

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039661.D
 Acq On : 28 Feb 2019 15:42
 Operator : JU/SJ
 Sample : PB117458BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 06:02:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52744	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	255109	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	196715	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	504401	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	382188	20.00	ng	-0.02
87) Perylene-d12	25.20	264	347172	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	523034	169.72	ng	0.00
7) Phenol-d6	7.31	99	772345	170.26	ng	0.00
23) Nitrobenzene-d5	9.34	82	378509	92.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	368815	174.11	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	993342	72.44	ng	-0.02
79) Terphenyl-d14	20.13	244	1528048	84.63	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	42133	31.255	ng	100
3) Pyridine	4.00	79	126837	35.538	ng	95
4) n-Nitrosodimethylamine	3.92	42	71643	40.138	ng	90
6) Aniline	7.49	93	176028	30.980	ng	99
8) 2-Chlorophenol	7.73	128	171546	50.925	ng	96
9) Benzaldehyde	7.31	77	47717	17.563	ng	96
10) Phenol	7.34	94	237155	50.153	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	154470	41.341	ng	96
12) 1,3-Dichlorobenzene	8.05	146	156706	38.401	ng	97
13) 1,4-Dichlorobenzene	8.20	146	162620	39.981	ng	98
14) 1,2-Dichlorobenzene	8.52	146	159328	40.464	ng	98
15) Benzyl Alcohol	8.40	79	164824	46.282	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	292675	34.686	ng	98
17) 2-Methylphenol	8.60	107	158634	51.840	ng	98
18) Hexachloroethane	9.25	117	57417	41.031	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	134564	41.795	ng	93
20) 3+4-Methylphenols	8.92	107	218884	51.944	ng	98
22) Acetophenone	8.99	105	253140	36.940	ng	# 95
24) Nitrobenzene	9.39	77	198648	45.028	ng	97
25) Isophorone	9.90	82	394829	43.631	ng	98
26) 2-Nitrophenol	10.09	139	102528	56.195	ng	97
27) 2,4-Dimethylphenol	10.13	122	189252	51.699	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	239833	43.028	ng	99
29) 2,4-Dichlorophenol	10.63	162	204479	51.109	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	186133	41.439	ng	96
31) Naphthalene	11.04	128	538074	42.516	ng	99
32) Benzoic acid	10.28	122	116357	48.440	ng	96
33) 4-Chloroaniline	11.15	127	152406	25.972	ng	96
34) Hexachlorobutadiene	11.30	225	116658	39.053	ng	95
35) Caprolactam	11.94	113	54534	32.940	ng	# 88
36) 4-Chloro-3-methylphenol	12.25	107	234533	50.689	ng	100
37) 2-Methylnaphthalene	12.63	142	435252	46.434	ng	97
38) 1-Methylnaphthalene	12.85	142	416012	46.041	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	243001	38.825	ng	99

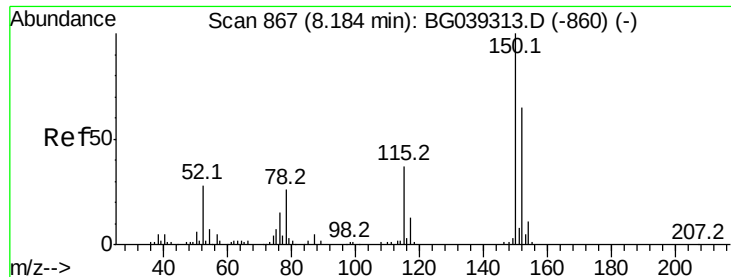
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
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 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	264150	77.450	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	180602	46.930	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	196316	48.673	nq	98
46) 1,1'-Biphenyl	13.62	154	604383	36.927	nq	99
47) 2-Chloronaphthalene	13.68	162	474686	38.553	nq	99
48) 2-Nitroaniline	13.88	65	173295	48.823	nq	94
49) Acenaphthylene	14.52	152	777884	41.869	nq	99
50) Dimethylphthalate	14.24	163	663797	41.781	nq	99
51) 2,6-Dinitrotoluene	14.37	165	154971	51.618	nq	96
52) Acenaphthene	14.86	154	475724	39.447	nq	99
53) 3-Nitroaniline	14.70	138	113251	36.874	nq	# 94
54) 2,4-Dinitrophenol	14.90	184	125619	90.080	nq	93
55) Dibenzofuran	15.19	168	795306	41.131	nq	99
56) 4-Nitrophenol	15.00	139	238119	82.684	nq	89
57) 2,4-Dinitrotoluene	15.15	165	222955	56.887	nq	85
58) Fluorene	15.84	166	634492	44.018	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	199858	52.922	nq	96
60) Diethylphthalate	15.59	149	694577	42.284	nq	97
61) 4-Chlorophenyl-phenylether	15.82	204	341806	41.879	nq	98
62) 4-Nitroaniline	15.87	138	154790	46.596	nq	92
63) Azobenzene	16.11	77	606722	37.789	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	113943	54.416	nq	97
66) n-Nitrosodiphenylamine	16.04	169	595256	38.811	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	230632	41.215	nq	97
68) Hexachlorobenzene	16.83	284	236935	42.203	nq	93
69) Atrazine	16.98	200	240840	42.970	nq	98
70) Pentachlorophenol	17.18	266	261521	67.022	nq	99
71) Phenanthrene	17.58	178	1053246	40.344	nq	98
72) Anthracene	17.67	178	1067080	41.497	nq	97
73) Carbazole	17.94	167	889533	34.662	nq	99
74) Di-n-butylphthalate	18.47	149	1146262	38.286	nq	98
75) Fluoranthene	19.58	202	1114545	36.782	nq	99
77) Benzidine	19.76	184	272406	21.740	nq	98
78) Pyrene	19.94	202	1086452	45.664	nq	98
80) Butylbenzylphthalate	20.80	149	409585	40.810	nq	97
81) Benzo(a)anthracene	21.81	228	961515	42.576	nq	100
82) 3,3'-Dichlorobenzidine	21.71	252	258211	30.836	nq	100
83) Chrysene	21.88	228	898007	41.772	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	566590	39.571	nq	99
85) Di-n-octyl phthalate	22.93	149	971311	41.061	nq	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1062967	46.085	nq	# 96
88) Benzo(b)fluoranthene	24.12	252	943435	49.830	nq	99
89) Benzo(k)fluoranthene	24.19	252	893310	46.995	nq	98
90) Benzo(a)pyrene	25.04	252	910982	49.960	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	862404	50.503	nq	97
92) Benzo(g,h,i)perylene	30.31	276	870321	51.134	nq	98

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

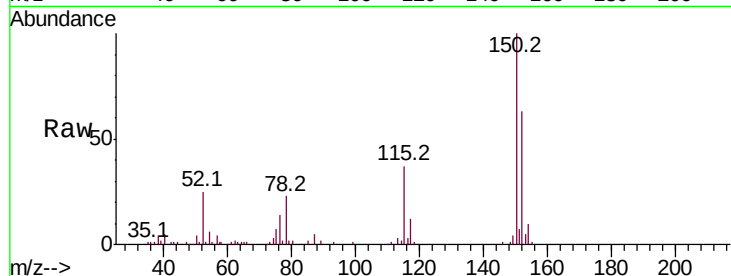


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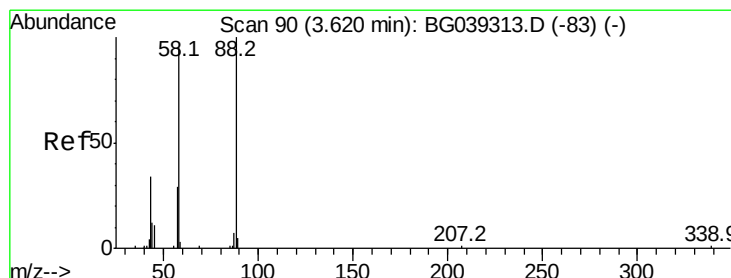
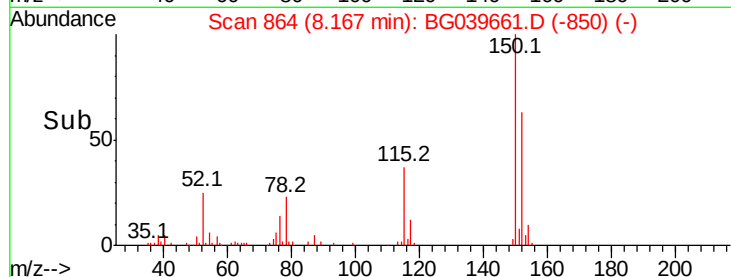
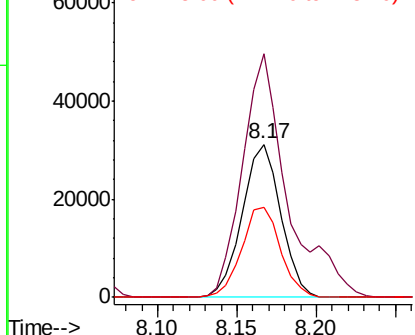
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52744
Ion Ratio Lower Upper
152 100
150 159.0 123.7 185.5
115 58.6 45.9 68.9



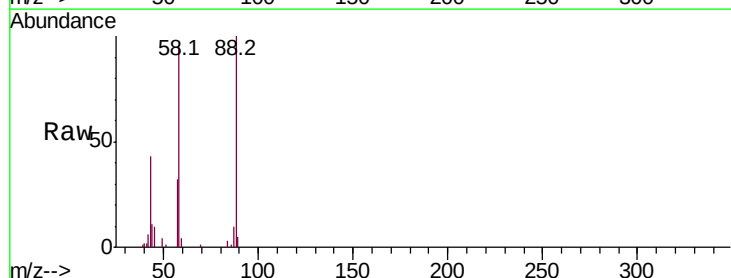
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



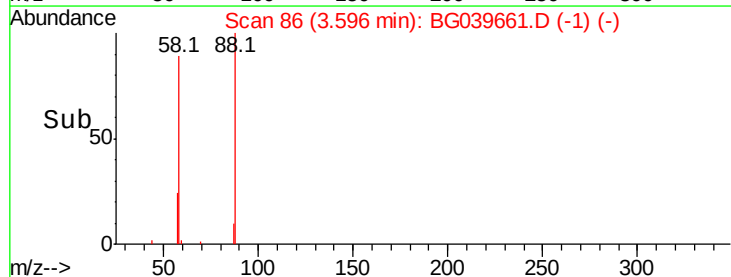
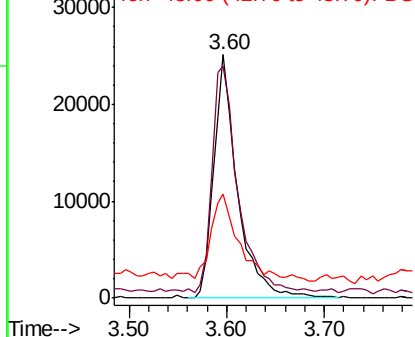
#2

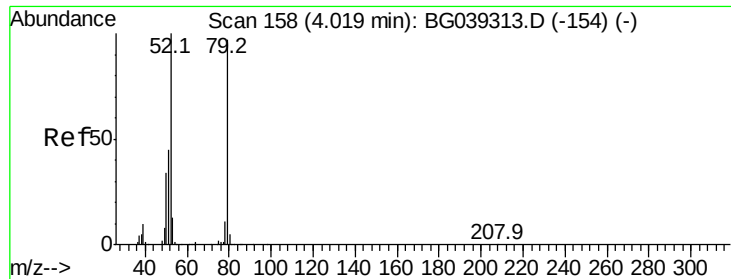
1,4-Dioxane
Concen: 31.255 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion: 88 Resp: 42133
Ion Ratio Lower Upper
88 100
58 101.1 81.1 121.7
43 38.7 31.4 47.0



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: 35.538 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

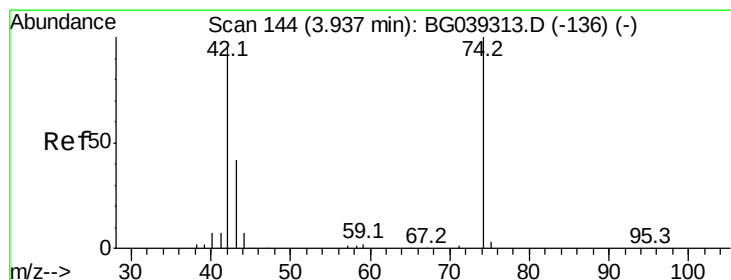
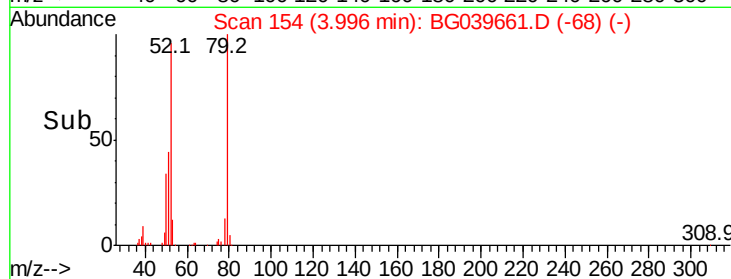
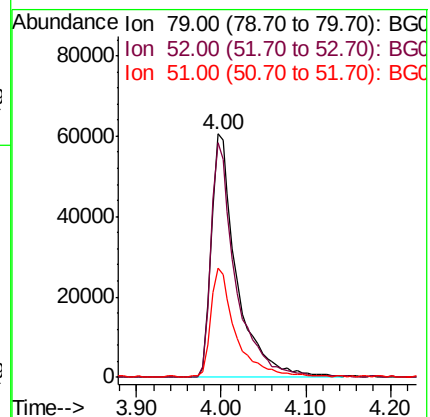
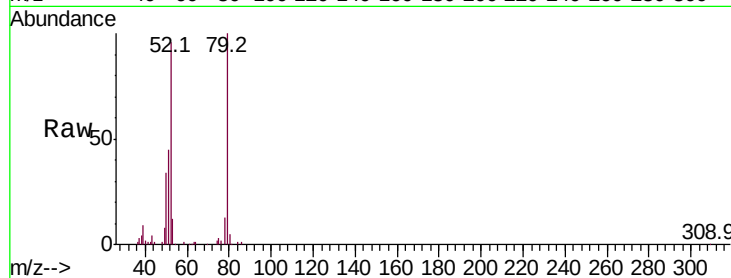
Tot Ion: 79 Resp: 126837

Ion Ratio Lower Upper

79 100

52 96.5 82.6 124.0

51 45.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.138 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

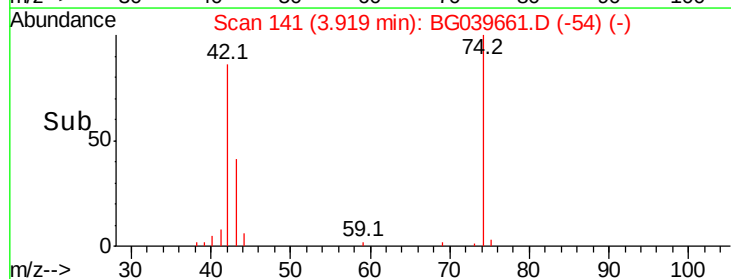
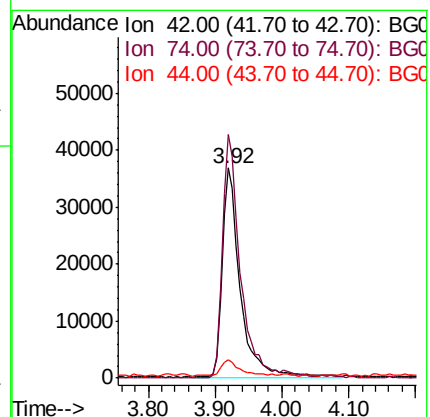
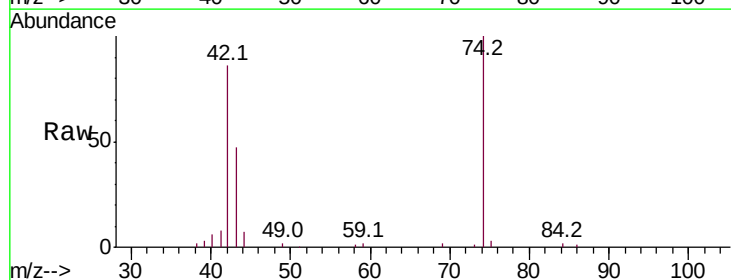
Tgt Ion: 42 Resp: 71643

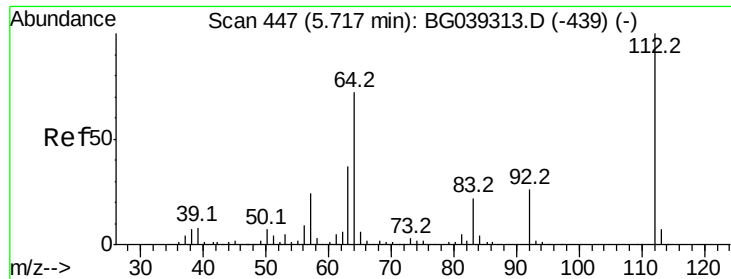
Ion Ratio Lower Upper

42 100

74 116.1 83.6 125.4

44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 169.721 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

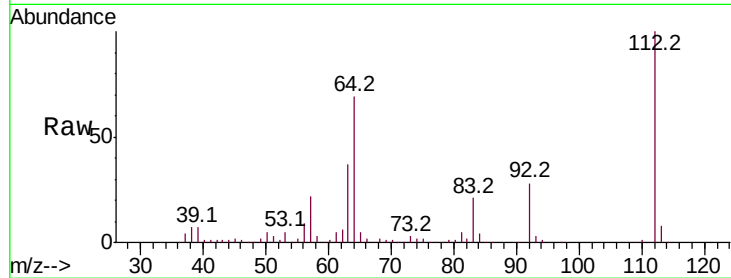
Tot Ion:112 Resp: 523034

Ion Ratio Lower Upper

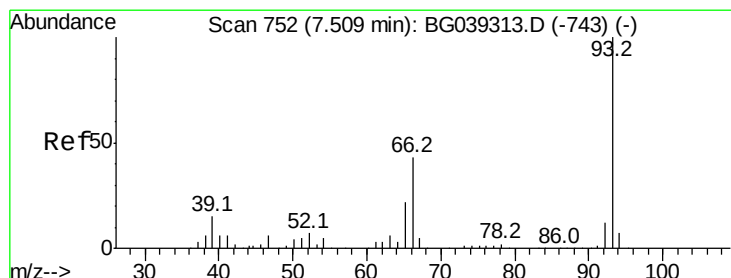
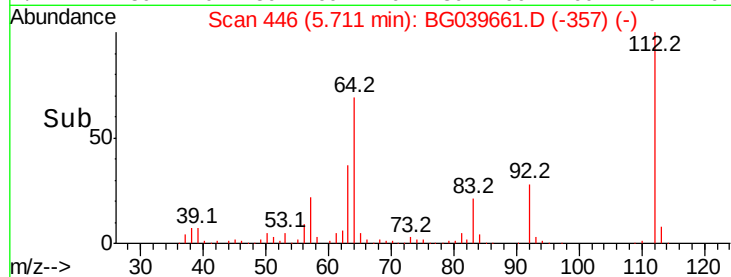
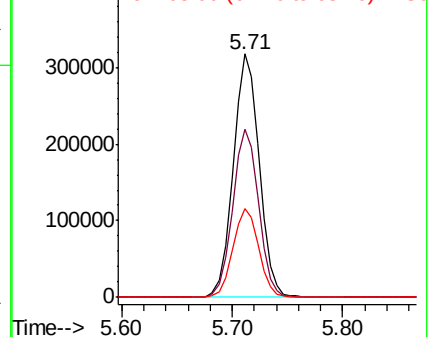
112 100

64 68.9 57.8 86.8

63 36.5 29.8 44.6



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



#6

Aniline

Concen: 30.980 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

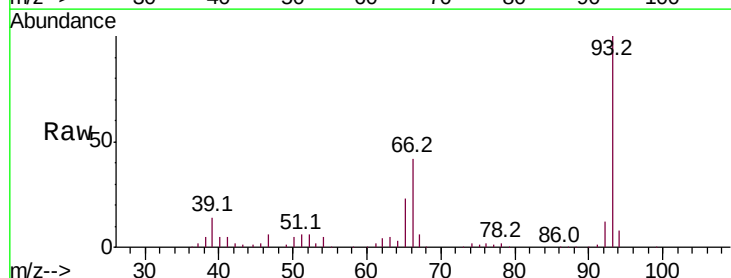
Tgt Ion: 93 Resp: 176028

Ion Ratio Lower Upper

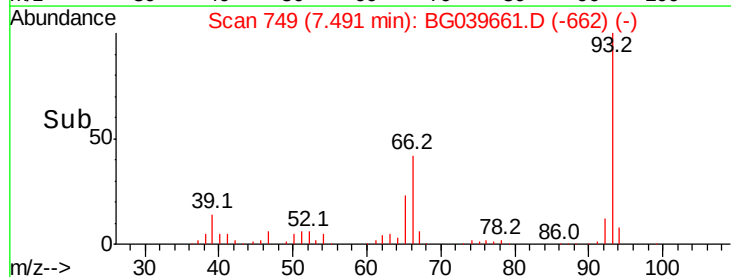
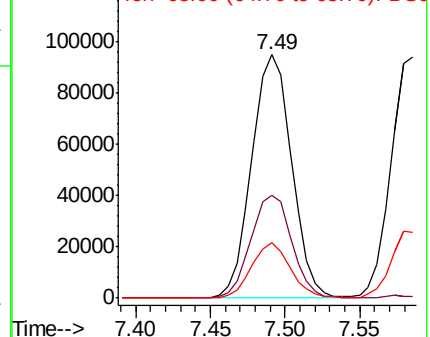
93 100

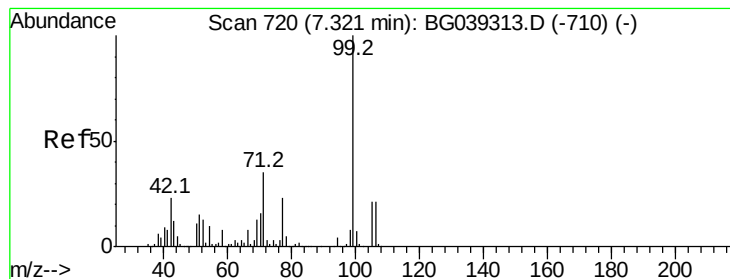
66 42.5 34.2 51.4

65 22.7 17.7 26.5



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: 170.262 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

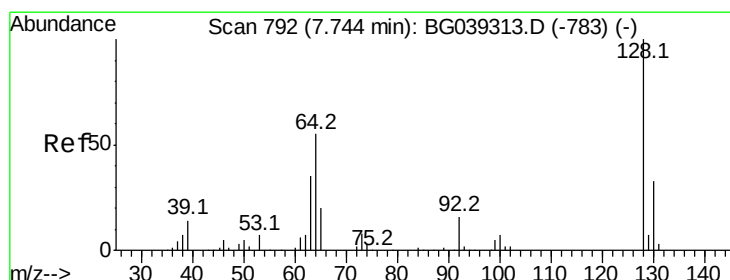
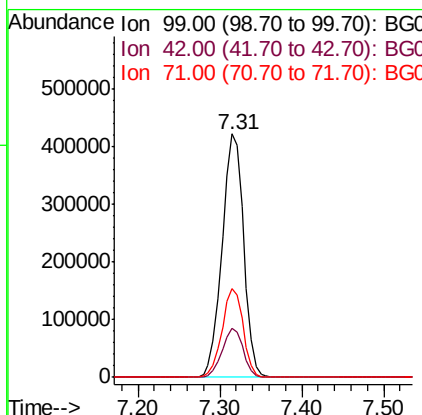
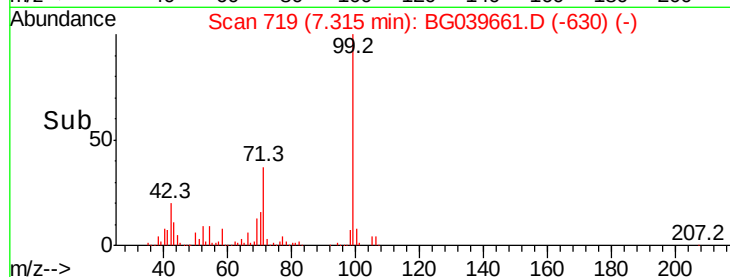
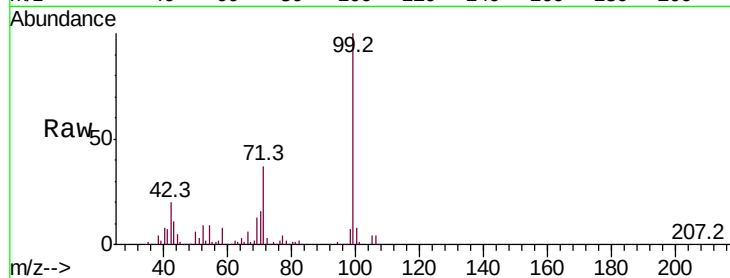
Tot Ion: 99 Resp: 772345

Ion Ratio Lower Upper

99 100

42 20.1 18.2 27.2

71 36.6 28.0 42.0



#8

2-Chlorophenol

Concen: 50.925 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

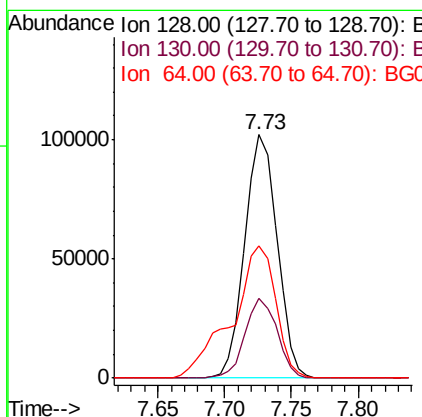
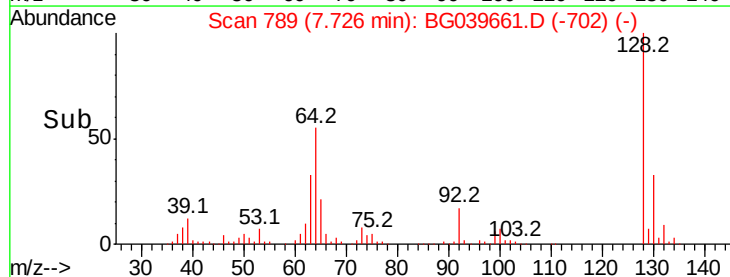
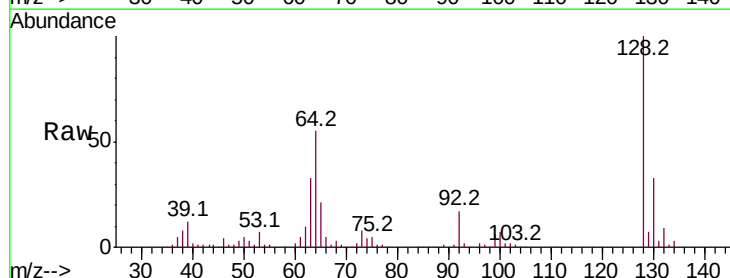
Tgt Ion: 128 Resp: 171546

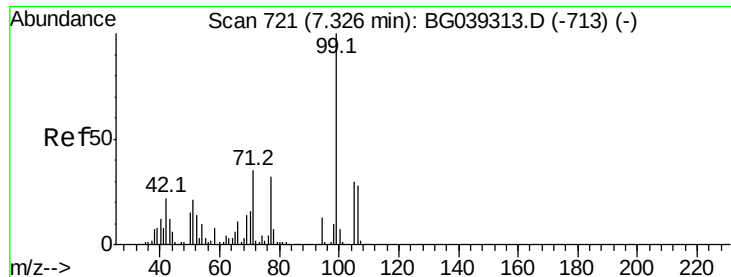
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 54.5 38.7 78.7





#9

Benzaldehyde

Concen: 17.563 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

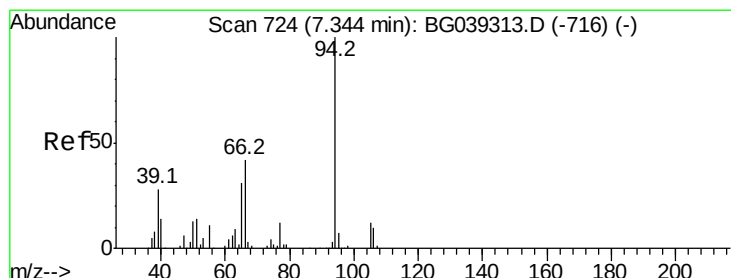
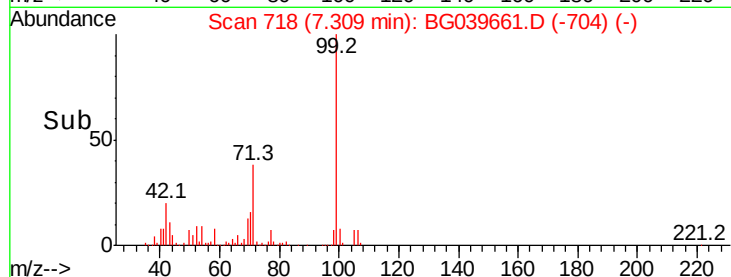
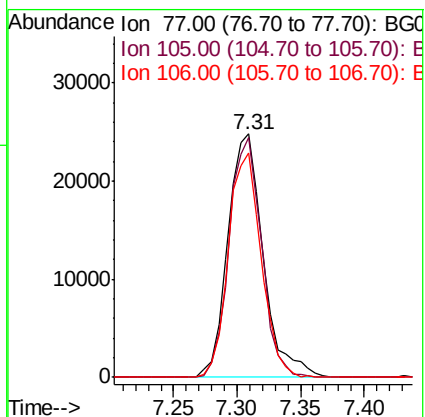
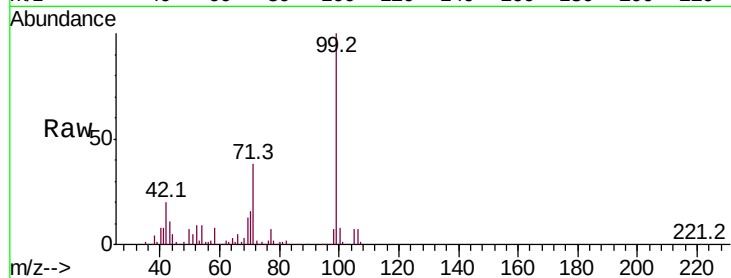
Tot Ion: 77 Resp: 47717

Ion Ratio Lower Upper

77 100

105 98.6 74.5 114.5

106 92.0 68.0 108.0



#10

Phenol

Concen: 50.153 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

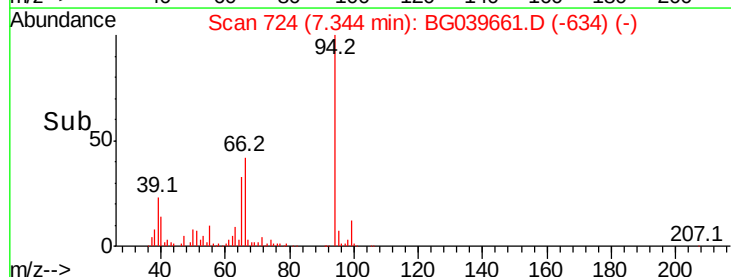
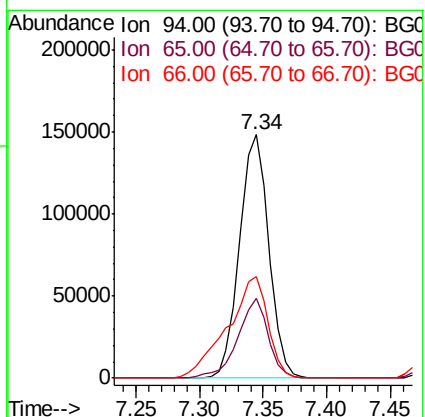
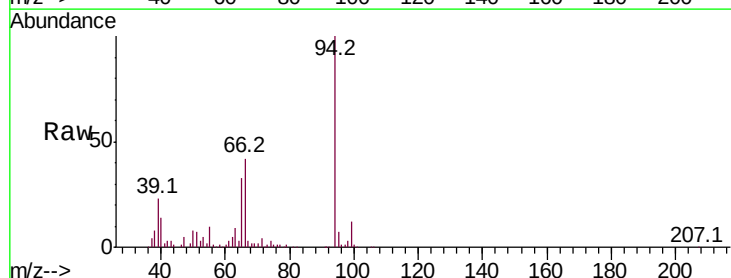
Tgt Ion: 94 Resp: 237155

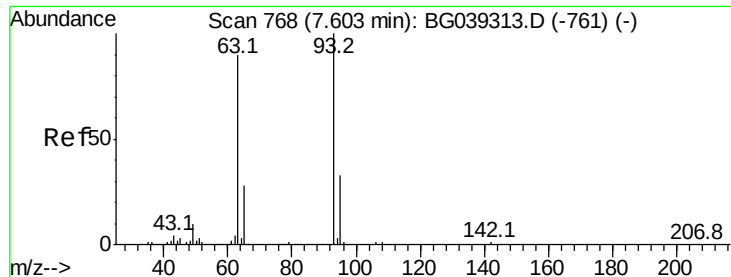
Ion Ratio Lower Upper

94 100

65 32.8 11.7 51.7

66 41.5 23.7 63.7

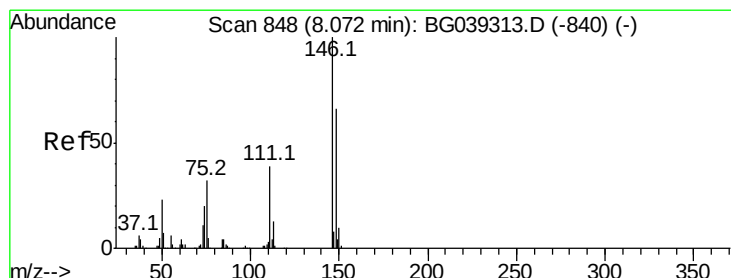
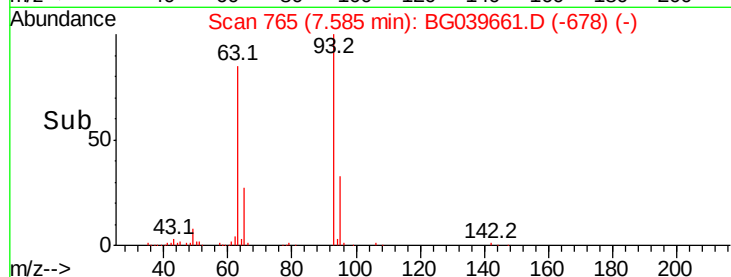
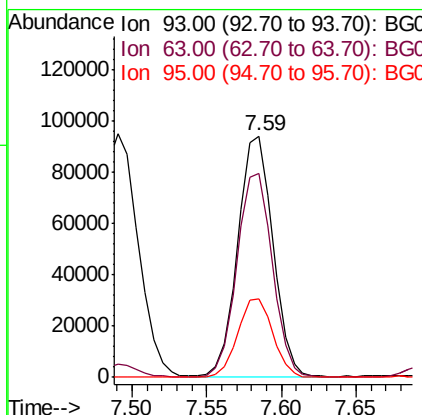
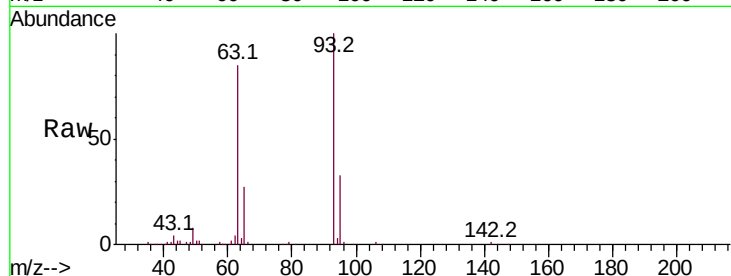




#11
bis(2-Chloroethyl)ether
Concen: 41.341 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

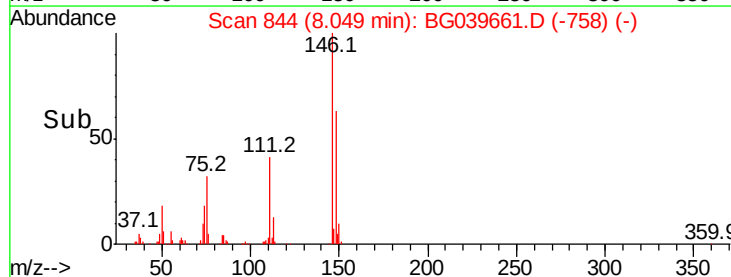
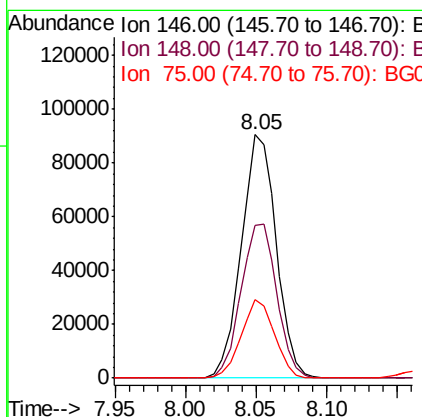
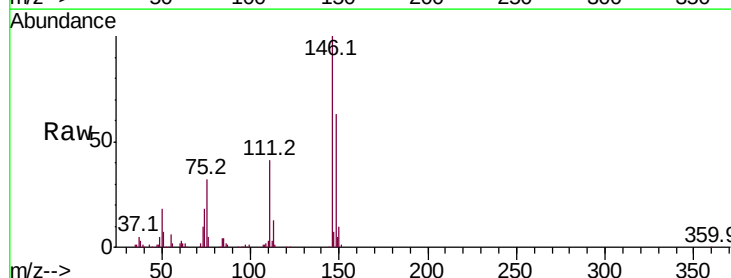
Instrument :
BNA_G
ClientSampled :

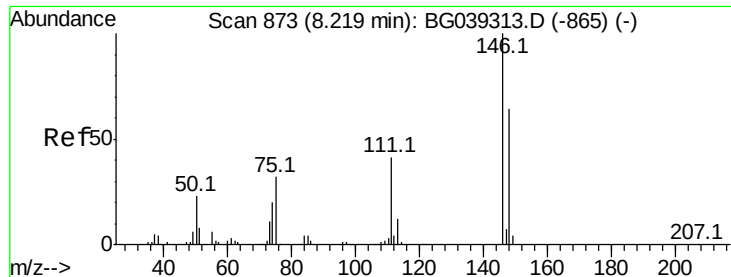
Tot Ion: 93 Resp: 154470
Ion Ratio Lower Upper
93 100
63 84.6 69.5 109.5
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.401 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion: 146 Resp: 156706
Ion Ratio Lower Upper
146 100
148 62.7 52.6 79.0
75 32.0 25.8 38.6

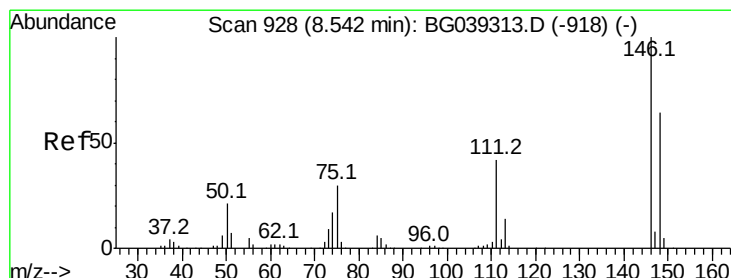
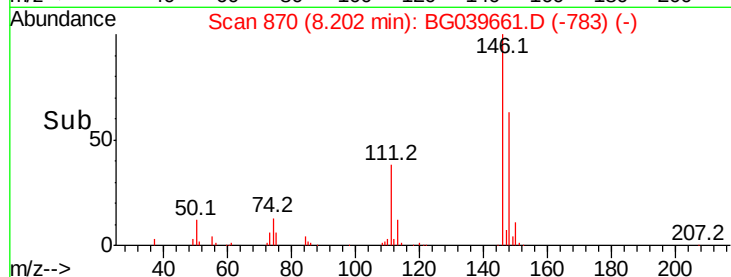
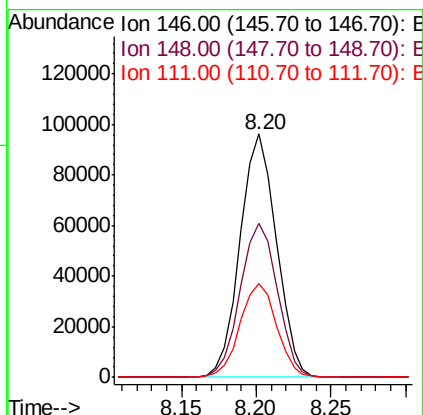
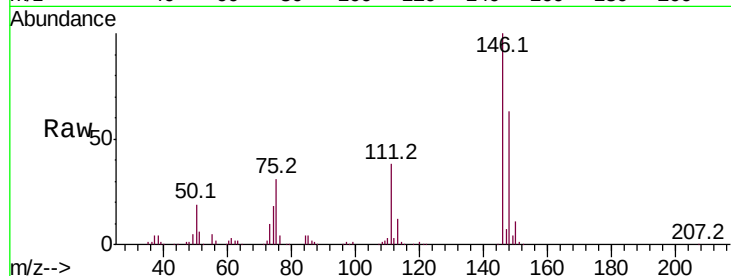




#13
1,4-Dichlorobenzene
Concen: 39.981 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

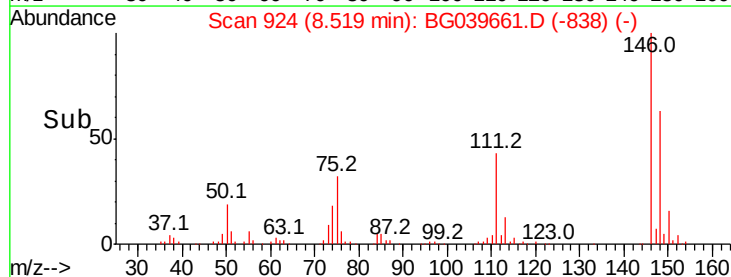
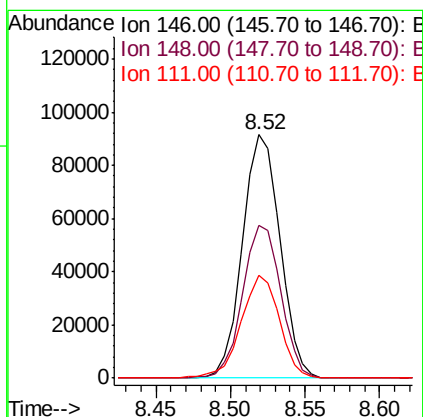
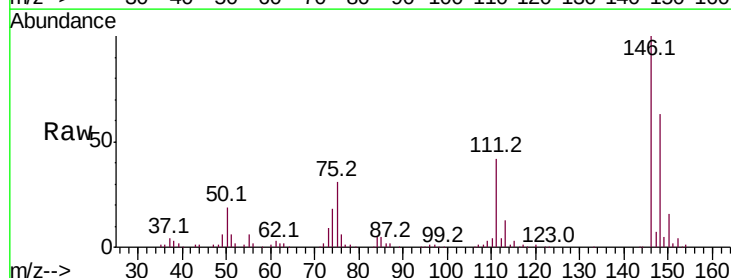
Instrument :
BNA_G
ClientSampled :

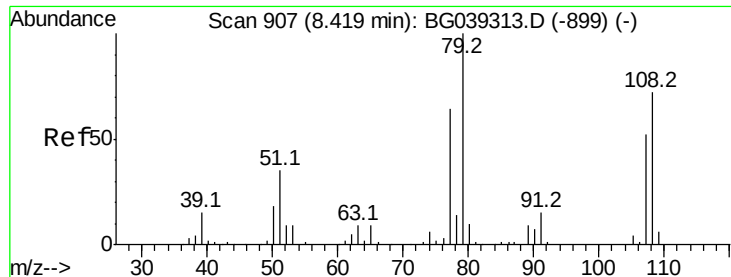
Tot Ion:146 Resp: 162620
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
111 38.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 40.464 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:146 Resp: 159328
Ion Ratio Lower Upper
146 100
148 62.7 51.5 77.3
111 42.5 33.8 50.6

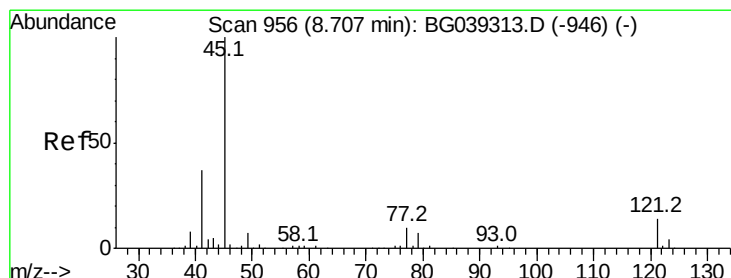
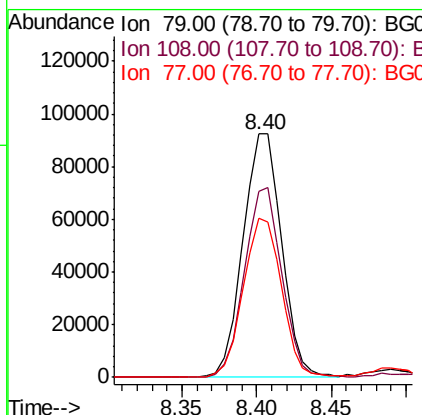
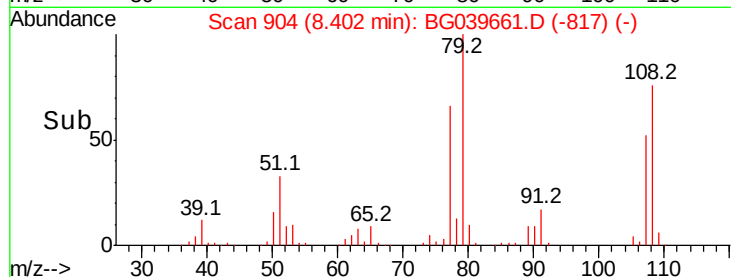
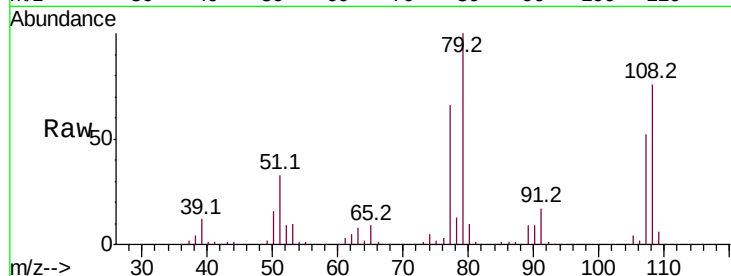




#15
Benzyl Alcohol
Concen: 46.282 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

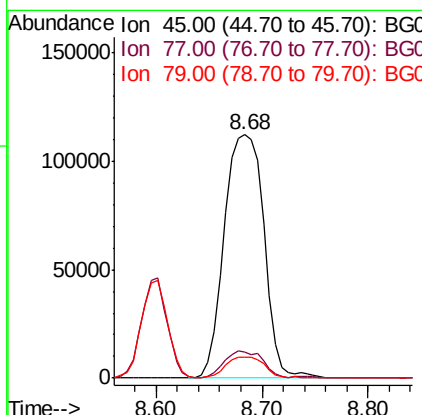
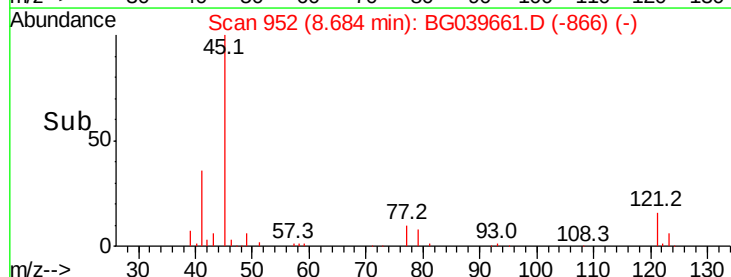
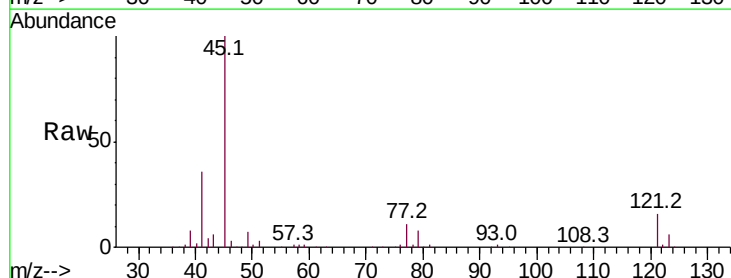
Instrument :
BNA_G
ClientSampleId :

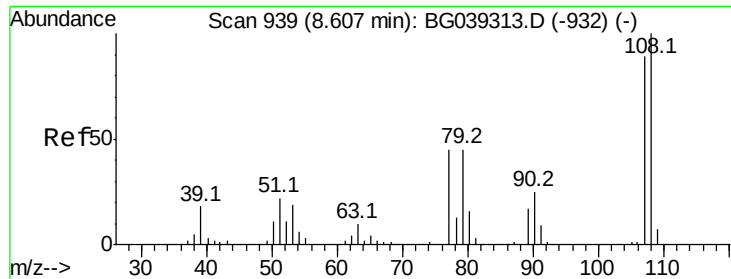
Tot Ion: 79 Resp: 164824
Ion Ratio Lower Upper
79 100
108 76.4 57.8 86.6
77 65.6 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.686 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion: 45 Resp: 292675
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.0
79 8.4 0.0 27.5

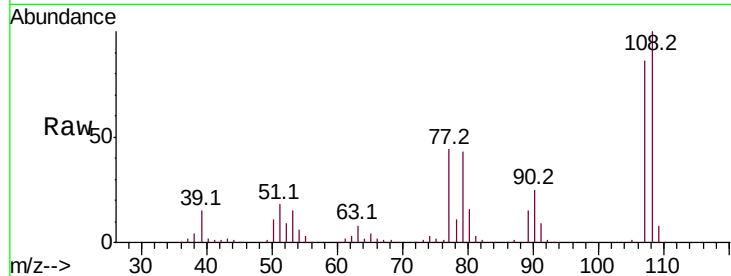




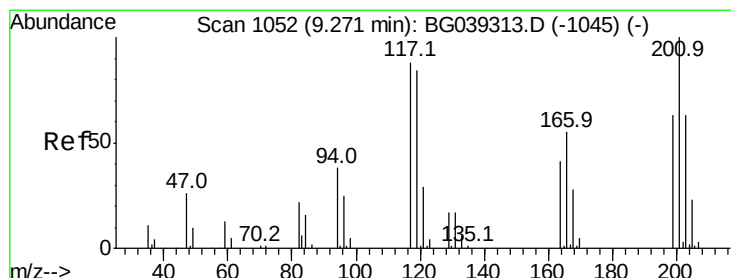
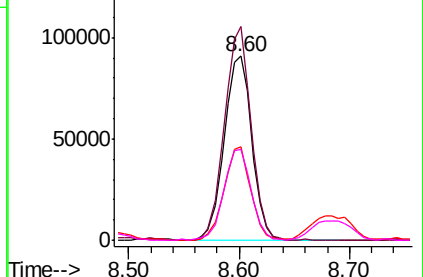
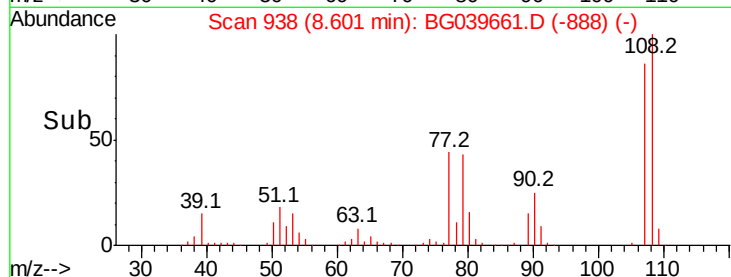
#17
2-Methylphenol
Concen: 51.840 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 158634
Ion Ratio Lower Upper
107 100
108 116.2 90.8 136.2
77 50.8 40.7 61.1
79 49.6 40.6 60.8

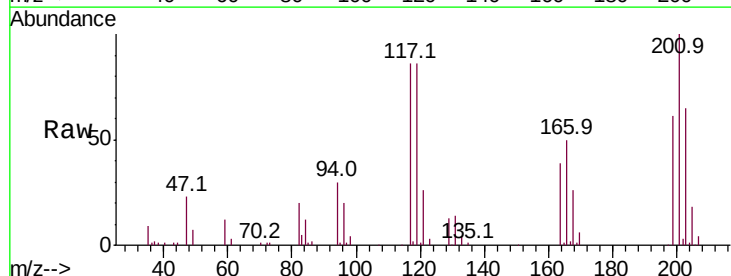


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

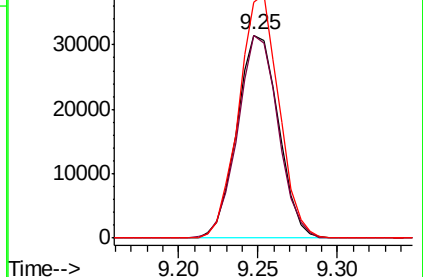
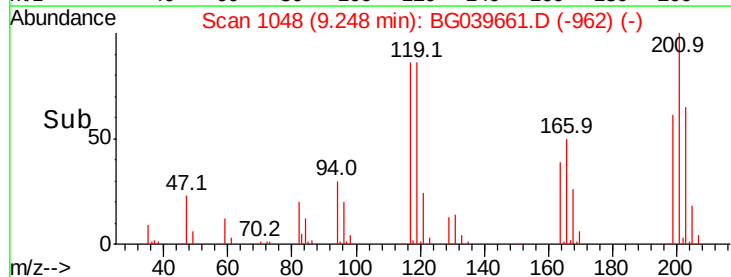


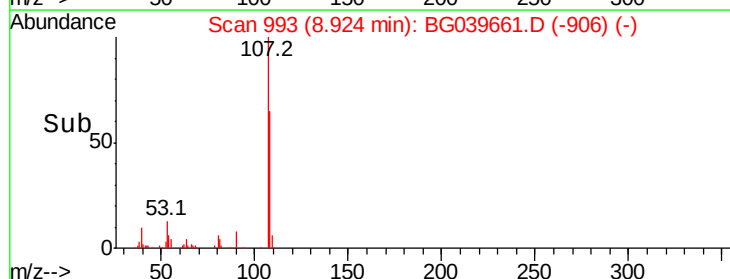
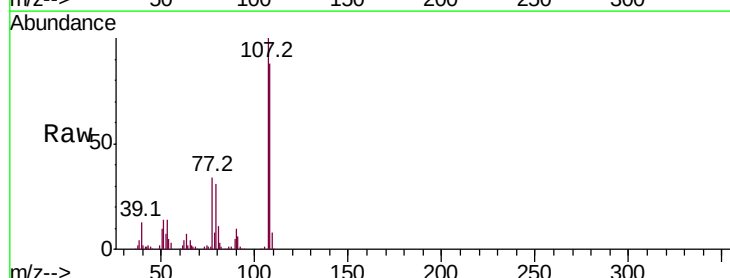
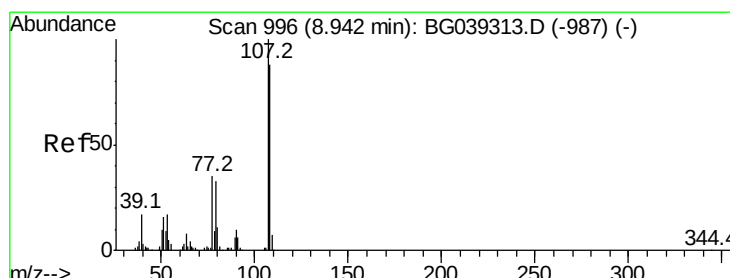
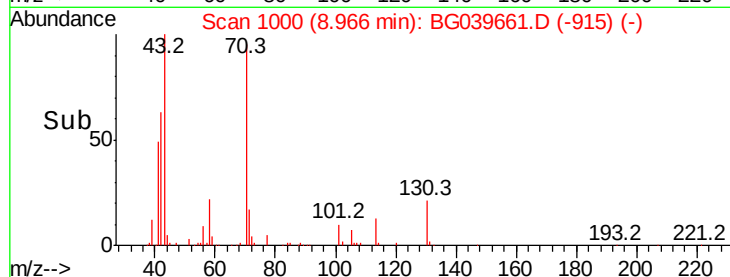
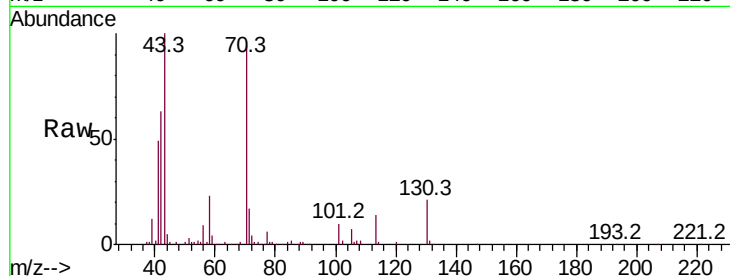
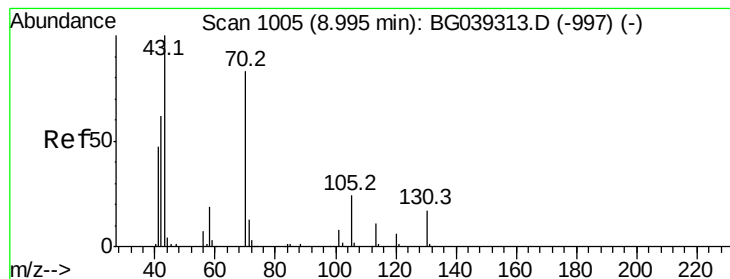
#18
Hexachloroethane
Concen: 41.031 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:117 Resp: 57417
Ion Ratio Lower Upper
117 100
119 99.9 76.3 114.5
201 116.2 91.1 136.7



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: 41.795 ng

RT: 8.97 min Scan# 1000

Delta R.T. -0.03 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 134564

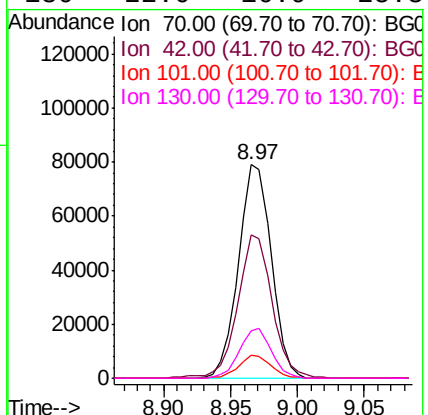
Ion Ratio Lower Upper

70 100

42 67.3 60.4 90.6

101 10.7 7.5 11.3

130 22.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 51.944 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Tgt Ion: 107 Resp: 218884

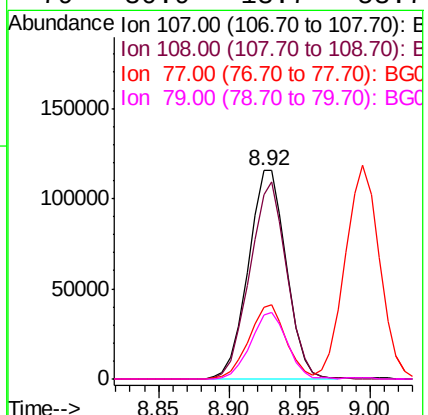
Ion Ratio Lower Upper

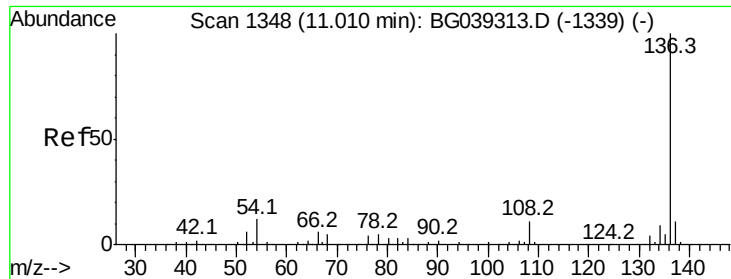
107 100

108 88.4 67.9 107.9

77 34.4 15.4 55.4

79 30.9 13.7 53.7

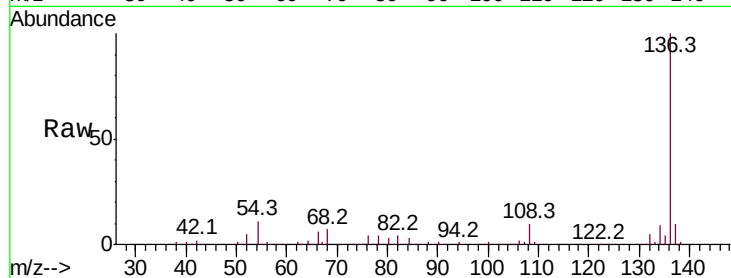




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	11.4	9.4	14.2
68	6.5	4.2	6.4



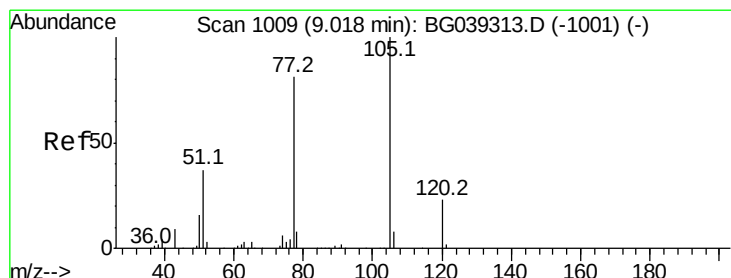
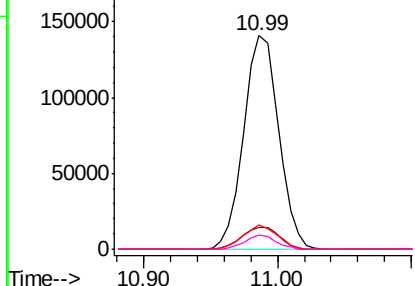
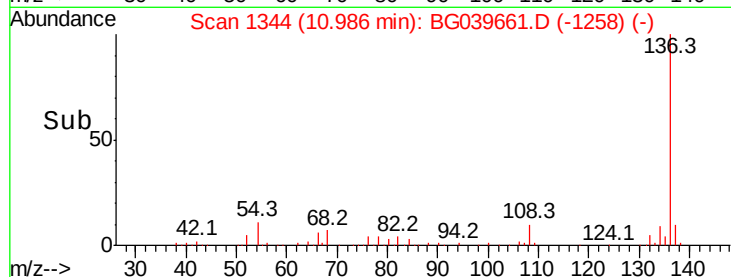
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

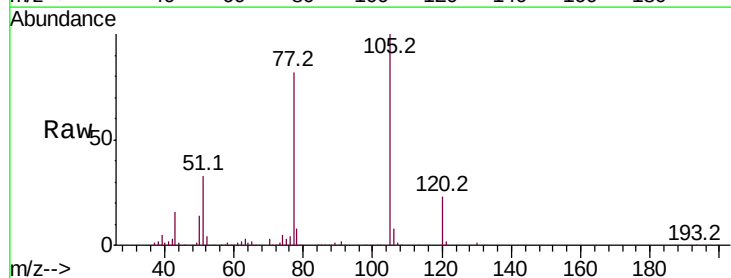
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.940 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2
51	32.9	30.2	45.2
120	23.1	18.0	27.0



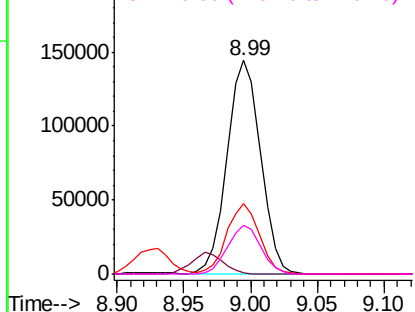
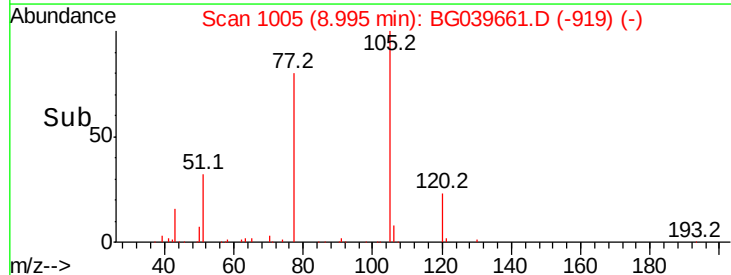
Abundance

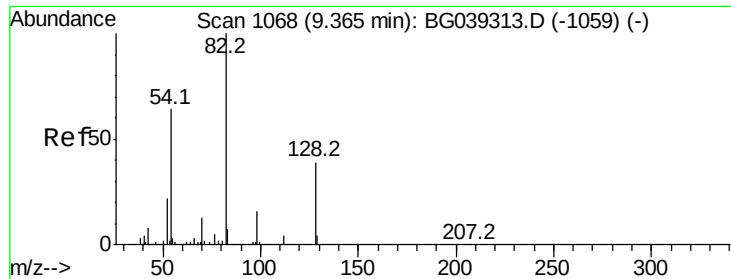
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

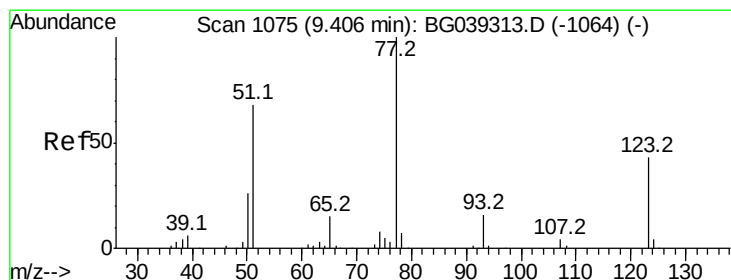
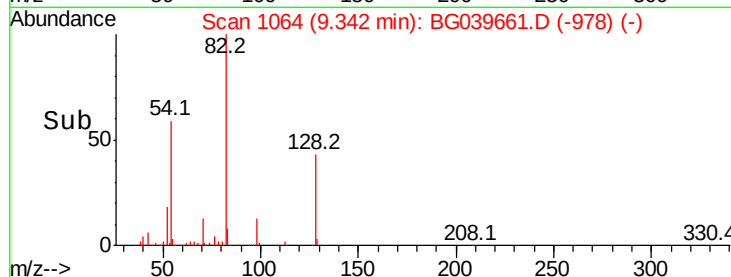
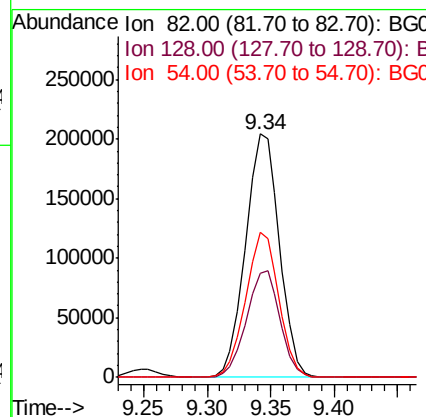
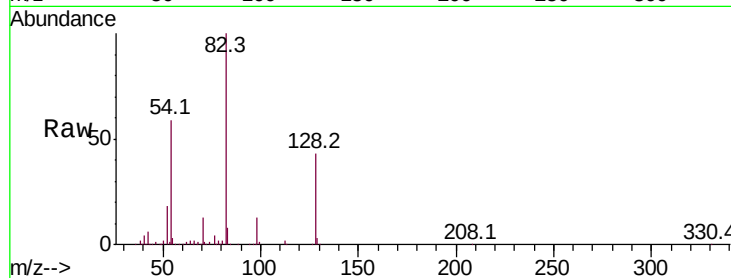




#23
 Nitrobenzene-d5
 Concen: 92.690 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

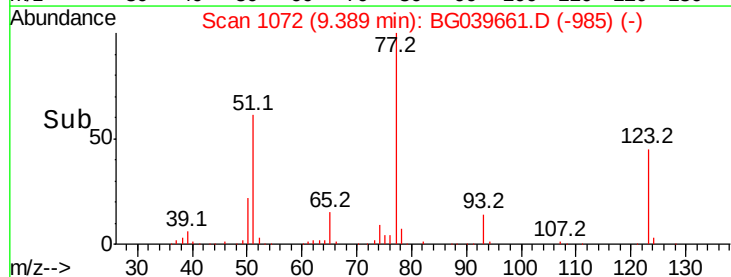
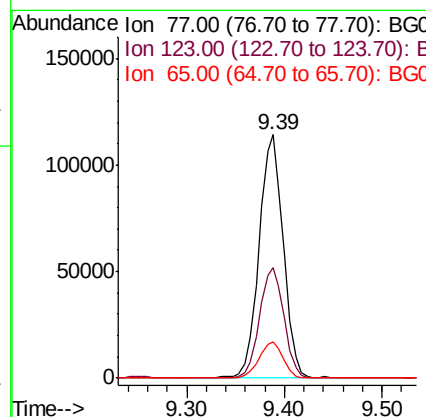
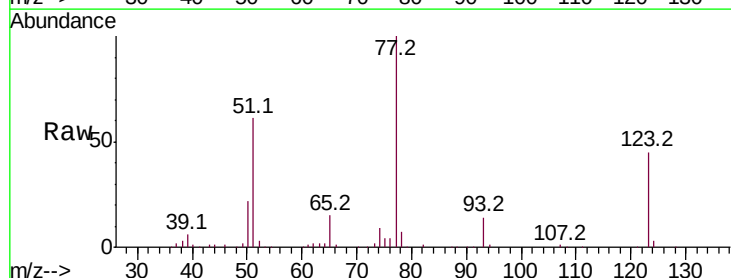
Instrument :
 BNA_G
 ClientSampled :

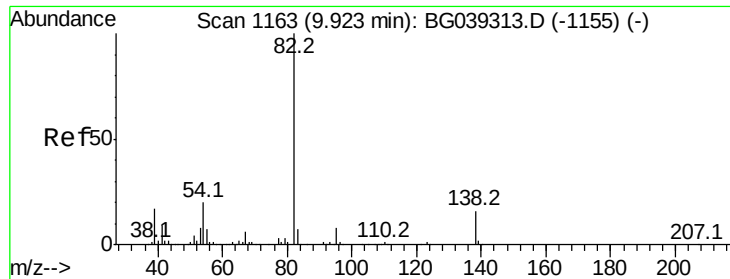
Tot Ion: 82 Resp: 378509
 Ion Ratio Lower Upper
 82 100
 128 42.6 31.3 46.9
 54 59.3 50.9 76.3



#24
 Nitrobenzene
 Concen: 45.028 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion: 77 Resp: 198648
 Ion Ratio Lower Upper
 77 100
 123 45.2 34.1 51.1
 65 14.8 12.3 18.5

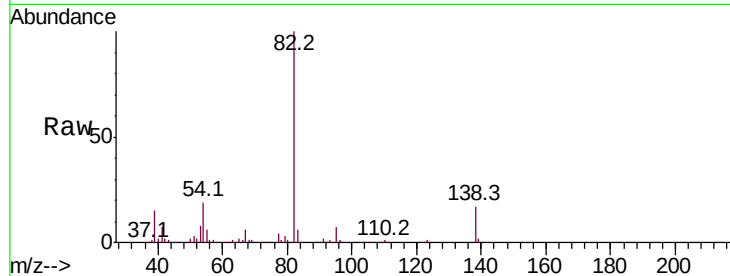




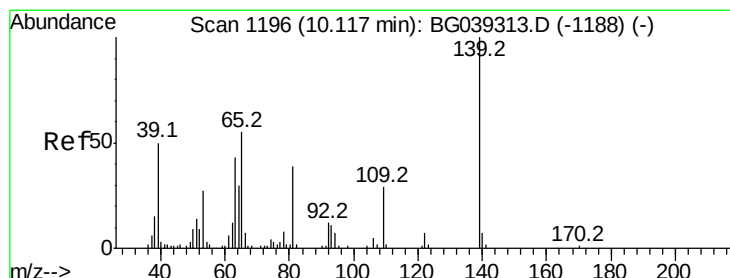
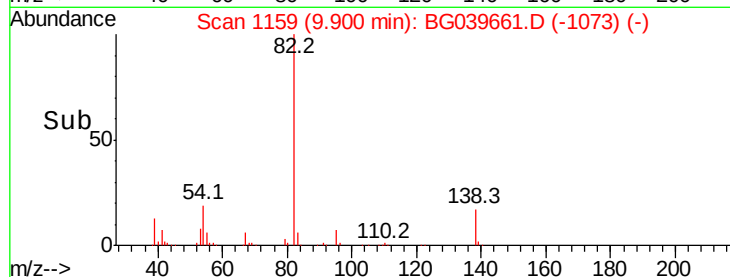
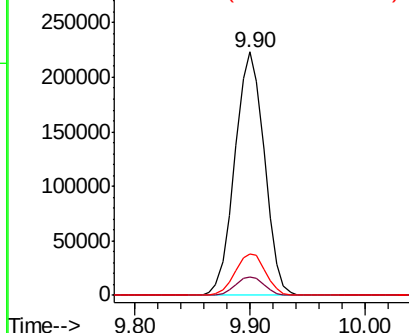
#25
Isophorone
Concen: 43.631 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 394829
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 17.3 13.0 19.4

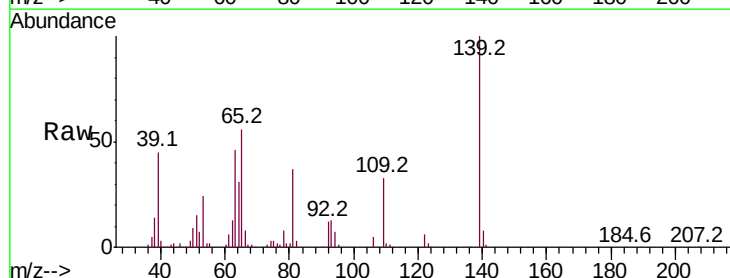


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

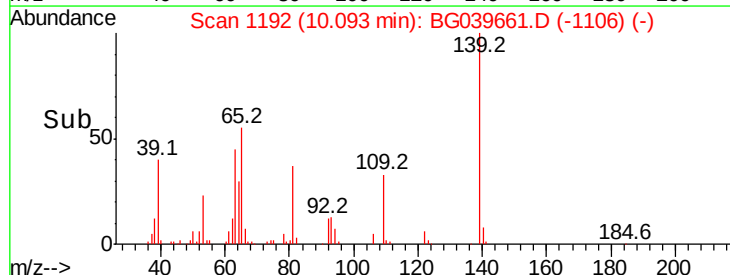
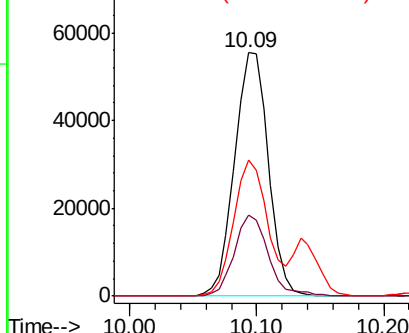


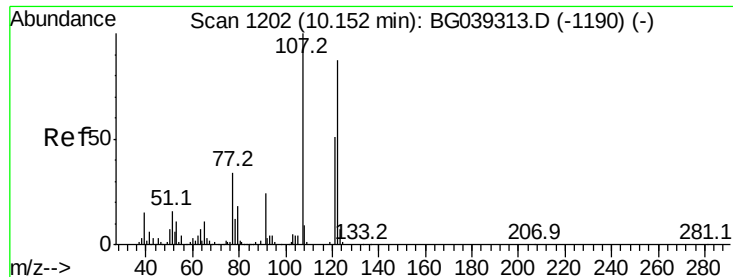
#26
2-Nitrophenol
Concen: 56.195 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion: 139 Resp: 102528
Ion Ratio Lower Upper
139 100
109 33.1 23.4 35.0
65 55.9 44.3 66.5



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

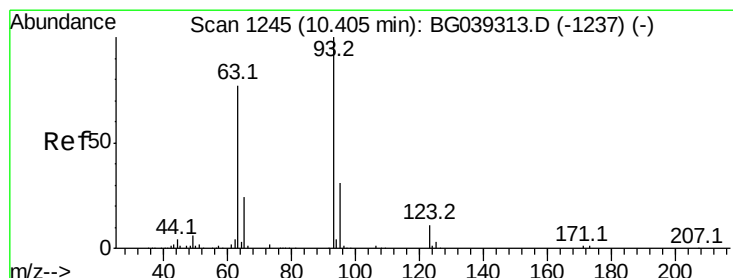
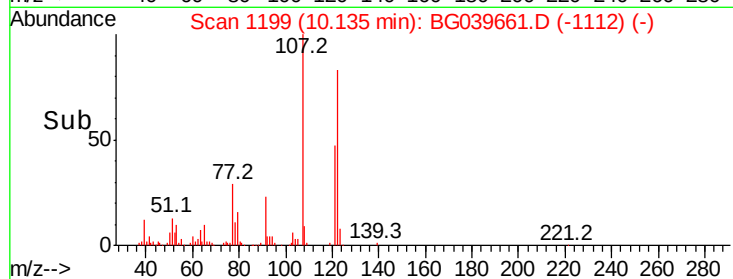
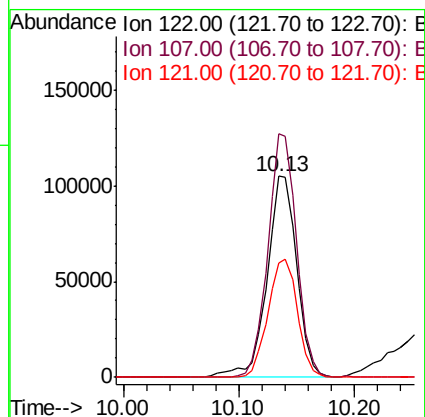
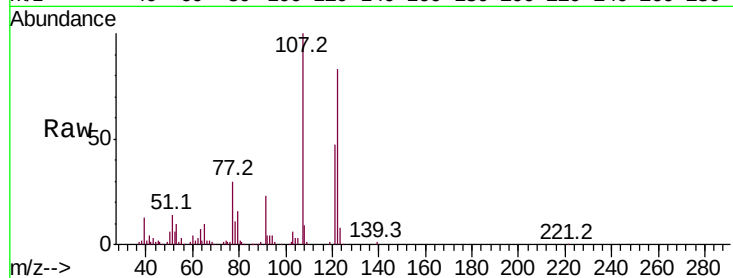




#27
 2,4-Dimethylphenol
 Concen: 51.699 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

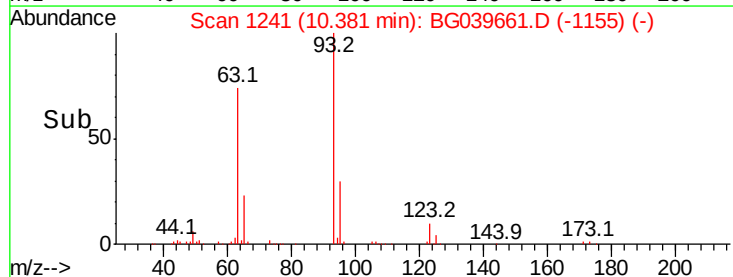
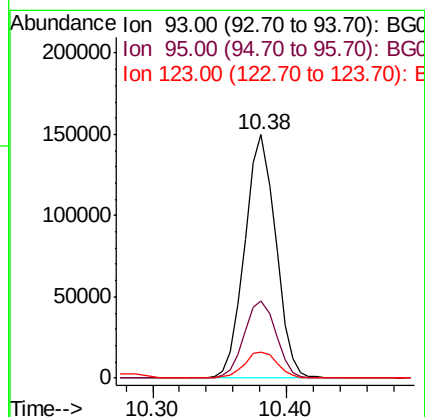
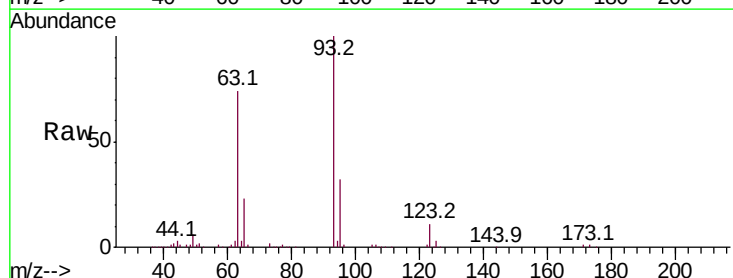
Instrument :
 BNA_G
 ClientSampleId :

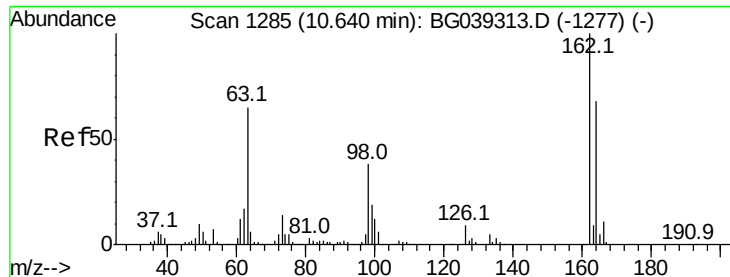
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	91.7	137.5
121	56.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.028 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	10.7	8.6	12.8

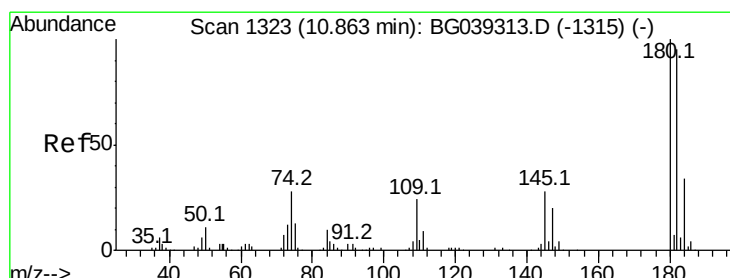
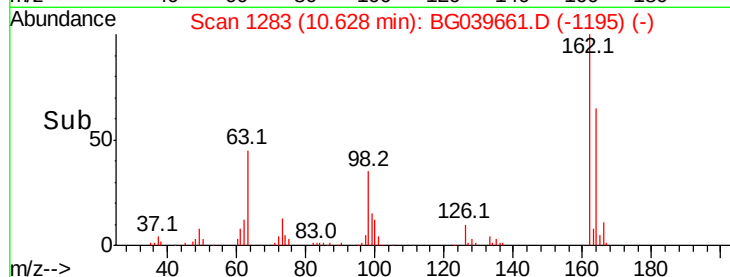
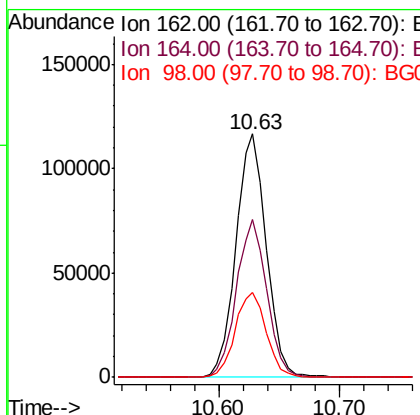
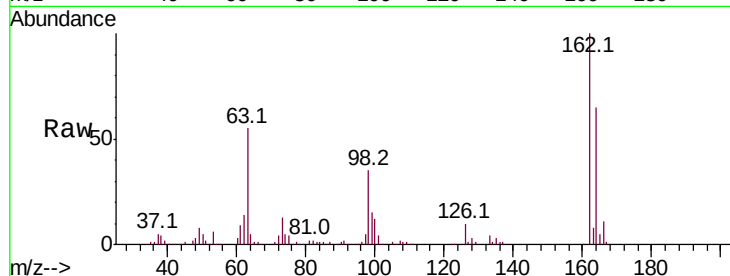




#29
 2,4-Dichlorophenol
 Concen: 51.109 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

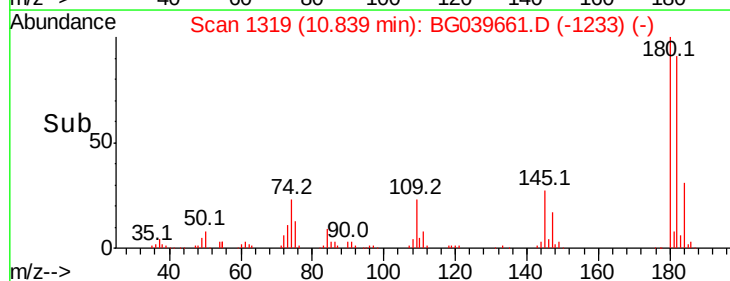
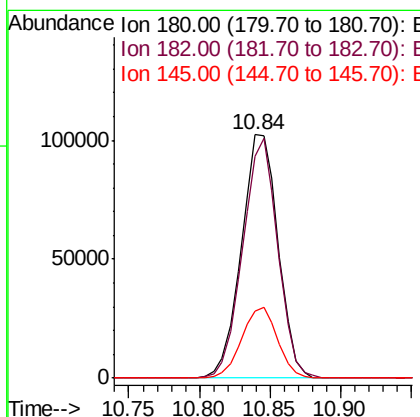
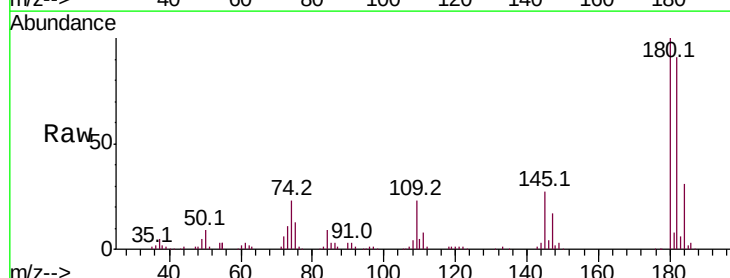
Instrument :
 BNA_G
 ClientSampleId :

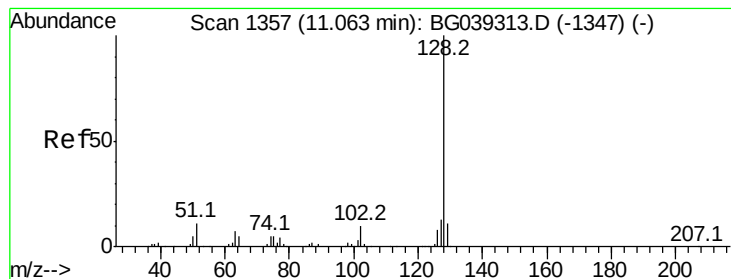
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	48.1	88.1
98	35.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.439 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	76.0	114.0
145	27.3	22.7	34.1

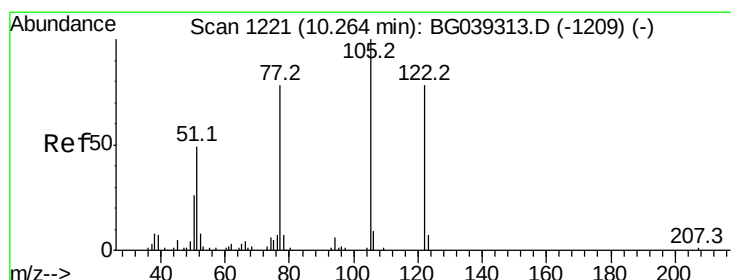
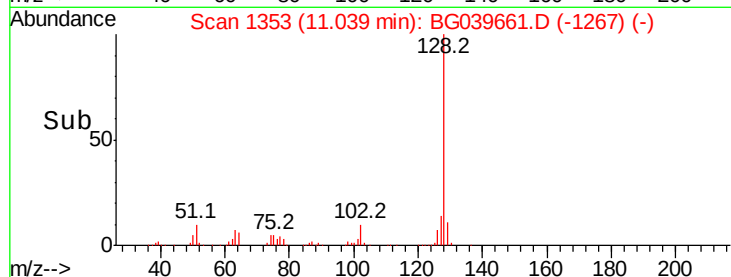
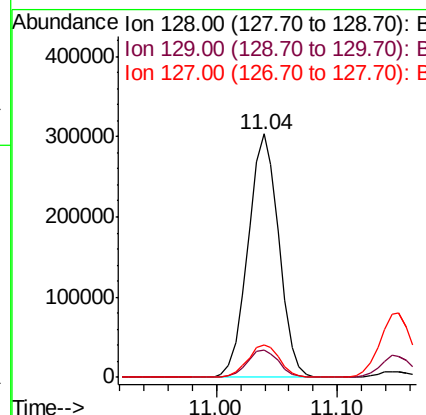
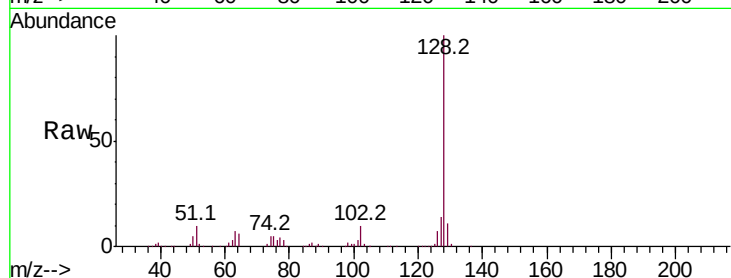




#31
Naphthalene
Concen: 42.516 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

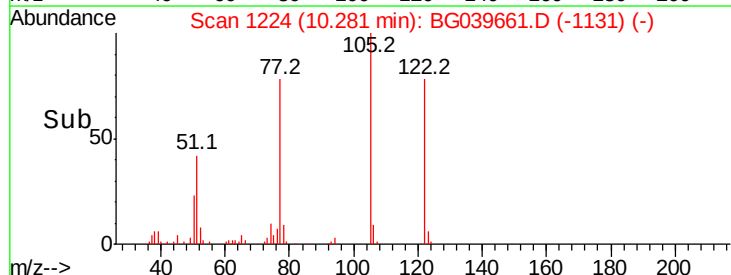
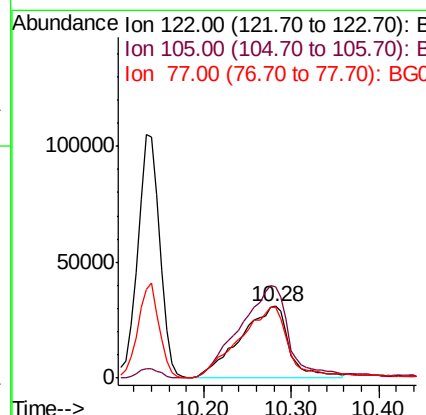
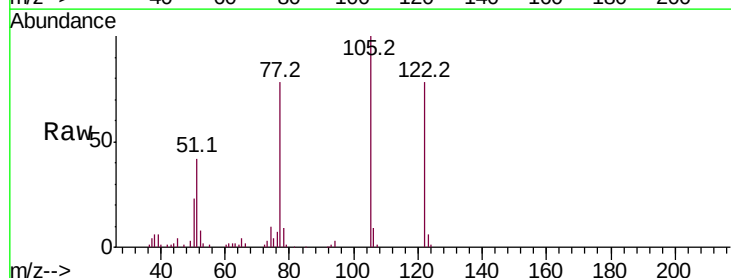
Instrument :
BNA_G
ClientSampleId :

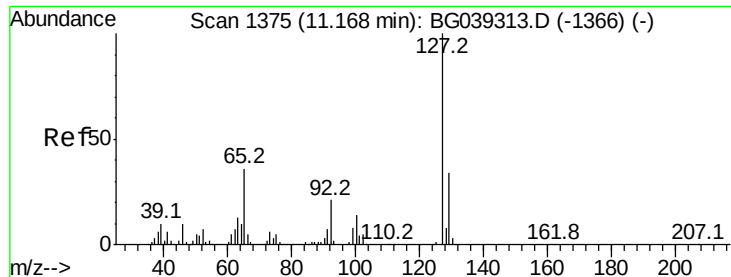
Tot Ion:128 Resp: 538074
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 48.440 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:122 Resp: 116357
Ion Ratio Lower Upper
122 100
105 127.6 101.8 141.8
77 99.6 76.3 116.3

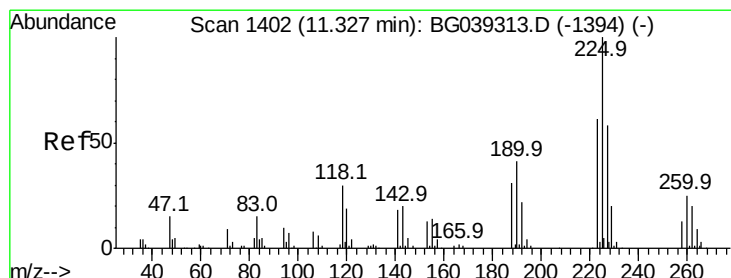
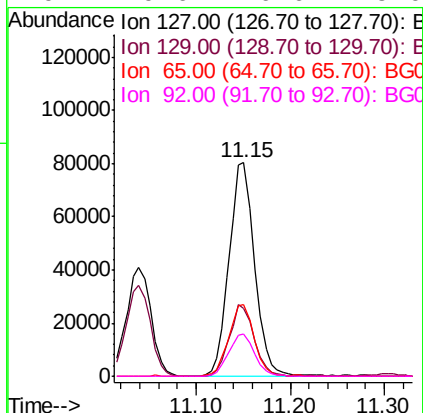
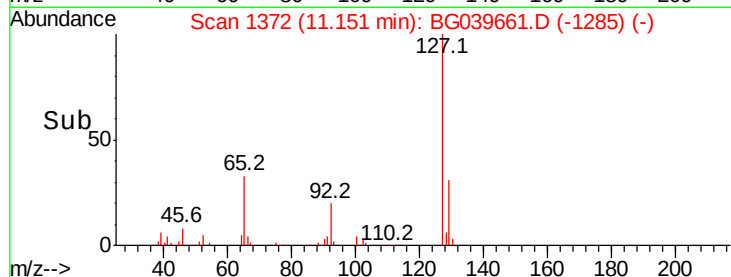
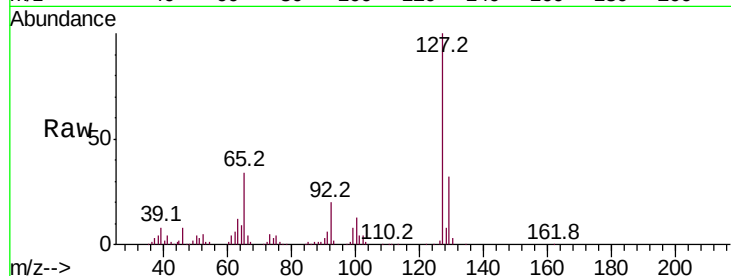




#33
4-Chloroaniline
Concen: 25.972 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

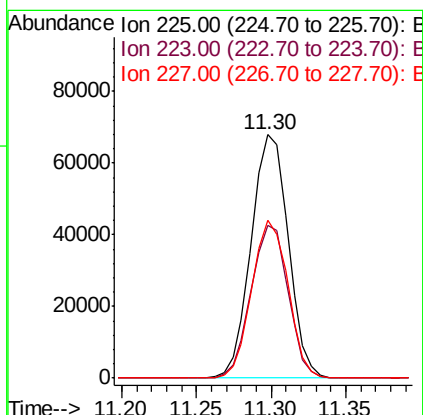
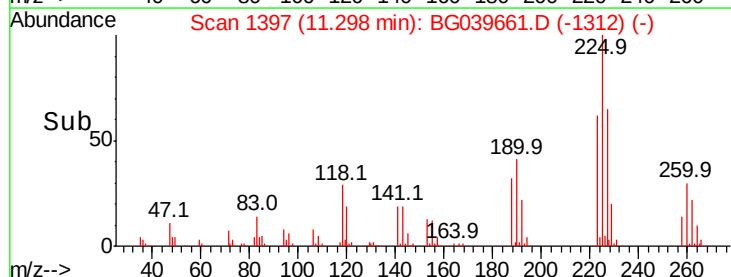
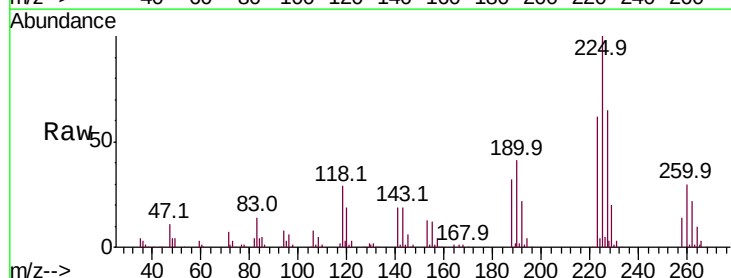
Instrument :
BNA_G
ClientSampleId :

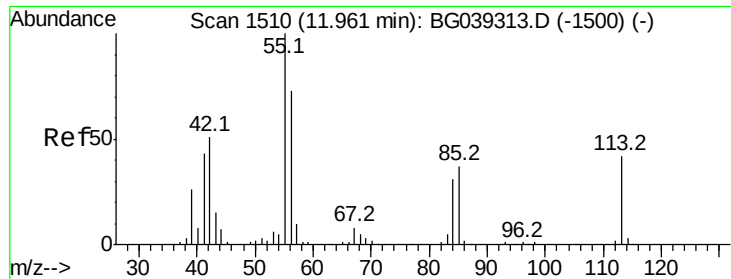
Tot Ion:	127	Resp:	152406
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	33.7	28.8	43.2
92	19.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.053 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:	225	Resp:	116658
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.0	73.6
227	64.7	46.3	69.5

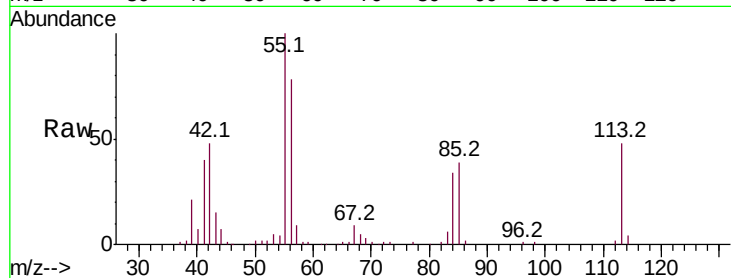




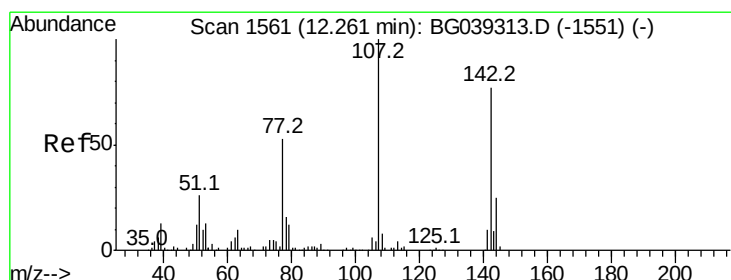
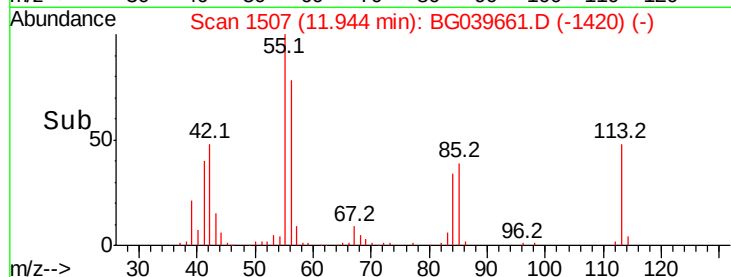
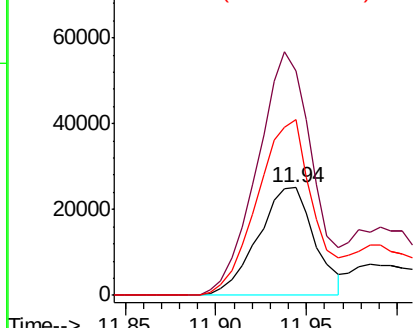
#35
 Caprolactam
 Concen: 32.940 ng
 RT: 11.94 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 54534
 Ion Ratio Lower Upper
 113 100
 55 208.6 216.9 256.9#
 56 163.8 152.6 192.6

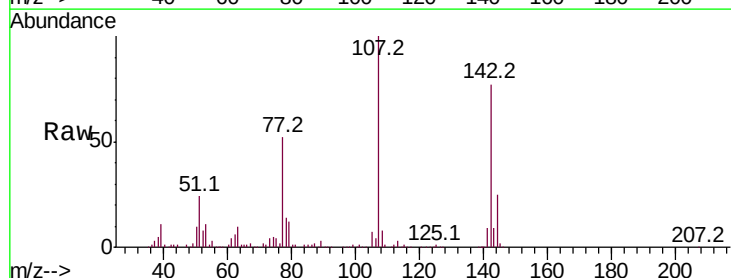


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

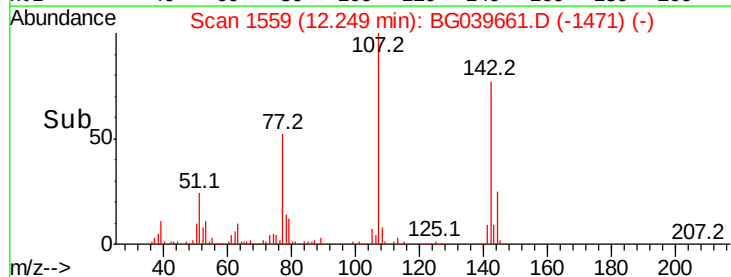
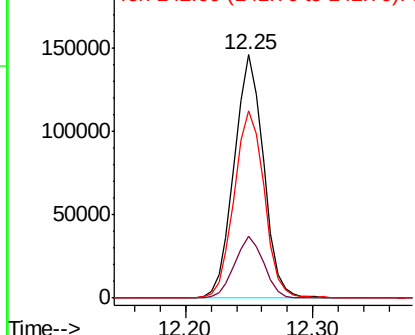


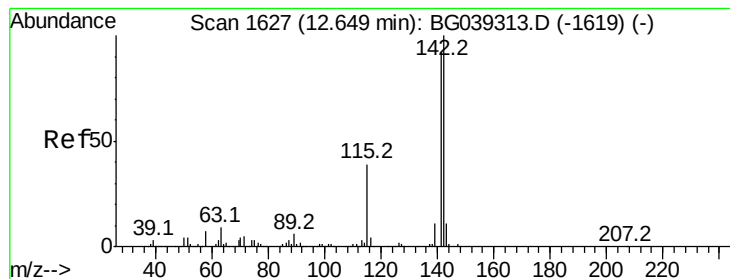
#36
 4-Chloro-3-methylphenol
 Concen: 50.689 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion:107 Resp: 234533
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 76.7 61.4 92.2



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: 46.434 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

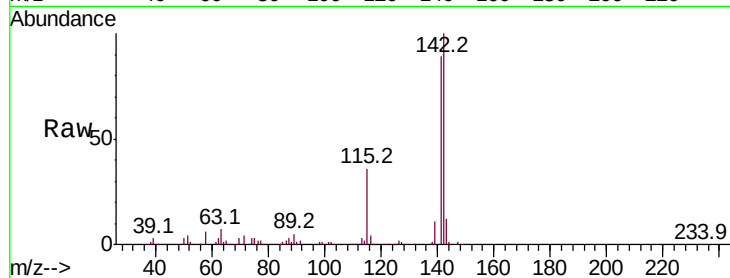
Tot Ion:142 Resp: 435252

Ion Ratio Lower Upper

142 100

141 89.2 73.5 110.3

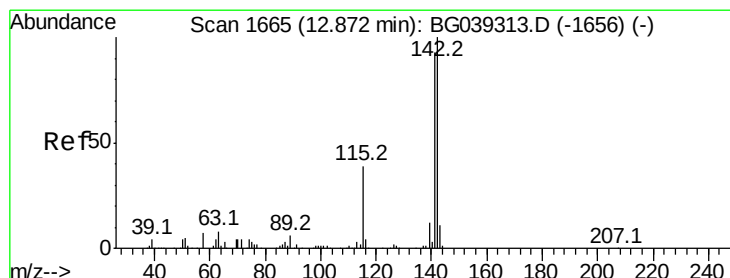
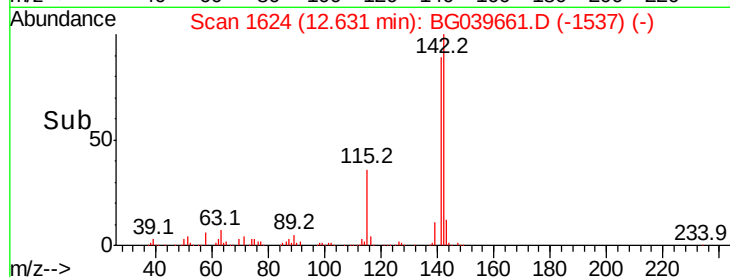
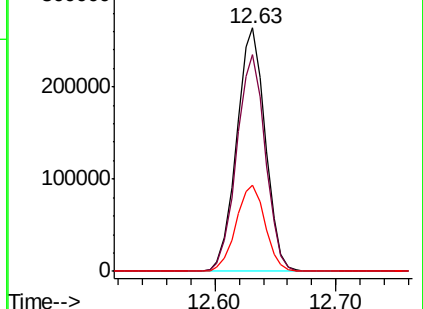
115 35.6 30.8 46.2



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: 46.041 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

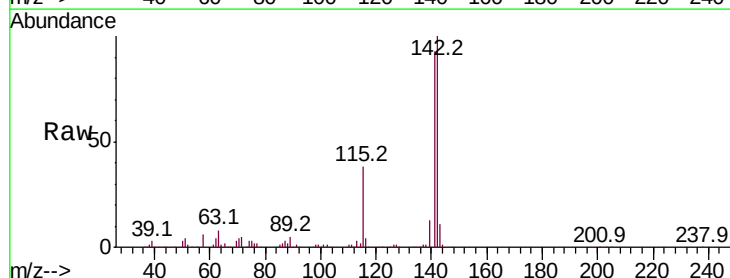
Tgt Ion:142 Resp: 416012

Ion Ratio Lower Upper

142 100

141 93.4 74.2 111.4

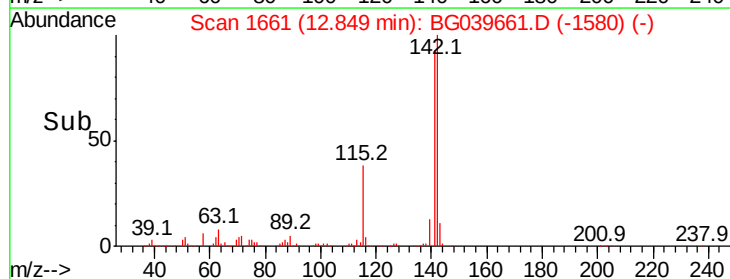
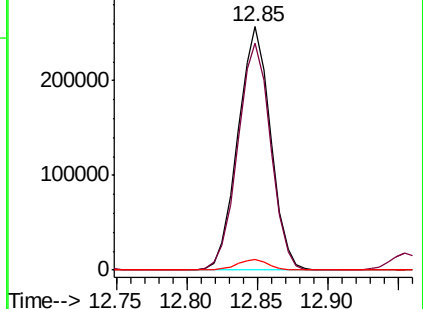
116 4.1 3.0 4.6

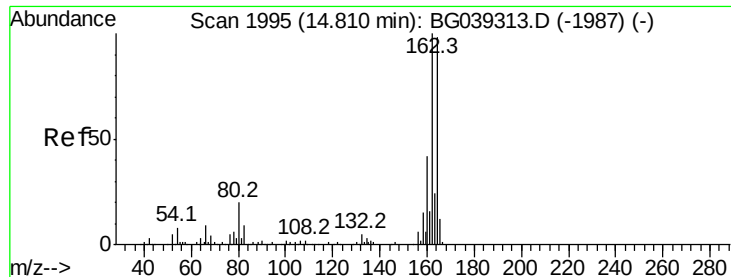


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

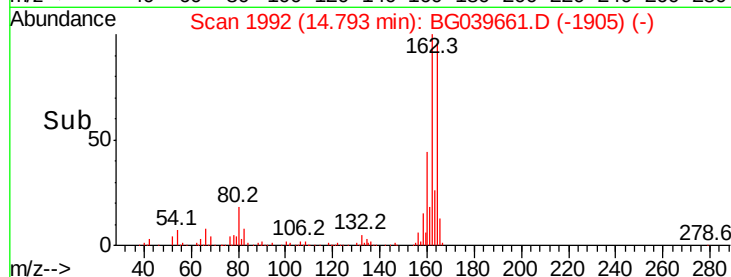
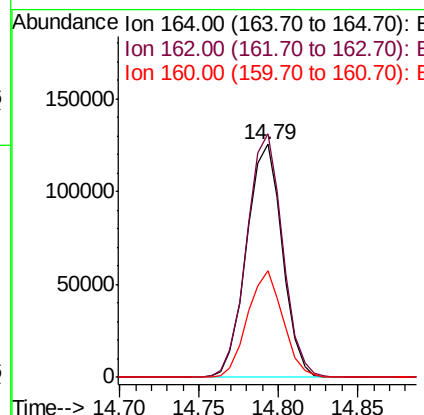
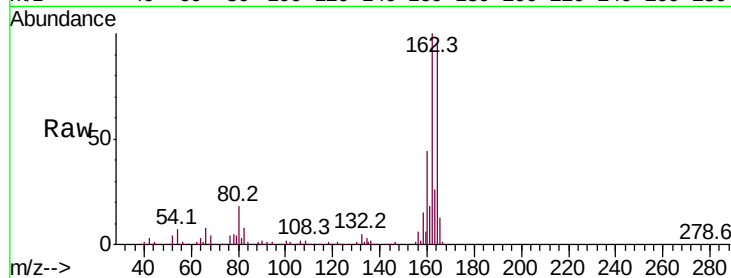




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

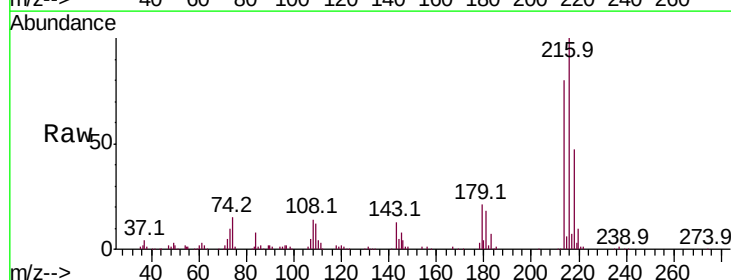
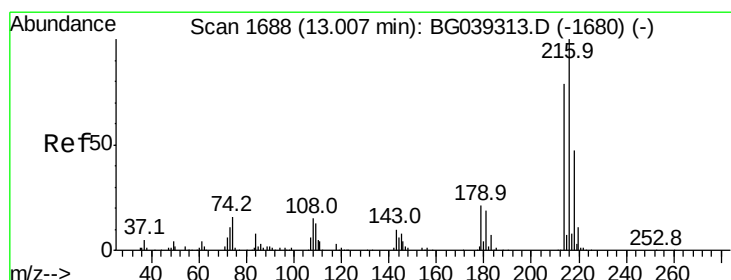
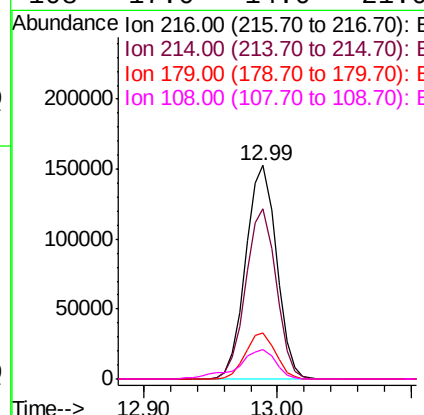
Instrument :
BNA_G
ClientSampleId :

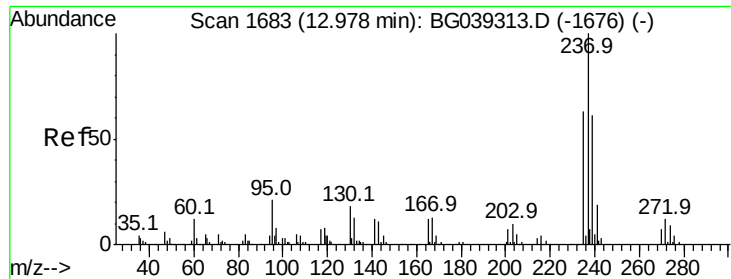
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	45.8	34.2	51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.825 ng
RT: 12.99 min Scan# 1685
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	94.0
179	21.0	16.6	25.0
108	17.0	14.0	21.0

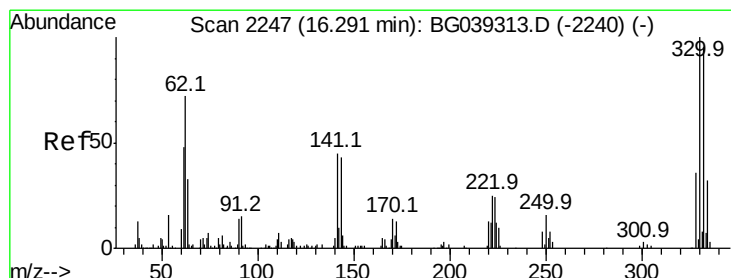
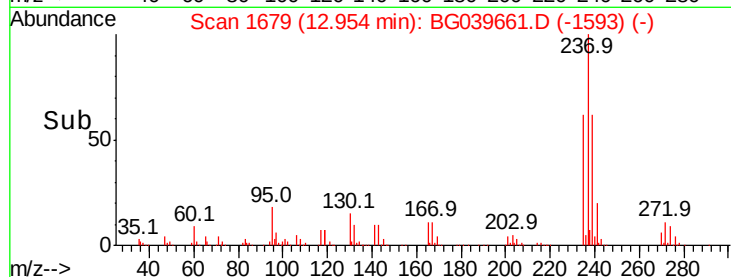
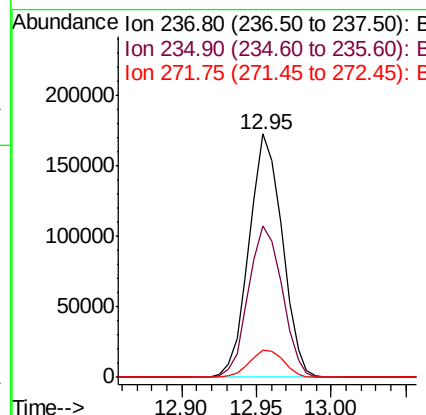
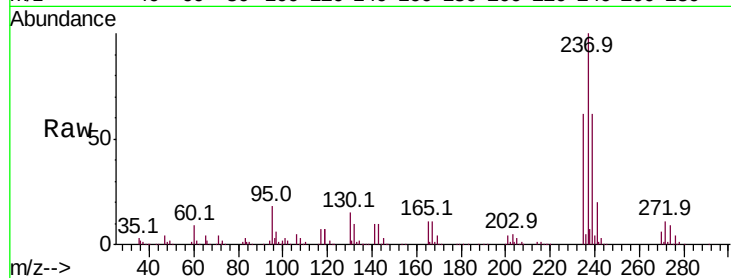




#41
Hexachlorocyclopentadiene
Concen: 77.450 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

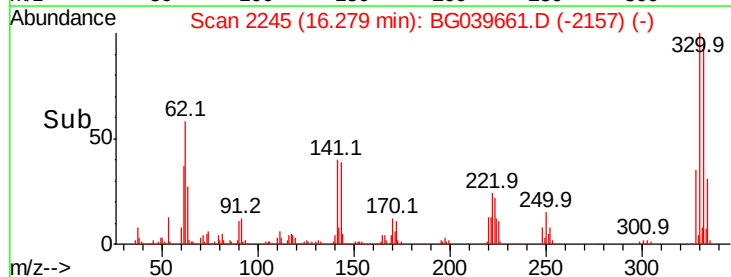
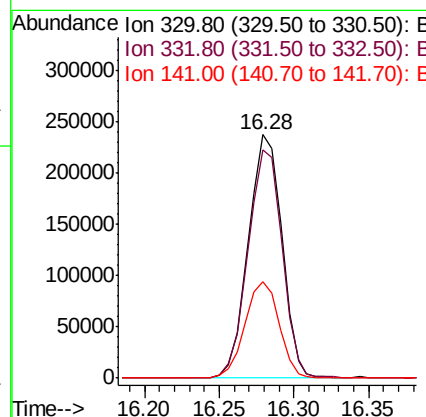
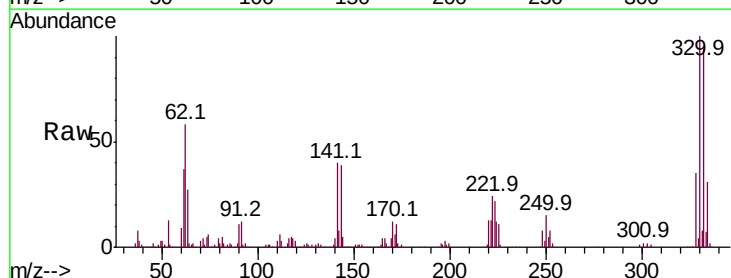
Instrument :
BNA_G
ClientSampleId :

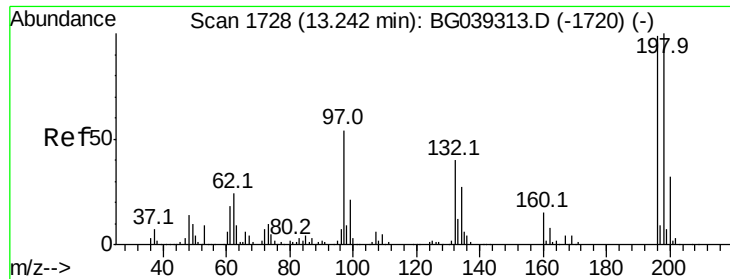
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.3	83.3
272	11.5	0.0	32.3



#42
2,4,6-Tribromophenol
Concen: 174.110 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.7	113.5
141	40.5	35.6	53.4

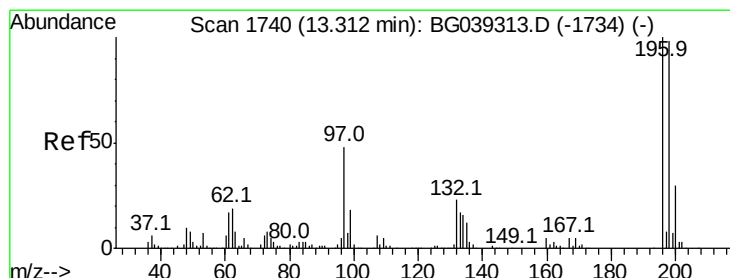
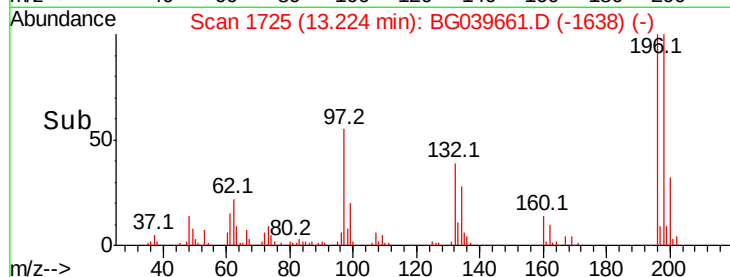
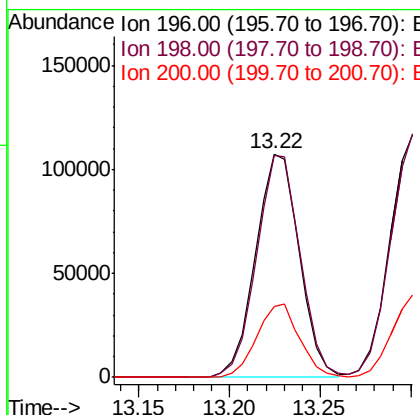
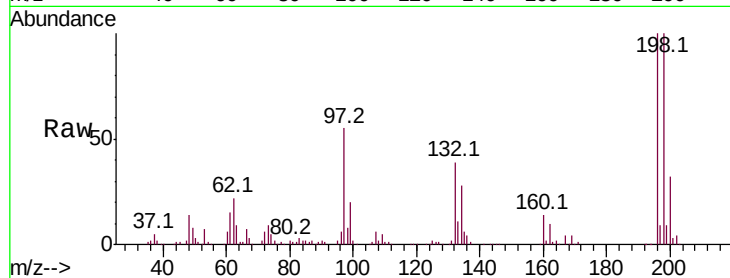




#43
 2,4,6-Trichlorophenol
 Concen: 46.930 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

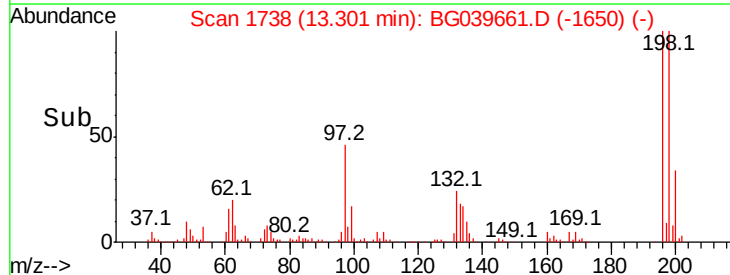
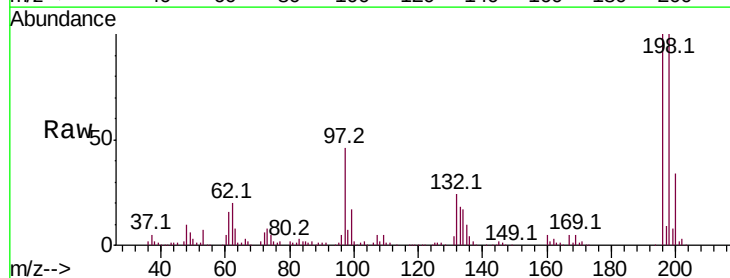
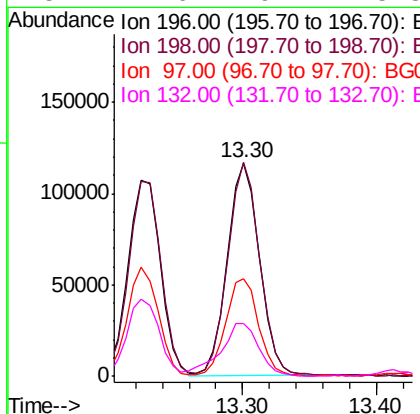
Instrument :
 BNA_G
 ClientSampleId :

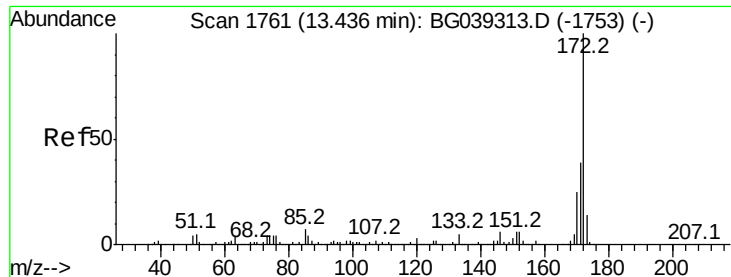
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	80.6	121.0
200	32.0	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 48.673 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	78.5	117.7
97	46.0	38.4	57.6
132	24.6	19.2	28.8

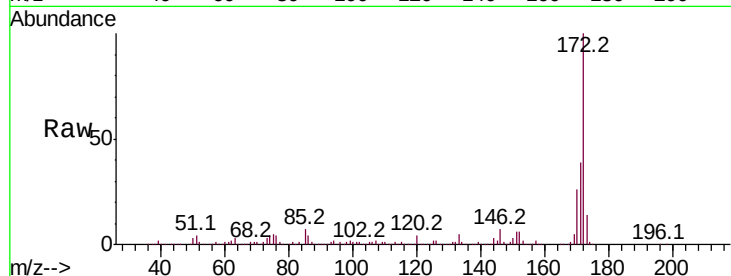




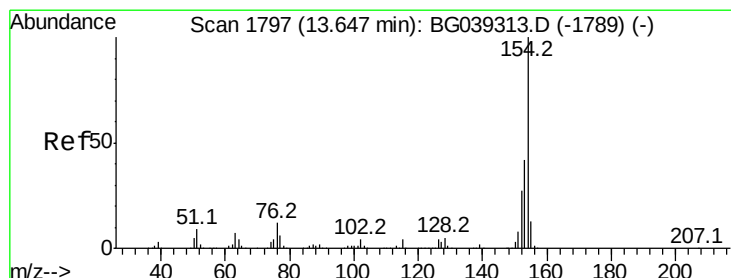
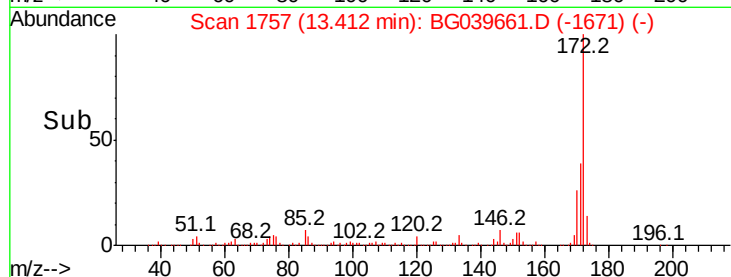
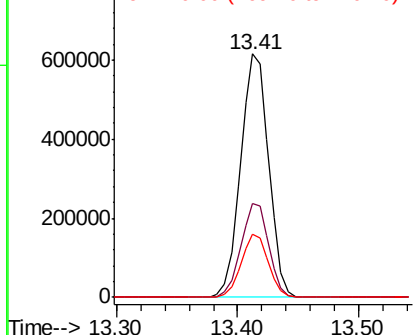
#45
2-Fluorobiphenyl
Concen: 72.440 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 993342
Ion Ratio Lower Upper
172 100
171 38.8 30.8 46.2
170 26.2 20.2 30.4

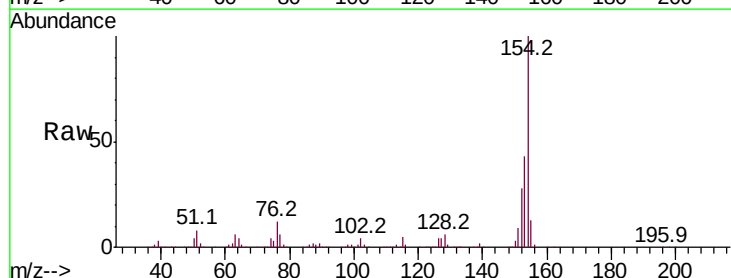


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

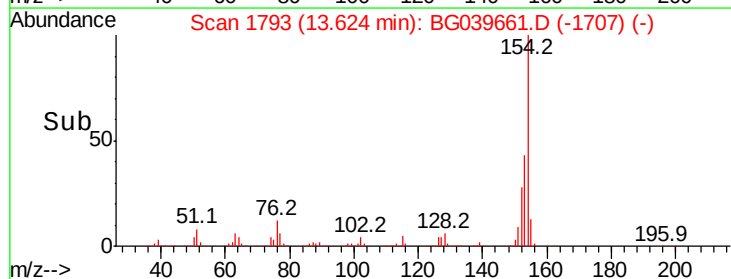
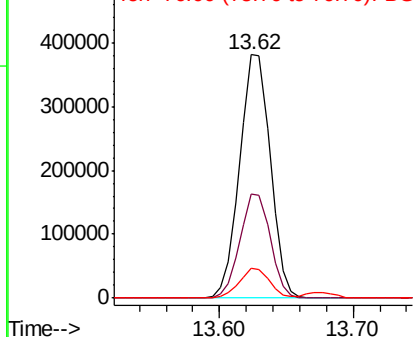


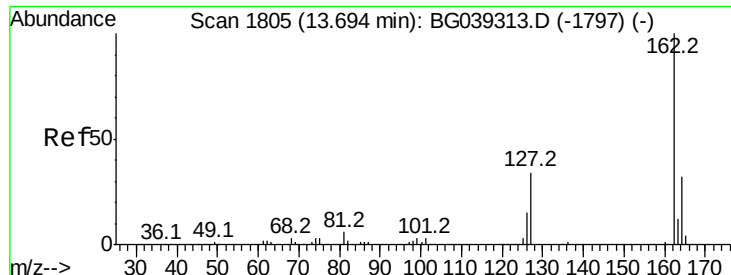
#46
1,1'-Biphenyl
Concen: 36.927 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:154 Resp: 604383
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 12.4 0.0 32.4



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

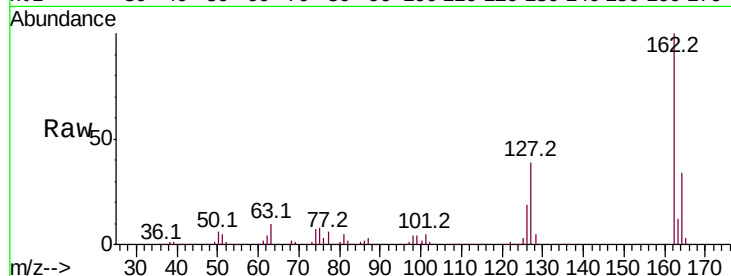




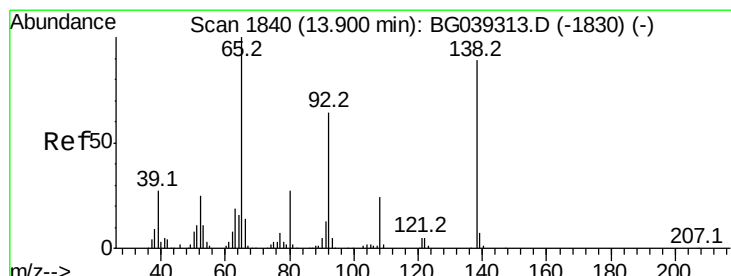
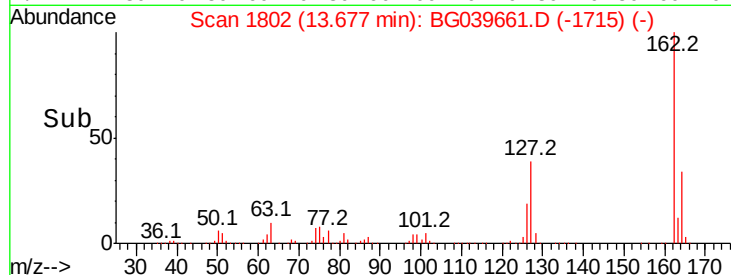
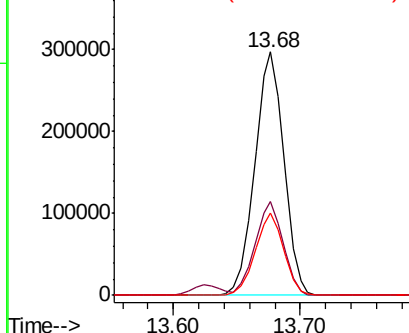
#47
2-Chloronaphthalene
Concen: 38.553 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 474686
Ion Ratio Lower Upper
162 100
127 38.5 31.0 46.6
164 33.6 25.7 38.5

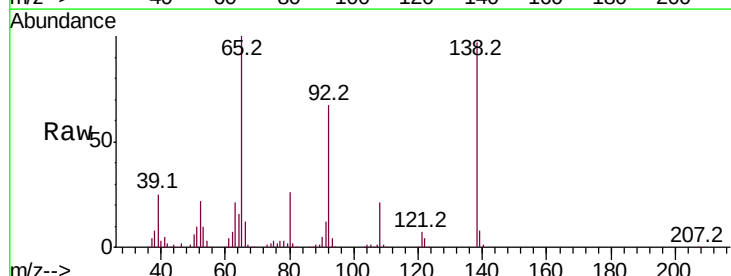


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

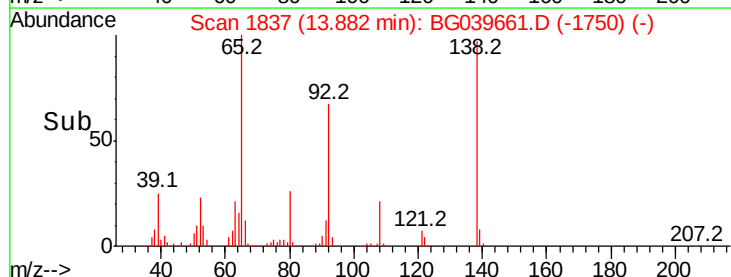
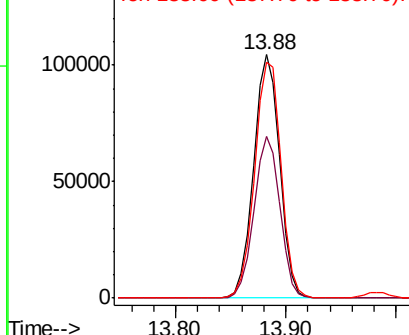


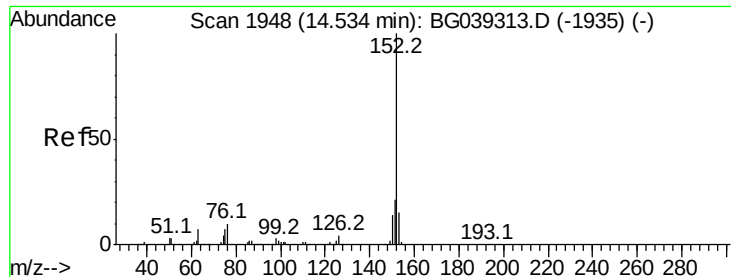
#48
2-Nitroaniline
Concen: 48.823 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion: 65 Resp: 173295
Ion Ratio Lower Upper
65 100
92 66.5 51.4 77.2
138 97.1 71.4 107.2



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





#49

Acenaphthylene

Concen: 41.869 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

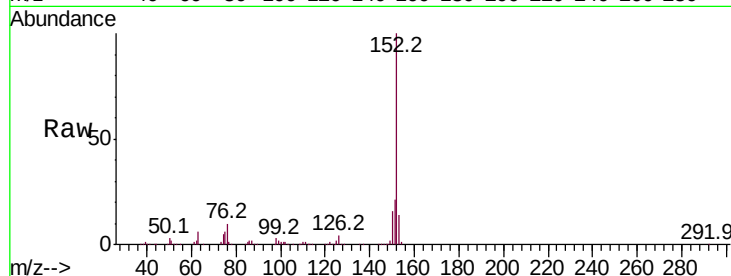
Tot Ion:152 Resp: 777884

Ion Ratio Lower Upper

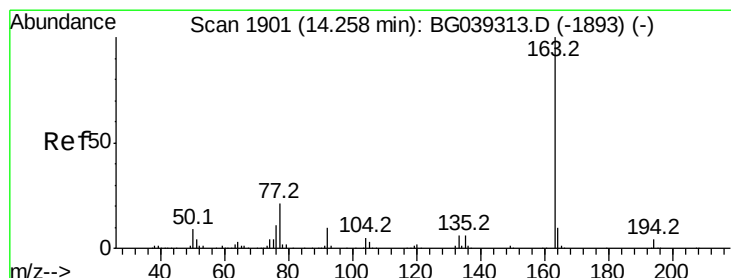
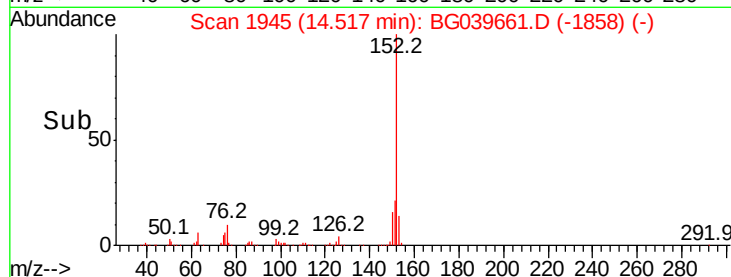
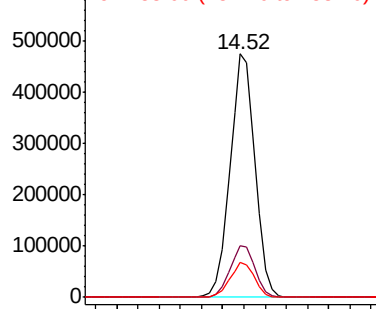
152 100

151 21.2 16.8 25.2

153 14.1 11.7 17.5



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: 41.781 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

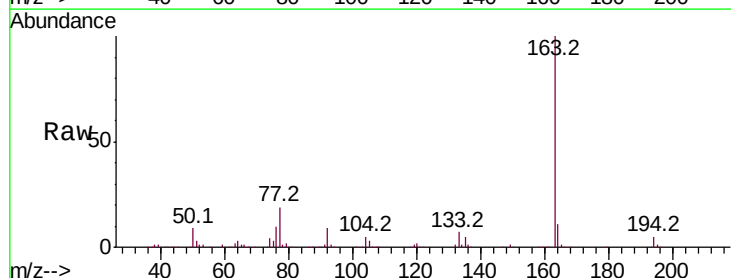
Tgt Ion:163 Resp: 663797

Ion Ratio Lower Upper

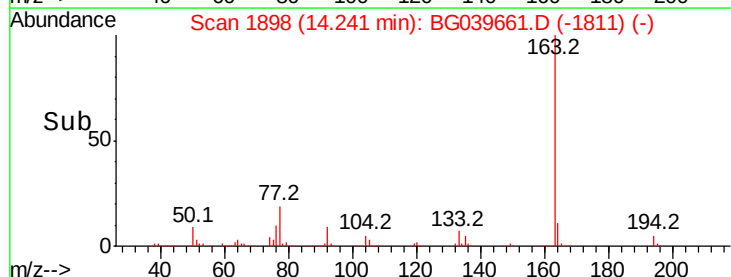
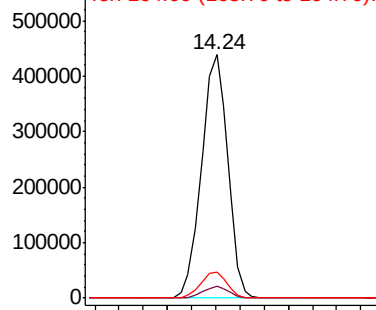
163 100

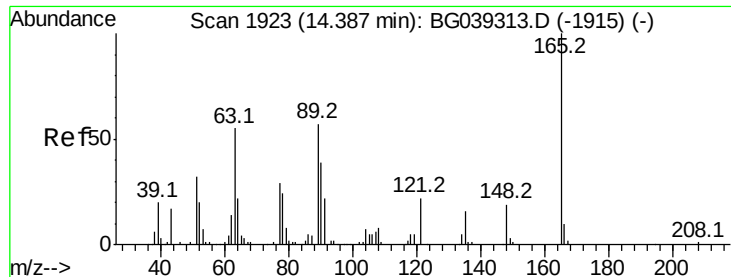
194 4.7 3.6 5.4

164 10.7 8.4 12.6



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: 51.618 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

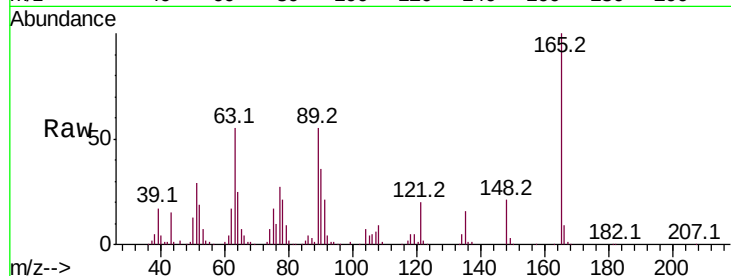
Tot Ion:165 Resp: 154971

Ion Ratio Lower Upper

165 100

63 55.1 47.0 70.6

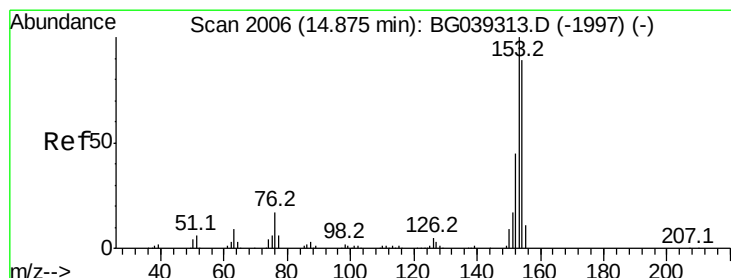
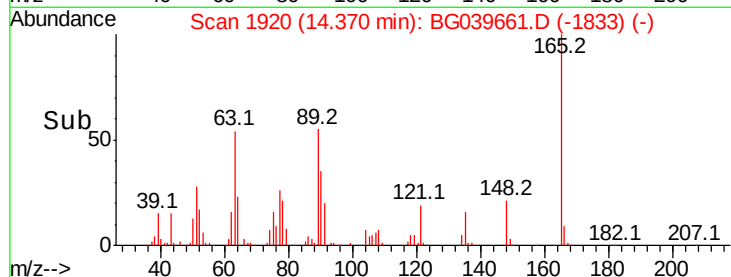
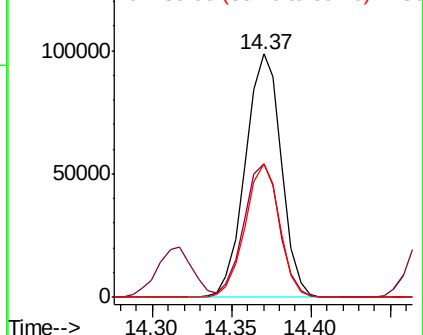
89 54.7 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.447 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

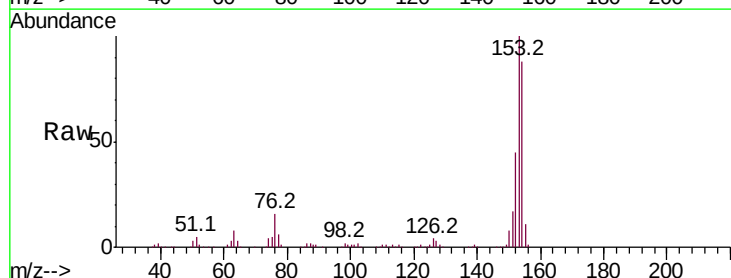
Tgt Ion:154 Resp: 475724

Ion Ratio Lower Upper

154 100

153 114.0 90.1 135.1

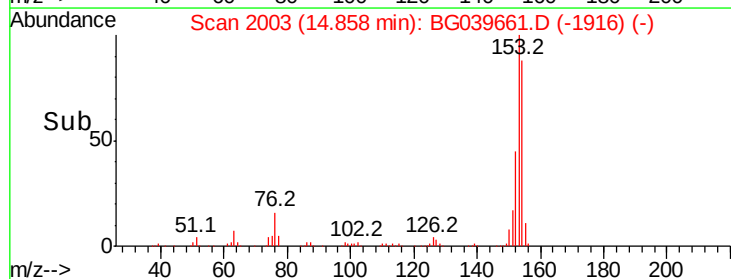
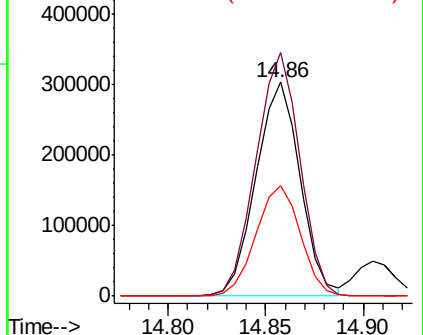
152 51.7 40.9 61.3

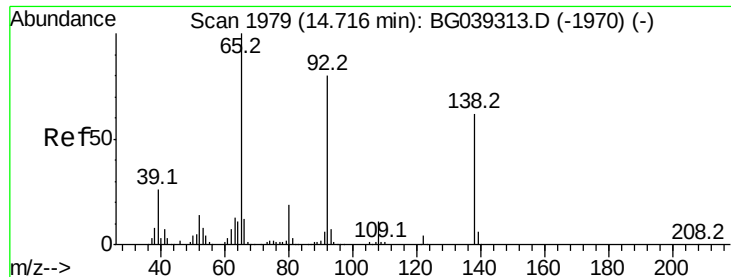


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

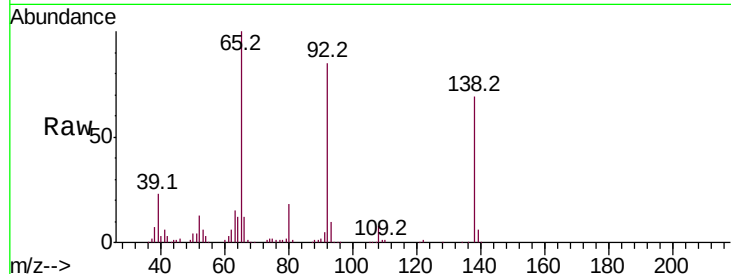




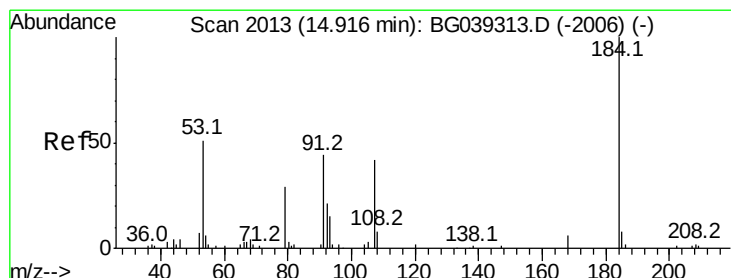
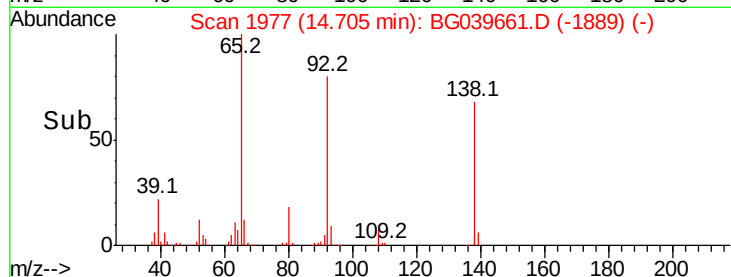
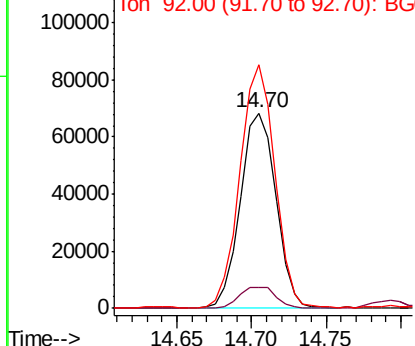
#53
3-Nitroaniline
Concen: 36.874 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 113251
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 124.5 103.7 155.5

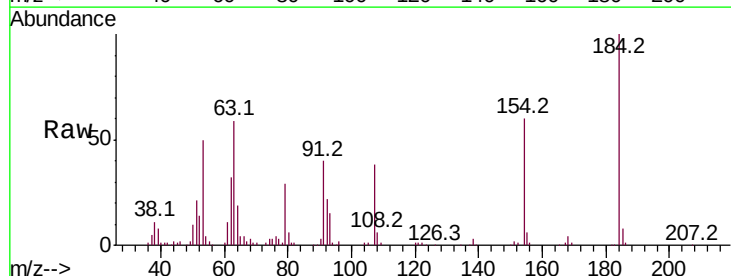


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

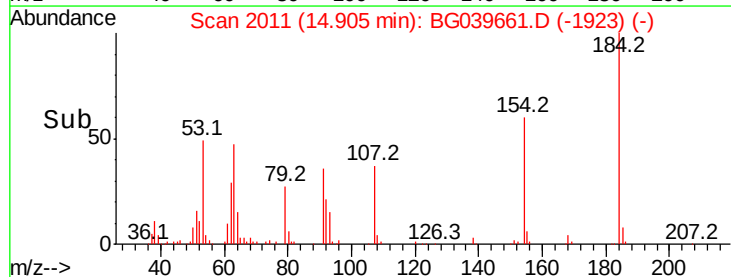
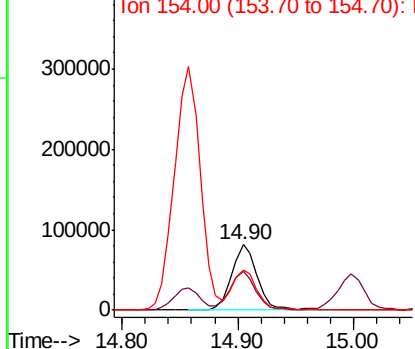


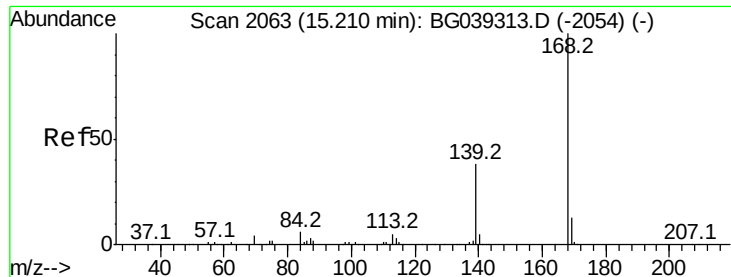
#54
2,4-Dinitrophenol
Concen: 90.080 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:184 Resp: 125619
Ion Ratio Lower Upper
184 100
63 58.9 50.9 76.3
154 60.3 53.0 79.6



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





#55

Dibenzofuran

Concen: 41.131 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

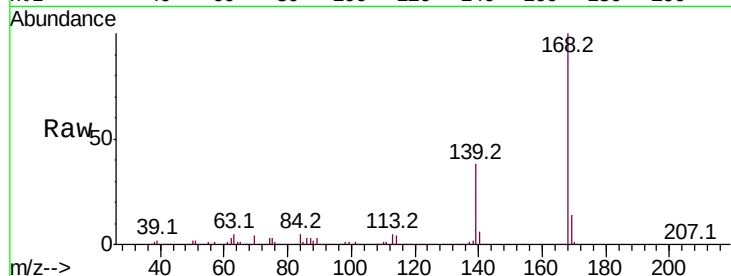
Tot Ion:168 Resp: 795306

Ion Ratio Lower Upper

168 100

139 38.0 30.1 45.1

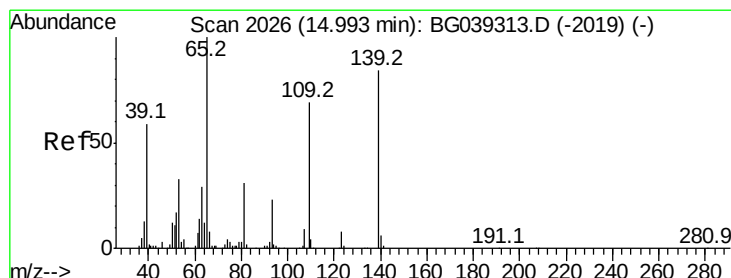
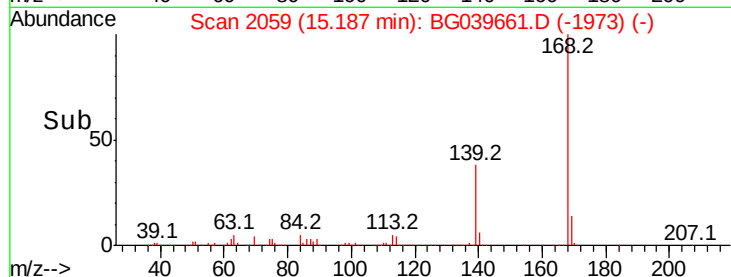
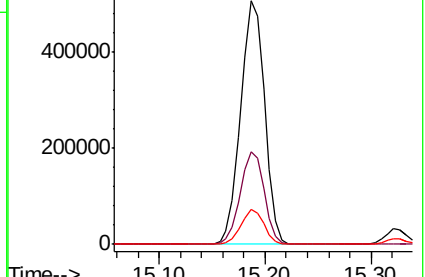
169 14.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.684 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

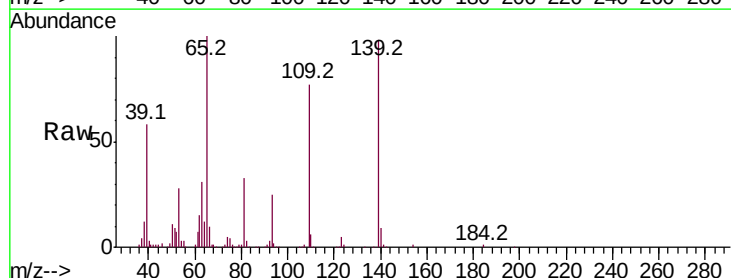
Tgt Ion:139 Resp: 238119

Ion Ratio Lower Upper

139 100

109 78.4 61.9 101.9

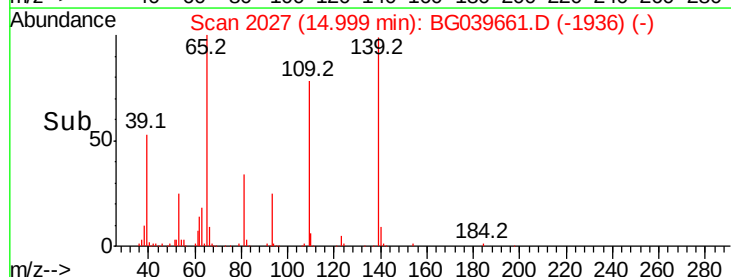
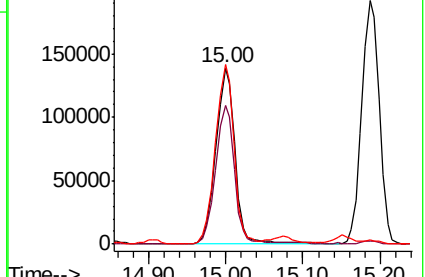
65 102.0 99.1 139.1

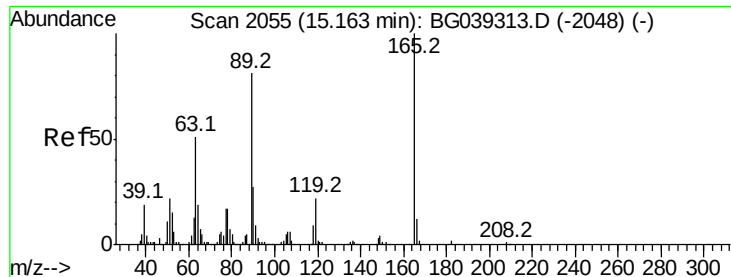


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 56.887 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 222955

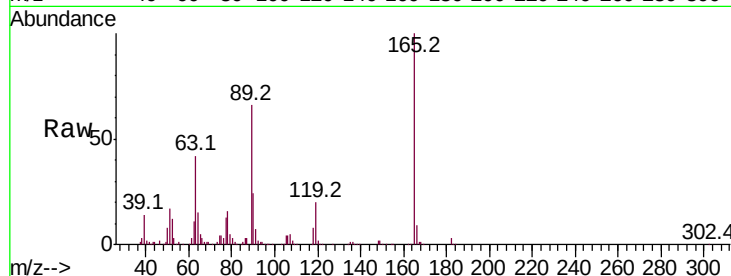
Ion Ratio Lower Upper

165 100

63 41.6 41.0 61.6

89 66.1 64.6 96.8

182 3.0 2.0 3.0

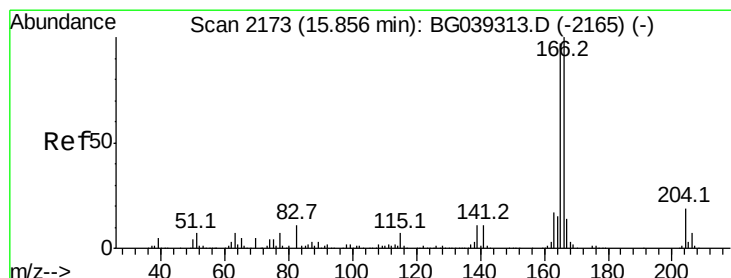
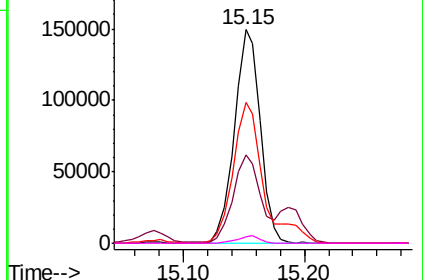
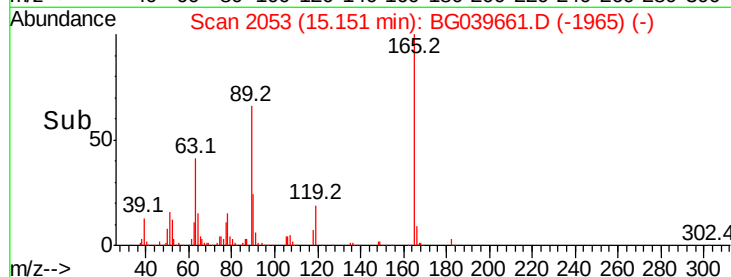


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.018 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

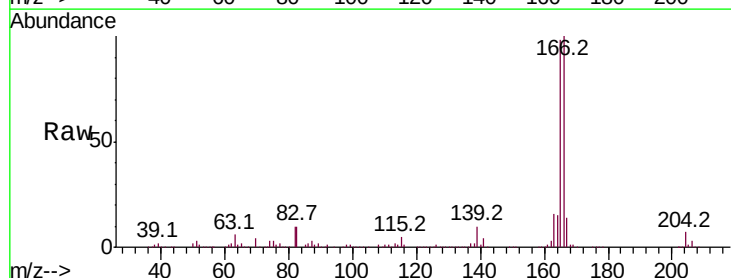
Tgt Ion:166 Resp: 634492

Ion Ratio Lower Upper

166 100

165 98.5 77.9 116.9

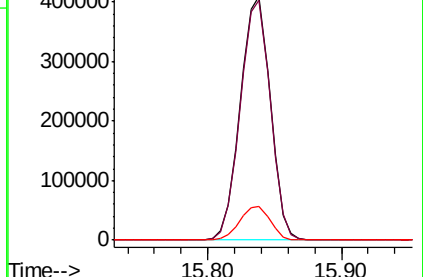
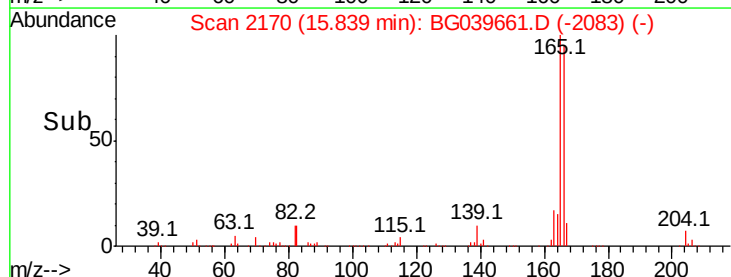
167 13.7 10.8 16.2

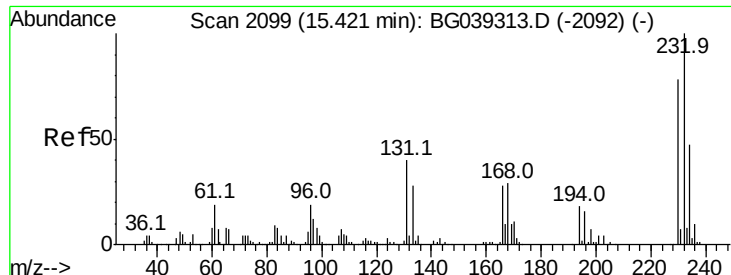


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

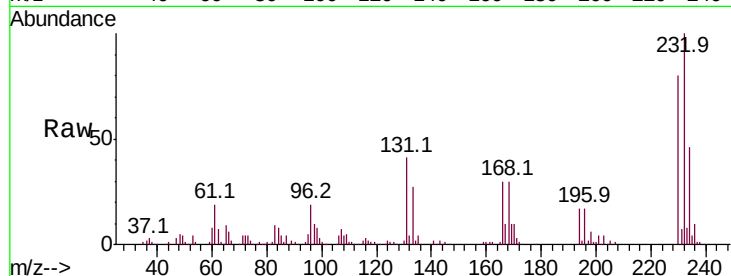




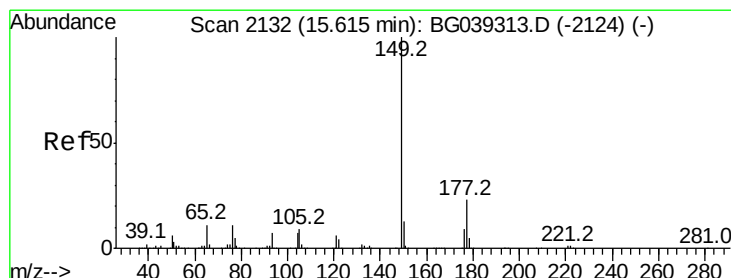
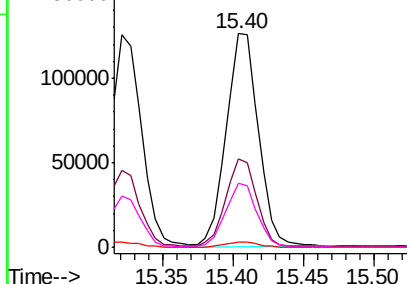
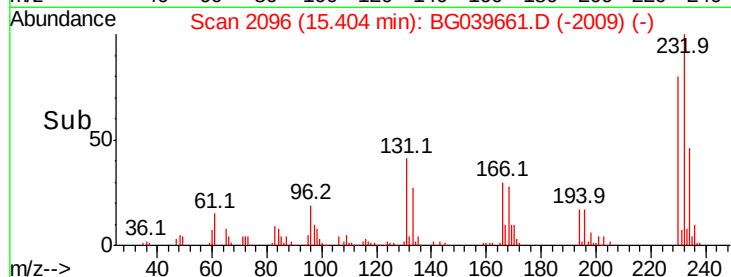
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.922 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	199858
Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	2.4	2.0	3.0
166	29.5	24.1	36.1

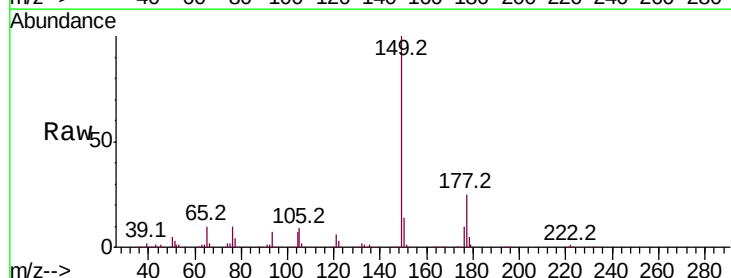


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

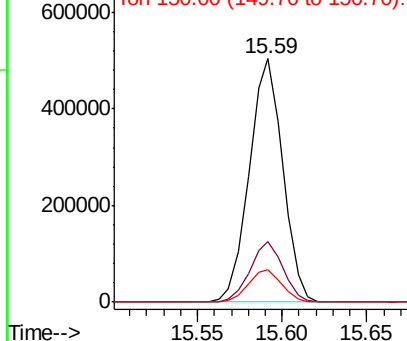
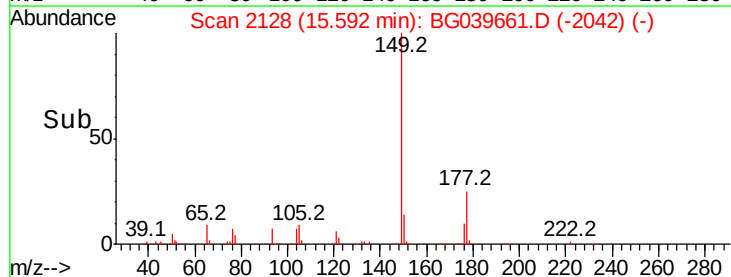


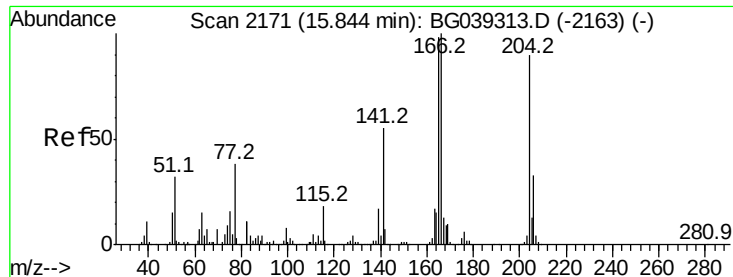
#60
 Diethylphthalate
 Concen: 42.284 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion:	149	Resp:	694577
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.3	27.5
150	13.5	10.2	15.2



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: 41.879 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

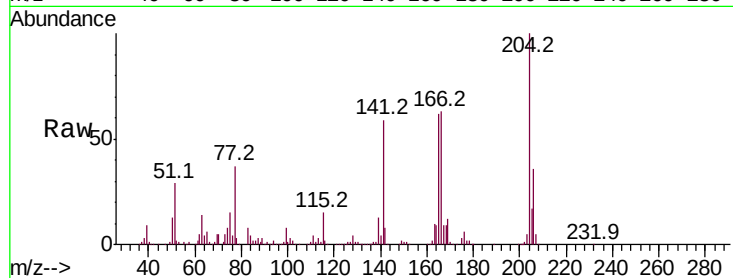
Tot Ion:204 Resp: 341806

Ion Ratio Lower Upper

204 100

206 36.2 29.2 43.8

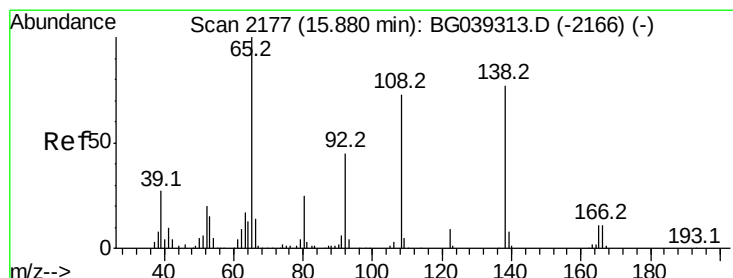
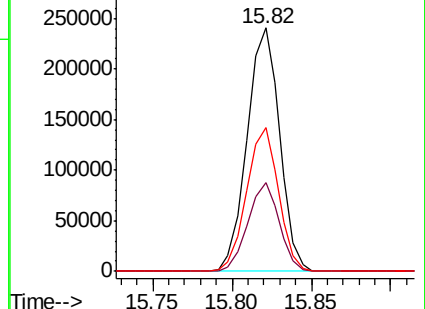
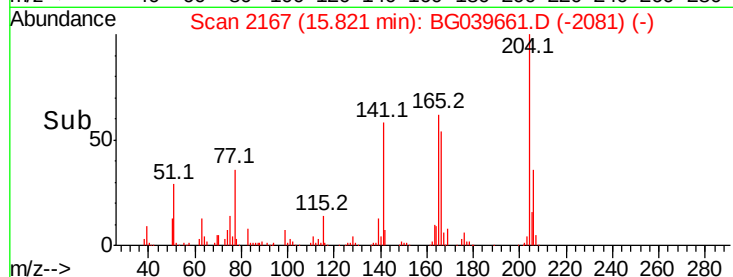
141 58.8 49.0 73.4



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: 46.596 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

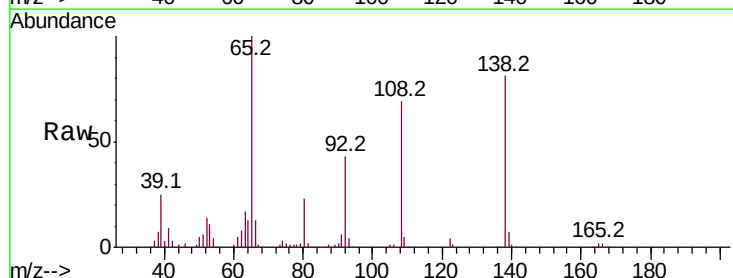
Tgt Ion:138 Resp: 154790

Ion Ratio Lower Upper

138 100

92 53.6 38.7 78.7

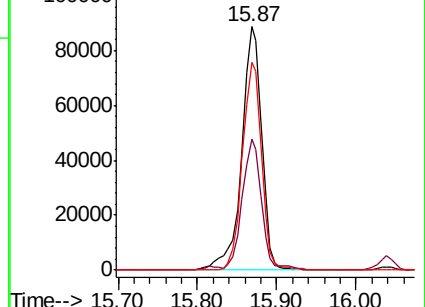
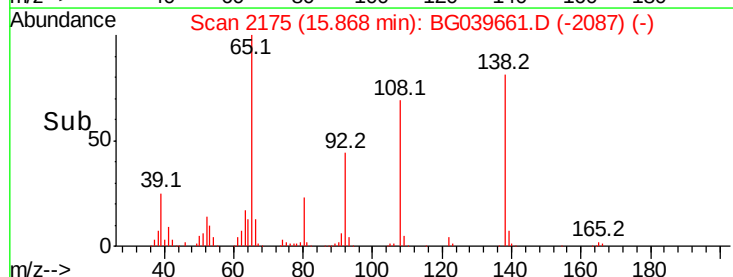
108 85.5 74.6 114.6

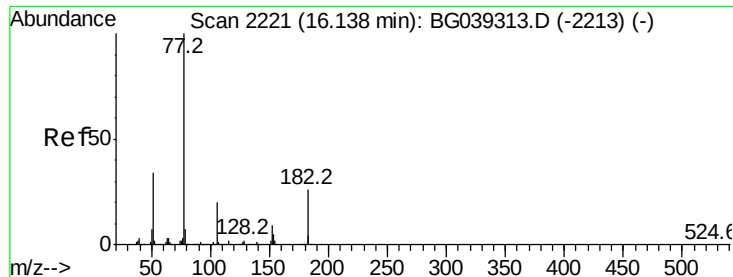


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

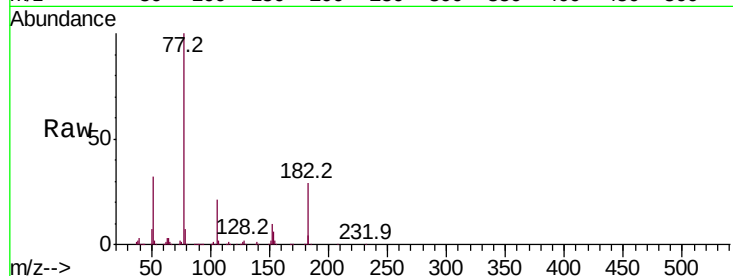




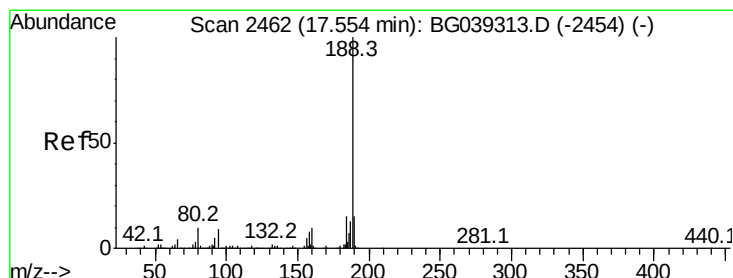
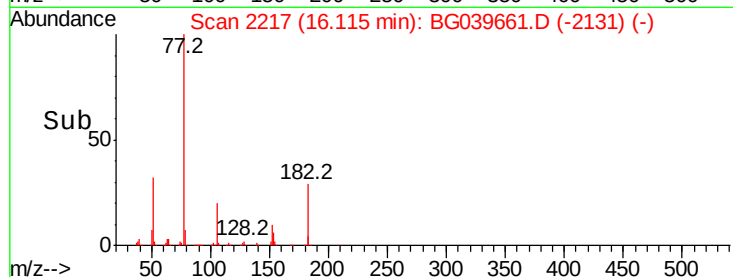
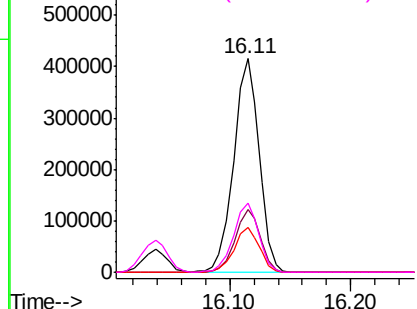
#63
Azobenzene
Concen: 37.789 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 606722
Ion Ratio Lower Upper
77 100
182 29.2 6.4 46.4
105 21.0 0.0 39.8
51 32.2 14.1 54.1

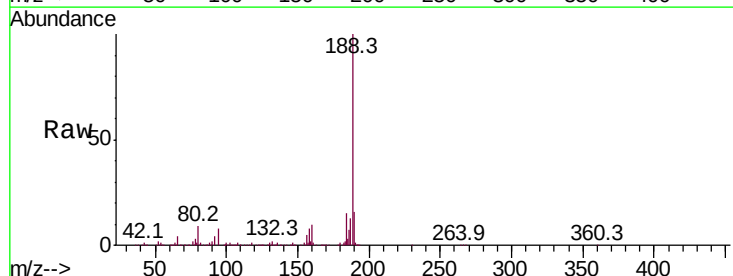


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

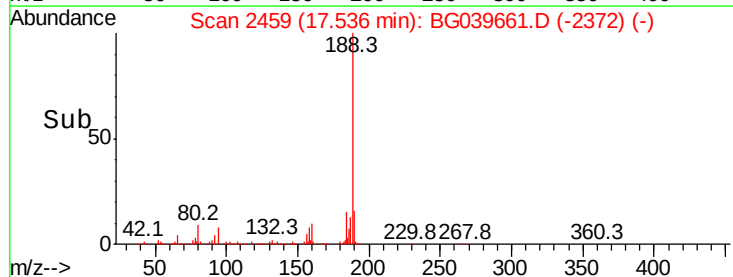
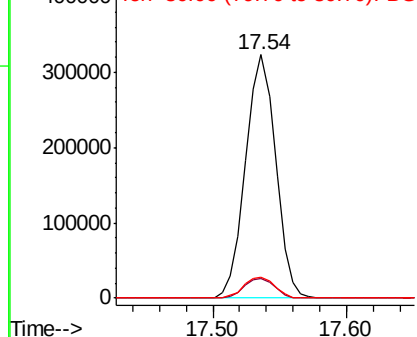


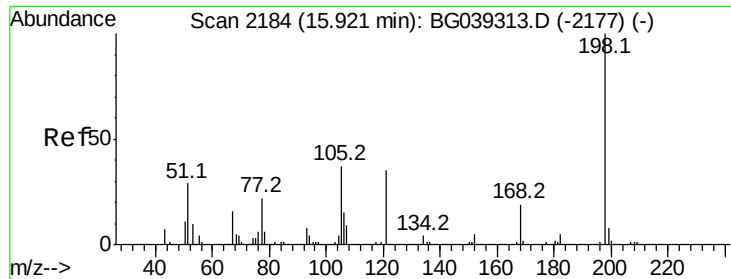
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion: 188 Resp: 504401
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.5 8.1 12.1



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: 54.416 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

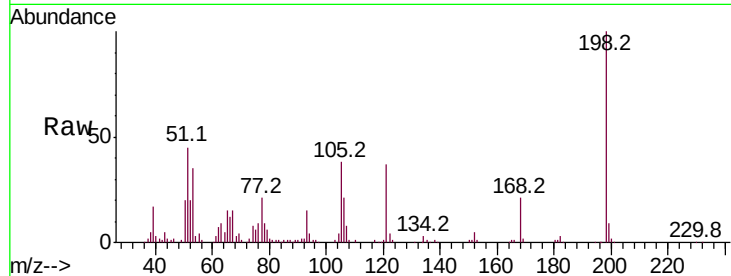
Tot Ion:198 Resp: 113943

Ion Ratio Lower Upper

198 100

51 45.4 27.4 67.4

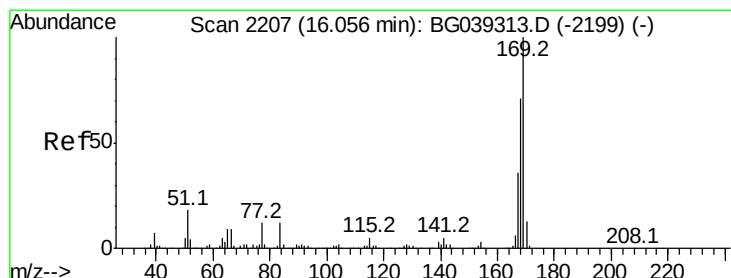
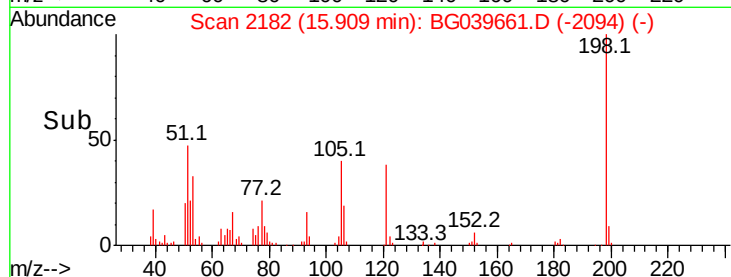
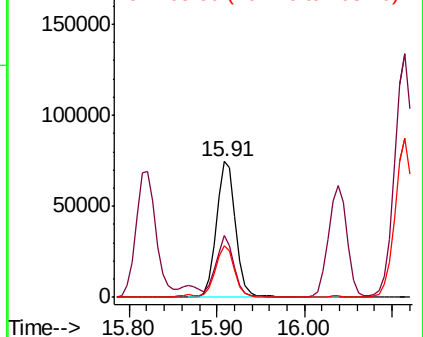
105 38.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.811 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

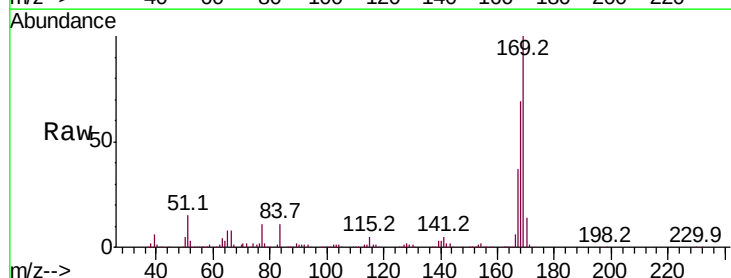
Tgt Ion:169 Resp: 595256

Ion Ratio Lower Upper

169 100

168 69.0 56.6 85.0

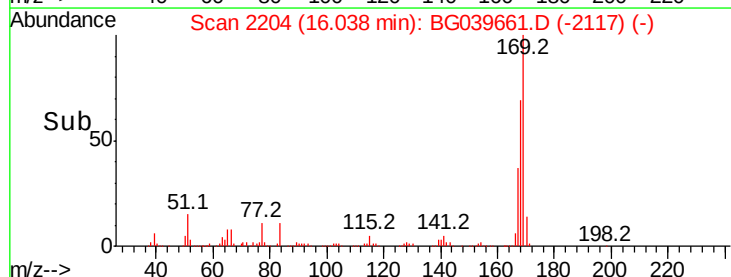
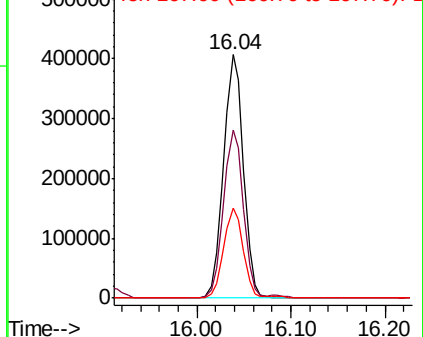
167 37.2 28.8 43.2

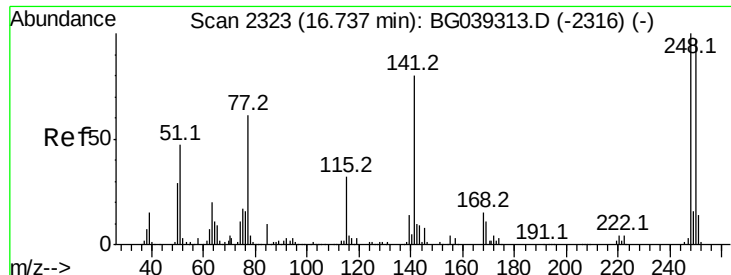


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

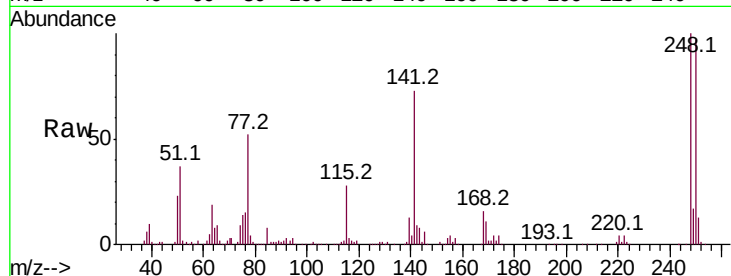




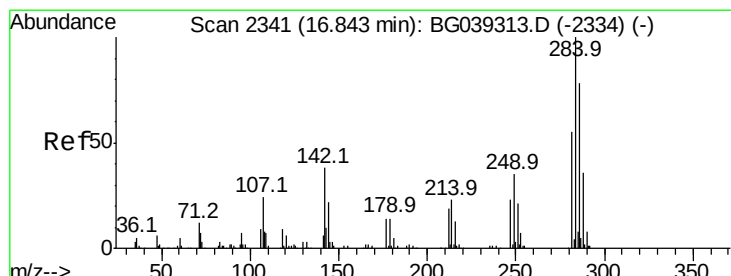
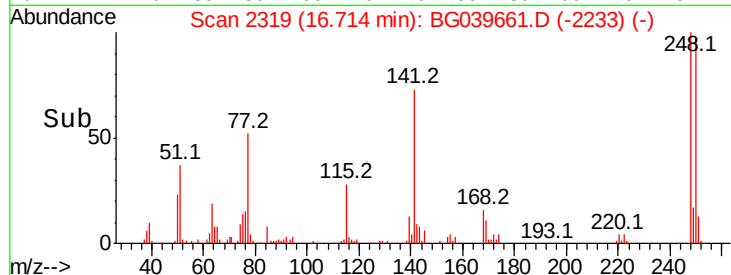
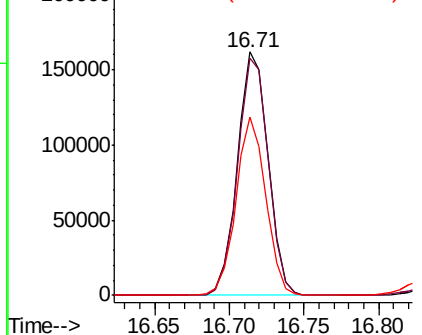
#67
4-Bromophenyl-phenylether
Concen: 41.215 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 230632
Ion Ratio Lower Upper
248 100
250 97.2 77.6 116.4
141 73.3 63.9 95.9

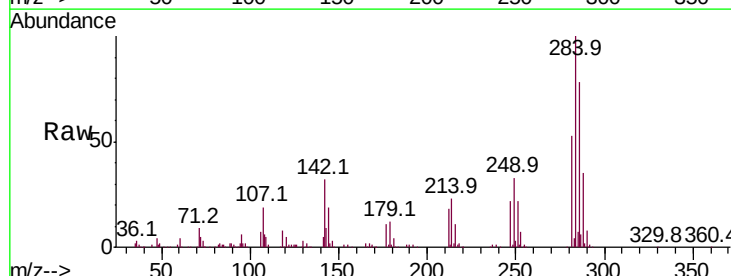


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

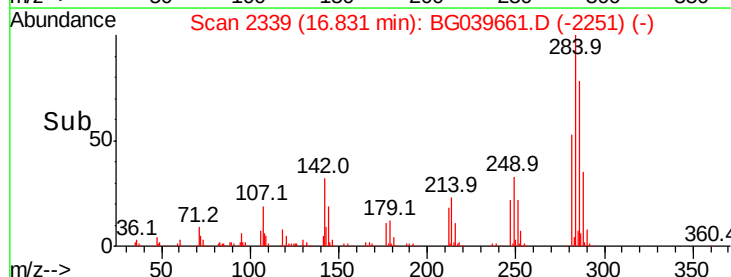
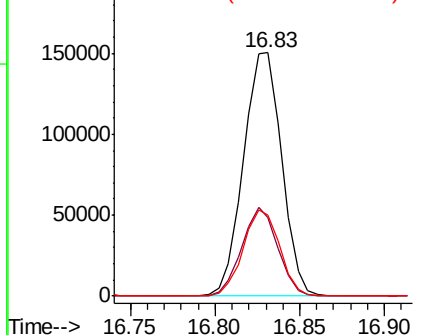


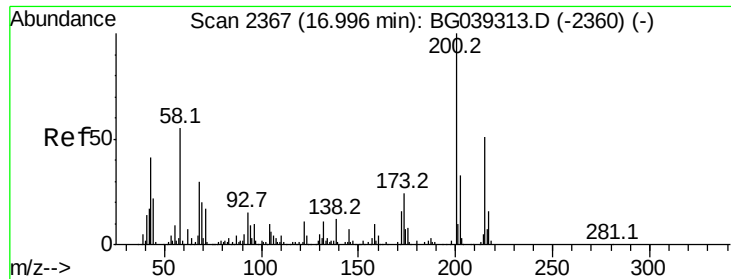
#68
Hexachlorobenzene
Concen: 42.203 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:284 Resp: 236935
Ion Ratio Lower Upper
284 100
142 32.5 30.6 45.8
249 33.2 28.2 42.2



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: 42.970 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

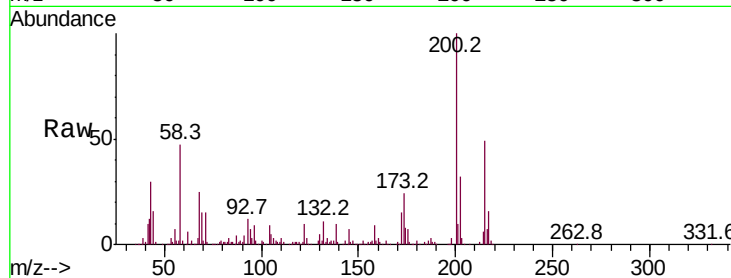
Tot Ion:200 Resp: 240840

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

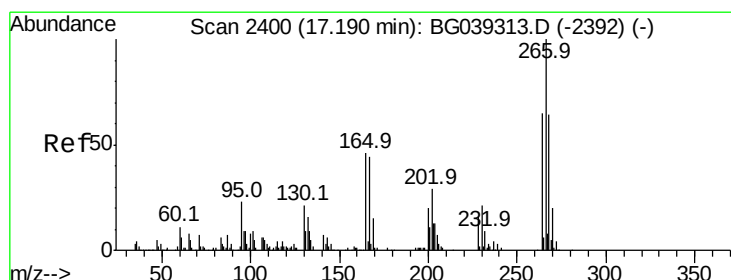
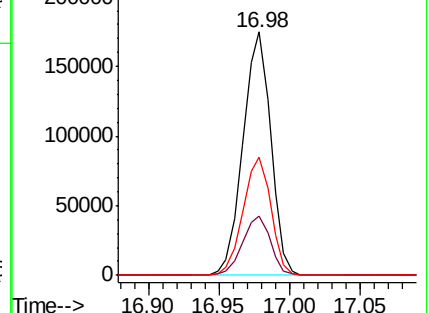
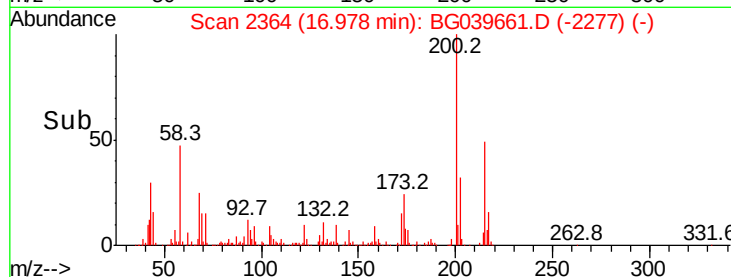
215 48.7 30.9 70.9



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: 67.022 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

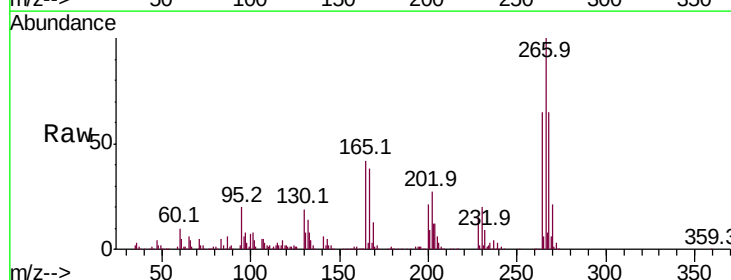
Tgt Ion:266 Resp: 261521

Ion Ratio Lower Upper

266 100

268 65.2 51.1 76.7

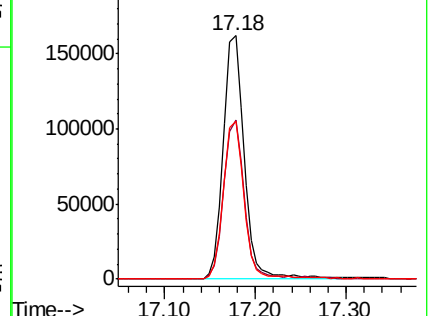
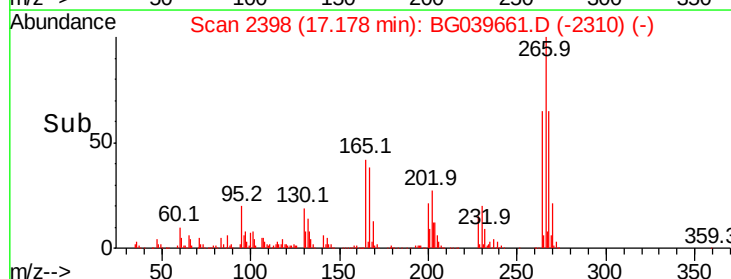
264 65.0 52.1 78.1

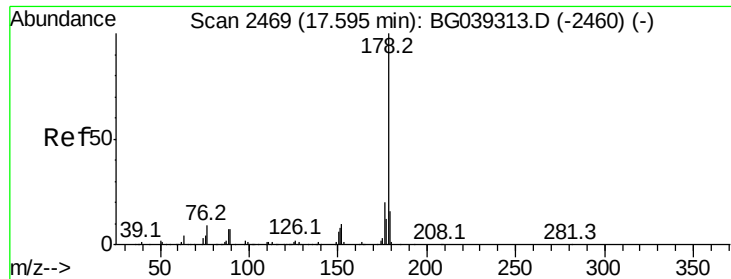


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

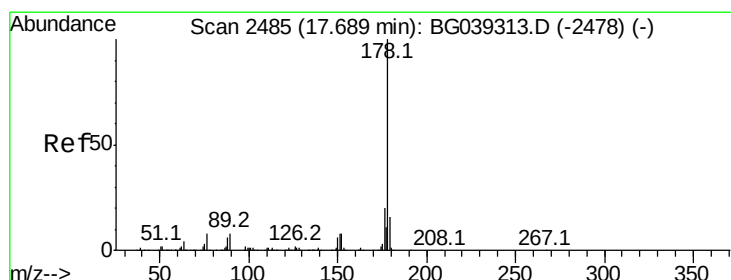
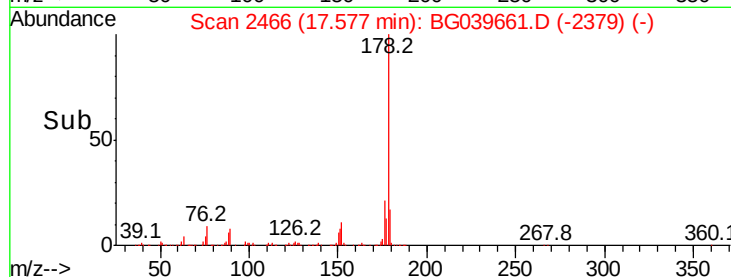
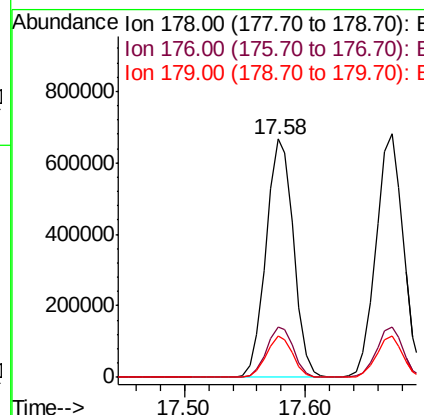
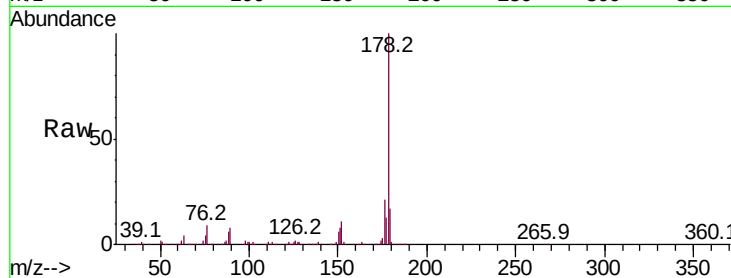




#71
Phenanthrene
Concen: 40.344 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

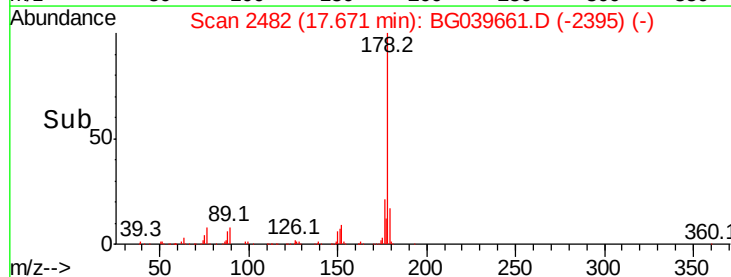
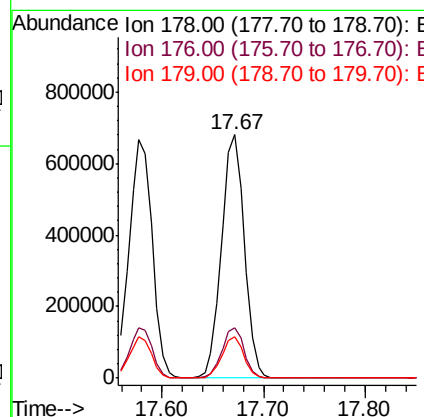
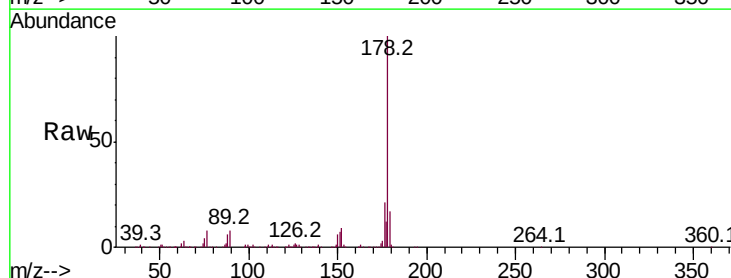
Instrument :
BNA_G
ClientSampleId :

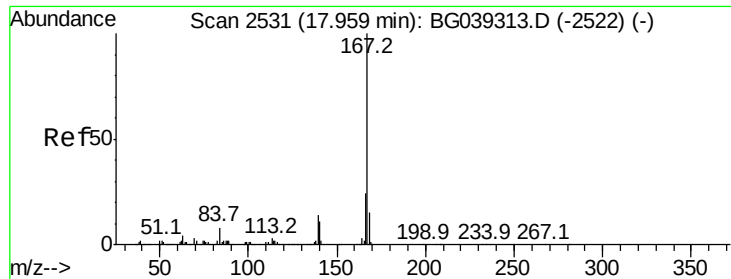
Tot Ion:178 Resp: 1053246
Ion Ratio Lower Upper
178 100
176 21.1 16.2 24.4
179 17.1 12.6 19.0



#72
Anthracene
Concen: 41.497 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:178 Resp: 1067080
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.6
179 17.0 12.5 18.7

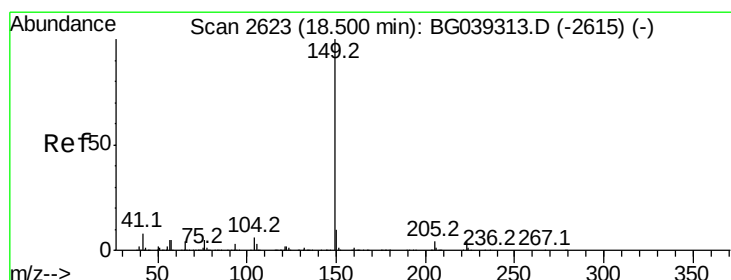
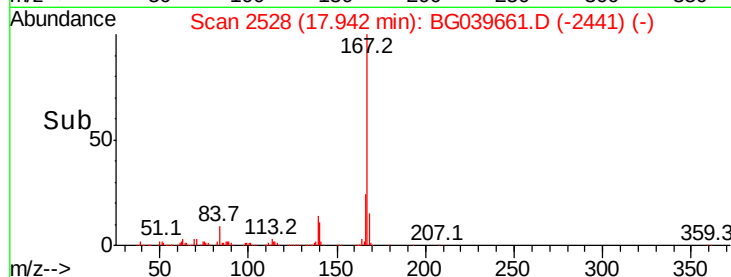
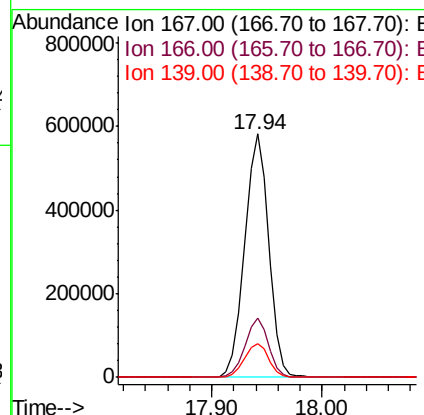
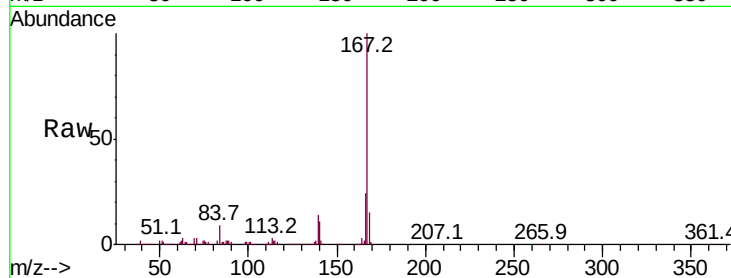




#73
 Carbazole
 Concen: 34.662 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

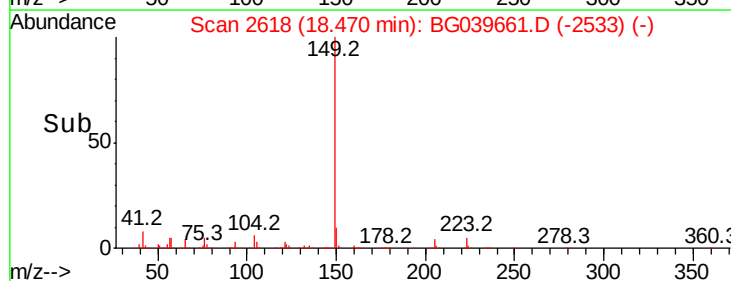
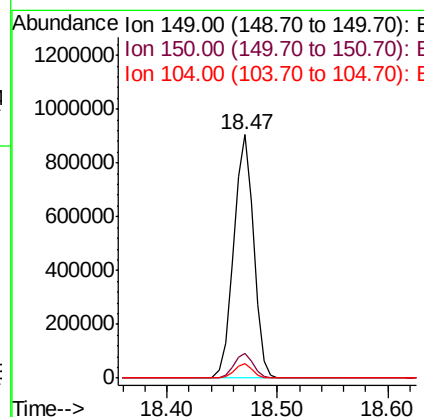
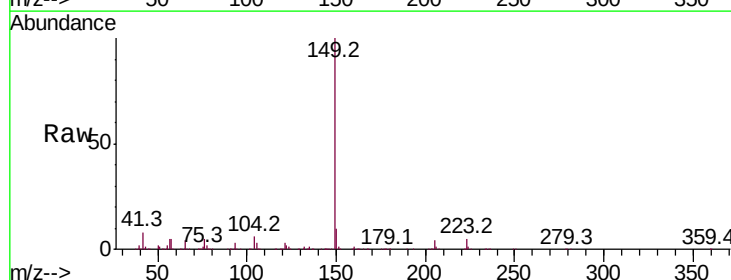
Instrument :
 BNA_G
 ClientSampleId :

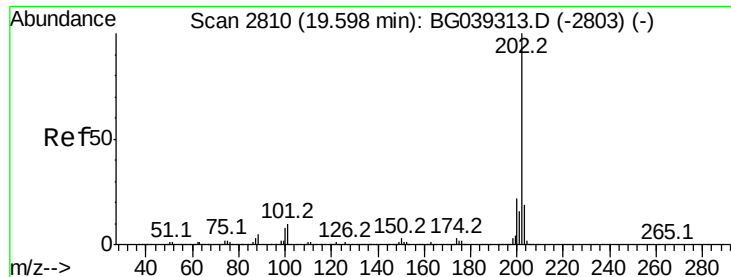
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.4	29.2
139	13.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.286 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039661.D
 Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.7	11.5
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 36.782 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

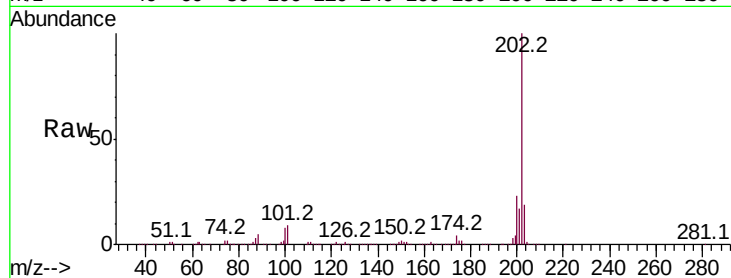
Tot Ion:202 Resp: 1114545

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

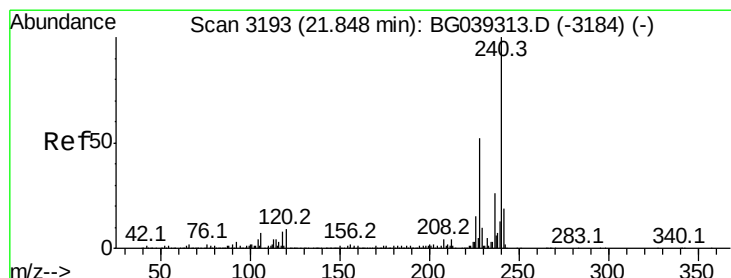
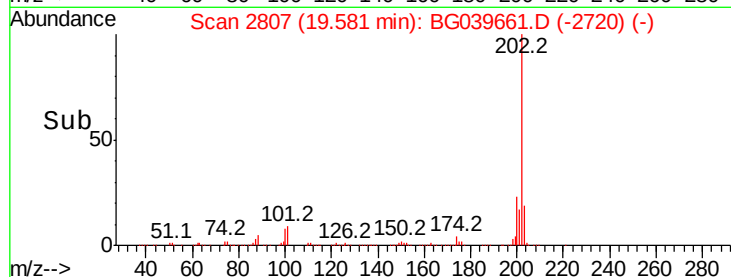
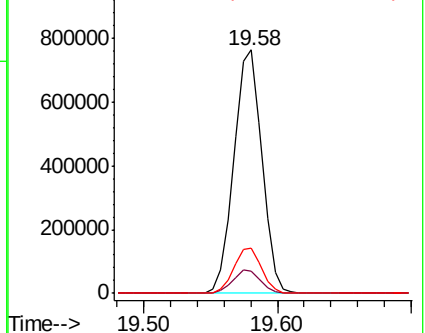
203 18.8 0.0 38.9



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: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

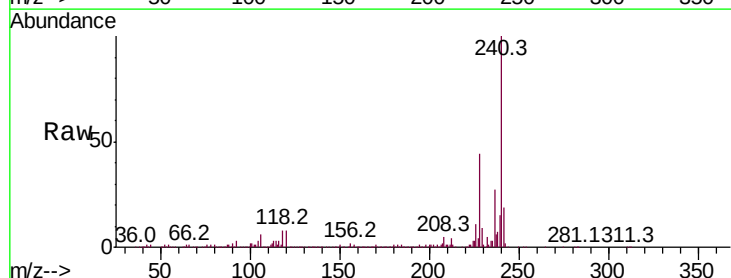
Tgt Ion:240 Resp: 382188

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

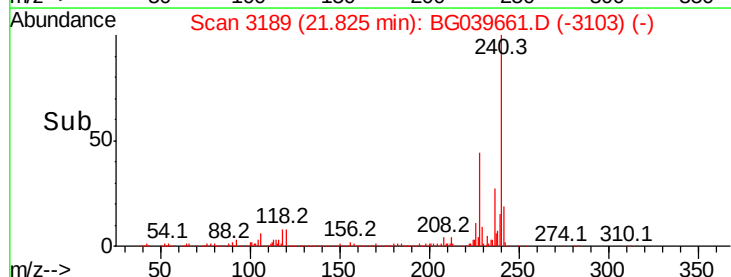
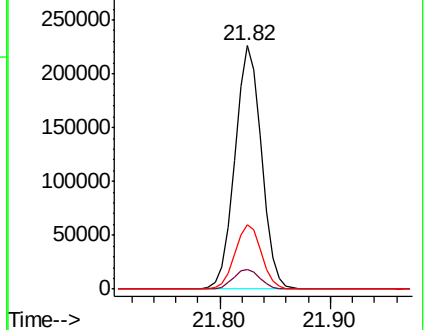
236 26.5 21.0 31.4

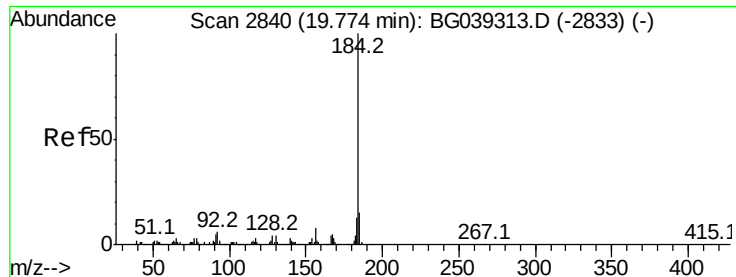


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.740 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

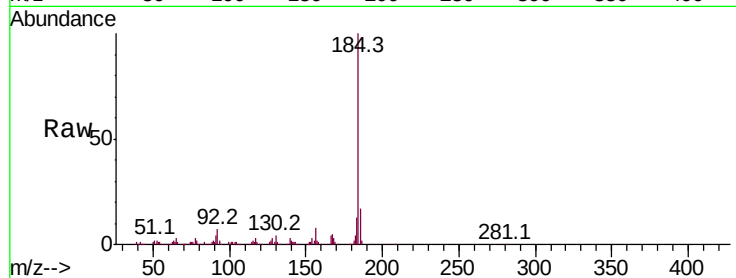
Tot Ion:184 Resp: 272406

Ion Ratio Lower Upper

184 100

185 16.7 12.2 18.2

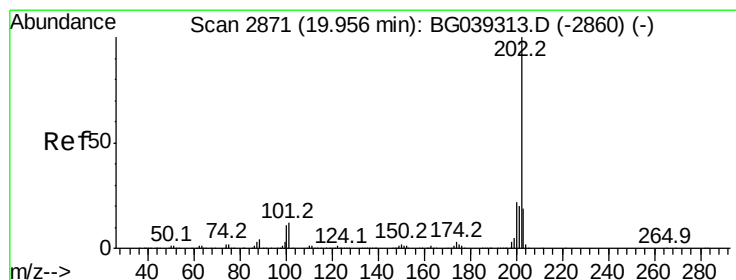
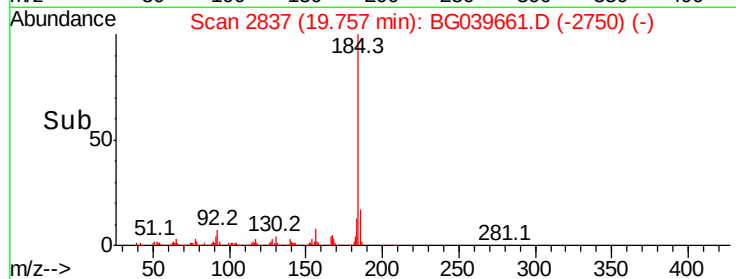
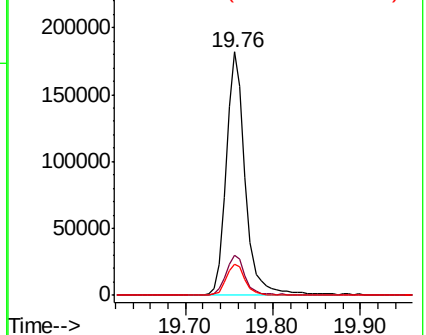
183 13.0 10.6 15.8



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: 45.664 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

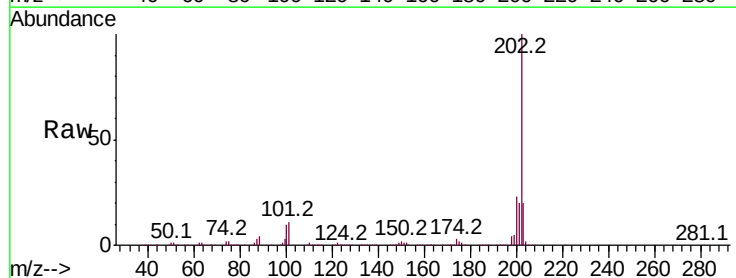
Tgt Ion:202 Resp: 1086452

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

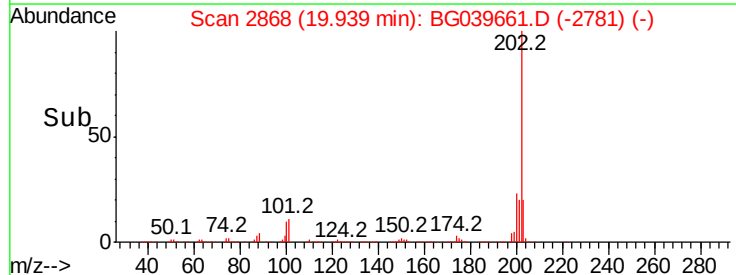
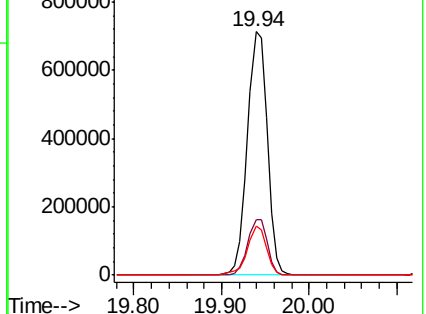
203 20.1 15.3 22.9

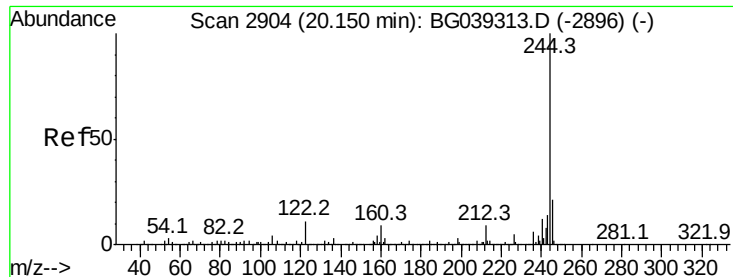


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.629 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

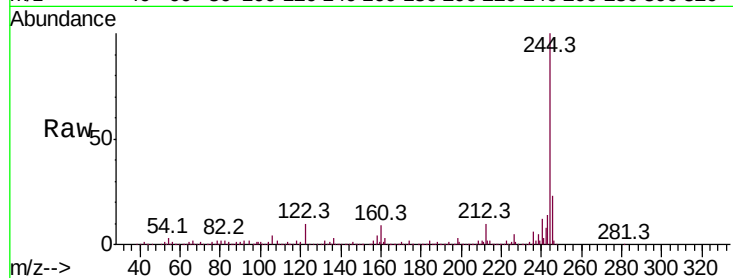
Tot Ion:244 Resp: 1528048

Ion Ratio Lower Upper

244 100

212 10.2 7.3 10.9

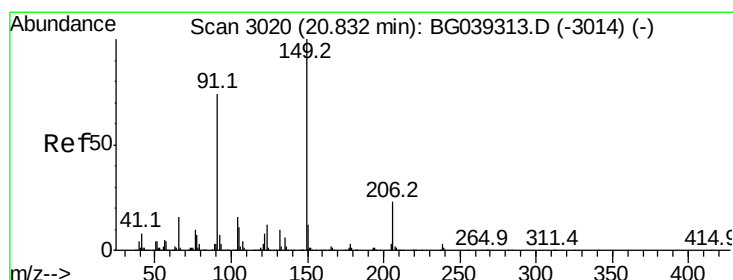
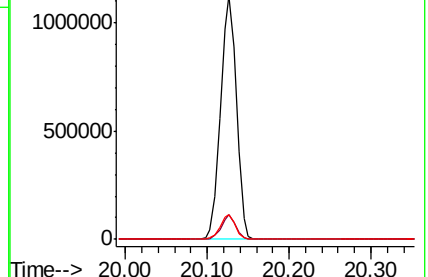
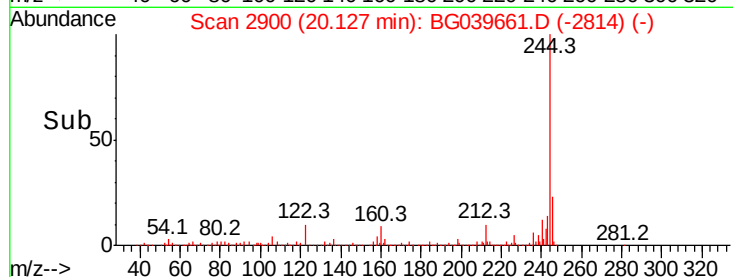
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.810 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.03 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

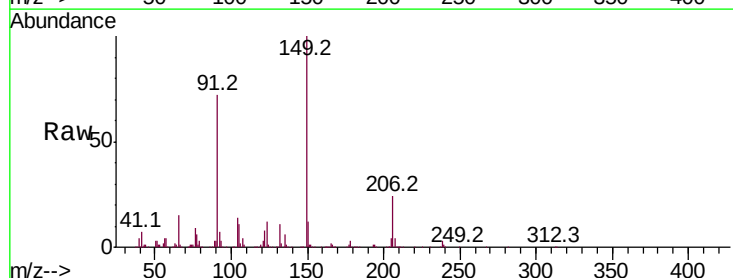
Tgt Ion:149 Resp: 409585

Ion Ratio Lower Upper

149 100

91 71.5 59.5 89.3

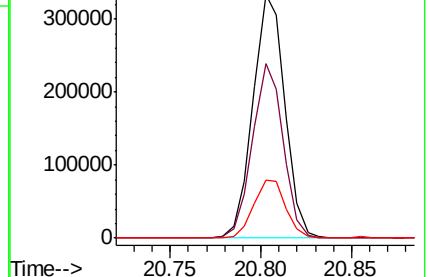
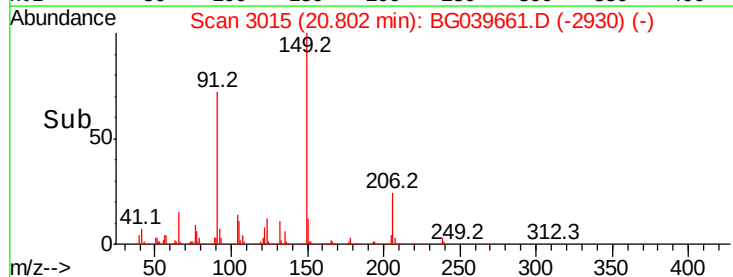
206 23.8 18.6 27.8

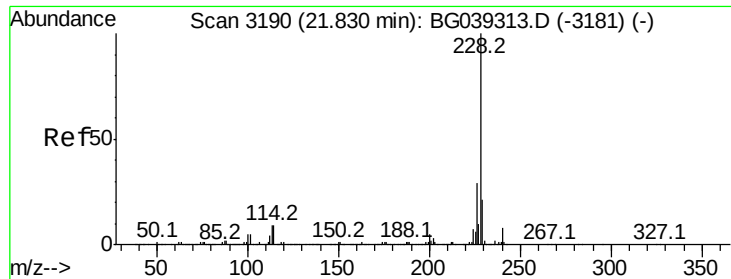


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

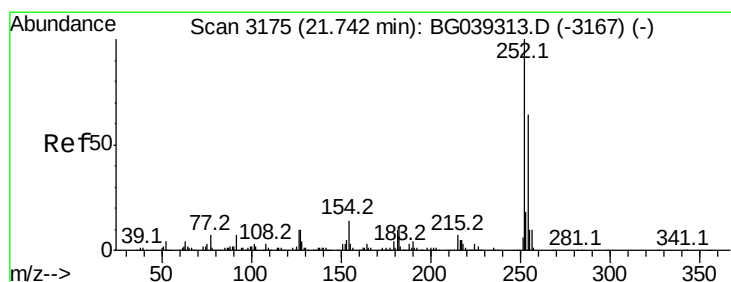
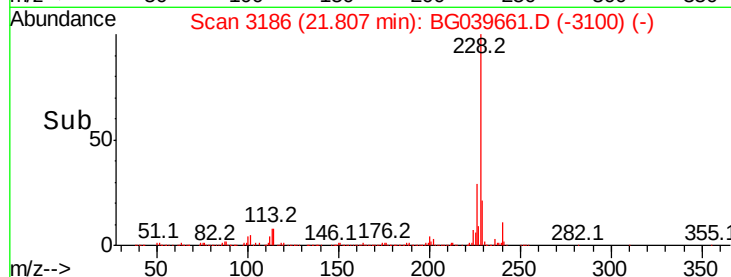
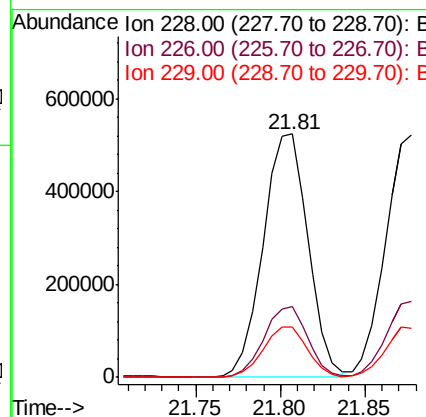
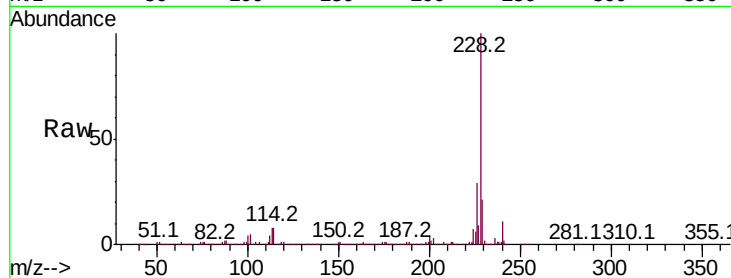




#81
Benzo(a)anthracene
Concen: 42.576 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

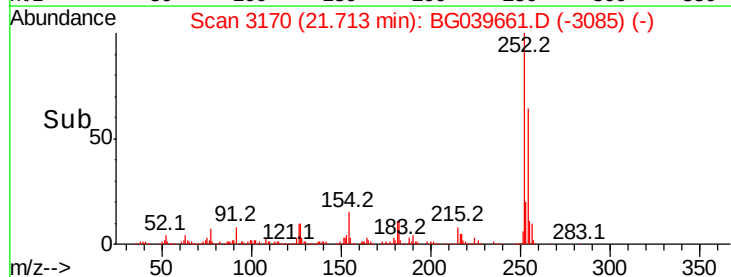
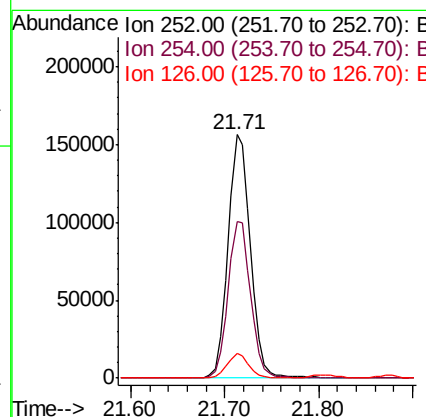
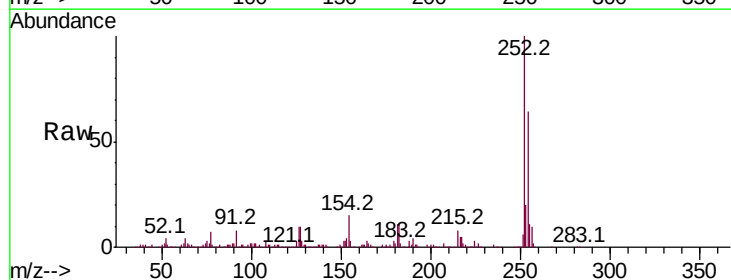
Instrument :
BNA_G
ClientSampleId :

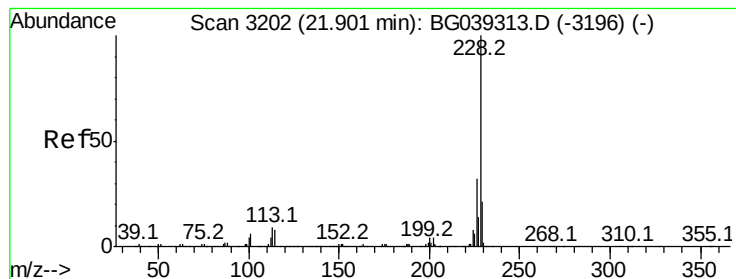
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	20.9	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 30.836 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	10.3	8.0	12.0





#83

Chrysene

Concen: 41.772 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

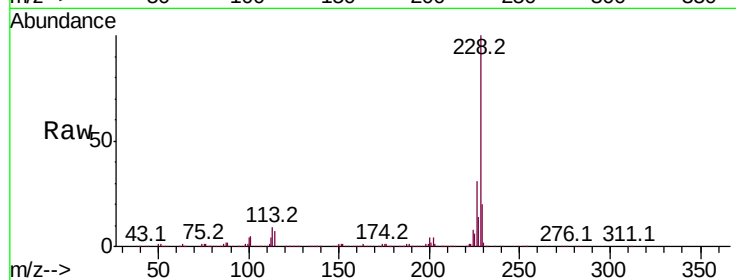
Tot Ion:228 Resp: 898007

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.8	38.6
229	20.4	16.6	25.0

228 100

226 31.3 25.8 38.6

229 20.4 16.6 25.0

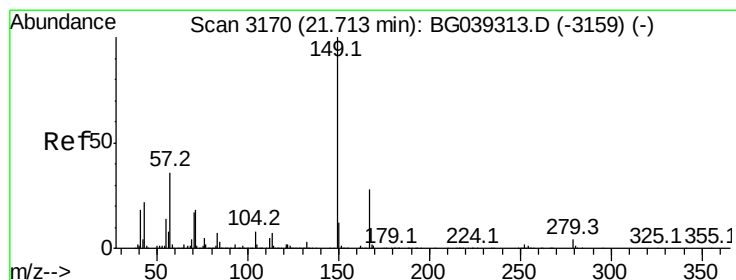
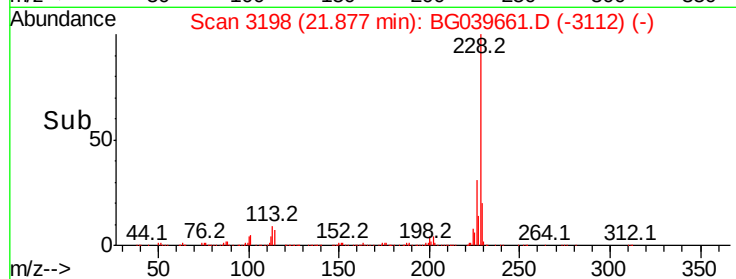
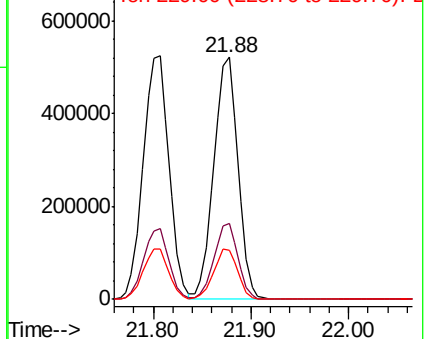


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.571 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.05 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

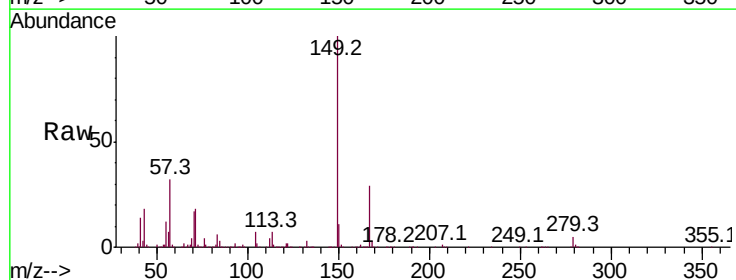
Tgt Ion:149 Resp: 566590

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	4.5	3.5	5.3

149 100

167 28.7 22.6 34.0

279 4.5 3.5 5.3

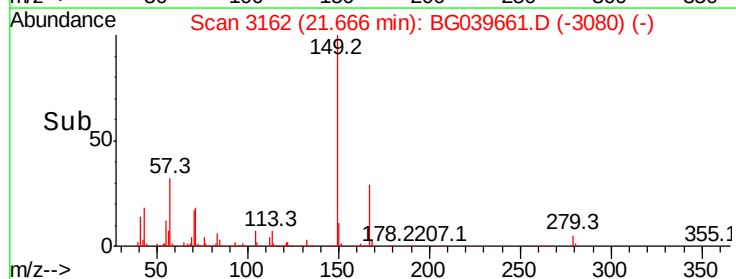
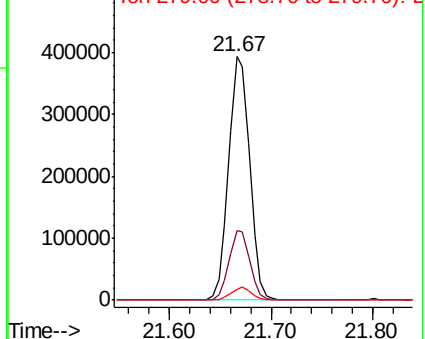


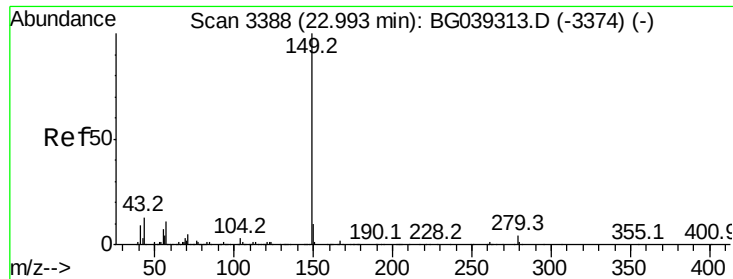
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

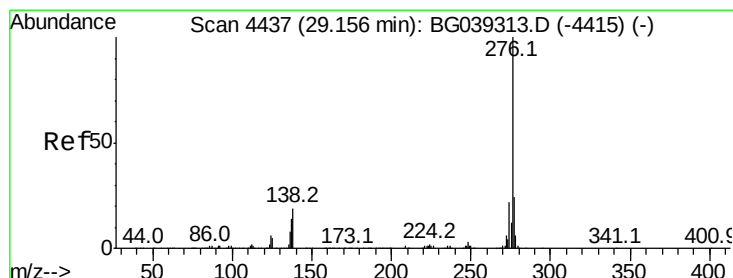
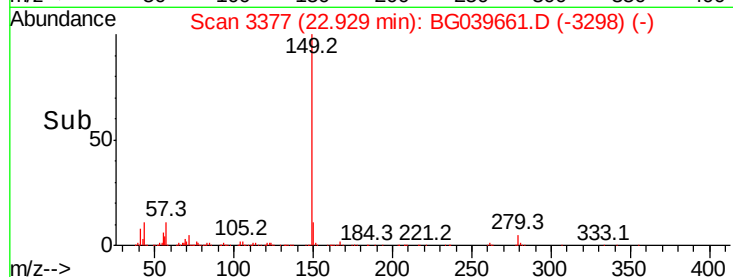
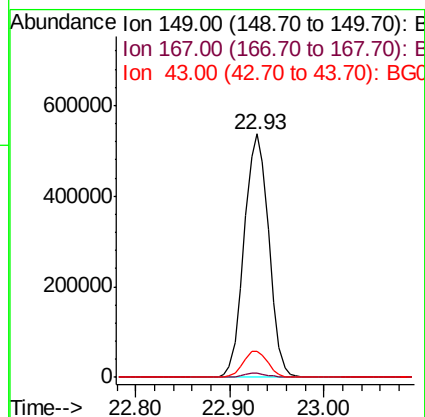
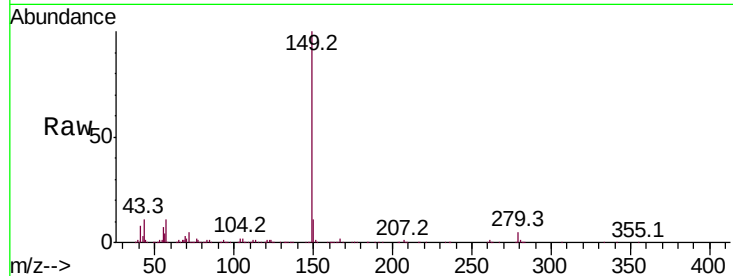




#85
Di-n-octyl phthalate
Concen: 41.061 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.06 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

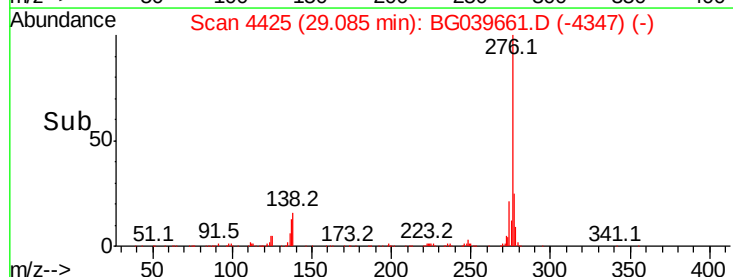
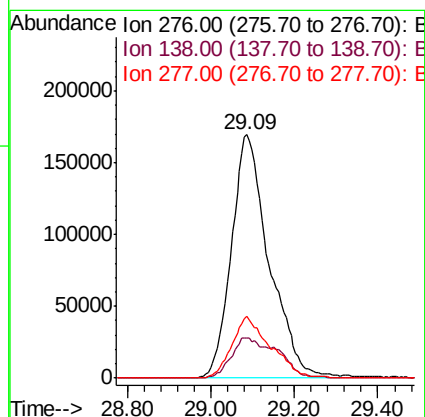
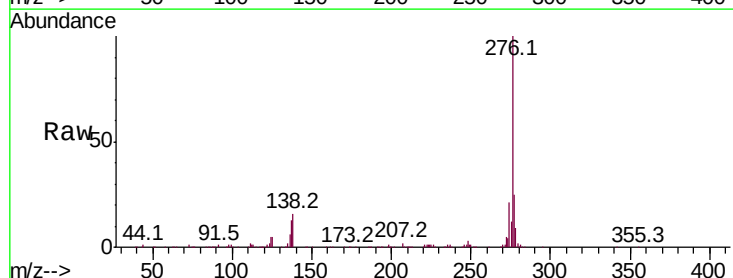
Instrument :
BNA_G
ClientSampleId :

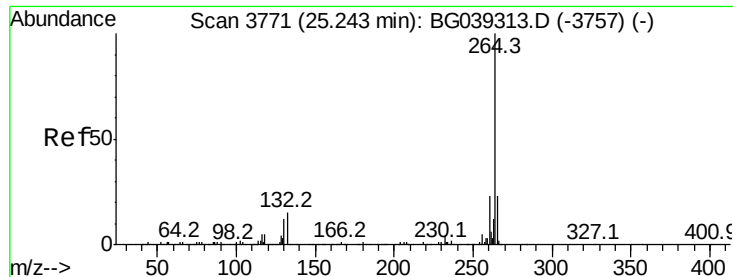
Tot Ion:149 Resp: 971311
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.085 ng
RT: 29.09 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG039661.D
Acq: 28 Feb 2019 15:42

Tgt Ion:276 Resp: 1062967
Ion Ratio Lower Upper
276 100
138 20.3 12.6 19.0#
277 25.8 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

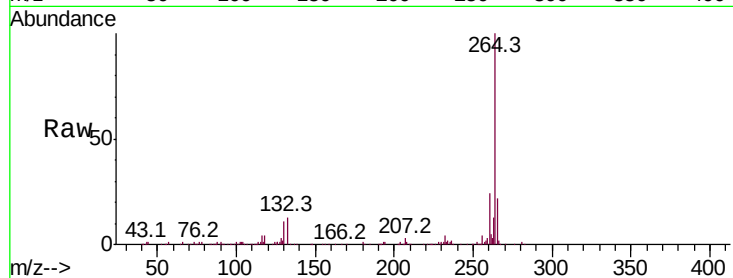
Tot Ion:264 Resp: 347172

Ion Ratio Lower Upper

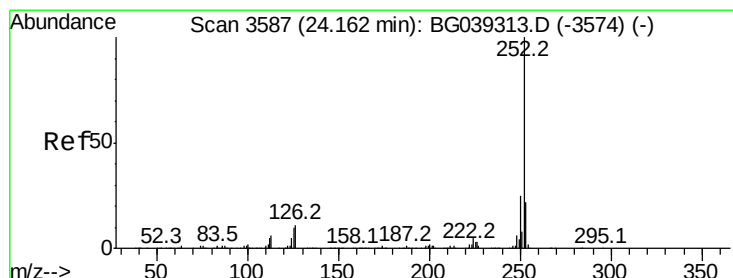
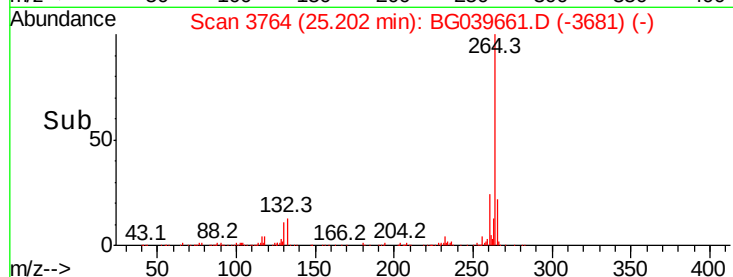
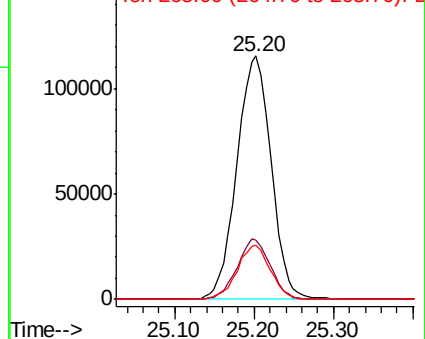
264 100

260 24.3 18.2 27.4

265 22.1 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.830 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

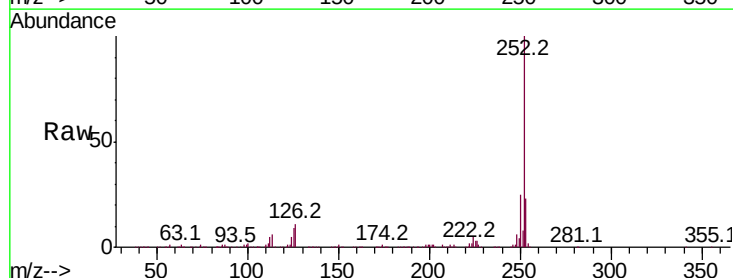
Tgt Ion:252 Resp: 943435

Ion Ratio Lower Upper

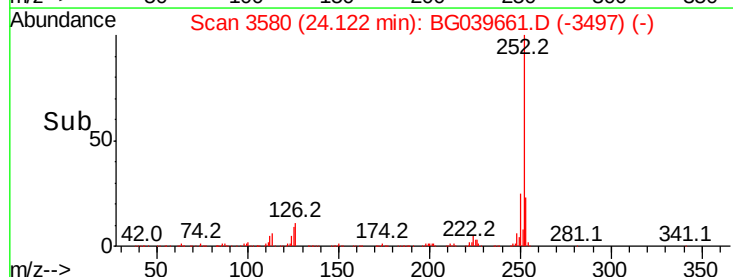
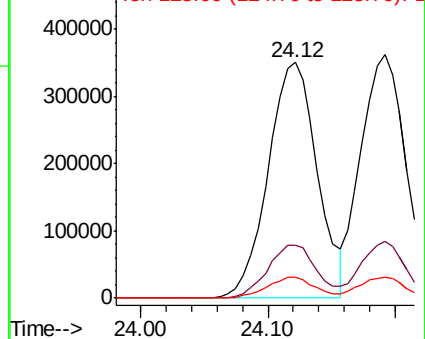
252 100

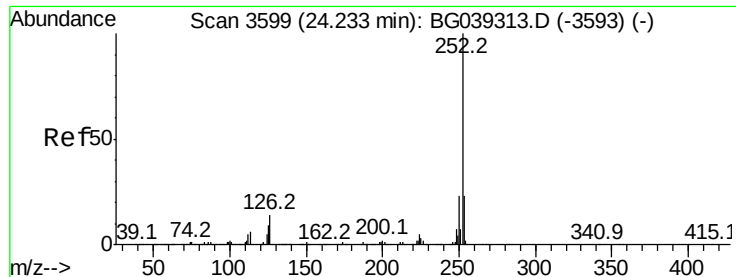
253 22.6 17.8 26.8

125 8.9 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.995 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampled :

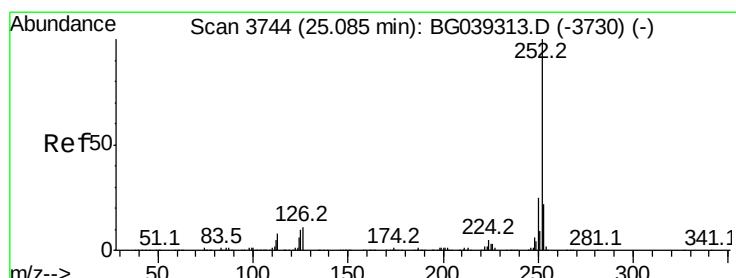
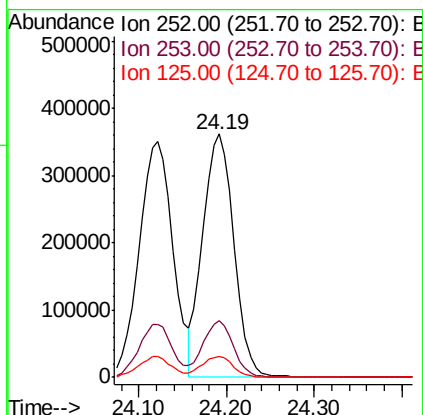
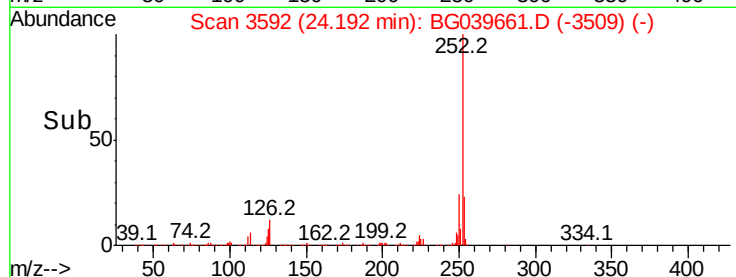
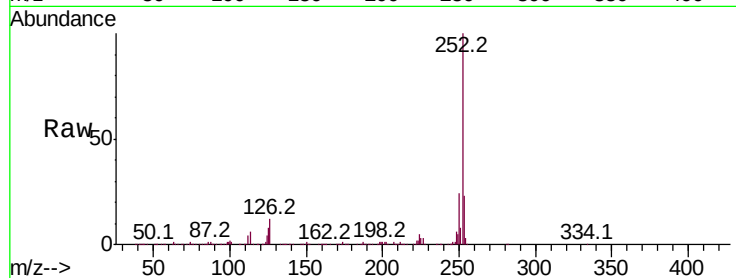
Tot Ion:252 Resp: 893310

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

125 8.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.960 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

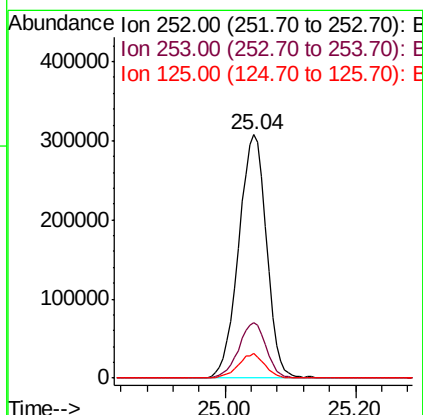
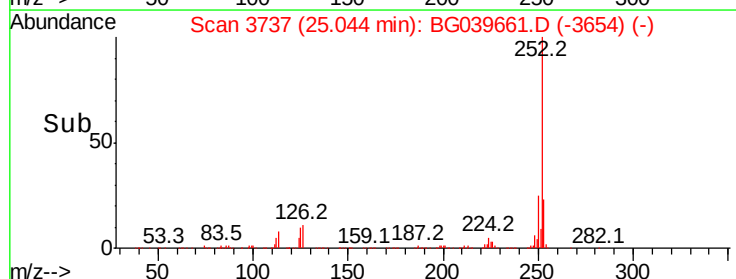
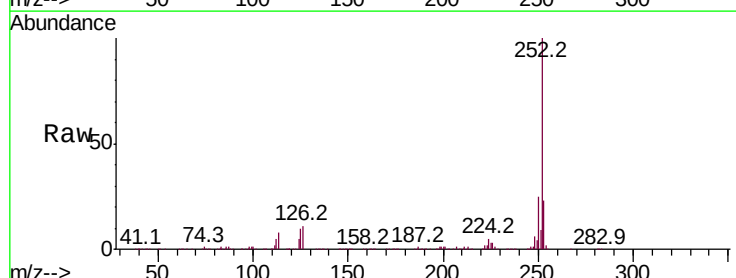
Tgt Ion:252 Resp: 910982

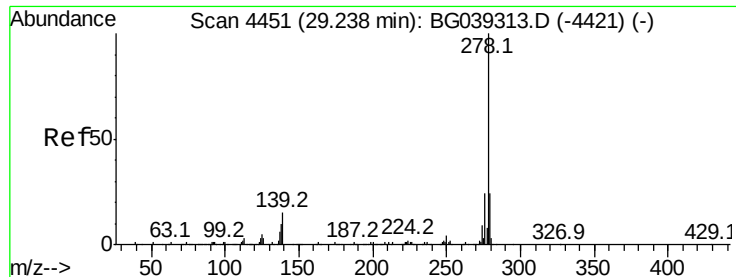
Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.503 ng

RT: 29.16 min Scan# 4437

Delta R.T. -0.08 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

Instrument :

BNA_G

ClientSampleId :

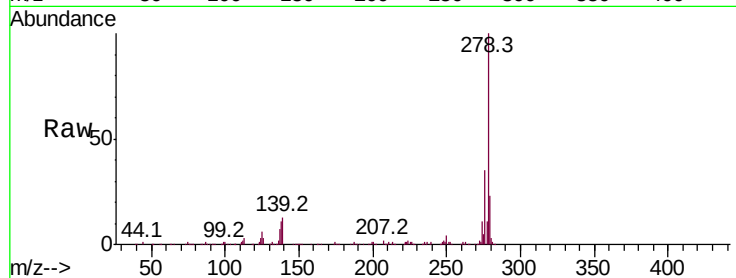
Tot Ion:278 Resp: 862404

Ion Ratio Lower Upper

278 100

139 12.6 11.7 17.5

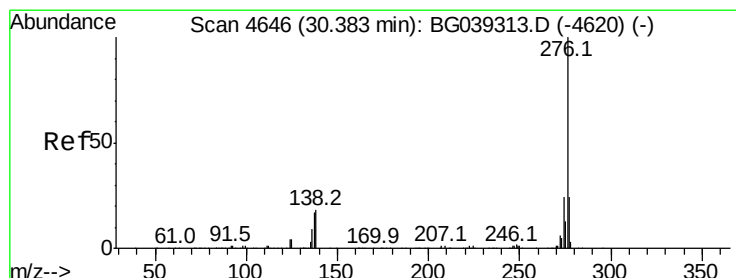
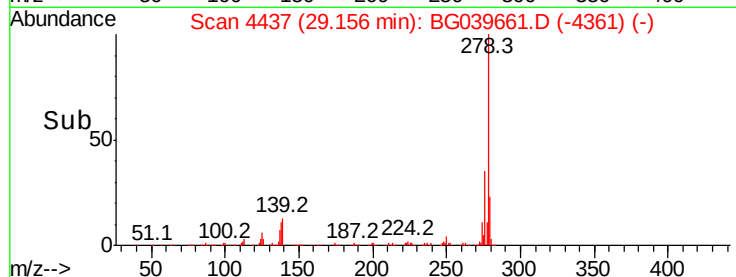
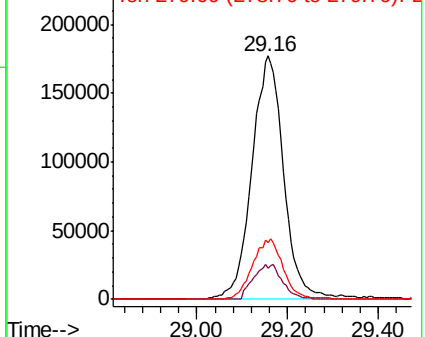
279 23.3 19.1 28.7



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: 51.134 ng

RT: 30.31 min Scan# 4633

Delta R.T. -0.08 min

Lab File: BG039661.D

Acq: 28 Feb 2019 15:42

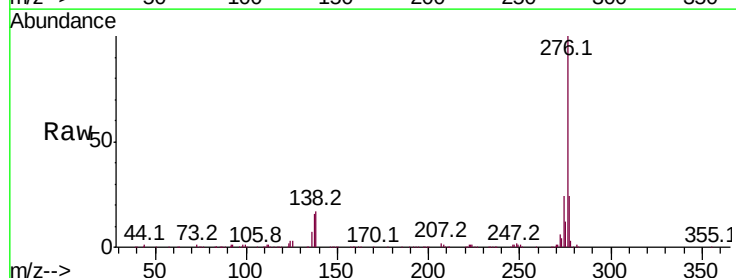
Tgt Ion:276 Resp: 870321

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 16.7 14.7 22.1



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

