

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038978.D
 Acq On : 7 Jan 2019 22:27
 Operator : JU/SJ
 Sample : K1012-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 08 03:10:59 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	29523	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	113142	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	77629	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	185160	20.00	ng	0.00
76) Chrysene-d12	21.71	240	183798	20.00	ng	-0.01
87) Perylene-d12	25.01	264	196494	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	176899	106.28	ng	0.00
7) Phenol-d6	7.21	99	226978	99.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	161071	72.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	146336	136.78	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	427129	75.48	ng	-0.01
79) Terphenyl-d14	20.03	244	762014	90.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	19717	25.451	ng	# 29
3) Pyridine	3.91	79	51973	24.367	ng	91
4) n-Nitrosodimethylamine	3.82	42	36769	35.183	ng	# 91
6) Aniline	7.38	93	74484	25.534	ng	99
8) 2-Chlorophenol	7.61	128	71727	37.237	ng	95
9) Benzaldehyde	7.19	77	25718	17.349	ng	94
10) Phenol	7.24	94	80476	33.150	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	61470	31.803	ng	98
12) 1,3-Dichlorobenzene	7.93	146	76317	33.508	ng	98
13) 1,4-Dichlorobenzene	8.08	146	80292	34.422	ng	96
14) 1,2-Dichlorobenzene	8.40	146	75844	34.490	ng	97
15) Benzyl Alcohol	8.29	79	66197	37.114	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	126537	28.579	ng	99
17) 2-Methylphenol	8.49	107	60816	37.391	ng	97
18) Hexachloroethane	9.12	117	27780	32.592	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	52247	32.554	ng	95
20) 3+4-Methylphenols	8.82	107	82947	36.926	ng	99
22) Acetophenone	8.88	105	107770	38.134	ng	# 93
24) Nitrobenzene	9.27	77	81059	36.180	ng	94
25) Isophorone	9.78	82	149645	37.607	ng	98
26) 2-Nitrophenol	9.98	139	43529	37.960	ng	92
27) 2,4-Dimethylphenol	10.03	122	69666	42.391	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	85331	38.000	ng	94
29) 2,4-Dichlorophenol	10.52	162	82869	45.326	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	88798	40.210	ng	99
31) Naphthalene	10.91	128	232159	41.646	ng	98
32) Benzoic acid	10.18	122	40983	41.111	ng	91
33) 4-Chloroaniline	11.04	127	40578	16.766	ng	# 95
34) Hexachlorobutadiene	11.17	225	59117	39.562	ng	95
35) Caprolactam	11.83	113	13848	18.303	ng	95
36) 4-Chloro-3-methylphenol	12.15	107	84783	40.637	ng	93
37) 2-Methylnaphthalene	12.51	142	175402	44.104	ng	98
38) 1-Methylnaphthalene	12.74	142	169439	43.905	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	114116	39.327	ng	97

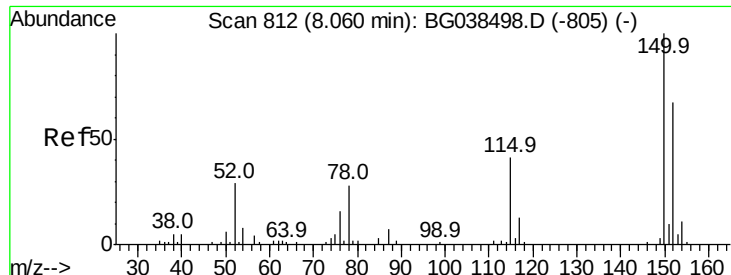
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038978.D
 Acq On : 7 Jan 2019 22:27
 Operator : JU/SJ
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Quant Time: Jan 08 03:10:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS 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)
41) Hexachlorocyclopentadiene	12.84	237	122162	76.629	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	77951	43.690	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	84055	44.496	ng	98
46) 1,1'-Biphenyl	13.52	154	235743	36.225	ng	97
47) 2-Chloronaphthalene	13.56	162	190070	37.810	ng	97
48) 2-Nitroaniline	13.78	65	58308	36.415	ng	95
49) Acenaphthylene	14.41	152	312591	41.595	ng	99
50) Dimethylphthalate	14.13	163	248888	39.260	ng	98
51) 2,6-Dinitrotoluene	14.27	165	57289	39.877	ng	90
52) Acenaphthene	14.75	154	178132	39.640	ng	98
53) 3-Nitroaniline	14.61	138	42805	29.229	ng	91
54) 2,4-Dinitrophenol	14.82	184	72943	84.988	ng	96
55) Dibenzofuran	15.09	168	305405	39.648	ng	95
56) 4-Nitrophenol	14.92	139	76686	69.025	ng	96
57) 2,4-Dinitrotoluene	15.06	165	80377	39.723	ng	93
58) Fluorene	15.73	166	243685	42.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	77537	45.622	ng	98
60) Diethylphthalate	15.49	149	255662	36.737	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	139489	39.174	ng	99
62) 4-Nitroaniline	15.77	138	57346	38.036	ng	98
63) Azobenzene	16.01	77	202834	34.889	ng	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	53299	40.352	ng	92
66) n-Nitrosodiphenylamine	15.94	169	224452	41.256	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	93808	41.483	ng	96
68) Hexachlorobenzene	16.73	284	98262	41.918	ng	94
69) Atrazine	16.88	200	90091	44.622	ng	99
70) Pentachlorophenol	17.08	266	110429	79.645	ng	94
71) Phenanthrene	17.48	178	420727	43.818	ng	99
72) Anthracene	17.57	178	417176	44.011	ng	100
73) Carbazole	17.84	167	371784	39.659	ng	99
74) Di-n-butylphthalate	18.37	149	429435	39.922	ng	99
75) Fluoranthene	19.48	202	497897	41.910	ng	98
77) Benzidine	19.67	184	142267	26.173	ng	98
78) Pyrene	19.85	202	504832	41.577	ng	99
80) Butylbenzylphthalate	20.71	149	193567	40.804	ng	96
81) Benzo(a)anthracene	21.69	228	481214	42.967	ng	100
82) 3,3'-Dichlorobenzidine	21.61	252	120513	27.131	ng	94
83) Chrysene	21.76	228	452785	41.973	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	264624	39.332	ng	99
85) Di-n-octyl phthalate	22.78	149	448465	39.801	ng	98
86) Indeno(1,2,3-cd)pyrene	28.79	276	538344	42.448	ng	# 75
88) Benzo(b)fluoranthene	23.95	252	476561	44.174	ng	98
89) Benzo(k)fluoranthene	24.02	252	460427	42.859	ng	96
90) Benzo(a)pyrene	24.85	252	456584	43.869	ng	99
91) Dibenzo(a,h)anthracene	28.84	278	448956	43.323	ng	# 97
92) Benzo(g,h,i)perylene	29.98	276	452322	44.290	ng	# 93

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

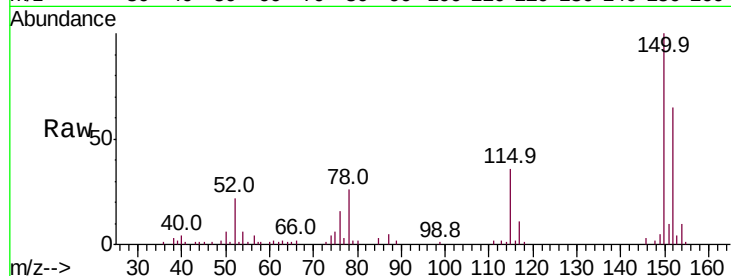


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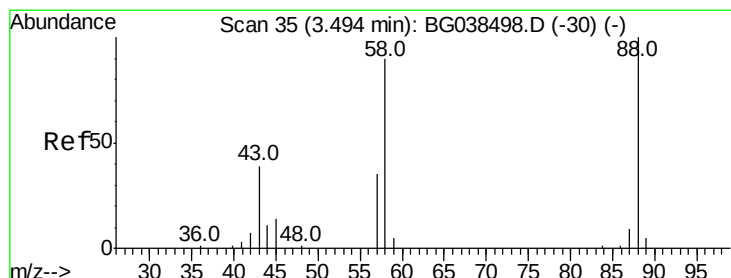
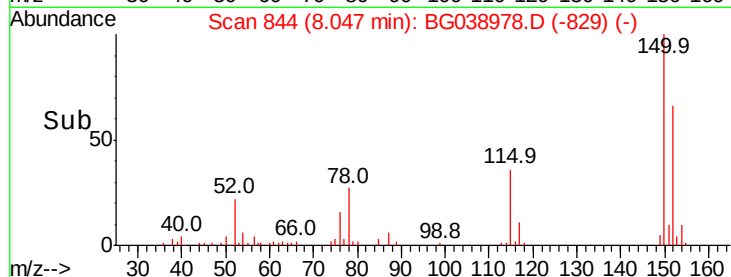
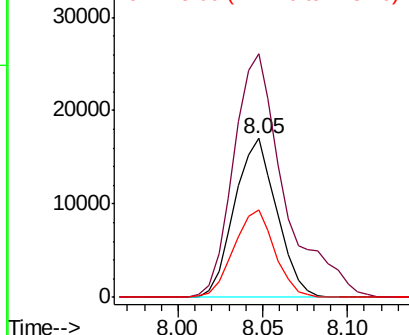
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29523
Ion Ratio Lower Upper
152 100
150 153.3 119.5 179.3
115 54.7 49.6 74.4



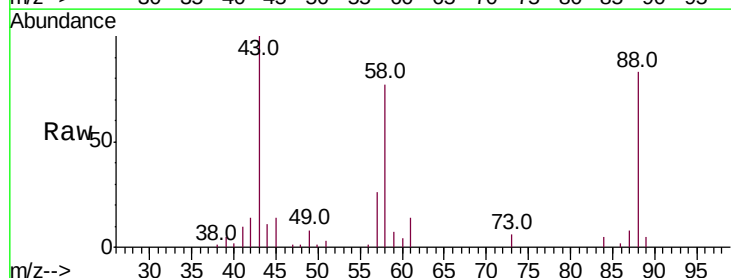
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



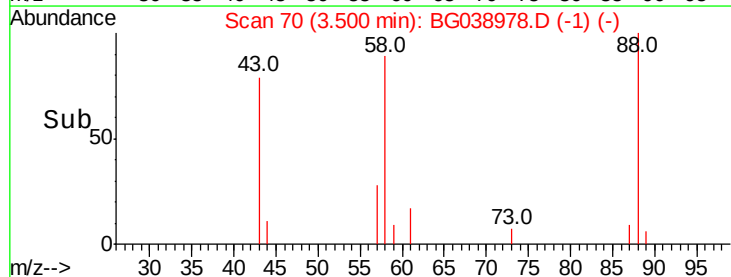
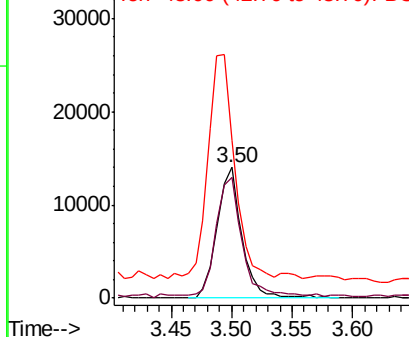
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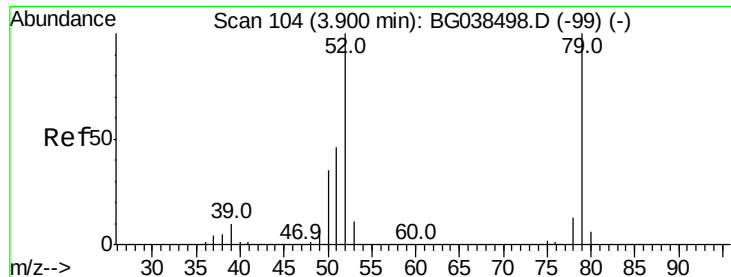
1,4-Dioxane
Concen: 25.451 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion: 88 Resp: 19717
Ion Ratio Lower Upper
88 100
58 96.9 75.7 113.5
43 183.8 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: 24.367 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

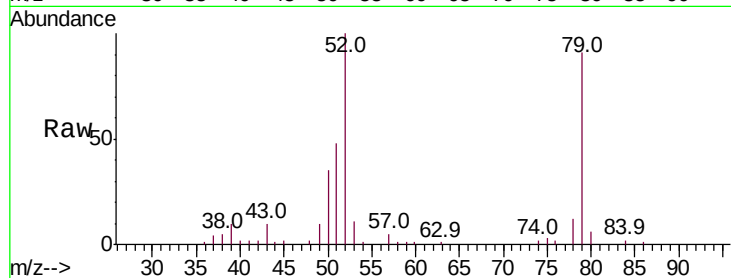
Tot Ion: 79 Resp: 51973

Ion Ratio Lower Upper

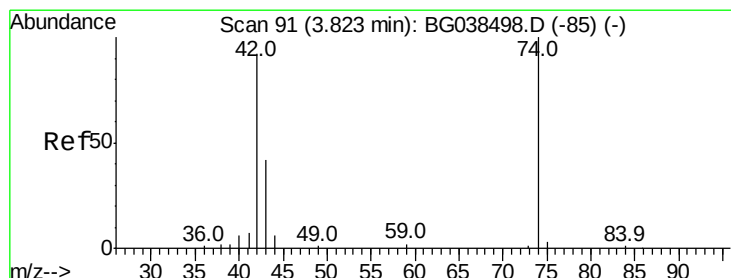
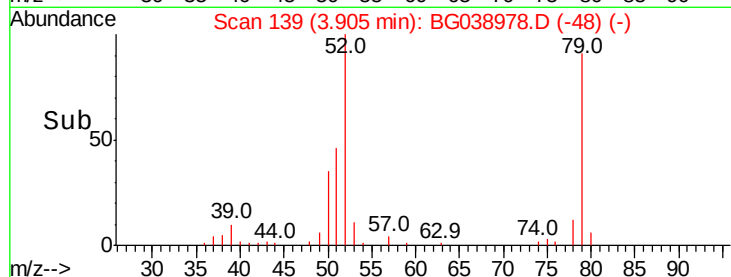
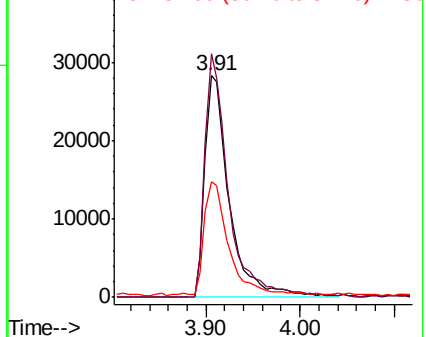
79 100

52 109.8 80.2 120.2

51 52.3 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 35.183 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

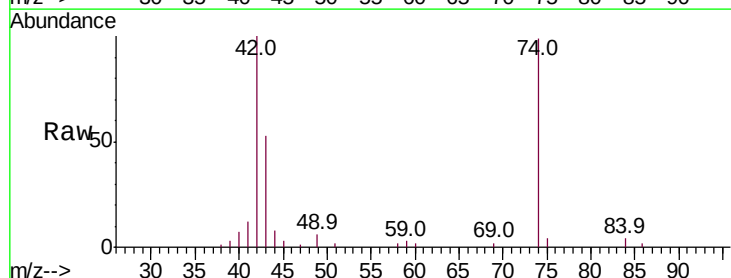
Tgt Ion: 42 Resp: 36769

Ion Ratio Lower Upper

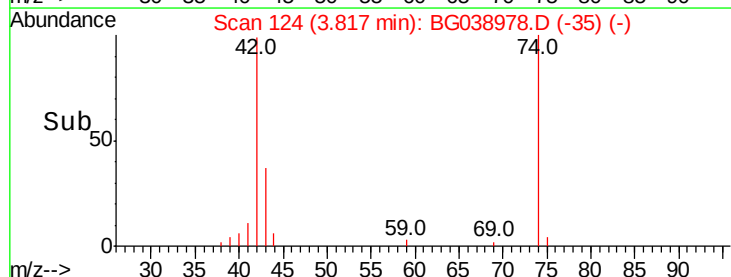
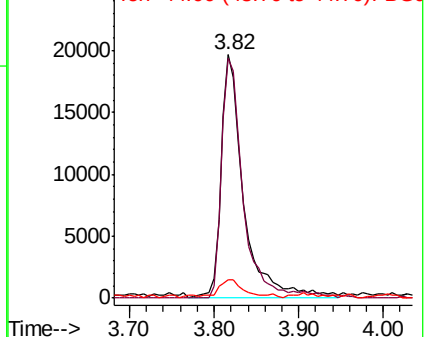
42 100

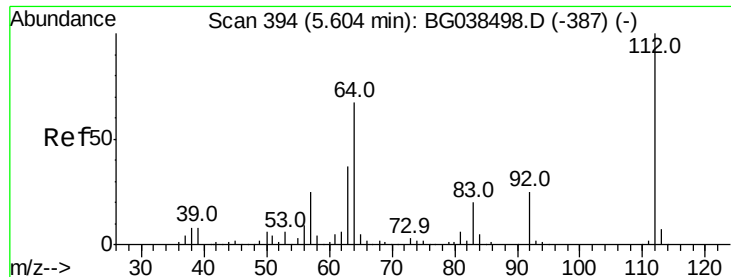
74 98.7 86.7 130.1

44 7.6 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 106.276 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

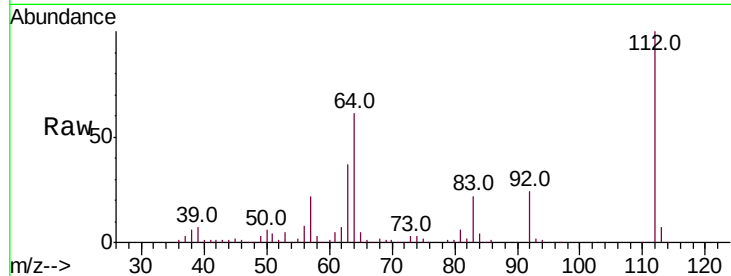
Tot Ion:112 Resp: 176899

Ion Ratio Lower Upper

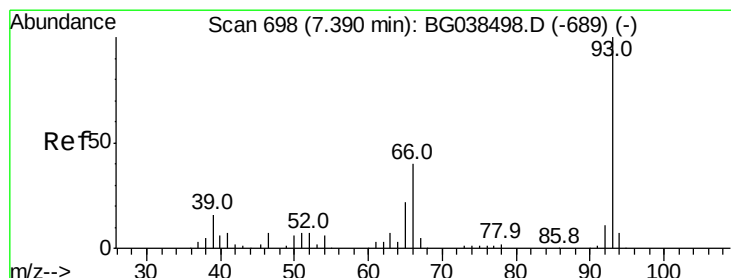
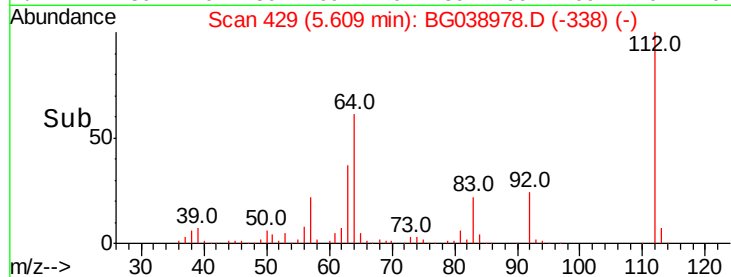
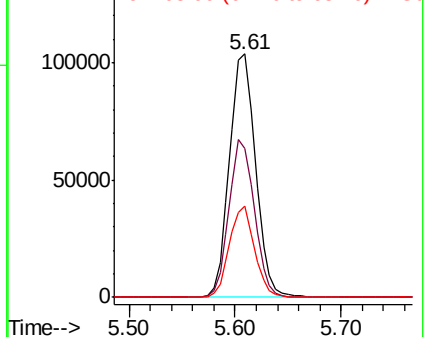
112 100

64 61.1 53.4 80.2

63 37.5 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.534 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

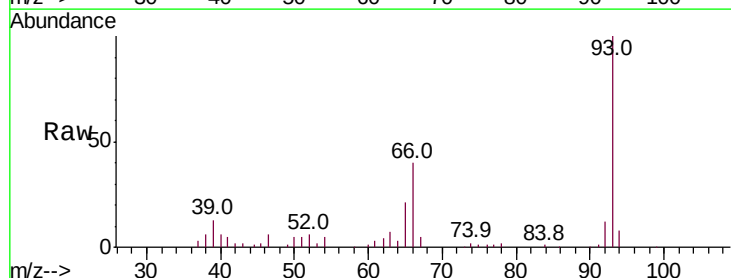
Tgt Ion: 93 Resp: 74484

Ion Ratio Lower Upper

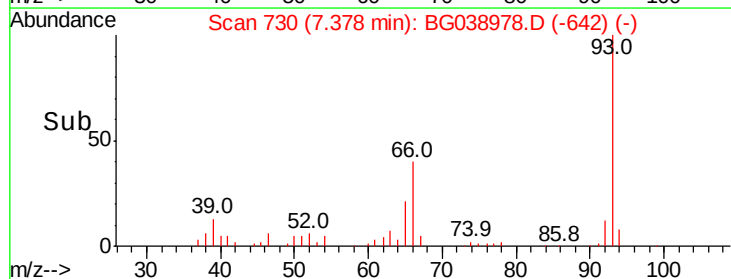
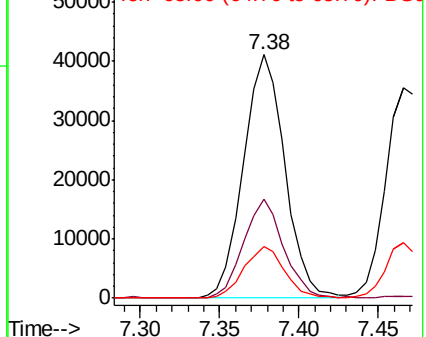
93 100

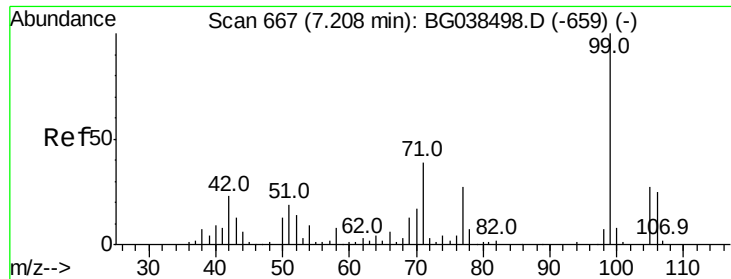
66 40.4 31.7 47.5

65 21.3 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: 99.330 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

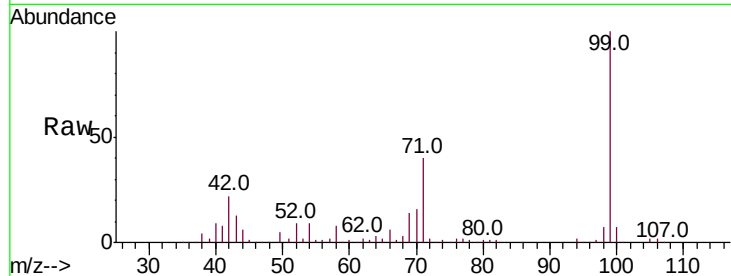
Tot Ion: 99 Resp: 226978

Ion Ratio Lower Upper

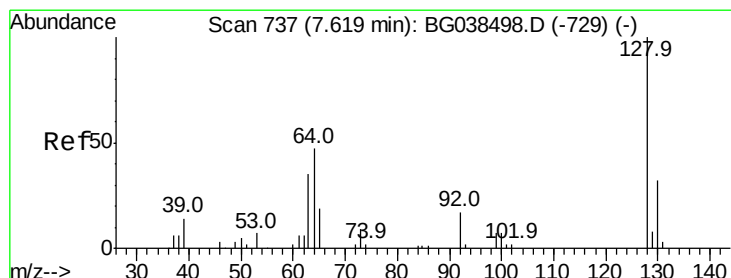
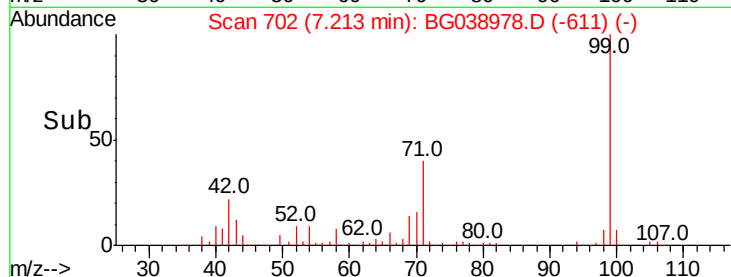
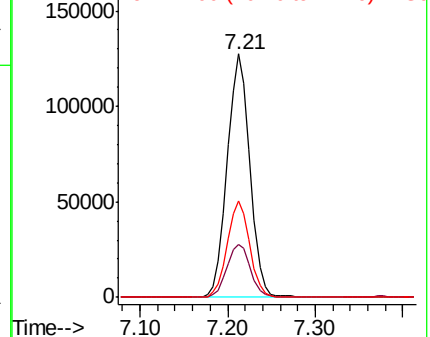
99 100

42 21.9 18.5 27.7

71 39.6 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: 37.237 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

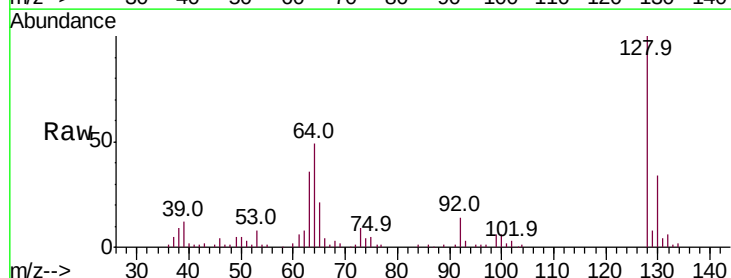
Tgt Ion: 128 Resp: 71727

Ion Ratio Lower Upper

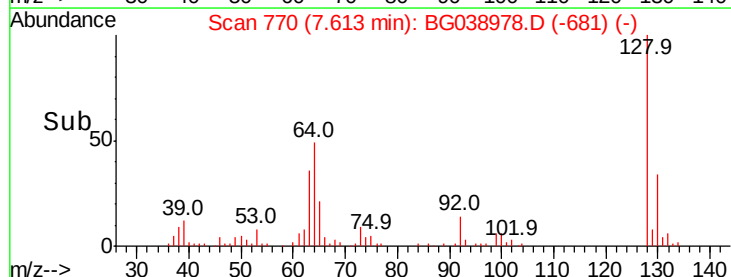
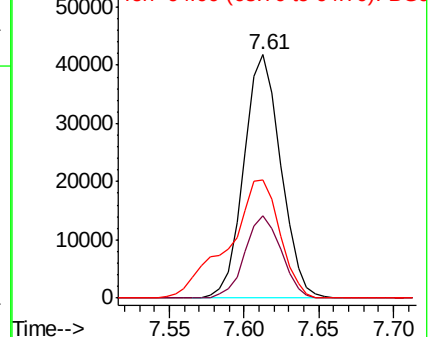
128 100

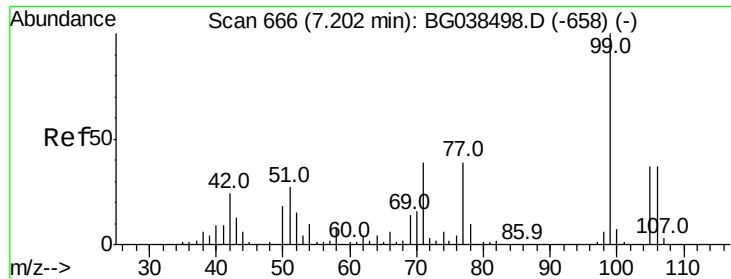
130 33.6 11.8 51.8

64 48.7 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: 17.349 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

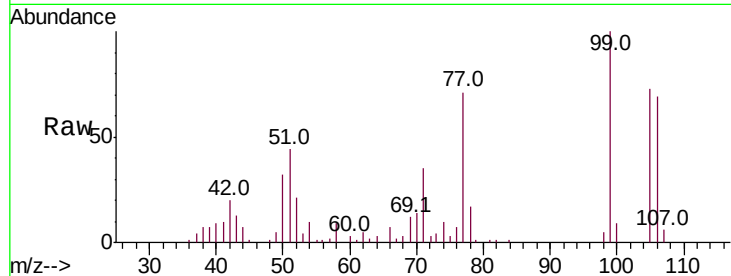
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 25718

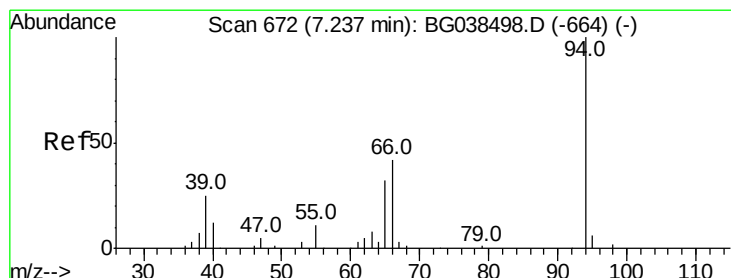
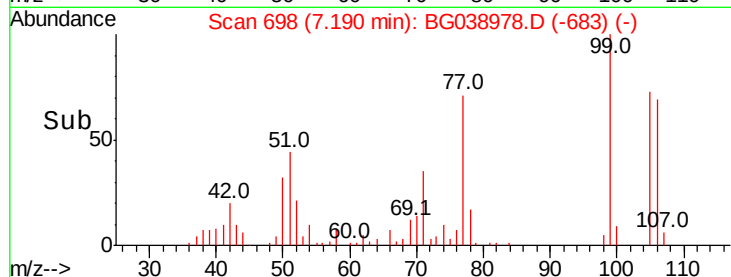
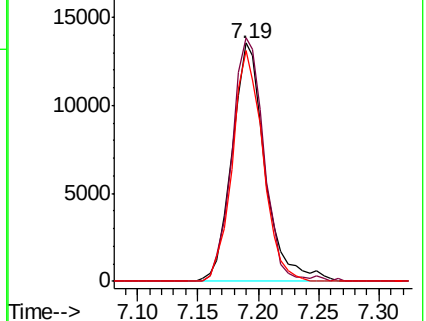
Ion	Ratio	Lower	Upper
77	100		
105	102.4	74.0	114.0
106	97.1	73.9	113.9



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: 33.150 ng

RT: 7.24 min Scan# 707

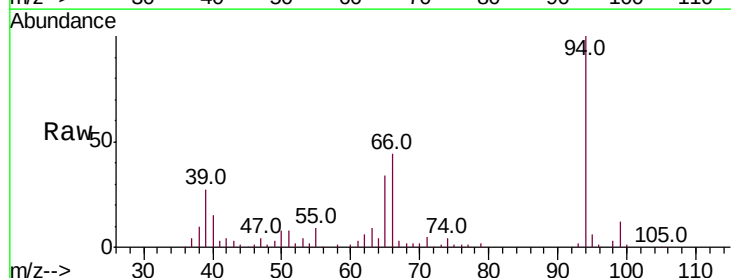
Delta R.T. 0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Tgt Ion: 94 Resp: 80476

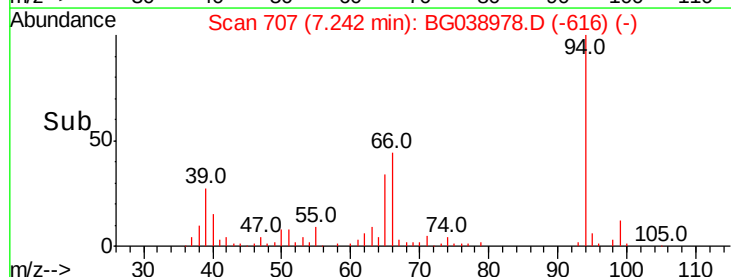
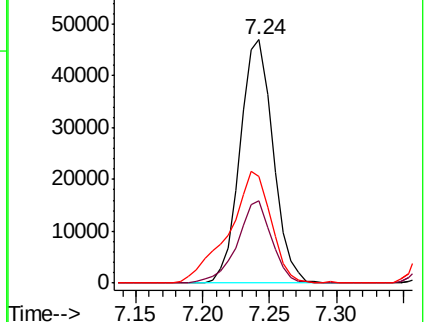
Ion	Ratio	Lower	Upper
94	100		
65	33.8	12.6	52.6
66	43.8	24.1	64.1

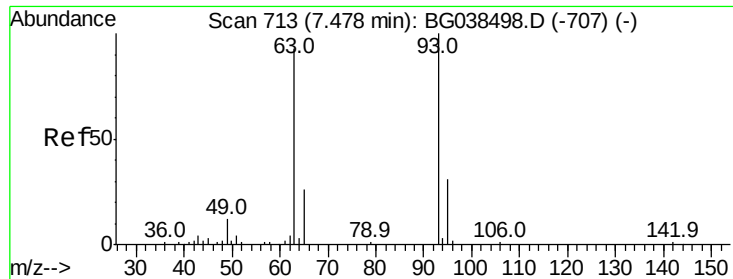


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



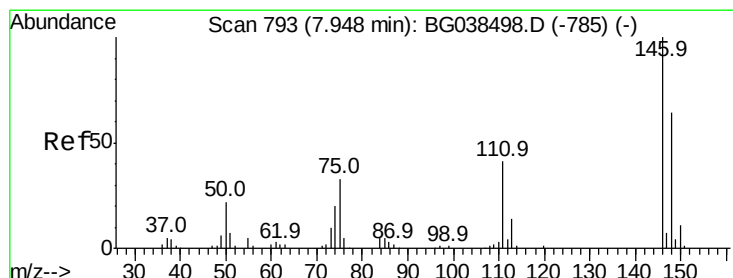
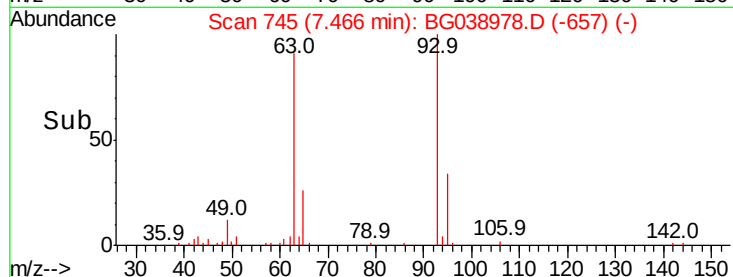
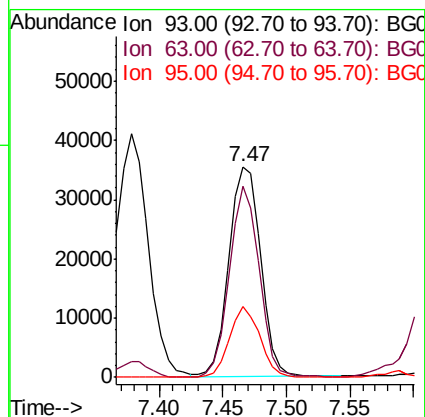
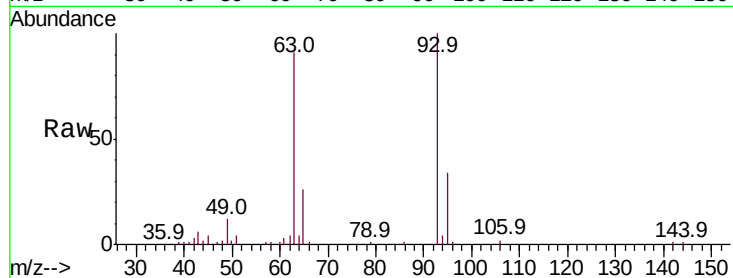


#11

bis(2-Chloroethyl)ether
Concen: 31.803 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampled :

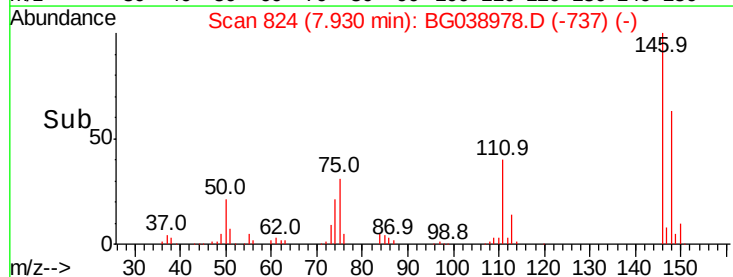
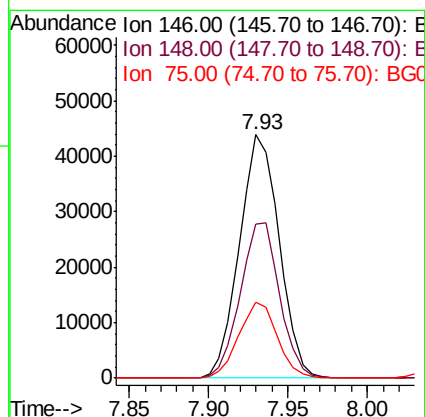
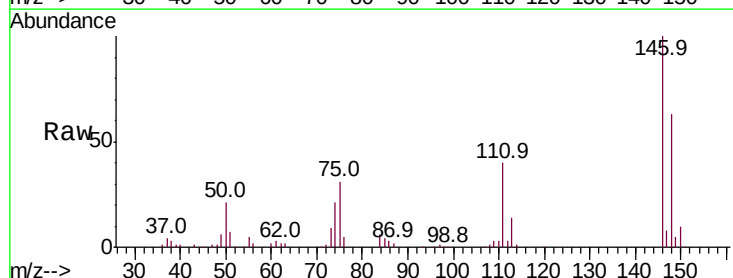
Tot Ion: 93 Resp: 61470
Ion Ratio Lower Upper
93 100
63 90.6 72.2 112.2
95 33.8 11.2 51.2

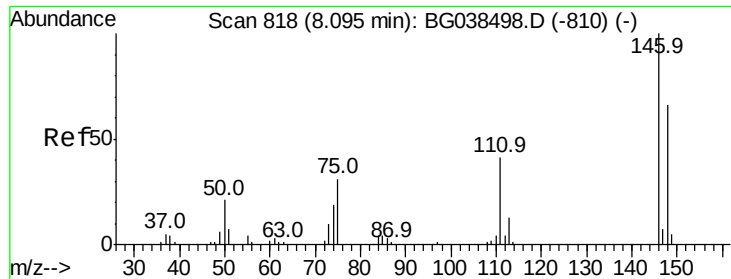


#12

1,3-Dichlorobenzene
Concen: 33.508 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion: 146 Resp: 76317
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.0
75 31.0 26.1 39.1

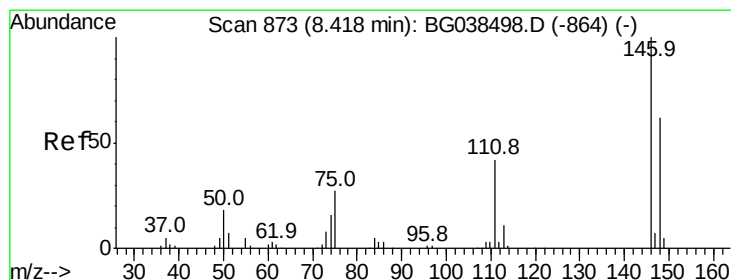
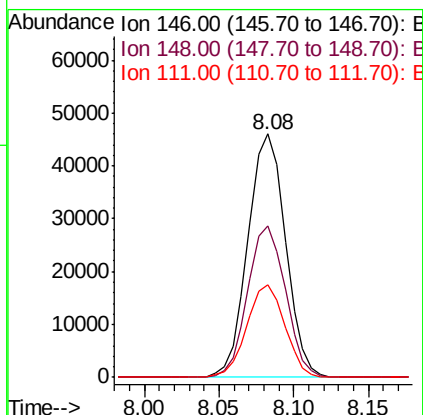
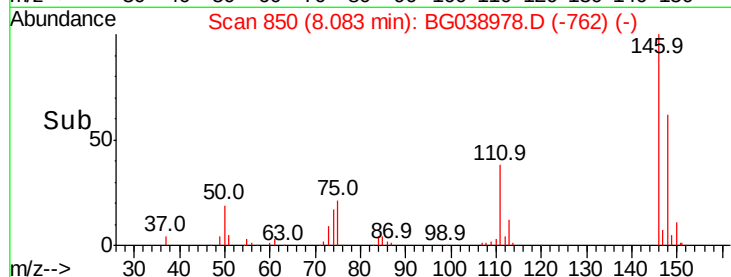
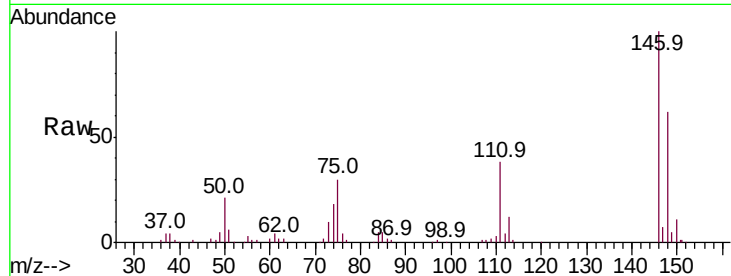




#13
 1,4-Dichlorobenzene
 Concen: 34.422 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

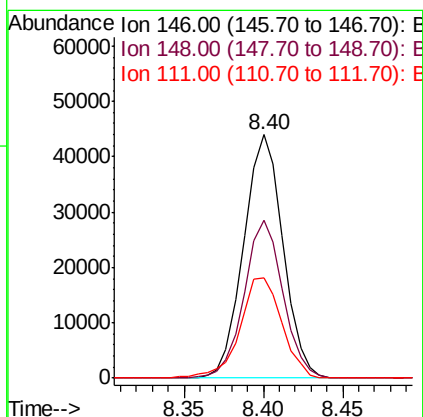
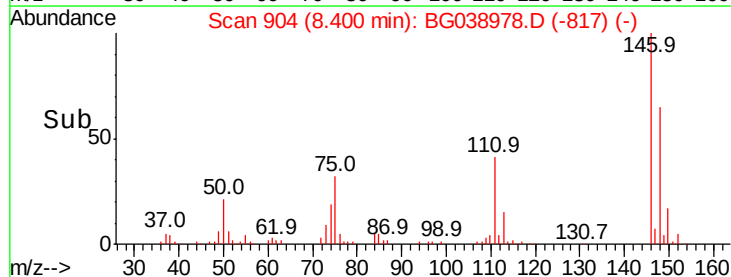
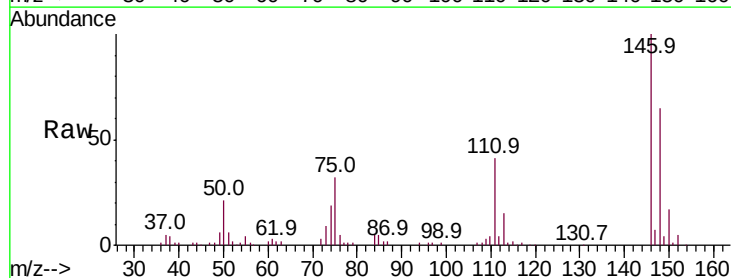
Instrument :
 BNA_G
 ClientSampleId :

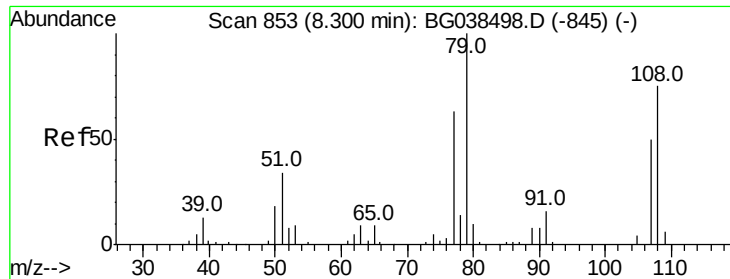
Tot Ion:146 Resp: 80292
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.4 78.6
 111 38.0 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 34.490 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion:146 Resp: 75844
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.4 74.0
 111 41.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 37.114 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampled :

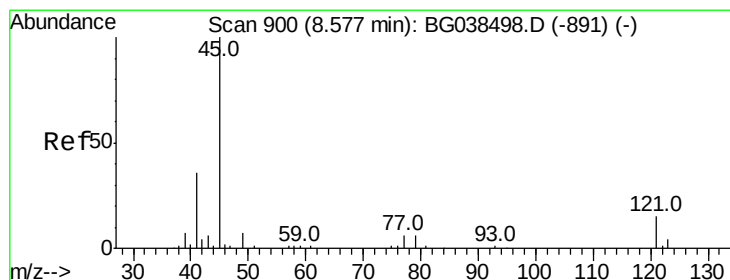
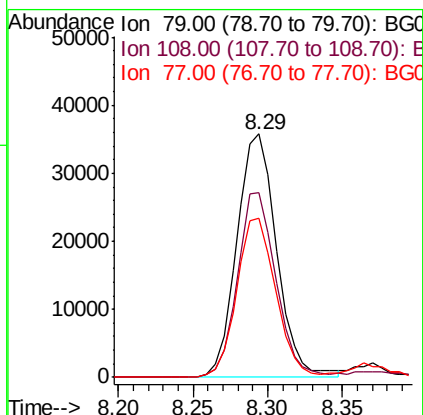
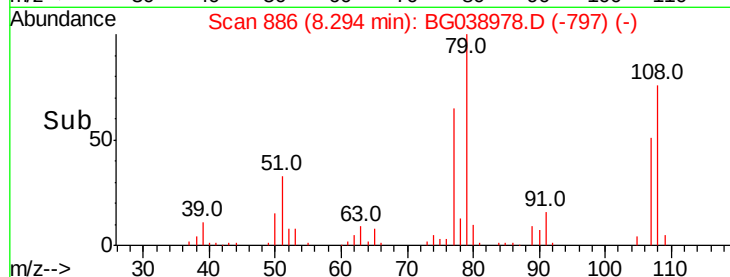
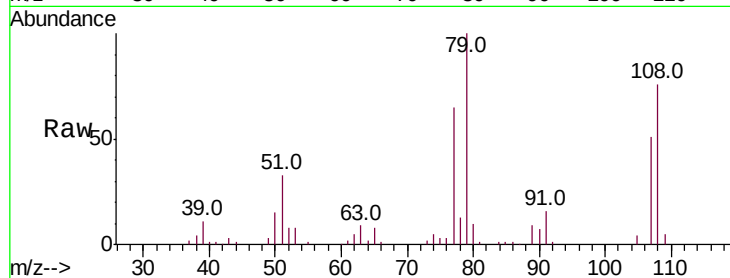
Tot Ion: 79 Resp: 66197

Ion Ratio Lower Upper

79 100

108 75.8 60.2 90.4

77 65.2 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.579 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

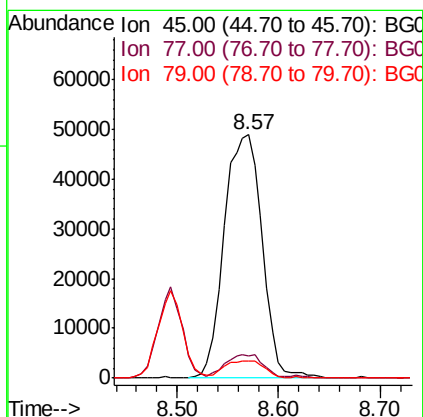
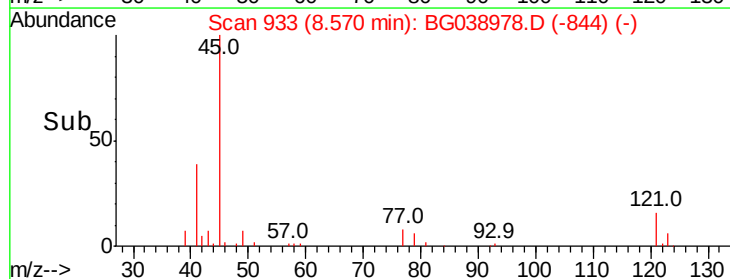
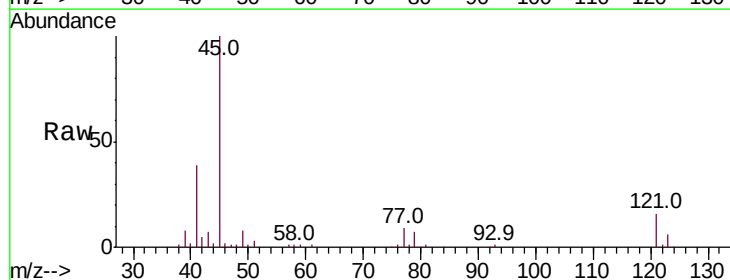
Tgt Ion: 45 Resp: 126537

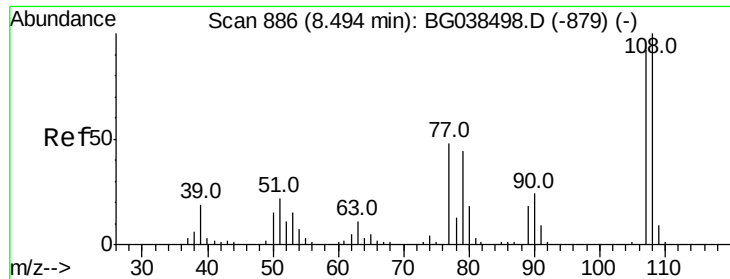
Ion Ratio Lower Upper

45 100

77 9.1 0.0 28.2

79 7.2 0.0 27.2

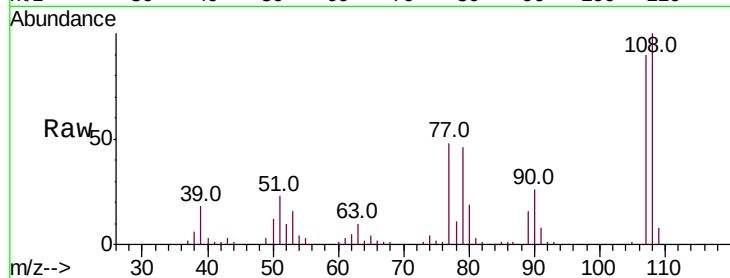




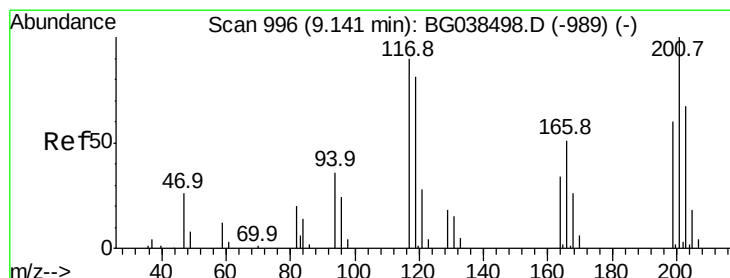
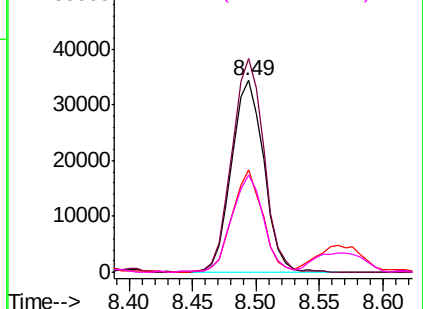
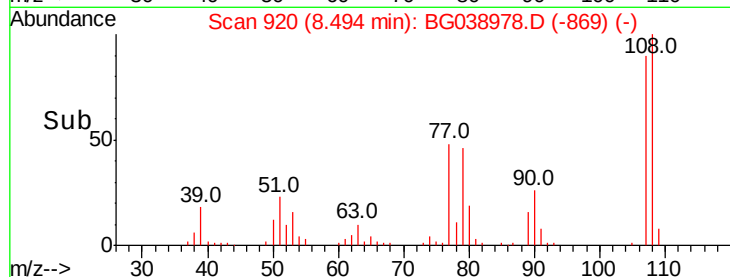
#17
2-Methylphenol
Concen: 37.391 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 60816
Ion Ratio Lower Upper
107 100
108 111.4 87.1 130.7
77 53.5 42.0 63.0
79 50.8 38.2 57.2

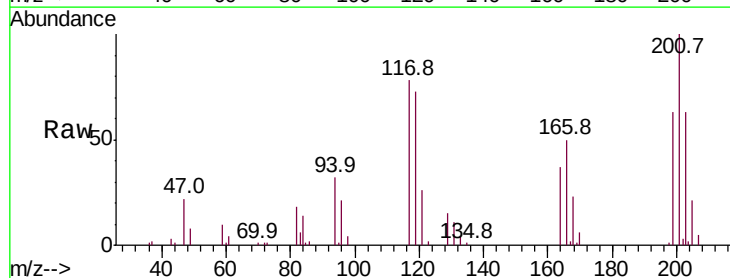


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

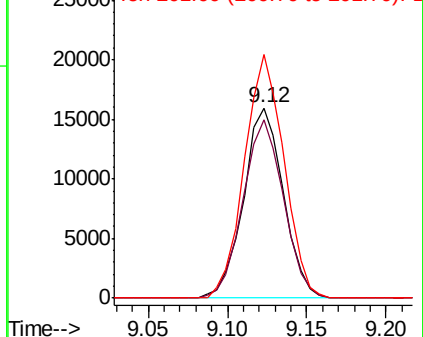
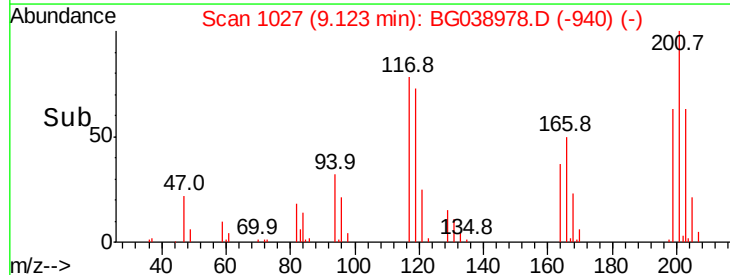


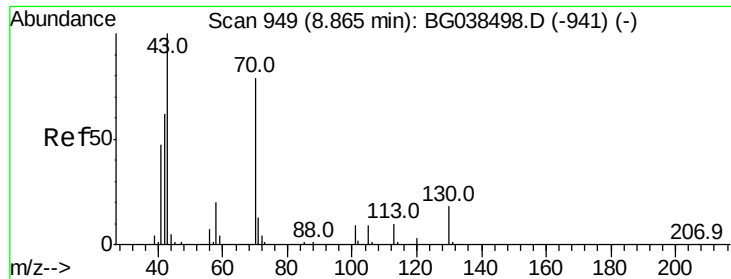
#18
Hexachloroethane
Concen: 32.592 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:117 Resp: 27780
Ion Ratio Lower Upper
117 100
119 93.6 73.8 110.8
201 128.1 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

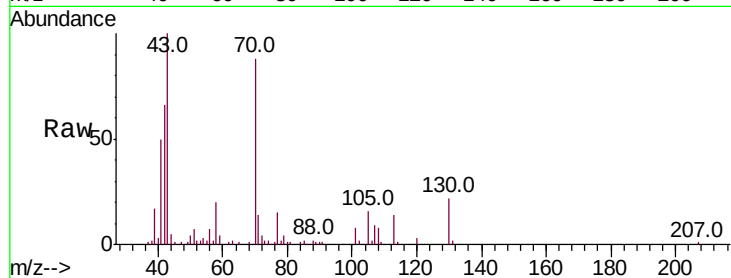




#19
n-Nitroso-di-n-propylamine
Concen: 32.554 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	52247
Ion	Ratio	Lower	Upper
70	100		
42	74.7	63.6	95.4
101	9.4	9.2	13.8
130	25.2	18.5	27.7



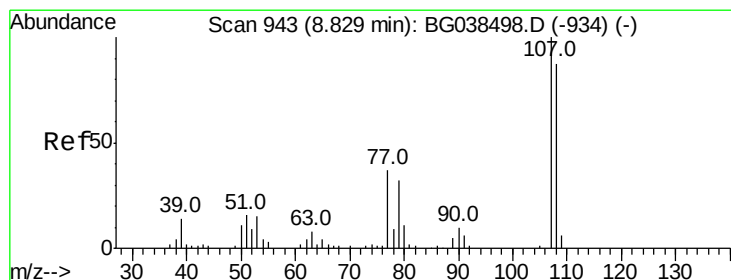
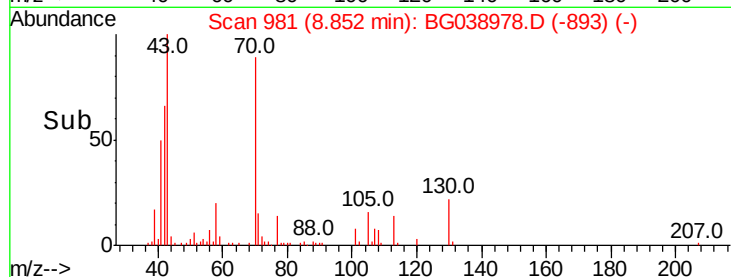
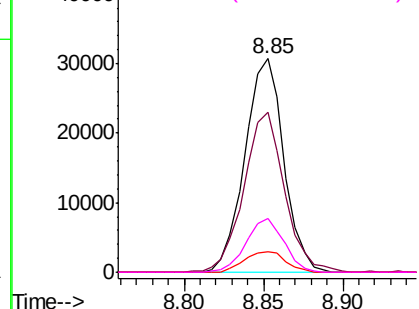
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

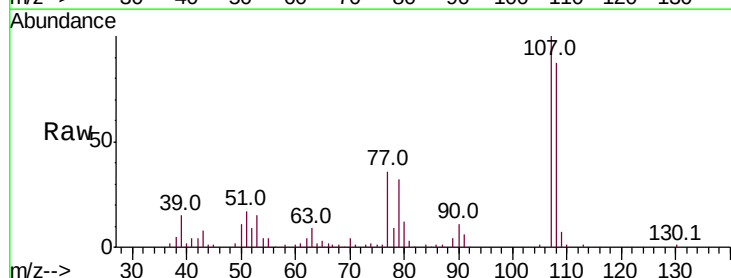
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 36.926 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:	107	Resp:	82947
Ion	Ratio	Lower	Upper
107	100		
108	86.6	66.7	106.7
77	36.0	17.3	57.3
79	32.3	12.3	52.3



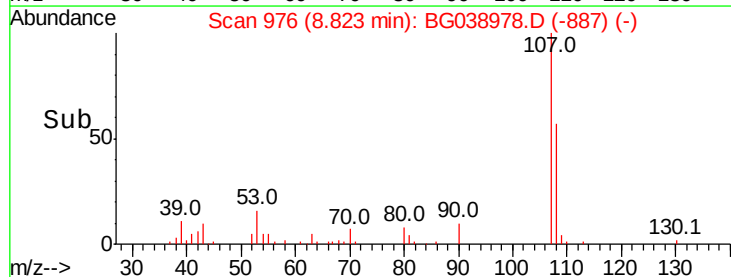
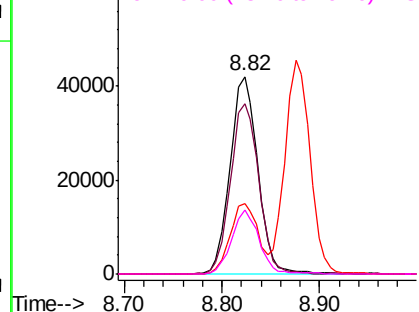
Abundance

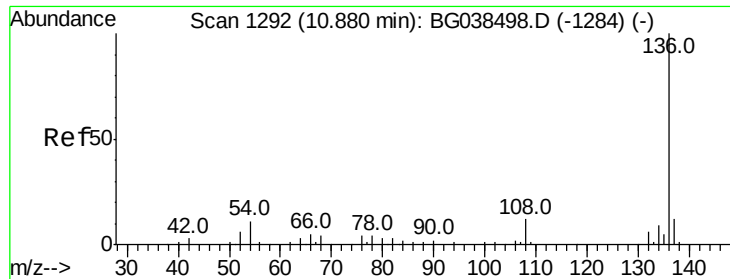
Ion 107.00 (106.70 to 107.70): BGC

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

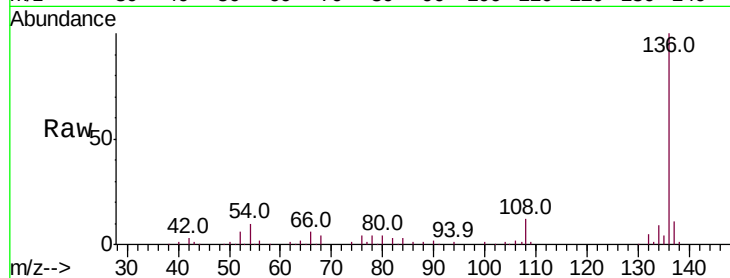




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	113142
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.3 13.9
54	9.9	8.5 12.7
68	4.3	3.5 5.3



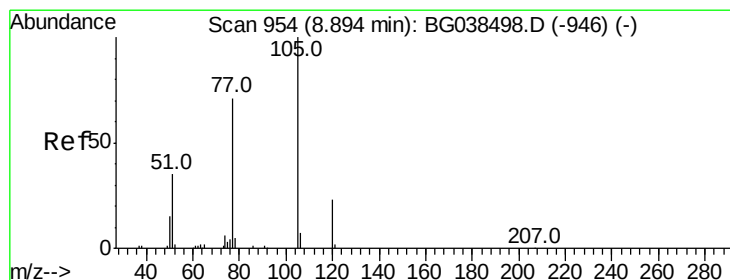
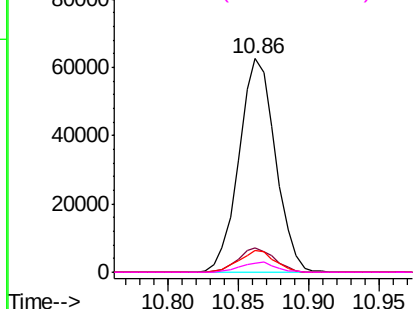
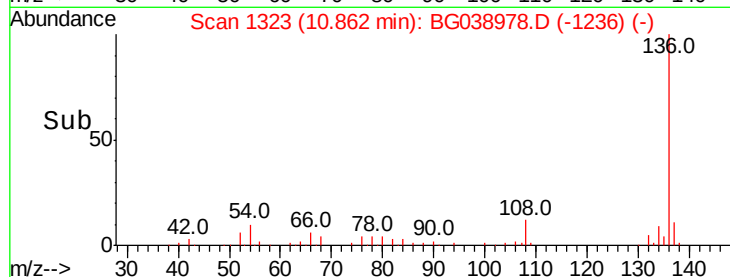
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

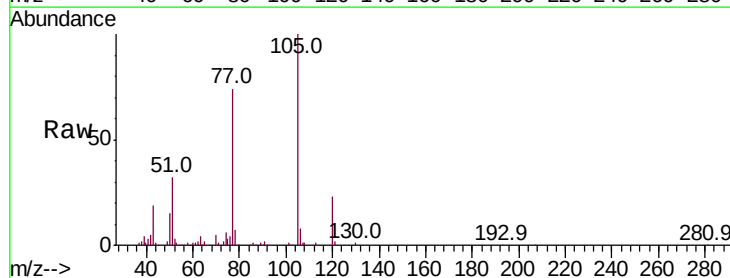
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.134 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:105	Resp:	107770
Ion	Ratio	Lower Upper
105	100	
71	0.6	0.4 0.6#
51	31.6	30.6 46.0
120	23.0	18.6 28.0



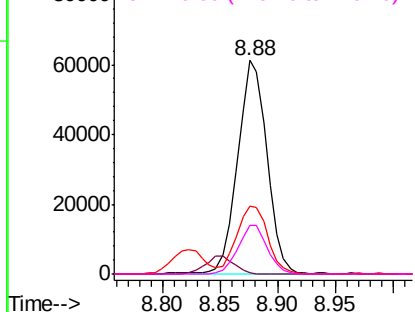
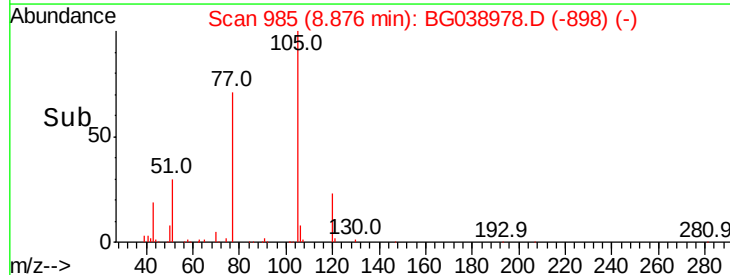
Abundance

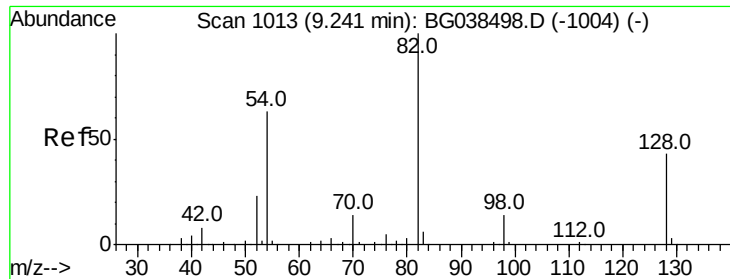
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

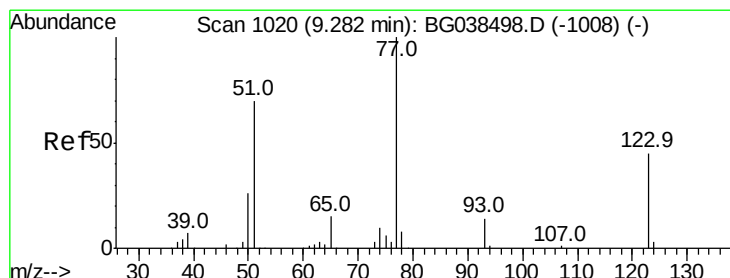
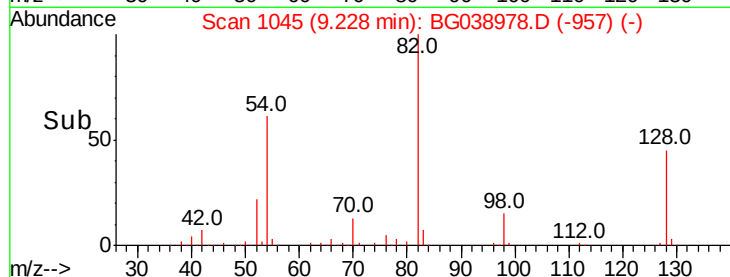
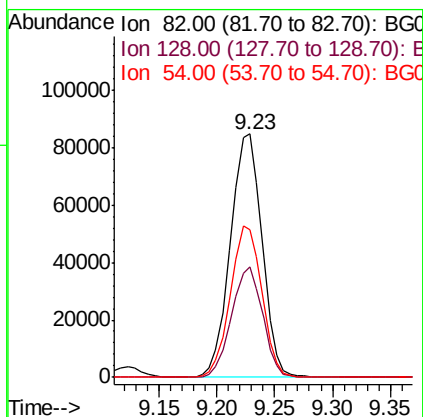
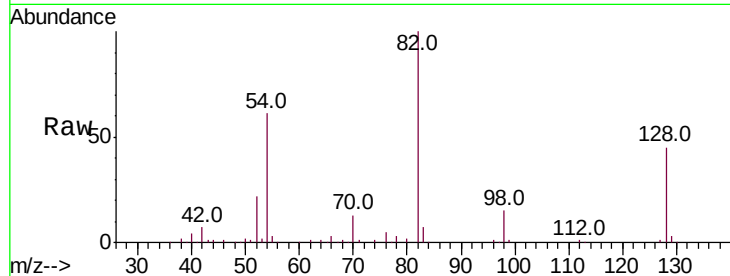




#23
Nitrobenzene-d5
Concen: 72.729 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

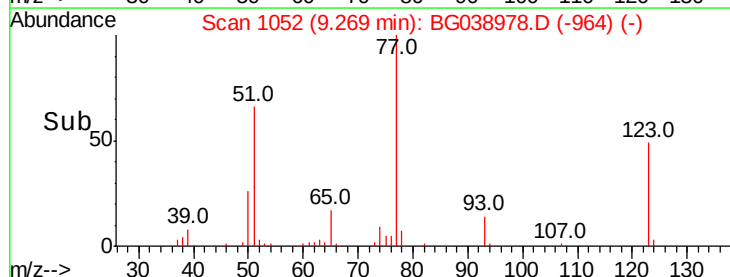
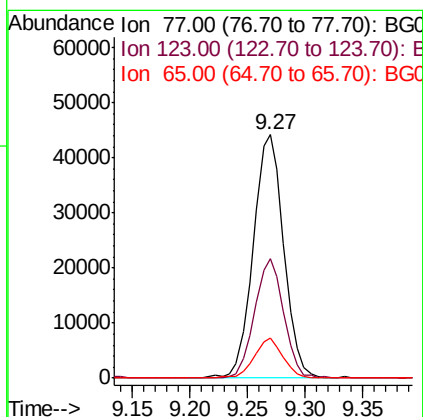
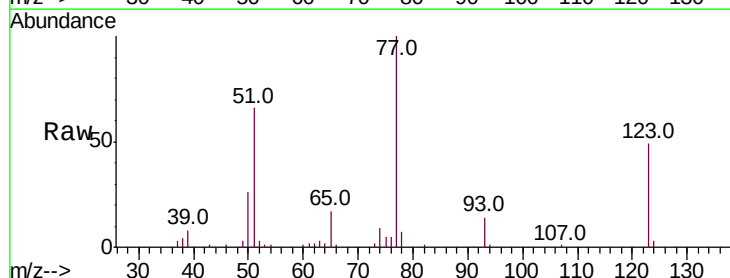
Instrument :
BNA_G
ClientSampled :

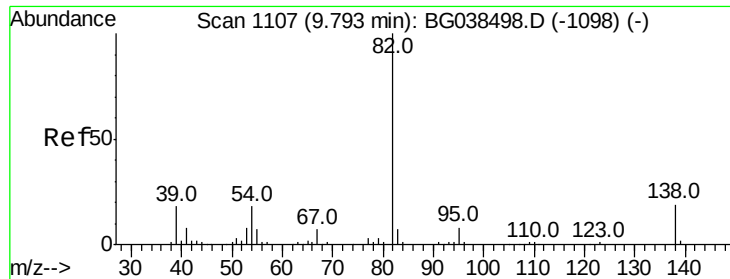
Tot Ion: 82 Resp: 161071
Ion Ratio Lower Upper
82 100
128 45.4 34.6 52.0
54 60.6 50.6 76.0



#24
Nitrobenzene
Concen: 36.180 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion: 77 Resp: 81059
Ion Ratio Lower Upper
77 100
123 49.2 35.9 53.9
65 16.6 12.0 18.0





#25

Isophorone

Concen: 37.607 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampled :

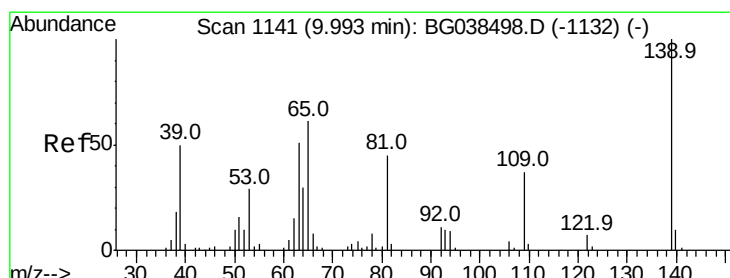
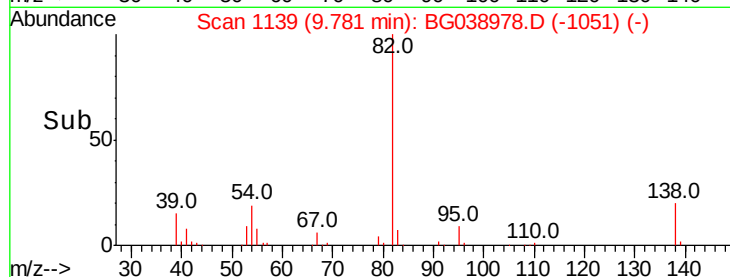
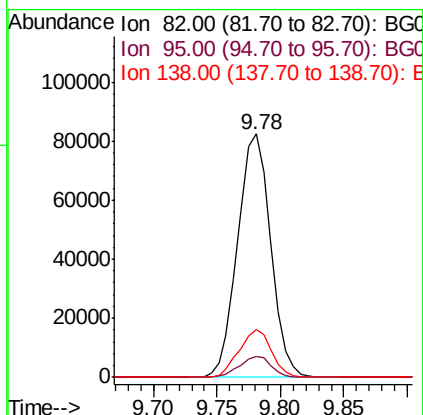
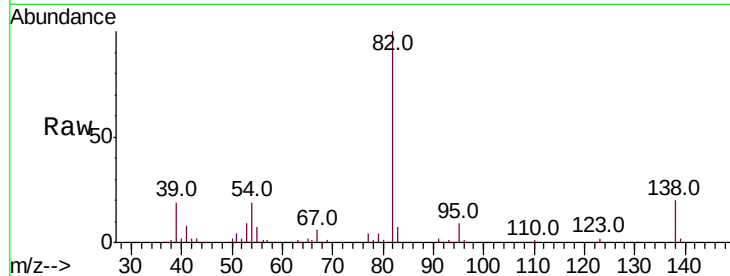
Tot Ion: 82 Resp: 149645

Ion Ratio Lower Upper

82 100

95 8.8 6.1 9.1

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 37.960 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

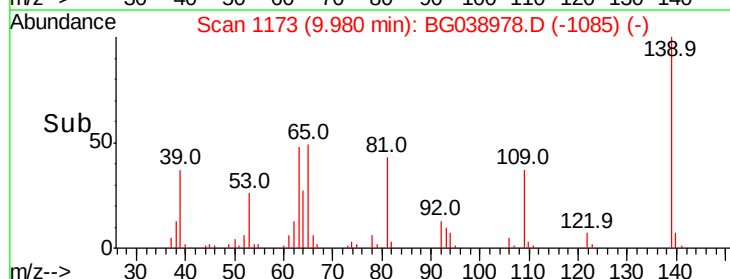
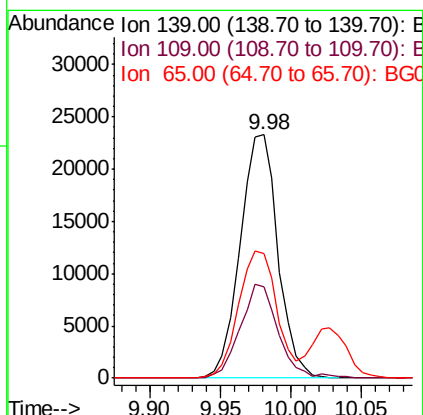
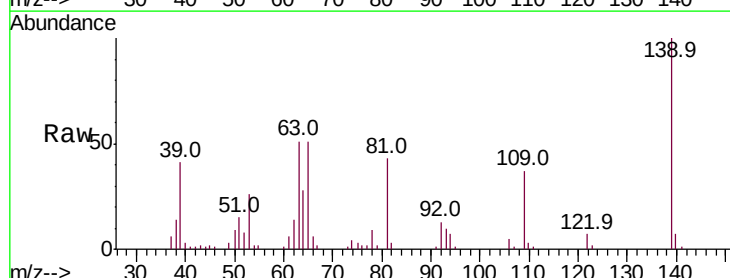
Tgt Ion: 139 Resp: 43529

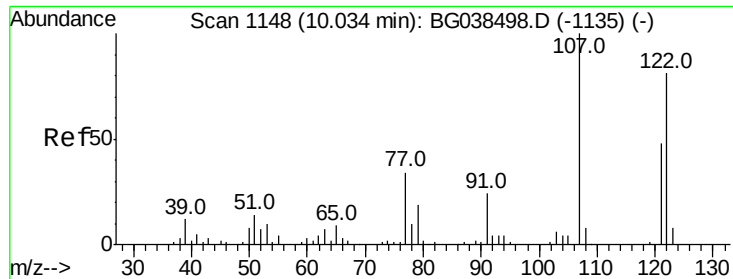
Ion Ratio Lower Upper

139 100

109 37.4 29.5 44.3

65 51.0 48.5 72.7

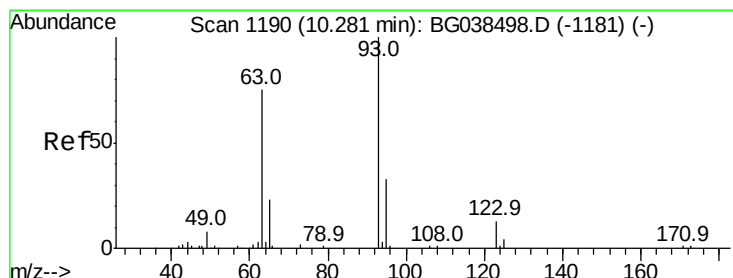
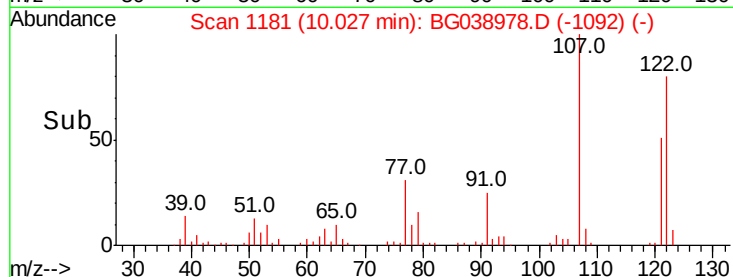
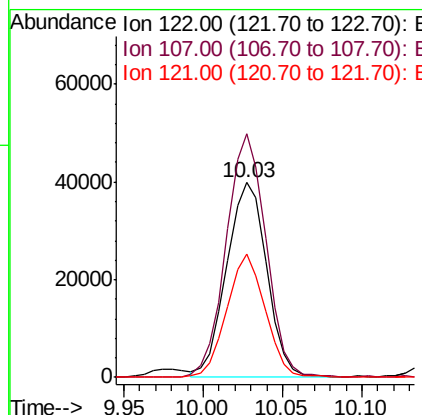
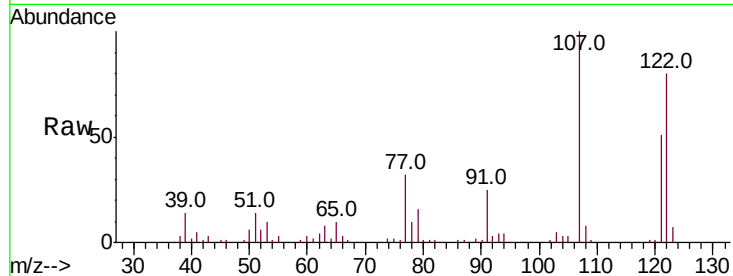




#27
 2,4-Dimethylphenol
 Concen: 42.391 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

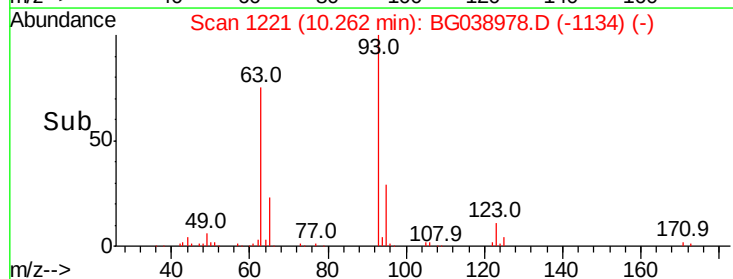
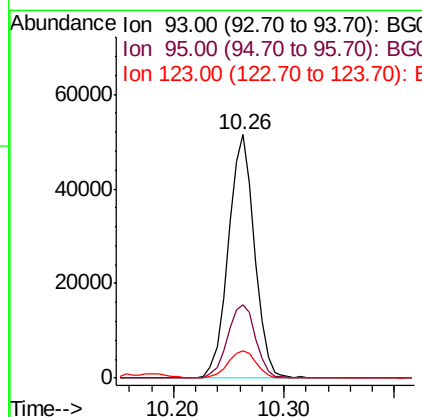
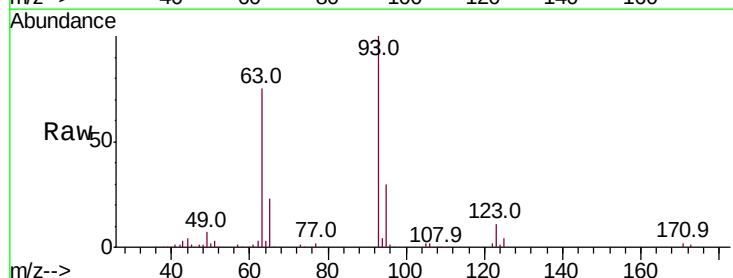
Instrument :
 BNA_G
 ClientSampled :

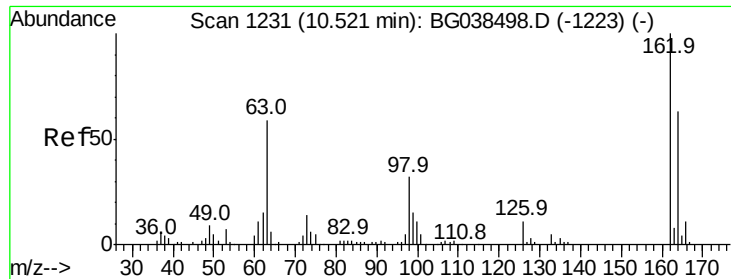
Tot Ion:122 Resp: 69666
 Ion Ratio Lower Upper
 122 100
 107 125.3 98.4 147.6
 121 63.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.000 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion: 93 Resp: 85331
 Ion Ratio Lower Upper
 93 100
 95 29.9 26.6 40.0
 123 11.5 10.6 16.0

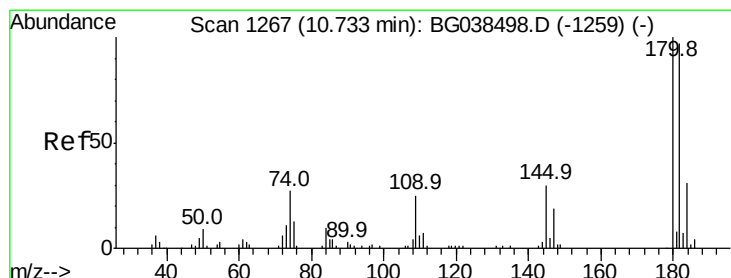
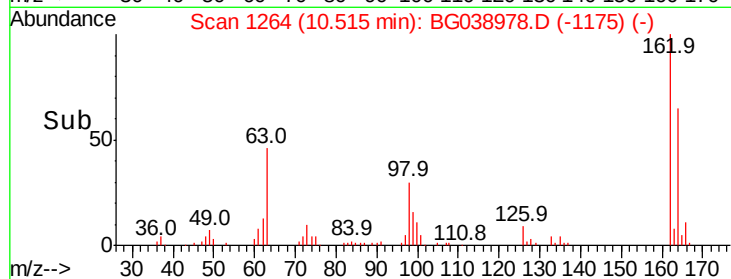
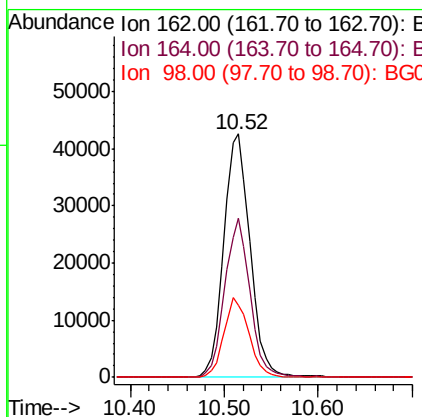
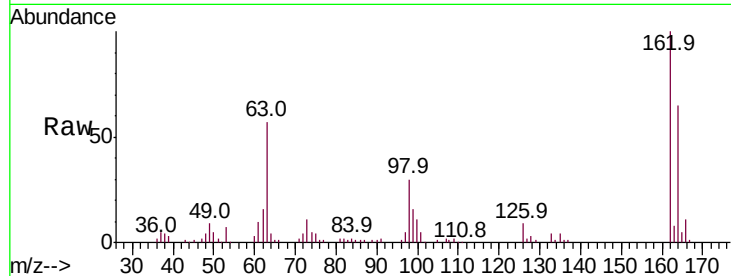




#29
 2,4-Dichlorophenol
 Concen: 45.326 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

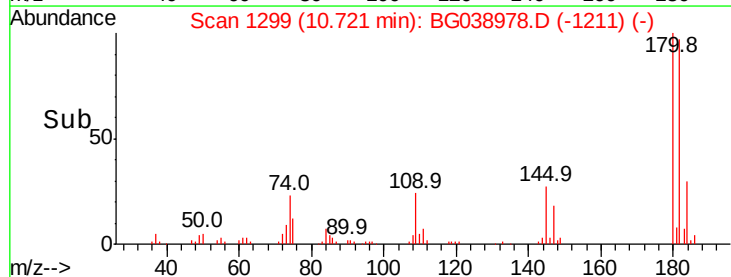
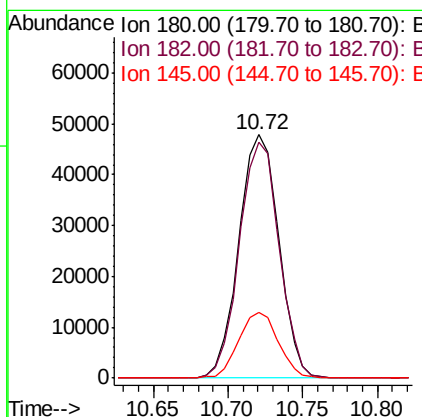
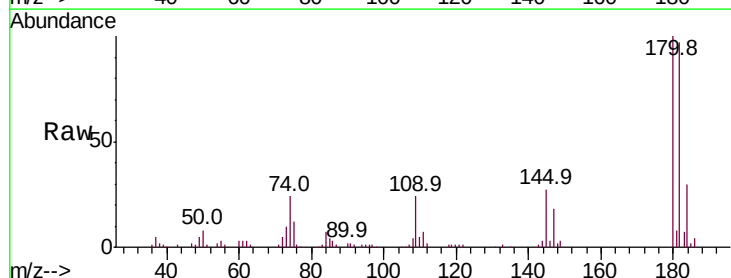
Instrument :
 BNA_G
 ClientSampleId :

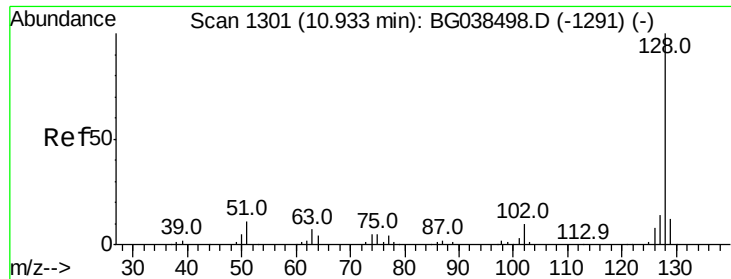
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.9	82.9
98	29.7	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.210 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.4	116.0
145	26.9	24.1	36.1

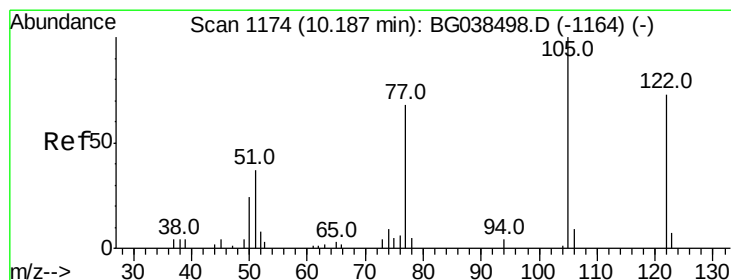
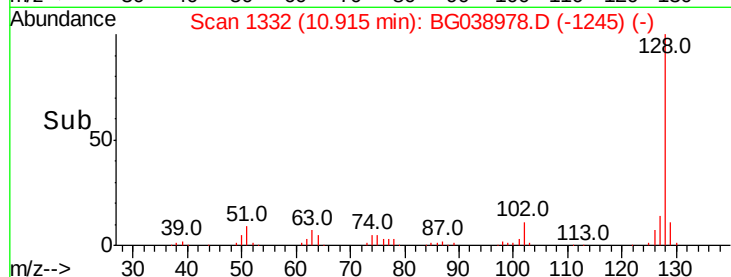
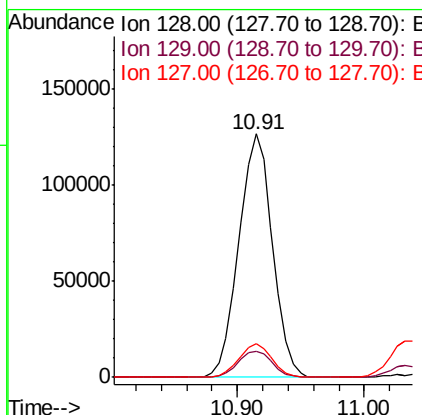
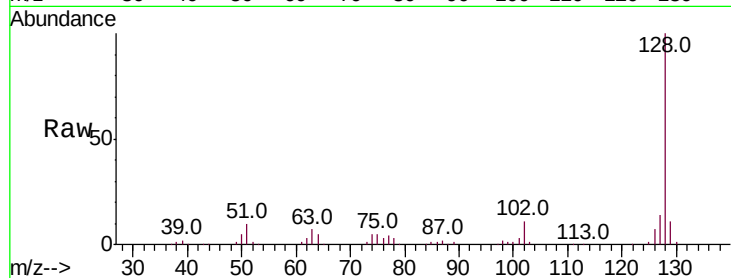




#31
Naphthalene
Concen: 41.646 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

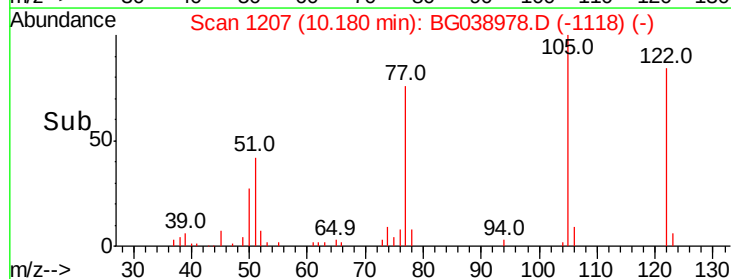
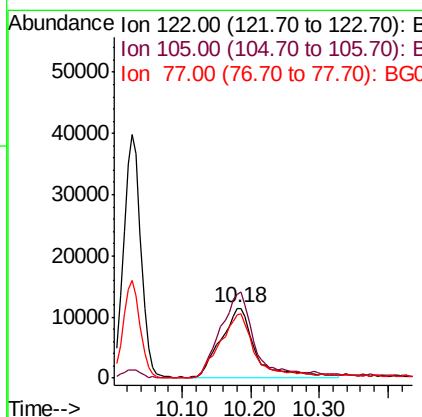
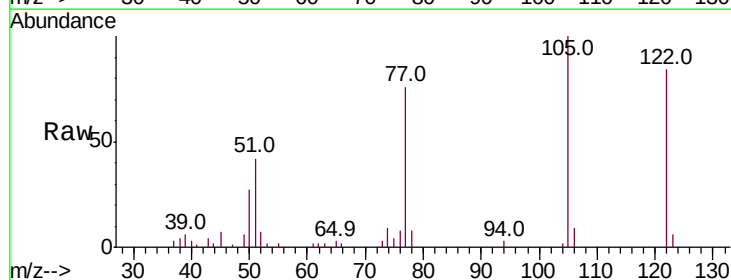
Instrument :
BNA_G
ClientSampleId :

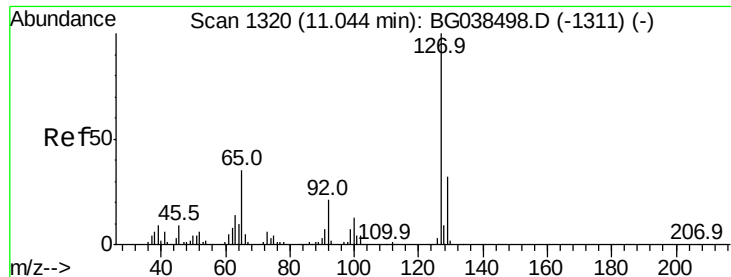
Tot Ion:128 Resp: 232159
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 41.111 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:122 Resp: 40983
Ion Ratio Lower Upper
122 100
105 119.4 116.7 156.7
77 90.6 72.5 112.5

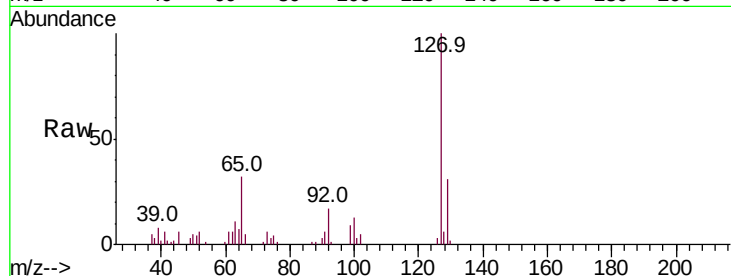




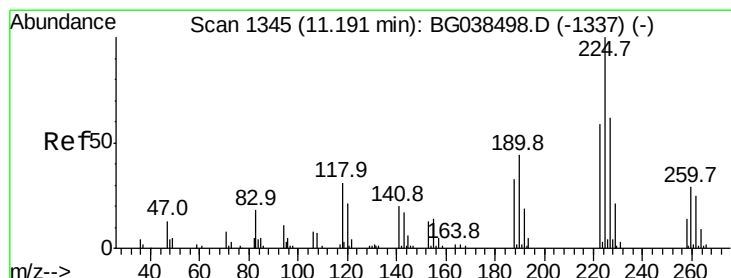
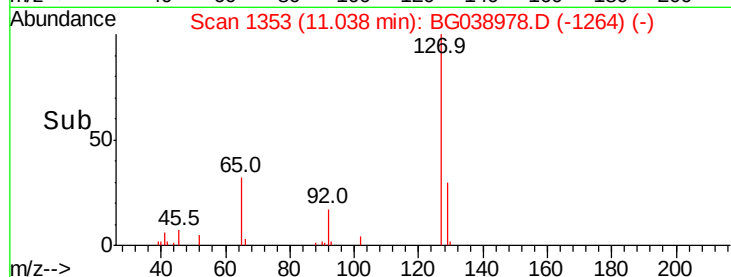
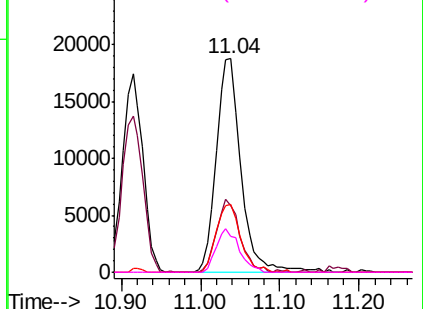
#33
4-Chloroaniline
Concen: 16.766 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 40578
Ion Ratio Lower Upper
127 100
129 31.1 25.8 38.8
65 32.1 27.8 41.6
92 16.6 17.0 25.6#

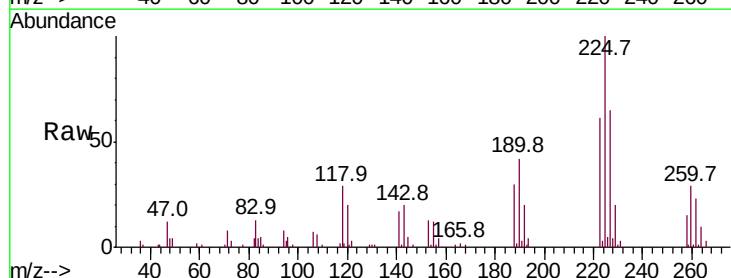


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

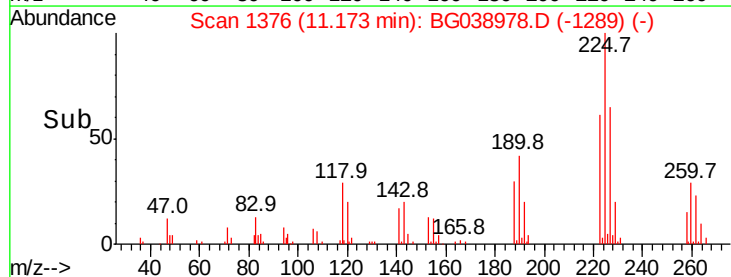
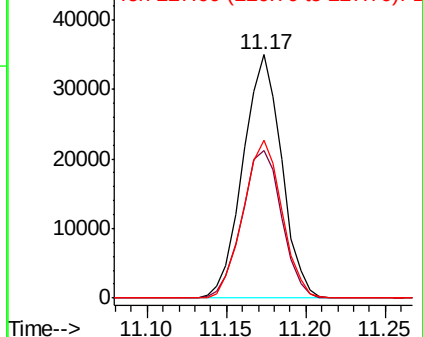


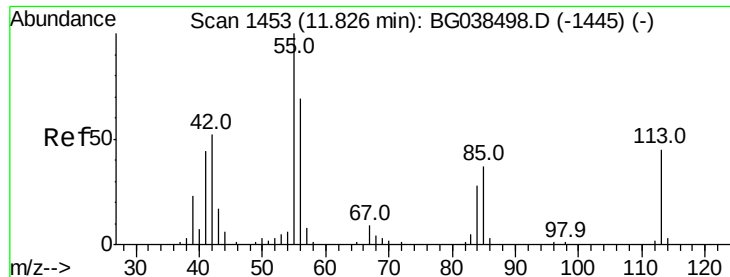
#34
Hexachlorobutadiene
Concen: 39.562 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:225 Resp: 59117
Ion Ratio Lower Upper
225 100
223 61.0 45.0 67.6
227 66.0 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: 18.303 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

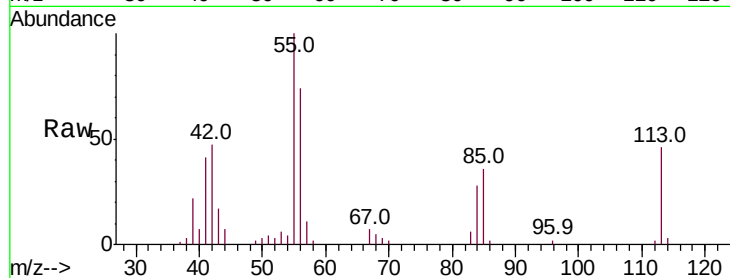
Tot Ion:113 Resp: 13848

Ion Ratio Lower Upper

113 100

55 215.9 204.3 244.3

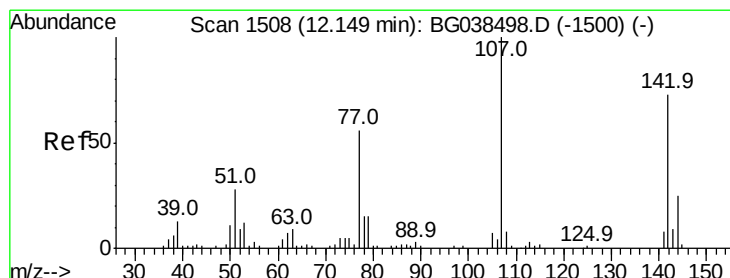
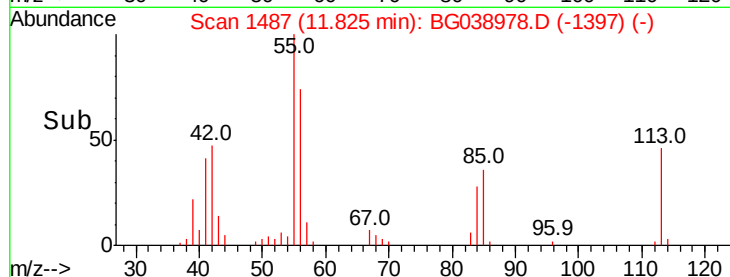
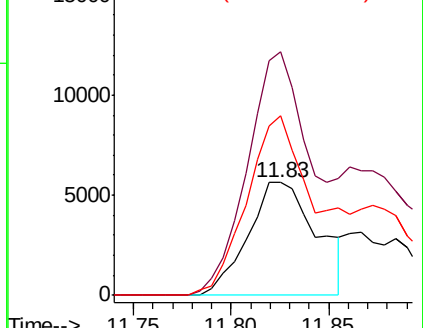
56 159.7 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.637 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

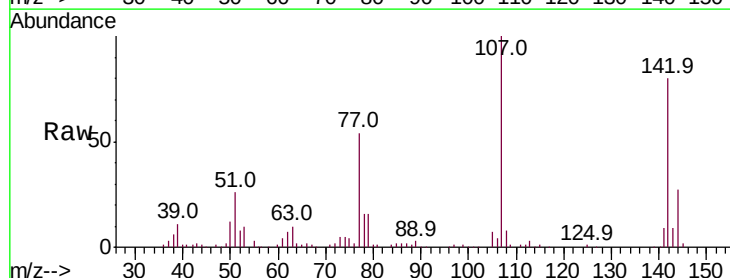
Tgt Ion:107 Resp: 84783

Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

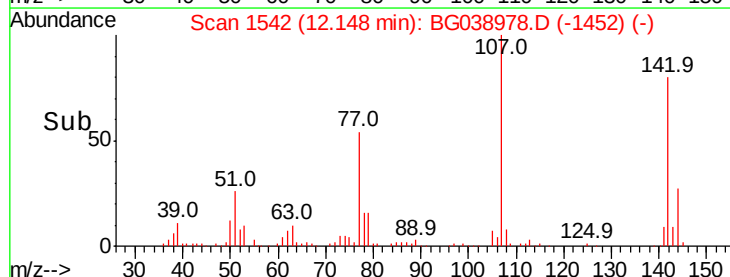
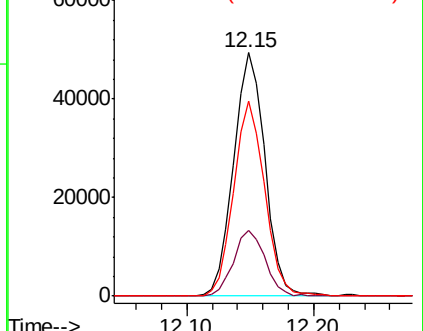
142 80.0 58.7 88.1

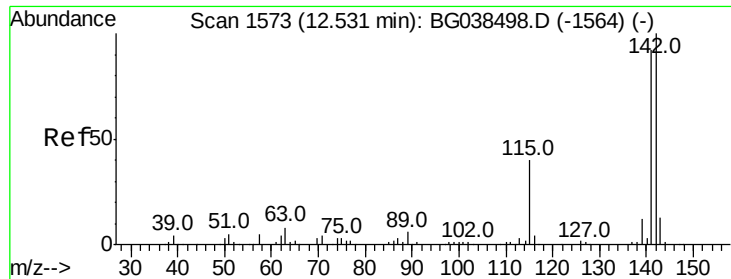


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

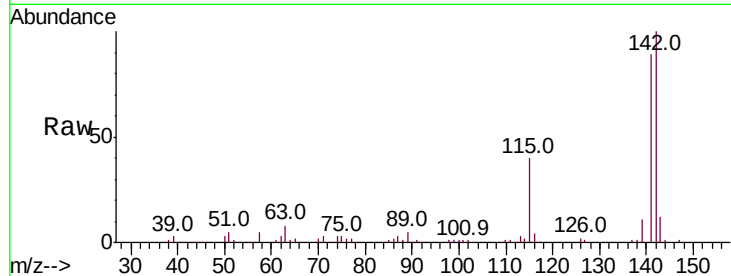




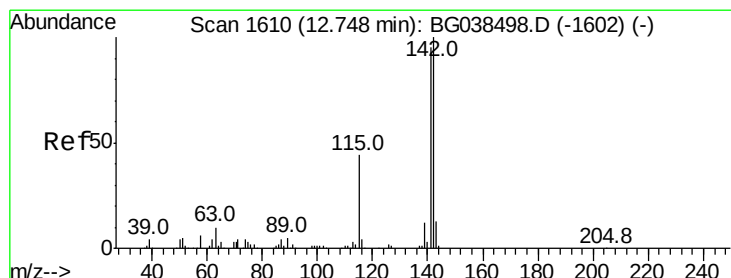
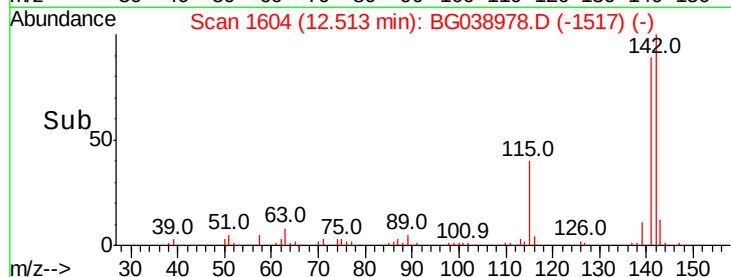
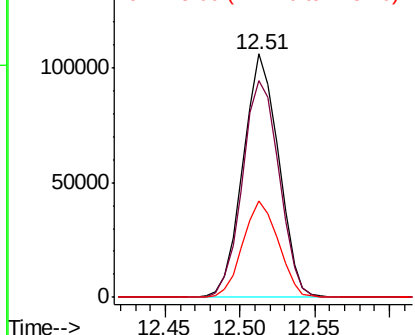
#37
2-Methylnaphthalene
Concen: 44.104 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 175402
Ion Ratio Lower Upper
142 100
141 88.8 73.5 110.3
115 39.8 31.7 47.5

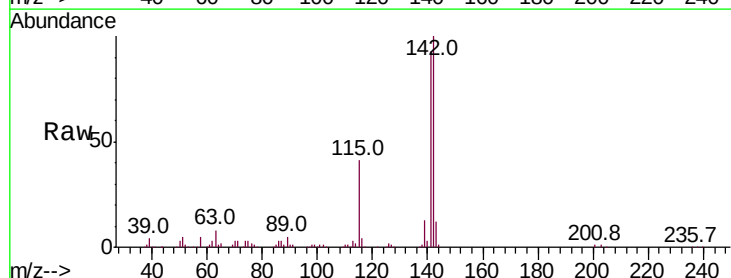


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

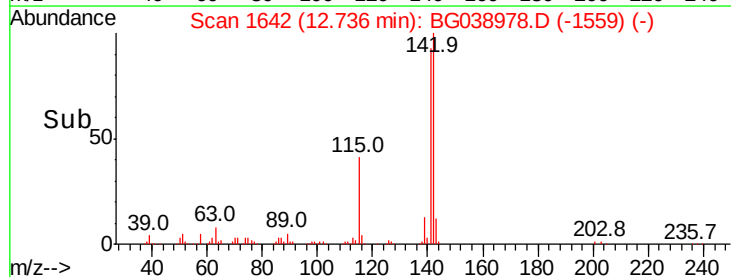
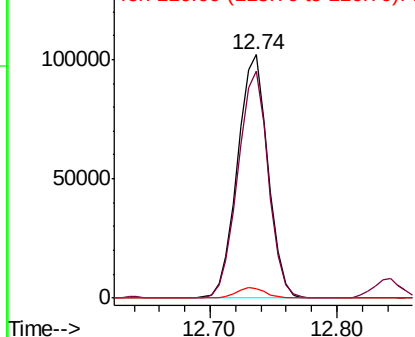


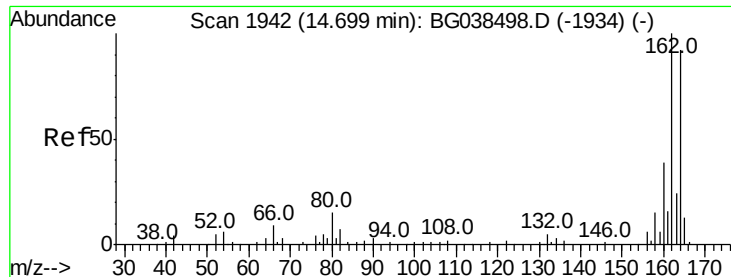
#38
1-Methylnaphthalene
Concen: 43.905 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:142 Resp: 169439
Ion Ratio Lower Upper
142 100
141 93.3 75.8 113.8
116 3.9 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

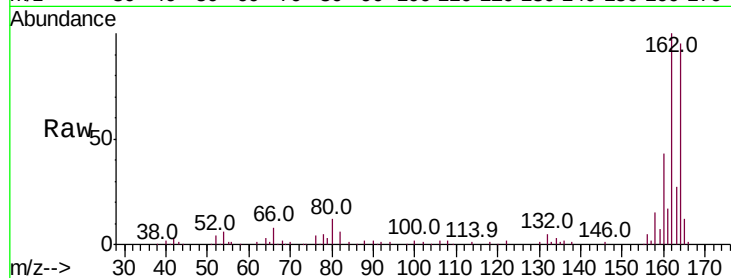
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 77629

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.6	130.0
160	45.7	34.2	51.2

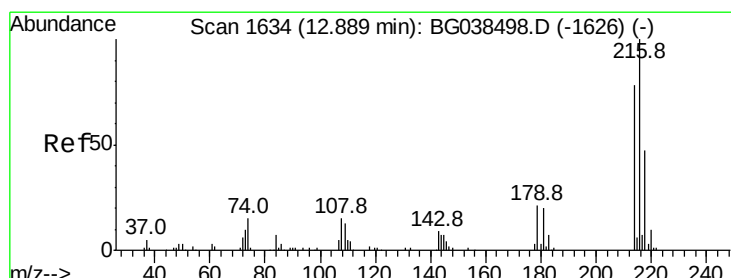
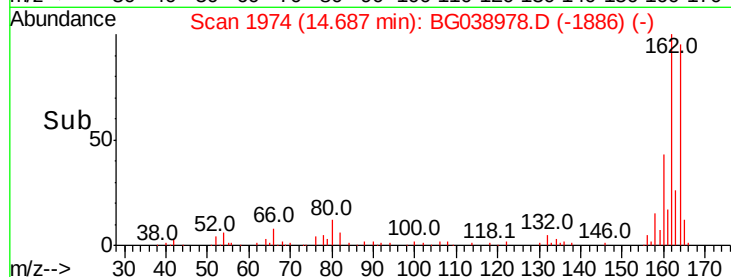
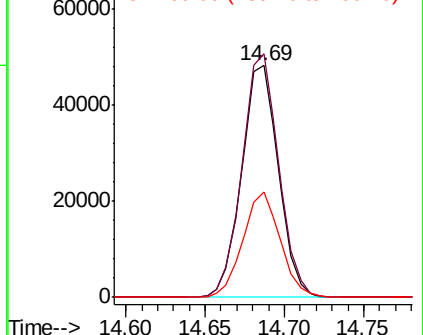


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.327 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Tgt Ion:216 Resp: 114116

Ion	Ratio	Lower	Upper
216	100		
214	77.8	64.1	96.1
179	19.2	16.4	24.6
108	16.3	13.9	20.9

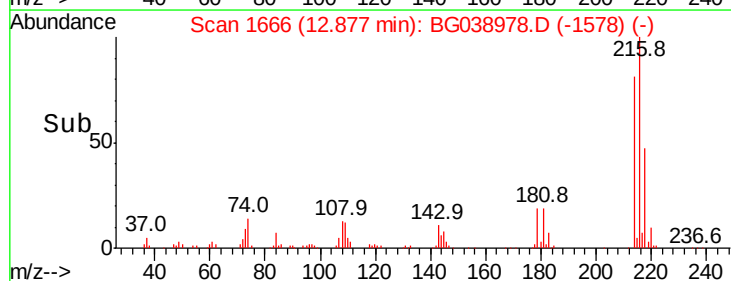
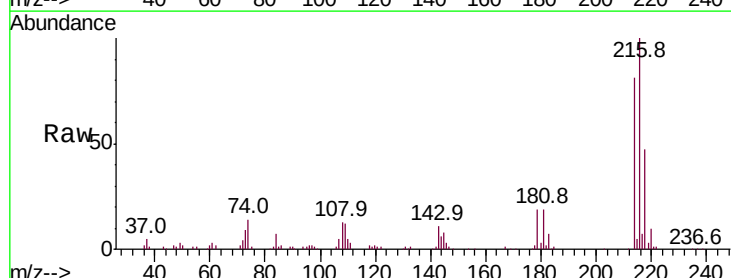
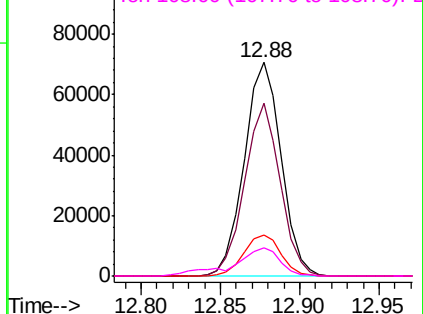
Abundance

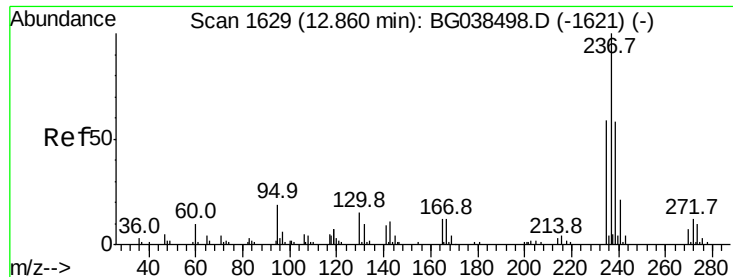
Ion 216.00 (215.70 to 216.70): E

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: 76.629 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

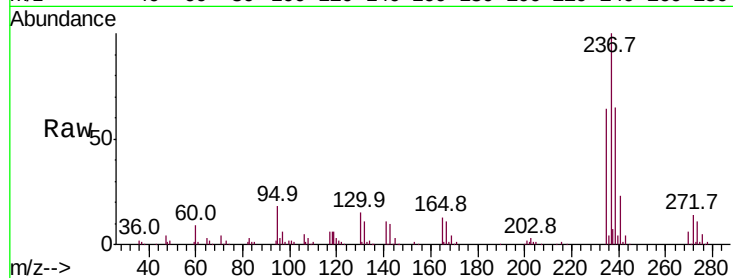
Tot Ion:237 Resp: 122162

Ion Ratio Lower Upper

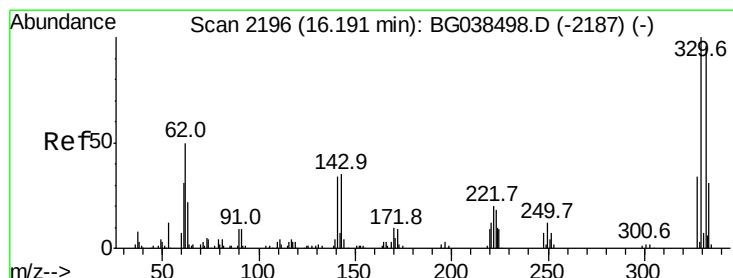
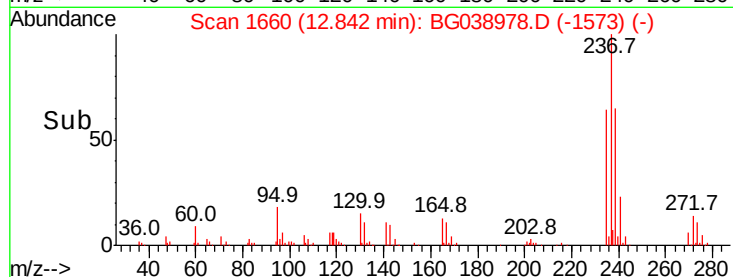
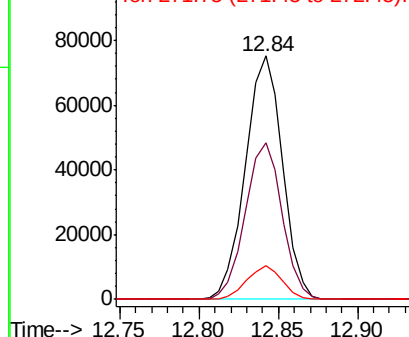
237 100

235 64.3 38.8 78.8

272 13.9 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.780 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

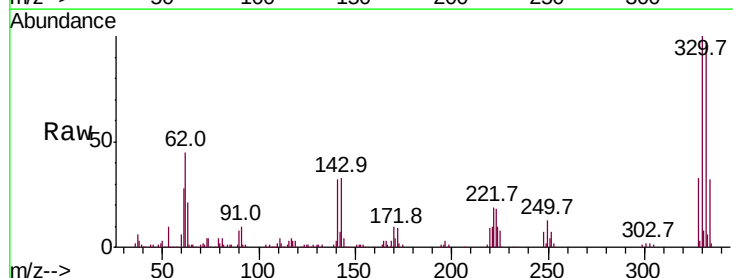
Tgt Ion:330 Resp: 146336

Ion Ratio Lower Upper

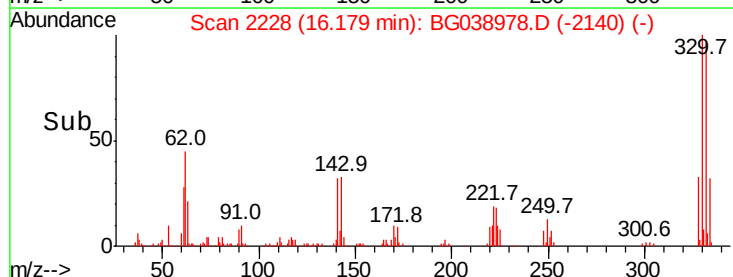
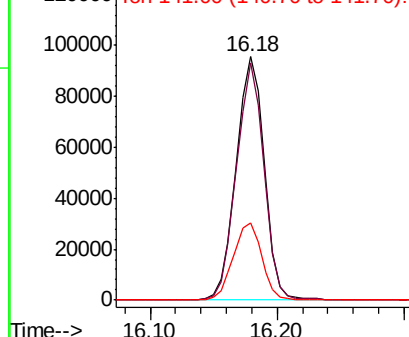
330 100

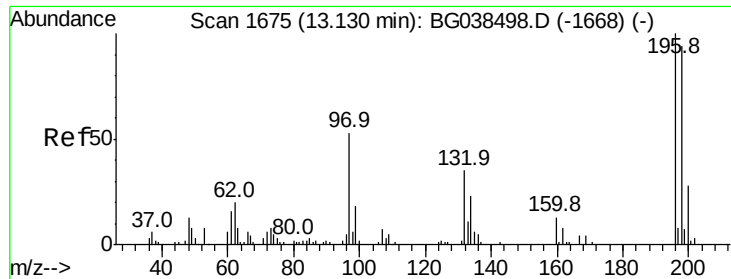
332 95.8 76.9 115.3

141 32.2 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

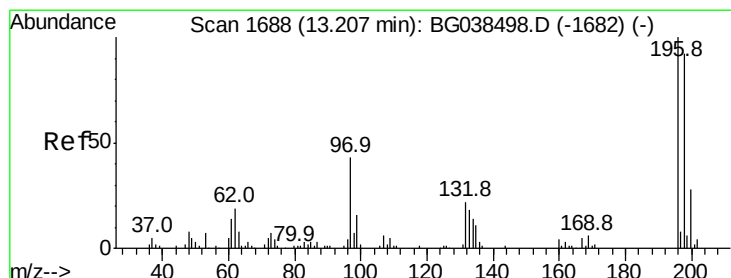
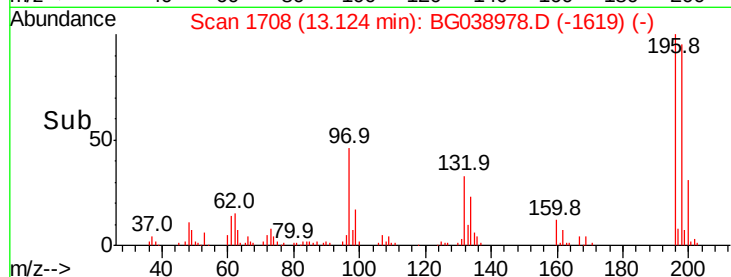
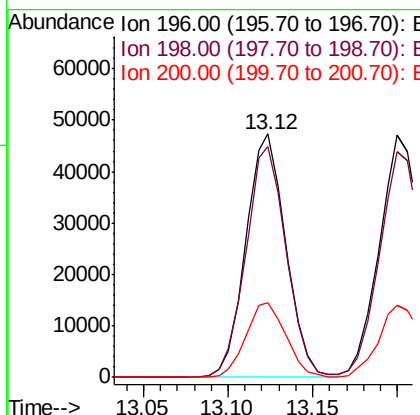
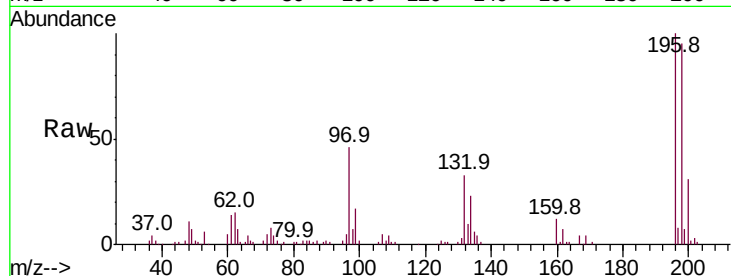




#43
 2,4,6-Trichlorophenol
 Concen: 43.690 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

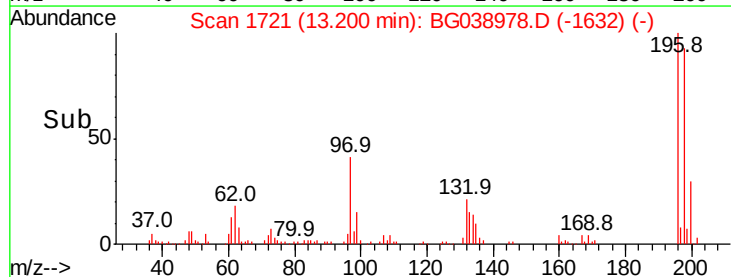
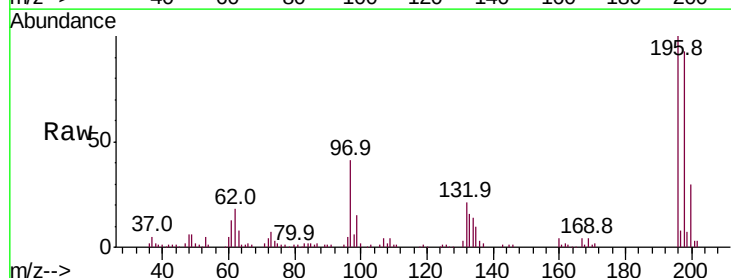
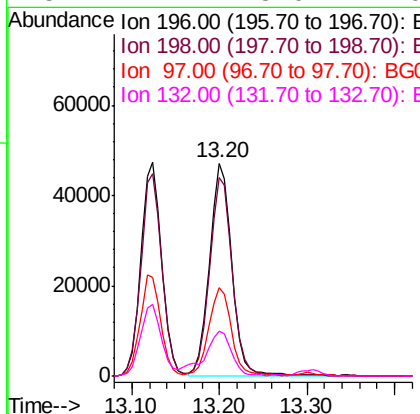
Instrument :
 BNA_G
 ClientSampleId :

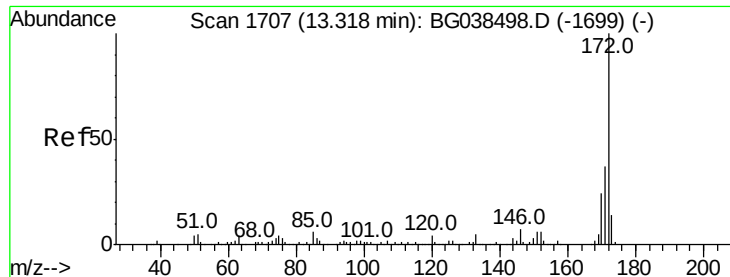
Tot Ion:196 Resp: 77951
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.0 112.4
 200 30.8 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.496 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion:196 Resp: 84055
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.0 111.0
 97 41.3 35.1 52.7
 132 21.1 18.0 27.0

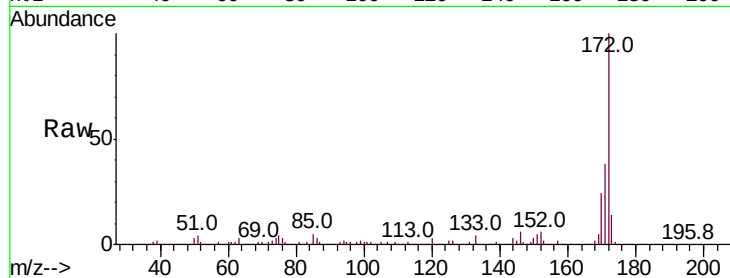




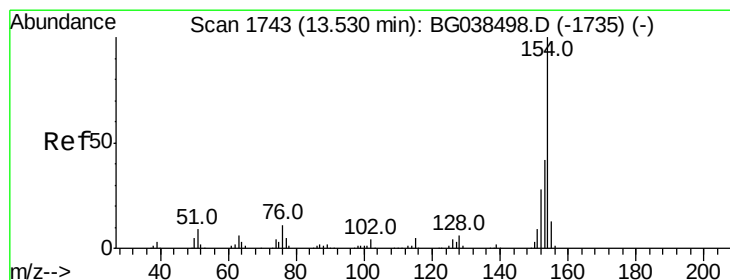
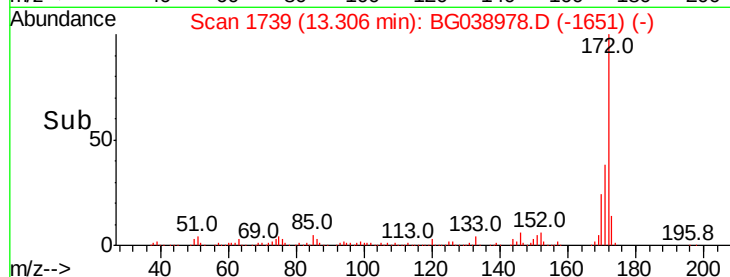
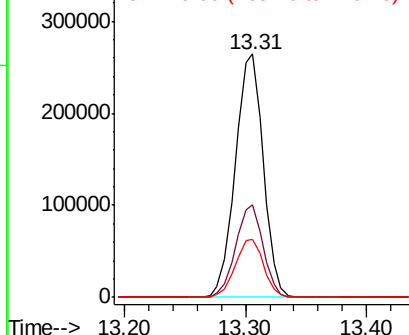
#45
2-Fluorobiphenyl
Concen: 75.482 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 427129
Ion Ratio Lower Upper
172 100
171 38.0 29.8 44.6
170 23.8 19.5 29.3

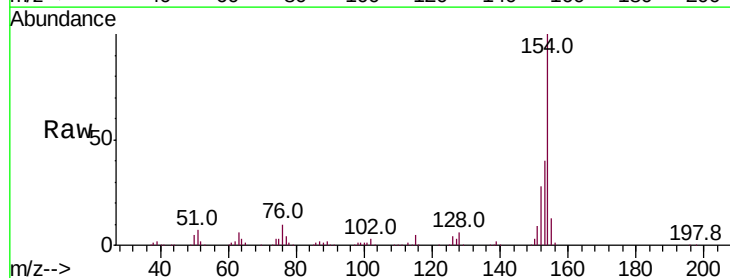


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

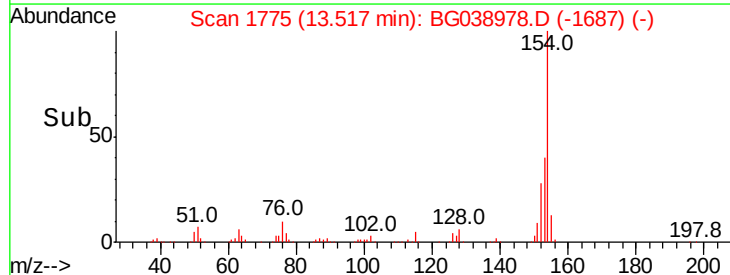
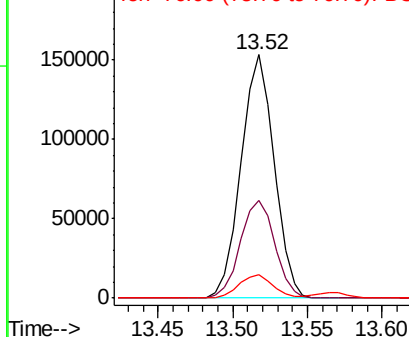


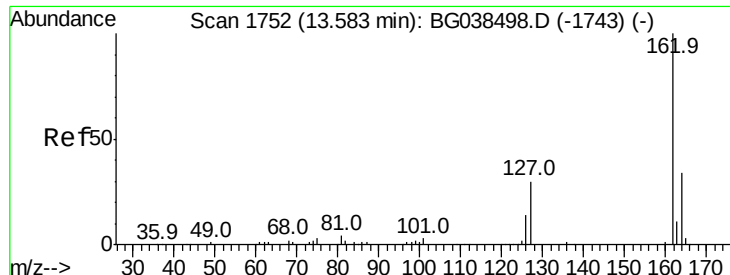
#46
1,1'-Biphenyl
Concen: 36.225 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:154 Resp: 235743
Ion Ratio Lower Upper
154 100
153 40.4 22.1 62.1
76 9.7 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

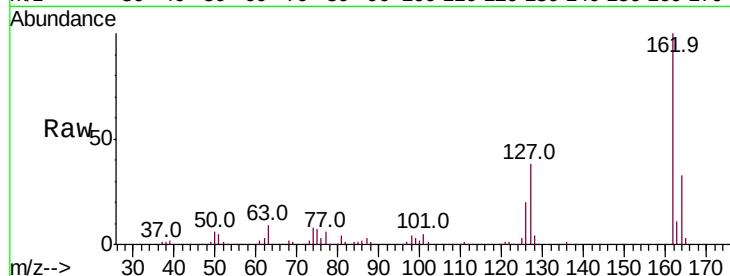




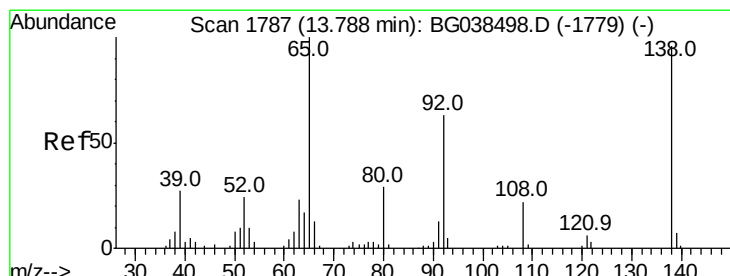
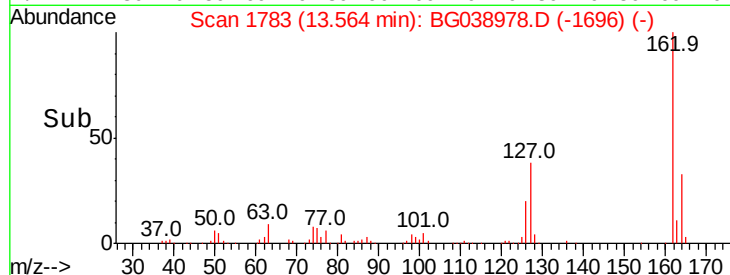
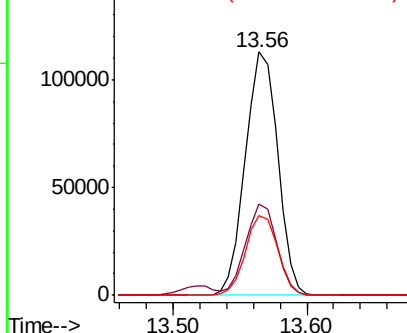
#47
2-Chloronaphthalene
Concen: 37.810 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 190070
Ion Ratio Lower Upper
162 100
127 37.5 27.8 41.8
164 32.6 26.9 40.3

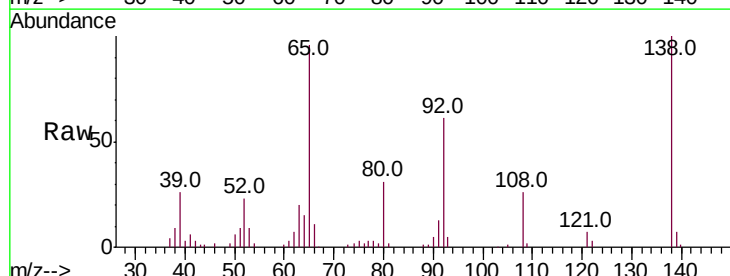


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

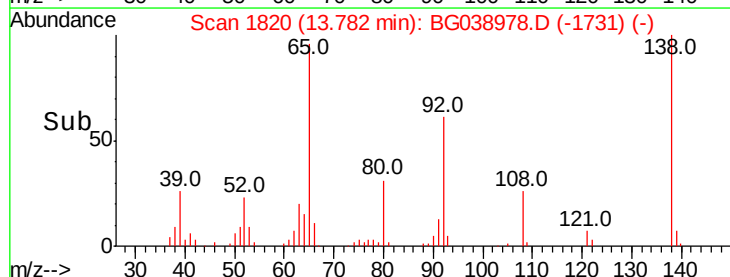
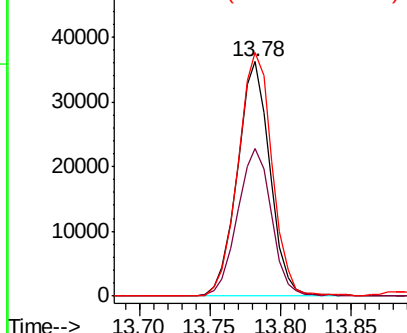


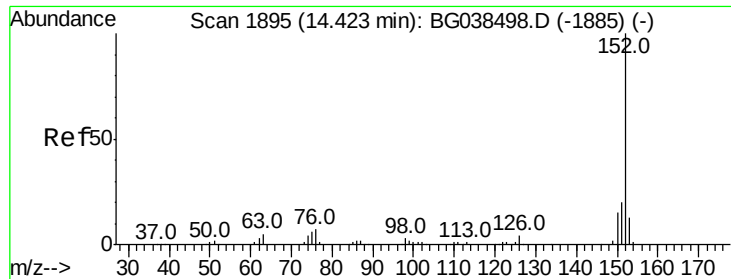
#48
2-Nitroaniline
Concen: 36.415 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion: 65 Resp: 58308
Ion Ratio Lower Upper
65 100
92 63.1 50.0 75.0
138 104.0 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: 41.595 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampled :

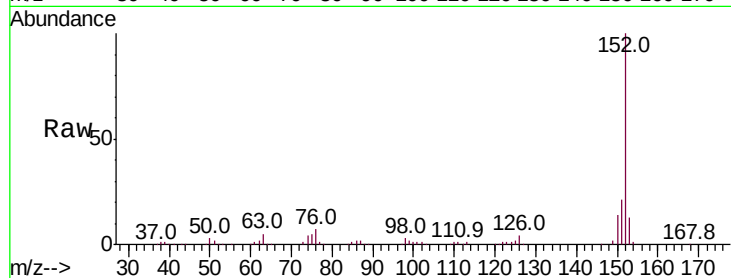
Tot Ion:152 Resp: 312591

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

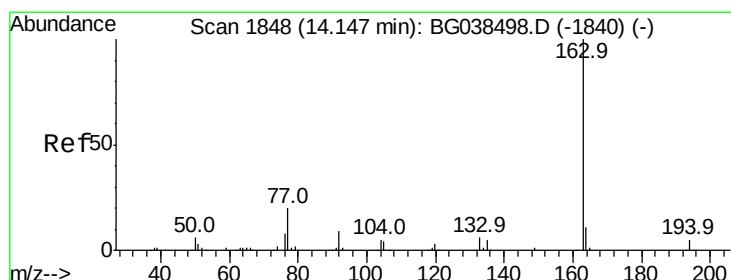
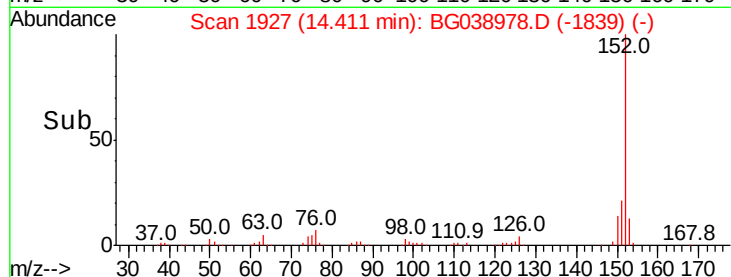
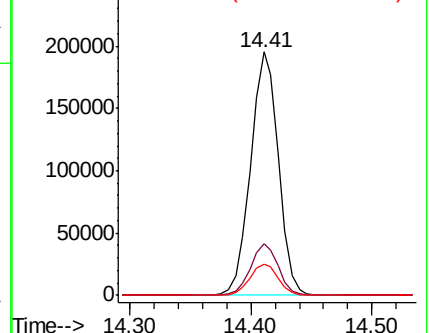
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.260 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

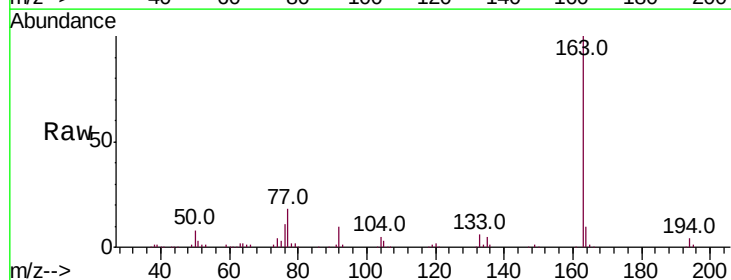
Tgt Ion:163 Resp: 248888

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

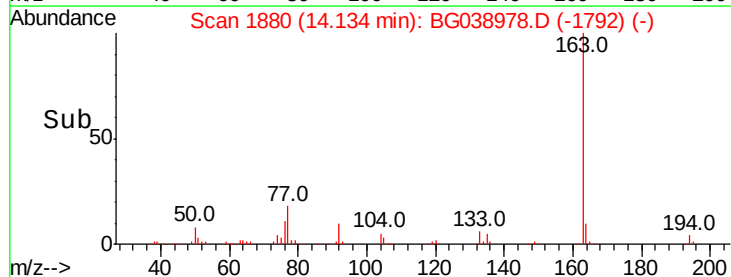
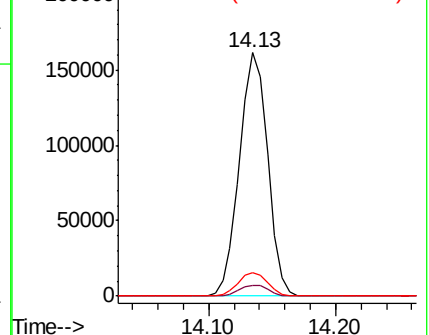
164 9.9 8.6 12.8

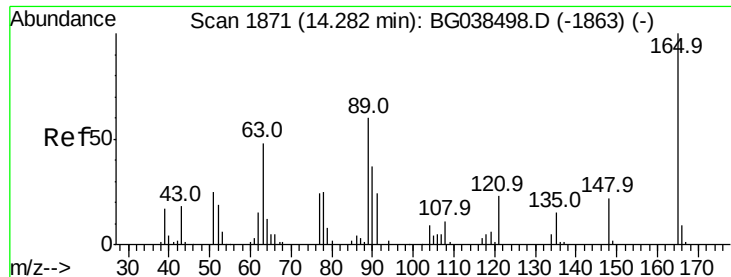


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

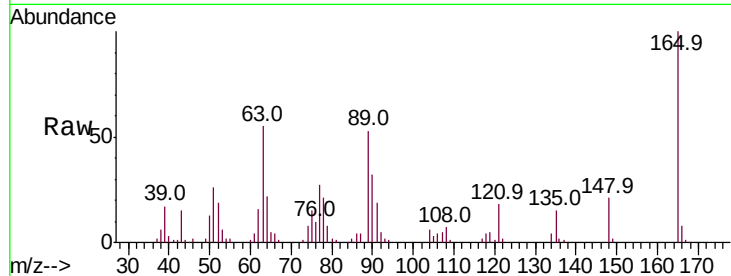




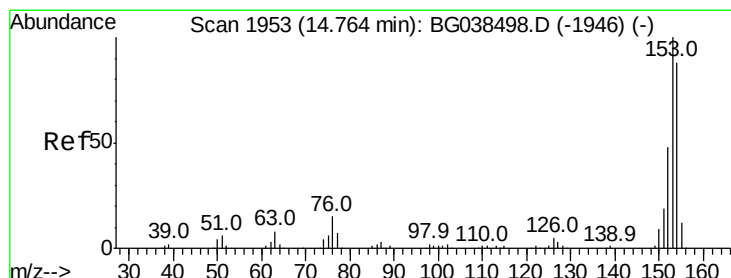
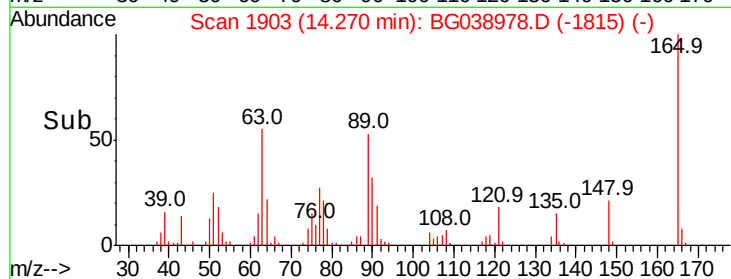
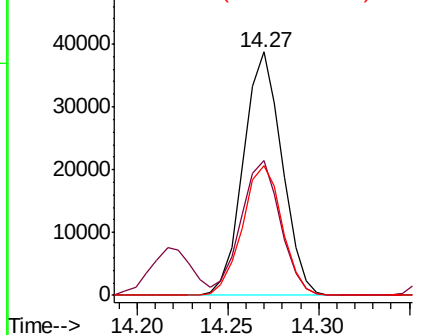
#51
 2,6-Dinitrotoluene
 Concen: 39.877 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 57289
 Ion Ratio Lower Upper
 165 100
 63 55.3 51.8 77.6
 89 53.2 47.9 71.9

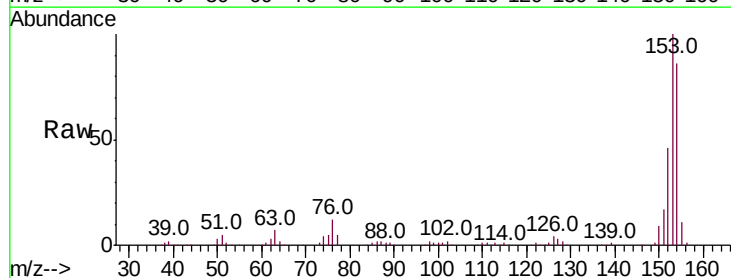


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

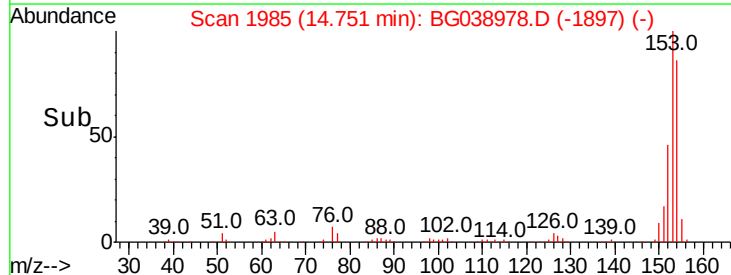
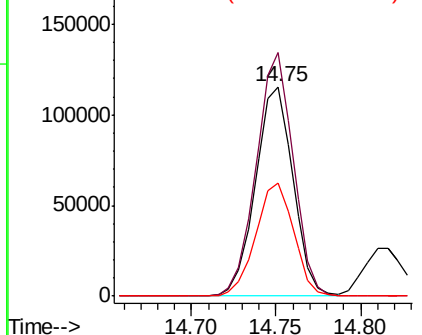


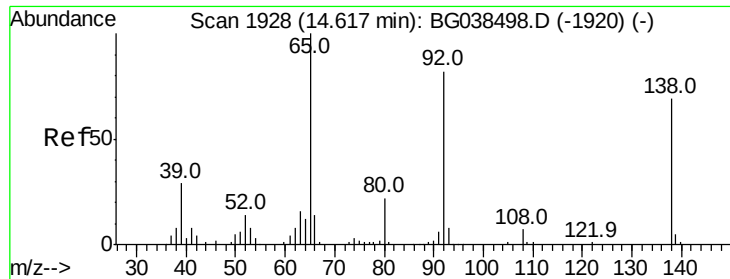
#52
 Acenaphthene
 Concen: 39.640 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion:154 Resp: 178132
 Ion Ratio Lower Upper
 154 100
 153 116.1 90.6 136.0
 152 53.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

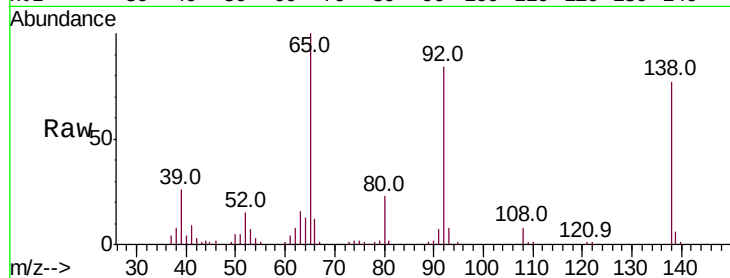




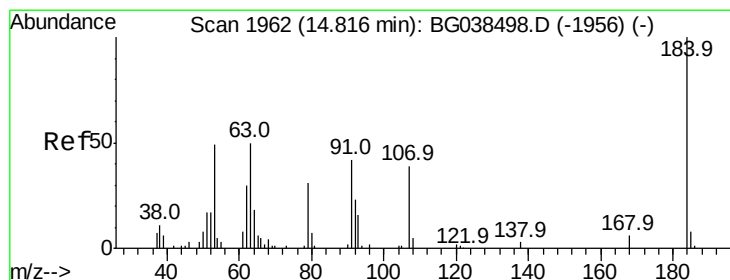
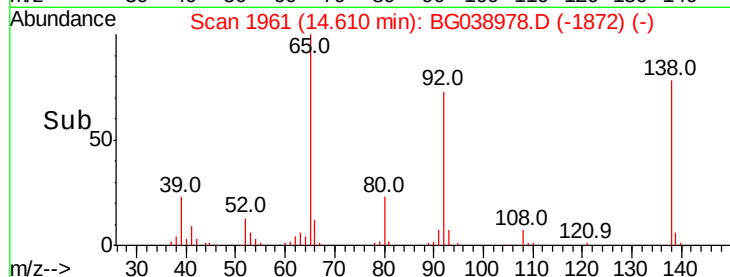
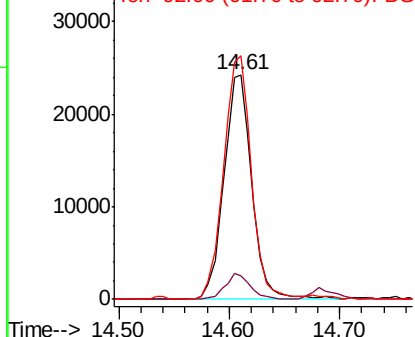
#53
3-Nitroaniline
Concen: 29.229 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 42805
Ion Ratio Lower Upper
138 100
108 10.4 7.9 11.9
92 108.4 95.3 142.9

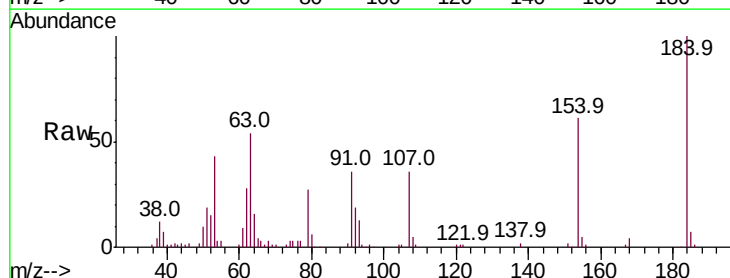


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

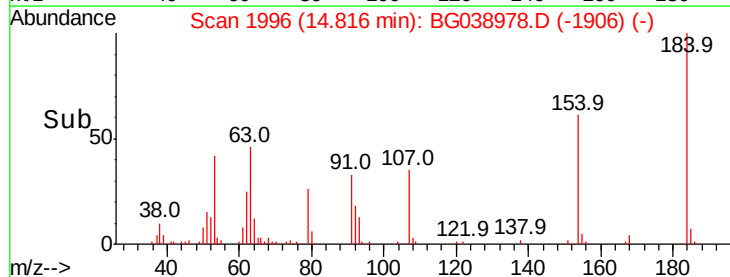
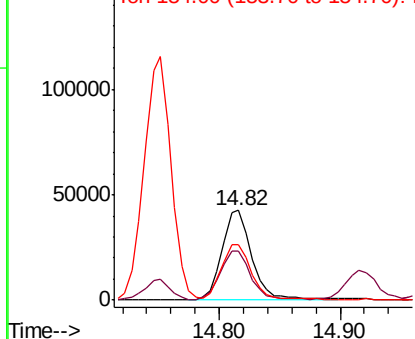


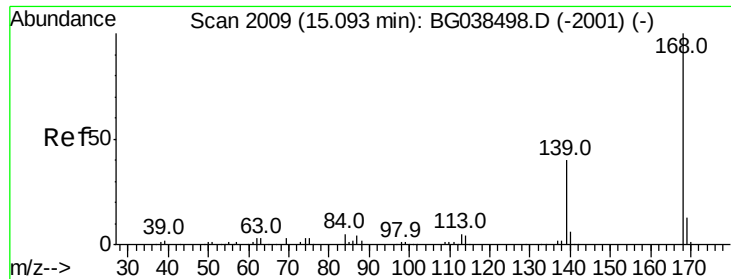
#54
2,4-Dinitrophenol
Concen: 84.988 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:184 Resp: 72943
Ion Ratio Lower Upper
184 100
63 54.4 47.0 70.6
154 61.3 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

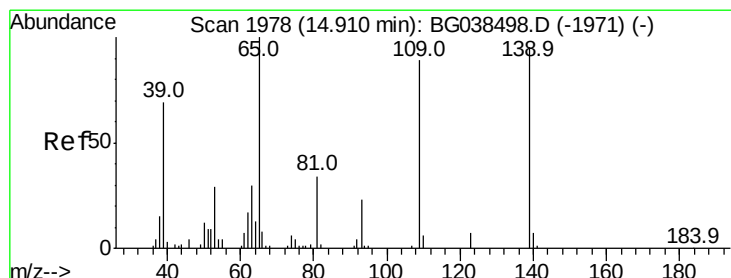
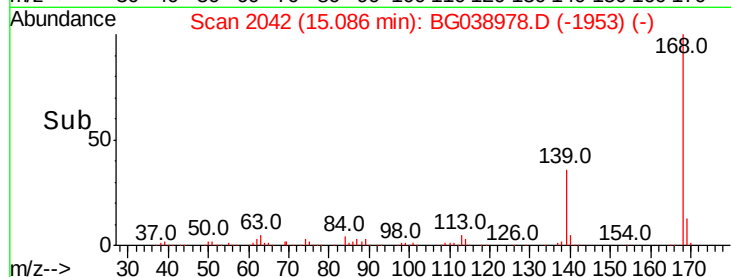
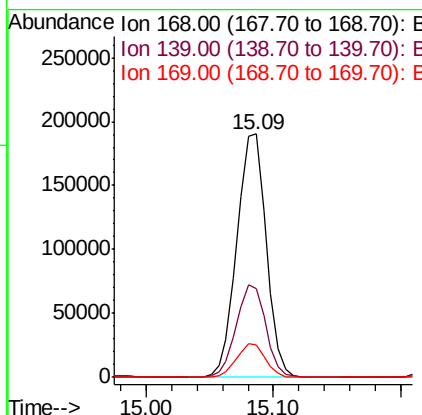
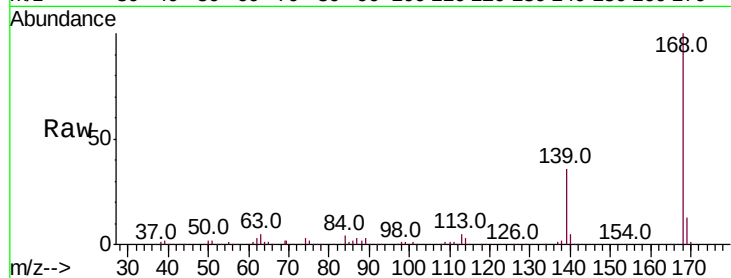




#55
Dibenzo-furan
Concen: 39.648 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

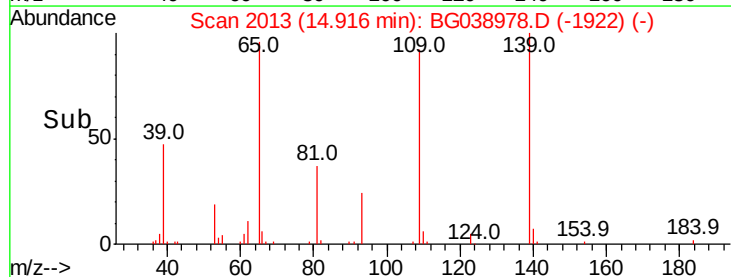
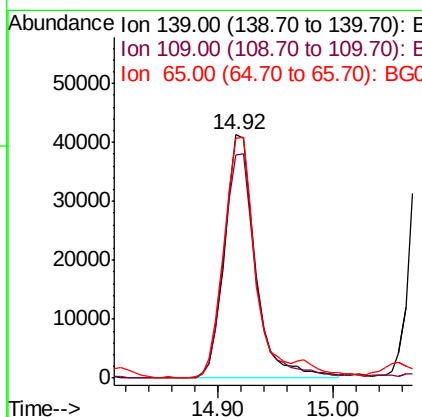
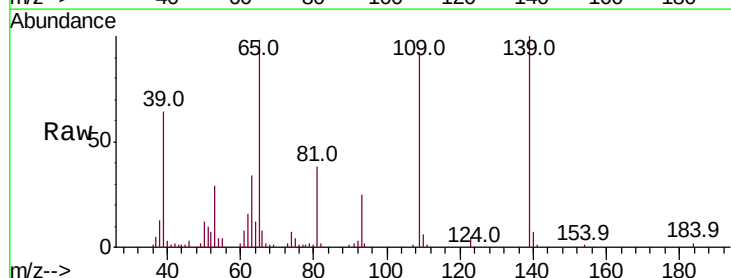
Instrument :
BNA_G
ClientSampleId :

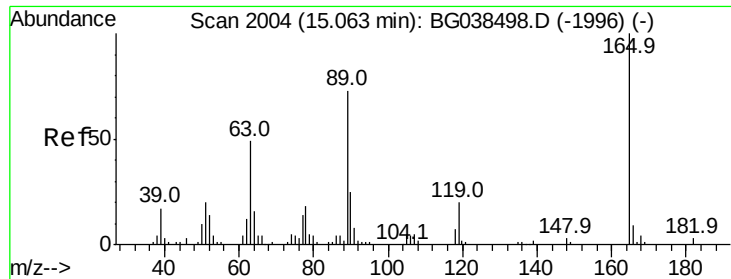
Tot Ion:168 Resp: 305405
Ion Ratio Lower Upper
168 100
139 36.5 32.2 48.2
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 69.025 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:139 Resp: 76686
Ion Ratio Lower Upper
139 100
109 91.7 73.6 113.6
65 98.3 84.8 124.8

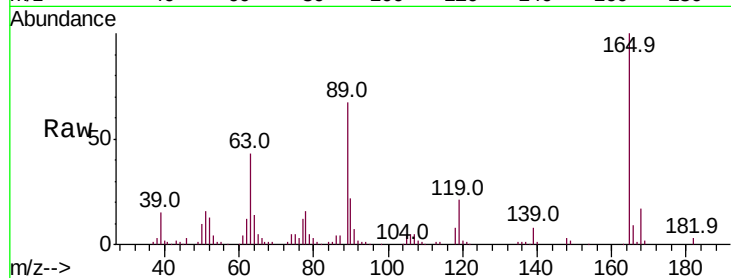




#57
2,4-Dinitrotoluene
Concen: 39.723 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	39.0	58.4
89	67.5	58.0	87.0
182	3.2	2.3	3.5



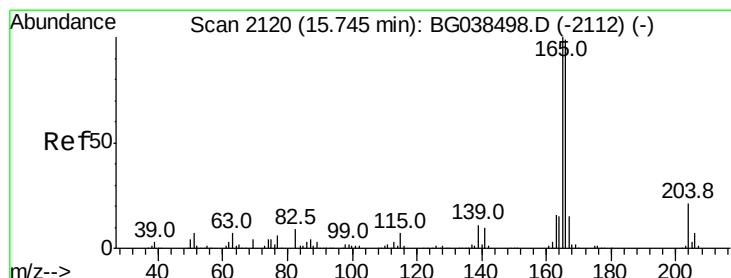
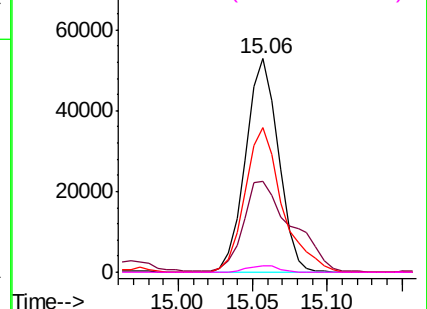
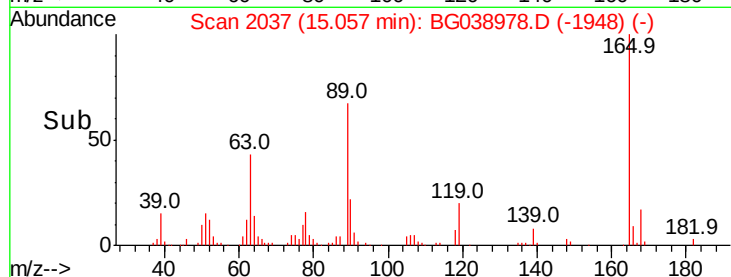
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

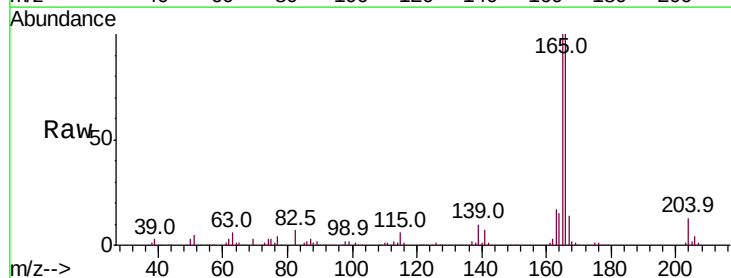
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.699 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.6	120.8
167	13.6	12.0	18.0

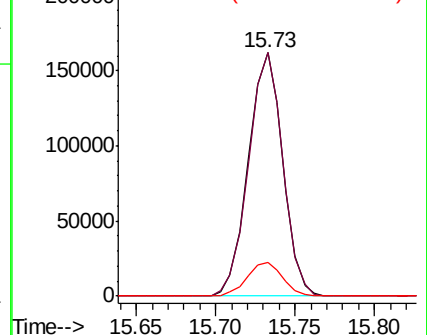
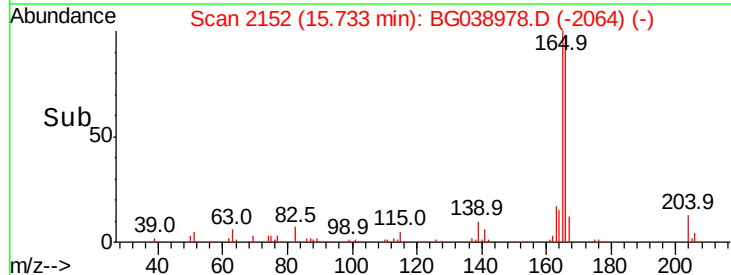


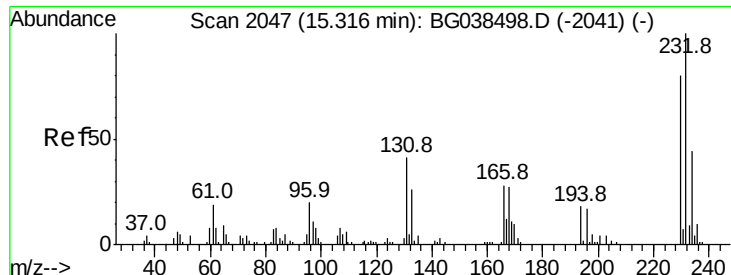
Abundance

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

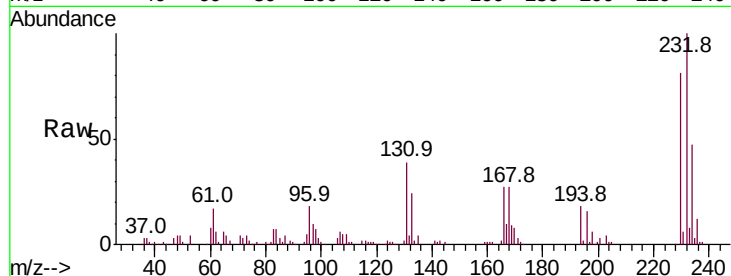




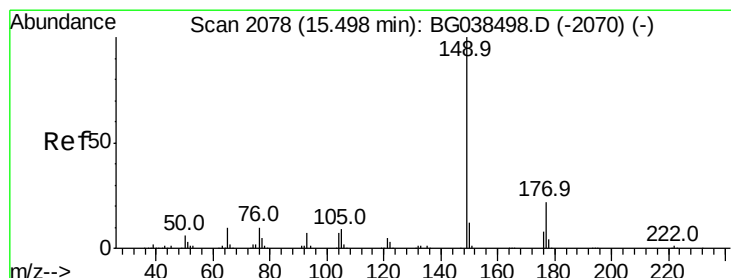
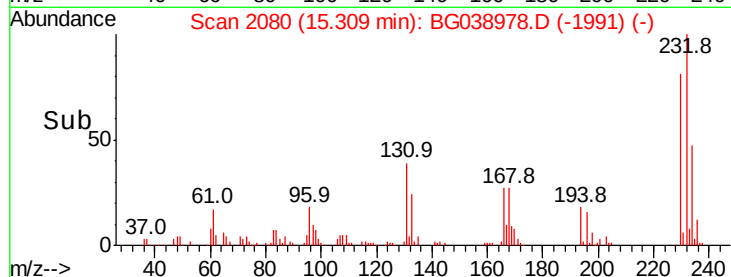
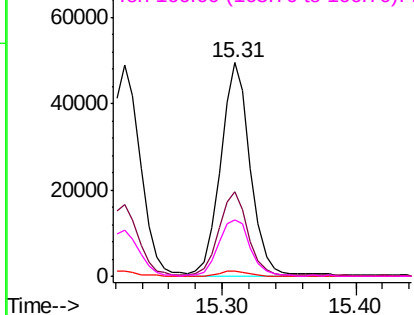
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.622 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	77537
Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.0	49.4
130	2.2	2.0	3.0
166	28.3	23.1	34.7

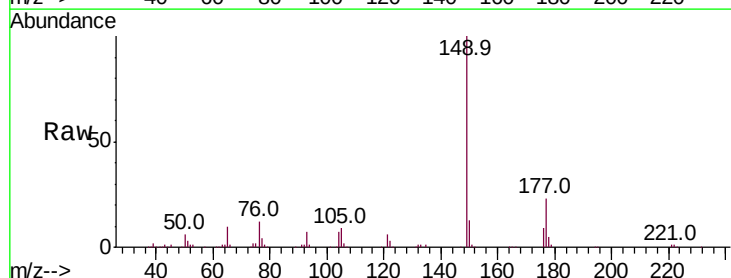


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

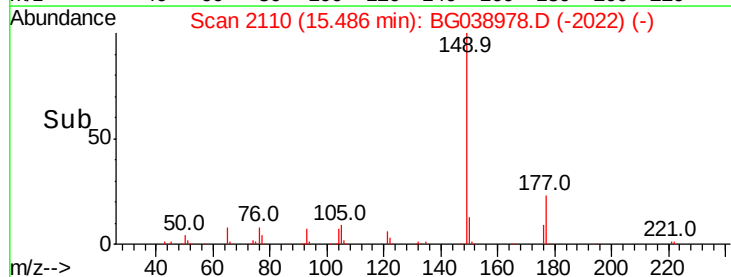
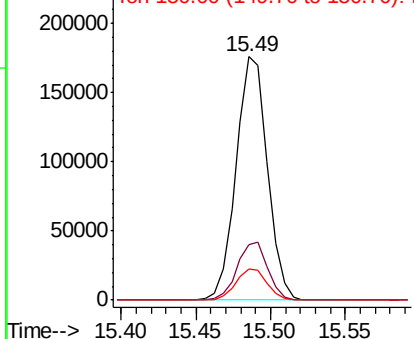


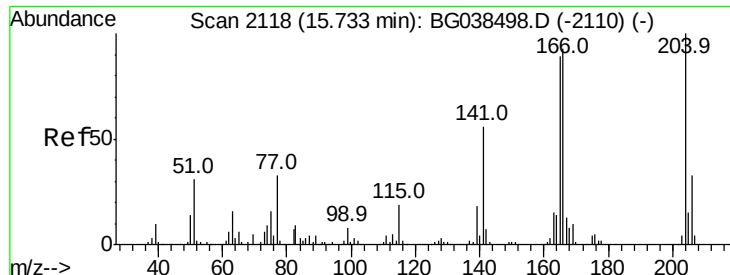
#60
 Diethylphthalate
 Concen: 36.737 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion:	149	Resp:	255662
Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.7	26.5
150	12.9	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

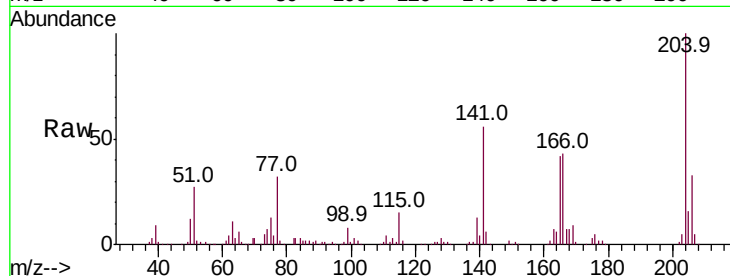




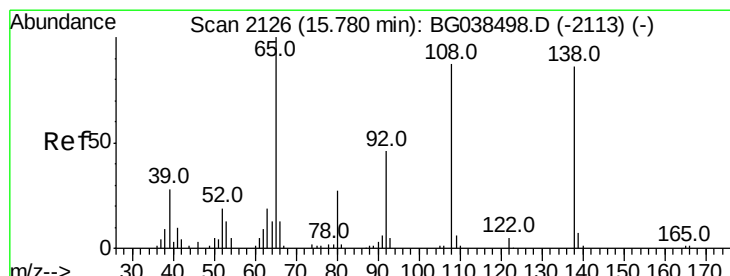
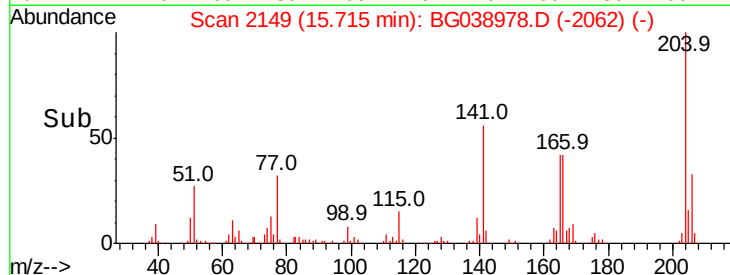
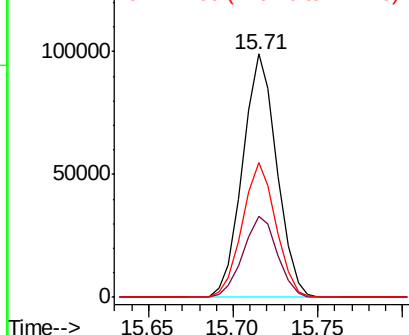
#61
 4-Chlorophenyl-phenylether
 Concen: 39.174 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.0	39.0
141	55.6	44.4	66.6

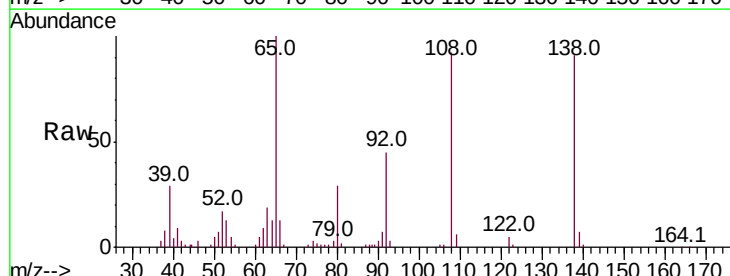


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

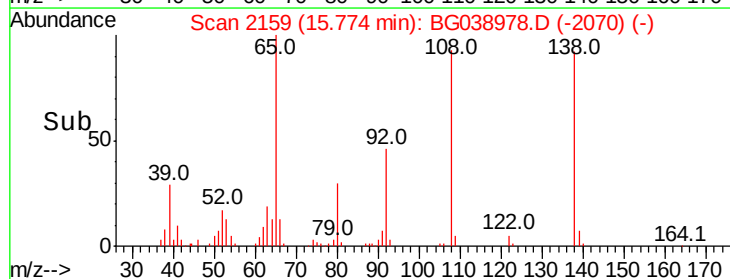
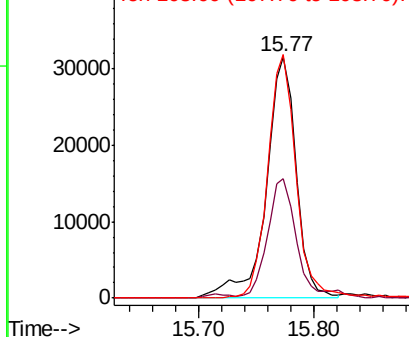


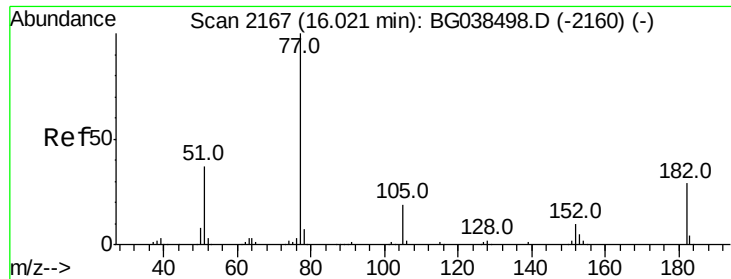
#62
 4-Nitroaniline
 Concen: 38.036 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.3	73.3
108	100.9	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: 34.889 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 202834

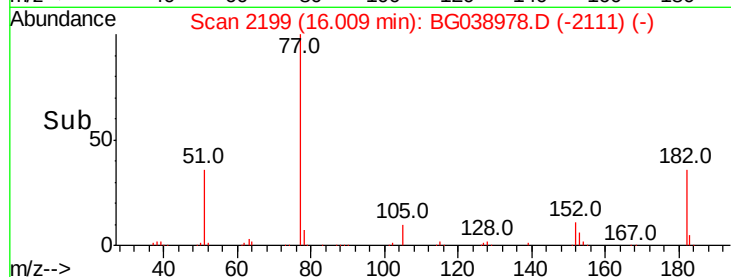
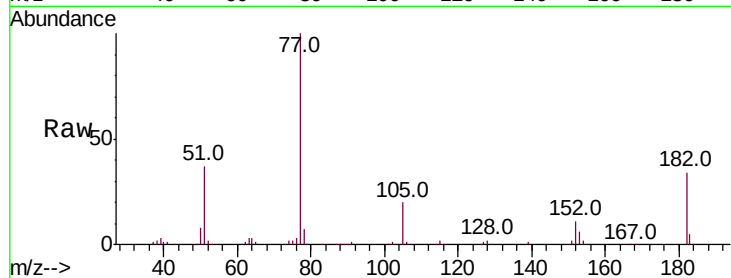
Ion Ratio Lower Upper

77 100

182 34.2 8.7 48.7

105 20.1 0.0 38.7

51 37.1 16.6 56.6

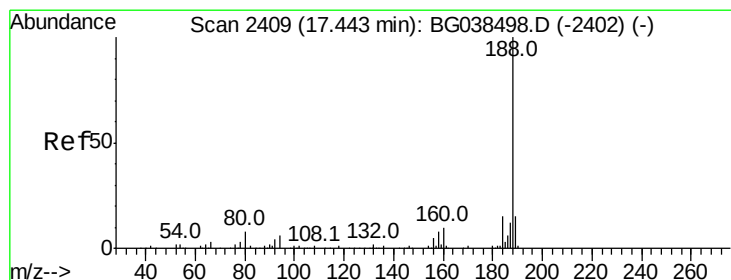
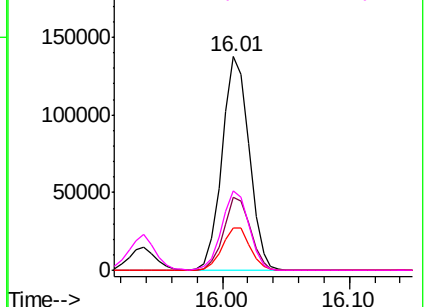


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

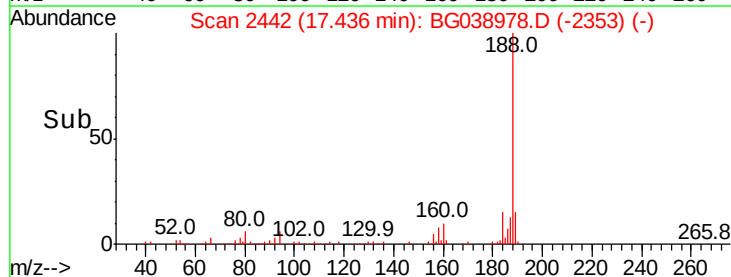
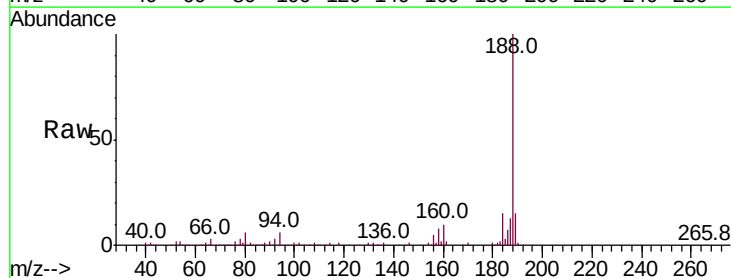
Tgt Ion: 188 Resp: 185160

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

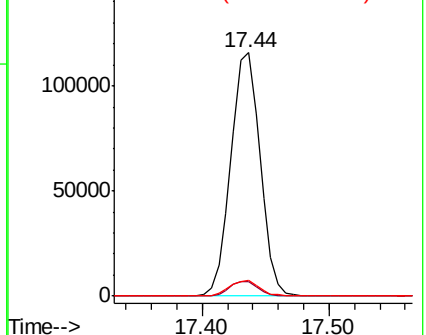
80 6.4 6.1 9.1

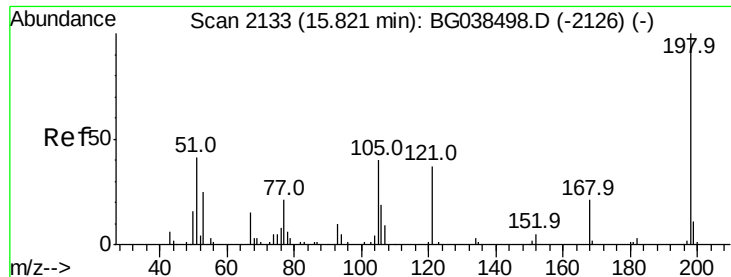


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.352 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampled :

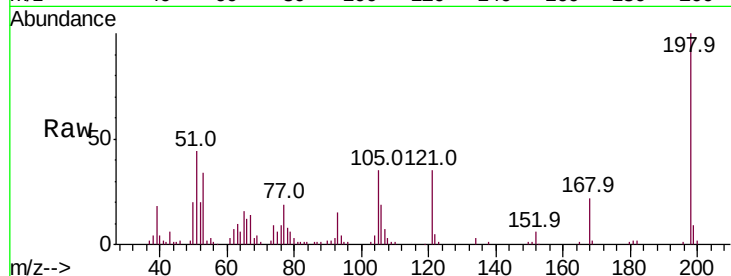
Tot Ion:198 Resp: 53299

Ion Ratio Lower Upper

198 100

51 43.6 28.6 68.6

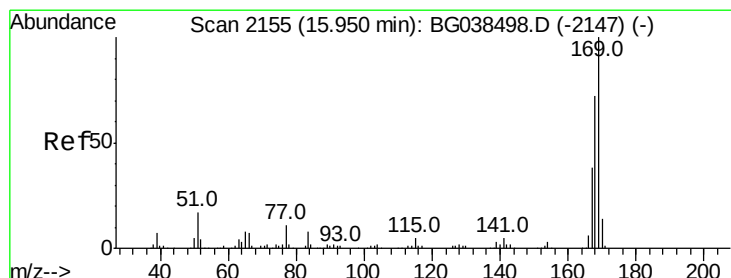
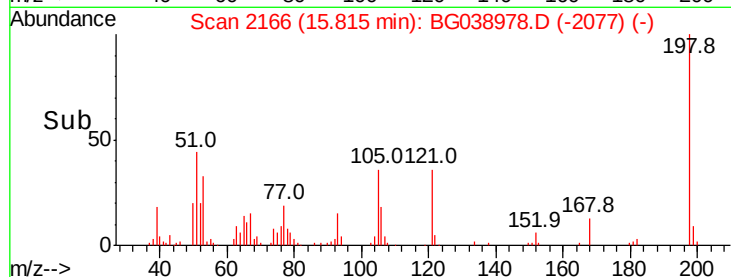
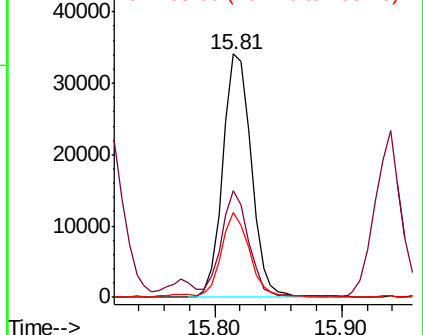
105 34.9 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.256 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

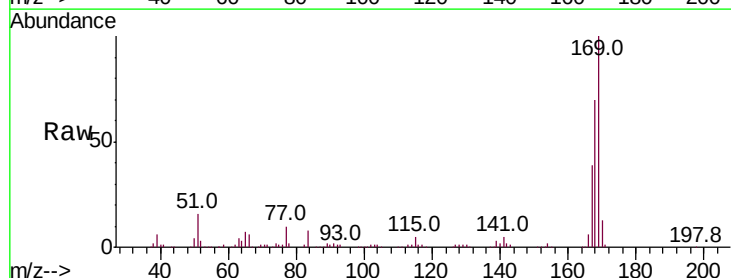
Tgt Ion:169 Resp: 224452

Ion Ratio Lower Upper

169 100

168 70.4 57.5 86.3

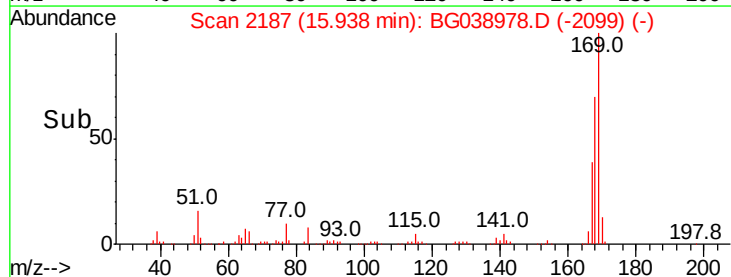
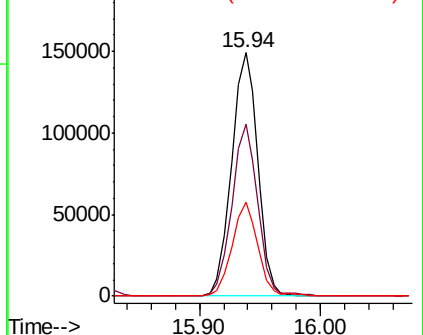
167 38.6 30.2 45.2

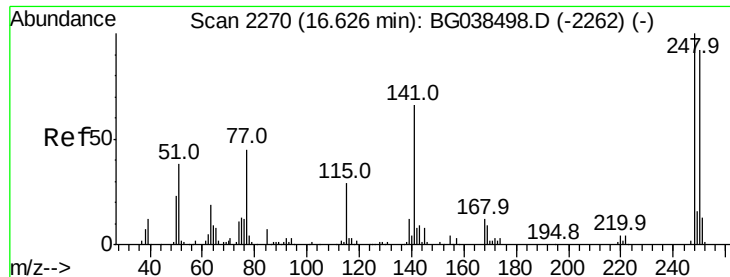


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

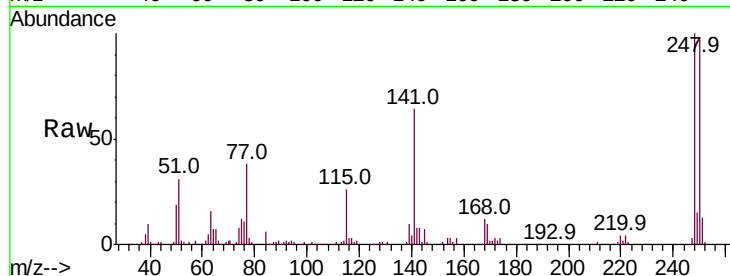




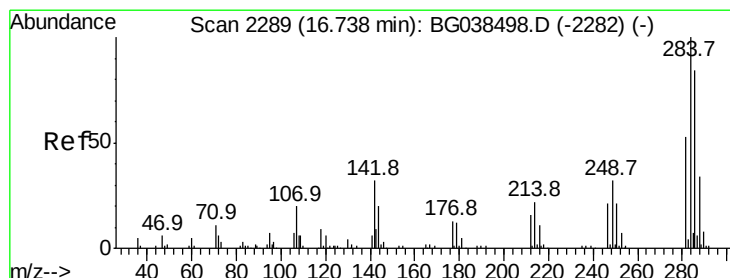
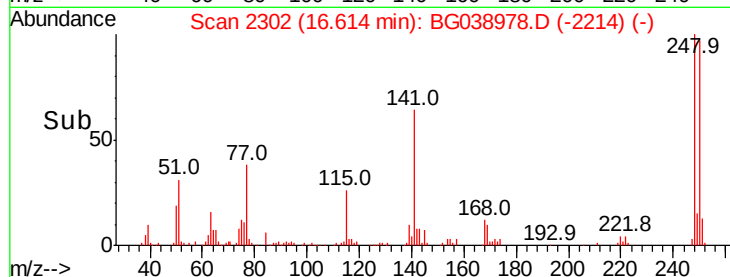
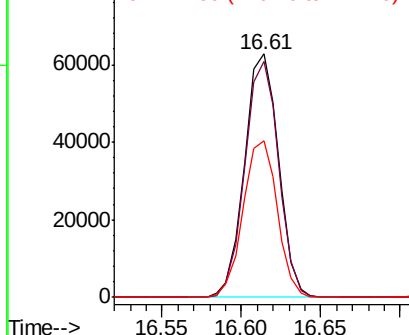
#67
 4-Bromophenyl-phenylether
 Concen: 41.483 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 93808
 Ion Ratio Lower Upper
 248 100
 250 96.7 73.4 110.2
 141 64.3 52.9 79.3

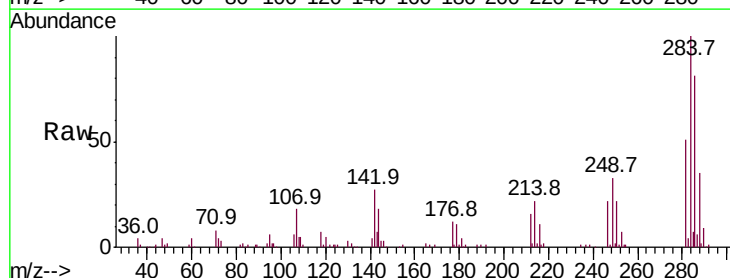


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

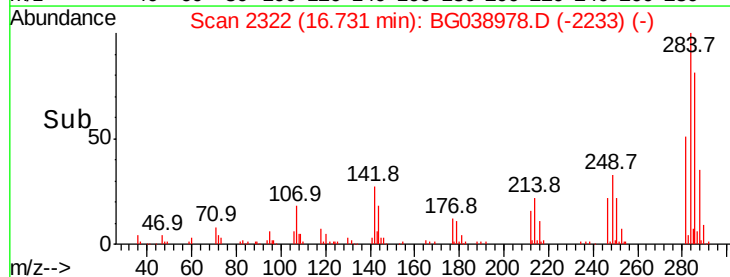
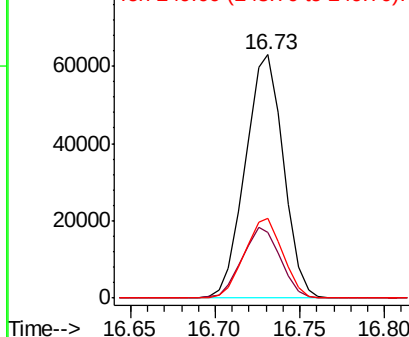


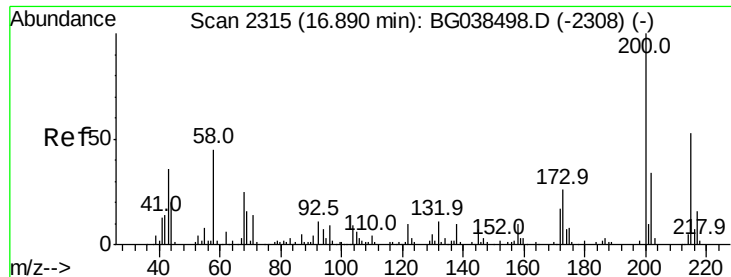
#68
 Hexachlorobenzene
 Concen: 41.918 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion:284 Resp: 98262
 Ion Ratio Lower Upper
 284 100
 142 26.9 25.8 38.6
 249 35.0 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: 44.622 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

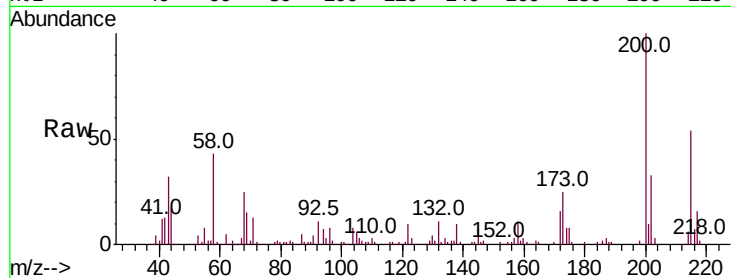
Tot Ion:200 Resp: 90091

Ion Ratio Lower Upper

200 100

173 24.5 5.9 45.9

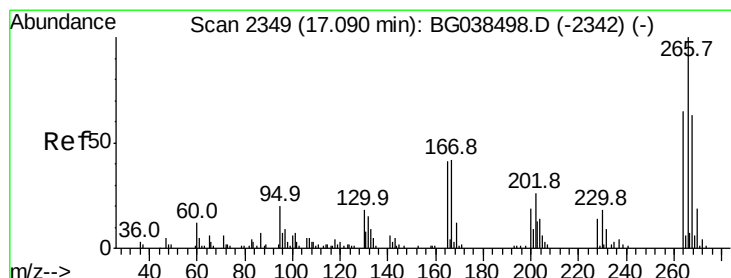
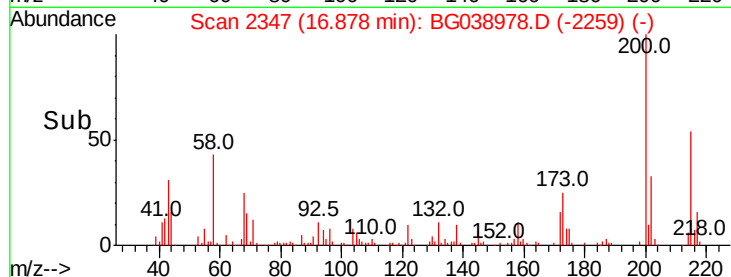
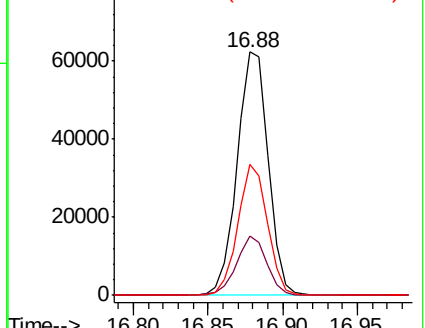
215 53.7 33.1 73.1



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: 79.645 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

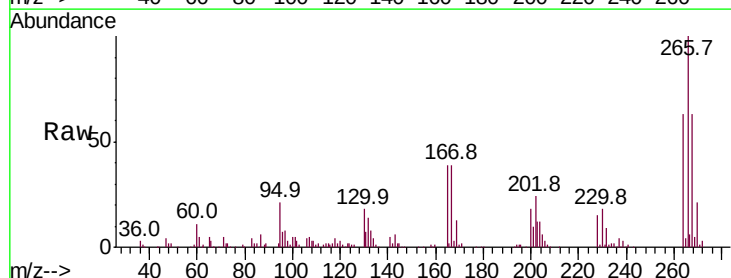
Tgt Ion:266 Resp: 110429

Ion Ratio Lower Upper

266 100

268 63.2 55.0 82.6

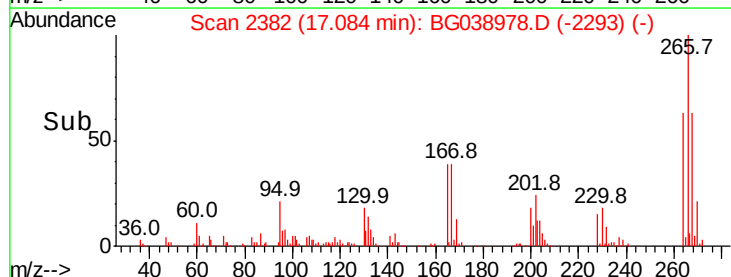
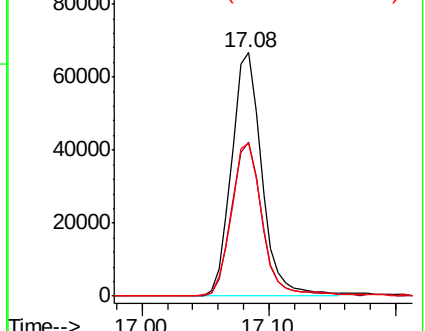
264 66.9 56.7 85.1

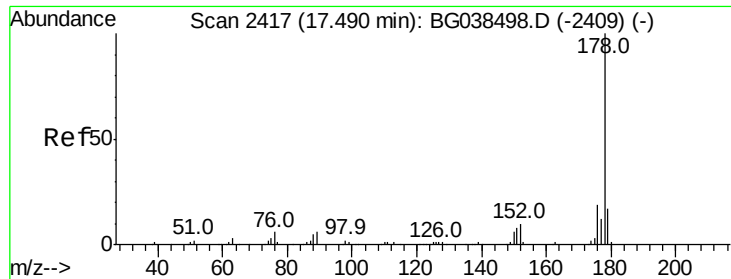


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

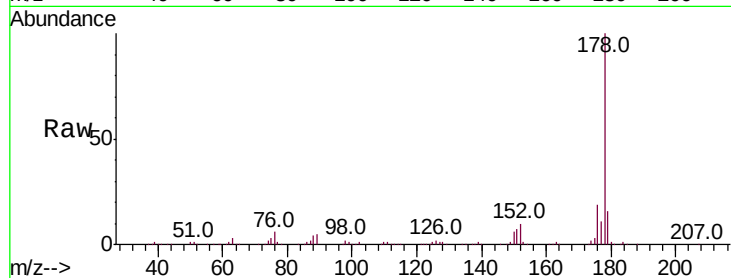




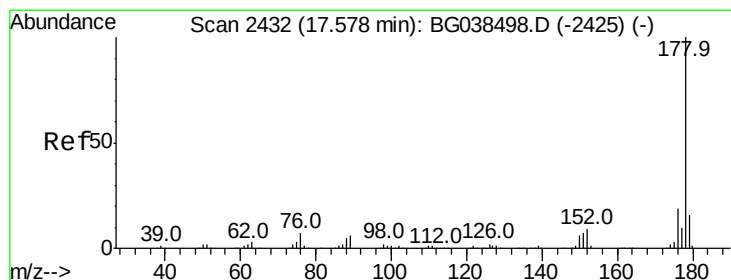
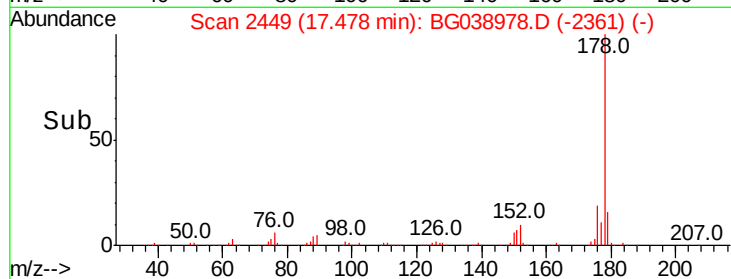
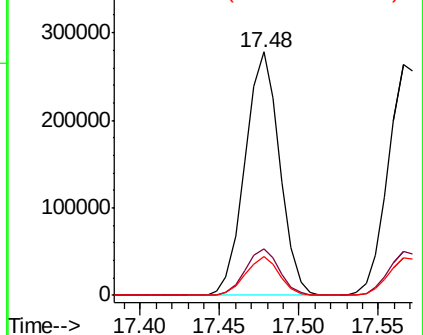
#71
Phenanthrene
Concen: 43.818 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 420727
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 16.1 13.2 19.8

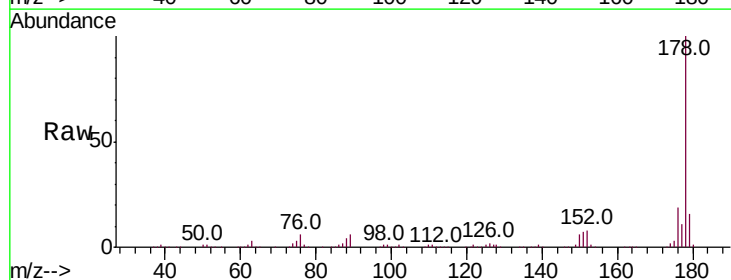


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

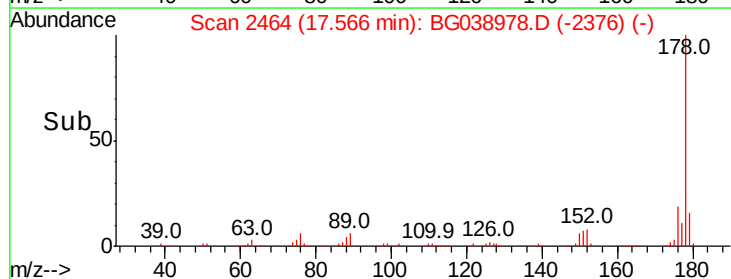
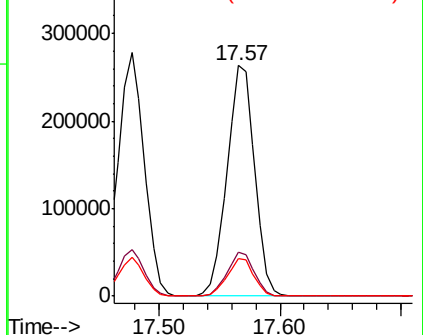


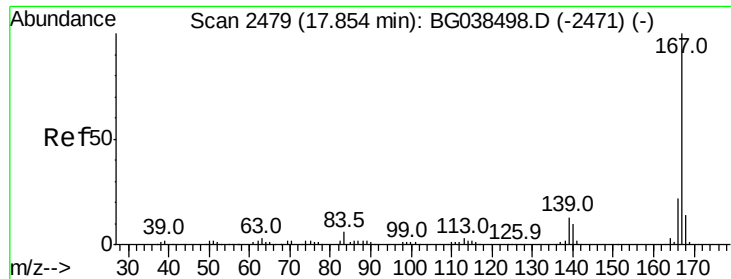
#72
Anthracene
Concen: 44.011 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion:178 Resp: 417176
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.2 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

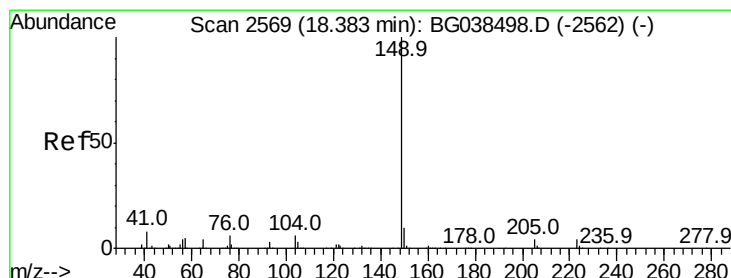
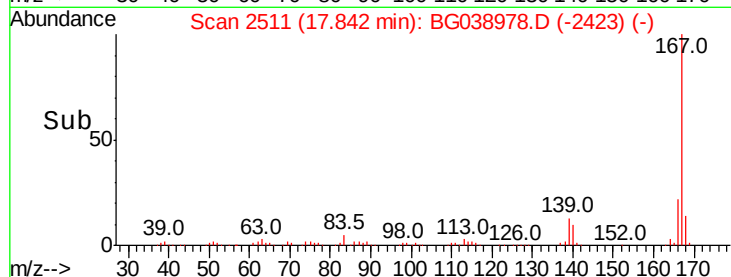
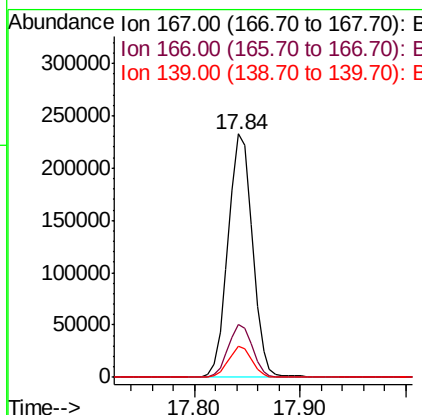
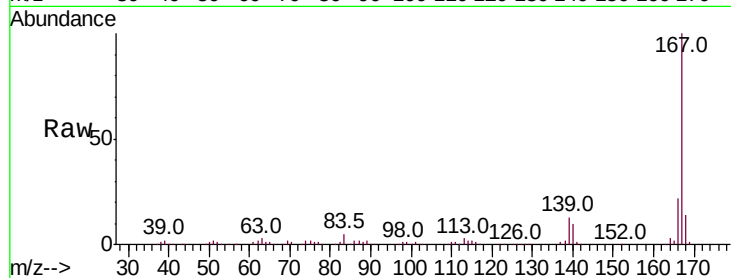




#73
 Carbazole
 Concen: 39.659 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

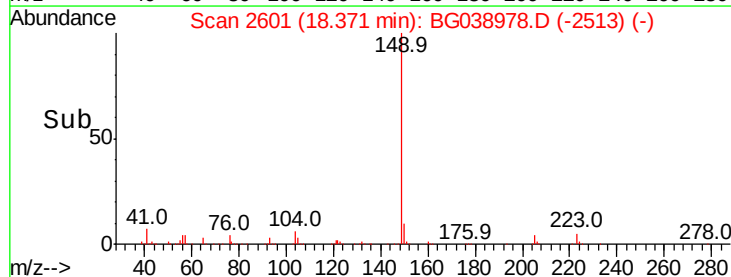
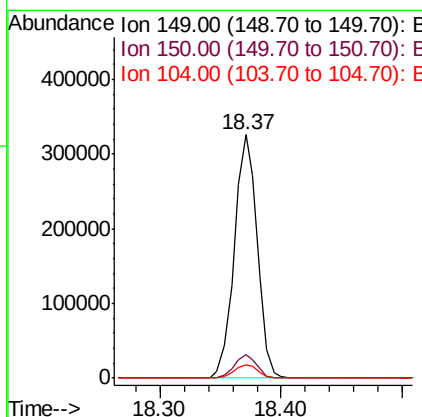
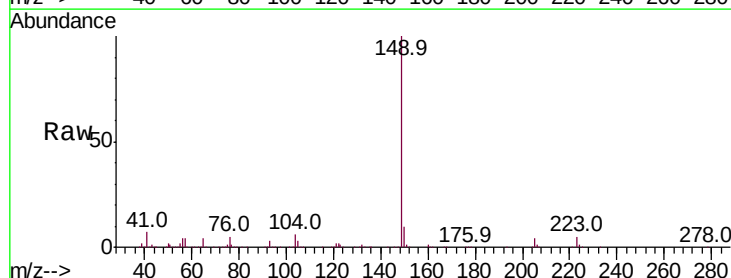
Instrument :
 BNA_G
 ClientSampleId :

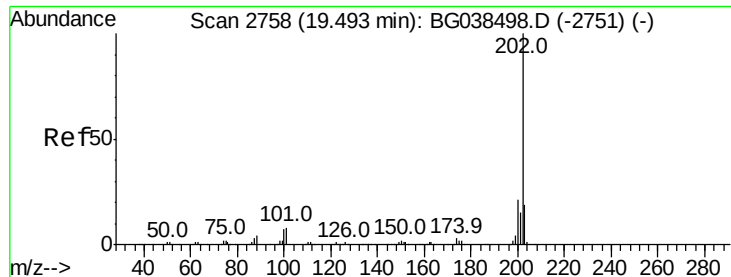
Tot Ion:167 Resp: 371784
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.9 26.9
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 39.922 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion:149 Resp: 429435
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.5 5.0 7.4





#75

Fluoranthene

Concen: 41.910 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampled :

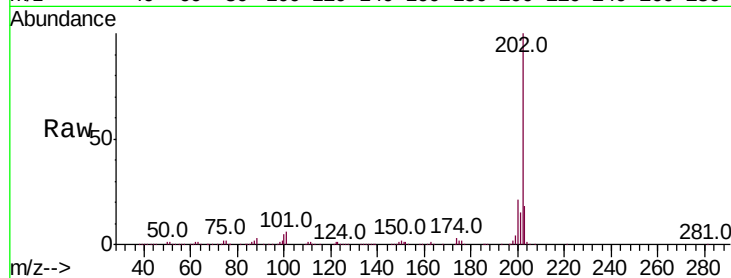
Tot Ion:202 Resp: 497897

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.1

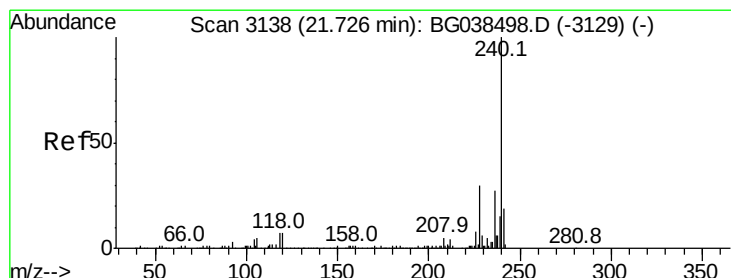
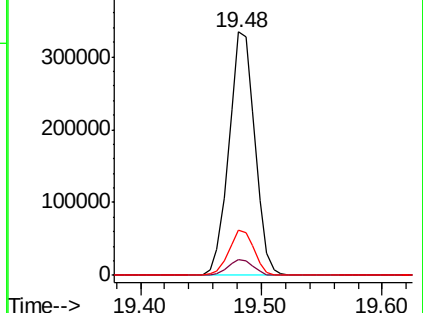
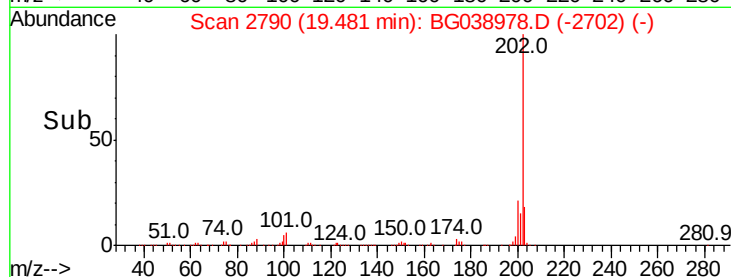
203 18.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

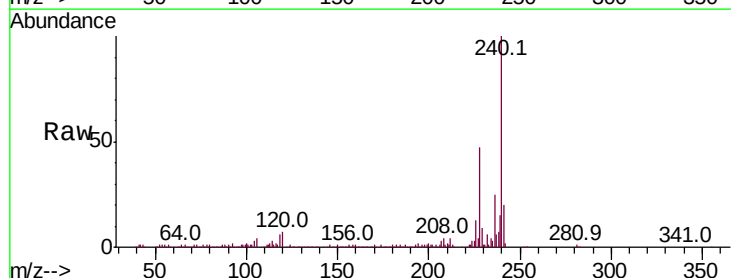
Tgt Ion:240 Resp: 183798

Ion Ratio Lower Upper

240 100

120 6.8 5.3 7.9

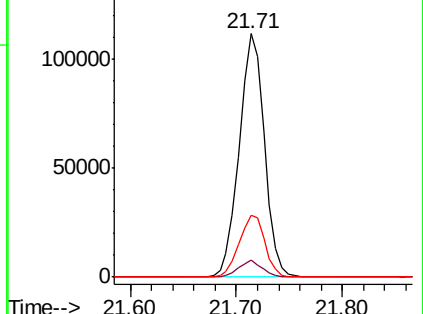
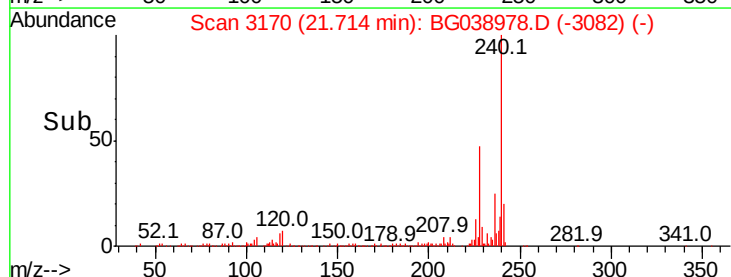
236 25.4 21.4 32.2

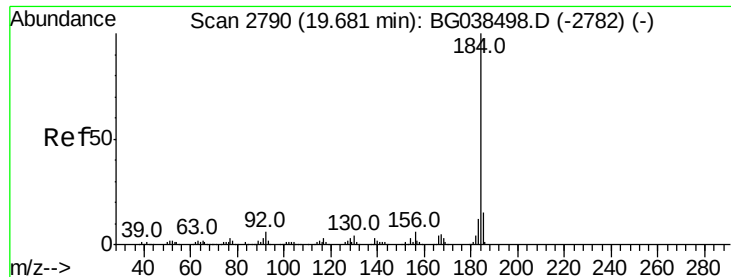


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.173 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

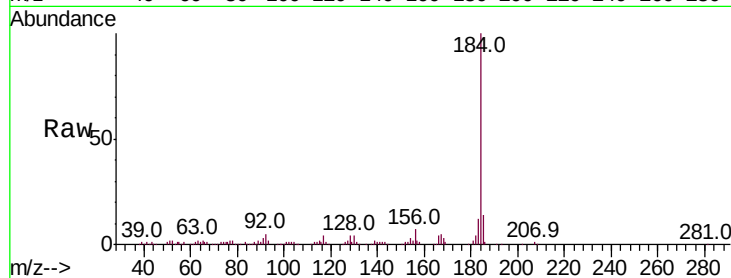
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 142267

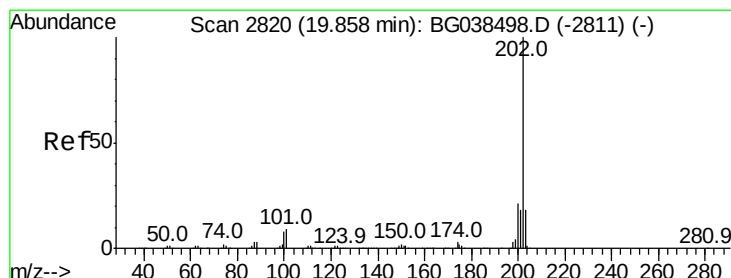
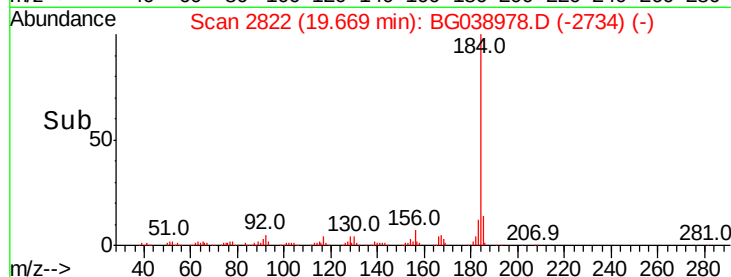
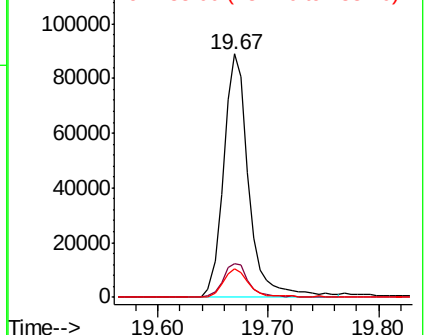
Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.2	18.2
183	11.7	9.6	14.4



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: 41.577 ng

RT: 19.85 min Scan# 2852

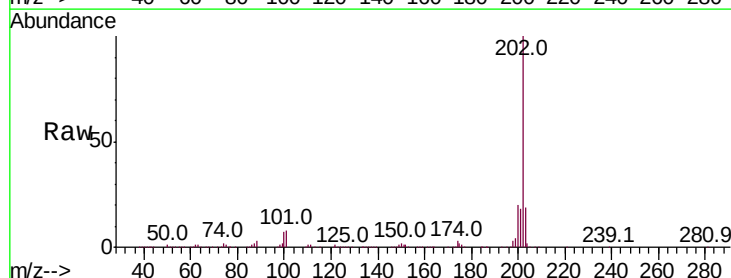
Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Tgt Ion:202 Resp: 504832

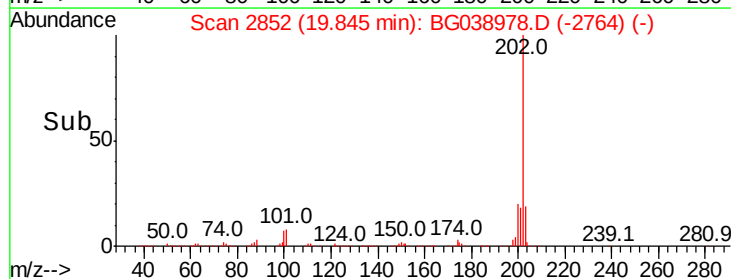
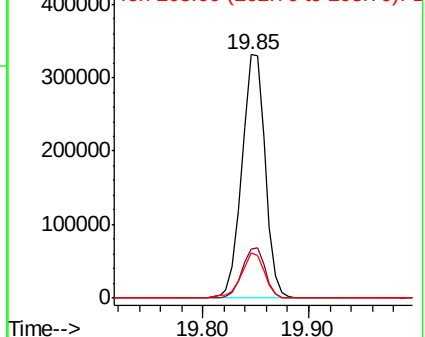
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	18.6	14.6	21.8

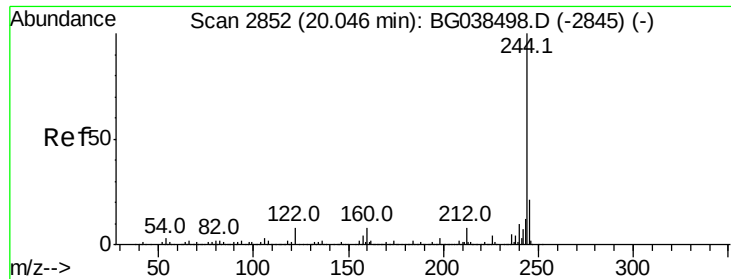


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.229 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

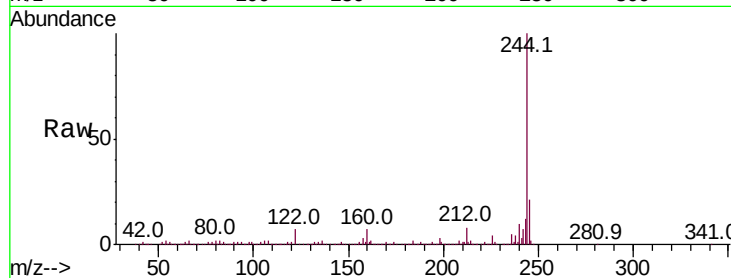
Tot Ion:244 Resp: 762014

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

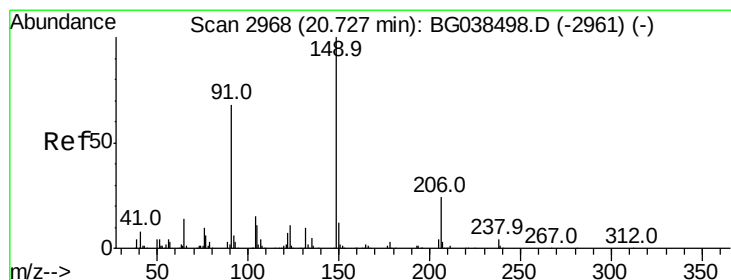
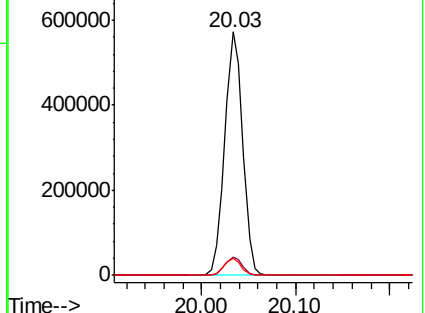
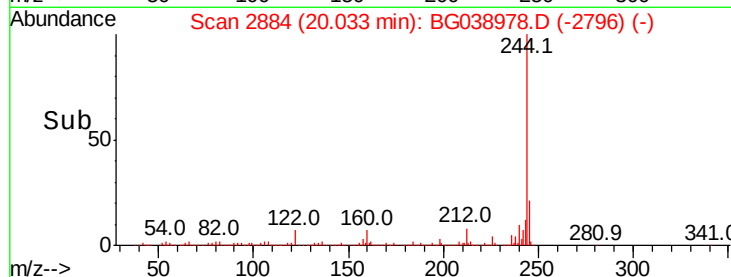
122 6.9 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.804 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

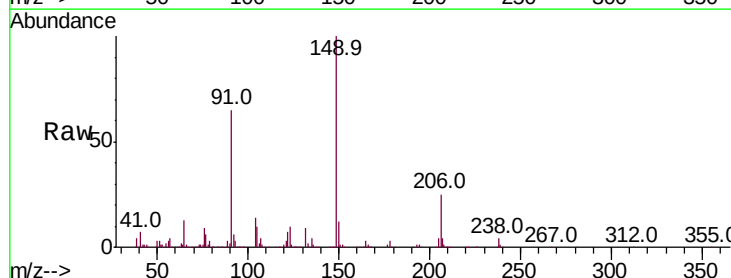
Tgt Ion:149 Resp: 193567

Ion Ratio Lower Upper

149 100

91 64.9 54.5 81.7

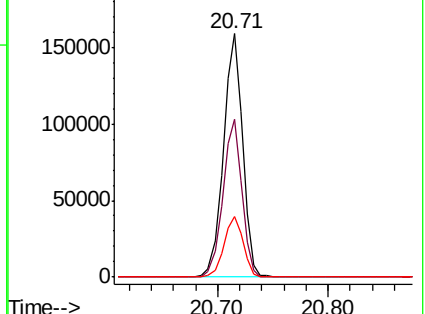
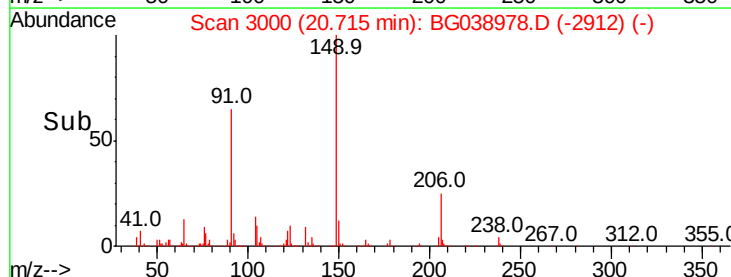
206 25.0 19.0 28.6

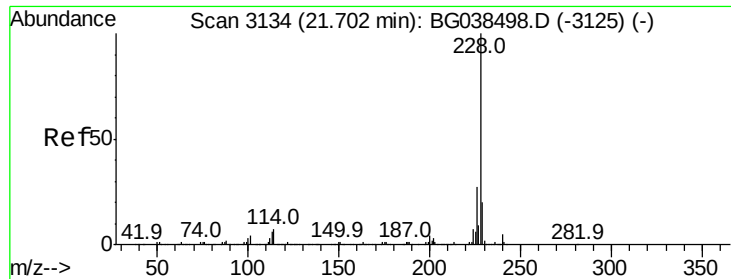


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.967 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

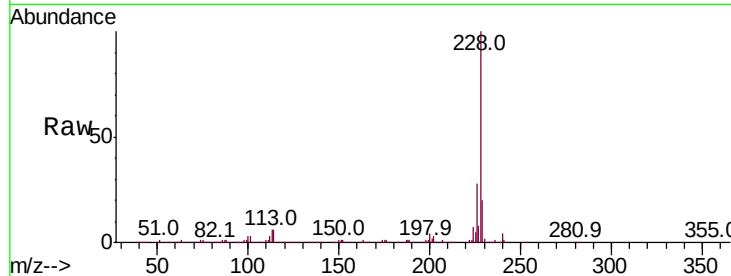
Tot Ion:228 Resp: 481214

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.7	15.8	23.6

228 100

226 27.6 21.8 32.8

229 19.7 15.8 23.6

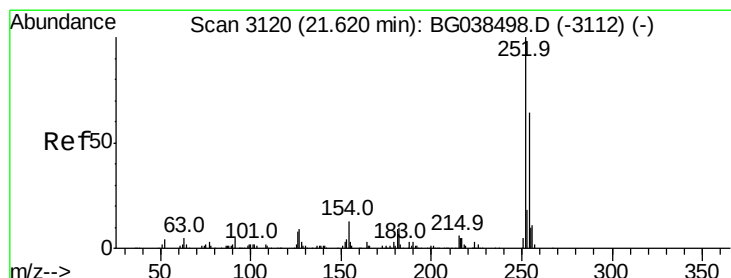
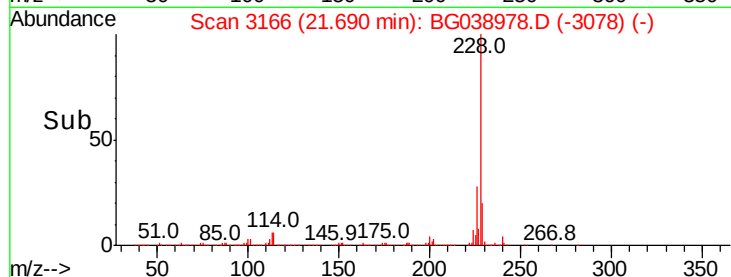
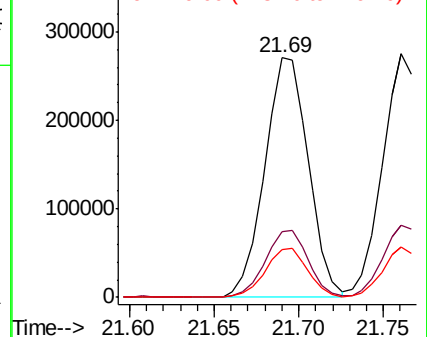


Abundance

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: 27.131 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

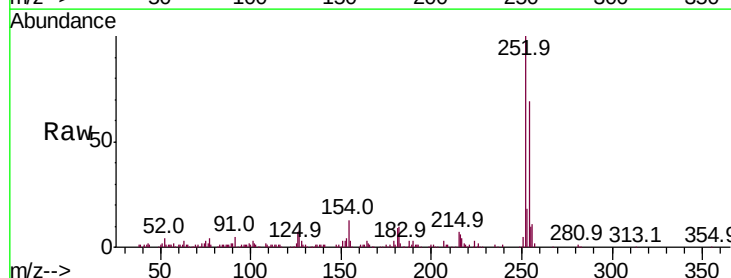
Tgt Ion:252 Resp: 120513

Ion	Ratio	Lower	Upper
252	100		
254	68.8	50.9	76.3
126	7.4	6.3	9.5

252 100

254 68.8 50.9 76.3

126 7.4 6.3 9.5

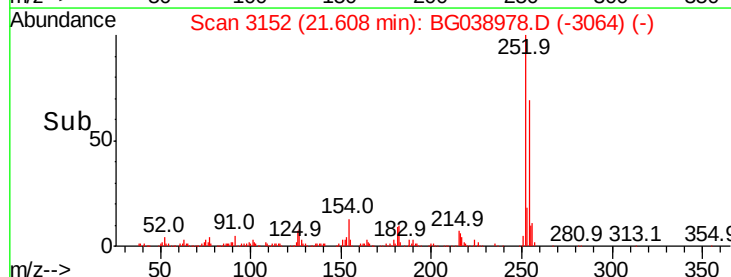
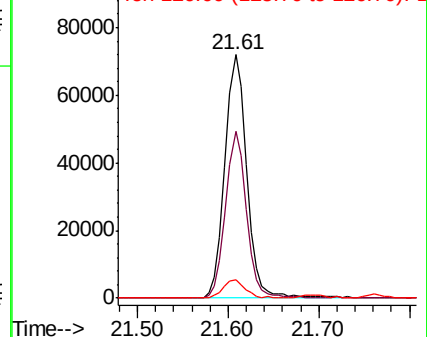


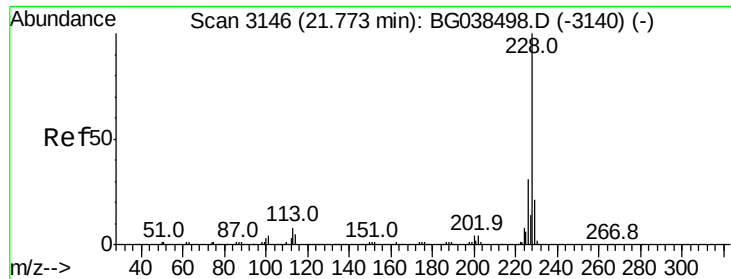
Abundance

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

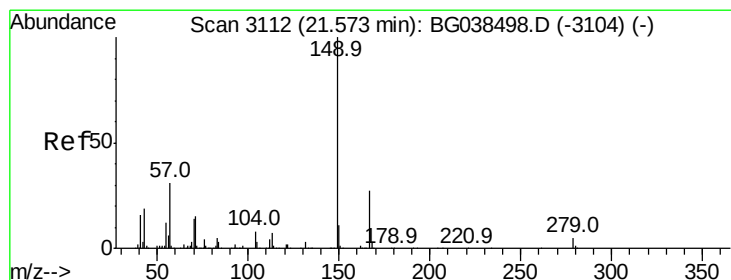
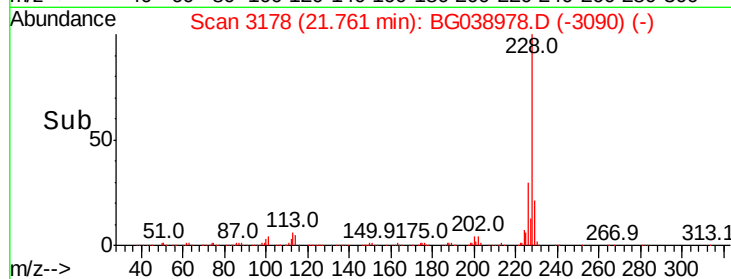
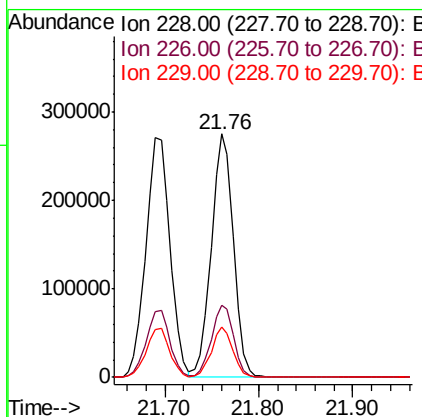
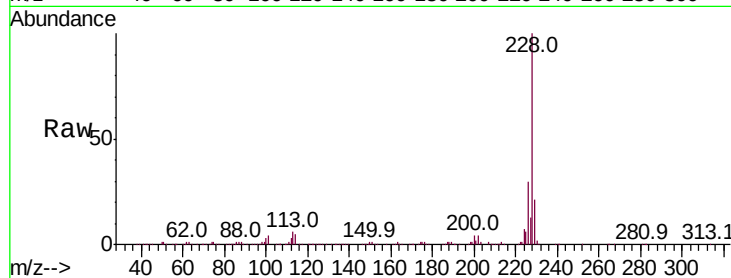




#83
 Chrysene
 Concen: 41.973 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

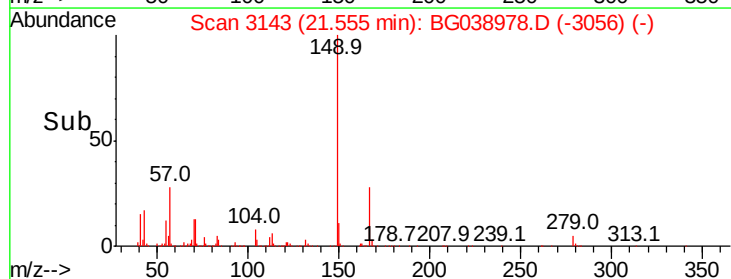
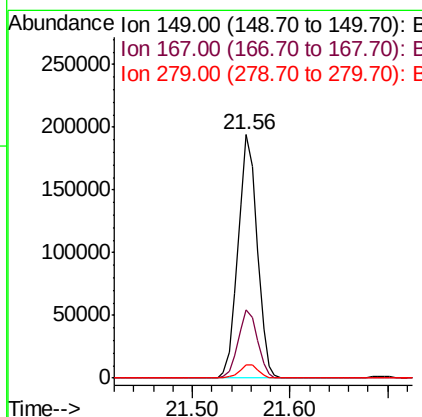
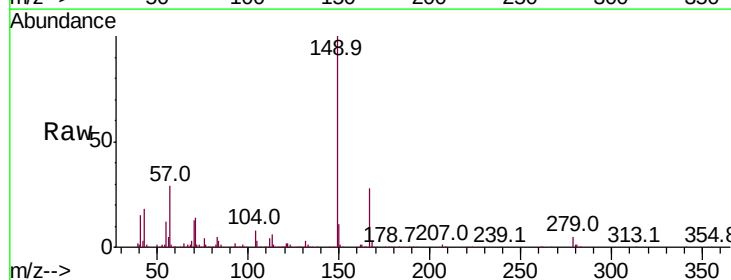
Instrument :
 BNA_G
 ClientSampleId :

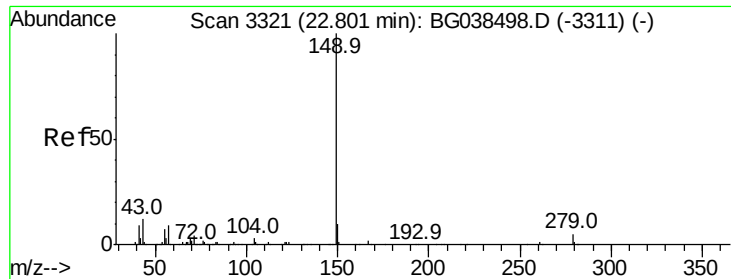
Tot Ion:228 Resp: 452785
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.0 37.4
 229 20.6 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.332 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038978.D
 Acq: 7 Jan 2019 22:27

Tgt Ion:149 Resp: 264624
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.9 32.9
 279 5.4 4.2 6.2

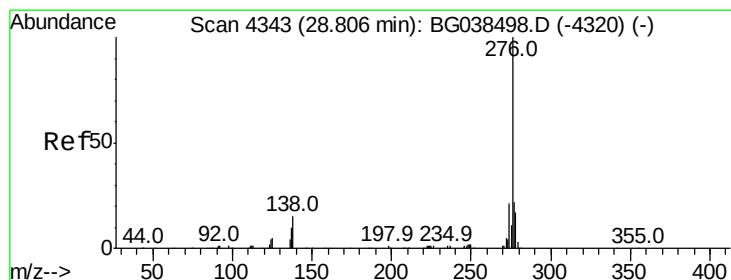
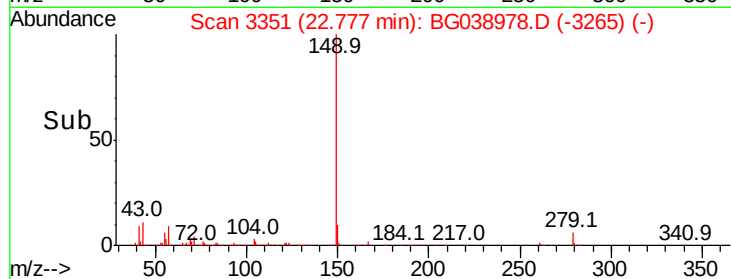
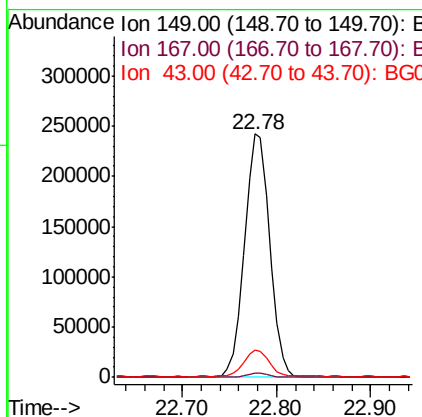
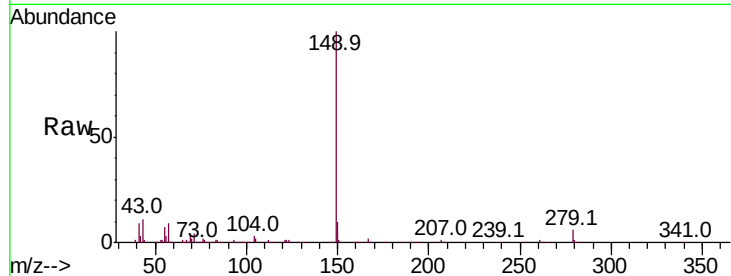




#85
Di-n-octyl phthalate
Concen: 39.801 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

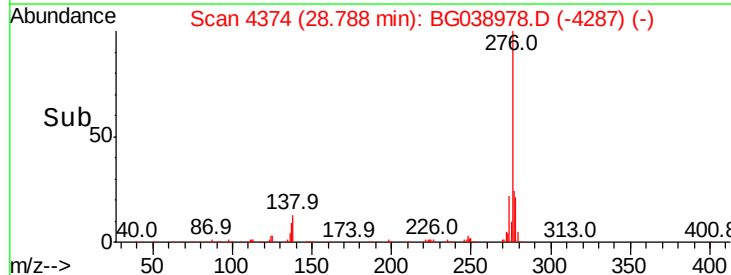
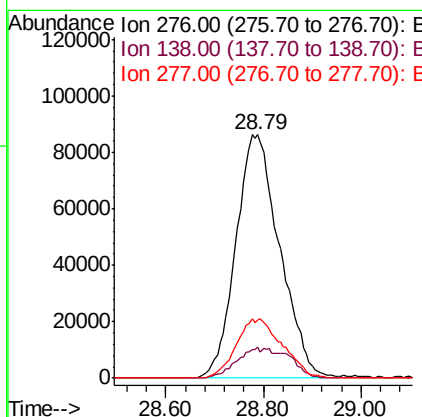
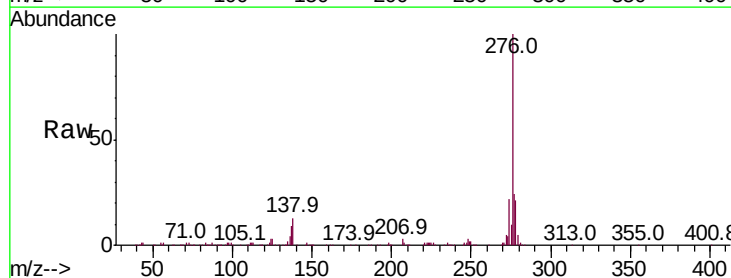
Instrument :
BNA_G
ClientSampleId :

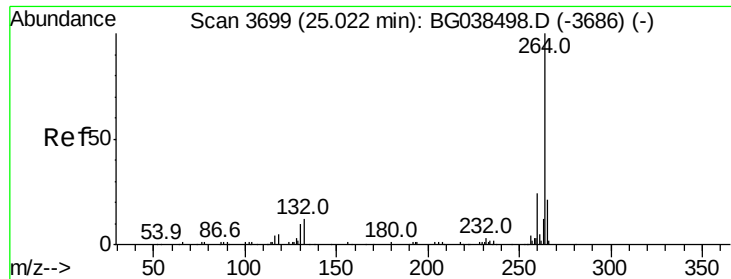
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.7	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.448 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG038978.D
Acq: 7 Jan 2019 22:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.8	14.4	21.6#
277	25.6	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

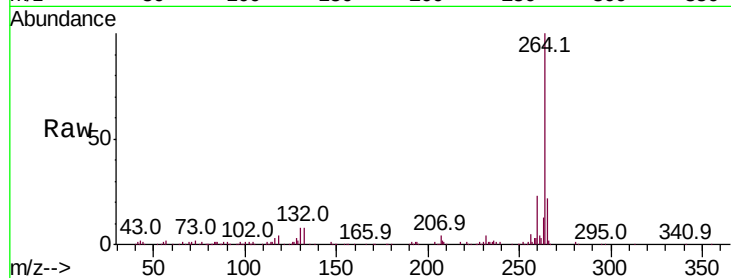
Tot Ion:264 Resp: 196494

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

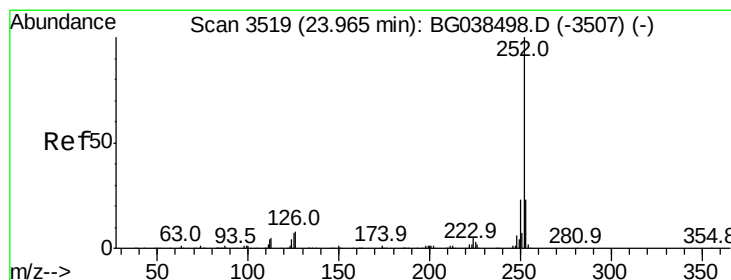
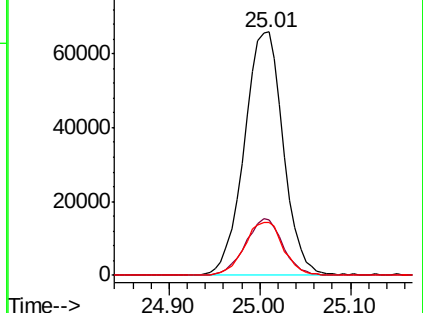
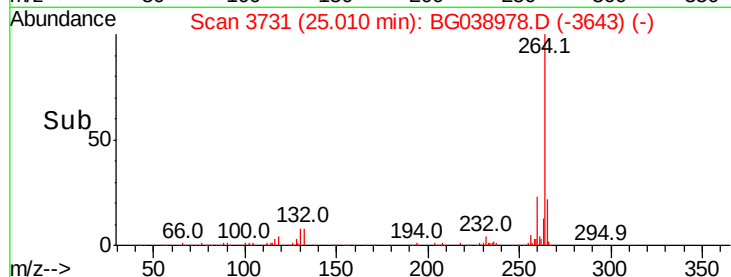
265 21.8 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.174 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

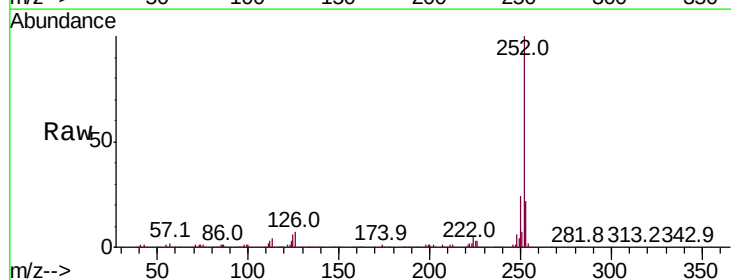
Tgt Ion:252 Resp: 476561

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

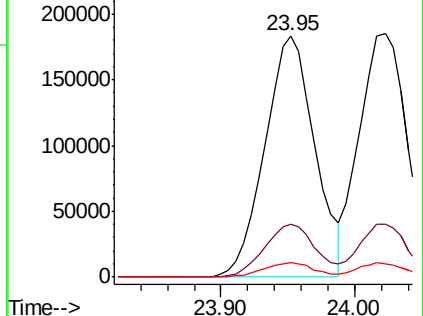
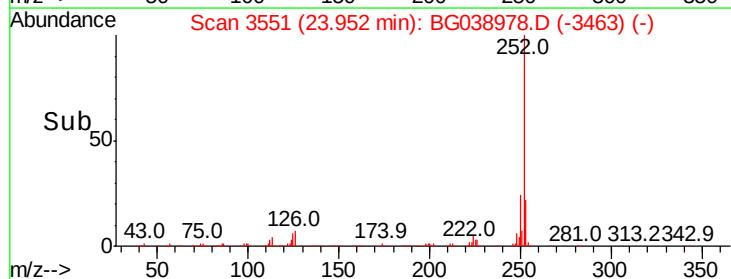
125 5.8 5.5 8.3

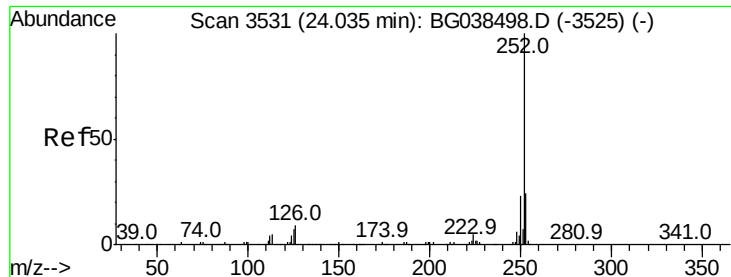


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.859 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

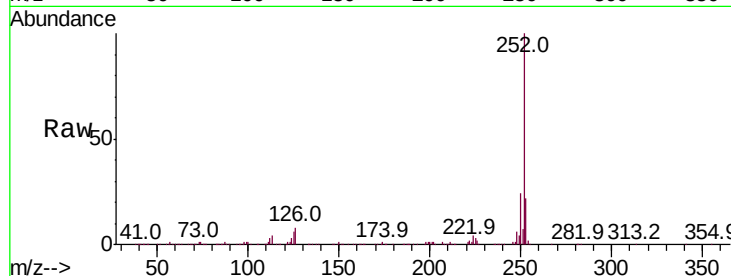
Tot Ion:252 Resp: 460427

Ion Ratio Lower Upper

252 100

253 21.8 18.9 28.3

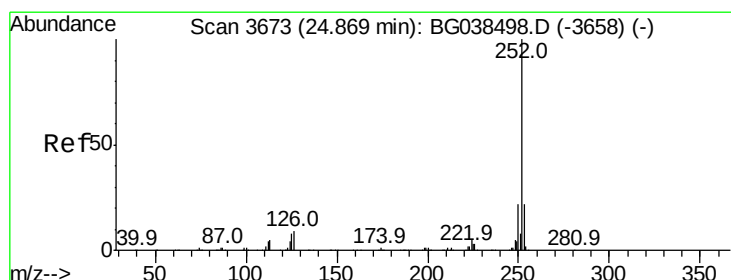
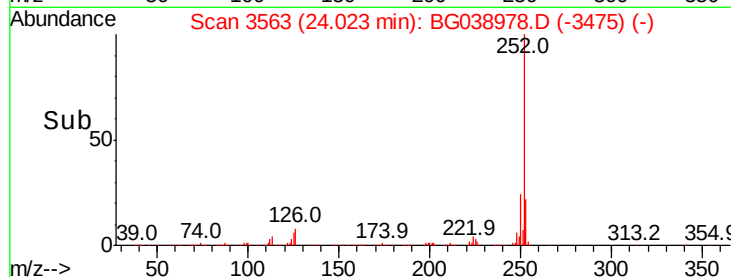
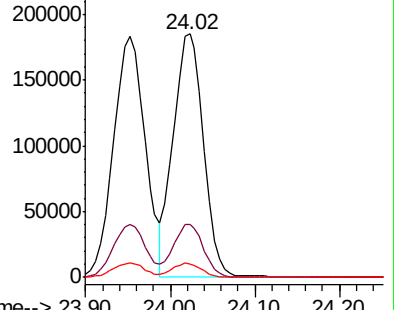
125 5.6 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.869 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

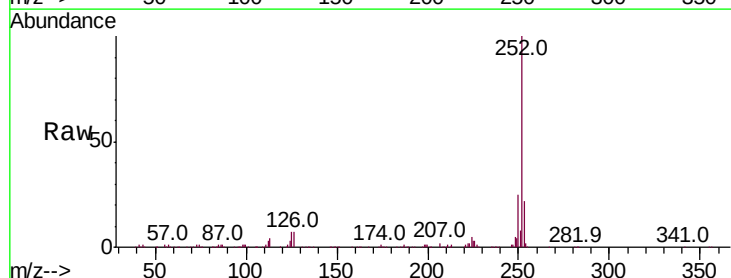
Tgt Ion:252 Resp: 456584

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

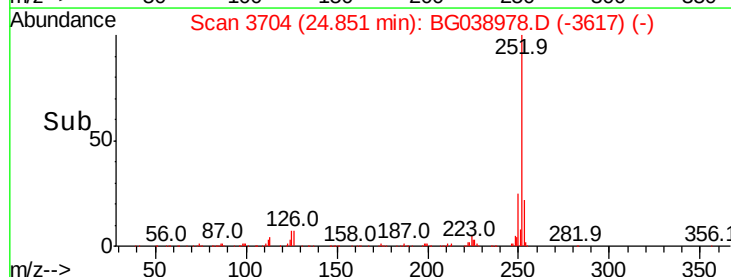
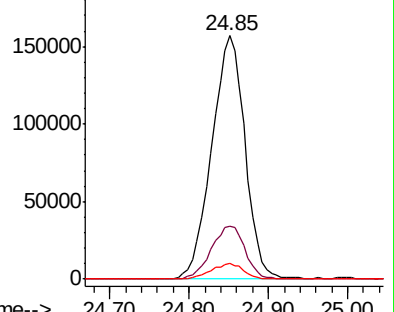
125 6.6 6.4 9.6

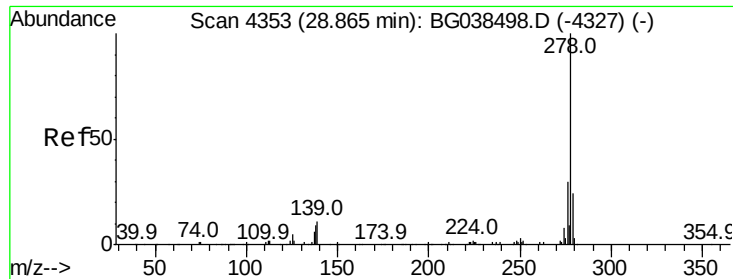


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.323 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

Instrument :

BNA_G

ClientSampleId :

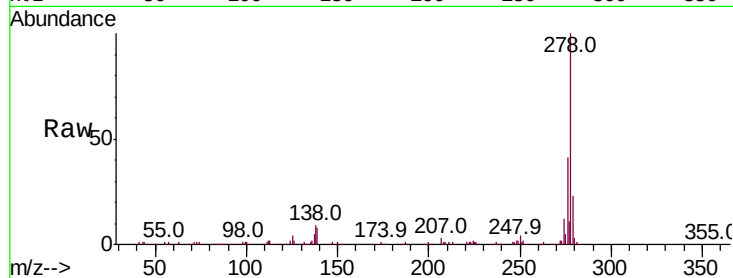
Tot Ion:278 Resp: 448956

Ion Ratio Lower Upper

278 100

139 8.3 8.6 12.8#

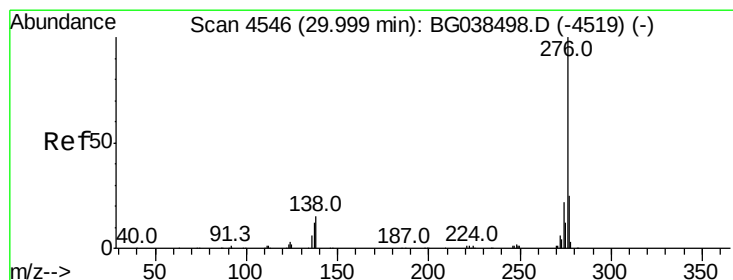
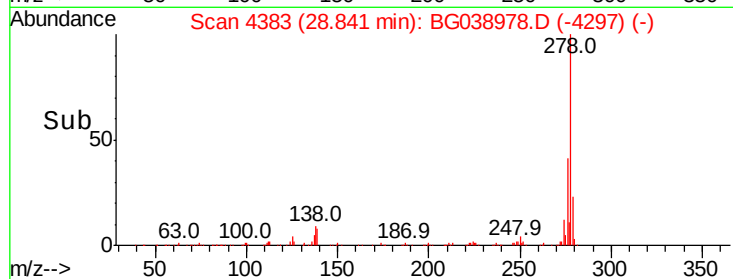
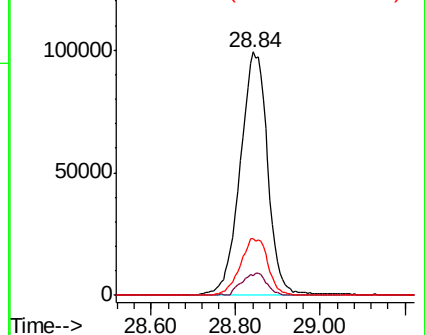
279 23.3 19.0 28.6



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: 44.290 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038978.D

Acq: 7 Jan 2019 22:27

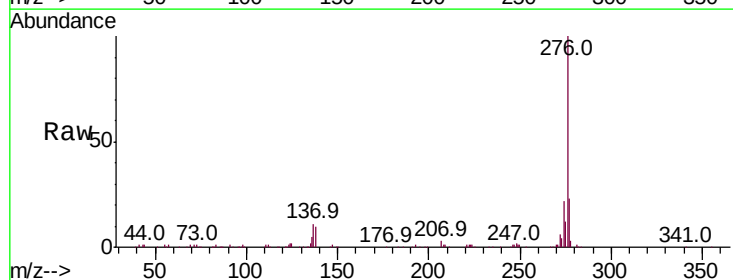
Tgt Ion:276 Resp: 452322

Ion Ratio Lower Upper

276 100

277 22.6 19.8 29.8

138 10.3 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

