

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038930.D
 Acq On : 4 Jan 2019 15:14
 Operator : JU/SJ
 Sample : PB116158BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 22:46:19 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	8.04	152	22438	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	96159	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	68294	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	181670	20.00	ng	0.00
76) Chrysene-d12	21.72	240	185436	20.00	ng	0.00
87) Perylene-d12	25.01	264	182356	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	162905	128.77	ng	0.00
7) Phenol-d6	7.21	99	219830	126.58	ng	0.00
23) Nitrobenzene-d5	9.22	82	113039	60.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	131938	140.18	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	314160	63.11	ng	-0.02
79) Terphenyl-d14	20.04	244	678194	79.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	27311	46.386	ng	96
3) Pyridine	3.88	79	48415	29.866	ng	97
4) n-Nitrosodimethylamine	3.80	42	31088	39.140	ng	# 88
6) Aniline	7.37	93	73094	32.970	ng	99
8) 2-Chlorophenol	7.61	128	69127	47.219	ng	97
9) Benzaldehyde	7.19	77	13133	11.657	ng	90
10) Phenol	7.24	94	86276	46.760	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	54554	37.137	ng	90
12) 1,3-Dichlorobenzene	7.93	146	68826	39.761	ng	97
13) 1,4-Dichlorobenzene	8.08	146	72485	40.887	ng	96
14) 1,2-Dichlorobenzene	8.40	146	68389	40.919	ng	98
15) Benzyl Alcohol	8.29	79	61408	45.301	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	115568	34.344	ng	98
17) 2-Methylphenol	8.49	107	59346	48.008	ng	97
18) Hexachloroethane	9.13	117	24492	37.807	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	47406	38.865	ng	95
20) 3+4-Methylphenols	8.82	107	80894	47.384	ng	95
22) Acetophenone	8.88	105	99057	41.242	ng	# 92
24) Nitrobenzene	9.27	77	74544	39.148	ng	98
25) Isophorone	9.78	82	139097	41.130	ng	98
26) 2-Nitrophenol	9.98	139	40640	41.700	ng	92
27) 2,4-Dimethylphenol	10.02	122	68995	49.398	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	78608	41.188	ng	97
29) 2,4-Dichlorophenol	10.51	162	78276	50.376	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	80535	42.909	ng	94
31) Naphthalene	10.91	128	212748	44.904	ng	98
32) Benzoic acid	10.17	122	28441	35.434	ng	# 84
33) 4-Chloroaniline	11.03	127	63970	31.099	ng	97
34) Hexachlorobutadiene	11.17	225	52397	41.258	ng	96
35) Caprolactam	11.82	113	27487	42.745	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	82027	46.260	ng	90
37) 2-Methylnaphthalene	12.52	142	163127	48.262	ng	98
38) 1-Methylnaphthalene	12.73	142	155915	47.536	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	101383	39.714	ng	# 98

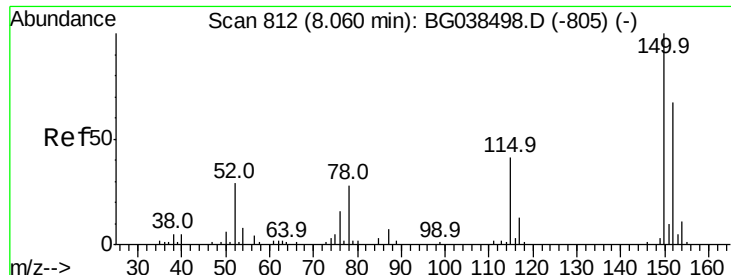
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038930.D
 Acq On : 4 Jan 2019 15:14
 Operator : JU/SJ
 Sample : PB116158BS
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Instrument :
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Quant Time: Jan 04 22:46:19 2019
 Quant 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	115075	82.050	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	73202	46.637	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	78349	47.145	ng	97
46) 1,1'-Biphenyl	13.51	154	219355	38.314	ng	97
47) 2-Chloronaphthalene	13.57	162	178863	40.444	ng	97
48) 2-Nitroaniline	13.78	65	57389	40.740	ng	94
49) Acenaphthylene	14.41	152	294134	44.489	ng	100
50) Dimethylphthalate	14.14	163	244064	43.762	ng	99
51) 2,6-Dinitrotoluene	14.27	165	55790	44.142	ng	# 87
52) Acenaphthene	14.75	154	168487	42.619	ng	99
53) 3-Nitroaniline	14.61	138	44132	34.254	ng	91
54) 2,4-Dinitrophenol	14.81	184	49823	67.144	ng	99
55) Dibenzofuran	15.08	168	295082	43.544	ng	96
56) 4-Nitrophenol	14.92	139	79951	81.801	ng	95
57) 2,4-Dinitrotoluene	15.05	165	79438	44.625	ng	95
58) Fluorene	15.73	166	240232	47.848	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	76670	51.278	ng	97
60) Diethylphthalate	15.49	149	251197	41.029	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	135635	43.298	ng	99
62) 4-Nitroaniline	15.77	138	57754	43.542	ng	98
63) Azobenzene	16.01	77	204839	40.050	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	48409	37.354	ng	89
66) n-Nitrosodiphenylamine	15.94	169	221541	41.504	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	93745	42.252	ng	94
68) Hexachlorobenzene	16.73	284	100333	43.624	ng	97
69) Atrazine	16.88	200	90365	45.617	ng	99
70) Pentachlorophenol	17.08	266	101469	74.588	ng	94
71) Phenanthrene	17.48	178	423034	44.904	ng	98
72) Anthracene	17.57	178	428719	46.097	ng	98
73) Carbazole	17.84	167	375930	40.872	ng	99
74) Di-n-butylphthalate	18.37	149	434427	41.162	ng	98
75) Fluoranthene	19.48	202	519825	44.597	ng	97
77) Benzidine	19.67	184	204261	37.246	ng	99
78) Pyrene	19.85	202	518155	42.297	ng	99
80) Butylbenzylphthalate	20.72	149	193578	40.446	ng	95
81) Benzo(a)anthracene	21.69	228	501429	44.376	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	142370	31.769	ng	95
83) Chrysene	21.76	228	471787	43.348	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	276348	40.711	ng	97
85) Di-n-octyl phthalate	22.79	149	467581	41.131	ng	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	564640	44.128	ng	# 79
88) Benzo(b)fluoranthene	23.95	252	485416	48.483	ng	99
89) Benzo(k)fluoranthene	24.03	252	492155	49.364	ng	97
90) Benzo(a)pyrene	24.85	252	486091	50.325	ng	99
91) Dibenzo(a,h)anthracene	28.84	278	463971	48.243	ng	99
92) Benzo(g,h,i)perylene	29.98	276	470334	49.625	ng	97

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

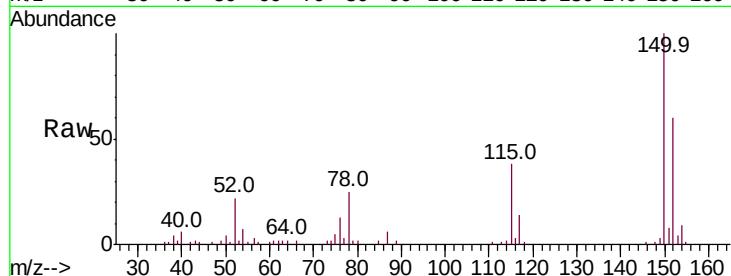


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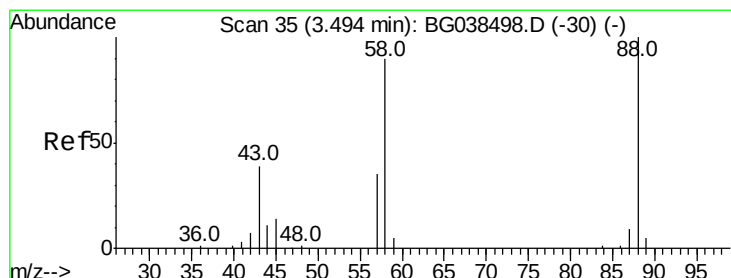
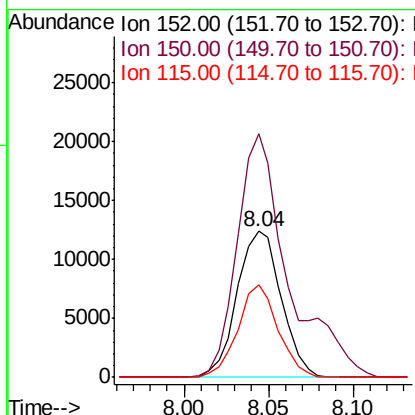
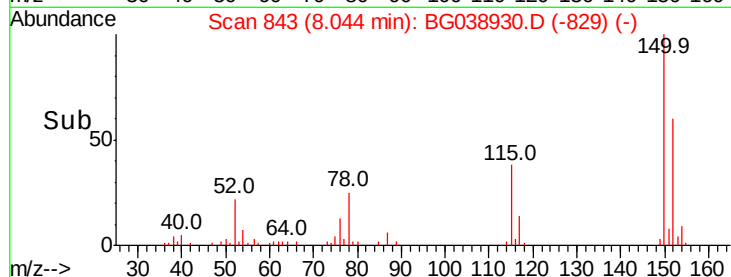
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 22438
Ion Ratio Lower Upper
152 100
150 167.0 119.5 179.3
115 63.1 49.6 74.4



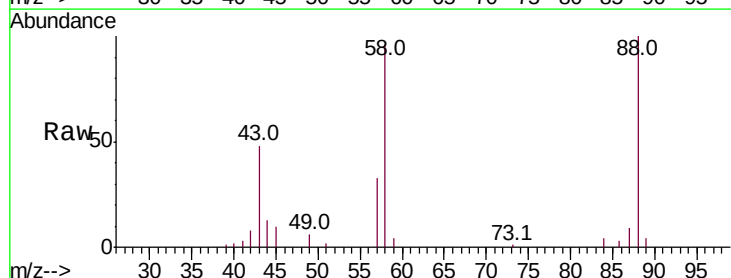
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



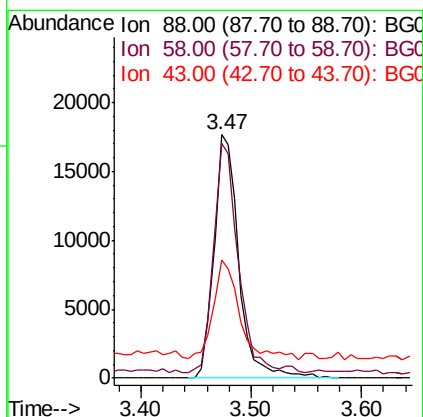
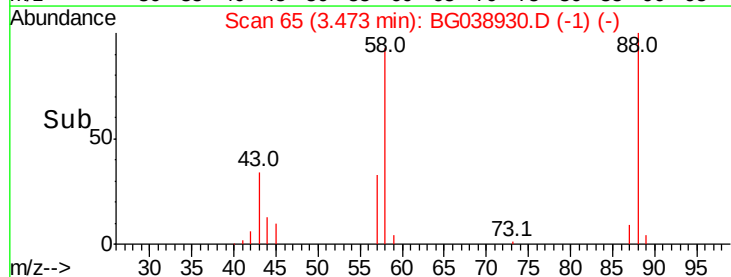
#2

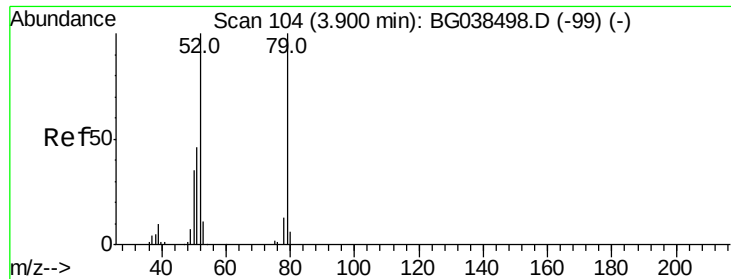
1,4-Dioxane
Concen: 46.386 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion: 88 Resp: 27311
Ion Ratio Lower Upper
88 100
58 92.1 75.7 113.5
43 45.0 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: 29.866 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

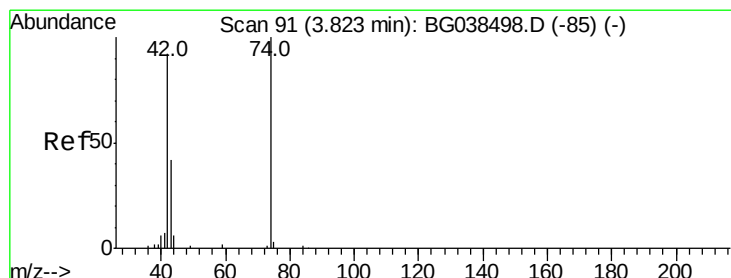
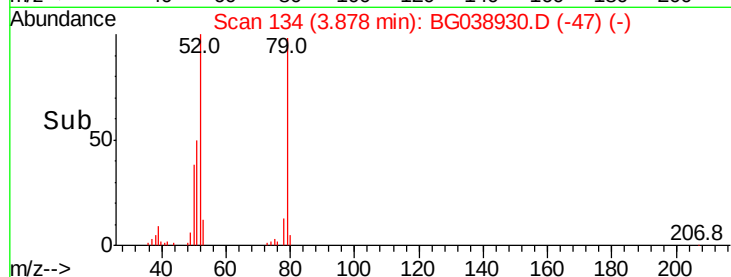
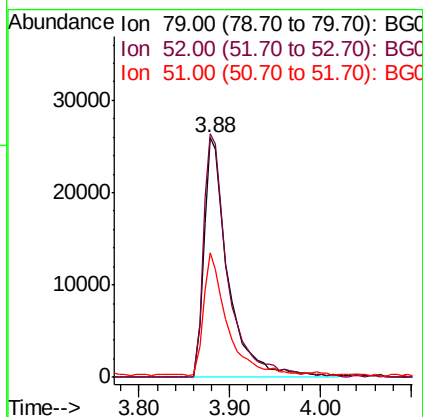
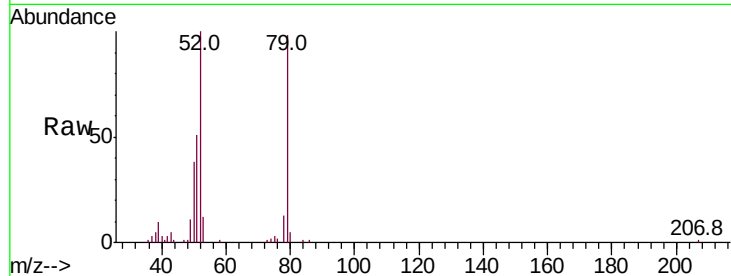
Tot Ion: 79 Resp: 48415

Ion Ratio Lower Upper

79 100

52 101.7 80.2 120.2

51 52.0 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 39.140 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

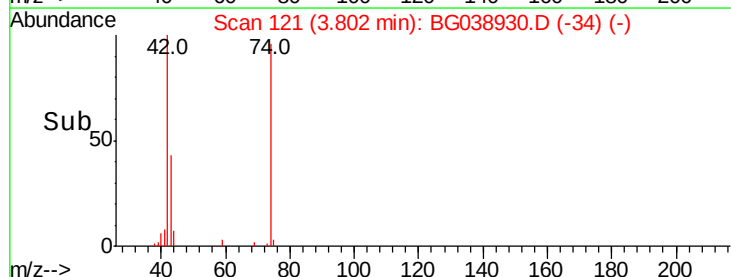
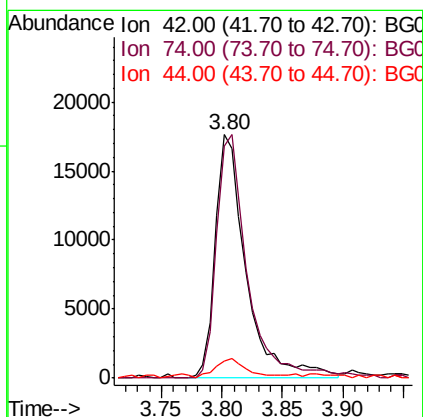
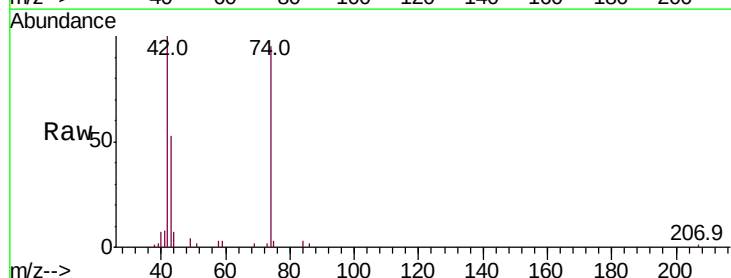
Tgt Ion: 42 Resp: 31088

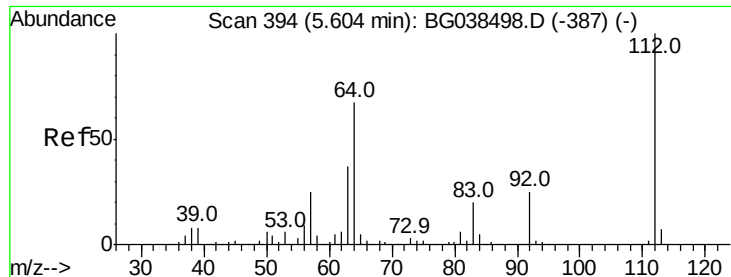
Ion Ratio Lower Upper

42 100

74 95.5 86.7 130.1

44 6.8 7.8 11.8#





#5

2-Fluorophenol

Concen: 128.771 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

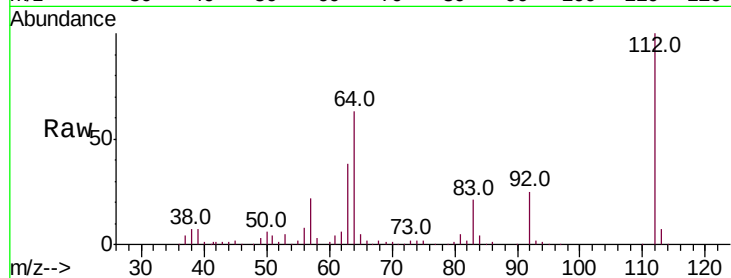
Tot Ion:112 Resp: 162905

Ion Ratio Lower Upper

112 100

64 63.1 53.4 80.2

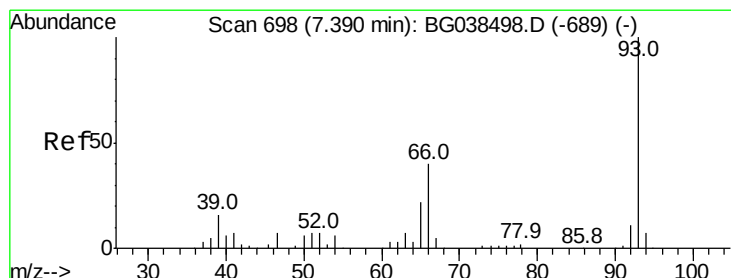
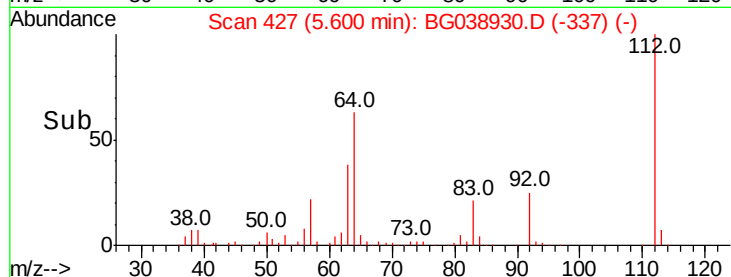
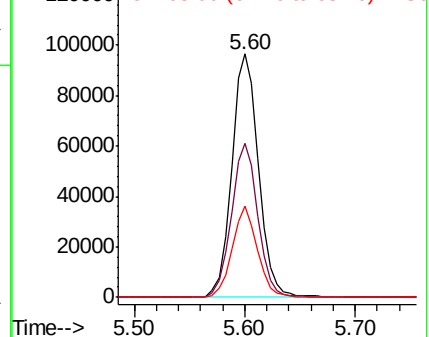
63 37.5 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.970 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

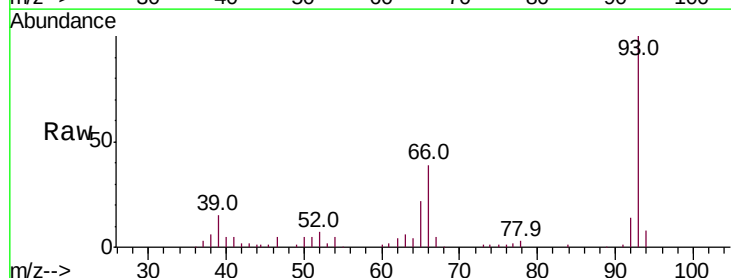
Tgt Ion: 93 Resp: 73094

Ion Ratio Lower Upper

93 100

66 38.8 31.7 47.5

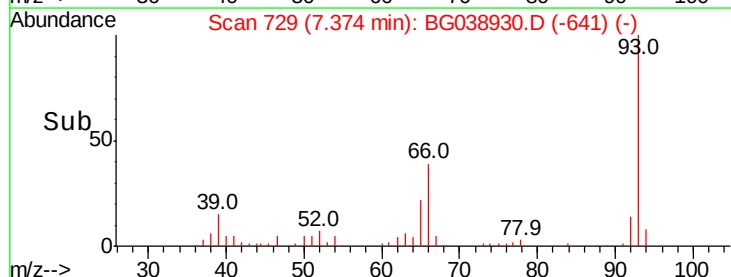
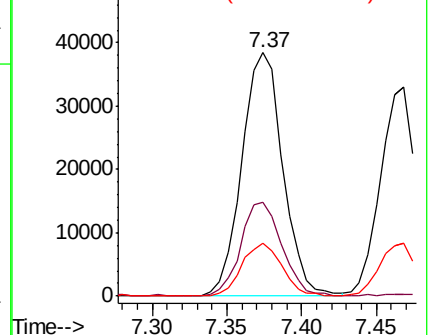
65 22.0 17.8 26.6

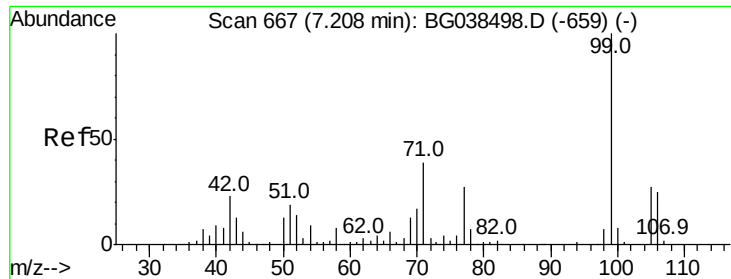


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.579 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

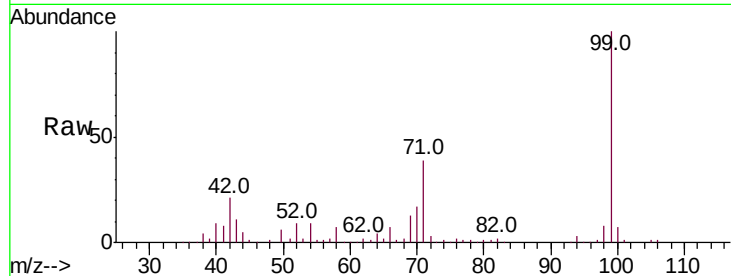
Tot Ion: 99 Resp: 219830

Ion Ratio Lower Upper

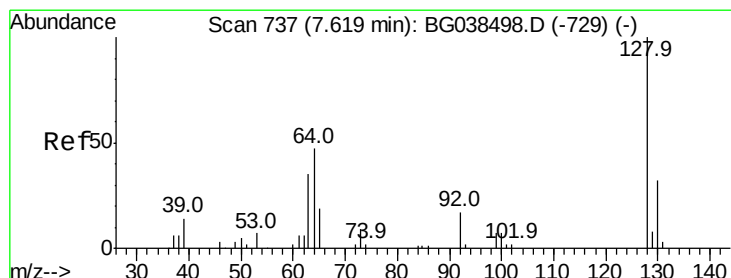
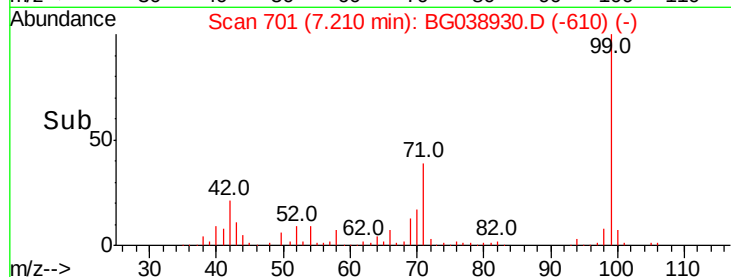
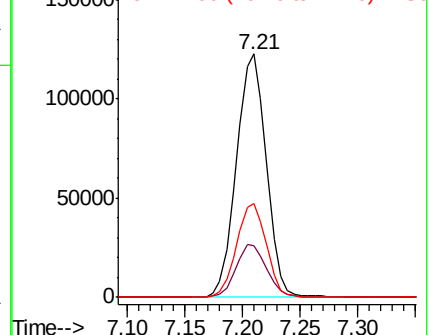
99 100

42 21.3 18.5 27.7

71 38.7 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: 47.219 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

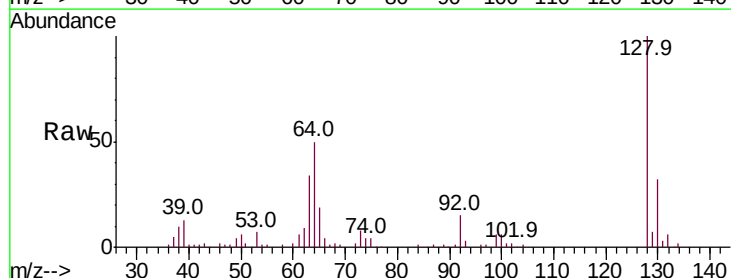
Tgt Ion: 128 Resp: 69127

Ion Ratio Lower Upper

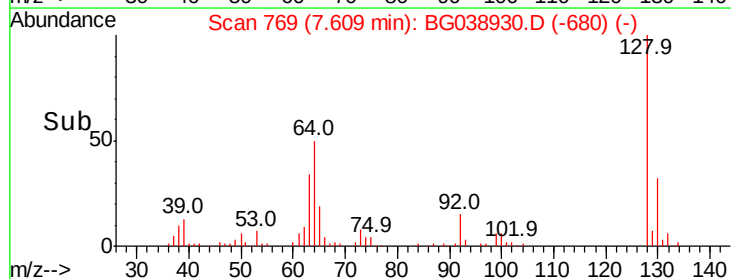
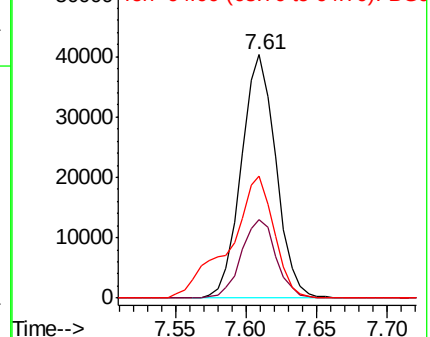
128 100

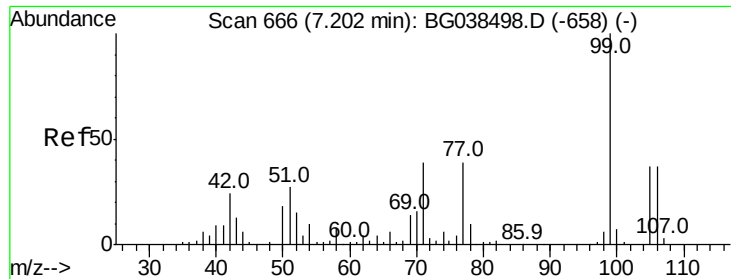
130 32.2 11.8 51.8

64 50.2 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: 11.657 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

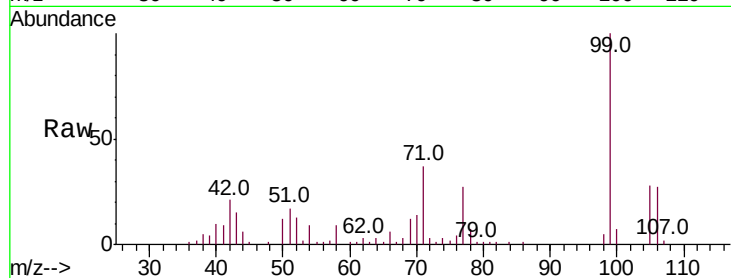
Tot Ion: 77 Resp: 13133

Ion Ratio Lower Upper

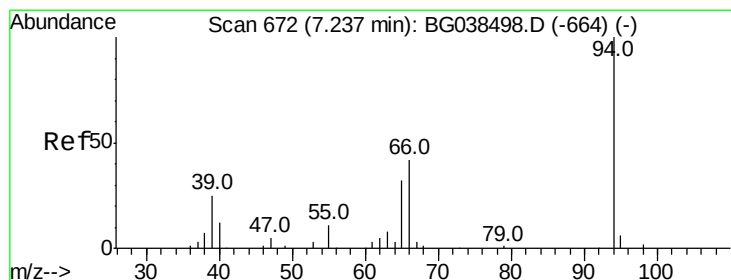
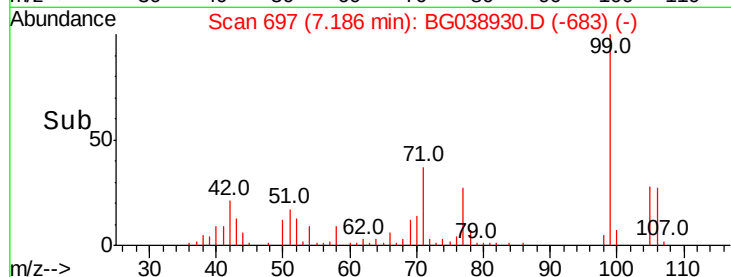
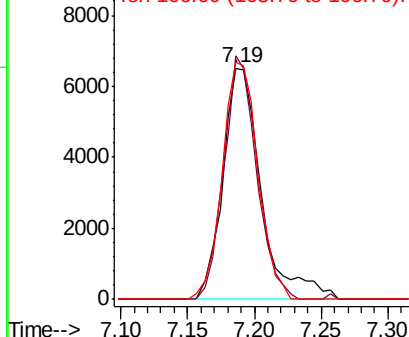
77 100

105 105.4 74.0 114.0

106 102.5 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: 46.760 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

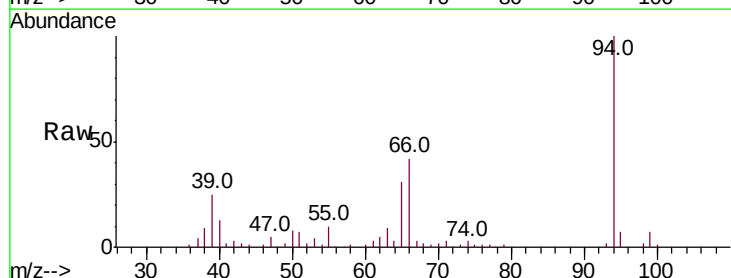
Tgt Ion: 94 Resp: 86276

Ion Ratio Lower Upper

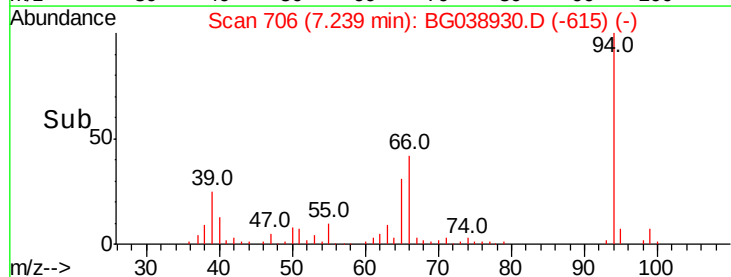
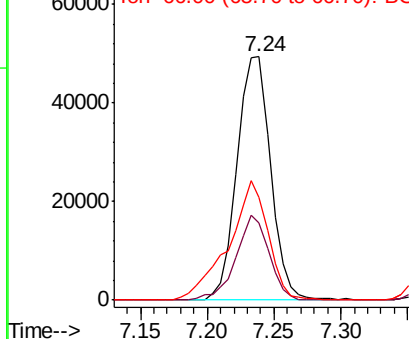
94 100

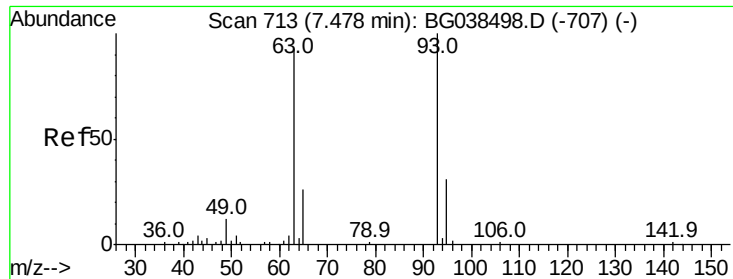
65 31.5 12.6 52.6

66 42.3 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

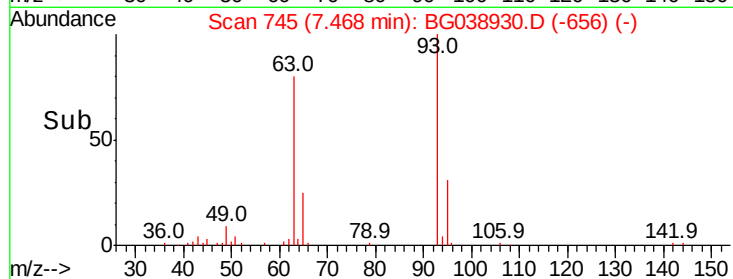
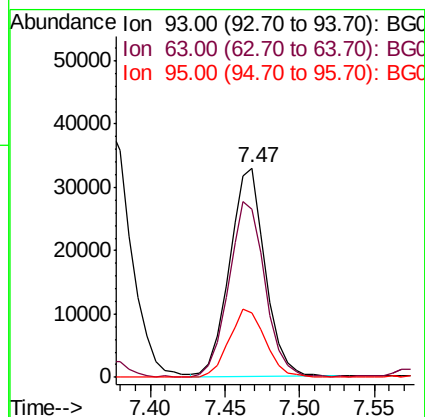
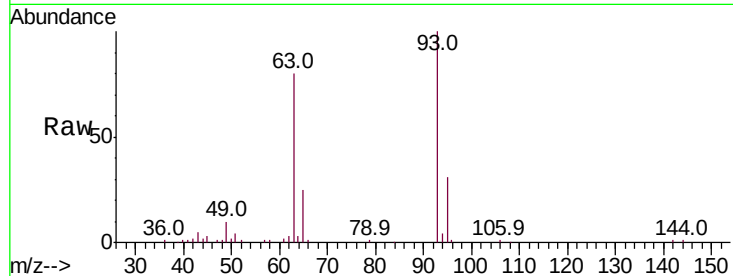




#11
 bis(2-Chloroethyl)ether
 Concen: 37.137 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

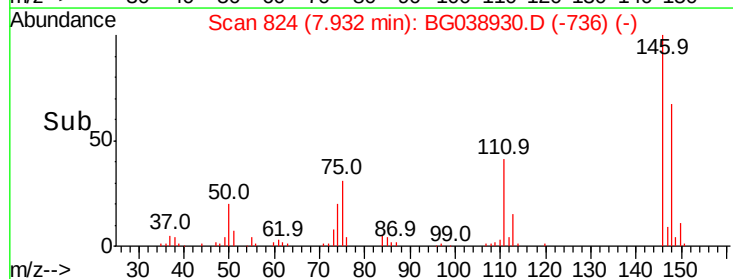
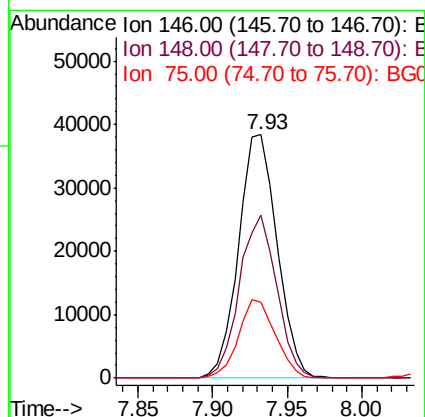
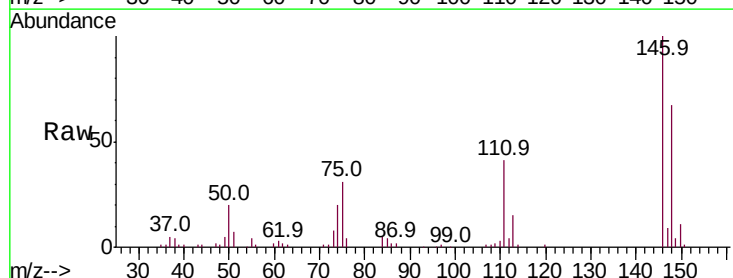
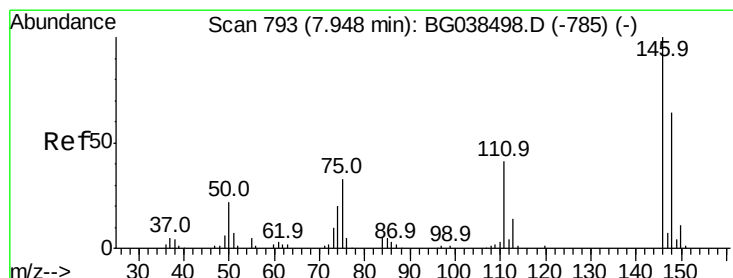
Instrument :
 BNA_G
 ClientSampled :

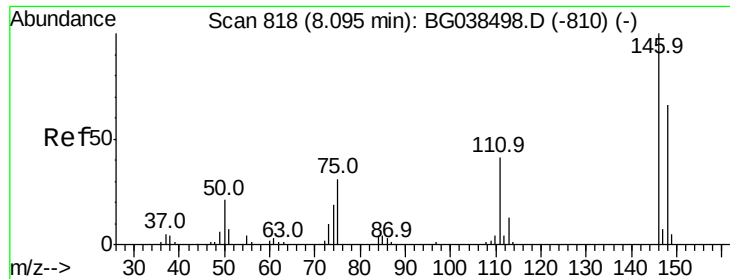
Tot Ion: 93 Resp: 54554
 Ion Ratio Lower Upper
 93 100
 63 80.0 72.2 112.2
 95 31.0 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.761 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion: 146 Resp: 68826
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.4 77.0
 75 31.2 26.1 39.1

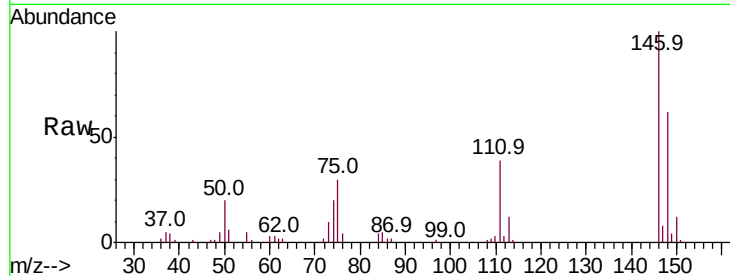




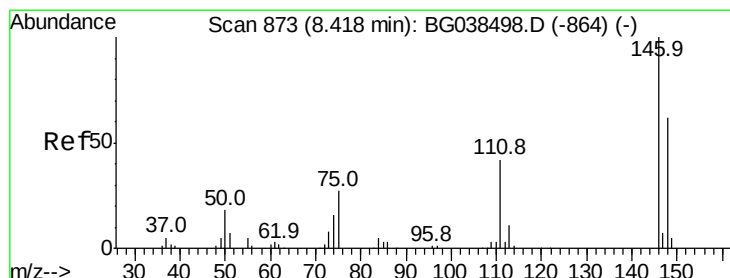
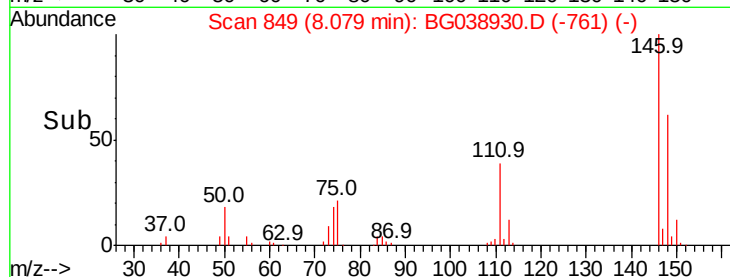
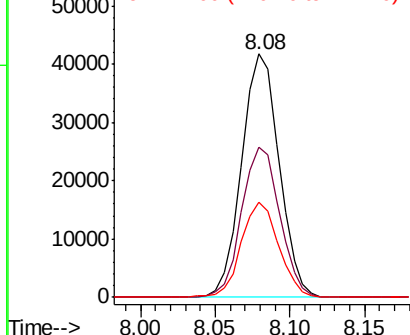
#13
 1,4-Dichlorobenzene
 Concen: 40.887 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 72485
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.4 78.6
 111 39.0 33.0 49.4

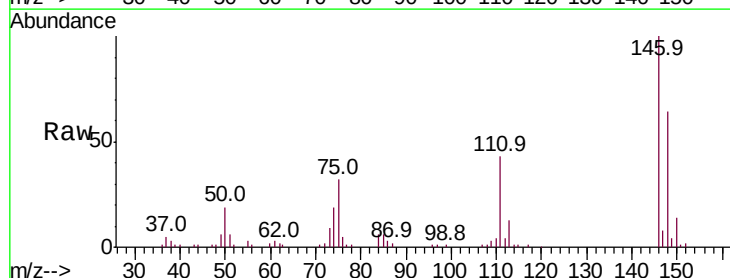


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

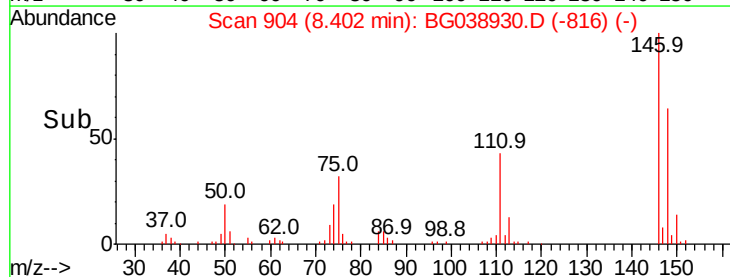
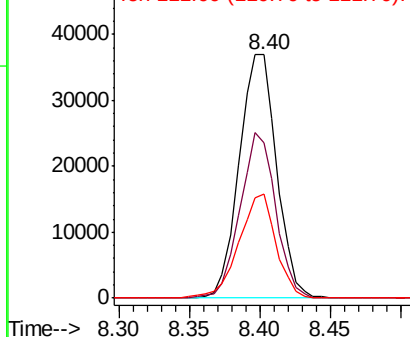


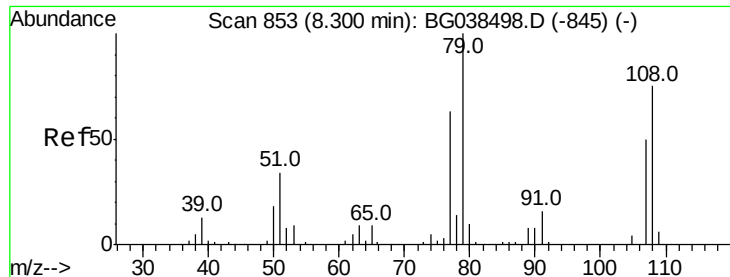
#14
 1,2-Dichlorobenzene
 Concen: 40.919 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion:146 Resp: 68389
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.4 74.0
 111 43.0 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 45.301 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

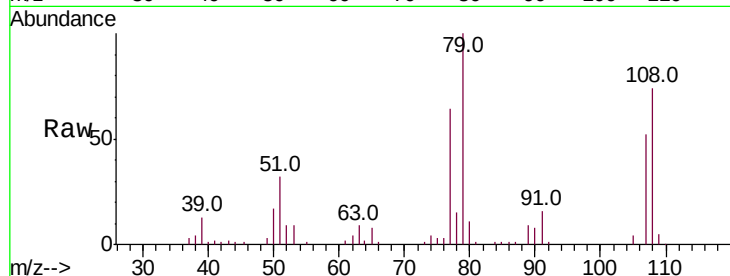
Tot Ion: 79 Resp: 61408

Ion Ratio Lower Upper

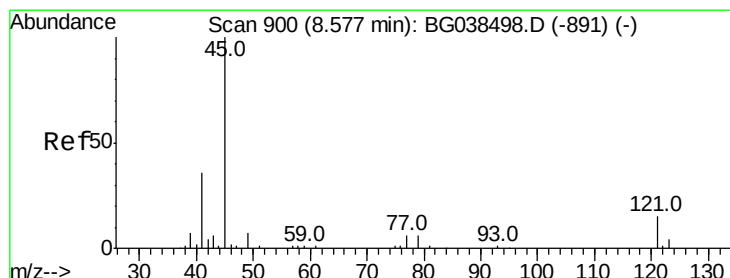
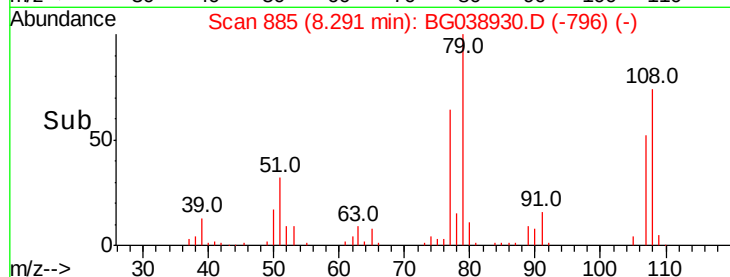
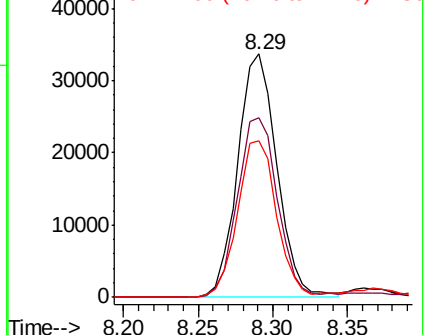
79 100

108 73.9 60.2 90.4

77 64.3 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.344 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

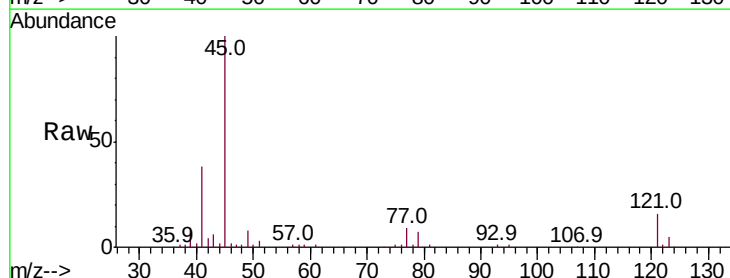
Tgt Ion: 45 Resp: 115568

Ion Ratio Lower Upper

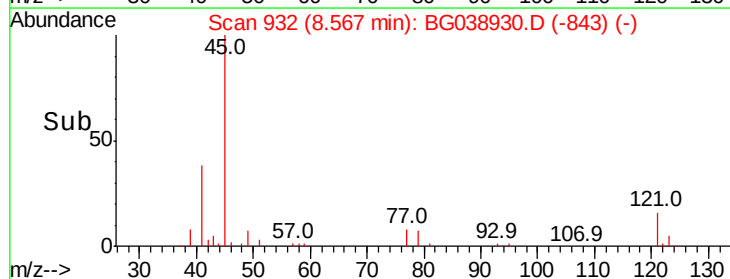
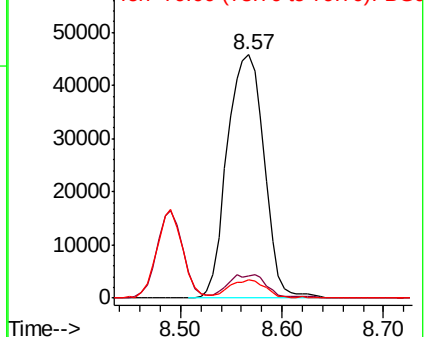
45 100

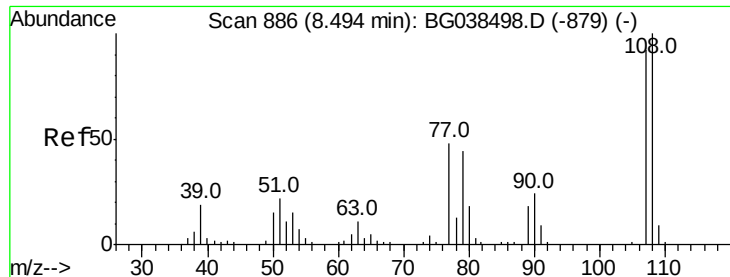
77 9.2 0.0 28.2

79 7.5 0.0 27.2



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

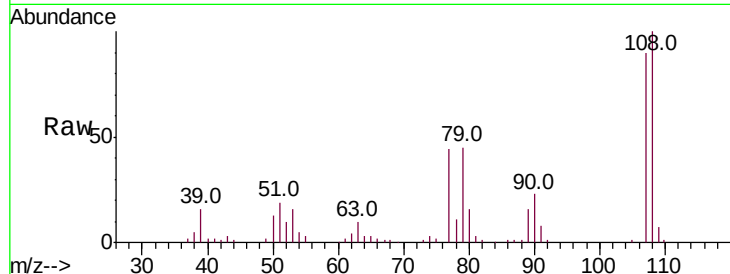




#17
2-Methylphenol
Concen: 48.008 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.1	130.7
77	49.0	42.0	63.0
79	49.8	38.2	57.2



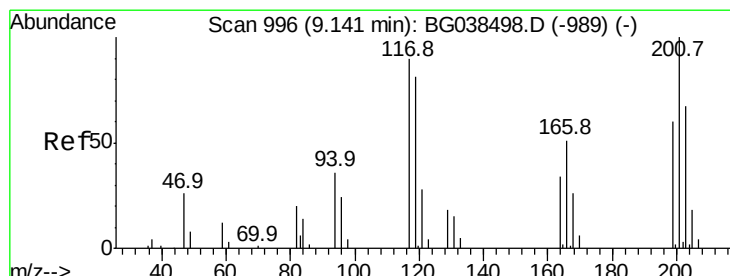
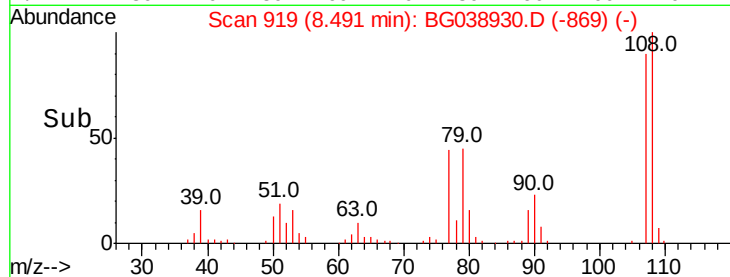
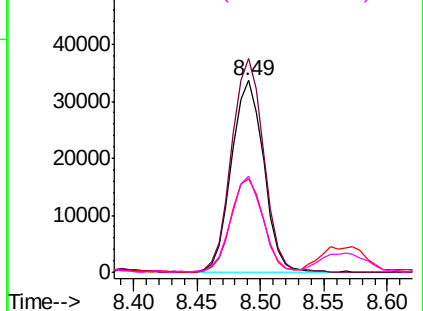
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

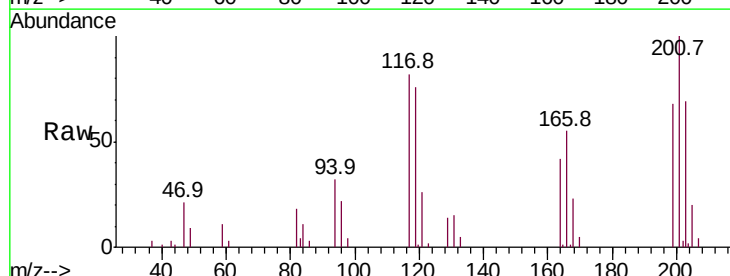
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.807 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.8	110.8
201	122.4	89.4	134.0

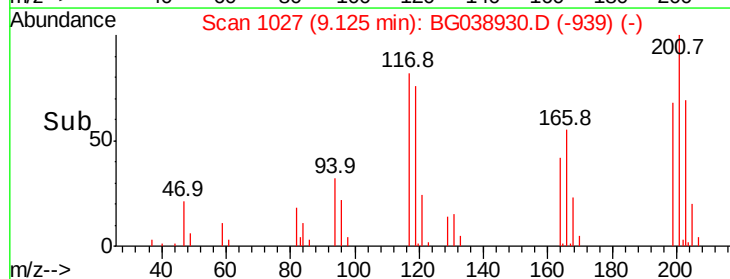
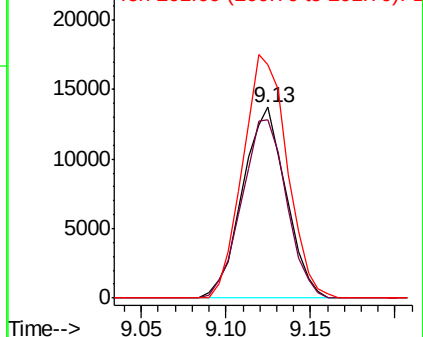


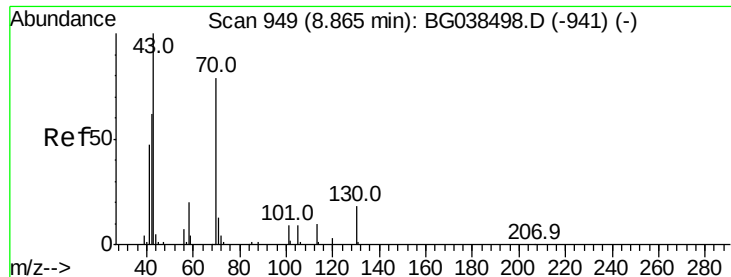
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

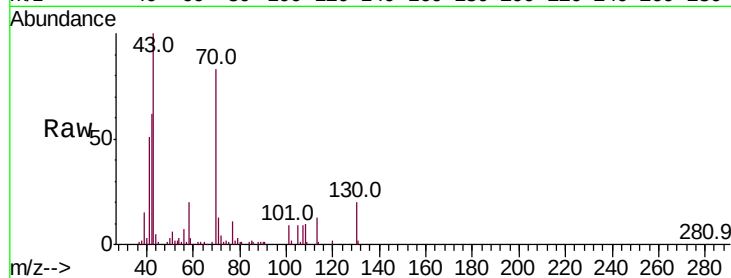




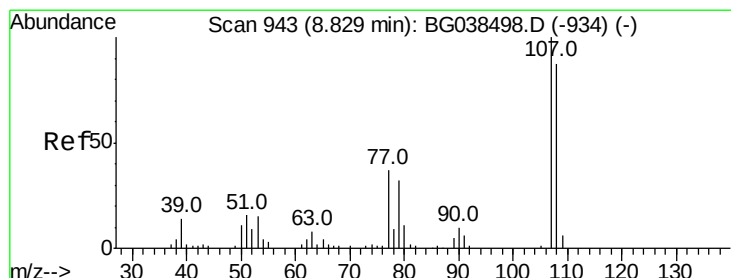
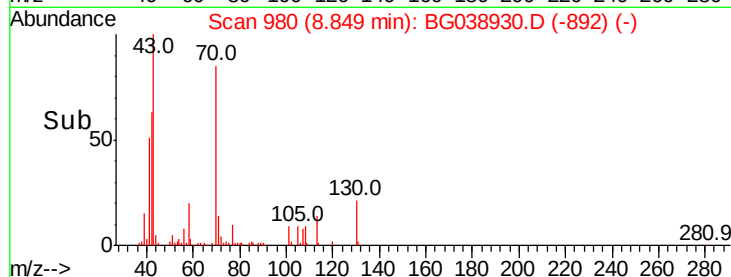
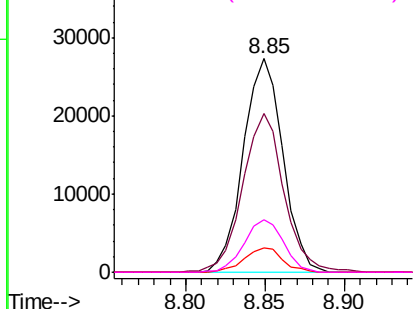
#19
n-Nitroso-di-n-propylamine
Concen: 38.865 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	47406
Ion	Ratio	Lower	Upper
70	100		
42	74.4	63.6	95.4
101	11.1	9.2	13.8
130	24.5	18.5	27.7

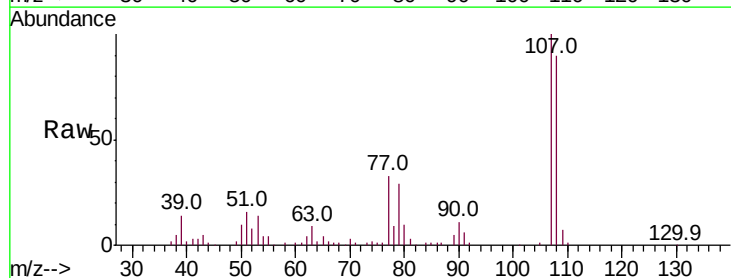


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

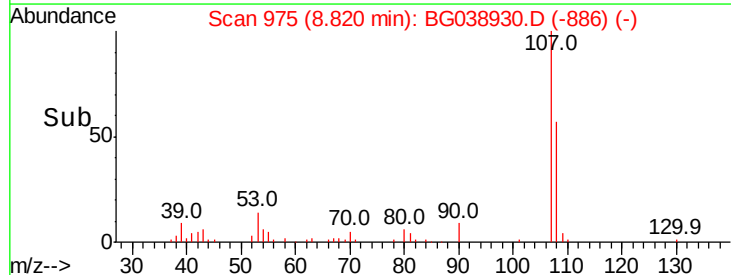
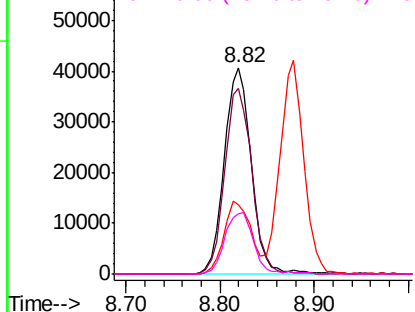


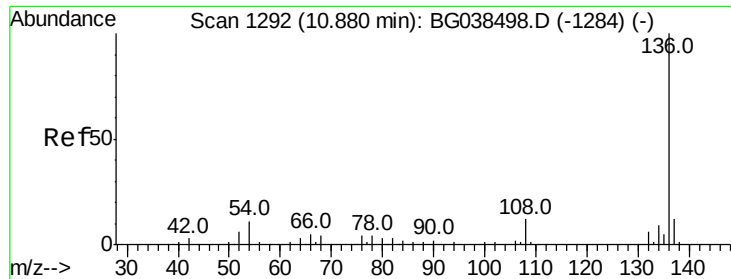
#20
3+4-Methylphenols
Concen: 47.384 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:	107	Resp:	80894
Ion	Ratio	Lower	Upper
107	100		
108	90.0	66.7	106.7
77	33.2	17.3	57.3
79	29.0	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

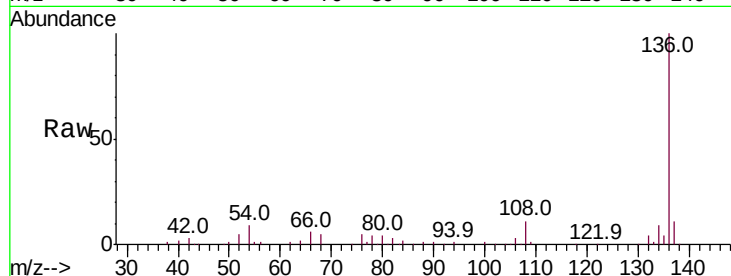




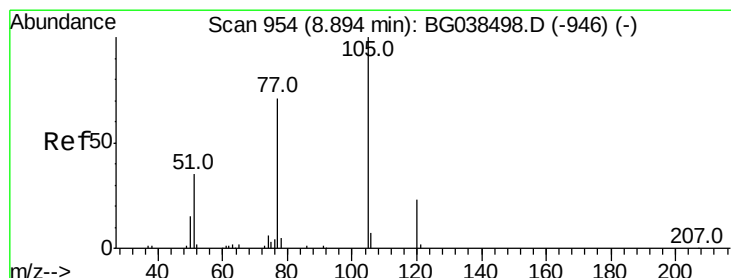
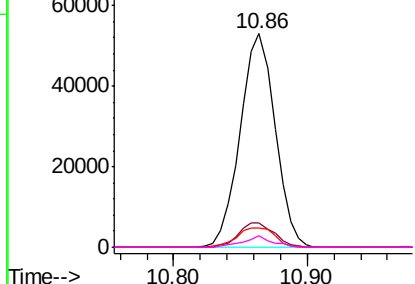
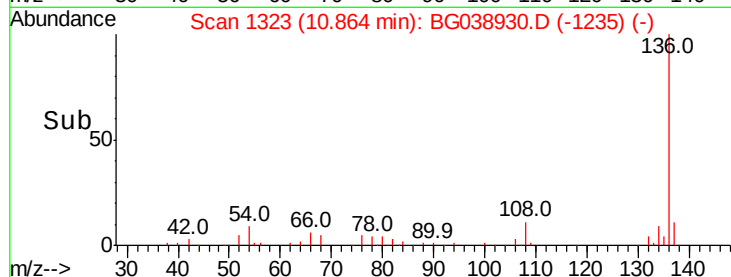
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	96159
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.3 13.9
54	8.8	8.5 12.7
68	5.2	3.5 5.3

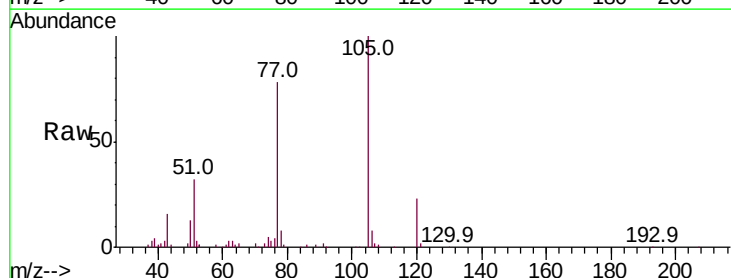


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

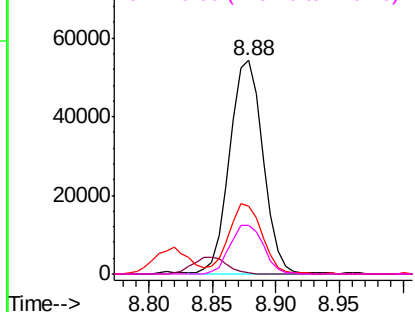
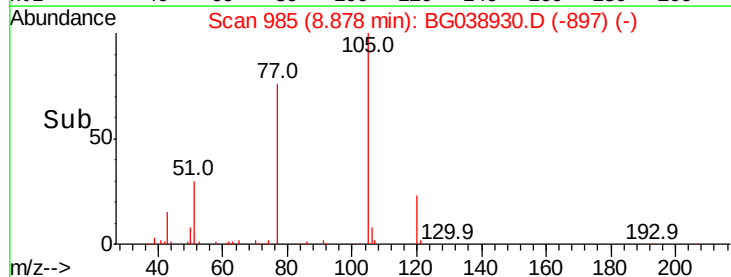


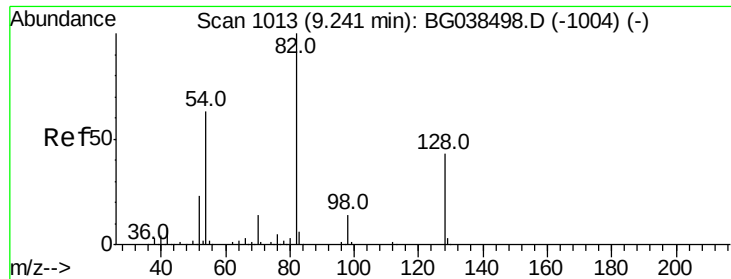
#22
Acetophenone
Concen: 41.242 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:105	Resp:	99057
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.4 0.6#
51	31.5	30.6 46.0
120	22.5	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

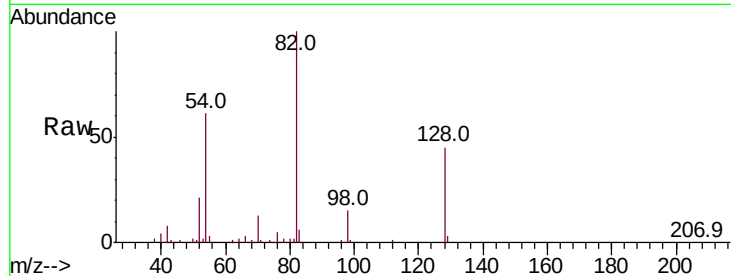




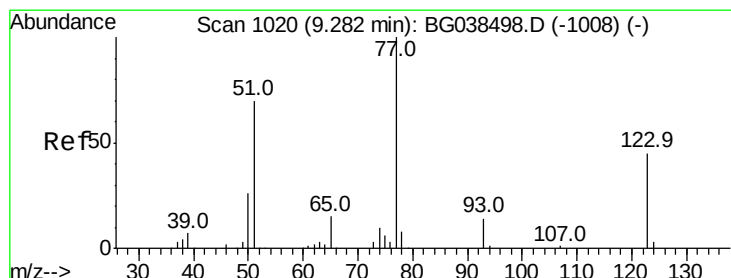
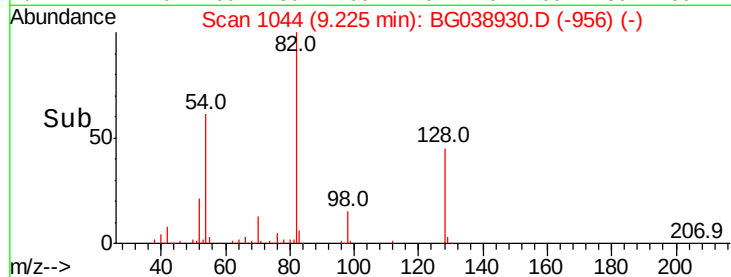
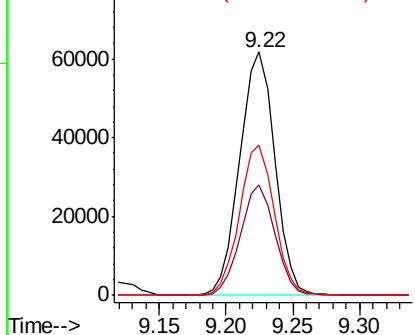
#23
 Nitrobenzene-d5
 Concen: 60.055 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 113039
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 52.0
 54 61.5 50.6 76.0

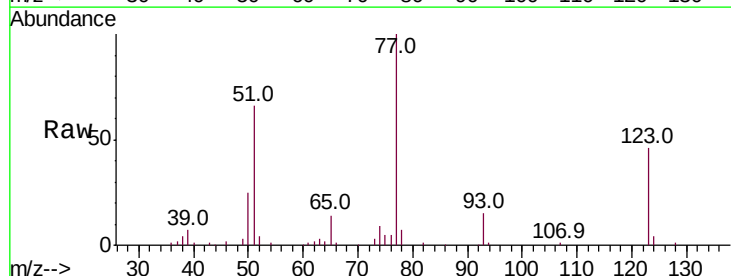


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

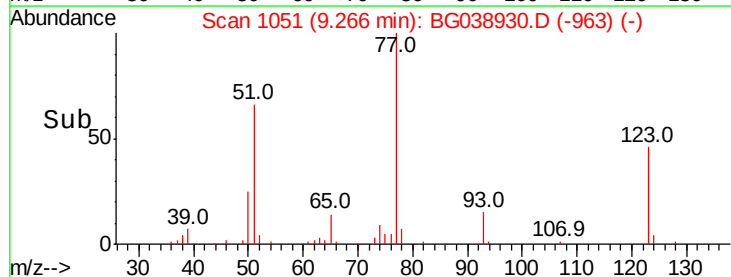
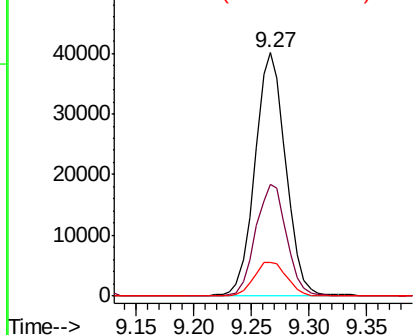


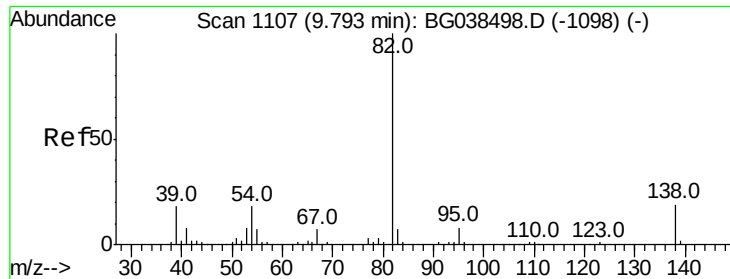
#24
 Nitrobenzene
 Concen: 39.148 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion: 77 Resp: 74544
 Ion Ratio Lower Upper
 77 100
 123 45.8 35.9 53.9
 65 13.9 12.0 18.0



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





#25

Isophorone

Concen: 41.130 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

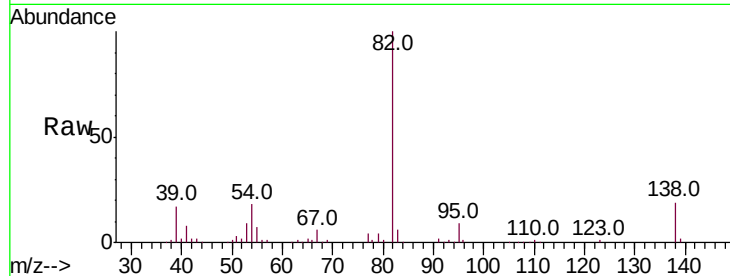
Tot Ion: 82 Resp: 139097

Ion Ratio Lower Upper

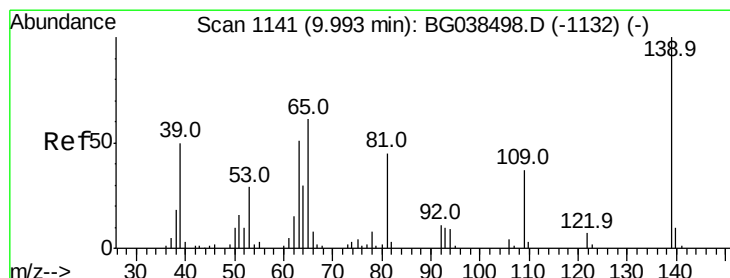
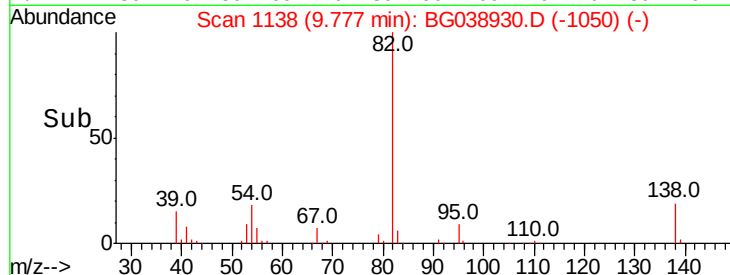
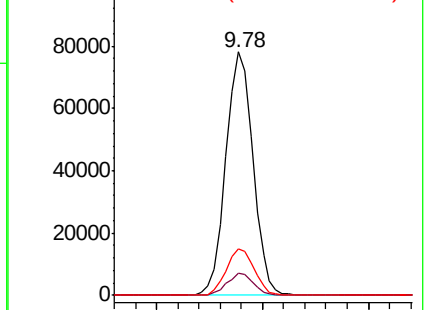
82 100

95 9.0 6.1 9.1

138 19.1 14.9 22.3



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



#26

2-Nitrophenol

Concen: 41.700 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

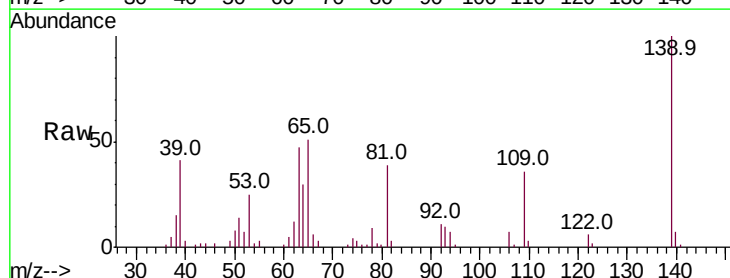
Tgt Ion:139 Resp: 40640

Ion Ratio Lower Upper

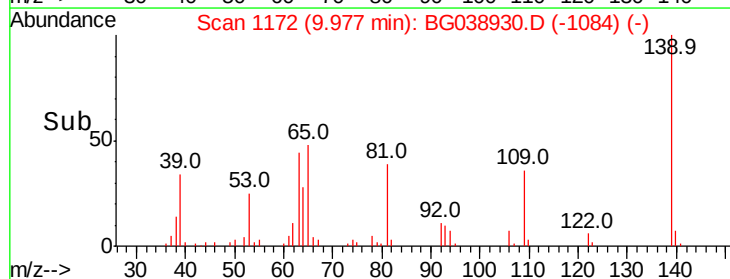
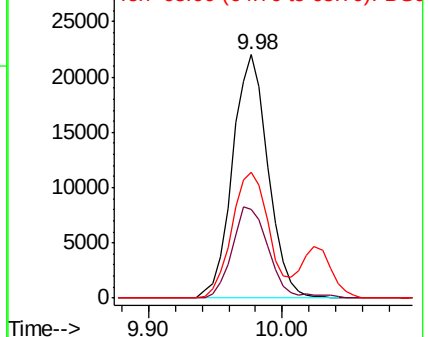
139 100

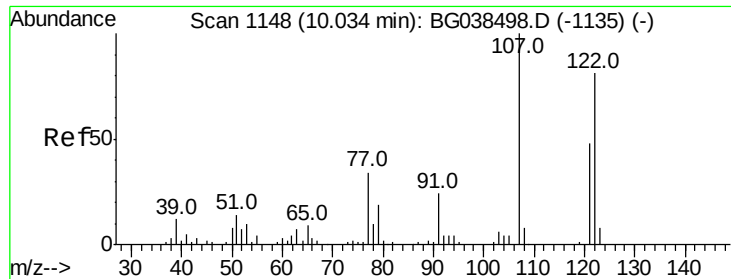
109 36.2 29.5 44.3

65 51.5 48.5 72.7



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

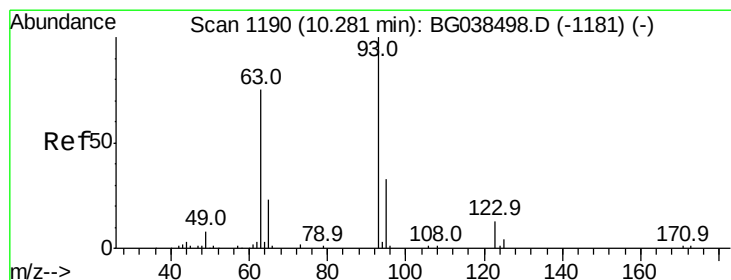
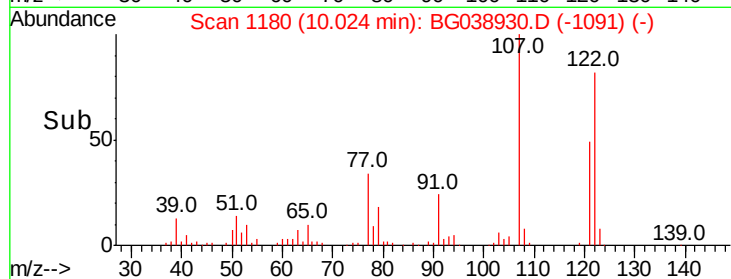
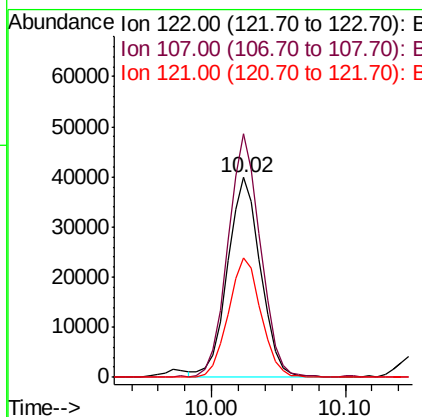
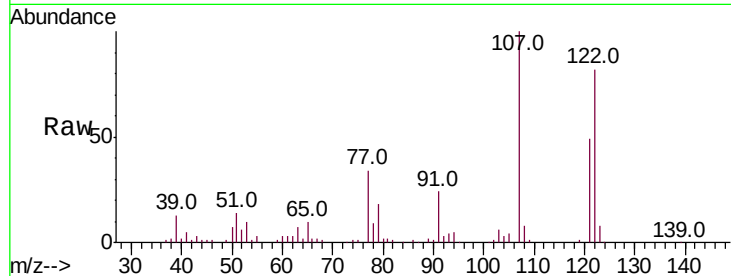




#27
 2,4-Dimethylphenol
 Concen: 49.398 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

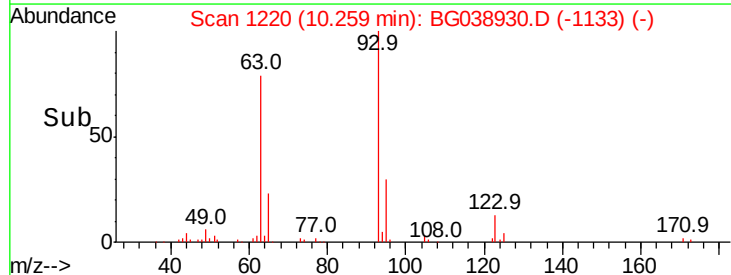
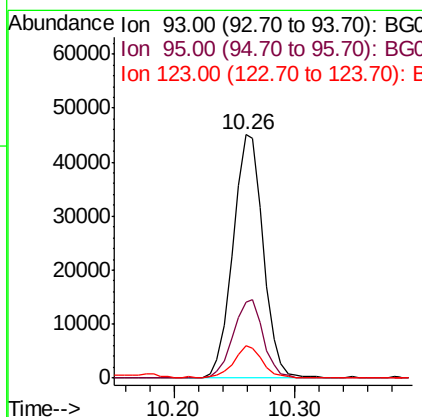
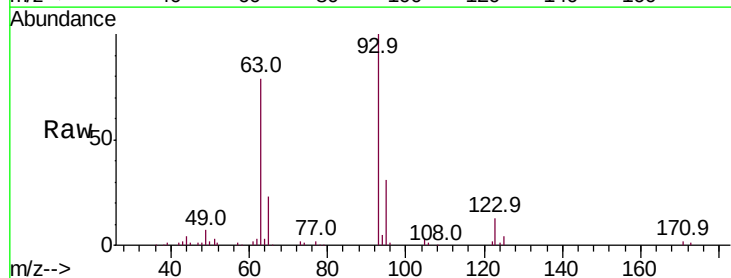
Instrument :
 BNA_G
 ClientSampleId :

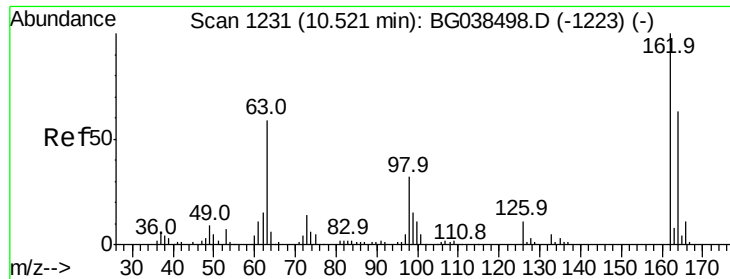
Tot Ion:122 Resp: 68995
 Ion Ratio Lower Upper
 122 100
 107 121.8 98.4 147.6
 121 59.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.188 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion: 93 Resp: 78608
 Ion Ratio Lower Upper
 93 100
 95 30.9 26.6 40.0
 123 13.1 10.6 16.0

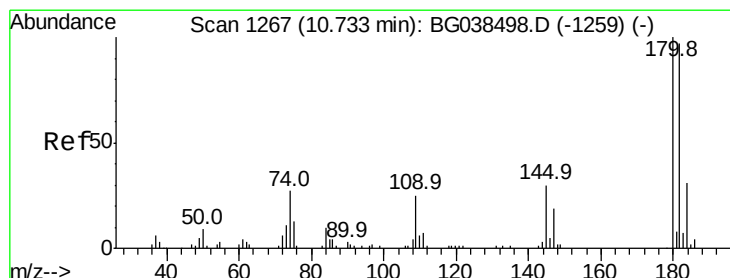
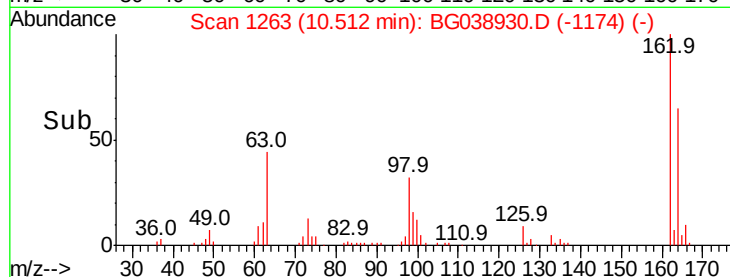
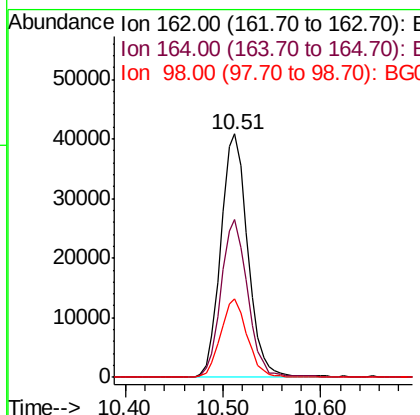
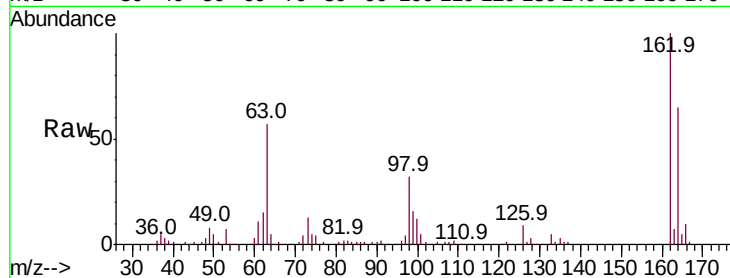




#29
 2,4-Dichlorophenol
 Concen: 50.376 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

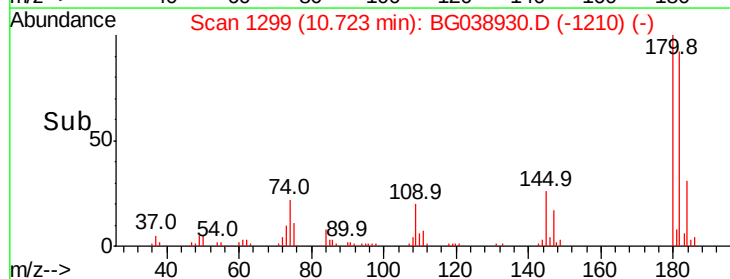
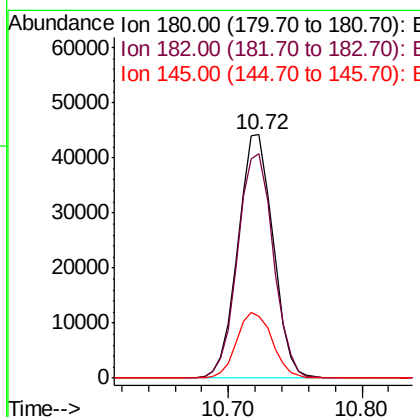
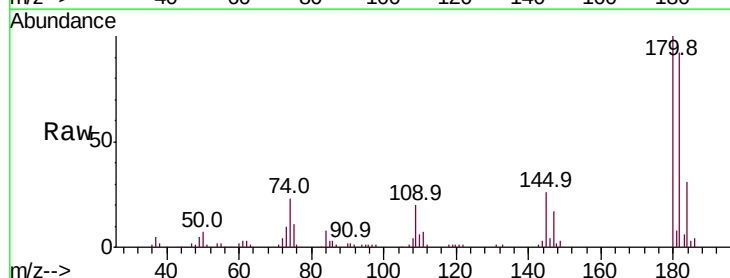
Instrument :
 BNA_G
 ClientSampleId :

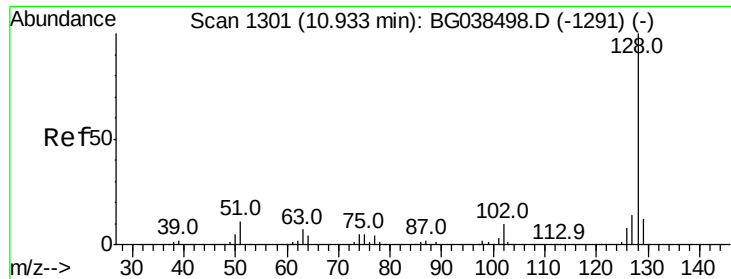
Tot Ion:162 Resp: 78276
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.9 82.9
 98 32.3 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.909 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion:180 Resp: 80535
 Ion Ratio Lower Upper
 180 100
 182 92.1 77.4 116.0
 145 25.5 24.1 36.1

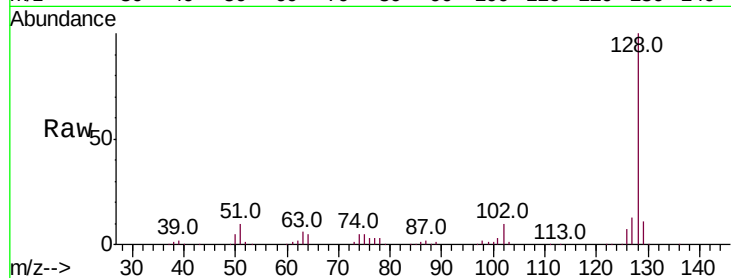




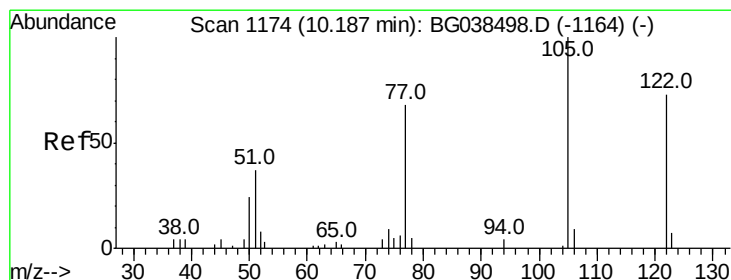
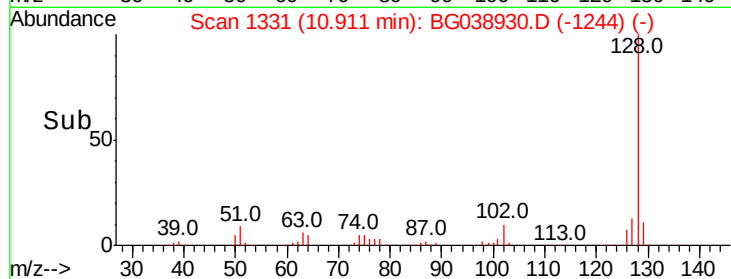
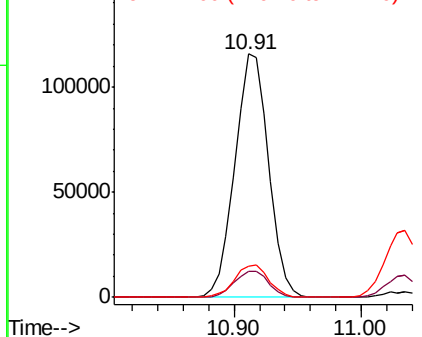
#31
Naphthalene
Concen: 44.904 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 212748
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 12.8 10.9 16.3

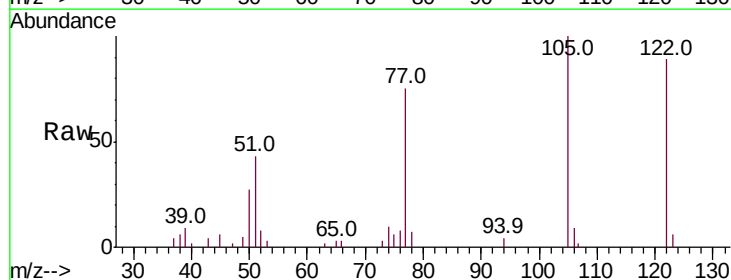


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

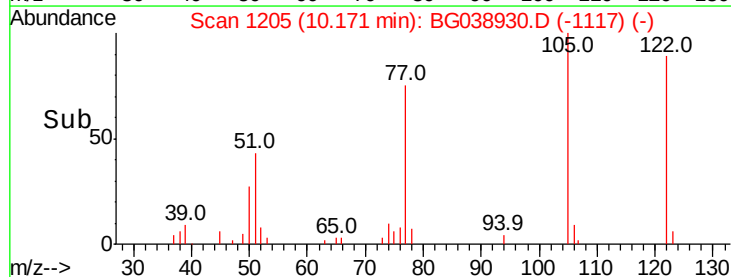
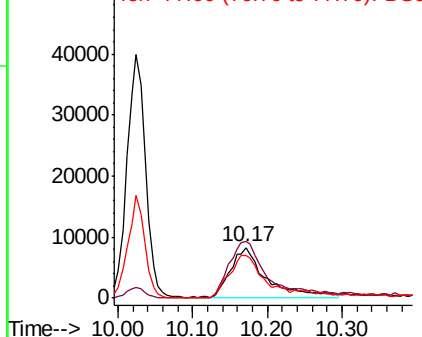


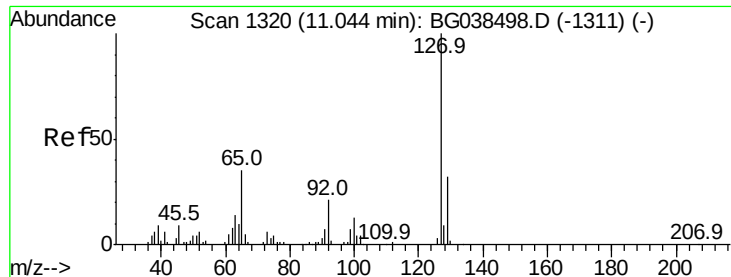
#32
Benzoic acid
Concen: 35.434 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:122 Resp: 28441
Ion Ratio Lower Upper
122 100
105 112.2 116.7 156.7#
77 83.8 72.5 112.5



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

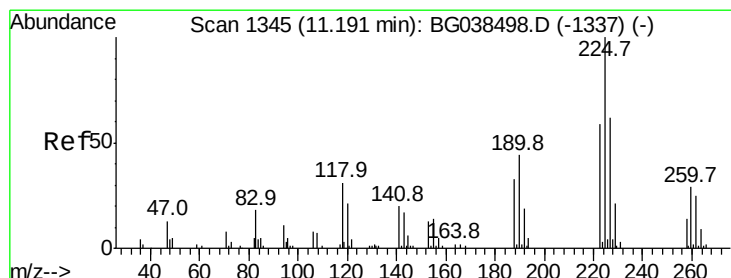
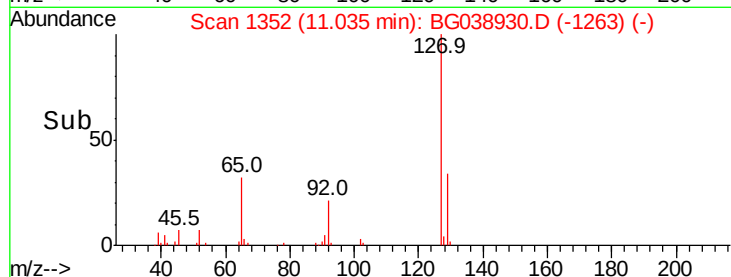
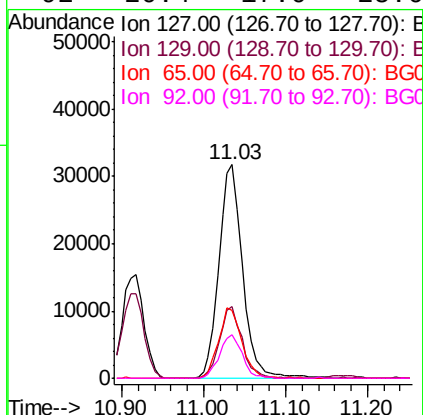
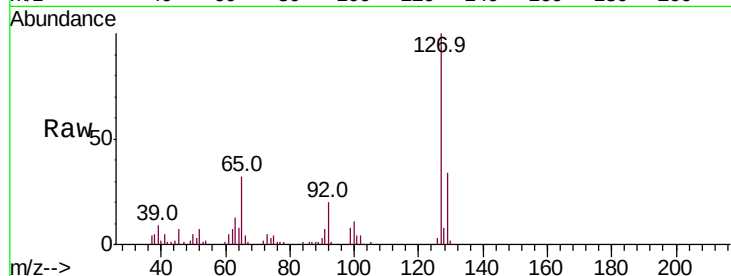




#33
4-Chloroaniline
Concen: 31.099 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

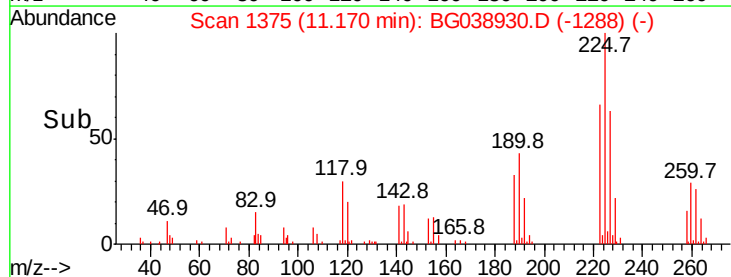
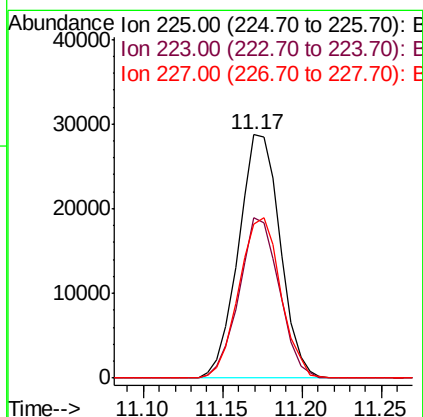
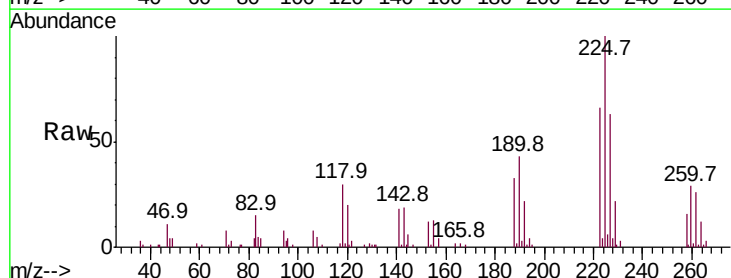
Instrument :
BNA_G
ClientSampled :

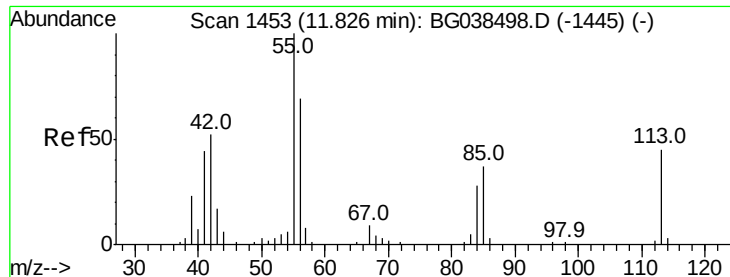
Tot Ion:	127	Resp:	63970
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.8	38.8
65	31.8	27.8	41.6
92	20.4	17.0	25.6



#34
Hexachlorobutadiene
Concen: 41.258 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:	225	Resp:	52397
Ion	Ratio	Lower	Upper
225	100		
223	62.4	45.0	67.6
227	63.3	50.6	75.8





#35

Caprolactam

Concen: 42.745 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

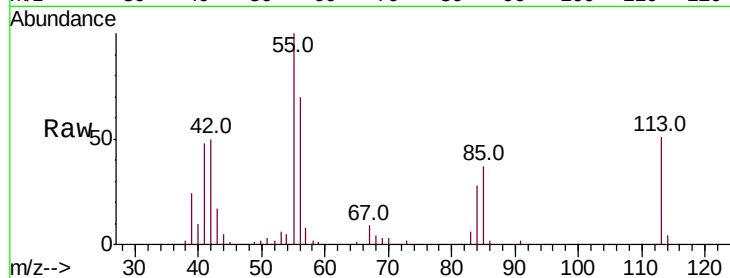
Tot Ion:113 Resp: 27487

Ion Ratio Lower Upper

113 100

55 194.5 204.3 244.3#

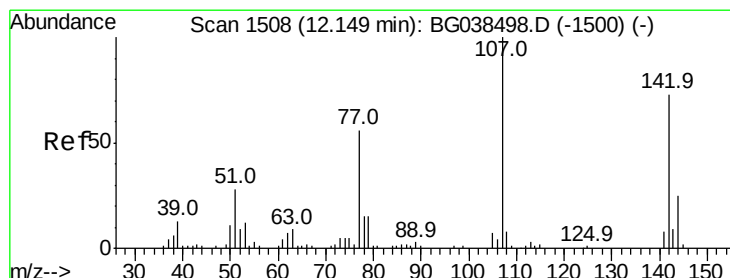
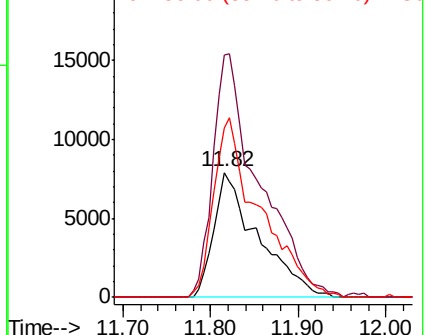
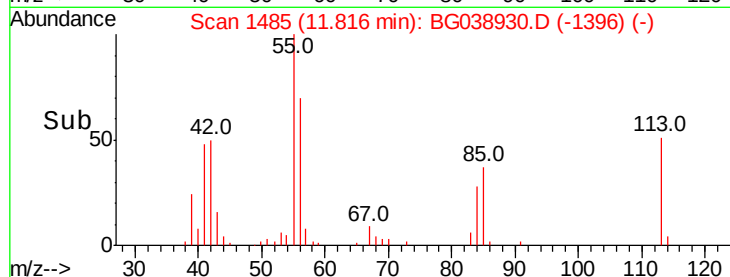
56 135.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.260 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

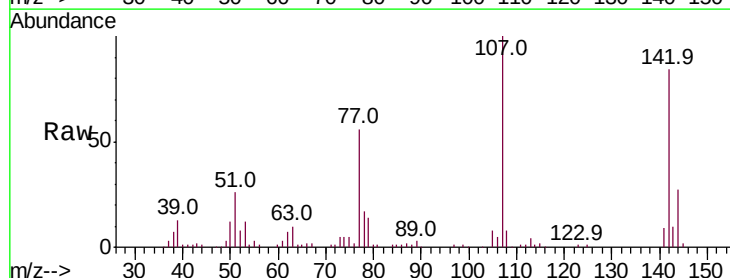
Tgt Ion:107 Resp: 82027

Ion Ratio Lower Upper

107 100

144 27.2 20.1 30.1

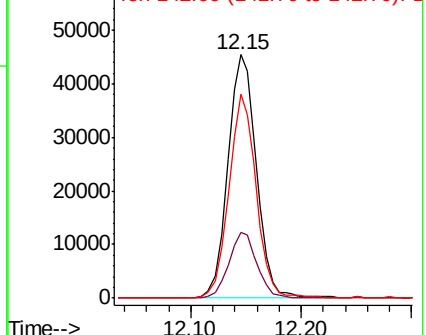
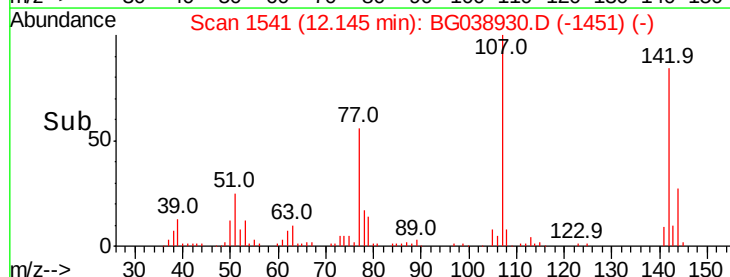
142 83.7 58.7 88.1

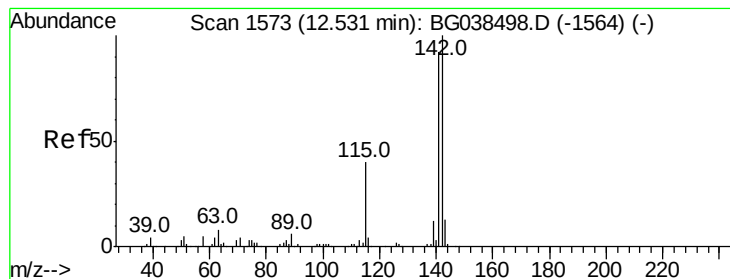


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

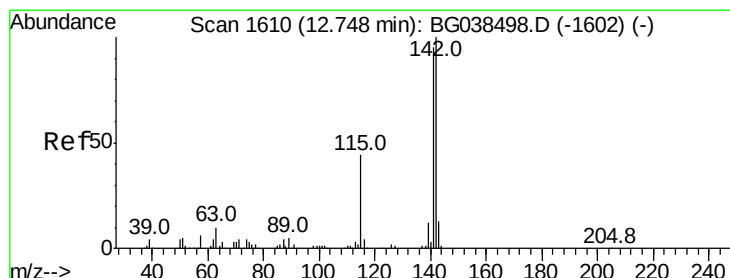
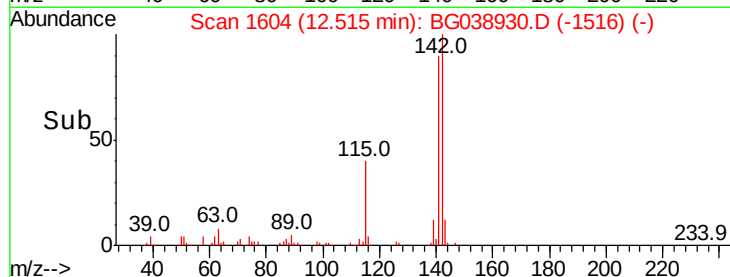
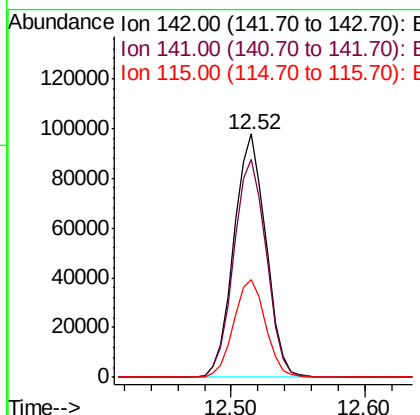
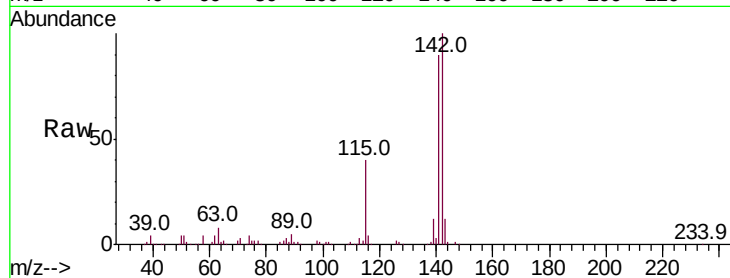




#37
2-Methylnaphthalene
Concen: 48.262 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

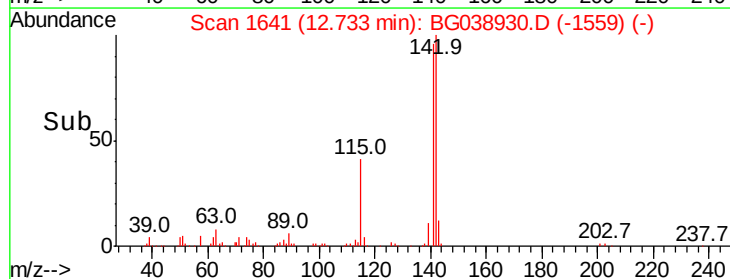
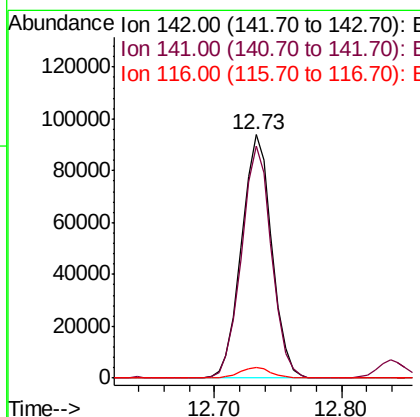
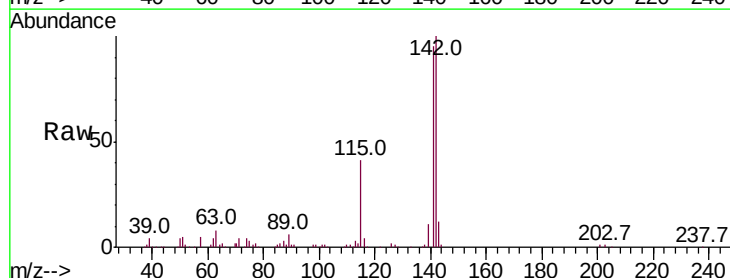
Instrument :
BNA_G
ClientSampleId :

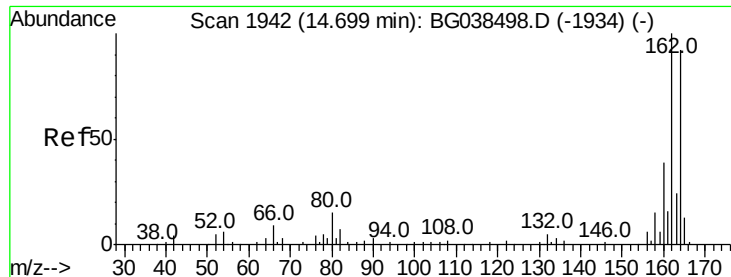
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
115	40.2	31.7	47.5



#38
1-Methylnaphthalene
Concen: 47.536 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.8	113.8
116	4.4	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

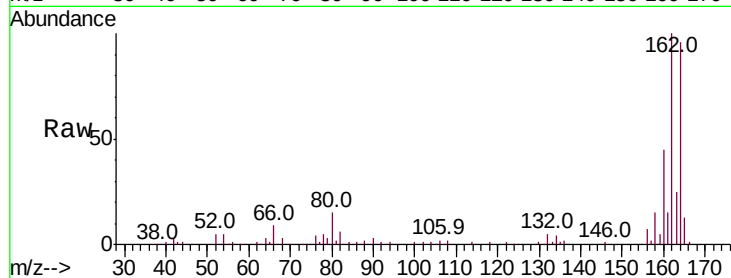
Tot Ion:164 Resp: 68294

Ion Ratio Lower Upper

164 100

162 104.6 86.6 130.0

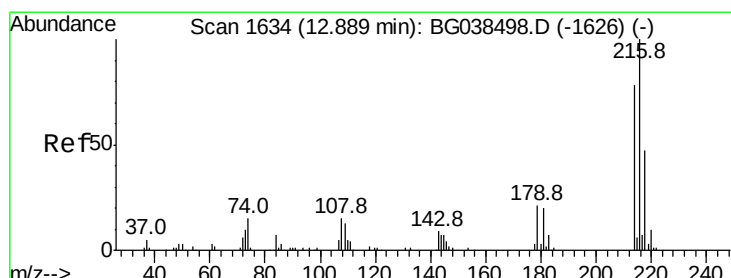
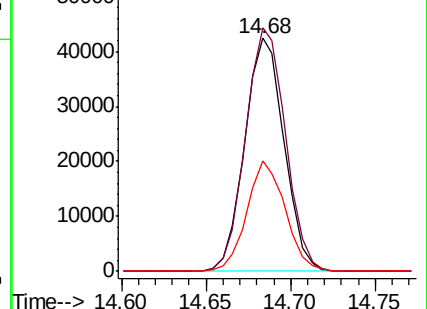
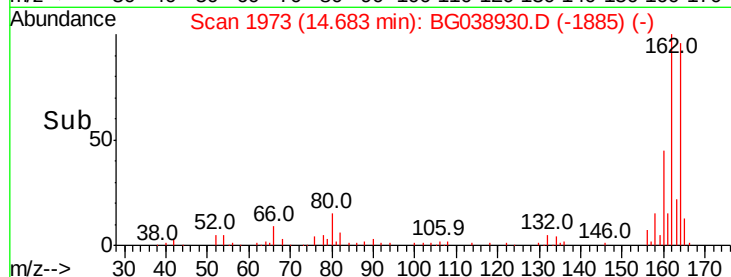
160 47.5 34.2 51.2



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: 39.714 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:216 Resp: 101383

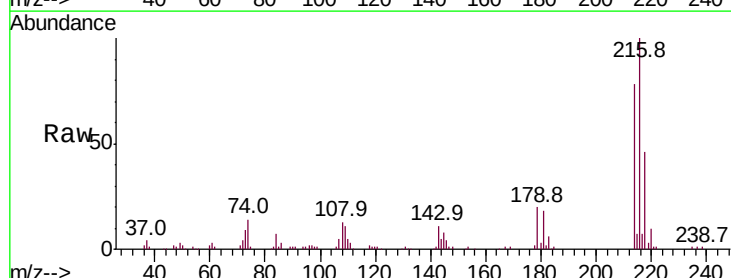
Ion Ratio Lower Upper

216 100

214 80.5 64.1 96.1

179 20.9 16.4 24.6

108 13.4 13.9 20.9#

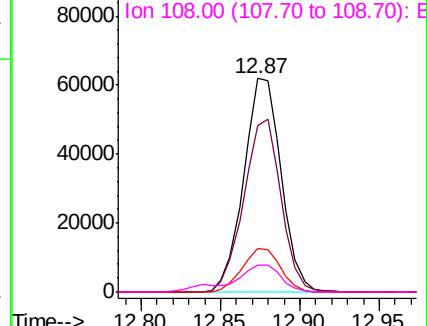
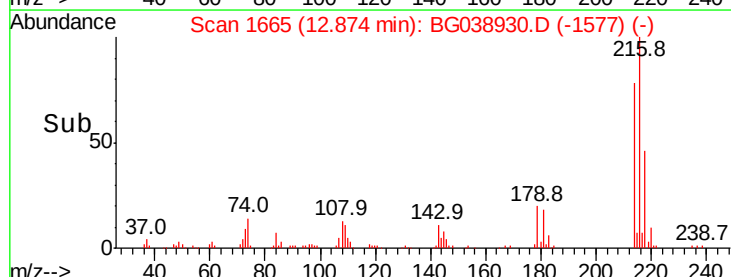


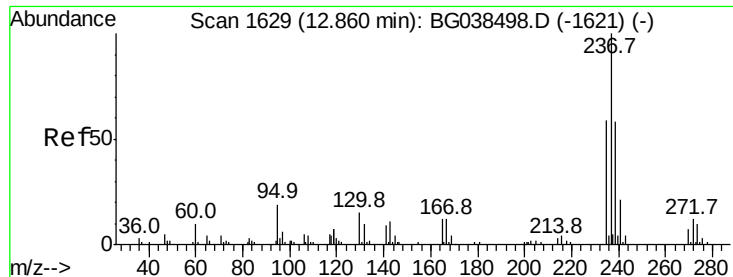
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.050 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

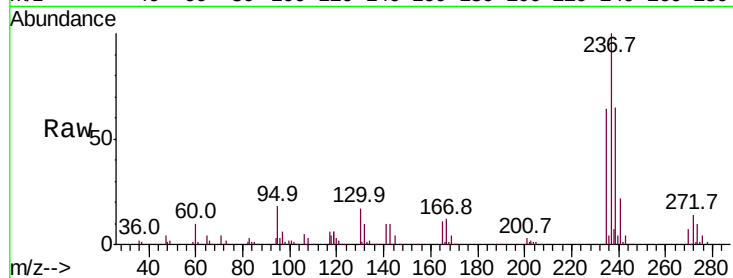
Tot Ion:237 Resp: 115075

Ion Ratio Lower Upper

237 100

235 63.7 38.8 78.8

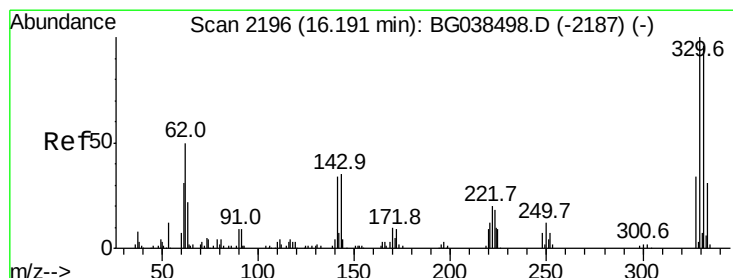
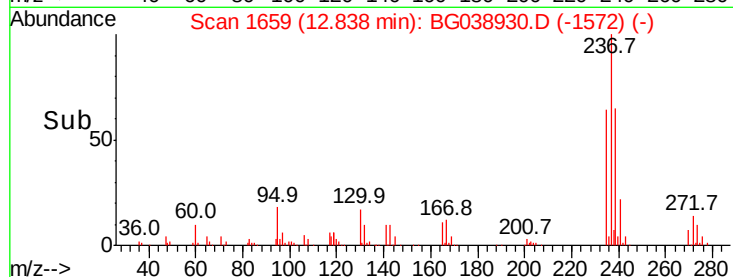
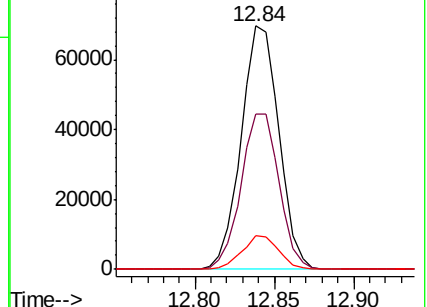
272 13.7 0.0 32.0



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: 140.178 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

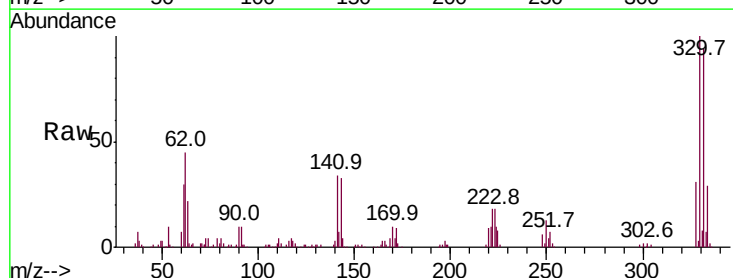
Tgt Ion:330 Resp: 131938

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

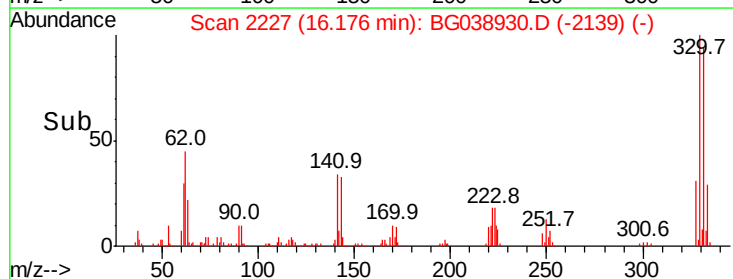
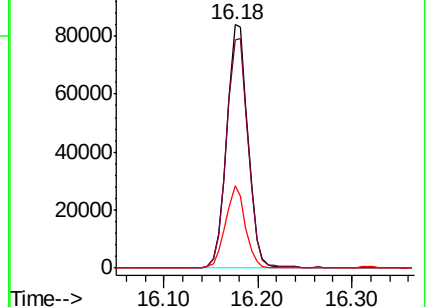
141 31.7 28.8 43.2

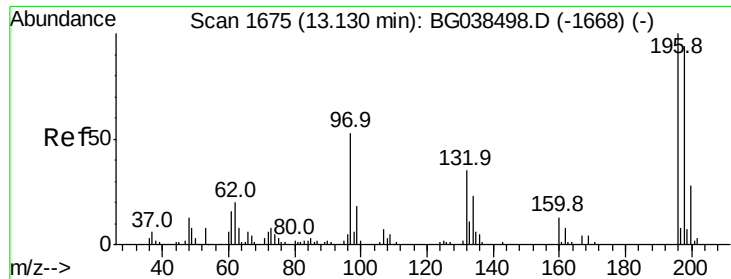


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

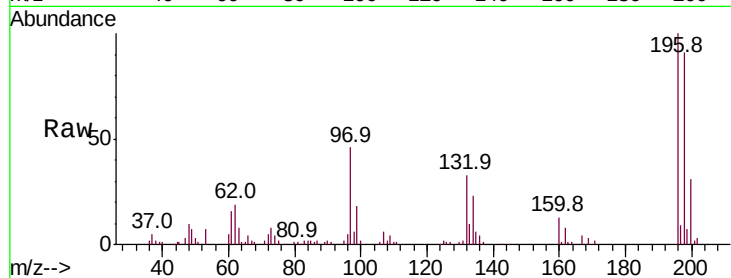




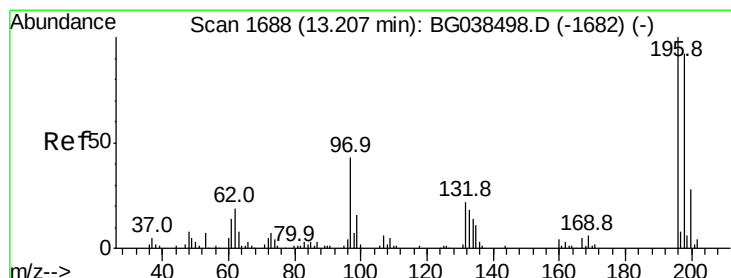
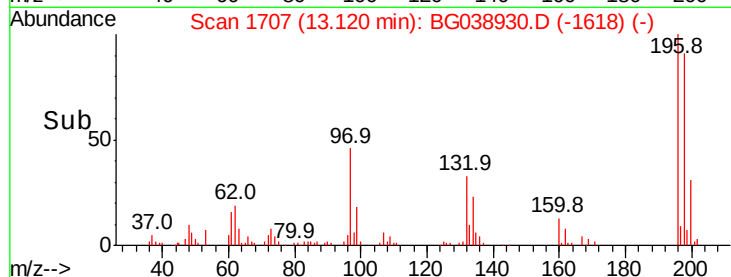
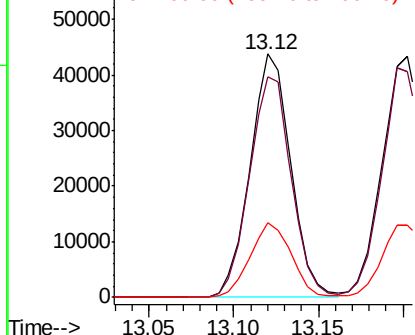
#43
 2,4,6-Trichlorophenol
 Concen: 46.637 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 73202
 Ion Ratio Lower Upper
 196 100
 198 90.6 75.0 112.4
 200 30.8 22.4 33.6

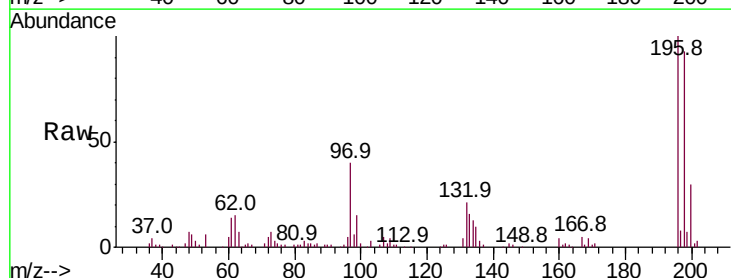


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

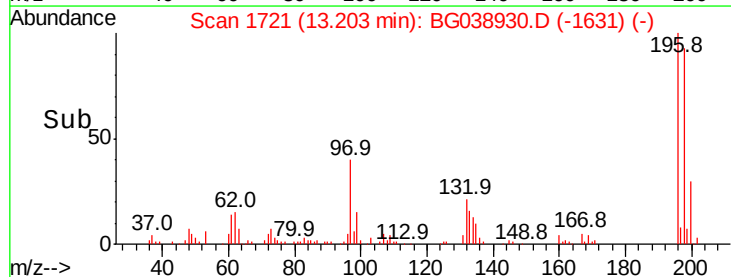
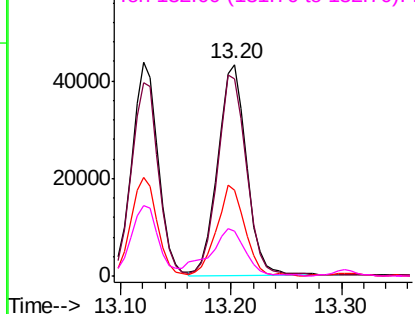


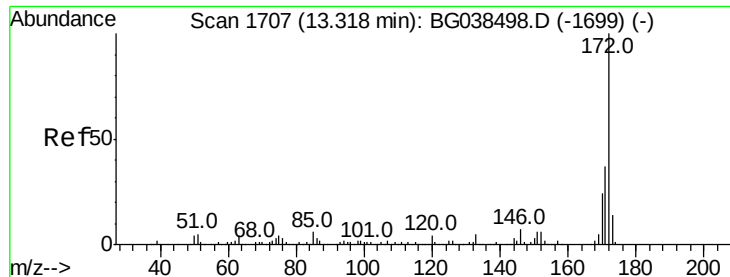
#44
 2,4,5-Trichlorophenol
 Concen: 47.145 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion:196 Resp: 78349
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.0 111.0
 97 40.3 35.1 52.7
 132 20.9 18.0 27.0



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

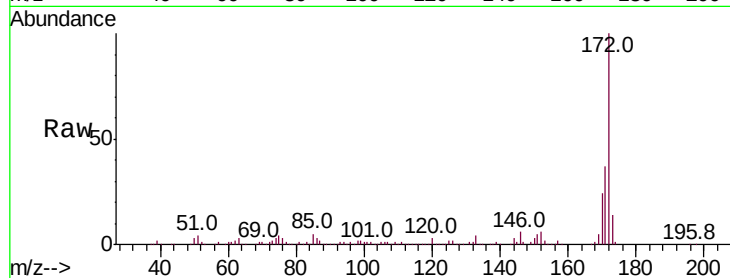




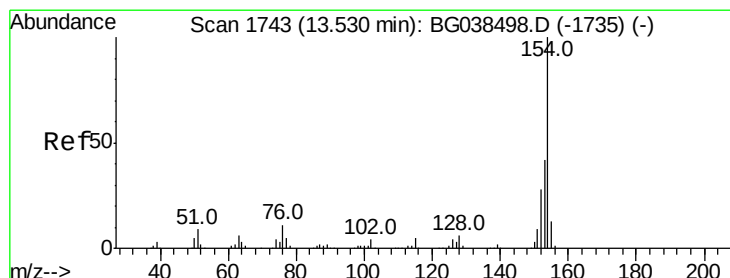
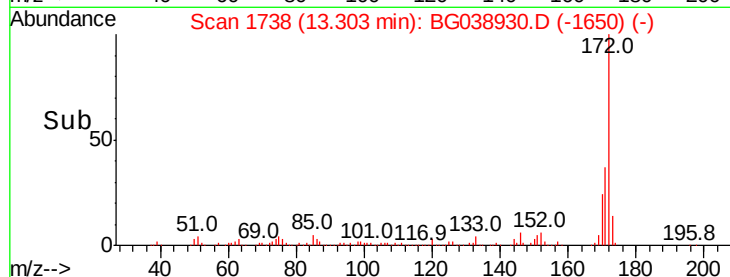
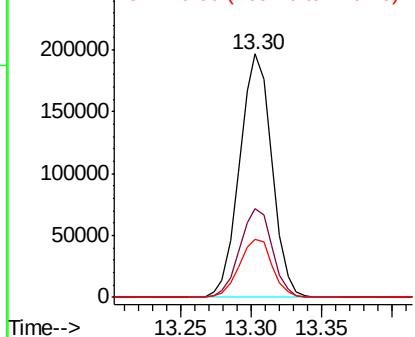
#45
2-Fluorobiphenyl
Concen: 63.107 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 314160
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 23.9 19.5 29.3

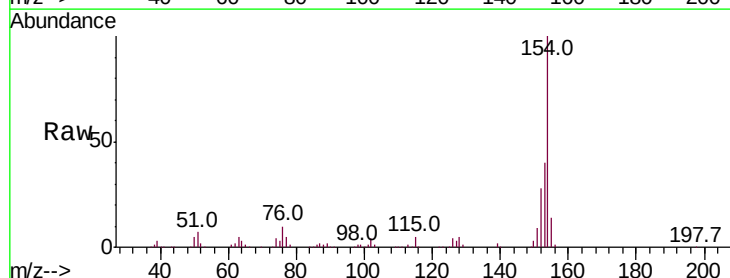


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

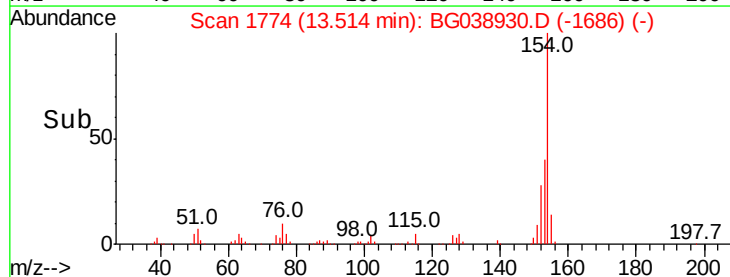
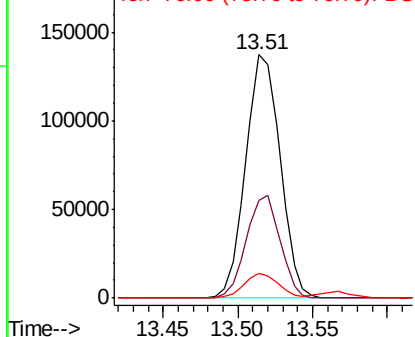


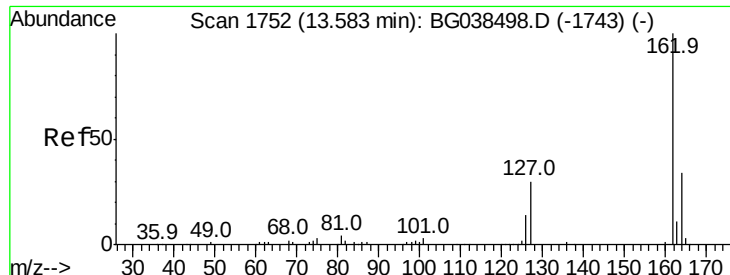
#46
1,1'-Biphenyl
Concen: 38.314 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:154 Resp: 219355
Ion Ratio Lower Upper
154 100
153 40.4 22.1 62.1
76 10.1 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

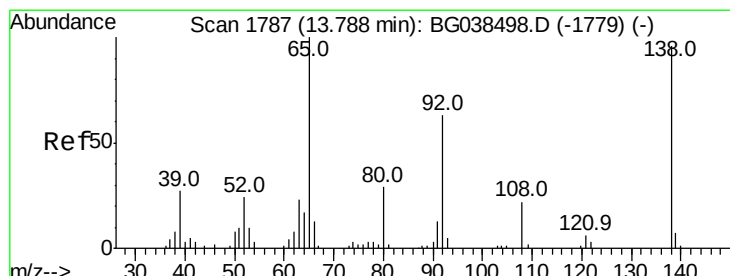
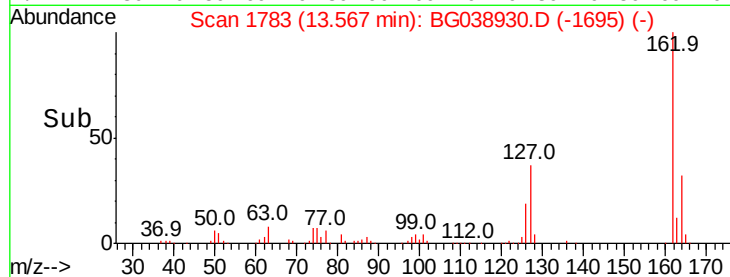
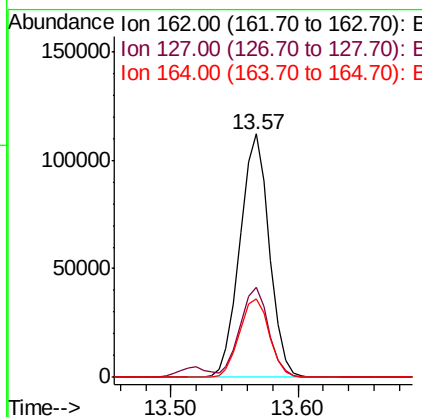
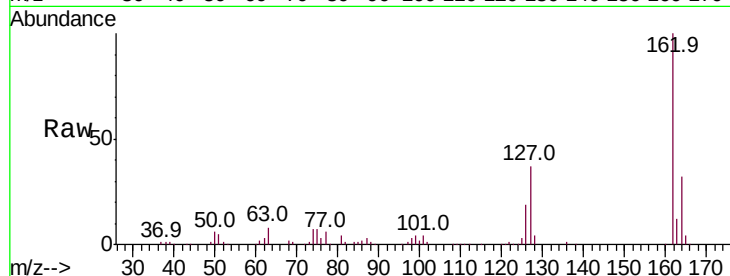




#47
 2-Chloronaphthalene
 Concen: 40.444 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

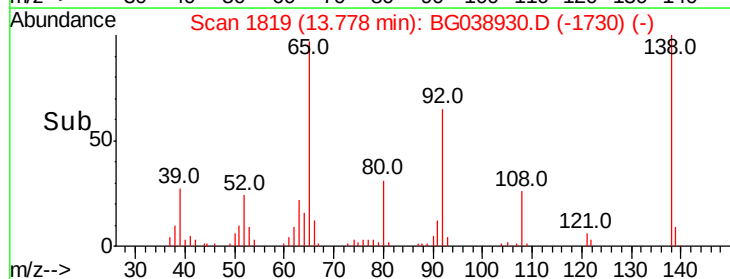
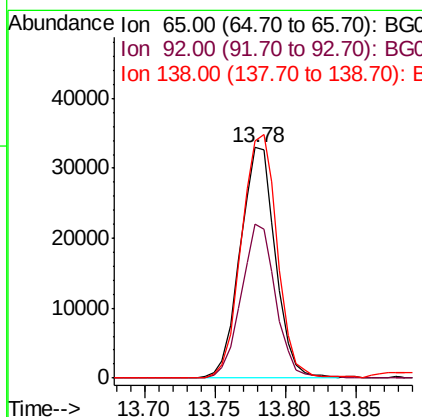
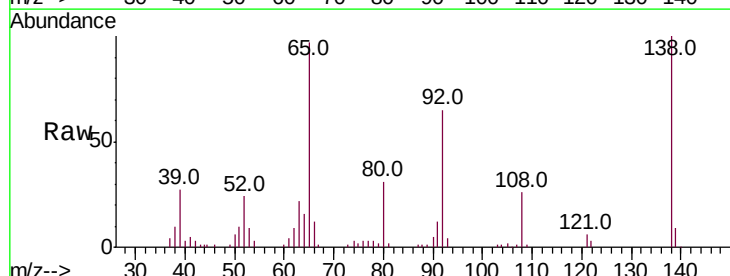
Instrument :
 BNA_G
 ClientSampled :

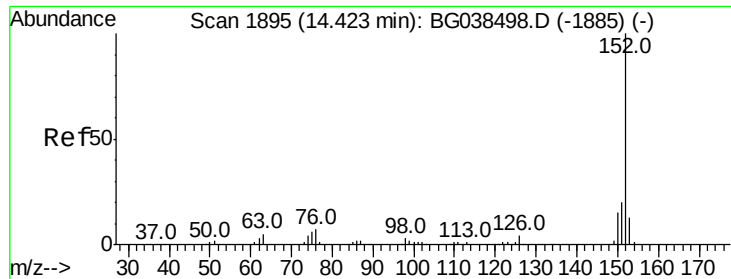
Tot Ion:	162	Resp:	178863
Ion	Ratio	Lower	Upper
162	100		
127	36.8	27.8	41.8
164	32.1	26.9	40.3



#48
 2-Nitroaniline
 Concen: 40.740 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion:	65	Resp:	57389
Ion	Ratio	Lower	Upper
65	100		
92	66.7	50.0	75.0
138	102.7	76.9	115.3





#49

Acenaphthylene

Concen: 44.489 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

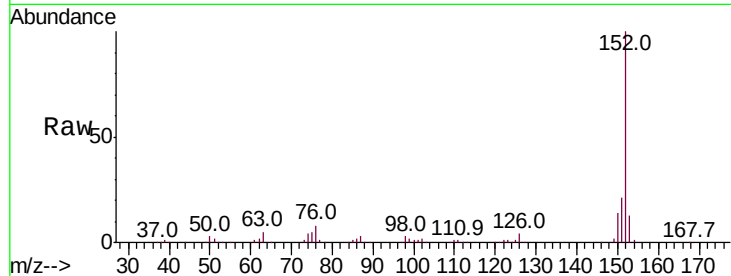
Tot Ion:152 Resp: 294134

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

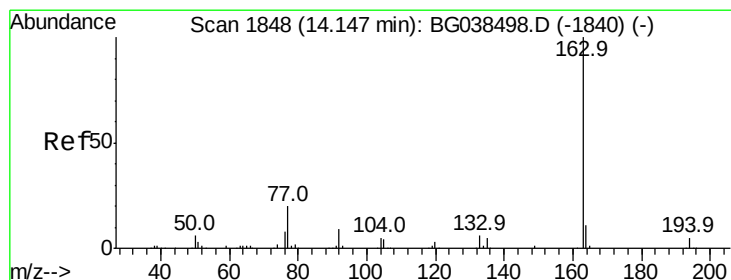
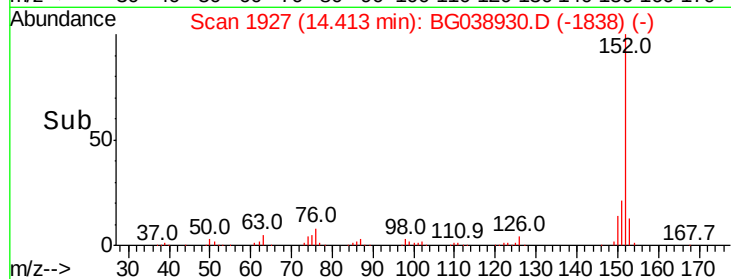
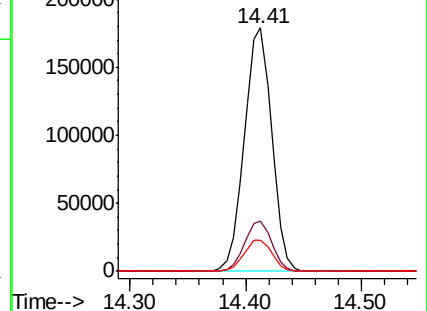
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.762 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

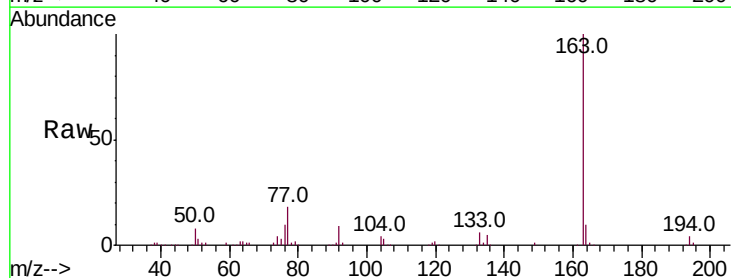
Tgt Ion:163 Resp: 244064

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

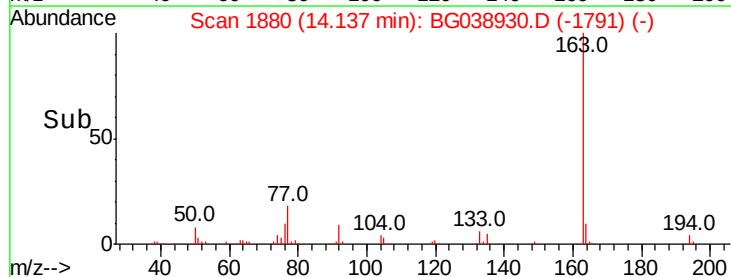
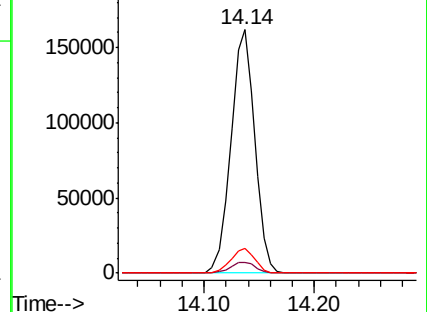
164 10.1 8.6 12.8

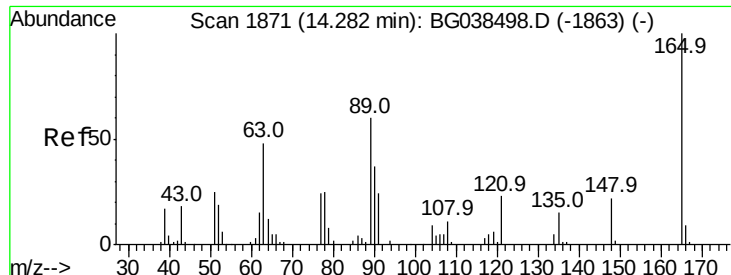


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.142 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

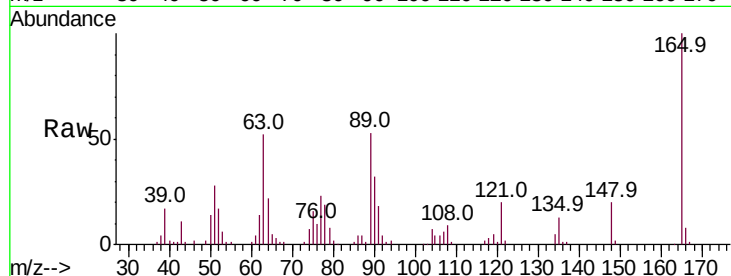
Tot Ion:165 Resp: 55790

Ion Ratio Lower Upper

165 100

63 51.7 51.8 77.6#

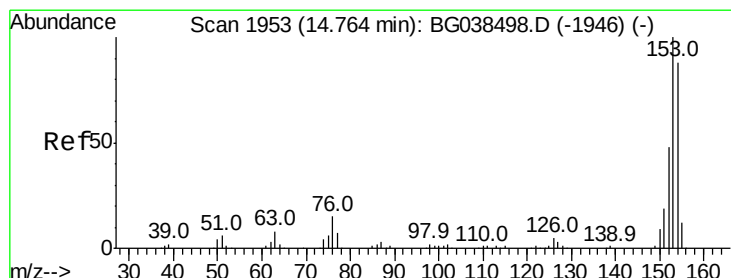
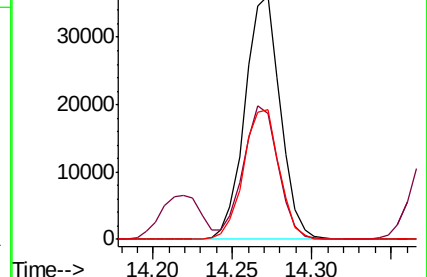
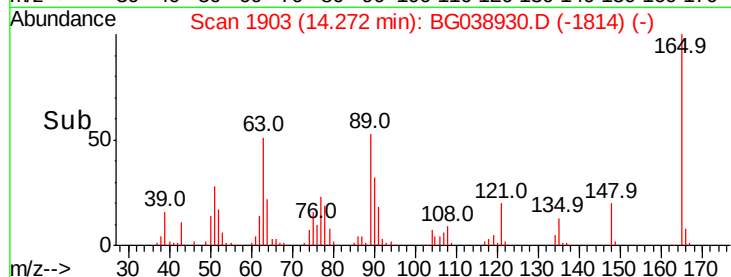
89 53.0 47.9 71.9



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: 42.619 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

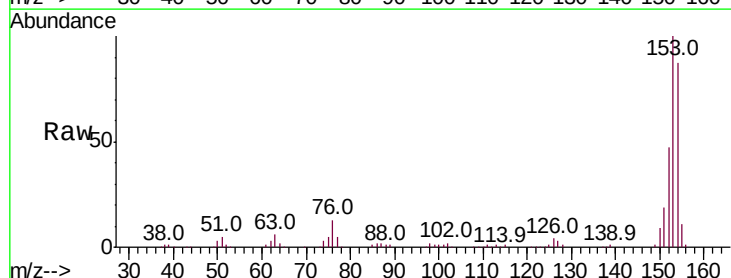
Tgt Ion:154 Resp: 168487

Ion Ratio Lower Upper

154 100

153 114.9 90.6 136.0

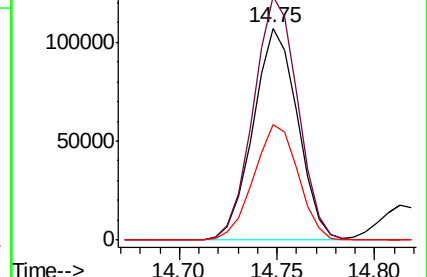
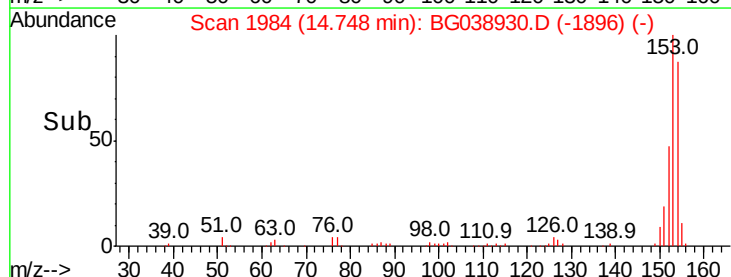
152 54.4 43.5 65.3

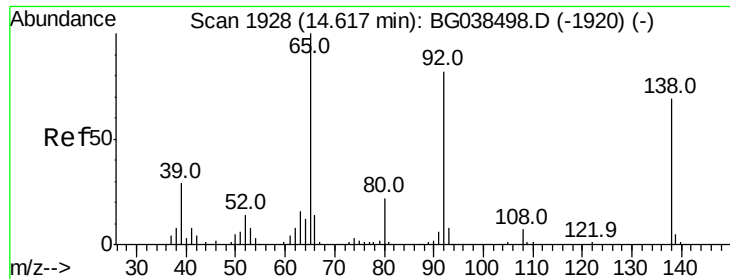


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

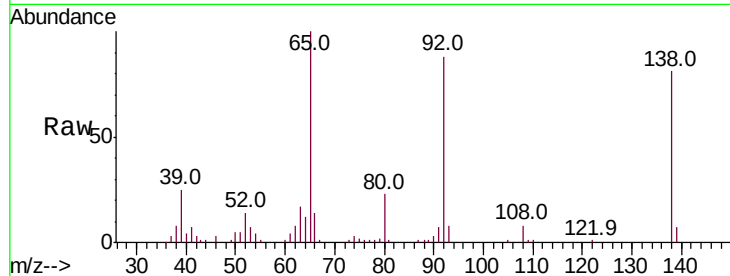




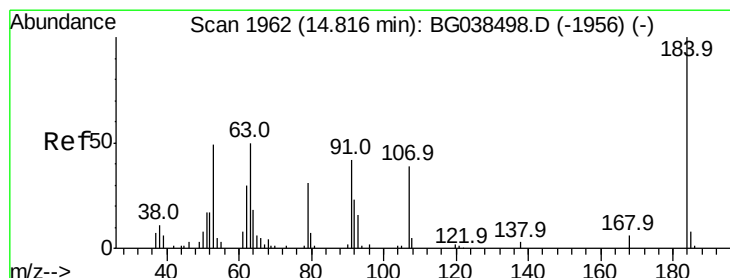
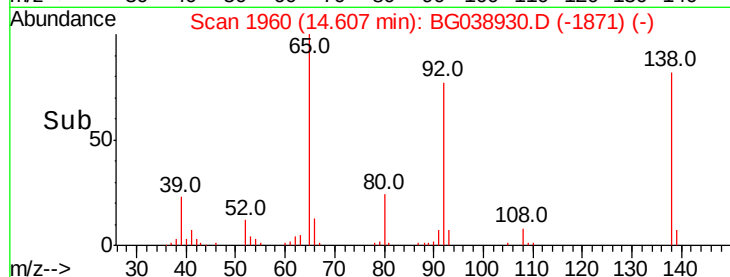
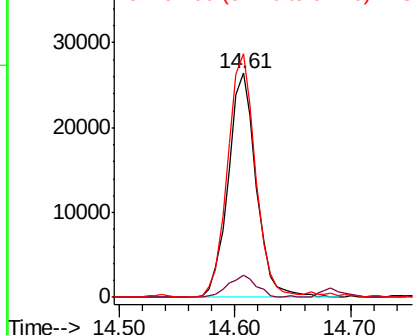
#53
3-Nitroaniline
Concen: 34.254 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 44132
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 108.7 95.3 142.9

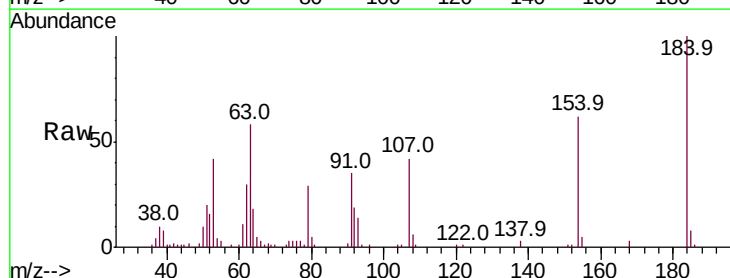


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

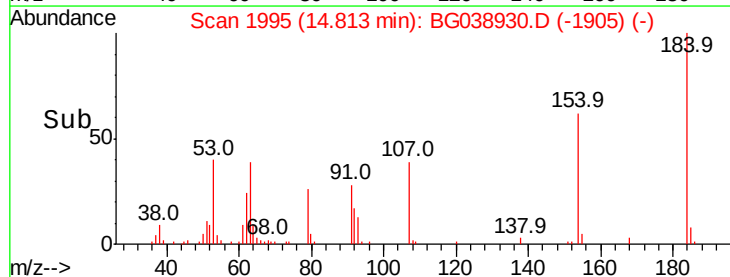
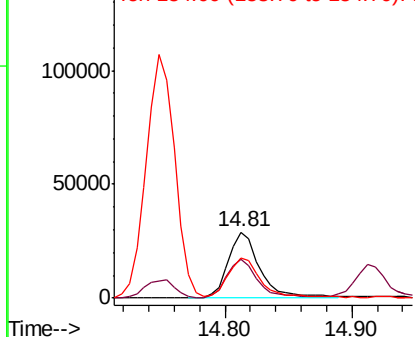


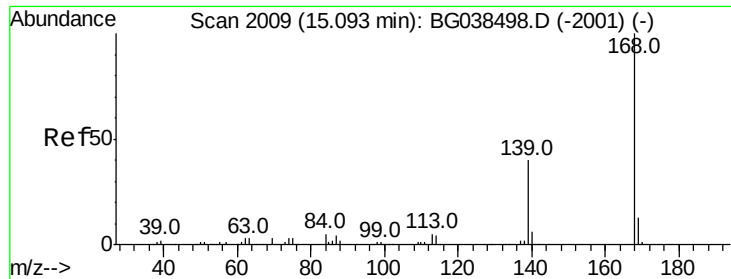
#54
2,4-Dinitrophenol
Concen: 67.144 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:184 Resp: 49823
Ion Ratio Lower Upper
184 100
63 58.2 47.0 70.6
154 61.6 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

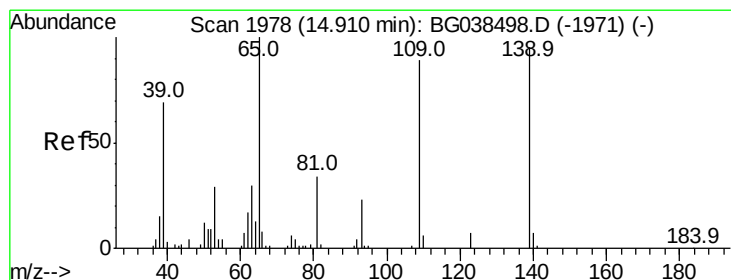
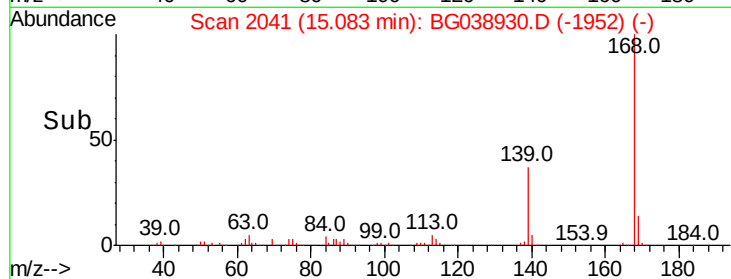
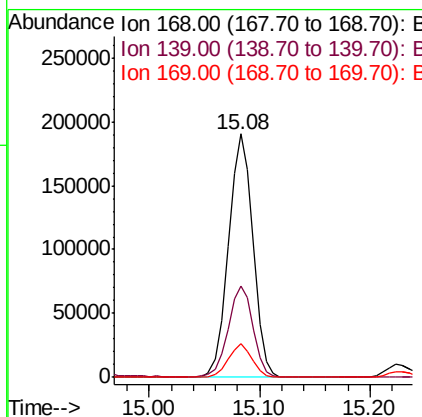
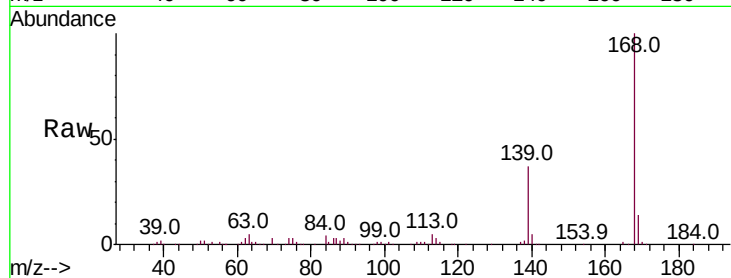




#55
Dibenzenofuran
Concen: 43.544 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

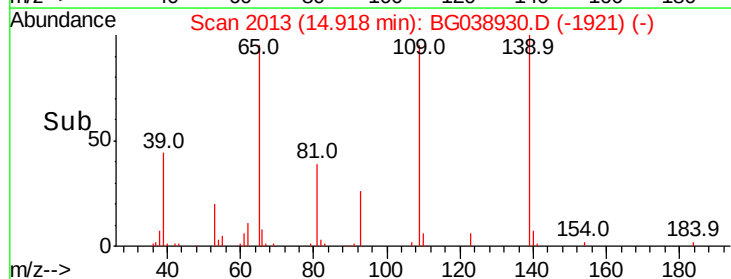
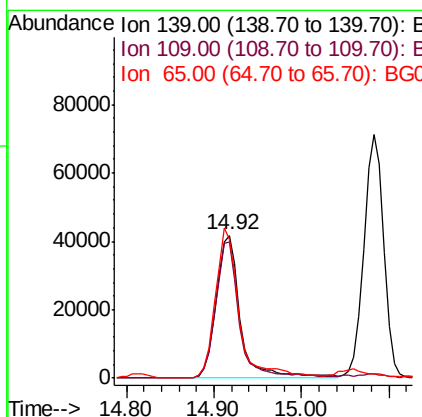
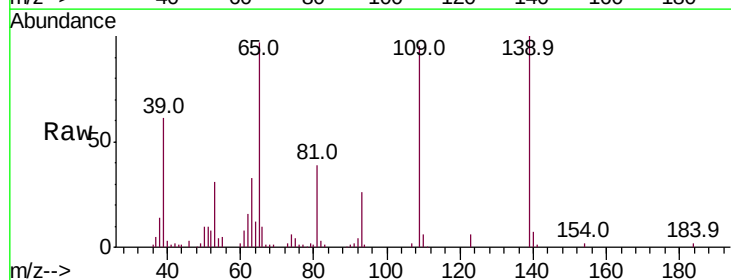
Instrument :
BNA_G
ClientSampled :

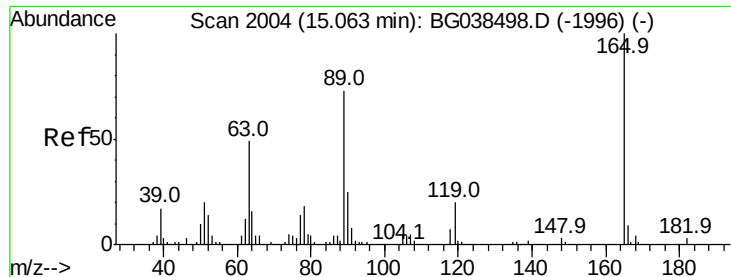
Tot Ion:168 Resp: 295082
Ion Ratio Lower Upper
168 100
139 37.4 32.2 48.2
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 81.801 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:139 Resp: 79951
Ion Ratio Lower Upper
139 100
109 95.5 73.6 113.6
65 96.9 84.8 124.8

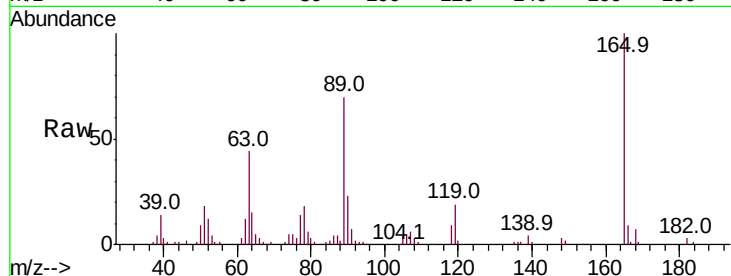




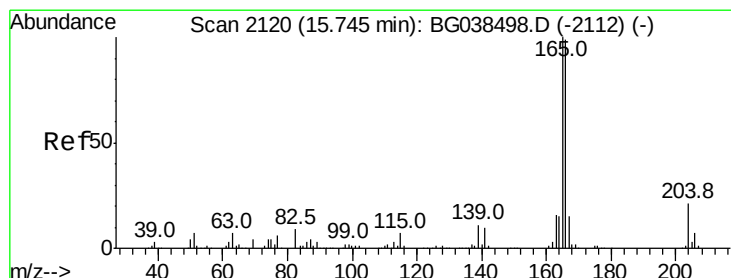
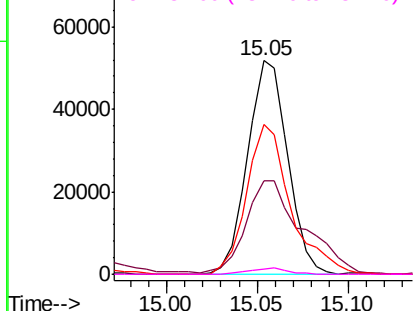
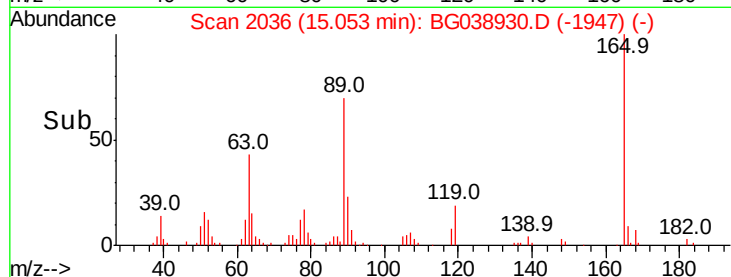
#57
2,4-Dinitrotoluene
Concen: 44.625 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 79438
Ion Ratio Lower Upper
165 100
63 43.7 39.0 58.4
89 69.9 58.0 87.0
182 2.7 2.3 3.5

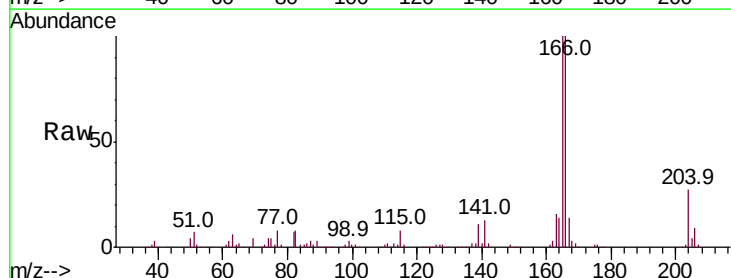


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

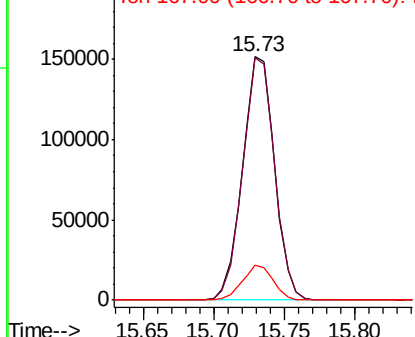
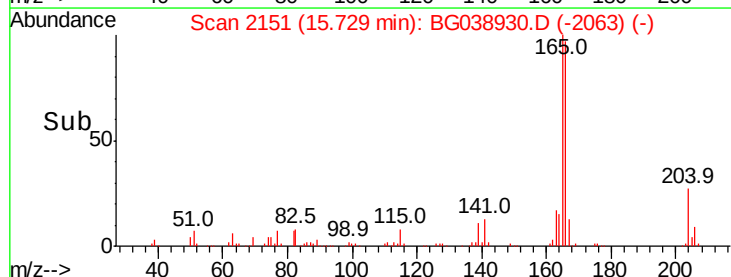


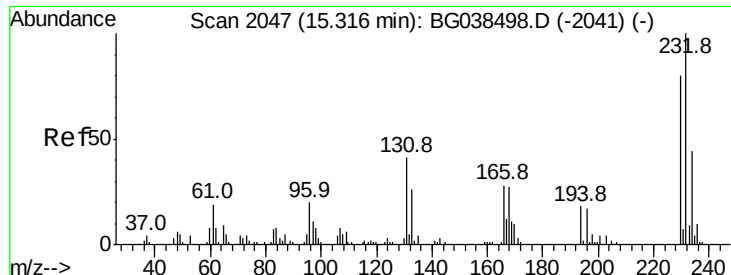
#58
Fluorene
Concen: 47.848 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:166 Resp: 240232
Ion Ratio Lower Upper
166 100
165 99.6 80.6 120.8
167 14.1 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

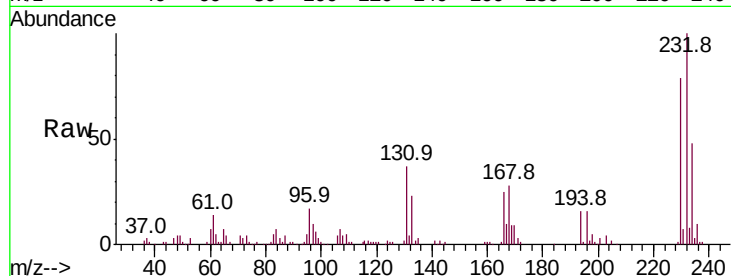




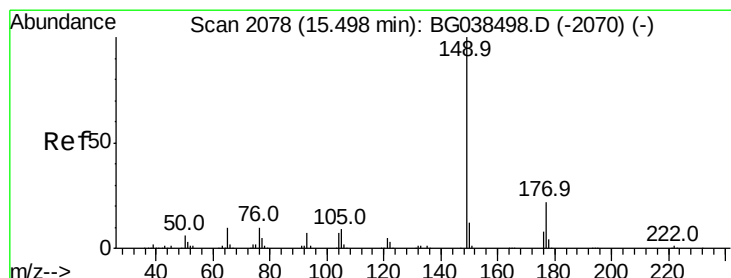
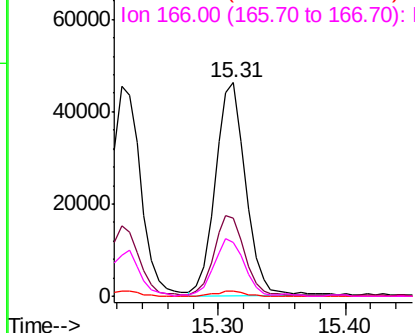
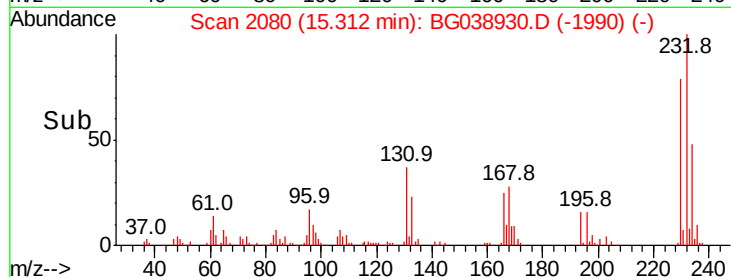
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.278 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 76670
 Ion Ratio Lower Upper
 232 100
 131 39.1 33.0 49.4
 130 2.3 2.0 3.0
 166 27.2 23.1 34.7

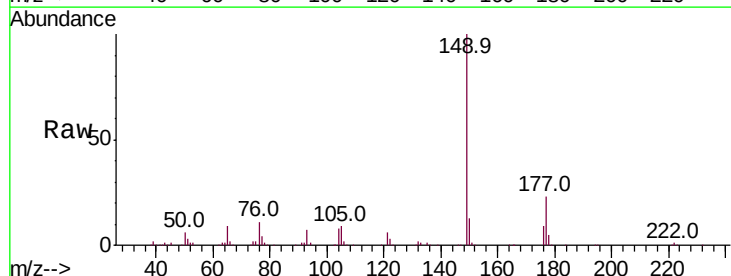


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

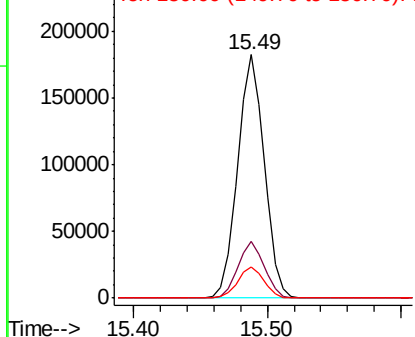
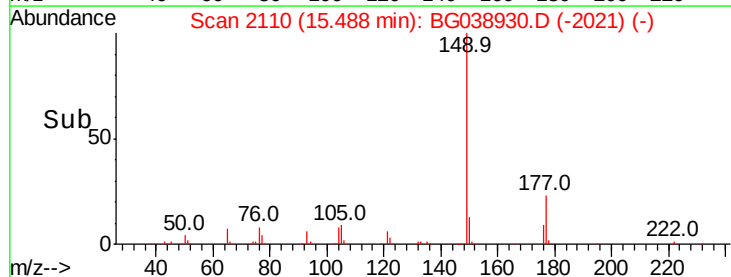


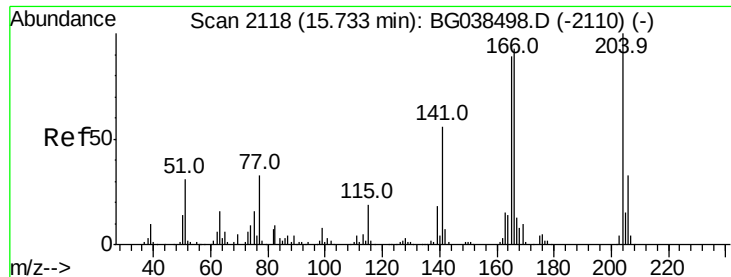
#60
 Diethylphthalate
 Concen: 41.029 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion:149 Resp: 251197
 Ion Ratio Lower Upper
 149 100
 177 23.2 17.7 26.5
 150 12.6 9.9 14.9



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

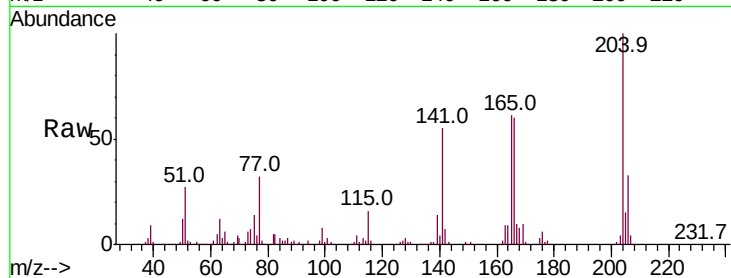




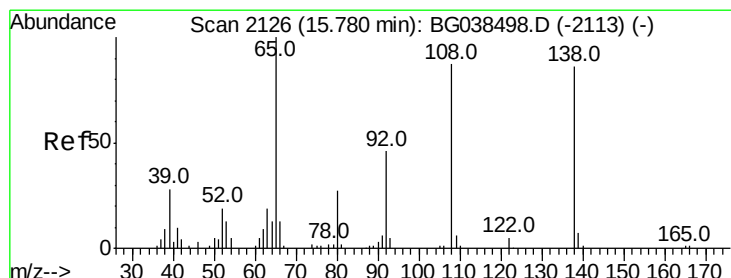
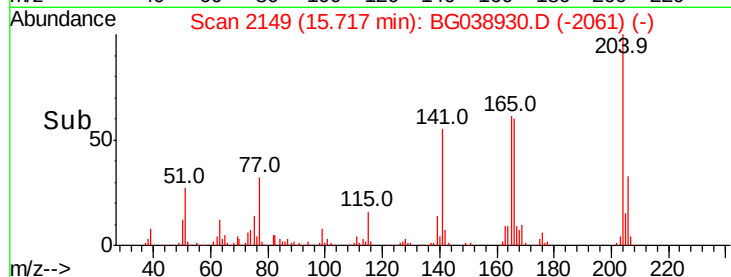
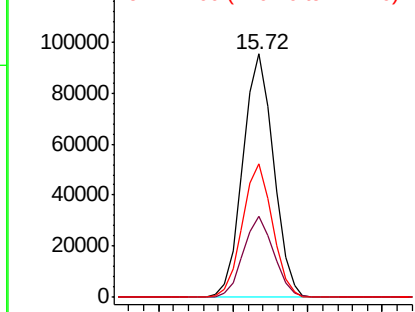
#61
4-Chlorophenyl-phenylether
Concen: 43.298 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 135635
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 55.1 44.4 66.6

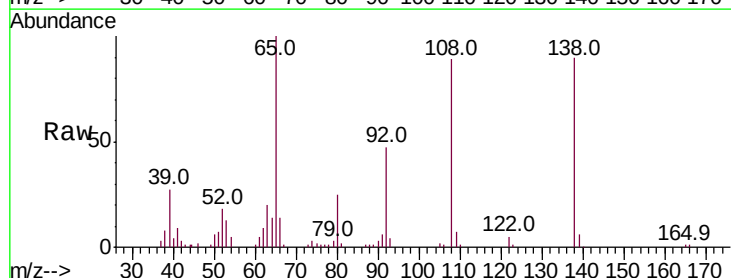


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

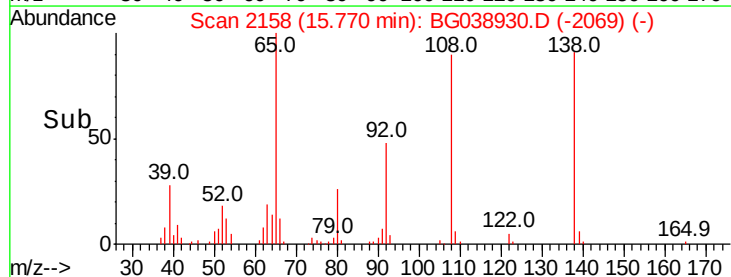
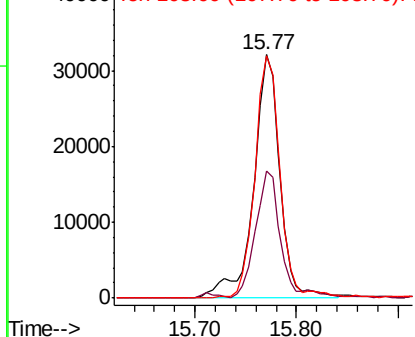


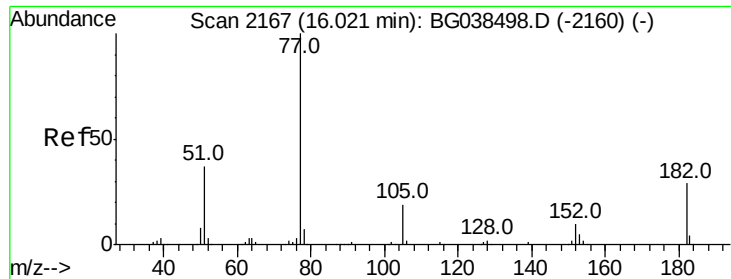
#62
4-Nitroaniline
Concen: 43.542 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:138 Resp: 57754
Ion Ratio Lower Upper
138 100
92 52.1 33.3 73.3
108 99.7 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

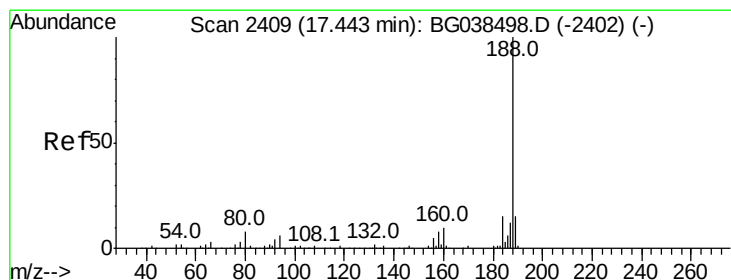
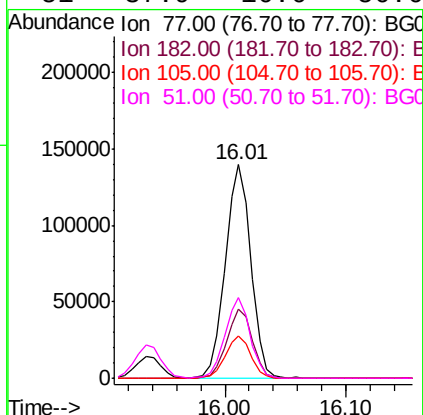
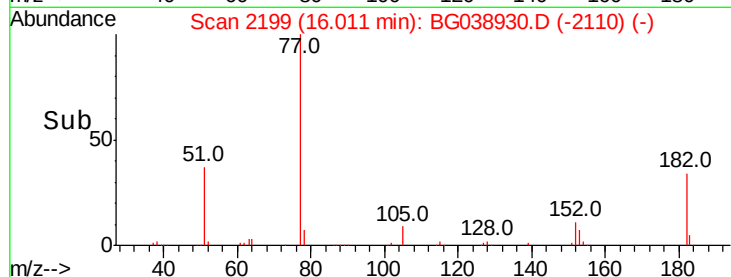
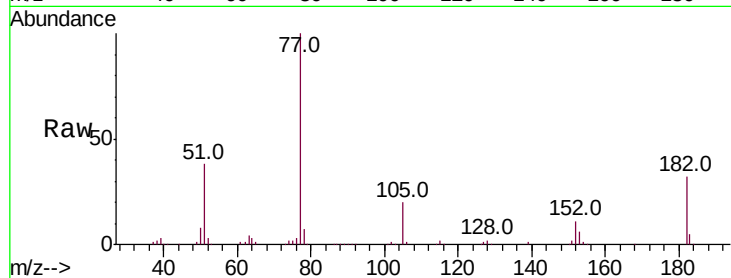




#63
Azobenzene
Concen: 40.050 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

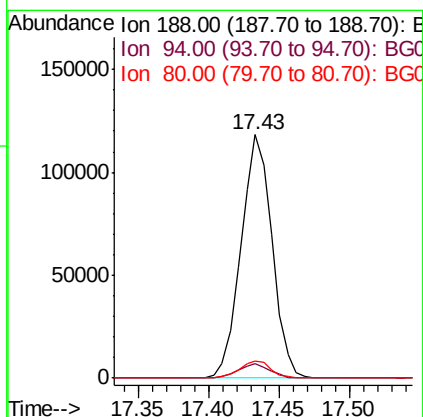
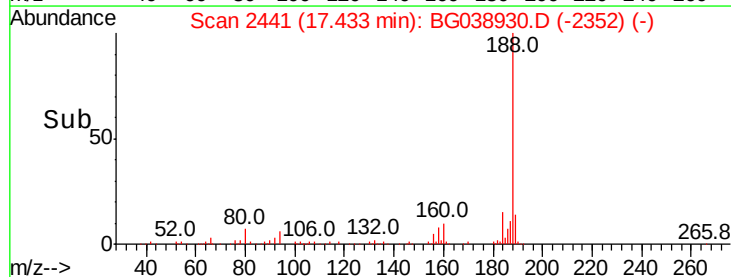
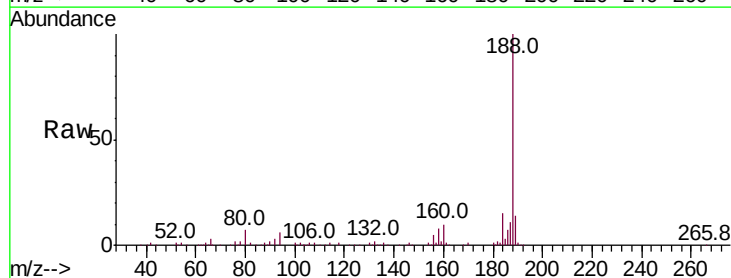
Instrument :
BNA_G
ClientSampleId :

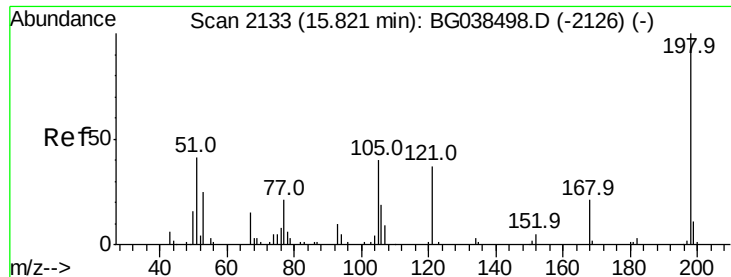
Tot Ion: 77 Resp: 204839
Ion Ratio Lower Upper
77 100
182 32.4 8.7 48.7
105 19.8 0.0 38.7
51 37.9 16.6 56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion: 188 Resp: 181670
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 6.8 6.1 9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.354 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

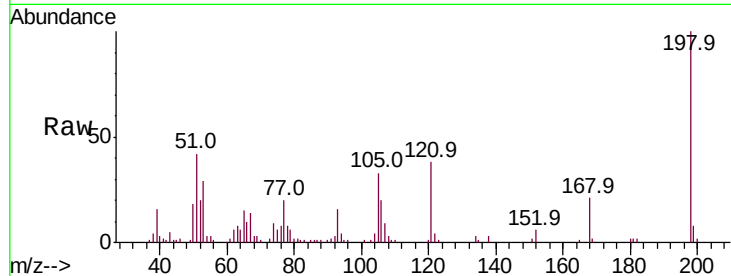
Tot Ion:198 Resp: 48409

Ion Ratio Lower Upper

198 100

51 41.7 28.6 68.6

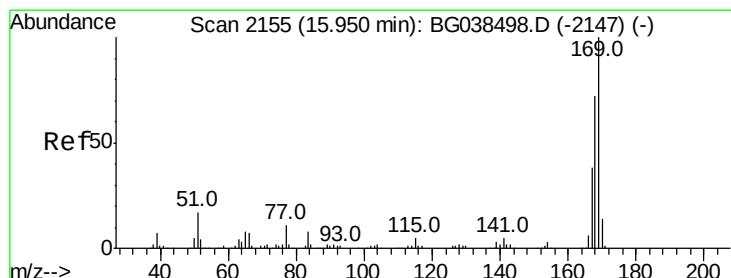
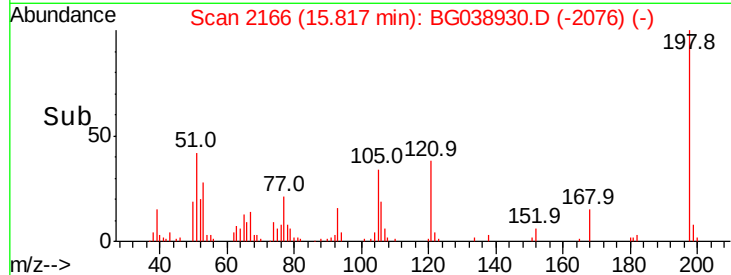
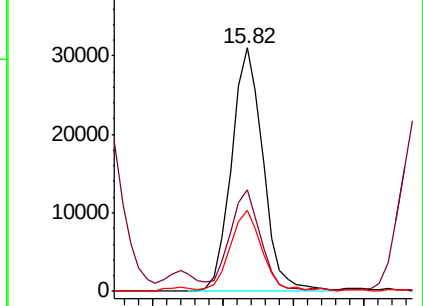
105 33.2 20.4 60.4



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: 41.504 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

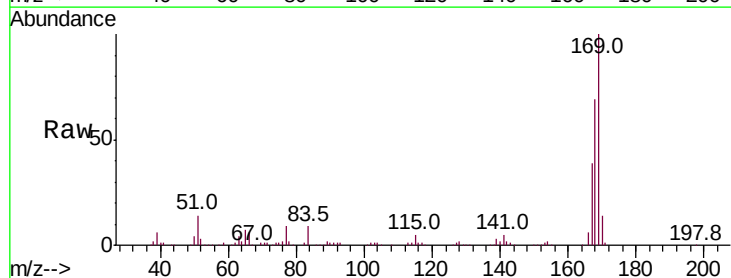
Tgt Ion:169 Resp: 221541

Ion Ratio Lower Upper

169 100

168 68.9 57.5 86.3

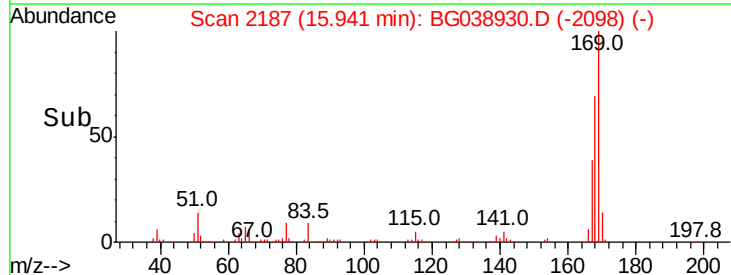
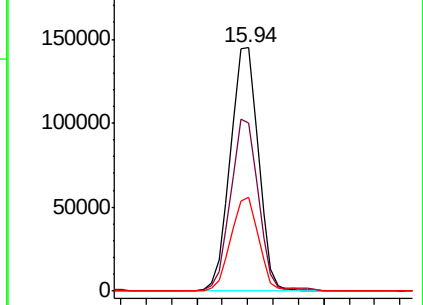
167 38.7 30.2 45.2

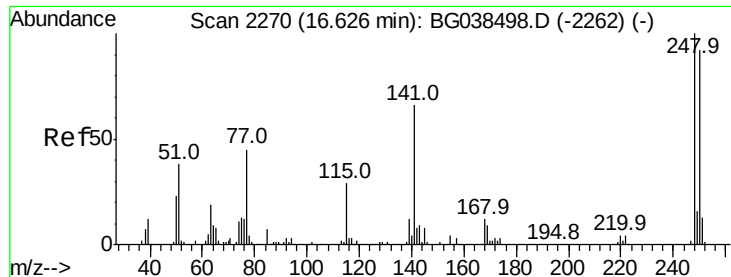


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.252 ng

RT: 16.62 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

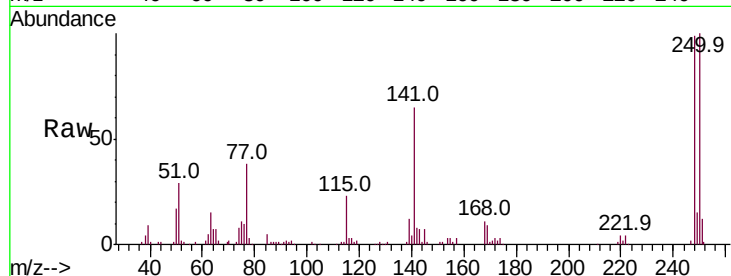
Tot Ion:248 Resp: 93745

Ion Ratio Lower Upper

248 100

250 100.7 73.4 110.2

141 66.0 52.9 79.3

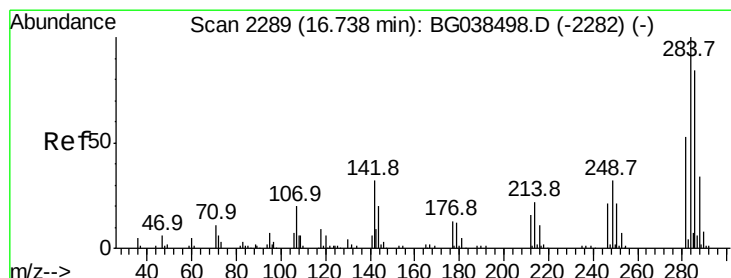
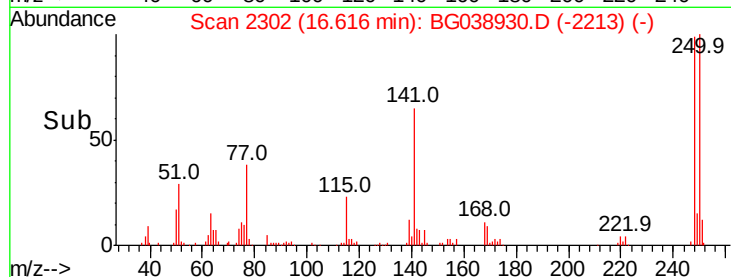
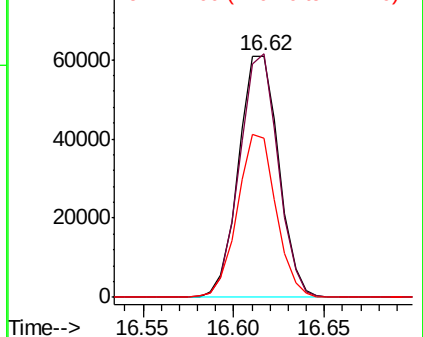


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.624 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

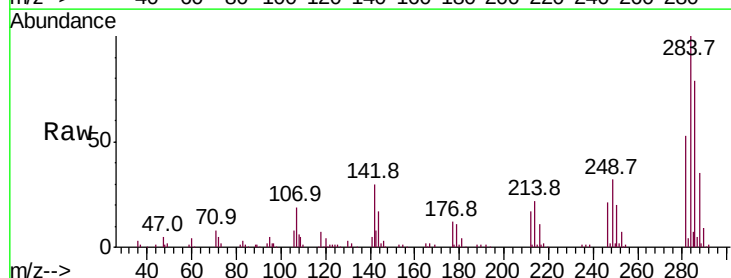
Tgt Ion:284 Resp: 100333

Ion Ratio Lower Upper

284 100

142 29.6 25.8 38.6

249 34.0 27.0 40.4

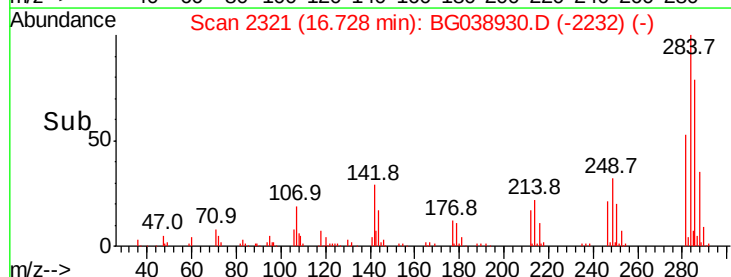
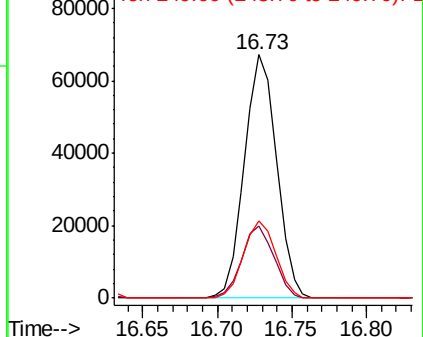


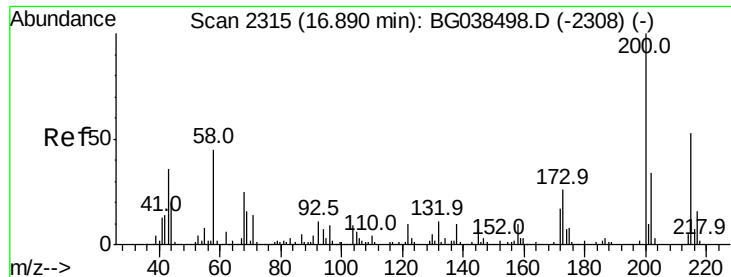
Abundance

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: 45.617 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

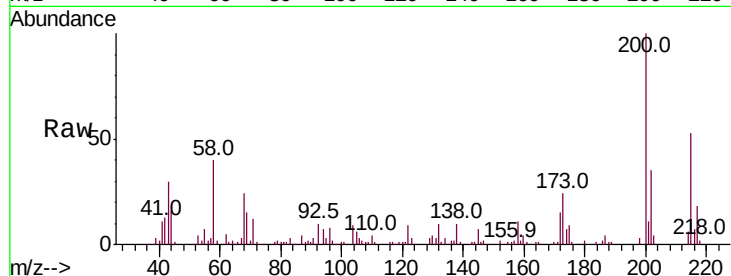
Tot Ion:200 Resp: 90365

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

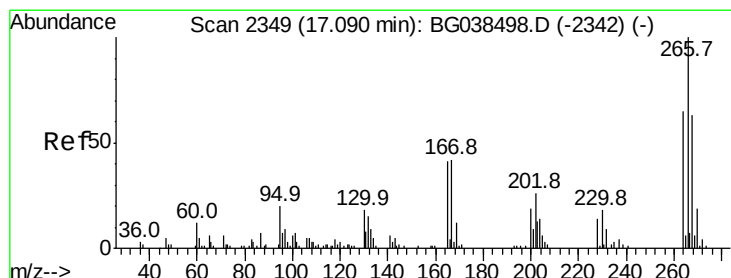
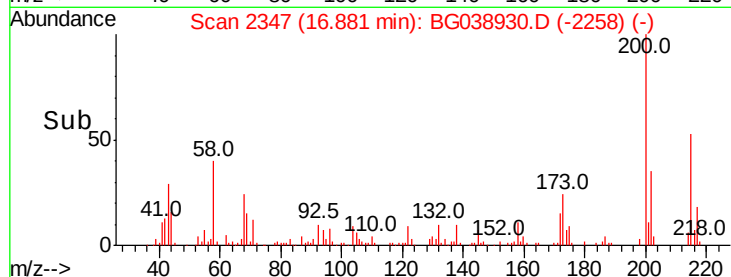
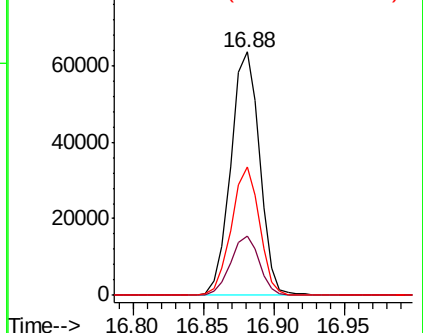
215 52.6 33.1 73.1



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: 74.588 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

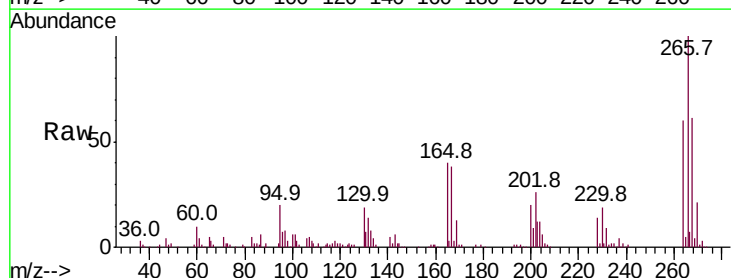
Tgt Ion:266 Resp: 101469

Ion Ratio Lower Upper

266 100

268 65.5 55.0 82.6

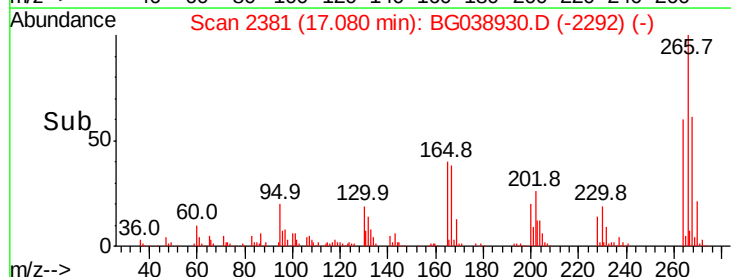
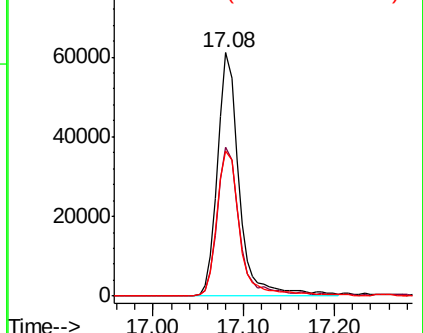
264 64.8 56.7 85.1

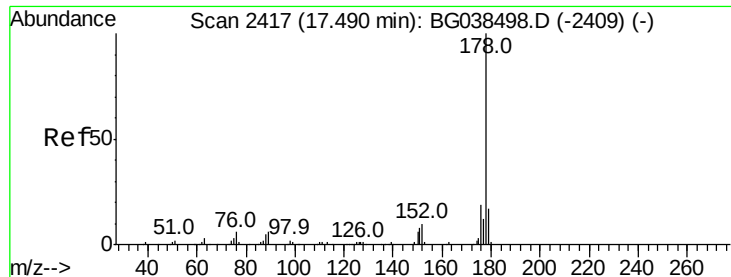


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.904 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

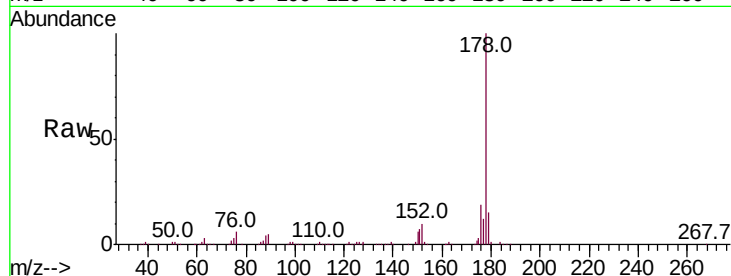
Tot Ion:178 Resp: 423034

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

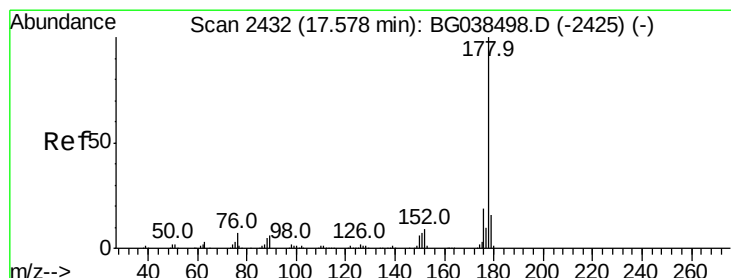
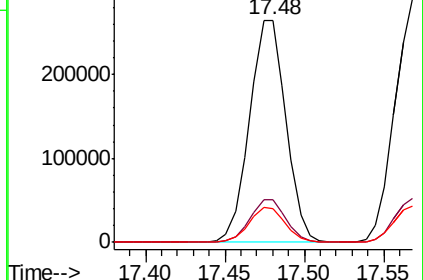
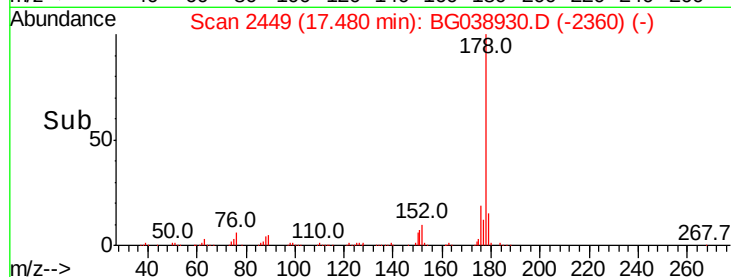
179 15.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.097 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

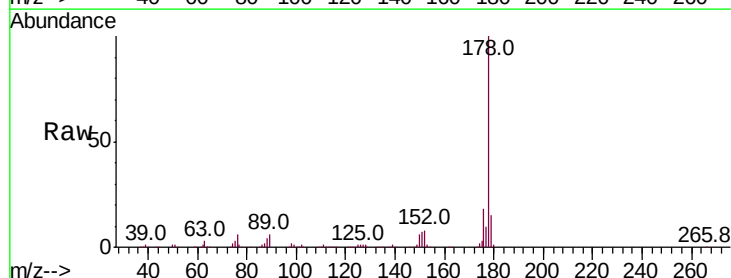
Tgt Ion:178 Resp: 428719

Ion Ratio Lower Upper

178 100

176 17.9 15.1 22.7

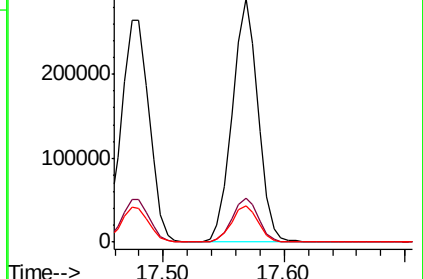
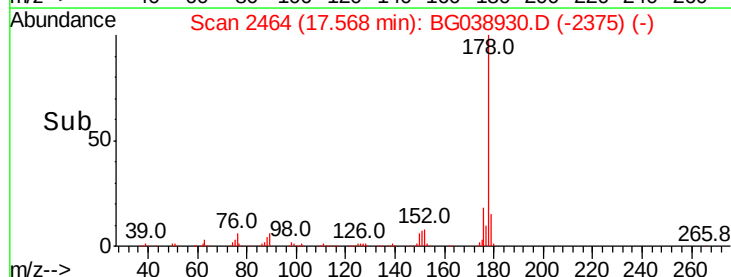
179 15.1 12.9 19.3

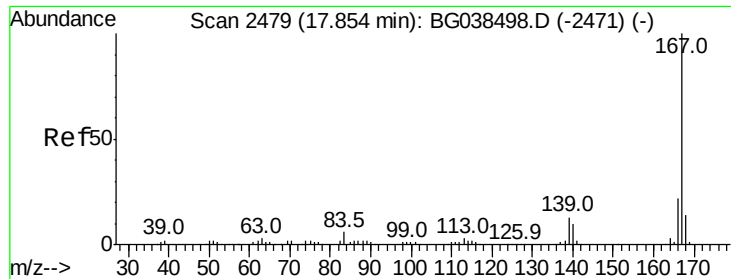


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



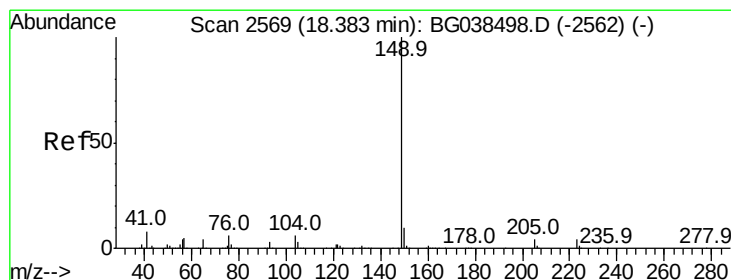
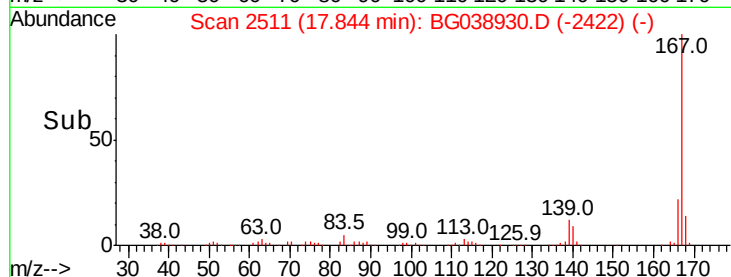
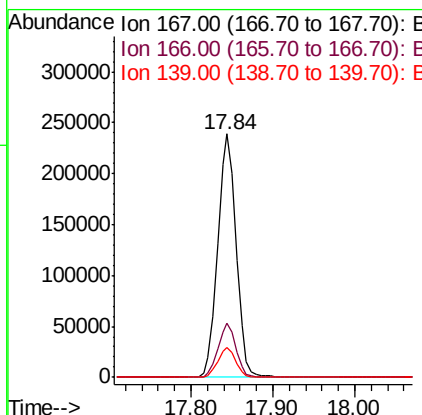
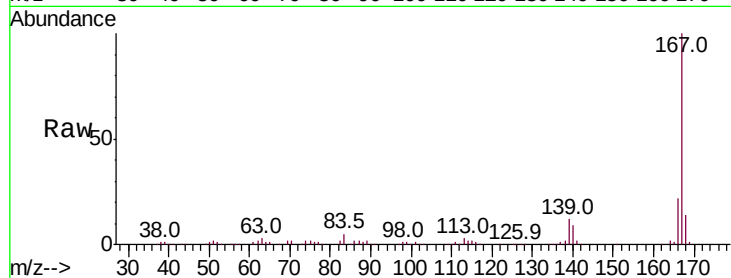


#73
 Carbazole
 Concen: 40.872 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 375930

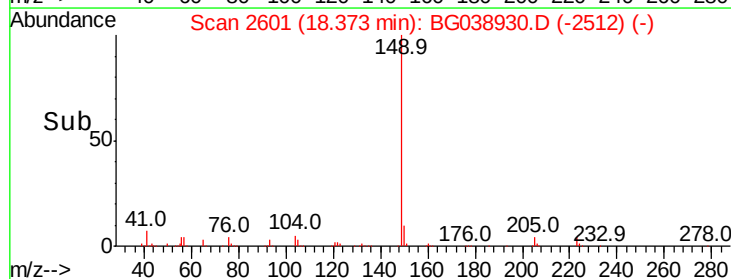
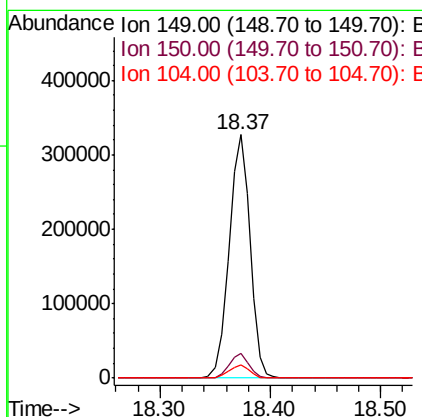
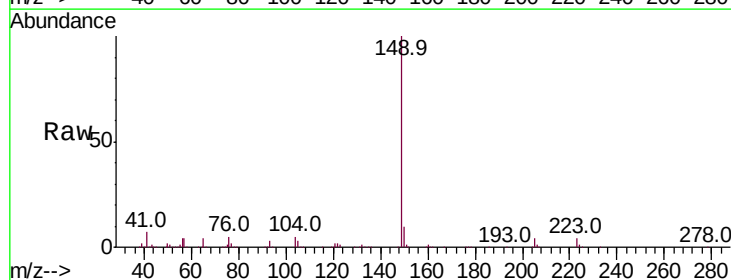
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	12.2	10.2	15.2

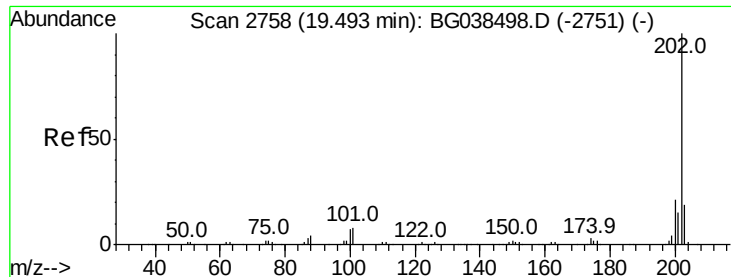


#74
 Di-n-butylphthalate
 Concen: 41.162 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion:149 Resp: 434427

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	5.4	5.0	7.4

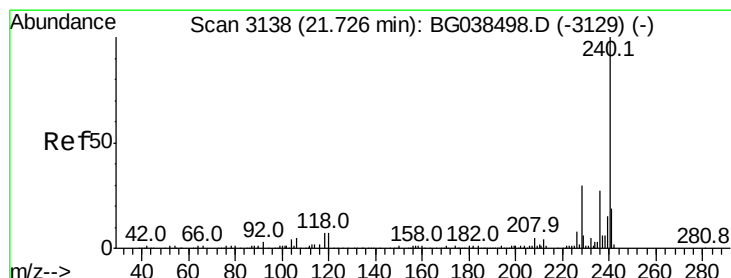
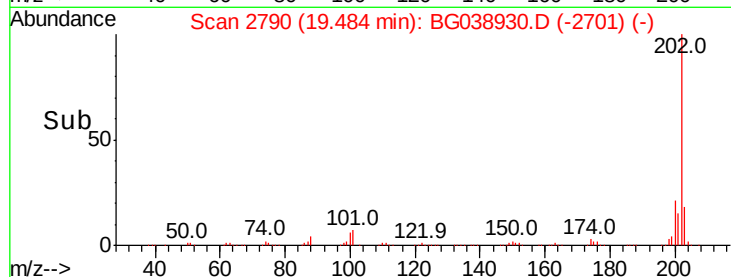
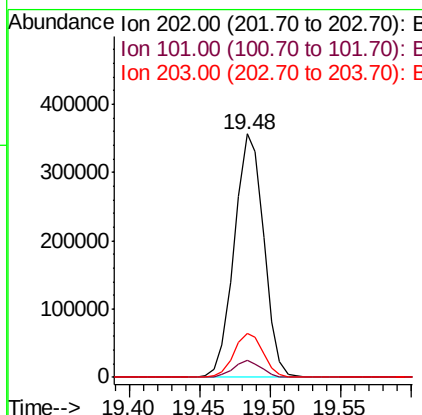
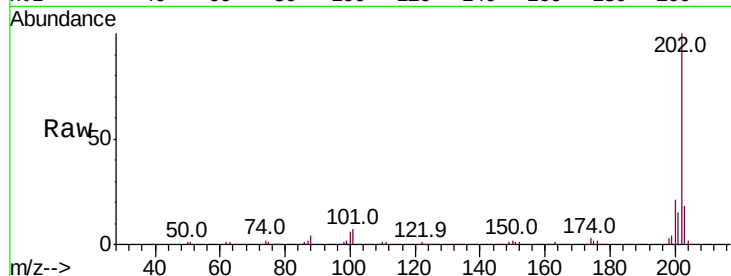




#75
 Fluoranthene
 Concen: 44.597 ng
 RT: 19.48 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

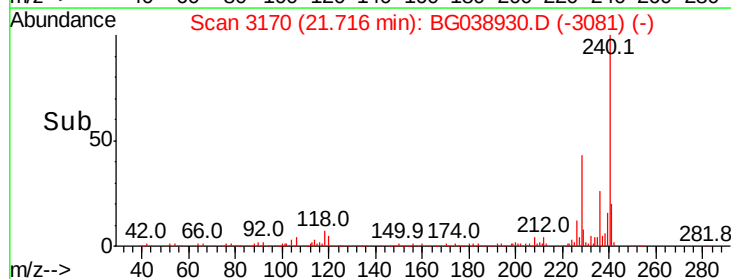
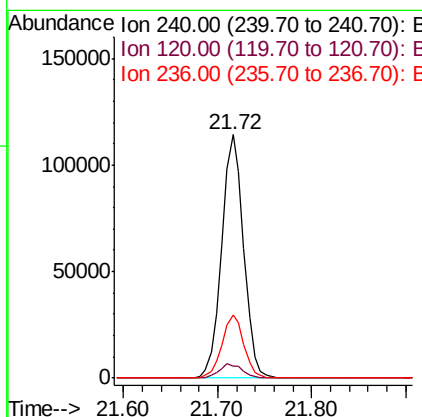
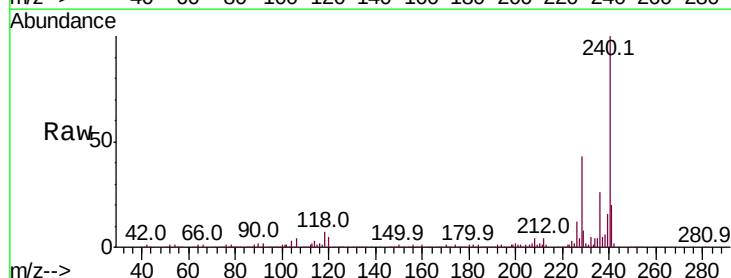
Instrument :
 BNA_G
 ClientSampleId :

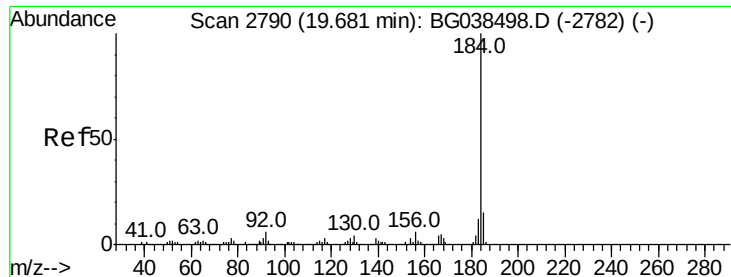
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.1
203	17.9	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.3	7.9#
236	26.1	21.4	32.2





#77

Benzidine

Concen: 37.246 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

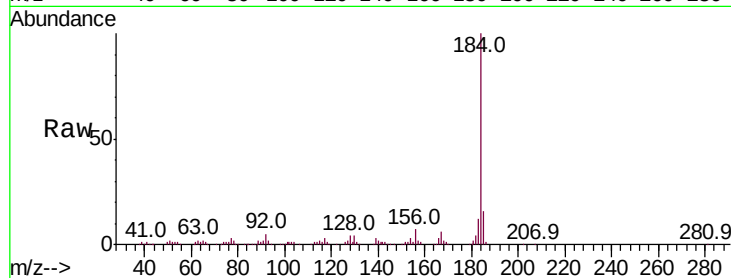
Tot Ion:184 Resp: 204261

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

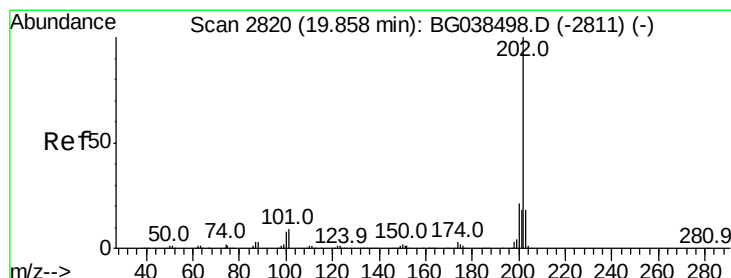
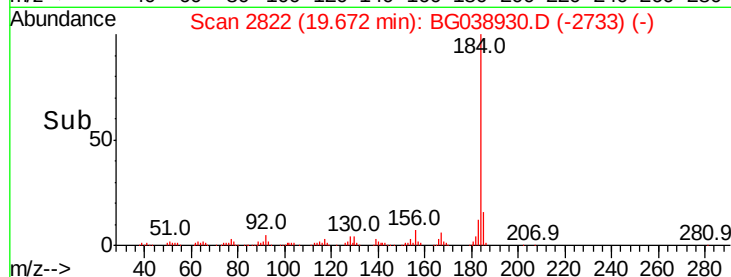
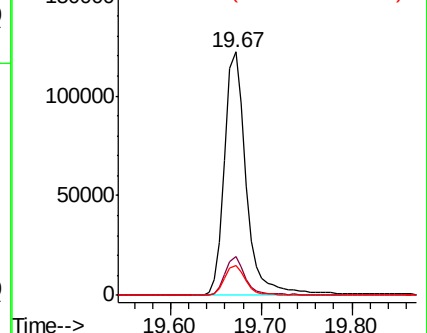
183 12.2 9.6 14.4



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: 42.297 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

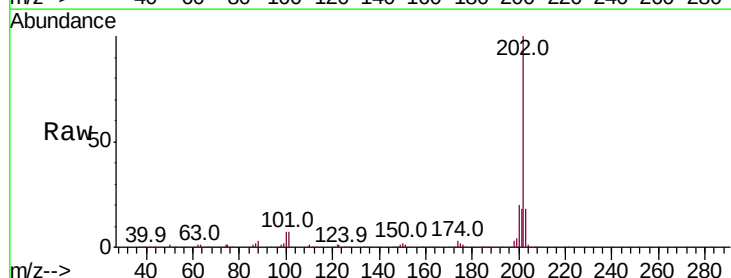
Tgt Ion:202 Resp: 518155

Ion Ratio Lower Upper

202 100

200 20.2 16.6 25.0

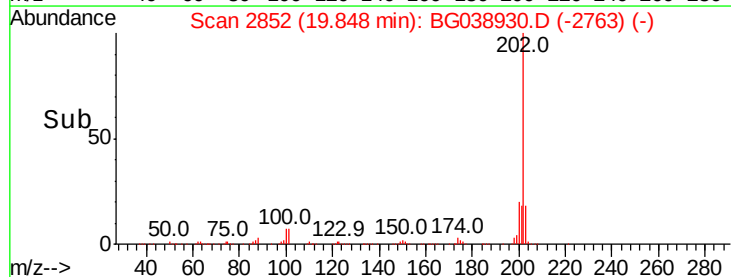
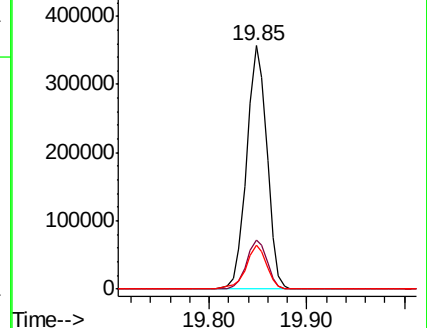
203 18.3 14.6 21.8

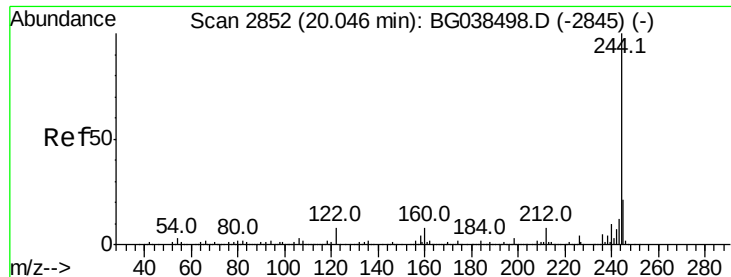


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.595 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

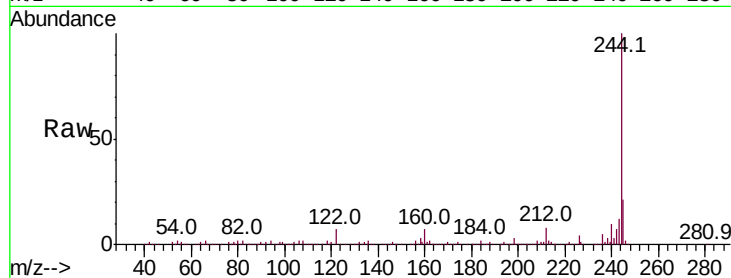
Tot Ion:244 Resp: 678194

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

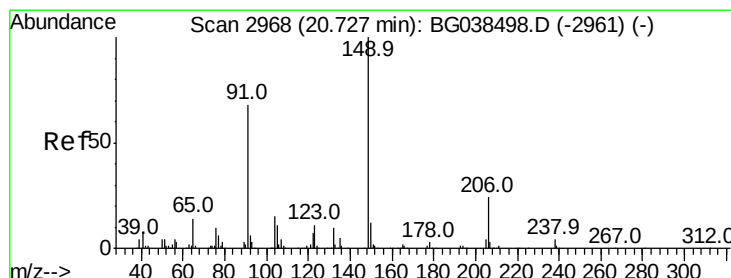
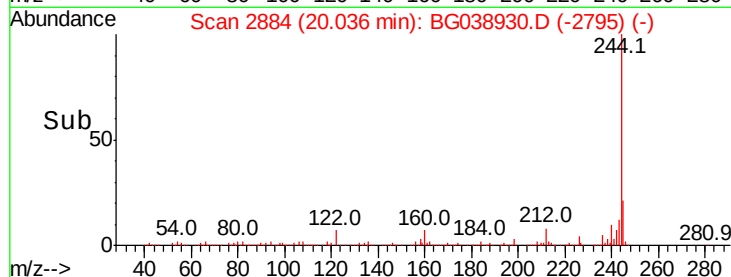
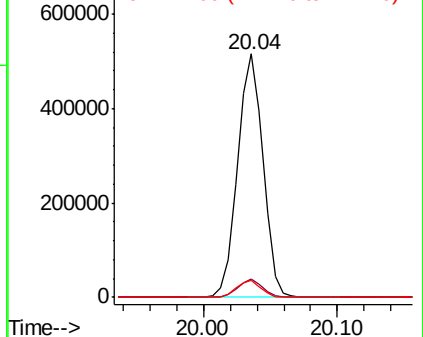
122 7.0 6.3 9.5



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: 40.446 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

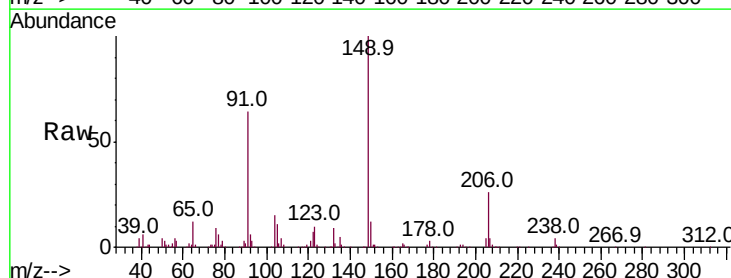
Tgt Ion:149 Resp: 193578

Ion Ratio Lower Upper

149 100

91 64.2 54.5 81.7

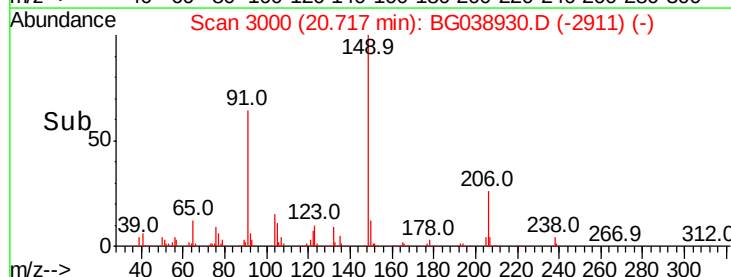
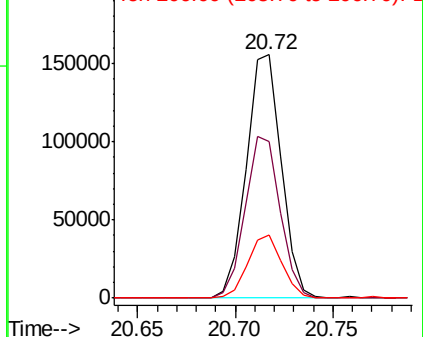
206 25.7 19.0 28.6

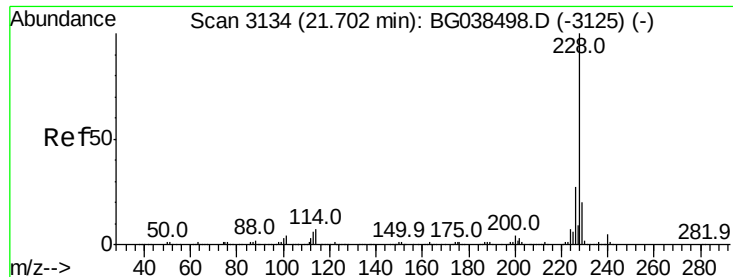


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.376 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG038930.D

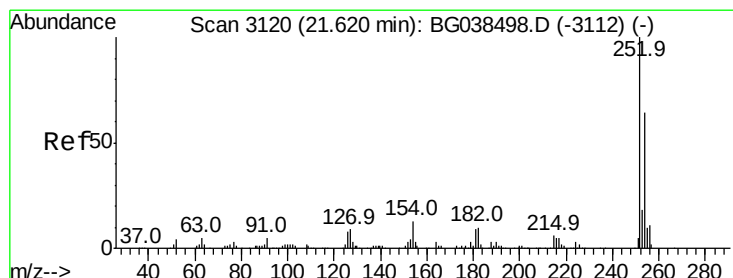
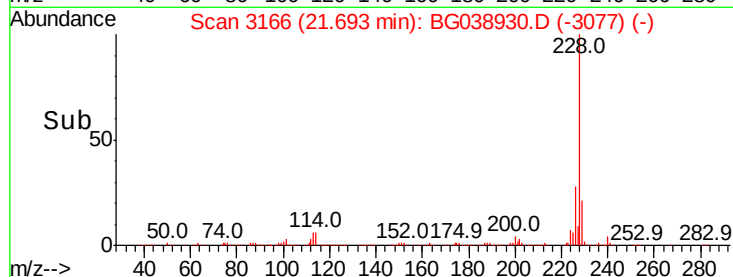
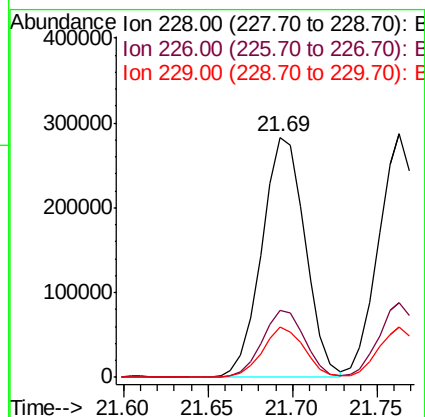
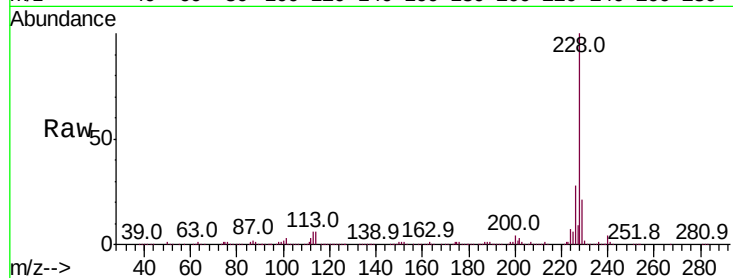
Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	501429
Ion	Ratio	Lower Upper
228	100	
226	28.0	21.8 32.8
229	21.0	15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.769 ng

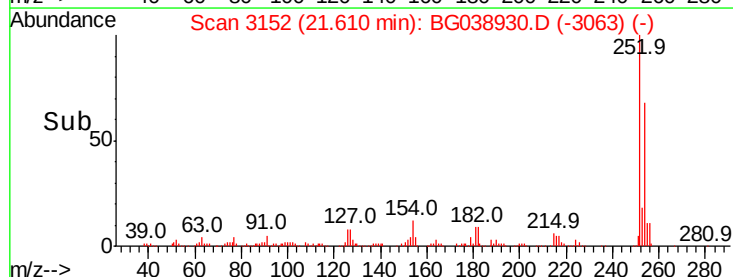
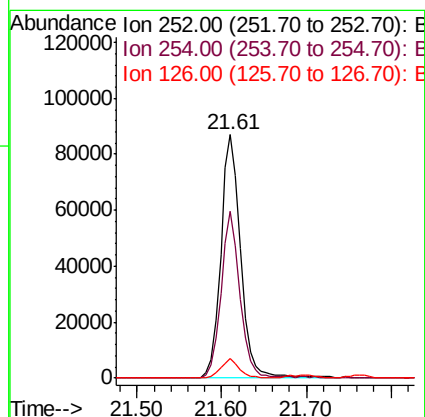
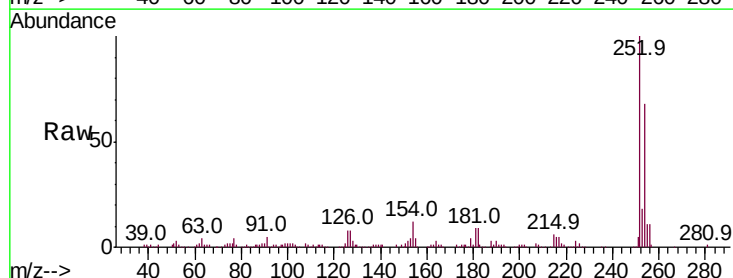
RT: 21.61 min Scan# 3152

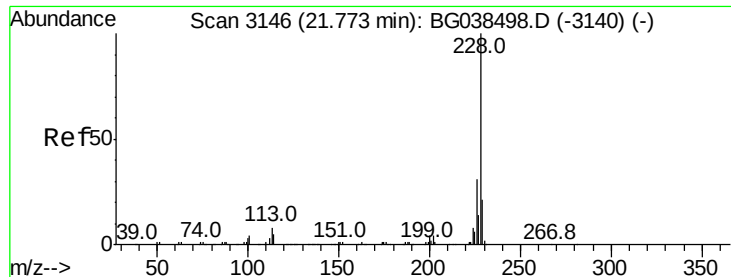
Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Tgt Ion:252	Resp:	142370
Ion	Ratio	Lower Upper
252	100	
254	68.3	50.9 76.3
126	8.3	6.3 9.5

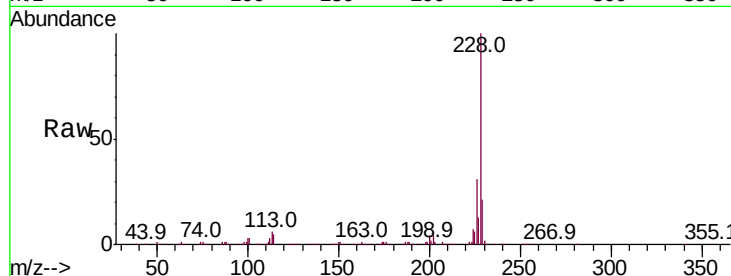




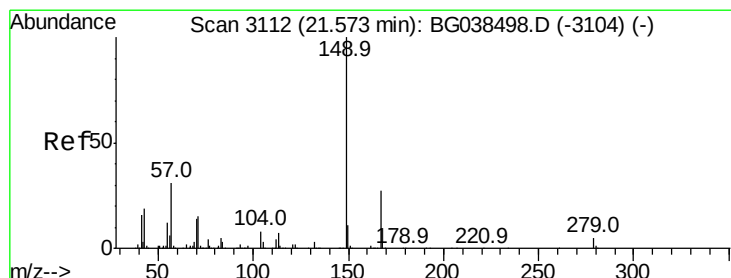
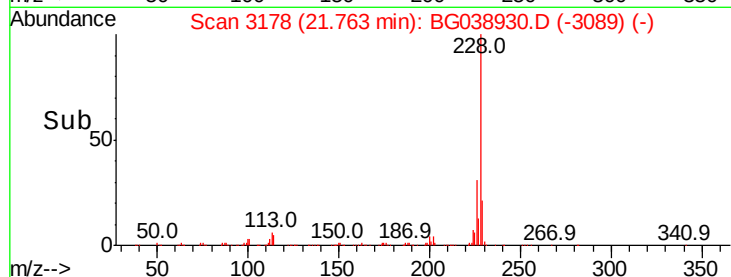
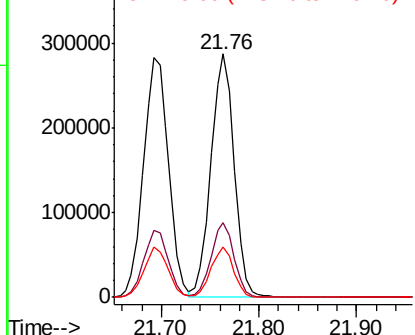
#83
 Chrysene
 Concen: 43.348 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :

Tot	Ion:228	Resp:	471787
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	20.7	16.5	24.7

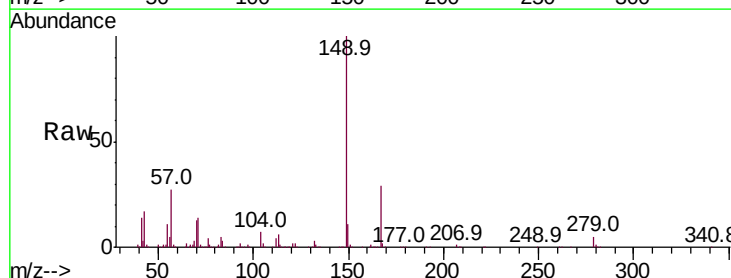


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

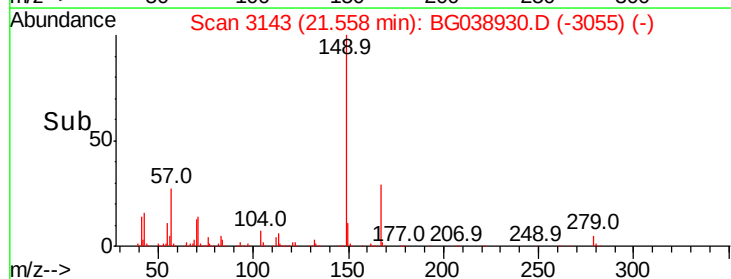
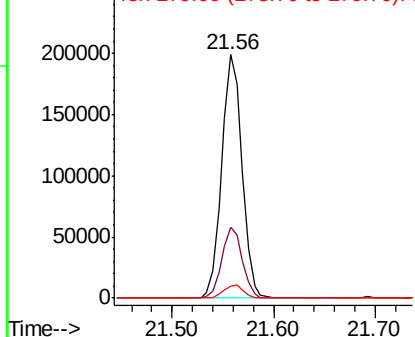


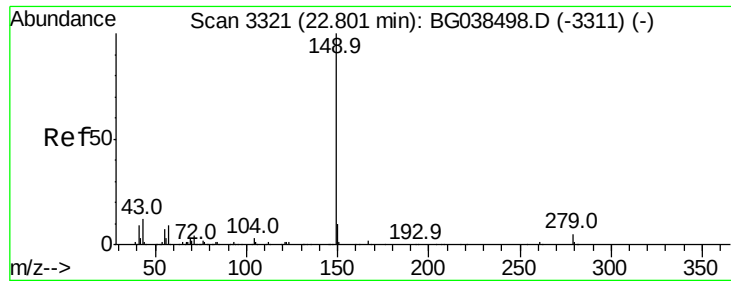
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.711 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038930.D
 Acq: 4 Jan 2019 15:14

Tgt Ion	Ion:149	Resp: Lower	276348 Upper
149	Ratio 100		
167	29.0	21.9	32.9
279	5.1	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

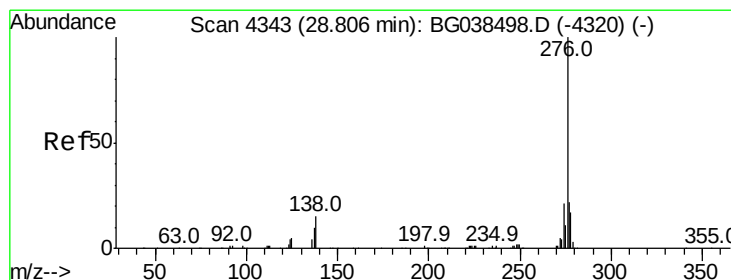
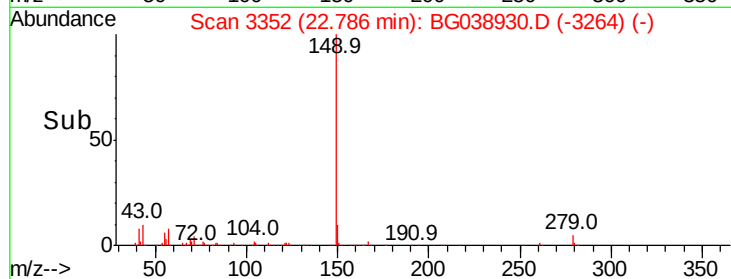
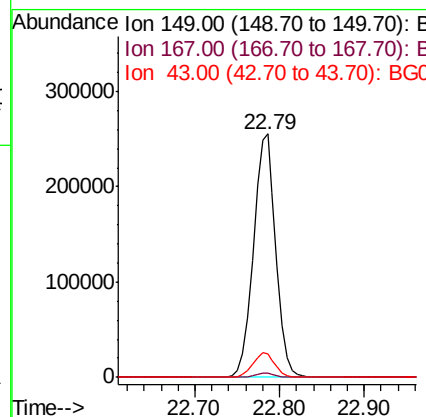
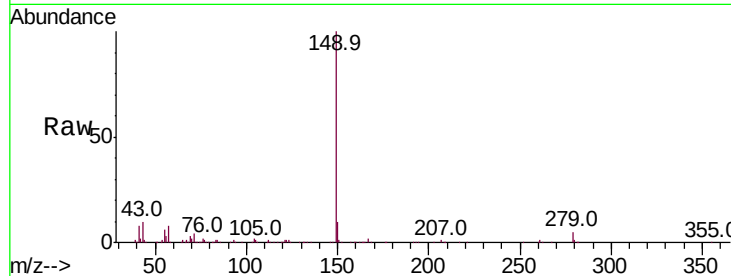




#85
Di-n-octyl phthalate
Concen: 41.131 ng
RT: 22.79 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

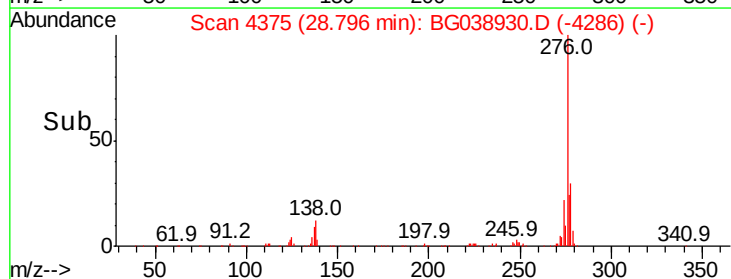
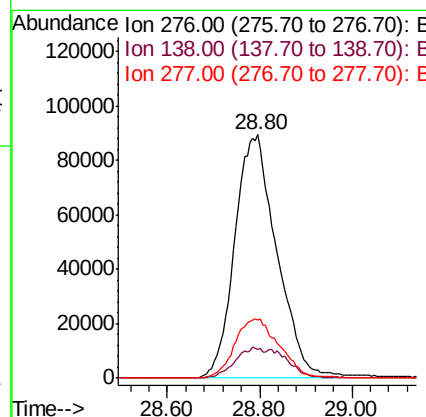
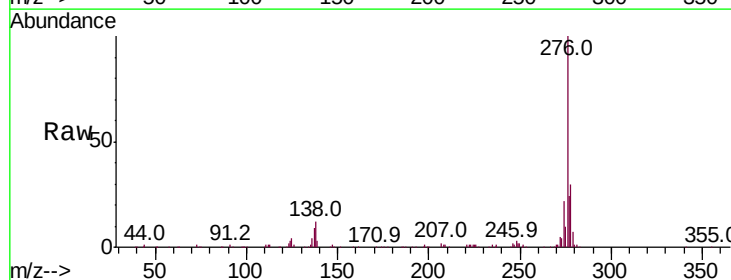
Instrument :
BNA_G
ClientSampleId :

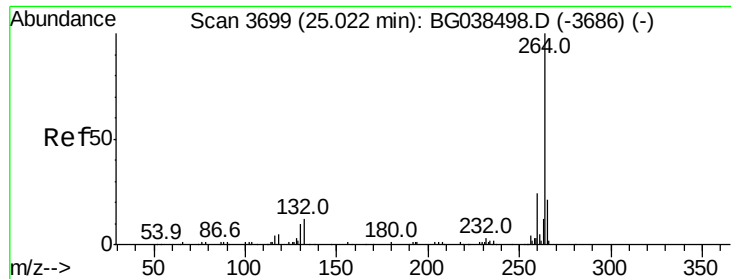
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.1	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.128 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	14.4	21.6#
277	25.7	0.0	0.0#



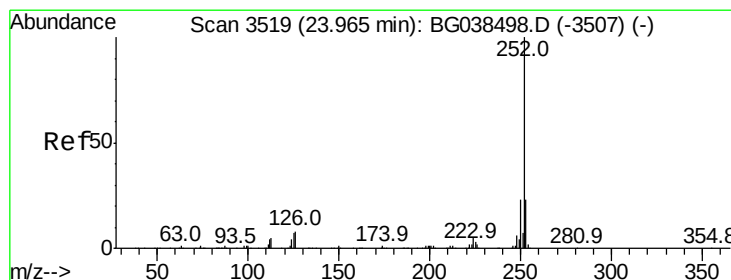
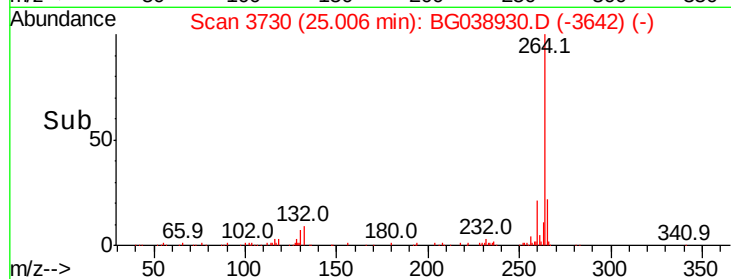
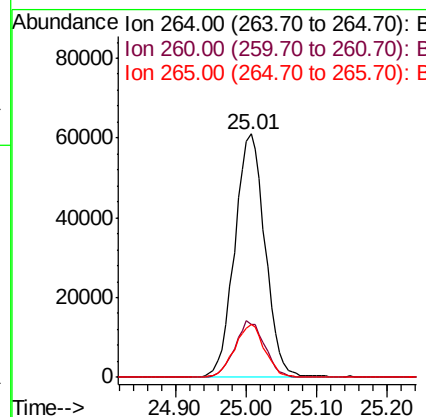
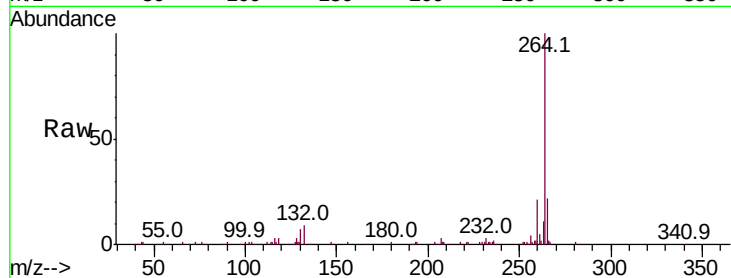


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 182356

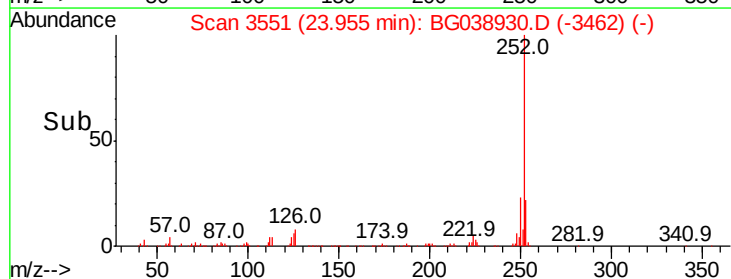
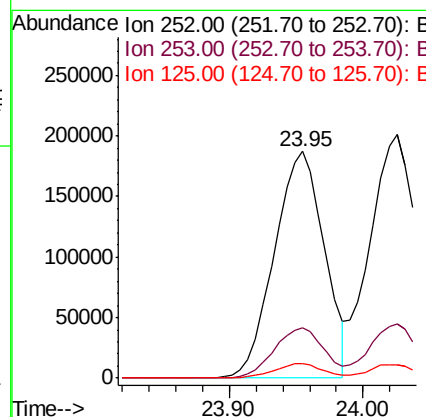
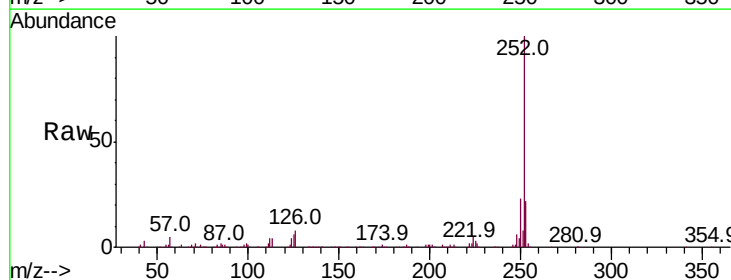
Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	21.6	17.0	25.4

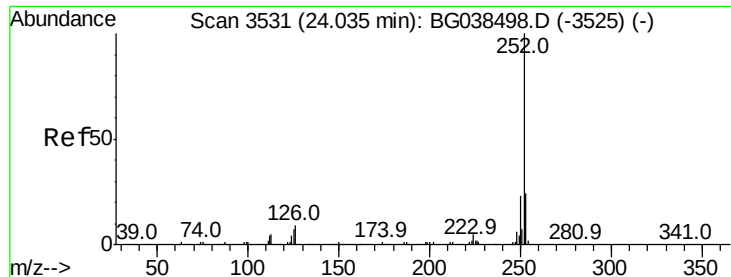


#88
Benzo(b)fluoranthene
Concen: 48.483 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038930.D
Acq: 4 Jan 2019 15:14

Tgt Ion:252 Resp: 485416

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.1	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 49.364 ng

RT: 24.03 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

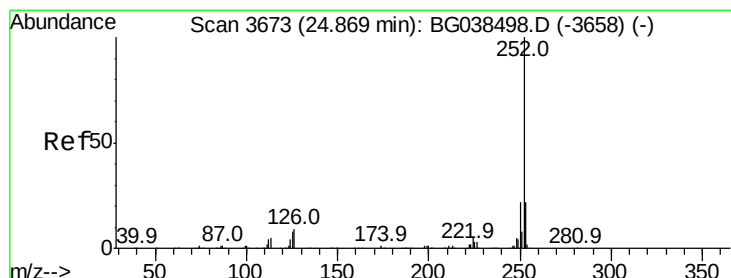
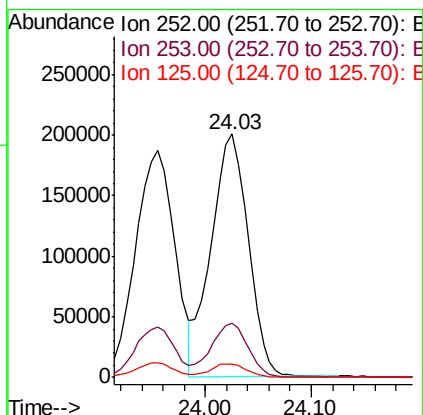
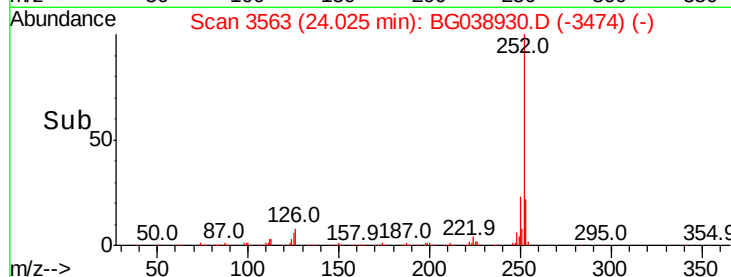
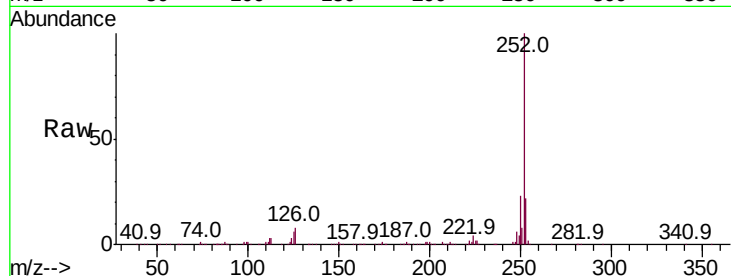
Tot Ion:252 Resp: 492155

Ion Ratio Lower Upper

252 100

253 22.2 18.9 28.3

125 5.5 5.4 8.2



#90

Benzo(a)pyrene

Concen: 50.325 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

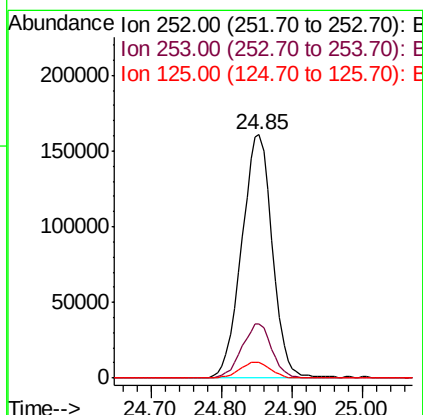
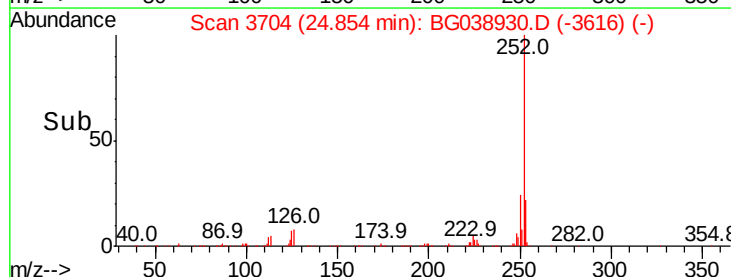
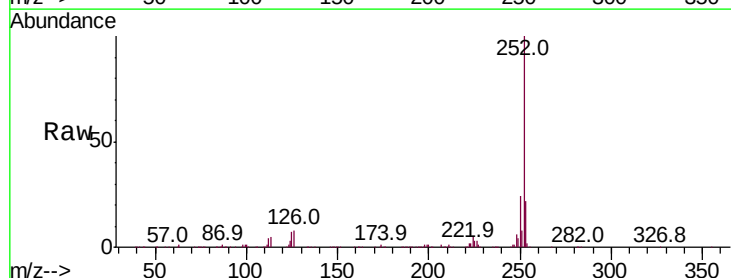
Tgt Ion:252 Resp: 486091

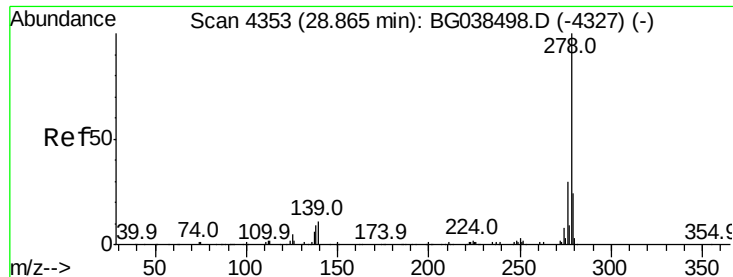
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 6.7 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 48.243 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

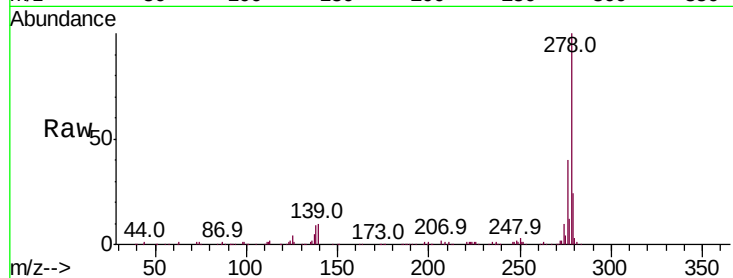
Tot Ion:278 Resp: 463971

Ion Ratio Lower Upper

278 100

139 9.6 8.6 12.8

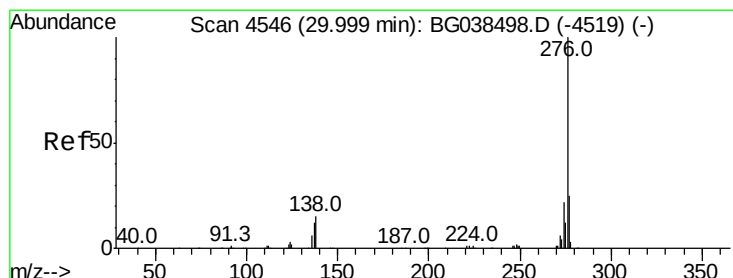
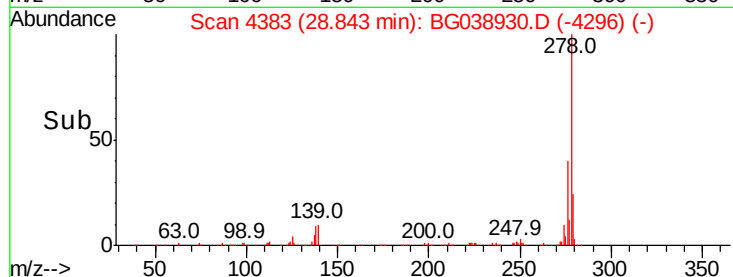
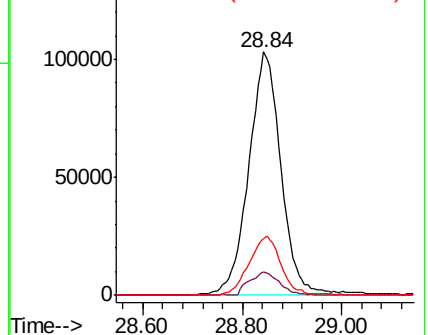
279 23.5 19.0 28.6



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: 49.625 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038930.D

Acq: 4 Jan 2019 15:14

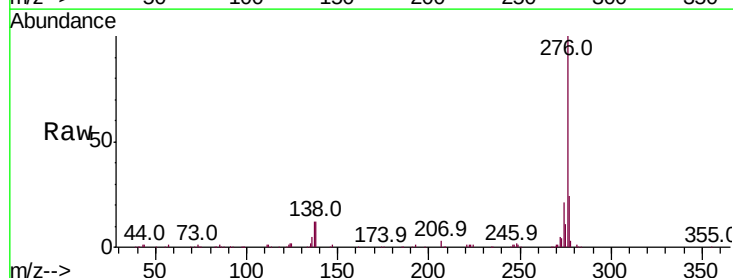
Tgt Ion:276 Resp: 470334

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.8

138 11.9 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

