

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038931.D
 Acq On : 4 Jan 2019 15:53
 Operator : JU/SJ
 Sample : PB116158BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 22:46:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24288	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	98025	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	70081	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	182378	20.00	ng	0.00
76) Chrysene-d12	21.71	240	183772	20.00	ng	-0.01
87) Perylene-d12	25.00	264	177980	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	168809	123.27	ng	0.00
7) Phenol-d6	7.21	99	225107	119.74	ng	0.00
23) Nitrobenzene-d5	9.22	82	117411	61.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	132775	137.47	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	319671	62.58	ng	-0.01
79) Terphenyl-d14	20.03	244	674228	79.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	27997	43.929	ng	96
3) Pyridine	3.88	79	50326	28.681	ng	98
4) n-Nitrosodimethylamine	3.80	42	31491	36.627	ng	# 95
6) Aniline	7.37	93	73665	30.696	ng	98
8) 2-Chlorophenol	7.61	128	71017	44.815	ng	95
9) Benzaldehyde	7.19	77	13963	11.450	ng	95
10) Phenol	7.24	94	90475	45.301	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	56104	35.284	ng	93
12) 1,3-Dichlorobenzene	7.93	146	72732	38.817	ng	97
13) 1,4-Dichlorobenzene	8.08	146	73670	38.390	ng	97
14) 1,2-Dichlorobenzene	8.40	146	71870	39.727	ng	96
15) Benzyl Alcohol	8.29	79	62837	42.824	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	117902	32.369	ng	97
17) 2-Methylphenol	8.49	107	61388	45.877	ng	98
18) Hexachloroethane	9.12	117	25241	35.996	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	49268	37.315	ng	# 92
20) 3+4-Methylphenols	8.82	107	82137	44.447	ng	97
22) Acetophenone	8.88	105	102445	41.841	ng	94
24) Nitrobenzene	9.27	77	74981	38.628	ng	99
25) Isophorone	9.78	82	141923	41.167	ng	97
26) 2-Nitrophenol	9.97	139	41872	42.146	ng	94
27) 2,4-Dimethylphenol	10.03	122	70645	49.616	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	80200	41.223	ng	99
29) 2,4-Dichlorophenol	10.51	162	80929	51.092	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	81767	42.736	ng	97
31) Naphthalene	10.91	128	216205	44.765	ng	99
32) Benzoic acid	10.17	122	27699	34.306	ng	96
33) 4-Chloroaniline	11.03	127	63798	30.425	ng	94
34) Hexachlorobutadiene	11.17	225	55155	42.603	ng	98
35) Caprolactam	11.82	113	28151	42.944	ng	# 91
36) 4-Chloro-3-methylphenol	12.15	107	84245	46.606	ng	96
37) 2-Methylnaphthalene	12.51	142	168121	48.793	ng	99
38) 1-Methylnaphthalene	12.74	142	158864	47.513	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	104967	40.070	ng	99

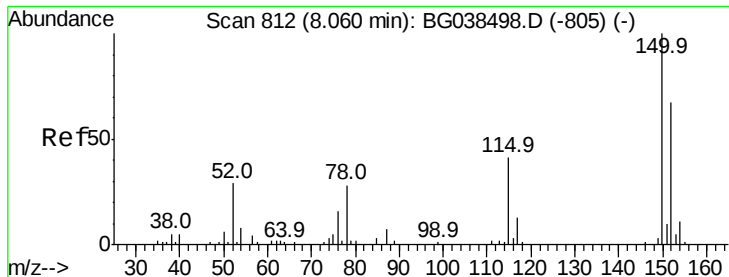
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038931.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	117997	81.988	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	74164	46.045	ng	100
44) 2,4,5-Trichlorophenol	13.20	196	81094	47.552	ng	98
46) 1,1'-Biphenyl	13.52	154	222836	37.929	ng	99
47) 2-Chloronaphthalene	13.56	162	180440	39.761	ng	98
48) 2-Nitroaniline	13.78	65	57408	39.715	ng	94
49) Acenaphthylene	14.41	152	300654	44.316	ng	99
50) Dimethylphthalate	14.13	163	243043	42.467	ng	99
51) 2,6-Dinitrotoluene	14.27	165	55550	42.832	ng	89
52) Acenaphthene	14.75	154	171300	42.225	ng	100
53) 3-Nitroaniline	14.60	138	42123	31.861	ng	97
54) 2,4-Dinitrophenol	14.82	184	53284	69.758	ng	98
55) Dibenzofuran	15.08	168	295788	42.535	ng	96
56) 4-Nitrophenol	14.92	139	79219	78.985	ng	97
57) 2,4-Dinitrotoluene	15.06	165	79788	43.679	ng	94
58) Fluorene	15.73	166	241289	46.833	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78740	51.320	ng	93
60) Diethylphthalate	15.49	149	252599	40.206	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	135535	42.163	ng	98
62) 4-Nitroaniline	15.77	138	58393	42.901	ng	95
63) Azobenzene	16.01	77	204478	38.960	ng	94
65) 4,6-Dinitro-2-methylphenol	15.81	198	48419	37.217	ng	90
66) n-Nitrosodiphenylamine	15.94	169	221197	41.278	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	93994	42.200	ng	97
68) Hexachlorobenzene	16.73	284	101163	43.814	ng	95
69) Atrazine	16.88	200	91509	46.015	ng	97
70) Pentachlorophenol	17.08	266	100919	73.896	ng	96
71) Phenanthrene	17.48	178	423112	44.738	ng	98
72) Anthracene	17.57	178	427085	45.743	ng	99
73) Carbazole	17.85	167	374783	40.589	ng	99
74) Di-n-butylphthalate	18.37	149	438583	41.395	ng	99
75) Fluoranthene	19.49	202	521897	44.601	ng	98
77) Benzidine	19.67	184	202405	37.242	ng	100
78) Pyrene	19.85	202	517233	42.604	ng	100
80) Butylbenzylphthalate	20.71	149	195301	41.175	ng	96
81) Benzo(a)anthracene	21.70	228	500728	44.715	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	142823	32.158	ng	99
83) Chrysene	21.76	228	467106	43.307	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	272467	40.503	ng	98
85) Di-n-octyl phthalate	22.78	149	459817	40.814	ng	97
86) Indeno(1,2,3-cd)pyrene	28.79	276	559273	44.104	ng	# 81
88) Benzo(b)fluoranthene	23.95	252	495084	50.664	ng	99
89) Benzo(k)fluoranthene	24.02	252	478280	49.152	ng	97
90) Benzo(a)pyrene	24.85	252	479011	50.811	ng	99
91) Dibenzo(a,h)anthracene	28.85	278	461351	49.150	ng	98
92) Benzo(g,h,i)perylene	29.97	276	465150	50.284	ng	96

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

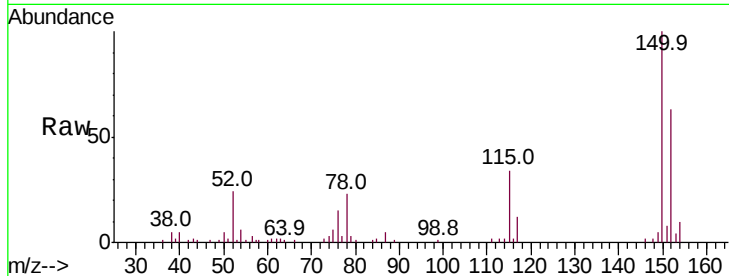


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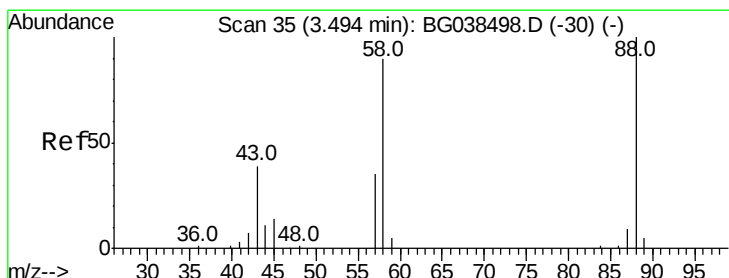
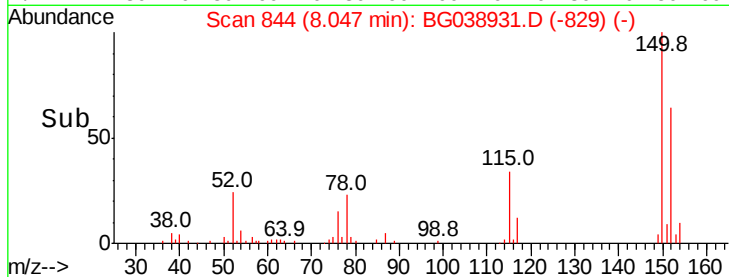
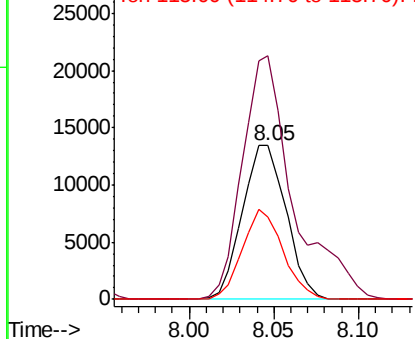
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24288
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 53.4 49.6 74.4



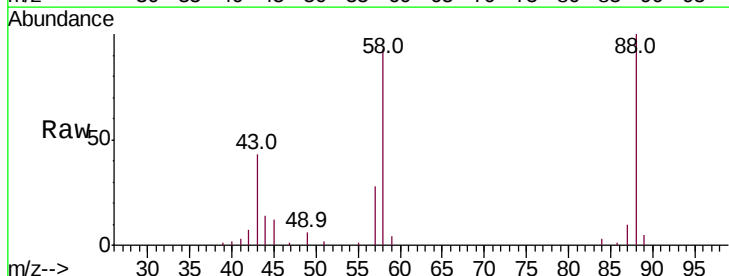
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



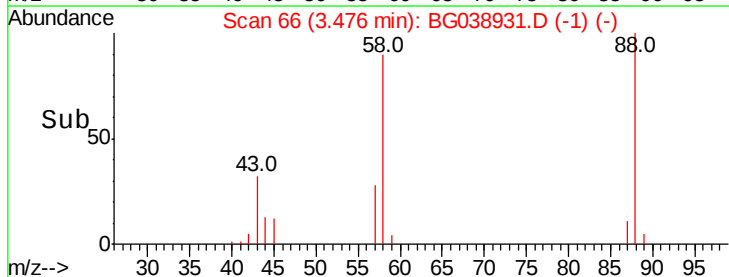
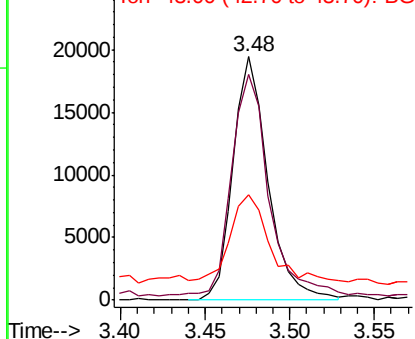
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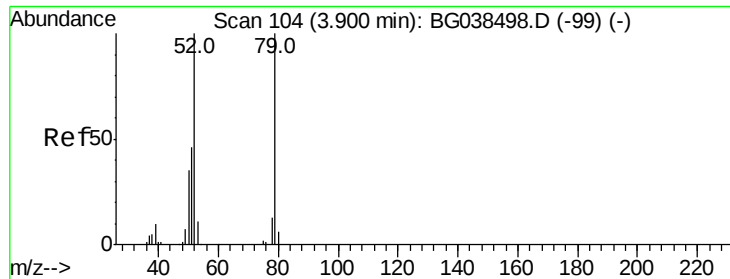
1,4-Dioxane
Concen: 43.929 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion: 88 Resp: 27997
Ion Ratio Lower Upper
88 100
58 98.8 75.7 113.5
43 41.4 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

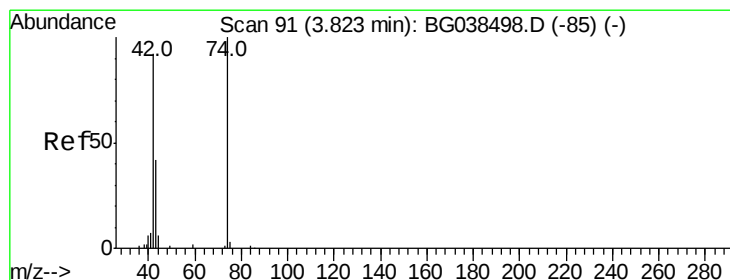
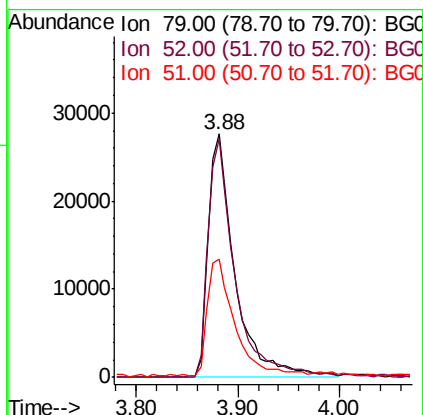
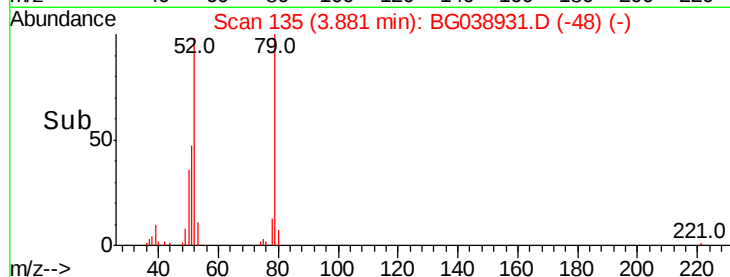
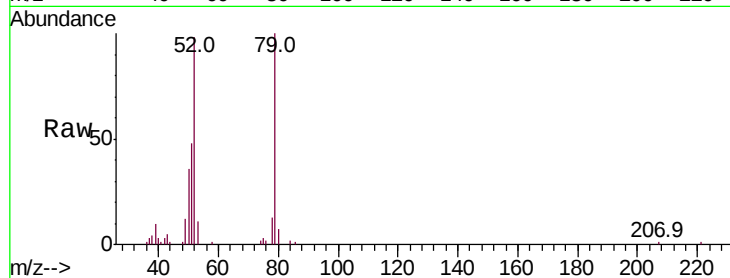




#3
 Pvridine
 Concen: 28.681 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

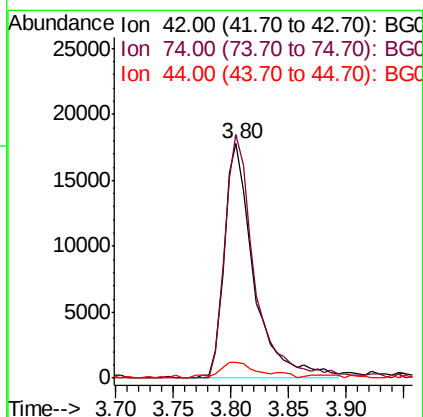
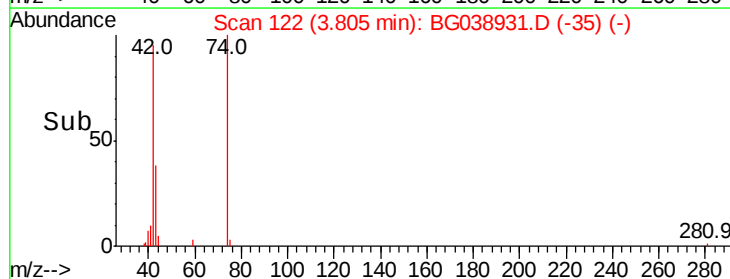
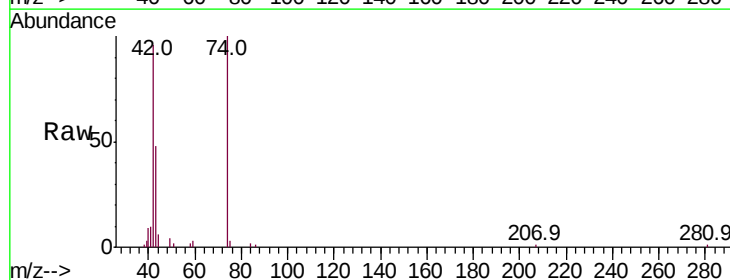
Instrument :
 BNA_G
 ClientSampleId :

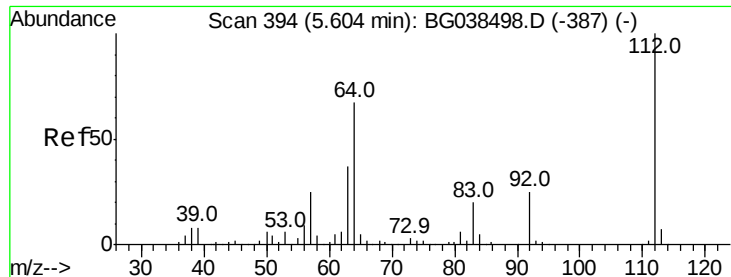
Tot Ion: 79 Resp: 50326
 Ion Ratio Lower Upper
 79 100
 52 98.1 80.2 120.2
 51 48.4 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 36.627 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion: 42 Resp: 31491
 Ion Ratio Lower Upper
 42 100
 74 103.8 86.7 130.1
 44 6.6 7.8 11.8#





#5

2-Fluorophenol

Concen: 123.274 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

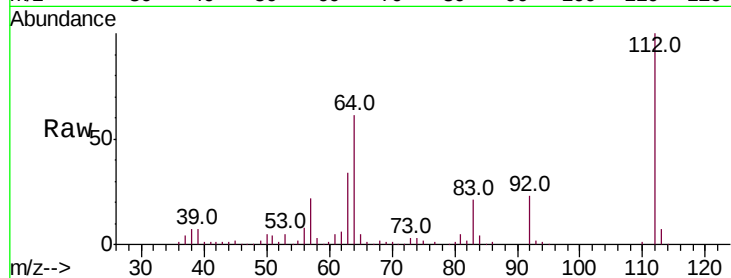
Tot Ion:112 Resp: 168809

Ion Ratio Lower Upper

112 100

64 60.9 53.4 80.2

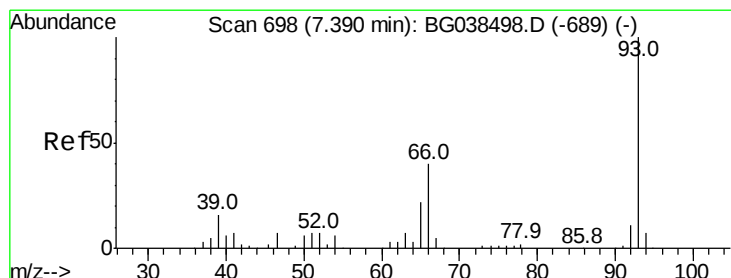
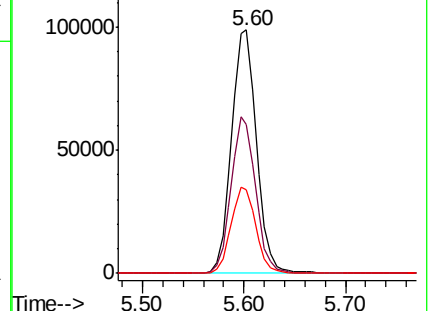
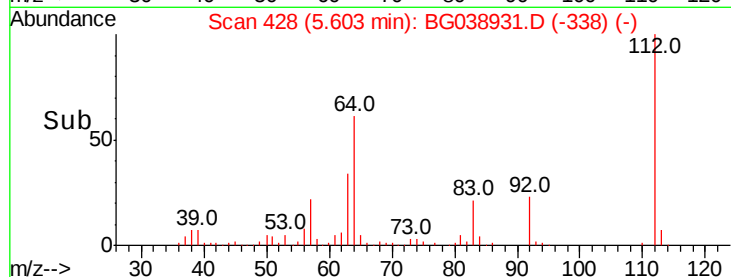
63 34.3 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.696 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

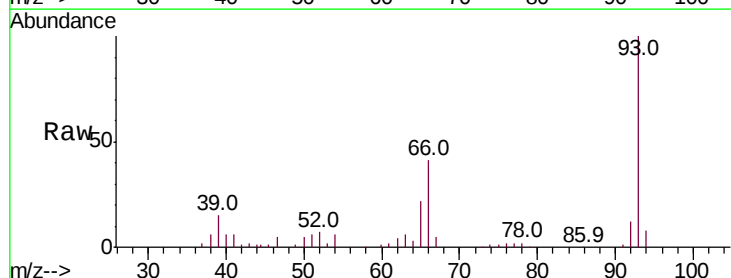
Tgt Ion: 93 Resp: 73665

Ion Ratio Lower Upper

93 100

66 41.0 31.7 47.5

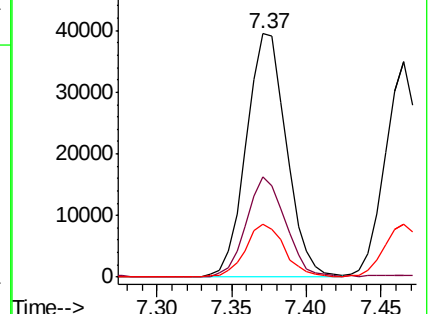
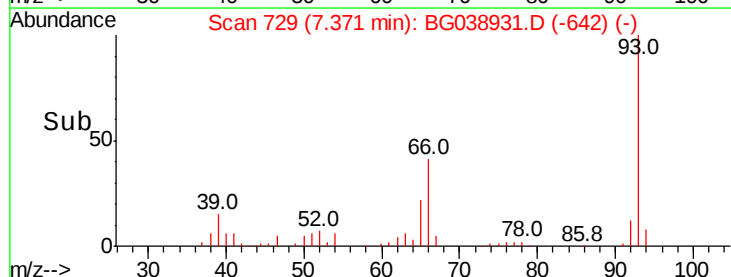
65 21.7 17.8 26.6

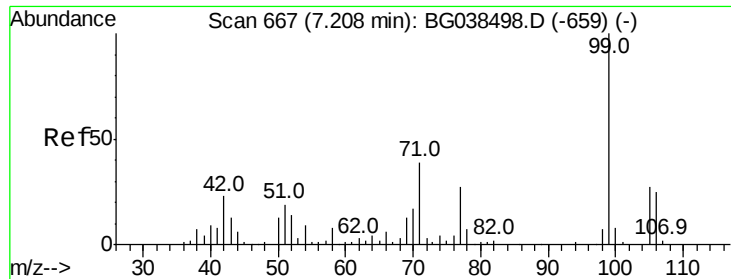


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.745 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

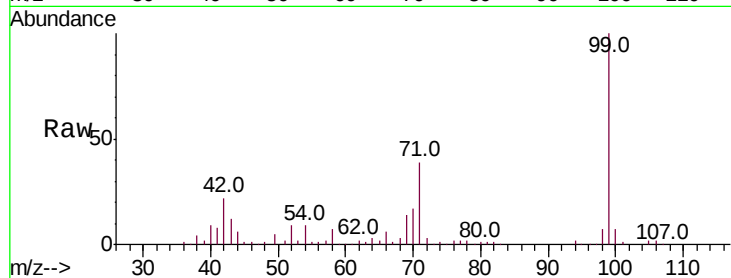
Tot Ion: 99 Resp: 225107

Ion Ratio Lower Upper

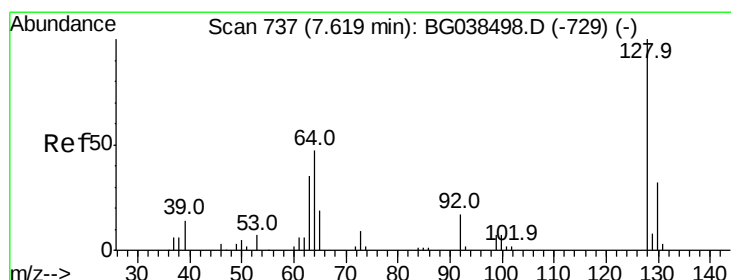
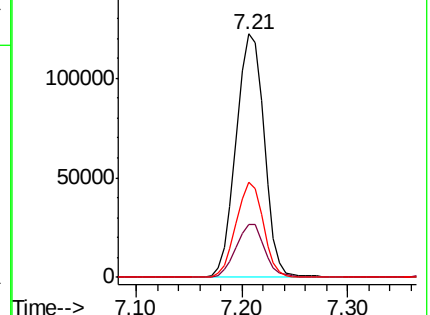
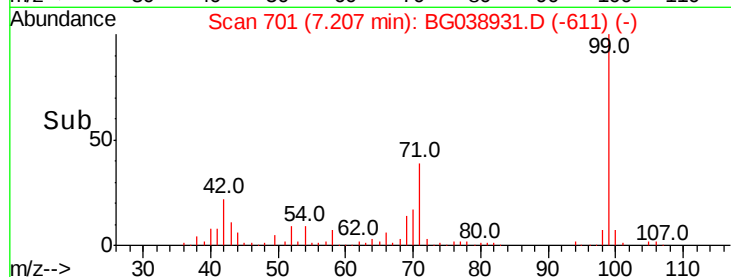
99 100

42 21.7 18.5 27.7

71 39.3 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: 44.815 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

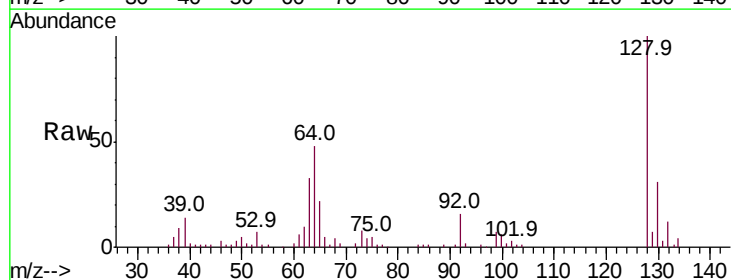
Tgt Ion:128 Resp: 71017

Ion Ratio Lower Upper

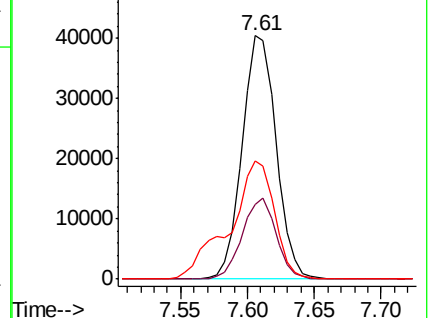
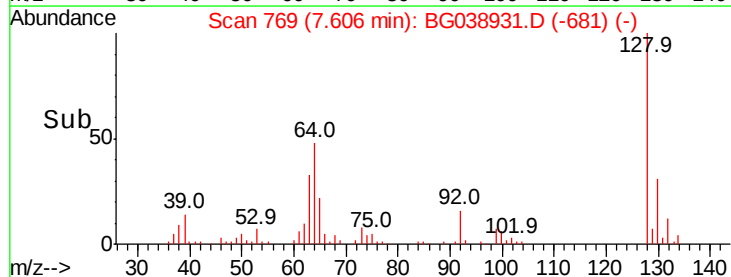
128 100

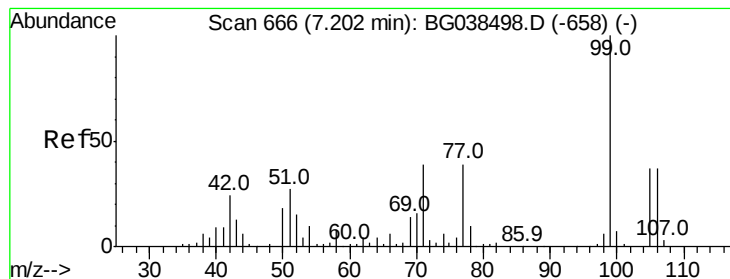
130 30.8 11.8 51.8

64 48.5 33.2 73.2



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





#9

Benzaldehyde

Concen: 11.450 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

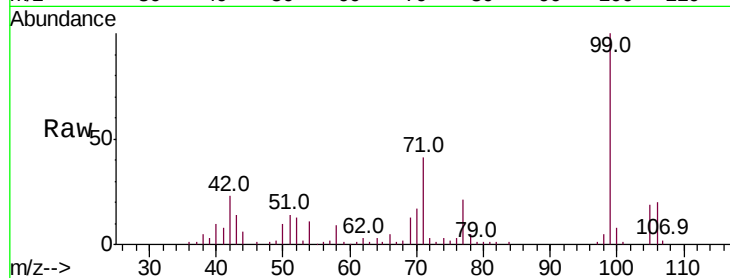
Tot Ion: 77 Resp: 13963

Ion Ratio Lower Upper

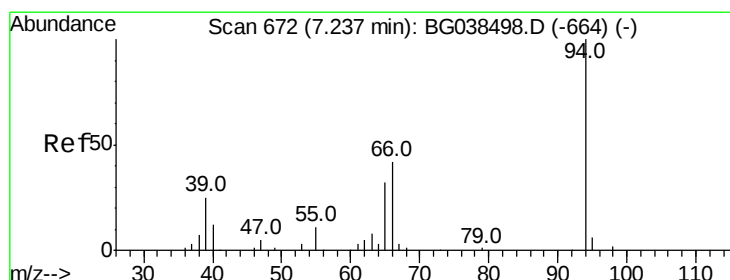
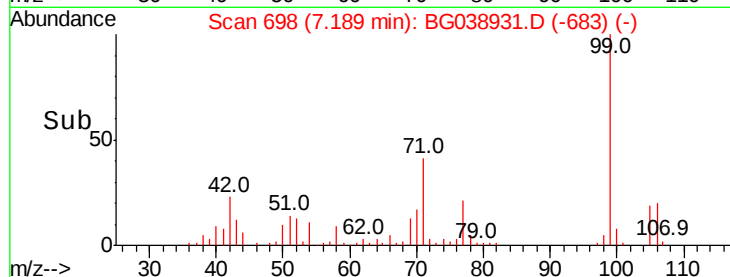
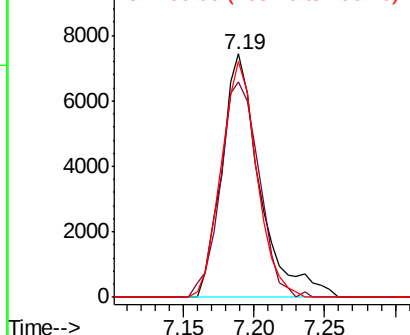
77 100

105 88.5 74.0 114.0

106 97.1 73.9 113.9



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



#10

Phenol

Concen: 45.301 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

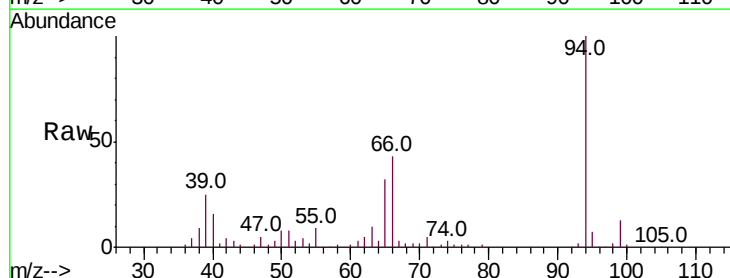
Tgt Ion: 94 Resp: 90475

Ion Ratio Lower Upper

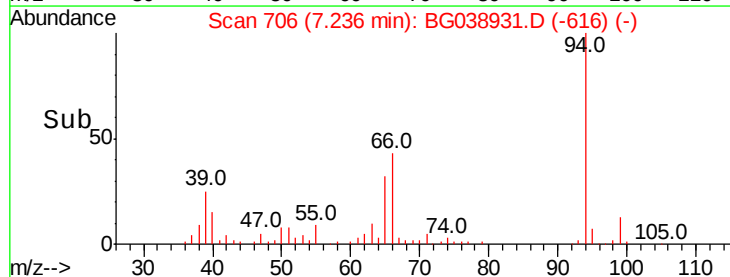
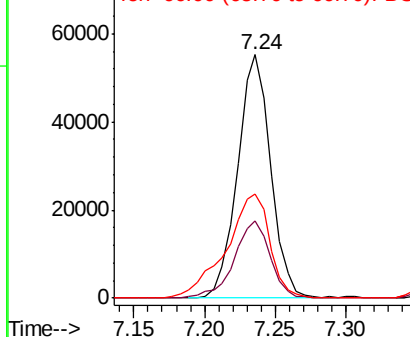
94 100

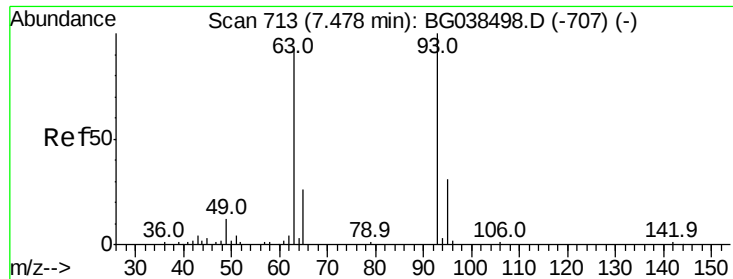
65 31.9 12.6 52.6

66 42.6 24.1 64.1



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





#11

bis(2-Chloroethyl)ether

Concen: 35.284 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampled :

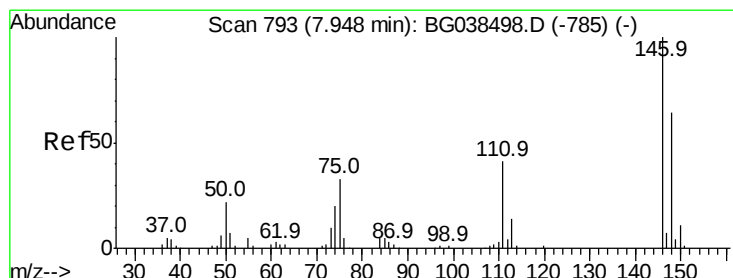
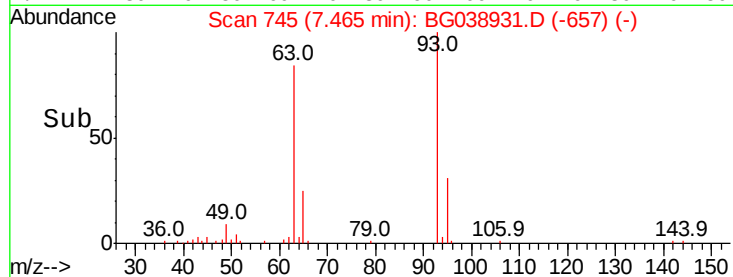
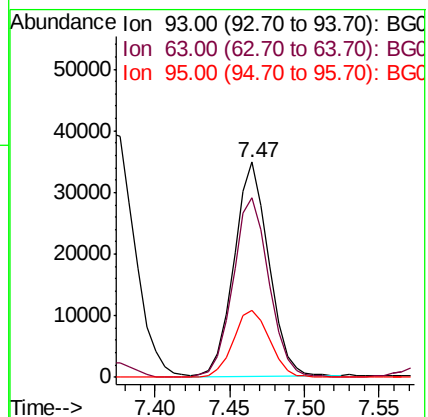
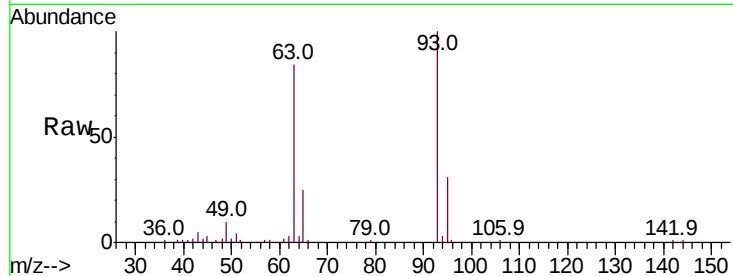
Tot Ion: 93 Resp: 56104

Ion Ratio Lower Upper

93 100

63 83.8 72.2 112.2

95 31.2 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 38.817 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

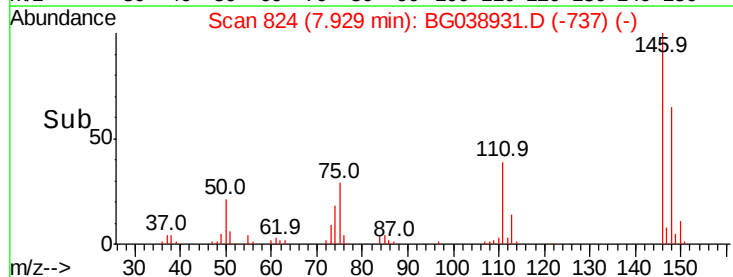
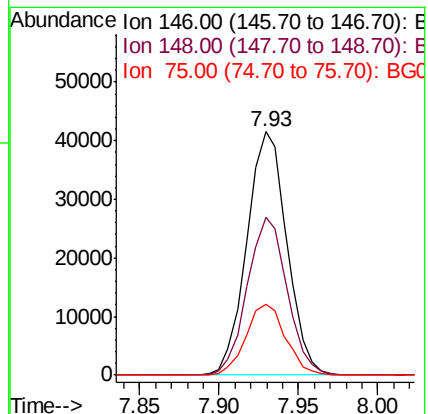
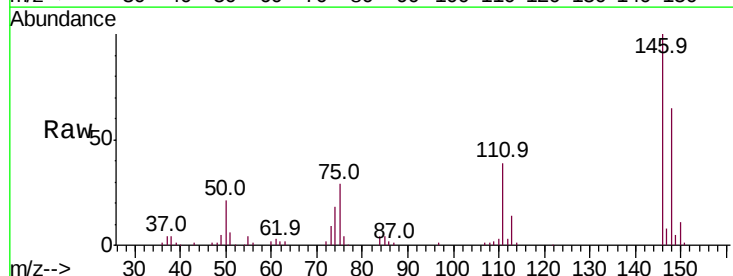
Tgt Ion: 146 Resp: 72732

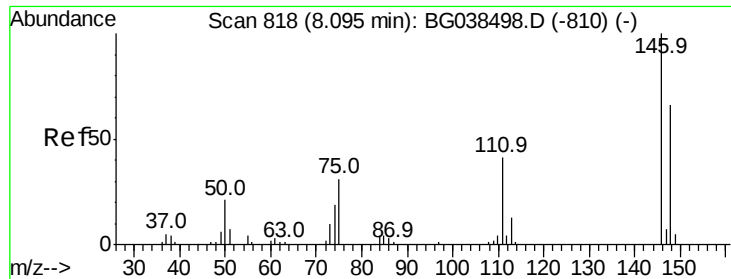
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

75 29.3 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 38.390 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

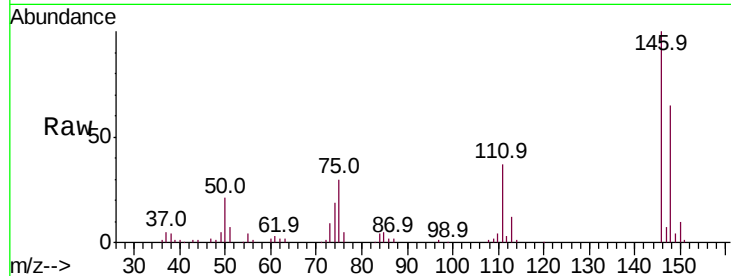
Tot Ion:146 Resp: 73670

Ion Ratio Lower Upper

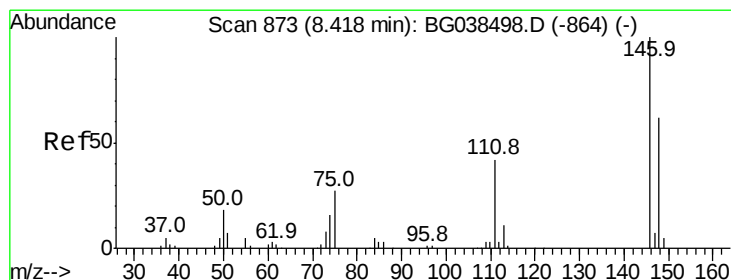
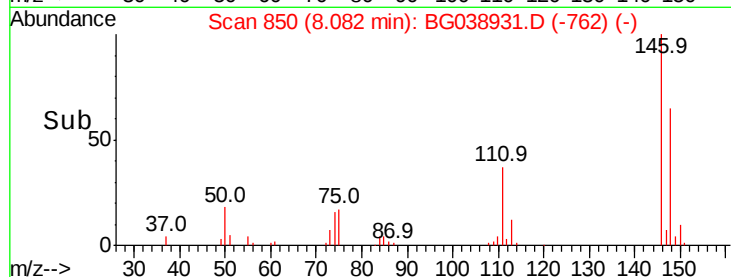
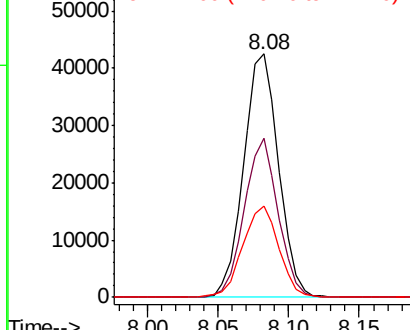
146 100

148 65.2 52.4 78.6

111 37.4 33.0 49.4



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



#14

1,2-Dichlorobenzene

Concen: 39.727 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

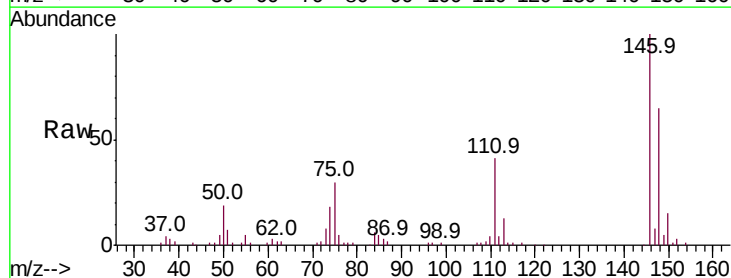
Tgt Ion:146 Resp: 71870

Ion Ratio Lower Upper

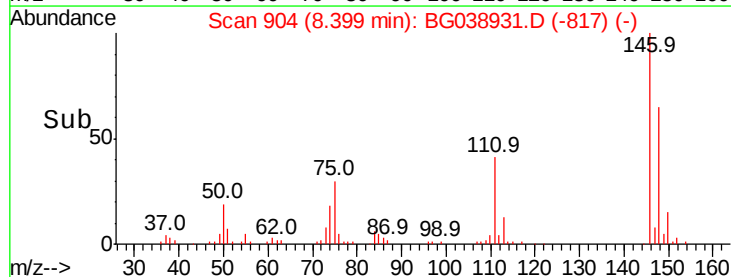
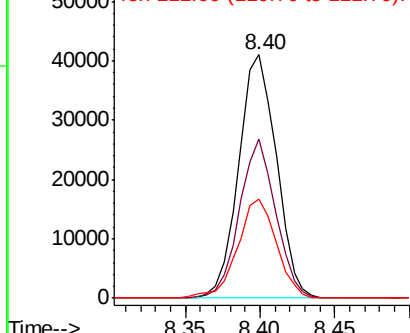
146 100

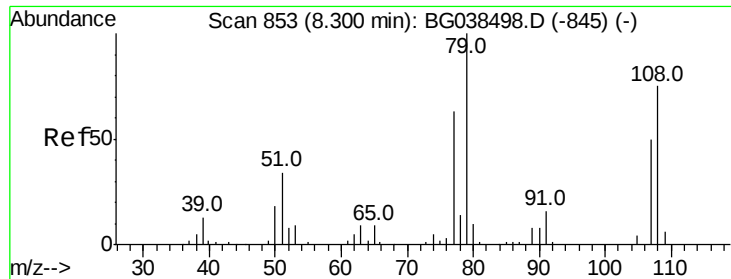
148 65.4 49.4 74.0

111 40.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.824 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampled :

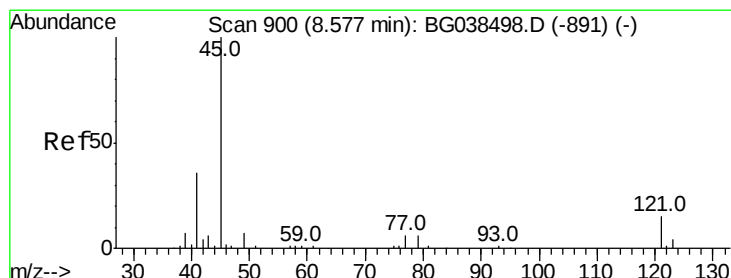
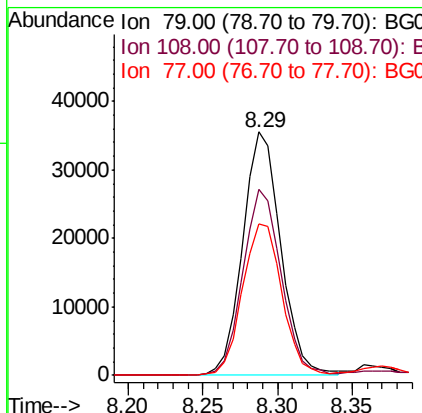
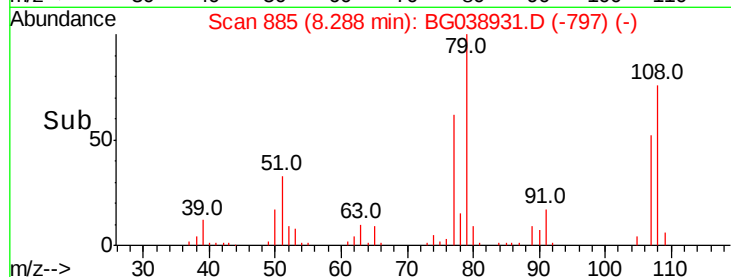
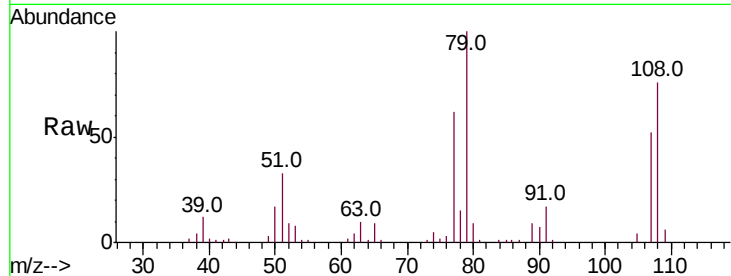
Tot Ion: 79 Resp: 62837

Ion Ratio Lower Upper

79 100

108 76.3 60.2 90.4

77 62.4 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.369 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

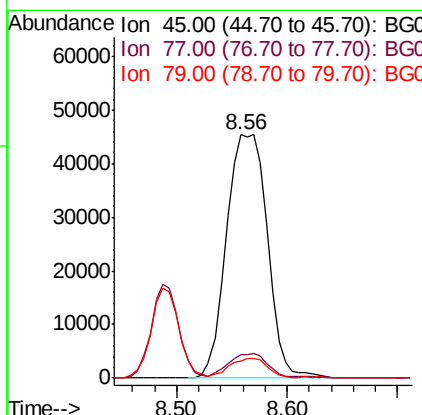
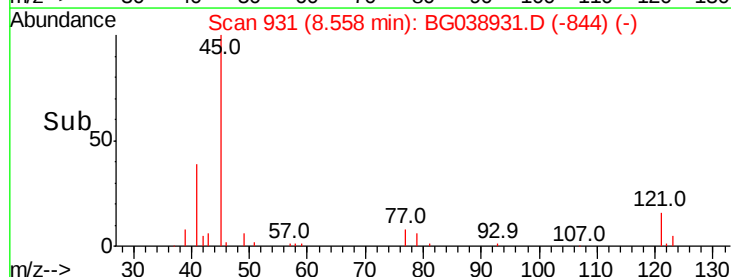
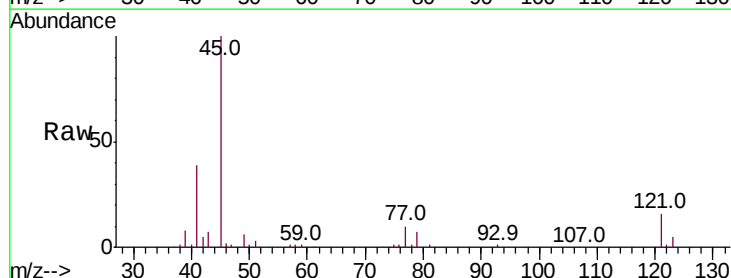
Tgt Ion: 45 Resp: 117902

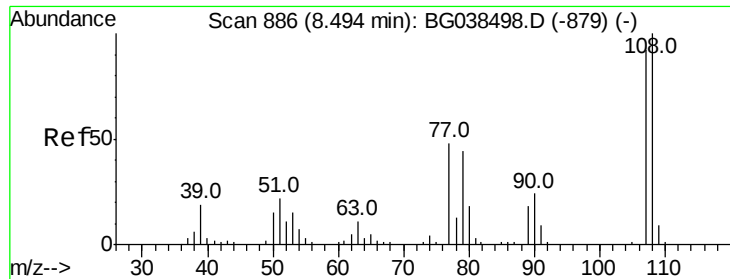
Ion Ratio Lower Upper

45 100

77 9.8 0.0 28.2

79 7.2 0.0 27.2

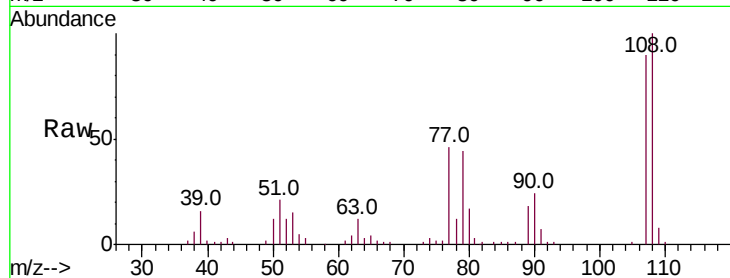




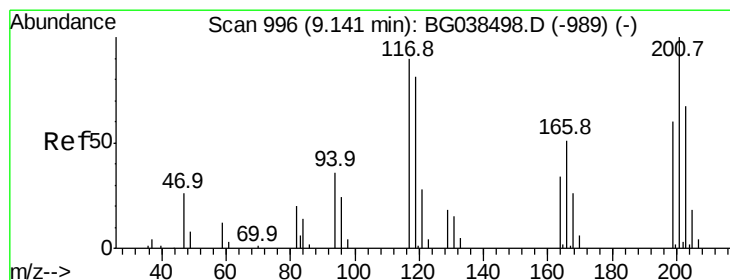
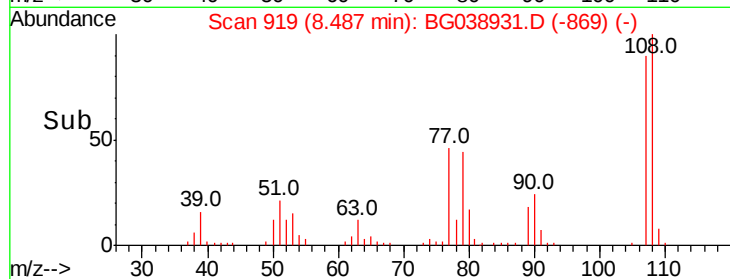
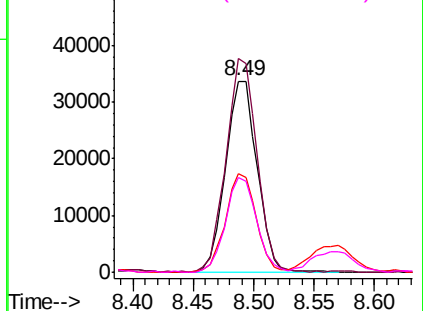
#17
2-Methylphenol
Concen: 45.877 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 61388
Ion Ratio Lower Upper
107 100
108 111.6 87.1 130.7
77 51.8 42.0 63.0
79 49.7 38.2 57.2

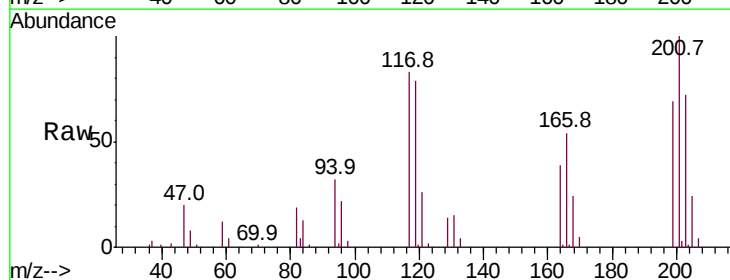


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

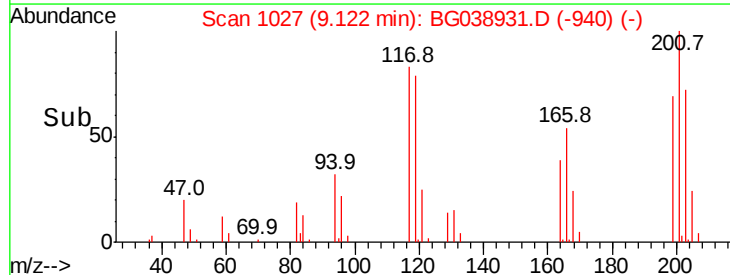
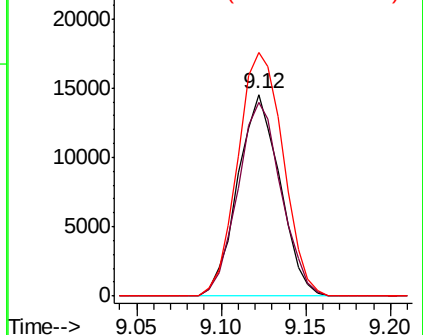


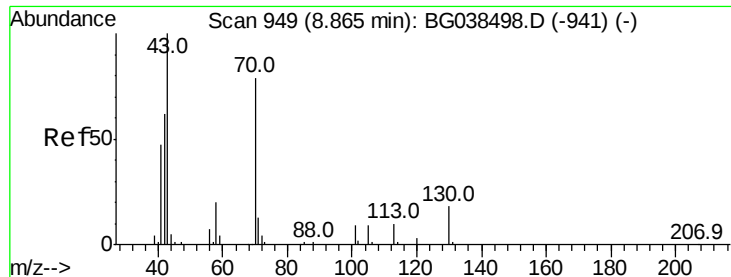
#18
Hexachloroethane
Concen: 35.996 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:117 Resp: 25241
Ion Ratio Lower Upper
117 100
119 95.9 73.8 110.8
201 124.1 89.4 134.0



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

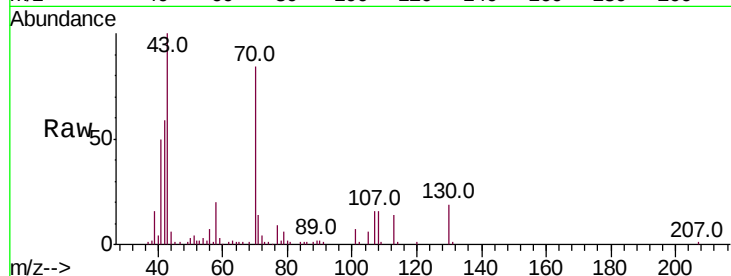




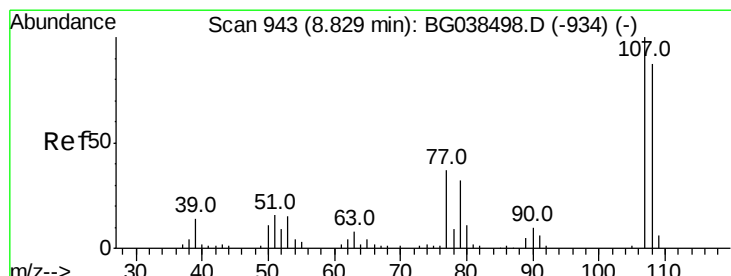
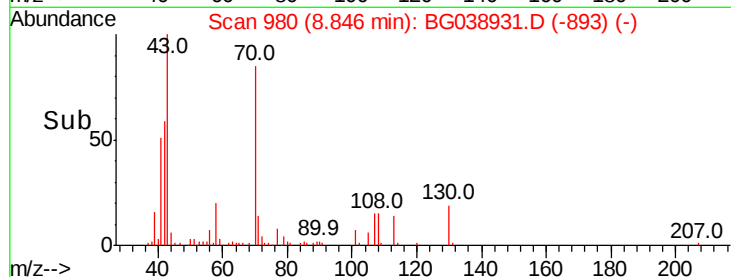
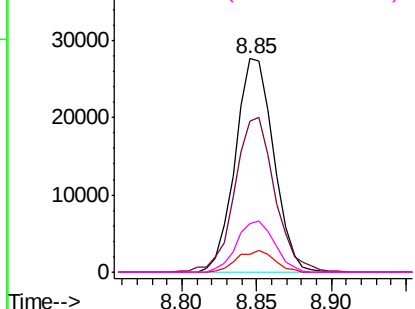
#19
n-Nitroso-di-n-propylamine
Concen: 37.315 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 49268
Ion Ratio Lower Upper
70 100
42 70.6 63.6 95.4
101 8.5 9.2 13.8#
130 23.0 18.5 27.7

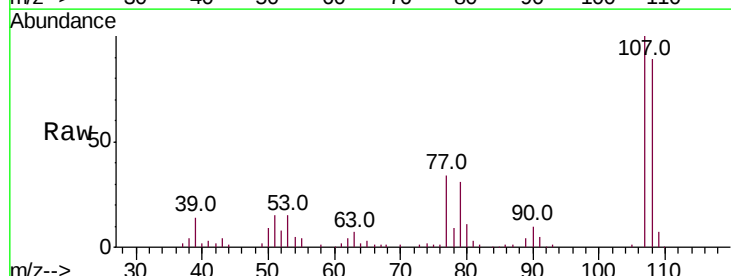


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

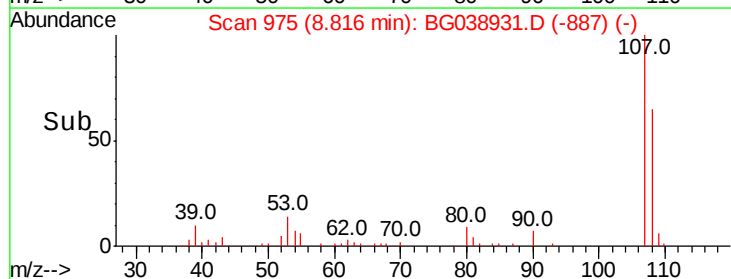
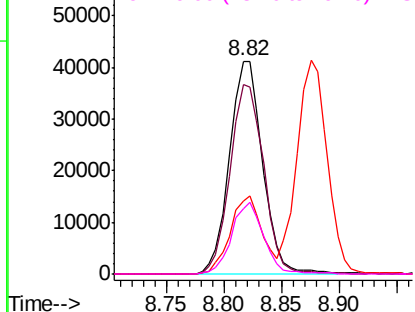


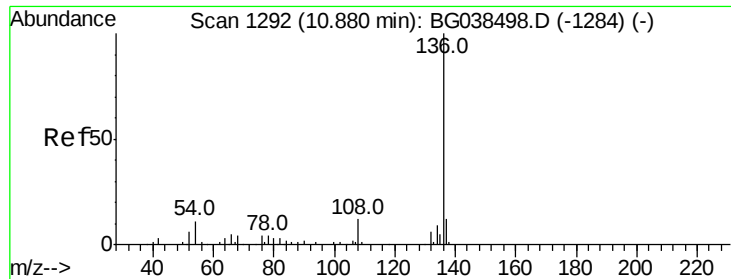
#20
3+4-Methylphenols
Concen: 44.447 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:107 Resp: 82137
Ion Ratio Lower Upper
107 100
108 89.0 66.7 106.7
77 34.1 17.3 57.3
79 30.7 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

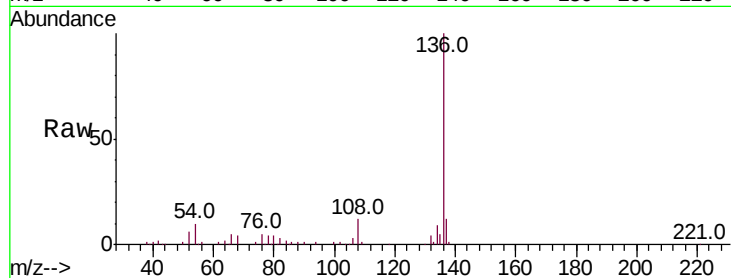




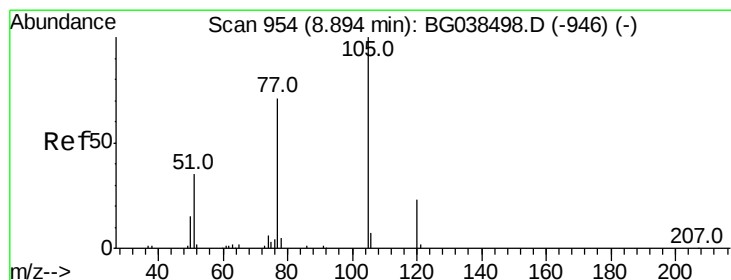
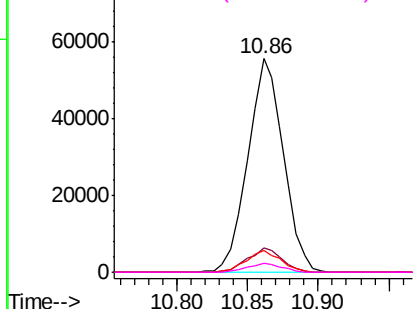
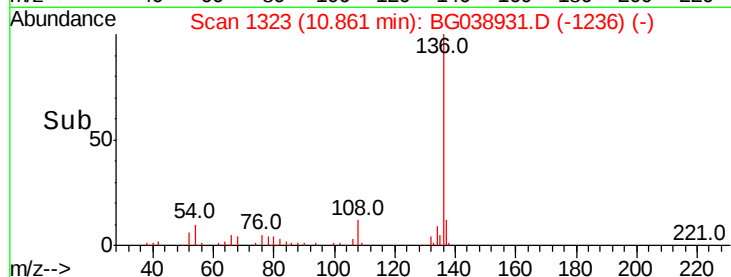
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	98025	
Ion Ratio	Lower	Upper	
136 100			
137 11.7	9.3	13.9	
54 9.9	8.5	12.7	
68 4.0	3.5	5.3	

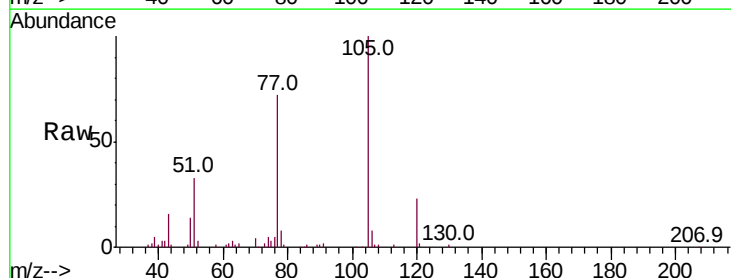


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

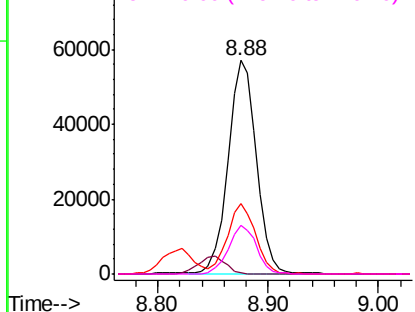
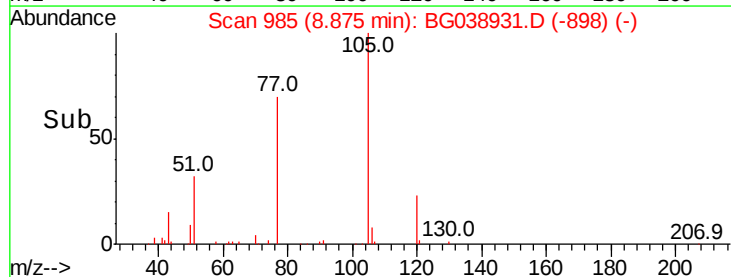


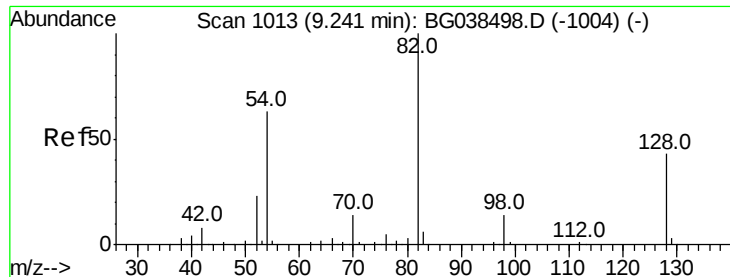
#22
Acetophenone
Concen: 41.841 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt	Ion:105	Resp:	102445
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6
51	32.8	30.6	46.0
120	22.9	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

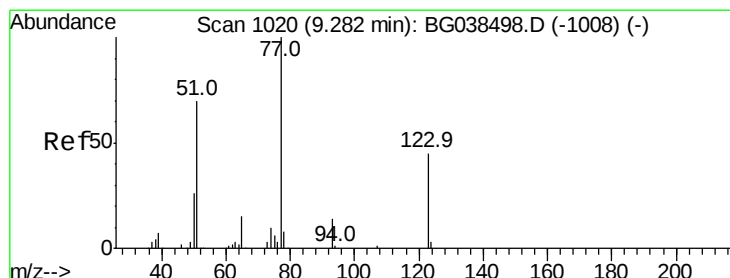
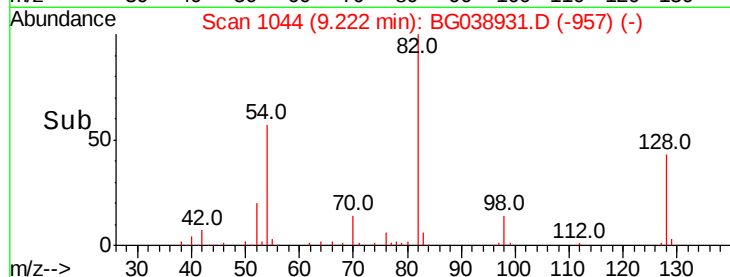
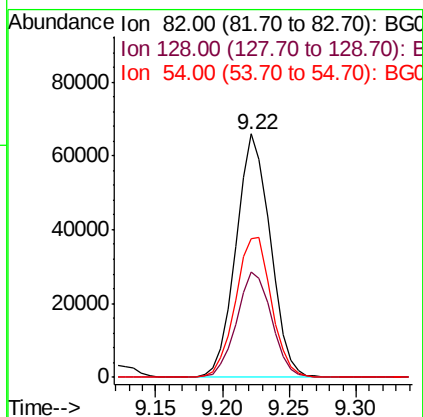
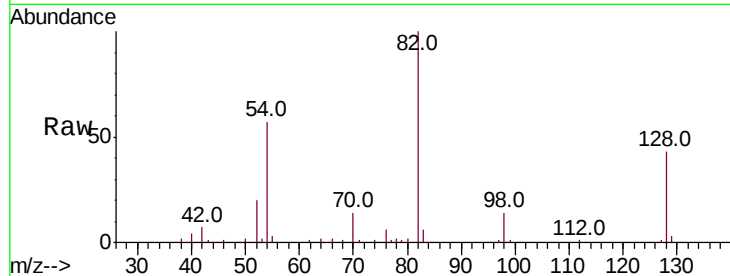




#23
Nitrobenzene-d5
Concen: 61.190 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

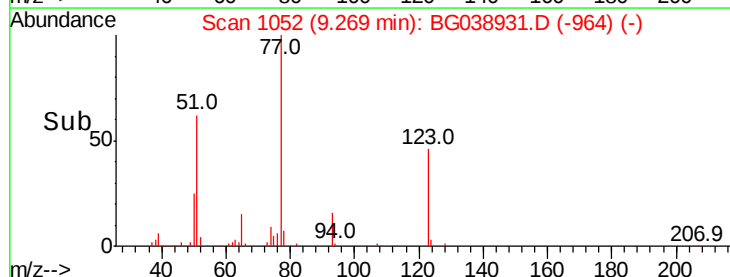
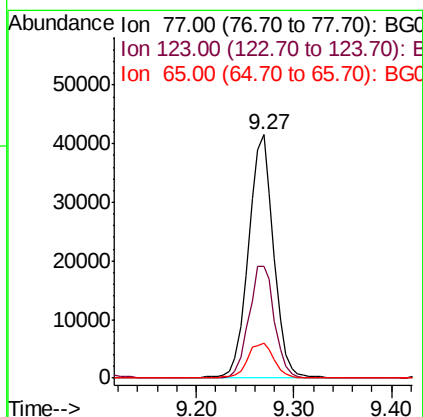
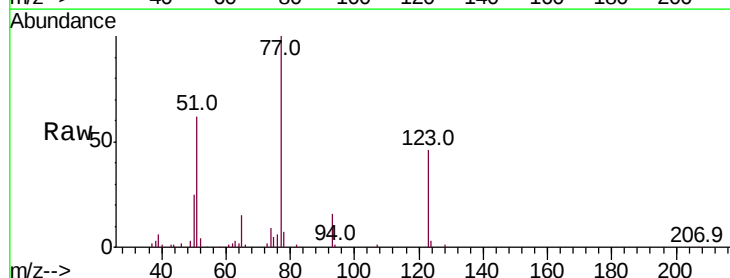
Instrument :
BNA_G
ClientSampled :

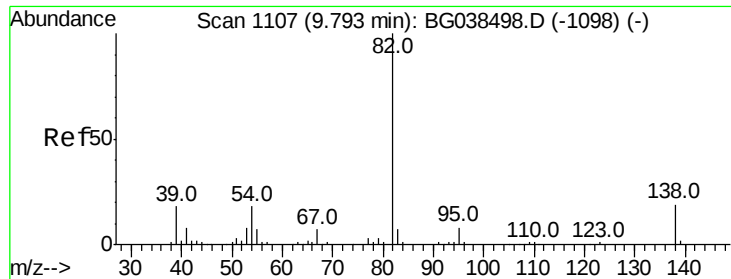
Tot Ion: 82 Resp: 117411
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 57.2 50.6 76.0



#24
Nitrobenzene
Concen: 38.628 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion: 77 Resp: 74981
Ion Ratio Lower Upper
77 100
123 45.9 35.9 53.9
65 14.5 12.0 18.0

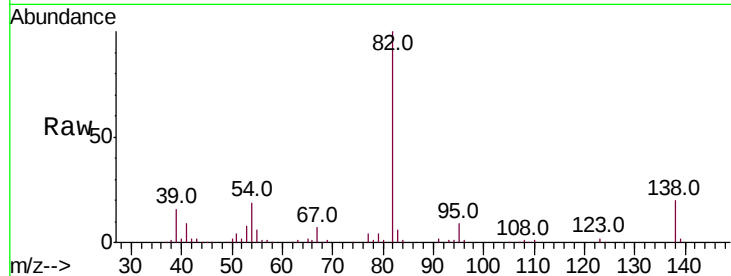




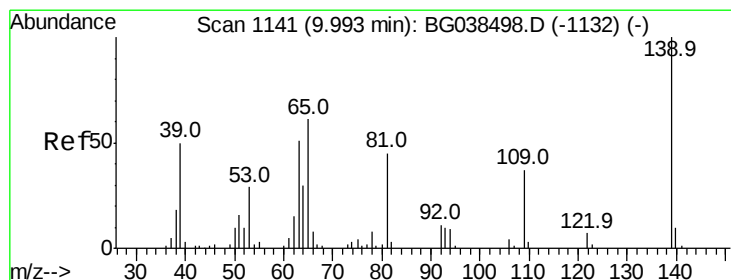
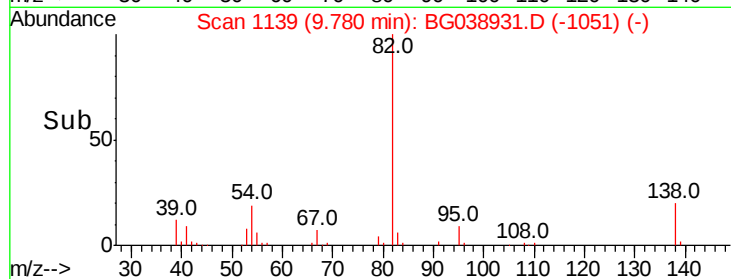
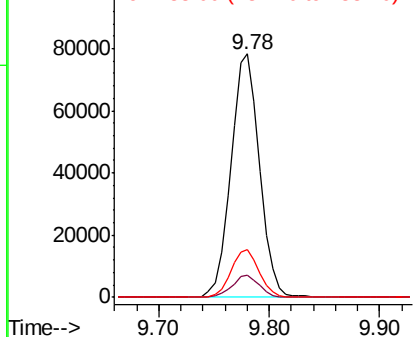
#25
Isophorone
Concen: 41.167 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 141923
Ion Ratio Lower Upper
82 100
95 9.0 6.1 9.1
138 19.7 14.9 22.3

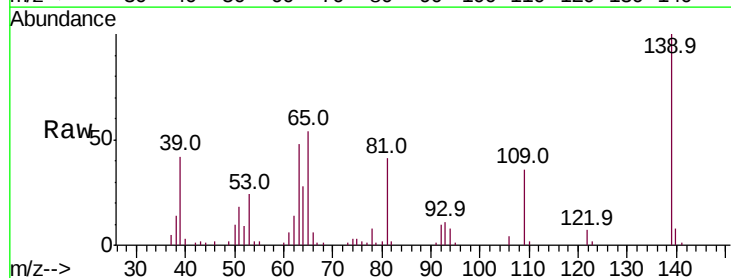


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

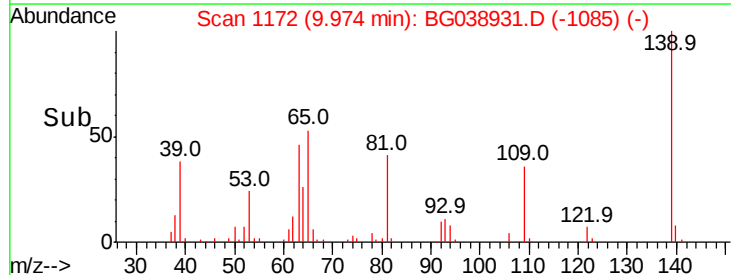
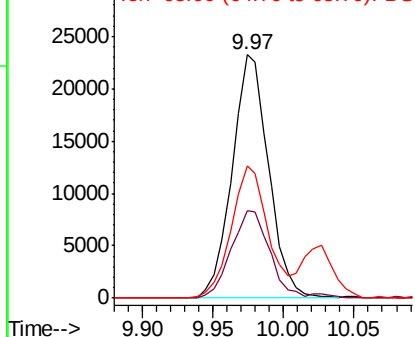


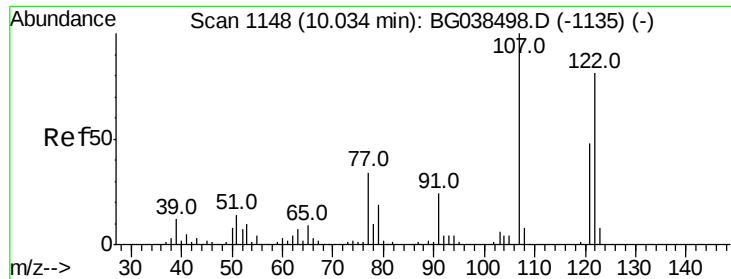
#26
2-Nitrophenol
Concen: 42.146 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:139 Resp: 41872
Ion Ratio Lower Upper
139 100
109 35.8 29.5 44.3
65 54.4 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

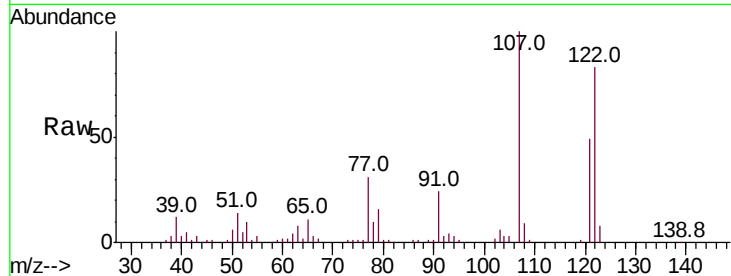




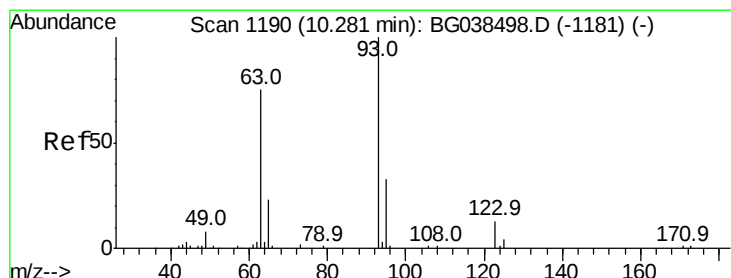
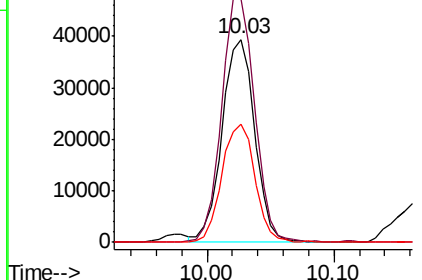
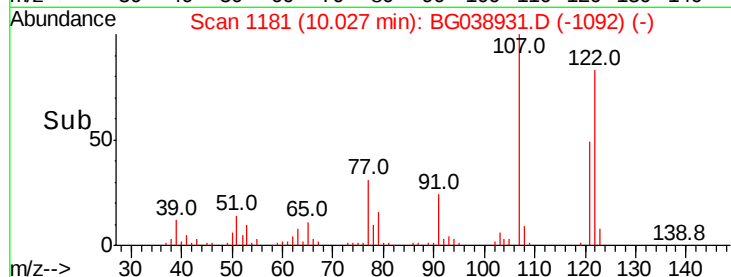
#27
 2,4-Dimethylphenol
 Concen: 49.616 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 70645
 Ion Ratio Lower Upper
 122 100
 107 120.1 98.4 147.6
 121 58.3 47.2 70.8

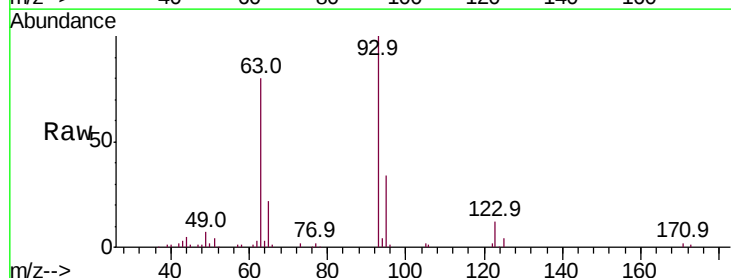


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

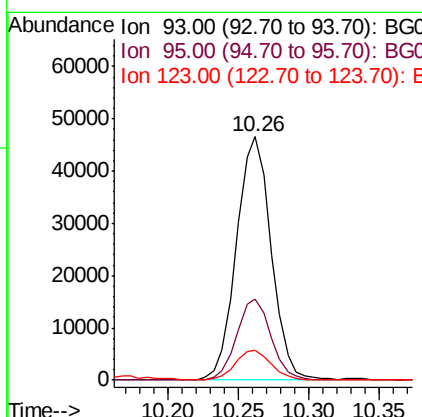
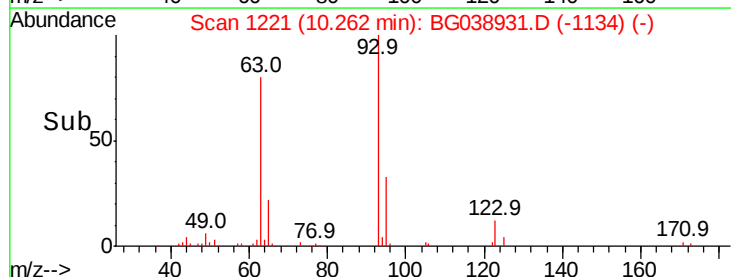


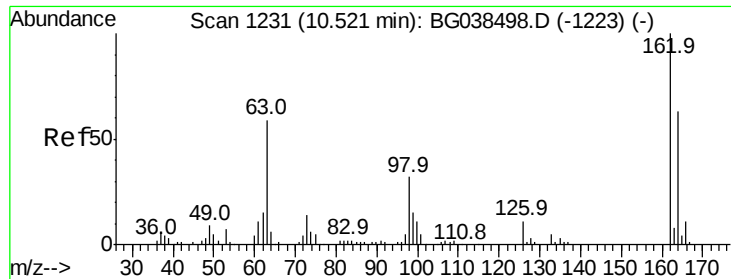
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.223 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion: 93 Resp: 80200
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.6 40.0
 123 12.4 10.6 16.0



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

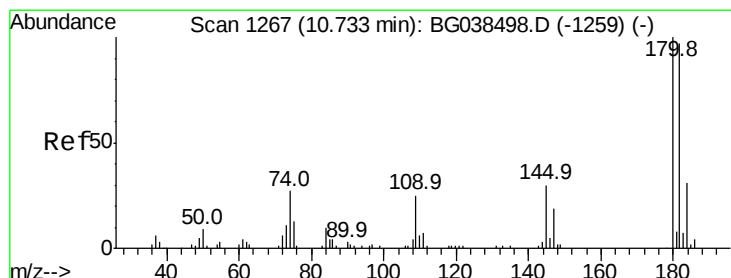
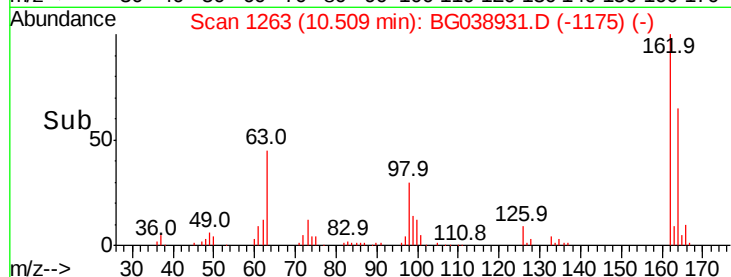
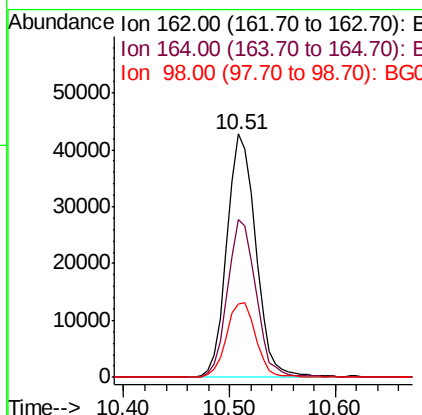
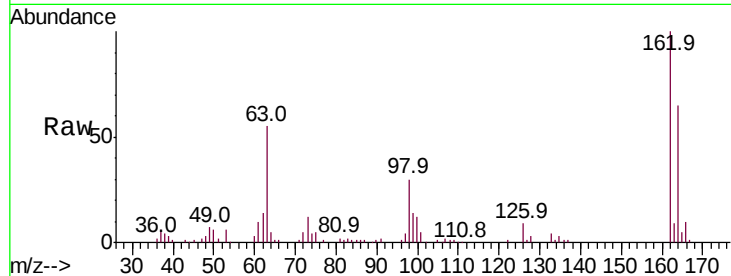




#29
 2,4-Dichlorophenol
 Concen: 51.092 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

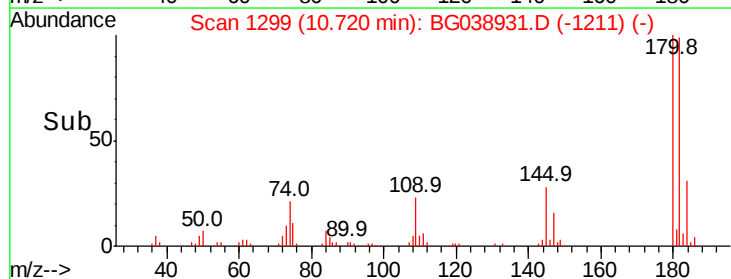
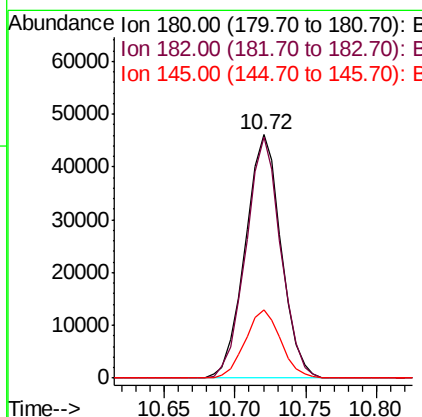
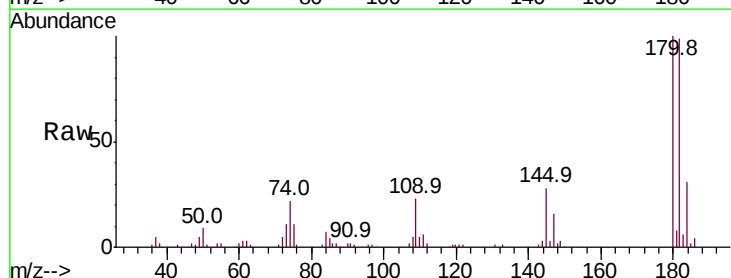
Instrument :
 BNA_G
 ClientSampled :

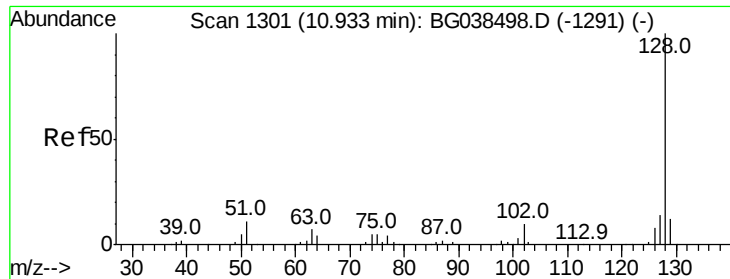
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.9	82.9
98	30.0	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.736 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	77.4	116.0
145	27.9	24.1	36.1

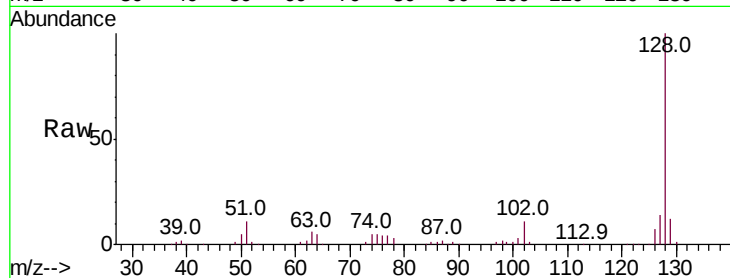




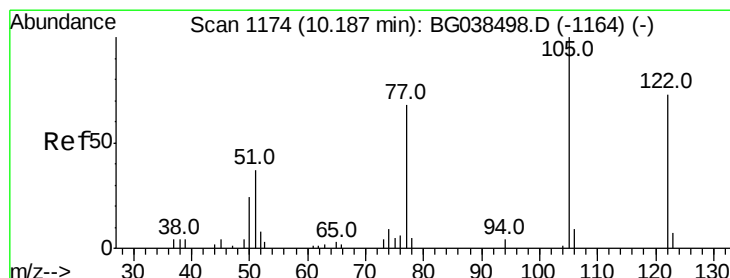
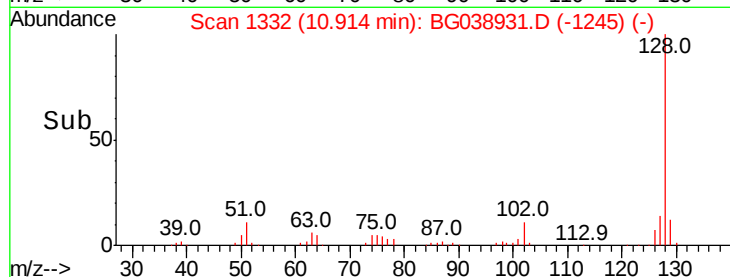
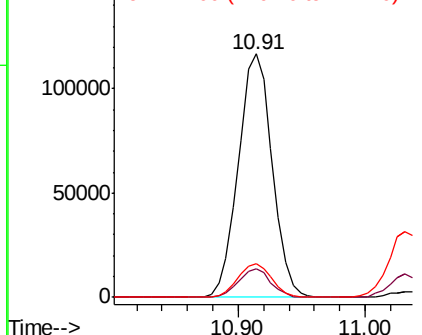
#31
Naphthalene
Concen: 44.765 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 216205
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 14.0 10.9 16.3

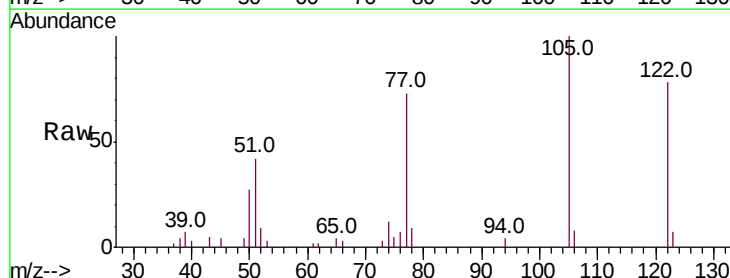


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

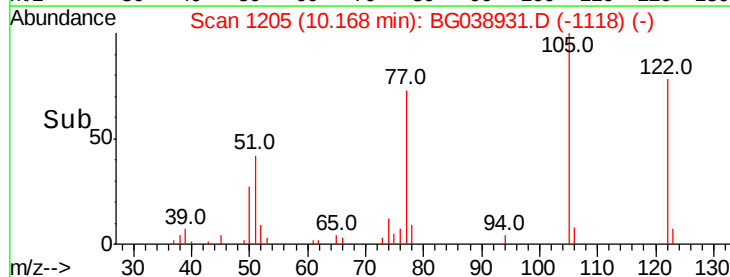
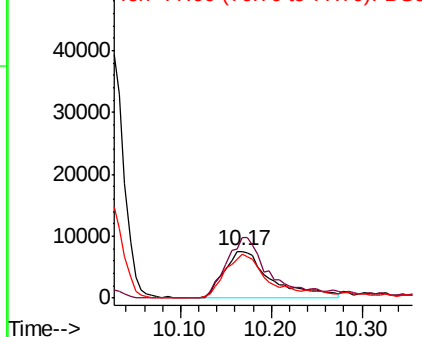


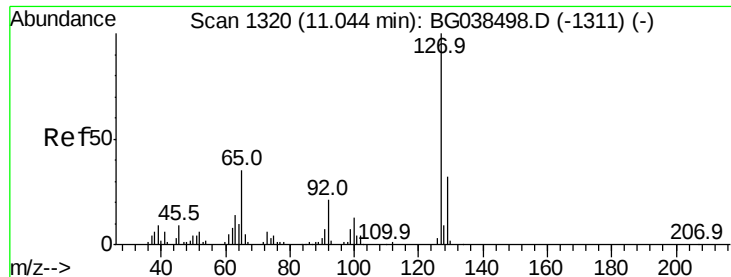
#32
Benzoic acid
Concen: 34.306 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:122 Resp: 27699
Ion Ratio Lower Upper
122 100
105 128.7 116.7 156.7
77 93.4 72.5 112.5



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

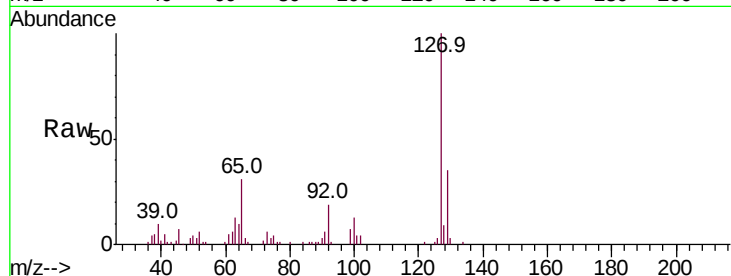




#33
4-Chloroaniline
Concen: 30.425 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	63798
Ion	Ratio	Lower	Upper
127	100		
129	34.8	25.8	38.8
65	30.8	27.8	41.6
92	18.8	17.0	25.6



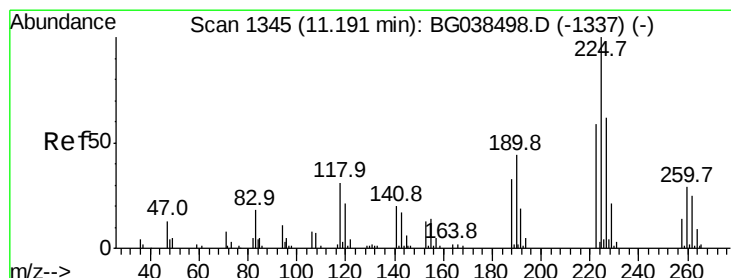
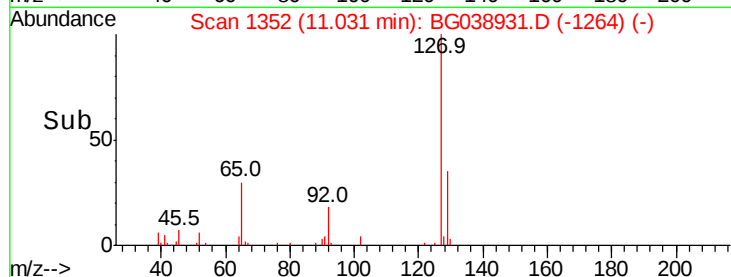
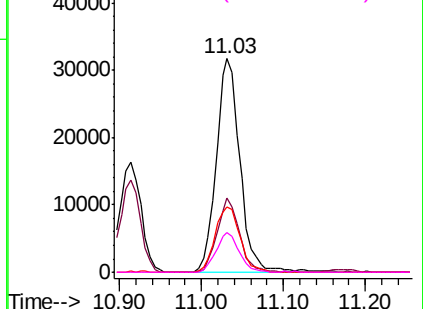
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

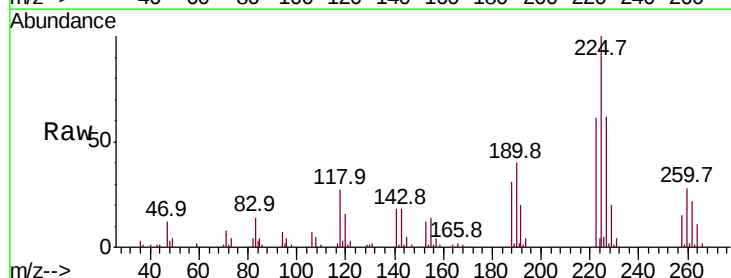
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.603 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:	225	Resp:	55155
Ion	Ratio	Lower	Upper
225	100		
223	58.3	45.0	67.6
227	61.5	50.6	75.8

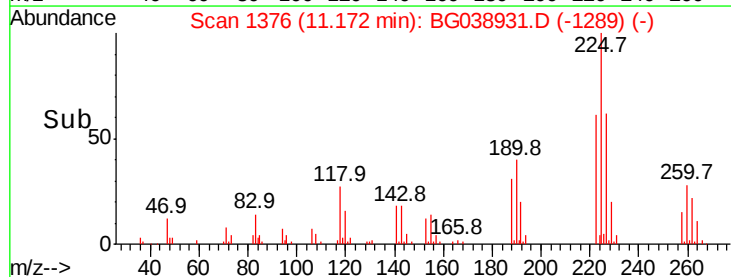
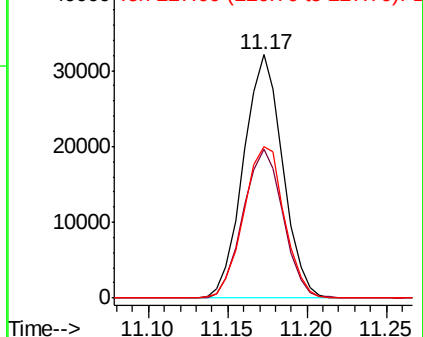


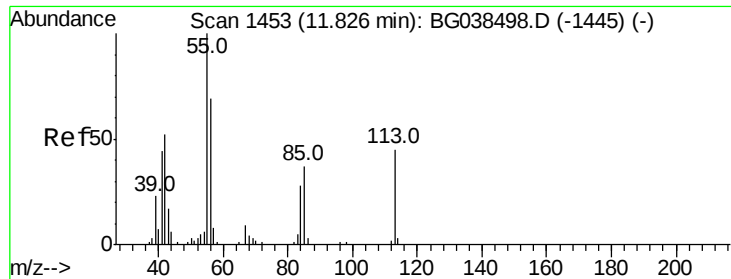
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.944 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampled :

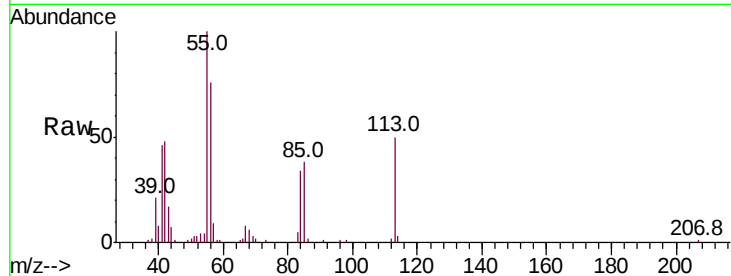
Tot Ion:113 Resp: 28151

Ion Ratio Lower Upper

113 100

55 200.8 204.3 244.3#

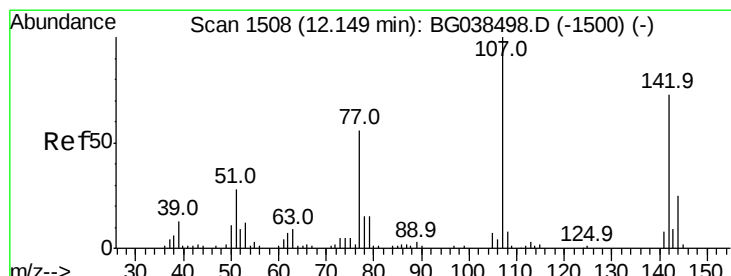
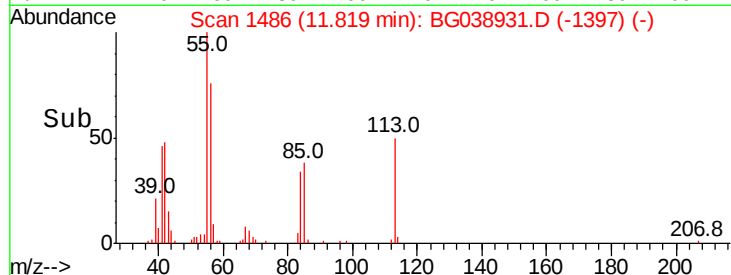
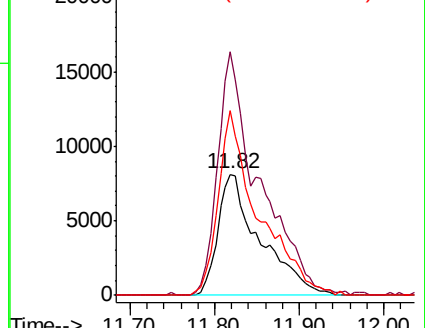
56 152.9 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.606 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

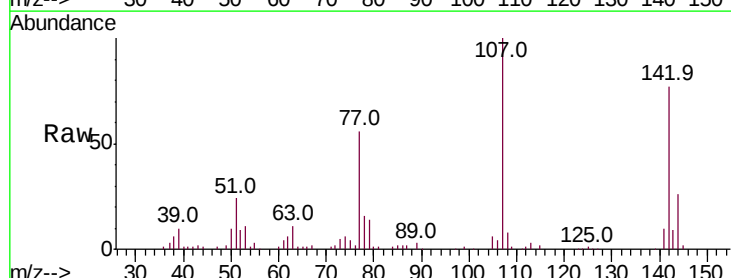
Tgt Ion:107 Resp: 84245

Ion Ratio Lower Upper

107 100

144 25.8 20.1 30.1

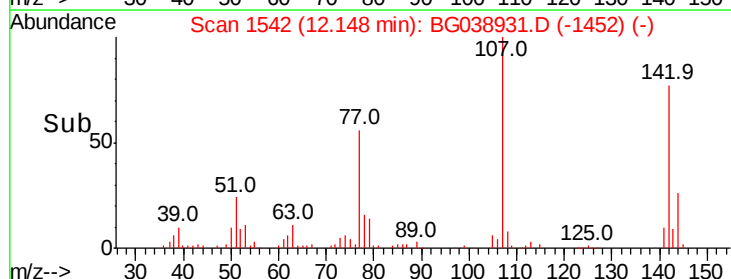
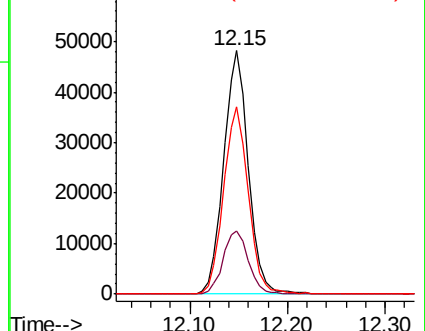
142 77.0 58.7 88.1

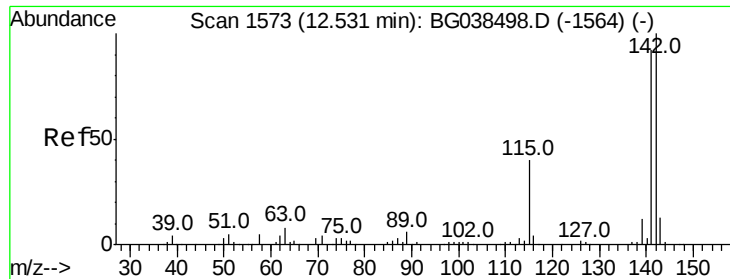


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

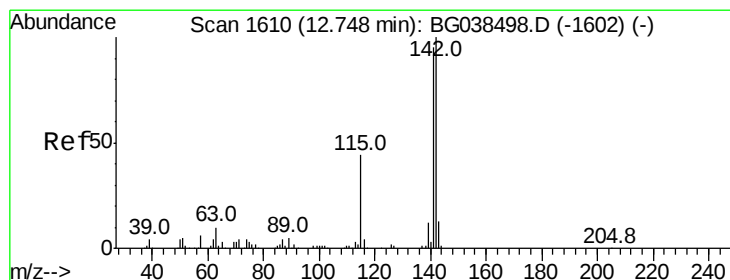
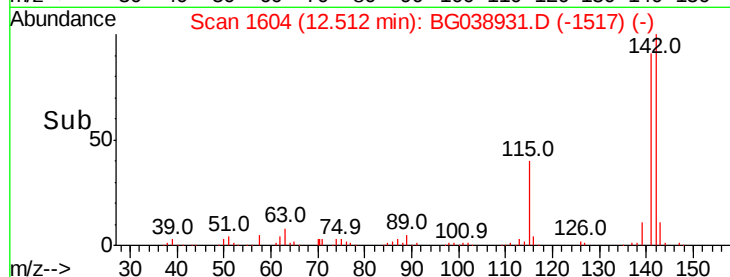
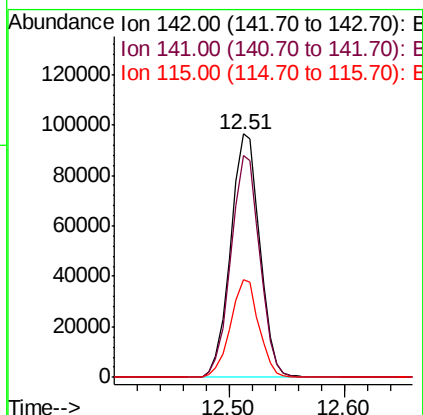
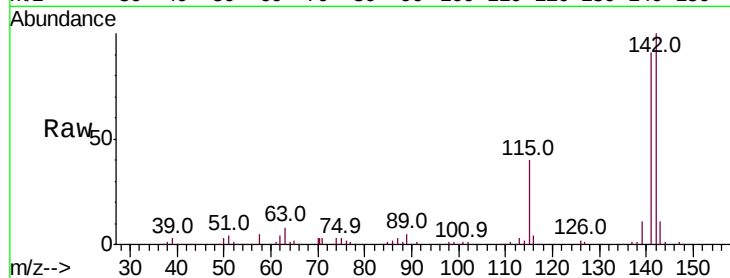




#37
2-Methylnaphthalene
Concen: 48.793 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

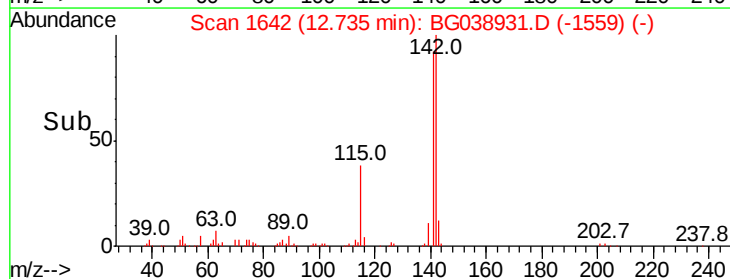
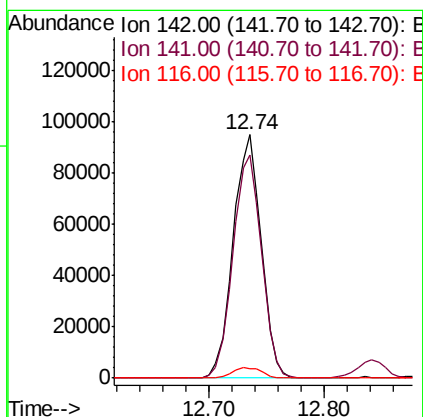
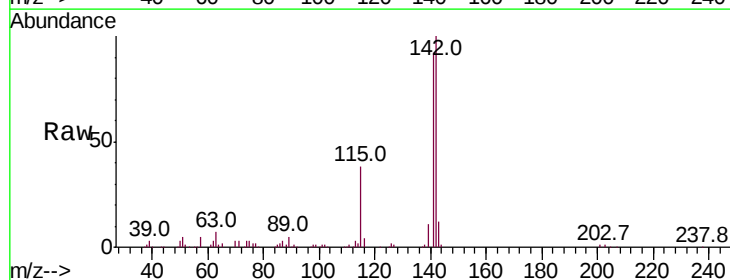
Instrument :
BNA_G
ClientSampleId :

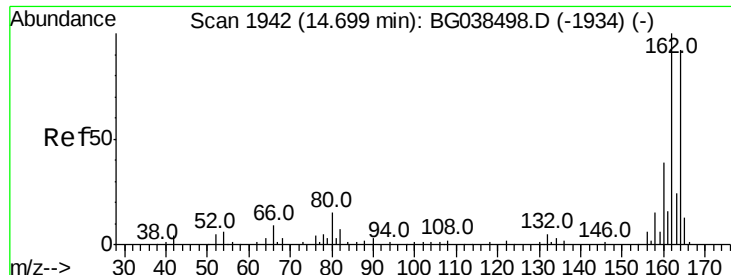
Tot Ion:142 Resp: 168121
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3
115 40.3 31.7 47.5



#38
1-Methylnaphthalene
Concen: 47.513 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:142 Resp: 158864
Ion Ratio Lower Upper
142 100
141 91.7 75.8 113.8
116 3.9 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

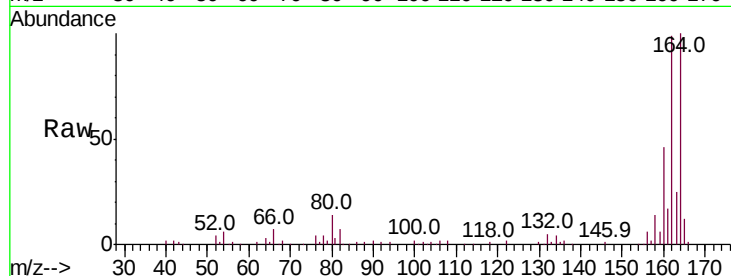
Tot Ion:164 Resp: 70081

Ion Ratio Lower Upper

164 100

162 99.0 86.6 130.0

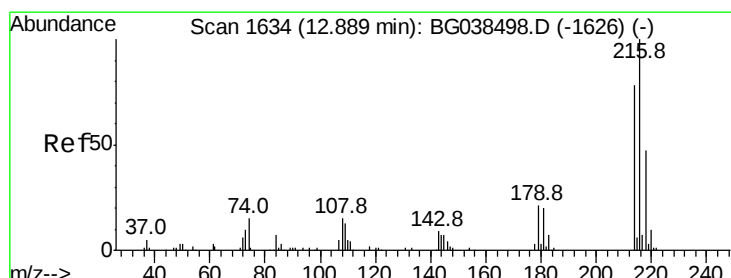
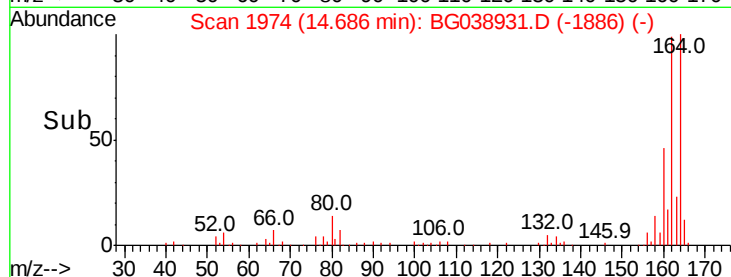
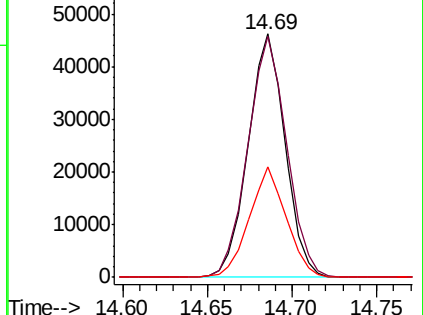
160 45.5 34.2 51.2



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: 40.070 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:216 Resp: 104967

Ion Ratio Lower Upper

216 100

214 80.6 64.1 96.1

179 19.8 16.4 24.6

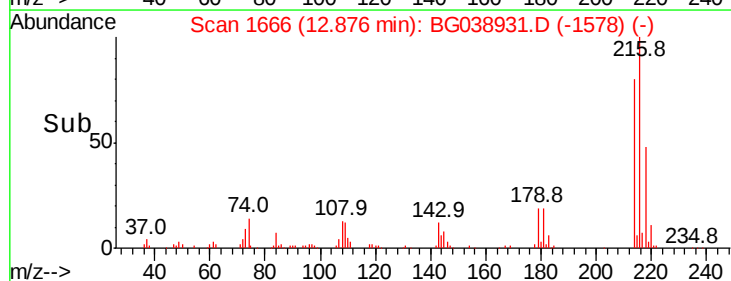
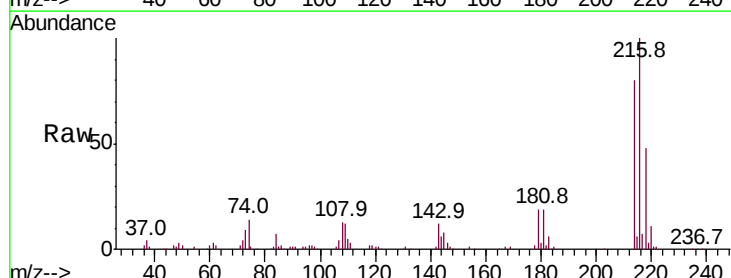
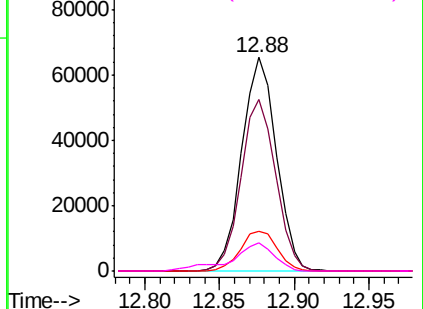
108 16.1 13.9 20.9

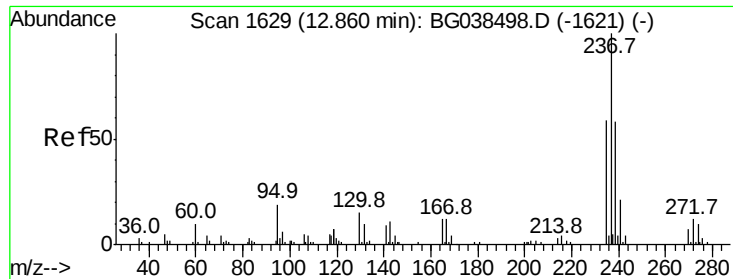
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.988 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

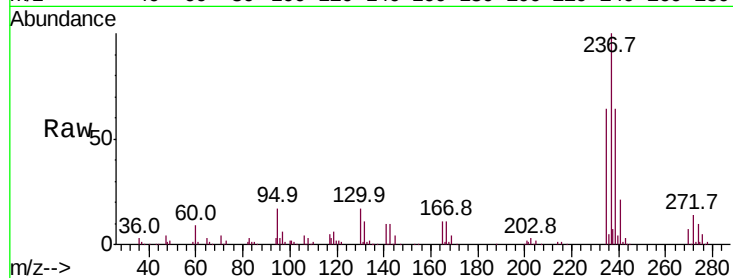
Instrument :

BNA_G

ClientSampled :

Tot Ion:237 Resp: 117997

Ion	Ratio	Lower	Upper
237	100		
235	64.2	38.8	78.8
272	13.9	0.0	32.0

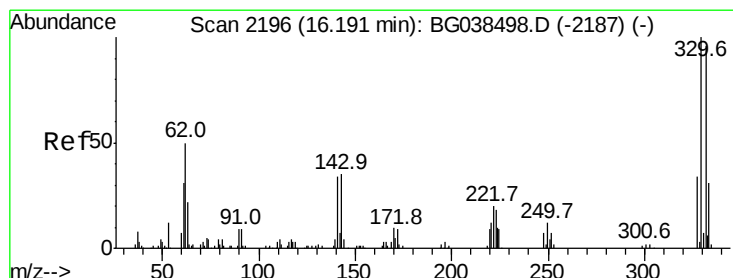
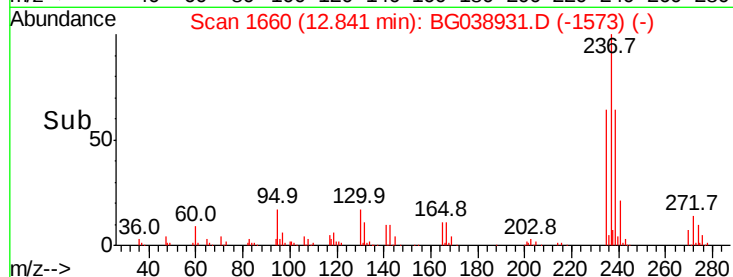
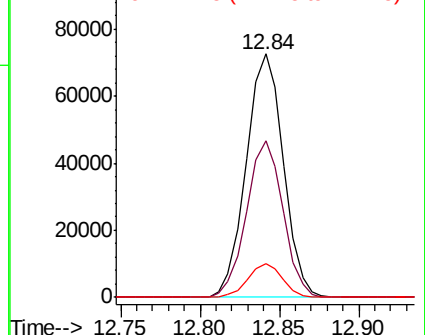


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.471 ng

RT: 16.18 min Scan# 2228

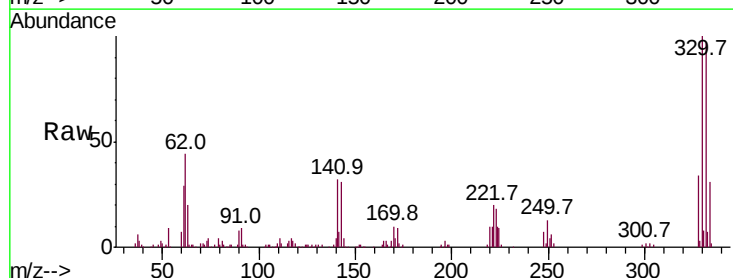
Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:330 Resp: 132775

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	32.3	28.8	43.2

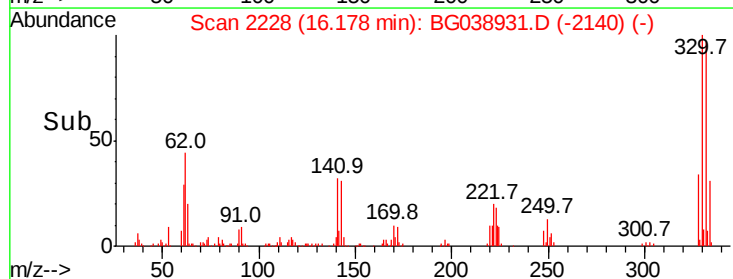
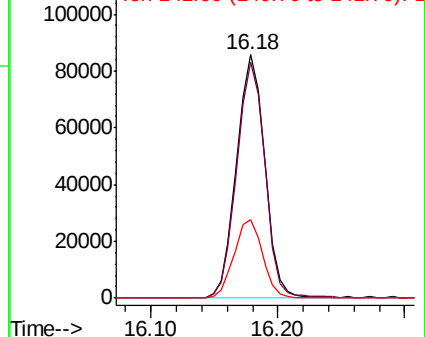


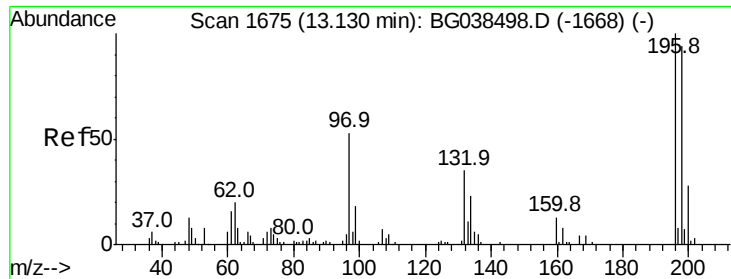
Abundance

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

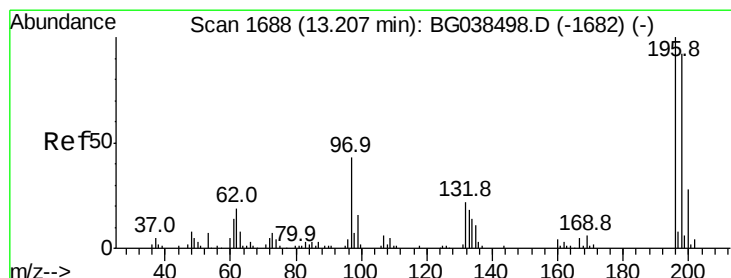
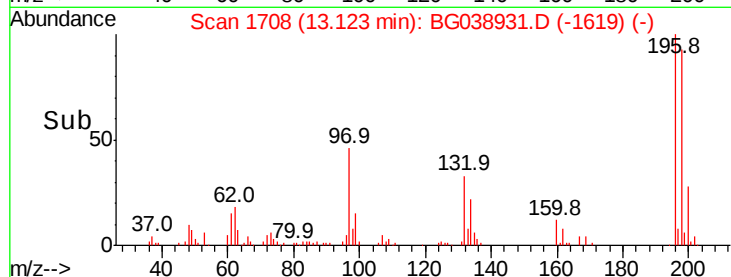
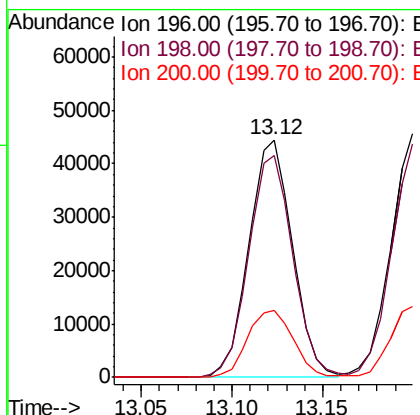
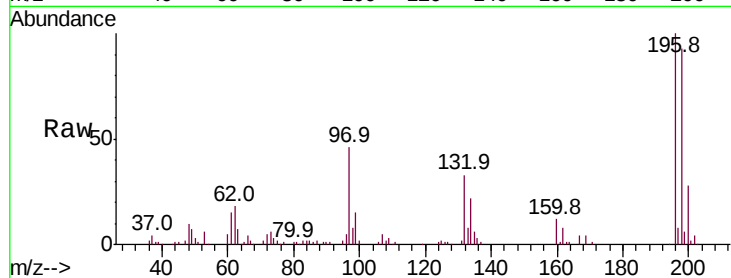




#43
 2,4,6-Trichlorophenol
 Concen: 46.045 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

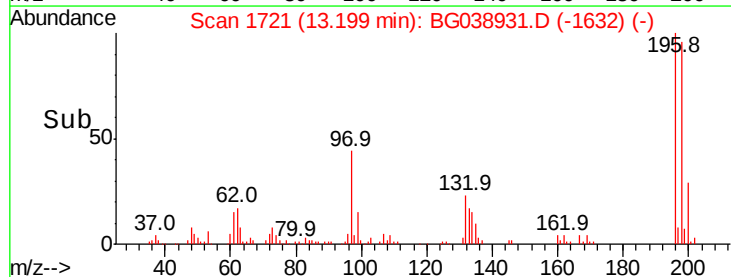
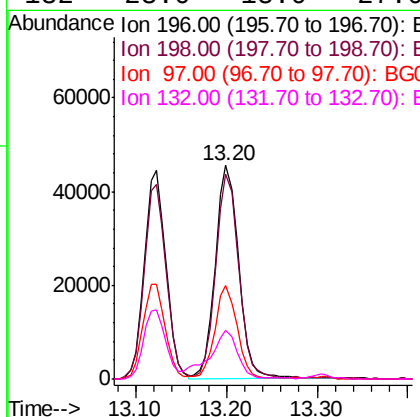
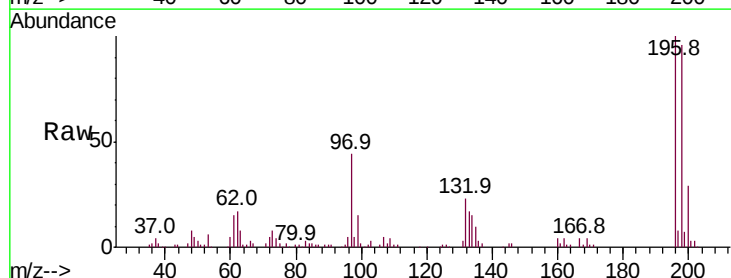
Instrument :
 BNA_G
 ClientSampleId :

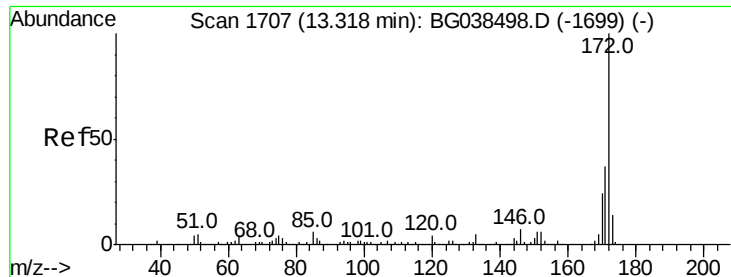
Tot Ion:196 Resp: 74164
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.0 112.4
 200 28.0 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.552 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion:196 Resp: 81094
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.0 111.0
 97 44.0 35.1 52.7
 132 23.0 18.0 27.0

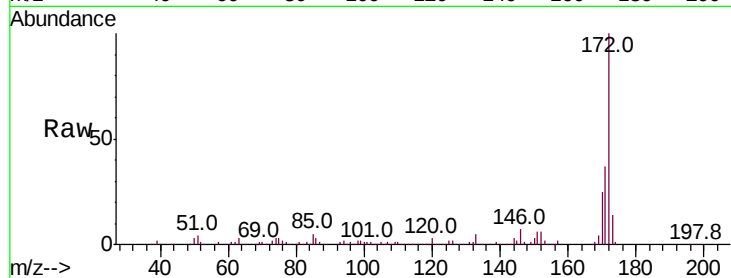




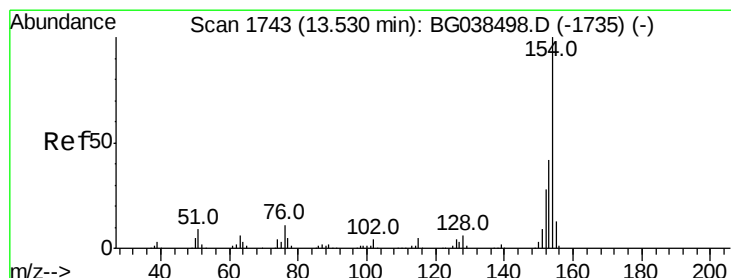
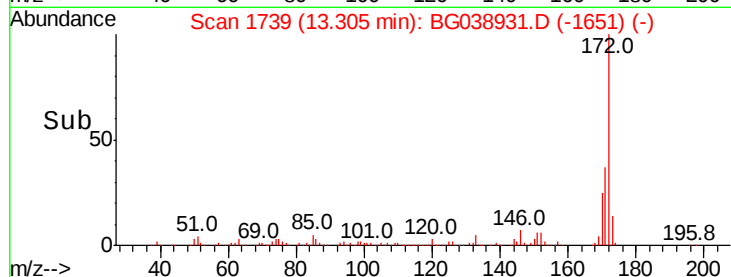
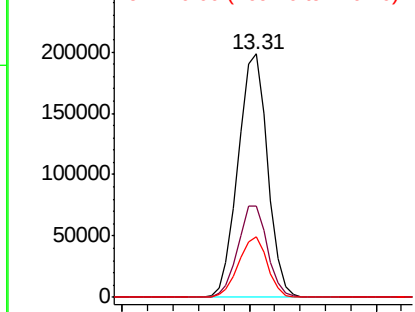
#45
2-Fluorobiphenyl
Concen: 62.576 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 319671
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.8 19.5 29.3

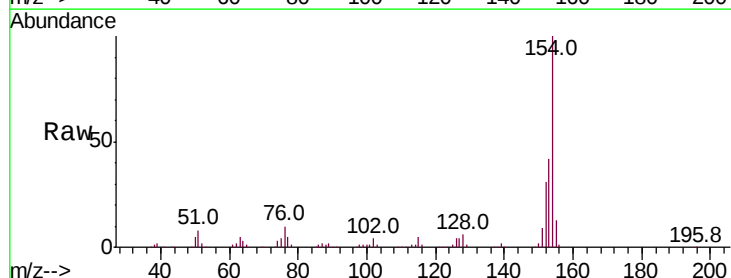


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

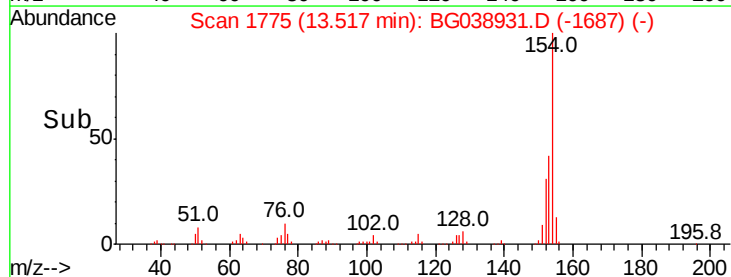
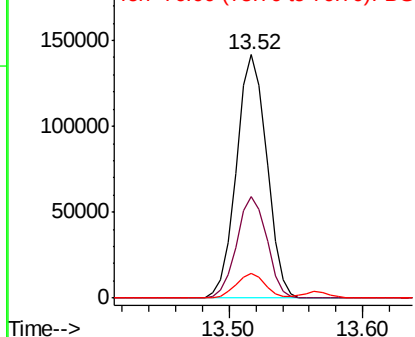


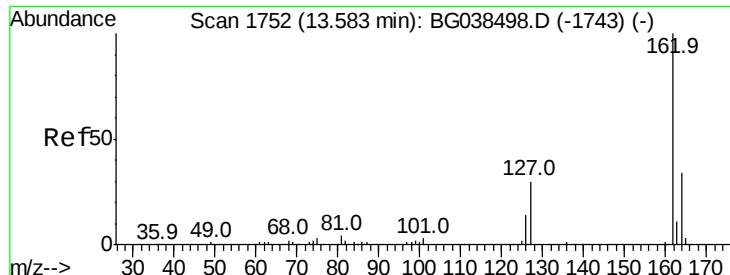
#46
1,1'-Biphenyl
Concen: 37.929 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:154 Resp: 222836
Ion Ratio Lower Upper
154 100
153 41.7 22.1 62.1
76 10.0 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

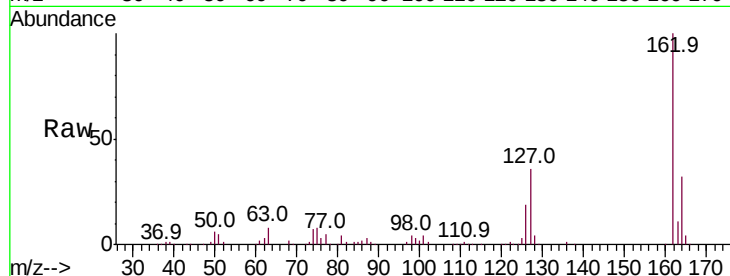




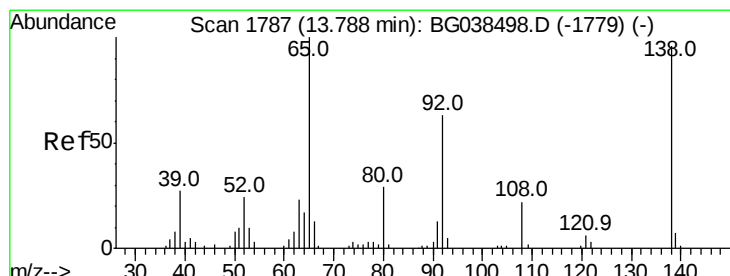
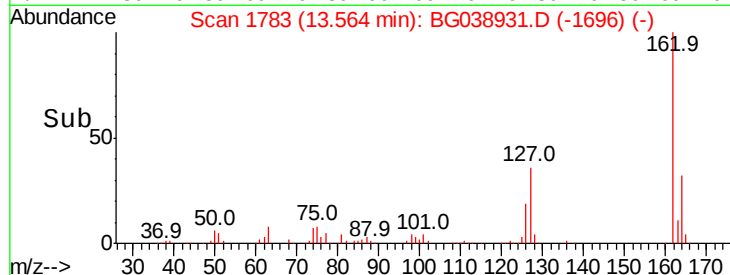
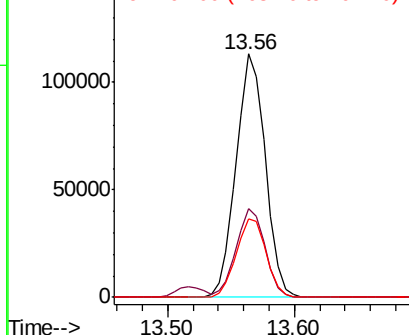
#47
2-Chloronaphthalene
Concen: 39.761 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 180440
Ion Ratio Lower Upper
162 100
127 36.3 27.8 41.8
164 32.3 26.9 40.3

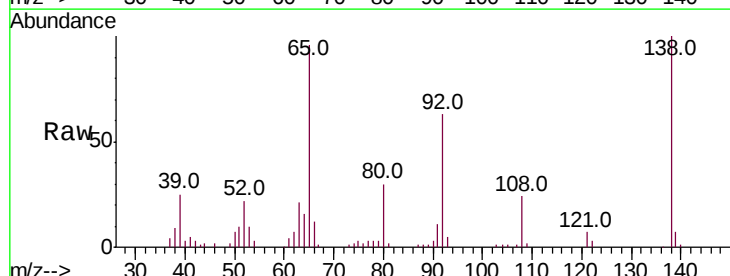


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

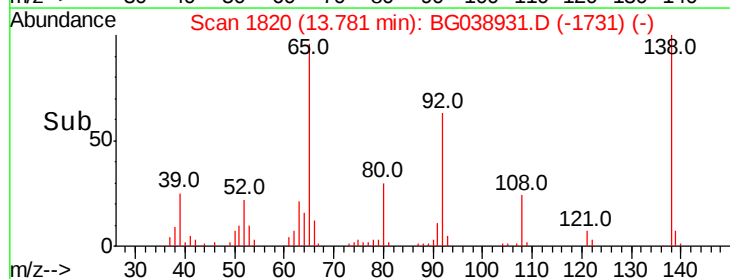
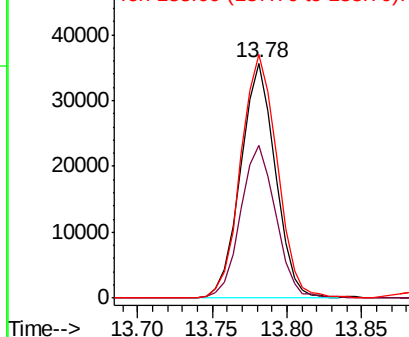


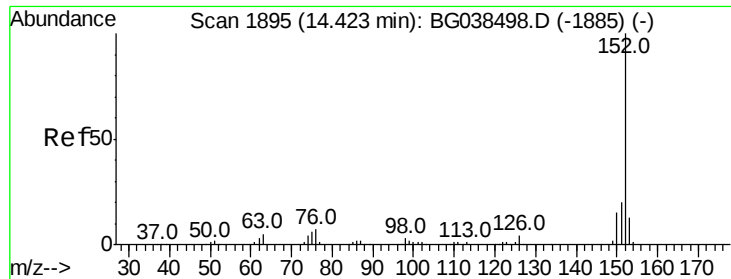
#48
2-Nitroaniline
Concen: 39.715 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion: 65 Resp: 57408
Ion Ratio Lower Upper
65 100
92 64.8 50.0 75.0
138 103.7 76.9 115.3



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





#49

Acenaphthylene

Concen: 44.316 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

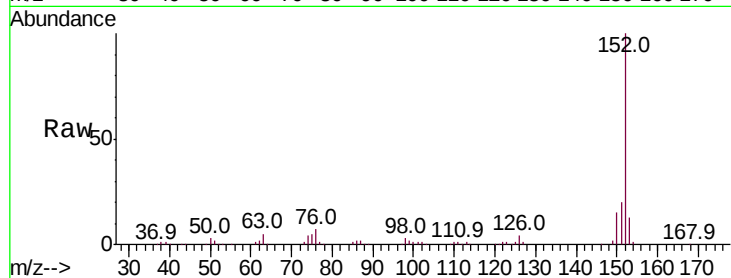
Tot Ion:152 Resp: 300654

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

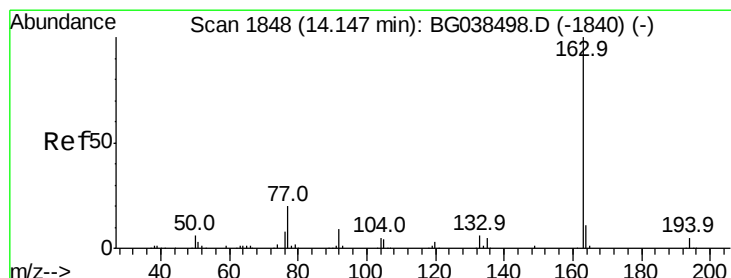
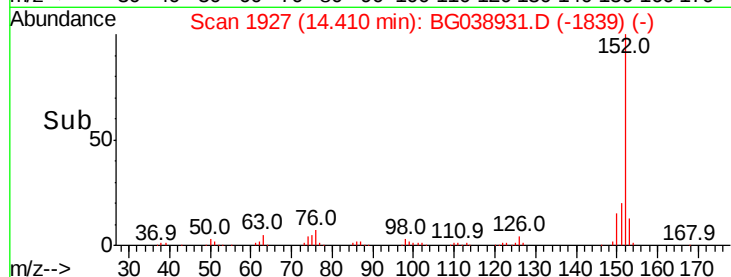
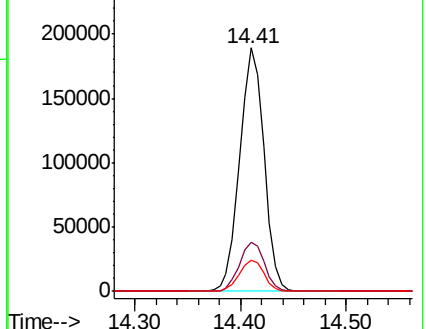
153 12.8 10.4 15.6



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: 42.467 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

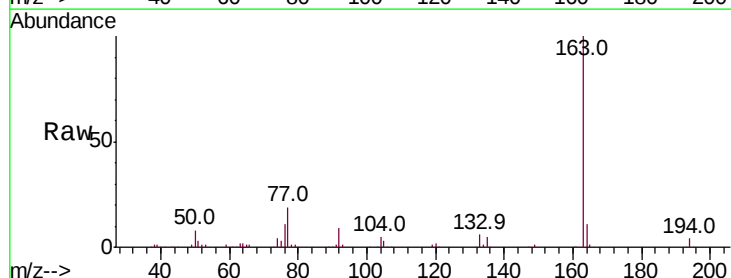
Tgt Ion:163 Resp: 243043

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

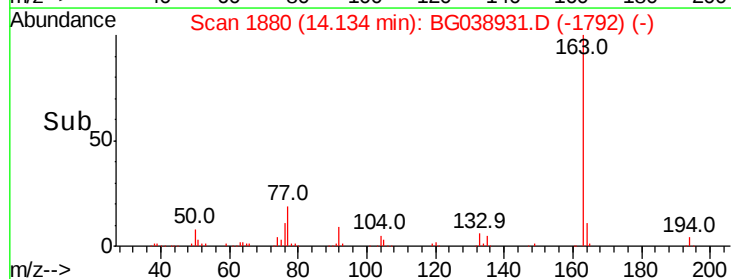
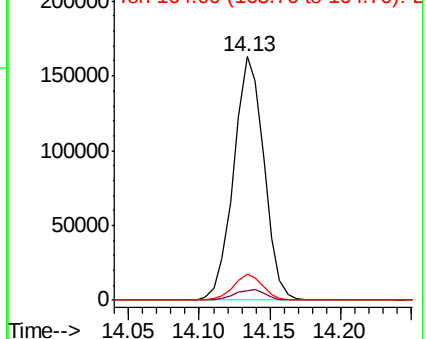
164 10.6 8.6 12.8

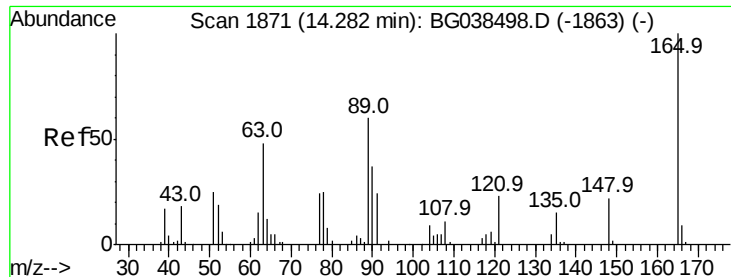


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.832 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampled :

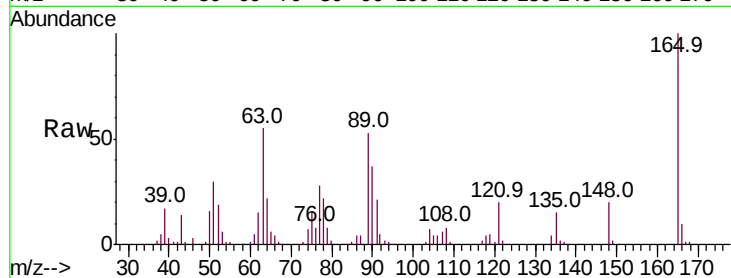
Tot Ion:165 Resp: 55550

Ion Ratio Lower Upper

165 100

63 54.7 51.8 77.6

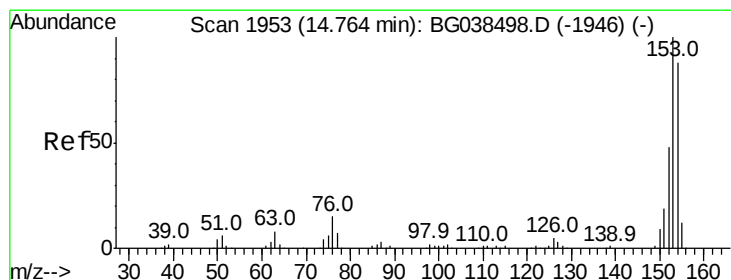
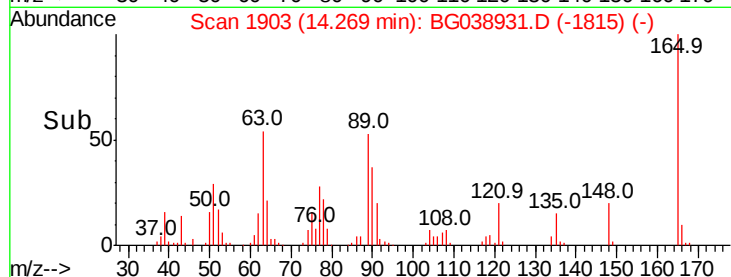
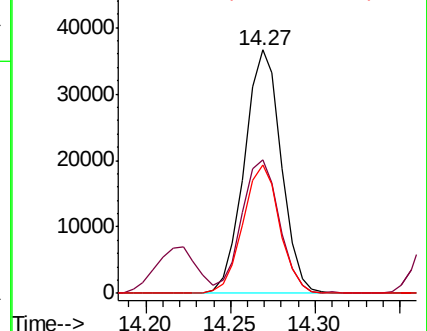
89 52.8 47.9 71.9



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: 42.225 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

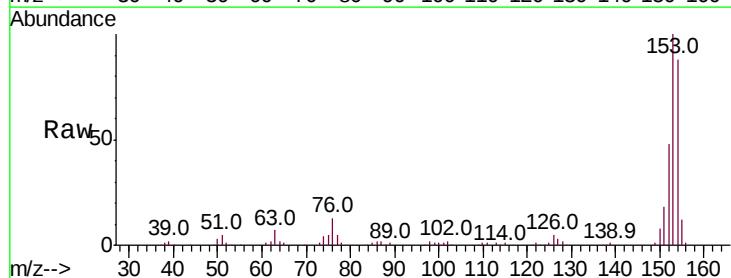
Tgt Ion:154 Resp: 171300

Ion Ratio Lower Upper

154 100

153 113.1 90.6 136.0

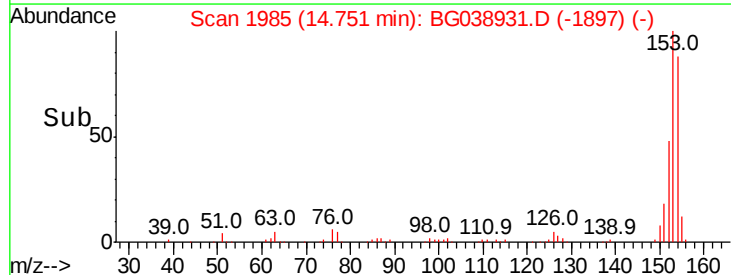
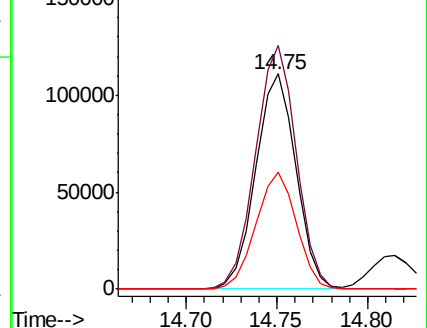
152 54.5 43.5 65.3

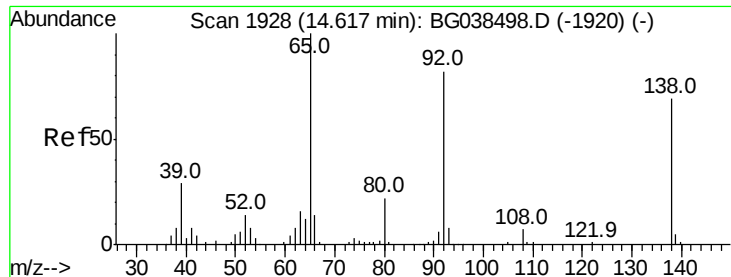


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

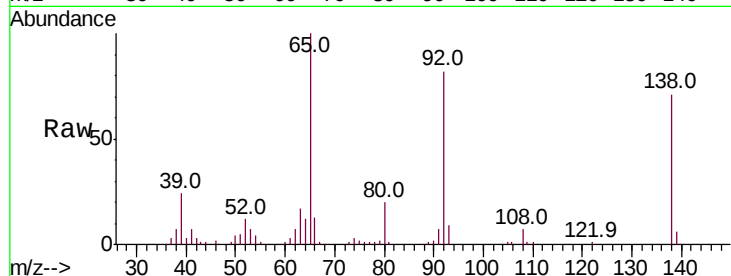




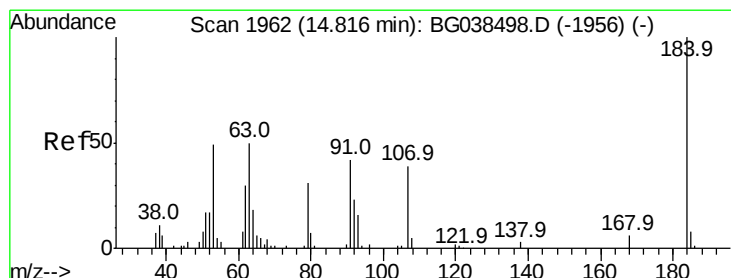
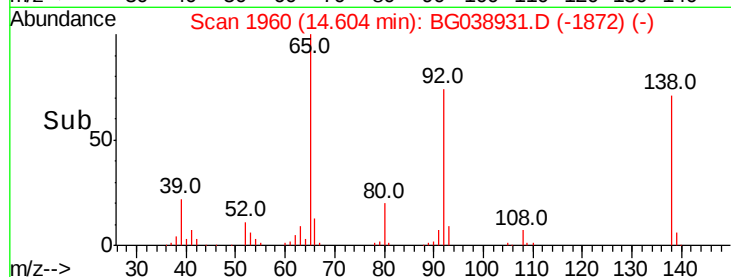
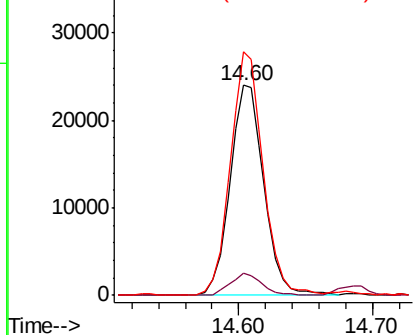
#53
3-Nitroaniline
Concen: 31.861 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 42123
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 116.1 95.3 142.9

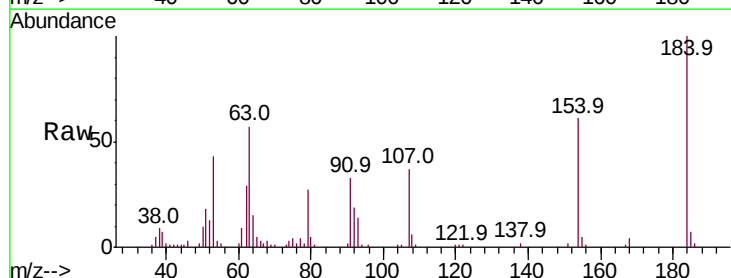


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

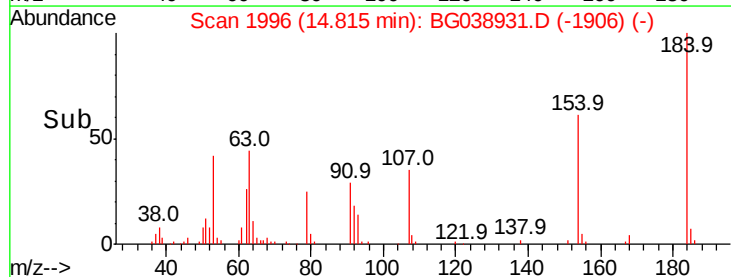
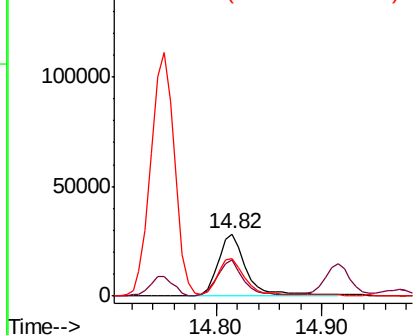


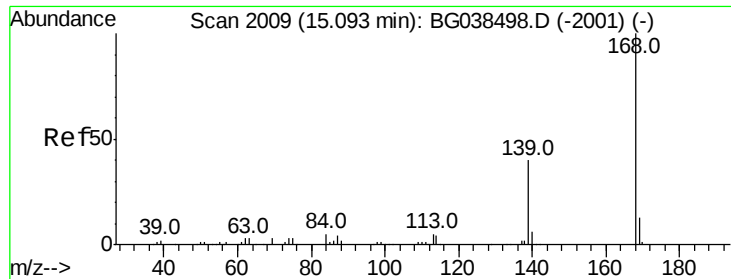
#54
2,4-Dinitrophenol
Concen: 69.758 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:184 Resp: 53284
Ion Ratio Lower Upper
184 100
63 57.3 47.0 70.6
154 60.9 50.3 75.5



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

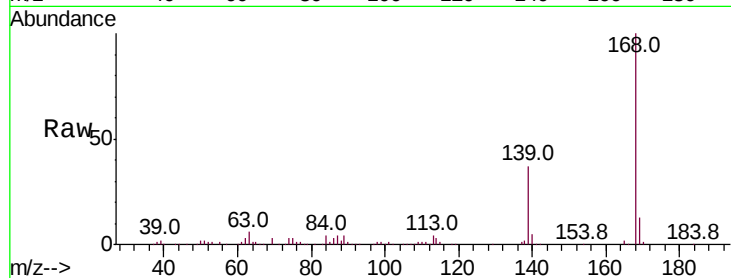




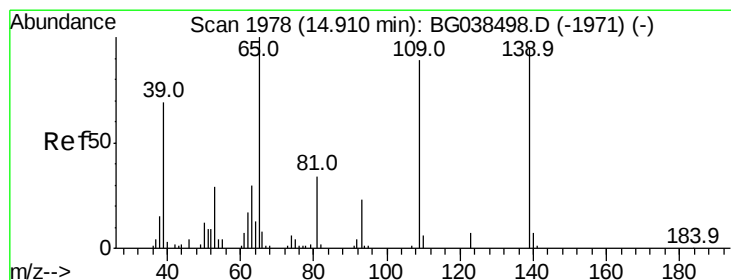
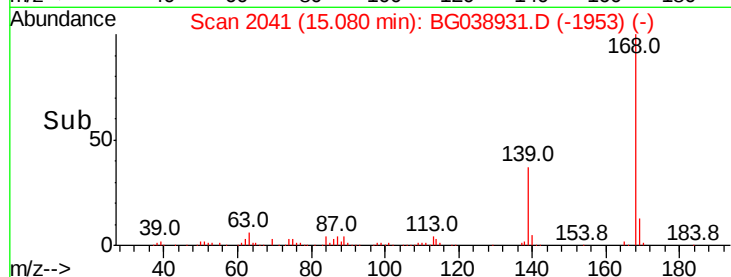
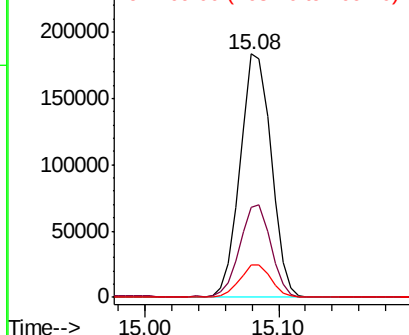
#55
Dibenzofuran
Concen: 42.535 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 295788
Ion Ratio Lower Upper
168 100
139 36.8 32.2 48.2
169 13.5 10.6 16.0

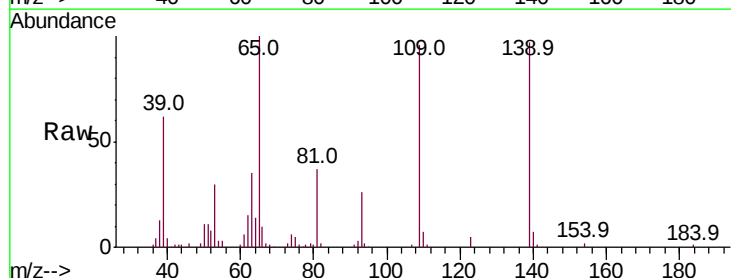


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

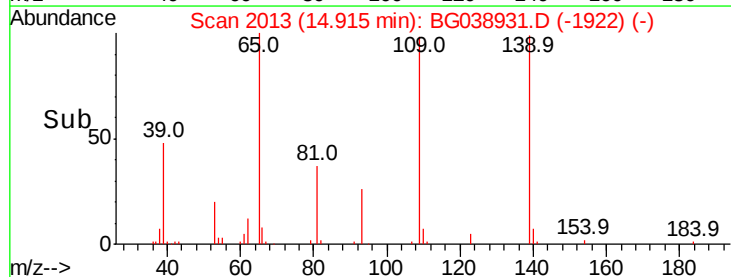
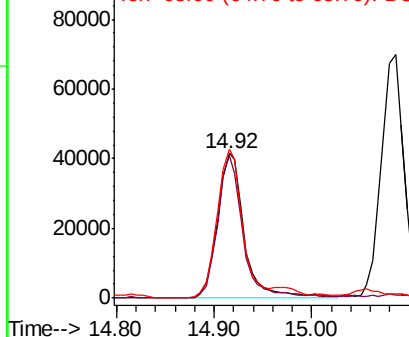


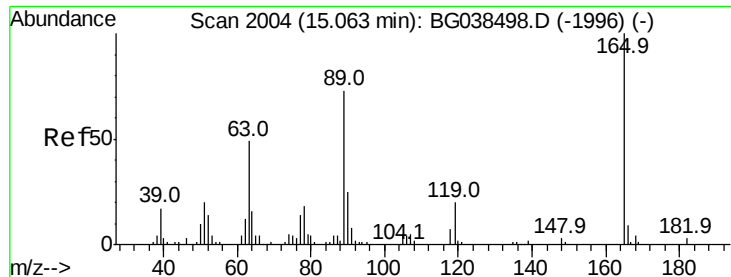
#56
4-Nitrophenol
Concen: 78.985 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:139 Resp: 79219
Ion Ratio Lower Upper
139 100
109 98.8 73.6 113.6
65 103.1 84.8 124.8



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

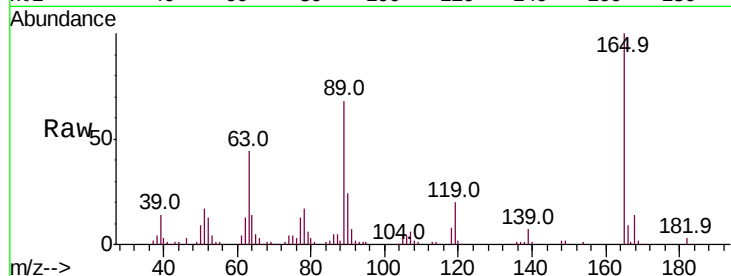




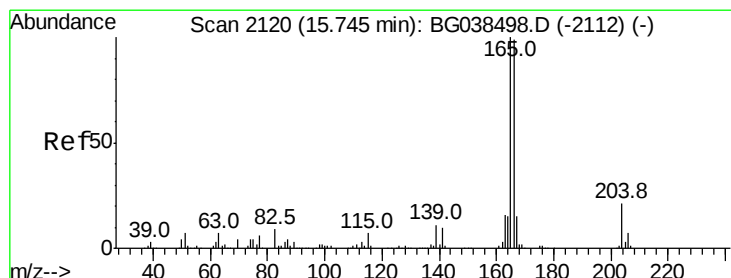
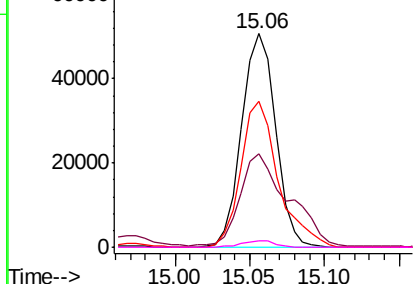
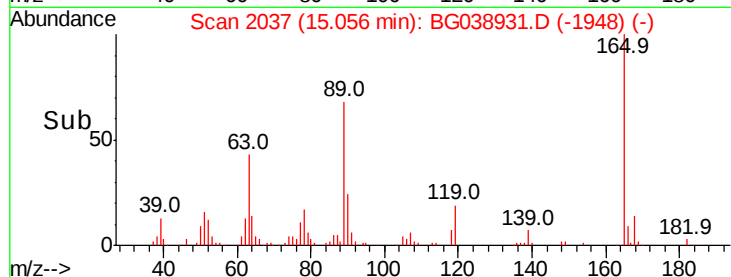
#57
2,4-Dinitrotoluene
Concen: 43.679 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 79788
Ion Ratio Lower Upper
165 100
63 43.6 39.0 58.4
89 68.3 58.0 87.0
182 2.8 2.3 3.5

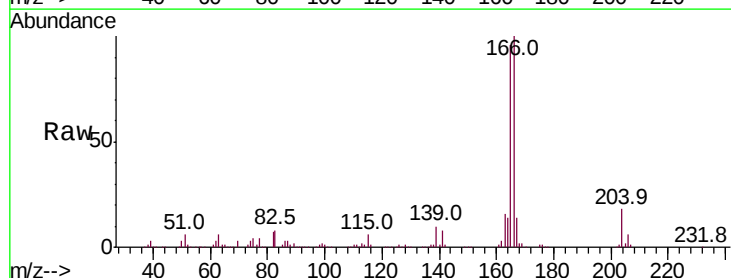


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

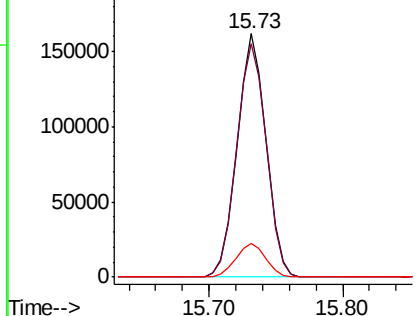
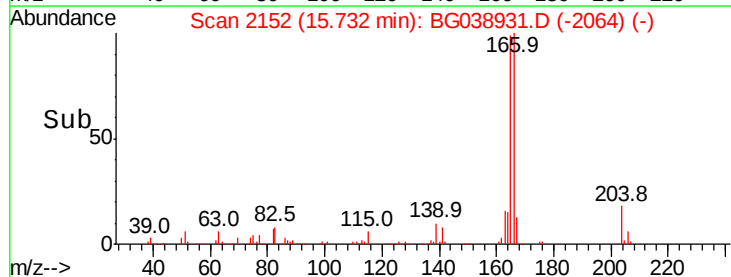


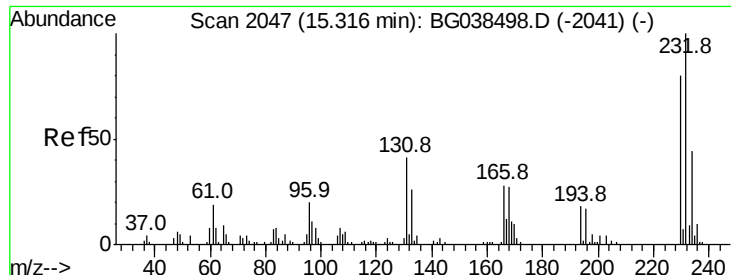
#58
Fluorene
Concen: 46.833 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:166 Resp: 241289
Ion Ratio Lower Upper
166 100
165 95.6 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

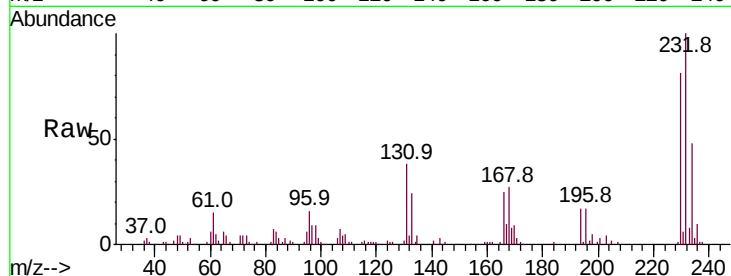




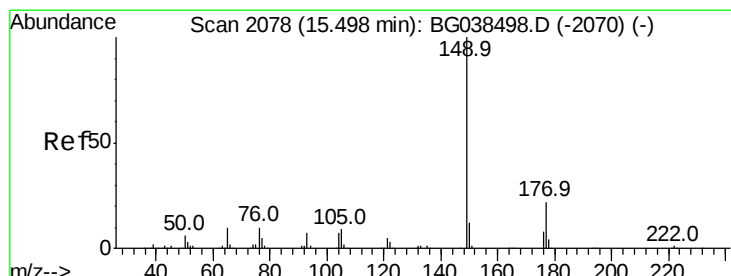
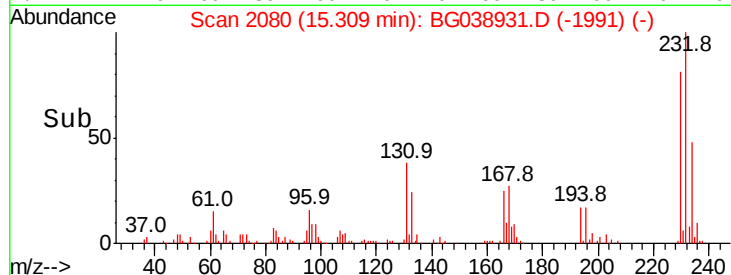
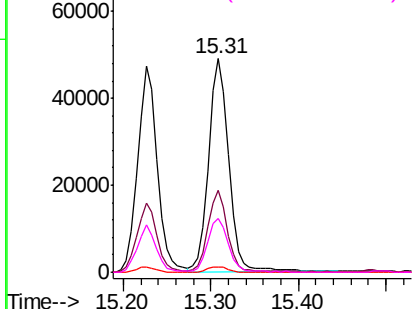
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.320 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 78740
 Ion Ratio Lower Upper
 232 100
 131 36.2 33.0 49.4
 130 2.4 2.0 3.0
 166 26.0 23.1 34.7

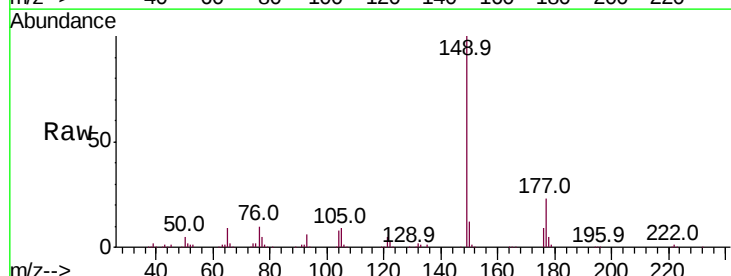


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

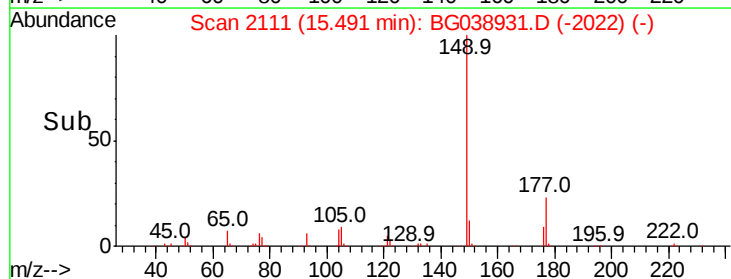
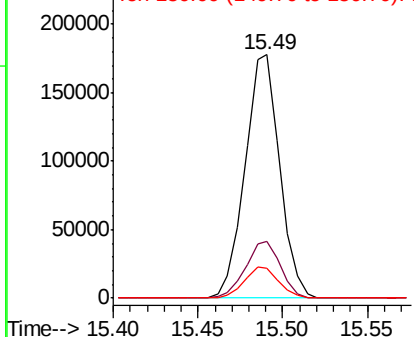


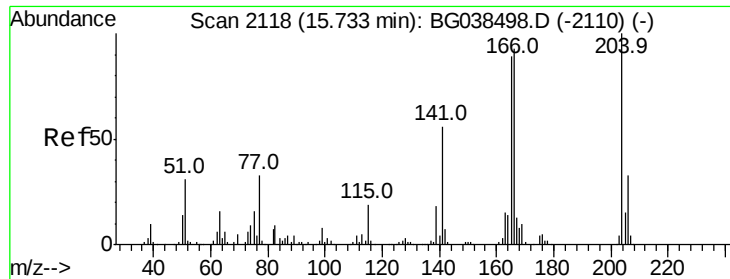
#60
 Diethylphthalate
 Concen: 40.206 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion:149 Resp: 252599
 Ion Ratio Lower Upper
 149 100
 177 23.2 17.7 26.5
 150 12.1 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

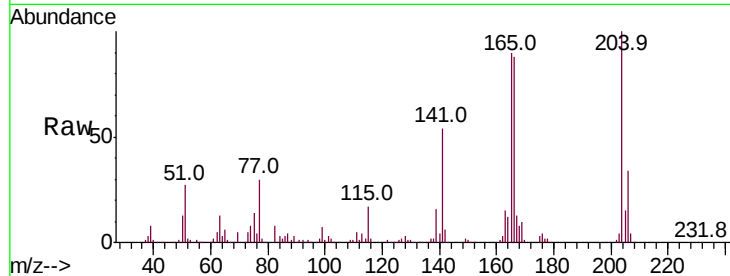




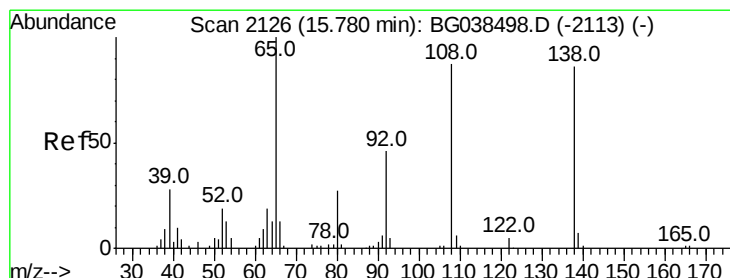
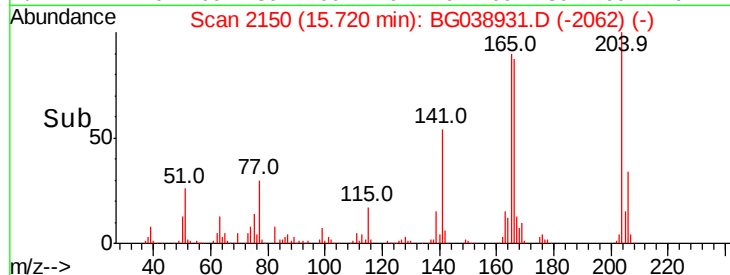
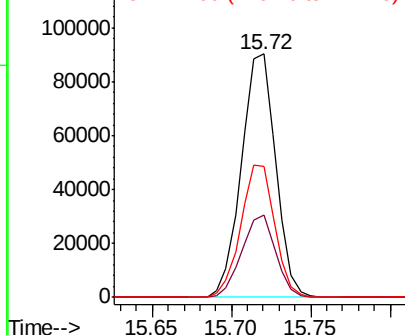
#61
 4-Chlorophenyl-phenylether
 Concen: 42.163 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 135535
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.0 39.0
 141 54.0 44.4 66.6

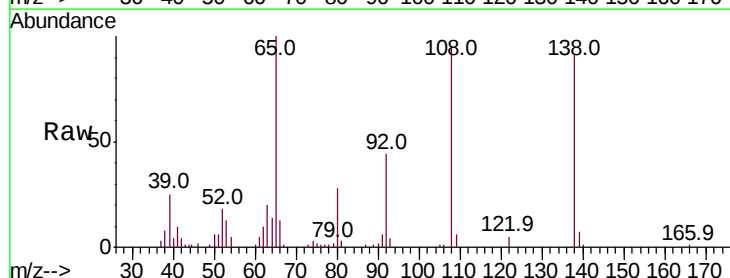


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

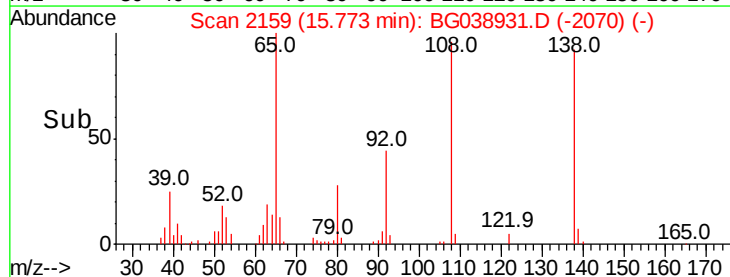
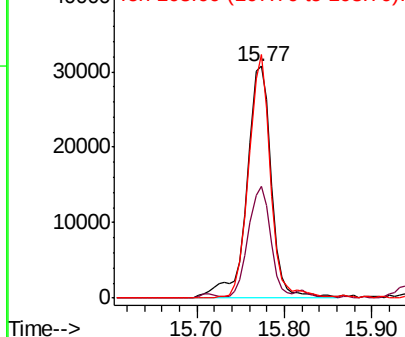


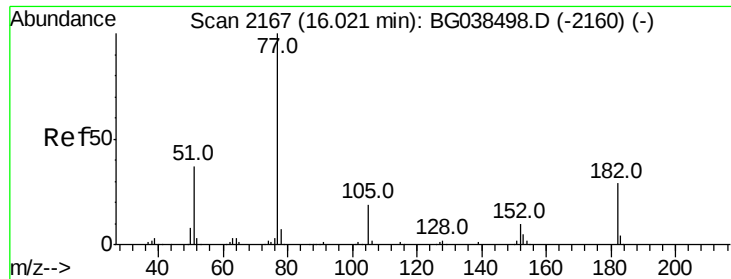
#62
 4-Nitroaniline
 Concen: 42.901 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion:138 Resp: 58393
 Ion Ratio Lower Upper
 138 100
 92 48.3 33.3 73.3
 108 105.0 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

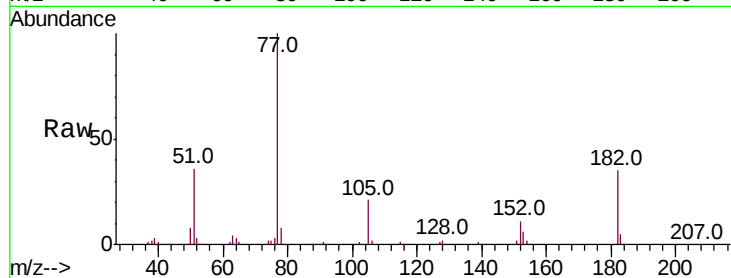




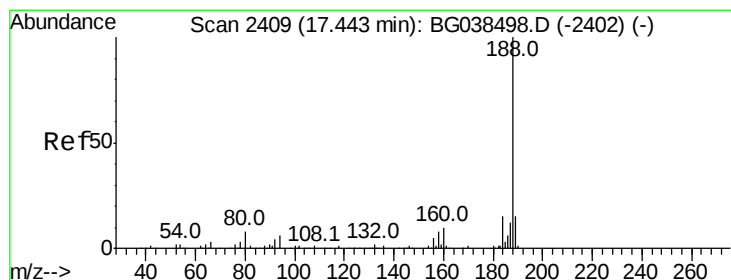
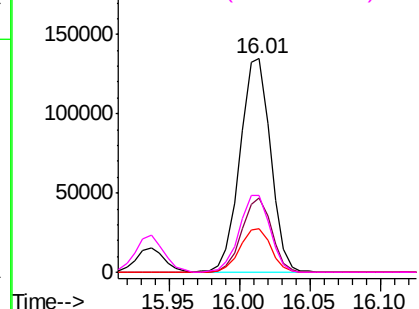
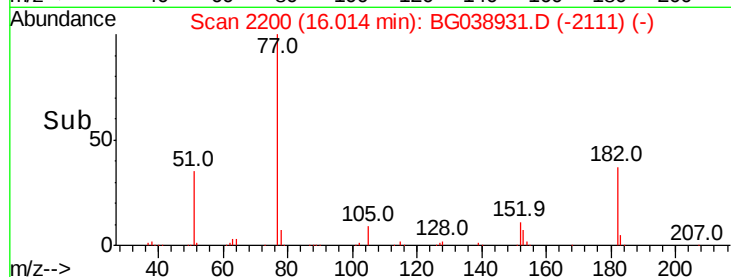
#63
Azobenzene
Concen: 38.960 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 204478
Ion Ratio Lower Upper
77 100
182 35.0 8.7 48.7
105 20.7 0.0 38.7
51 35.9 16.6 56.6

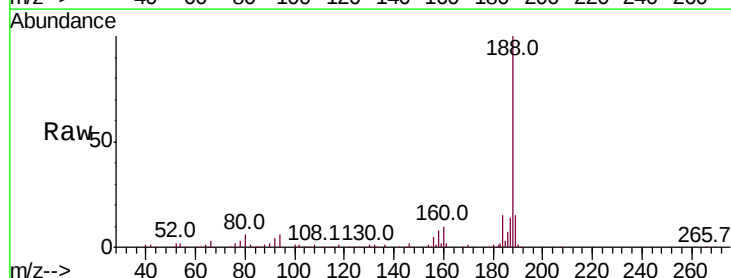


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

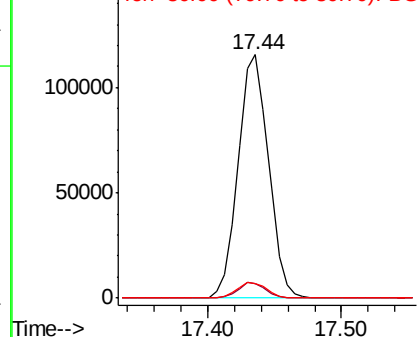
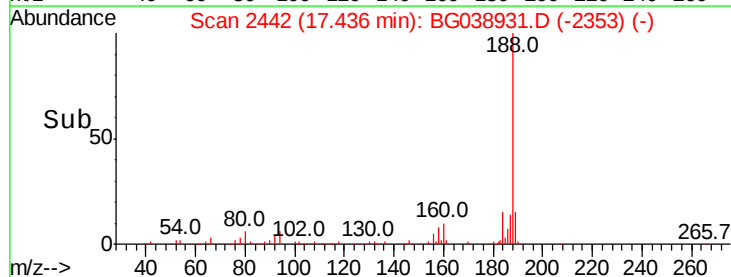


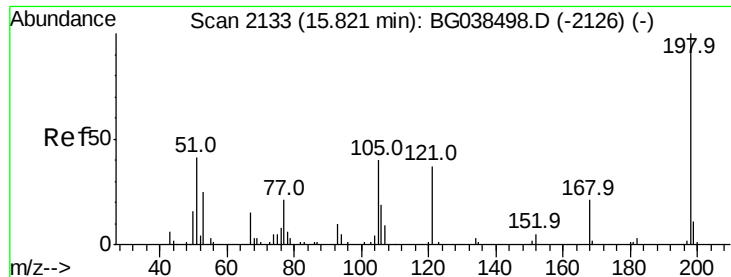
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:188 Resp: 182378
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.2 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.217 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

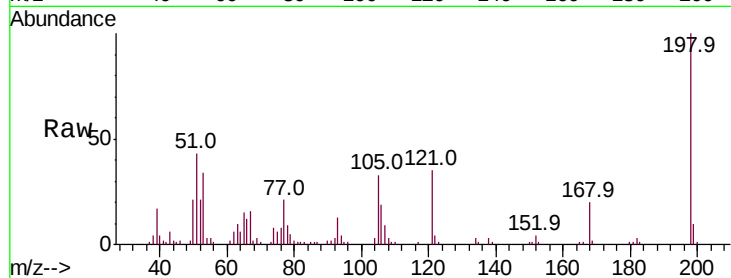
Tot Ion:198 Resp: 48419

Ion Ratio Lower Upper

198 100

51 42.9 28.6 68.6

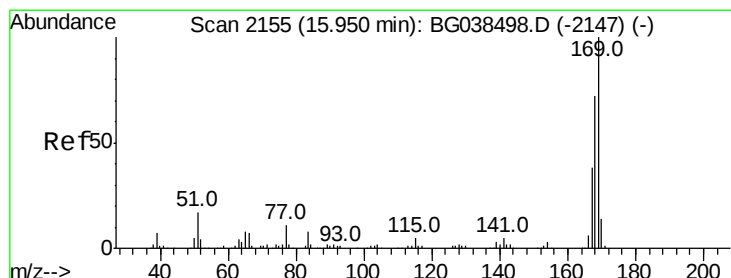
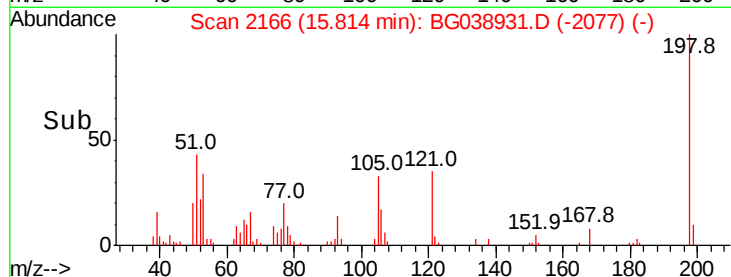
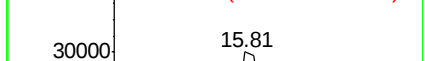
105 32.9 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038498.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): BG038498.D (-2126) (-)



#66

n-Nitrosodiphenylamine

Concen: 41.278 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

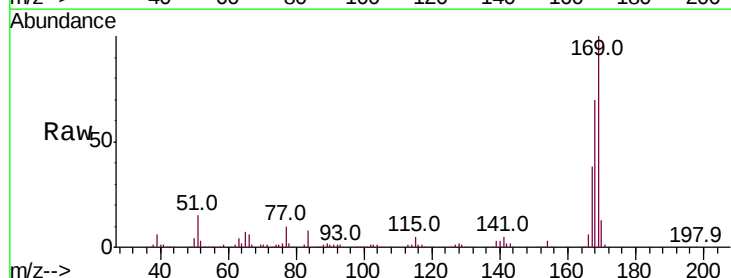
Tgt Ion:169 Resp: 221197

Ion Ratio Lower Upper

169 100

168 69.9 57.5 86.3

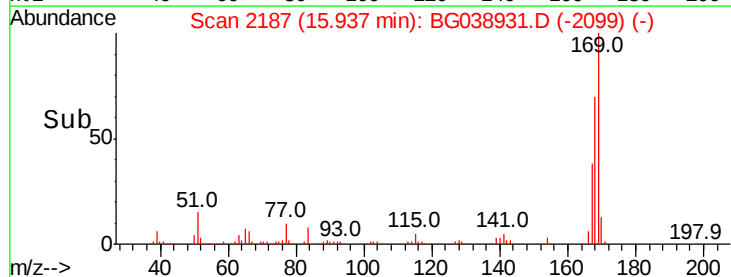
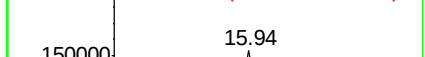
167 37.8 30.2 45.2

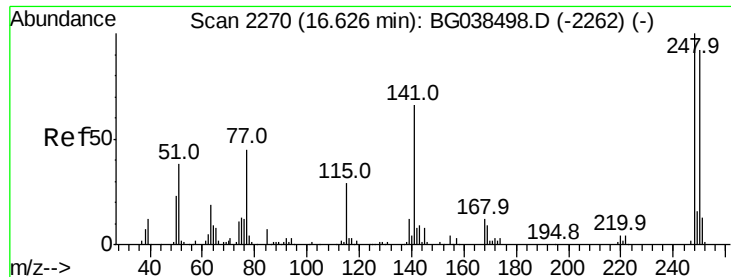


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG038498.D (-2147) (-)

Ion 167.00 (166.70 to 167.70): BG038498.D (-2147) (-)

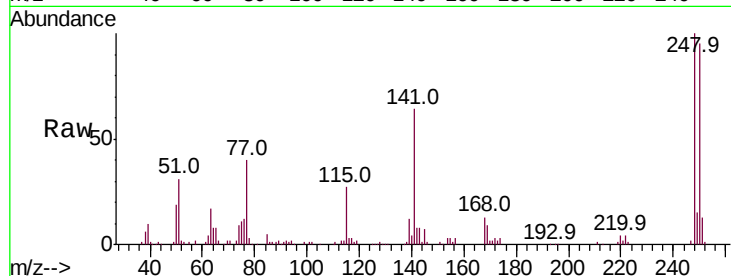




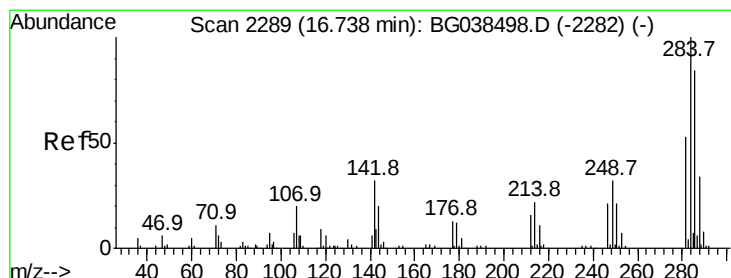
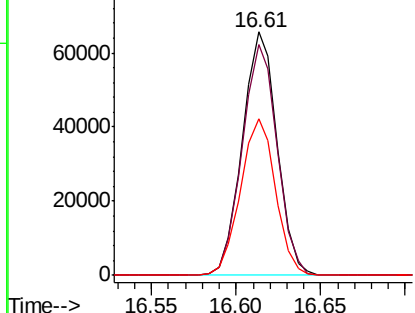
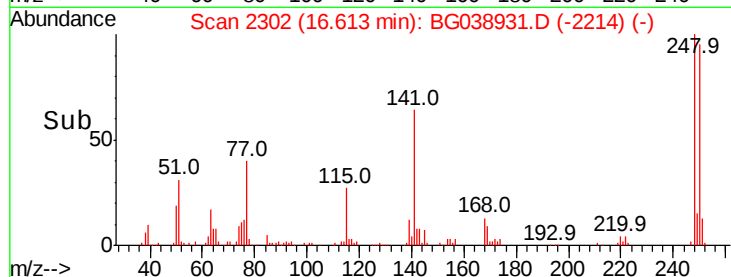
#67
 4-Bromophenyl-phenylether
 Concen: 42.200 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 93994
 Ion Ratio Lower Upper
 248 100
 250 94.7 73.4 110.2
 141 64.3 52.9 79.3

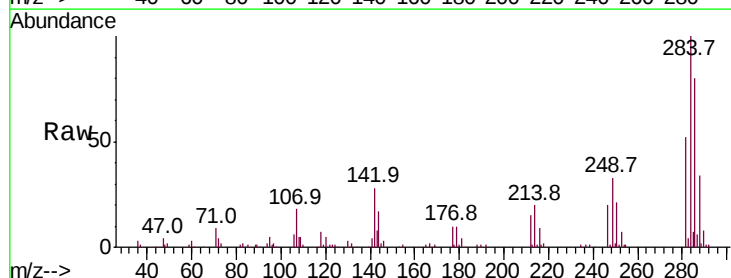


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

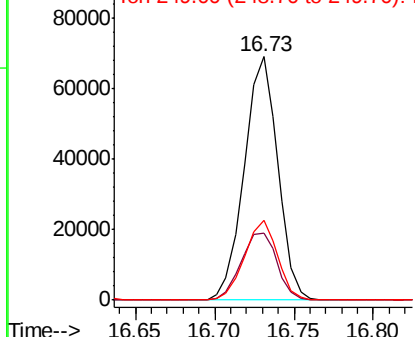
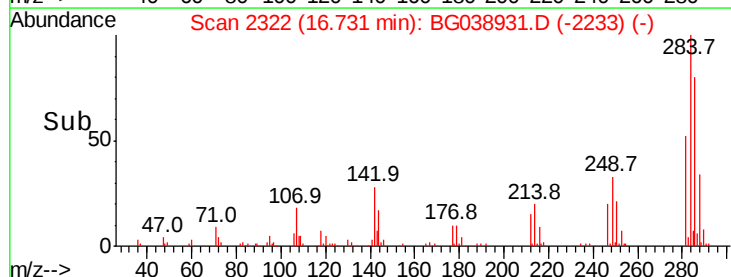


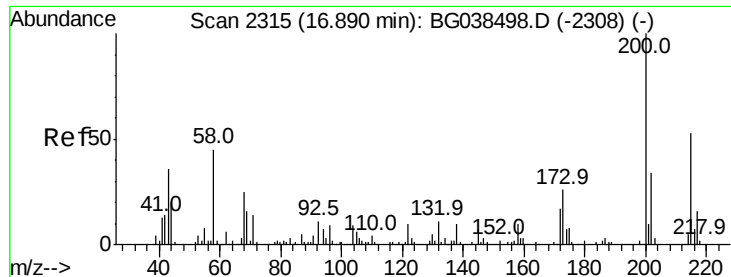
#68
 Hexachlorobenzene
 Concen: 43.814 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion:284 Resp: 101163
 Ion Ratio Lower Upper
 284 100
 142 27.6 25.8 38.6
 249 35.0 27.0 40.4



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





#69

Atrazine

Concen: 46.015 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

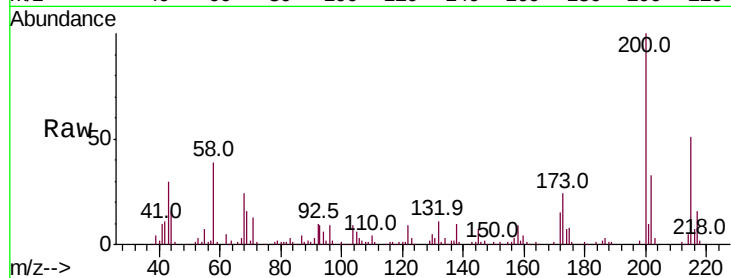
Tot Ion:200 Resp: 91509

Ion Ratio Lower Upper

200 100

173 23.6 5.9 45.9

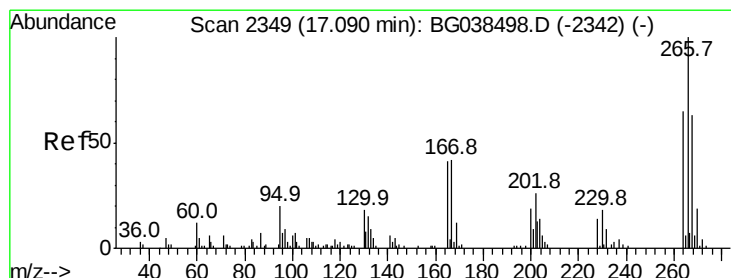
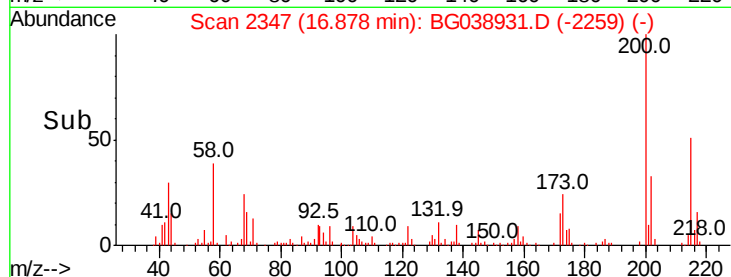
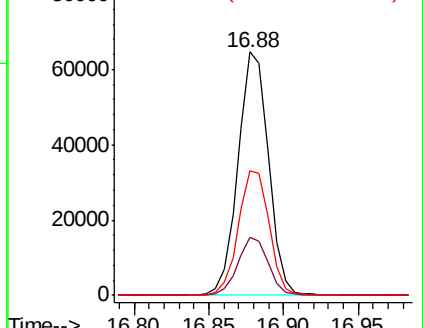
215 51.2 33.1 73.1



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: 73.896 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

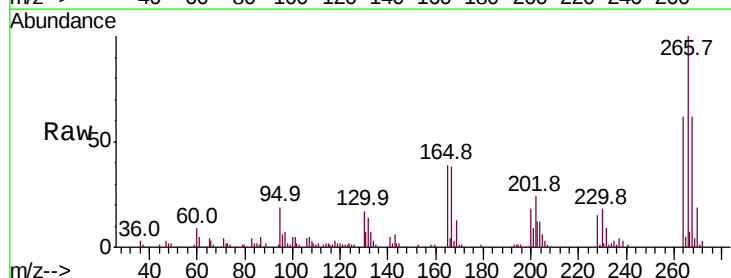
Tgt Ion:266 Resp: 100919

Ion Ratio Lower Upper

266 100

268 65.9 55.0 82.6

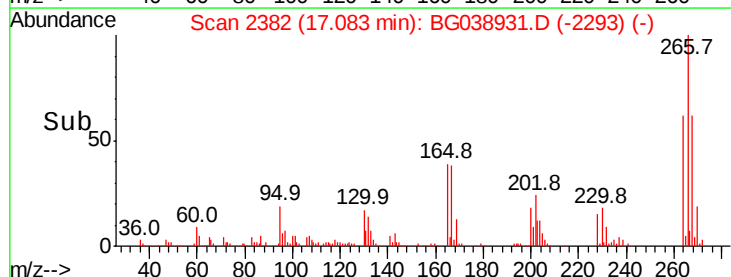
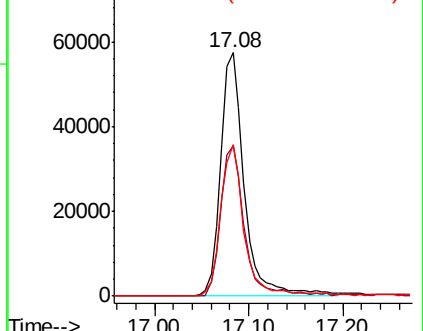
264 66.7 56.7 85.1

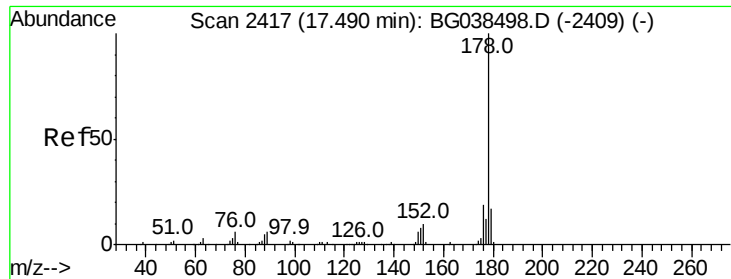


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

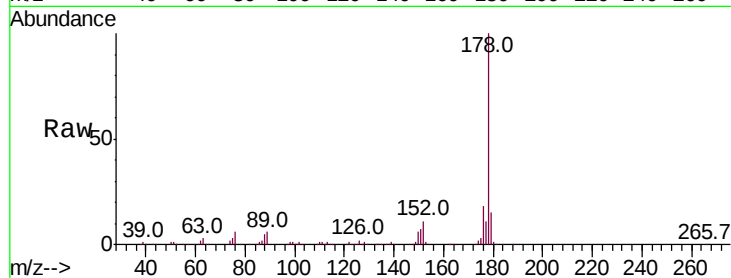




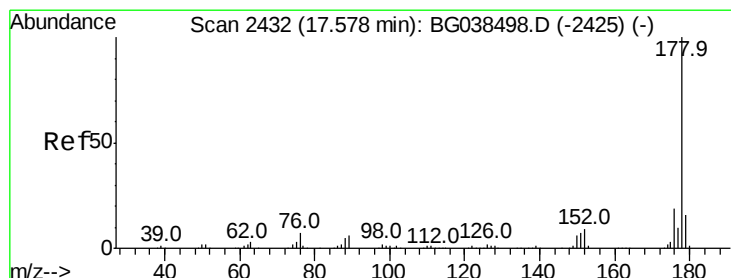
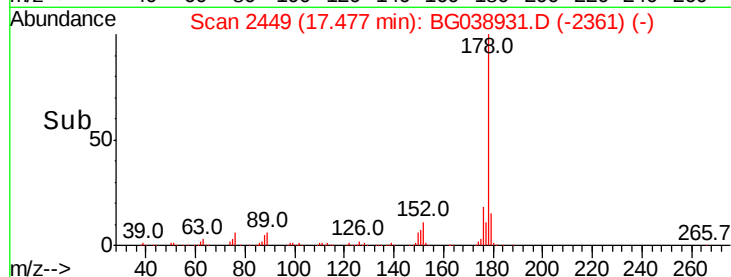
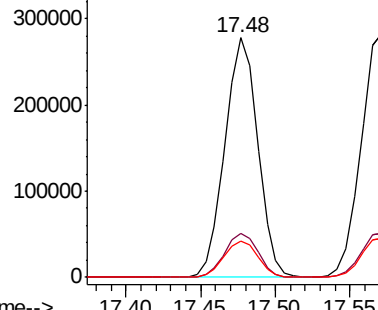
#71
Phenanthrene
Concen: 44.738 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 423112
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 15.2 13.2 19.8

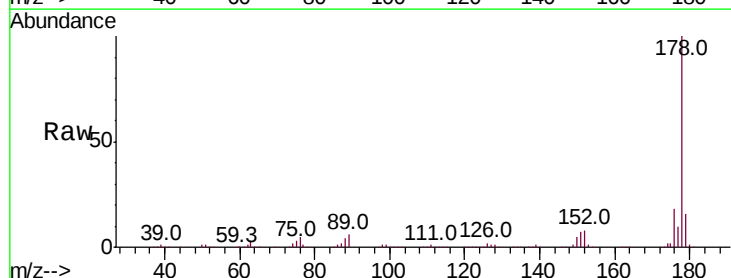


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

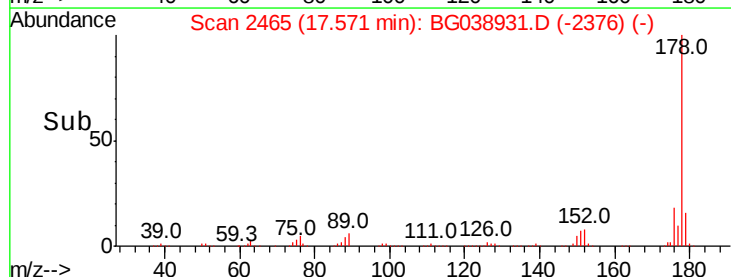
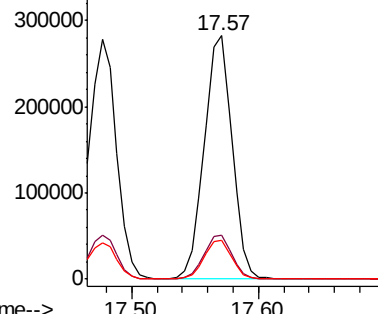


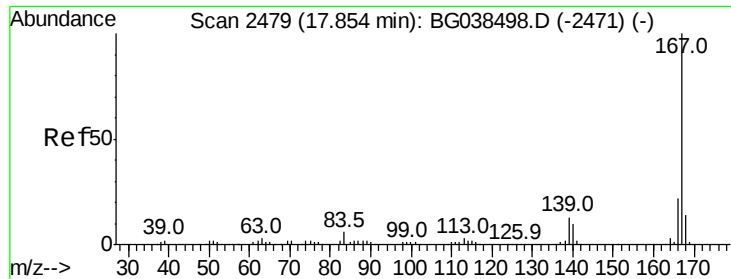
#72
Anthracene
Concen: 45.743 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:178 Resp: 427085
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 16.1 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

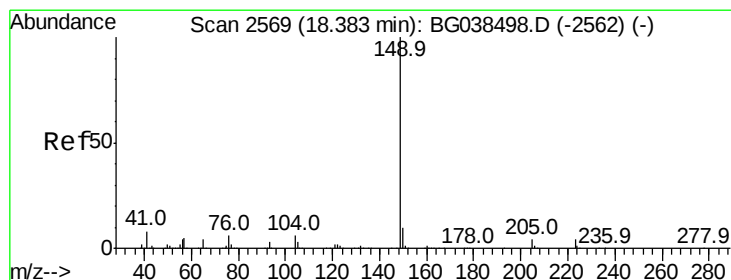
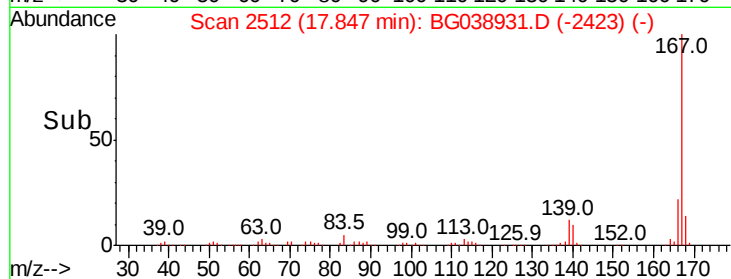
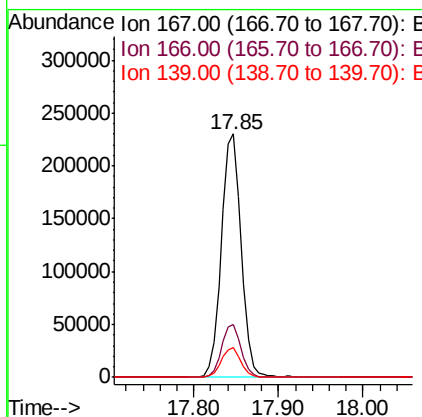
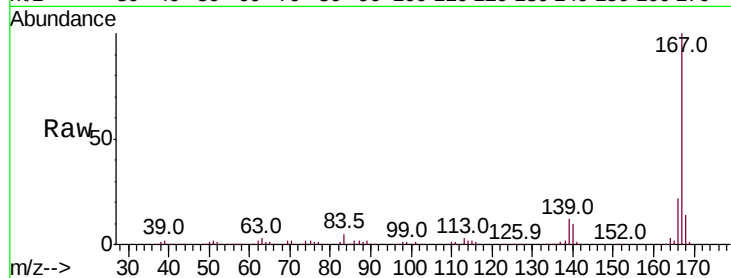




#73
 Carbazole
 Concen: 40.589 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

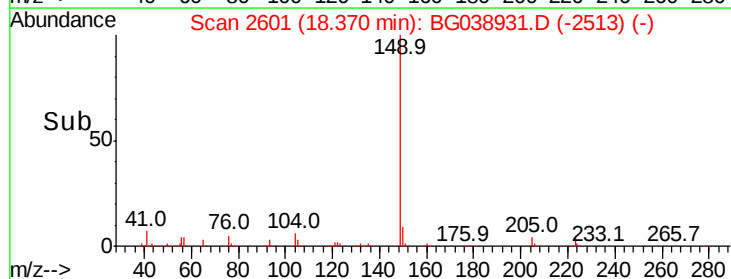
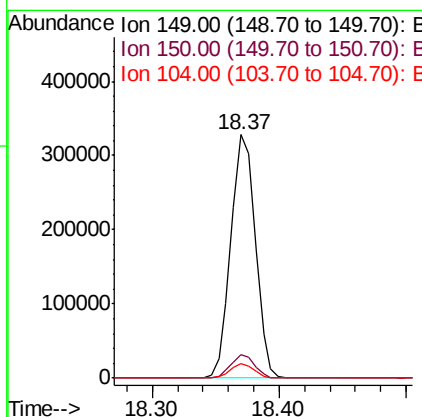
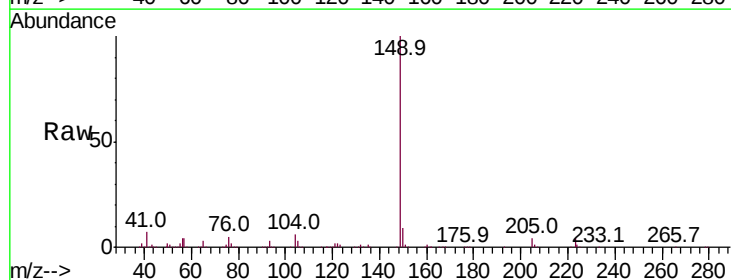
Instrument :
 BNA_G
 ClientSampleId :

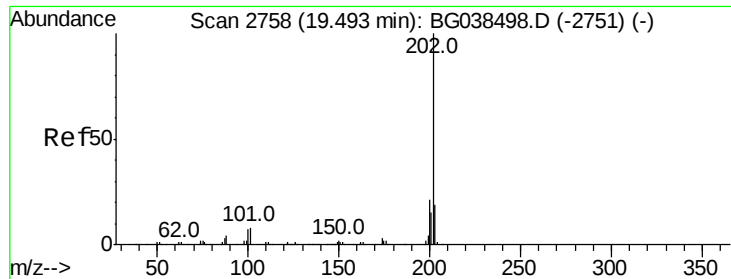
Tot Ion:167 Resp: 374783
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.9 26.9
 139 12.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.395 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion:149 Resp: 438583
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.8 5.0 7.4





#75

Fluoranthene

Concen: 44.601 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

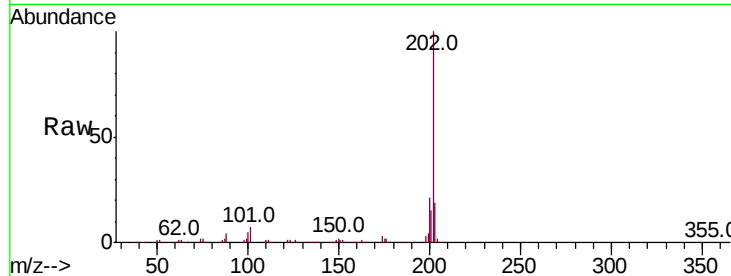
Tot Ion:202 Resp: 521897

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.1

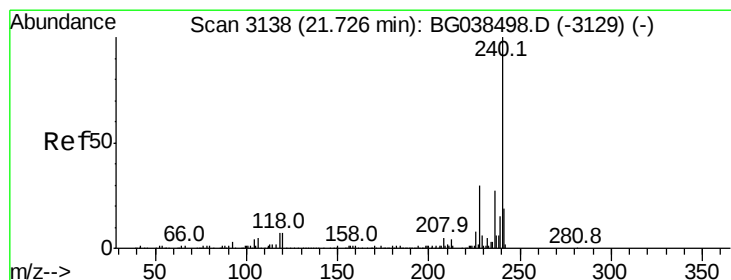
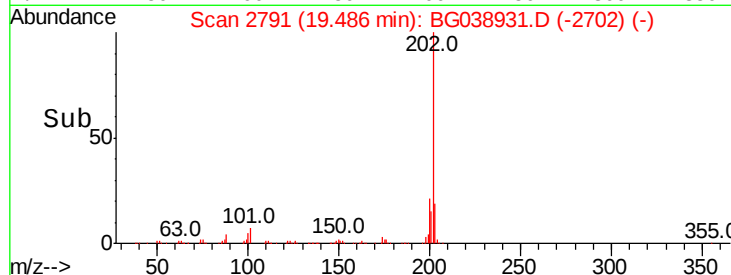
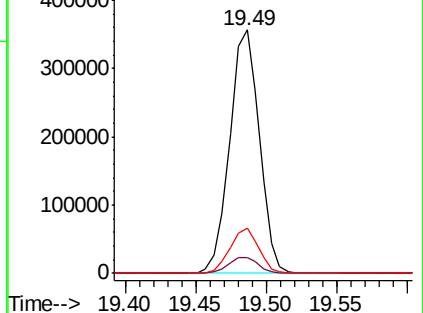
203 18.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

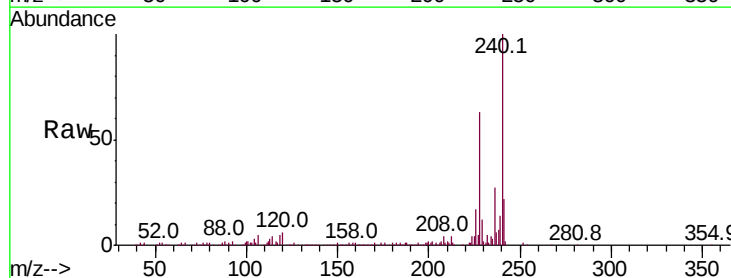
Tgt Ion:240 Resp: 183772

Ion Ratio Lower Upper

240 100

120 5.7 5.3 7.9

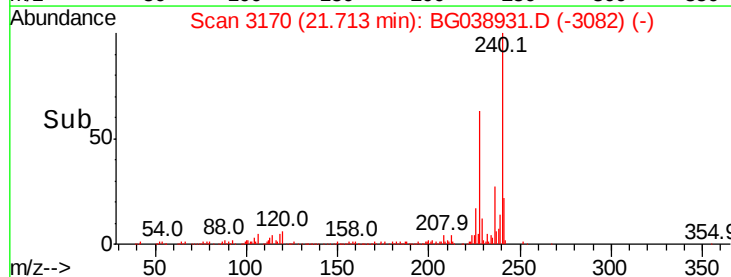
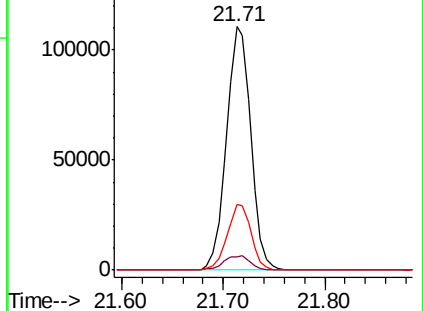
236 26.9 21.4 32.2

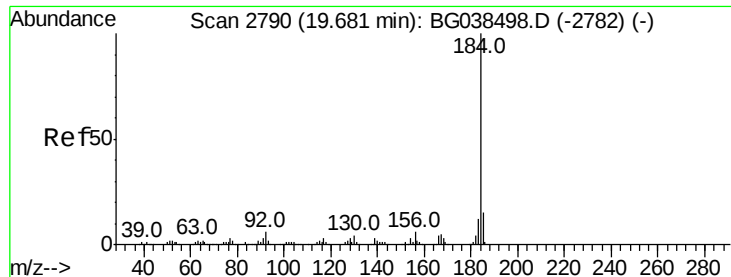


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.242 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

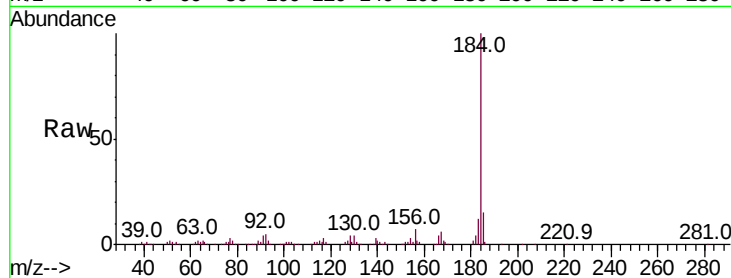
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 202405

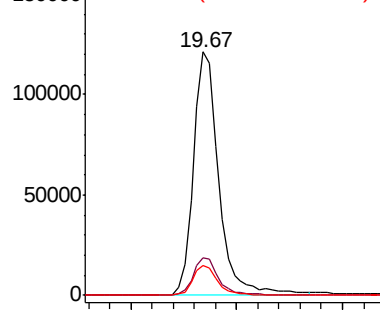
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	12.2	9.6	14.4



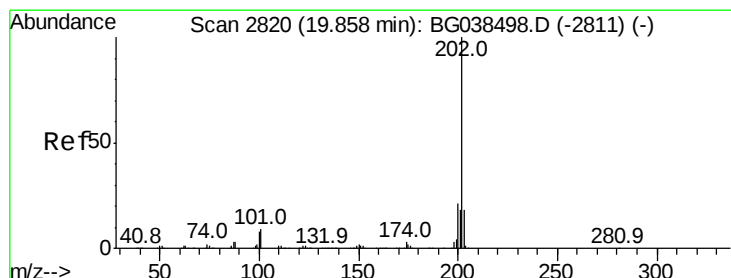
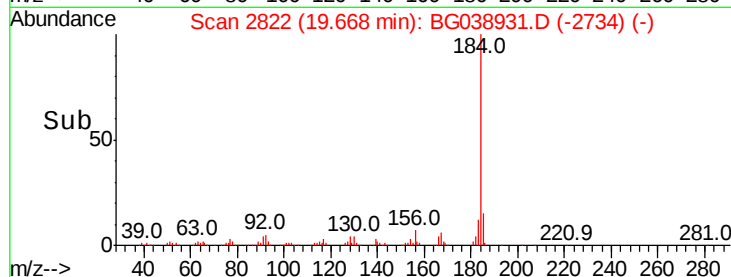
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 42.604 ng

RT: 19.85 min Scan# 2853

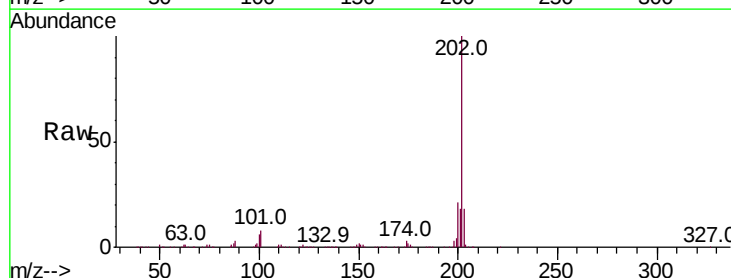
Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:202 Resp: 517233

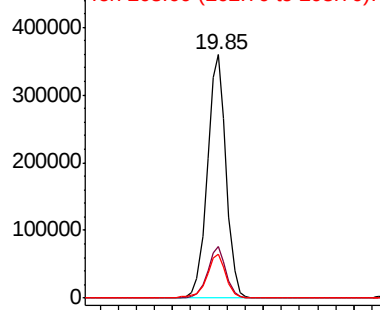
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.3	14.6	21.8



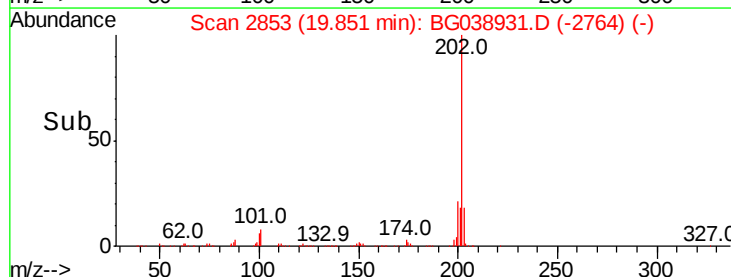
Abundance Ion 202.00 (201.70 to 202.70): E

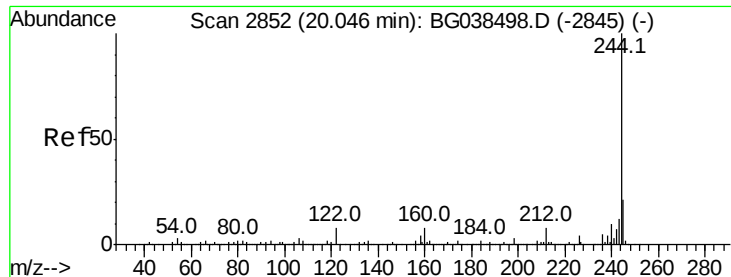
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 79.846 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

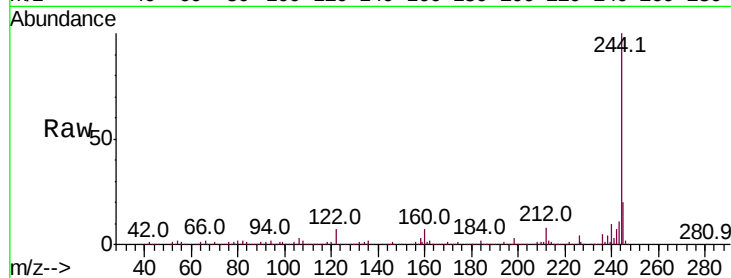
Tot Ion:244 Resp: 674228

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

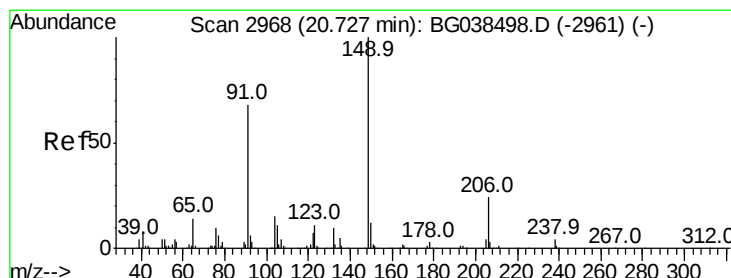
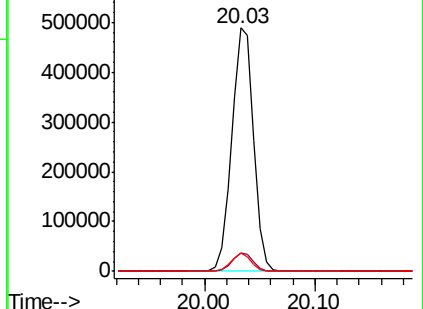
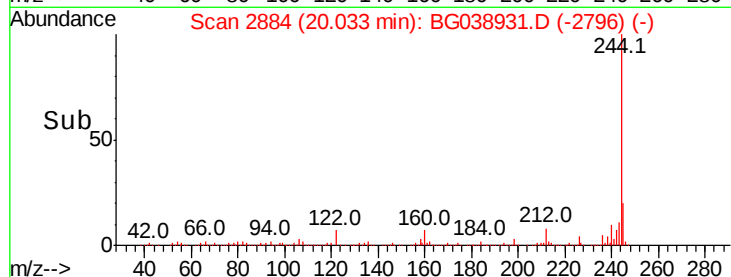
122 7.4 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.175 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

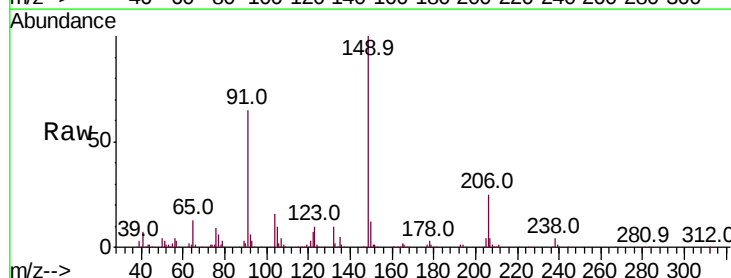
Tgt Ion:149 Resp: 195301

Ion Ratio Lower Upper

149 100

91 64.8 54.5 81.7

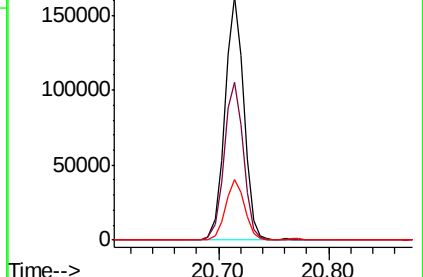
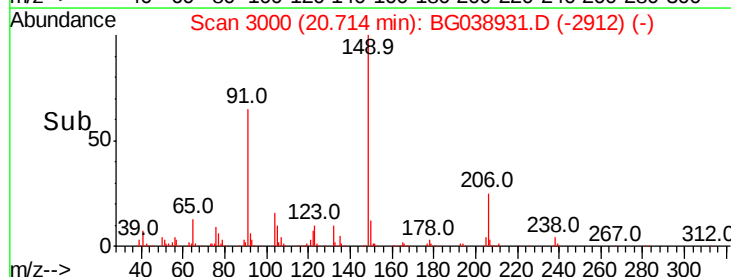
206 25.0 19.0 28.6

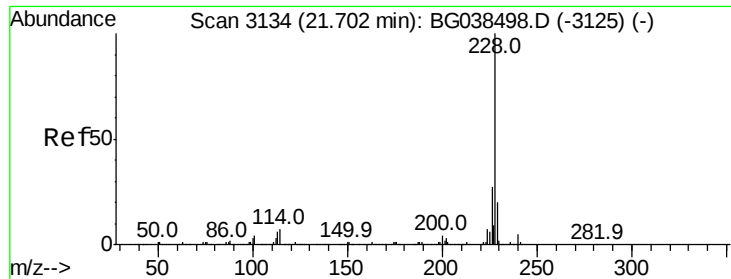


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

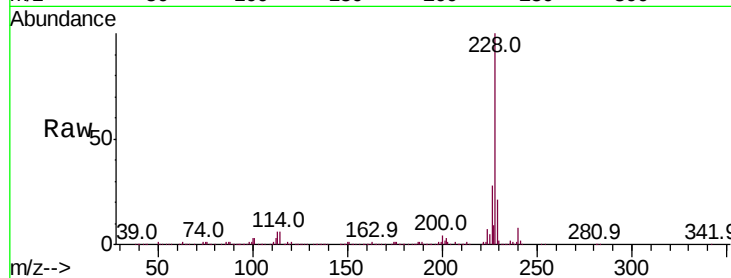




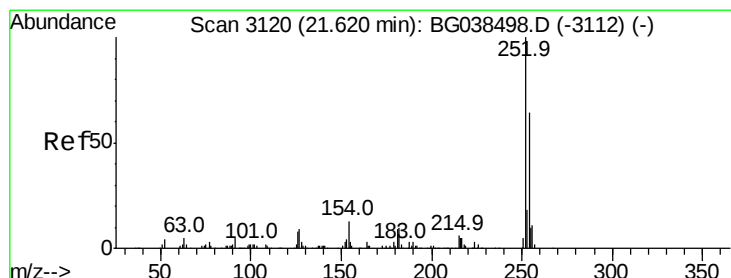
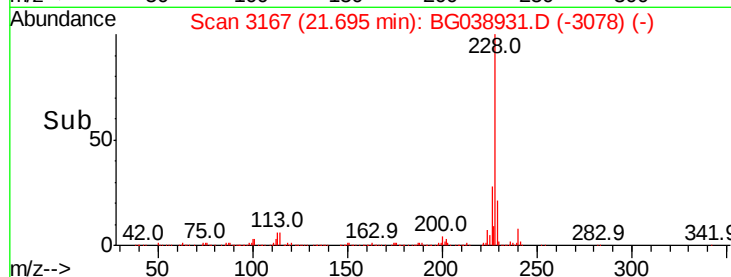
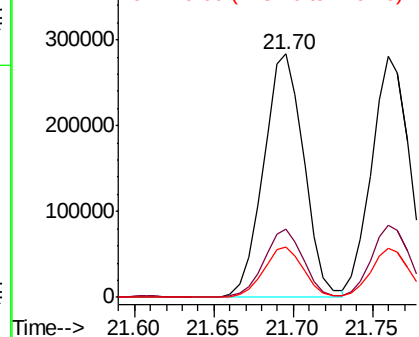
#81
Benzo(a)anthracene
Concen: 44.715 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.6	15.8	23.6

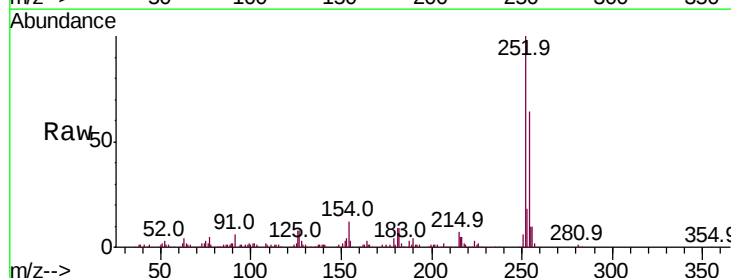


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

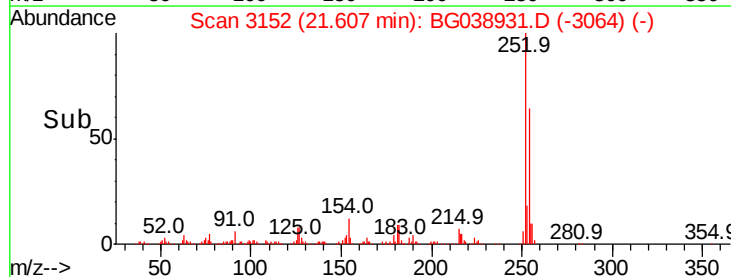
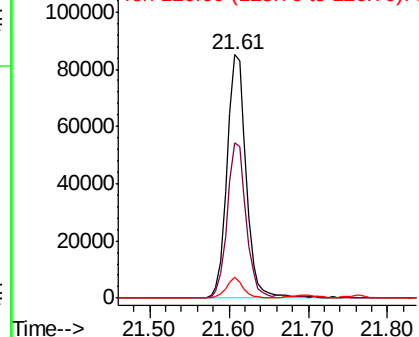


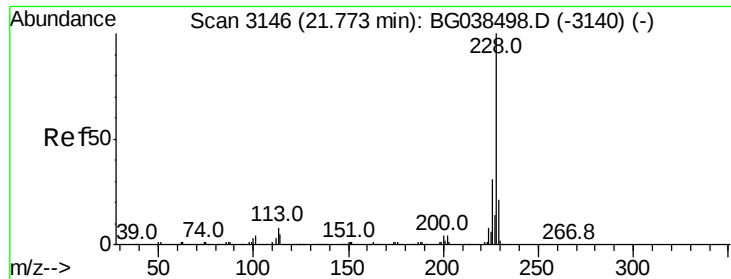
#82
3,3'-Dichlorobenzidine
Concen: 32.158 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.9	76.3
126	8.4	6.3	9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

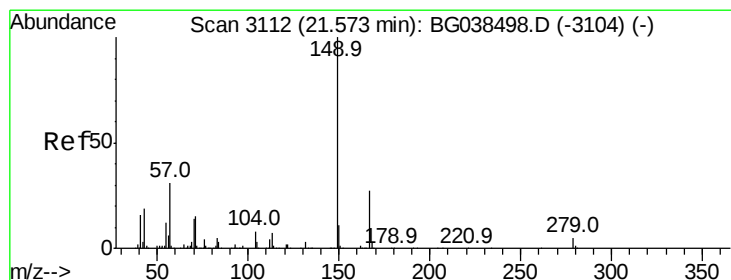
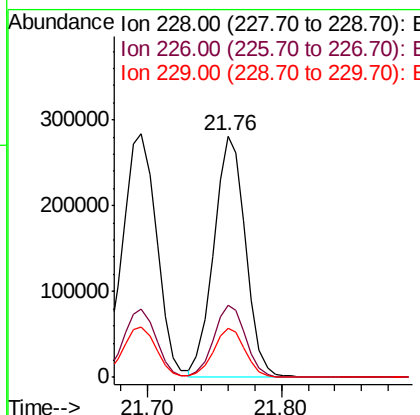
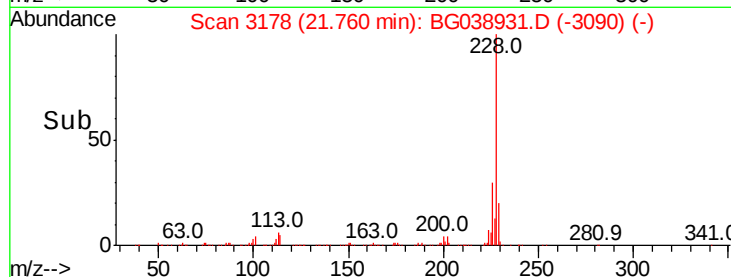
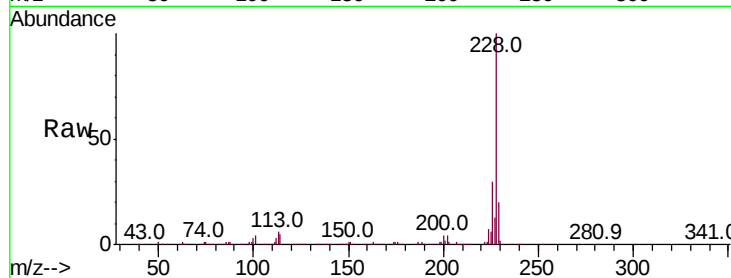




#83
 Chrysene
 Concen: 43.307 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

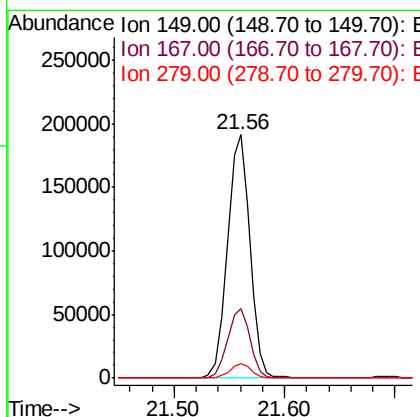
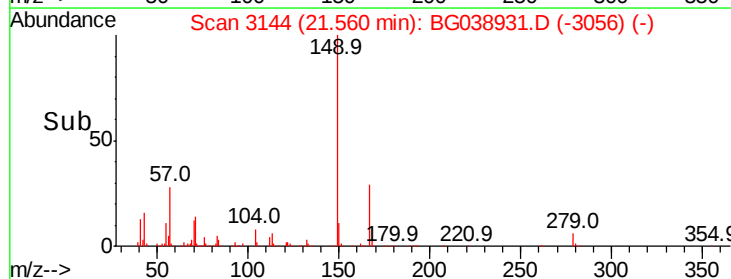
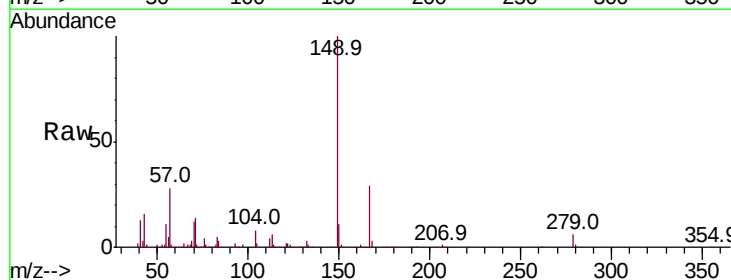
Instrument :
 BNA_G
 ClientSampleId :

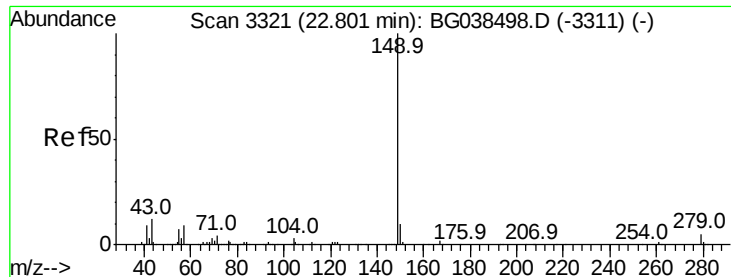
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	20.5	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.503 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	5.7	4.2	6.2

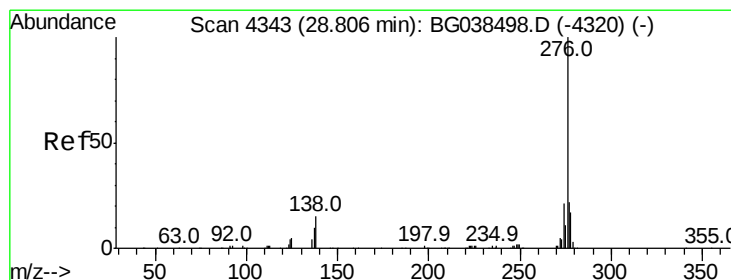
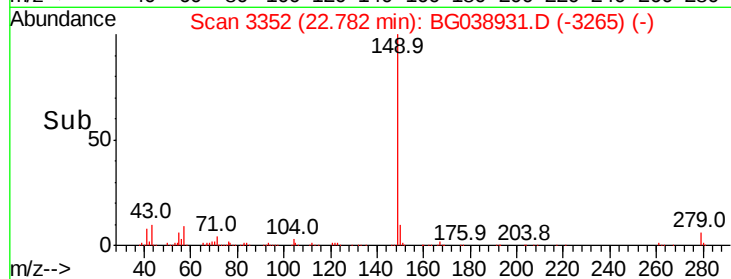
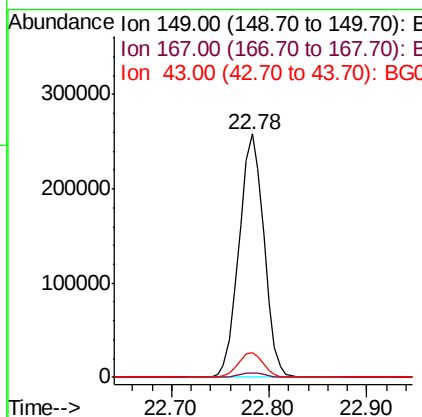
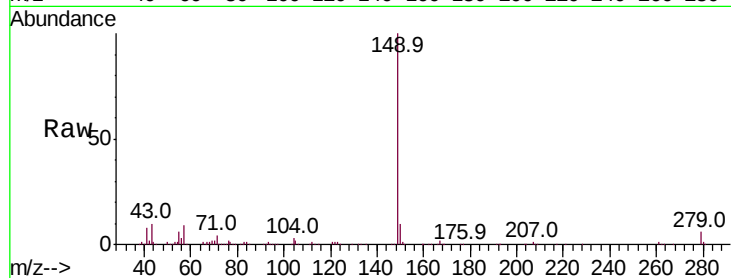




#85
Di-n-octyl phthalate
Concen: 40.814 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

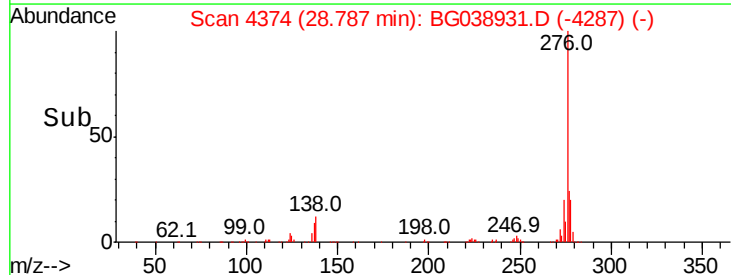
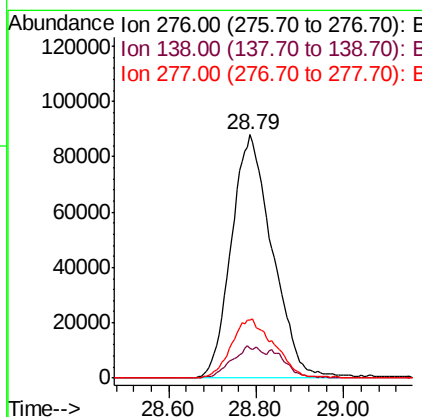
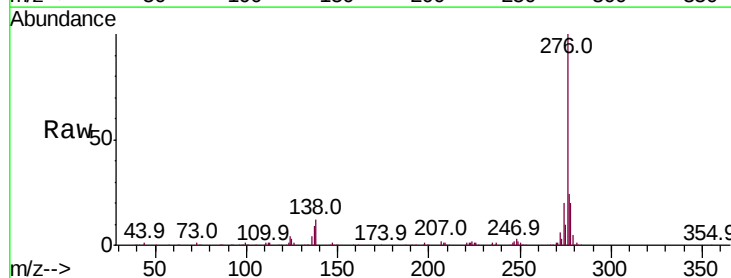
Instrument :
BNA_G
ClientSampleId :

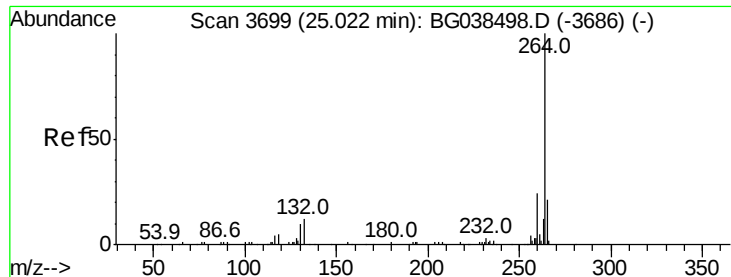
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	10.3	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.104 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	14.4	21.6#
277	25.3	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

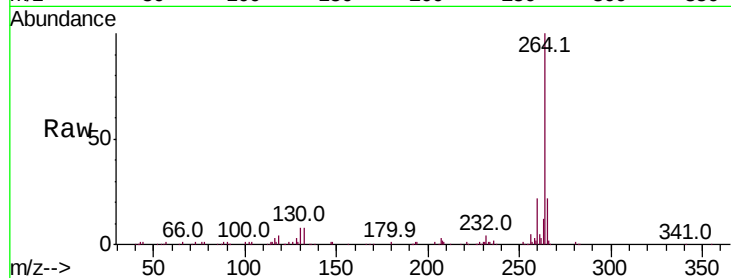
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 177980

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.9	28.3
265	22.1	17.0	25.4



Abundance

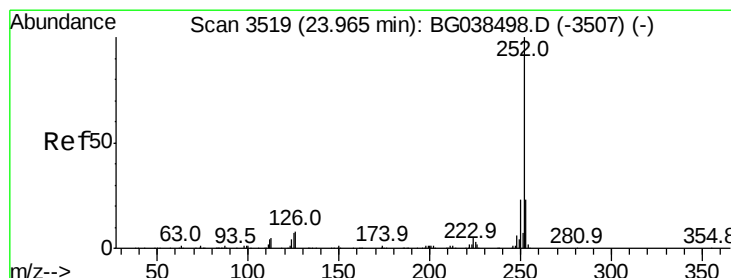
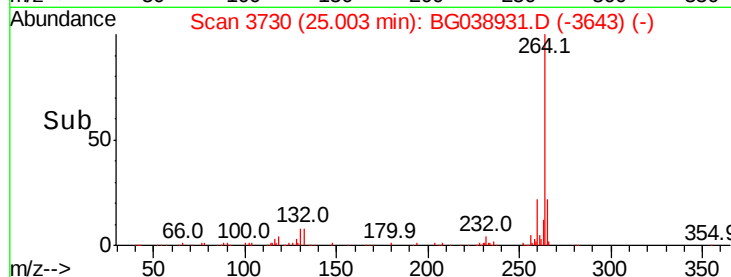
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.00

Time-->



#88

Benzo(b)fluoranthene

Concen: 50.664 ng

RT: 23.95 min Scan# 3551

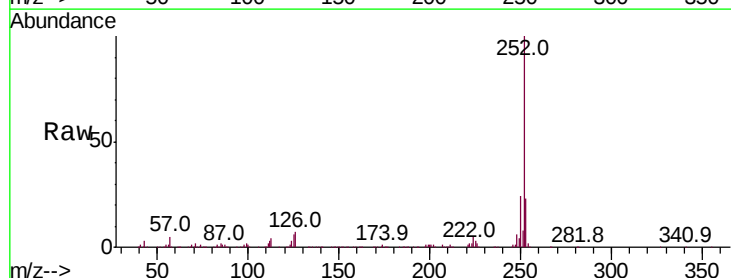
Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:252 Resp: 495084

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.0	5.5	8.3



Abundance

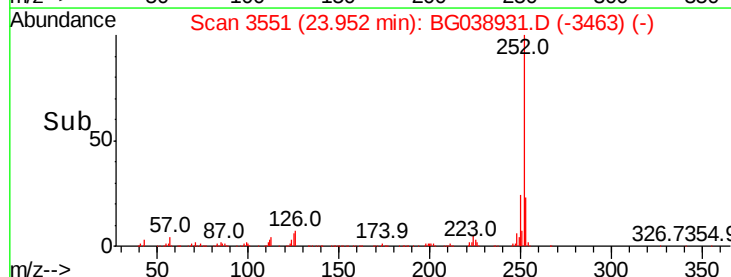
Ion 252.00 (251.70 to 252.70): E

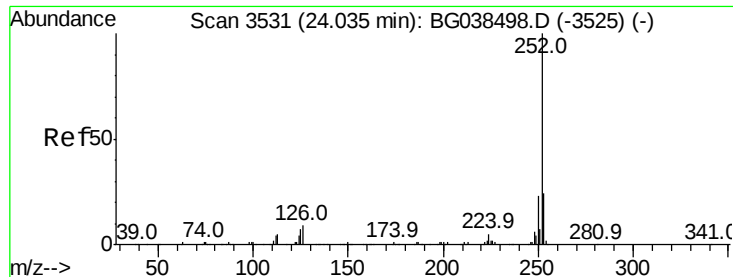
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.95

Time-->





#89

Benzo(k)fluoranthene

Concen: 49.152 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampled :

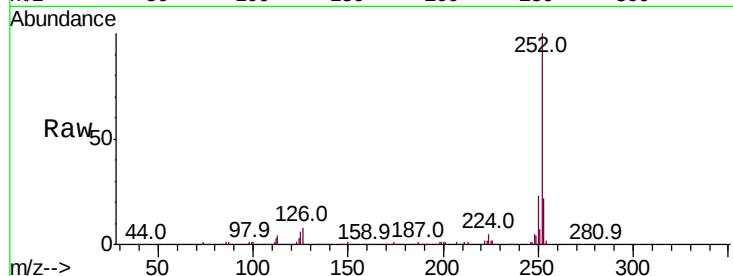
Tot Ion:252 Resp: 478280

Ion Ratio Lower Upper

252 100

253 22.1 18.9 28.3

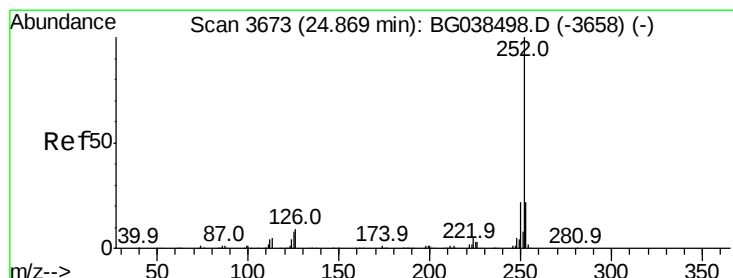
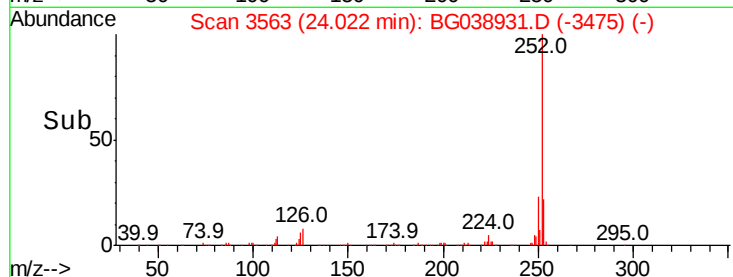
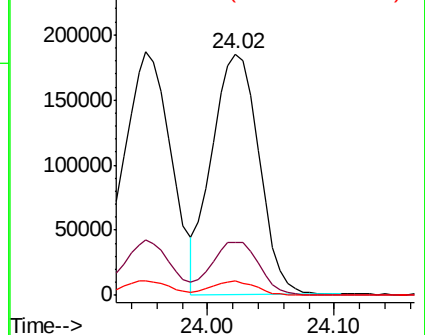
125 5.8 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.811 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

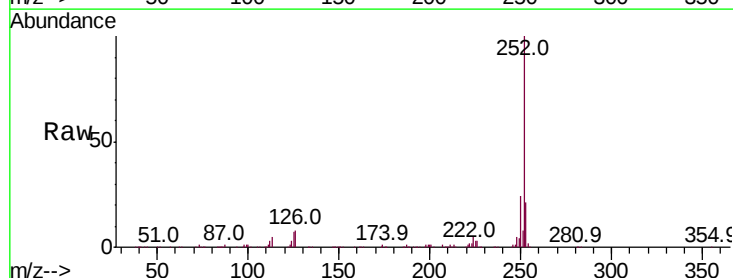
Tgt Ion:252 Resp: 479011

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

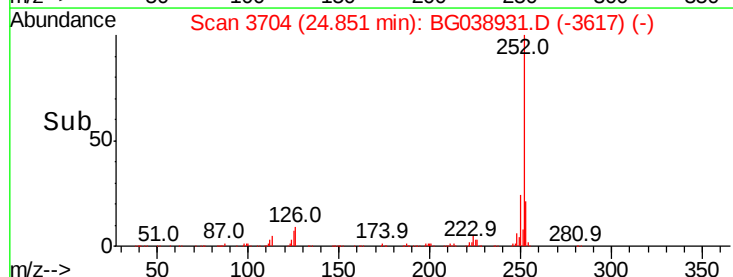
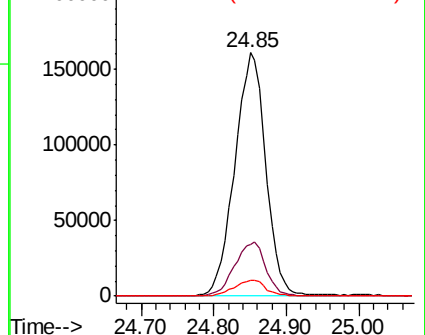
125 6.6 6.4 9.6

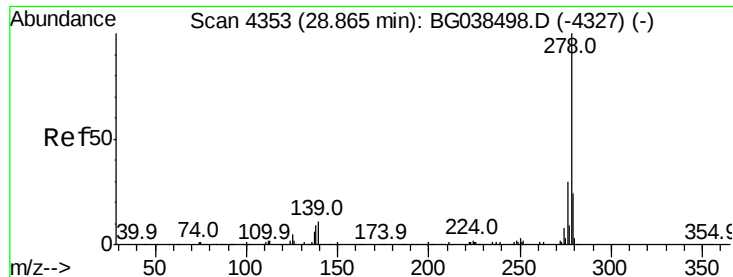


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.150 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.02 min

Lab File: BG038931.D

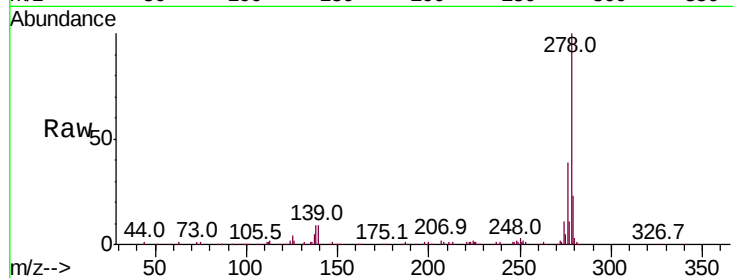
Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

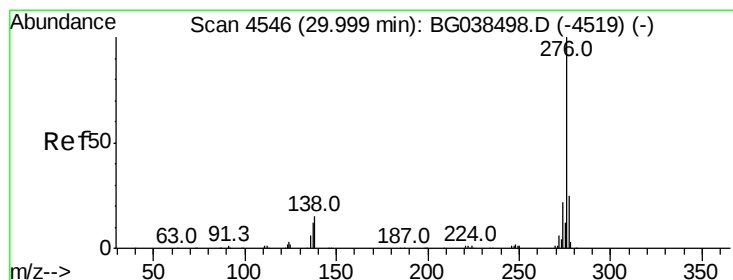
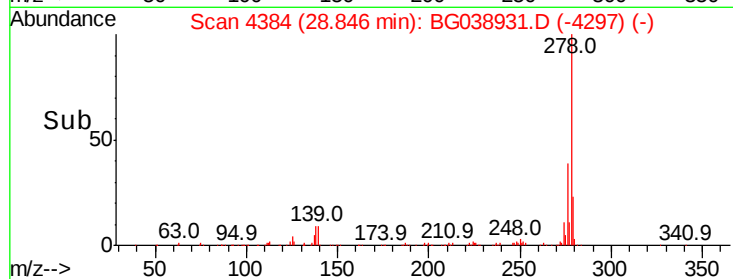
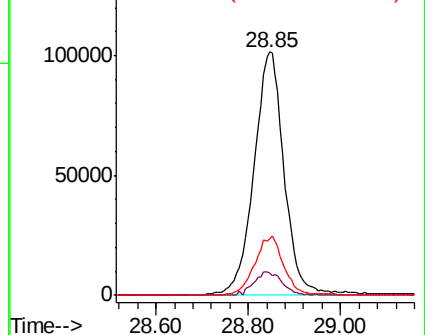
Tot Ion:	278	Resp:	461351
Ion	Ratio	Lower	Upper
278	100		
139	9.3	8.6	12.8
279	23.3	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.284 ng

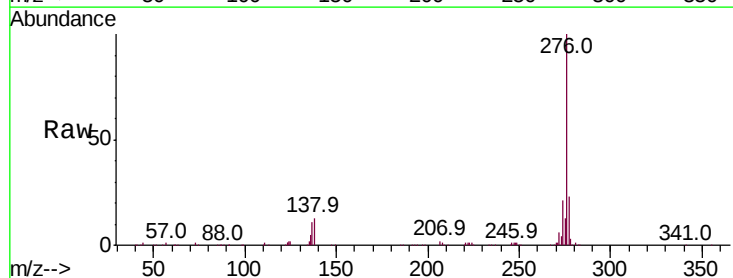
RT: 29.97 min Scan# 4575

Delta R.T. -0.03 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:	276	Resp:	465150
Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	12.6	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

