

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040086.D
 Acq On : 22 Mar 2019 16:54
 Operator : JU/SJ
 Sample : PB118180BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 02:06:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45251	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	182031	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	117876	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	289973	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	317005	20.00	ng	-0.02
87) Perylene-d12	25.17	264	333554	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	169318	63.83	ng	-0.02
7) Phenol-d6	7.29	99	237474	60.04	ng	-0.02
23) Nitrobenzene-d5	9.32	82	204802	60.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	85687	62.37	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	502857	60.74	ng	-0.02
79) Terphenyl-d14	20.11	244	767098	53.28	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	29338	23.958	ng	98
3) Pyridine	3.98	79	75785	23.117	ng	95
4) n-Nitrosodimethylamine	3.90	42	43585	28.025	ng	86
6) Aniline	7.47	93	65030	12.550	ng	99
8) 2-Chlorophenol	7.71	128	89194	27.718	ng	98
9) Benzaldehyde	7.29	77	25437	9.971	ng	98
10) Phenol	7.32	94	118605	27.682	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	86898	26.014	ng	96
12) 1,3-Dichlorobenzene	8.03	146	98058	26.944	ng	97
13) 1,4-Dichlorobenzene	8.18	146	98519	26.576	ng	97
14) 1,2-Dichlorobenzene	8.50	146	96696	26.997	ng	99
15) Benzyl Alcohol	8.38	79	80020	25.506	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	165188	24.725	ng	98
17) 2-Methylphenol	8.58	107	75937	27.796	ng	95
18) Hexachloroethane	9.23	117	34911	26.246	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	66476	23.352	ng	91
20) 3+4-Methylphenols	8.91	107	104443	27.519	ng	98
22) Acetophenone	8.97	105	129900	26.588	ng	# 95
24) Nitrobenzene	9.37	77	101324	28.697	ng	98
25) Isophorone	9.87	82	189065	26.809	ng	100
26) 2-Nitrophenol	10.07	139	49065	28.781	ng	97
27) 2,4-Dimethylphenol	10.11	122	89279	33.673	ng	95
28) bis(2-Chloroethoxy)methane	10.35	93	117486	27.414	ng	98
29) 2,4-Dichlorophenol	10.61	162	91677	30.711	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	98054	29.191	ng	99
31) Naphthalene	11.02	128	277415	28.784	ng	100
32) Benzoic acid	10.25	122	38022	24.613	ng	97
33) 4-Chloroaniline	11.13	127	42001	10.277	ng	97
34) Hexachlorobutadiene	11.28	225	66757	29.083	ng	94
35) Caprolactam	11.90	113	29708	26.052	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	97754	28.567	ng	99
37) 2-Methylnaphthalene	12.61	142	205024	28.454	ng	97
38) 1-Methylnaphthalene	12.83	142	195813	27.964	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	116067	29.065	ng	99

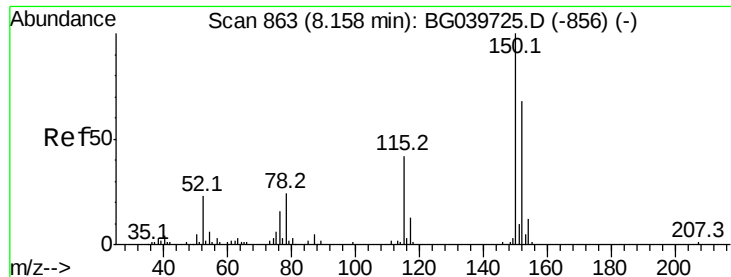
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	158964	74.281	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	75796	32.420	nq	93
44) 2,4,5-Trichlorophenol	13.28	196	82056	31.138	nq	97
46) 1,1'-Biphenyl	13.60	154	277539	28.627	nq	98
47) 2-Chloronaphthalene	13.66	162	214637	29.428	nq	98
48) 2-Nitroaniline	13.86	65	67403	28.756	nq	95
49) Acenaphthylene	14.50	152	339615	28.365	nq	98
50) Dimethylphthalate	14.22	163	279340	28.340	nq	100
51) 2,6-Dinitrotoluene	14.35	165	61078	29.230	nq	97
52) Acenaphthene	14.84	154	205069	28.457	nq	98
53) 3-Nitroaniline	14.68	138	31706	15.095	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	63531	50.300	nq	98
55) Dibenzofuran	15.17	168	343840	29.081	nq	99
56) 4-Nitrophenol	14.98	139	105320	56.051	nq	91
57) 2,4-Dinitrotoluene	15.13	165	88583	30.170	nq	# 85
58) Fluorene	15.82	166	270981	29.154	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	81010	31.477	nq	98
60) Diethylphthalate	15.57	149	280101	28.707	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	144126	29.058	nq	98
62) 4-Nitroaniline	15.85	138	66217	29.079	nq	87
63) Azobenzene	16.09	77	252718	28.572	nq	95
65) 4,6-Dinitro-2-methylphenol	15.89	198	51351	29.951	nq	91
66) n-Nitrosodiphenylamine	16.02	169	248842	29.642	nq	99
67) 4-Bromophenyl-phenylether	16.69	248	91203	28.099	nq	95
68) Hexachlorobenzene	16.81	284	98669	29.327	nq	93
69) Atrazine	16.96	200	100772	30.501	nq	93
70) Pentachlorophenol	17.16	266	120830	56.866	nq	97
71) Phenanthrene	17.56	178	467017	29.240	nq	100
72) Anthracene	17.65	178	475506	30.551	nq	99
73) Carbazole	17.92	167	428259	30.521	nq	98
74) Di-n-butylphthalate	18.45	149	519548	31.470	nq	99
75) Fluoranthene	19.56	202	593369	31.435	nq	98
77) Benzidine	19.74	184	145752	14.489	nq	99
78) Pyrene	19.92	202	597032	28.983	nq	99
80) Butylbenzylphthalate	20.79	149	245597	30.774	nq	95
81) Benzo(a)anthracene	21.79	228	574227	28.903	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	111994	15.440	nq	97
83) Chrysene	21.86	228	555752	28.854	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	346949	30.937	nq	99
85) Di-n-octyl phthalate	22.90	149	589809	31.763	nq	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	652305	29.853	nq	98
88) Benzo(b)fluoranthene	24.09	252	573557	28.836	nq	97
89) Benzo(k)fluoranthene	24.17	252	568642	30.712	nq	99
90) Benzo(a)pyrene	25.01	252	564258	30.700	nq	97
91) Dibenzo(a,h)anthracene	29.10	278	533327	29.598	nq	98
92) Benzo(g,h,i)perylene	30.26	276	541510	29.923	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

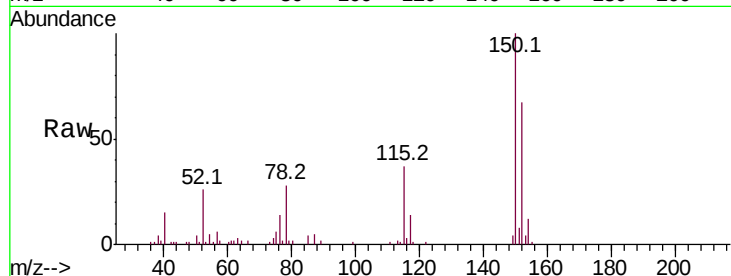
Tot Ion:152 Resp: 45251

Ion Ratio Lower Upper

152 100

150 148.5 123.7 185.5

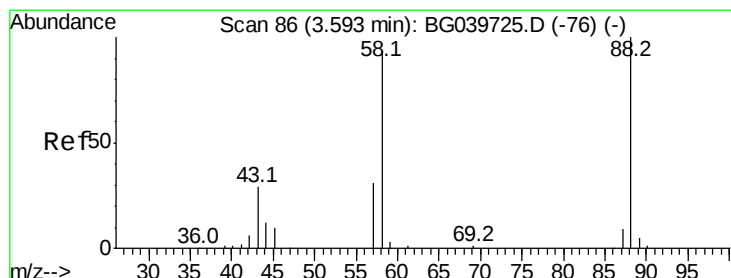
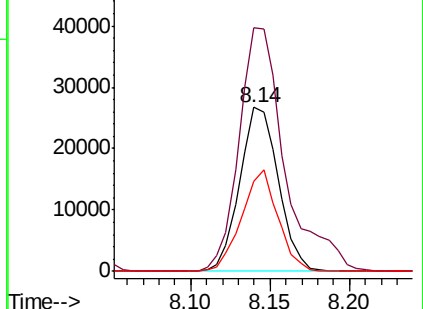
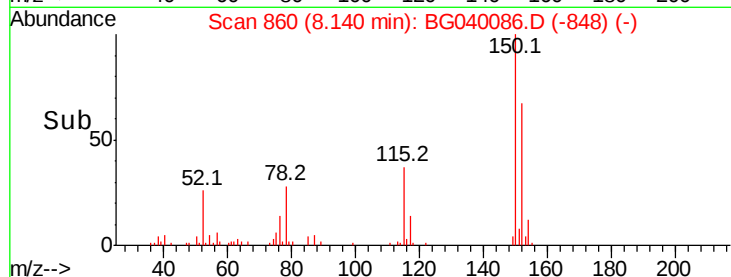
115 54.7 45.9 68.9



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: 23.958 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

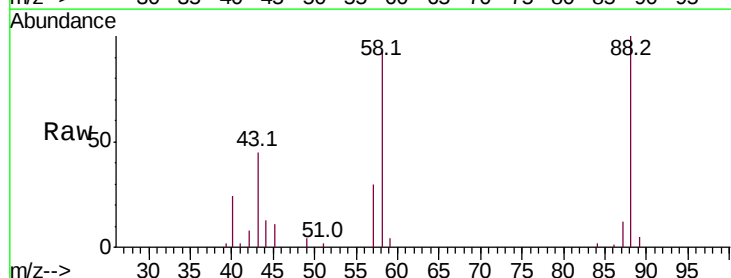
Tgt Ion: 88 Resp: 29338

Ion Ratio Lower Upper

88 100

58 102.4 81.1 121.7

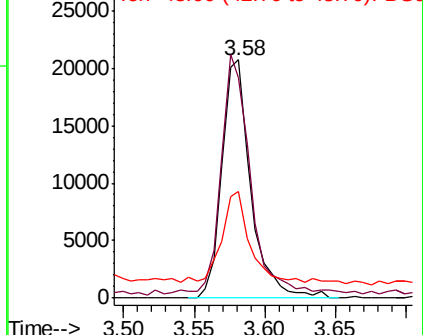
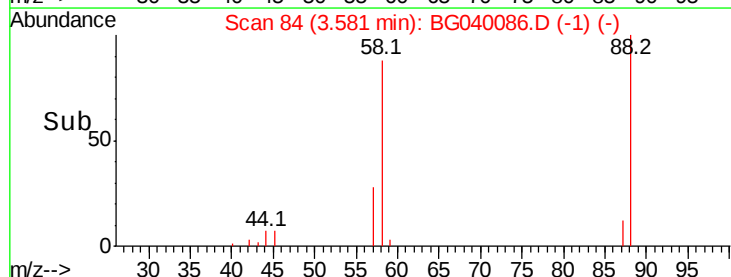
43 35.4 31.4 47.0

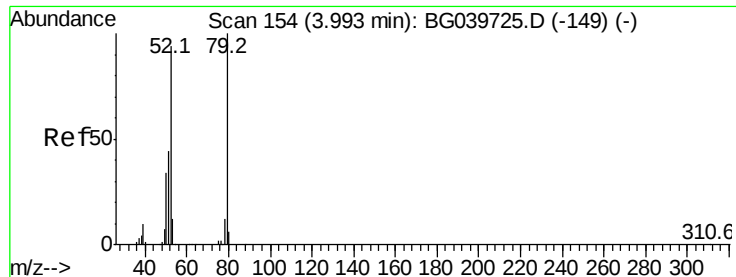


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.117 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

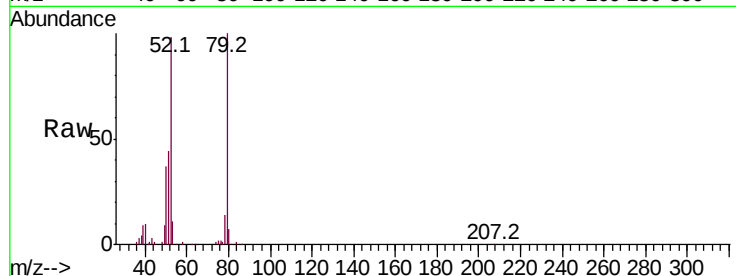
Tot Ion: 79 Resp: 75785

Ion Ratio Lower Upper

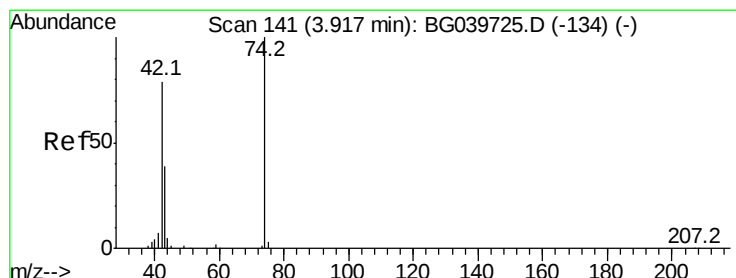
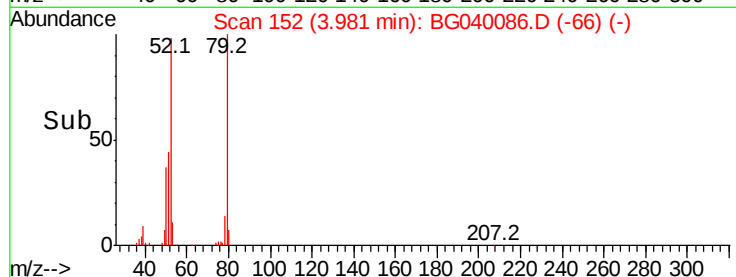
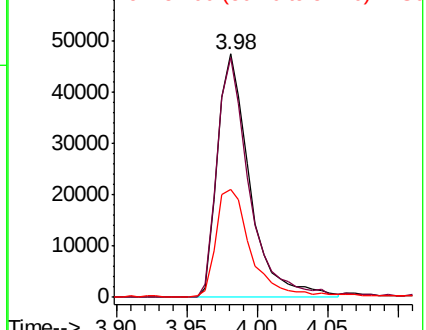
79 100

52 98.3 82.6 124.0

51 44.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 28.025 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

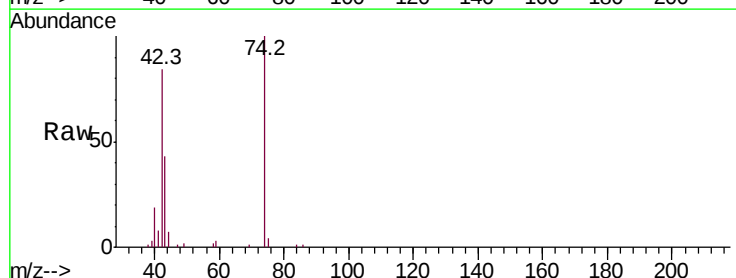
Tgt Ion: 42 Resp: 43585

Ion Ratio Lower Upper

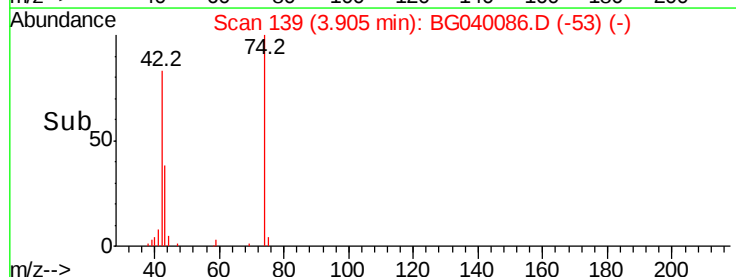
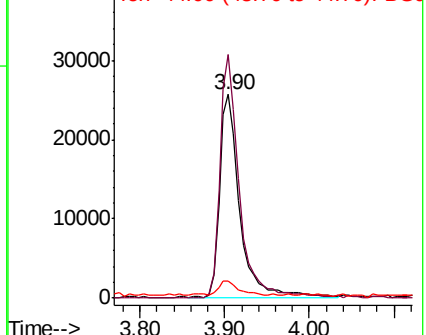
42 100

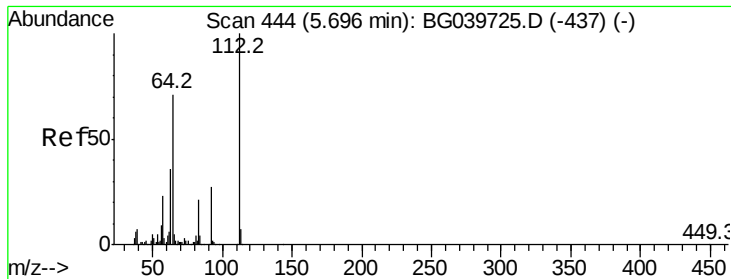
74 119.5 83.6 125.4

44 8.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 63.835 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

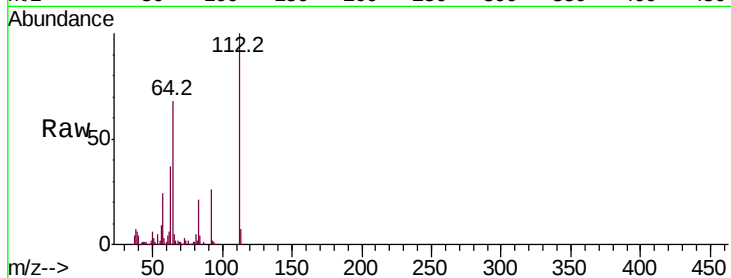
Tot Ion:112 Resp: 169318

Ion Ratio Lower Upper

112 100

64 67.9 57.8 86.8

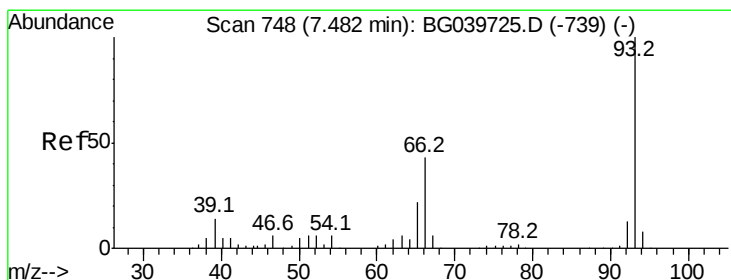
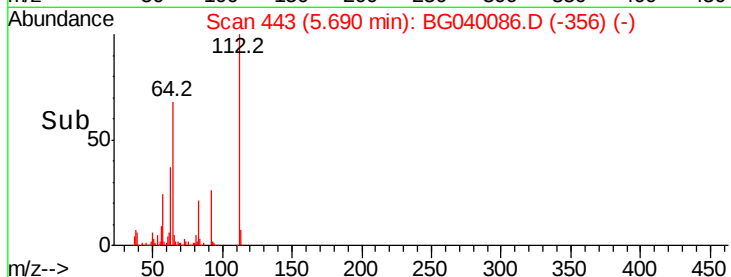
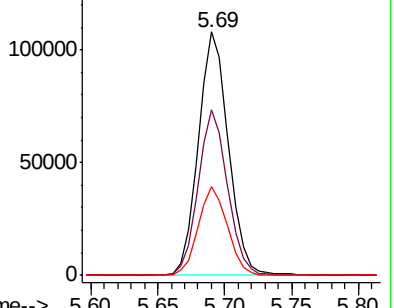
63 36.6 29.8 44.6



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: 12.550 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

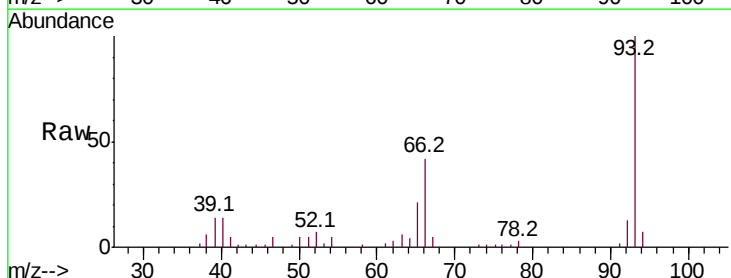
Tgt Ion: 93 Resp: 65030

Ion Ratio Lower Upper

93 100

66 42.3 34.2 51.4

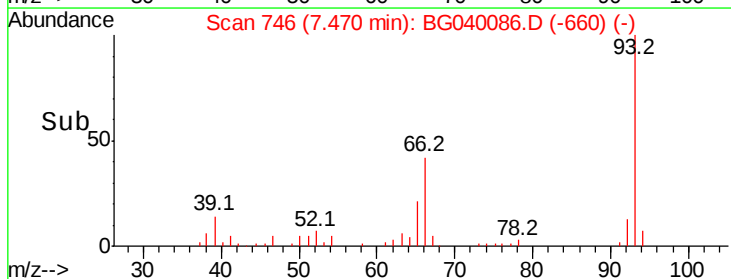
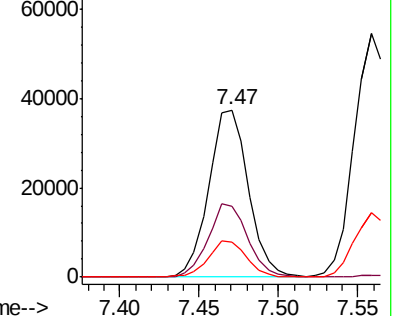
65 20.7 17.7 26.5

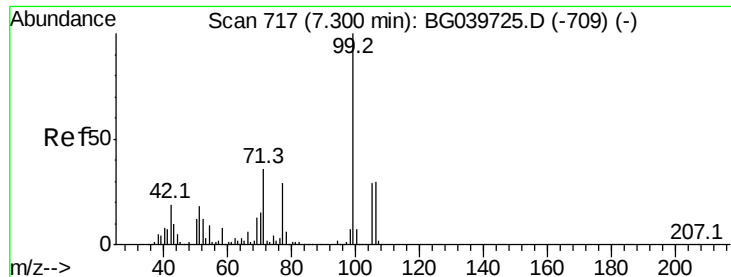


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 60.045 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

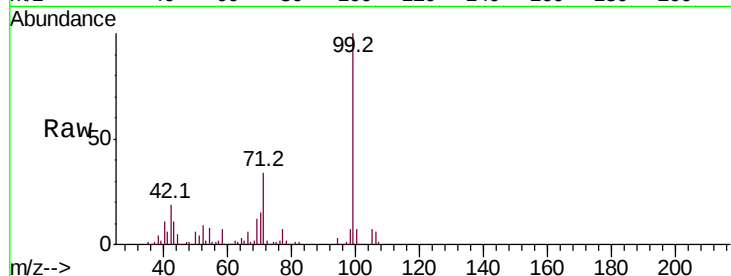
Tot Ion: 99 Resp: 237474

Ion Ratio Lower Upper

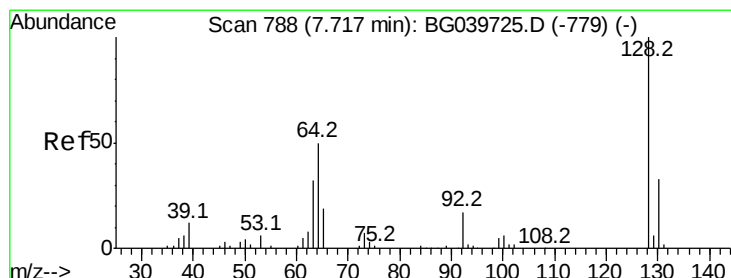
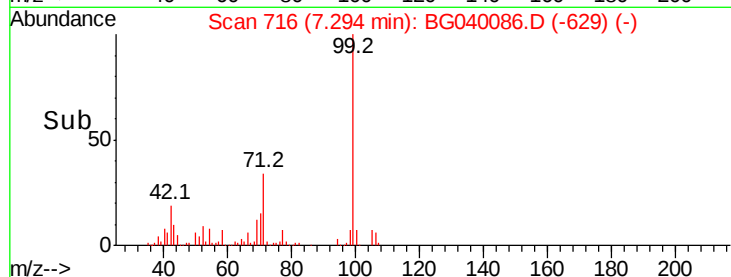
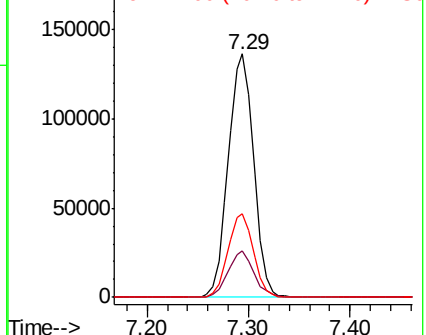
99 100

42 18.9 18.2 27.2

71 34.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 27.718 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

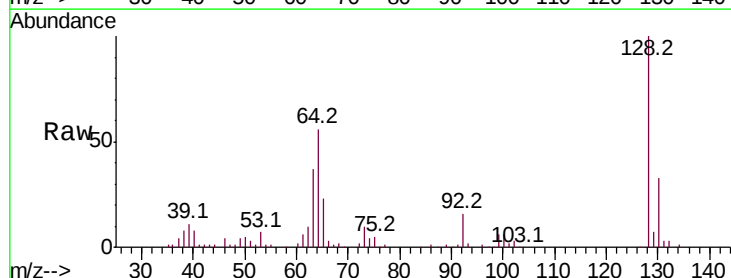
Tgt Ion: 128 Resp: 89194

Ion Ratio Lower Upper

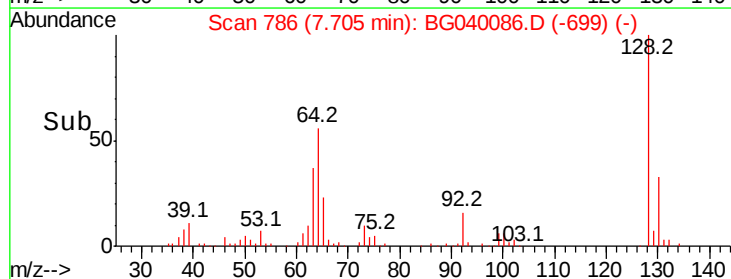
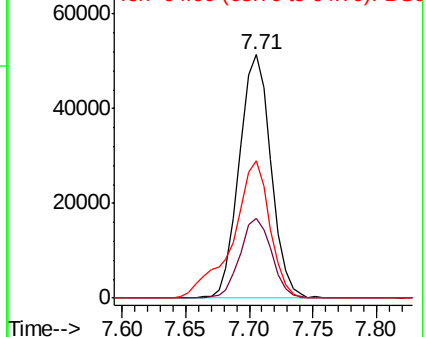
128 100

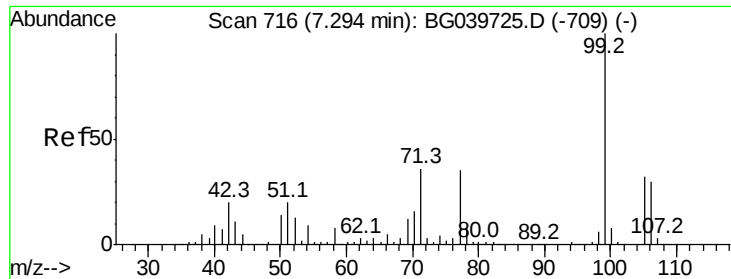
130 32.7 12.9 52.9

64 56.5 38.7 78.7



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





#9

Benzaldehyd

Concen: 9.971 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampled :

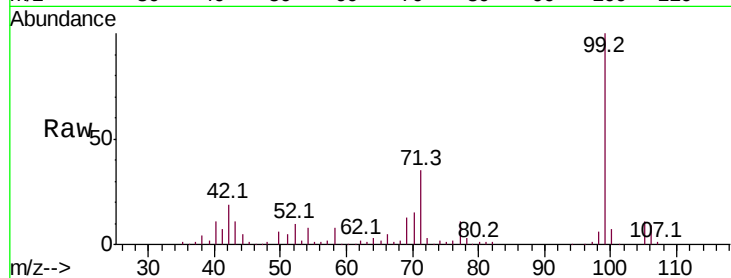
Tot Ion: 77 Resp: 25437

Ion Ratio Lower Upper

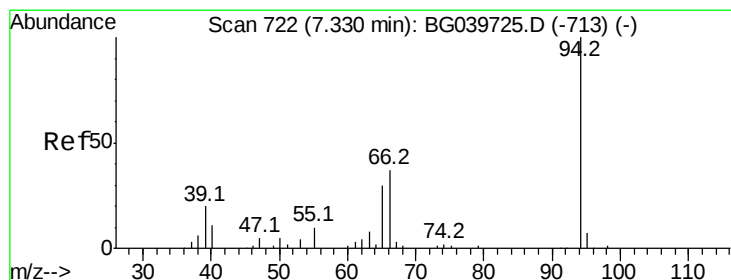
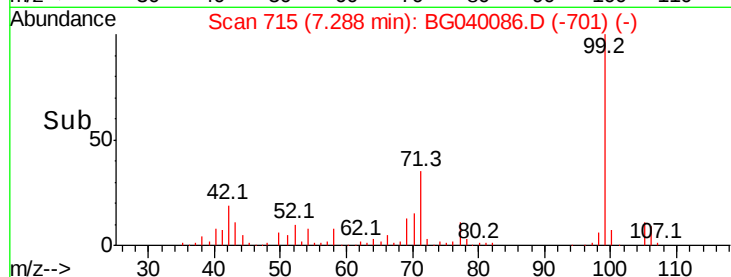
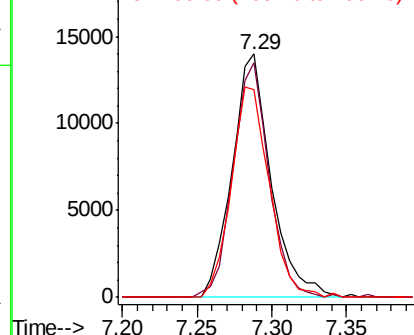
77 100

105 96.3 74.5 114.5

106 85.3 68.0 108.0



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



#10

Phenol

Concen: 27.682 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

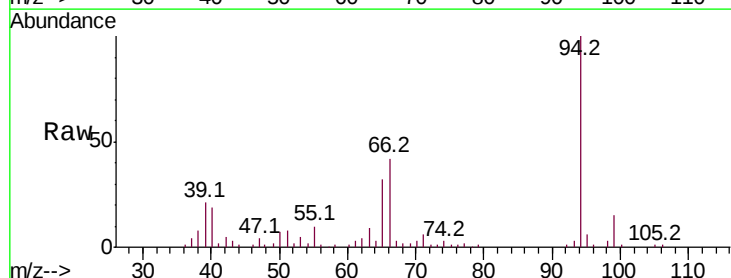
Tgt Ion: 94 Resp: 118605

Ion Ratio Lower Upper

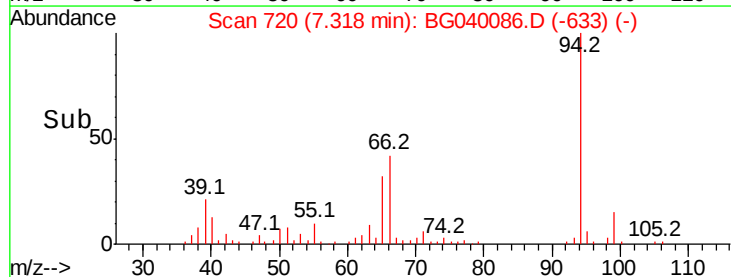
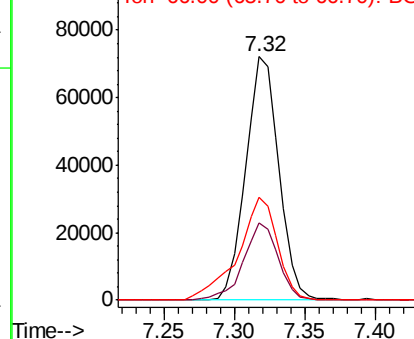
94 100

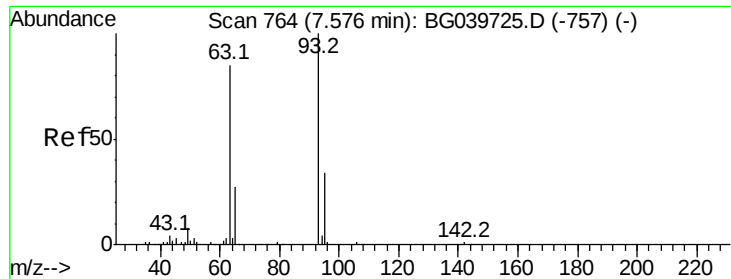
65 31.8 11.7 51.7

66 42.1 23.7 63.7



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

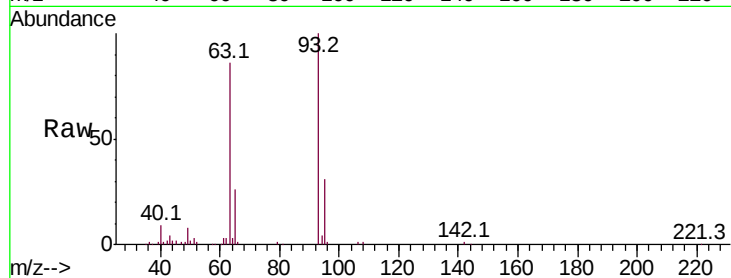




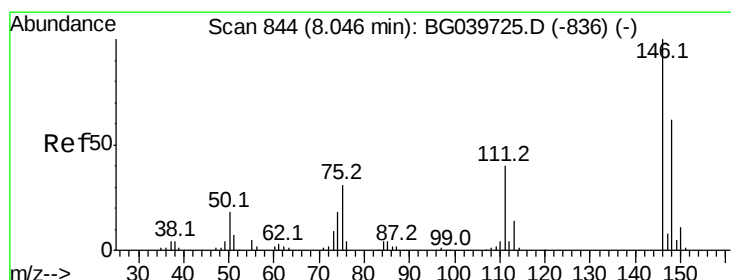
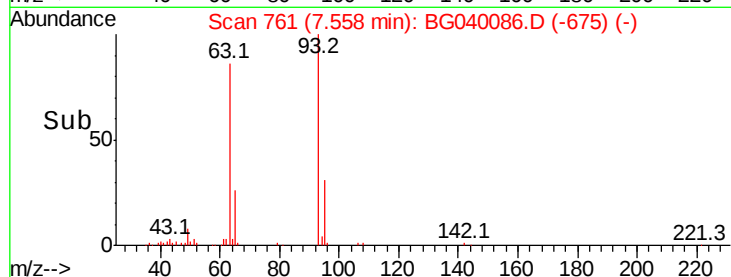
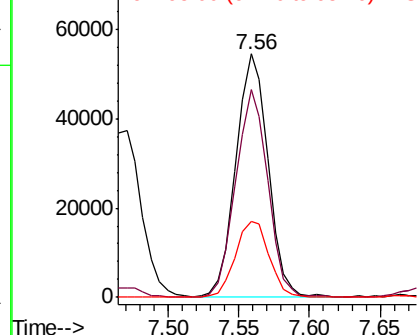
#11
bis(2-Chloroethyl)ether
Concen: 26.014 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 86898
Ion Ratio Lower Upper
93 100
63 85.5 69.5 109.5
95 31.3 12.7 52.7

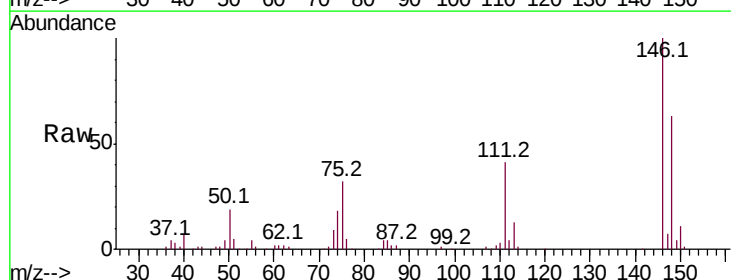


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

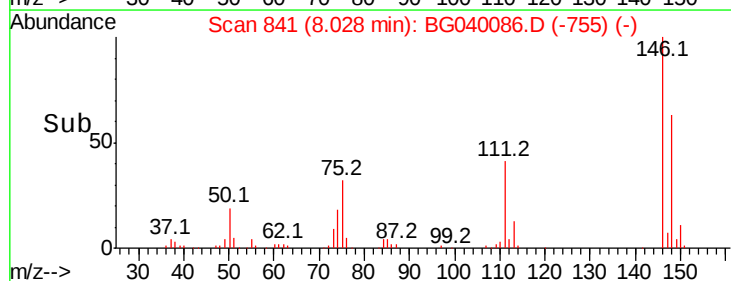
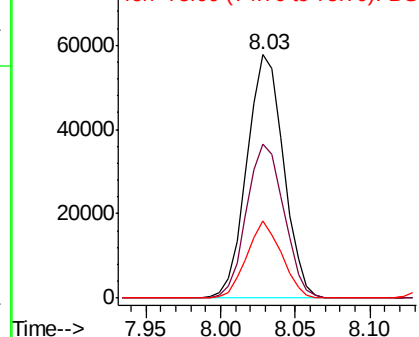


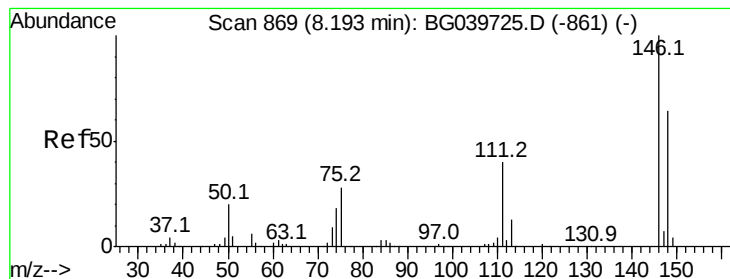
#12
1,3-Dichlorobenzene
Concen: 26.944 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion: 146 Resp: 98058
Ion Ratio Lower Upper
146 100
148 63.0 52.6 79.0
75 31.5 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 26.576 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

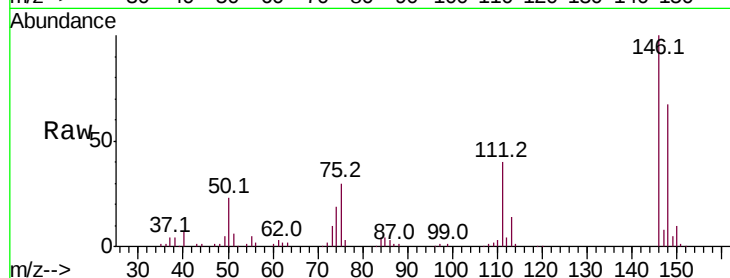
Tot Ion:146 Resp: 98519

Ion Ratio Lower Upper

146 100

148 67.4 51.1 76.7

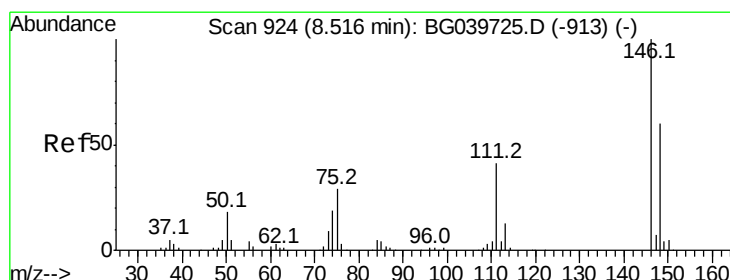
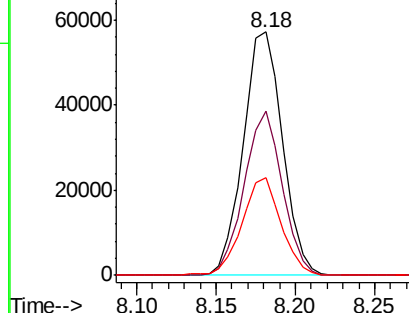
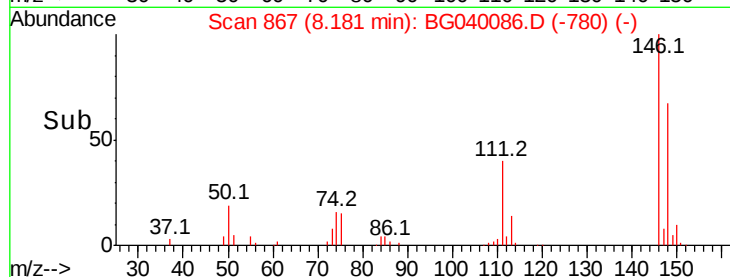
111 40.0 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.997 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

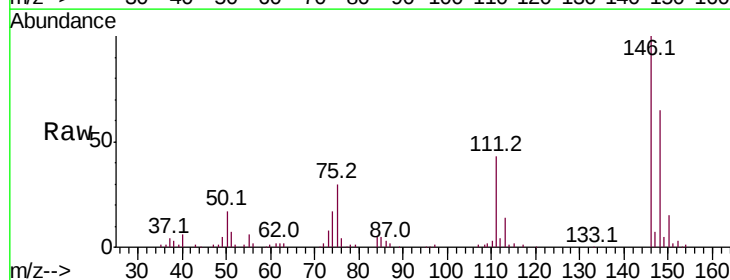
Tgt Ion:146 Resp: 96696

Ion Ratio Lower Upper

146 100

148 64.9 51.5 77.3

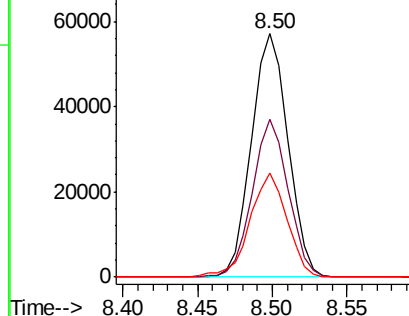
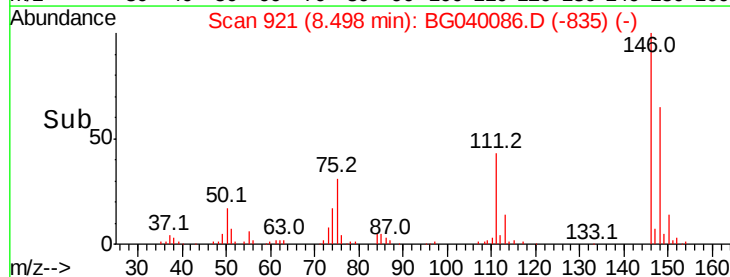
111 42.9 33.8 50.6

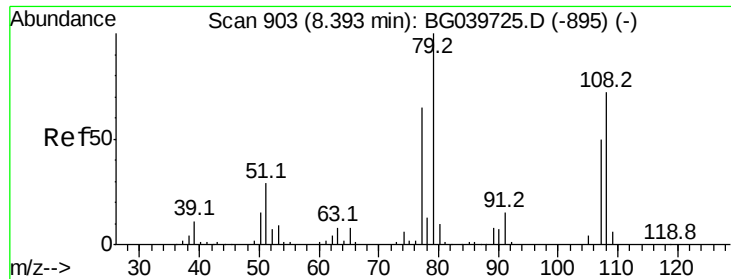


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

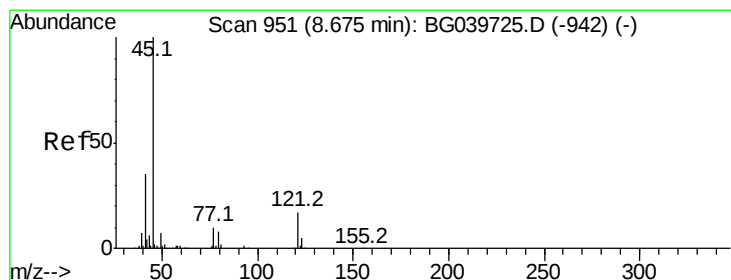
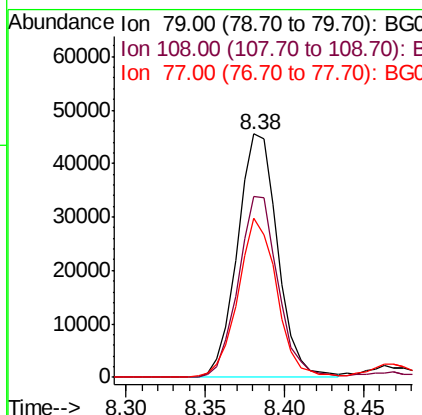
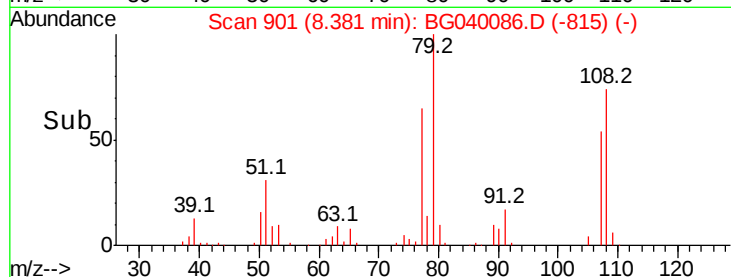
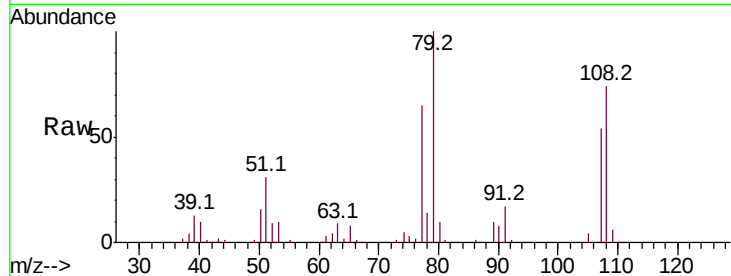




#15
Benzyl Alcohol
Concen: 25.506 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

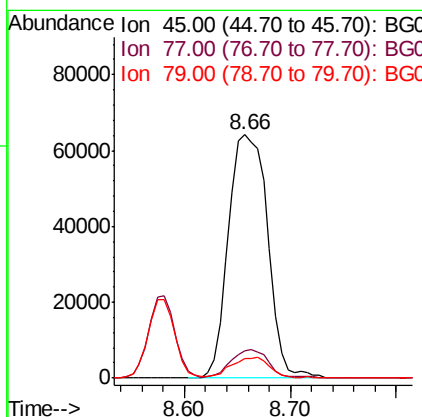
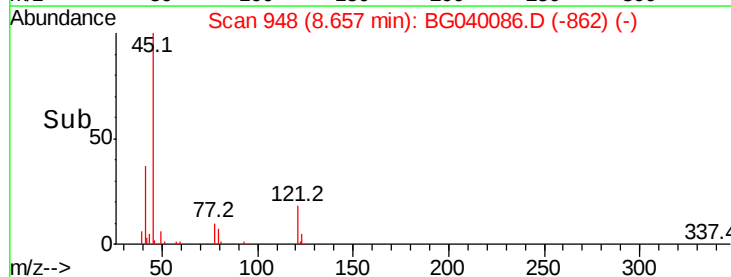
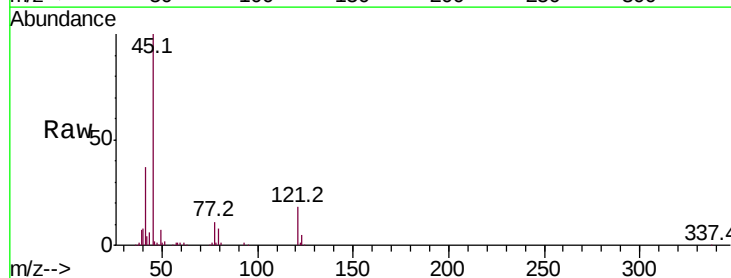
Instrument :
BNA_G
ClientSampleId :

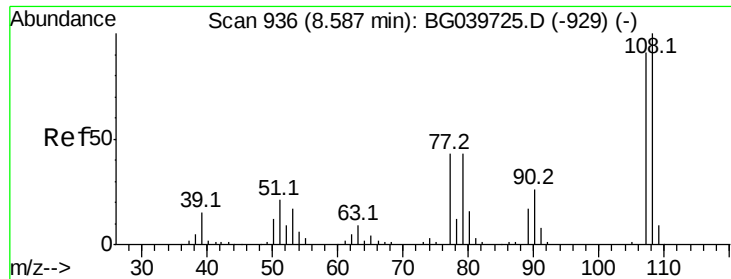
Tot Ion: 79 Resp: 80020
Ion Ratio Lower Upper
79 100
108 74.3 57.8 86.6
77 65.1 51.1 76.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 24.725 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion: 45 Resp: 165188
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.0
79 7.9 0.0 27.5

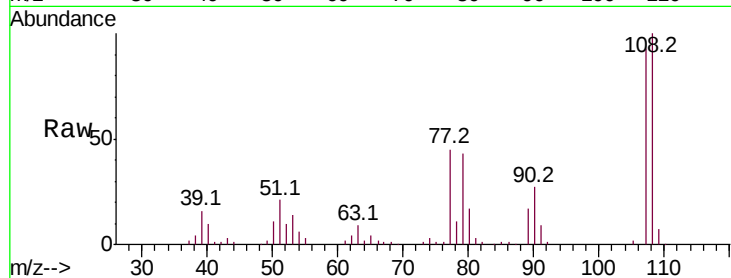




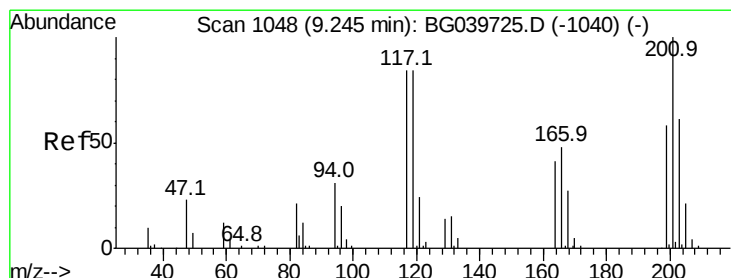
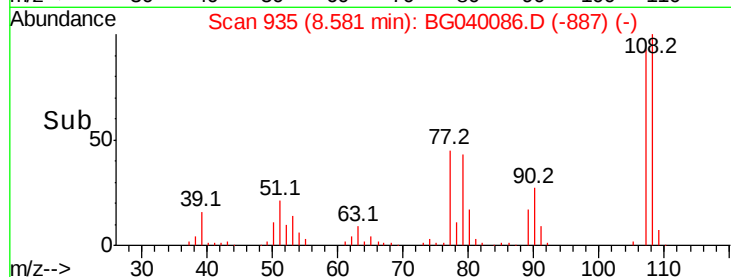
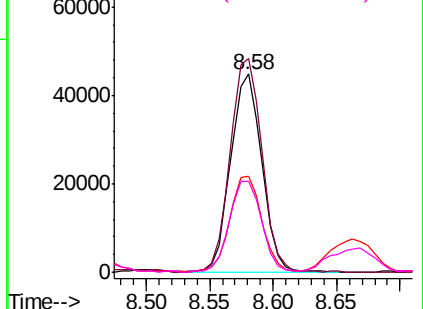
#17
2-Methylphenol
Concen: 27.796 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	75937
Ion	Ratio	Lower	Upper
107	100		
108	107.7	90.8	136.2
77	48.3	40.7	61.1
79	45.9	40.6	60.8

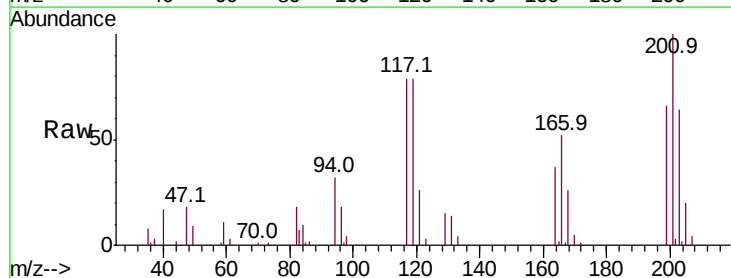


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

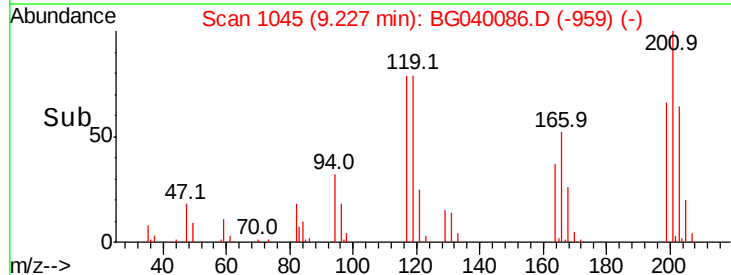
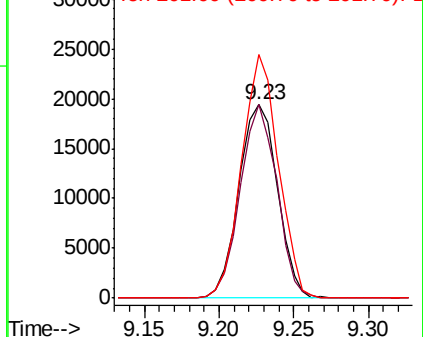


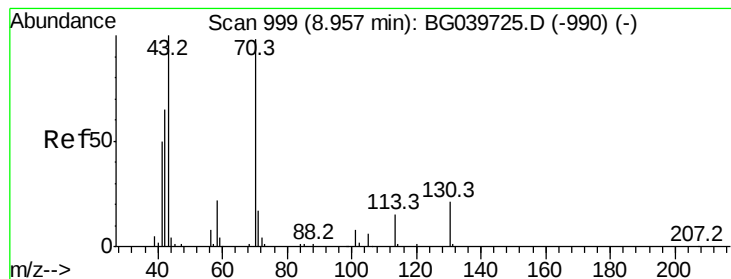
#18
Hexachloroethane
Concen: 26.246 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:	117	Resp:	34911
Ion	Ratio	Lower	Upper
117	100		
119	99.8	76.3	114.5
201	125.8	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: 23.352 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 66476

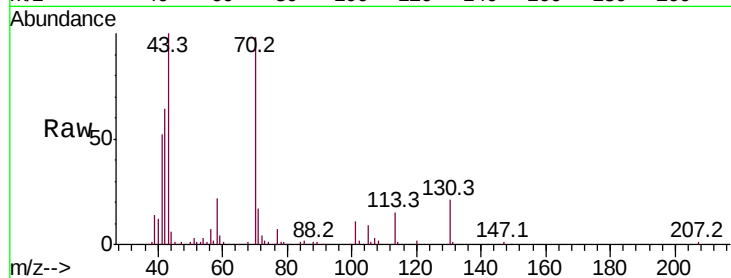
Ion Ratio Lower Upper

70 100

42 65.8 60.4 90.6

101 11.2 7.5 11.3

130 22.0 16.9 25.3

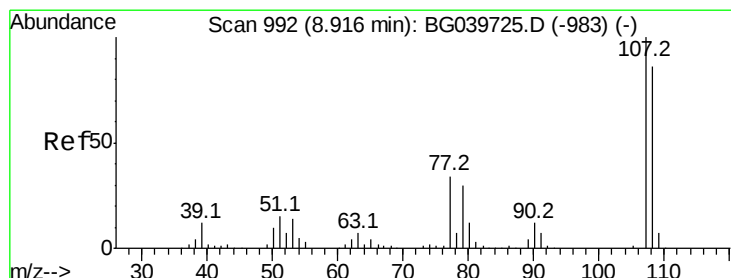
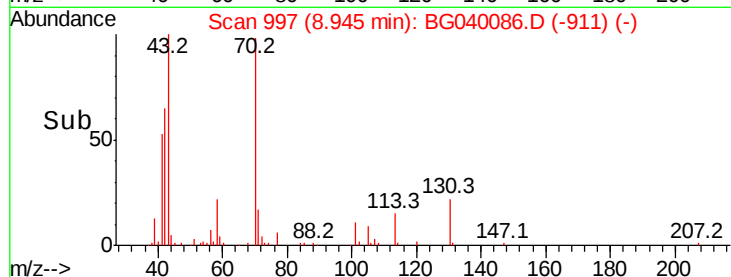
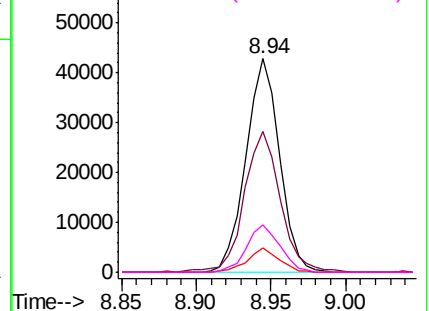


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 27.519 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Tgt Ion: 107 Resp: 104443

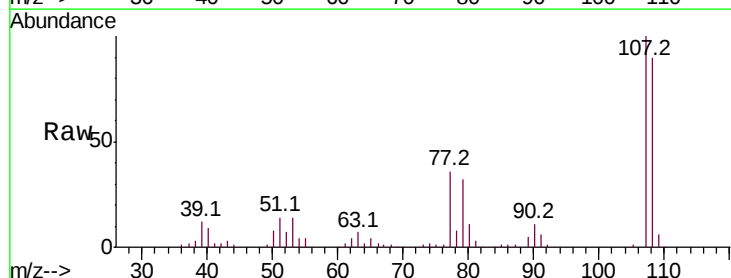
Ion Ratio Lower Upper

107 100

108 90.0 67.9 107.9

77 35.6 15.4 55.4

79 31.9 13.7 53.7

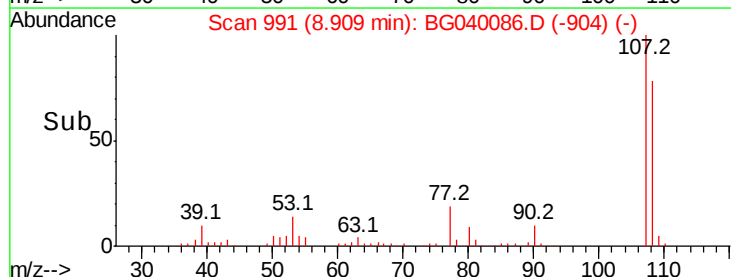
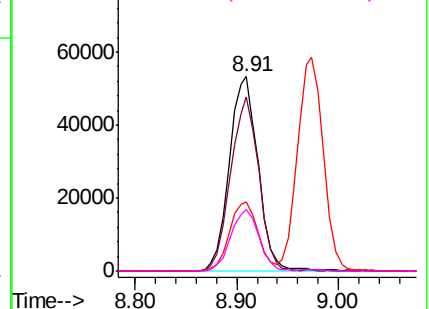


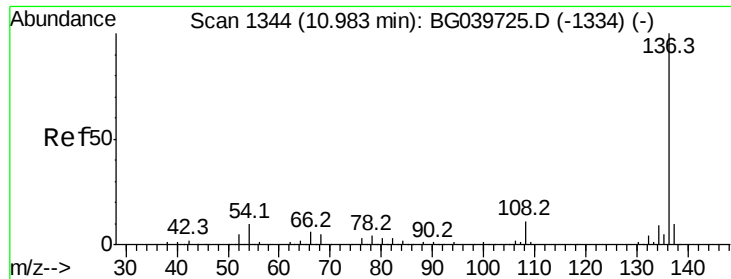
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

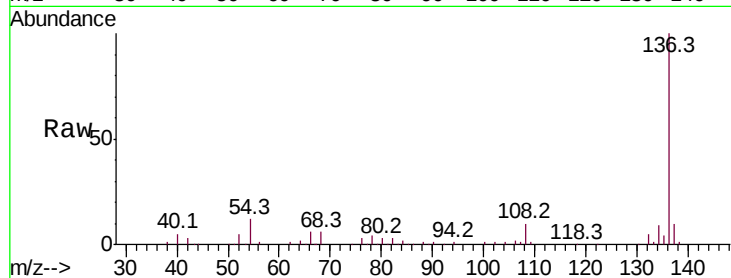




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	182031
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.1 13.7
54	11.5	9.4 14.2
68	6.0	4.2 6.4



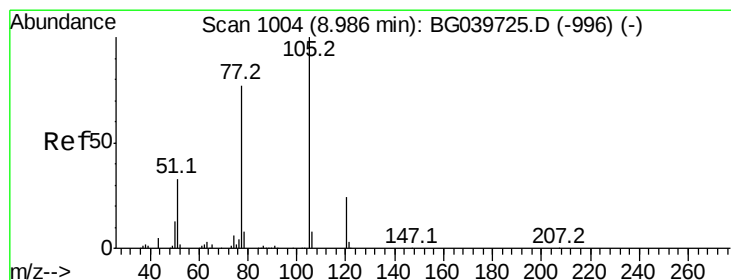
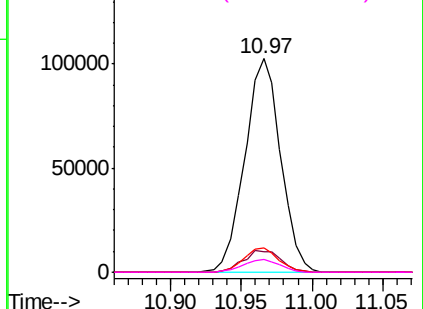
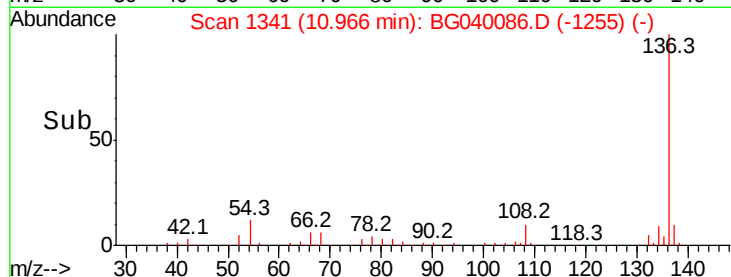
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

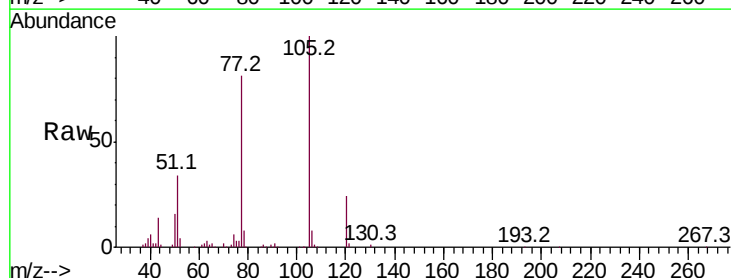
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 26.588 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:105	Resp:	129900
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.8 1.2#
51	34.1	30.2 45.2
120	24.2	18.0 27.0



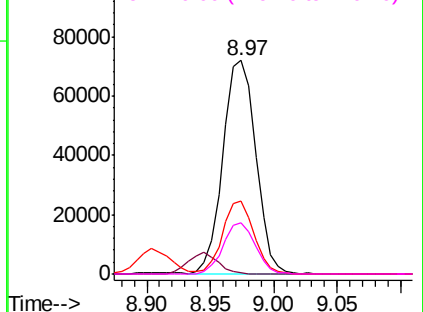
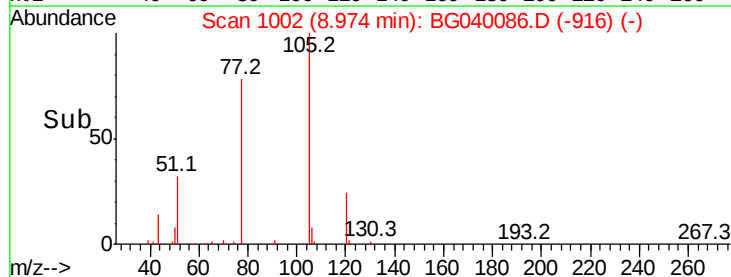
Abundance

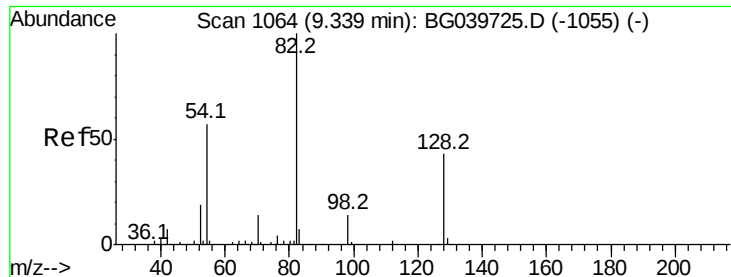
Ion 105.00 (104.70 to 105.70): E

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

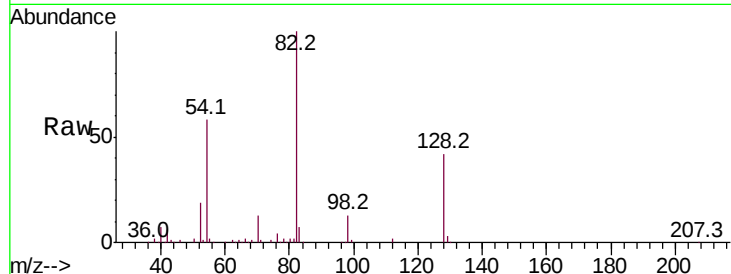




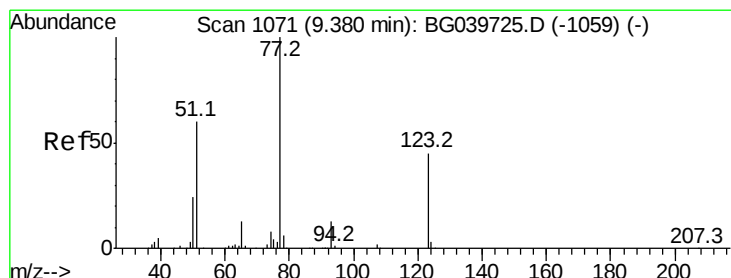
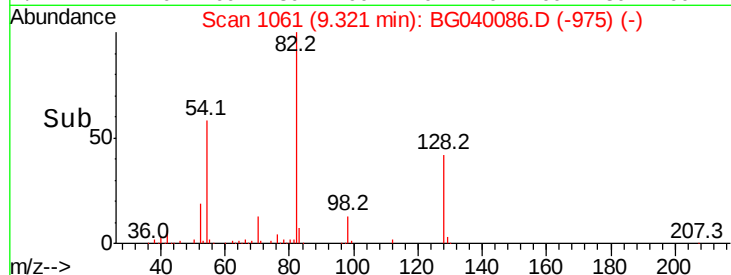
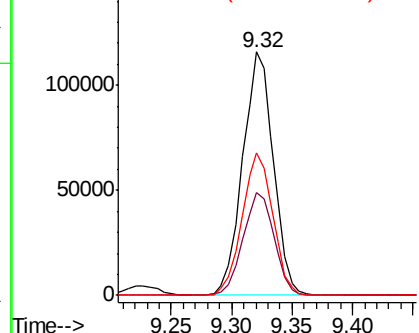
#23
Nitrobenzene-d5
Concen: 60.850 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 204802
Ion Ratio Lower Upper
82 100
128 42.4 31.3 46.9
54 58.5 50.9 76.3

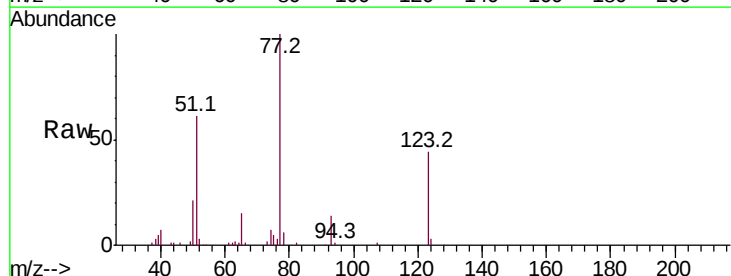


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

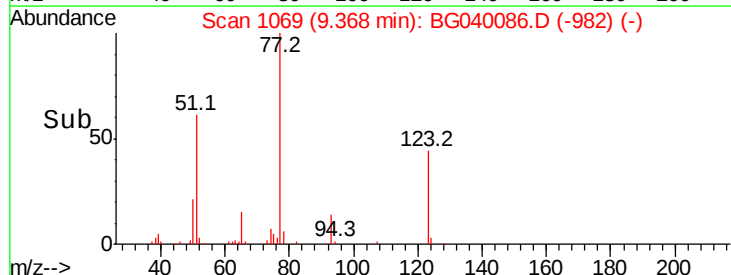
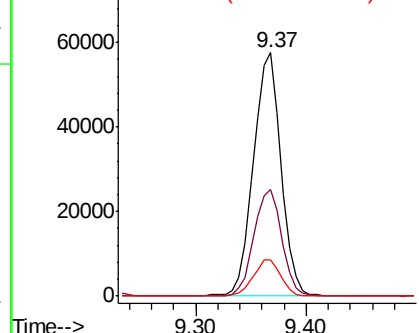


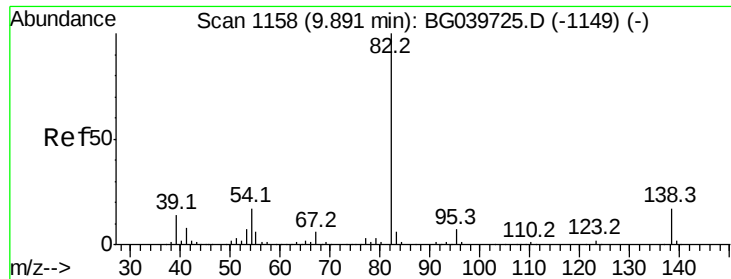
#24
Nitrobenzene
Concen: 28.697 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion: 77 Resp: 101324
Ion Ratio Lower Upper
77 100
123 44.0 34.1 51.1
65 14.8 12.3 18.5



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





#25

Isophorone

Concen: 26.809 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampled :

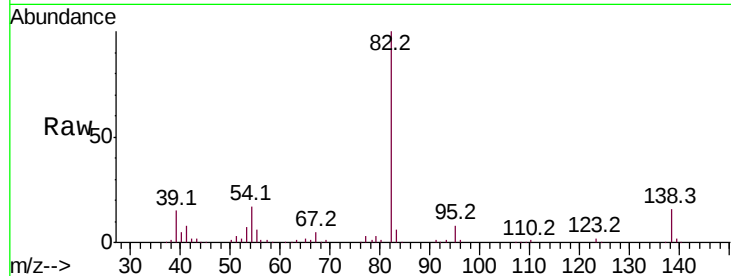
Tot Ion: 82 Resp: 189065

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

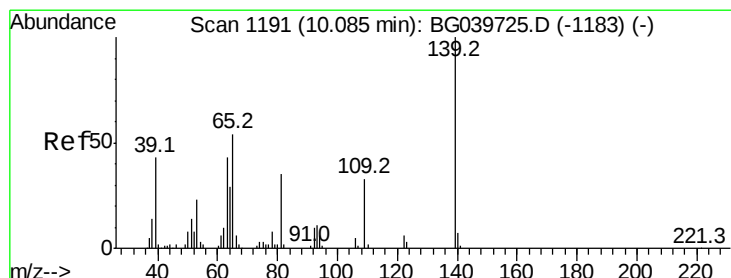
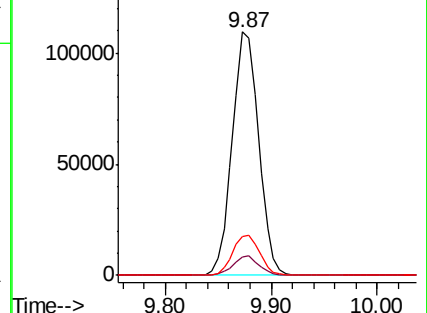
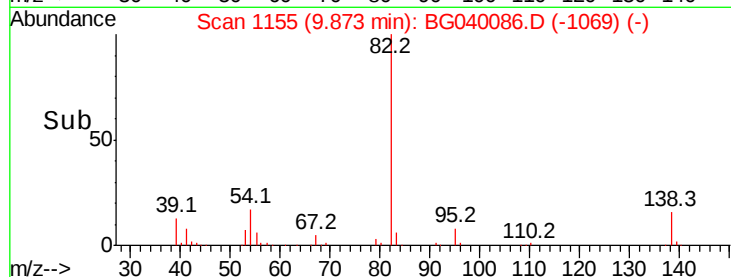
138 16.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)



#26

2-Nitrophenol

Concen: 28.781 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

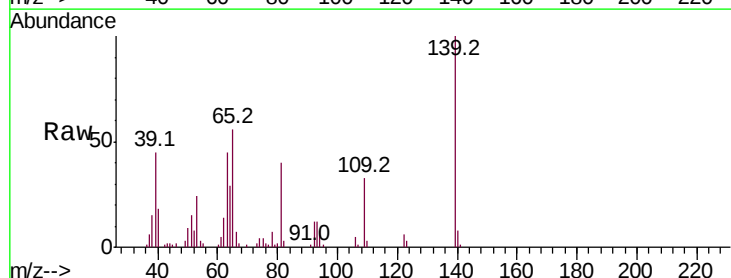
Tgt Ion: 139 Resp: 49065

Ion Ratio Lower Upper

139 100

109 33.2 23.4 35.0

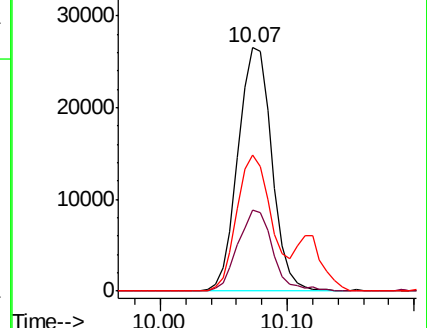
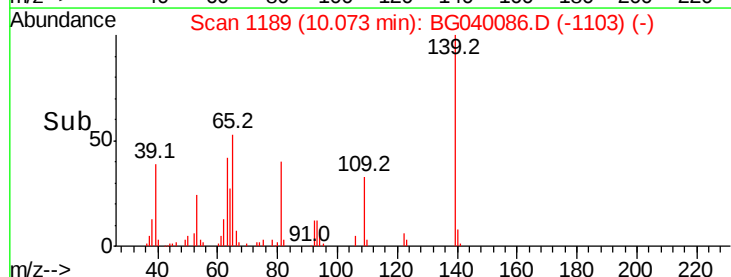
65 55.7 44.3 66.5

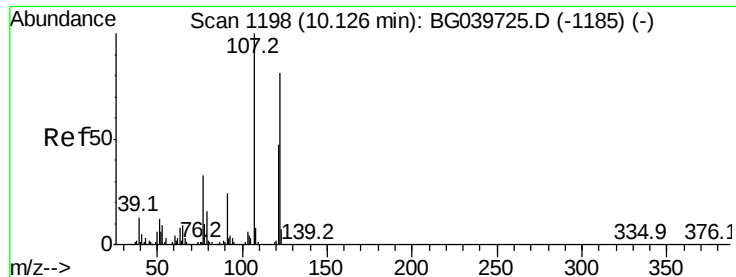


Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)

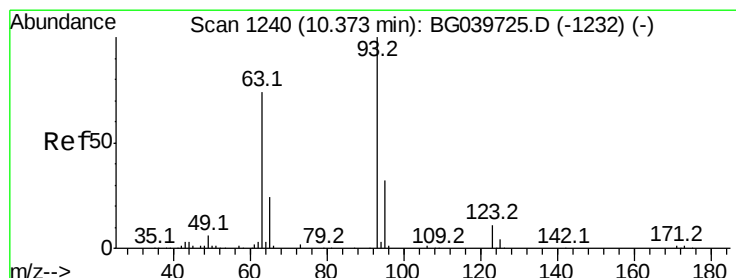
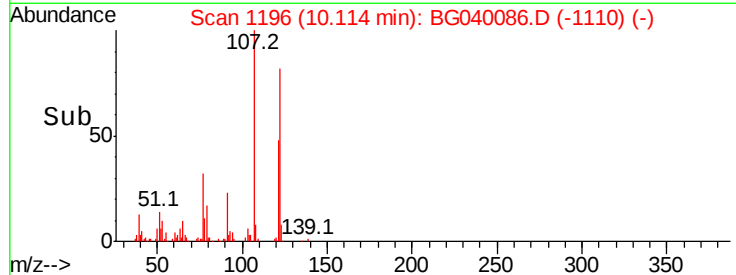
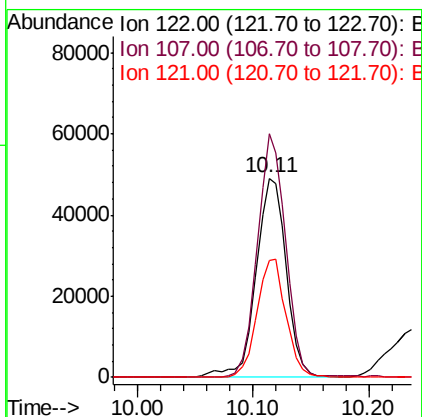
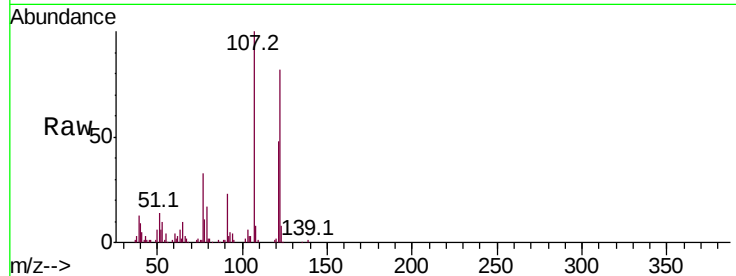




#27
2,4-Dimethylphenol
Concen: 33.673 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

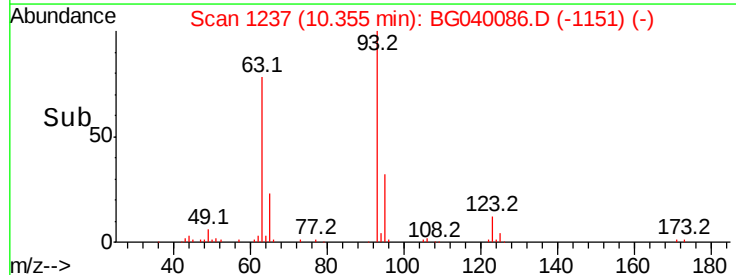
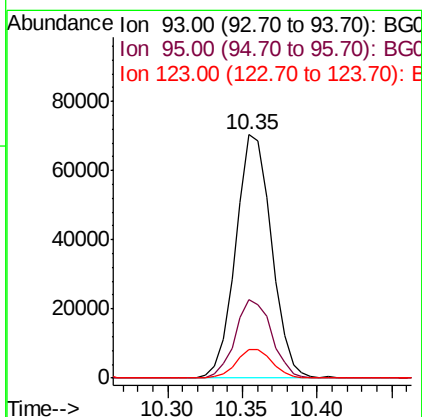
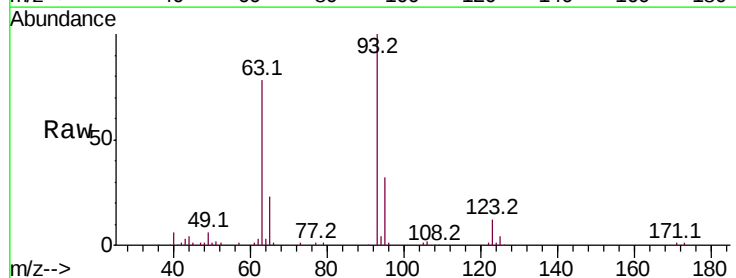
Instrument :
BNA_G
ClientSampleId :

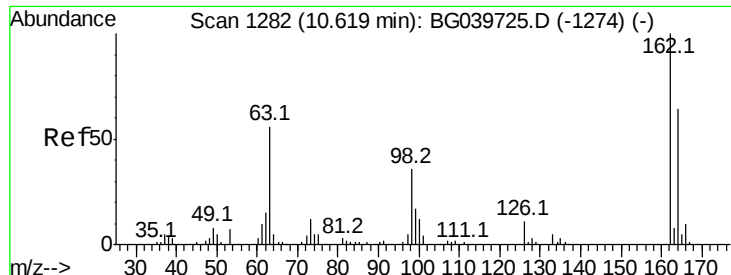
Tot Ion:122 Resp: 89279
Ion Ratio Lower Upper
122 100
107 122.4 91.7 137.5
121 59.0 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 27.414 ng
RT: 10.35 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion: 93 Resp: 117486
Ion Ratio Lower Upper
93 100
95 32.2 25.0 37.4
123 12.0 8.6 12.8

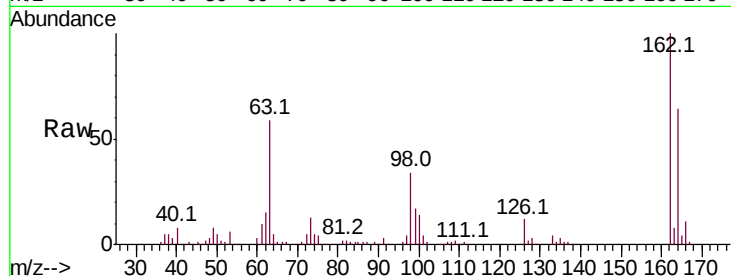




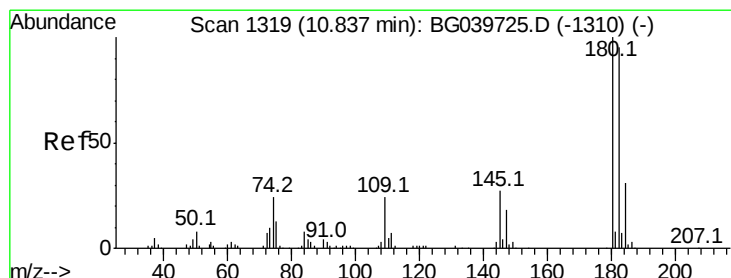
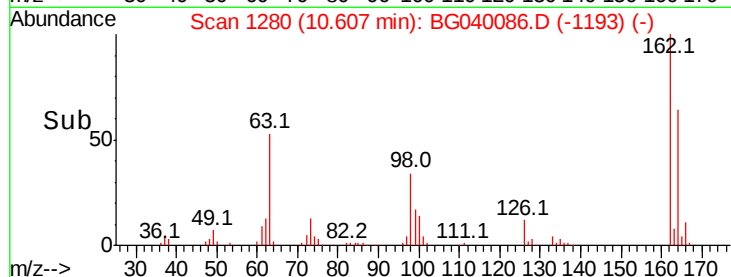
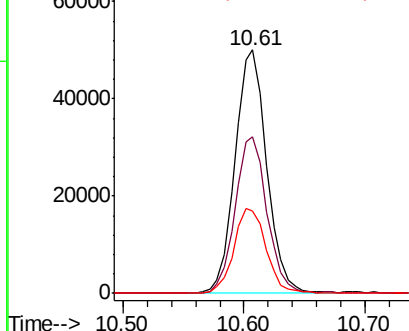
#29
 2,4-Dichlorophenol
 Concen: 30.711 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	48.1	88.1
98	33.8	18.1	58.1

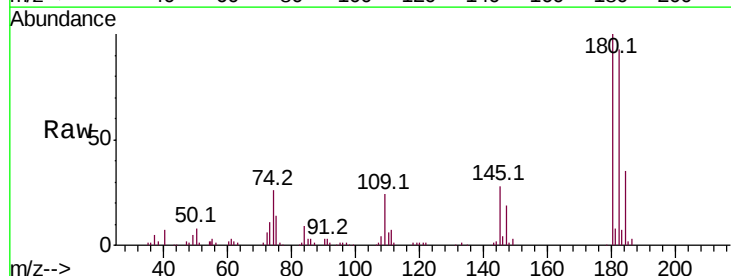


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

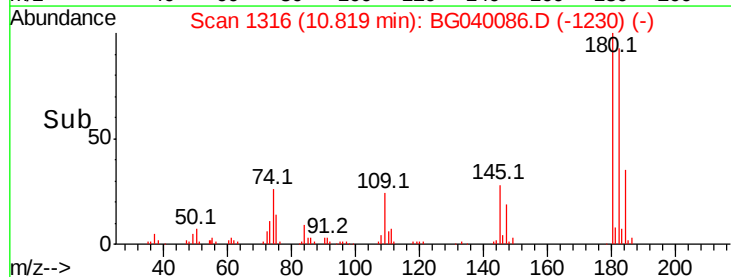
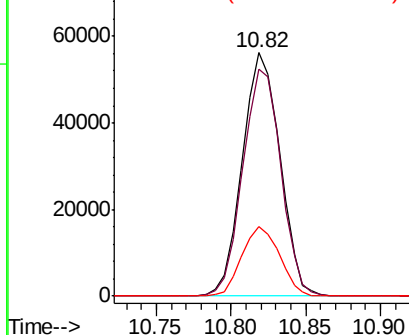


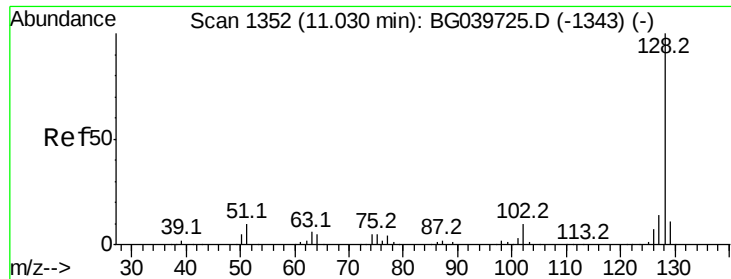
#30
 1,2,4-Trichlorobenzene
 Concen: 29.191 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	28.5	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

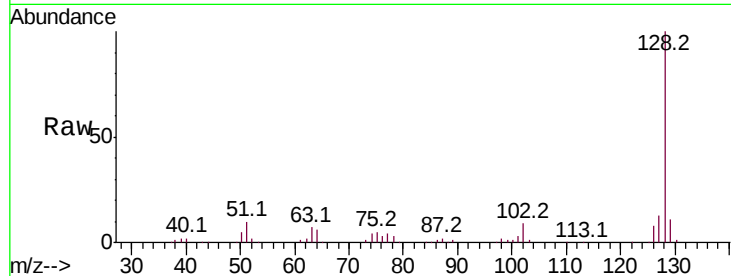




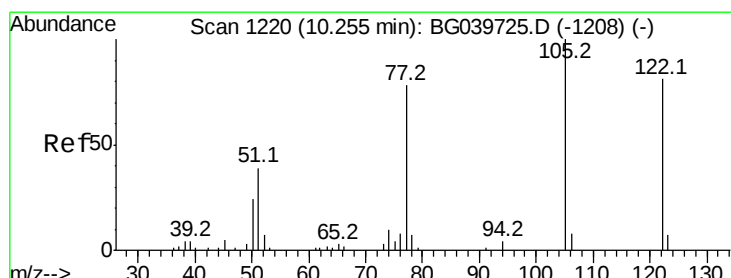
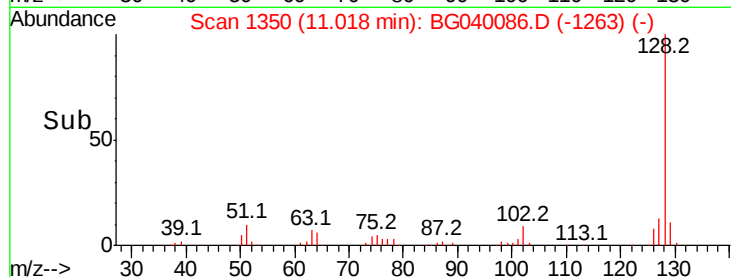
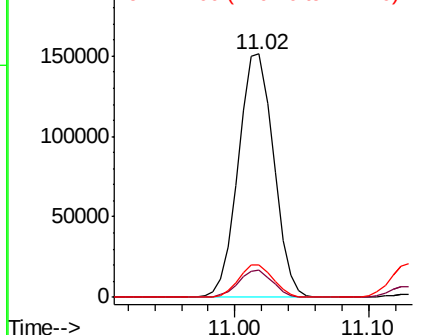
#31
Naphthalene
Concen: 28.784 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 277415
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2

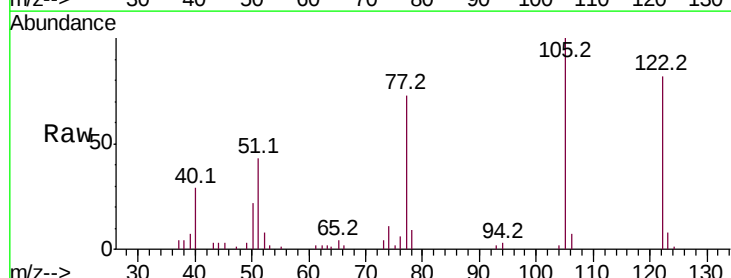


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

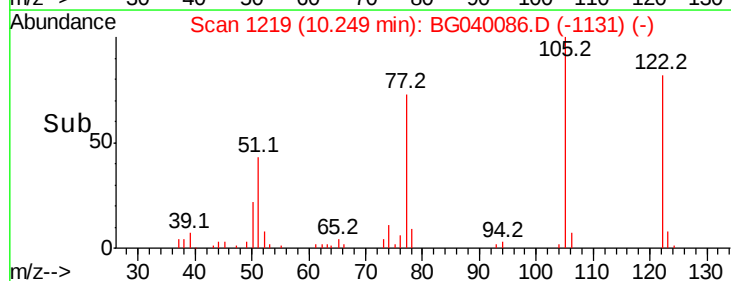
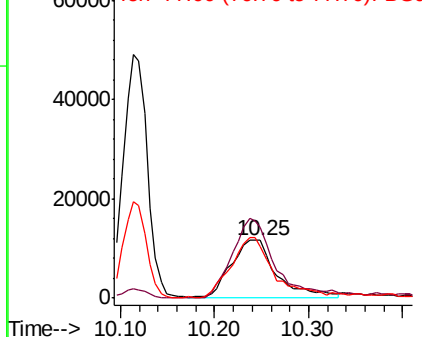


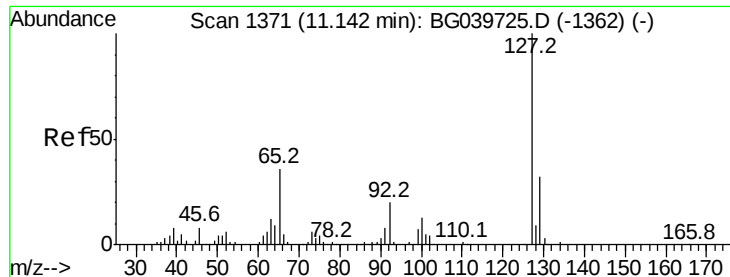
#32
Benzoic acid
Concen: 24.613 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:122 Resp: 38022
Ion Ratio Lower Upper
122 100
105 121.7 101.8 141.8
77 88.6 76.3 116.3



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

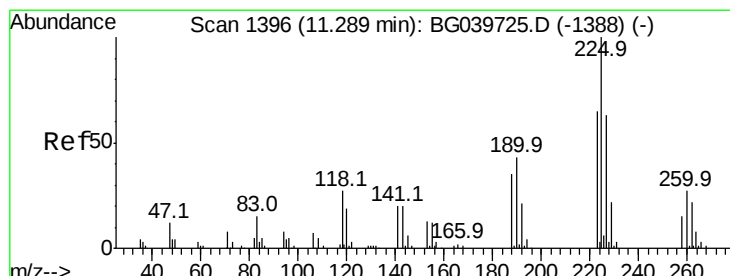
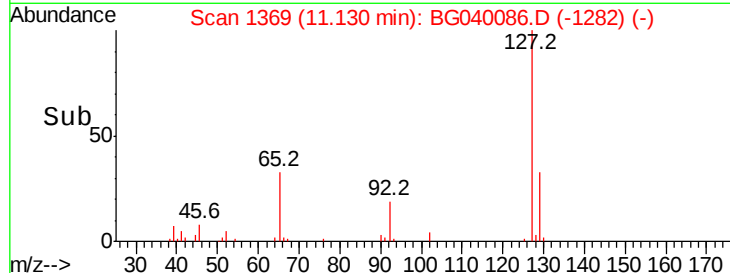
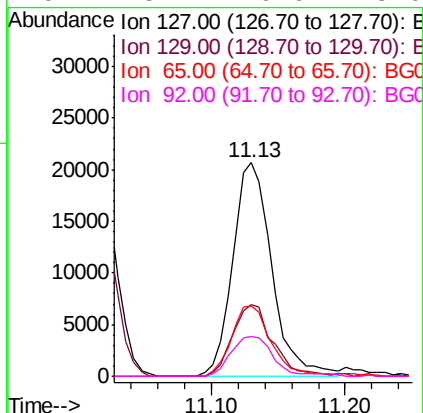
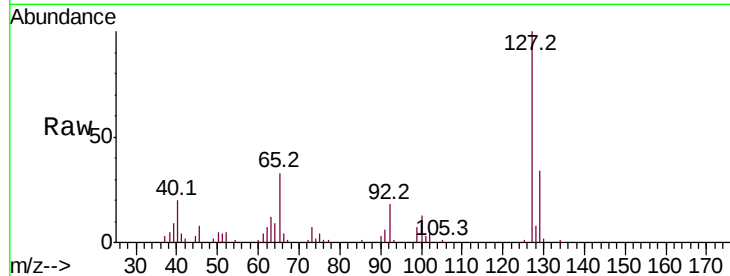




#33
4-Chloroaniline
Concen: 10.277 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

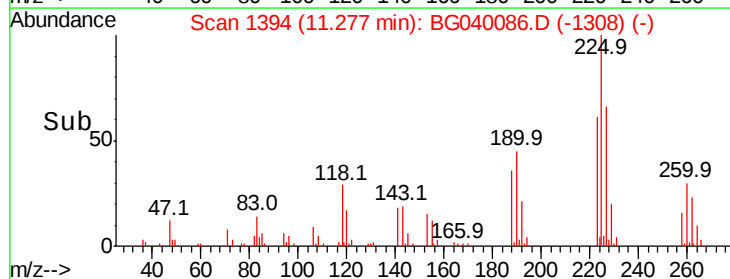
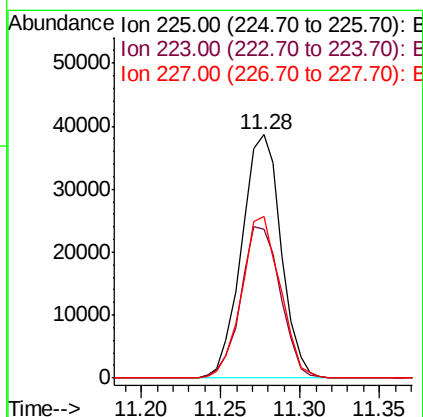
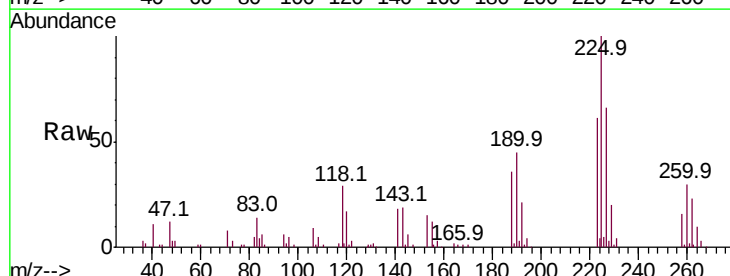
Instrument :
BNA_G
ClientSampleId :

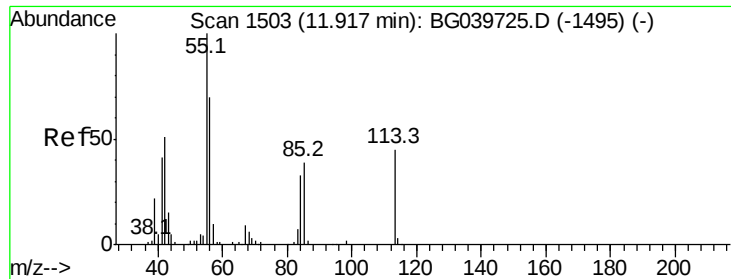
Tot Ion:	127	Resp:	42001
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.0	40.4
65	33.0	28.8	43.2
92	18.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 29.083 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:	225	Resp:	66757
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.0	73.6
227	66.5	46.3	69.5

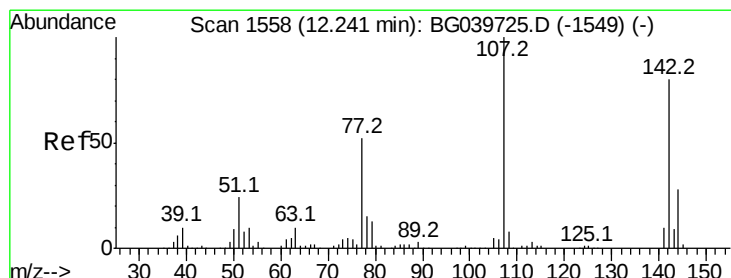
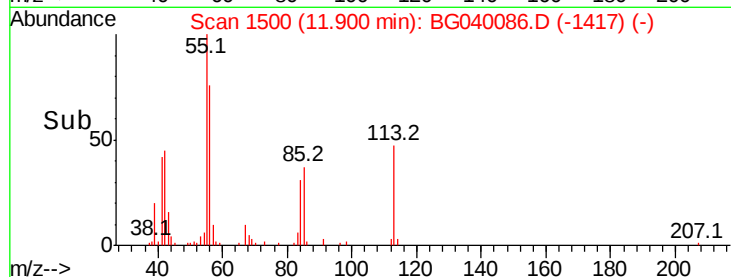
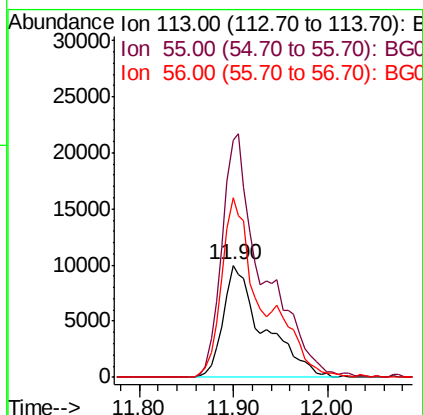
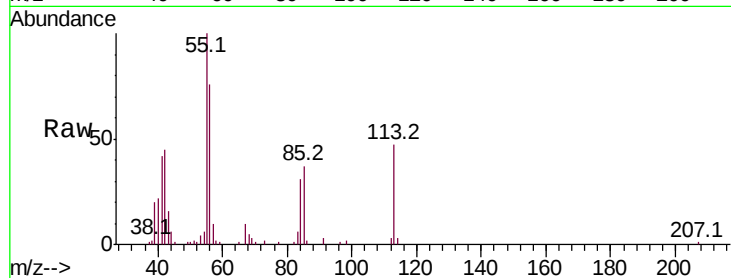




#35
 Caprolactam
 Concen: 26.052 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.04 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

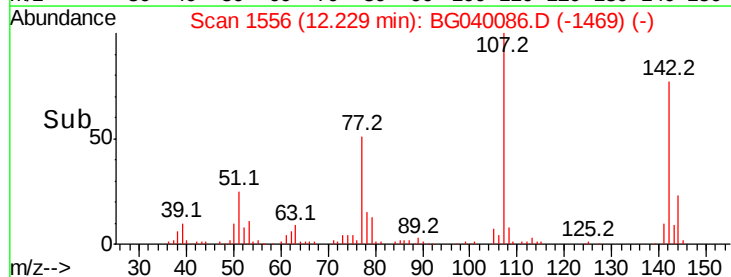
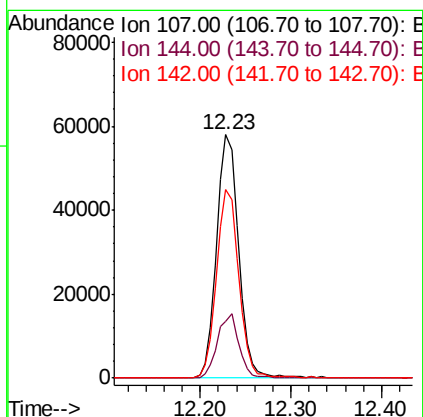
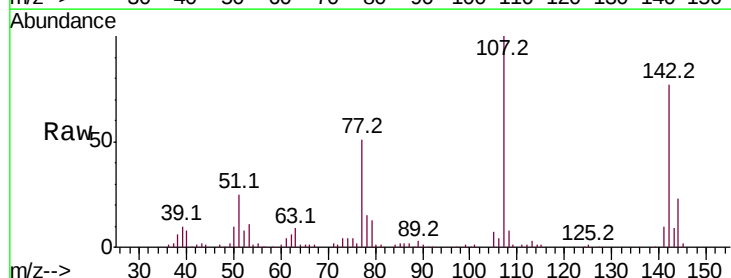
Instrument :
 BNA_G
 ClientSampled :

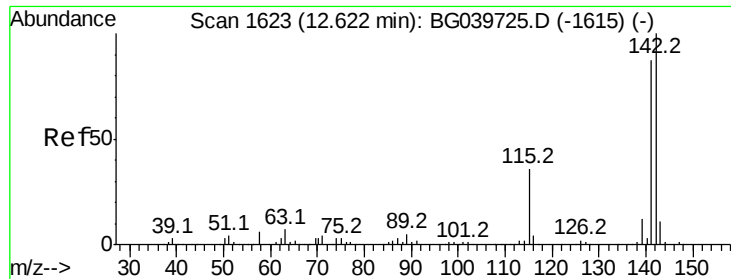
Tot Ion:113 Resp: 29708
 Ion Ratio Lower Upper
 113 100
 55 211.7 216.9 256.9#
 56 161.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 28.567 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion:107 Resp: 97754
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.2 30.2
 142 77.2 61.4 92.2

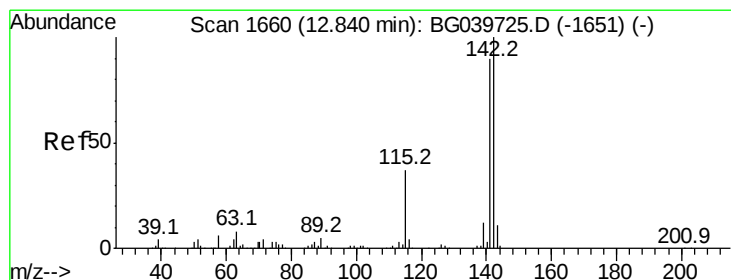
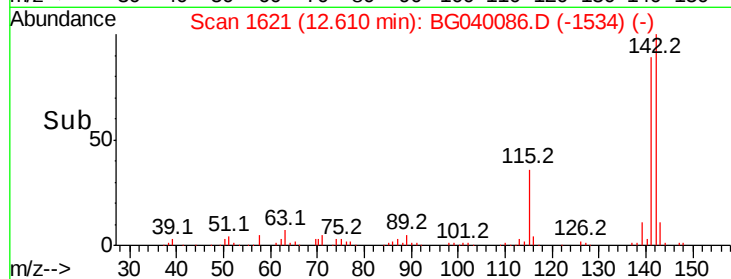
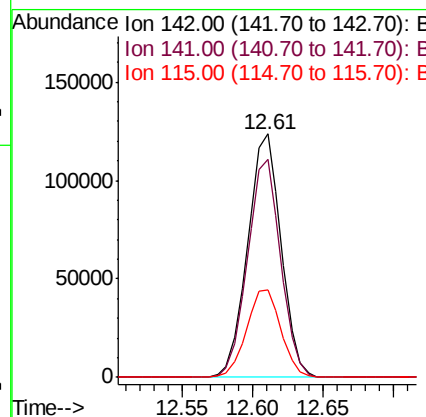
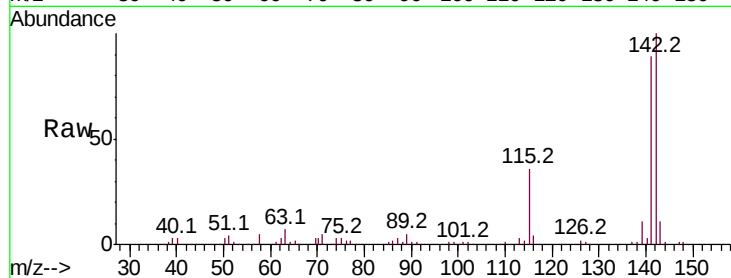




#37
 2-Methylnaphthalene
 Concen: 28.454 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

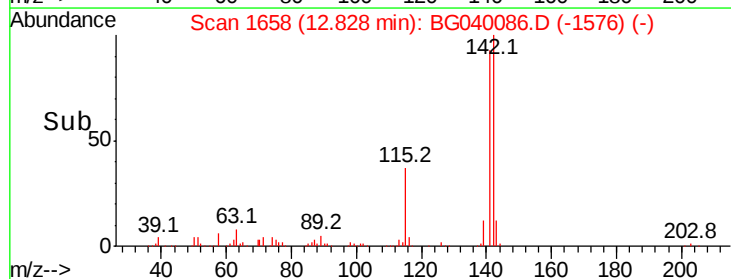
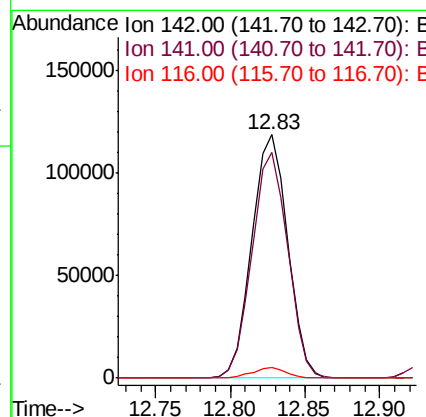
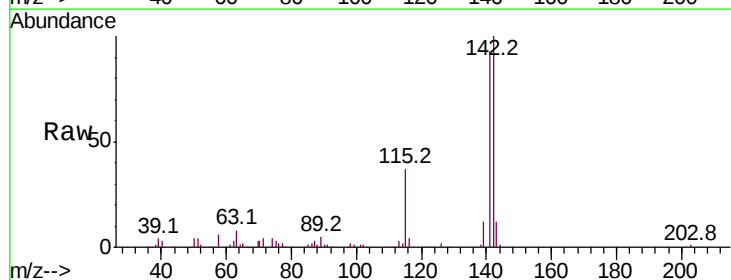
Instrument :
 BNA_G
 ClientSampleId :

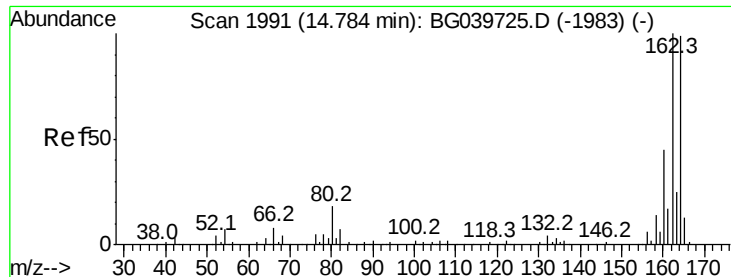
Tot Ion:142 Resp: 205024
 Ion Ratio Lower Upper
 142 100
 141 89.3 73.5 110.3
 115 35.9 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 27.964 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion:142 Resp: 195813
 Ion Ratio Lower Upper
 142 100
 141 92.5 74.2 111.4
 116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

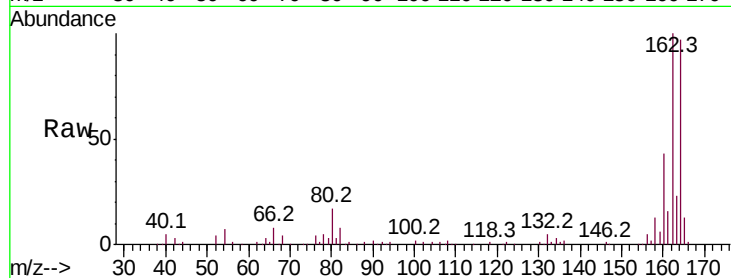
Tot Ion:164 Resp: 117876

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

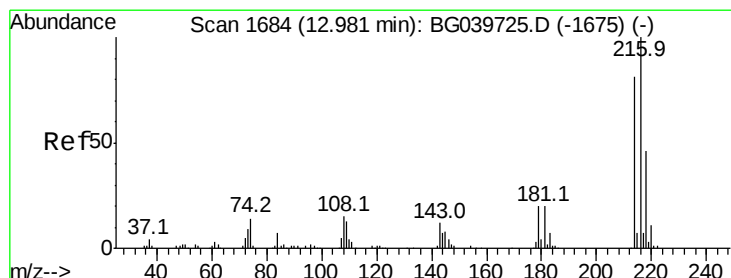
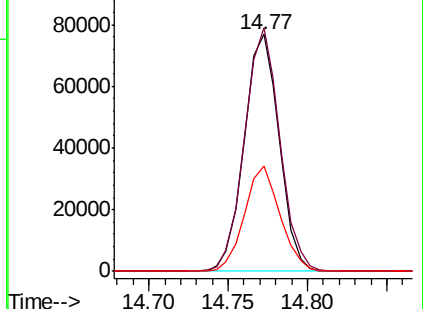
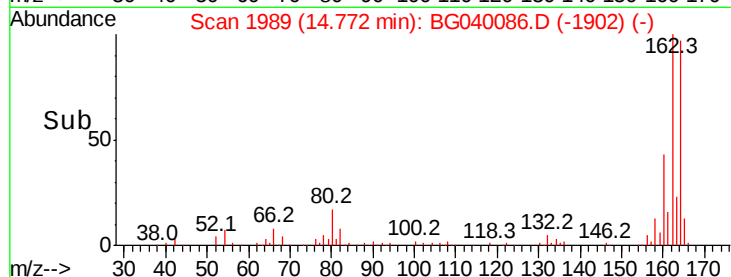
160 44.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.065 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Tgt Ion:216 Resp: 116067

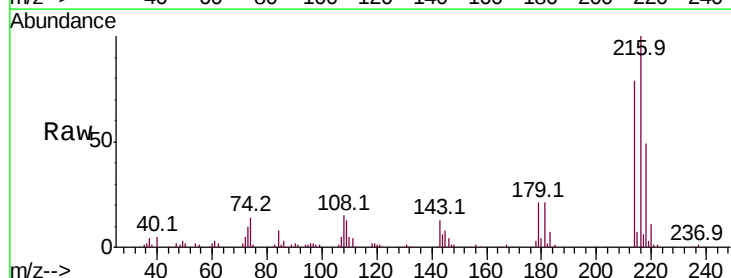
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 19.8 16.6 25.0

108 18.5 14.0 21.0

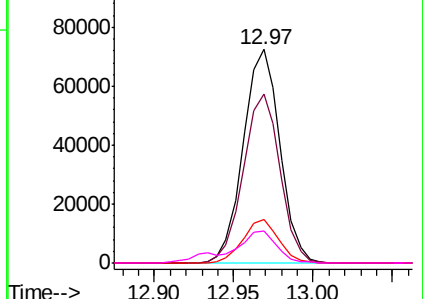
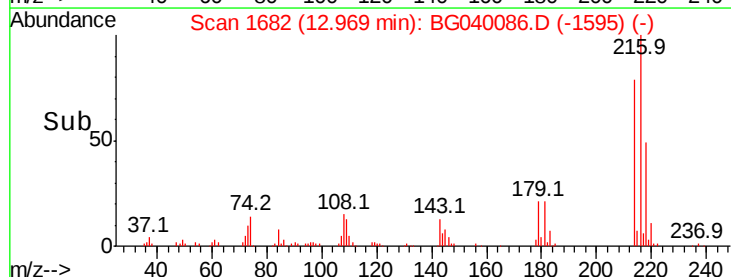


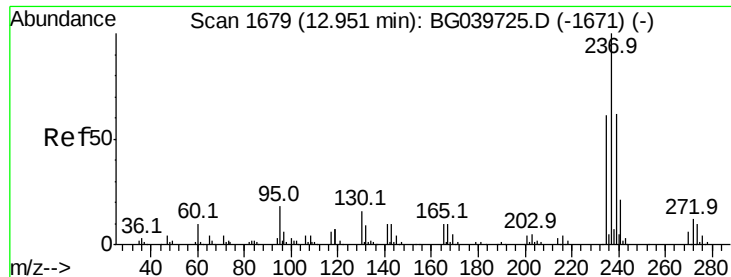
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.281 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

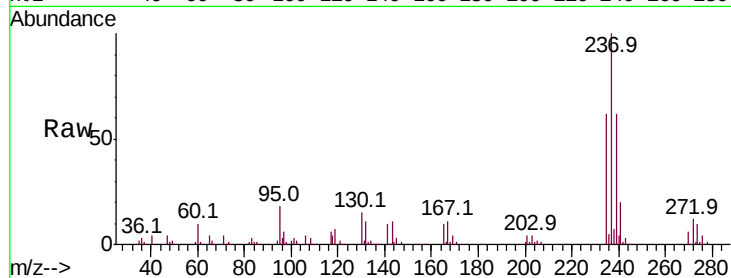
Tot Ion:237 Resp: 158964

Ion Ratio Lower Upper

237 100

235 61.6 43.3 83.3

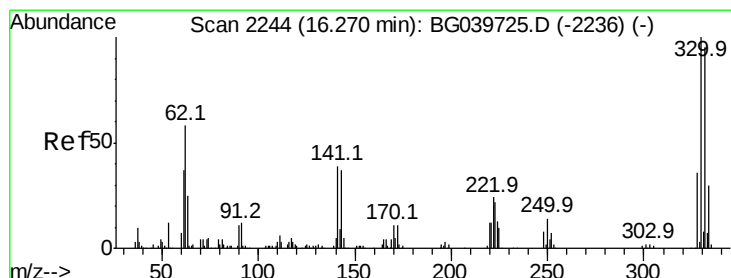
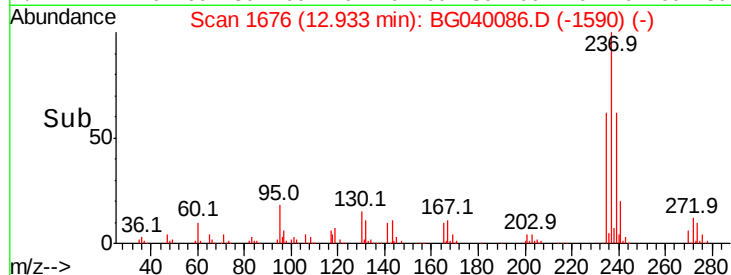
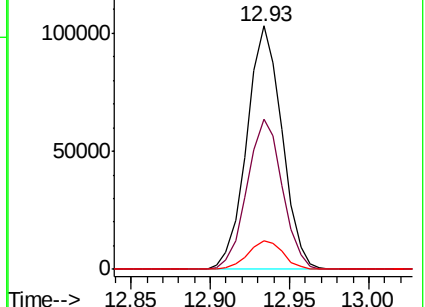
272 11.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 62.366 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

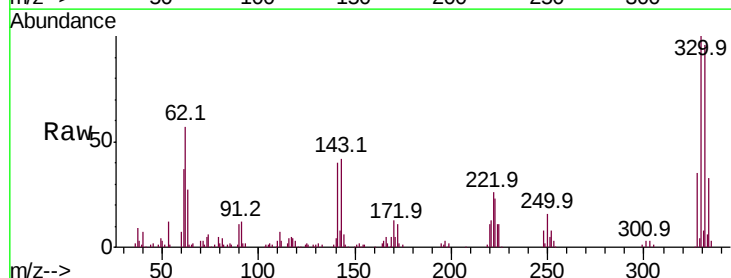
Tgt Ion:330 Resp: 85687

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

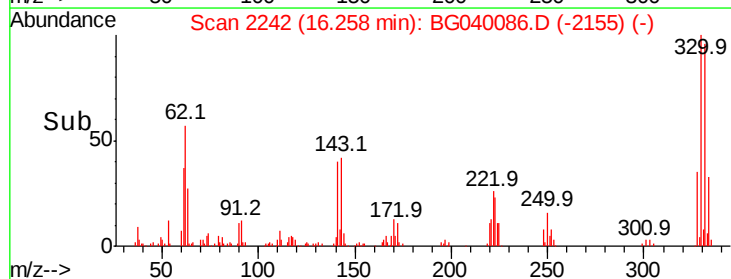
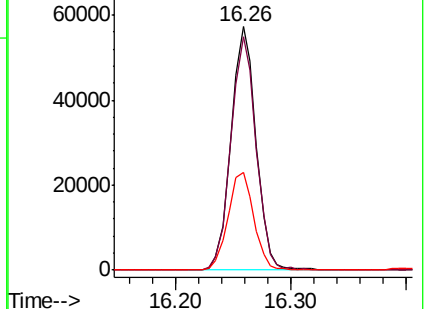
141 41.1 35.6 53.4

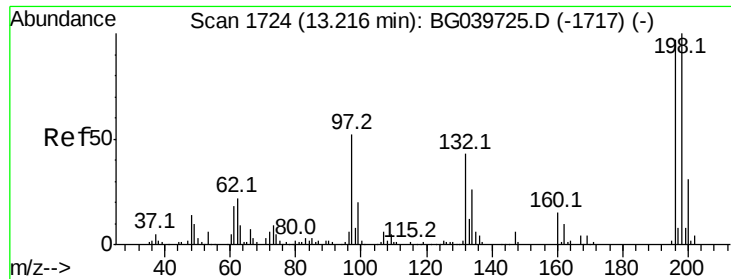


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

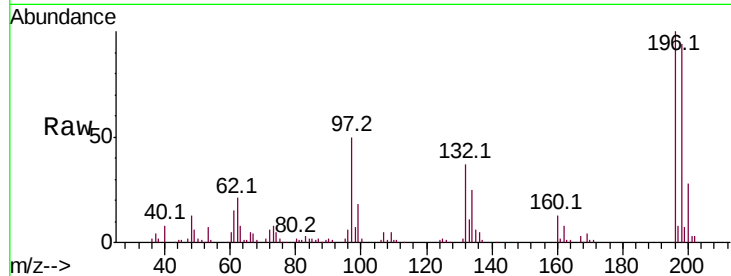




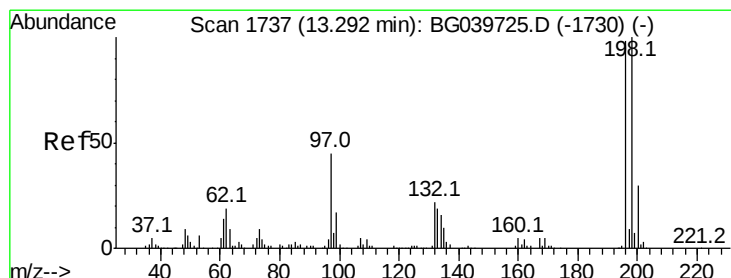
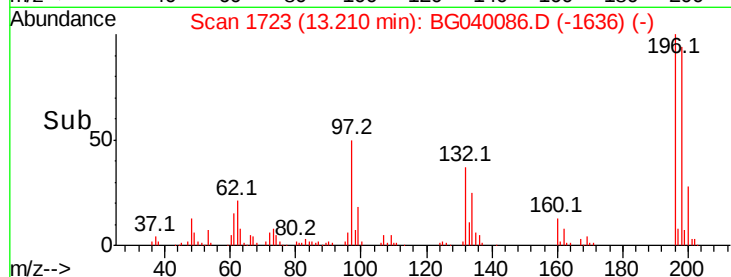
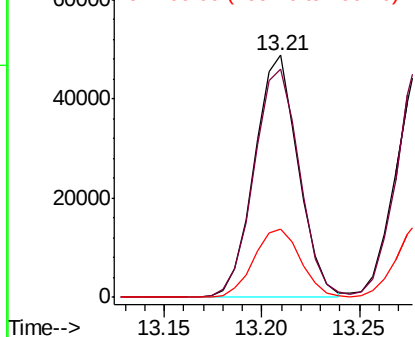
#43
 2,4,6-Trichlorophenol
 Concen: 32.420 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 75796
 Ion Ratio Lower Upper
 196 100
 198 94.1 80.6 121.0
 200 28.4 26.1 39.1

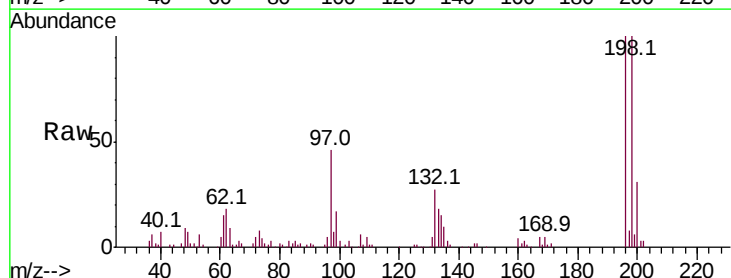


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

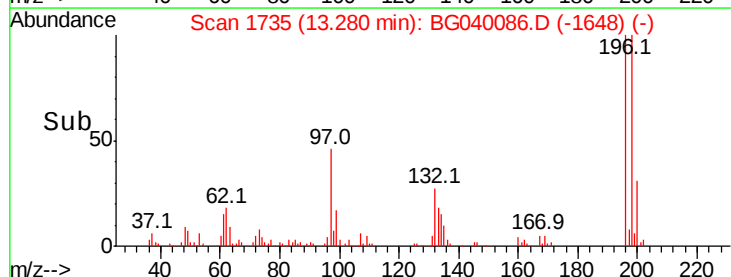
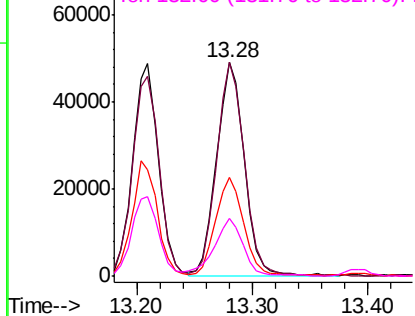


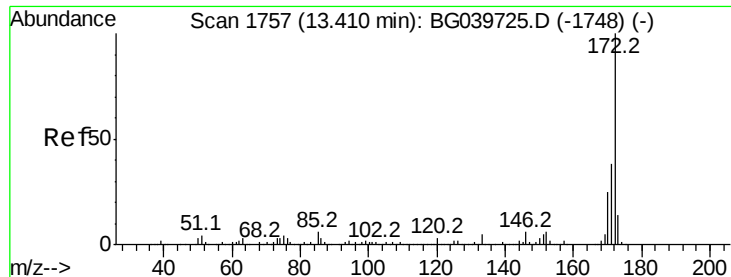
#44
 2,4,5-Trichlorophenol
 Concen: 31.138 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion:196 Resp: 82056
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.5 117.7
 97 46.1 38.4 57.6
 132 26.9 19.2 28.8



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

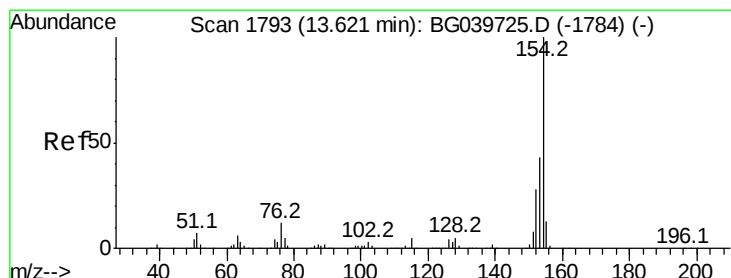
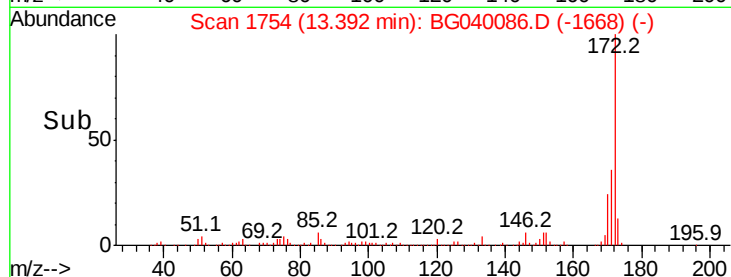
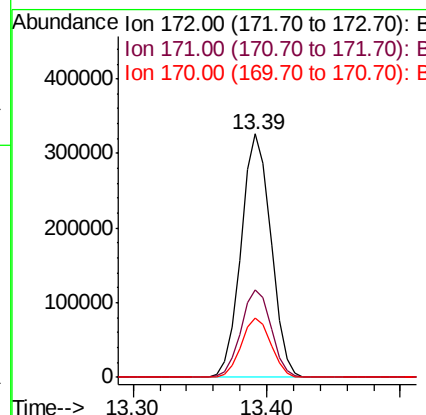
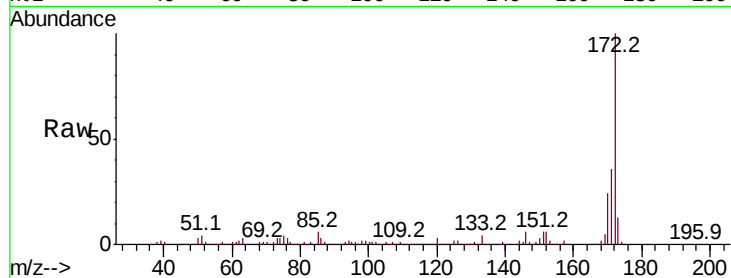




#45
 2-Fluorobiphenyl
 Concen: 60.740 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

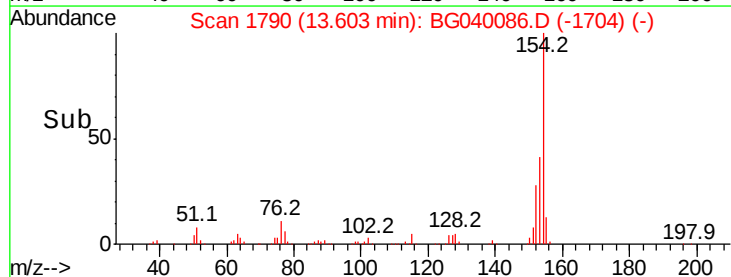
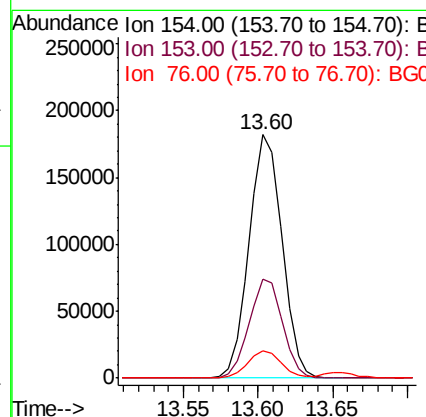
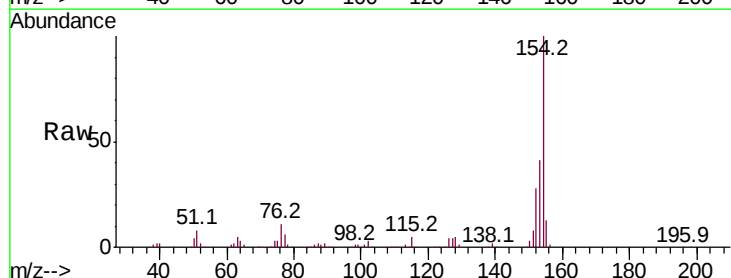
Instrument :
 BNA_G
 ClientSampleId :

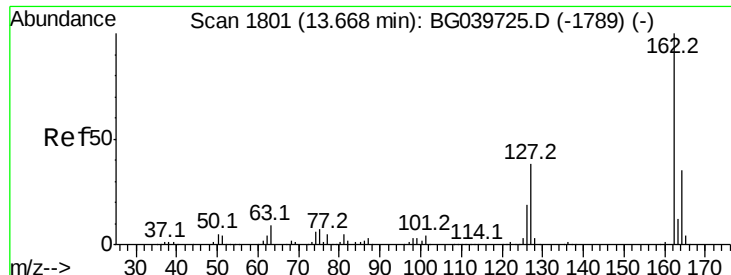
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	24.2	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 28.627 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.1	62.1
76	11.0	0.0	32.4

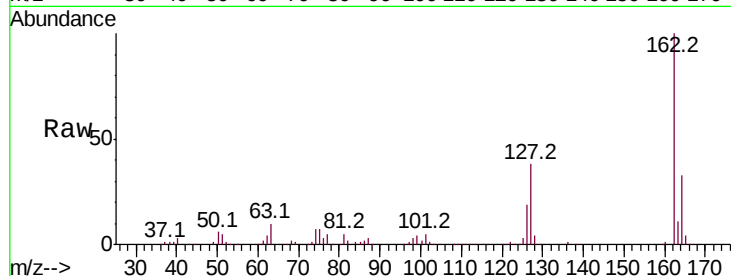




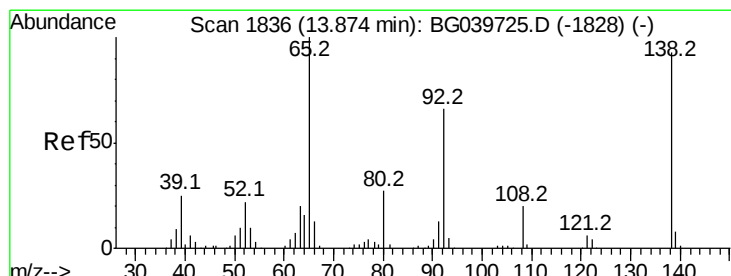
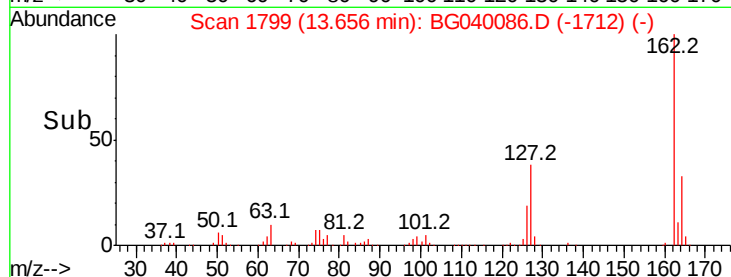
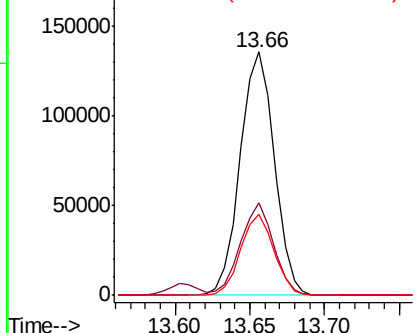
#47
 2-Chloronaphthalene
 Concen: 29.428 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.0	46.6
164	33.4	25.7	38.5

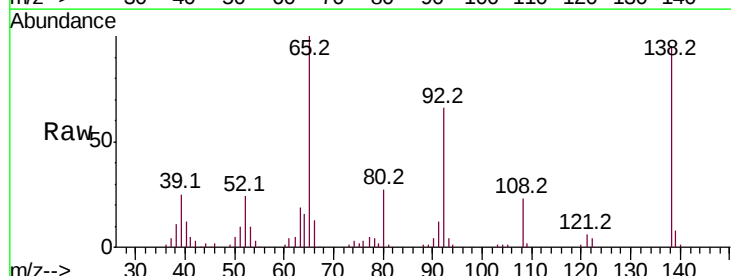


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

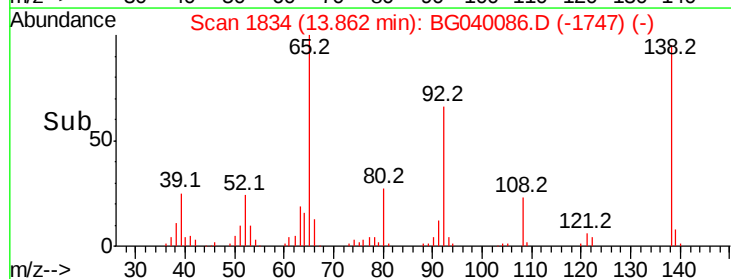
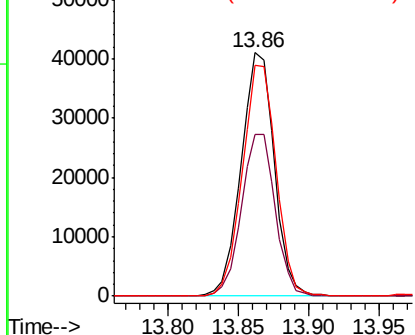


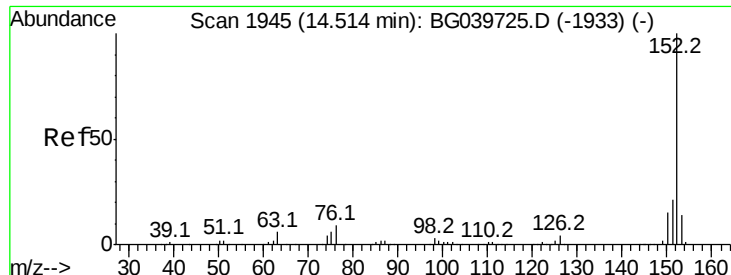
#48
 2-Nitroaniline
 Concen: 28.756 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	51.4	77.2
138	95.1	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: 28.365 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

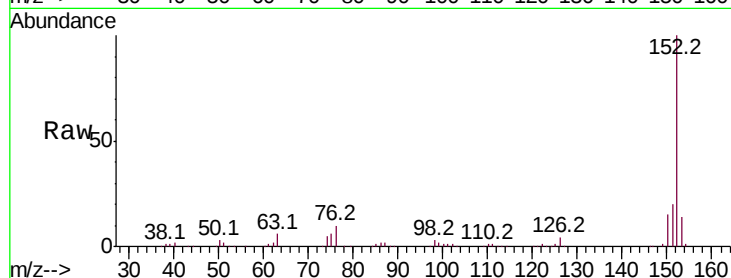
Tot Ion:152 Resp: 339615

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

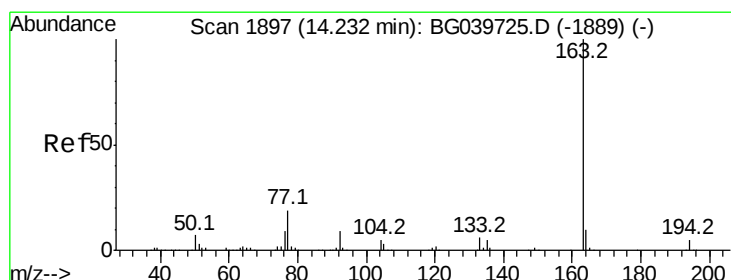
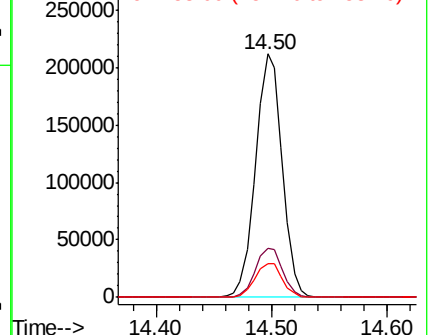
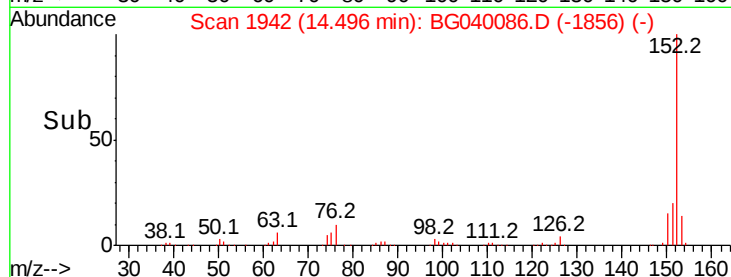
153 13.8 11.7 17.5



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: 28.340 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

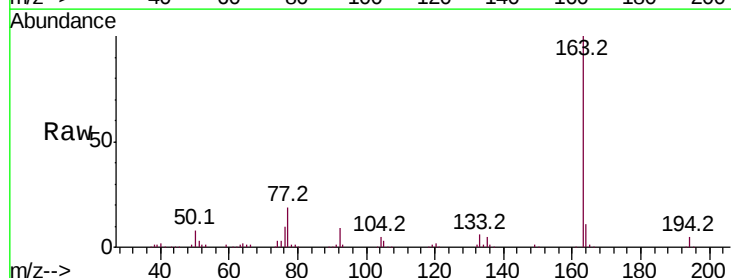
Tgt Ion:163 Resp: 279340

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

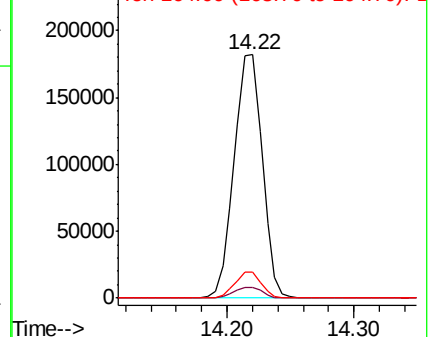
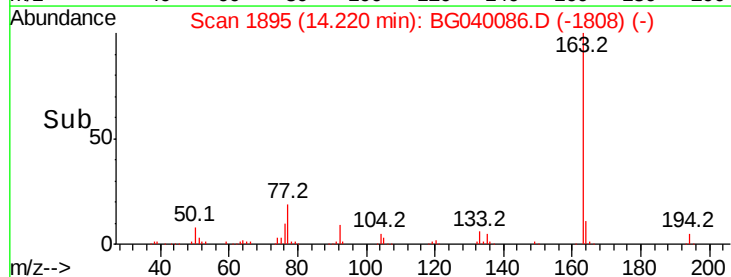
164 10.6 8.4 12.6

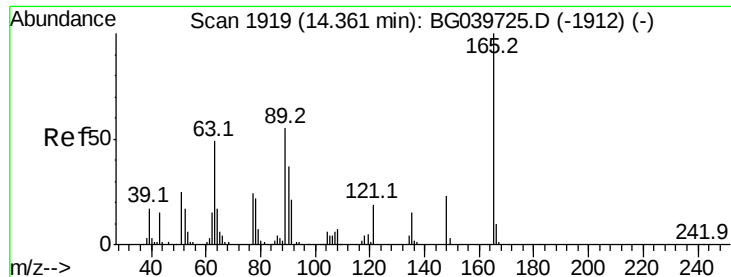


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

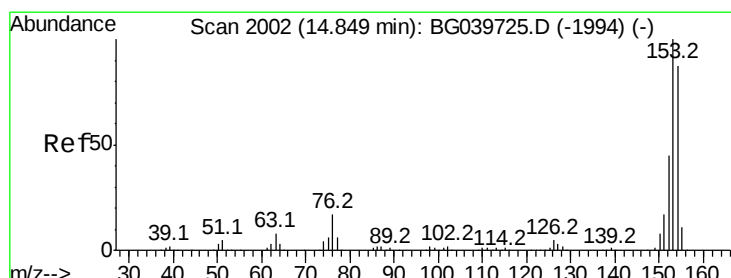
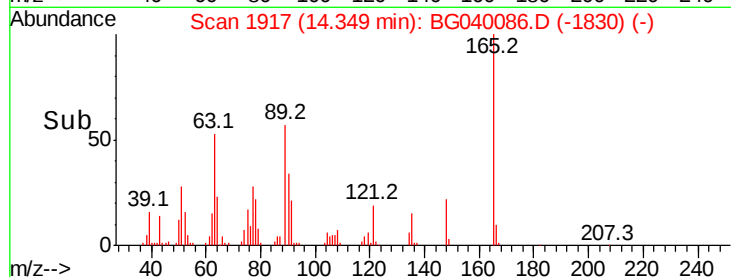
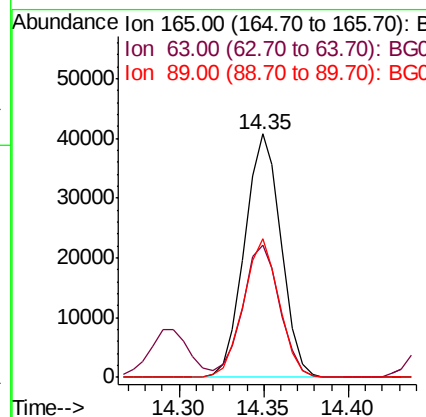
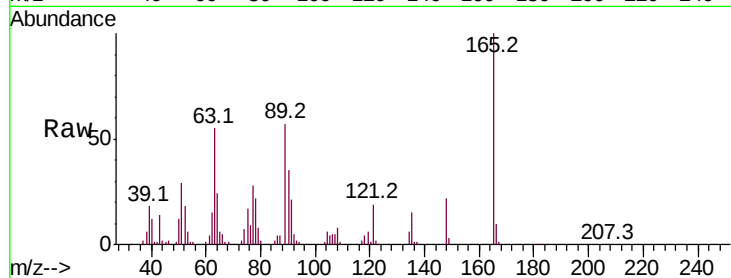




#51
 2,6-Dinitrotoluene
 Concen: 29.230 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

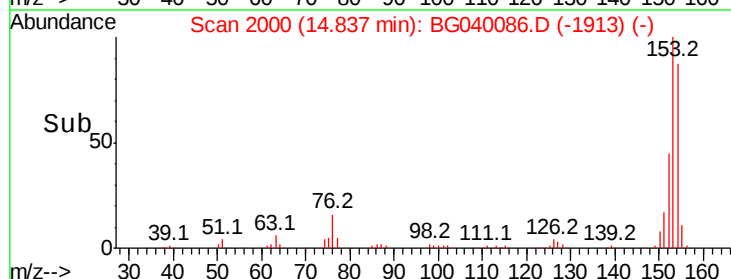
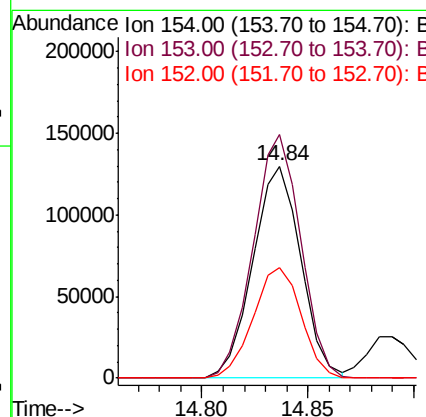
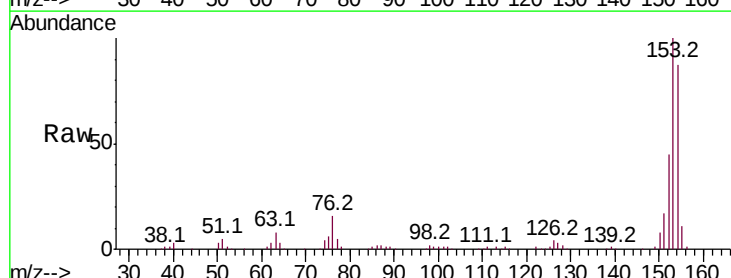
Instrument :
 BNA_G
 ClientSampled :

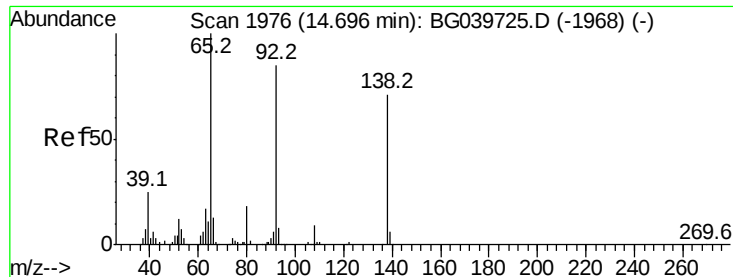
Tot Ion:165 Resp: 61078
 Ion Ratio Lower Upper
 165 100
 63 54.5 47.0 70.6
 89 57.1 45.8 68.8



#52
 Acenaphthene
 Concen: 28.457 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion:154 Resp: 205069
 Ion Ratio Lower Upper
 154 100
 153 115.0 90.1 135.1
 152 52.0 40.9 61.3

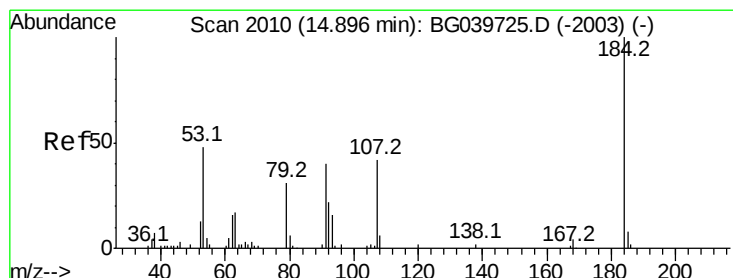
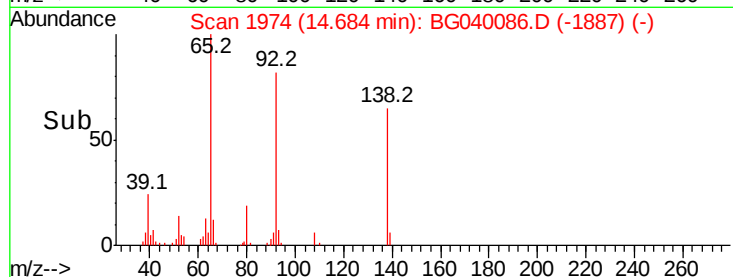
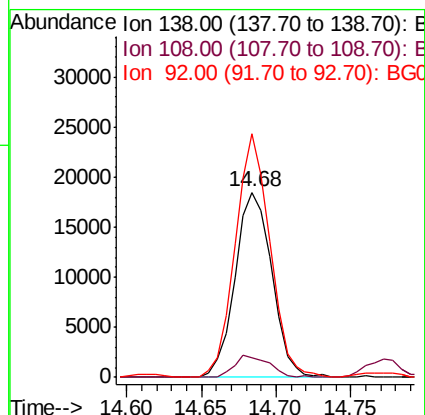
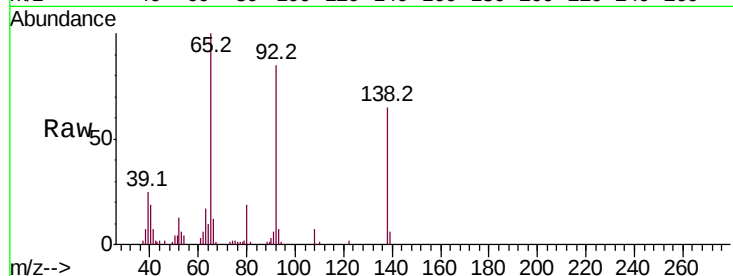




#53
3-Nitroaniline
Concen: 15.095 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

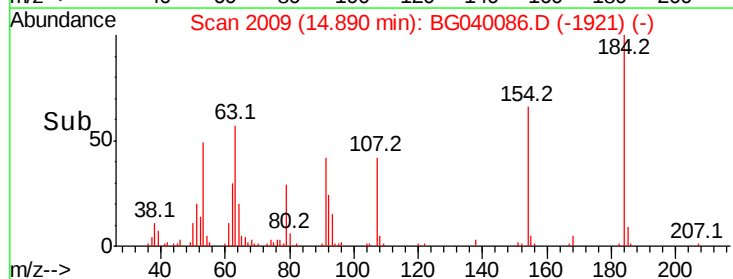
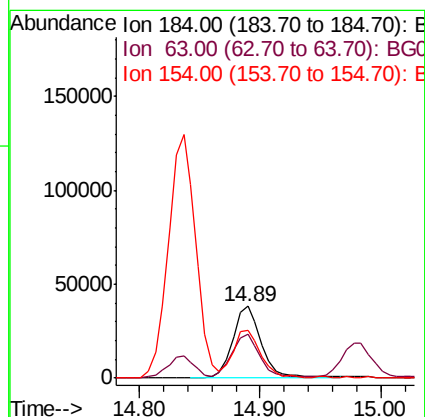
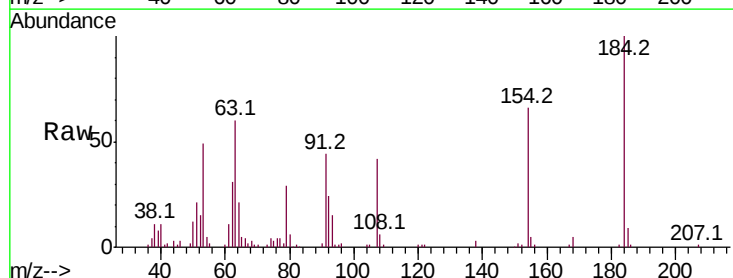
Instrument :
BNA_G
ClientSampleId :

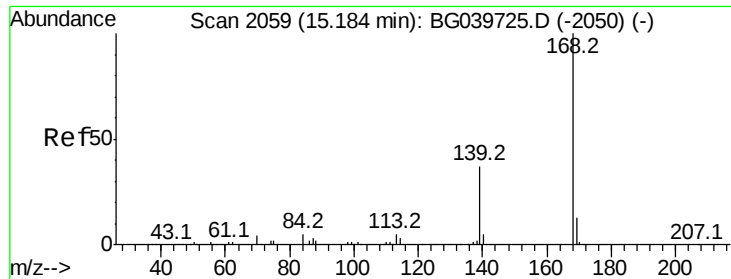
Tot Ion:138 Resp: 31706
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 131.7 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 50.300 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:184 Resp: 63531
Ion Ratio Lower Upper
184 100
63 60.3 50.9 76.3
154 65.9 53.0 79.6





#55

Dibenzenofuran

Concen: 29.081 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

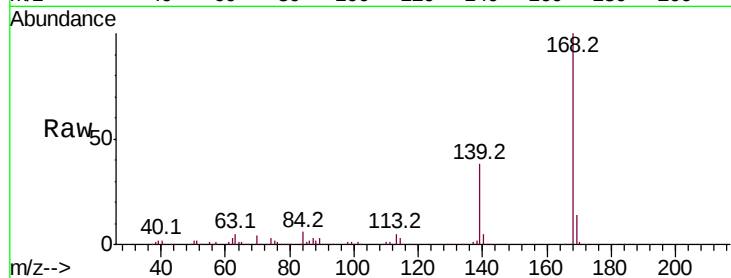
Tot Ion:168 Resp: 343840

Ion Ratio Lower Upper

168 100

139 37.9 30.1 45.1

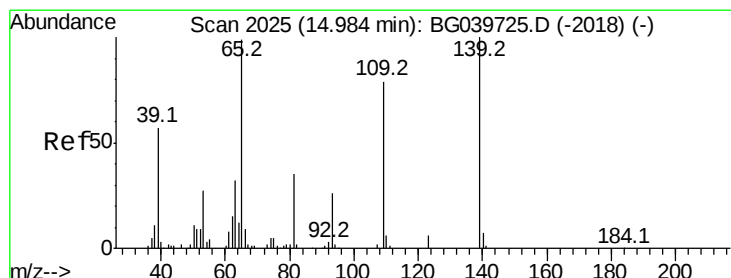
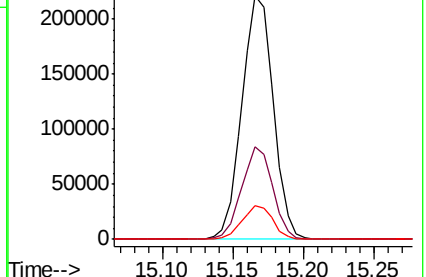
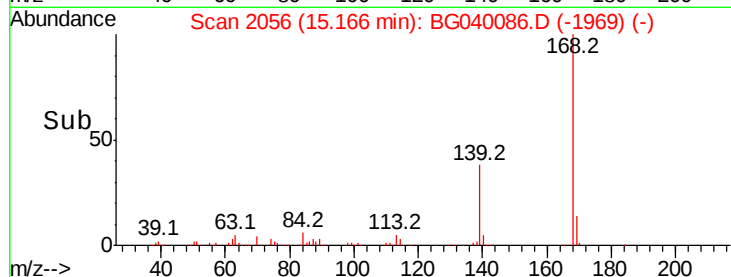
169 13.7 10.6 16.0



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: 56.051 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

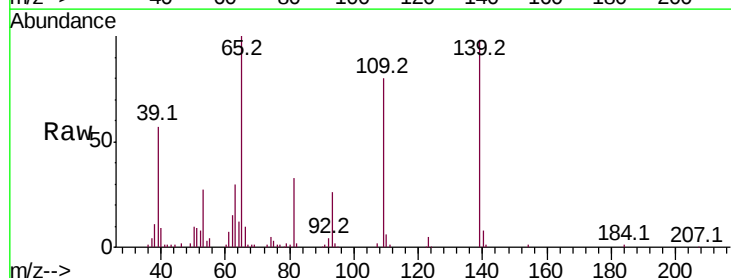
Tgt Ion:139 Resp: 105320

Ion Ratio Lower Upper

139 100

109 81.4 61.9 101.9

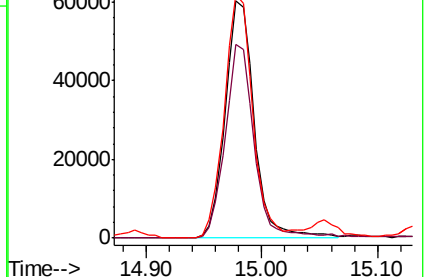
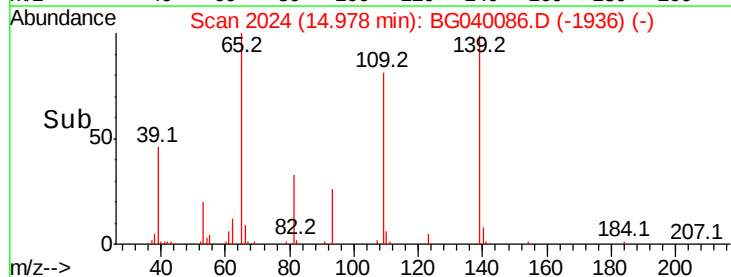
65 102.4 99.1 139.1

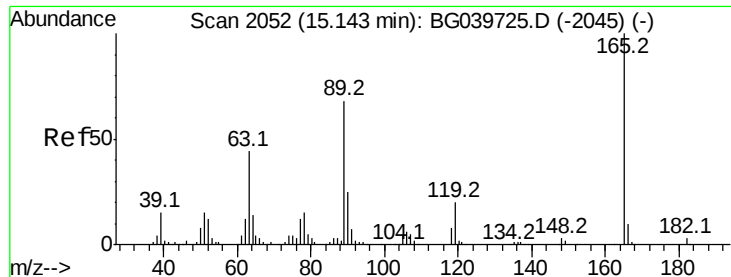


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

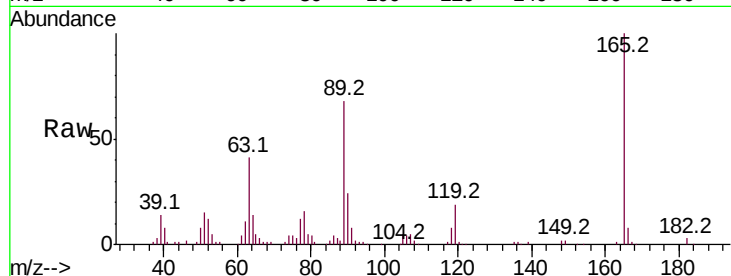




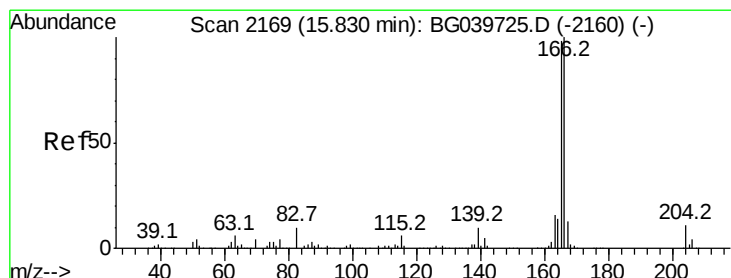
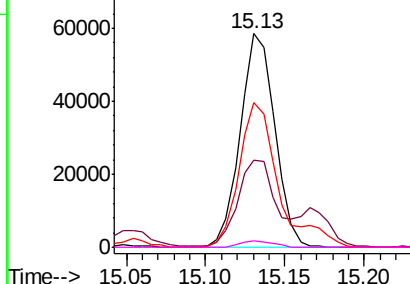
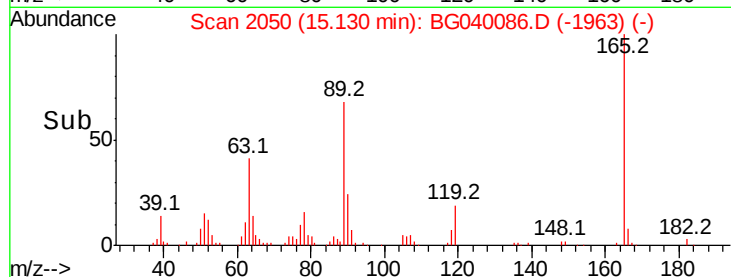
#57
2,4-Dinitrotoluene
Concen: 30.170 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 88583
Ion Ratio Lower Upper
165 100
63 41.0 41.0 61.6#
89 67.6 64.6 96.8
182 3.1 2.0 3.0#

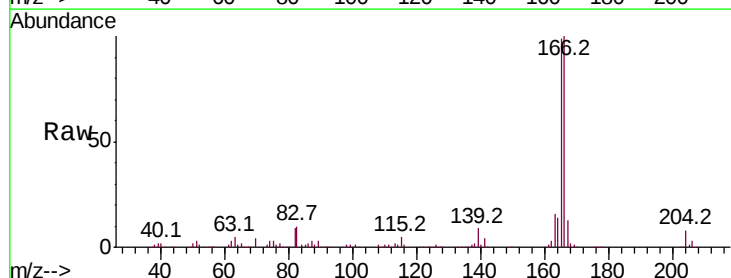


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

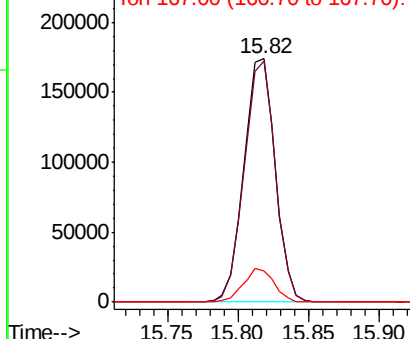
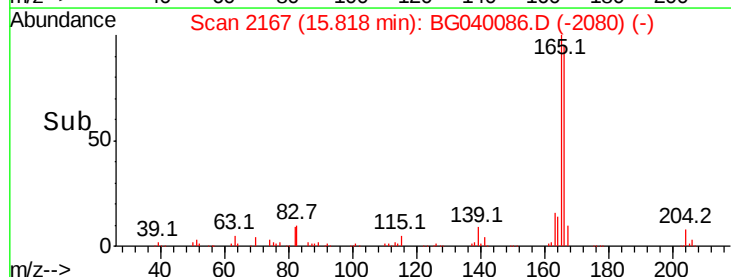


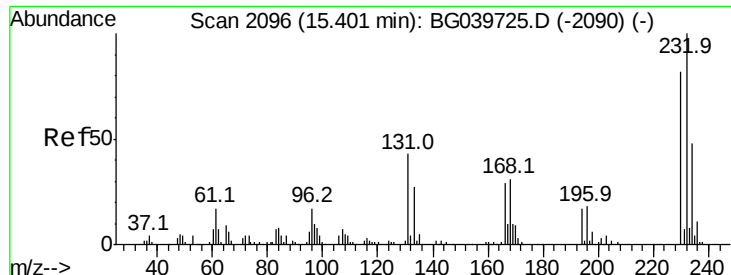
#58
Fluorene
Concen: 29.154 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:166 Resp: 270981
Ion Ratio Lower Upper
166 100
165 98.9 77.9 116.9
167 12.8 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

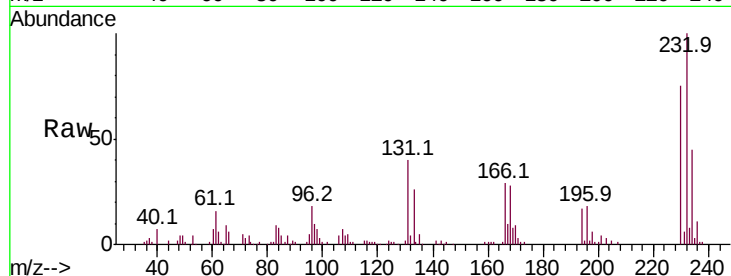




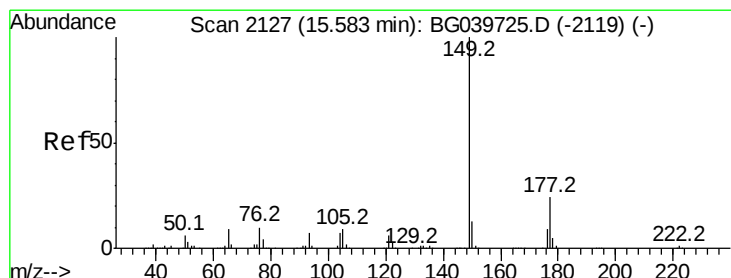
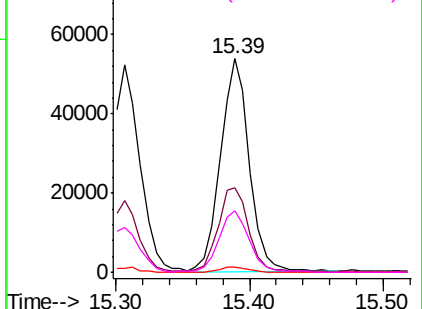
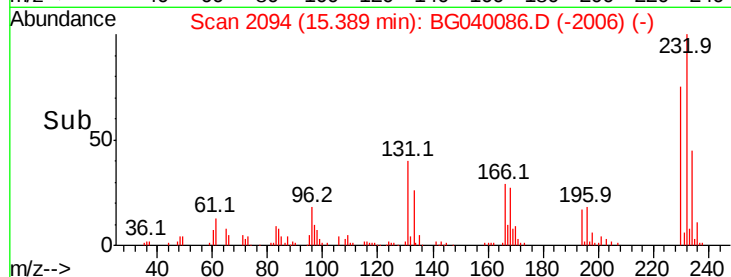
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.477 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 81010
Ion Ratio Lower Upper
232 100
131 41.0 34.9 52.3
130 2.2 2.0 3.0
166 30.1 24.1 36.1

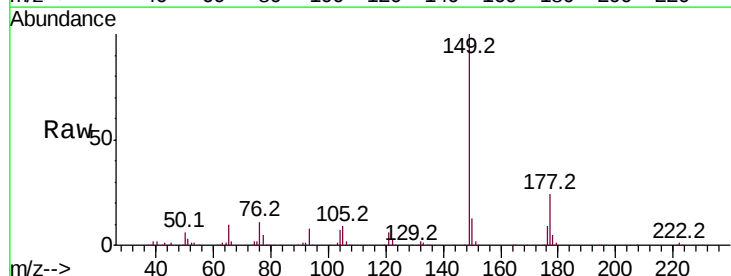


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

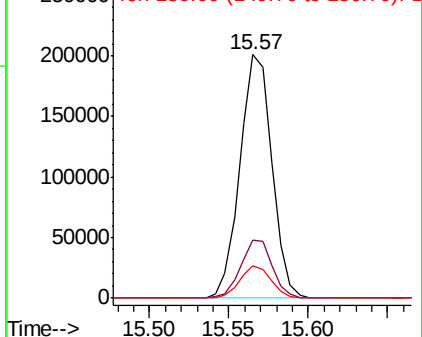
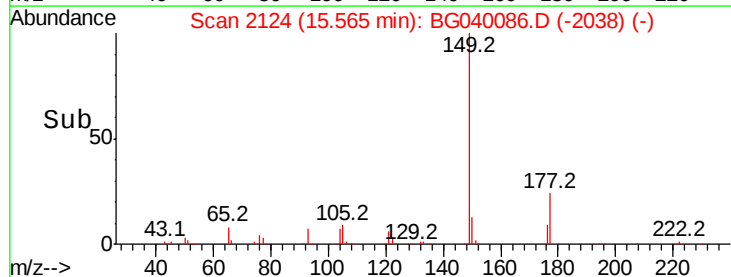


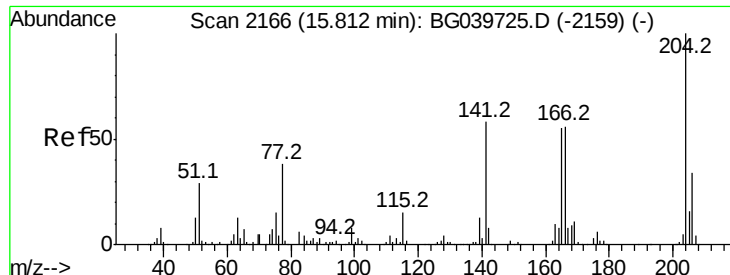
#60
Diethylphthalate
Concen: 28.707 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:149 Resp: 280101
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 13.3 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

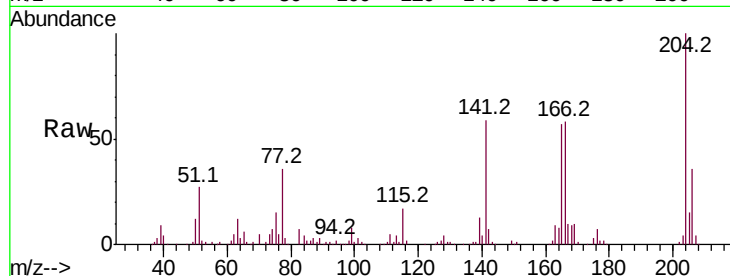




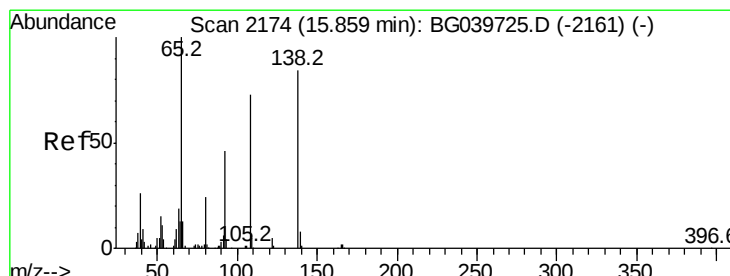
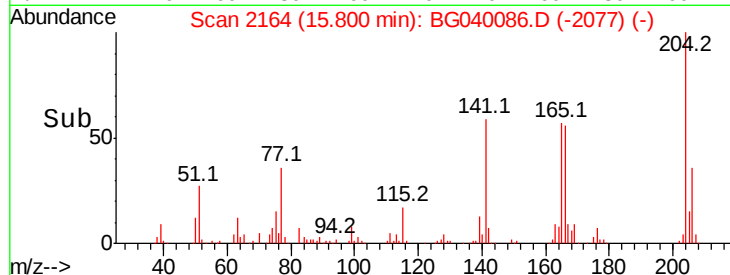
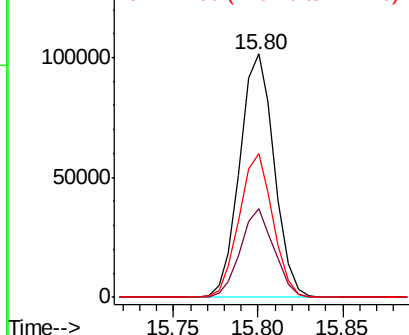
#61
 4-Chlorophenyl-phenylether
 Concen: 29.058 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 144126
 Ion Ratio Lower Upper
 204 100
 206 36.4 29.2 43.8
 141 58.8 49.0 73.4

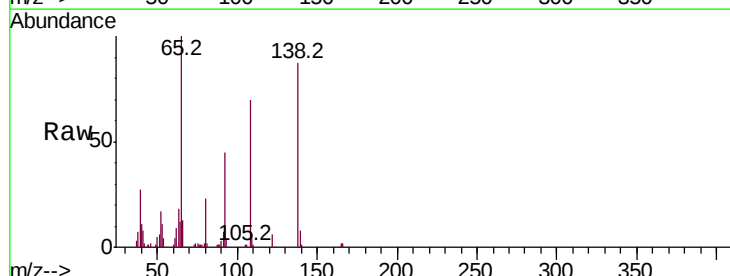


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

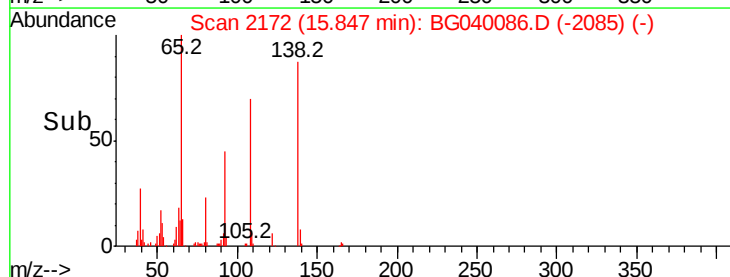
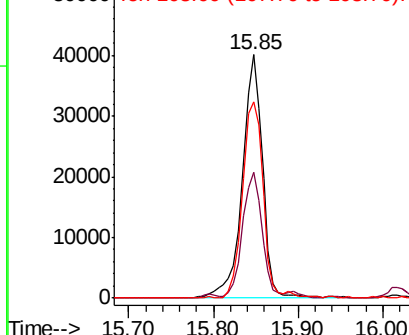


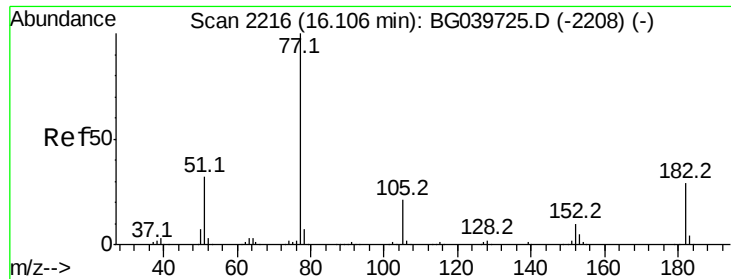
#62
 4-Nitroaniline
 Concen: 29.079 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion:138 Resp: 66217
 Ion Ratio Lower Upper
 138 100
 92 51.5 38.7 78.7
 108 80.5 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

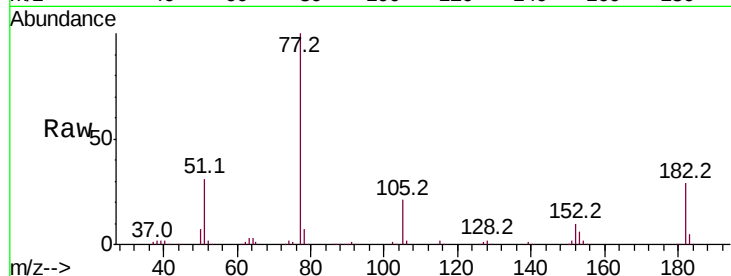




#63
Azobenzene
Concen: 28.572 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.4	6.4	46.4
105	20.8	0.0	39.8
51	30.8	14.1	54.1



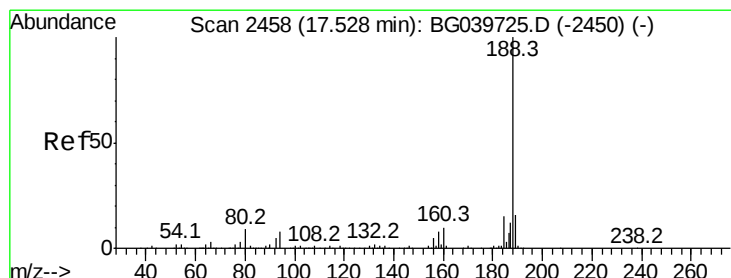
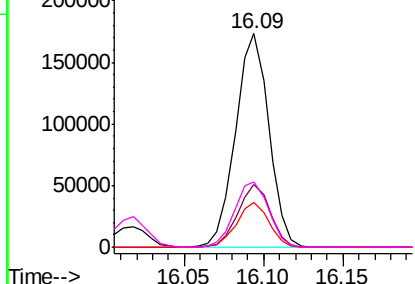
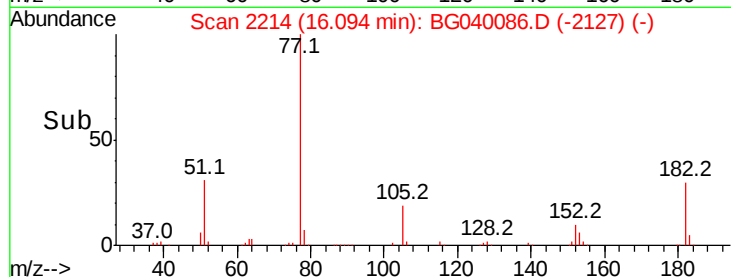
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

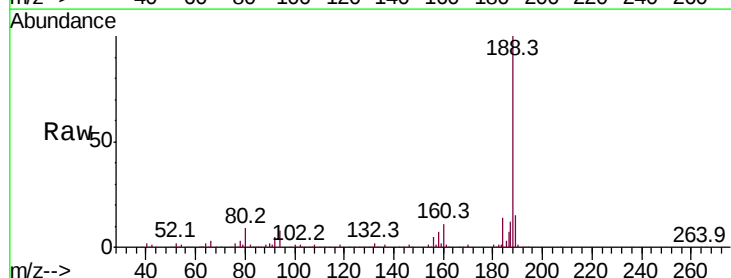
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.1	8.1	12.1

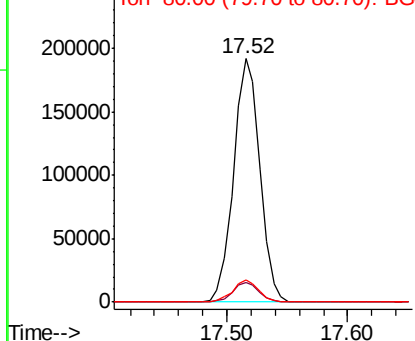
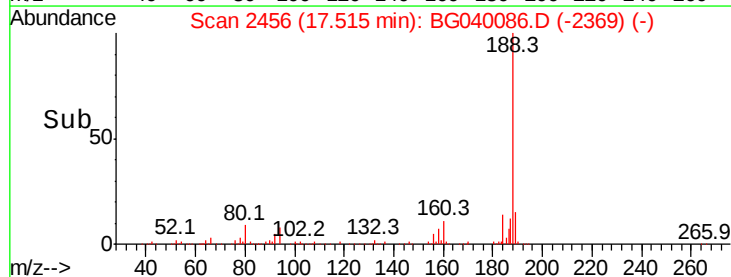


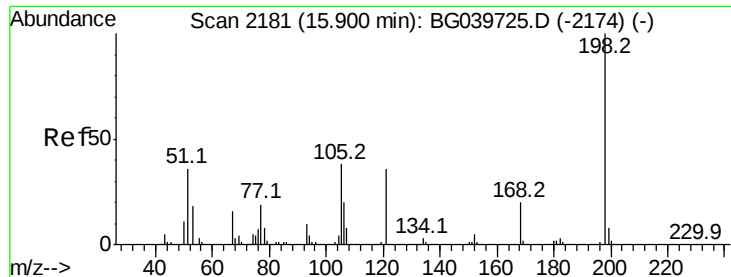
Abundance

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: 29.951 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampled :

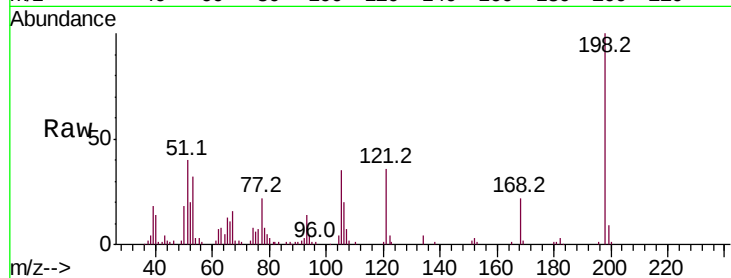
Tot Ion:198 Resp: 51351

Ion Ratio Lower Upper

198 100

51 40.5 27.4 67.4

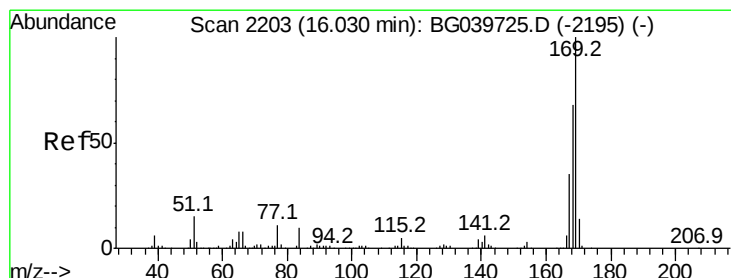
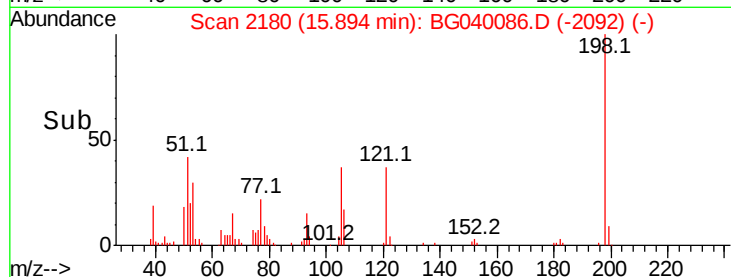
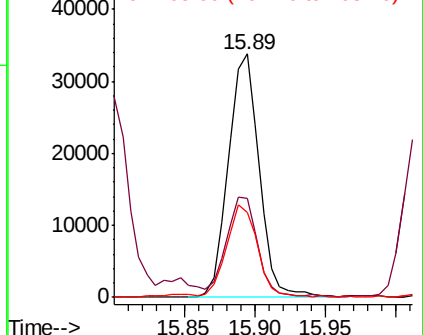
105 34.9 19.7 59.7



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: 29.642 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

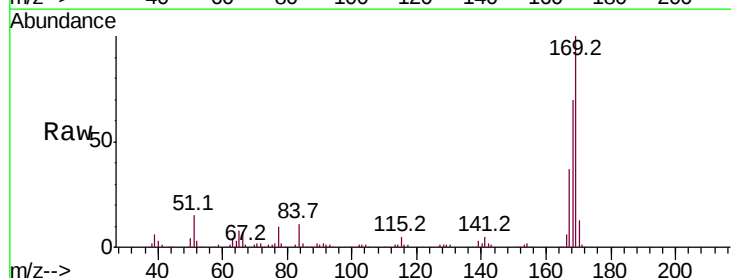
Tgt Ion:169 Resp: 248842

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

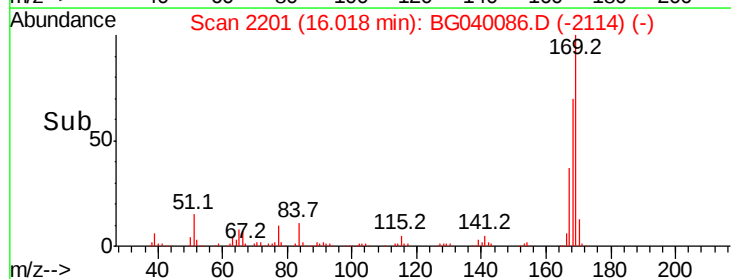
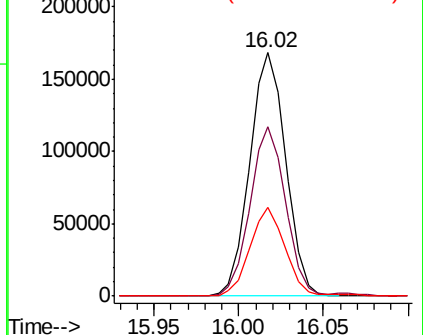
167 36.5 28.8 43.2

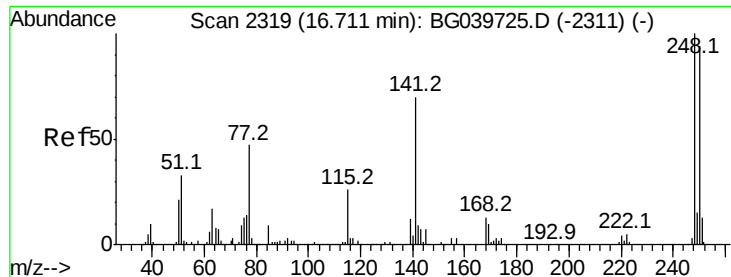


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

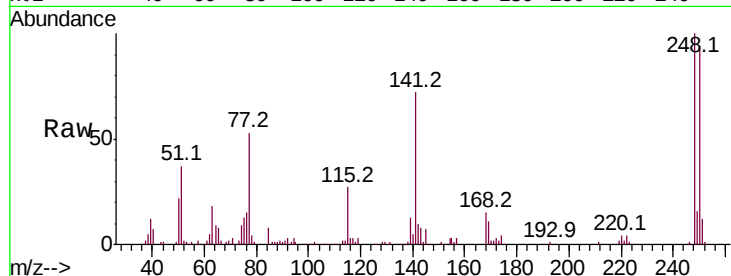




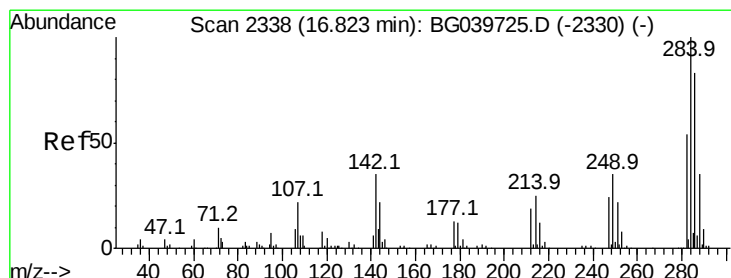
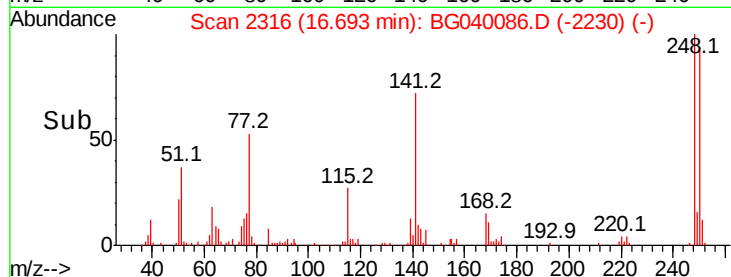
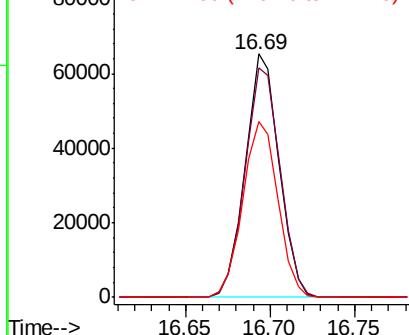
#67
 4-Bromophenyl-phenylether
 Concen: 28.099 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 91203
 Ion Ratio Lower Upper
 248 100
 250 94.4 77.6 116.4
 141 72.3 63.9 95.9

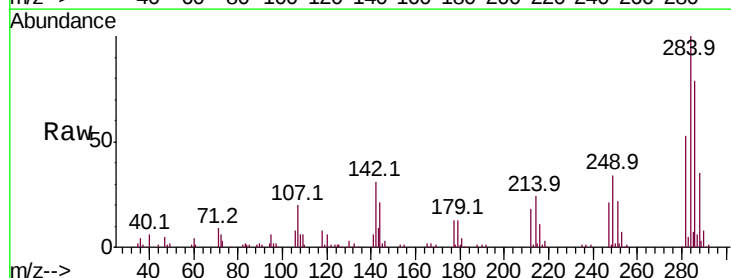


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

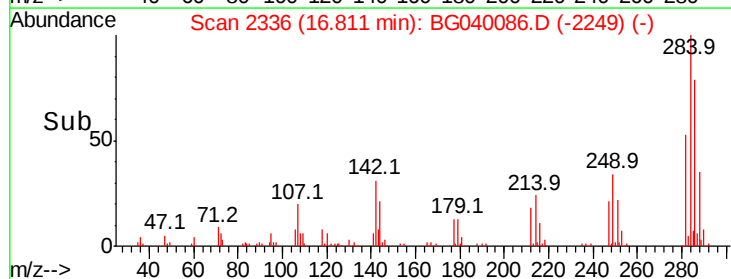
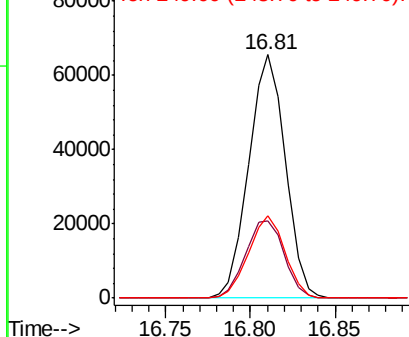


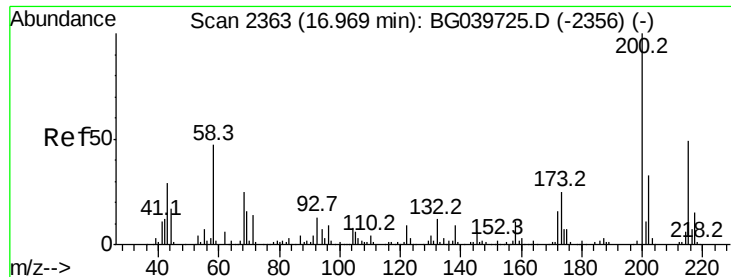
#68
 Hexachlorobenzene
 Concen: 29.327 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion:284 Resp: 98669
 Ion Ratio Lower Upper
 284 100
 142 31.5 30.6 45.8
 249 33.8 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

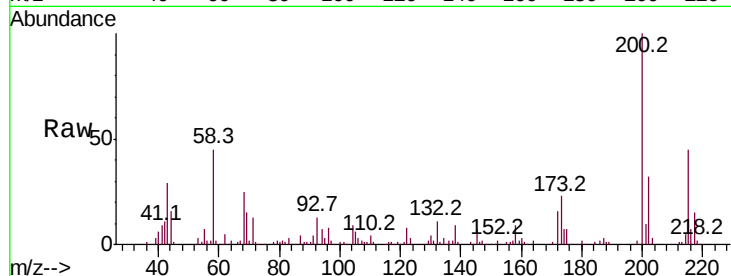




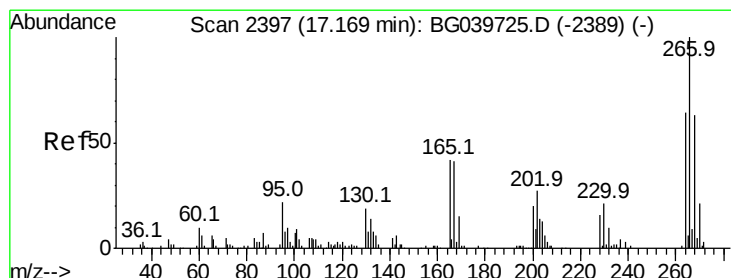
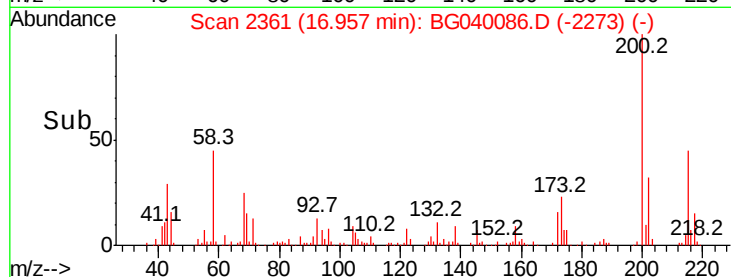
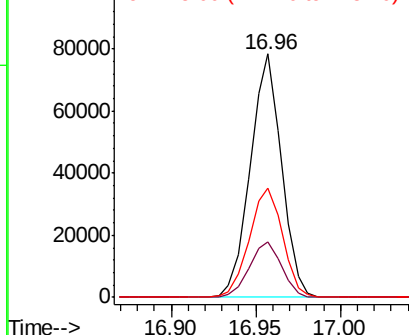
#69
 Atrazine
 Concen: 30.501 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	3.9	43.9
215	44.7	30.9	70.9

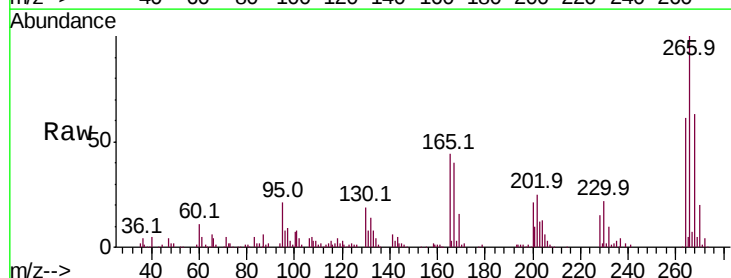


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

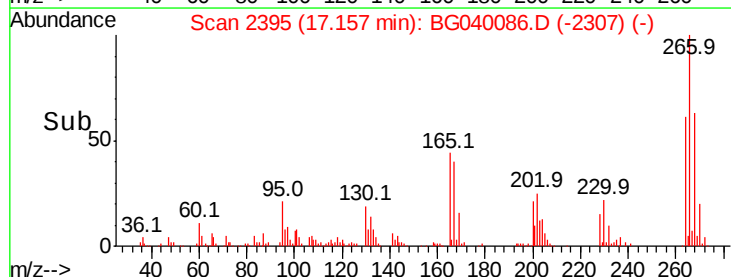
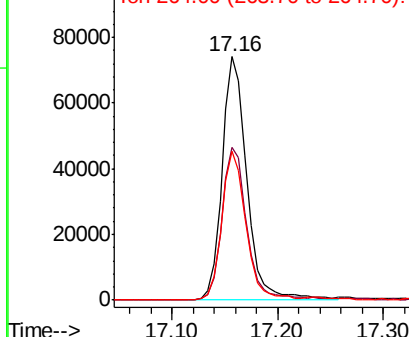


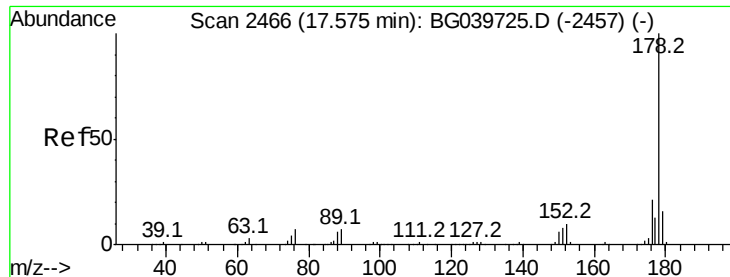
#70
 Pentachlorophenol
 Concen: 56.866 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.4	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

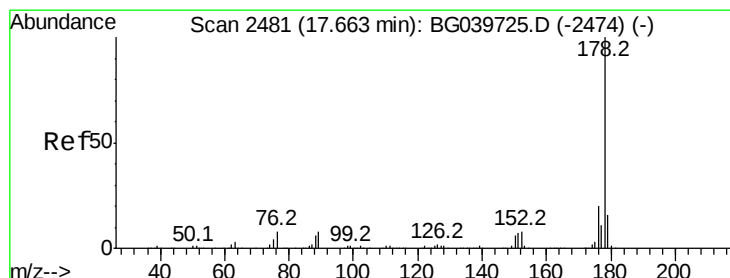
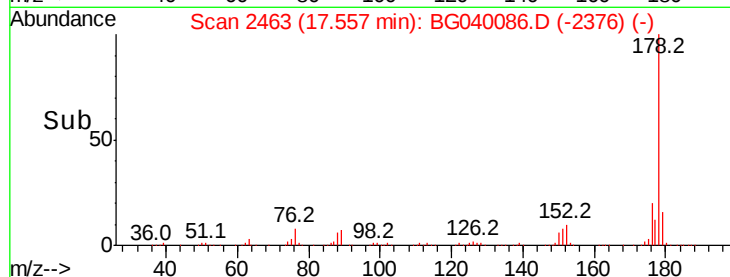
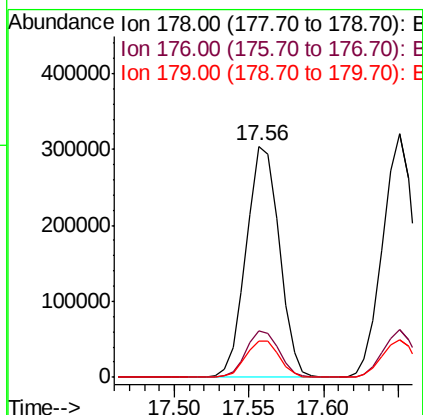
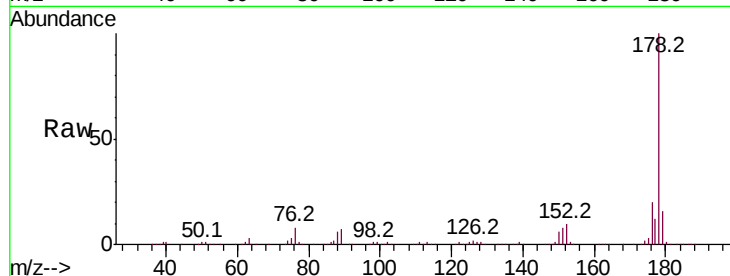




#71
Phenanthrene
Concen: 29.240 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

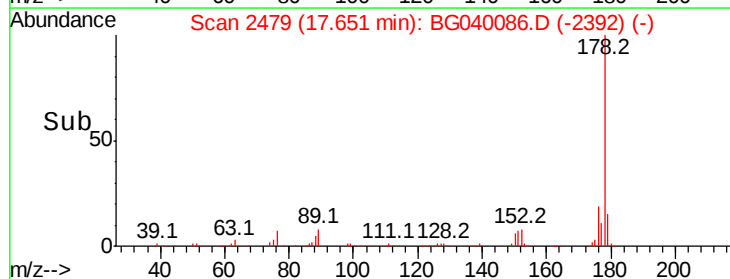
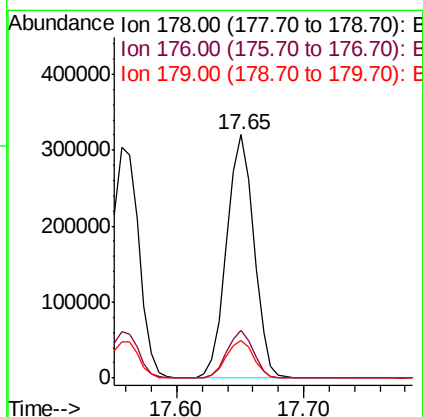
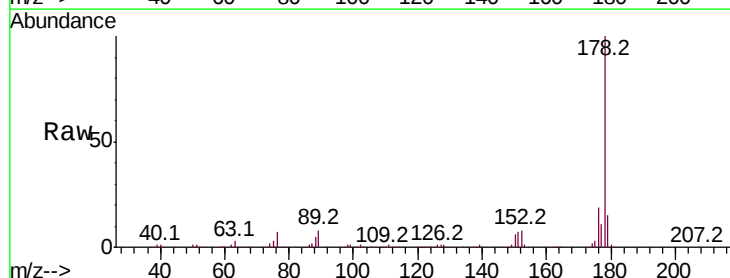
Instrument :
BNA_G
ClientSampleId :

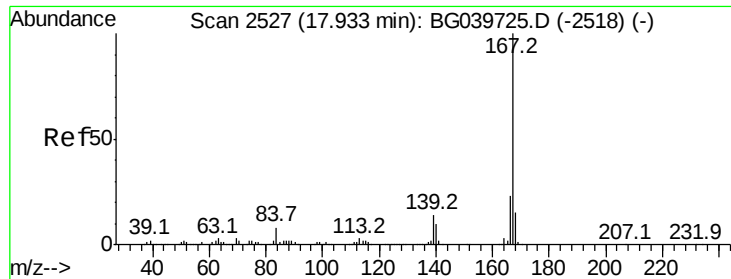
Tot Ion:178 Resp: 467017
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 30.551 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:178 Resp: 475506
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.2 12.5 18.7

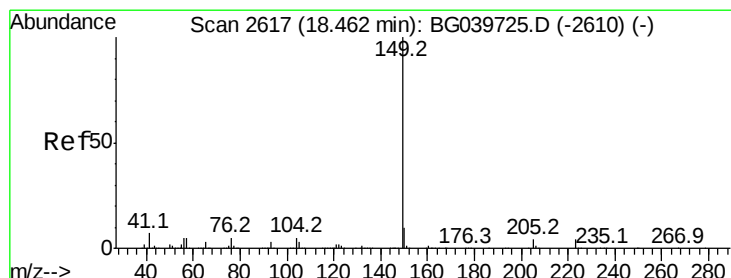
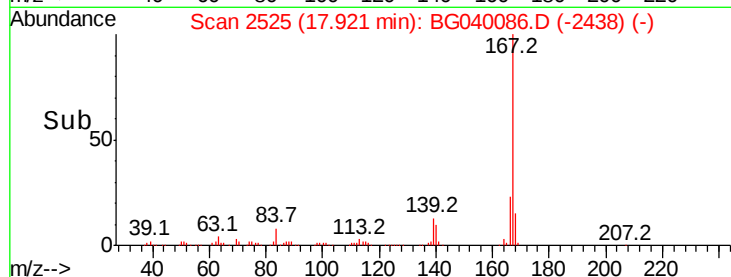
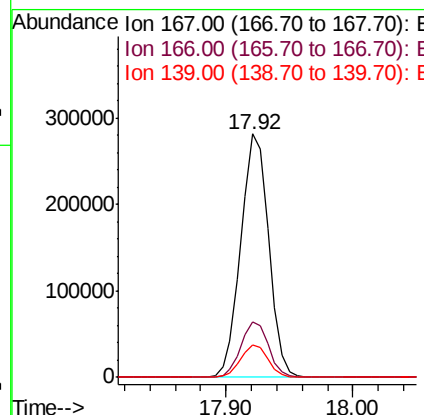
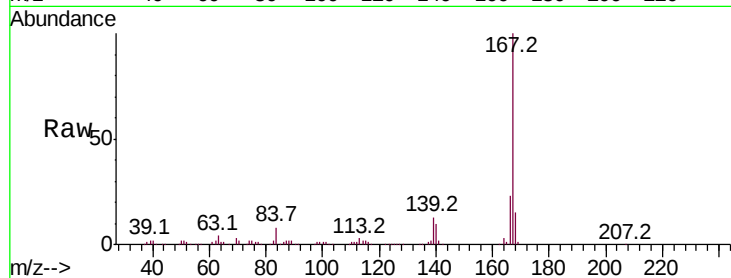




#73
 Carbazole
 Concen: 30.521 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

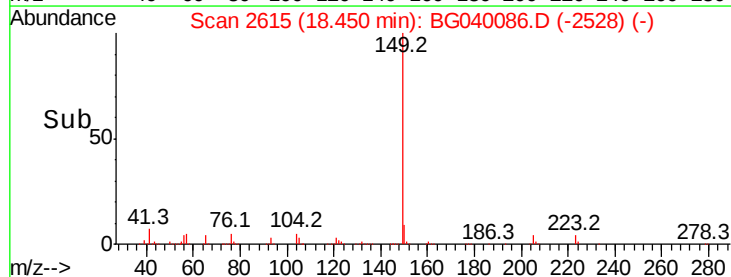
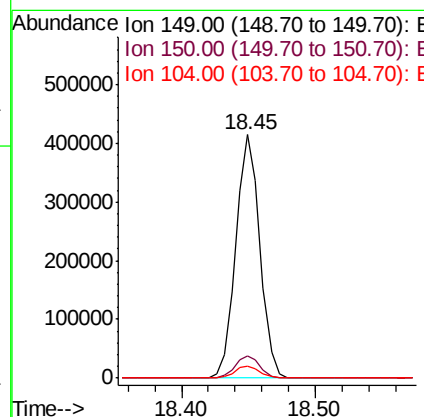
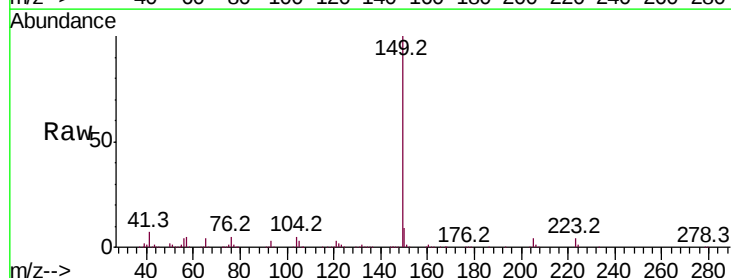
Instrument :
 BNA_G
 ClientSampleId :

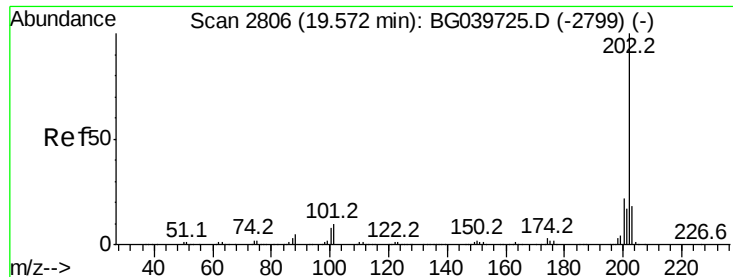
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.4	29.2
139	13.1	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 31.470 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040086.D
 Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.0	4.5	6.7





#75

Fluoranthene

Concen: 31.435 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

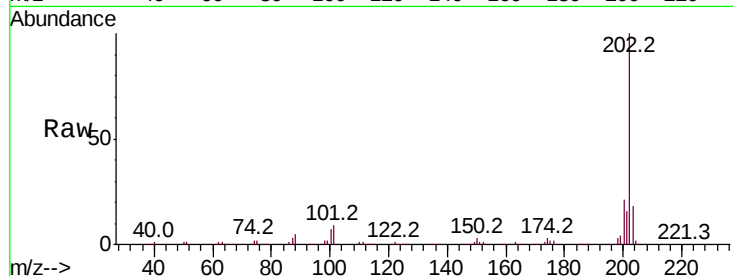
Tot Ion:202 Resp: 593369

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

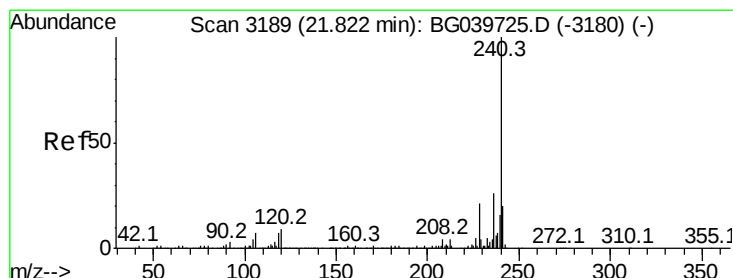
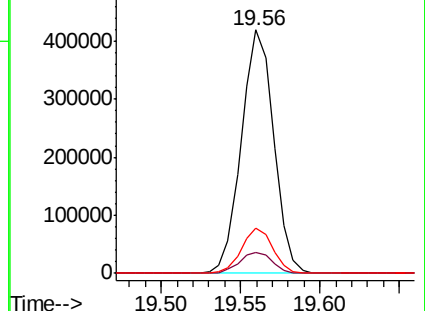
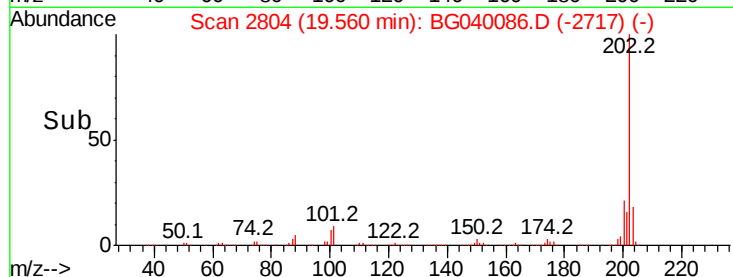
203 18.5 0.0 38.9



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: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

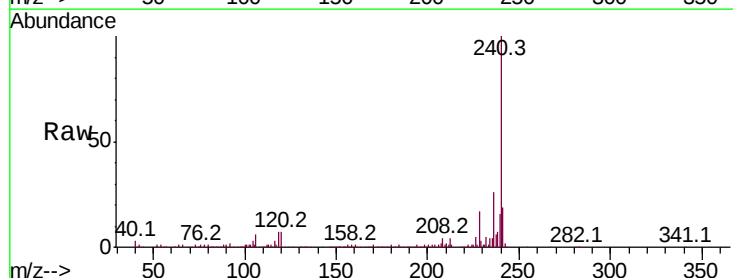
Tgt Ion:240 Resp: 317005

Ion Ratio Lower Upper

240 100

120 7.2 7.0 10.6

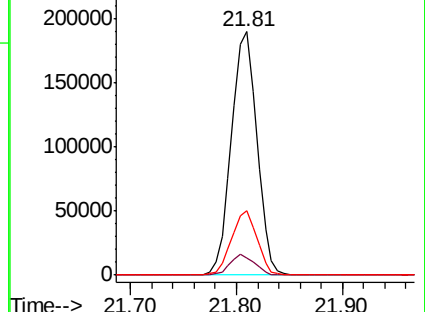
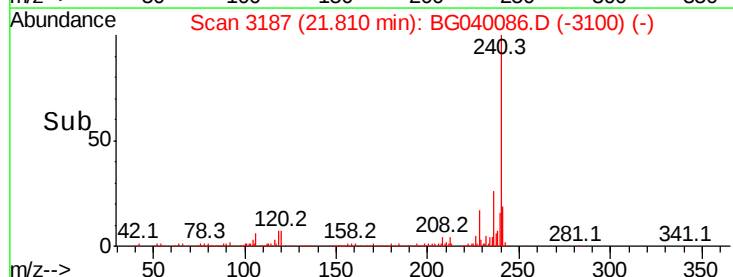
236 26.3 21.0 31.4

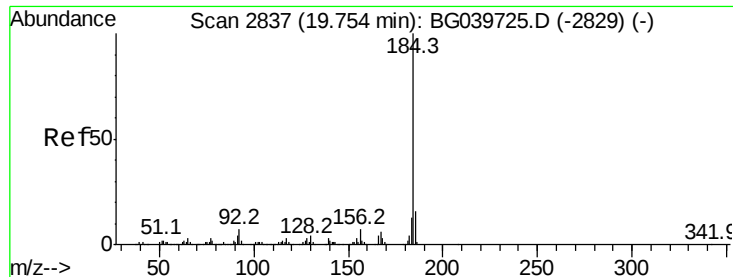


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.489 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

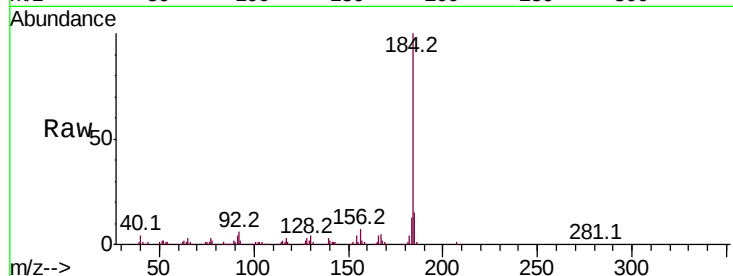
Tot Ion:184 Resp: 145752

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

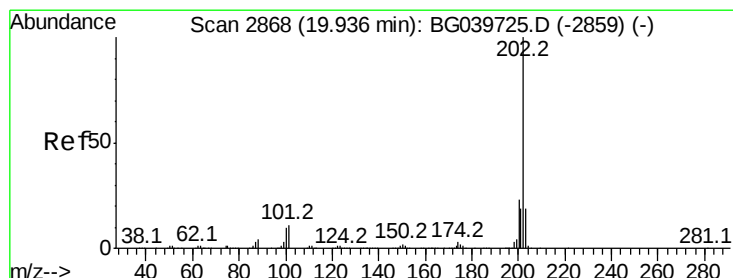
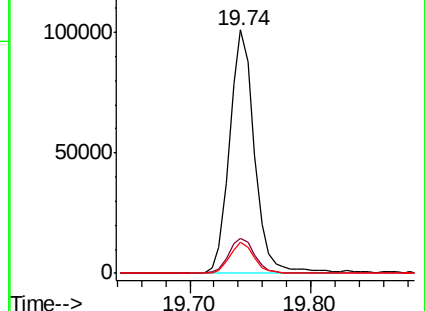
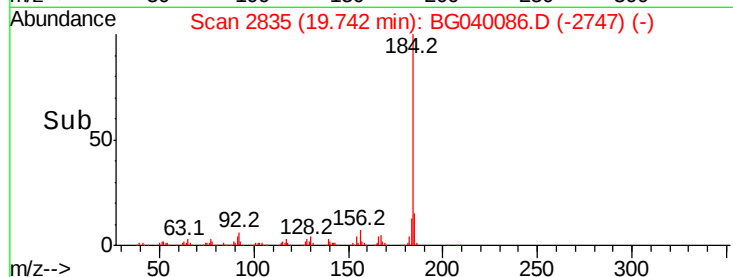
183 13.0 10.6 15.8



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: 28.983 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

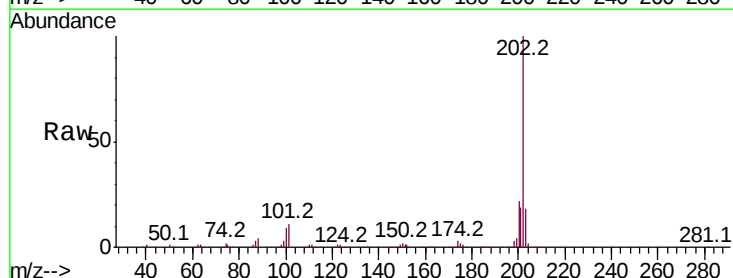
Tgt Ion:202 Resp: 597032

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

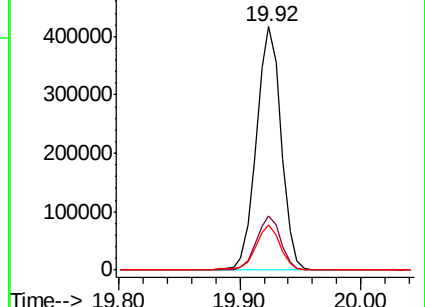
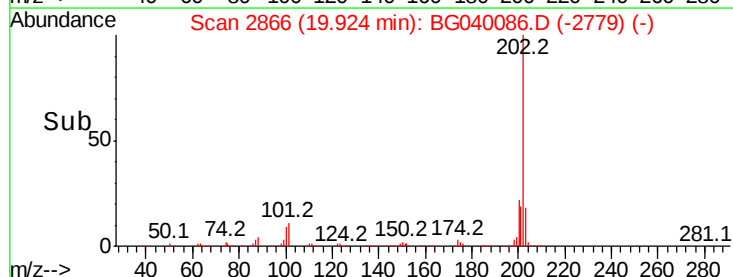
203 18.3 15.3 22.9

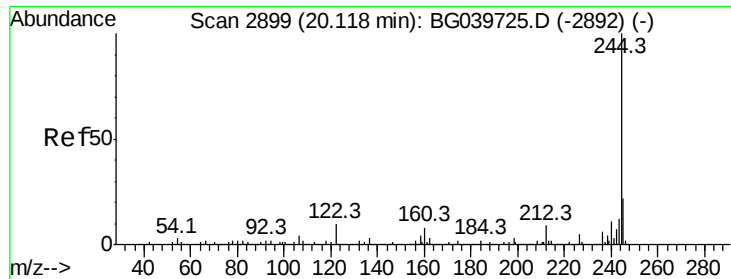


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.280 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

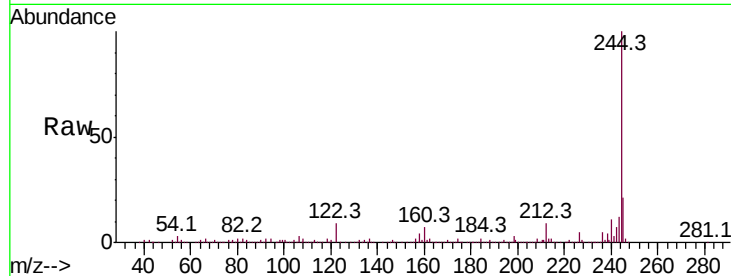
Tot Ion:244 Resp: 767098

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

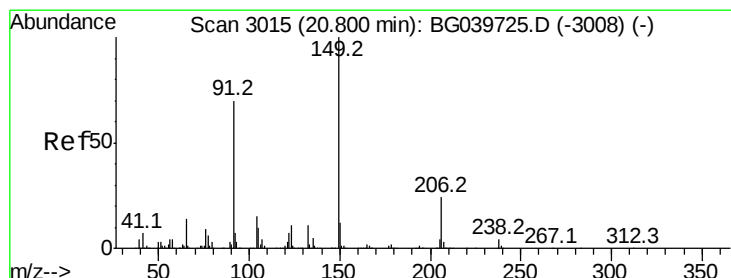
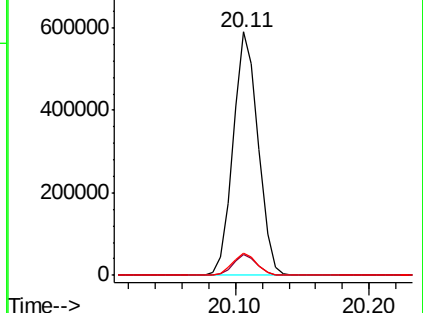
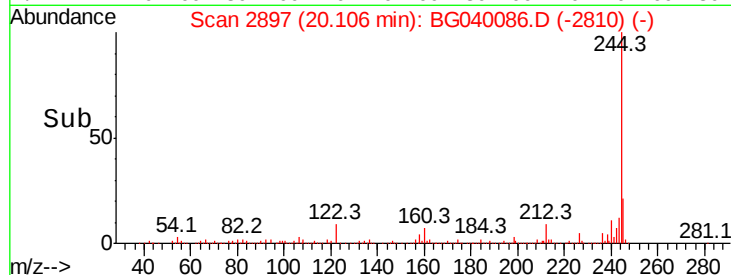
122 9.3 8.4 12.6



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: 30.774 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

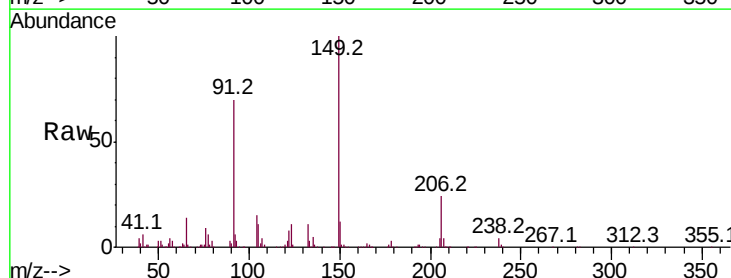
Tgt Ion:149 Resp: 245597

Ion Ratio Lower Upper

149 100

91 69.8 59.5 89.3

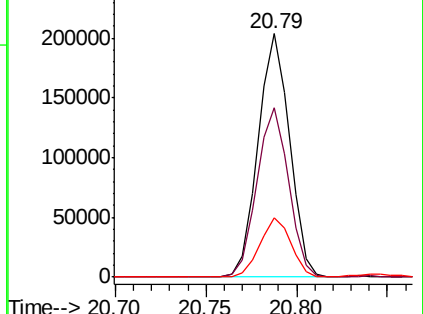
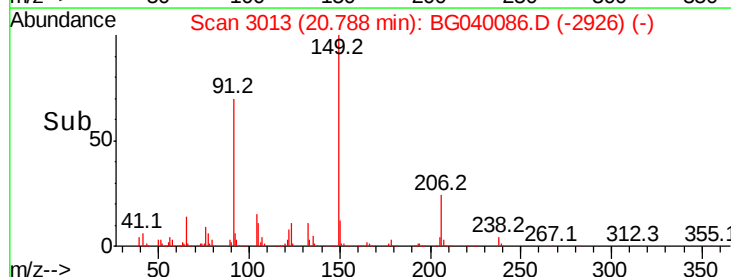
206 24.4 18.6 27.8

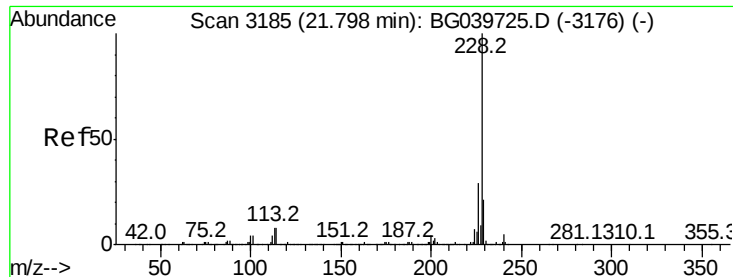


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.903 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

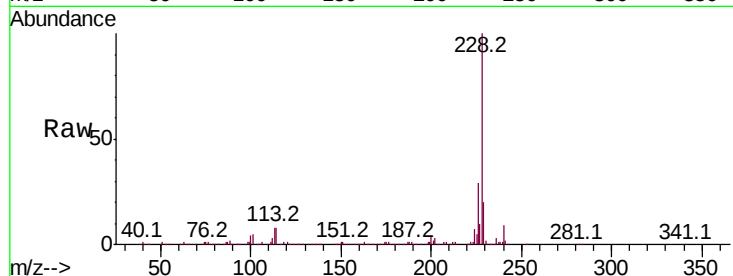
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 574227

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	20.4	16.9	25.3

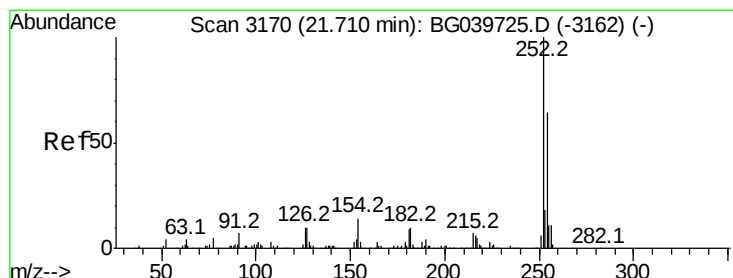
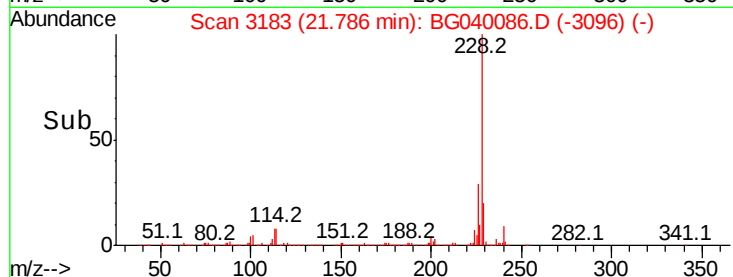
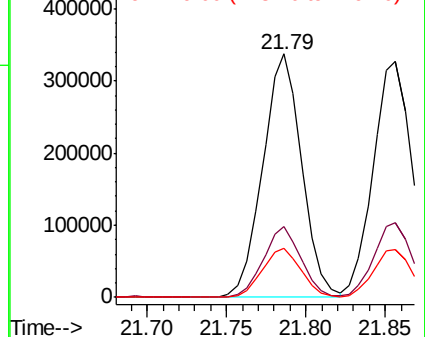


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.440 ng

RT: 21.70 min Scan# 3168

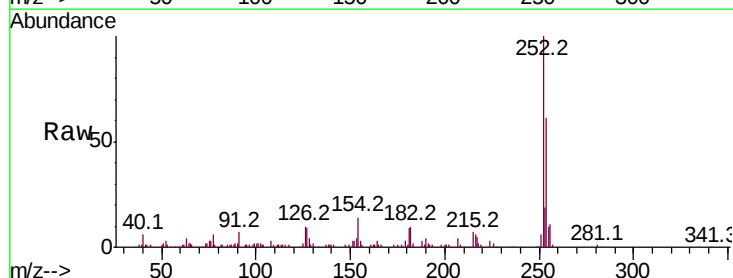
Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Tgt Ion:252 Resp: 111994

Ion	Ratio	Lower	Upper
252	100		
254	61.3	51.3	76.9
126	9.7	8.0	12.0

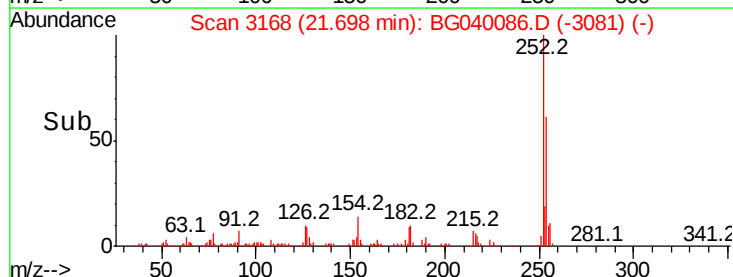
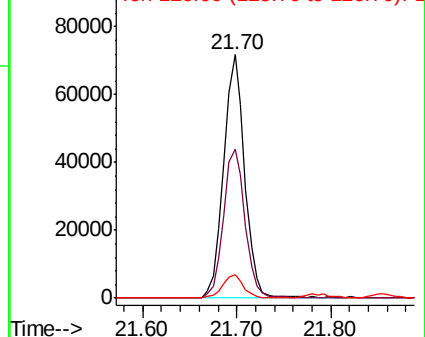


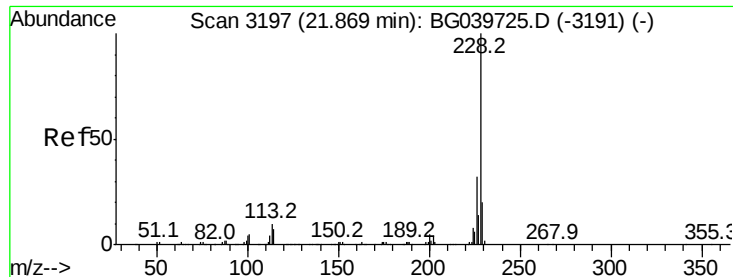
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 28.854 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

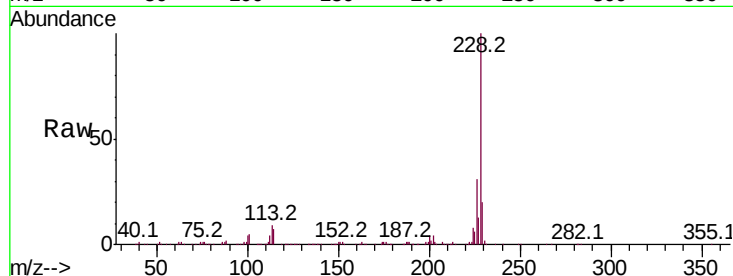
Tot Ion:228 Resp: 555752

Ion Ratio Lower Upper

228 100

226 31.4 25.8 38.6

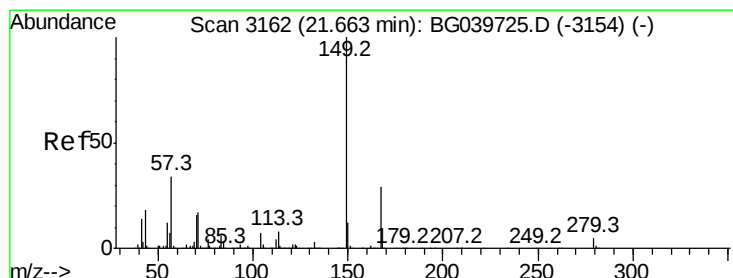
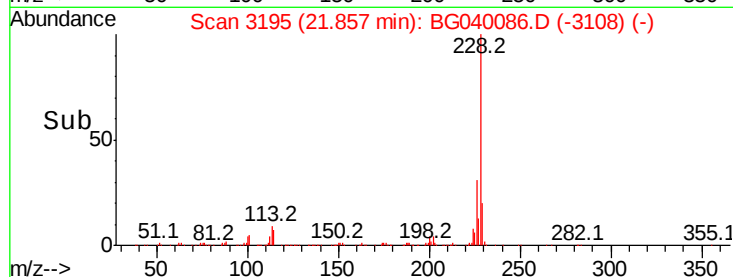
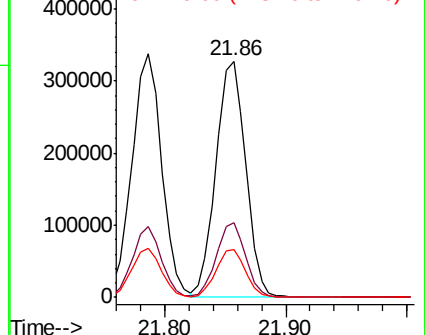
229 20.3 16.6 25.0



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: 30.937 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

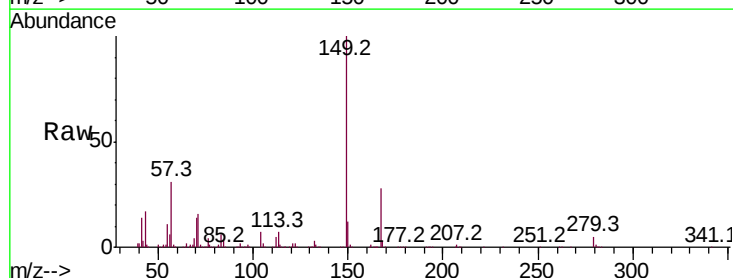
Tgt Ion:149 Resp: 346949

Ion Ratio Lower Upper

149 100

167 27.9 22.6 34.0

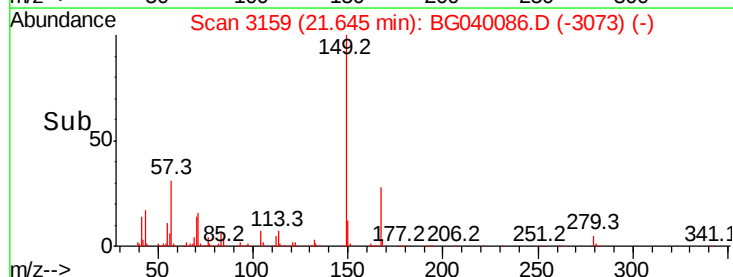
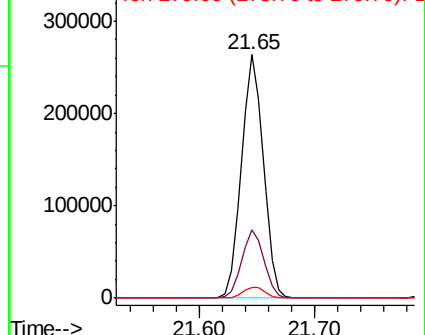
279 4.6 3.5 5.3

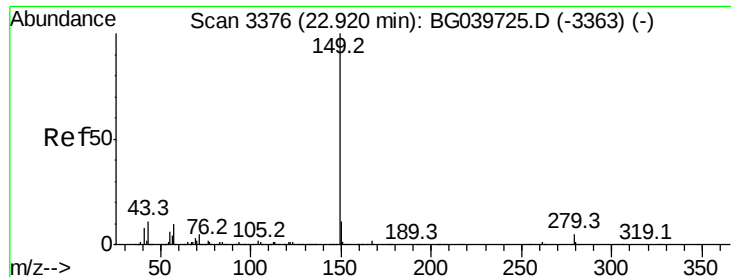


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

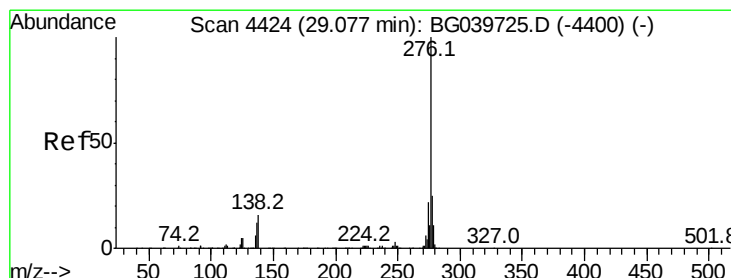
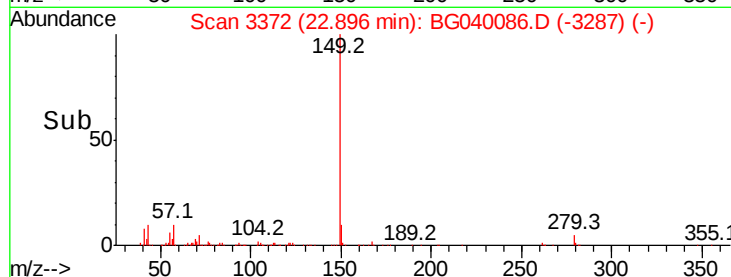
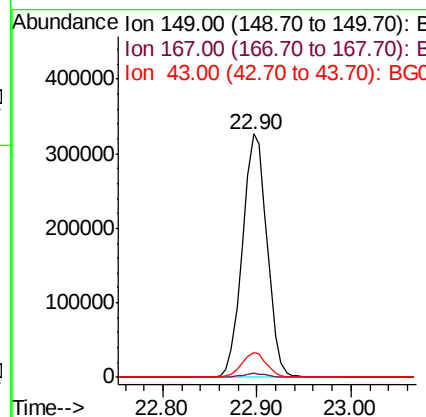
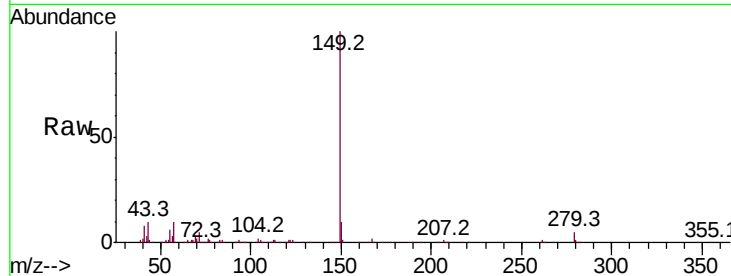




#85
Di-n-octyl phthalate
Concen: 31.763 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

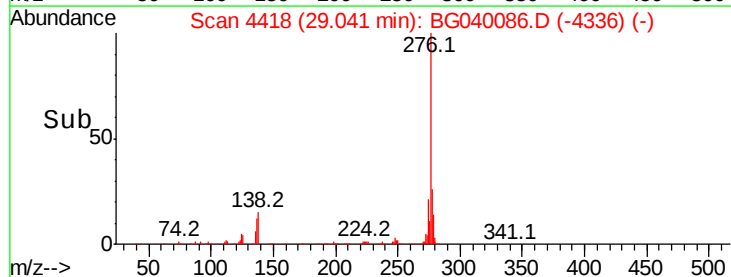
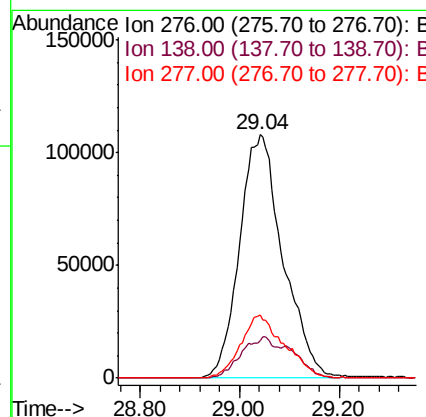
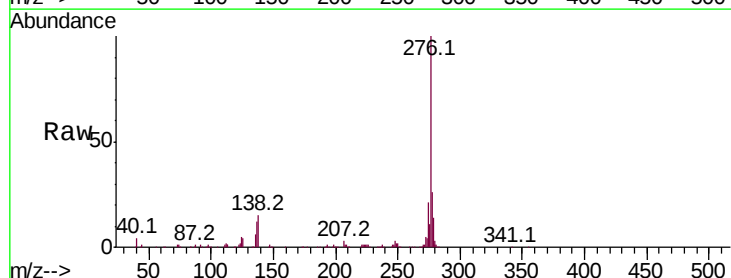
Instrument :
BNA_G
ClientSampleId :

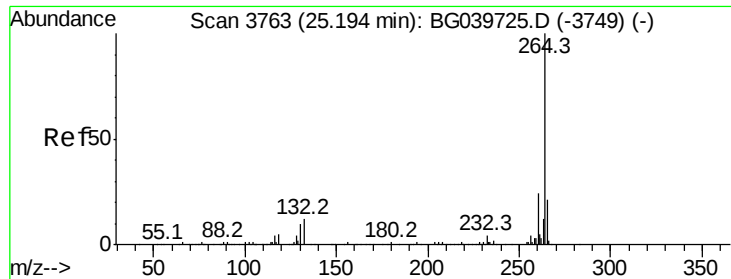
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.4	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 29.853 ng
RT: 29.04 min Scan# 4418
Delta R.T. -0.05 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.6	19.0
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

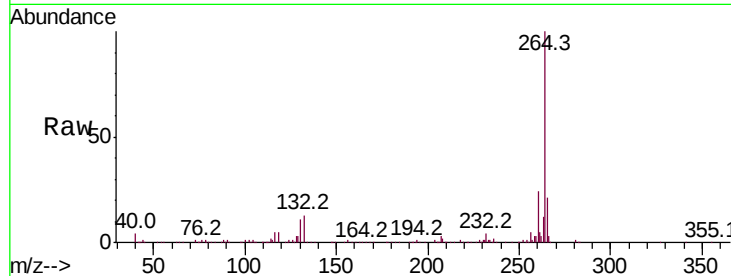
Tot Ion:264 Resp: 333554

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

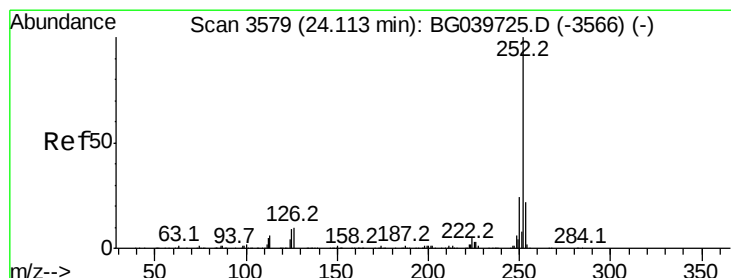
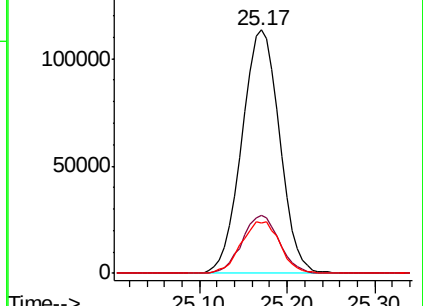
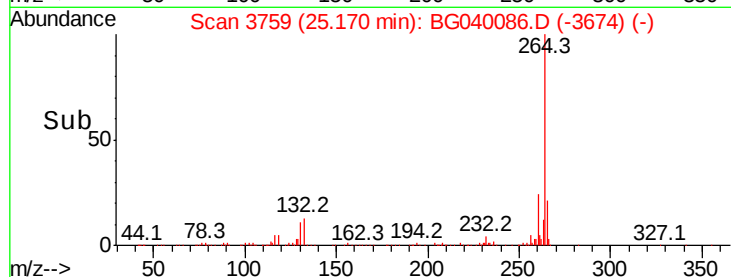
265 20.7 18.5 27.7



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: 28.836 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040086.D

Acq: 22 Mar 2019 16:54

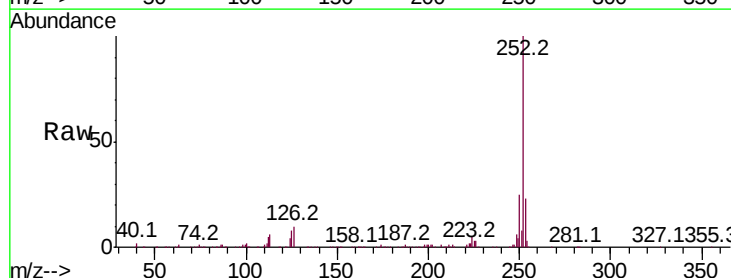
Tgt Ion:252 Resp: 573557

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

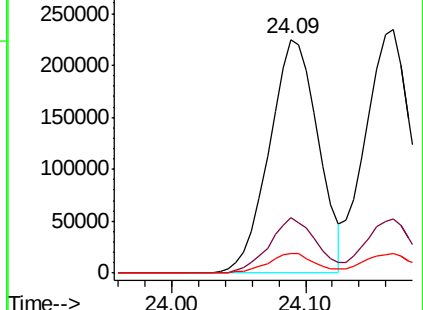
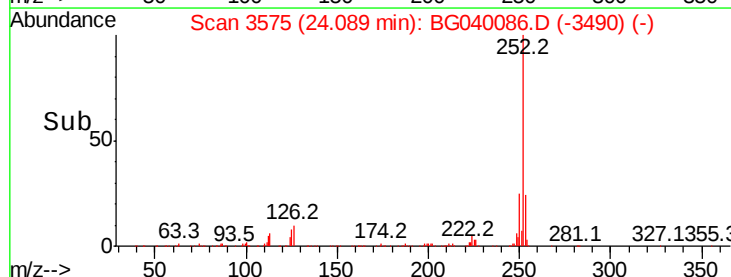
125 8.4 7.8 11.6

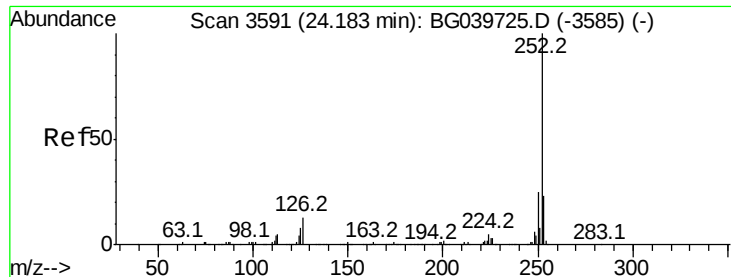


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

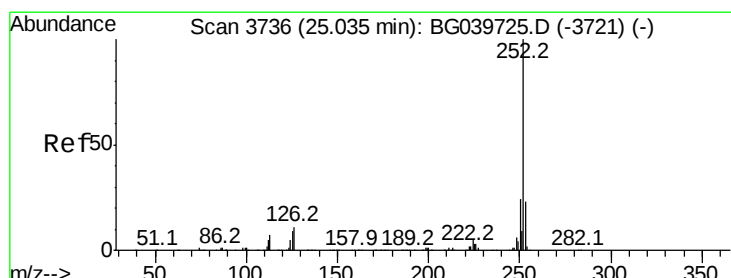
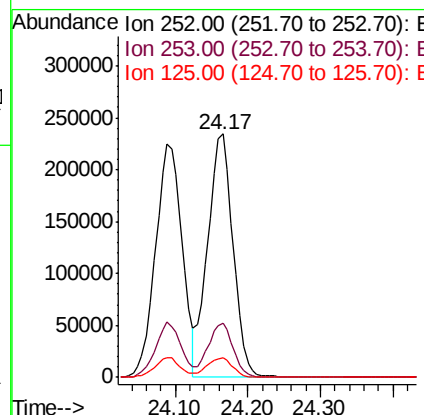
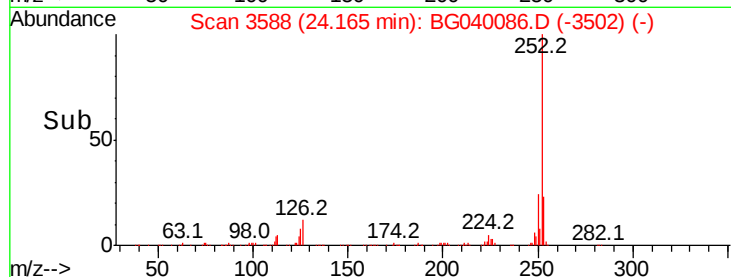
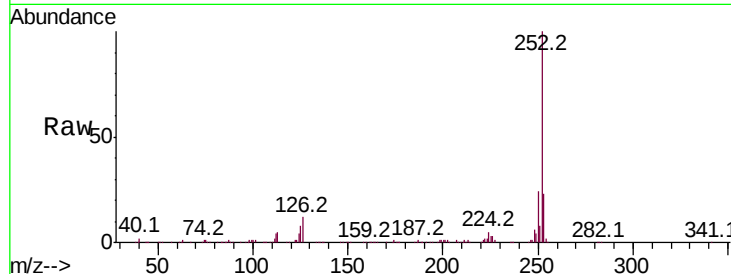




#89
Benzo(k)fluoranthene
Concen: 30.712 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

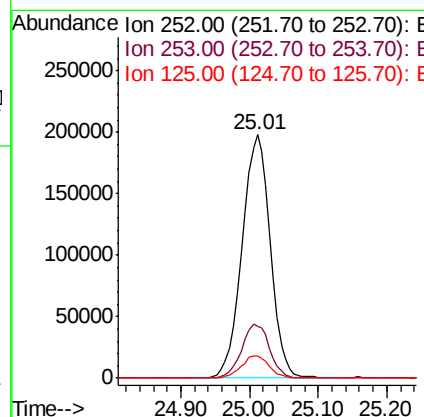
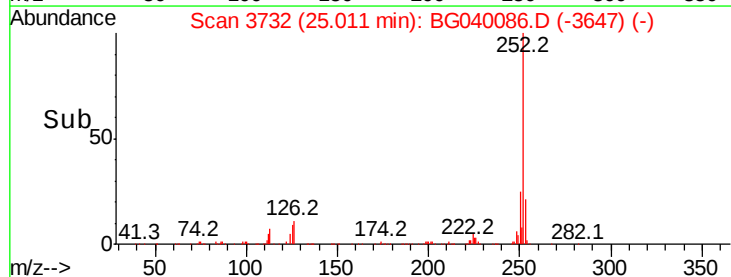
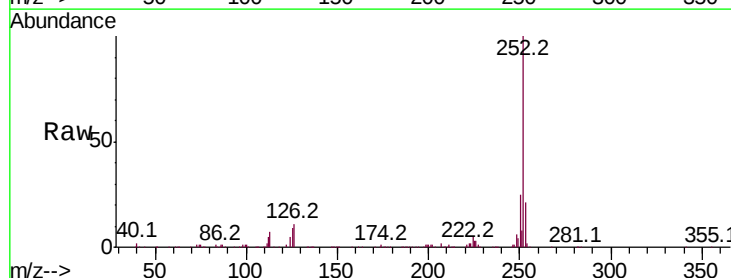
Instrument :
BNA_G
ClientSampleId :

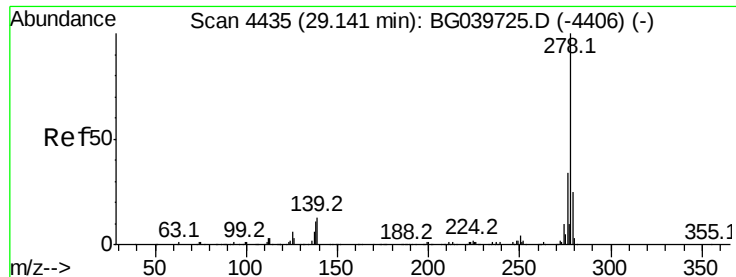
Tot Ion:252 Resp: 568642
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 7.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 30.700 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion:252 Resp: 564258
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 8.9 8.3 12.5

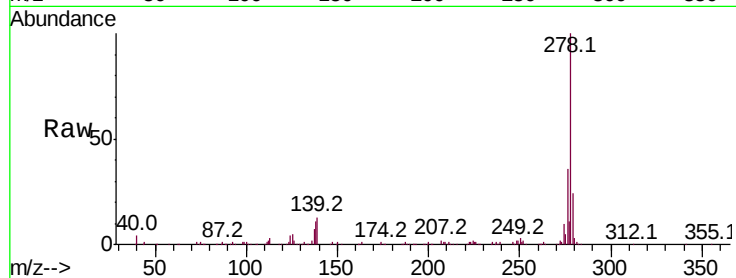




#91
Dibenzo(a,h)anthracene
Concen: 29.598 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	23.7	19.1	28.7

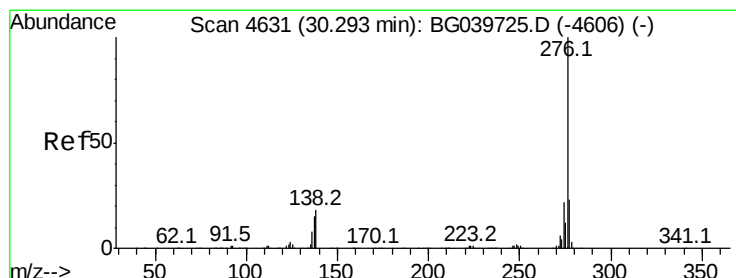
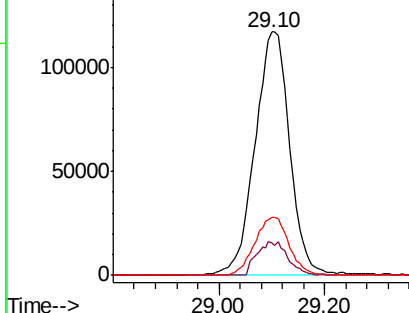
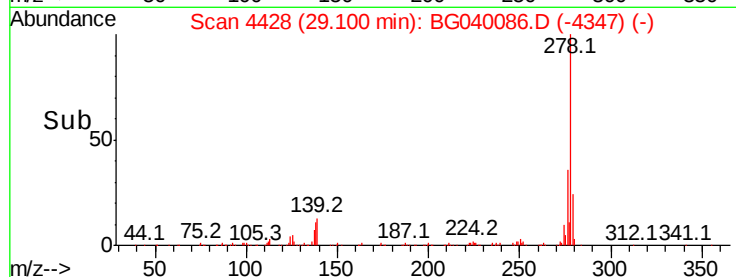


Abundance

Ion 278.00 (277.70 to 278.70): E

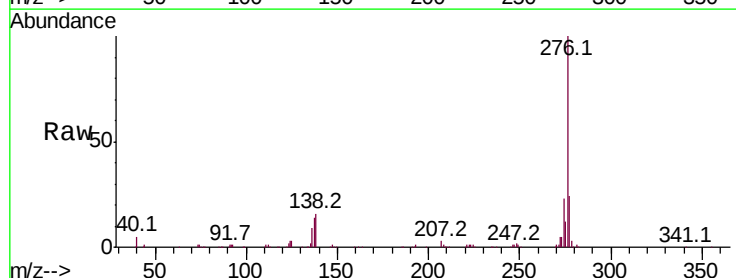
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 29.923 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040086.D
Acq: 22 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	15.9	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

