17.08	266	54607	40.065	ng	94
71) Phenanthrene	17.48	178	371682	39.379	ng	99
72) Anthracene	17.57	178	364014	39.066	ng	100
73) Carbazole	17.84	167	361248	39.201	ng	99
74) Di-n-butylphthalate	18.37	149	399733	37.804	ng	98
75) Fluoranthene	19.48	202	451129	38.630	ng	96
77) Benzidine	19.67	184	162075	30.272	ng	100
78) Pyrene	19.84	202	459376	38.410	ng	99
80) Butylbenzylphthalate	20.71	149	179946	38.511	ng	96
81) Benzo(a)anthracene	21.69	228	435092	39.441	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	170735	39.024	ng	98
83) Chrysene	21.76	228	410503	38.634	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	255005	38.480	ng	100
85) Di-n-octyl phthalate	22.78	149	418844	37.739	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	470265	37.646	ng	# 78
88) Benzo(b)fluoranthene	24.02	252	416902	38.765	ng	99
89) Benzo(k)fluoranthene	24.02	252	416902	38.929	ng	98
90) Benzo(a)pyrene	24.84	252	405684	39.101	ng	98
91) Dibenzo(a,h)anthracene	28.84	278	388558	37.613	ng	97
92) Benzo(g,h,i)perylene	29.96	276	390436	38.351	ng	97

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

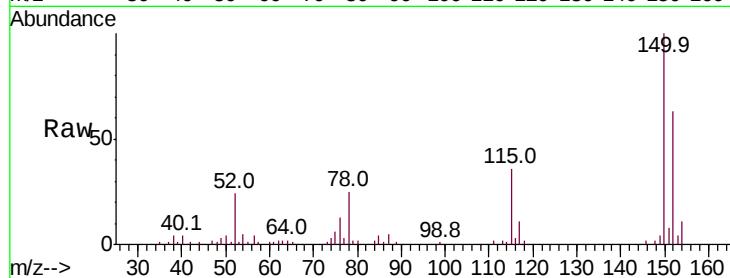


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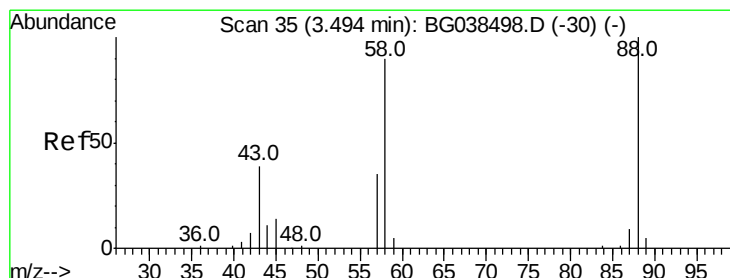
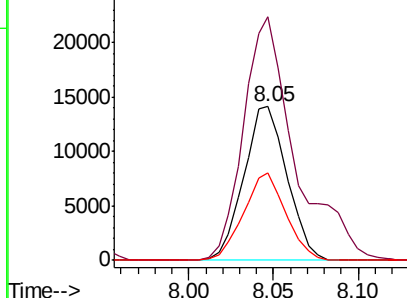
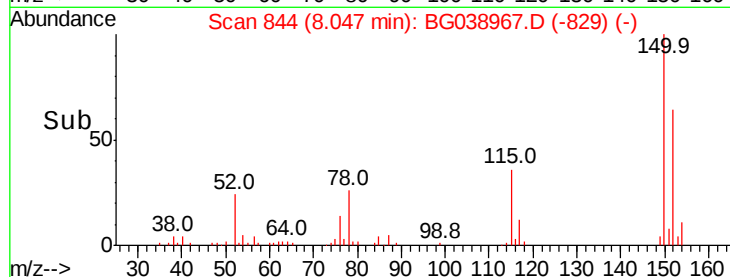
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 25065
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 56.6 49.6 74.4



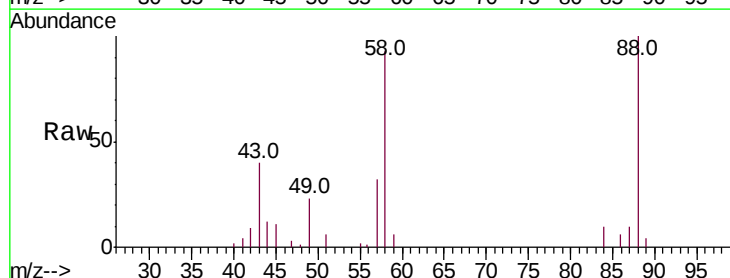
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



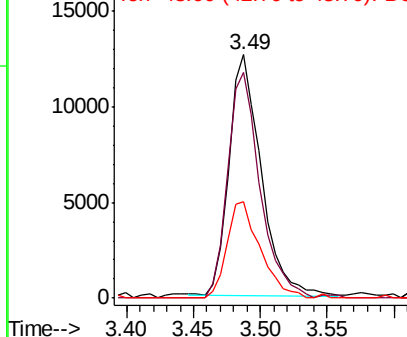
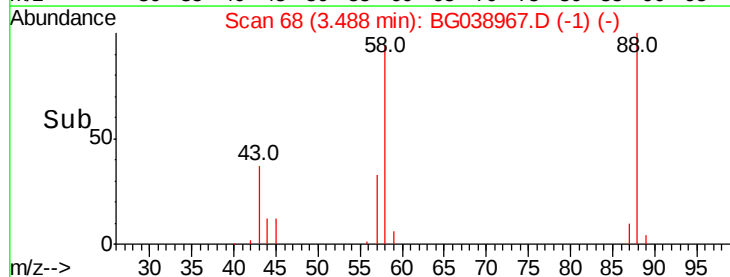
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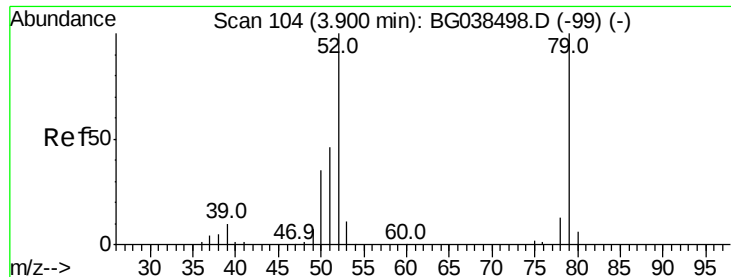
1,4-Dioxane
Concen: 32.449 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion: 88 Resp: 21342
Ion Ratio Lower Upper
88 100
58 93.7 75.7 113.5
43 41.1 31.6 47.4



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

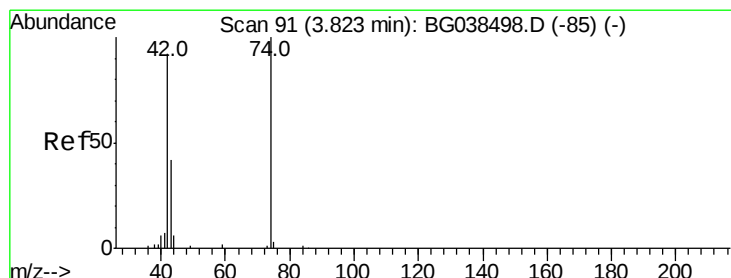
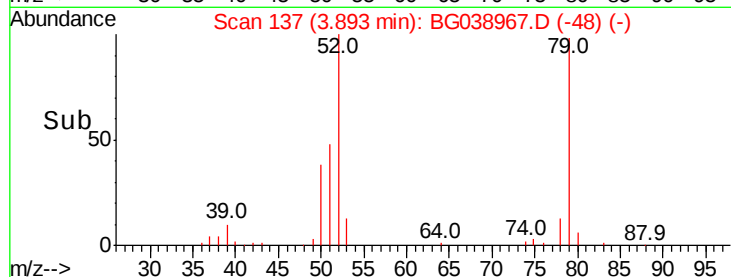
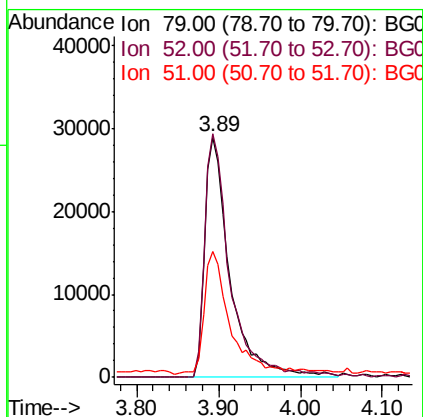
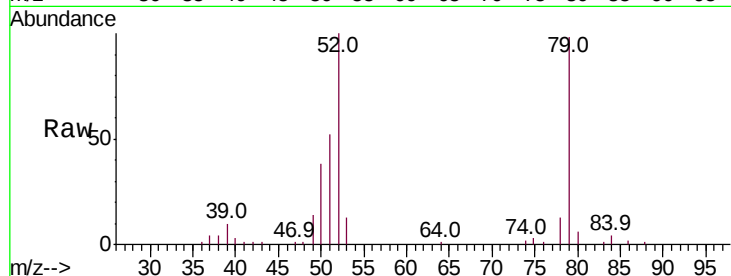




#3
 Pvridine
 Concen: 34.562 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

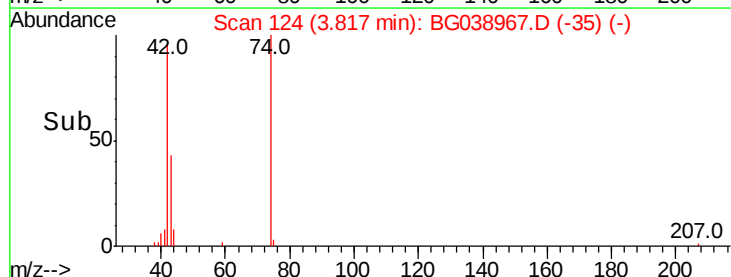
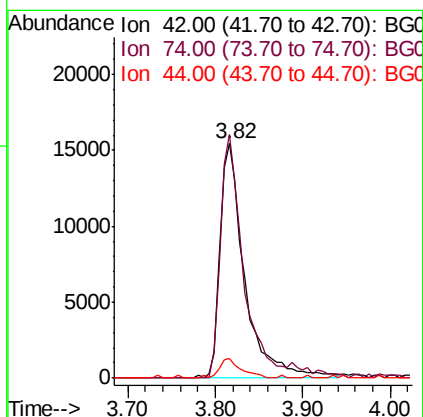
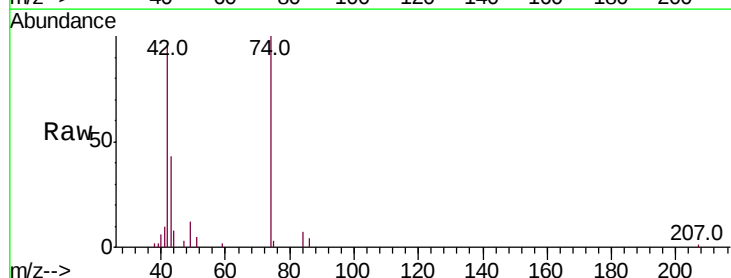
Instrument :
 BNA_G
 ClientSampleId :

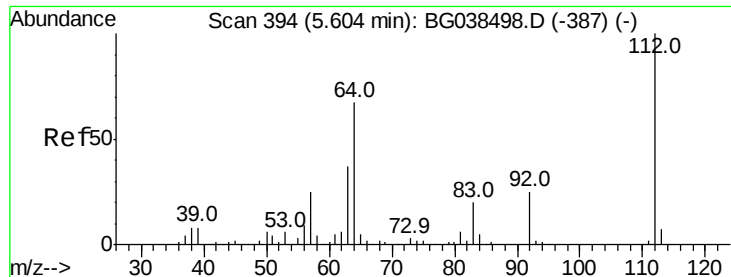
Tot Ion: 79 Resp: 62586
 Ion Ratio Lower Upper
 79 100
 52 101.6 80.2 120.2
 51 52.5 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 34.026 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion: 42 Resp: 30190
 Ion Ratio Lower Upper
 42 100
 74 103.9 86.7 130.1
 44 8.4 7.8 11.8





#5

2-Fluorophenol

Concen: 76.819 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampled :

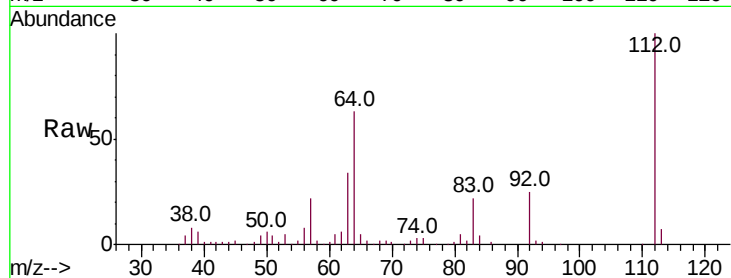
Tot Ion:112 Resp: 108559

Ion Ratio Lower Upper

112 100

64 62.7 53.4 80.2

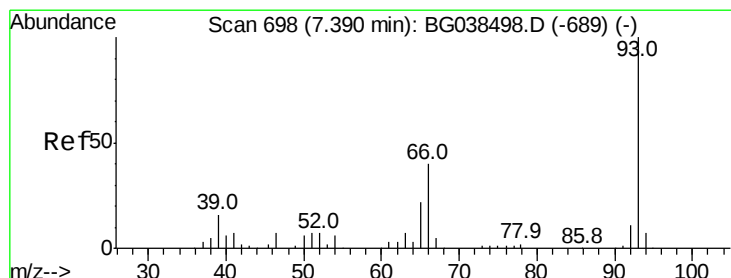
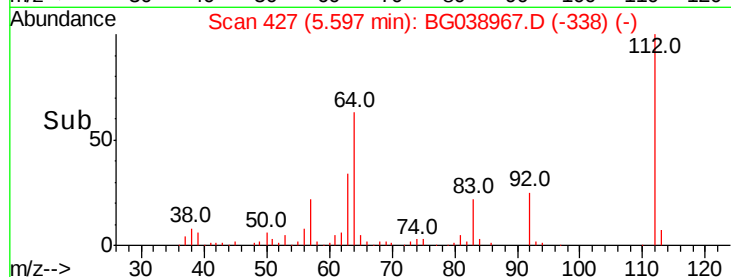
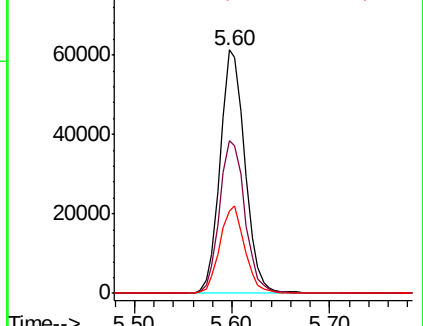
63 33.9 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.947 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

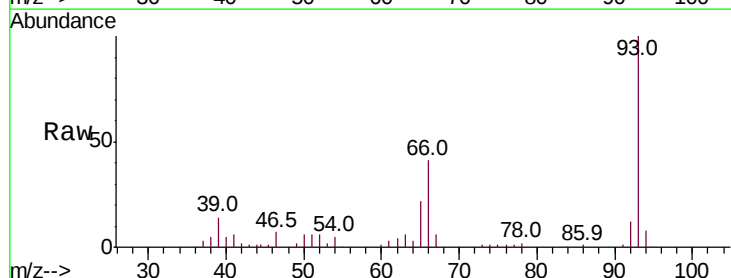
Tgt Ion: 93 Resp: 93977

Ion Ratio Lower Upper

93 100

66 40.8 31.7 47.5

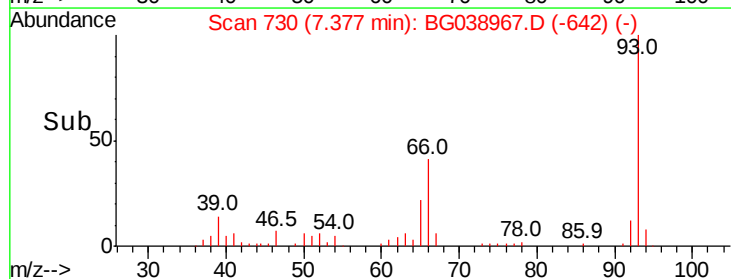
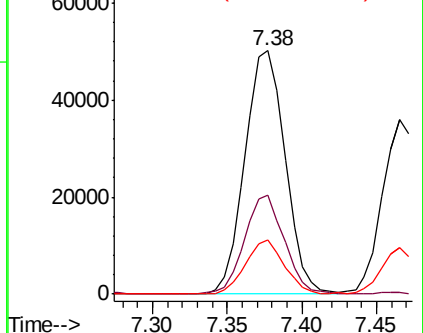
65 22.0 17.8 26.6

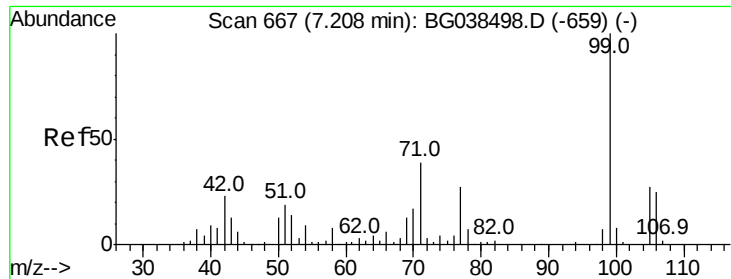


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.681 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampled :

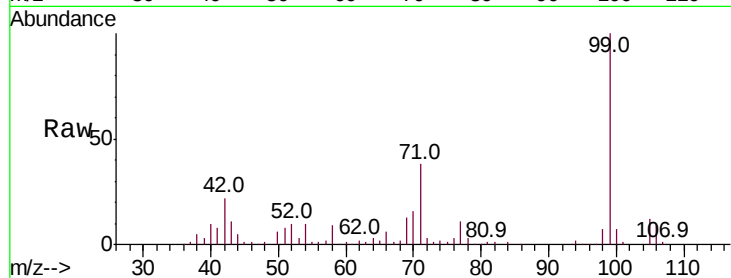
Tot Ion: 99 Resp: 150704

Ion Ratio Lower Upper

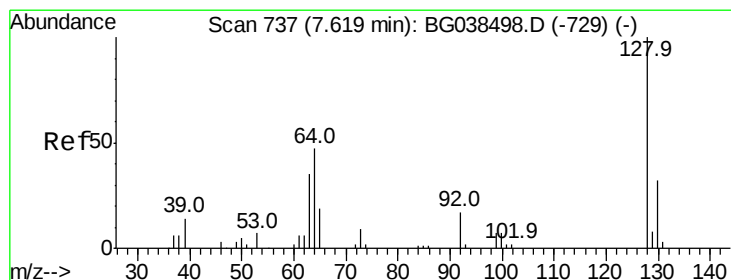
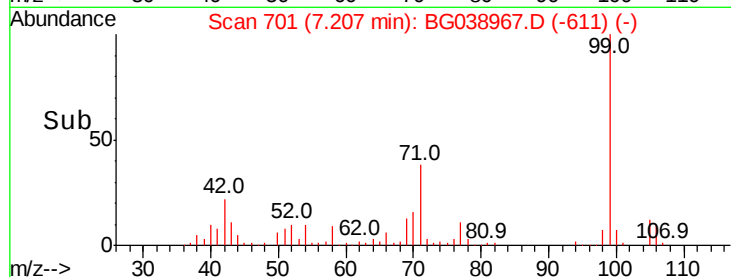
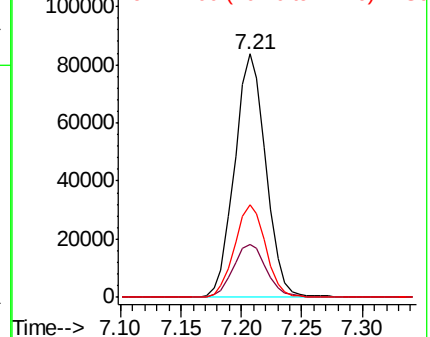
99 100

42 21.8 18.5 27.7

71 38.2 31.1 46.7



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



#8

2-Chlorophenol

Concen: 39.536 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

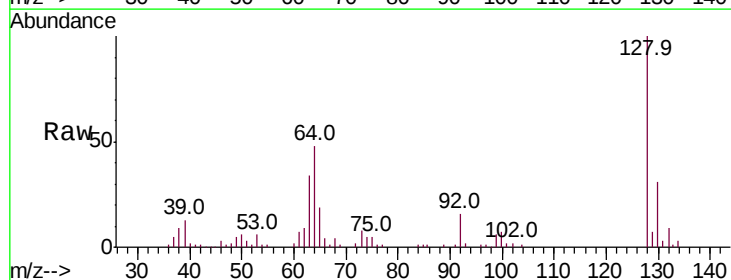
Tgt Ion: 128 Resp: 64657

Ion Ratio Lower Upper

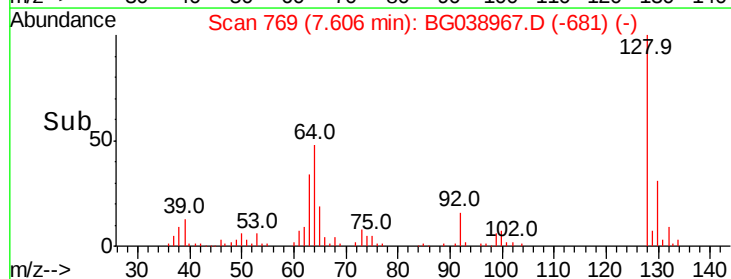
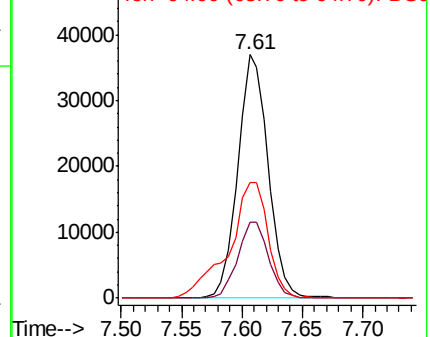
128 100

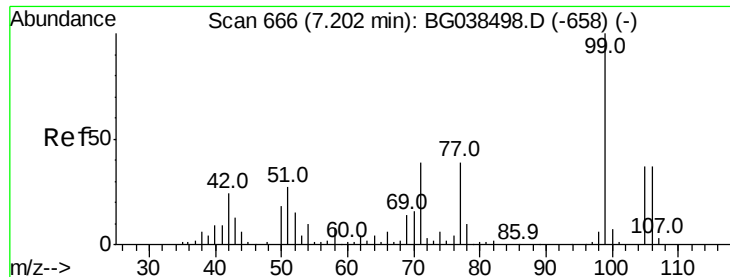
130 31.3 11.8 51.8

64 47.5 33.2 73.2



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





#9

Benzaldehyde

Concen: 34.803 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

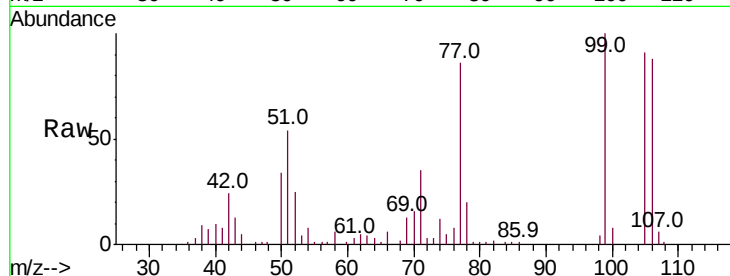
Tot Ion: 77 Resp: 43801

Ion Ratio Lower Upper

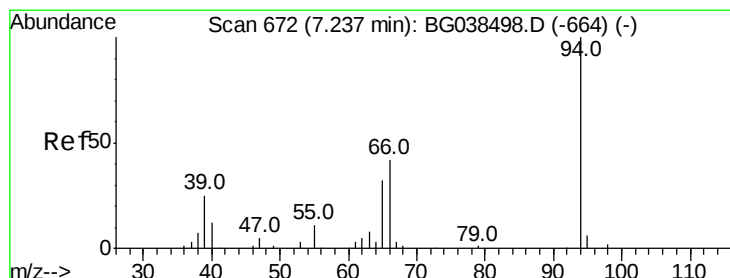
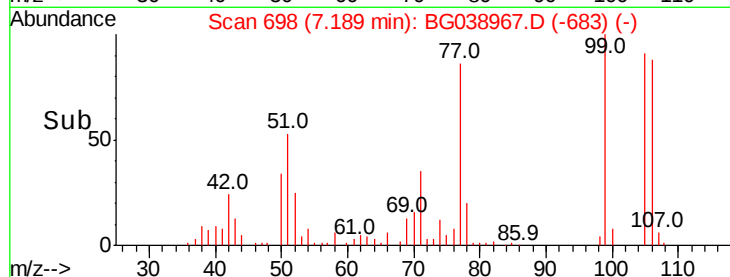
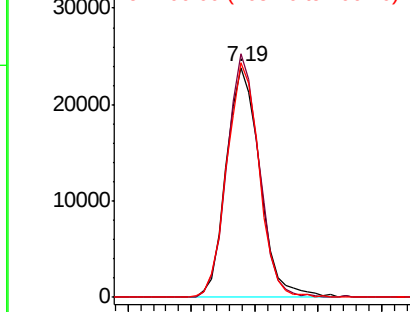
77 100

105 106.0 74.0 114.0

106 102.2 73.9 113.9



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



#10

Phenol

Concen: 38.805 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

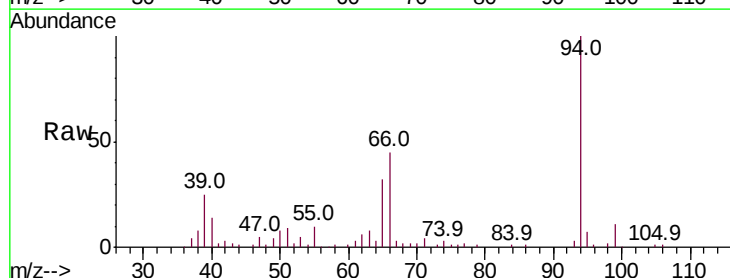
Tgt Ion: 94 Resp: 79980

Ion Ratio Lower Upper

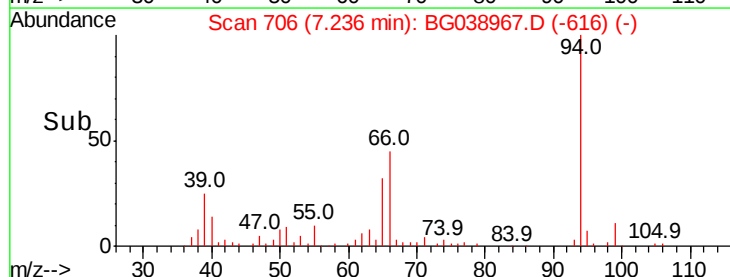
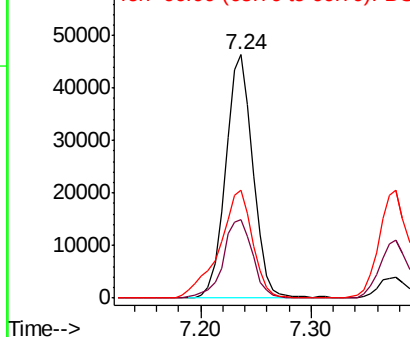
94 100

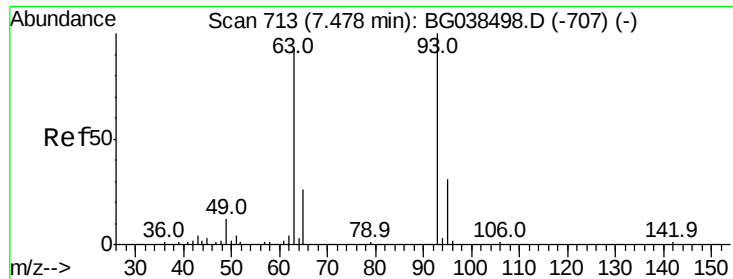
65 32.2 12.6 52.6

66 44.6 24.1 64.1



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

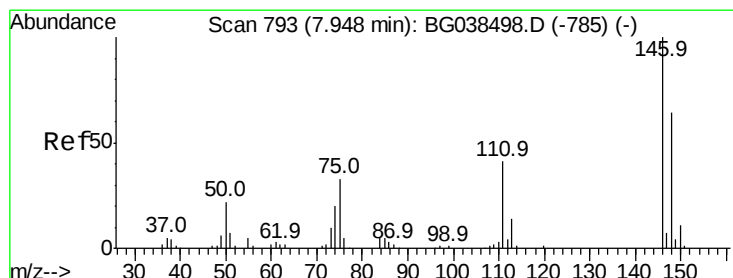
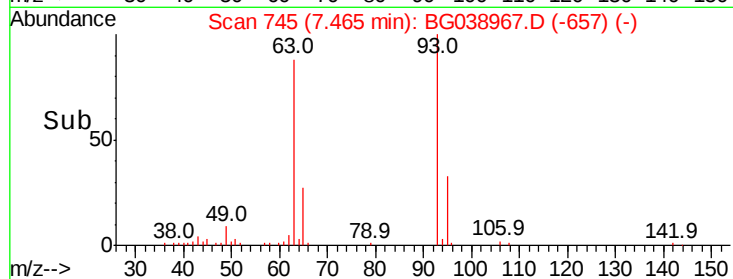
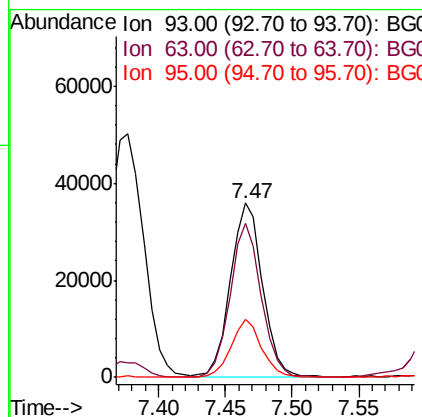
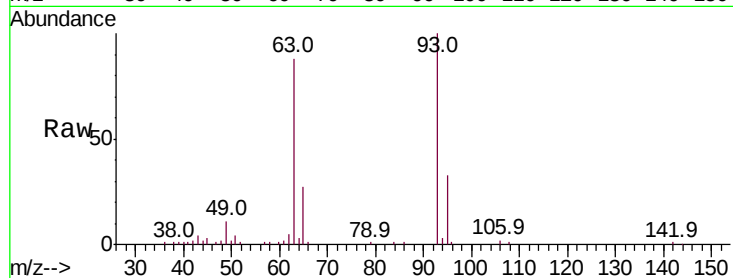




#11
 bis(2-Chloroethyl)ether
 Concen: 36.933 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

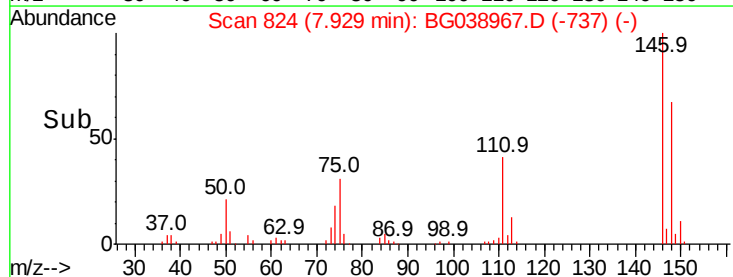
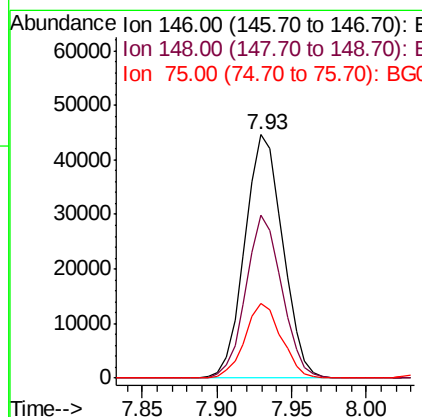
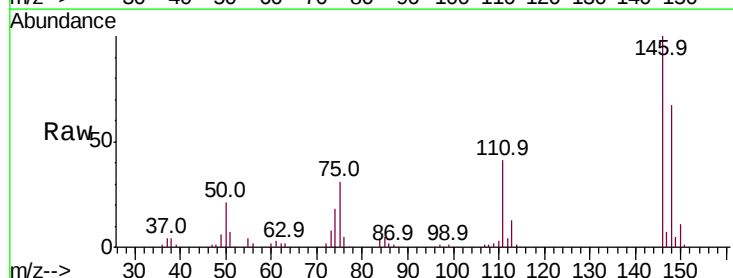
Instrument :
 BNA_G
 ClientSampleId :

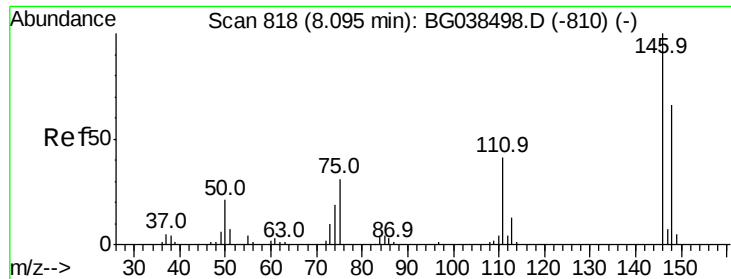
Tot Ion: 93 Resp: 60605
 Ion Ratio Lower Upper
 93 100
 63 88.5 72.2 112.2
 95 33.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 40.581 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion: 146 Resp: 78470
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.4 77.0
 75 30.8 26.1 39.1

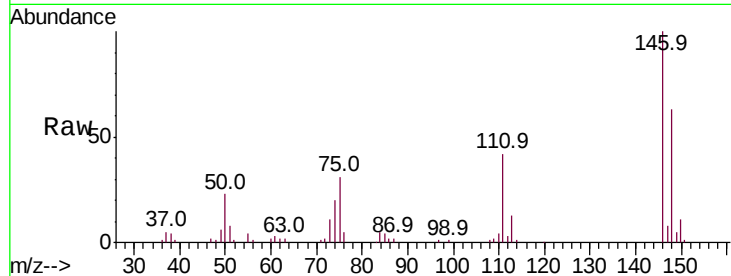




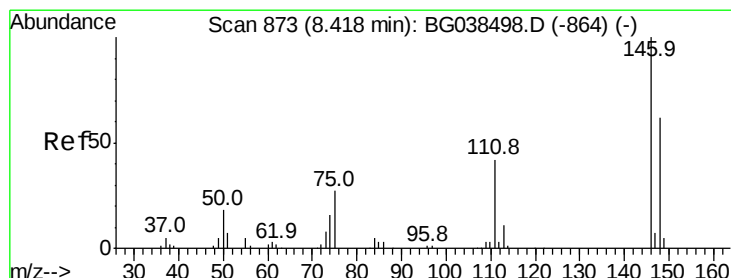
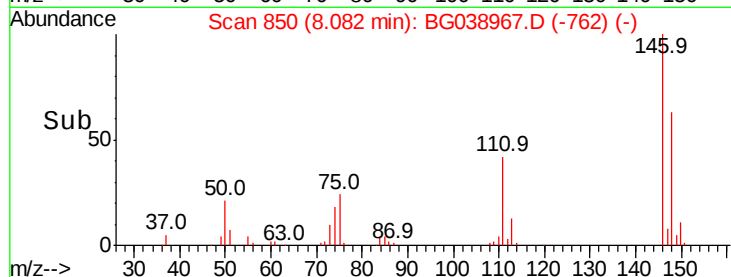
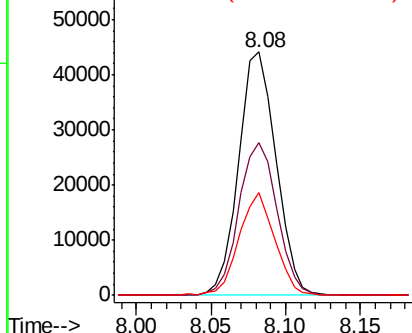
#13
 1,4-Dichlorobenzene
 Concen: 38.748 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 76736
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.4 78.6
 111 42.2 33.0 49.4

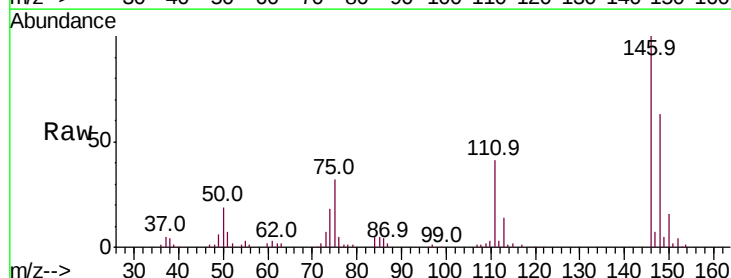


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

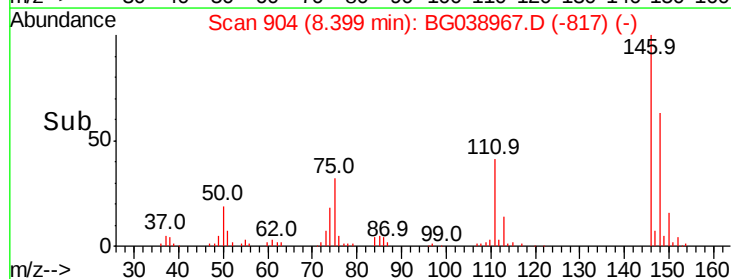
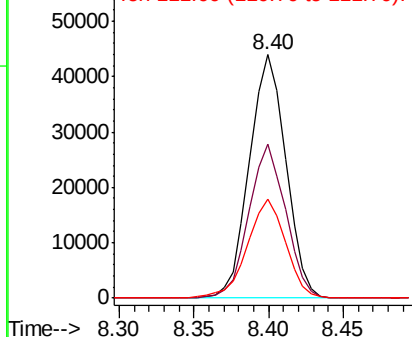


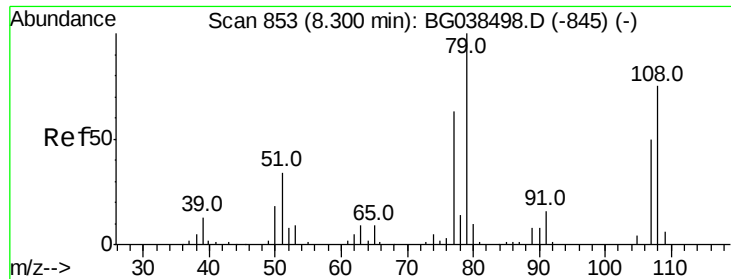
#14
 1,2-Dichlorobenzene
 Concen: 39.743 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:146 Resp: 74200
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.4 74.0
 111 40.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.818 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampled :

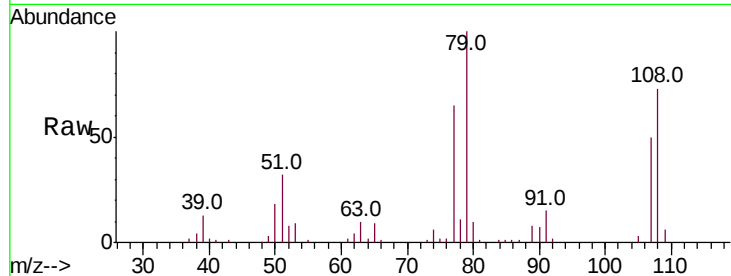
Tot Ion: 79 Resp: 61809

Ion Ratio Lower Upper

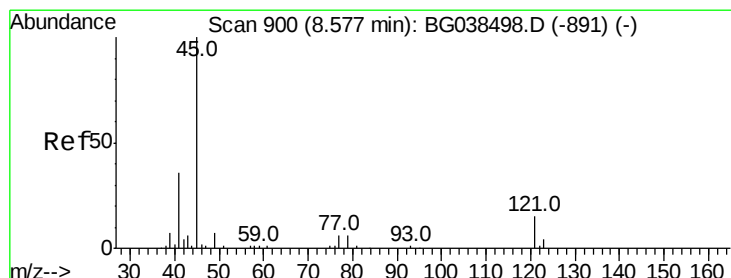
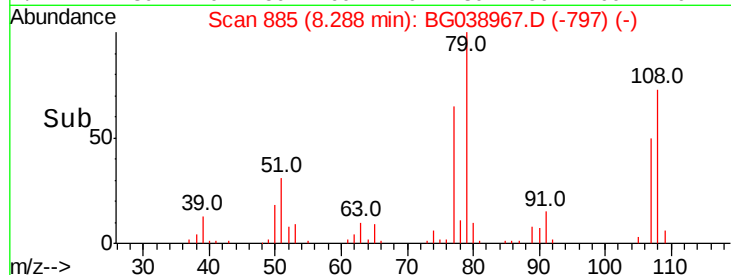
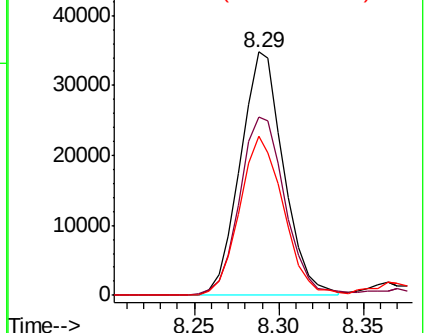
79 100

108 73.3 60.2 90.4

77 65.5 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.567 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

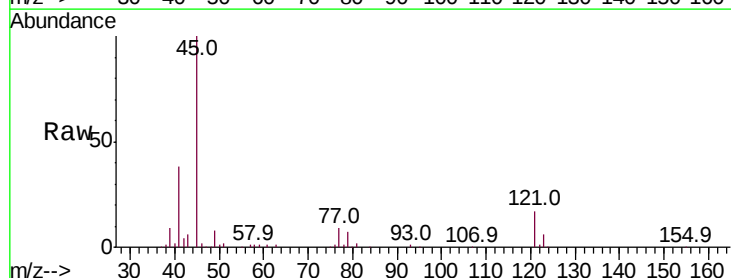
Tgt Ion: 45 Resp: 126179

Ion Ratio Lower Upper

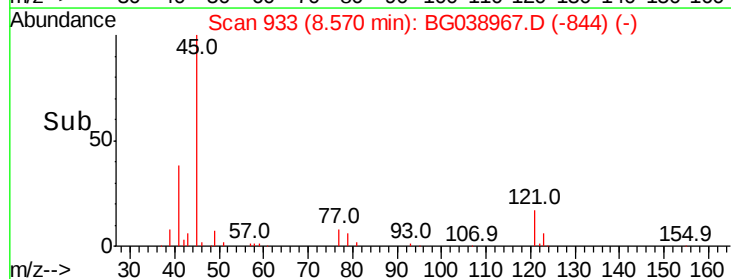
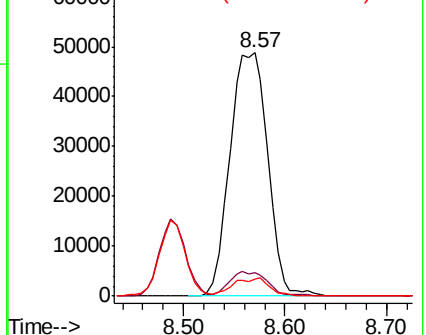
45 100

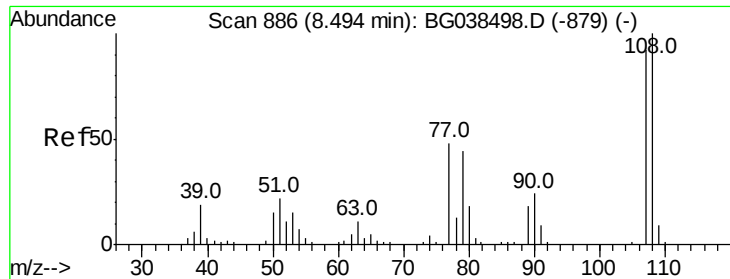
77 9.4 0.0 28.2

79 7.0 0.0 27.2



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

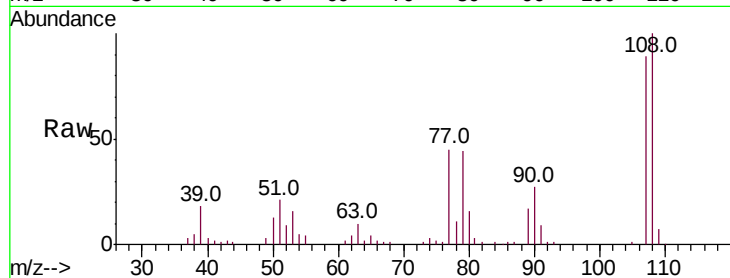




#17
2-Methylphenol
Concen: 40.794 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	87.1	130.7
77	50.6	42.0	63.0
79	49.6	38.2	57.2



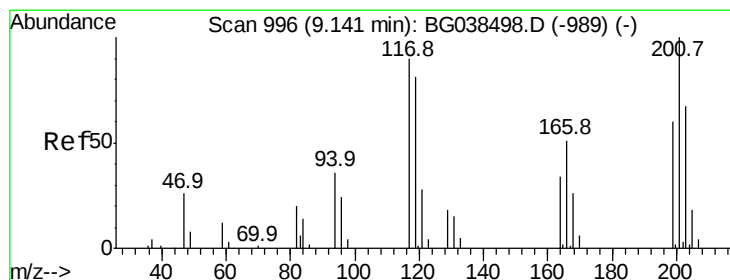
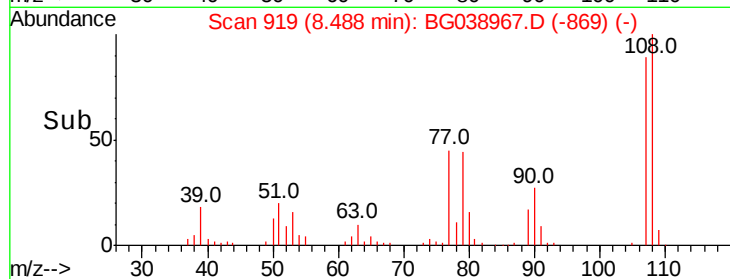
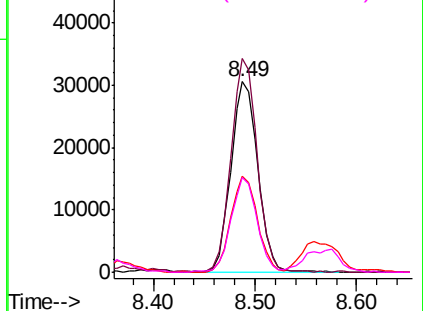
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

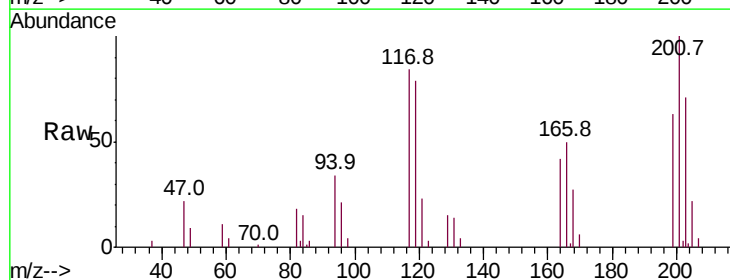
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.465 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.8	110.8
201	119.1	89.4	134.0

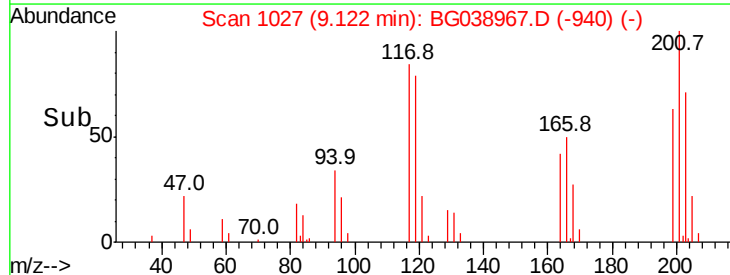
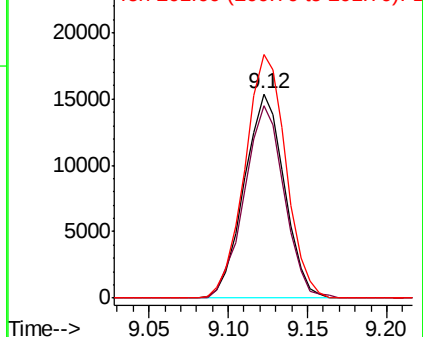


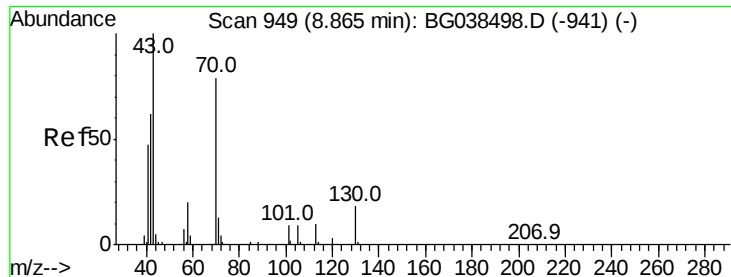
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

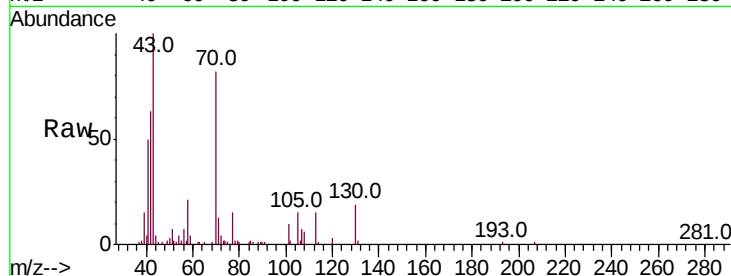




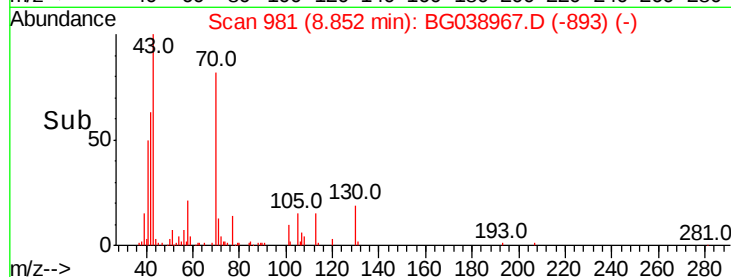
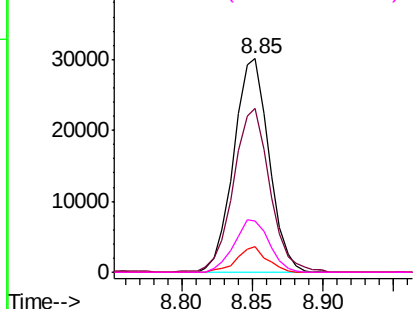
#19
n-Nitroso-di-n-propylamine
Concen: 38.534 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	52505
Ion	Ratio	Lower	Upper
70	100		
42	76.4	63.6	95.4
101	11.8	9.2	13.8
130	23.8	18.5	27.7

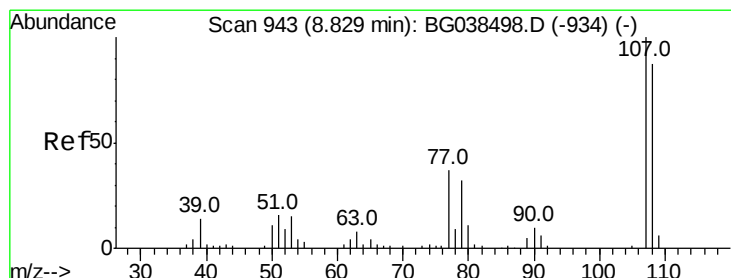


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

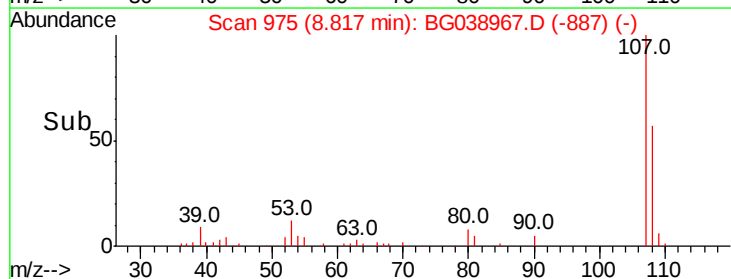
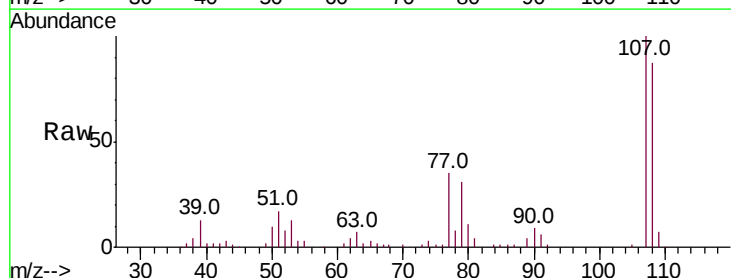
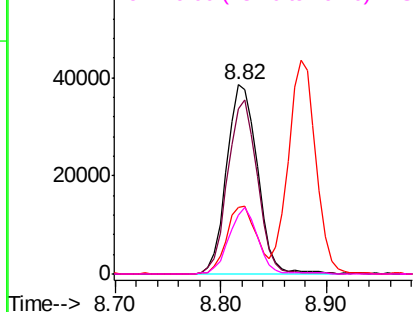


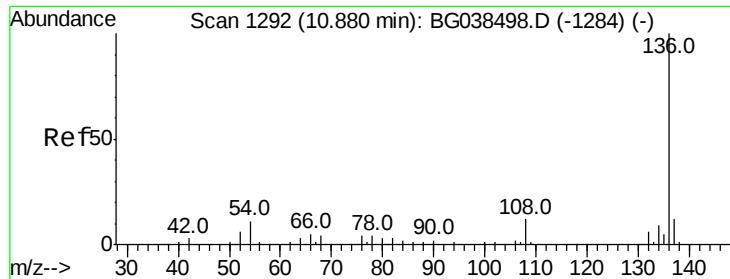
#20
3+4-Methylphenols
Concen: 40.860 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:	107	Resp:	77924
Ion	Ratio	Lower	Upper
107	100		
108	87.1	66.7	106.7
77	35.5	17.3	57.3
79	31.1	12.3	52.3



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

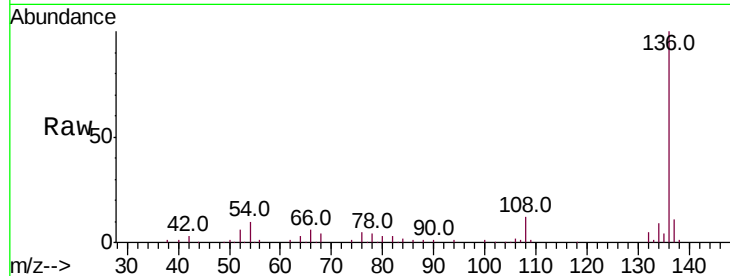




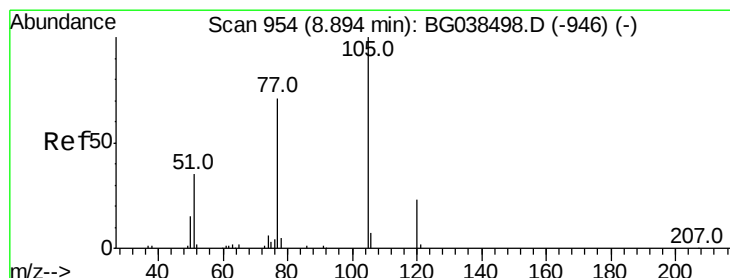
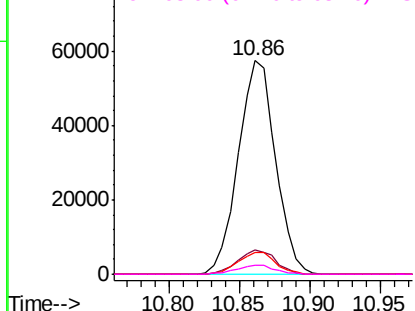
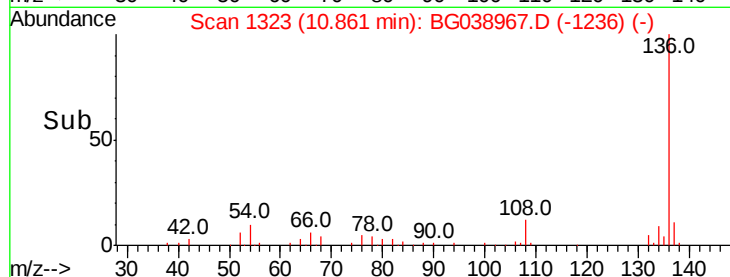
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	105978
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.3 13.9
54	10.2	8.5 12.7
68	4.2	3.5 5.3

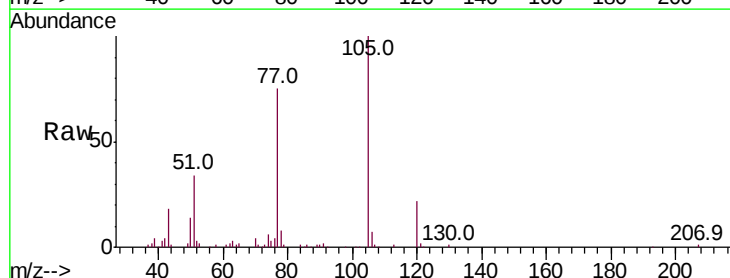


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

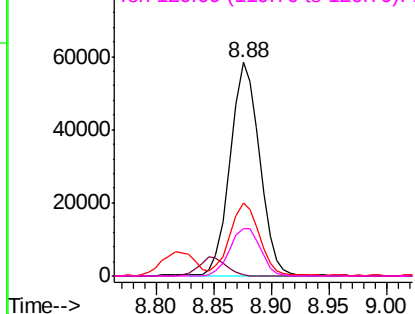
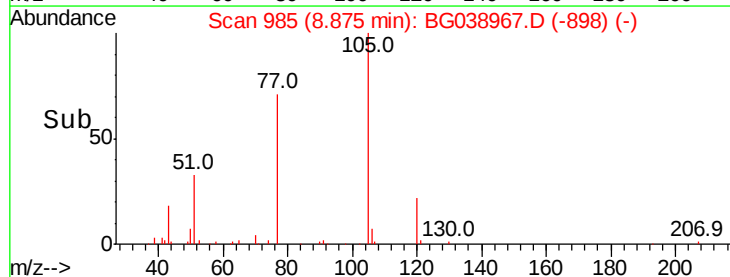


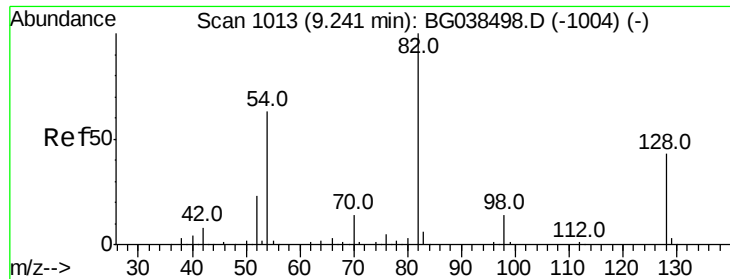
#22
Acetophenone
Concen: 39.052 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:105	Resp:	103376
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.4 0.6#
51	34.3	30.6 46.0
120	22.0	18.6 28.0



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

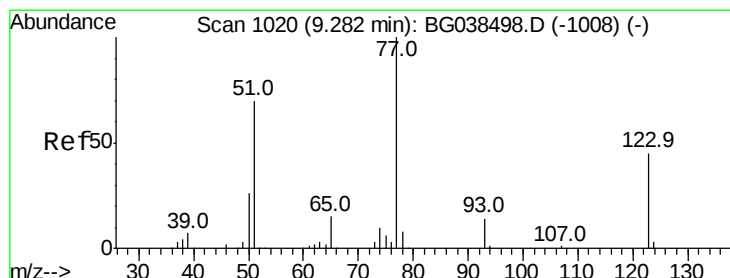
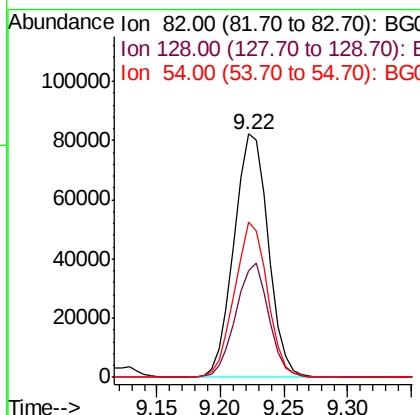
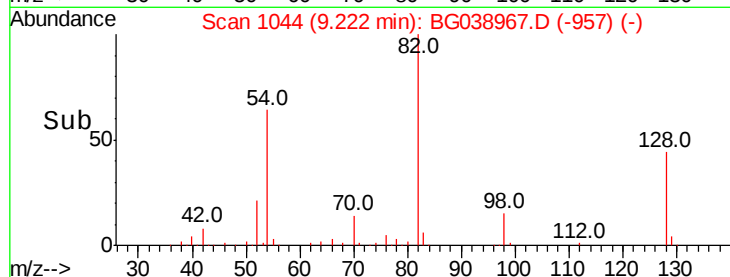
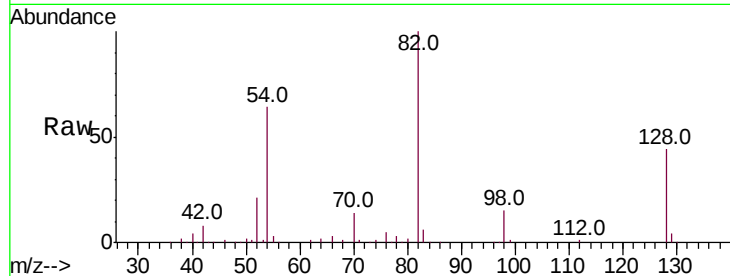




#23
 Nitrobenzene-d5
 Concen: 74.513 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

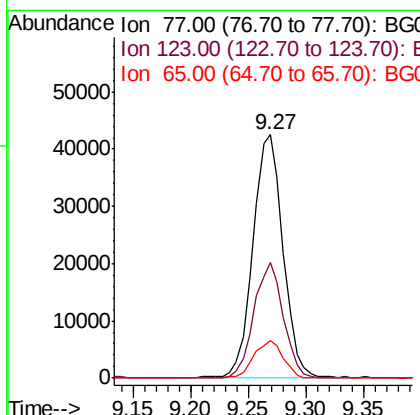
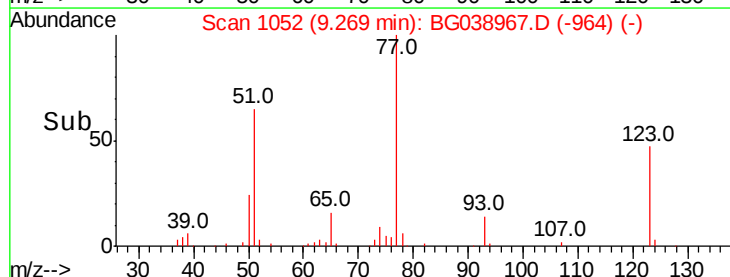
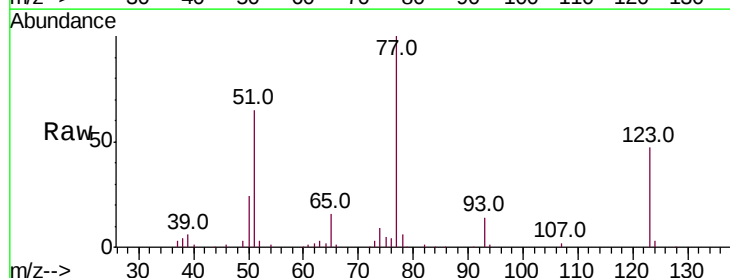
Instrument :
 BNA_G
 ClientSampleId :

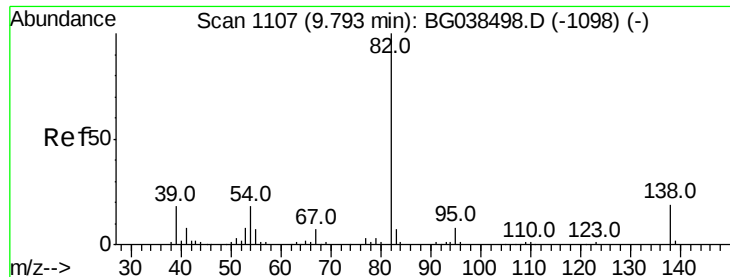
Tot Ion: 82 Resp: 154573
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 63.7 50.6 76.0



#24
 Nitrobenzene
 Concen: 36.833 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion: 77 Resp: 77297
 Ion Ratio Lower Upper
 77 100
 123 47.3 35.9 53.9
 65 15.5 12.0 18.0





#25

Isophorone

Concen: 35.853 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

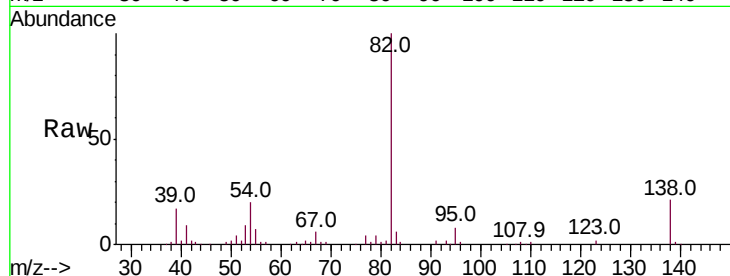
Tot Ion: 82 Resp: 133631

Ion Ratio Lower Upper

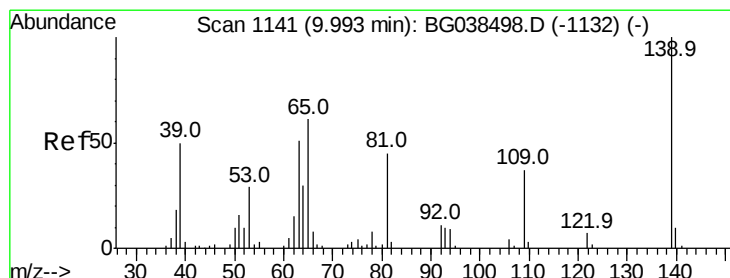
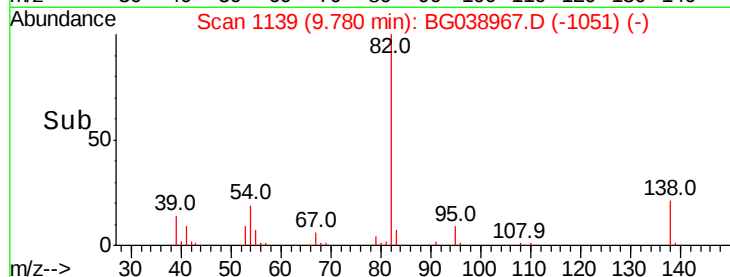
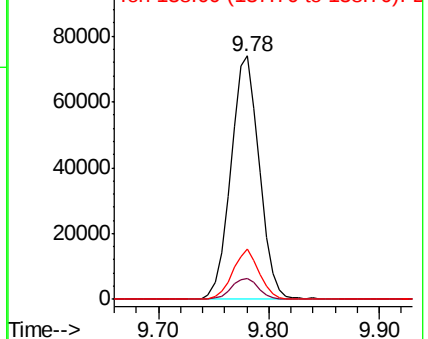
82 100

95 8.5 6.1 9.1

138 20.6 14.9 22.3



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



#26

2-Nitrophenol

Concen: 39.531 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

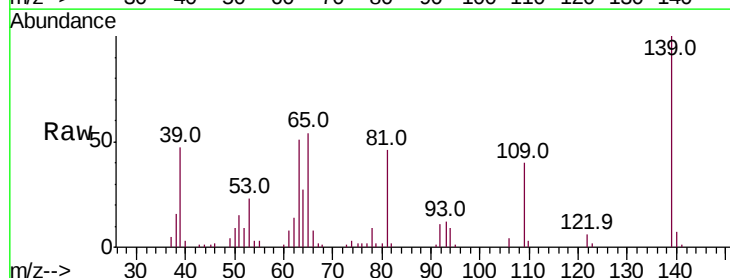
Tgt Ion:139 Resp: 42460

Ion Ratio Lower Upper

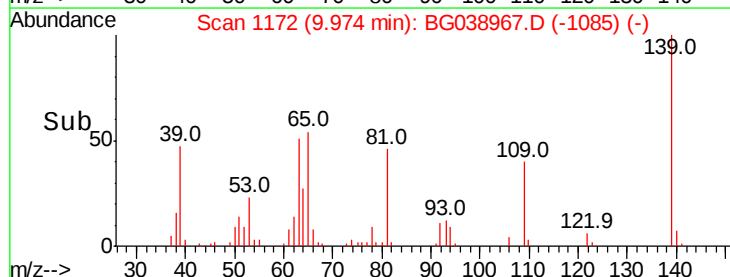
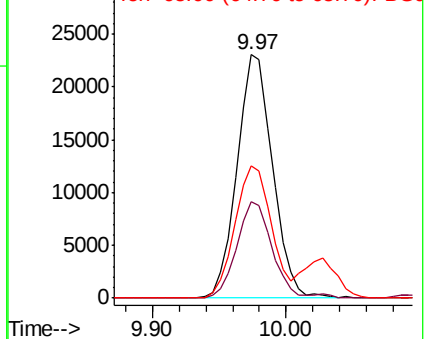
139 100

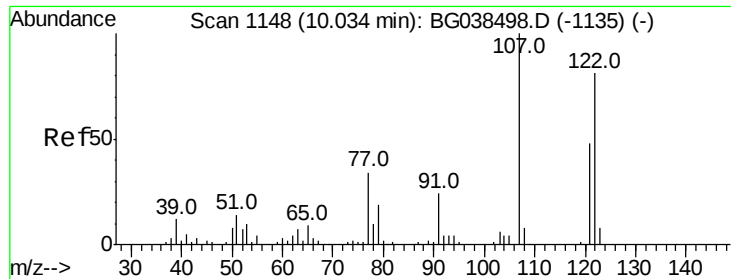
109 39.8 29.5 44.3

65 54.1 48.5 72.7



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

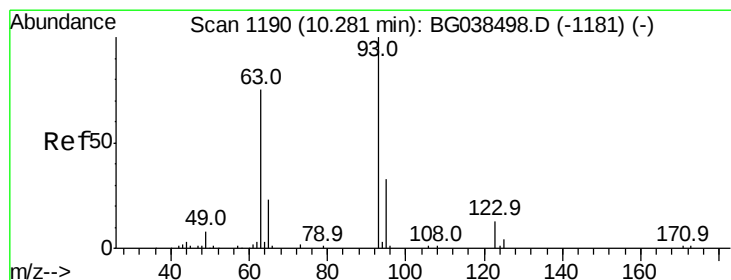
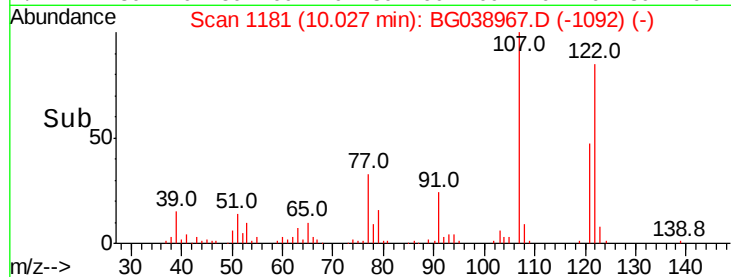
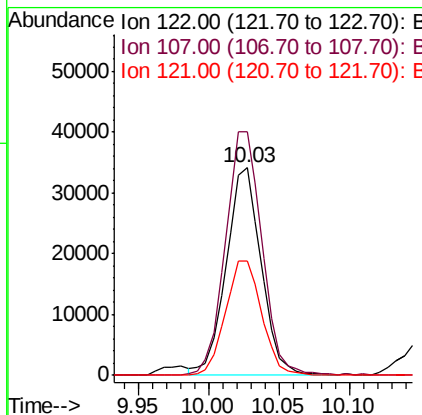
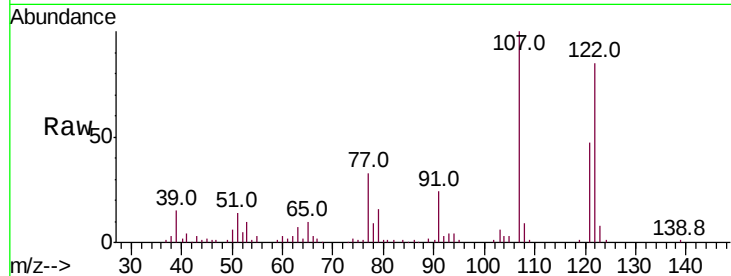




#27
 2,4-Dimethylphenol
 Concen: 38.212 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

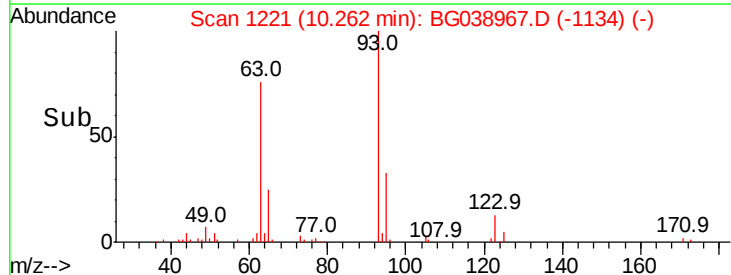
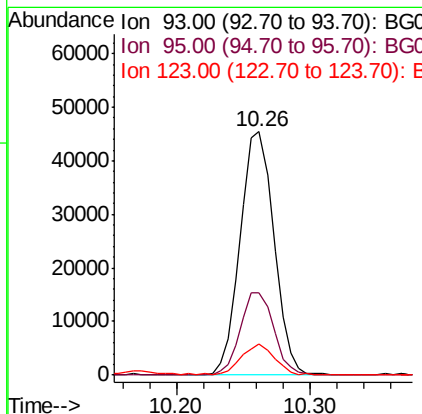
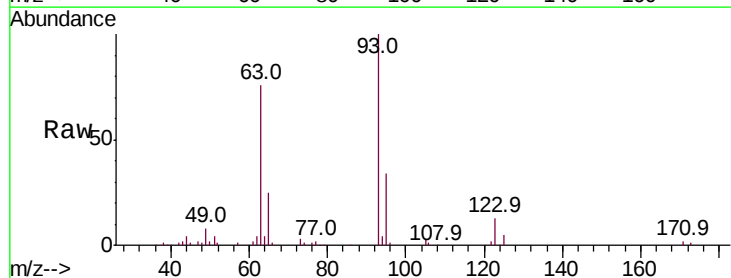
Instrument :
 BNA_G
 ClientSampled :

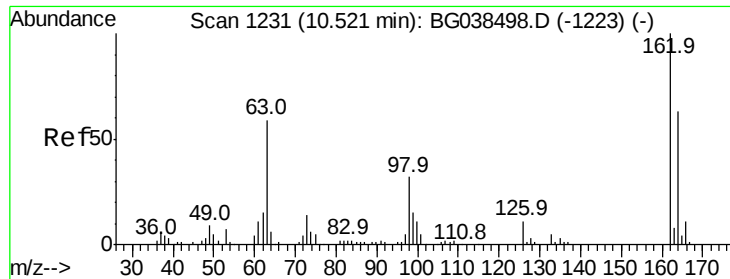
Tot Ion:122 Resp: 58822
 Ion Ratio Lower Upper
 122 100
 107 117.4 98.4 147.6
 121 55.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.939 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion: 93 Resp: 79801
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.6 40.0
 123 12.8 10.6 16.0

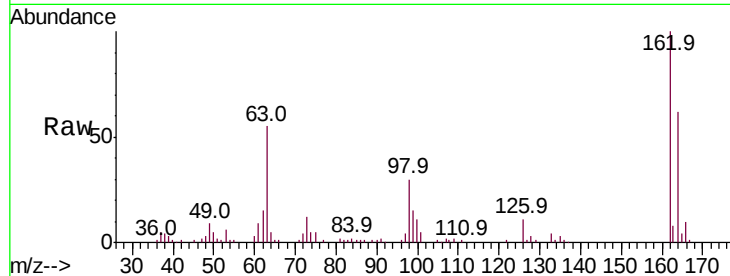




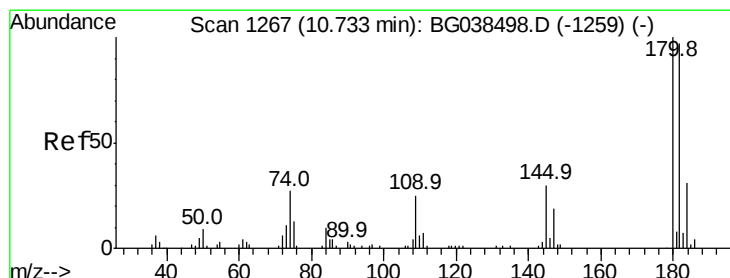
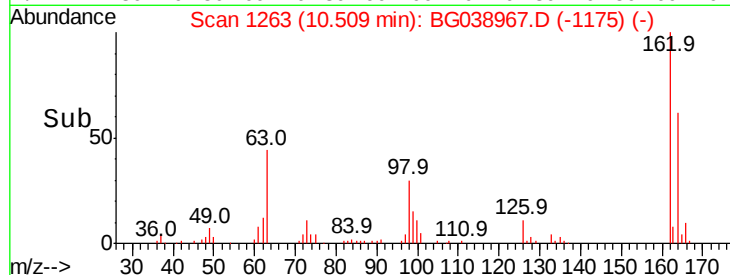
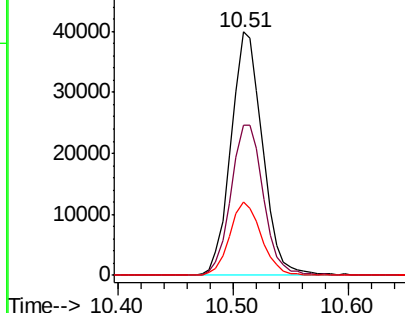
#29
 2,4-Dichlorophenol
 Concen: 44.057 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 75448
 Ion Ratio Lower Upper
 162 100
 164 61.6 42.9 82.9
 98 30.0 12.1 52.1

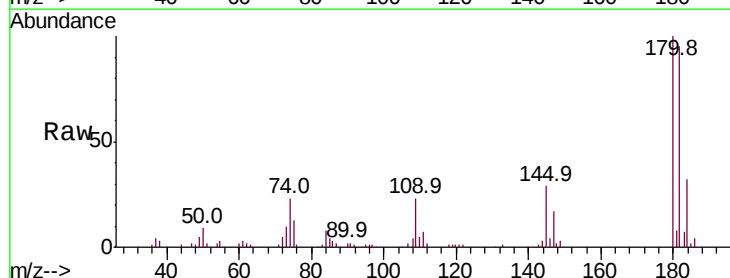


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

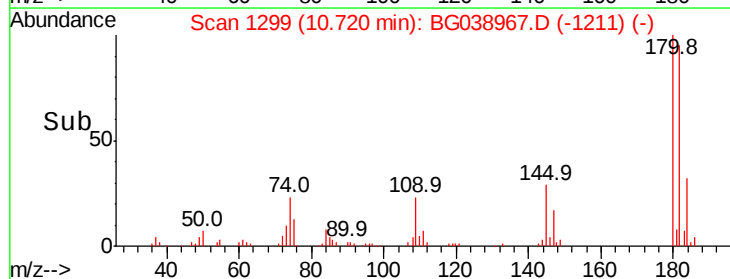
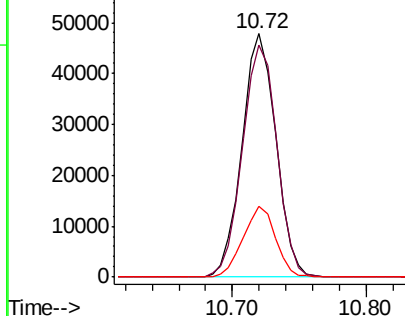


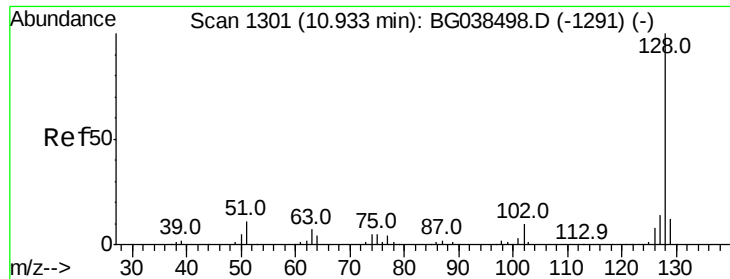
#30
 1,2,4-Trichlorobenzene
 Concen: 40.568 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:180 Resp: 83916
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.4 116.0
 145 28.9 24.1 36.1



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

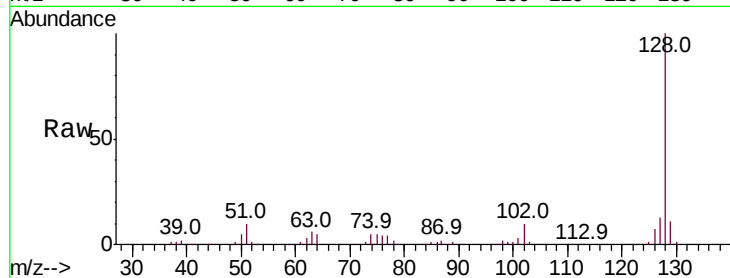




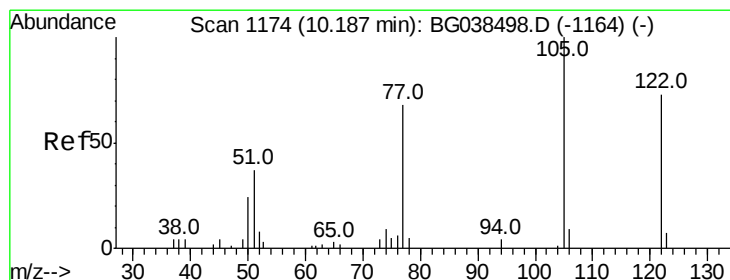
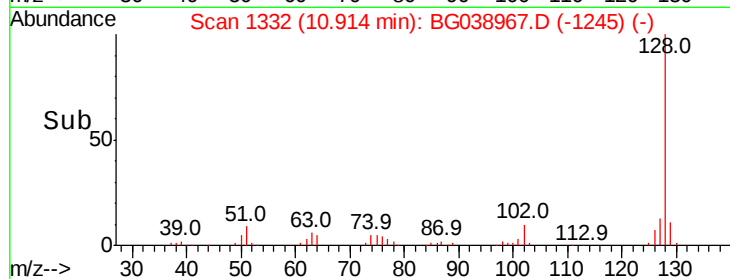
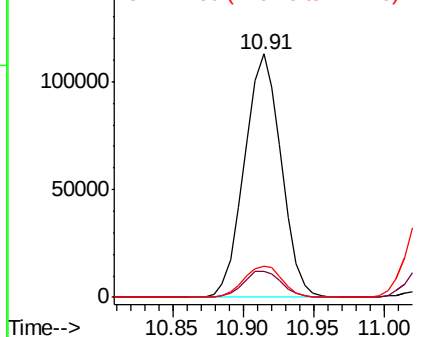
#31
Naphthalene
Concen: 39.413 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 205798
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 12.8 10.9 16.3

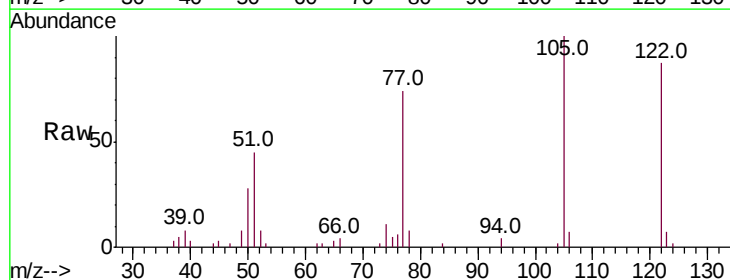


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

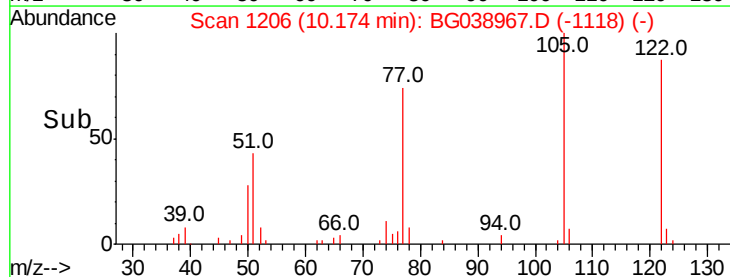
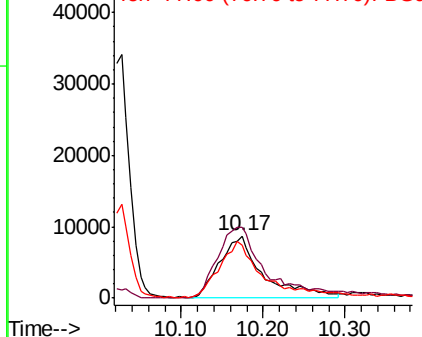


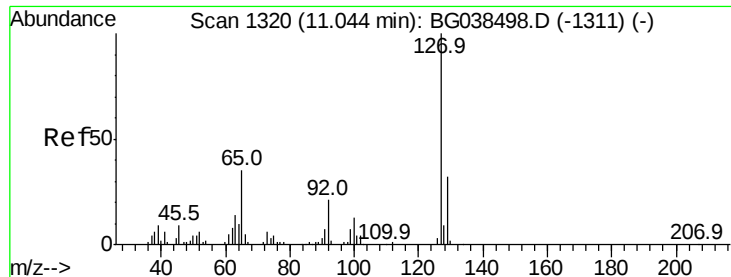
#32
Benzoic acid
Concen: 36.195 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:122 Resp: 32290
Ion Ratio Lower Upper
122 100
105 114.3 116.7 156.7#
77 85.0 72.5 112.5



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

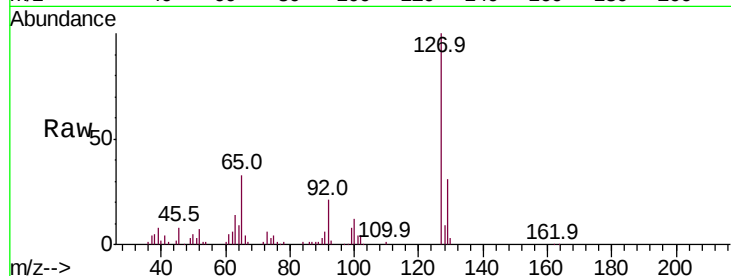




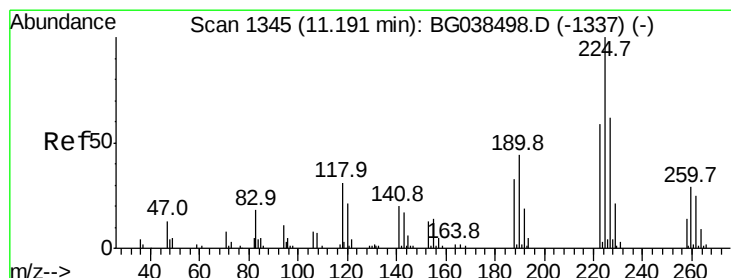
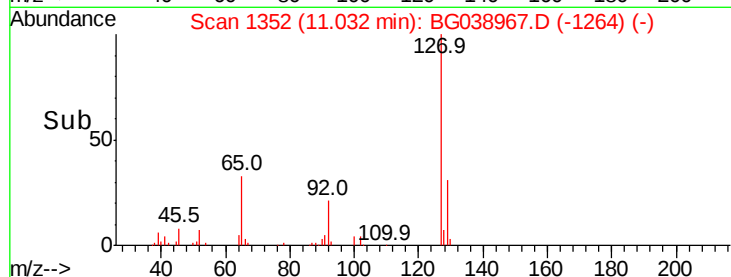
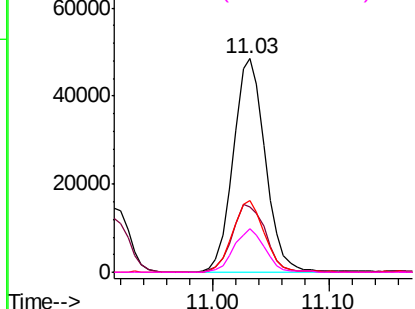
#33
4-Chloroaniline
Concen: 41.084 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	93137
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.8
65	33.4	27.8	41.6
92	20.6	17.0	25.6

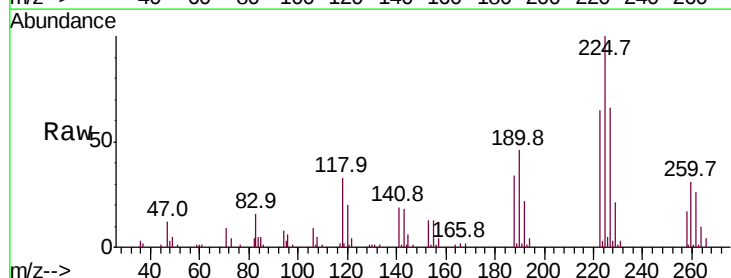


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

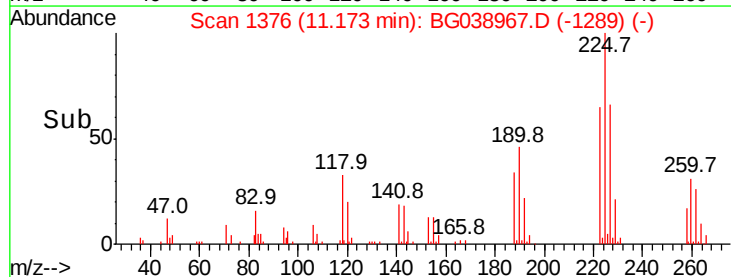
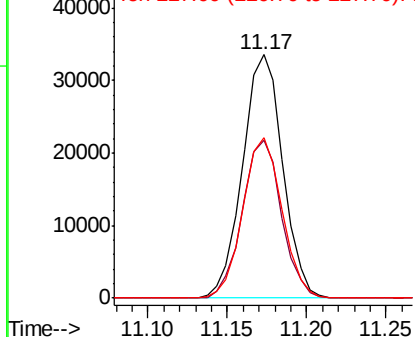


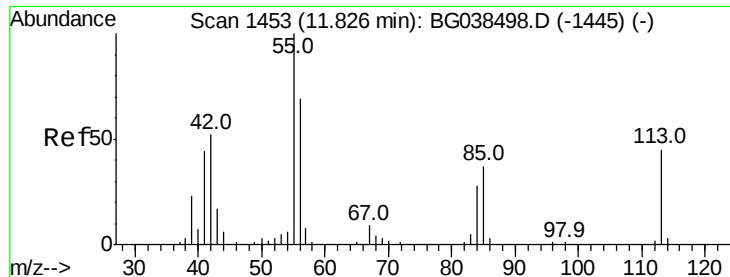
#34
Hexachlorobutadiene
Concen: 42.120 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:	225	Resp:	58955
Ion	Ratio	Lower	Upper
225	100		
223	64.9	45.0	67.6
227	69.6	50.6	75.8



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





#35

Caprolactam

Concen: 39.998 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampled :

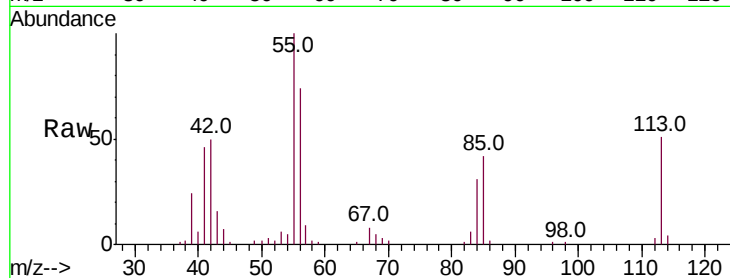
Tot Ion:113 Resp: 28347

Ion Ratio Lower Upper

113 100

55 196.1 204.3 244.3#

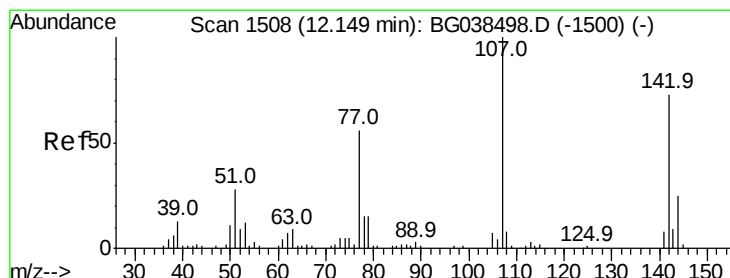
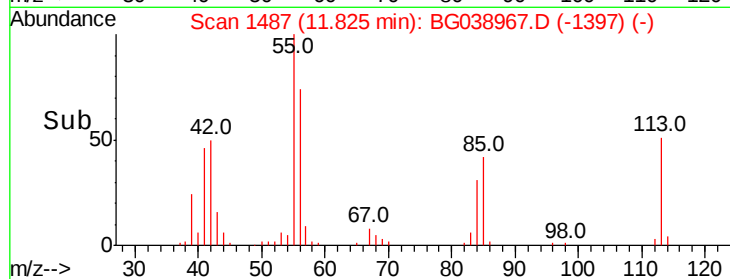
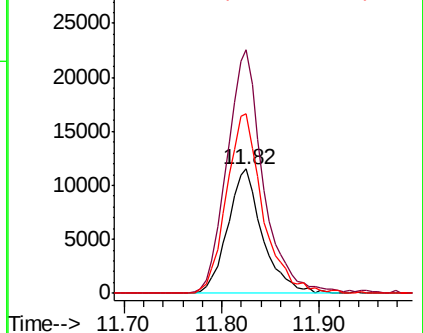
56 144.9 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.678 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

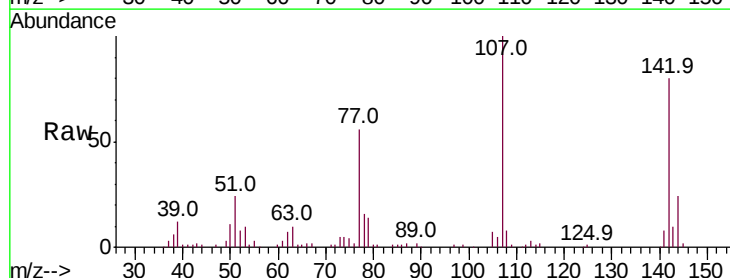
Tgt Ion:107 Resp: 79496

Ion Ratio Lower Upper

107 100

144 24.5 20.1 30.1

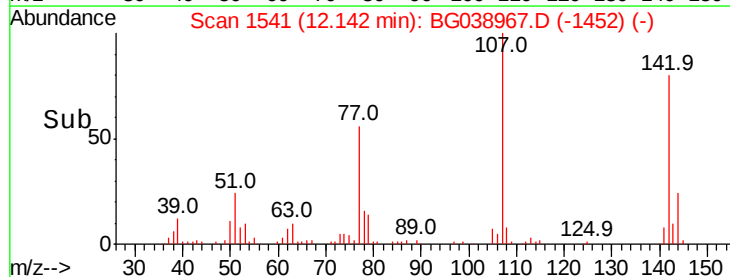
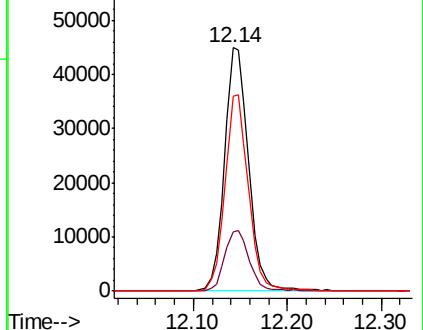
142 80.3 58.7 88.1

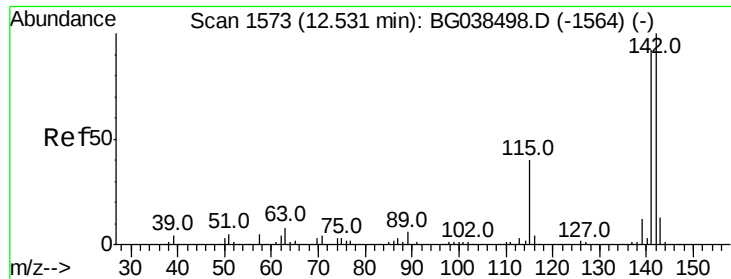


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

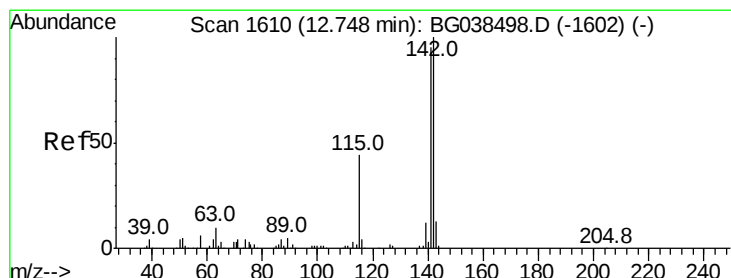
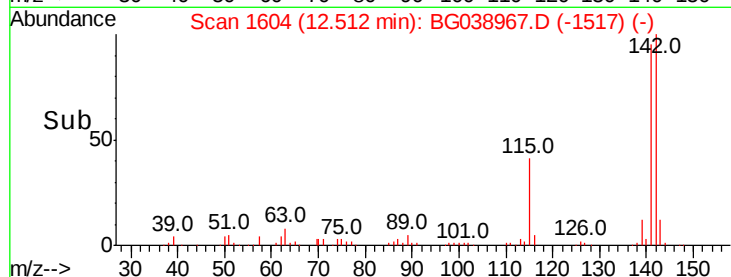
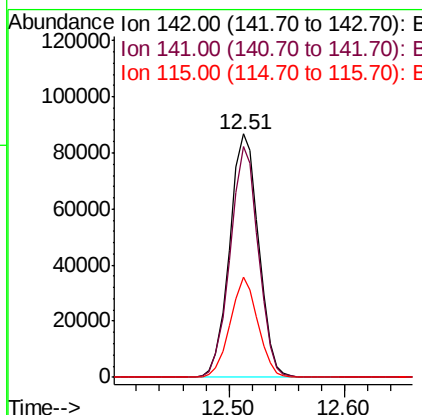
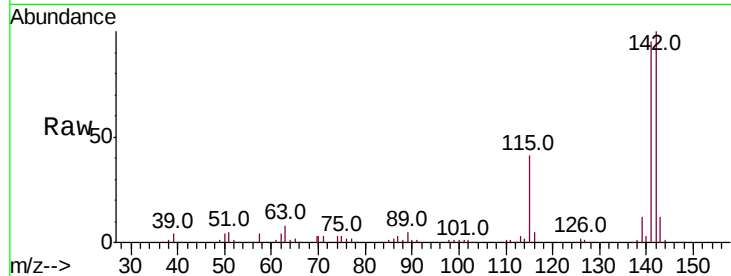




#37
 2-Methylnaphthalene
 Concen: 40.466 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

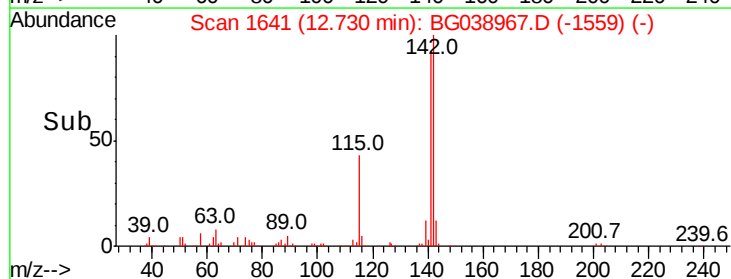
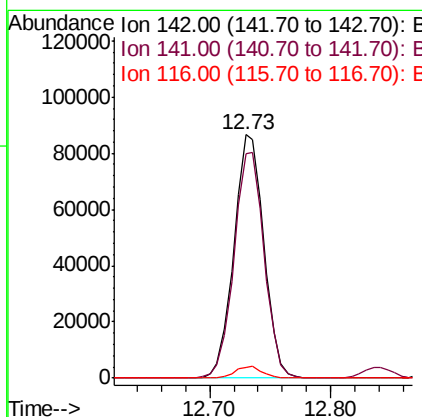
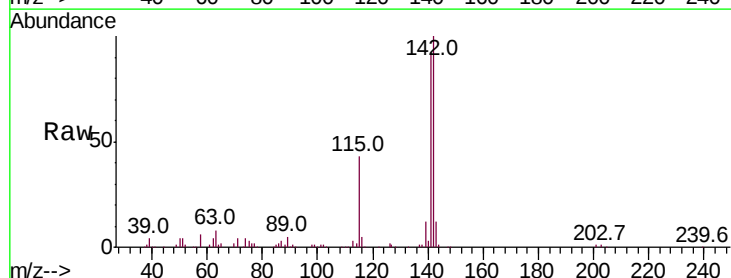
Instrument :
 BNA_G
 ClientSampled :

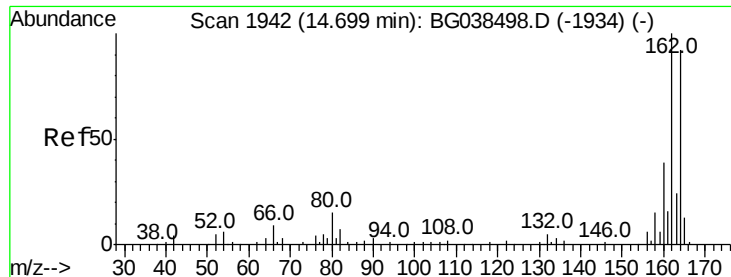
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.9	73.5	110.3
115	41.3	31.7	47.5



#38
 1-Methylnaphthalene
 Concen: 41.251 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.8	113.8
116	4.5	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

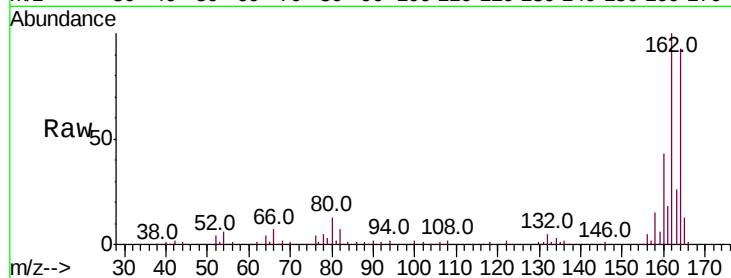
Tot Ion:164 Resp: 73439

Ion Ratio Lower Upper

164 100

162 107.6 86.6 130.0

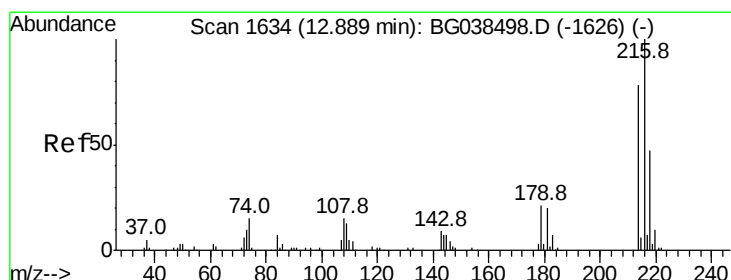
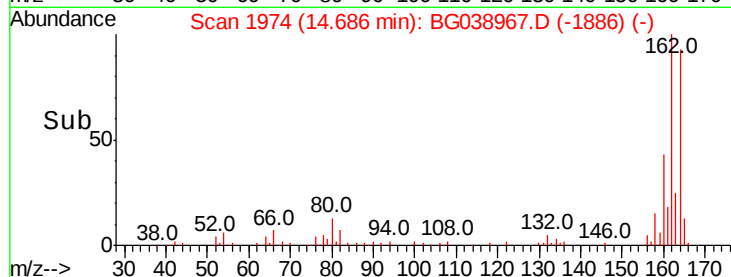
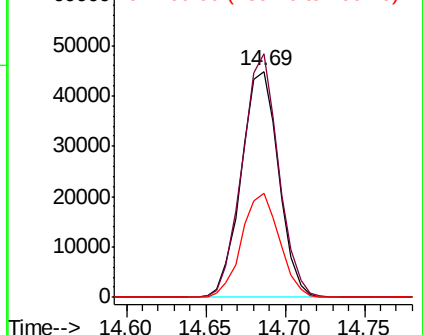
160 45.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.661 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Tgt Ion:216 Resp: 111618

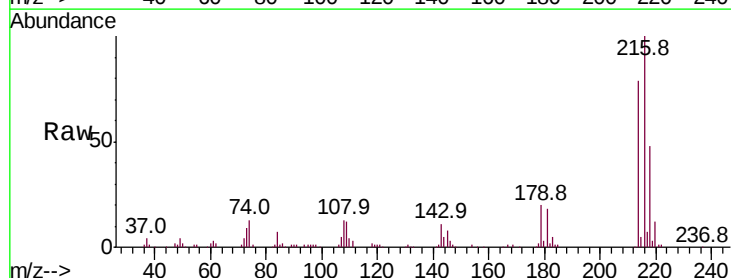
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 20.0 16.4 24.6

108 15.6 13.9 20.9

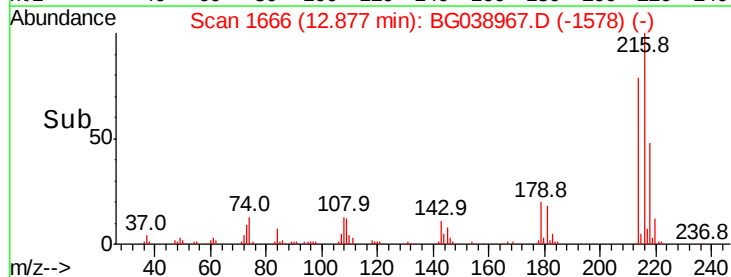
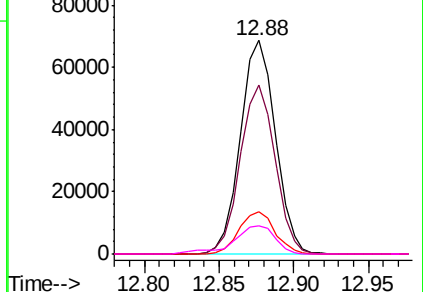


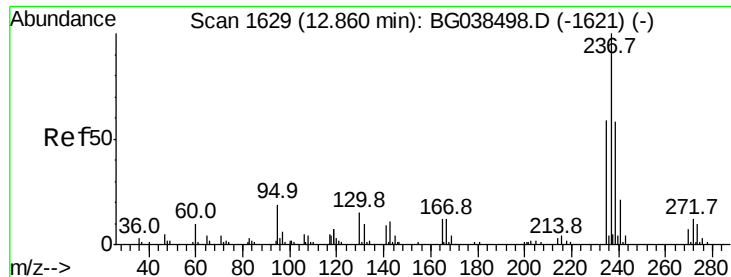
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.486 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

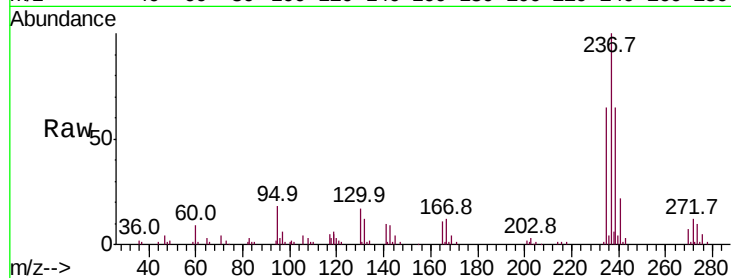
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 61060

Ion	Ratio	Lower	Upper
237	100		
235	64.8	38.8	78.8
272	11.6	0.0	32.0

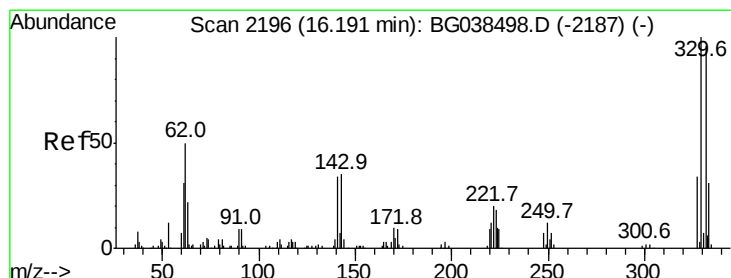
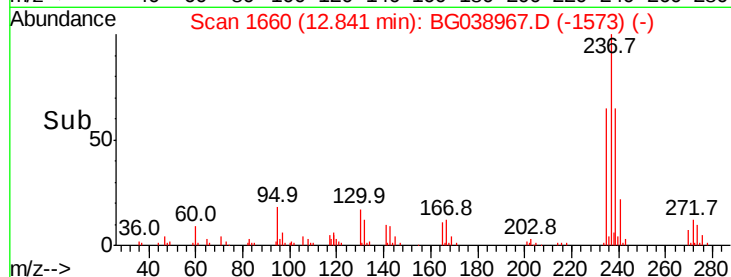
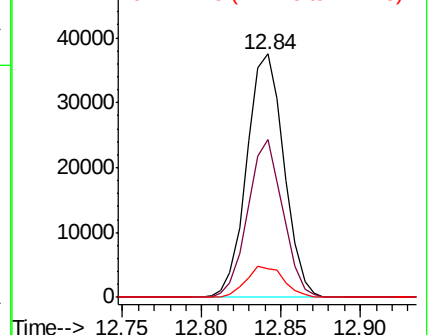


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.177 ng

RT: 16.18 min Scan# 2228

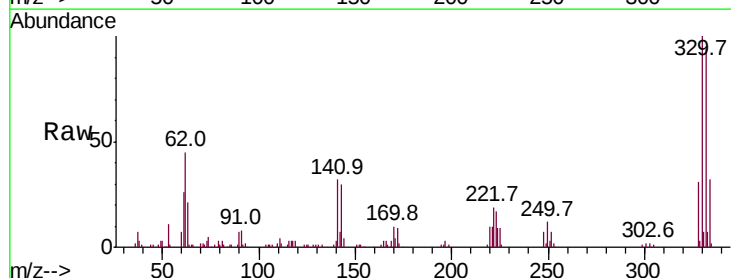
Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Tgt Ion:330 Resp: 89246

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	33.1	28.8	43.2

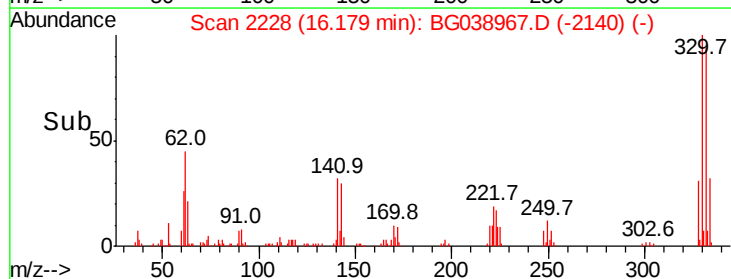
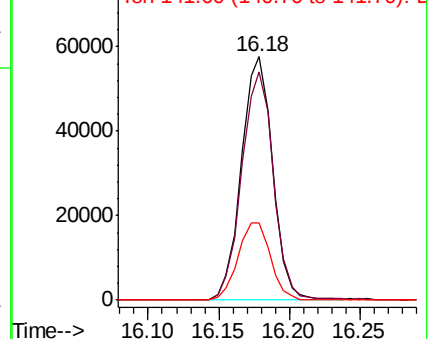


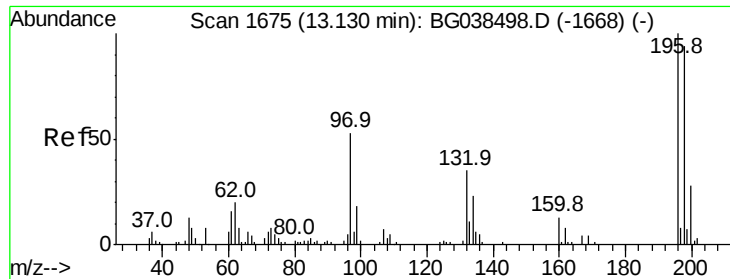
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

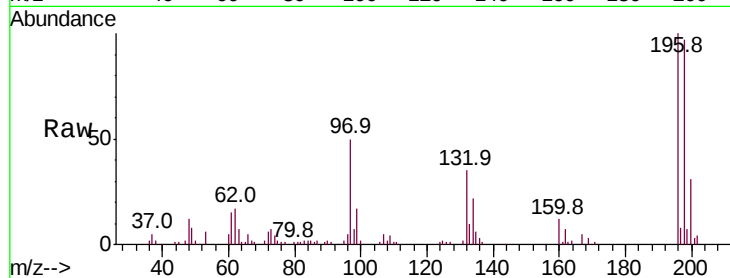




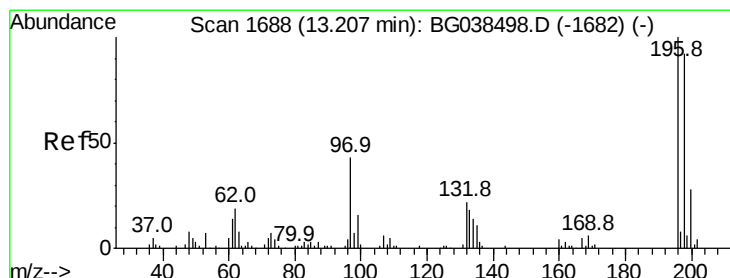
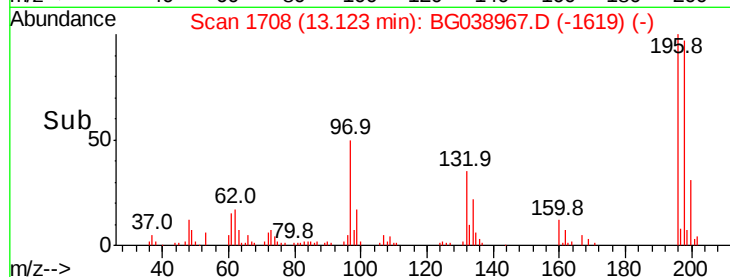
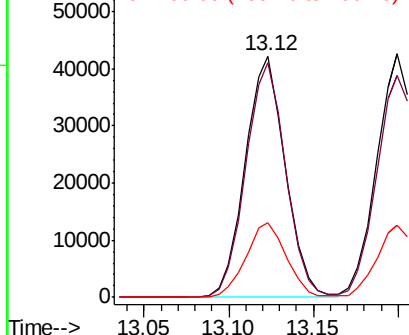
#43
 2,4,6-Trichlorophenol
 Concen: 41.140 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:196 Resp: 69440
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.0 112.4
 200 31.2 22.4 33.6



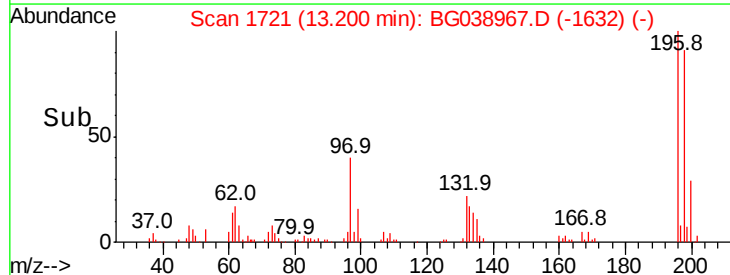
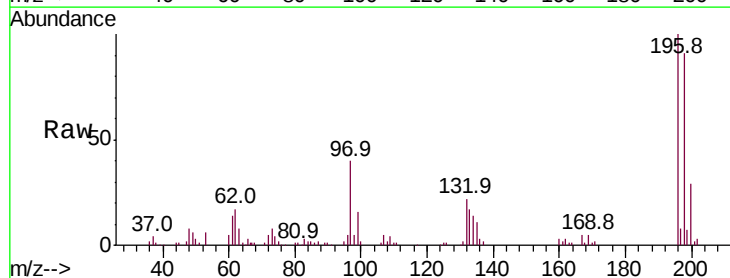
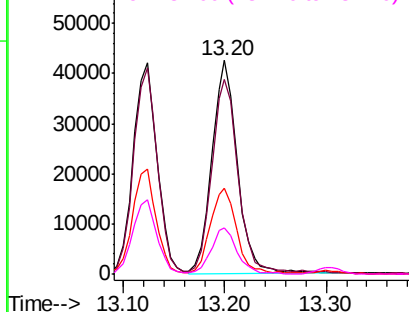
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

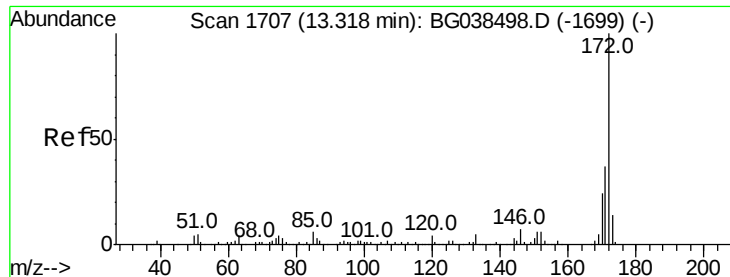


#44
 2,4,5-Trichlorophenol
 Concen: 40.976 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:196 Resp: 73228
 Ion Ratio Lower Upper
 196 100
 198 91.2 74.0 111.0
 97 40.3 35.1 52.7
 132 21.6 18.0 27.0

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

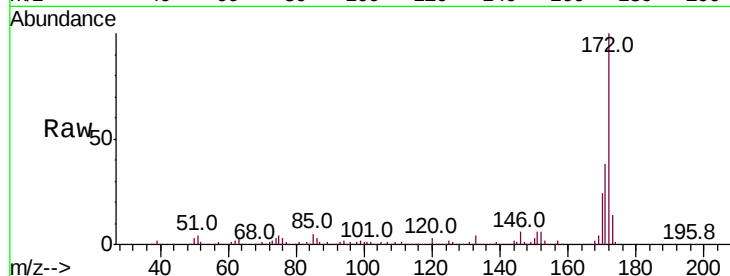




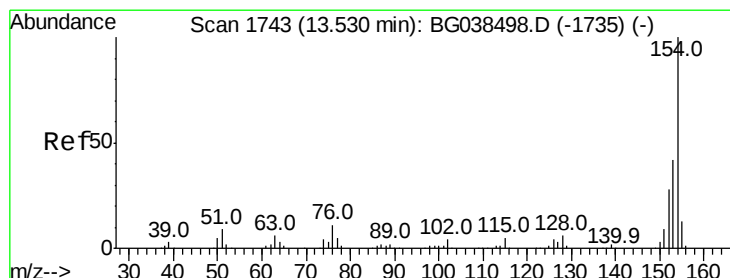
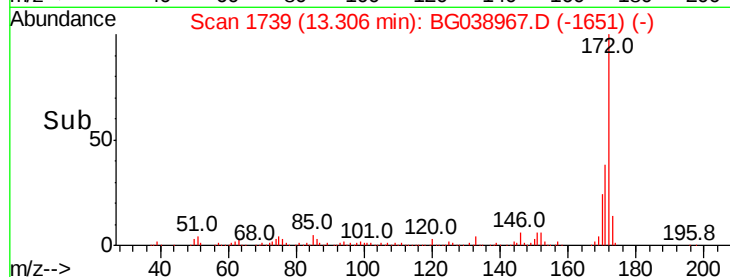
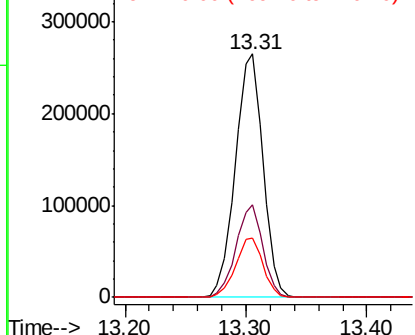
#45
2-Fluorobiphenyl
Concen: 78.937 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 422570
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 24.3 19.5 29.3

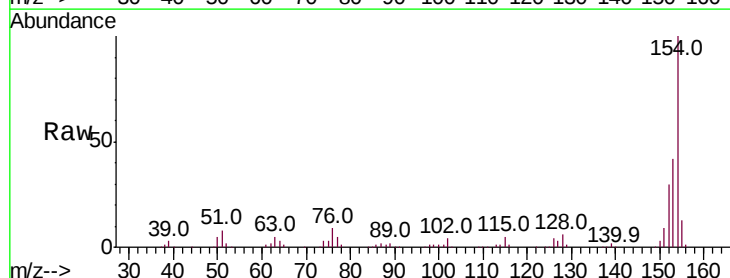


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

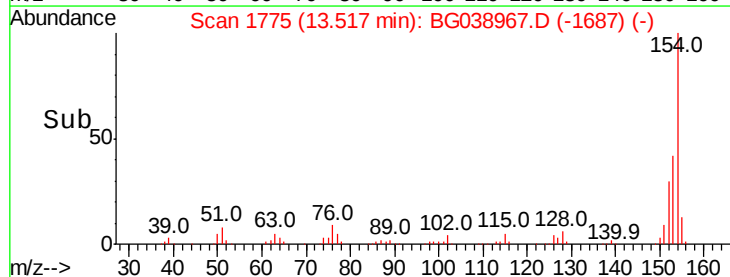
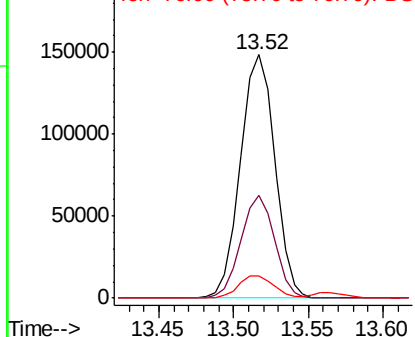


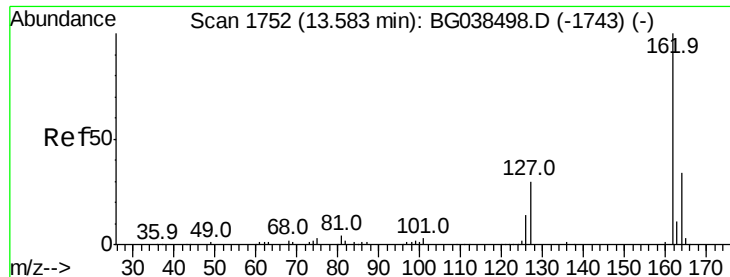
#46
1,1'-Biphenyl
Concen: 38.576 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:154 Resp: 237498
Ion Ratio Lower Upper
154 100
153 42.4 22.1 62.1
76 9.4 0.0 31.2



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

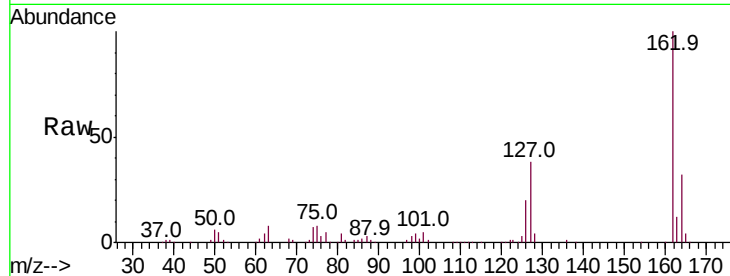




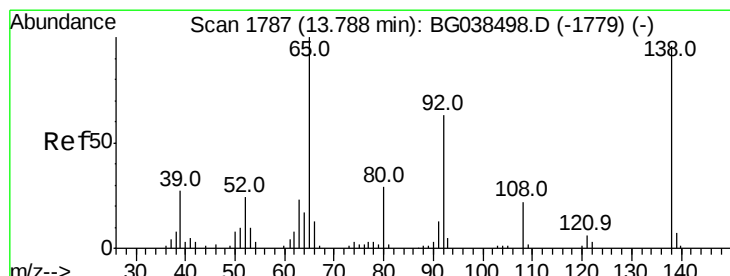
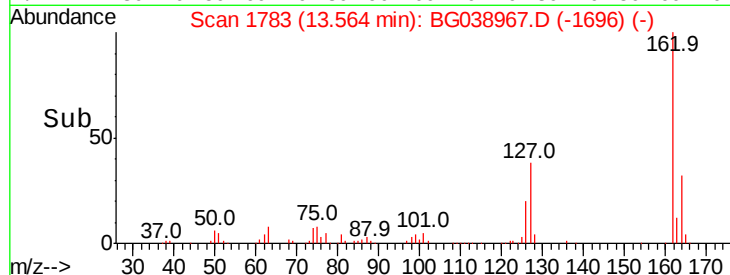
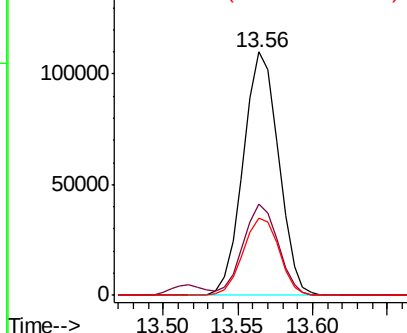
#47
 2-Chloronaphthalene
 Concen: 37.980 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	27.8	41.8
164	31.6	26.9	40.3

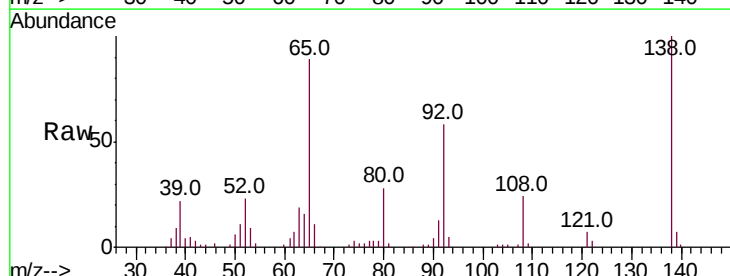


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

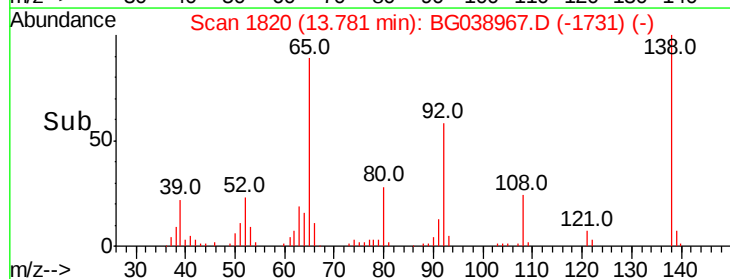
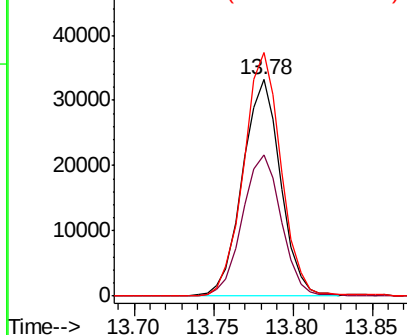


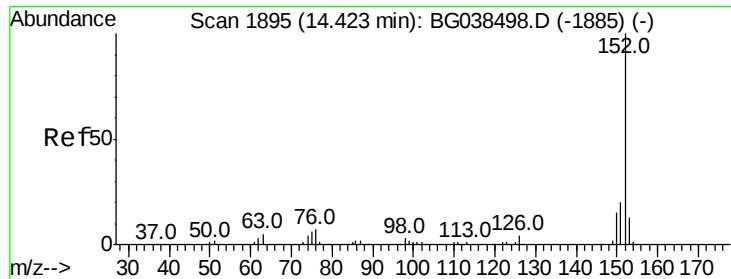
#48
 2-Nitroaniline
 Concen: 36.567 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	50.0	75.0
138	112.5	76.9	115.3



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





#49

Acenaphthylene

Concen: 38.667 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

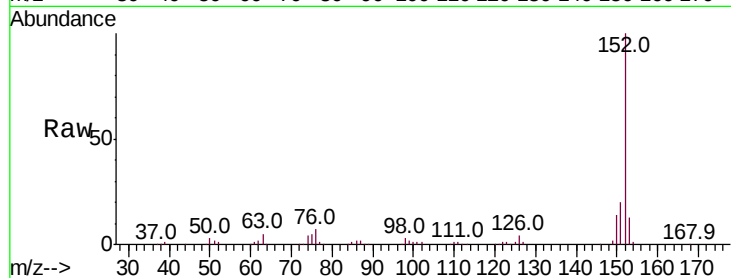
Tot Ion:152 Resp: 274901

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

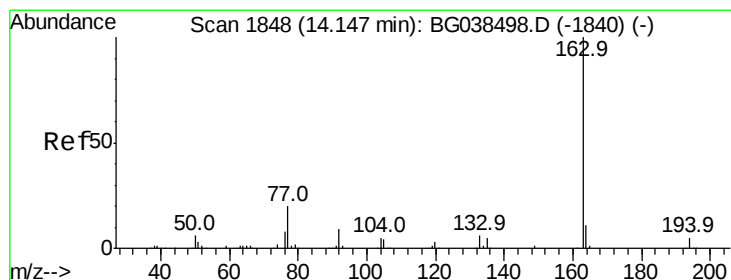
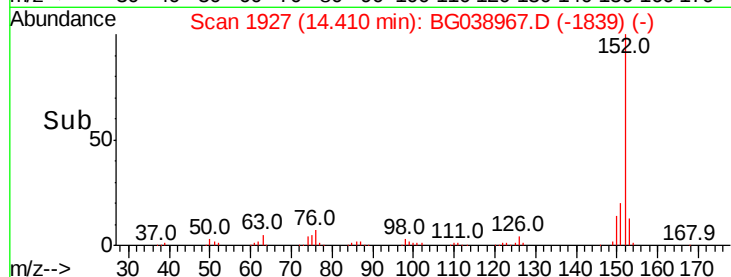
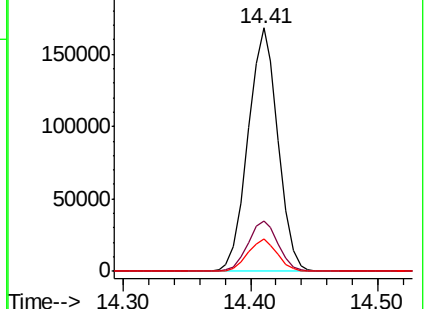
153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.728 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

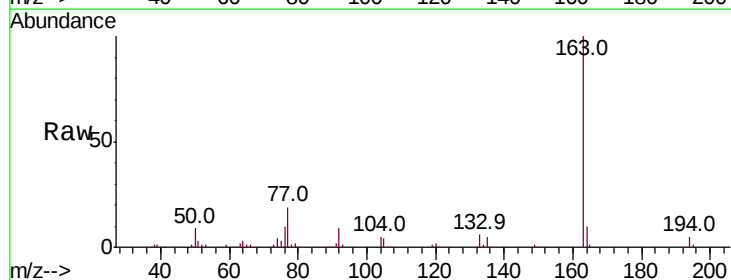
Tgt Ion:163 Resp: 232262

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

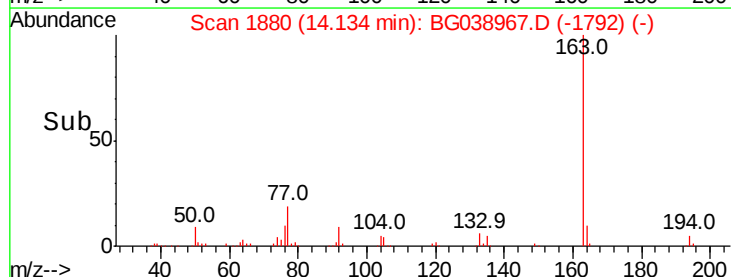
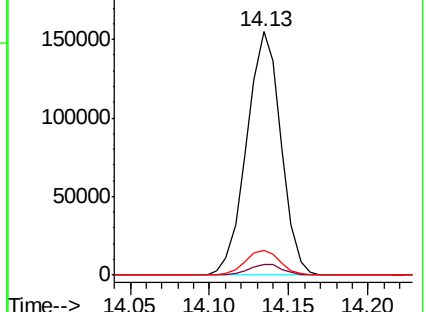
164 9.9 8.6 12.8

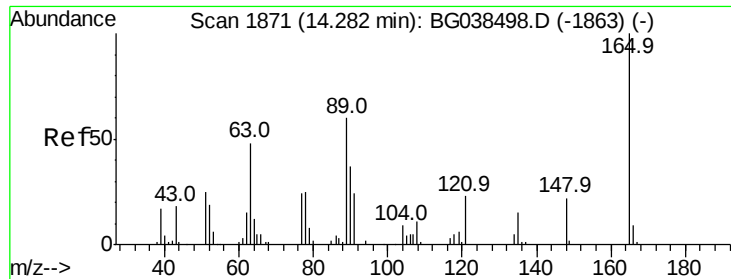


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

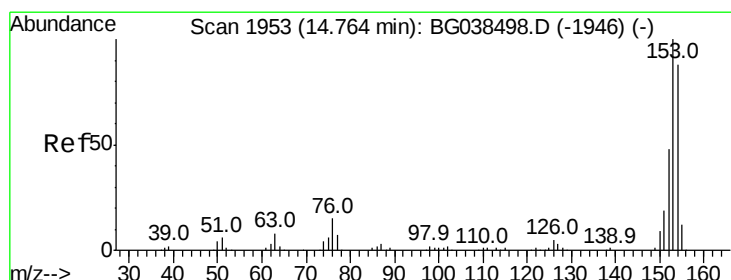
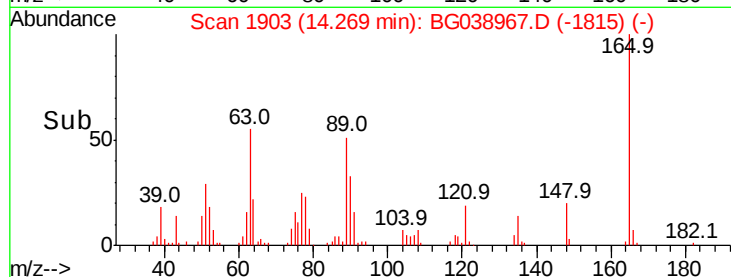
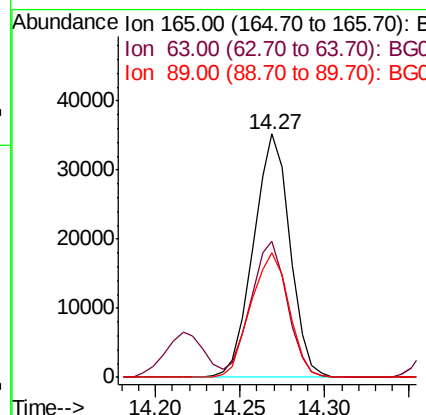
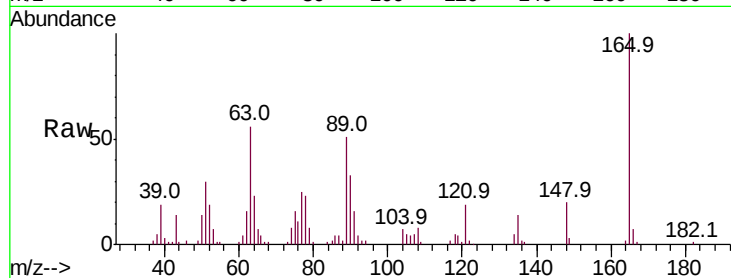




#51
 2,6-Dinitrotoluene
 Concen: 38.967 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

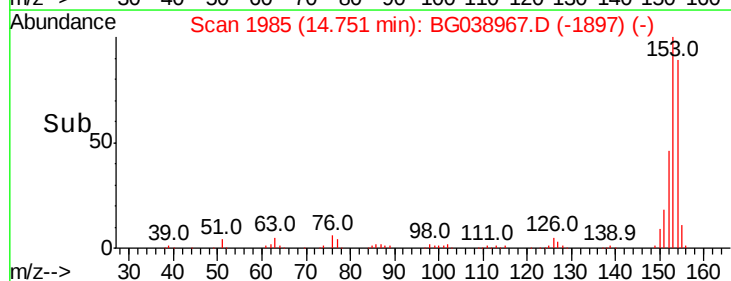
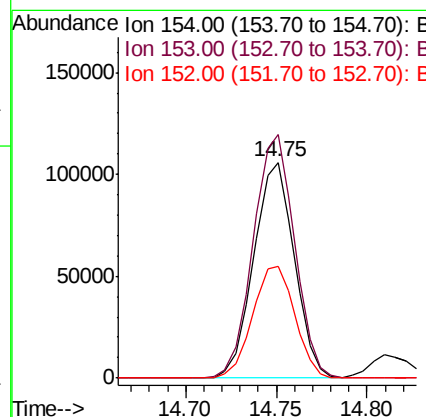
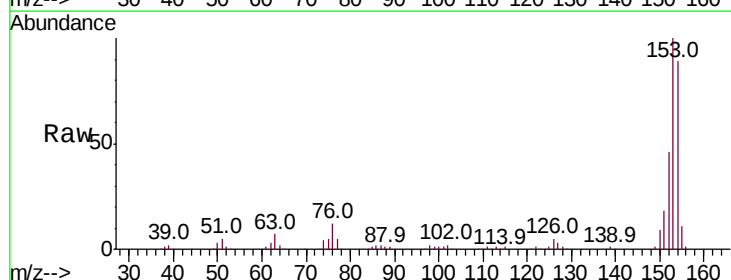
Instrument :
 BNA_G
 ClientSampled :

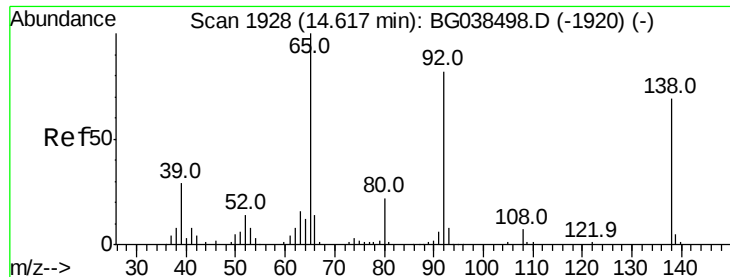
Tot Ion:165 Resp: 52960
 Ion Ratio Lower Upper
 165 100
 63 56.2 51.8 77.6
 89 51.0 47.9 71.9



#52
 Acenaphthene
 Concen: 38.838 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:154 Resp: 165107
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.6 136.0
 152 51.8 43.5 65.3





#53

3-Nitroaniline

Concen: 39.832 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampled :

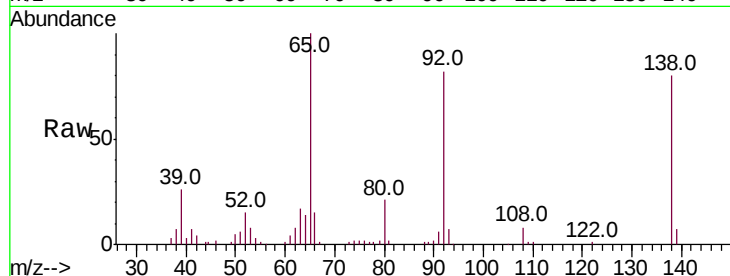
Tot Ion:138 Resp: 55184

Ion Ratio Lower Upper

138 100

108 10.5 7.9 11.9

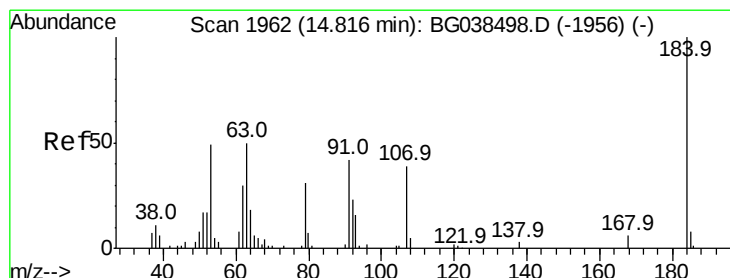
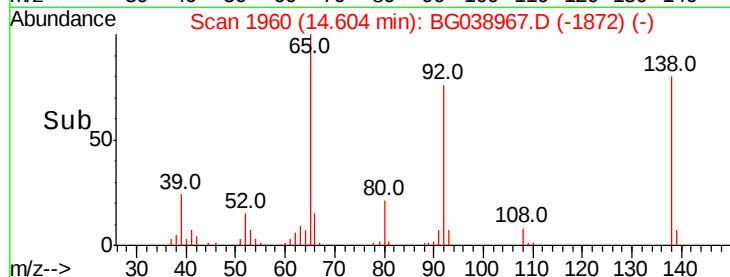
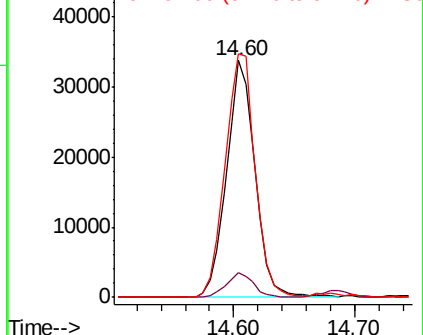
92 102.7 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.806 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

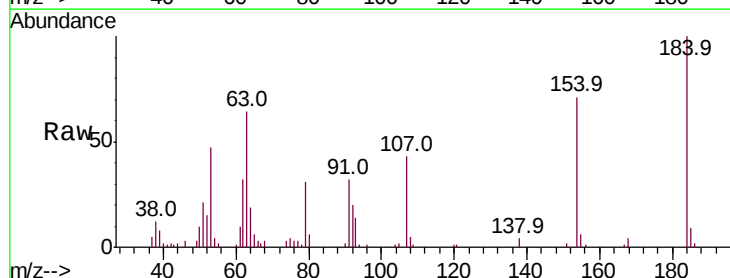
Tgt Ion:184 Resp: 30803

Ion Ratio Lower Upper

184 100

63 63.8 47.0 70.6

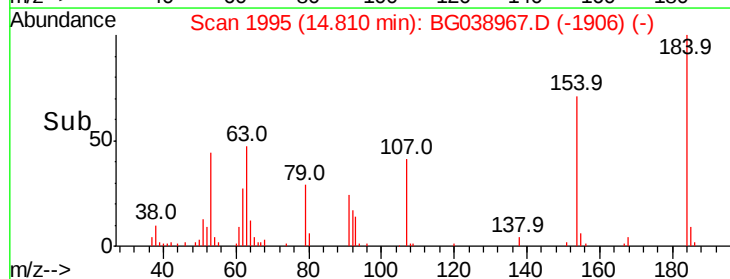
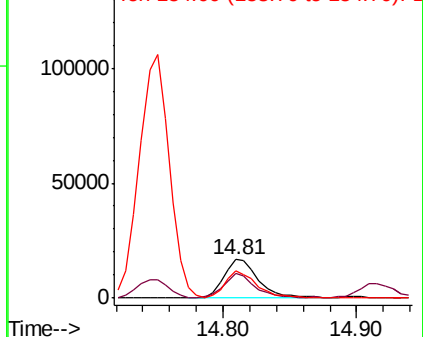
154 70.6 50.3 75.5

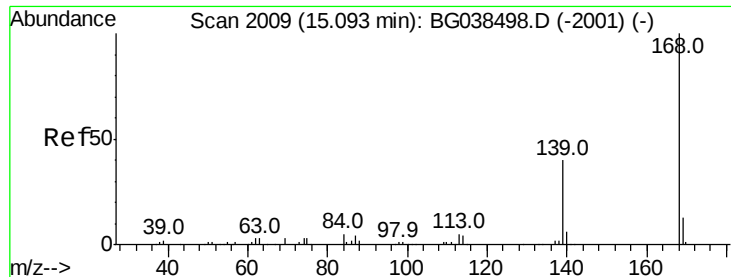


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

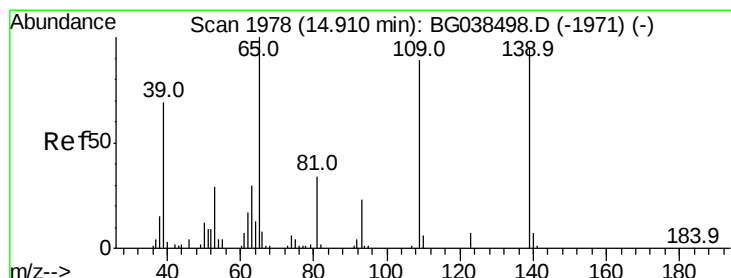
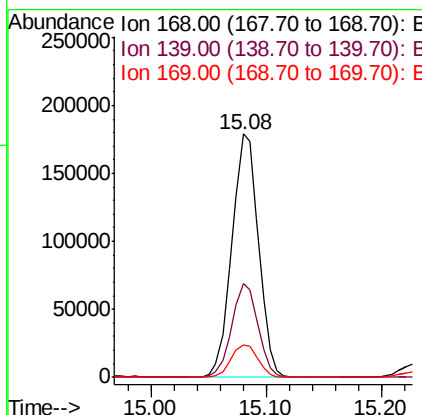
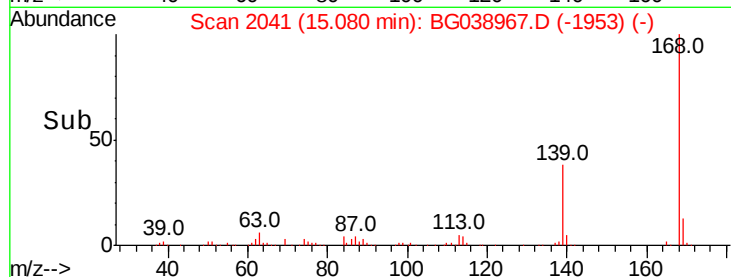
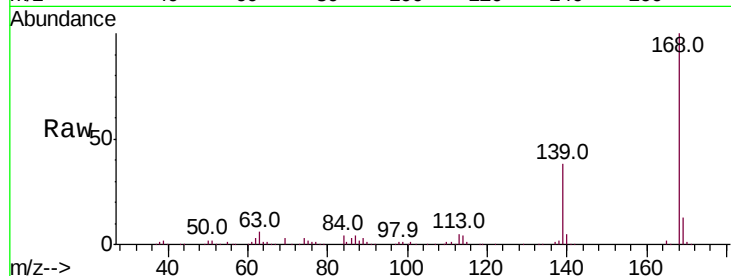




#55
Dibenzofuran
Concen: 39.167 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

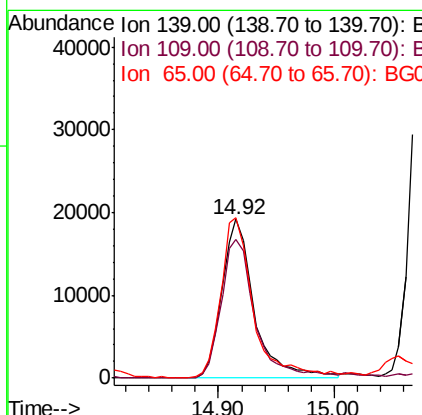
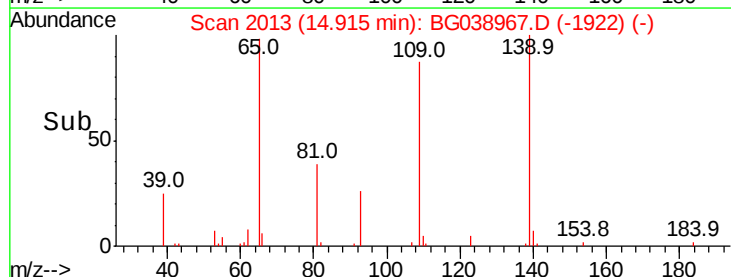
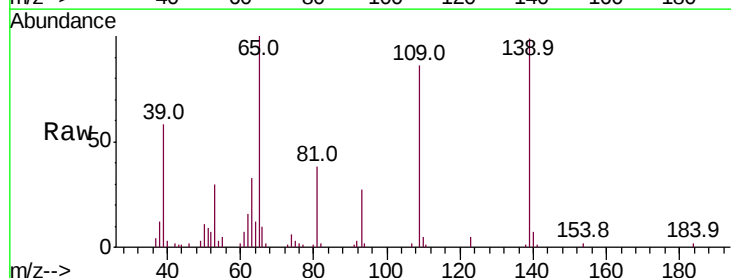
Instrument :
BNA_G
ClientSampleId :

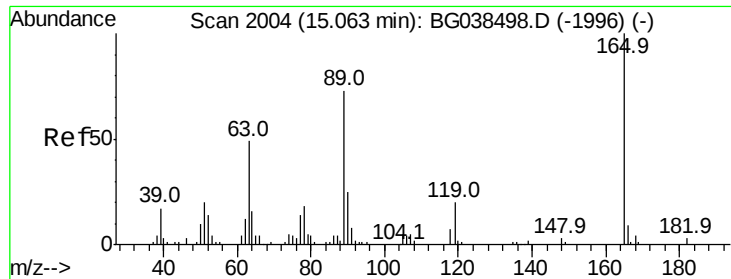
Tot Ion:168 Resp: 285418
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 35.501 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:139 Resp: 37312
Ion Ratio Lower Upper
139 100
109 87.3 73.6 113.6
65 101.4 84.8 124.8

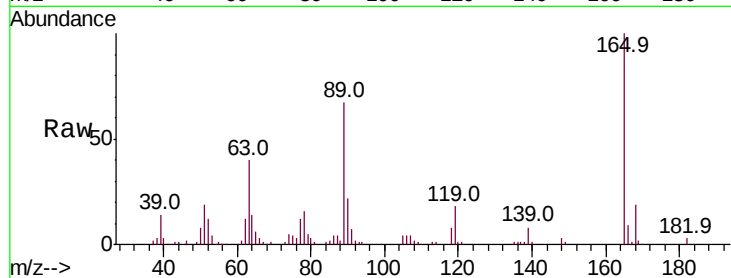




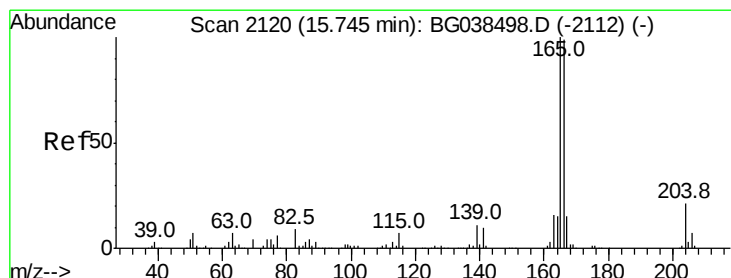
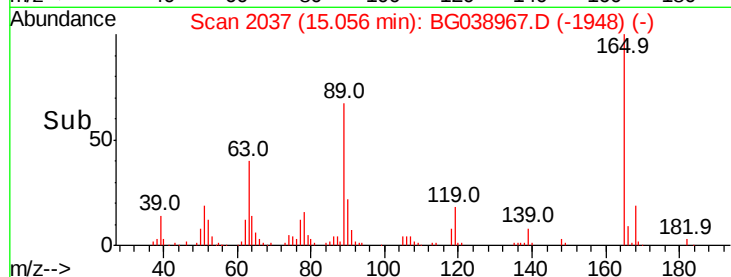
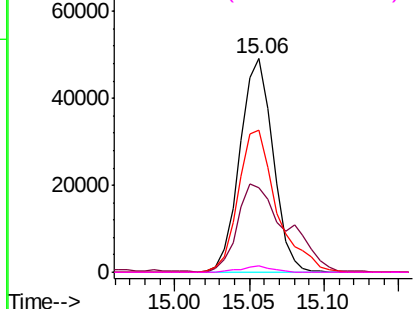
#57
 2,4-Dinitrotoluene
 Concen: 39.554 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 75714
 Ion Ratio Lower Upper
 165 100
 63 39.8 39.0 58.4
 89 66.7 58.0 87.0
 182 2.9 2.3 3.5

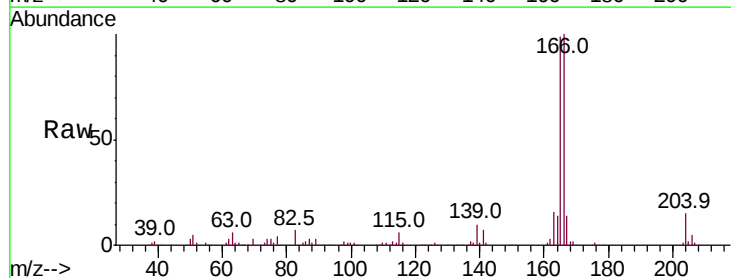


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

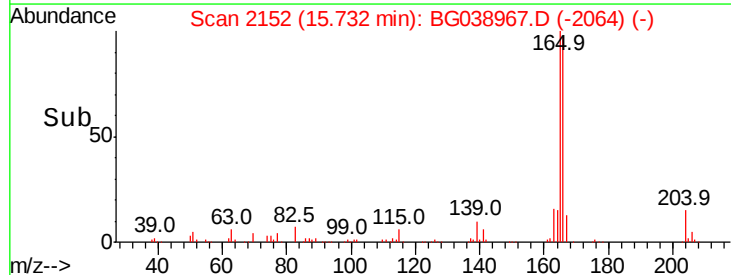
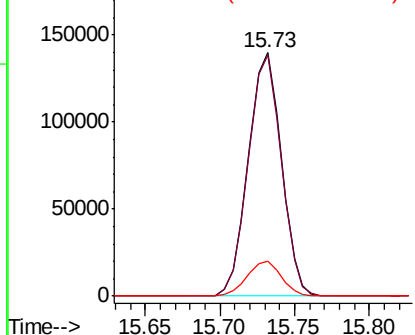


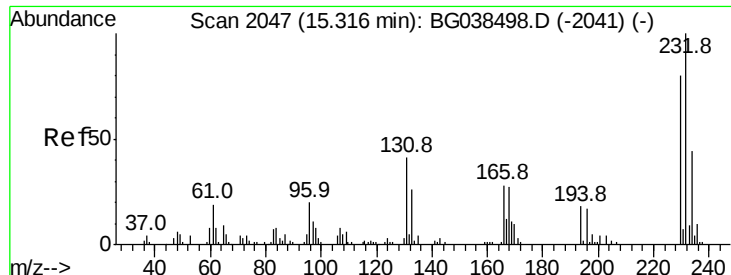
#58
 Fluorene
 Concen: 39.712 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:166 Resp: 214403
 Ion Ratio Lower Upper
 166 100
 165 98.8 80.6 120.8
 167 14.3 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

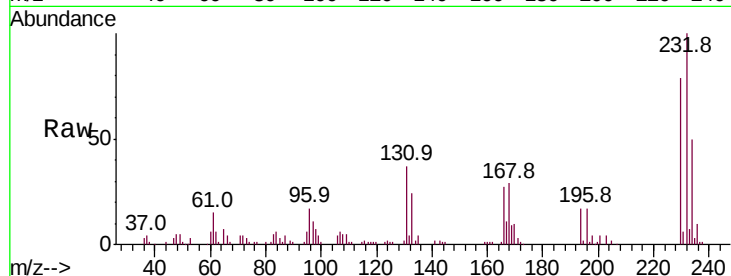




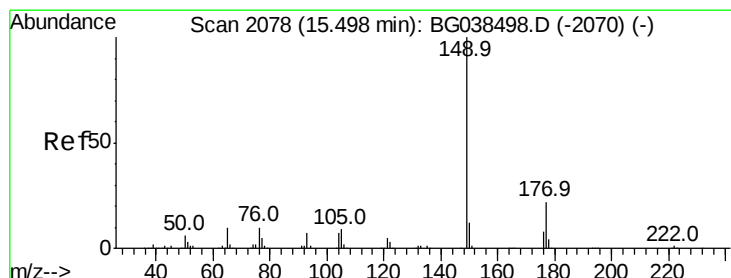
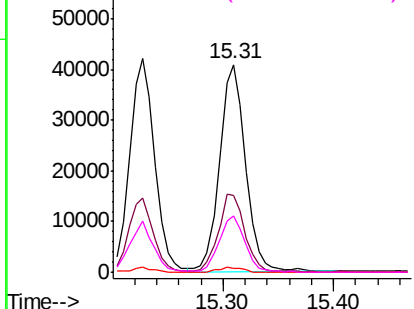
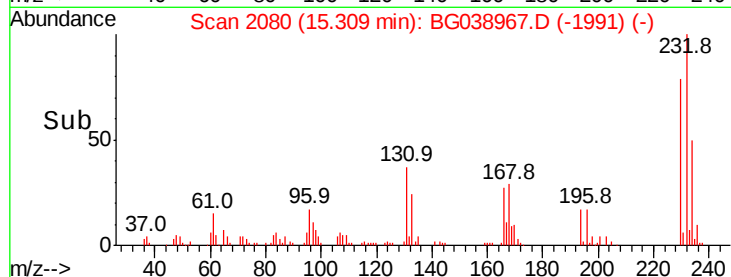
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.635 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 66942
 Ion Ratio Lower Upper
 232 100
 131 38.6 33.0 49.4
 130 2.1 2.0 3.0
 166 27.3 23.1 34.7

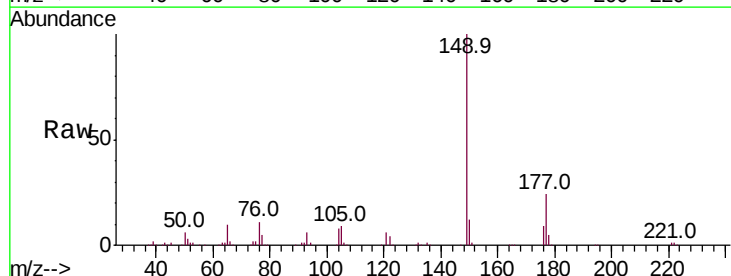


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

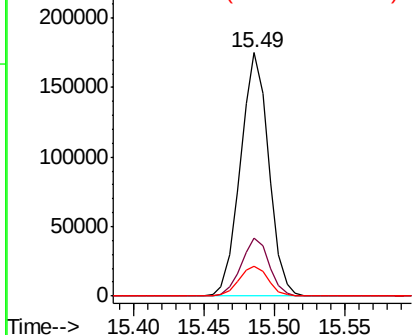
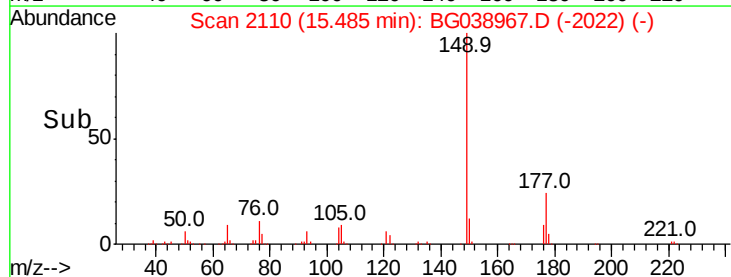


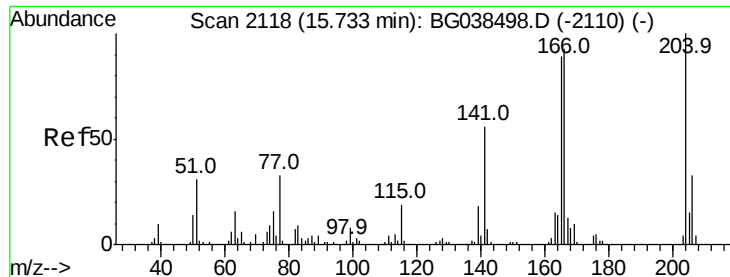
#60
 Diethylphthalate
 Concen: 37.196 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:149 Resp: 244889
 Ion Ratio Lower Upper
 149 100
 177 23.7 17.7 26.5
 150 12.5 9.9 14.9



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

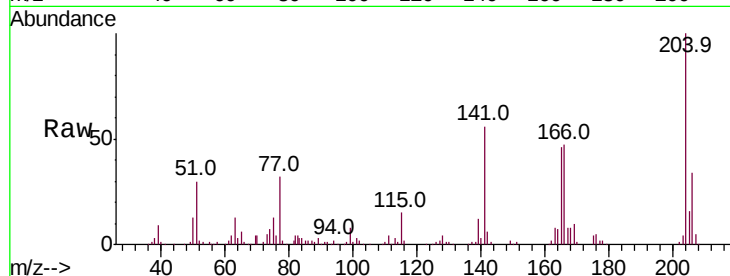




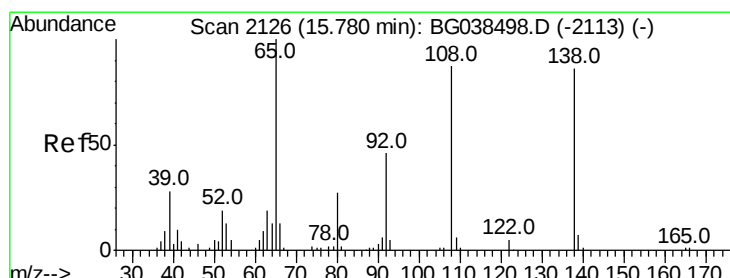
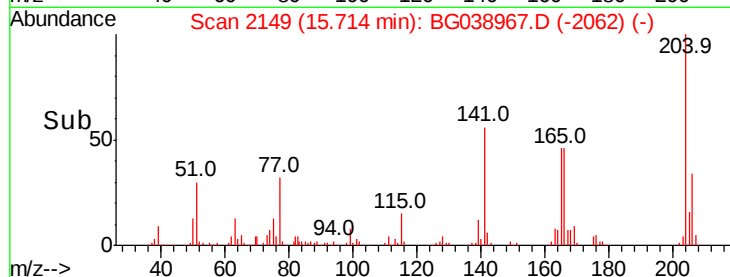
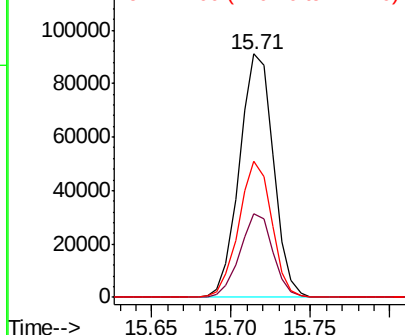
#61
 4-Chlorophenyl-phenylether
 Concen: 40.141 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 135219
 Ion Ratio Lower Upper
 204 100
 206 34.2 26.0 39.0
 141 56.0 44.4 66.6

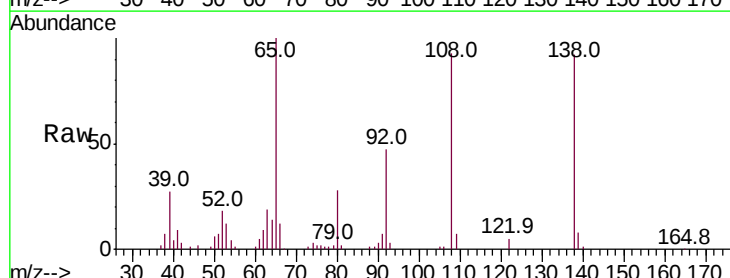


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

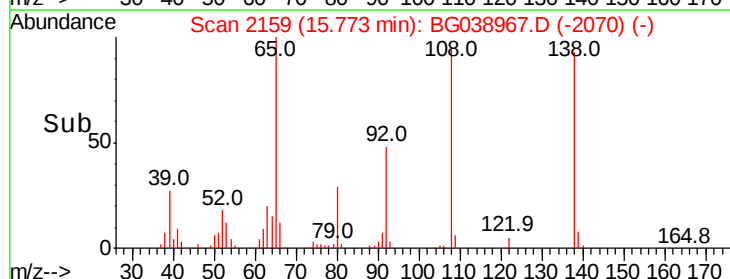
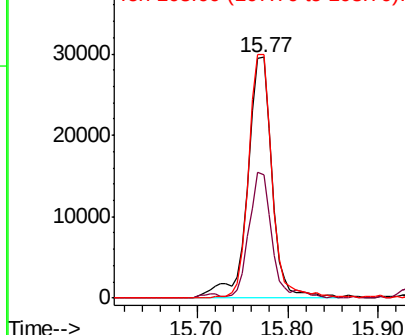


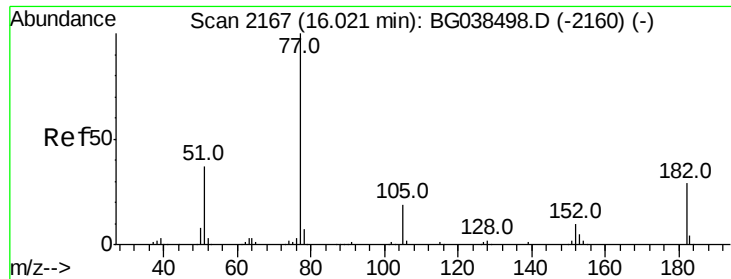
#62
 4-Nitroaniline
 Concen: 38.616 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:138 Resp: 55079
 Ion Ratio Lower Upper
 138 100
 92 51.3 33.3 73.3
 108 101.2 81.4 121.4



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





#63

Azobenzene

Concen: 36.014 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 198075

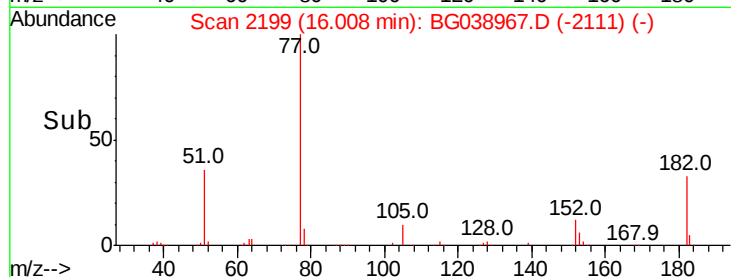
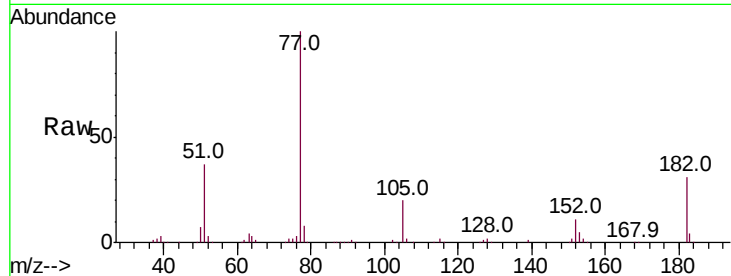
Ion Ratio Lower Upper

77 100

182 31.1 8.7 48.7

105 20.0 0.0 38.7

51 37.2 16.6 56.6

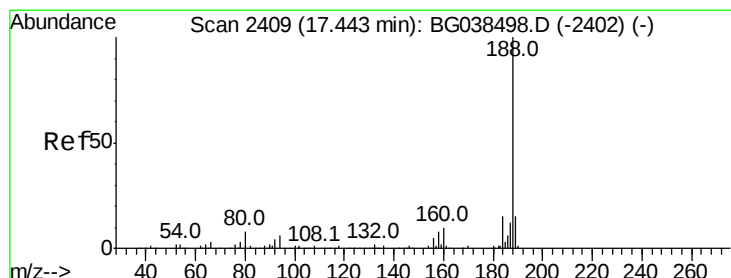
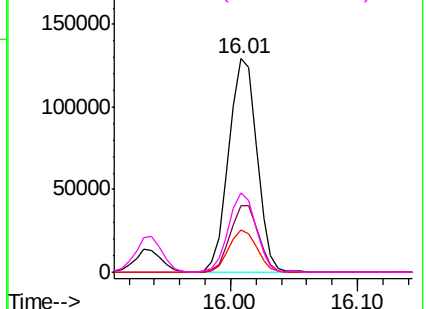


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

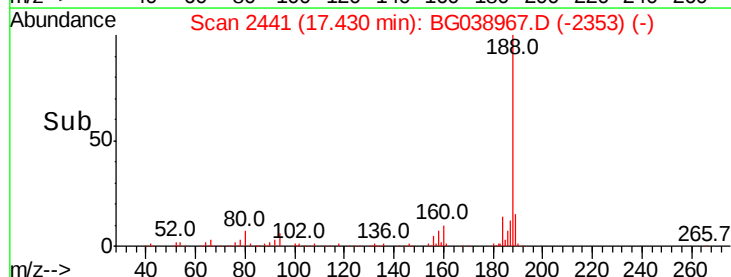
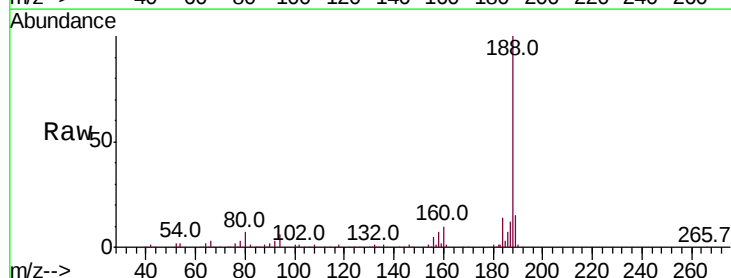
Tgt Ion: 188 Resp: 182013

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

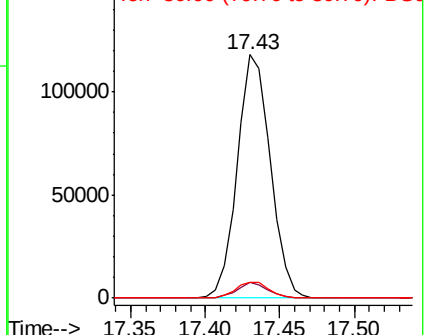
80 6.6 6.1 9.1

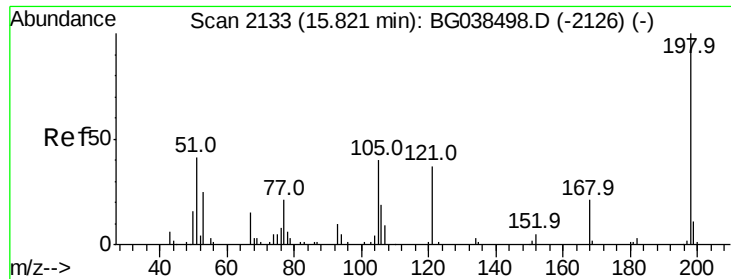


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

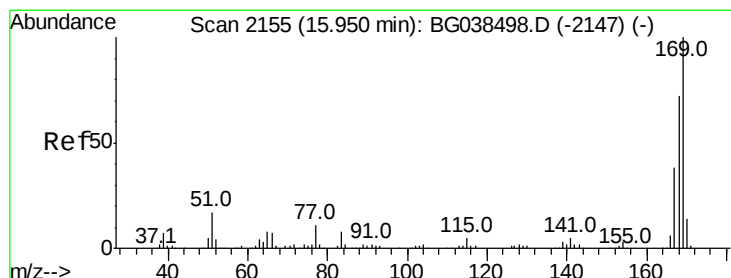
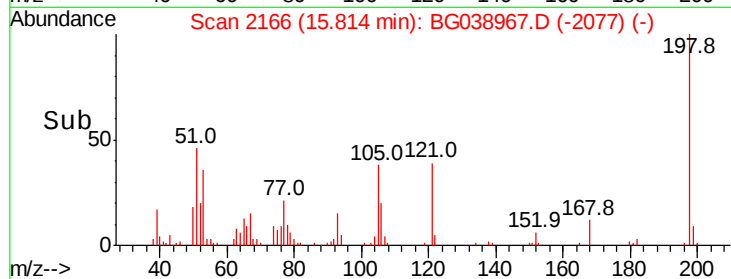
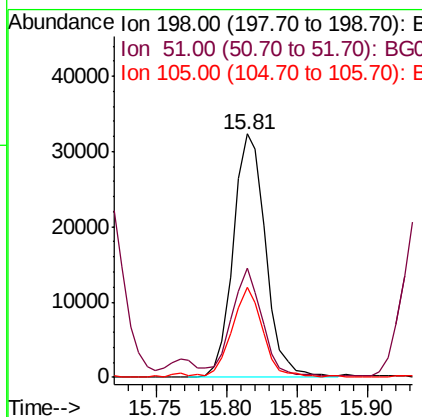
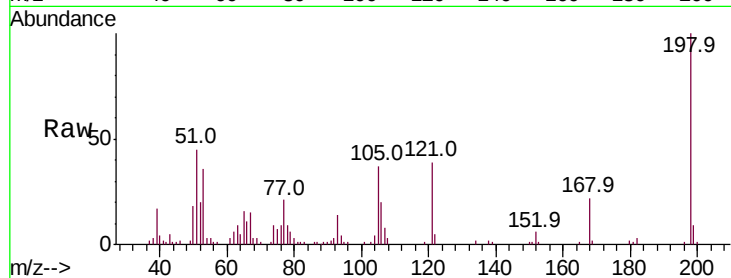




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.841 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

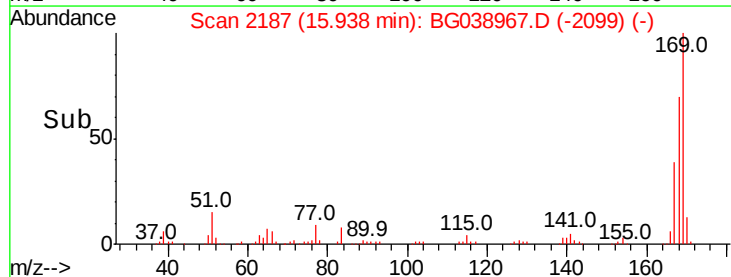
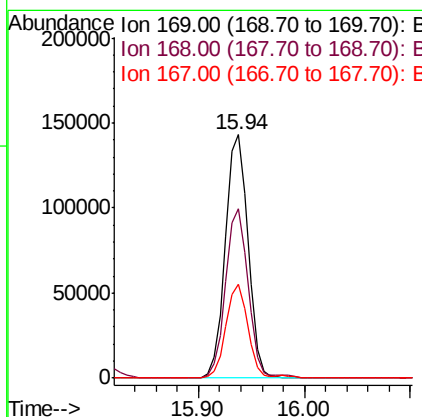
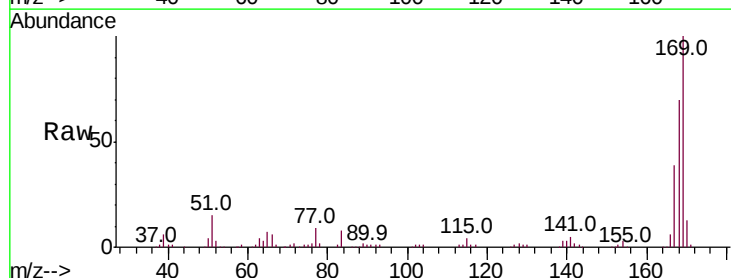
Instrument :
 BNA_G
 ClientSampled :

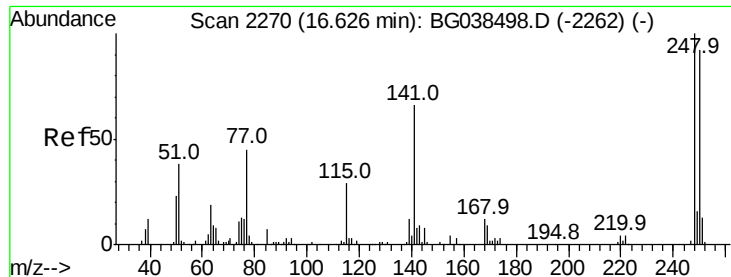
Tot Ion:198 Resp: 51729
 Ion Ratio Lower Upper
 198 100
 51 44.8 28.6 68.6
 105 37.0 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 39.637 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:169 Resp: 211976
 Ion Ratio Lower Upper
 169 100
 168 69.8 57.5 86.3
 167 38.5 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 40.413 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

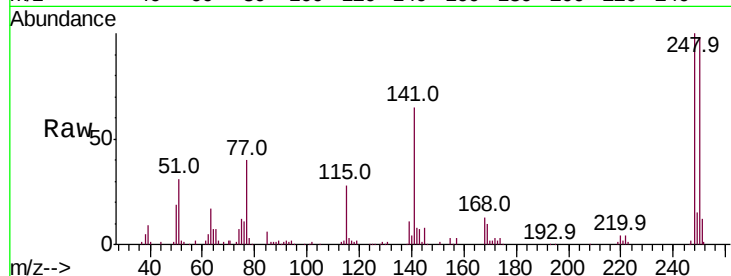
Tot Ion:248 Resp: 89834

Ion Ratio Lower Upper

248 100

250 97.6 73.4 110.2

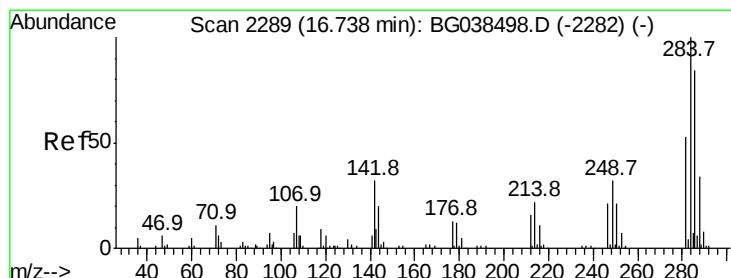
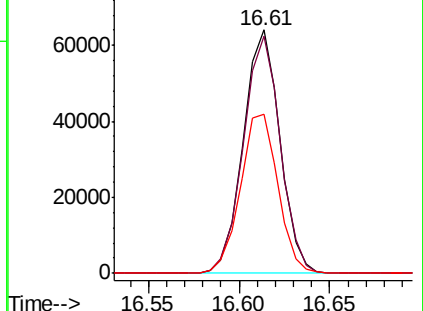
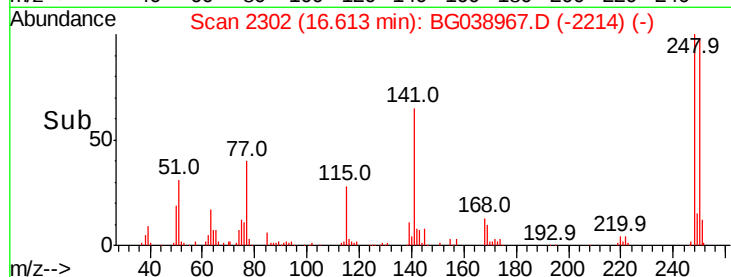
141 65.2 52.9 79.3



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.870 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

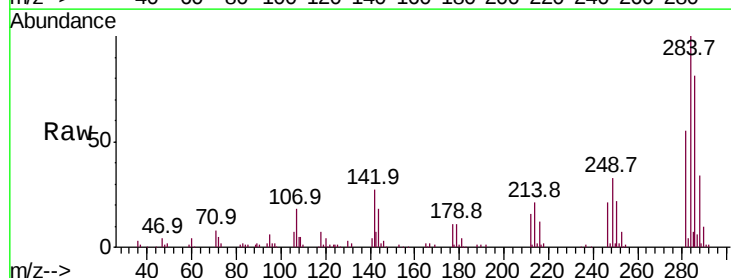
Tgt Ion:284 Resp: 94176

Ion Ratio Lower Upper

284 100

142 27.0 25.8 38.6

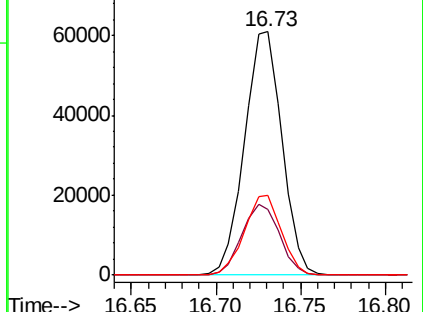
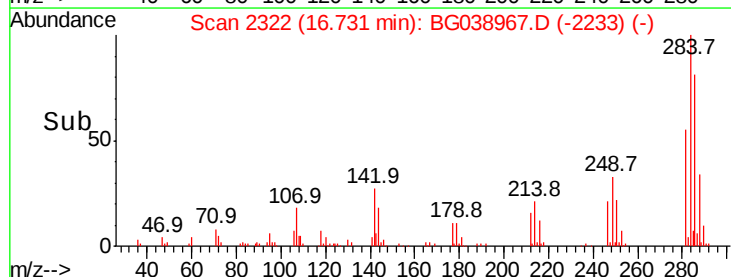
249 35.2 27.0 40.4

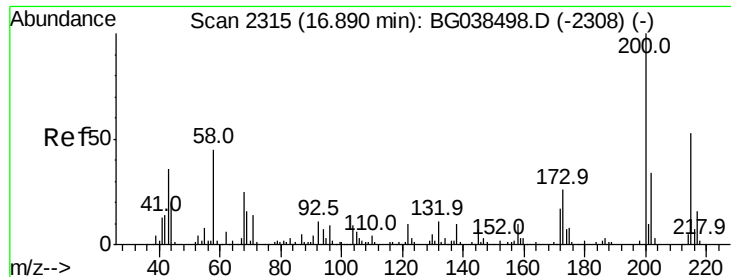


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

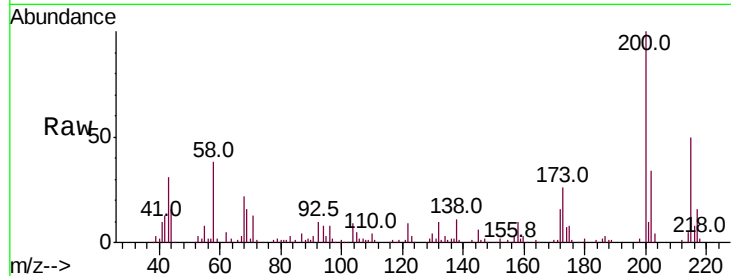




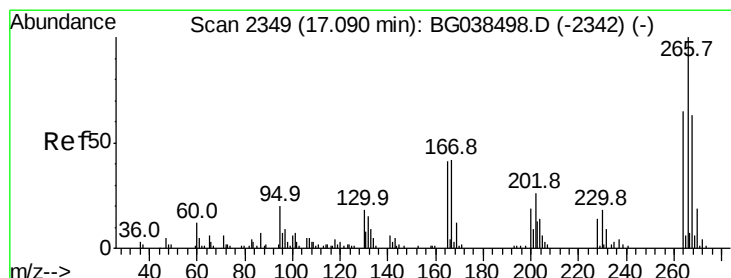
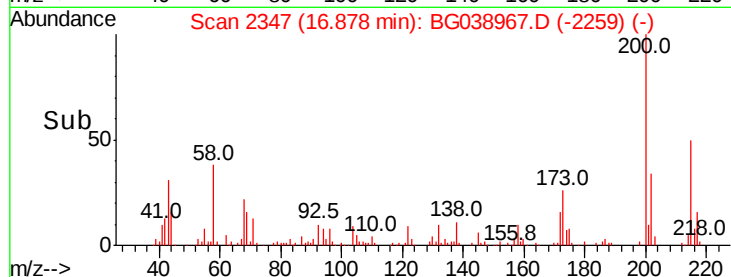
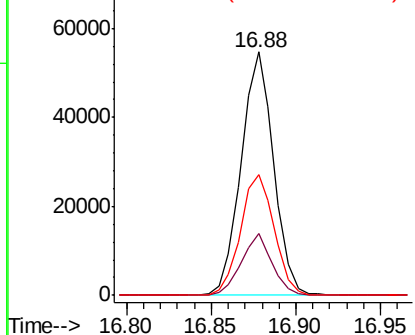
#69
 Atrazine
 Concen: 36.871 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 73178
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.9 45.9
 215 49.5 33.1 73.1

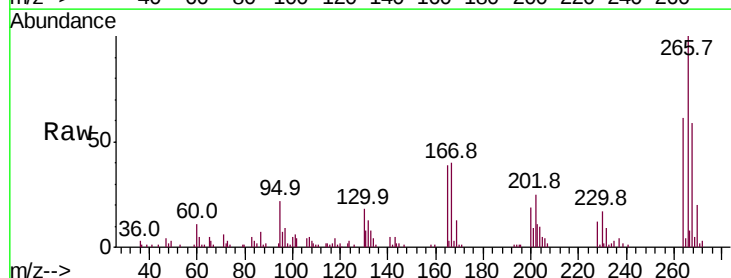


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

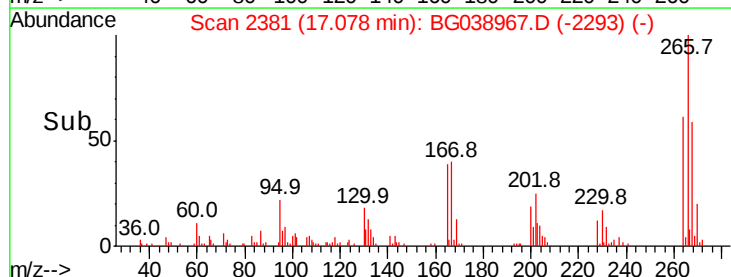
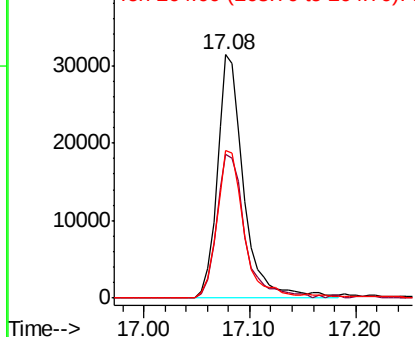


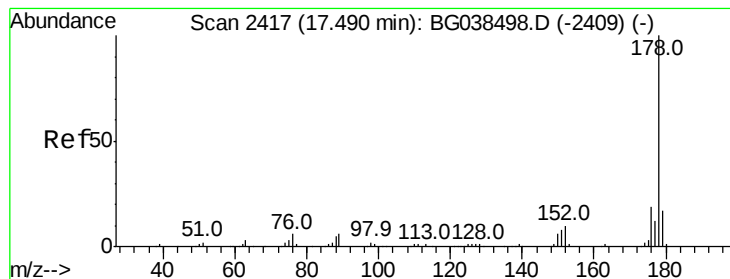
#70
 Pentachlorophenol
 Concen: 40.065 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:266 Resp: 54607
 Ion Ratio Lower Upper
 266 100
 268 64.1 55.0 82.6
 264 65.0 56.7 85.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.379 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

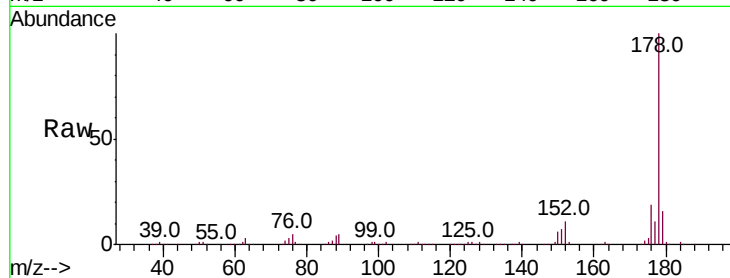
Tot Ion:178 Resp: 371682

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

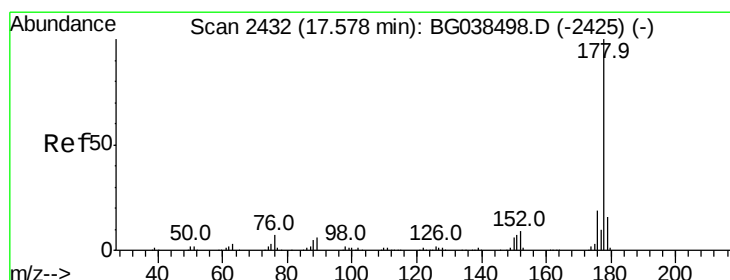
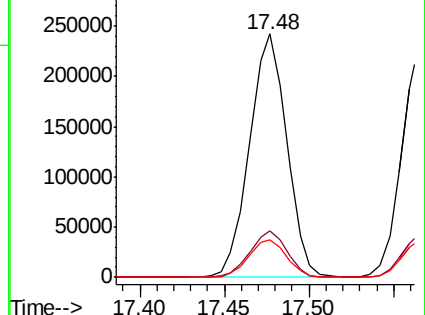
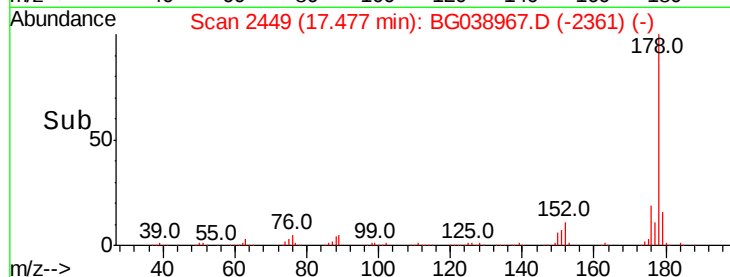
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.066 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

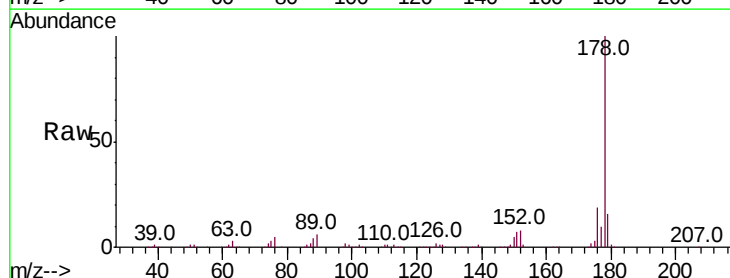
Tgt Ion:178 Resp: 364014

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

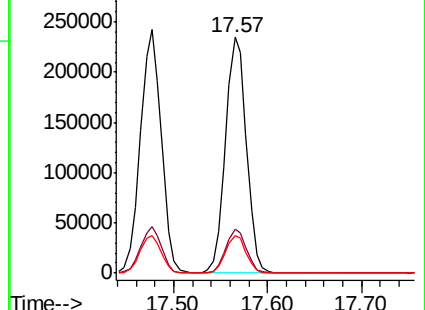
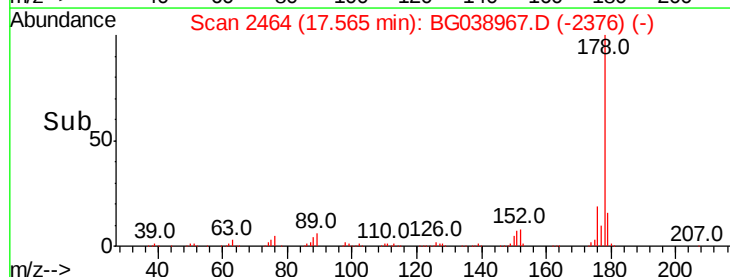
179 16.0 12.9 19.3

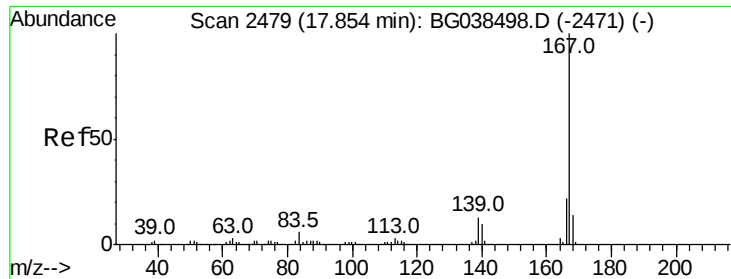


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

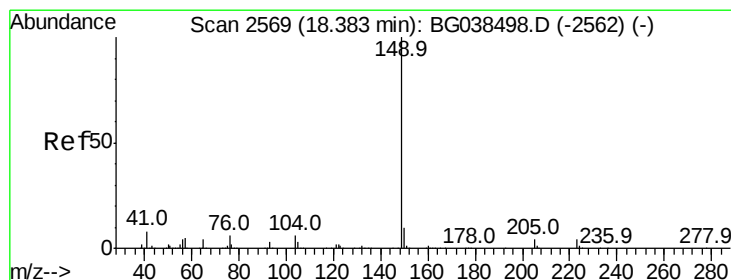
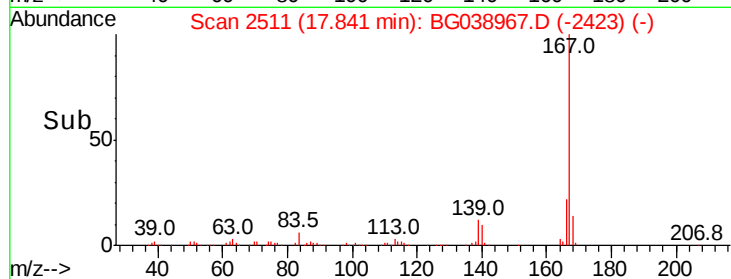
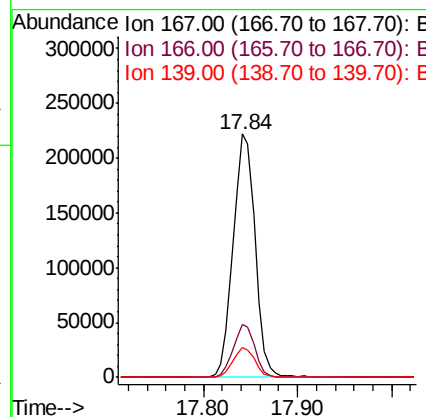
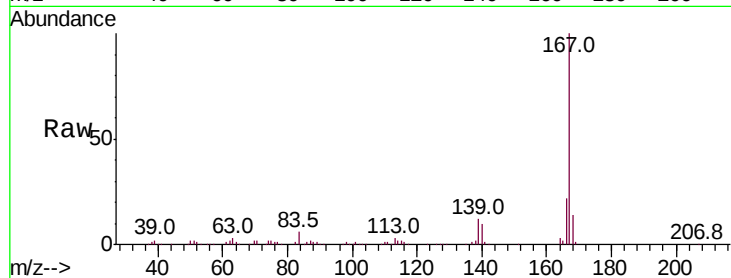




#73
 Carbazole
 Concen: 39.201 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

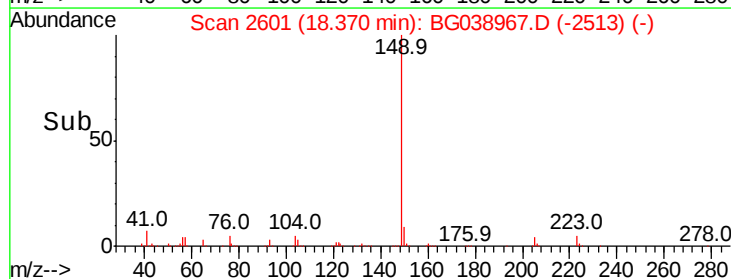
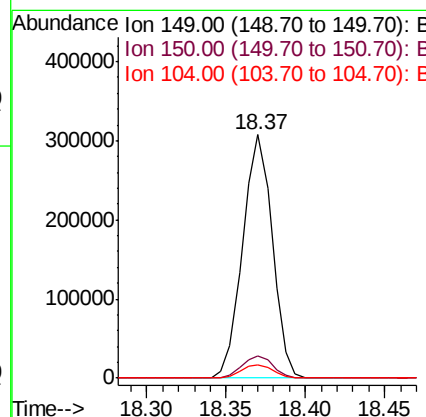
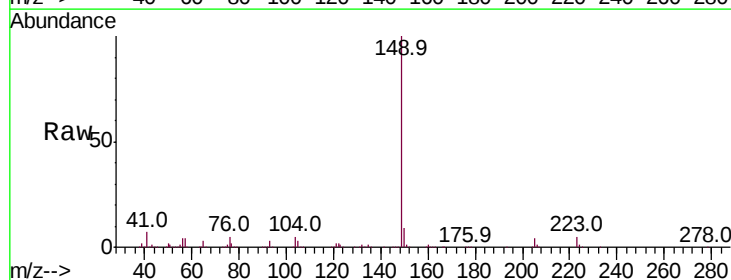
Instrument :
 BNA_G
 ClientSampleId :

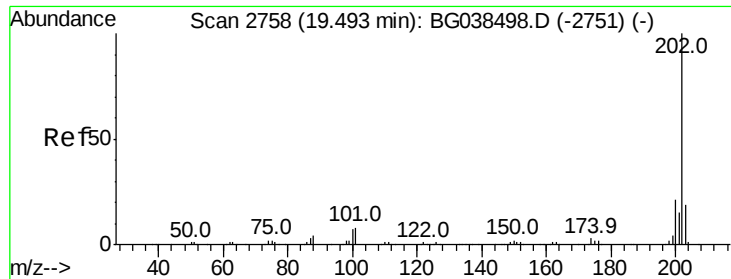
Tot Ion:167 Resp: 361248
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.9 26.9
 139 12.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 37.804 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:149 Resp: 399733
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 5.5 5.0 7.4





#75

Fluoranthene

Concen: 38.630 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

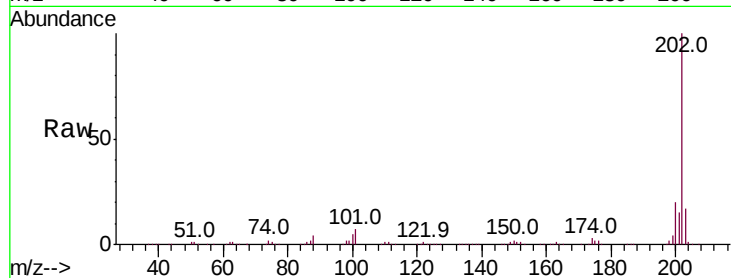
Tot Ion:202 Resp: 451129

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.1

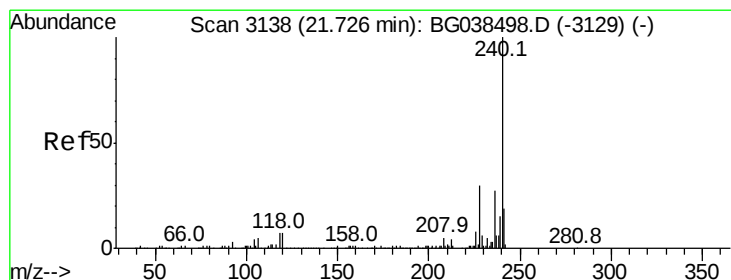
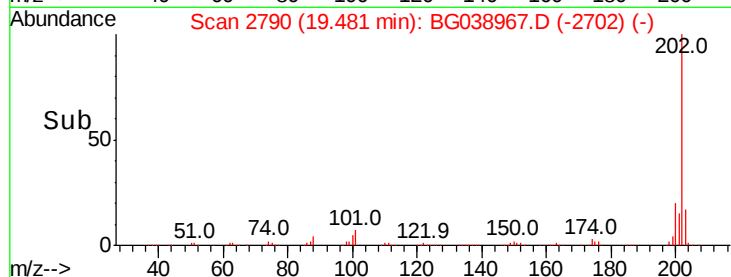
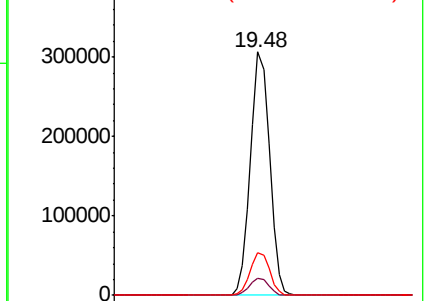
203 17.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

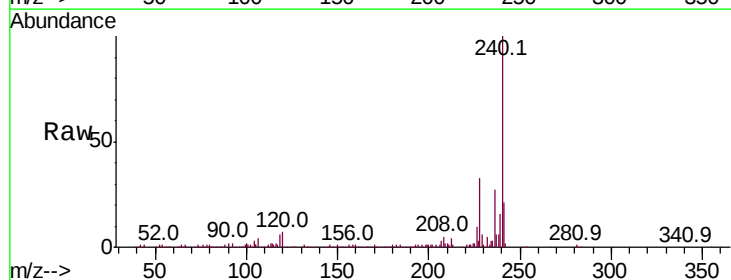
Tgt Ion:240 Resp: 181036

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

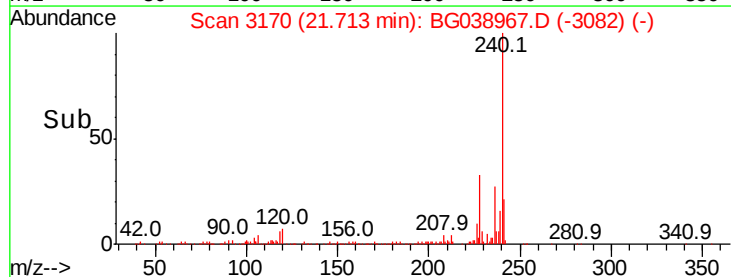
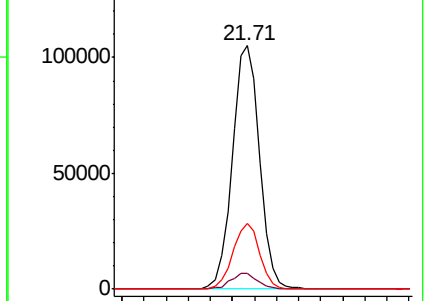
236 27.1 21.4 32.2

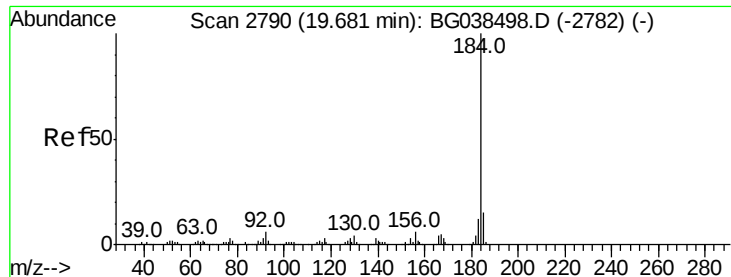


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.272 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

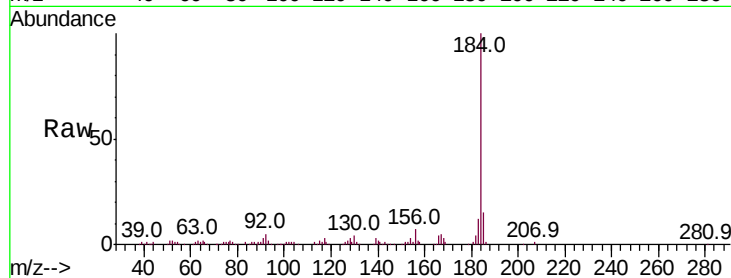
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 162075

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	12.1	9.6	14.4

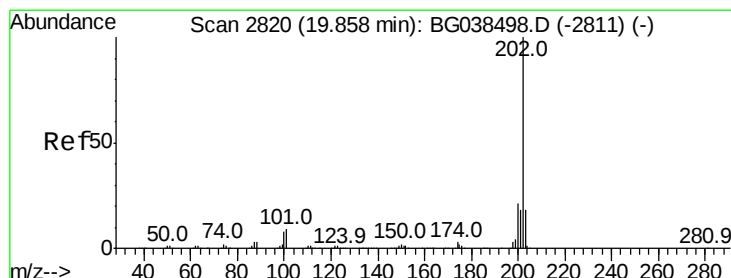
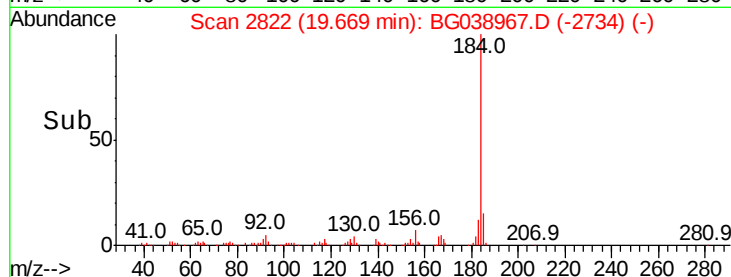
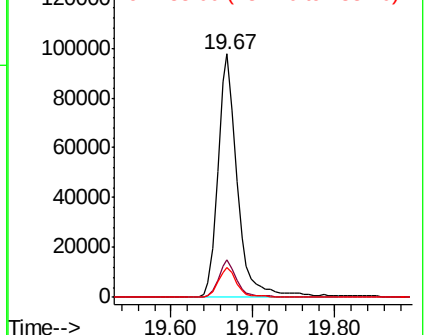


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.410 ng

RT: 19.84 min Scan# 2852

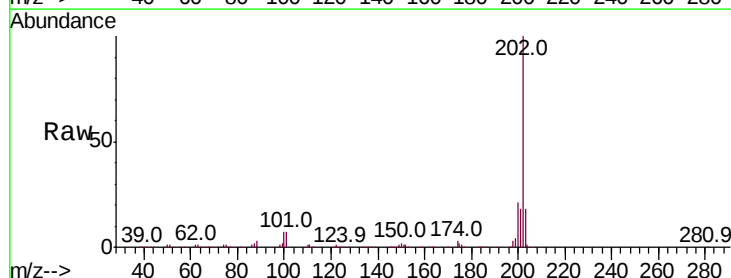
Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Tgt Ion:202 Resp: 459376

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.7	14.6	21.8

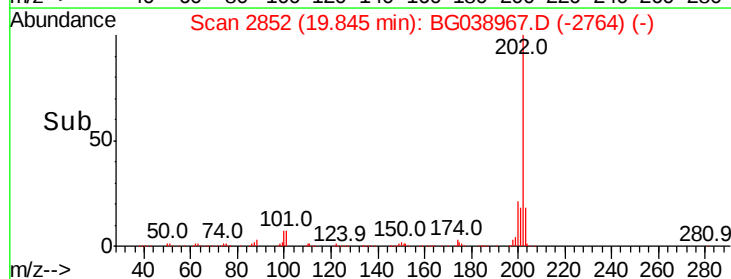
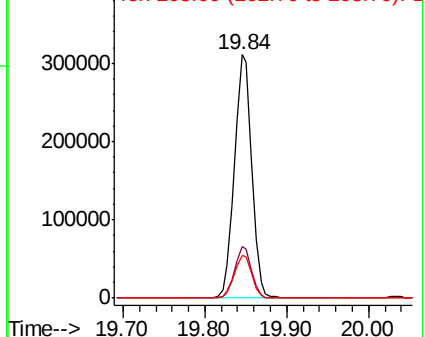


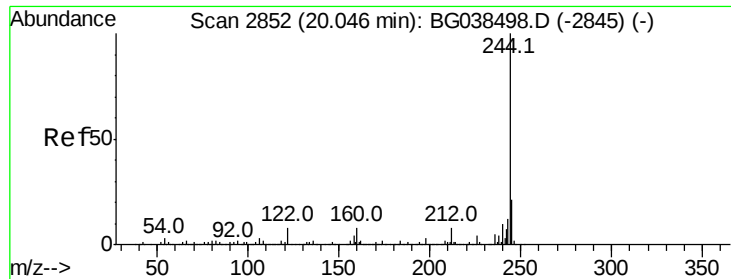
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

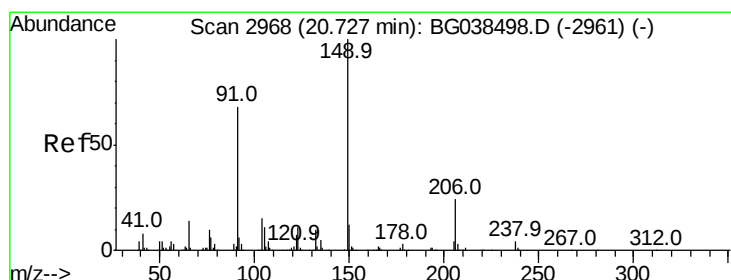
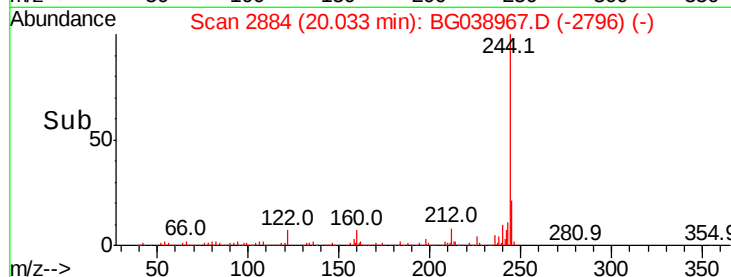
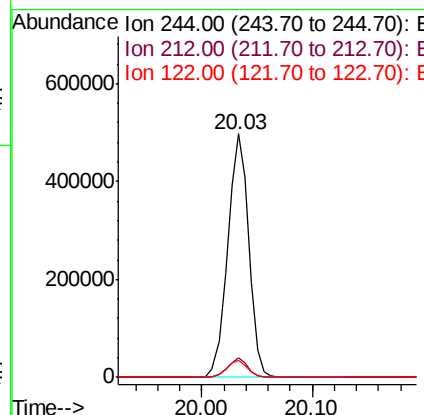
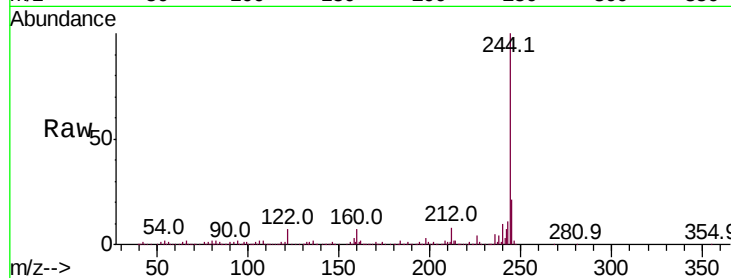




#79
 Terphenyl-d14
 Concen: 79.459 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

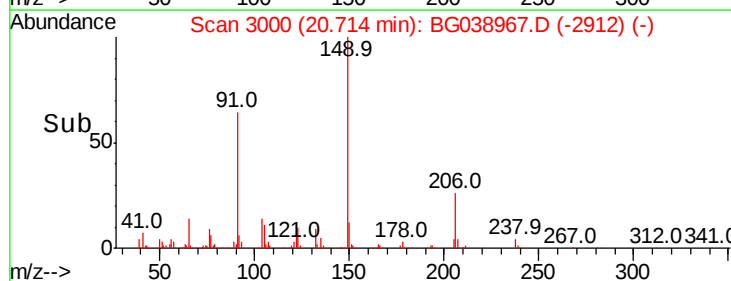
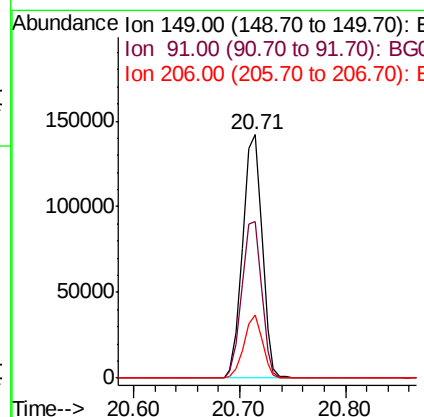
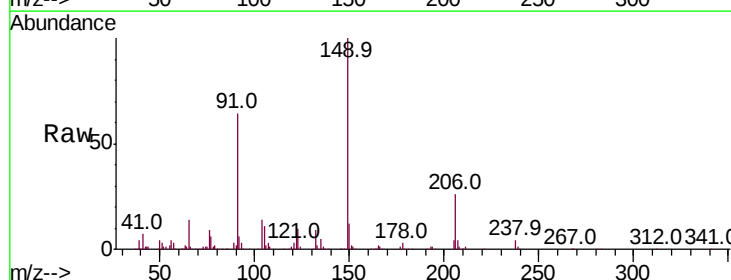
Instrument :
 BNA_G
 ClientSampleId :

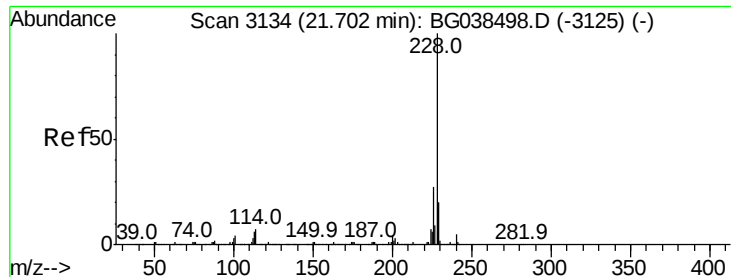
Tot Ion:244 Resp: 660968
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.1 6.3 9.5



#80
 Butylbenzylphthalate
 Concen: 38.511 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion:149 Resp: 179946
 Ion Ratio Lower Upper
 149 100
 91 64.4 54.5 81.7
 206 25.7 19.0 28.6





#81

Benzo(a)anthracene

Concen: 39.441 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

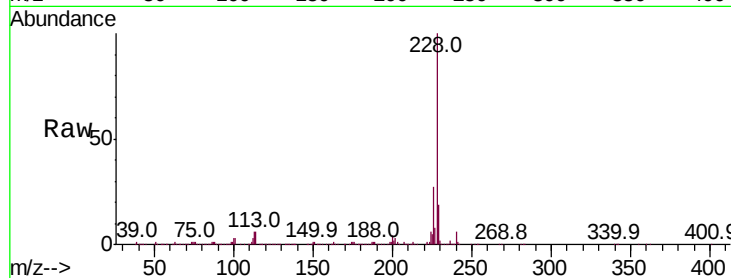
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 435092

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.2	15.8	23.6

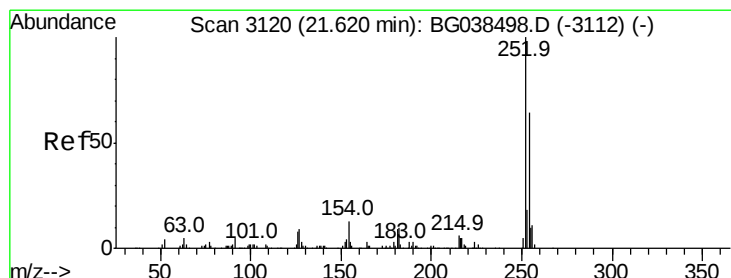
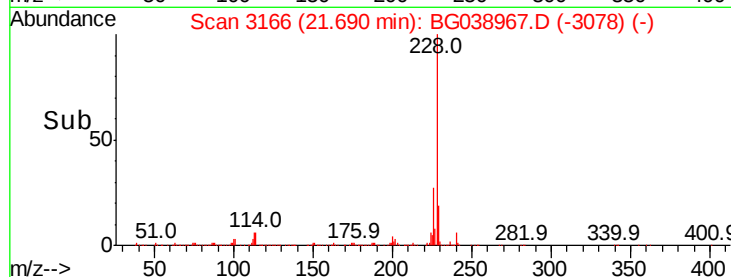
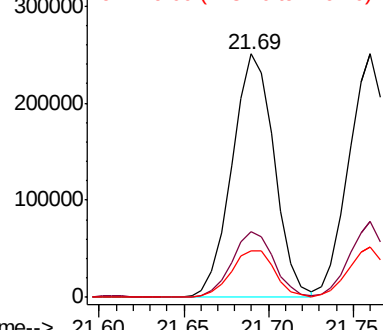


Abundance

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: 39.024 ng

RT: 21.61 min Scan# 3152

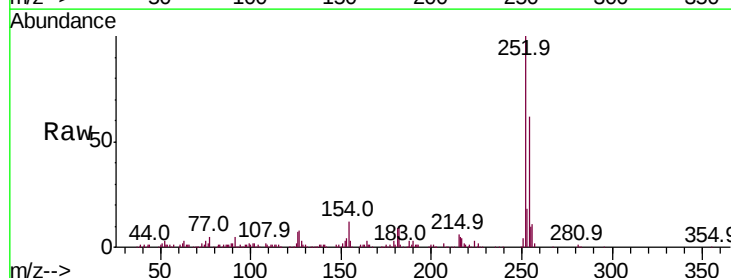
Delta R.T. -0.01 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Tgt Ion:252 Resp: 170735

Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.9	76.3
126	6.9	6.3	9.5

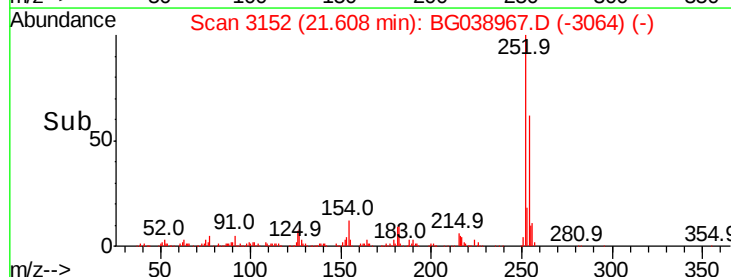
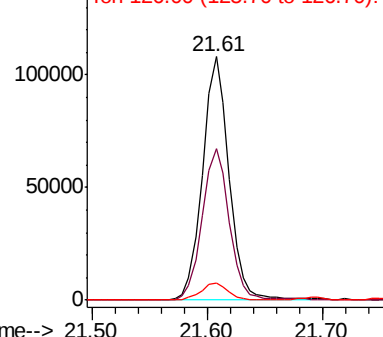


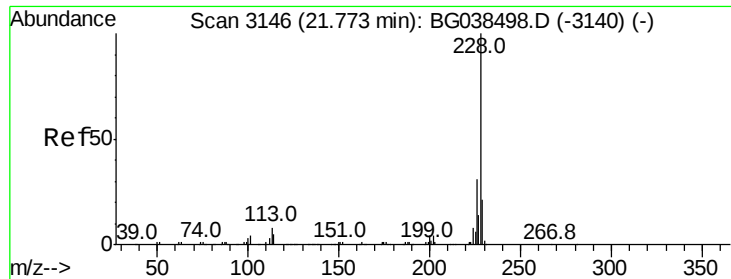
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

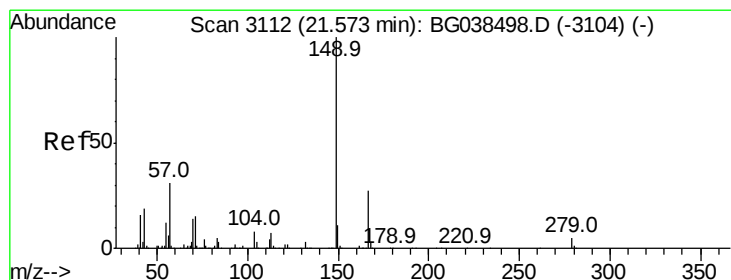
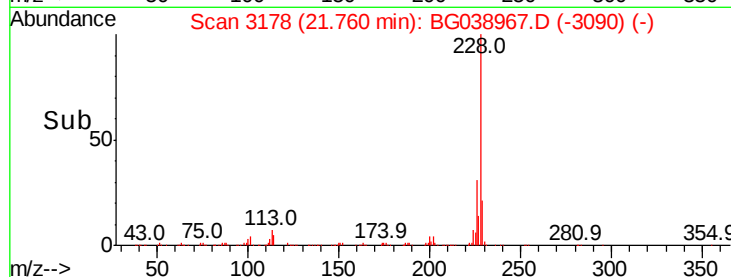
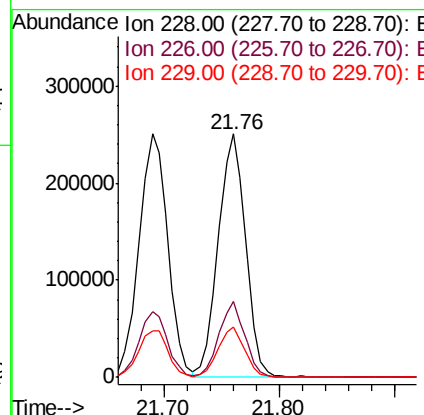
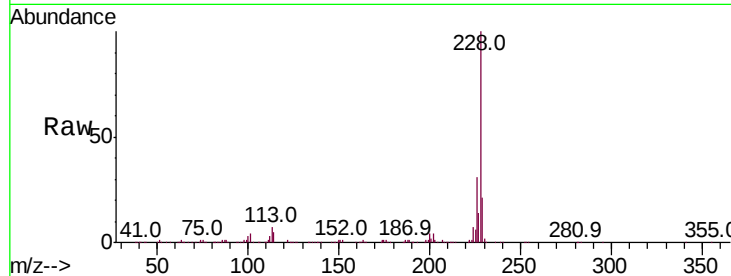




#83
 Chrysene
 Concen: 38.634 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

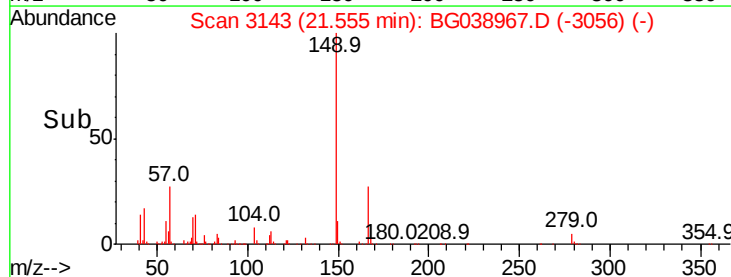
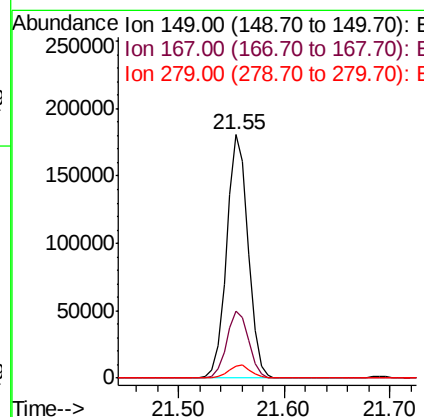
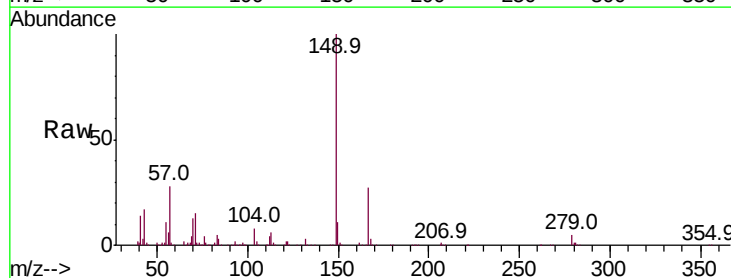
Instrument :
 BNA_G
 ClientSampleId :

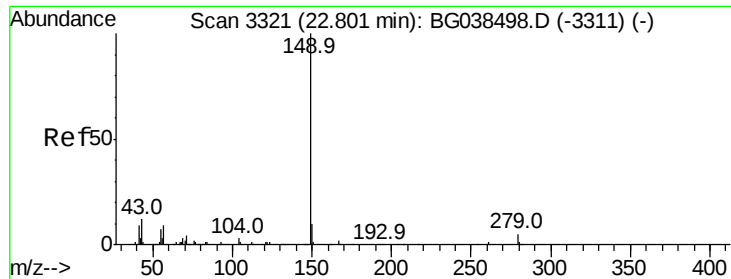
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	20.5	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.480 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038967.D
 Acq: 7 Jan 2019 15:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	5.1	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 37.739 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

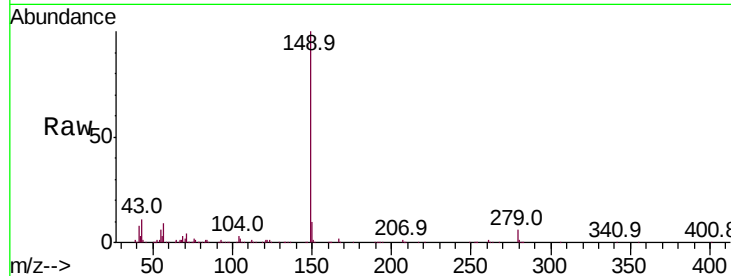
Tot Ion:149 Resp: 418844

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

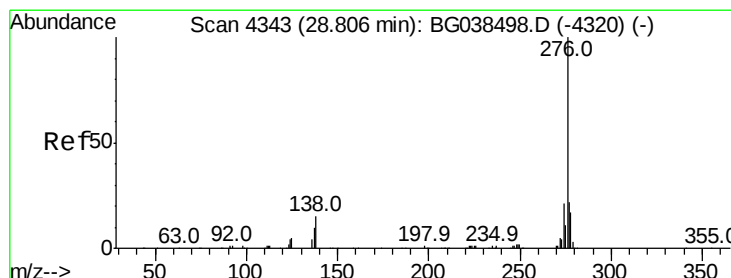
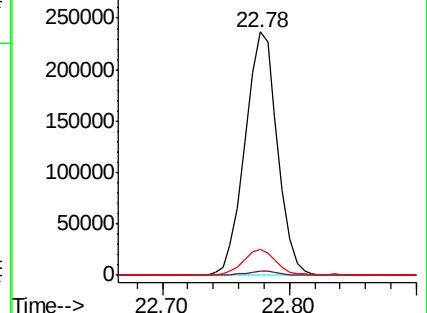
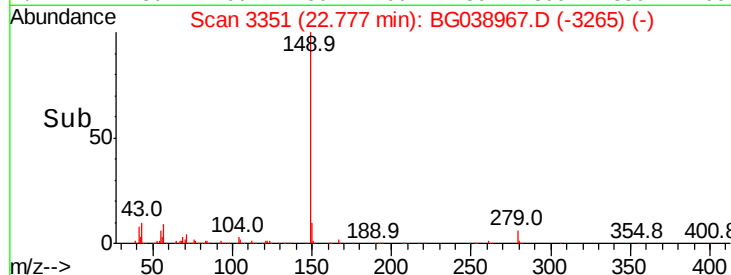
43 10.3 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.646 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.03 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

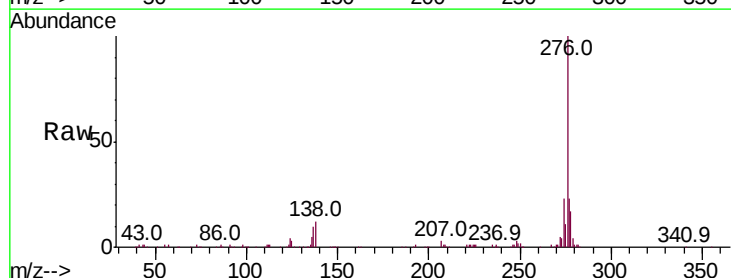
Tgt Ion:276 Resp: 470265

Ion Ratio Lower Upper

276 100

138 8.4 14.4 21.6#

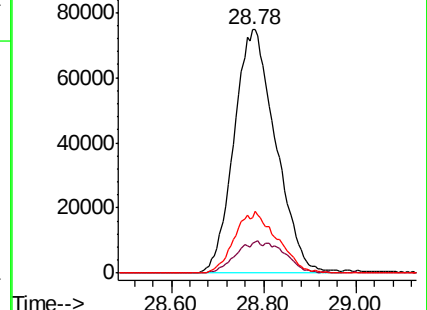
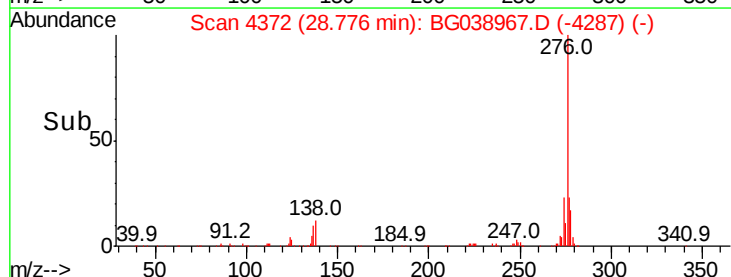
277 25.7 0.0 0.0#

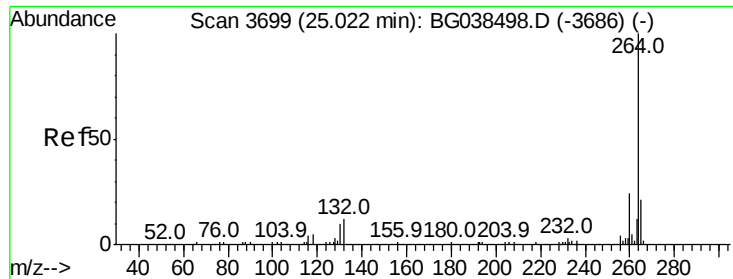


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



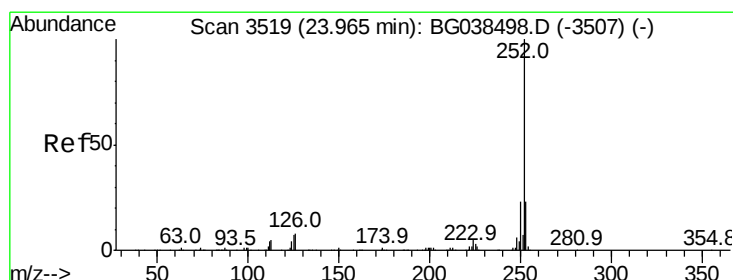
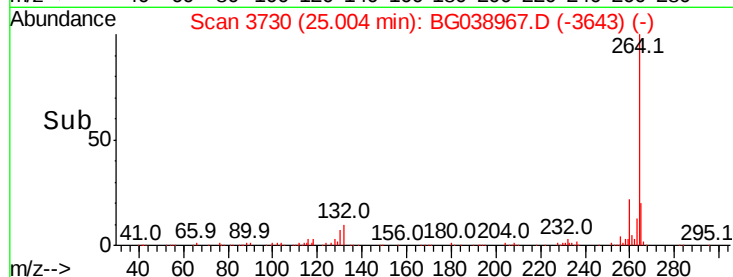
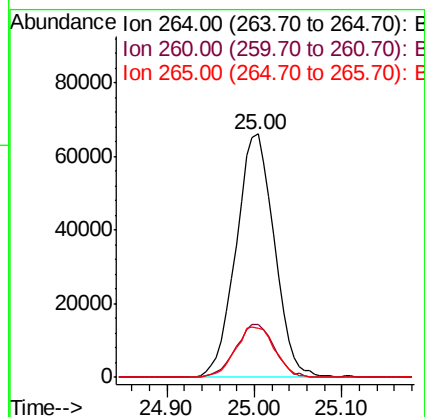
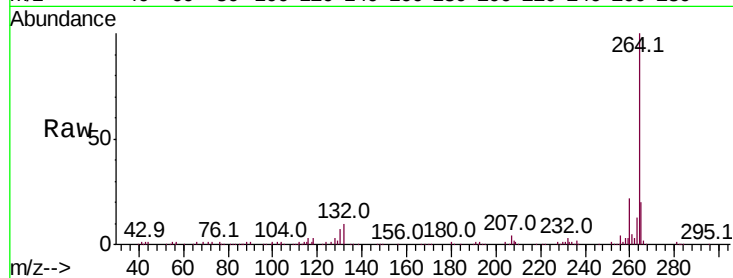


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 195879

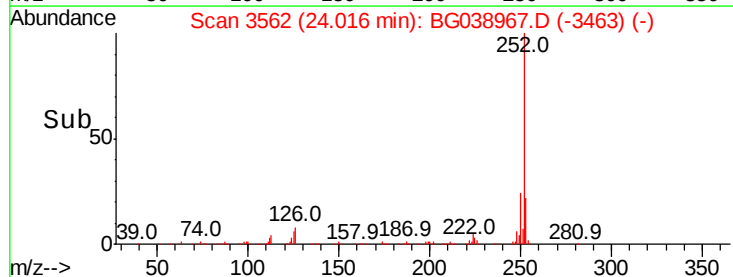
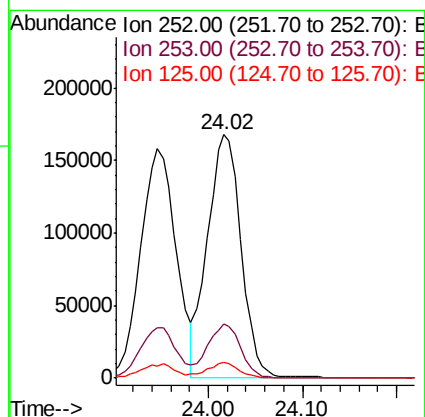
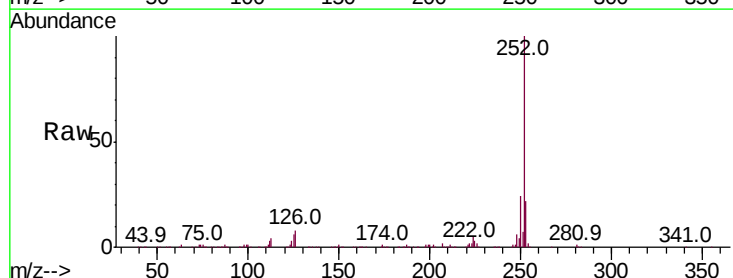
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.9	28.3
265	20.1	17.0	25.4

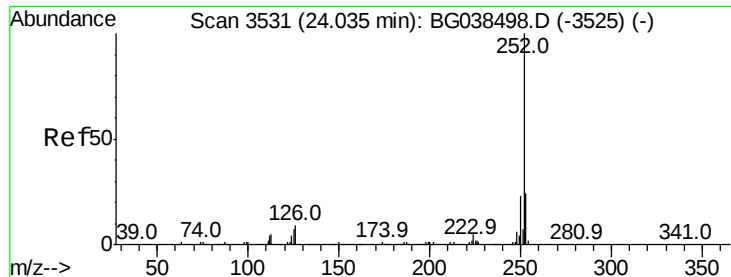


#88
Benzo(b)fluoranthene
Concen: 38.765 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.05 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:252 Resp: 416902

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.2	5.5	8.3

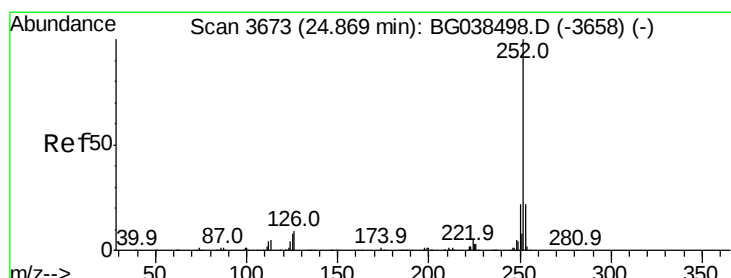
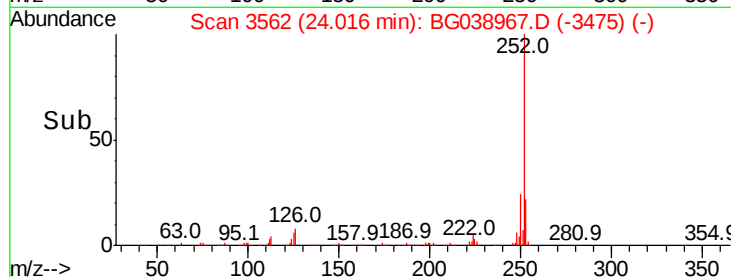
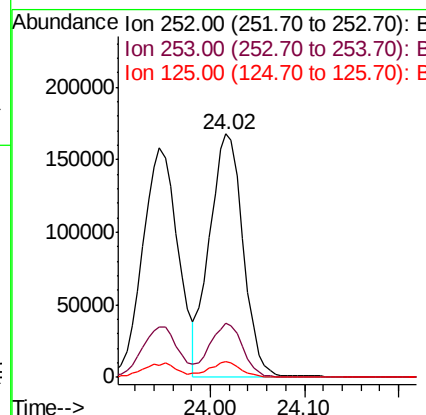
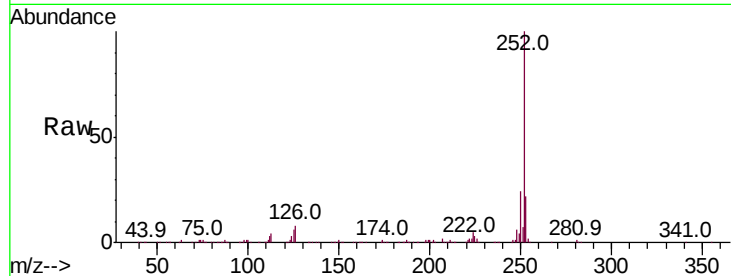




#89
Benzo(k)fluoranthene
Concen: 38.929 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

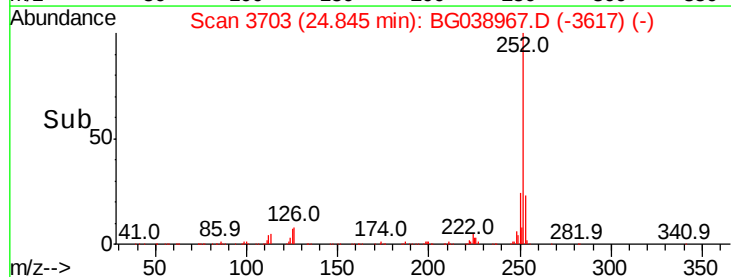
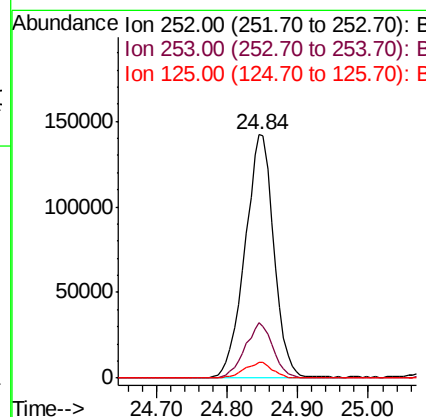
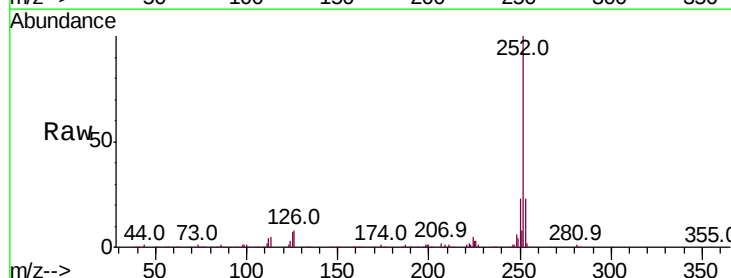
Instrument :
BNA_G
ClientSampled :

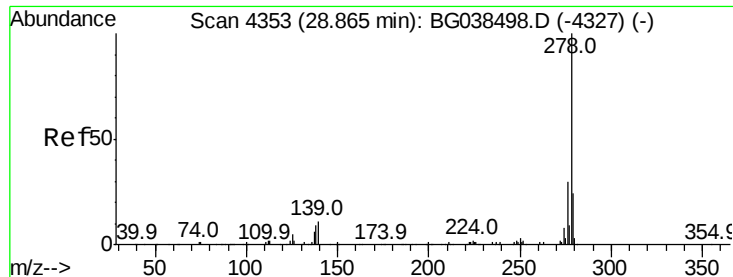
Tot Ion:252 Resp: 416902
Ion Ratio Lower Upper
252 100
253 22.4 18.9 28.3
125 6.2 5.4 8.2



#90
Benzo(a)pyrene
Concen: 39.101 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG038967.D
Acq: 7 Jan 2019 15:17

Tgt Ion:252 Resp: 405684
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 6.7 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 37.613 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

Instrument :

BNA_G

ClientSampleId :

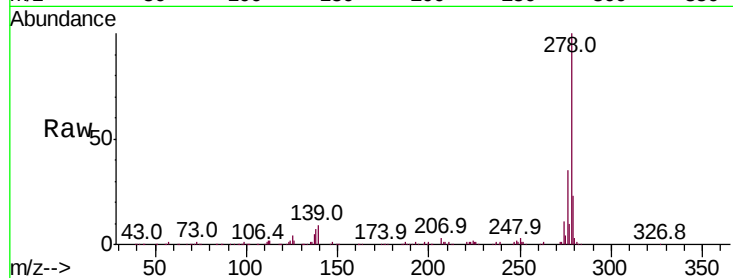
Tot Ion:278 Resp: 388558

Ion Ratio Lower Upper

278 100

139 8.9 8.6 12.8

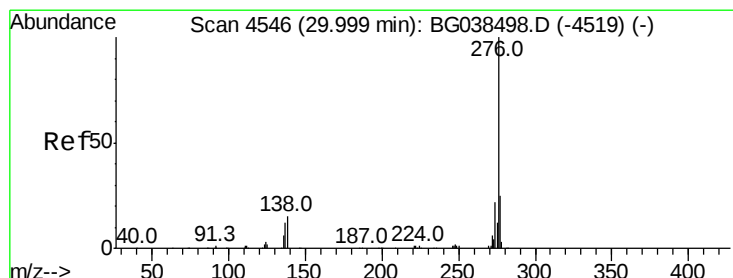
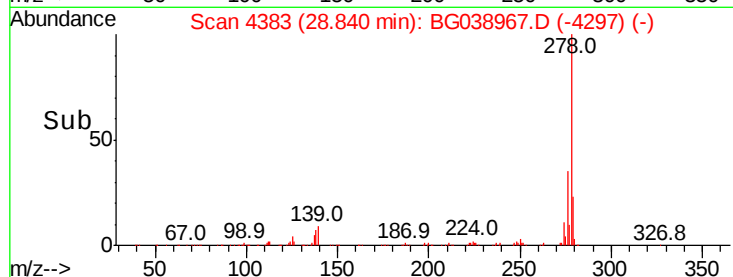
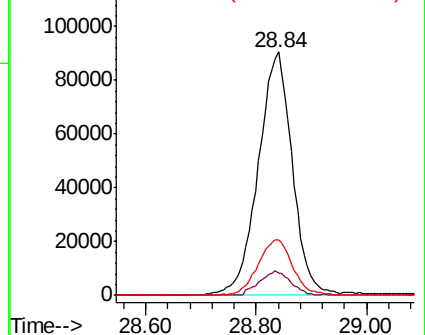
279 23.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.351 ng

RT: 29.96 min Scan# 4574

Delta R.T. -0.04 min

Lab File: BG038967.D

Acq: 7 Jan 2019 15:17

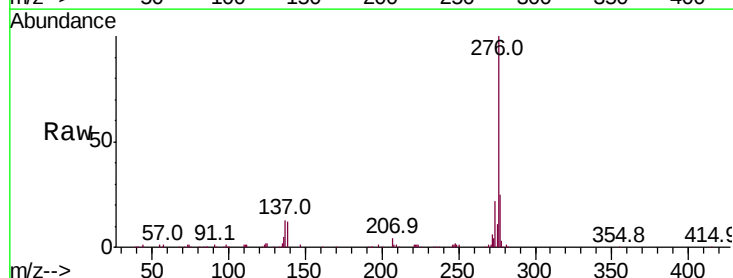
Tgt Ion:276 Resp: 390436

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 12.0 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

