

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039024.D
 Acq On : 9 Jan 2019 17:12
 Operator : JU/SJ
 Sample : PB116258BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 04:19:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21862	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	95902	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	70231	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	186202	20.00	ng	0.00
76) Chrysene-d12	21.70	240	195334	20.00	ng	0.00
87) Perylene-d12	24.98	264	190921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	182143	158.05	ng	0.00
7) Phenol-d6	7.20	99	252055	151.97	ng	0.00
23) Nitrobenzene-d5	9.21	82	122757	70.04	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	158276	134.44	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	356356	69.44	ng	0.00
79) Terphenyl-d14	20.03	244	751920	71.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	14887	32.986	ng	# 83
3) Pyridine	3.86	79	40676	33.170	ng	99
4) n-Nitrosodimethylamine	3.78	42	26019	47.151	ng	100
6) Aniline	7.36	93	75142	37.725	ng	99
8) 2-Chlorophenol	7.59	128	66666	49.073	ng	98
9) Benzaldehyde	7.17	77	13299	13.904	ng	93
10) Phenol	7.22	94	85224	51.253	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	53672	42.232	ng	100
12) 1,3-Dichlorobenzene	7.91	146	64706	39.754	ng	97
13) 1,4-Dichlorobenzene	8.06	146	67216	40.775	ng	98
14) 1,2-Dichlorobenzene	8.38	146	64496	41.035	ng	99
15) Benzyl Alcohol	8.27	79	60915	48.771	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	104391	42.837	ng	99
17) 2-Methylphenol	8.48	107	58398	50.578	ng	99
18) Hexachloroethane	9.10	117	23637	42.206	ng	86
19) n-Nitroso-di-n-propylamine	8.83	70	46379	42.584	ng	96
20) 3+4-Methylphenols	8.81	107	81024	49.219	ng	98
22) Acetophenone	8.86	105	96447	38.510	ng	97
24) Nitrobenzene	9.25	77	71730	40.491	ng	99
25) Isophorone	9.76	82	140090	46.403	ng	97
26) 2-Nitrophenol	9.96	139	39314	41.030	ng	96
27) 2,4-Dimethylphenol	10.01	122	70151	52.039	ng	91
28) bis(2-Chloroethoxy)methane	10.24	93	79790	43.976	ng	98
29) 2,4-Dichlorophenol	10.50	162	81267	48.526	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	79452	39.485	ng	99
31) Naphthalene	10.90	128	208018	43.248	ng	98
32) Benzoic acid	10.17	122	34013	42.397	ng	96
33) 4-Chloroaniline	11.02	127	62798	29.178	ng	99
34) Hexachlorobutadiene	11.16	225	52577	37.973	ng	96
35) Caprolactam	11.80	113	13504	20.108	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	80810	45.115	ng	97
37) 2-Methylnaphthalene	12.50	142	164162	45.522	ng	99
38) 1-Methylnaphthalene	12.50	142	164162	47.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	105383	39.954	ng	99

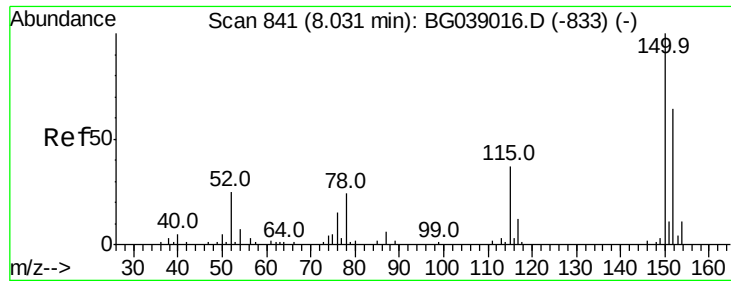
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039024.D
 Acq On : 9 Jan 2019 17:12
 Operator : JU/SJ
 Sample : PB116258BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	122868	82.517	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	74747	45.027	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	79996	45.595	ng	98
46) 1,1'-Biphenyl	13.51	154	222525	39.987	ng	99
47) 2-Chloronaphthalene	13.55	162	181273	40.253	ng	99
48) 2-Nitroaniline	13.77	65	56016	44.400	ng	94
49) Acenaphthylene	14.40	152	303153	44.787	ng	98
50) Dimethylphthalate	14.12	163	251520	42.380	ng	100
51) 2,6-Dinitrotoluene	14.26	165	56714	42.743	ng	97
52) Acenaphthene	14.74	154	172761	42.481	ng	97
53) 3-Nitroaniline	14.59	138	41274	30.663	ng	97
54) 2,4-Dinitrophenol	14.80	184	78990	98.254	ng	95
55) Dibenzofuran	15.07	168	296434	41.272	ng	98
56) 4-Nitrophenol	14.90	139	89067	91.963	ng	97
57) 2,4-Dinitrotoluene	15.05	165	82115	43.136	ng	98
58) Fluorene	15.72	166	240957	44.569	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	78474	47.382	ng	97
60) Diethylphthalate	15.48	149	259446	42.430	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	137858	40.474	ng	96
62) 4-Nitroaniline	15.76	138	60351	43.040	ng	96
63) Azobenzene	16.00	77	198509	41.513	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	56054	40.634	ng	95
66) n-Nitrosodiphenylamine	15.93	169	222245	40.262	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	94581	39.515	ng	100
68) Hexachlorobenzene	16.72	284	102860	39.383	ng	97
69) Atrazine	16.87	200	94677	40.375	ng	97
70) Pentachlorophenol	17.07	266	113600	71.093	ng	96
71) Phenanthrene	17.47	178	427661	43.452	ng	99
72) Anthracene	17.55	178	434472	44.647	ng	99
73) Carbazole	17.83	167	388936	40.487	ng	99
74) Di-n-butylphthalate	18.36	149	457331	42.794	ng	99
75) Fluoranthene	19.48	202	547321	44.859	ng	99
77) Benzidine	19.66	184	197209	33.008	ng	99
78) Pyrene	19.84	202	542740	43.599	ng	99
80) Butylbenzylphthalate	20.70	149	206378	43.589	ng	99
81) Benzo(a)anthracene	21.68	228	530836	44.642	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	162461	33.532	ng	100
83) Chrysene	21.75	228	494075	43.687	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	285155	43.376	ng	97
85) Di-n-octyl phthalate	22.77	149	487862	43.888	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	615311	45.533	ng	99
88) Benzo(b)fluoranthene	23.93	252	543232	51.602	ng	99
89) Benzo(k)fluoranthene	24.01	252	507470	48.755	ng	98
90) Benzo(a)pyrene	24.83	252	521189	51.220	ng	97
91) Dibenzo(a,h)anthracene	28.81	278	517722	51.152	ng	98
92) Benzo(g,h,i)perylene	29.95	276	513168	51.215	ng	96

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

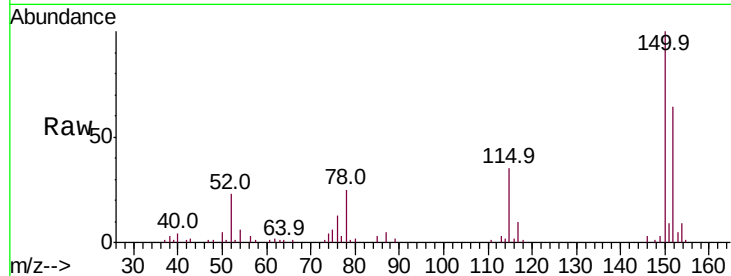


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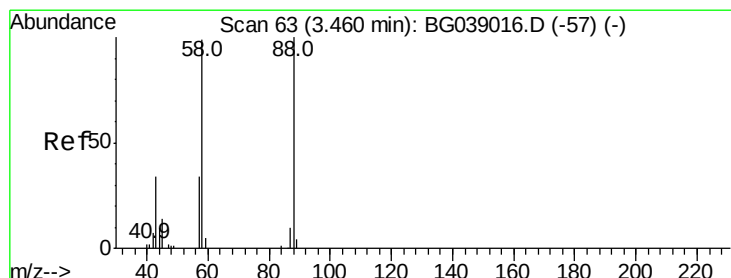
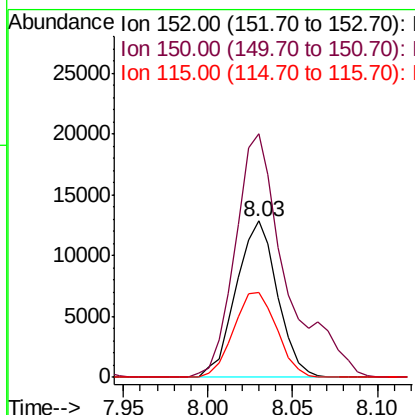
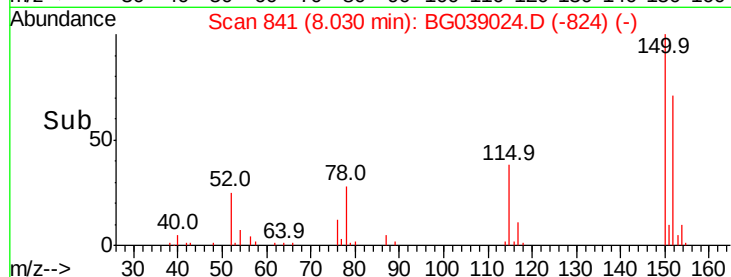
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21862
Ion Ratio Lower Upper
152 100
150 155.6 124.7 187.1
115 54.1 46.5 69.7



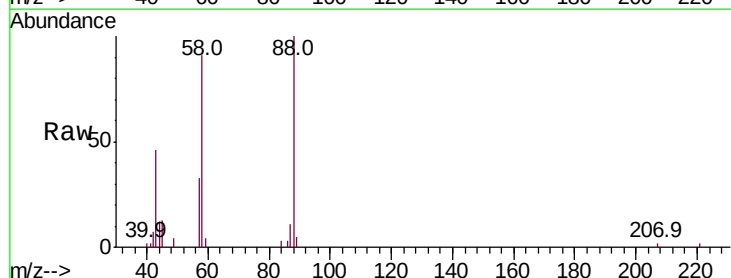
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



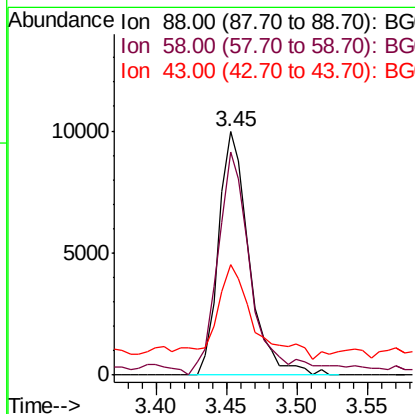
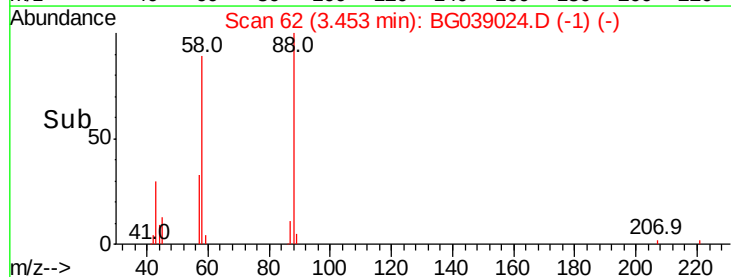
#2

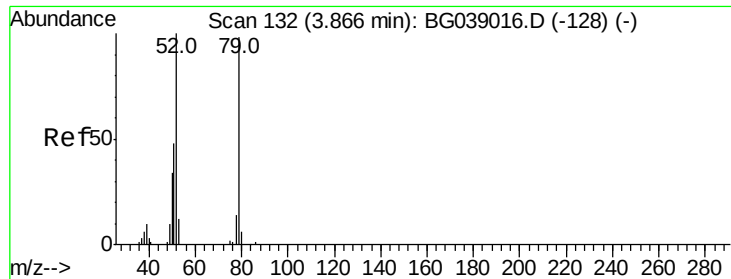
1,4-Dioxane
Concen: 32.986 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion: 88 Resp: 14887
Ion Ratio Lower Upper
88 100
58 106.3 72.4 108.6
43 44.4 27.6 41.4#



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

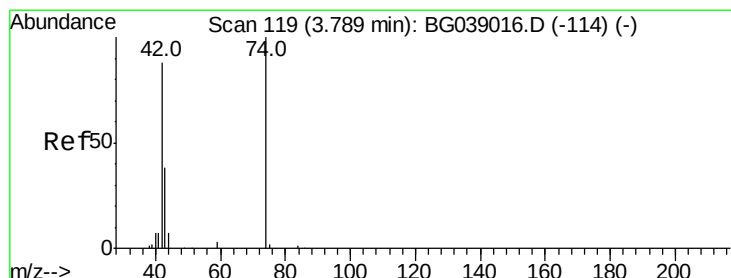
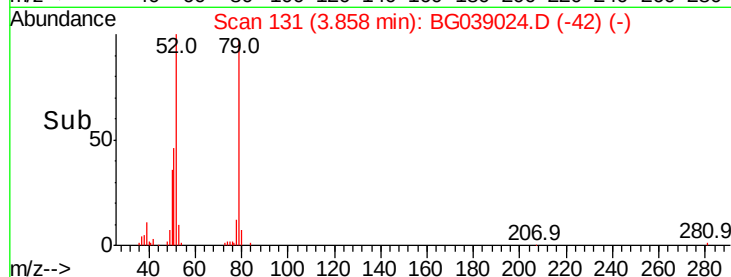
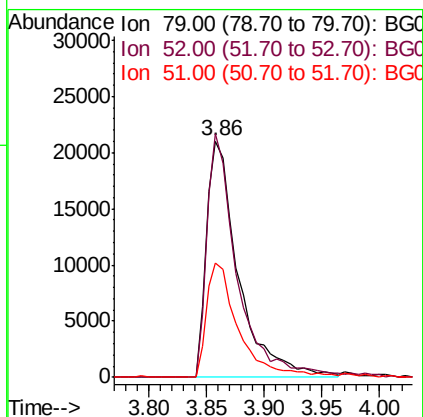
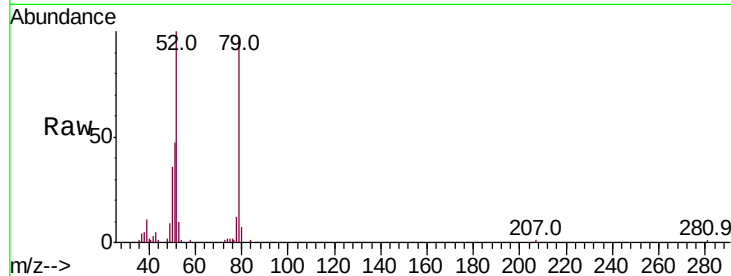




#3
 Pvridine
 Concen: 33.170 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

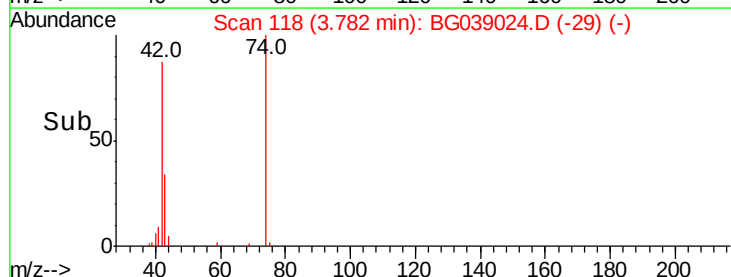
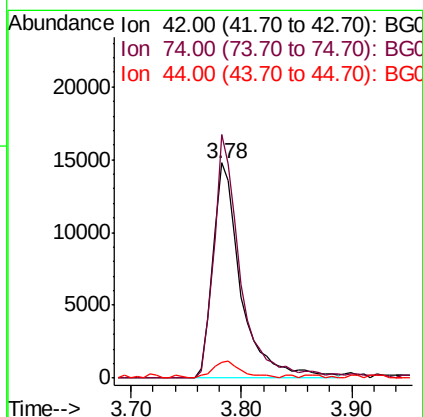
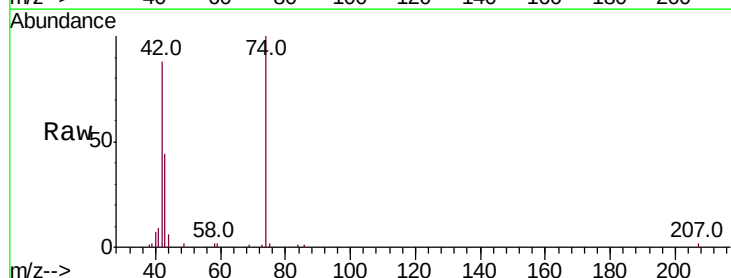
Instrument :
 BNA_G
 ClientSampled :

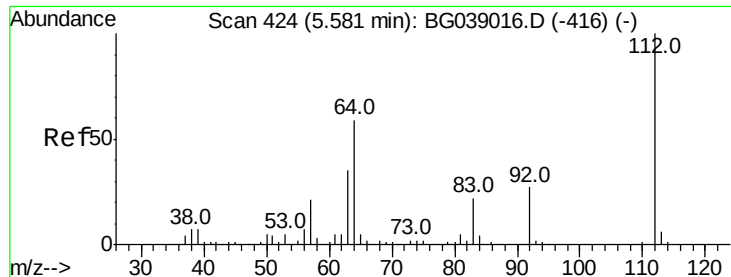
Tot Ion: 79 Resp: 40676
 Ion Ratio Lower Upper
 79 100
 52 103.1 81.5 122.3
 51 48.3 39.8 59.6



#4
 n-Nitrosodimethylamine
 Concen: 47.151 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion: 42 Resp: 26019
 Ion Ratio Lower Upper
 42 100
 74 113.3 90.7 136.1
 44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 158.047 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

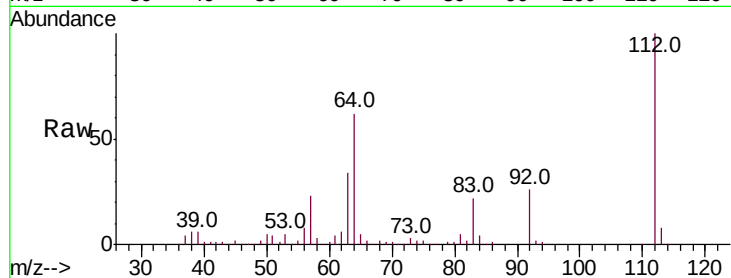
Tot Ion:112 Resp: 182143

Ion Ratio Lower Upper

112 100

64 61.5 47.0 70.6

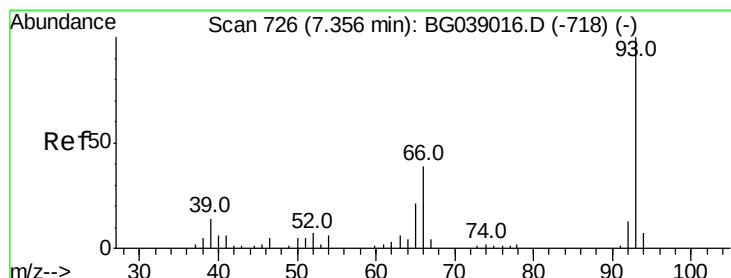
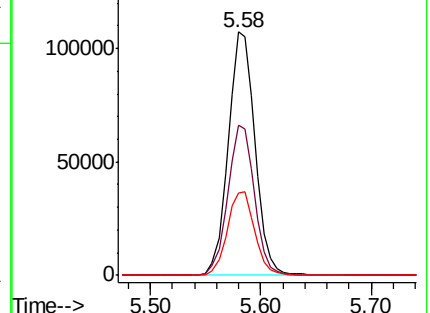
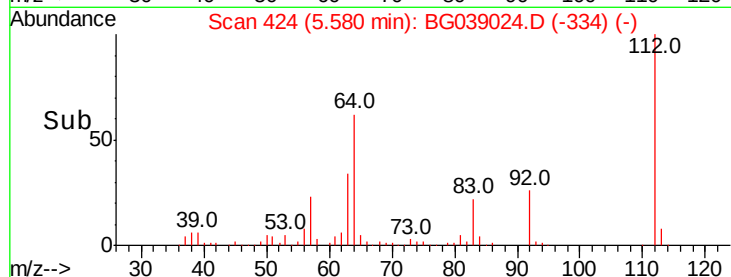
63 34.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.725 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

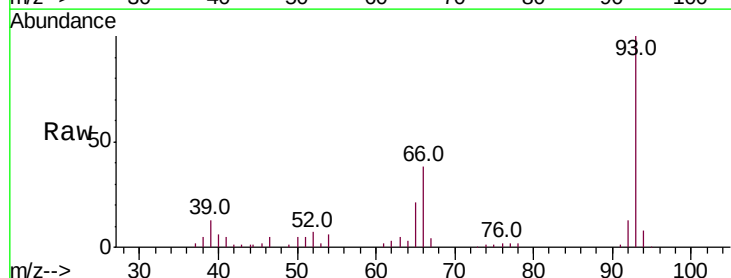
Tgt Ion: 93 Resp: 75142

Ion Ratio Lower Upper

93 100

66 38.0 30.9 46.3

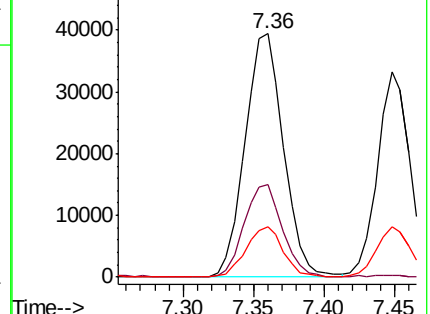
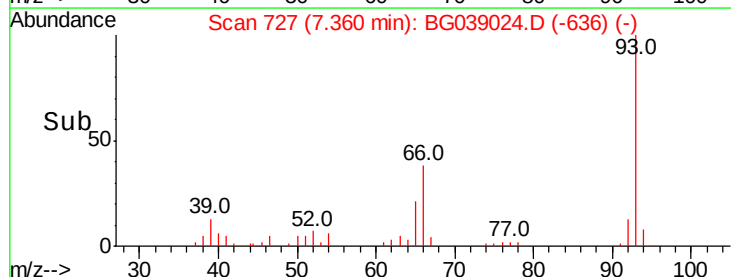
65 20.7 17.0 25.4

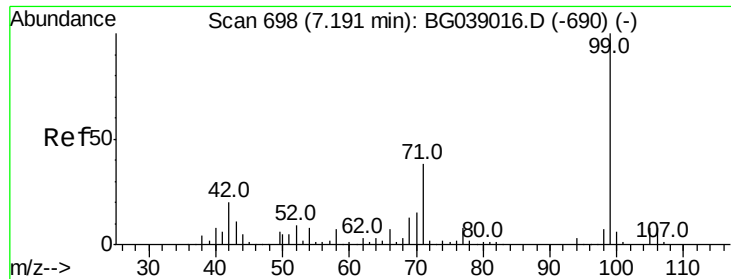


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.974 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

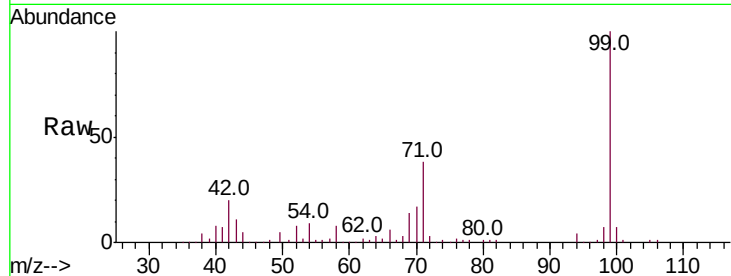
Tot Ion: 99 Resp: 252055

Ion Ratio Lower Upper

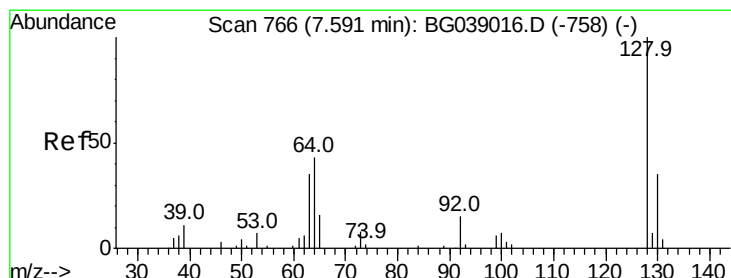
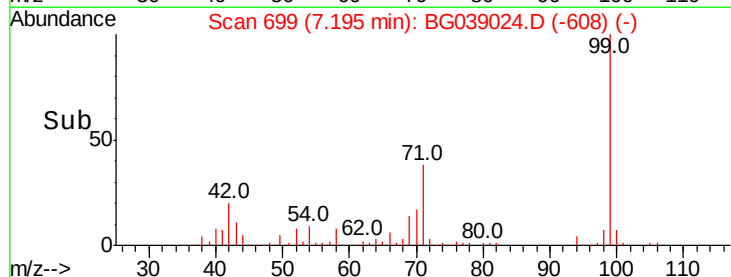
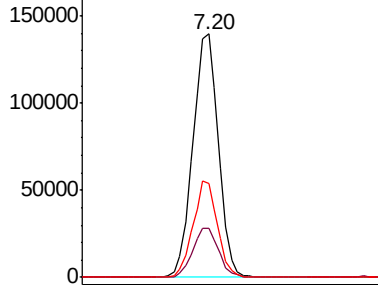
99 100

42 20.3 15.8 23.6

71 38.4 30.2 45.4



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: 49.073 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

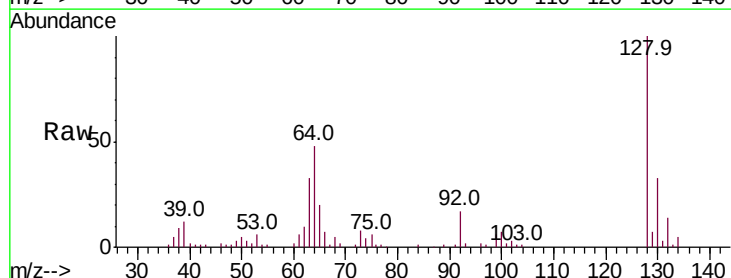
Tgt Ion:128 Resp: 66666

Ion Ratio Lower Upper

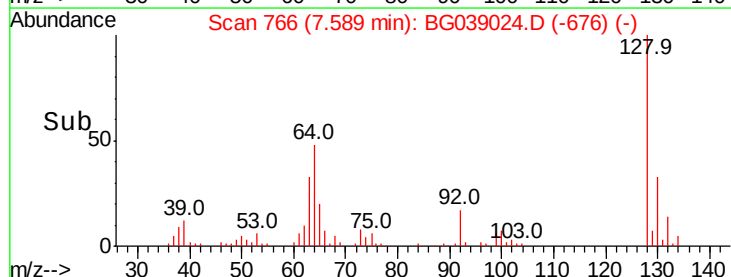
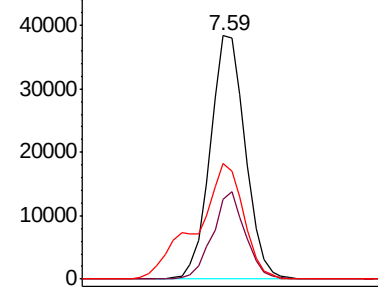
128 100

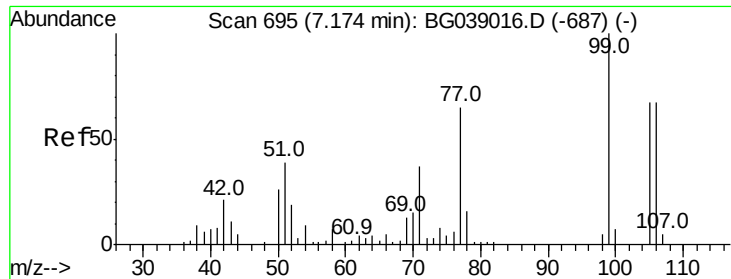
130 32.9 14.5 54.5

64 47.6 27.3 67.3



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: 13.904 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

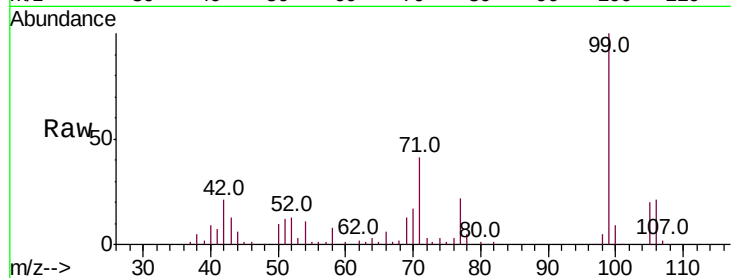
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 13299

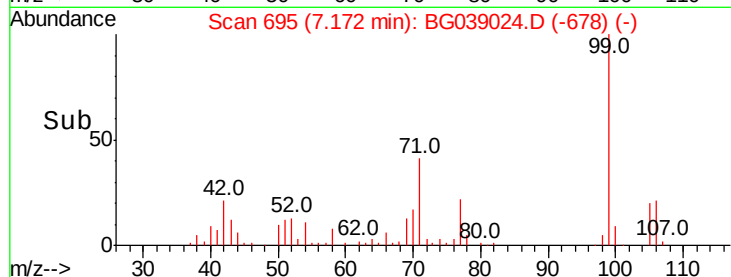
Ion	Ratio	Lower	Upper
77	100		
105	92.9	82.4	122.4
106	97.1	82.8	122.8



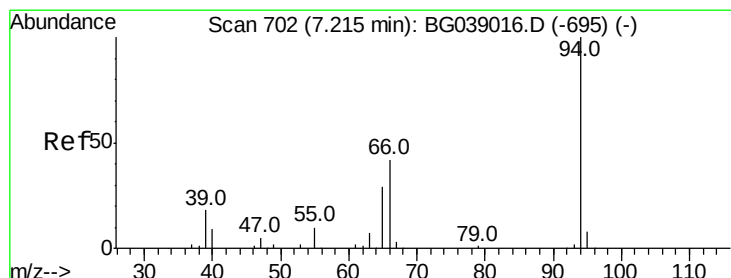
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 51.253 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

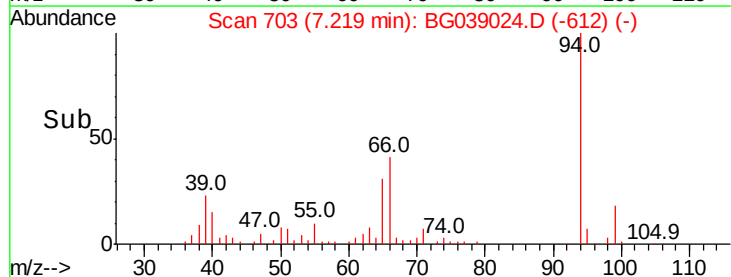
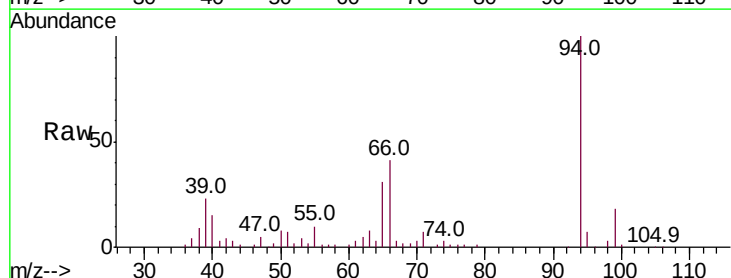
Tgt Ion: 94 Resp: 85224

Ion	Ratio	Lower	Upper
94	100		
65	31.2	10.3	50.3
66	41.0	25.1	65.1

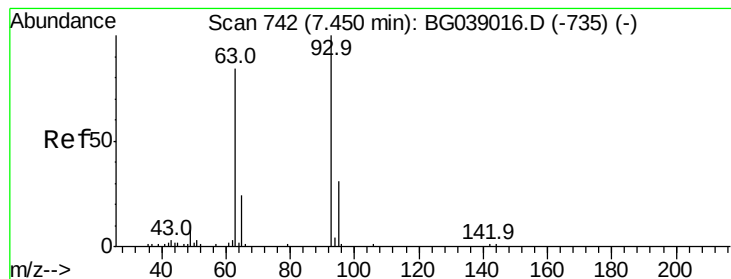
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



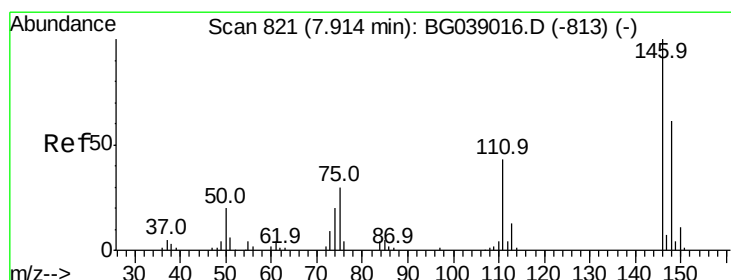
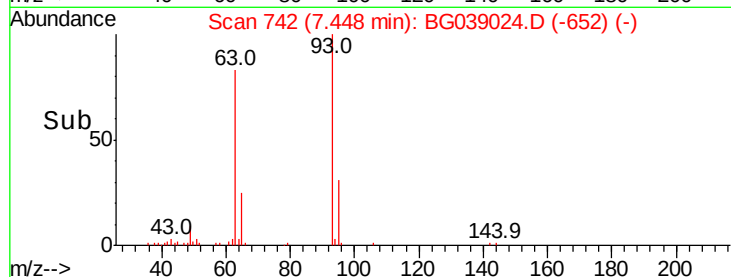
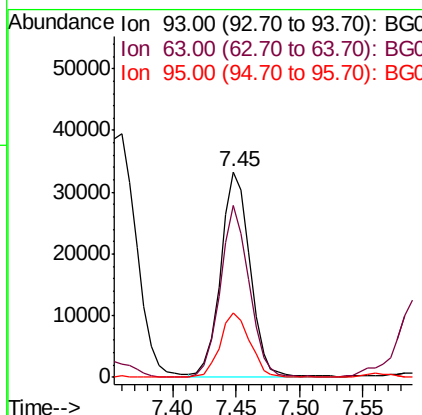
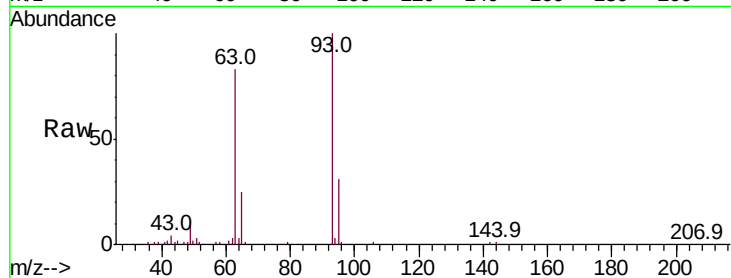
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 42.232 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

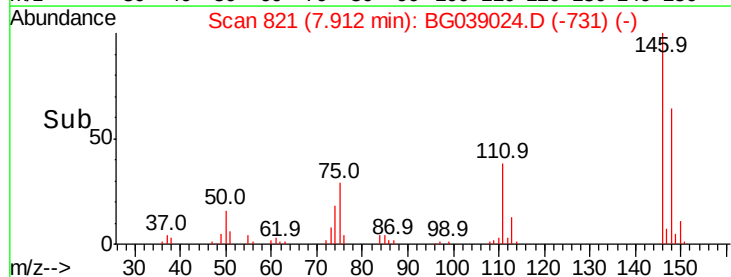
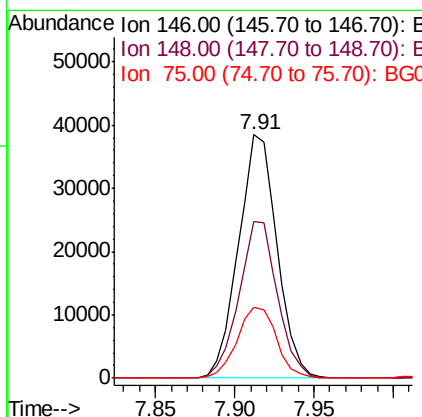
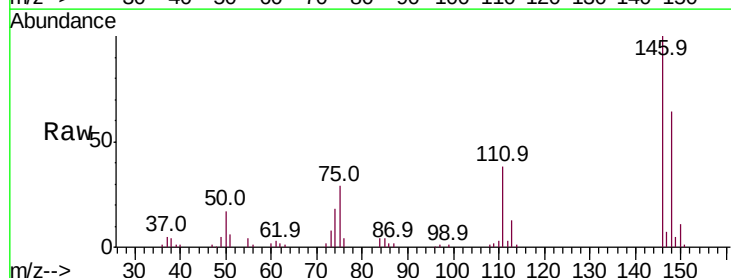
Instrument :
BNA_G
ClientSampleId :

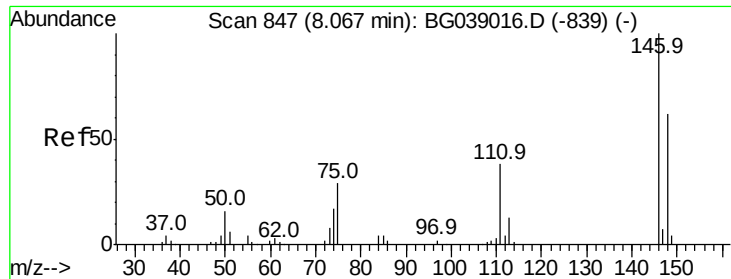
Tot Ion: 93 Resp: 53672
Ion Ratio Lower Upper
93 100
63 83.4 63.2 103.2
95 31.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.754 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion: 146 Resp: 64706
Ion Ratio Lower Upper
146 100
148 64.1 49.1 73.7
75 29.3 23.9 35.9

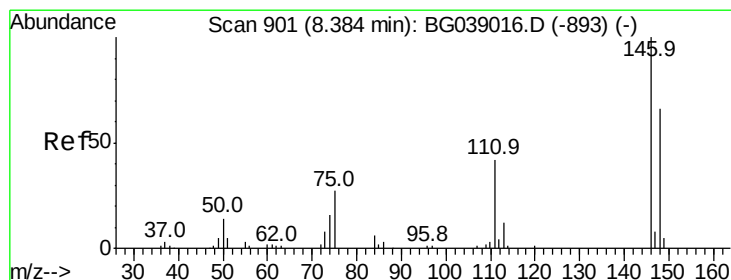
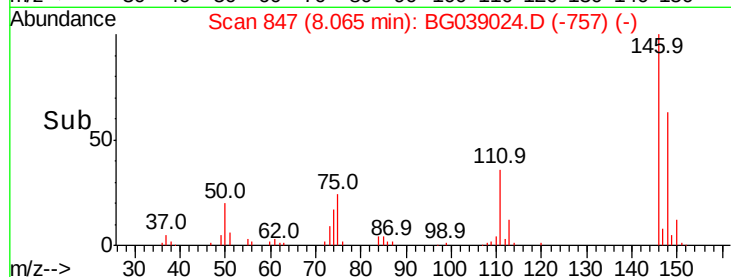
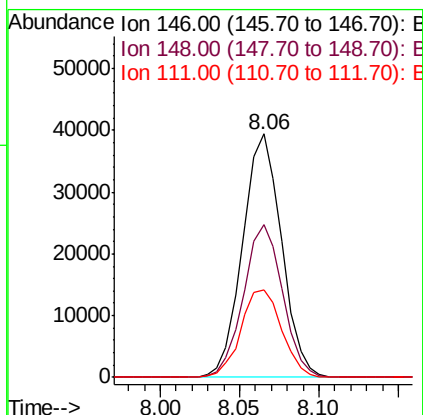
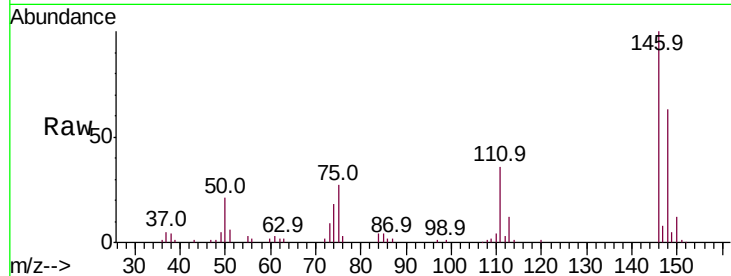




#13
 1,4-Dichlorobenzene
 Concen: 40.775 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

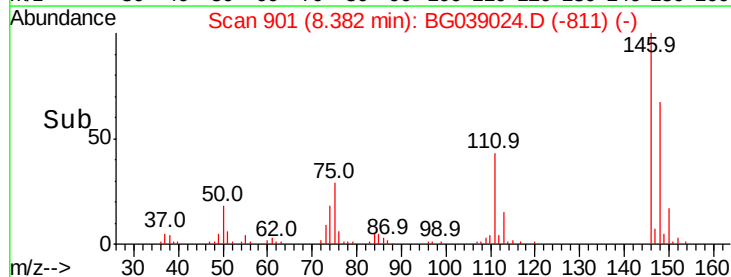
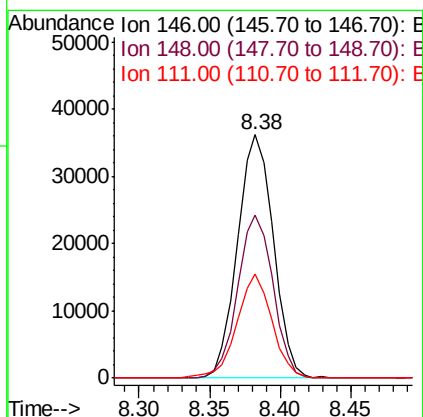
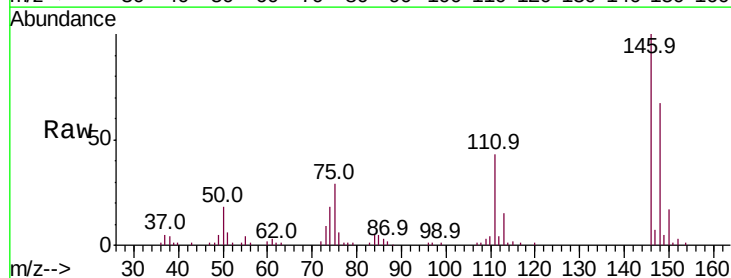
Instrument :
 BNA_G
 ClientSampled :

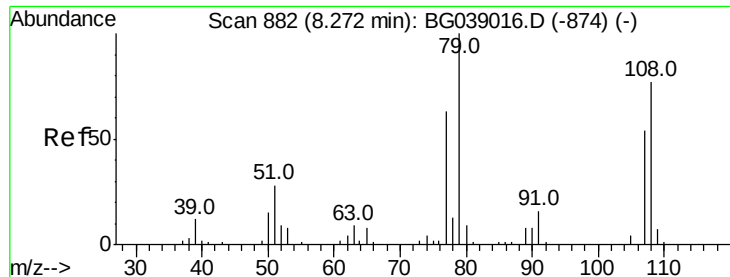
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	36.1	30.6	45.8



#14
 1,2-Dichlorobenzene
 Concen: 41.035 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.6	79.0
111	42.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 48.771 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

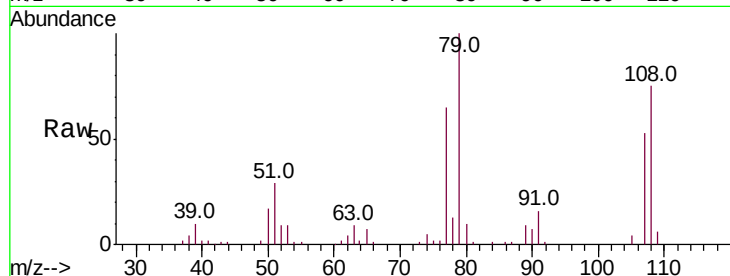
Tot Ion: 79 Resp: 60915

Ion Ratio Lower Upper

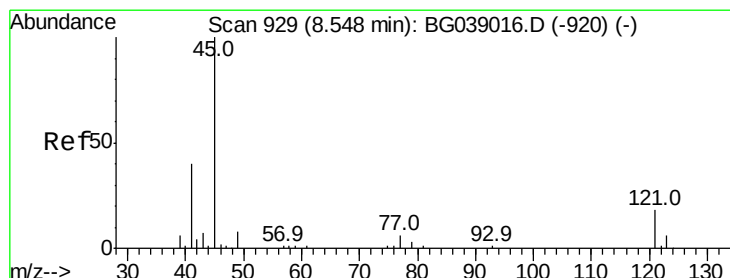
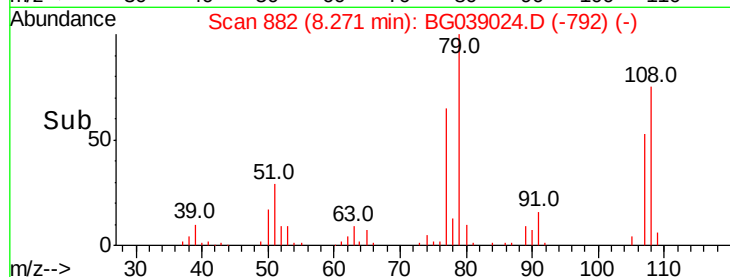
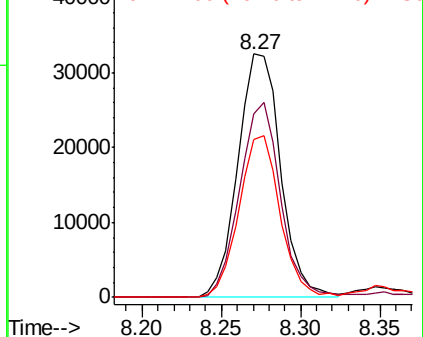
79 100

108 75.5 62.0 93.0

77 64.9 50.1 75.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.837 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

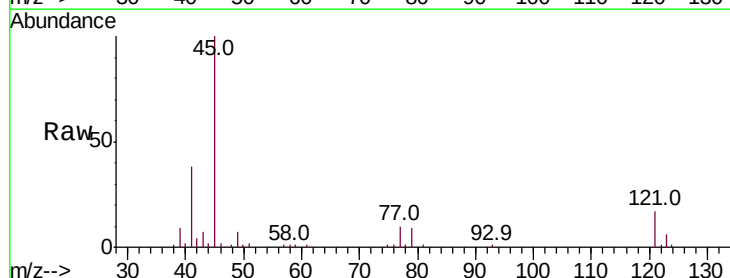
Tgt Ion: 45 Resp: 104391

Ion Ratio Lower Upper

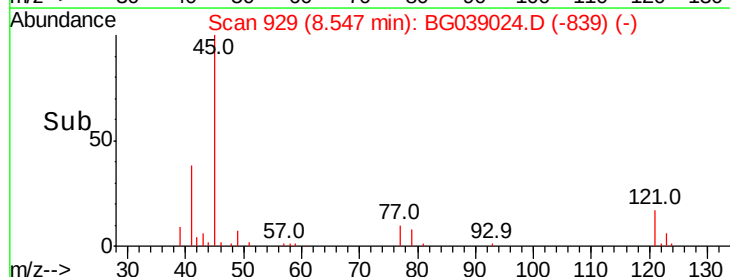
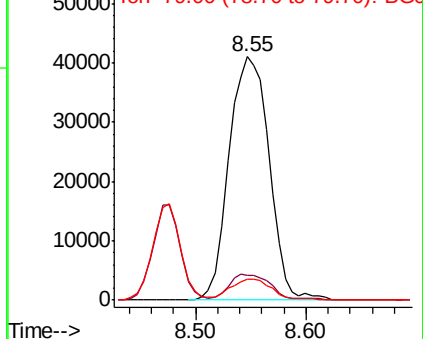
45 100

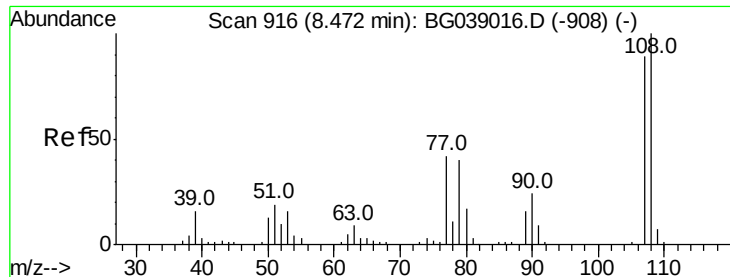
77 10.2 0.0 30.7

79 8.6 0.0 28.5



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

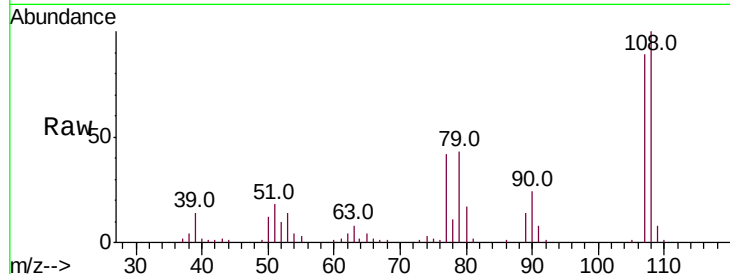




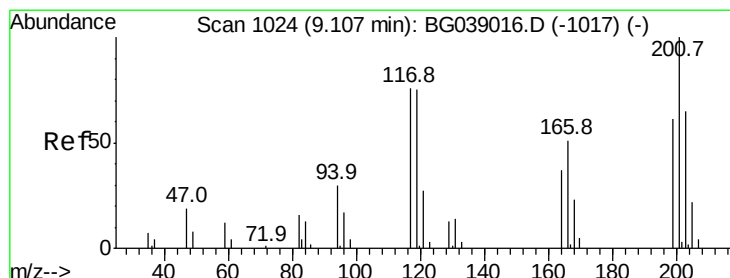
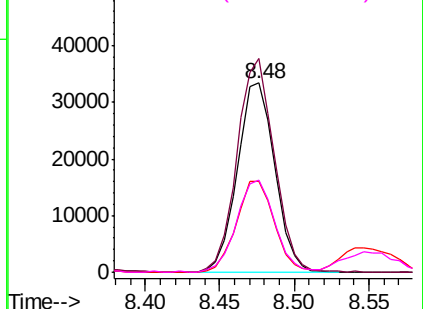
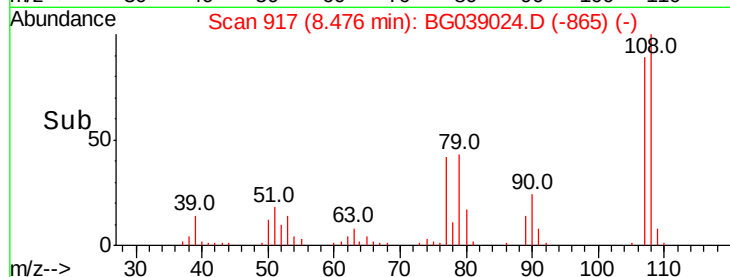
#17
2-Methylphenol
Concen: 50.578 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 58398
Ion Ratio Lower Upper
107 100
108 112.8 90.3 135.5
77 47.7 38.3 57.5
79 48.4 35.8 53.6

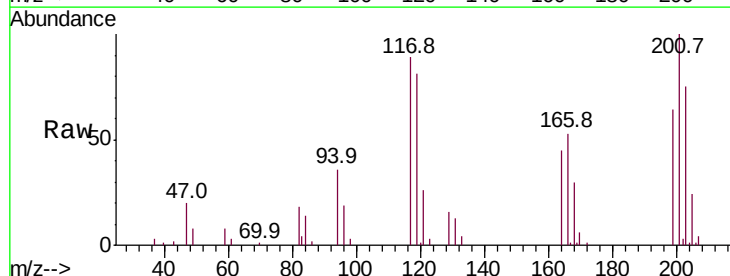


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

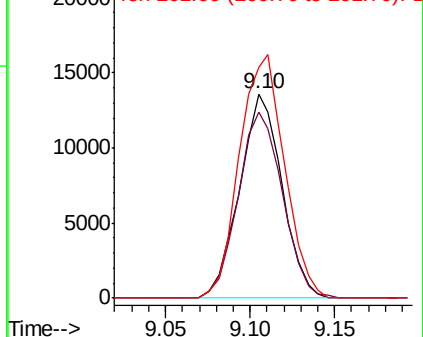
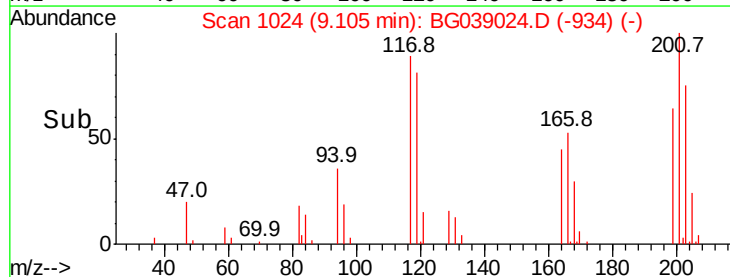


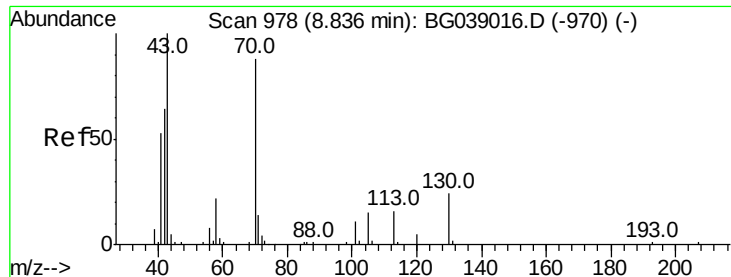
#18
Hexachloroethane
Concen: 42.206 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:117 Resp: 23637
Ion Ratio Lower Upper
117 100
119 91.1 78.7 118.1
201 113.0 108.1 162.1



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

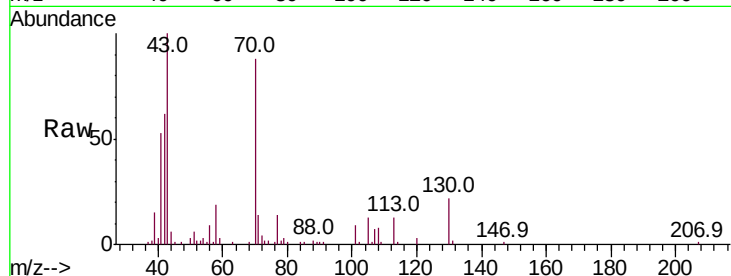




#19
n-Nitroso-di-n-propylamine
Concen: 42.584 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	46379
Ion	Ratio	Lower	Upper
70	100		
42	70.8	59.0	88.4
101	10.7	10.4	15.6
130	24.5	21.6	32.4



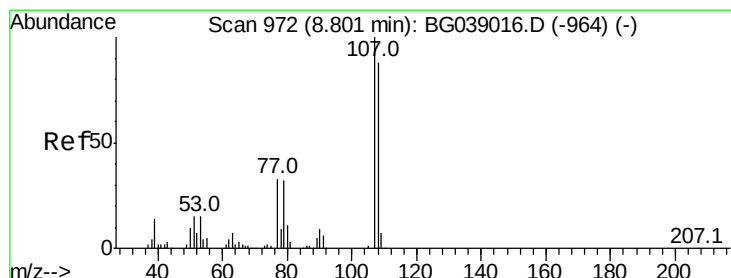
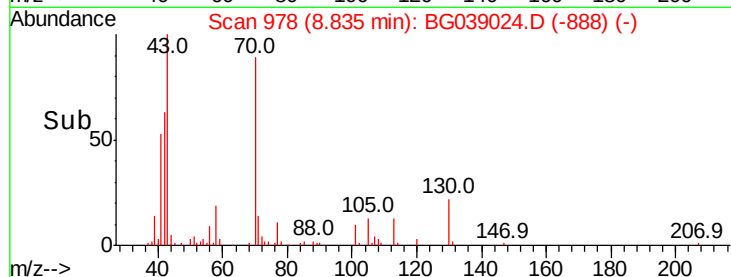
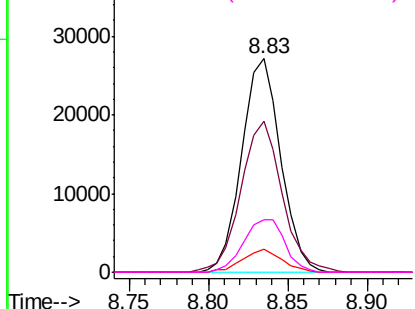
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

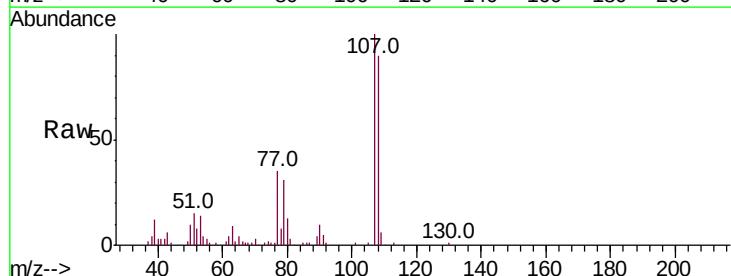
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 49.219 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:	107	Resp:	81024
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.4	108.4
77	34.7	13.3	53.3
79	31.4	11.6	51.6



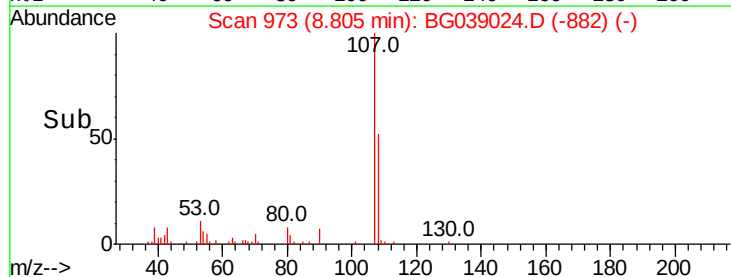
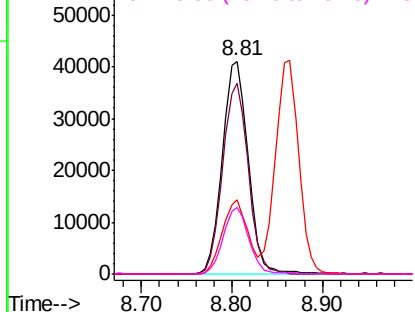
Abundance

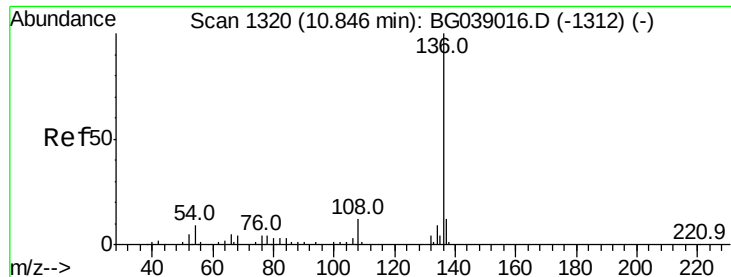
Ion 107.00 (106.70 to 107.70): BGC

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

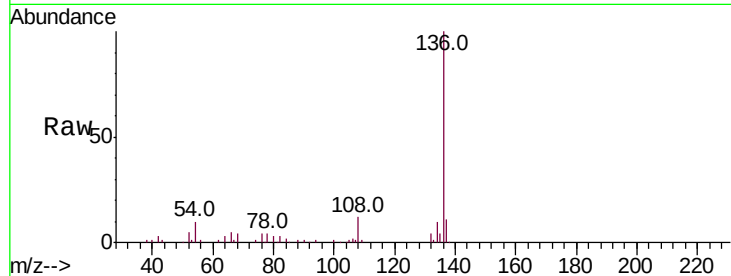




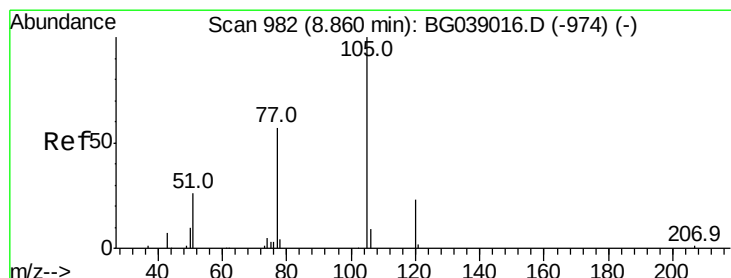
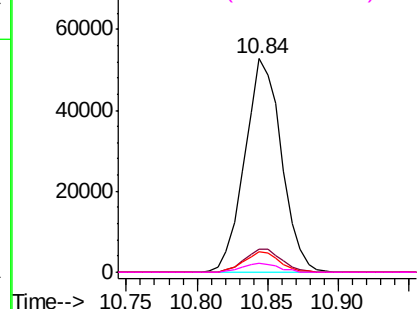
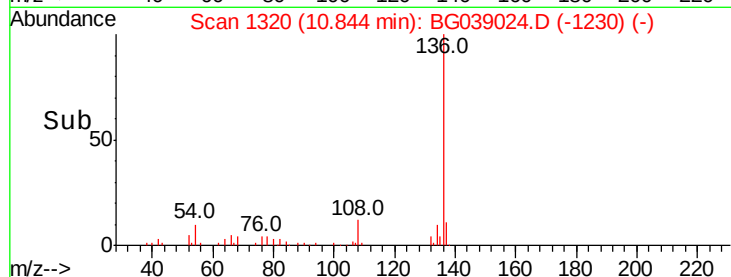
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	95902
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.4	14.2
54 9.6	7.2	10.8
68 4.0	3.5	5.3

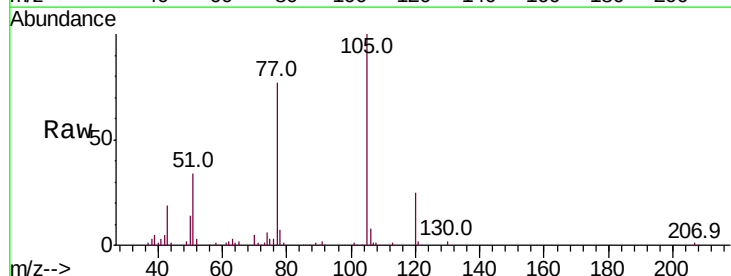


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

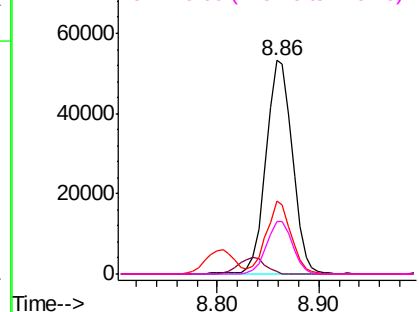
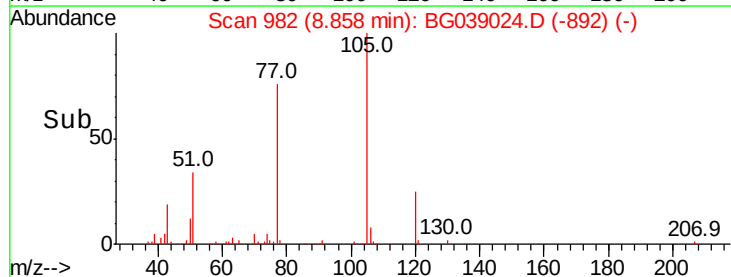


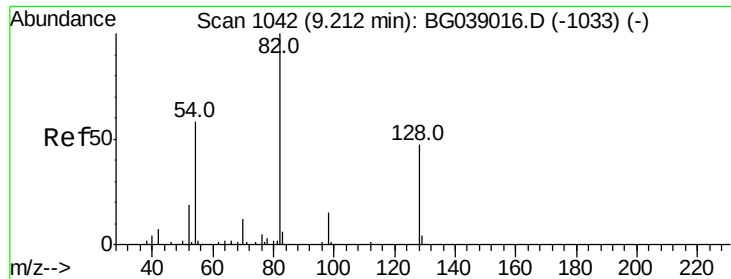
#22
Acetophenone
Concen: 38.510 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt	Ion:105	Resp:	96447
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.6	1.0
51	34.1	26.6	39.8
120	24.7	17.9	26.9



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

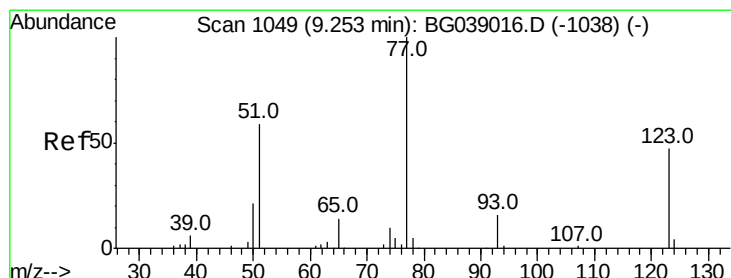
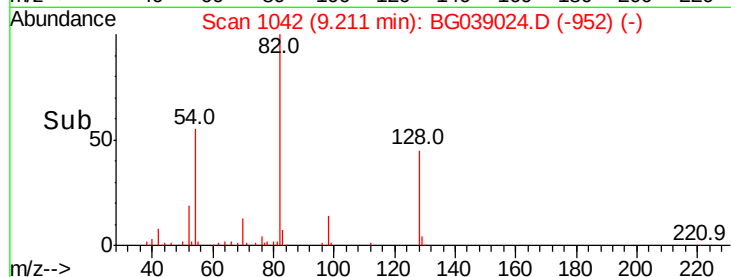
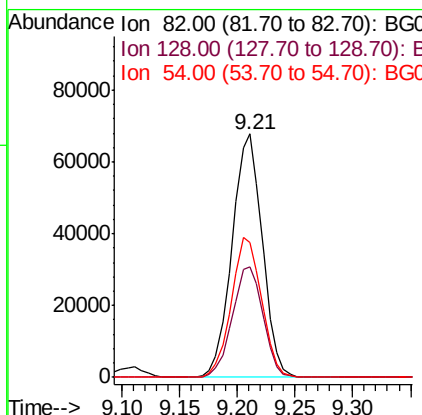
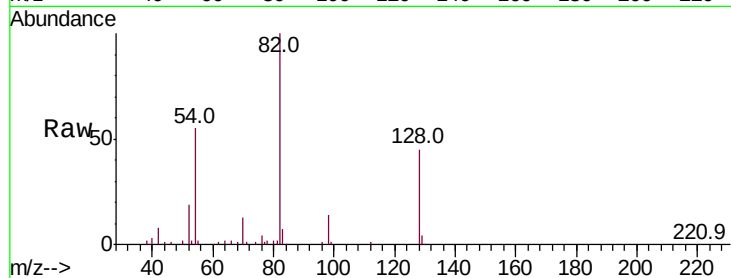




#23
Nitrobenzene-d5
Concen: 70.042 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

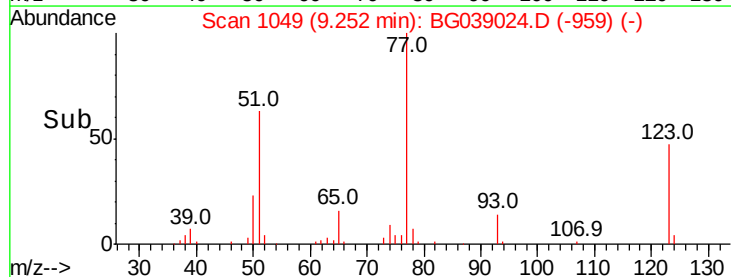
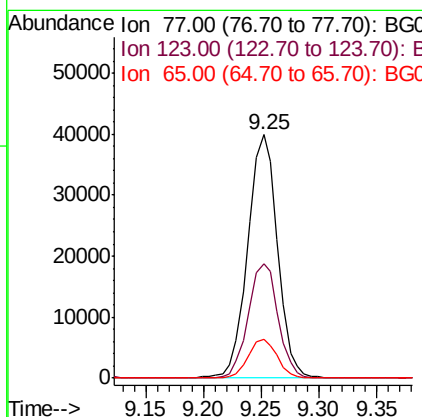
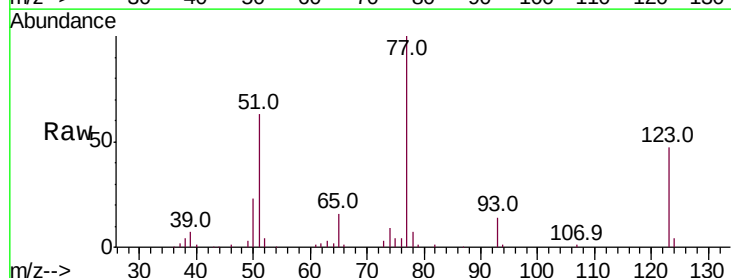
Instrument :
BNA_G
ClientSampled :

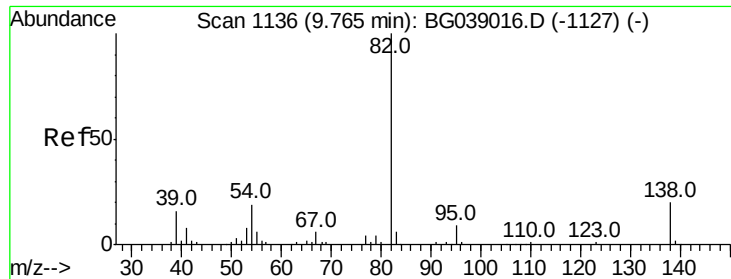
Tot Ion: 82 Resp: 122757
Ion Ratio Lower Upper
82 100
128 45.2 37.3 55.9
54 55.2 46.4 69.6



#24
Nitrobenzene
Concen: 40.491 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion: 77 Resp: 71730
Ion Ratio Lower Upper
77 100
123 47.2 37.6 56.4
65 15.9 11.0 16.6

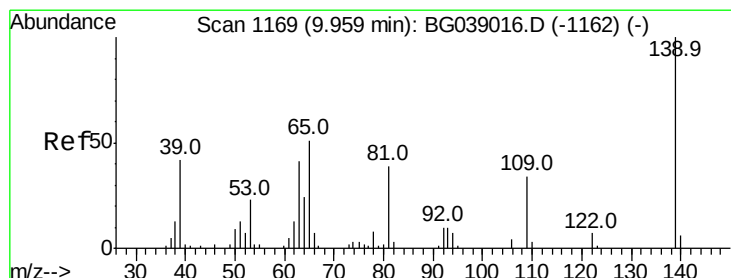
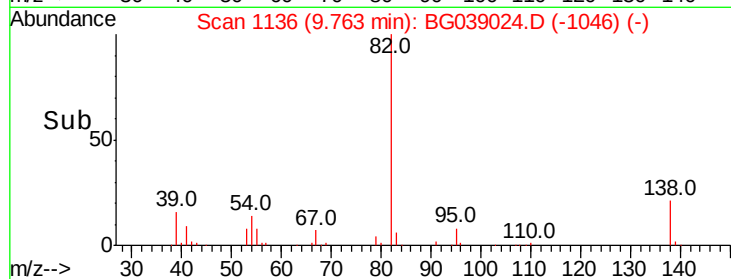
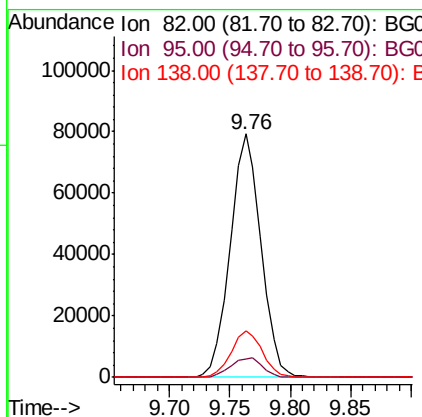
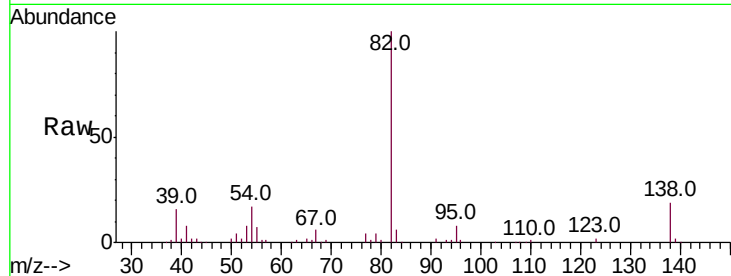




#25
Isophorone
Concen: 46.403 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

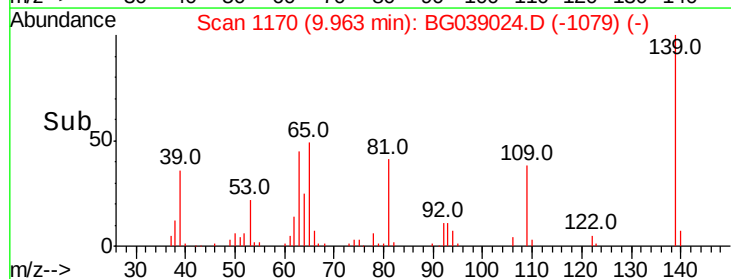
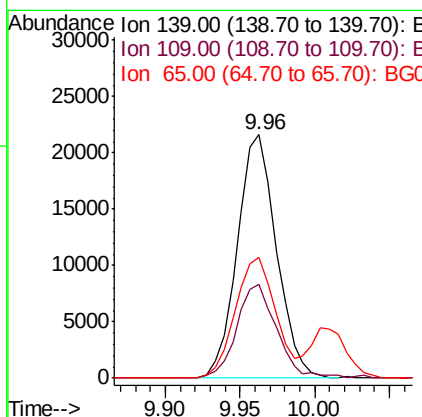
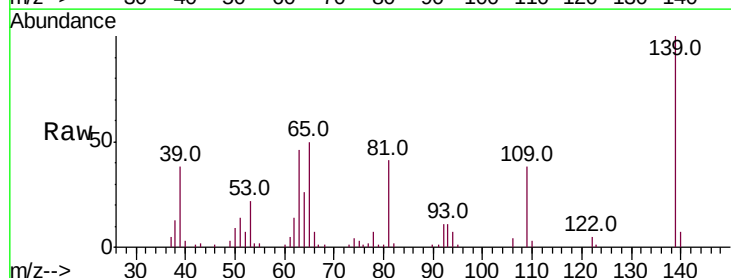
Instrument :
BNA_G
ClientSampleId :

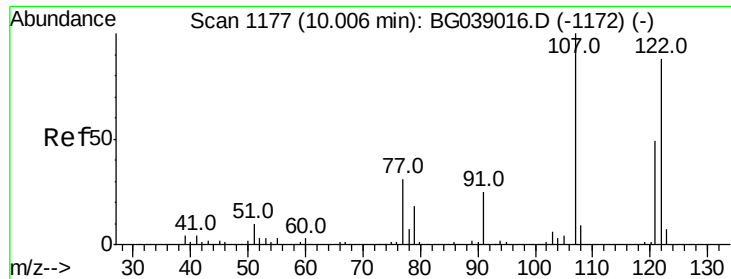
Tot Ion: 82 Resp: 140090
Ion Ratio Lower Upper
82 100
95 7.6 7.0 10.6
138 19.0 16.2 24.4



#26
2-Nitrophenol
Concen: 41.030 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion: 139 Resp: 39314
Ion Ratio Lower Upper
139 100
109 38.3 27.3 40.9
65 49.8 40.6 61.0

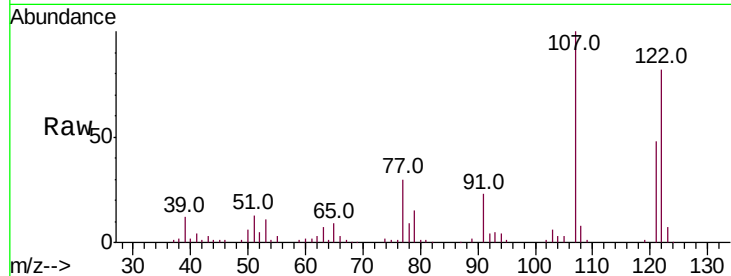




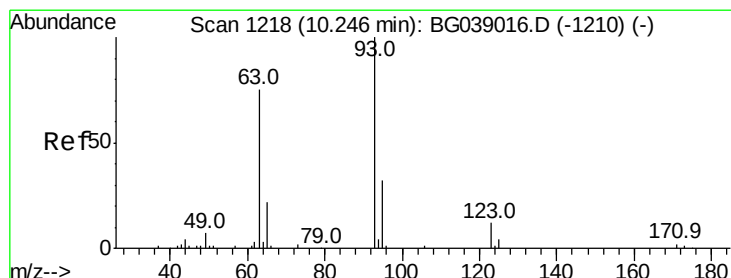
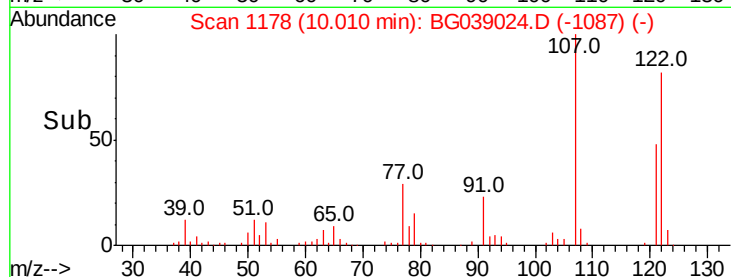
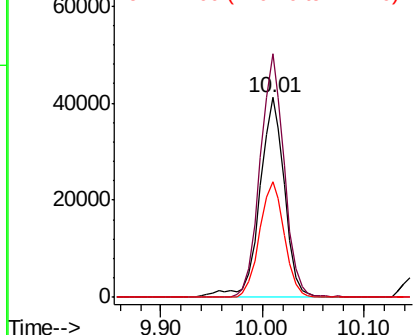
#27
 2,4-Dimethylphenol
 Concen: 52.039 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 70151
 Ion Ratio Lower Upper
 122 100
 107 121.8 88.8 133.2
 121 57.9 43.1 64.7

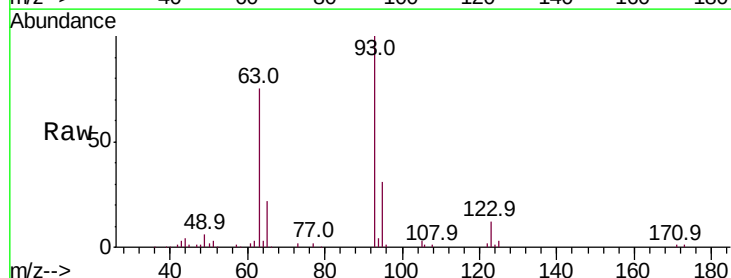


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

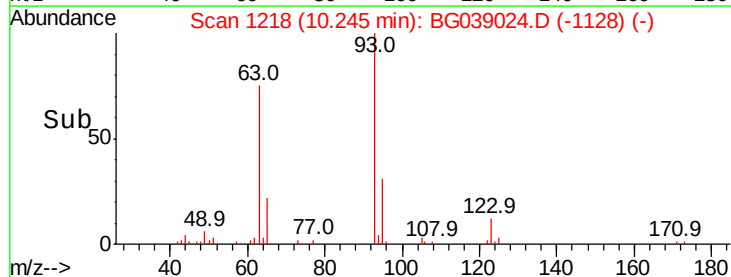
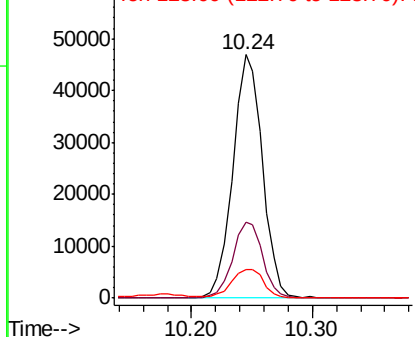


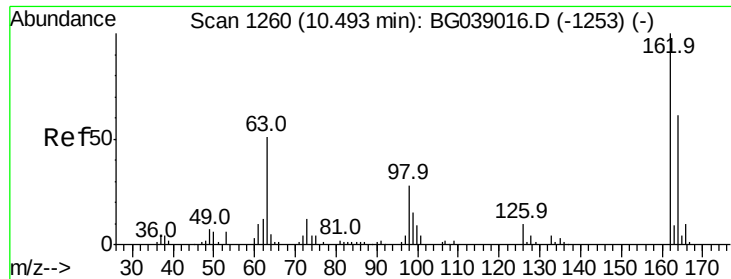
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.976 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion: 93 Resp: 79790
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.6 38.4
 123 11.7 10.1 15.1



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

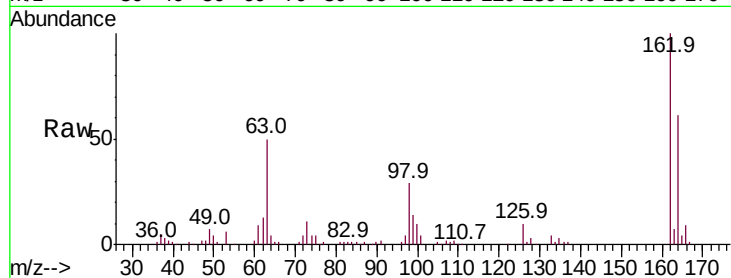




#29
 2,4-Dichlorophenol
 Concen: 48.526 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	41.3	81.3
98	28.7	8.3	48.3

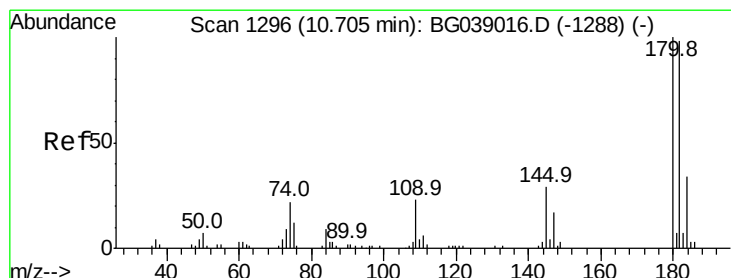
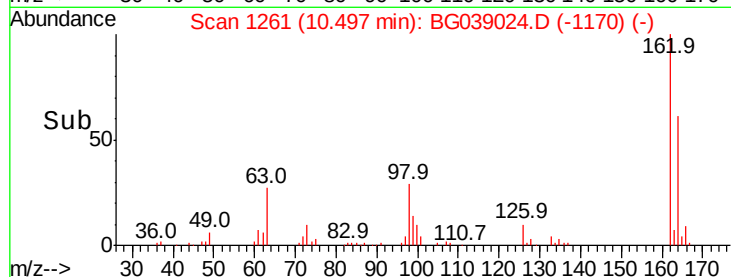
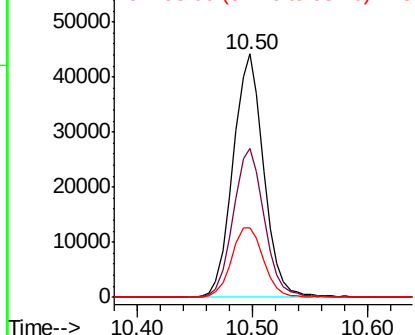


Abundance

Ion 162.00 (161.70 to 162.70): E

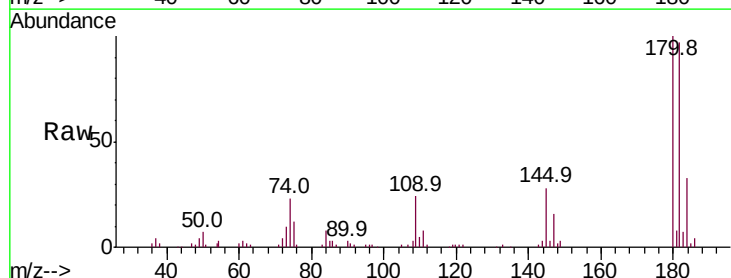
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 39.485 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.1	117.1
145	28.4	23.1	34.7

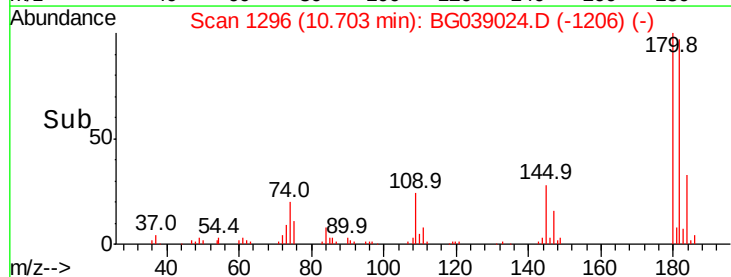
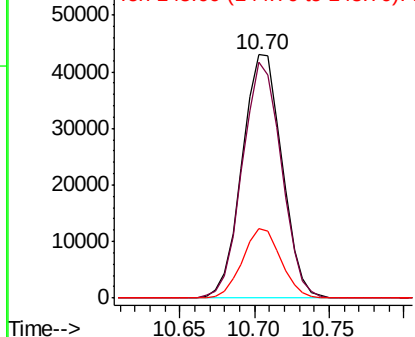


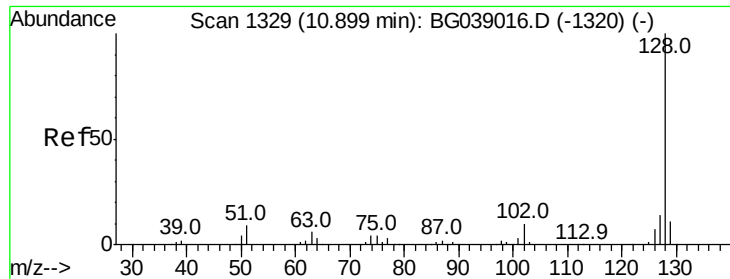
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

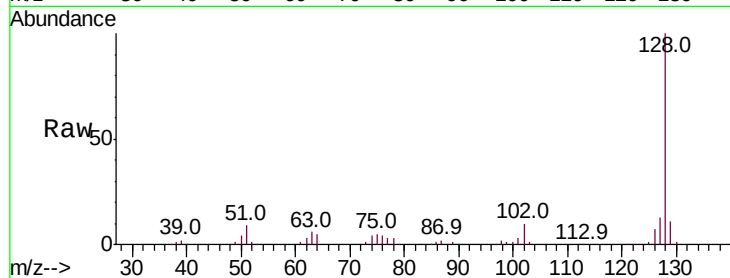




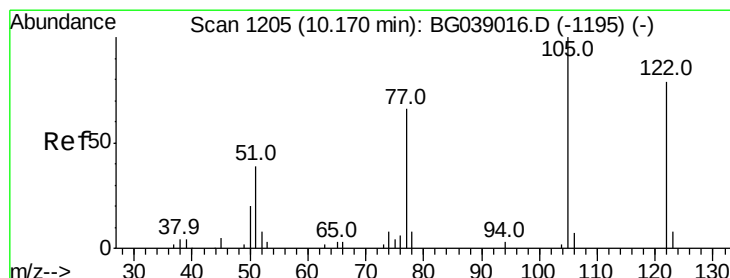
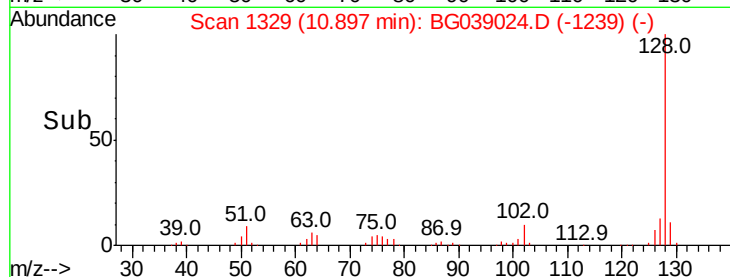
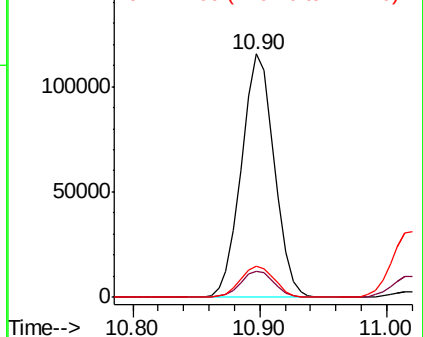
#31
Naphthalene
Concen: 43.248 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 208018
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.0 11.2 16.8

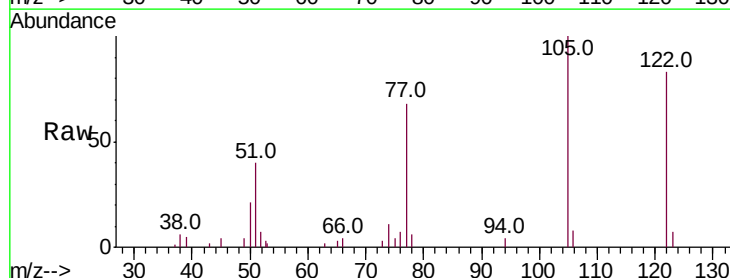


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

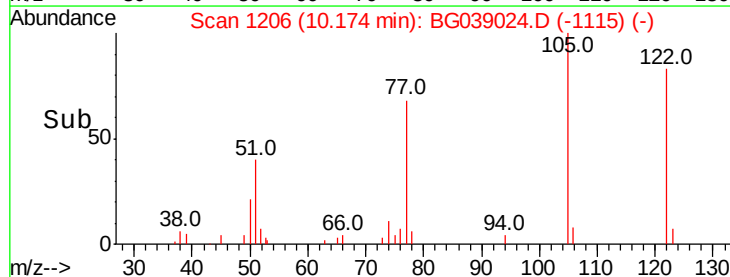
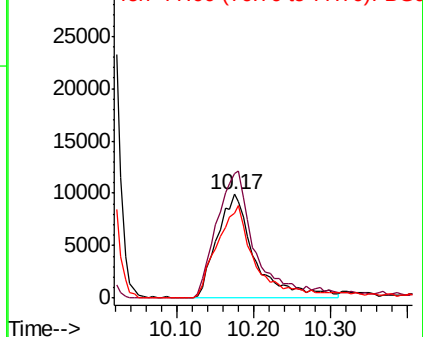


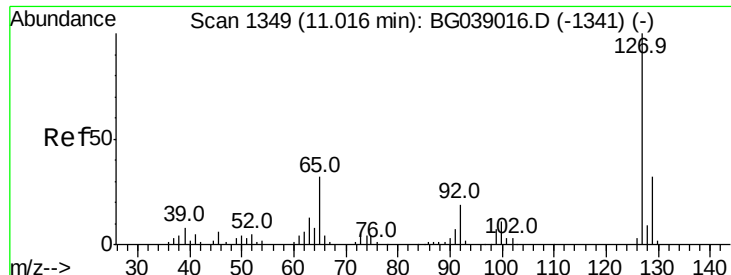
#32
Benzoic acid
Concen: 42.397 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:122 Resp: 34013
Ion Ratio Lower Upper
122 100
105 120.3 106.4 146.4
77 82.0 63.6 103.6



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): BG

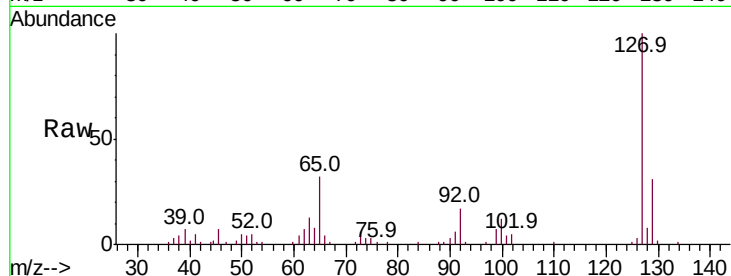




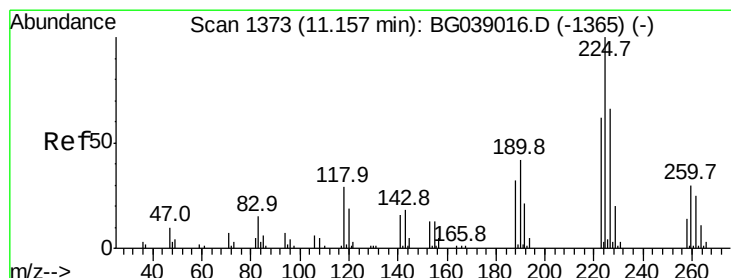
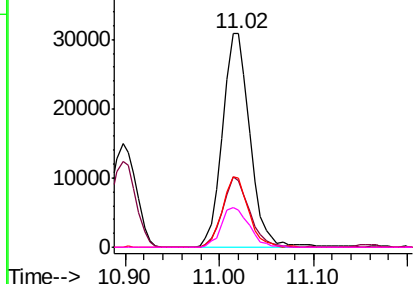
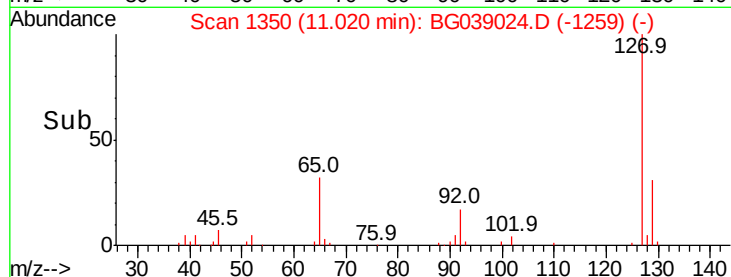
#33
4-Chloroaniline
Concen: 29.178 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 62798
Ion Ratio Lower Upper
127 100
129 31.4 25.4 38.0
65 32.4 25.4 38.0
92 17.4 15.2 22.8

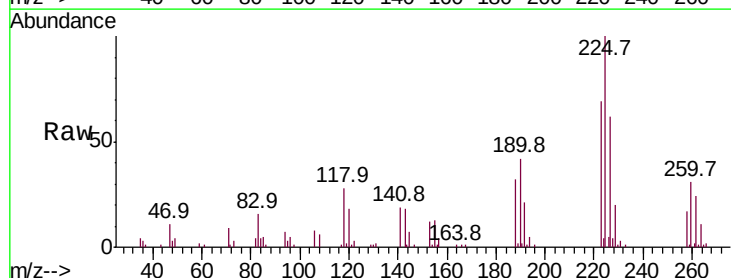


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

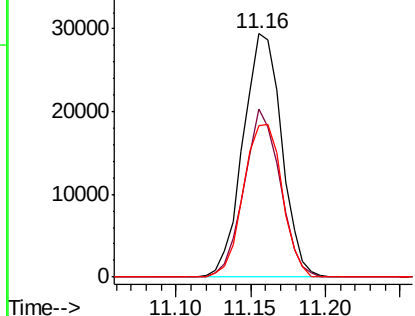
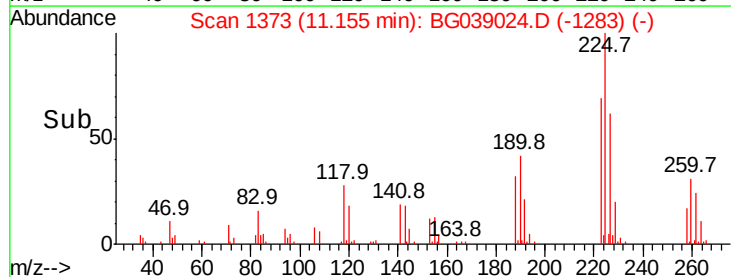


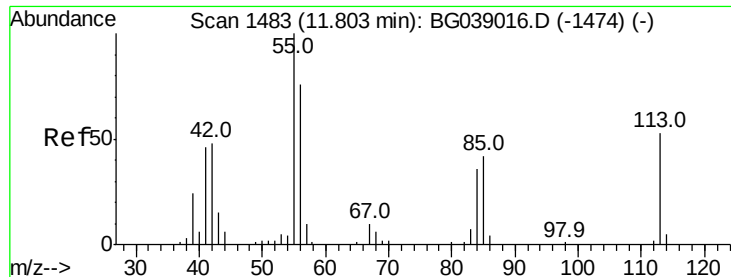
#34
Hexachlorobutadiene
Concen: 37.973 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:225 Resp: 52577
Ion Ratio Lower Upper
225 100
223 68.9 50.2 75.4
227 65.6 53.2 79.8



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: 20.108 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampled :

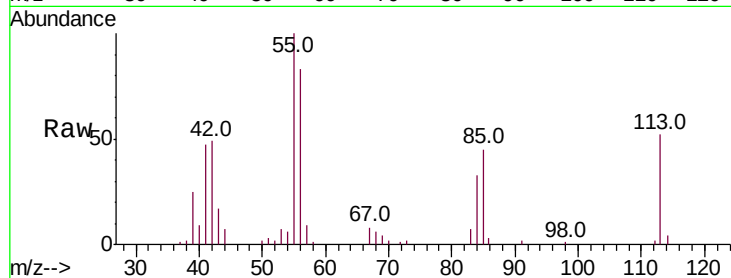
Tot Ion:113 Resp: 13504

Ion Ratio Lower Upper

113 100

55 190.8 168.6 208.6

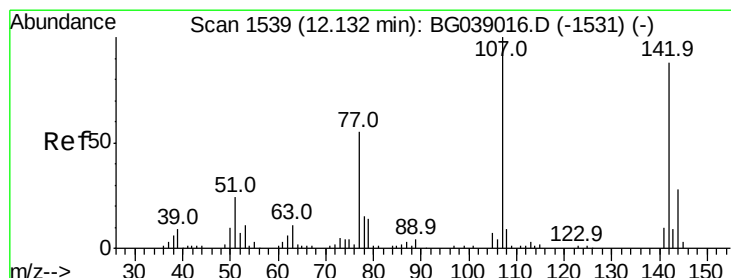
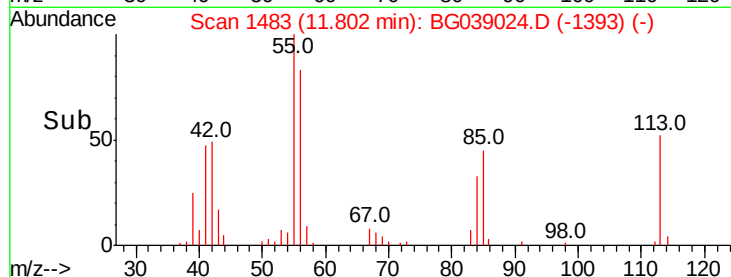
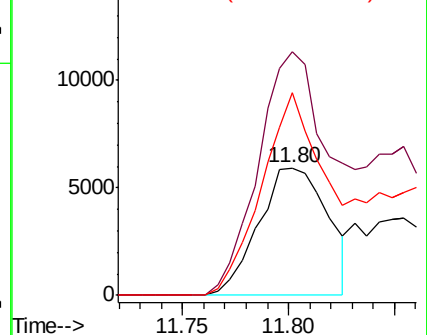
56 159.3 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.115 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

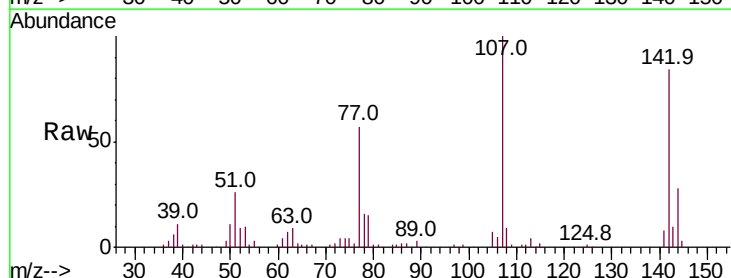
Tgt Ion:107 Resp: 80810

Ion Ratio Lower Upper

107 100

144 27.8 22.6 34.0

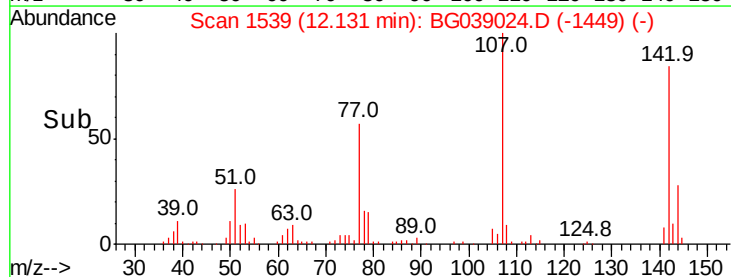
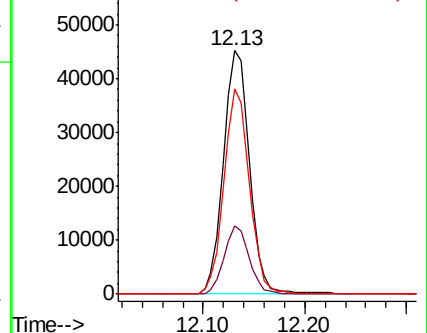
142 84.1 70.2 105.4

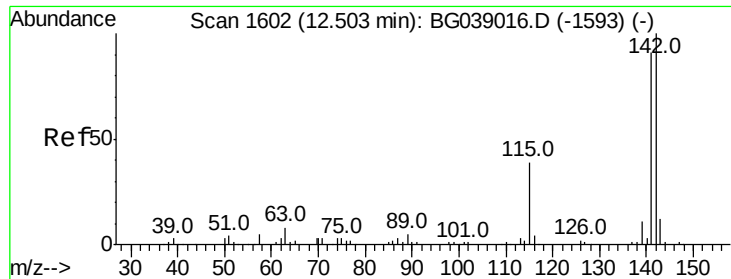


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

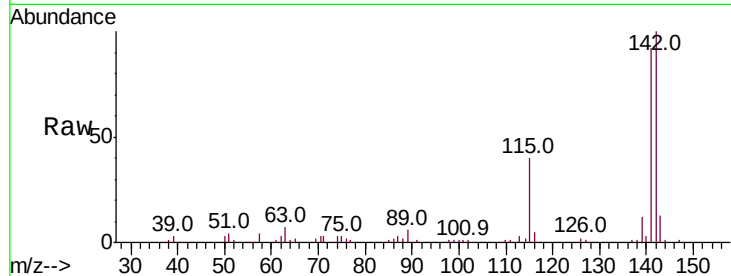




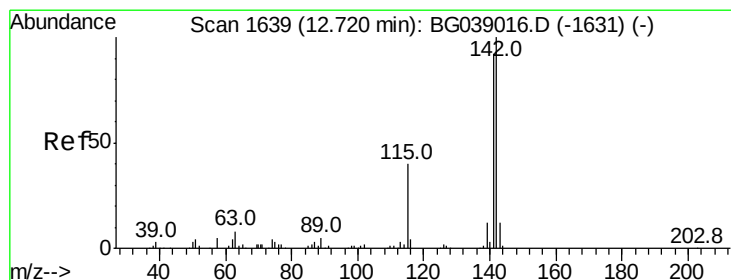
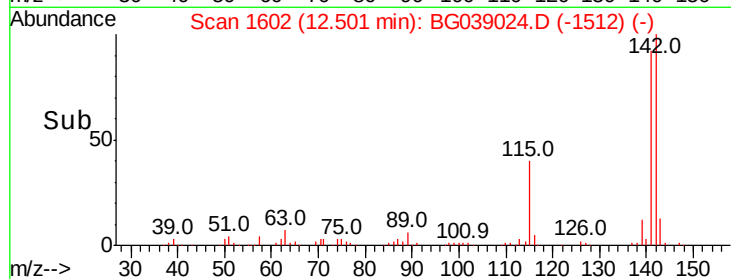
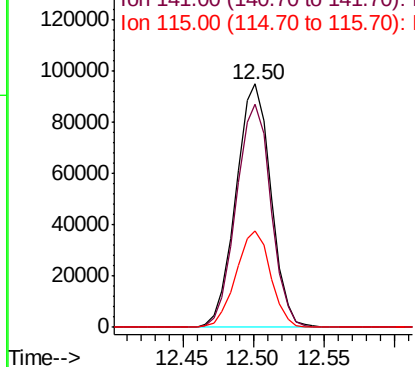
#37
2-Methylnaphthalene
Concen: 45.522 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 164162
Ion Ratio Lower Upper
142 100
141 91.9 72.6 109.0
115 39.8 31.1 46.7

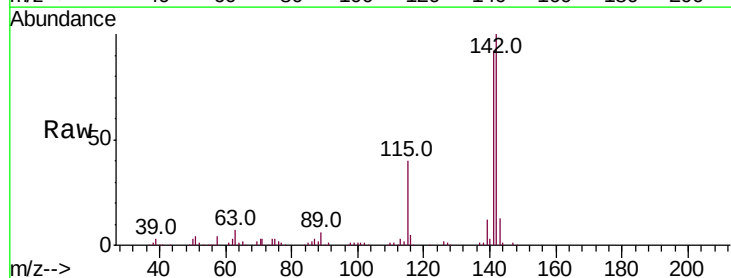


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

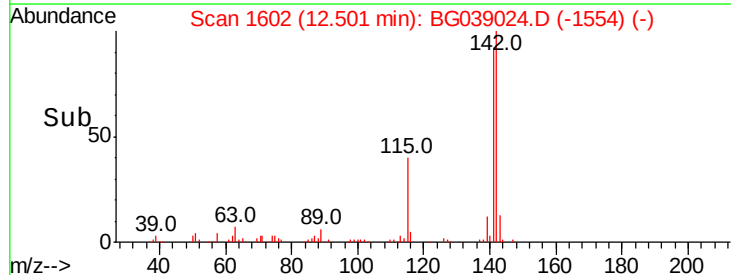
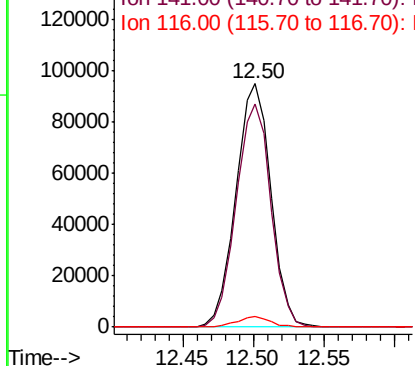


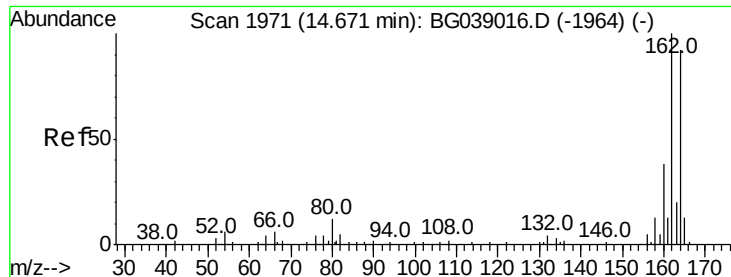
#38
1-Methylnaphthalene
Concen: 47.427 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.22 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:142 Resp: 164162
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 4.6 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

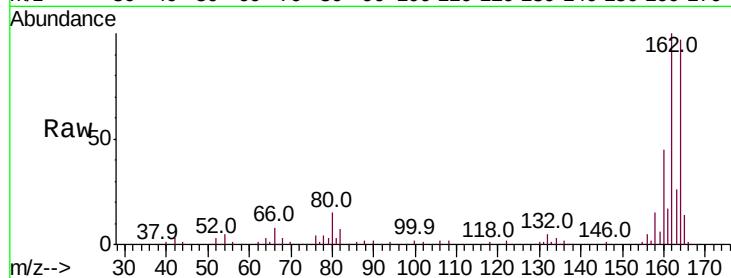
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 70231

Ion	Ratio	Lower	Upper
164	100		
162	102.6	87.2	130.8
160	45.7	33.3	49.9

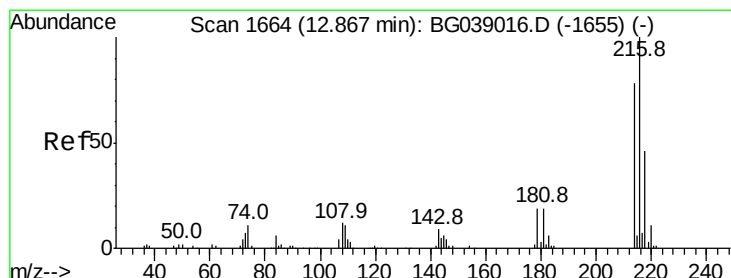
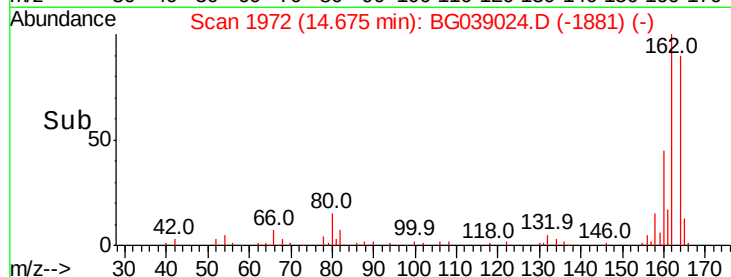
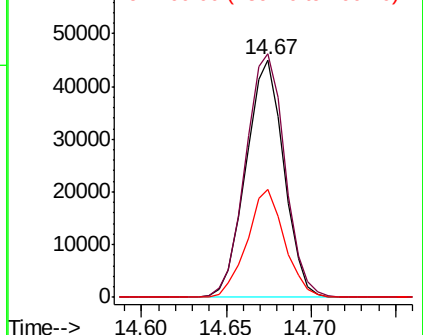


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.954 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Tgt Ion:216 Resp: 105383

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	19.5	15.5	23.3
108	16.3	11.4	17.2

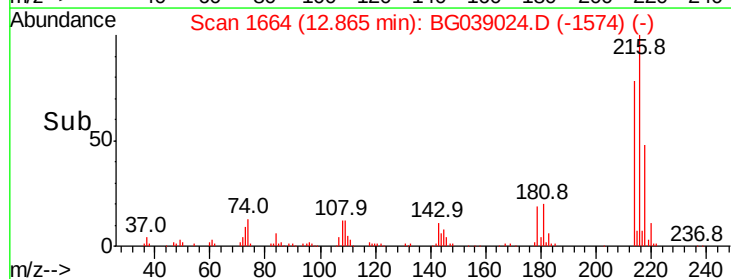
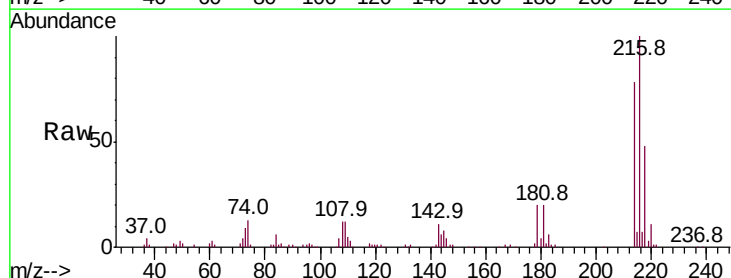
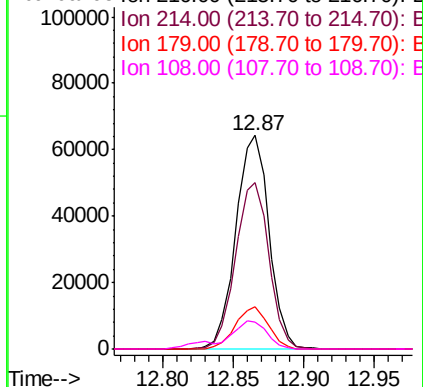
Abundance

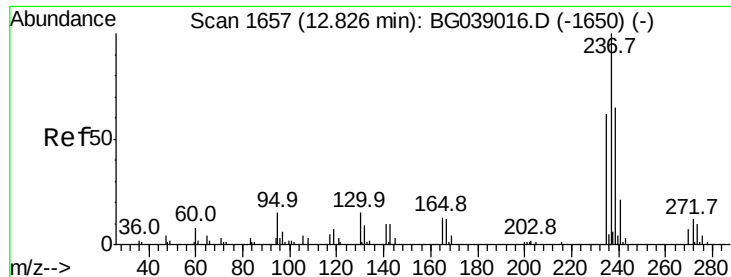
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.517 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

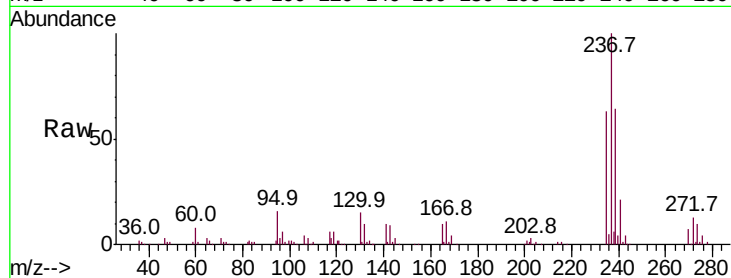
Tot Ion:237 Resp: 122868

Ion Ratio Lower Upper

237 100

235 62.6 41.7 81.7

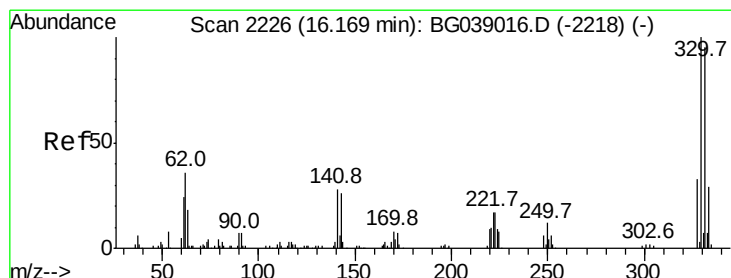
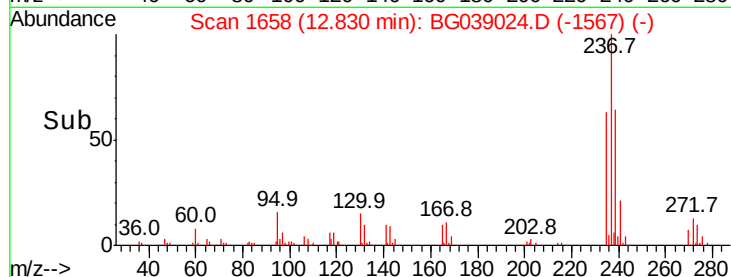
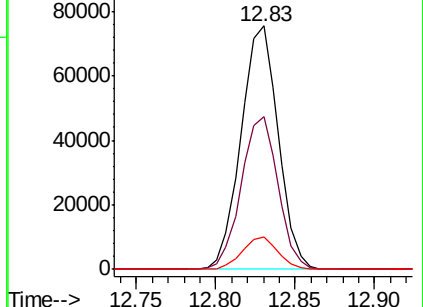
272 13.1 0.0 32.1



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: 134.444 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

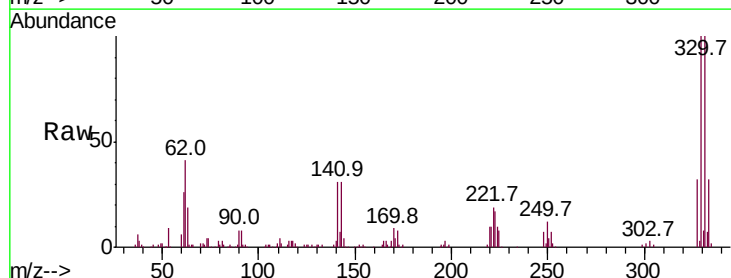
Tgt Ion:330 Resp: 158276

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

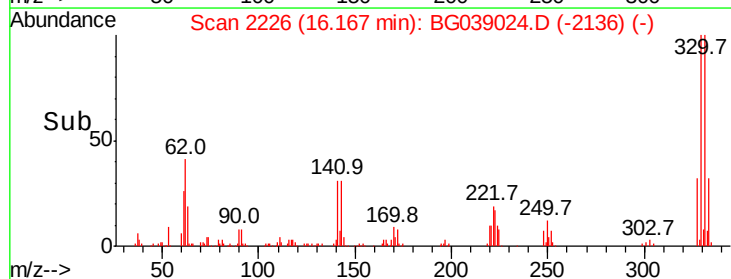
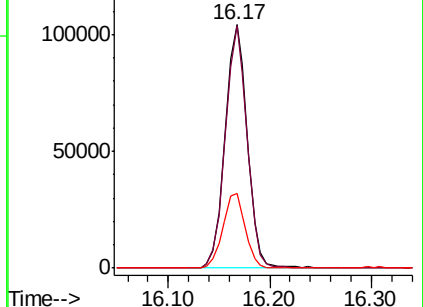
141 30.9 24.9 37.3

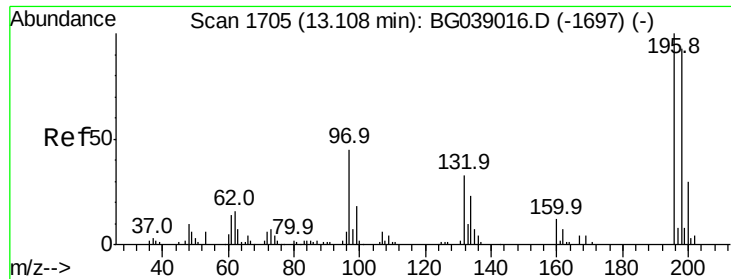


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



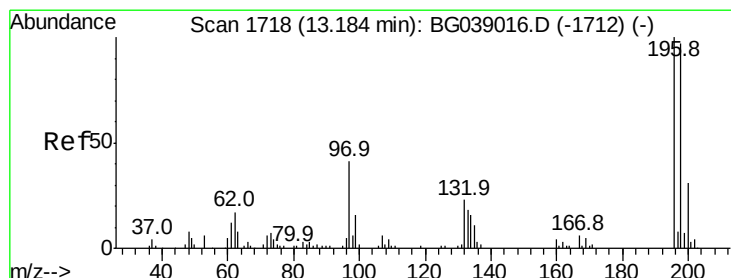
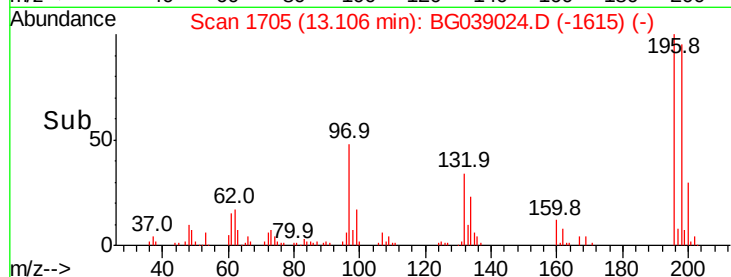
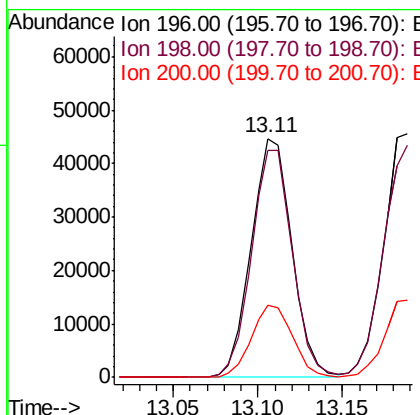
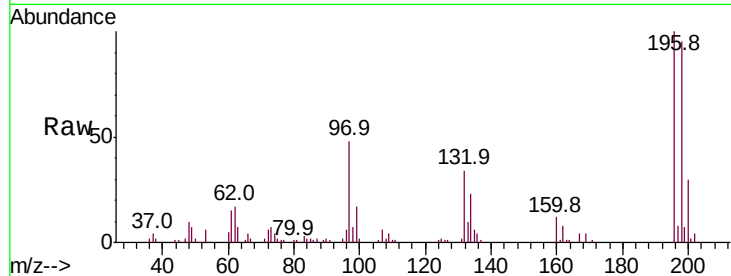


#43
 2,4,6-Trichlorophenol
 Concen: 45.027 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 74747

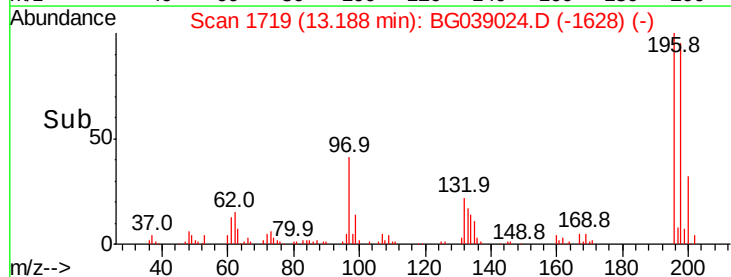
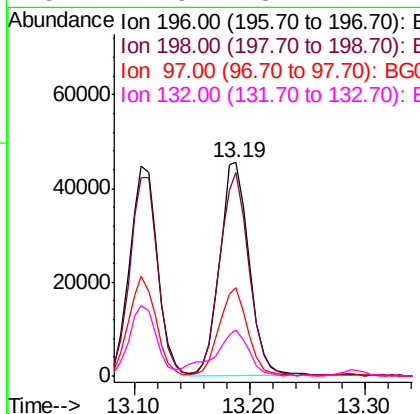
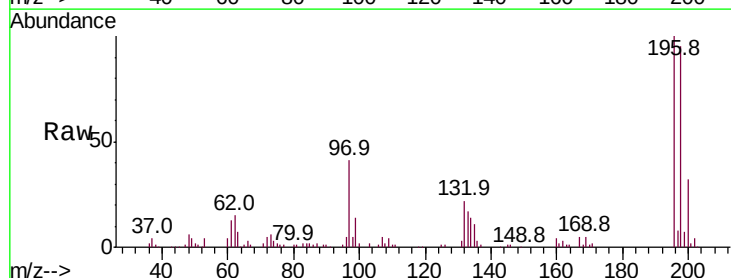
Ion	Ratio	Lower	Upper
196	100		
198	94.8	74.5	111.7
200	30.2	23.8	35.6

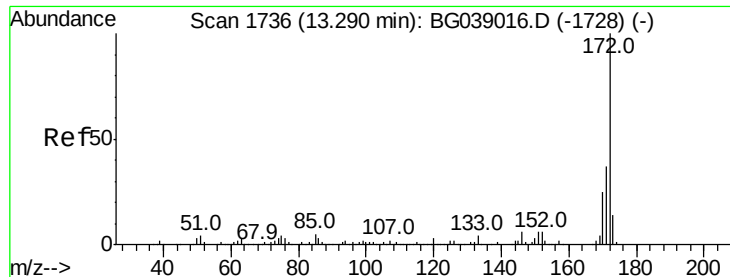


#44
 2,4,5-Trichlorophenol
 Concen: 45.595 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion:196 Resp: 79996

Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.1	117.1
97	41.5	33.2	49.8
132	21.9	18.2	27.4

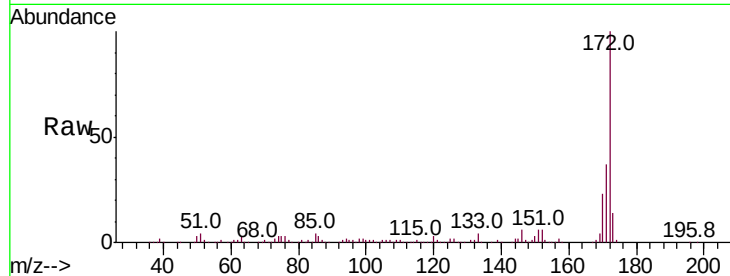




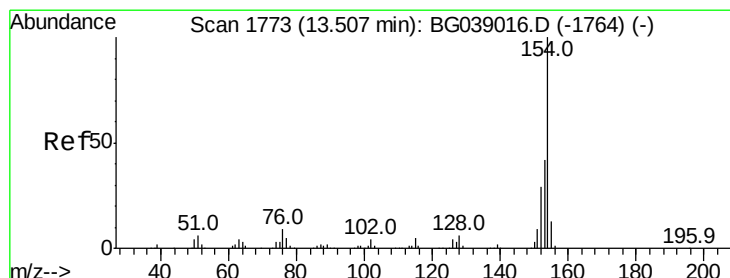
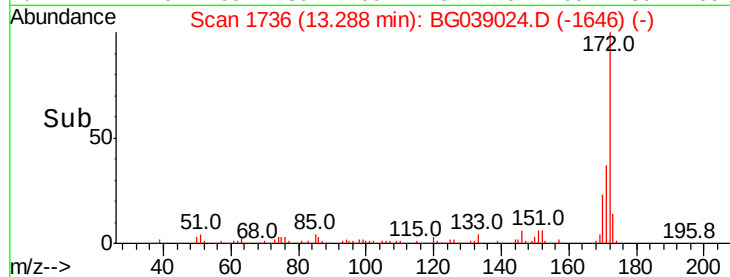
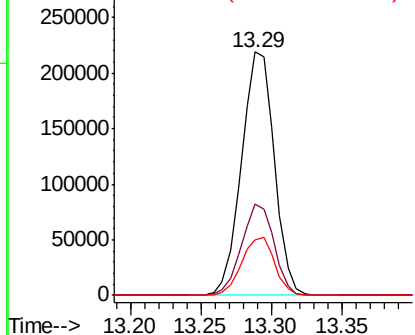
#45
 2-Fluorobiphenyl
 Concen: 69.442 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 356356
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.0
 170 22.9 20.1 30.1

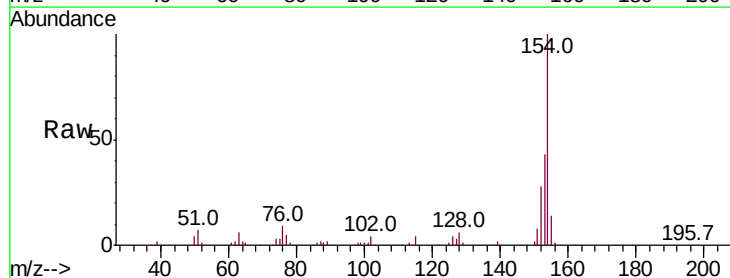


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

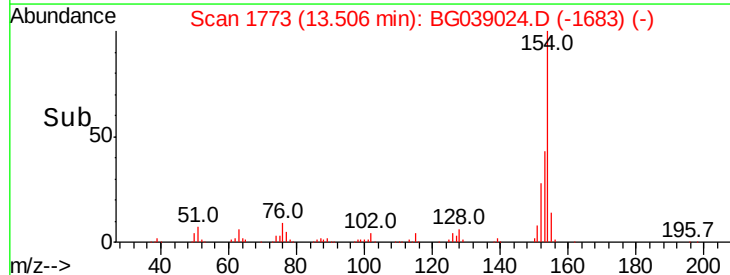
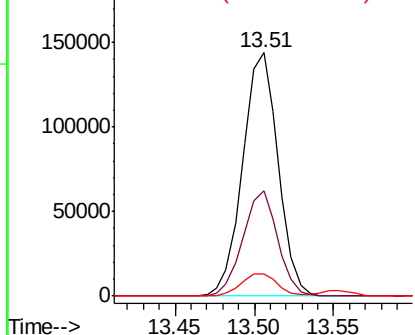


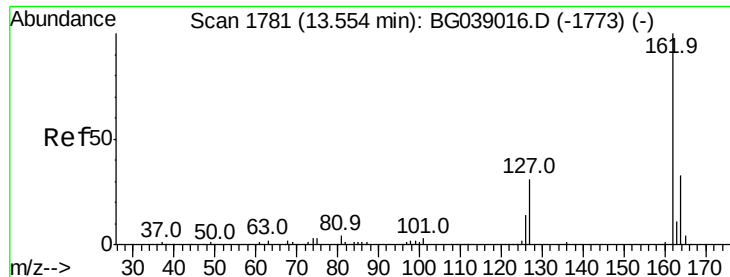
#46
 1,1'-Biphenyl
 Concen: 39.987 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion:154 Resp: 222525
 Ion Ratio Lower Upper
 154 100
 153 43.4 22.4 62.4
 76 9.3 0.0 29.4



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

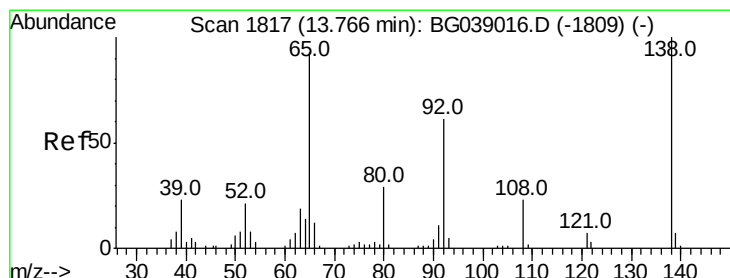
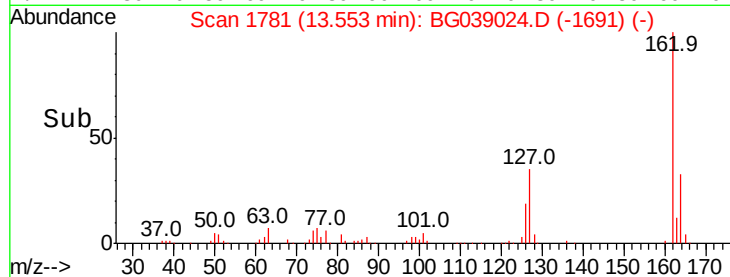
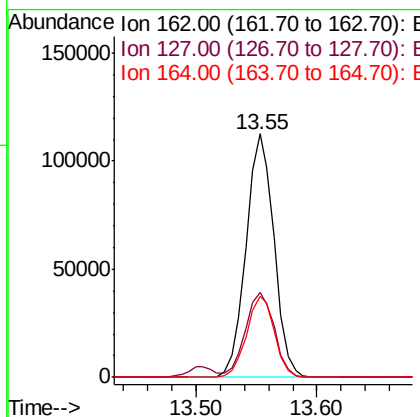
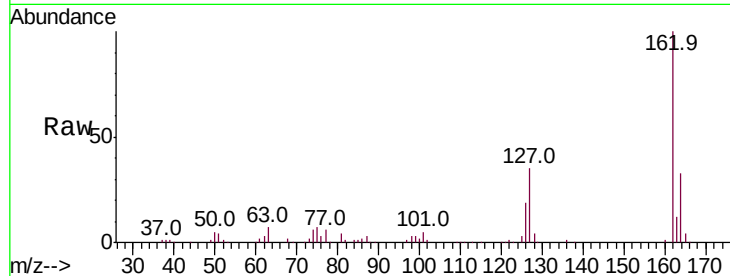




#47
 2-Chloronaphthalene
 Concen: 40.253 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

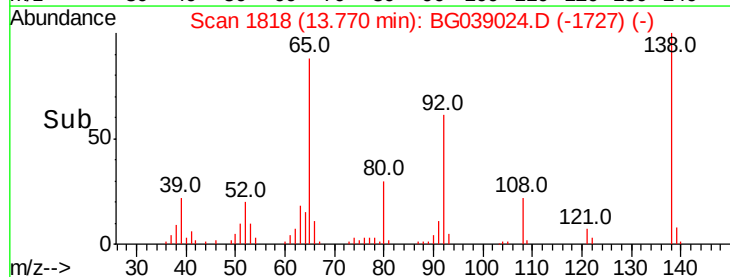
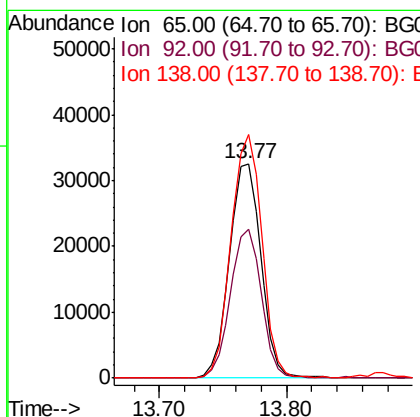
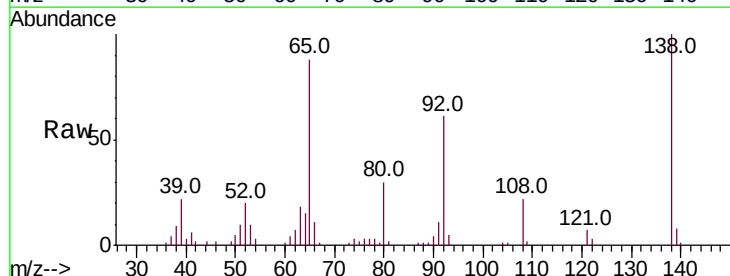
Instrument :
 BNA_G
 ClientSampleId :

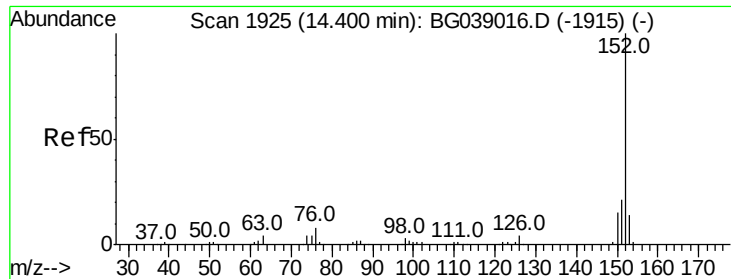
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	28.4	42.6
164	33.3	26.3	39.5



#48
 2-Nitroaniline
 Concen: 44.400 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	52.2	78.4
138	113.6	86.0	129.0





#49

Acenaphthylene

Concen: 44.787 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

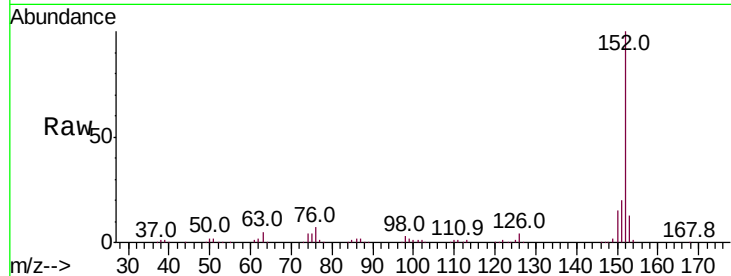
Tot Ion:152 Resp: 303153

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

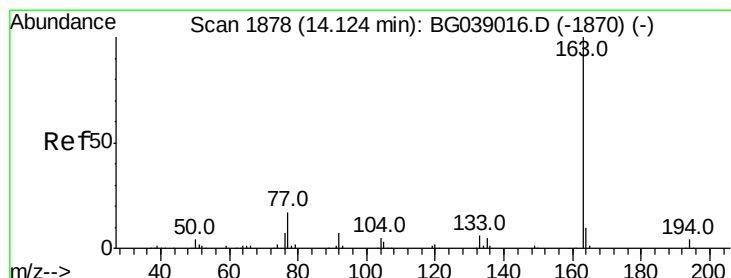
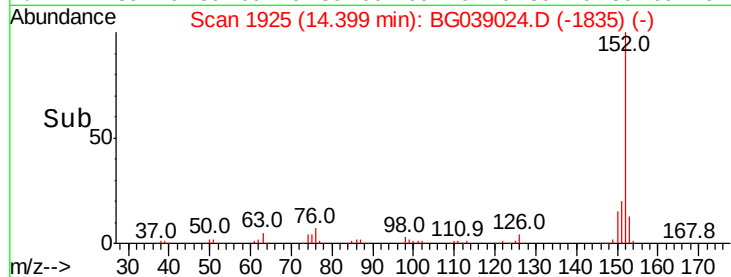
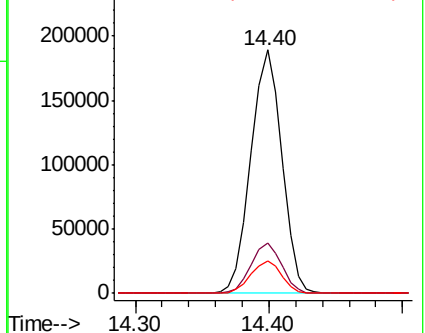
153 13.4 11.2 16.8



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: 42.380 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

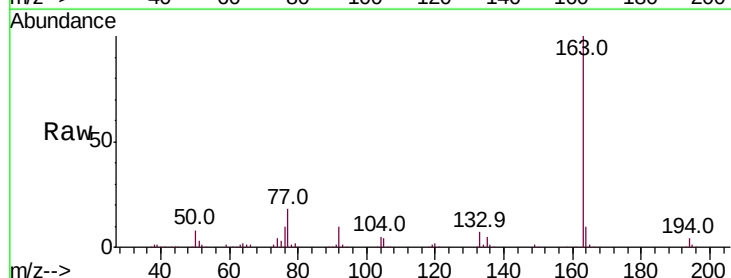
Tgt Ion:163 Resp: 251520

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

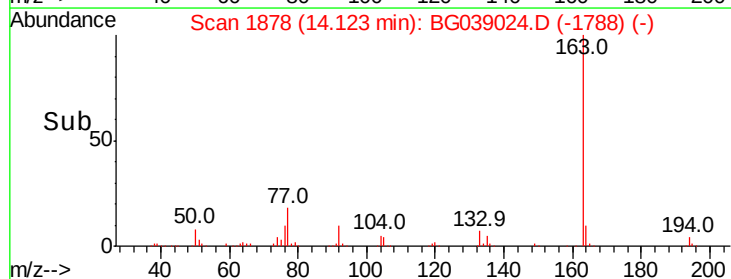
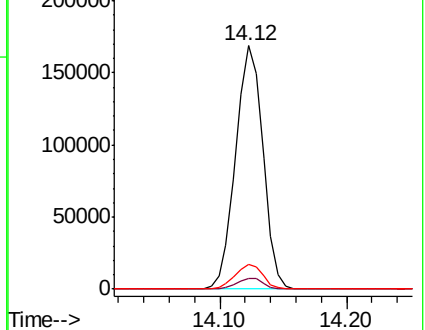
164 10.2 8.2 12.2

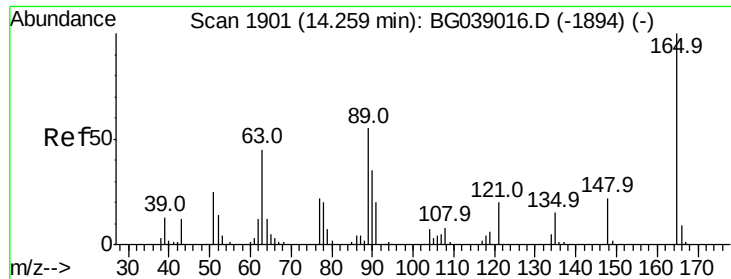


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.743 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampled :

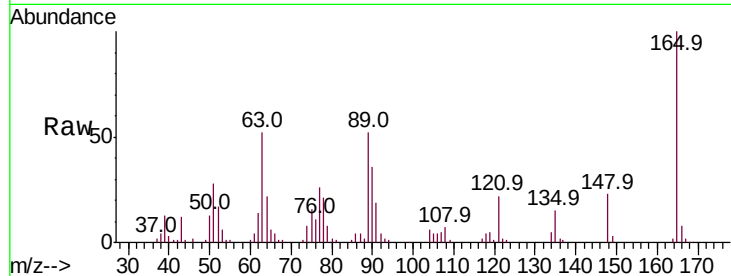
Tot Ion:165 Resp: 56714

Ion Ratio Lower Upper

165 100

63 52.5 43.6 65.4

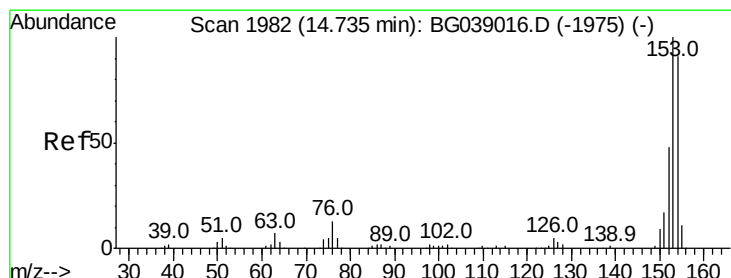
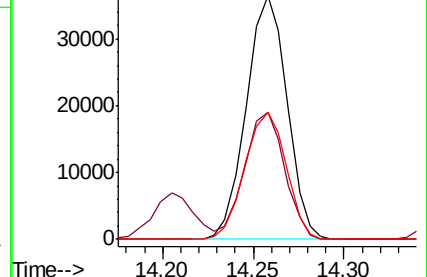
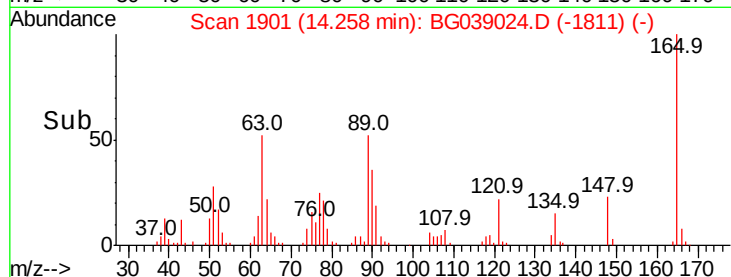
89 52.1 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.481 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

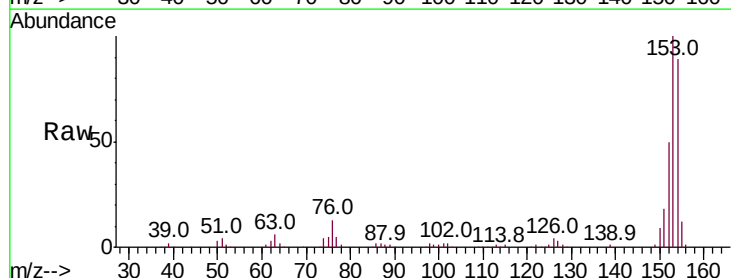
Tgt Ion:154 Resp: 172761

Ion Ratio Lower Upper

154 100

153 111.9 87.9 131.9

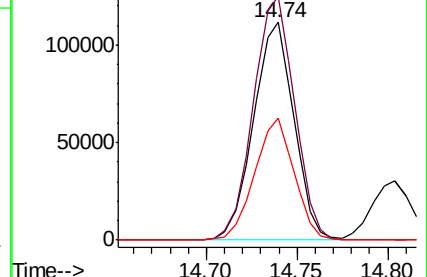
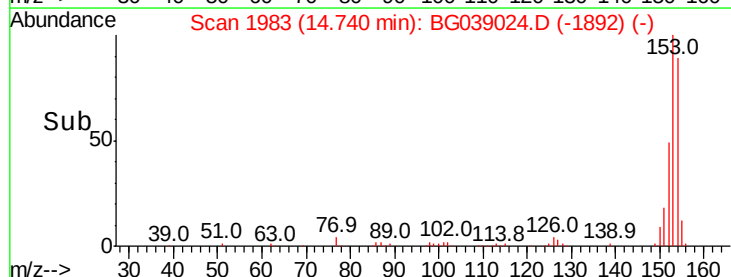
152 55.8 42.2 63.2

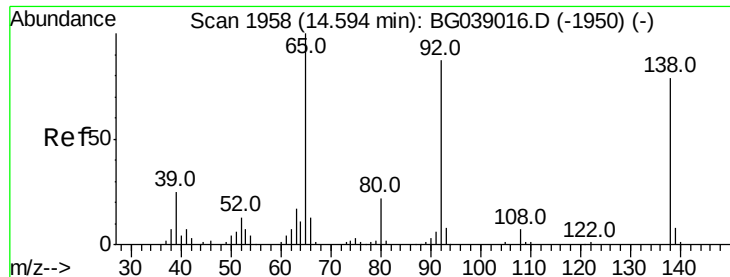


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.663 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

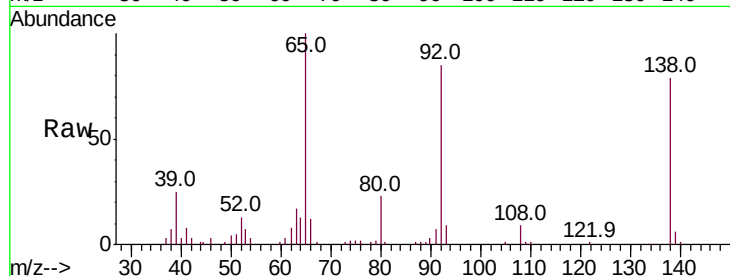
Tot Ion:138 Resp: 41274

Ion Ratio Lower Upper

138 100

108 10.8 7.4 11.0

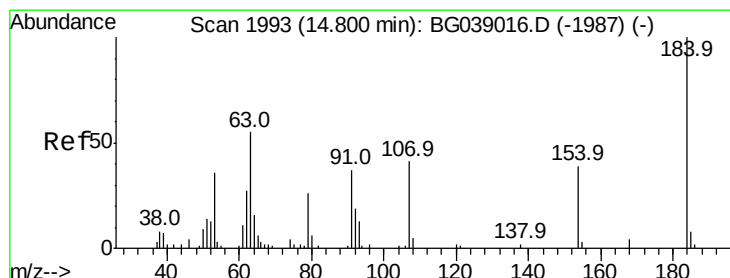
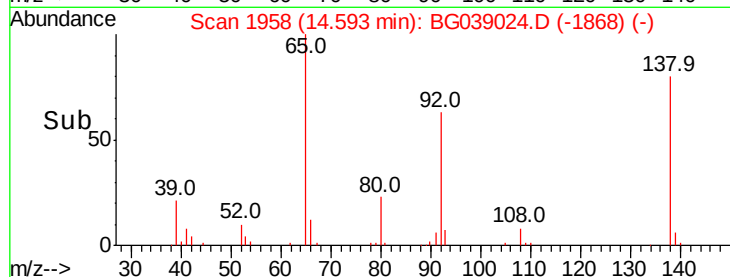
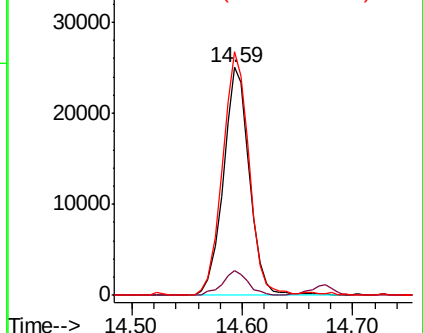
92 106.8 88.2 132.4



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: 98.254 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

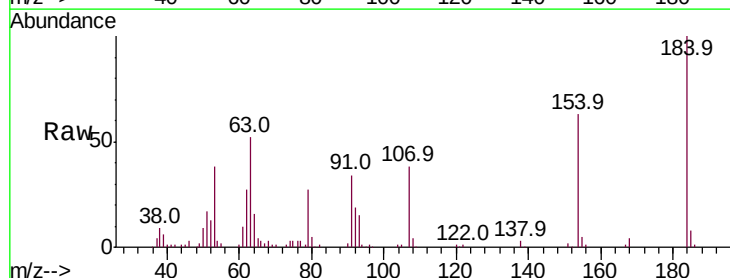
Tgt Ion:184 Resp: 78990

Ion Ratio Lower Upper

184 100

63 52.1 44.0 66.0

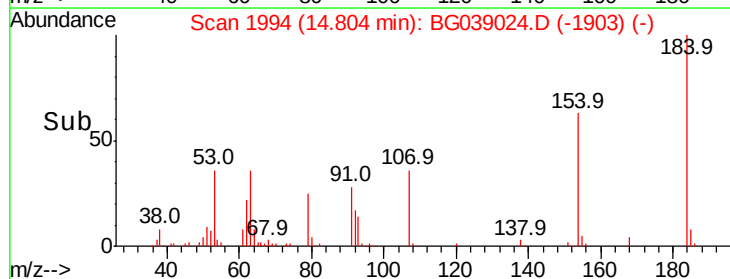
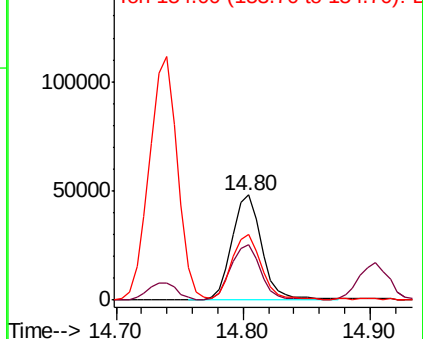
154 62.7 46.1 69.1

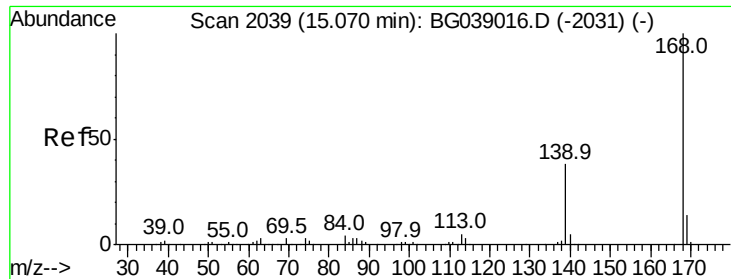


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

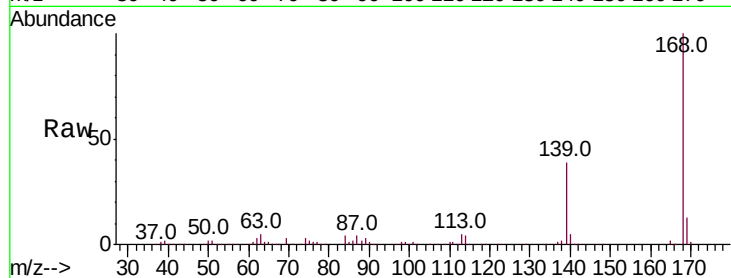




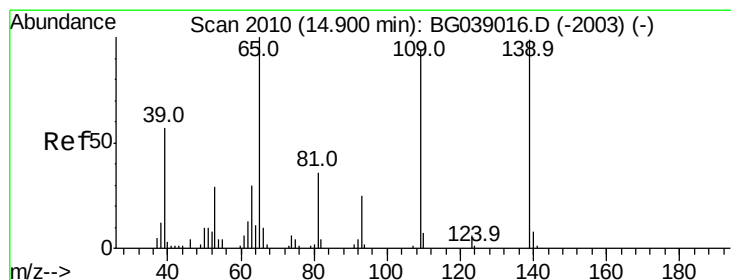
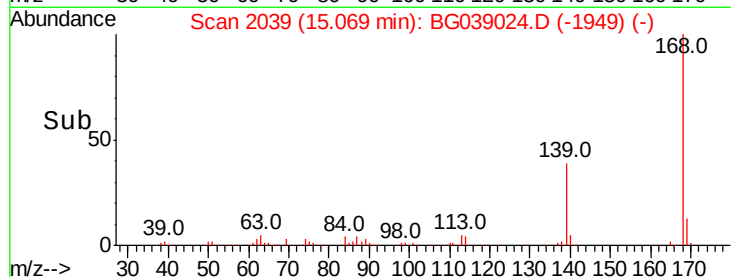
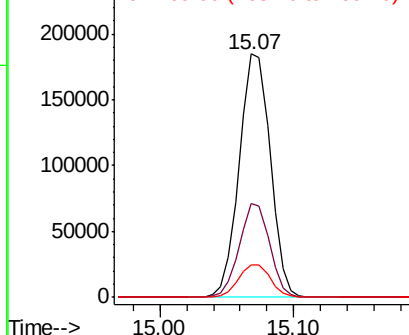
#55
Dibenzenofuran
Concen: 41.272 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 296434
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.2 10.9 16.3

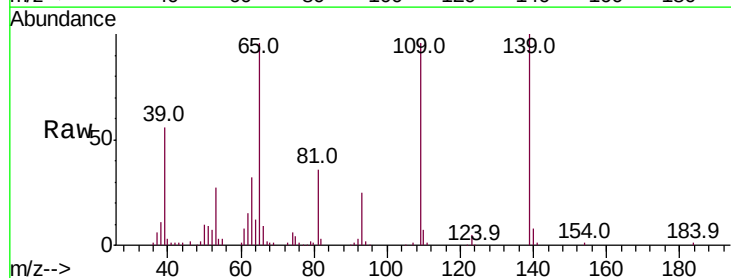


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

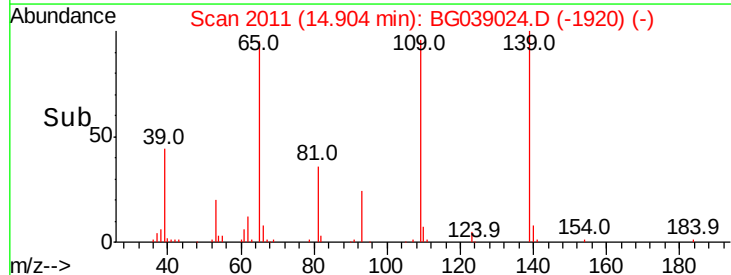
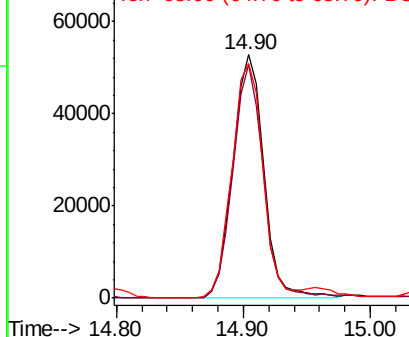


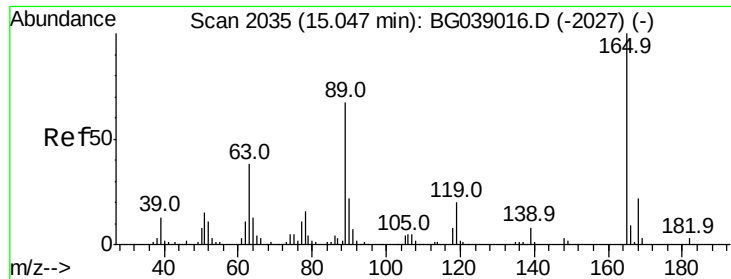
#56
4-Nitrophenol
Concen: 91.963 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:139 Resp: 89067
Ion Ratio Lower Upper
139 100
109 95.7 75.6 115.6
65 96.2 81.2 121.2



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): BGO

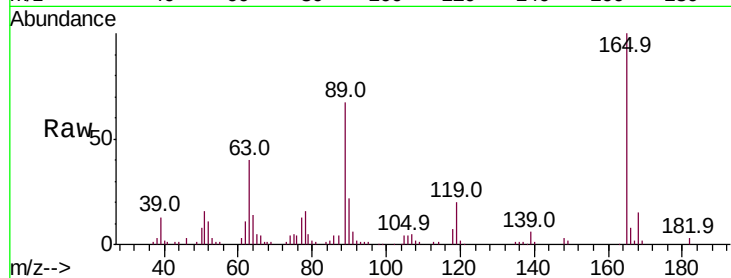




#57
 2,4-Dinitrotoluene
 Concen: 43.136 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	30.2	45.4
89	66.9	53.2	79.8
182	2.9	2.7	4.1



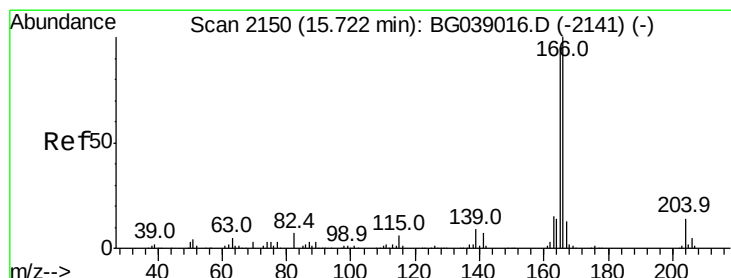
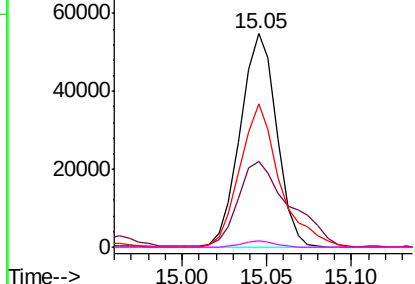
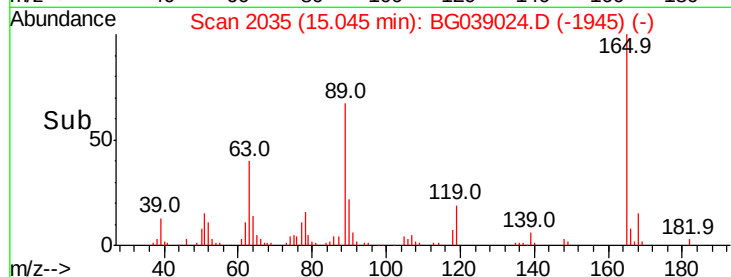
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

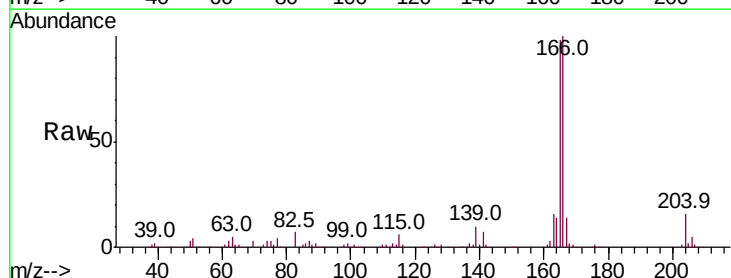
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.569 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.2	114.2
167	14.3	10.6	16.0

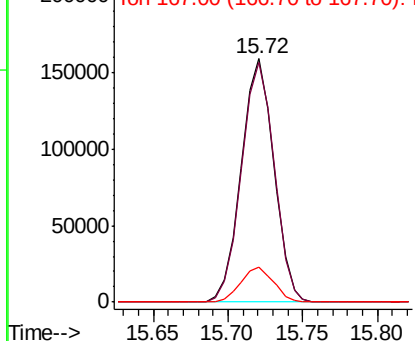
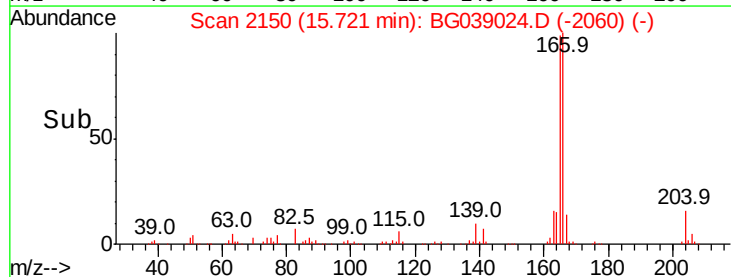


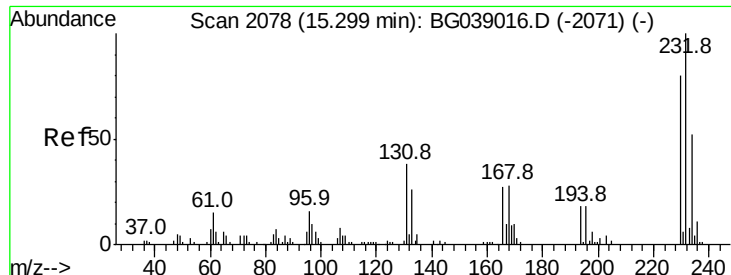
Abundance

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

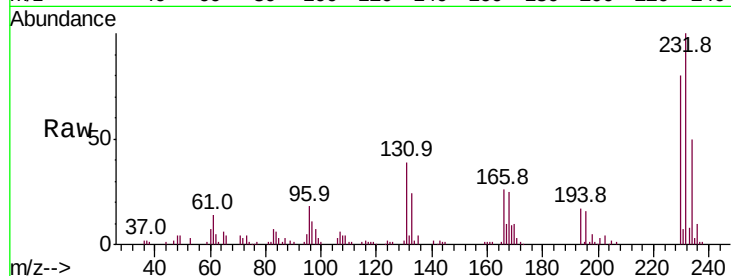




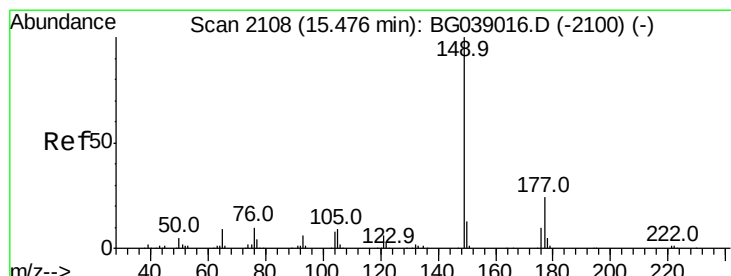
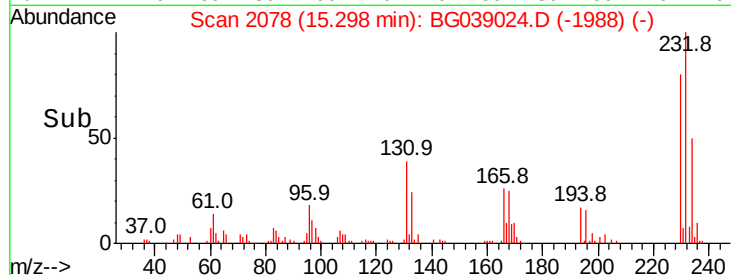
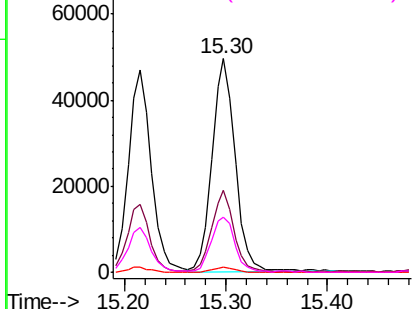
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.382 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 78474
Ion Ratio Lower Upper
232 100
131 37.0 30.9 46.3
130 2.2 1.9 2.9
166 25.8 22.1 33.1

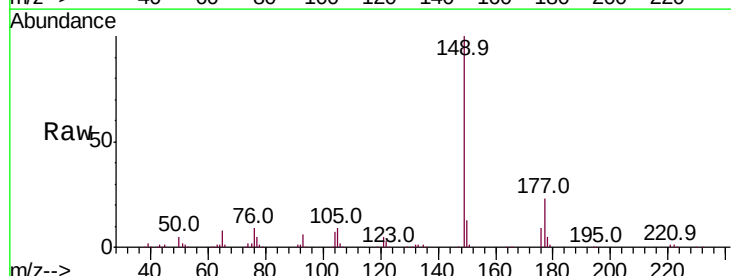


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

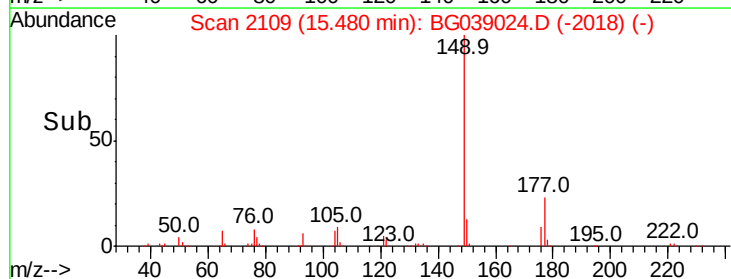
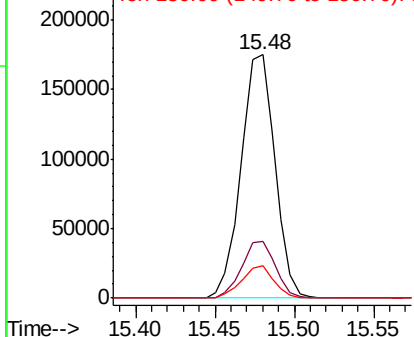


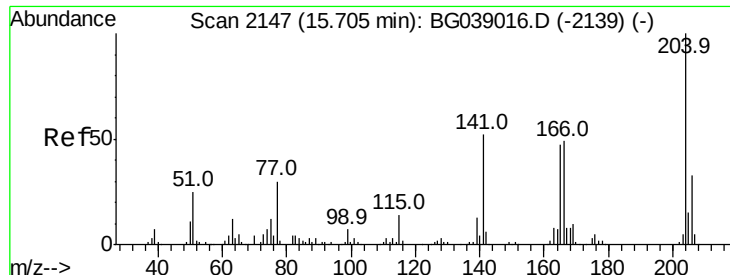
#60
Diethylphthalate
Concen: 42.430 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:149 Resp: 259446
Ion Ratio Lower Upper
149 100
177 23.1 19.0 28.6
150 13.4 10.2 15.4



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

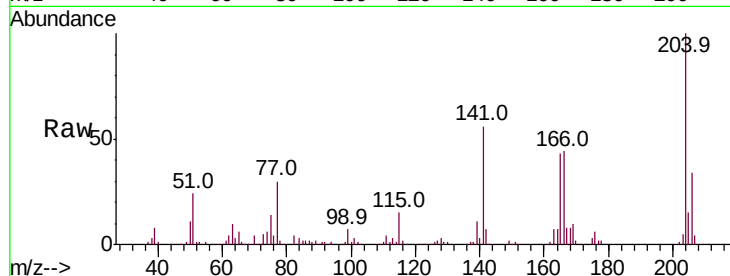




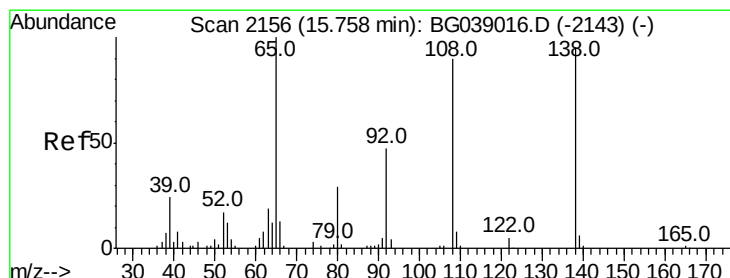
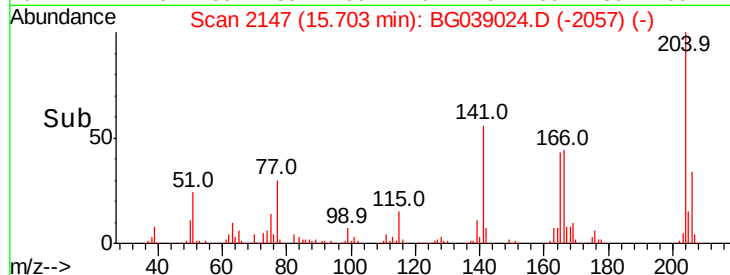
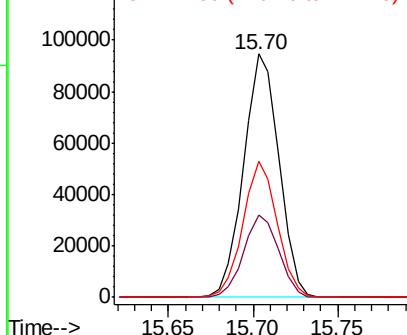
#61
4-Chlorophenyl-phenylether
Concen: 40.474 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 137858
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 56.1 41.4 62.0

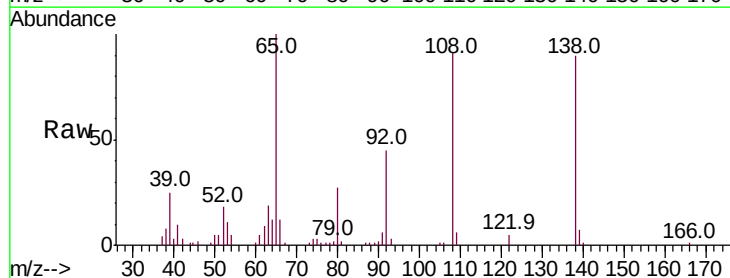


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

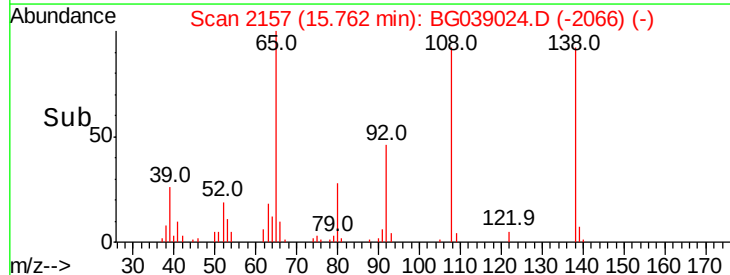
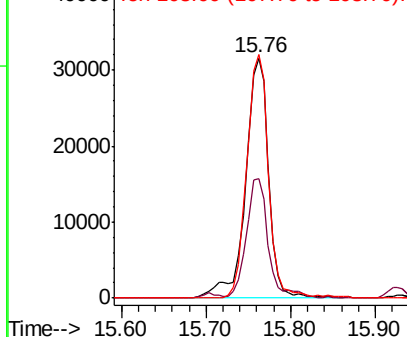


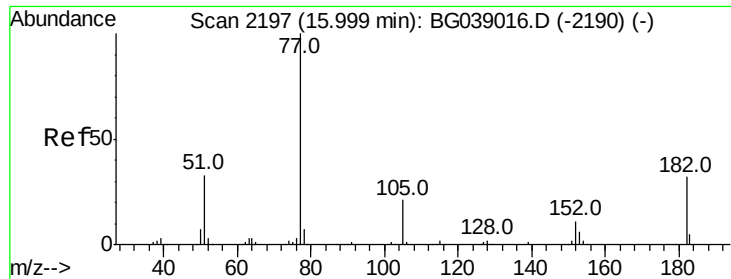
#62
4-Nitroaniline
Concen: 43.040 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:138 Resp: 60351
Ion Ratio Lower Upper
138 100
92 49.7 29.7 69.7
108 101.4 75.7 115.7



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: 41.513 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 198509

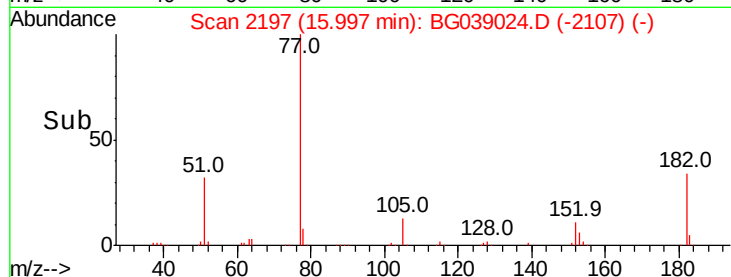
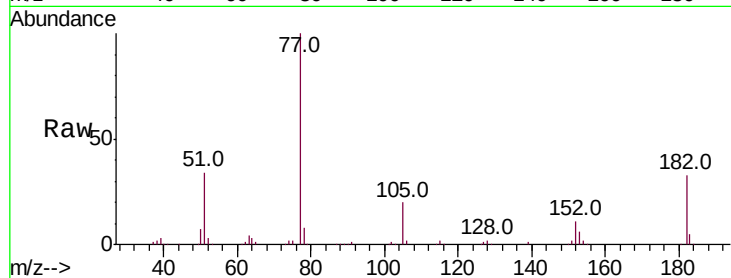
Ion Ratio Lower Upper

77 100

182 32.7 12.2 52.2

105 20.1 1.2 41.2

51 33.7 13.4 53.4

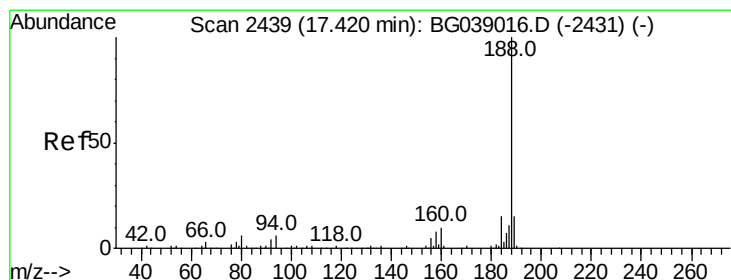
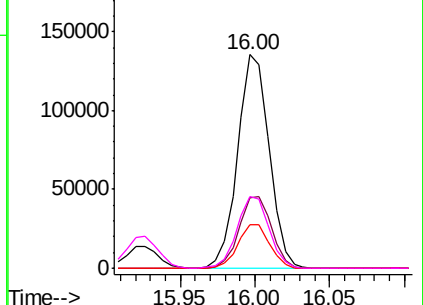


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

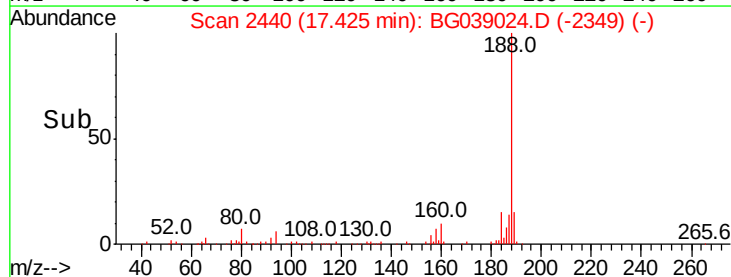
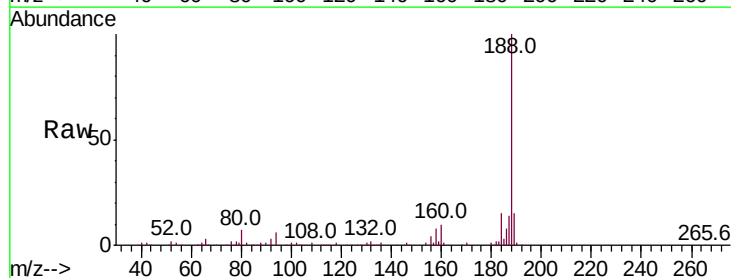
Tgt Ion: 188 Resp: 186202

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

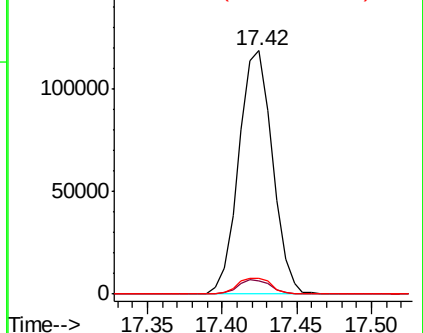
80 6.7 4.7 7.1

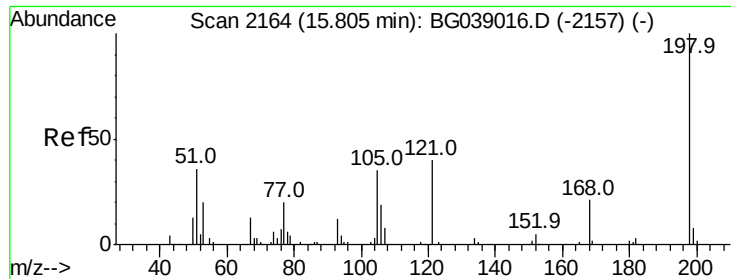


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.634 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

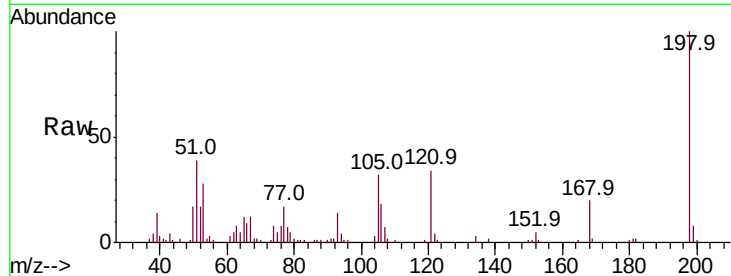
Tot Ion:198 Resp: 56054

Ion Ratio Lower Upper

198 100

51 38.6 20.8 60.8

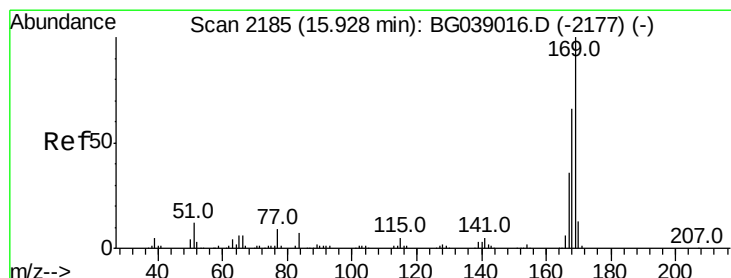
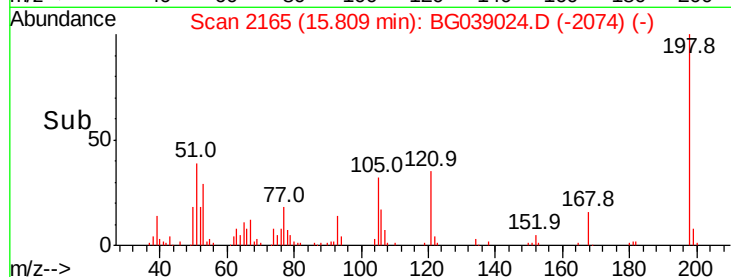
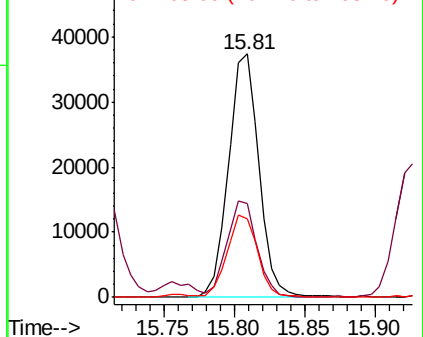
105 32.0 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039016.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.262 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

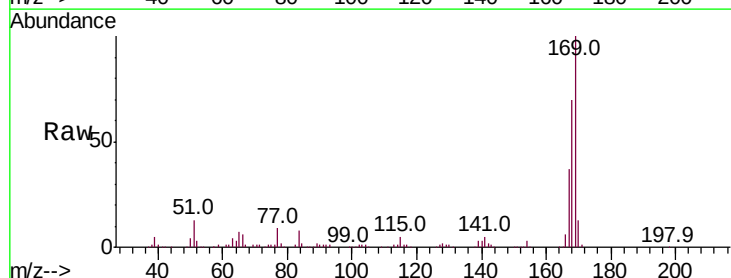
Tgt Ion:169 Resp: 222245

Ion Ratio Lower Upper

169 100

168 70.3 53.2 79.8

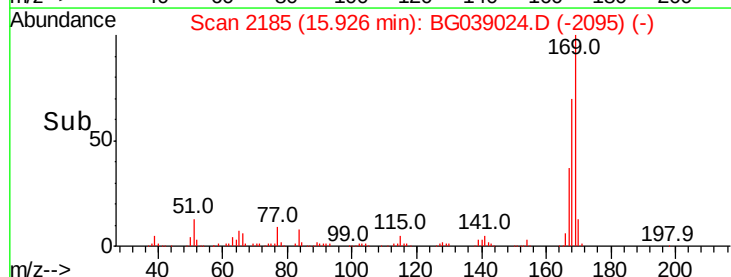
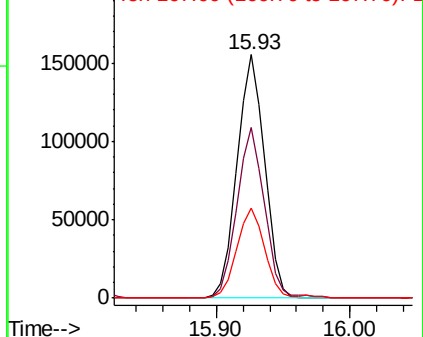
167 36.9 29.1 43.7

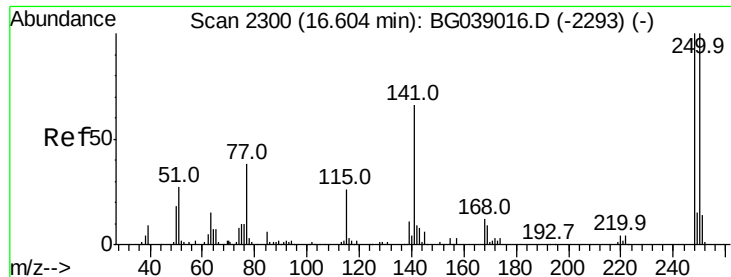


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

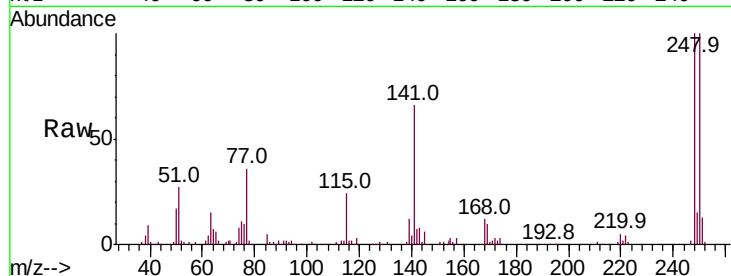




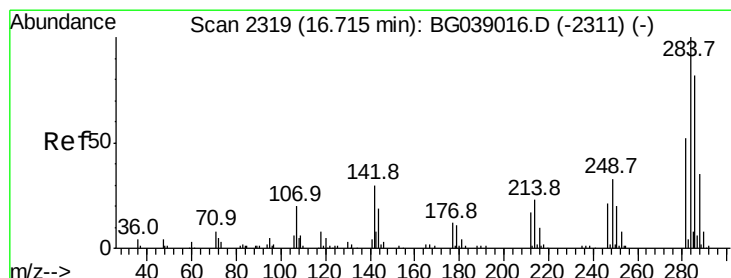
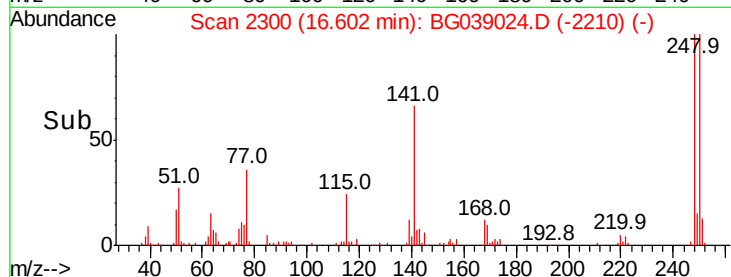
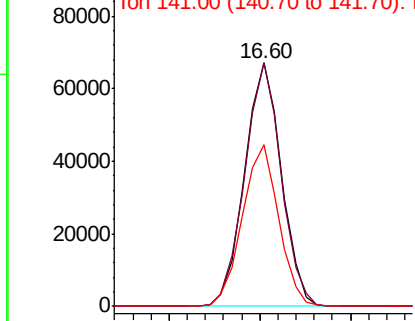
#67
 4-Bromophenyl-phenylether
 Concen: 39.515 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 94581
 Ion Ratio Lower Upper
 248 100
 250 100.1 79.9 119.9
 141 66.2 52.7 79.1

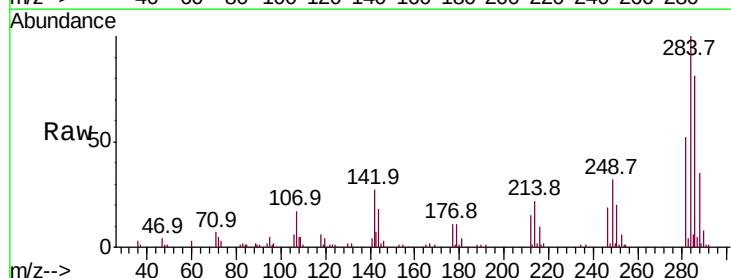


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

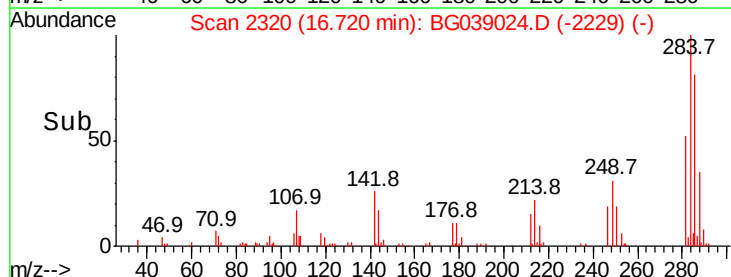
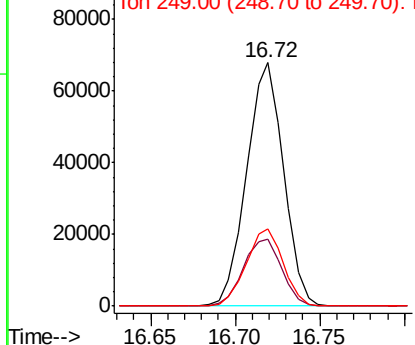


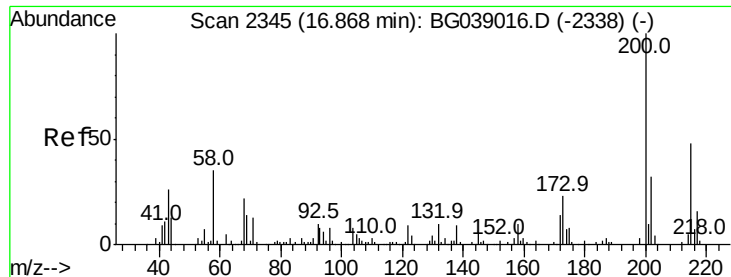
#68
 Hexachlorobenzene
 Concen: 39.383 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion:284 Resp: 102860
 Ion Ratio Lower Upper
 284 100
 142 27.4 24.3 36.5
 249 34.0 27.8 41.8



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





#69

Atrazine

Concen: 40.375 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

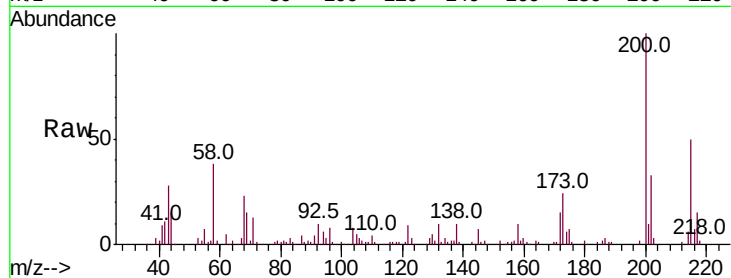
Instrument :

BNA_G

ClientSampleId :

Tot Ion:200 Resp: 94677

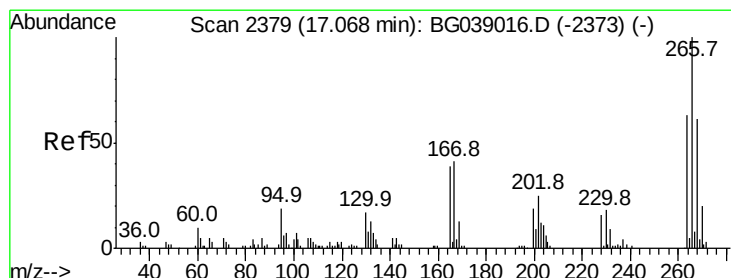
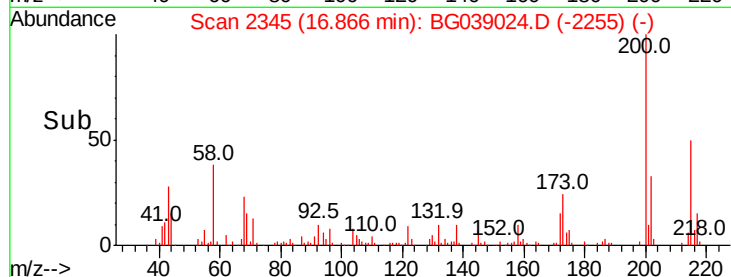
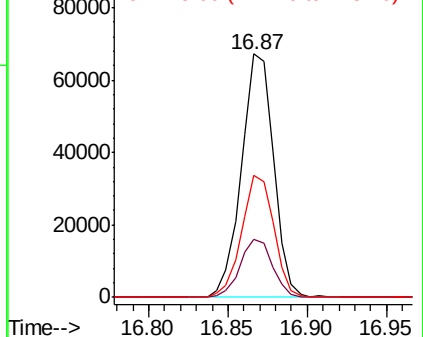
Ion	Ratio	Lower	Upper
200	100		
173	23.9	2.6	42.6
215	50.2	28.0	68.0



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: 71.093 ng

RT: 17.07 min Scan# 2380

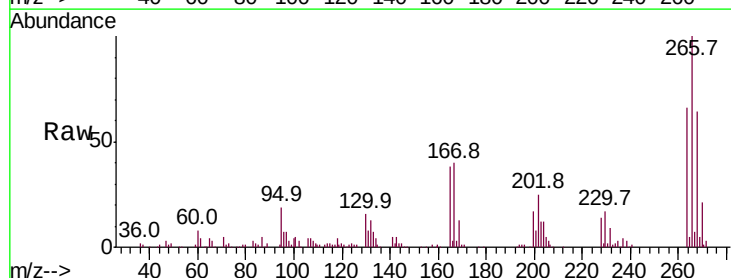
Delta R.T. 0.01 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Tgt Ion:266 Resp: 113600

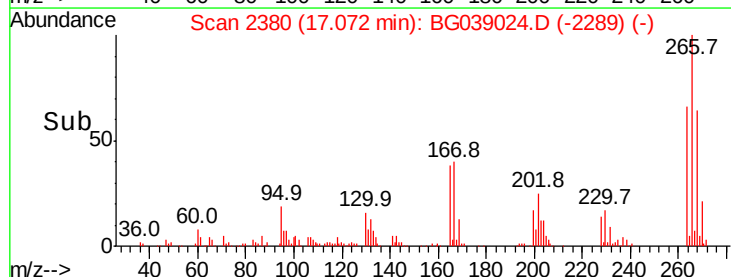
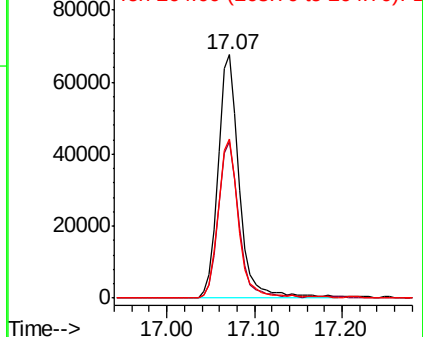
Ion	Ratio	Lower	Upper
266	100		
268	69.0	52.0	78.0
264	65.5	54.6	81.8

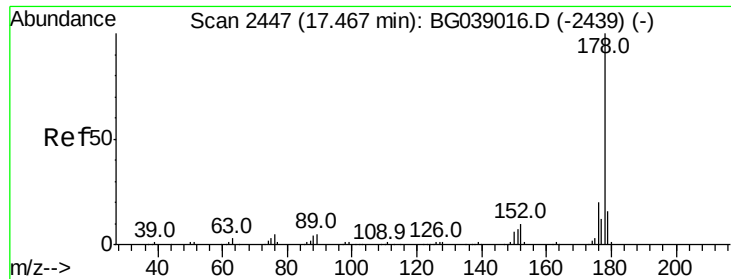


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

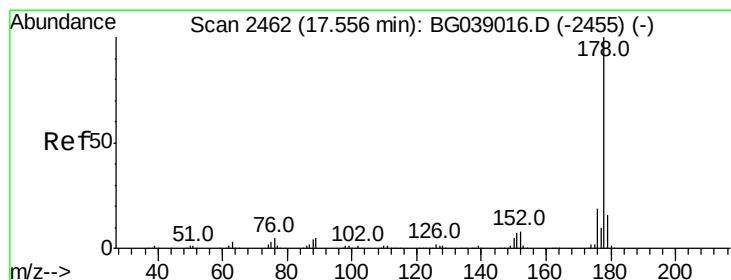
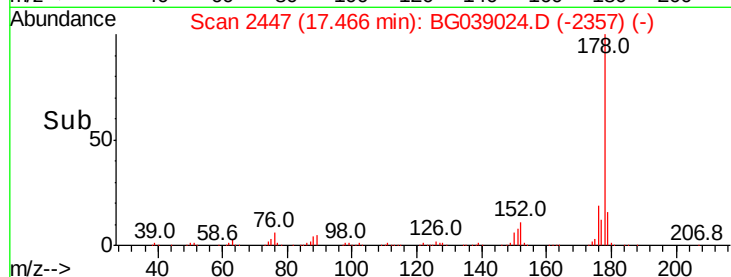
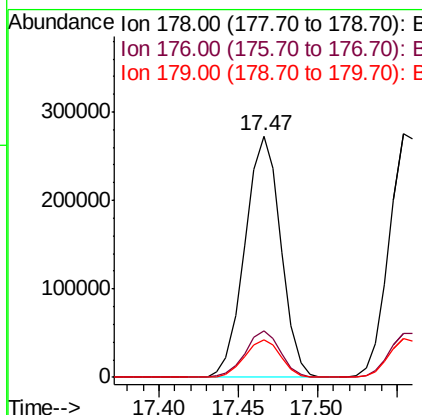
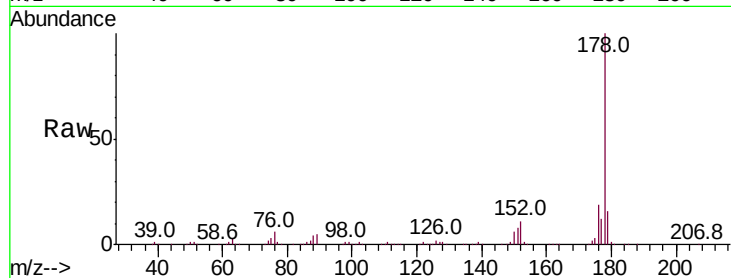




#71
Phenanthrene
Concen: 43.452 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

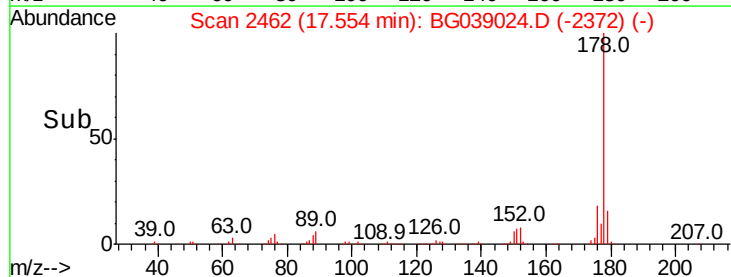
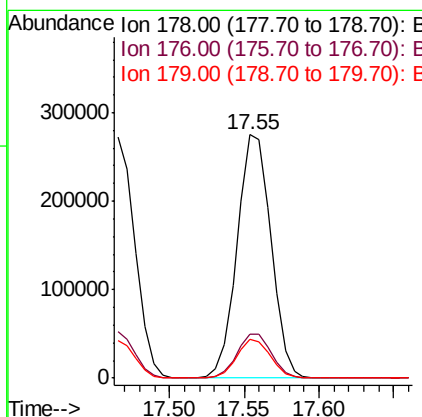
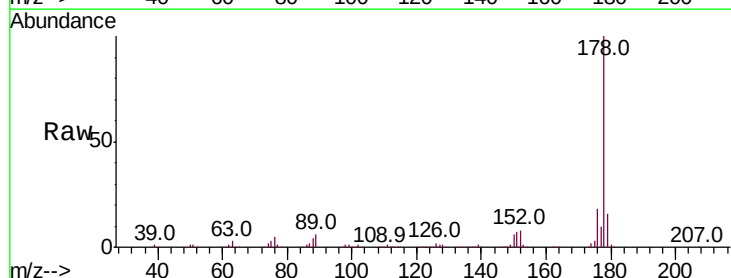
Instrument :
BNA_G
ClientSampleId :

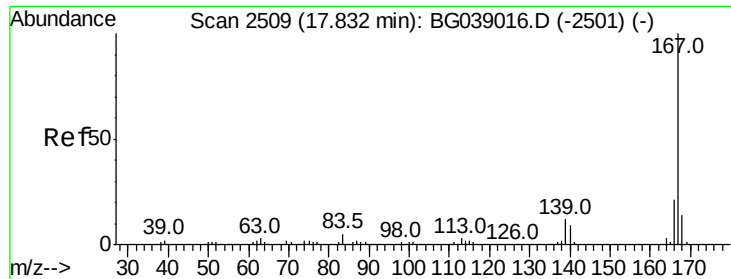
Tot Ion:178 Resp: 427661
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.7 12.9 19.3



#72
Anthracene
Concen: 44.647 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion:178 Resp: 434472
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.9 13.0 19.4

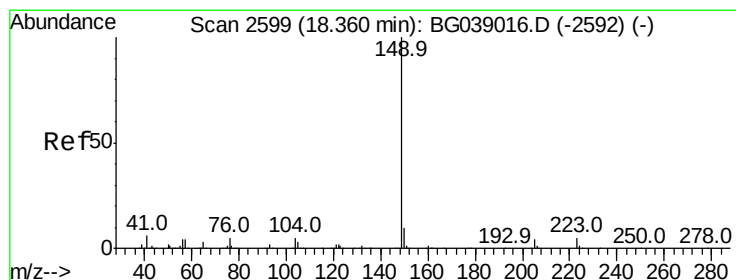
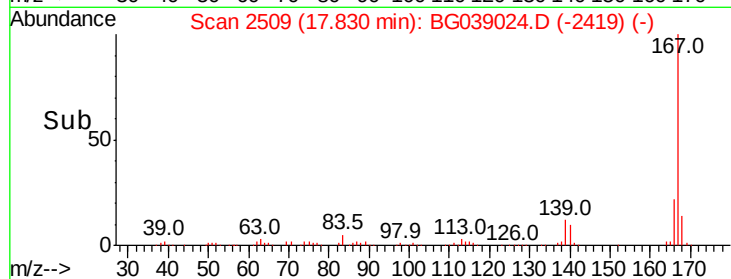
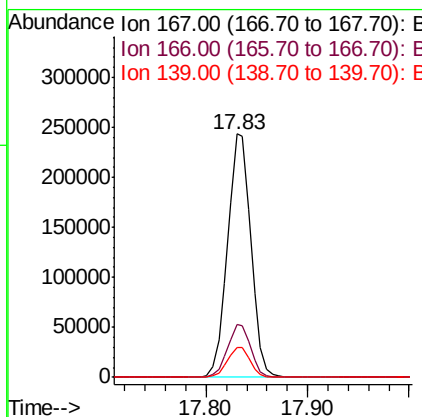
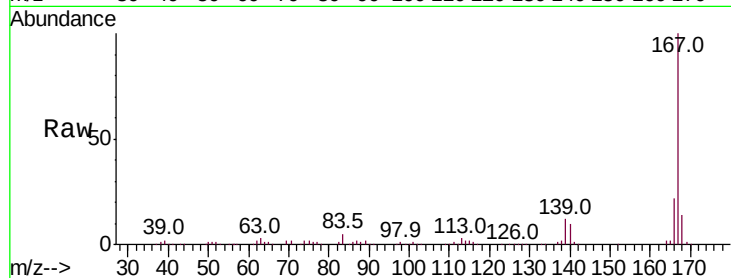




#73
 Carbazole
 Concen: 40.487 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

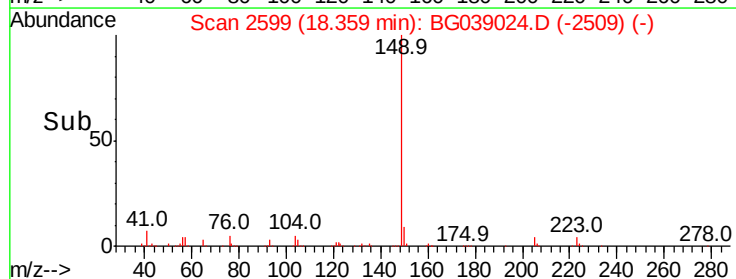
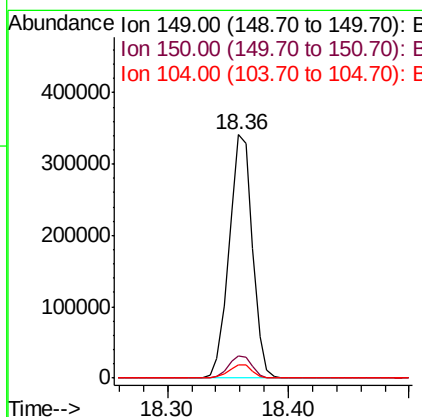
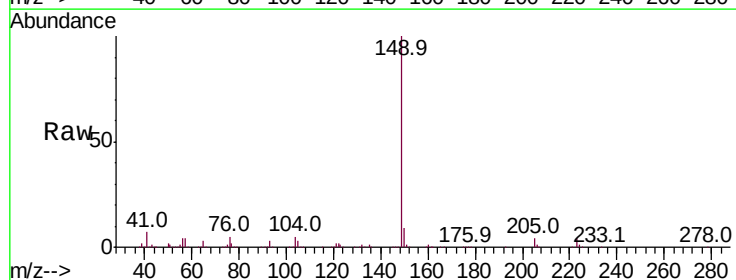
Instrument :
 BNA_G
 ClientSampleId :

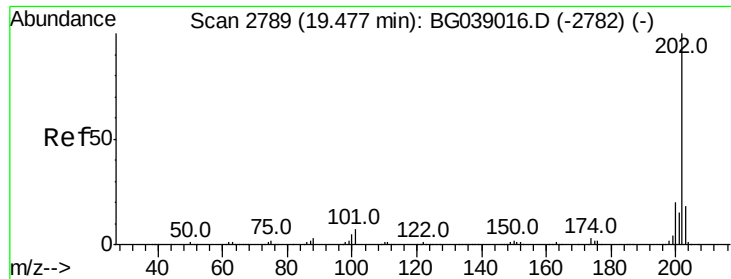
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.9	25.3
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.794 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 44.859 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampled :

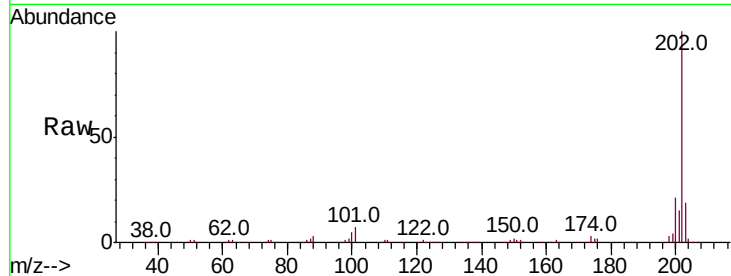
Tot Ion:202 Resp: 547321

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.9

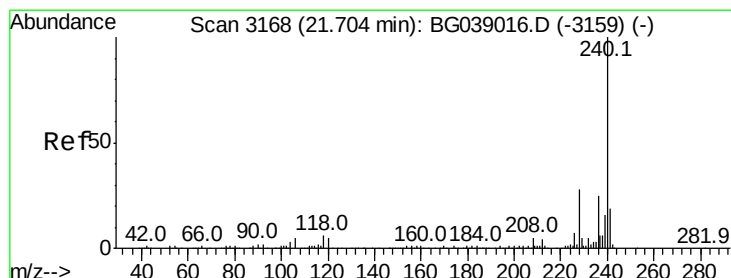
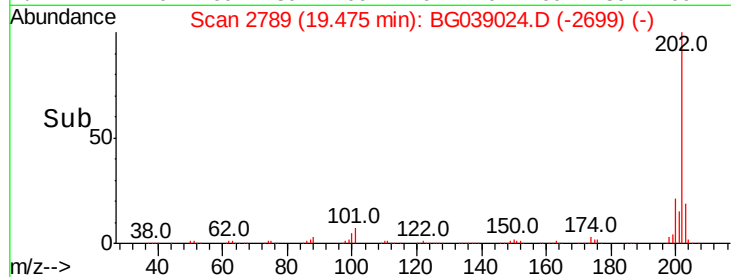
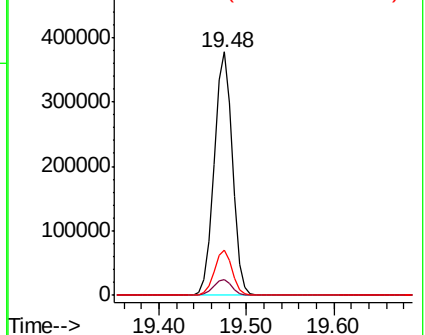
203 18.6 0.0 38.1



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: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

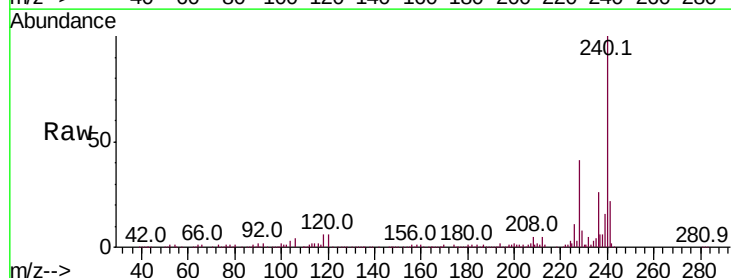
Tgt Ion:240 Resp: 195334

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

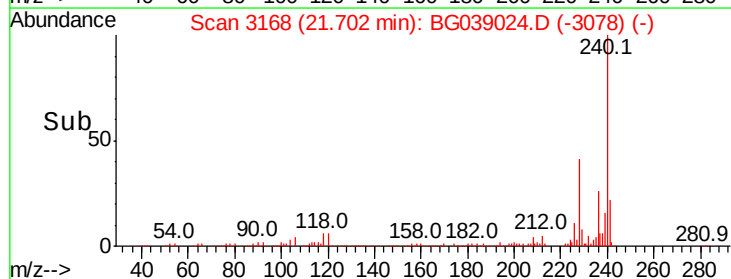
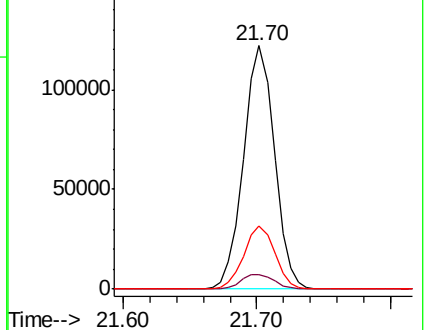
236 25.7 20.1 30.1

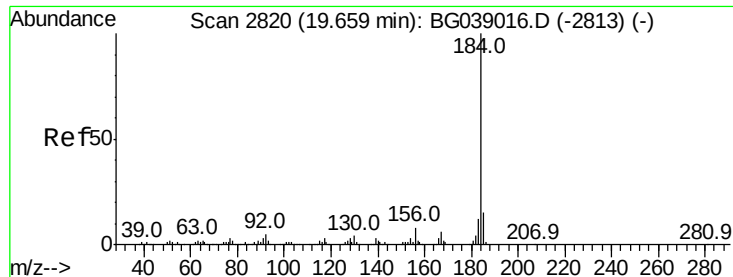


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.008 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

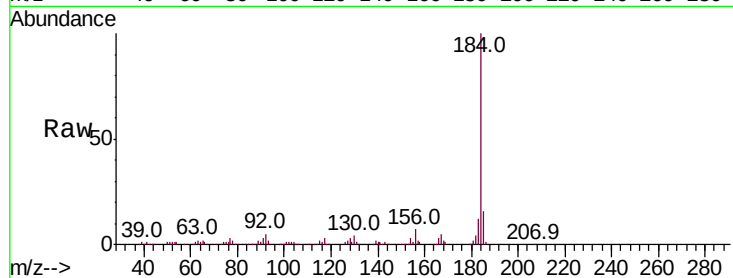
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 197209

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.1	18.1
183	12.0	9.5	14.3

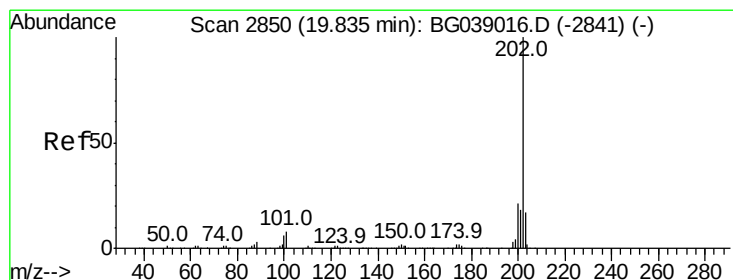
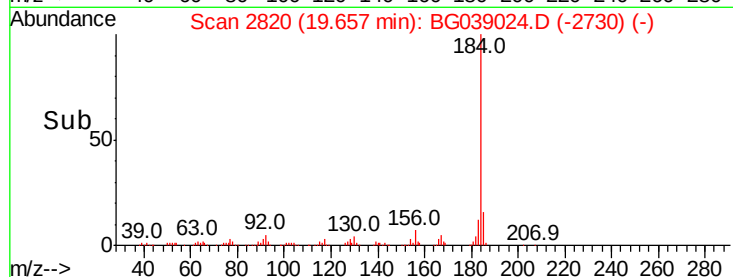
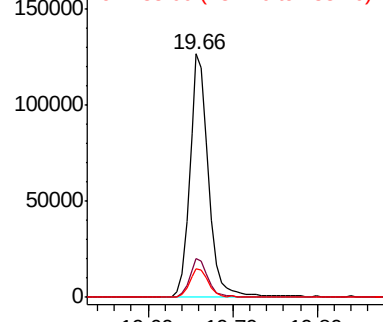


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.599 ng

RT: 19.84 min Scan# 2851

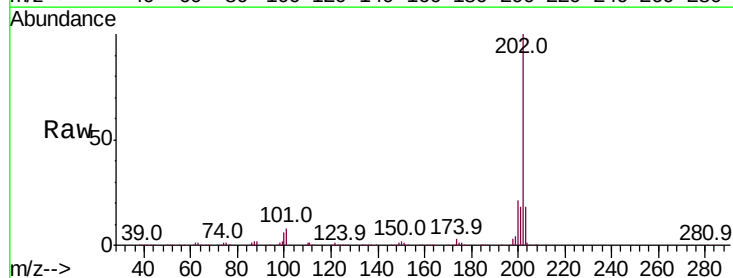
Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Tgt Ion:202 Resp: 542740

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	18.1	14.0	21.0

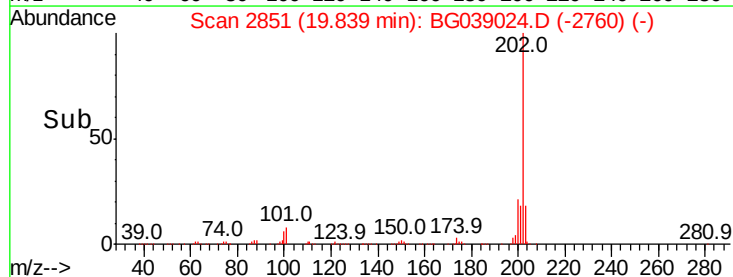
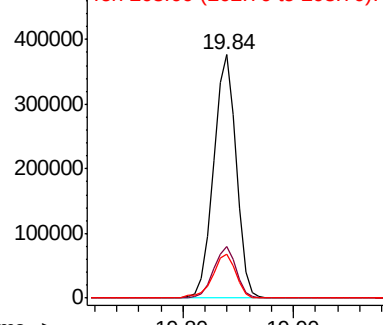


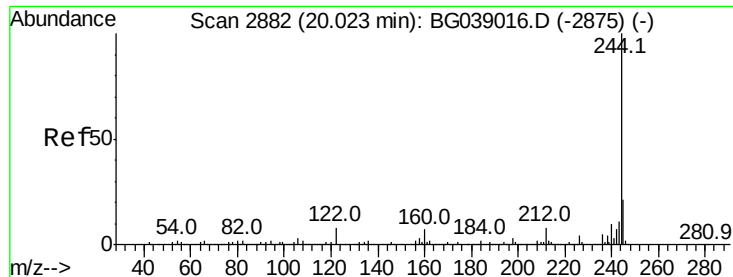
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.210 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

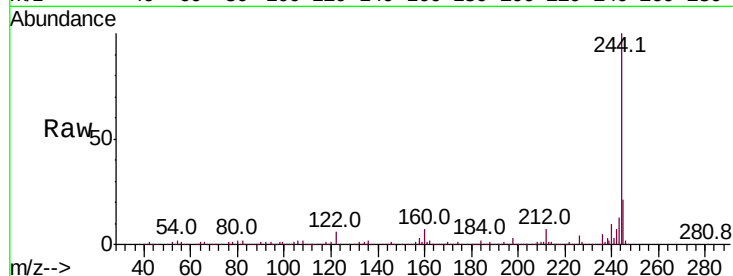
Tot Ion:244 Resp: 751920

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

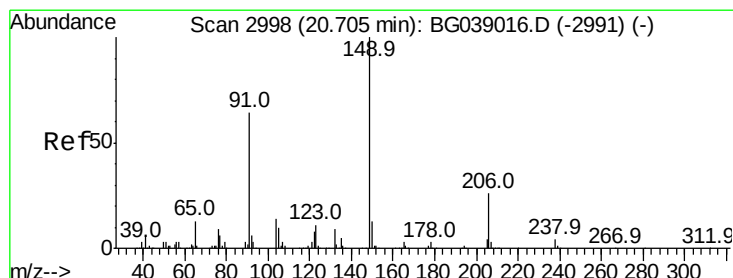
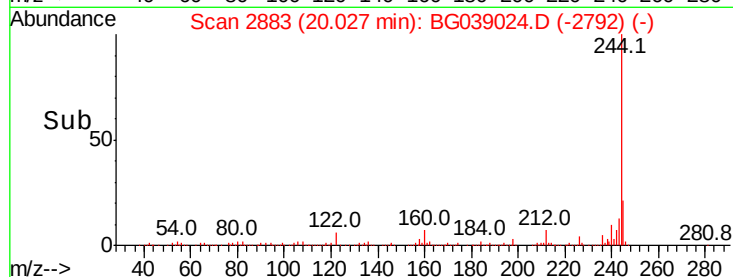
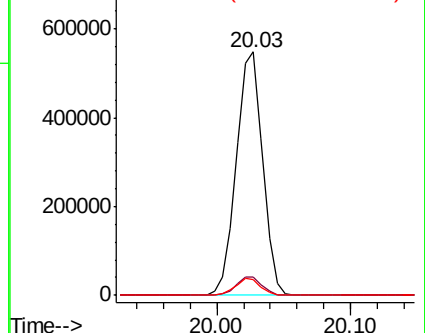
122 6.4 6.1 9.1



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: 43.589 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

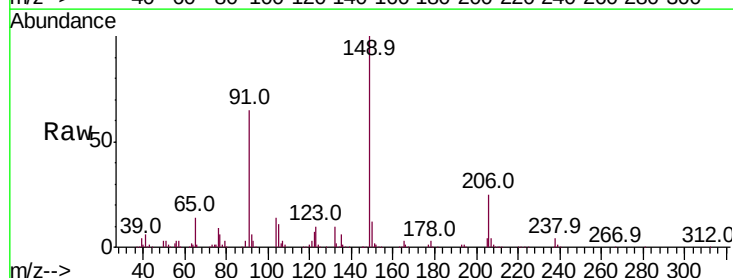
Tgt Ion:149 Resp: 206378

Ion Ratio Lower Upper

149 100

91 65.3 51.4 77.0

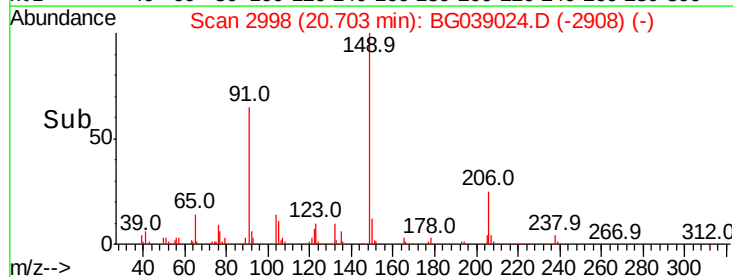
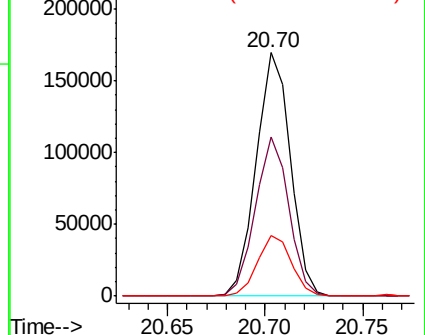
206 24.9 20.4 30.6

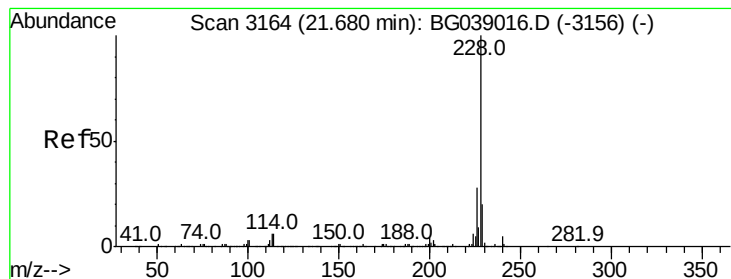


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.642 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

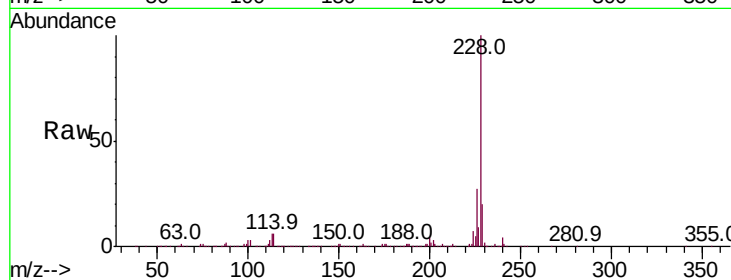
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 530836

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.4	33.6
229	19.6	16.2	24.2

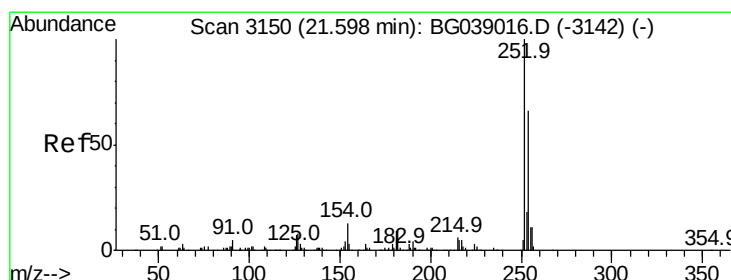
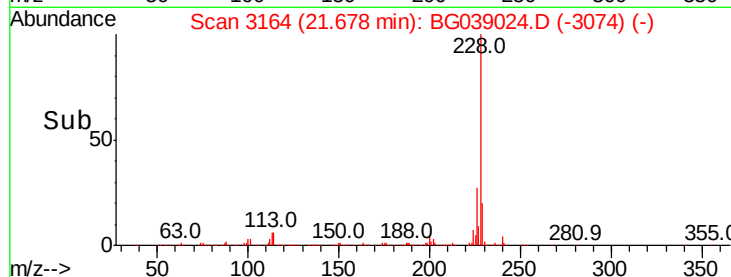
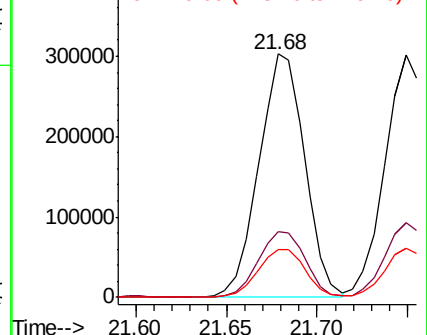


Abundance

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: 33.532 ng

RT: 21.60 min Scan# 3150

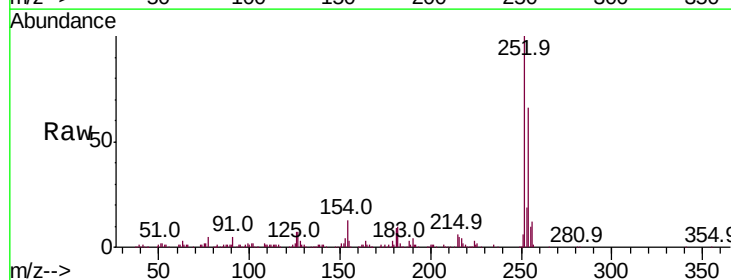
Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Tgt Ion:252 Resp: 162461

Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.0	79.6
126	7.5	6.0	9.0

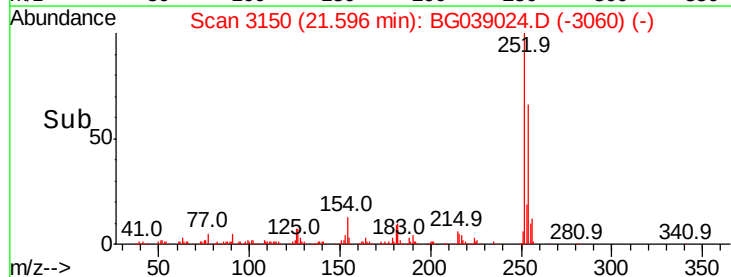
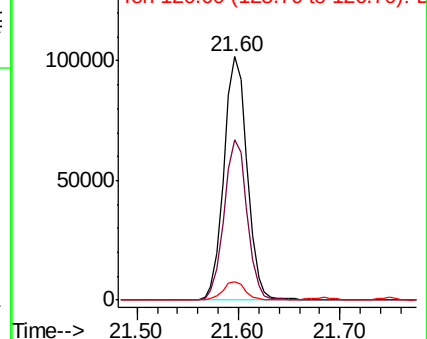


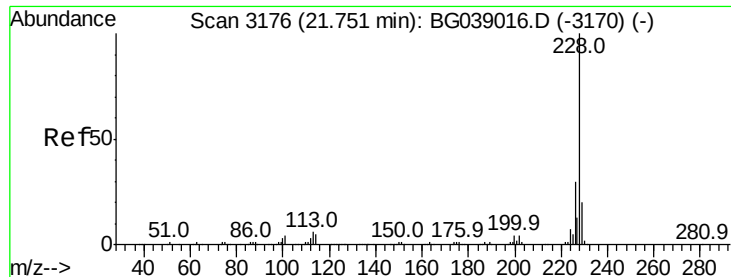
Abundance

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

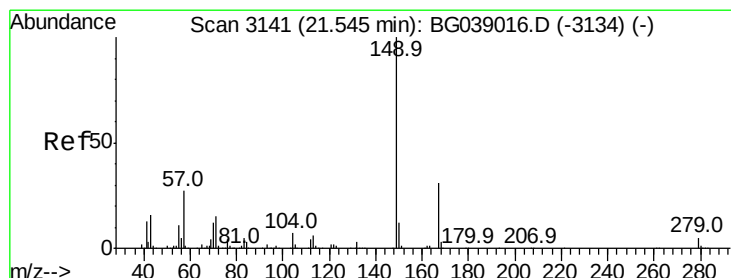
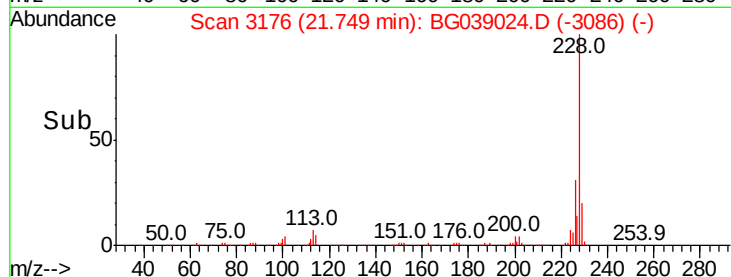
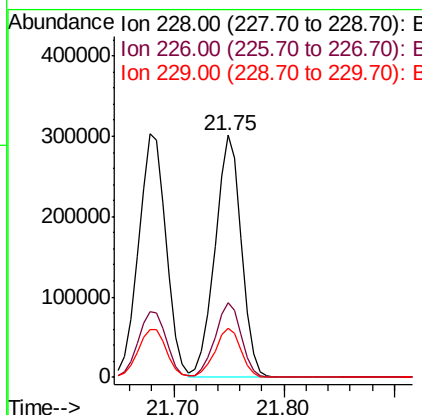
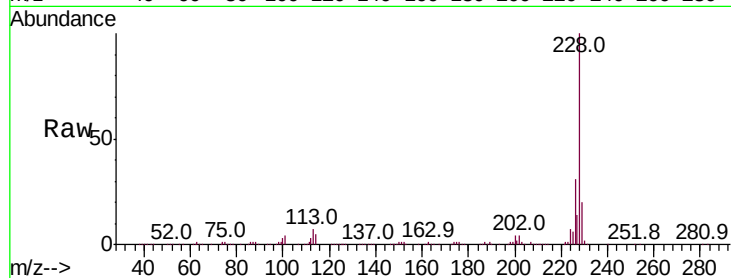




#83
 Chrysene
 Concen: 43.687 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

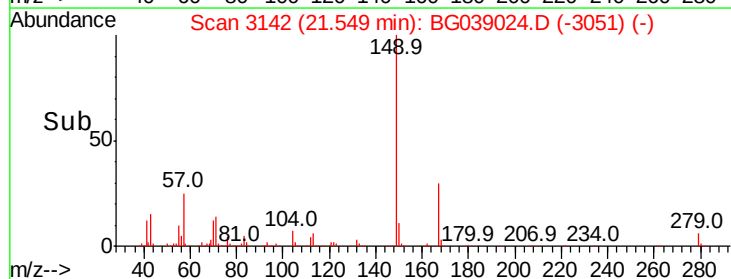
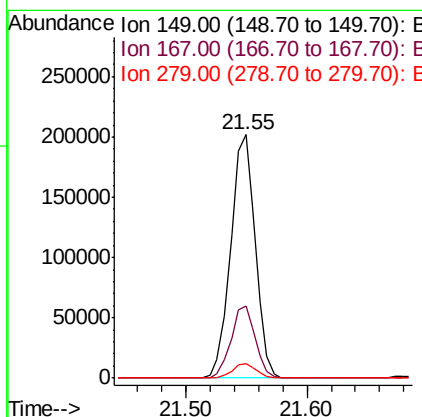
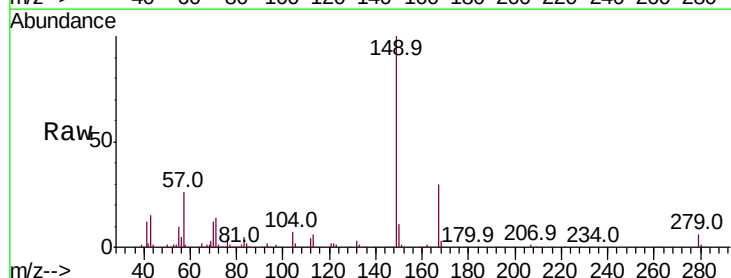
Instrument :
 BNA_G
 ClientSampleId :

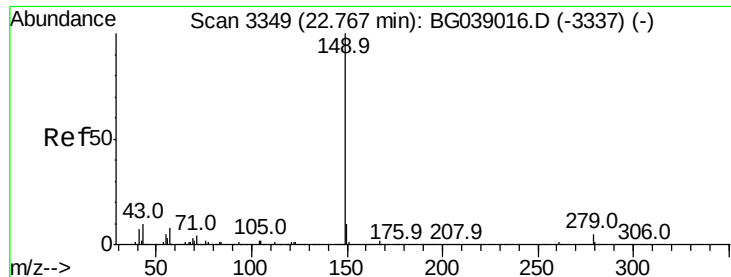
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	20.1	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.376 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG039024.D
 Acq: 9 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	25.0	37.4
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 43.888 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

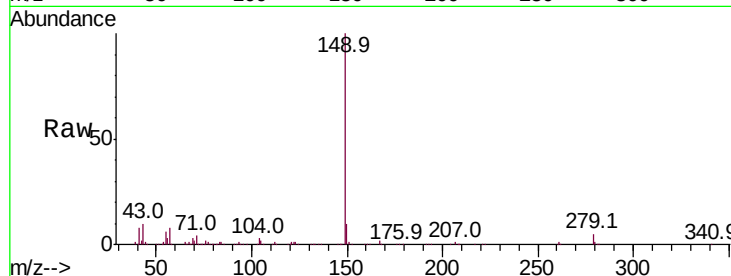
Tot Ion:149 Resp: 487862

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

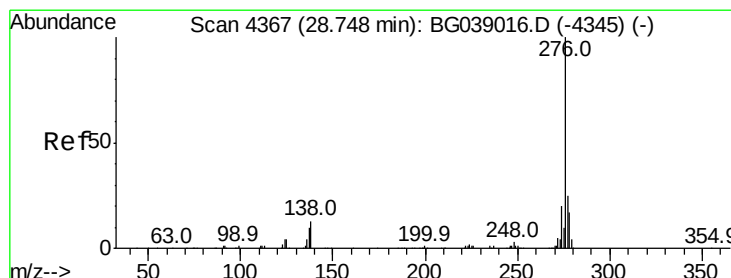
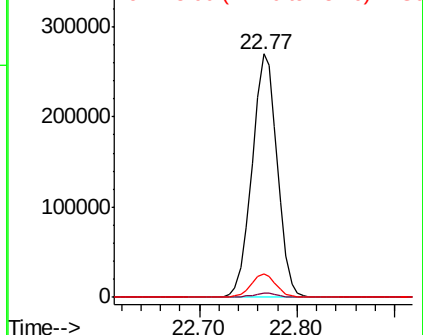
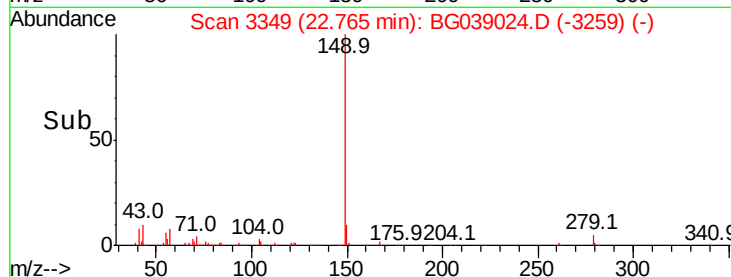
43 9.4 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.533 ng

RT: 28.75 min Scan# 4368

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

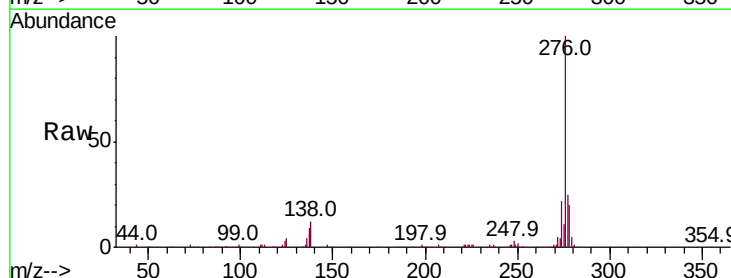
Tgt Ion:276 Resp: 615311

Ion Ratio Lower Upper

276 100

138 11.6 8.0 12.0

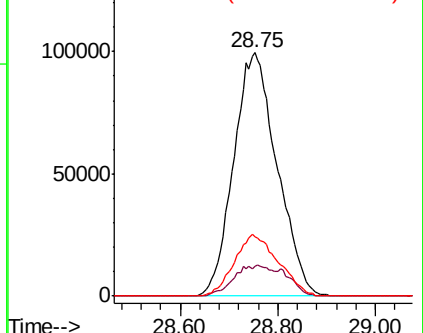
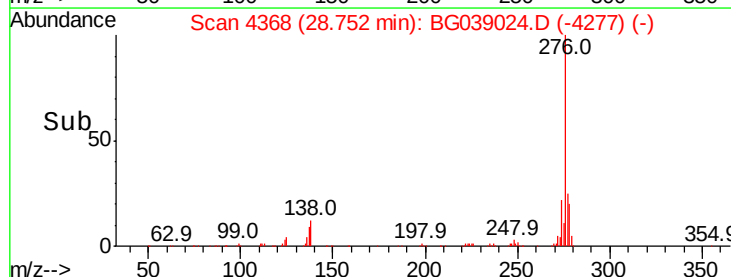
277 25.6 20.3 30.5

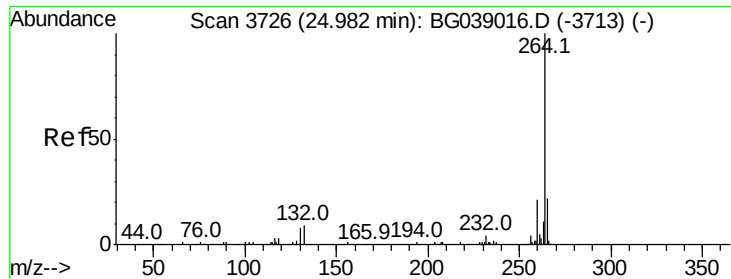


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

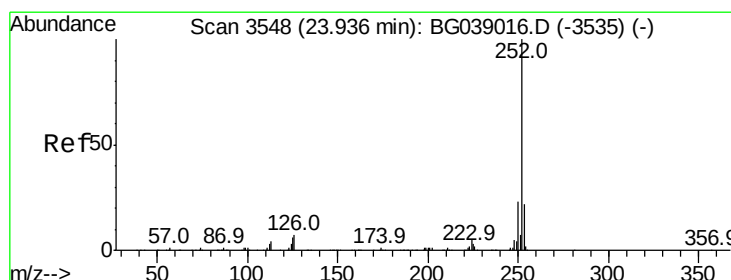
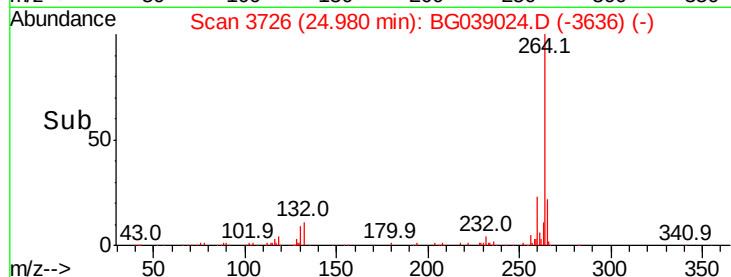
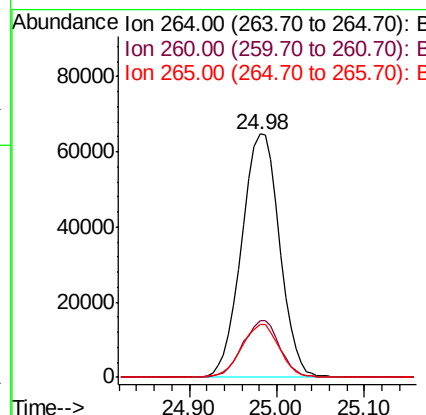
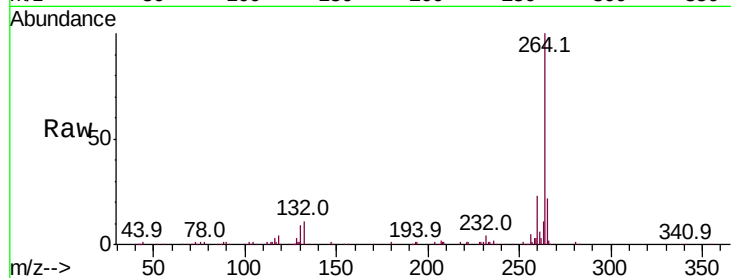




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

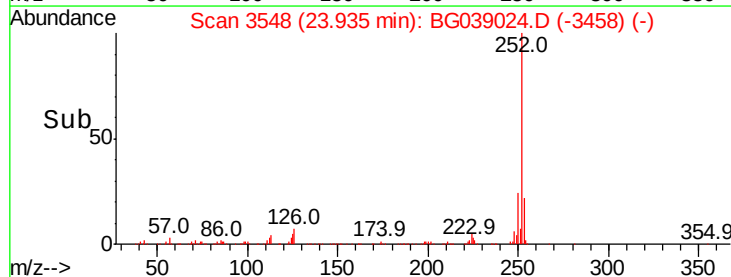
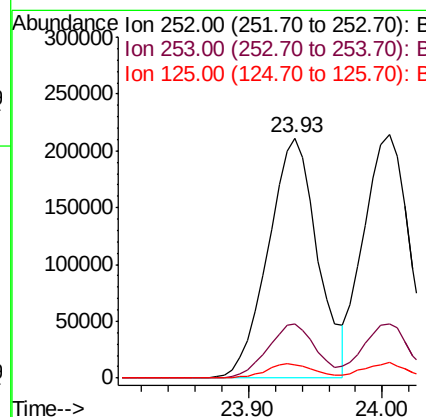
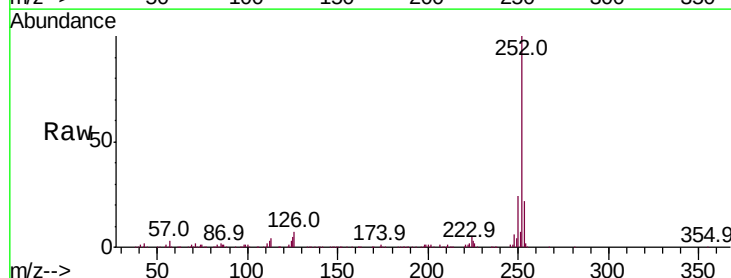
Instrument :
BNA_G
ClientSampleId :

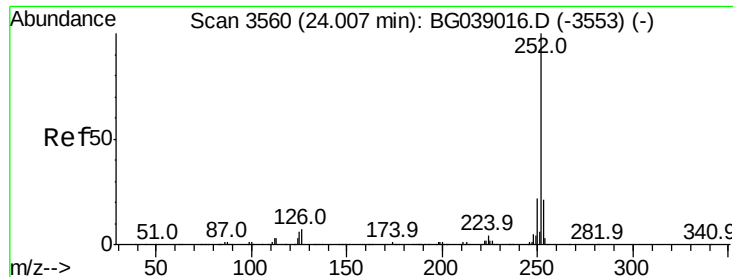
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.0	25.6
265	21.8	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 51.602 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BG039024.D
Acq: 9 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	5.5	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 48.755 ng

RT: 24.01 min Scan# 3560

Delta R.T. -0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

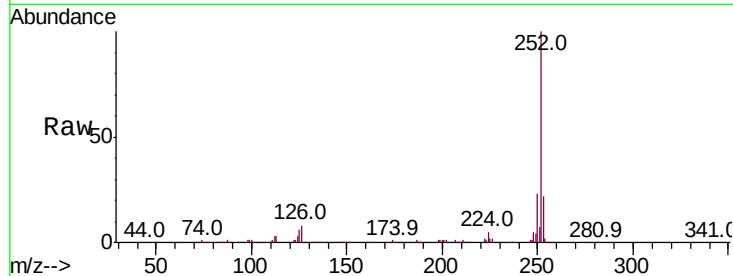
Tot Ion:252 Resp: 507470

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 6.3 4.6 7.0

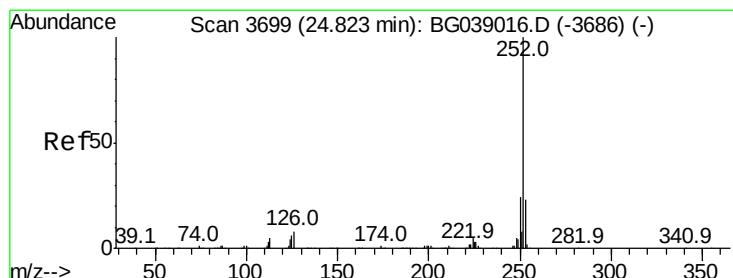
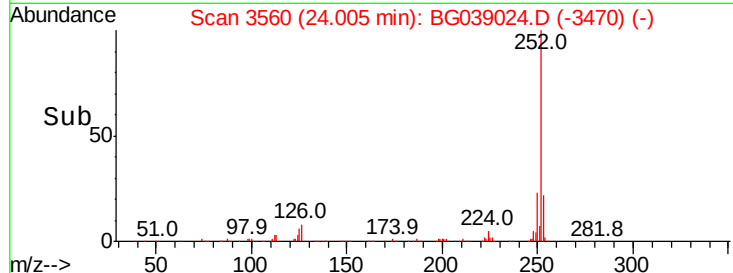
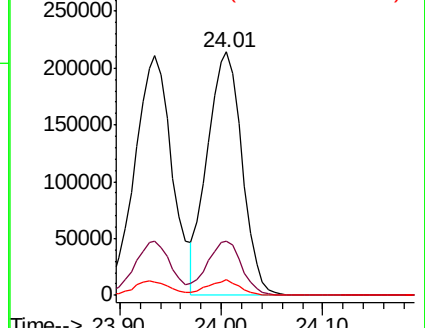


Abundance

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: 51.220 ng

RT: 24.83 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

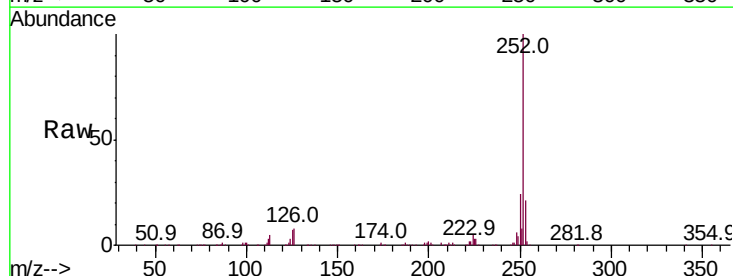
Tgt Ion:252 Resp: 521189

Ion Ratio Lower Upper

252 100

253 21.3 18.3 27.5

125 6.9 4.9 7.3

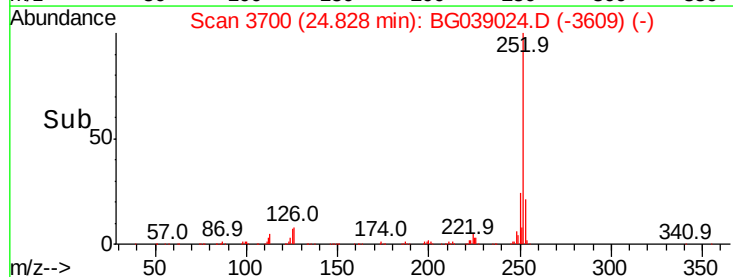
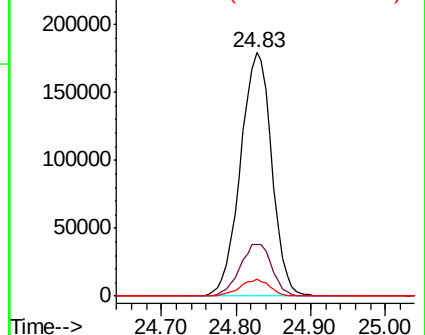


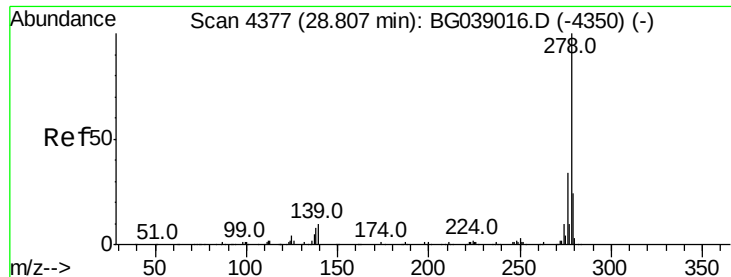
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 51.152 ng

RT: 28.81 min Scan# 4378

Delta R.T. 0.00 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

Instrument :

BNA_G

ClientSampleId :

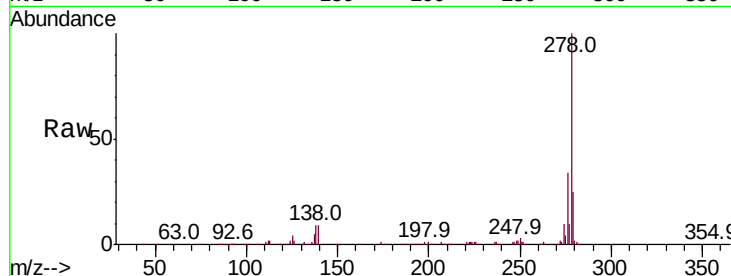
Tot Ion:278 Resp: 517722

Ion Ratio Lower Upper

278 100

139 9.1 7.9 11.9

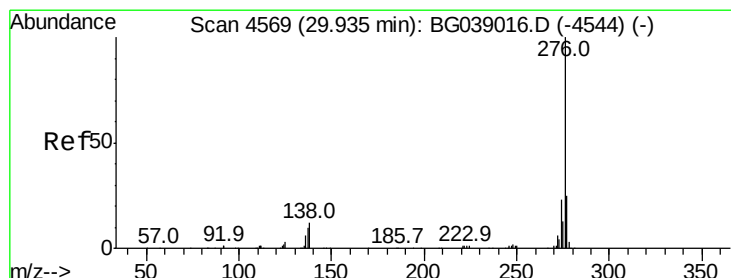
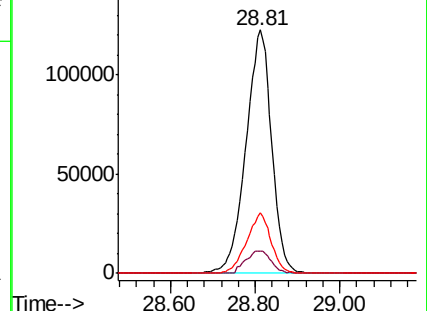
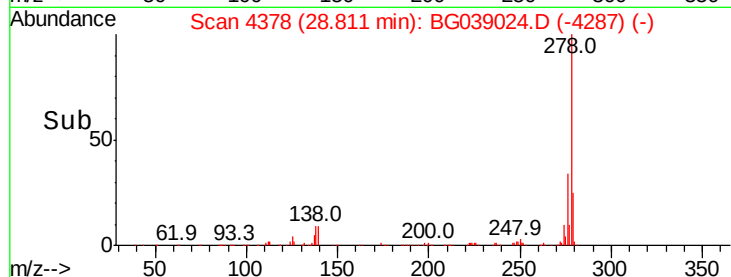
279 24.8 19.3 28.9



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: 51.215 ng

RT: 29.95 min Scan# 4571

Delta R.T. 0.01 min

Lab File: BG039024.D

Acq: 9 Jan 2019 17:12

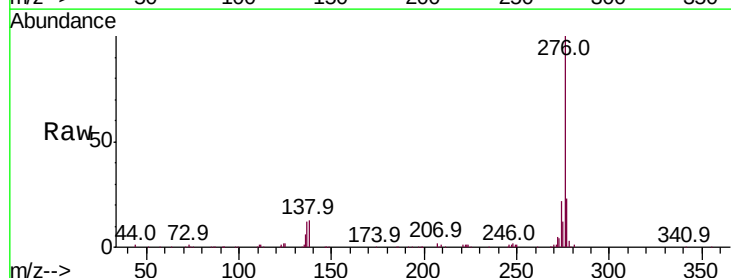
Tgt Ion:276 Resp: 513168

Ion Ratio Lower Upper

276 100

277 23.2 20.3 30.5

138 12.9 9.4 14.2



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

