

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039871.D
 Acq On : 12 Mar 2019 12:57
 Operator : JU/SJ
 Sample : PB117825BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117825BS

Quant Time: Mar 13 05:47:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37834	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	162841	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	115229	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	289440	20.00	ng	0.00
76) Chrysene-d12	21.81	240	302589	20.00	ng	0.00
87) Perylene-d12	25.18	264	286200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	317675	143.25	ng	0.00
7) Phenol-d6	7.30	99	451066	136.41	ng	0.00
23) Nitrobenzene-d5	9.33	82	234458	77.87	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	185454	138.08	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	585984	72.41	ng	0.00
79) Terphenyl-d14	20.12	244	1032597	75.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39733	38.808	ng	97
3) Pyridine	3.99	79	96142	35.075	ng	96
4) n-Nitrosodimethylamine	3.91	42	51123	39.316	ng	84
6) Aniline	7.48	93	116836	26.969	ng	99
8) 2-Chlorophenol	7.72	128	111641	41.495	ng	98
9) Benzaldehyde	7.29	77	58545	27.447	ng	91
10) Phenol	7.33	94	151703	42.349	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	104340	37.358	ng	98
12) 1,3-Dichlorobenzene	8.04	146	114014	37.469	ng	98
13) 1,4-Dichlorobenzene	8.19	146	117448	37.893	ng	99
14) 1,2-Dichlorobenzene	8.51	146	113034	37.746	ng	99
15) Benzyl Alcohol	8.39	79	104514	39.844	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	202485	36.249	ng	99
17) 2-Methylphenol	8.59	107	97075	42.499	ng	96
18) Hexachloroethane	9.24	117	42430	38.152	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	84522	35.512	ng	94
20) 3+4-Methylphenols	8.91	107	133929	42.206	ng	98
22) Acetophenone	8.99	105	161810	37.022	ng	# 94
24) Nitrobenzene	9.37	77	128335	40.630	ng	97
25) Isophorone	9.88	82	242104	38.376	ng	98
26) 2-Nitrophenol	10.08	139	63757	41.806	ng	97
27) 2,4-Dimethylphenol	10.12	122	117043	49.346	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	148480	38.729	ng	98
29) 2,4-Dichlorophenol	10.61	162	123361	46.195	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	120277	40.026	ng	99
31) Naphthalene	11.03	128	342849	39.766	ng	99
32) Benzoic acid	10.26	122	63126	40.032	ng	94
33) 4-Chloroaniline	11.14	127	91270	24.965	ng	93
34) Hexachlorobutadiene	11.29	225	77892	37.933	ng	98
35) Caprolactam	11.92	113	31838	31.211	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	132172	43.176	ng	98
37) 2-Methylnaphthalene	12.62	142	261521	40.572	ng	99
38) 1-Methylnaphthalene	12.84	142	249453	39.822	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	146746	37.592	ng	98

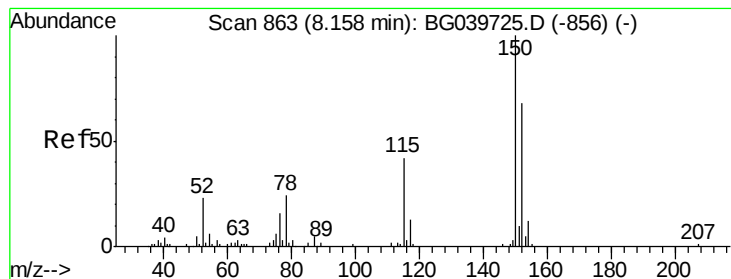
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039871.D
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 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	175504	83.893	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	104247	45.614	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	111673	43.350	ng	99
46) 1,1'-Biphenyl	13.61	154	360015	37.987	ng	99
47) 2-Chloronaphthalene	13.66	162	277029	38.855	ng	99
48) 2-Nitroaniline	13.87	65	97590	42.592	ng	96
49) Acenaphthylene	14.51	152	448955	38.358	ng	99
50) Dimethylphthalate	14.23	163	378202	39.252	ng	99
51) 2,6-Dinitrotoluene	14.36	165	84822	41.526	ng	95
52) Acenaphthene	14.84	154	274809	39.010	ng	99
53) 3-Nitroaniline	14.70	138	60328	29.381	ng	# 87
54) 2,4-Dinitrophenol	14.89	184	86983	68.344	ng	100
55) Dibenzofuran	15.18	168	456677	39.512	ng	99
56) 4-Nitrophenol	14.99	139	149425	81.350	ng	91
57) 2,4-Dinitrotoluene	15.14	165	123405	42.996	ng	87
58) Fluorene	15.82	166	365605	40.238	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	115826	46.038	ng	96
60) Diethylphthalate	15.58	149	384105	40.270	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	190664	39.324	ng	94
62) 4-Nitroaniline	15.86	138	92216	41.427	ng	91
63) Azobenzene	16.10	77	349241	40.392	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	68262	39.887	ng	95
66) n-Nitrosodiphenylamine	16.03	169	336810	40.195	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	126583	39.071	ng	96
68) Hexachlorobenzene	16.82	284	131643	39.200	ng	96
69) Atrazine	16.96	200	135920	41.215	ng	96
70) Pentachlorophenol	17.17	266	163003	76.855	ng	95
71) Phenanthrene	17.57	178	624912	39.197	ng	98
72) Anthracene	17.66	178	636645	40.979	ng	100
73) Carbazole	17.93	167	568354	40.580	ng	98
74) Di-n-butylphthalate	18.46	149	685659	41.608	ng	99
75) Fluoranthene	19.56	202	764673	40.585	ng	99
77) Benzidine	19.75	184	273307	28.463	ng	100
78) Pyrene	19.93	202	761264	38.717	ng	99
80) Butylbenzylphthalate	20.79	149	321852	42.250	ng	97
81) Benzo(a)anthracene	21.79	228	729339	38.459	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	188222	27.185	ng	98
83) Chrysene	21.86	228	709096	38.569	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	444677	41.540	ng	99
85) Di-n-octyl phthalate	22.91	149	761203	42.946	ng	95
86) Indeno(1,2,3-cd)pyrene	29.06	276	809149	38.795	ng	97
88) Benzo(b)fluoranthene	24.10	252	726262	42.554	ng	98
89) Benzo(k)fluoranthene	24.17	252	708230	44.581	ng	99
90) Benzo(a)pyrene	25.02	252	704391	44.665	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	644739	41.702	ng	98
92) Benzo(g,h,i)perylene	30.27	276	661108	42.576	ng	97

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

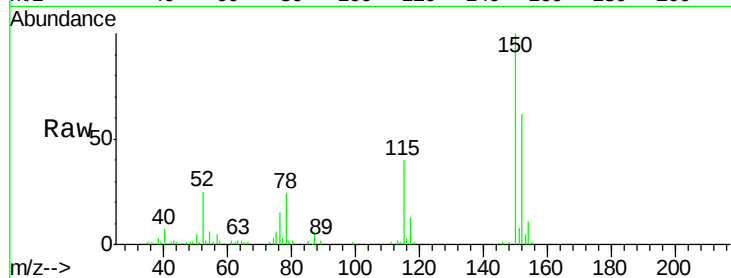


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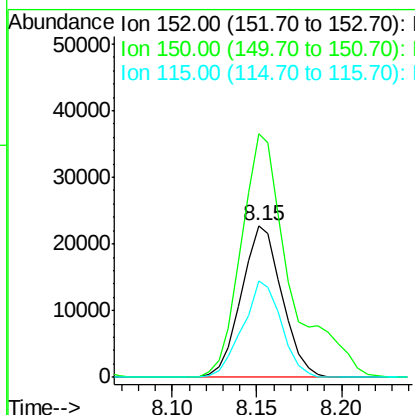
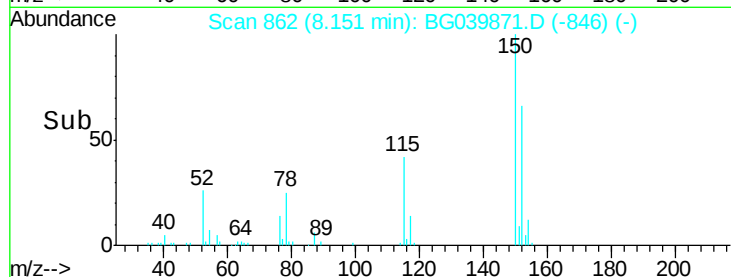
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:152 Resp: 37834
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 63.7 45.9 68.9



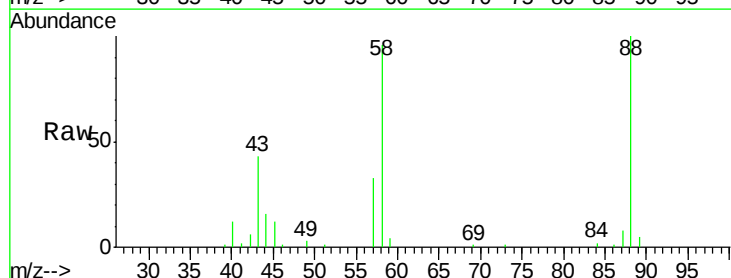
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



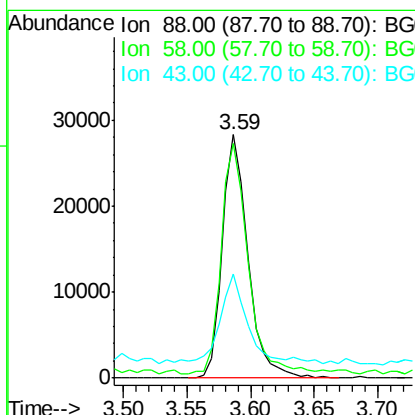
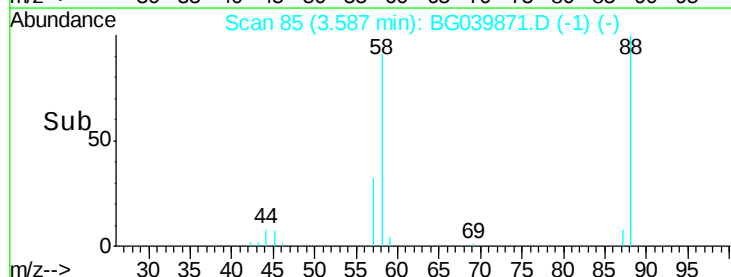
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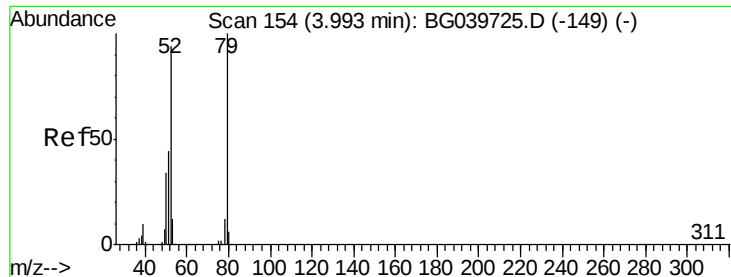
1,4-Dioxane
Concen: 38.808 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion: 88 Resp: 39733
Ion Ratio Lower Upper
88 100
58 97.2 81.1 121.7
43 39.0 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

Pyridine

Concen: 35.075 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.01 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

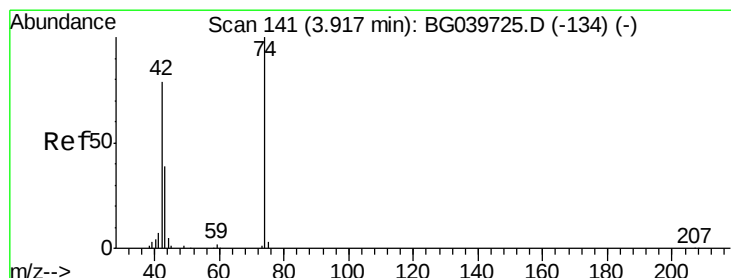
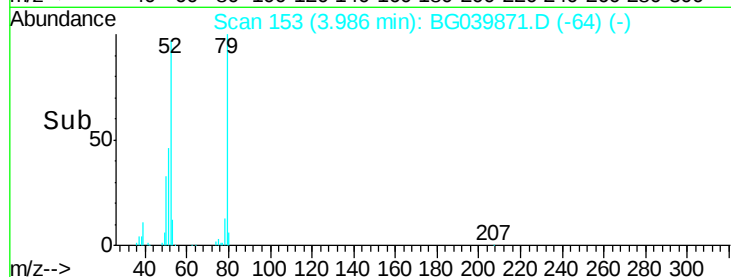
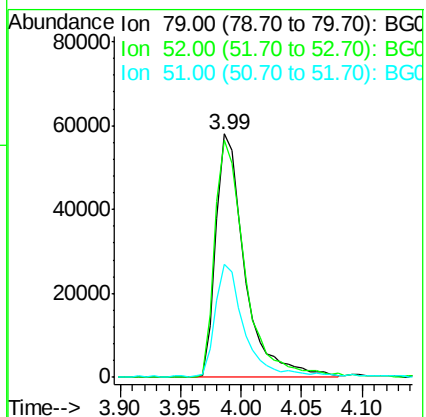
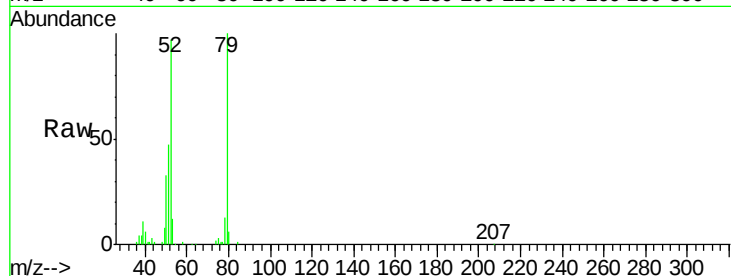
Tgt Ion: 79 Resp: 96142

Ion Ratio Lower Upper

79 100

52 97.5 82.6 124.0

51 46.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.316 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

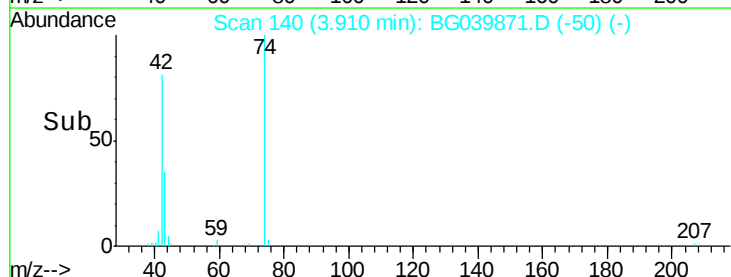
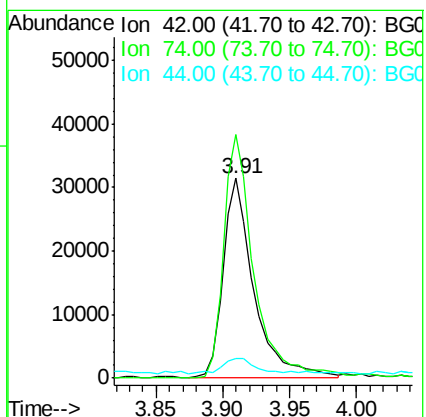
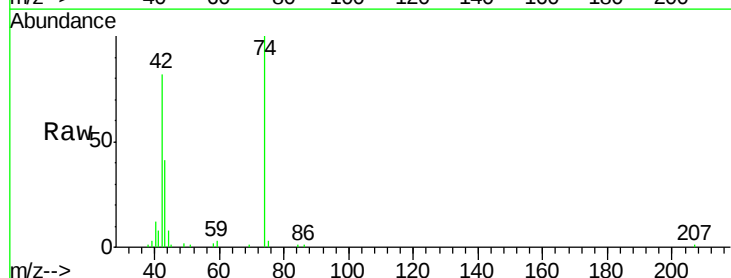
Tgt Ion: 42 Resp: 51123

Ion Ratio Lower Upper

42 100

74 122.0 83.6 125.4

44 9.6 6.9 10.3





#5

2-Fluorophenol

Concen: 143.246 ng

RT: 5.70 min Scan# 445

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

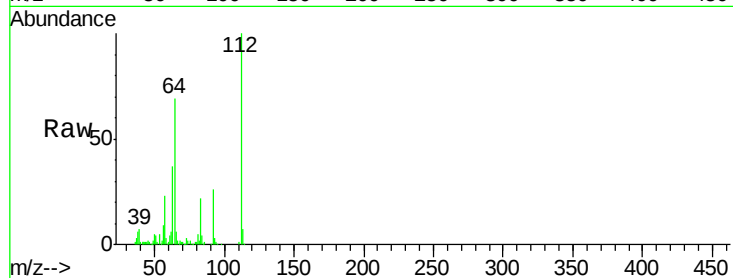
Tgt Ion:112 Resp: 317675

Ion Ratio Lower Upper

112 100

64 69.5 57.8 86.8

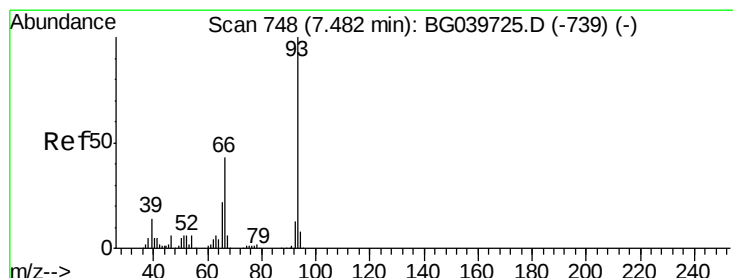
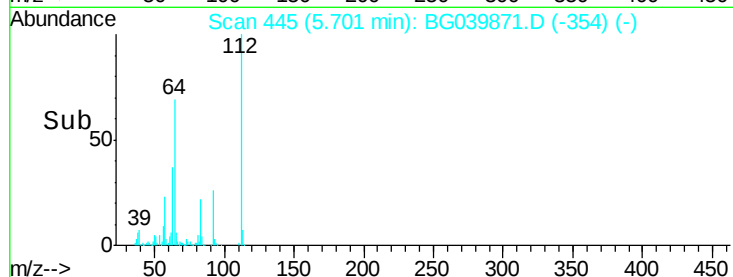
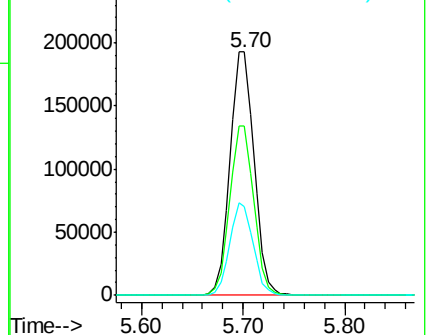
63 36.6 29.8 44.6



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: 26.969 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

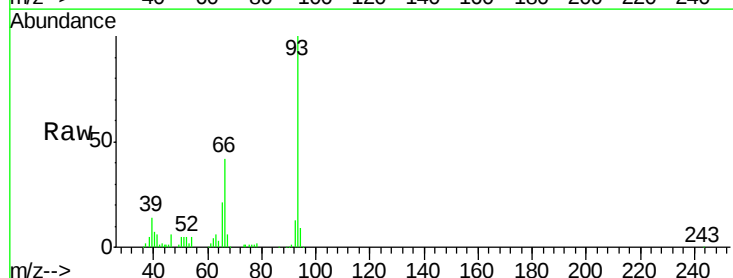
Tgt Ion: 93 Resp: 116836

Ion Ratio Lower Upper

93 100

66 42.4 34.2 51.4

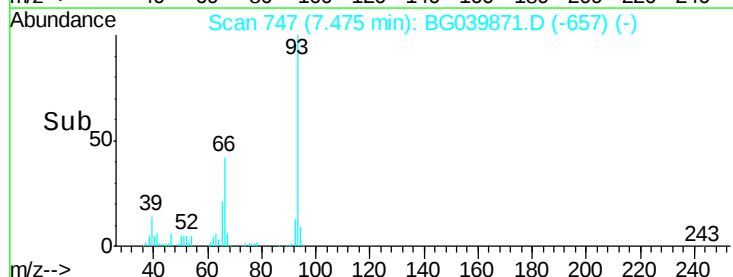
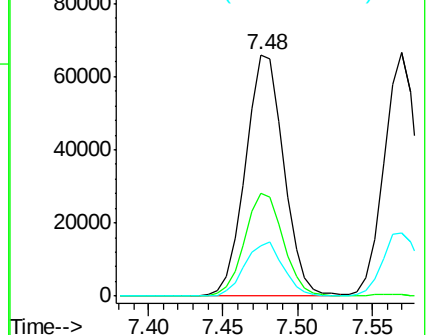
65 20.9 17.7 26.5

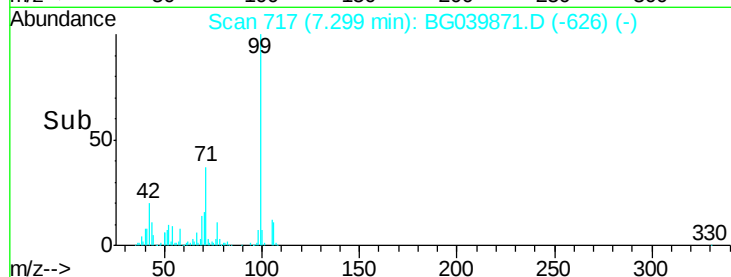
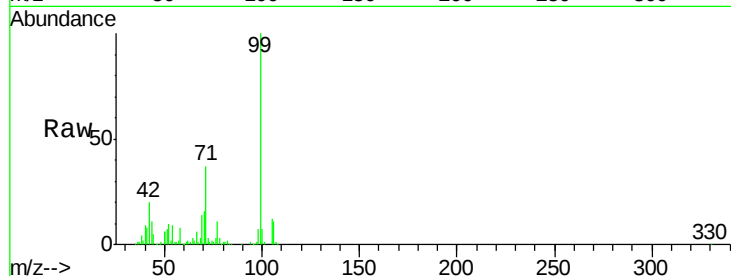
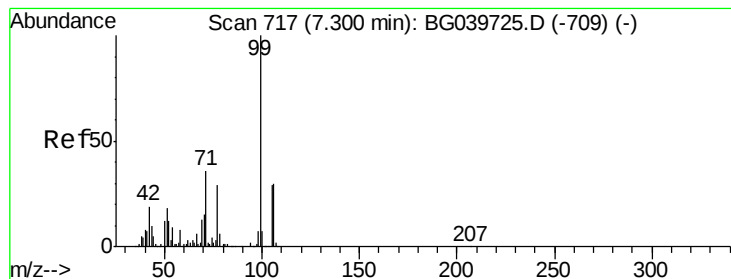


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.410 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

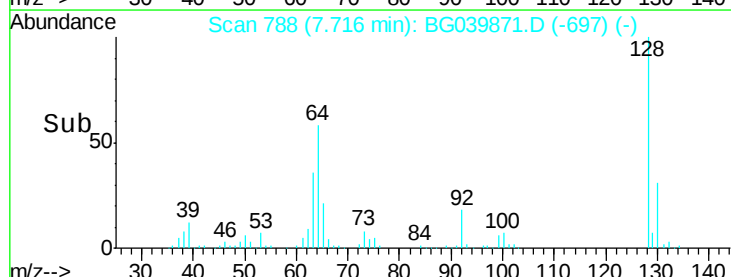
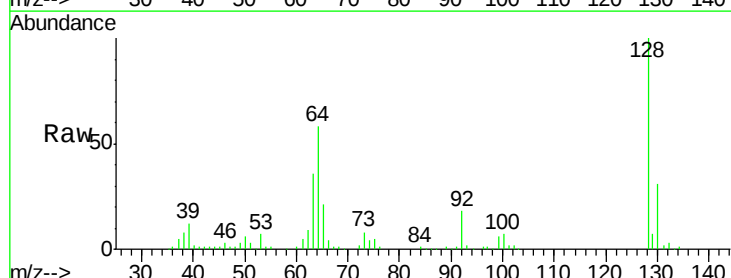
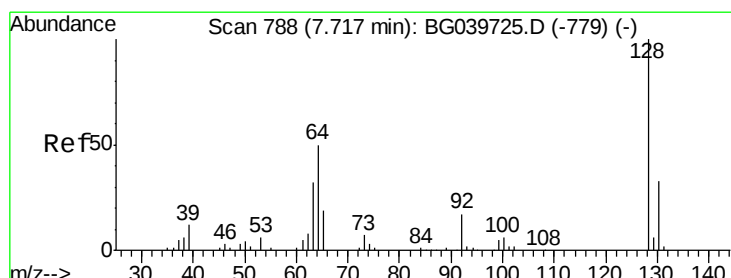
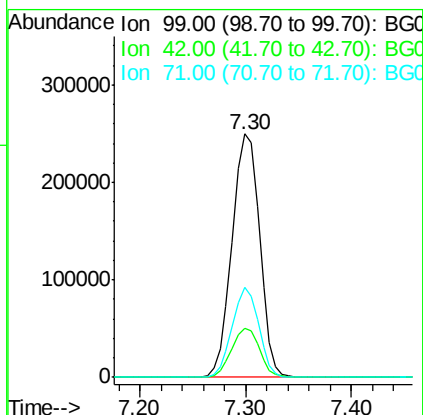
Tgt Ion: 99 Resp: 451066

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 37.1 28.0 42.0



#8

2-Chlorophenol

Concen: 41.495 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

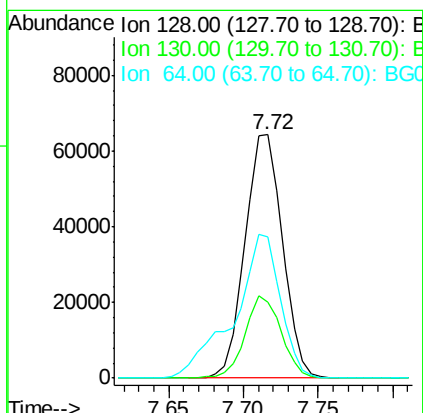
Tgt Ion: 128 Resp: 111641

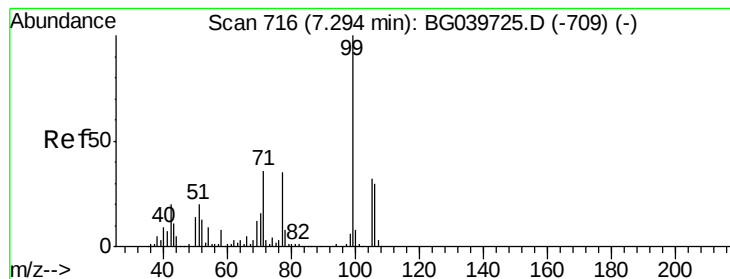
Ion Ratio Lower Upper

128 100

130 31.3 12.9 52.9

64 57.8 38.7 78.7





#9

Benzaldehyde

Concen: 27.447 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

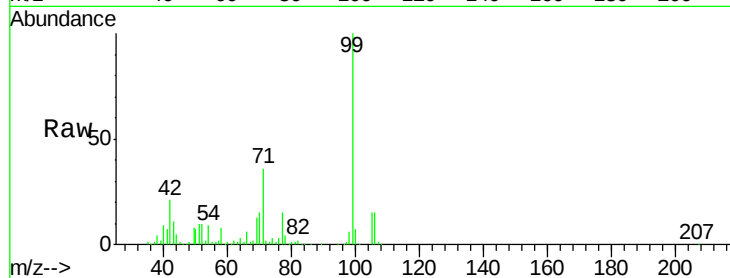
Tgt Ion: 77 Resp: 58545

Ion Ratio Lower Upper

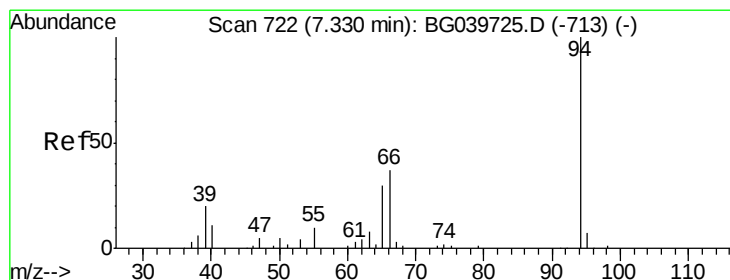
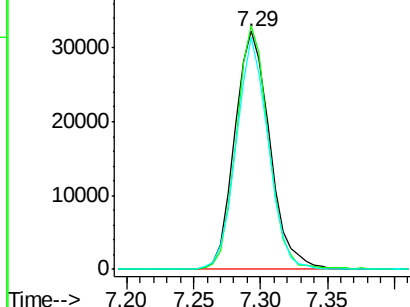
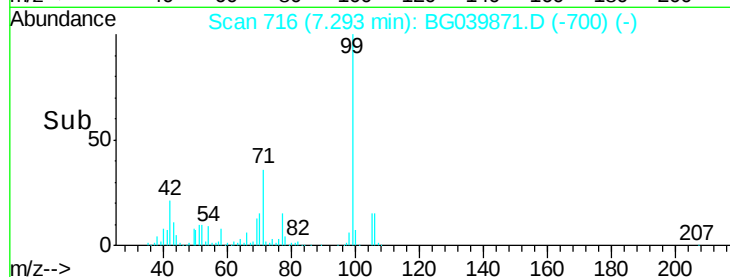
77 100

105 102.4 74.5 114.5

106 97.4 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: 42.349 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

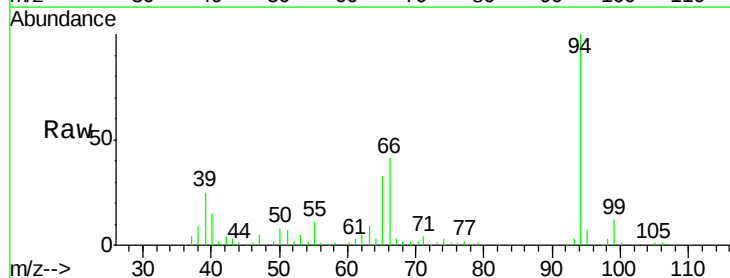
Tgt Ion: 94 Resp: 151703

Ion Ratio Lower Upper

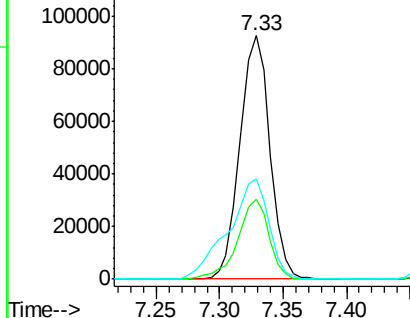
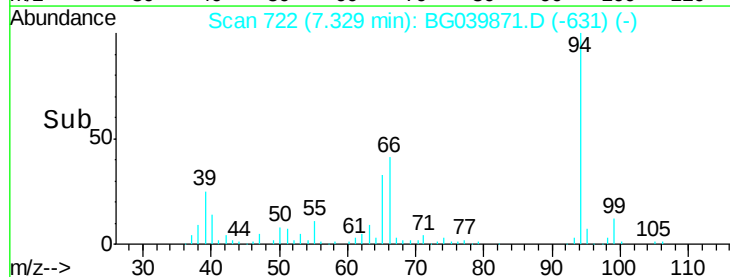
94 100

65 32.7 11.7 51.7

66 41.0 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

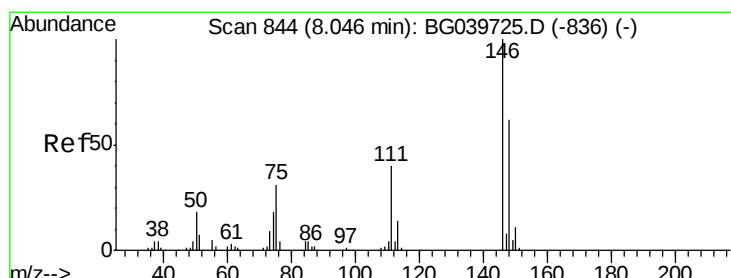
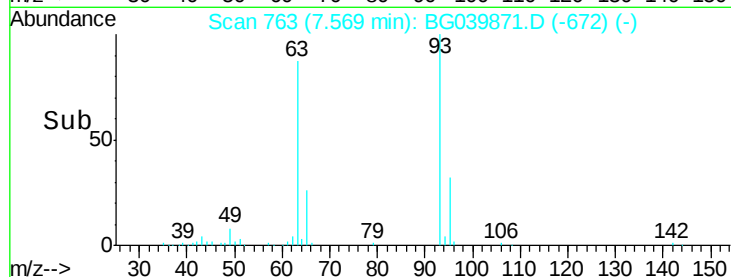
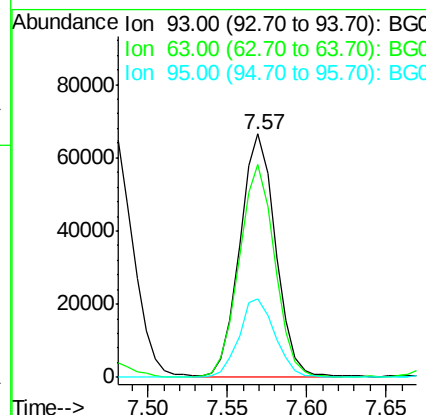
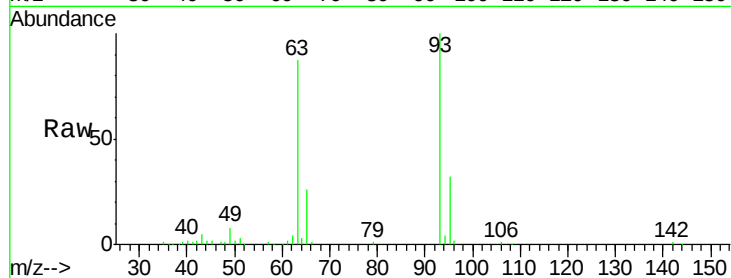




#11
bis(2-Chloroethyl)ether
Concen: 37.358 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

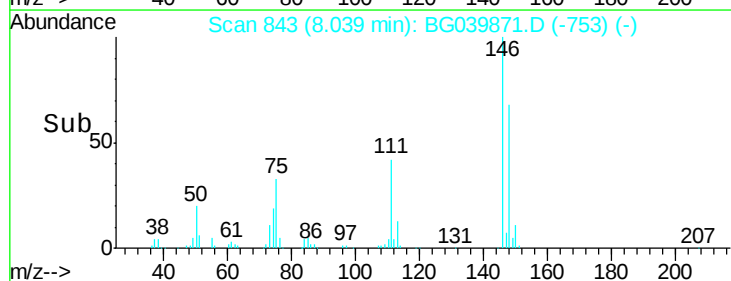
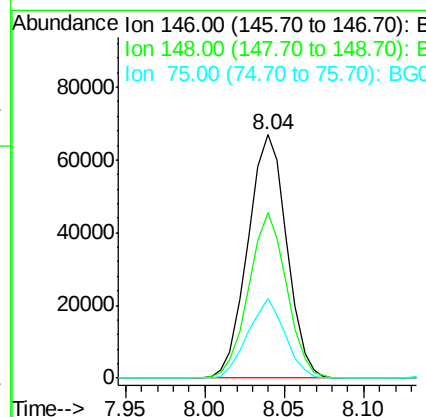
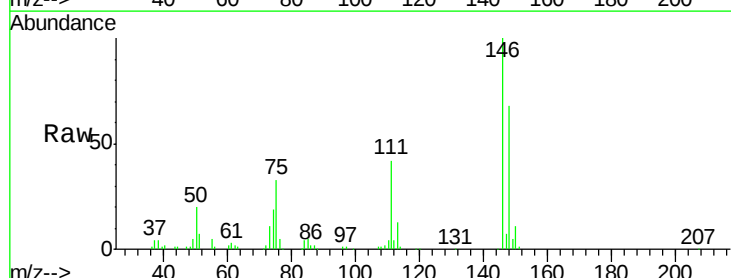
Instrument :
BNA_G
ClientSampleId :
PB117825BS

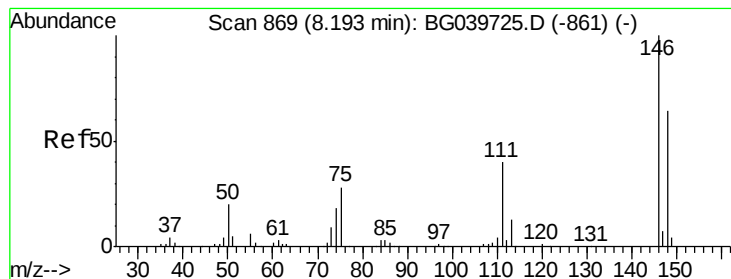
Tgt Ion: 93 Resp: 104340
Ion Ratio Lower Upper
93 100
63 87.3 69.5 109.5
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.469 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion: 146 Resp: 114014
Ion Ratio Lower Upper
146 100
148 68.2 52.6 79.0
75 32.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 37.893 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

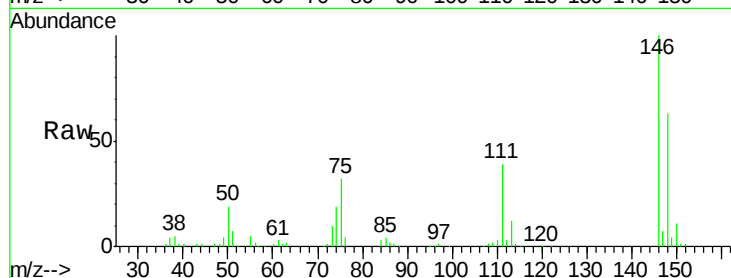
Tgt Ion:146 Resp: 117448

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

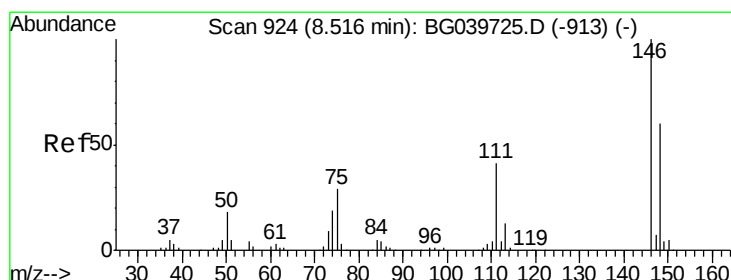
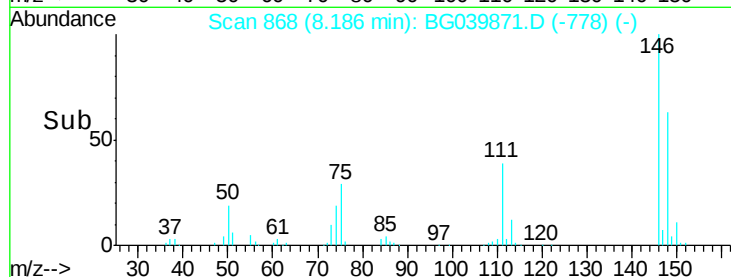
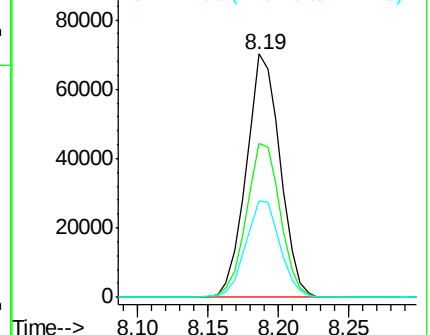
111 39.4 32.6 48.8



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: 37.746 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

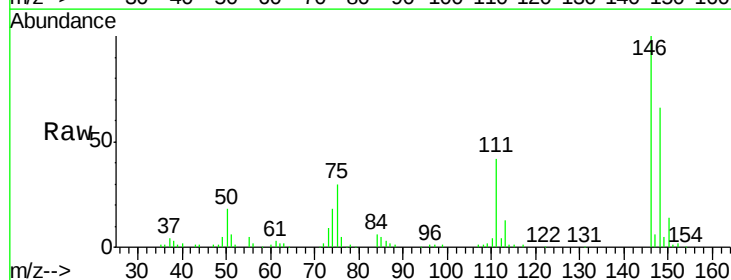
Tgt Ion:146 Resp: 113034

Ion Ratio Lower Upper

146 100

148 65.5 51.5 77.3

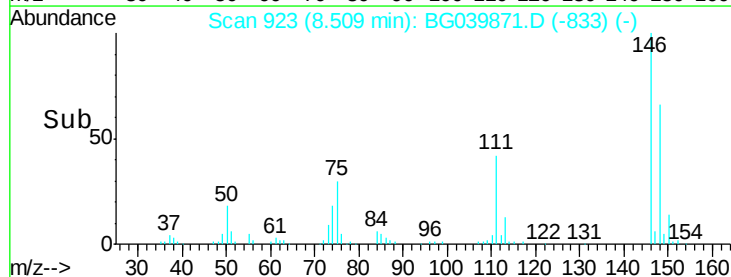
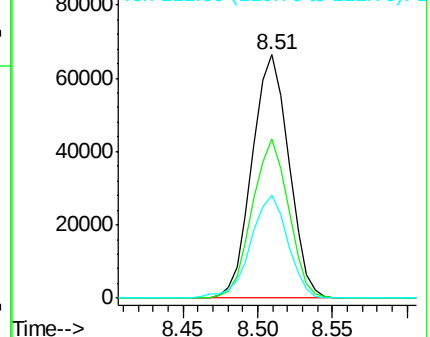
111 42.2 33.8 50.6



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: 39.844 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

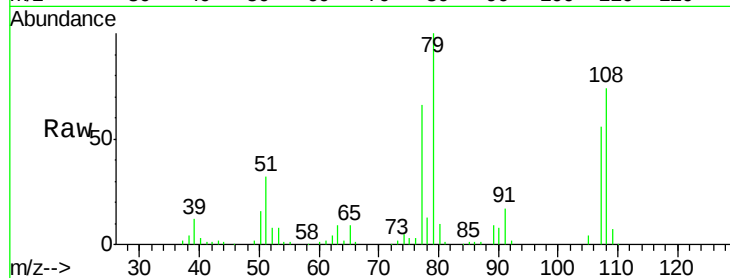
Tgt Ion: 79 Resp: 104514

Ion Ratio Lower Upper

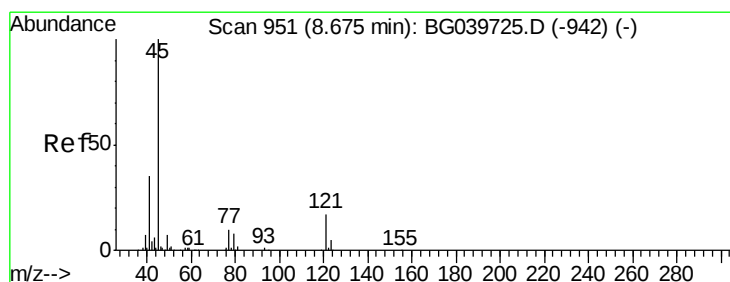
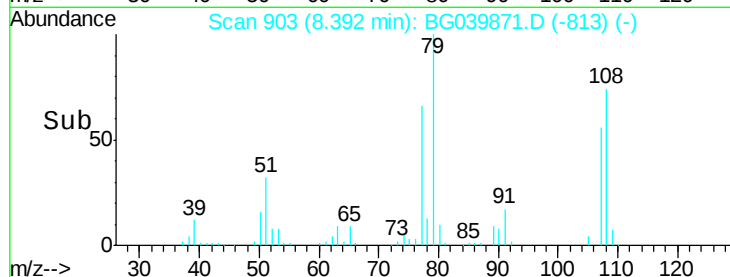
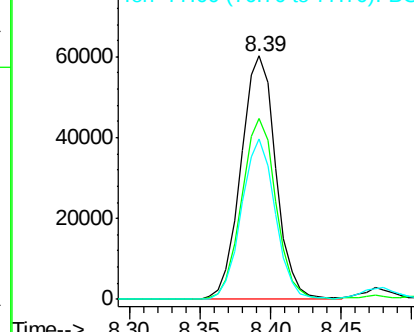
79 100

108 74.5 57.8 86.6

77 65.8 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.249 ng

RT: 8.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

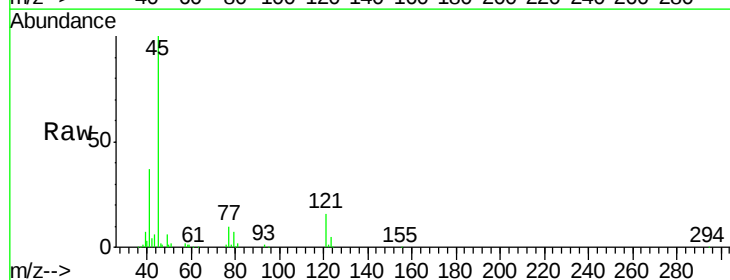
Tgt Ion: 45 Resp: 202485

Ion Ratio Lower Upper

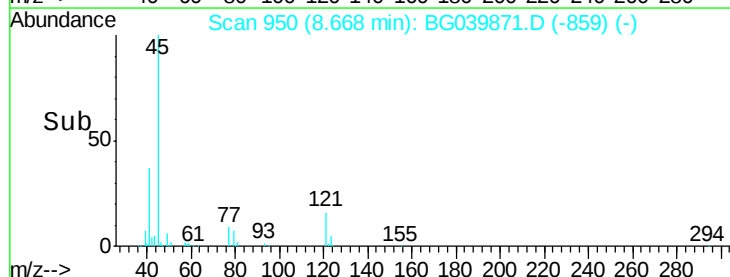
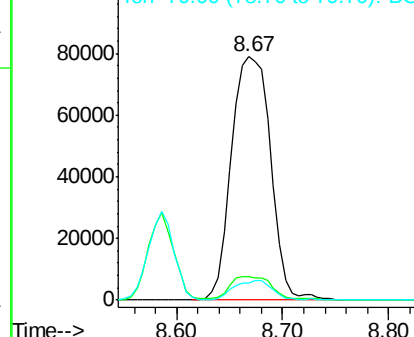
45 100

77 9.8 0.0 30.0

79 6.9 0.0 27.5



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

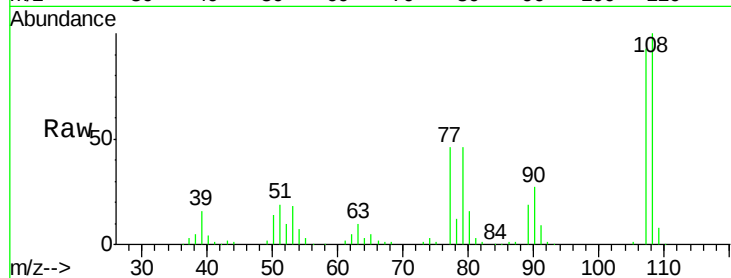




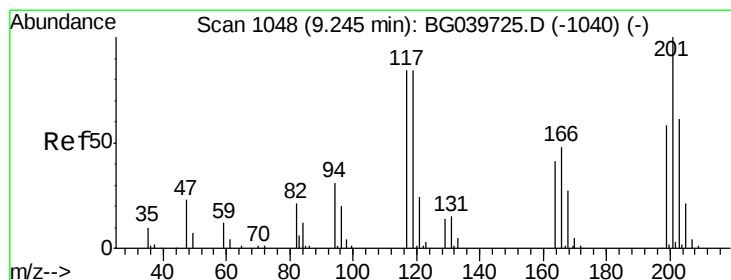
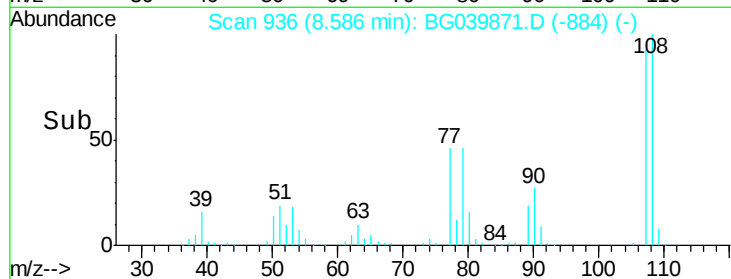
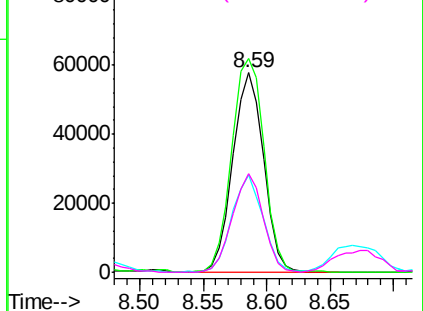
#17
2-Methylphenol
Concen: 42.499 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:107 Resp: 97075
Ion Ratio Lower Upper
107 100
108 107.2 90.8 136.2
77 49.0 40.7 61.1
79 49.6 40.6 60.8

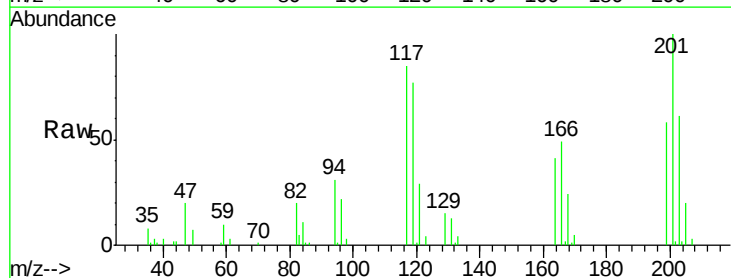


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

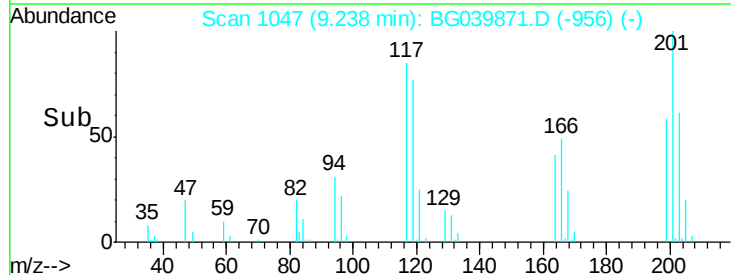
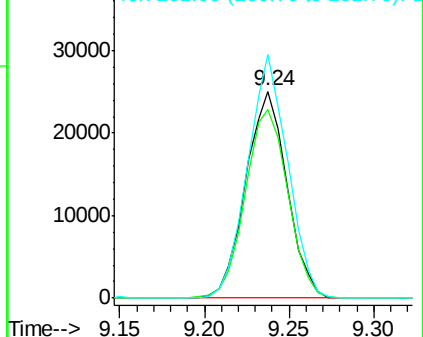


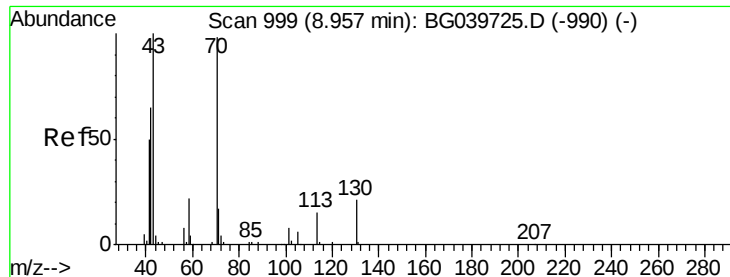
#18
Hexachloroethane
Concen: 38.152 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:117 Resp: 42430
Ion Ratio Lower Upper
117 100
119 91.1 76.3 114.5
201 117.6 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

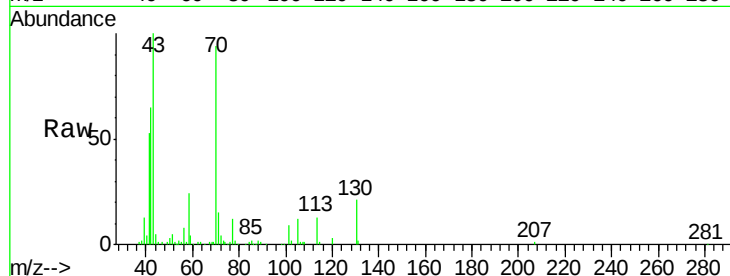




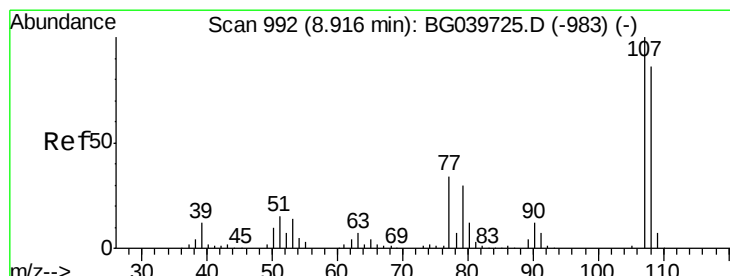
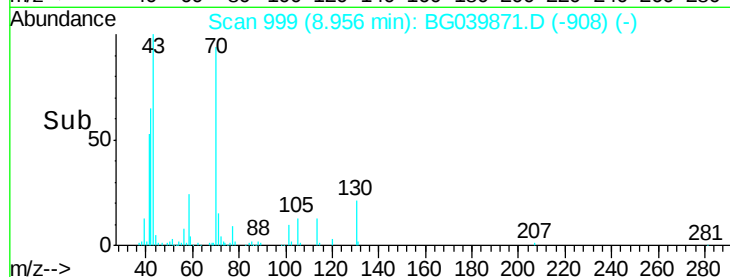
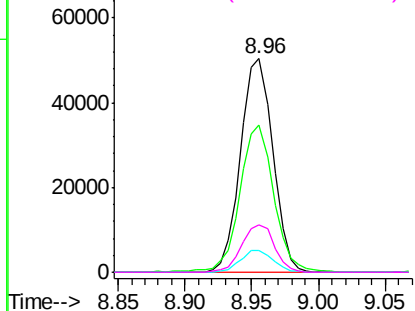
#19
n-Nitroso-di-n-propylamine
Concen: 35.512 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:	70	Resp:	84522
Ion	Ratio	Lower	Upper
70	100		
42	69.1	60.4	90.6
101	10.1	7.5	11.3
130	22.1	16.9	25.3

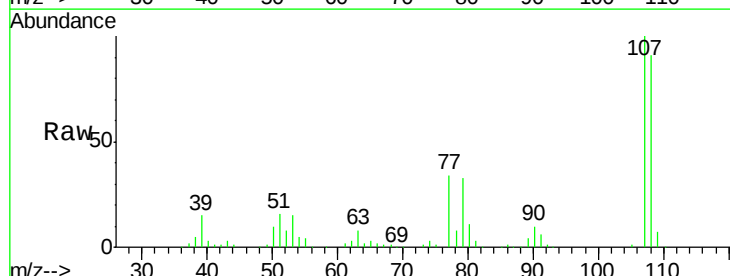


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

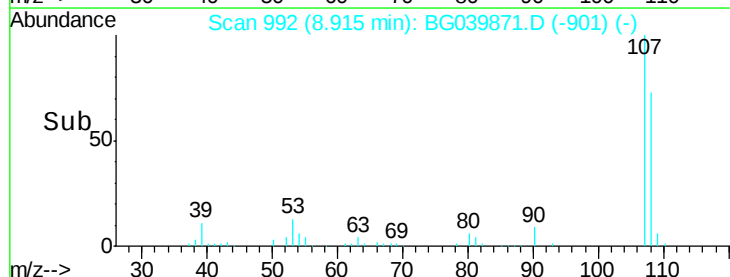
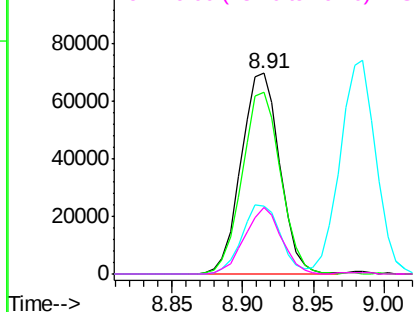


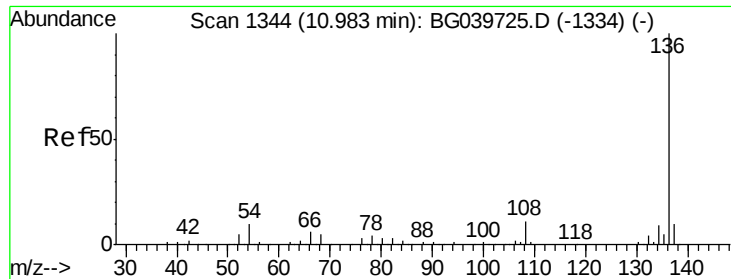
#20
3+4-Methylphenols
Concen: 42.206 ng
RT: 8.91 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:	107	Resp:	133929
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.9	107.9
77	34.1	15.4	55.4
79	33.1	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

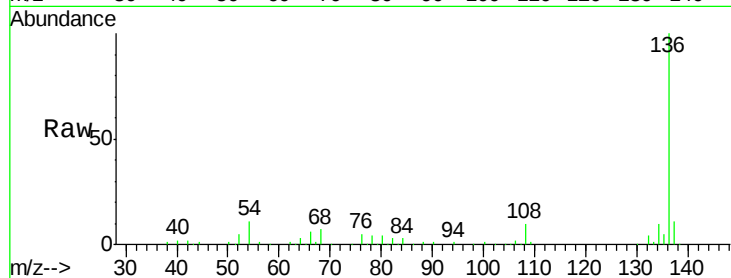




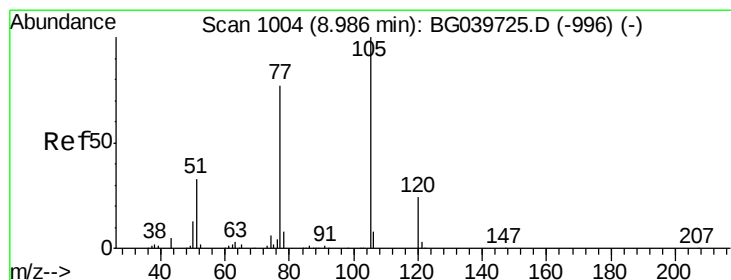
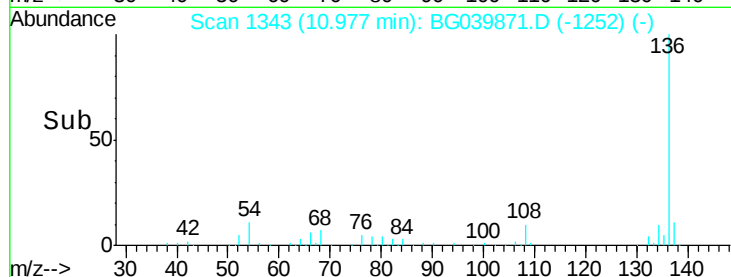
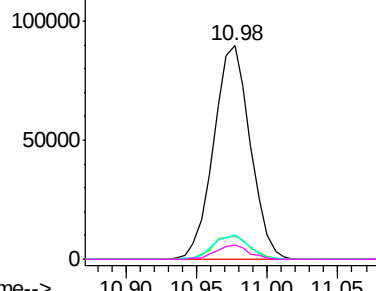
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:	136	Resp:	162841
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.2	9.4	14.2
68	6.6	4.2	6.4#

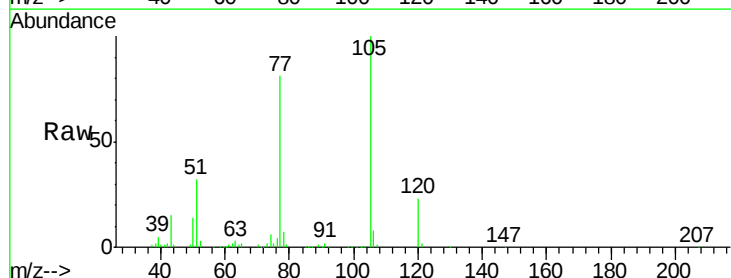


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

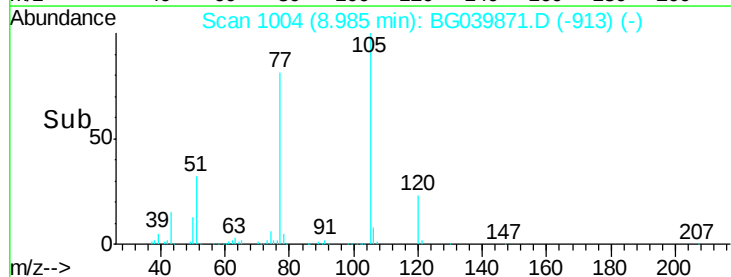
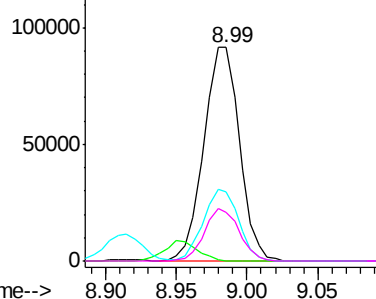


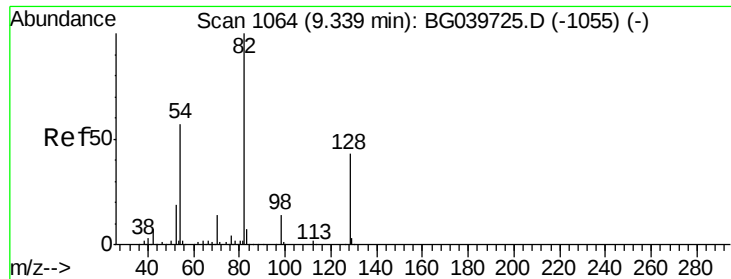
#22
Acetophenone
Concen: 37.022 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:	105	Resp:	161810
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	32.2	30.2	45.2
120	22.8	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

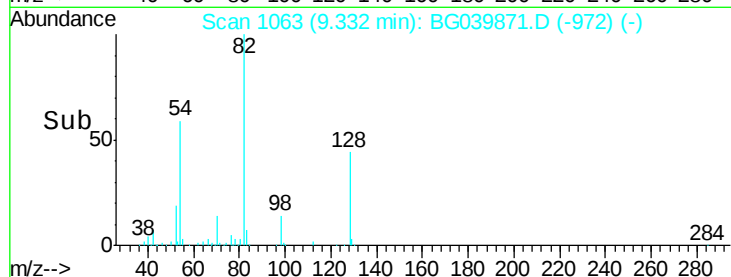
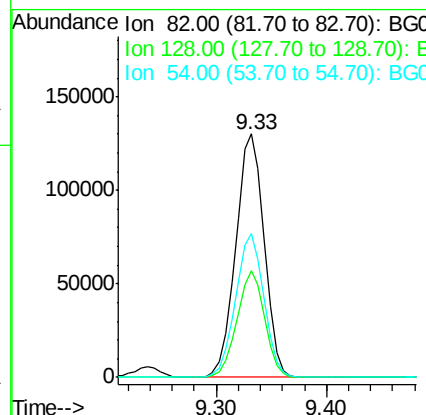
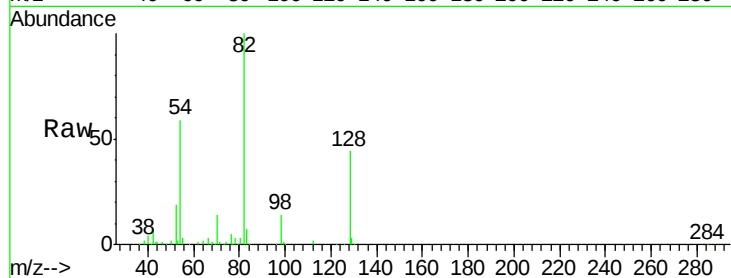




#23
 Nitrobenzene-d5
 Concen: 77.870 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

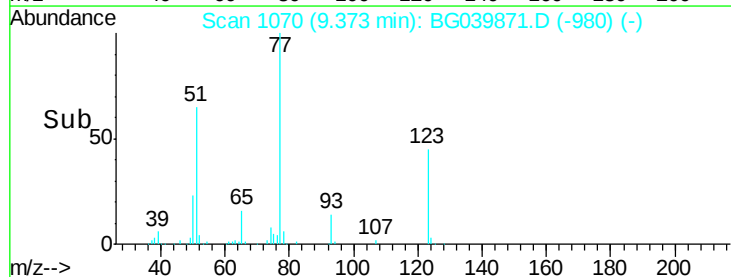
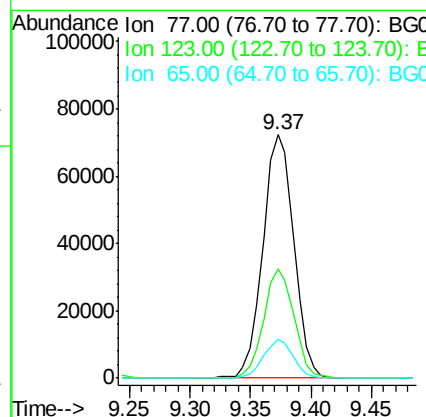
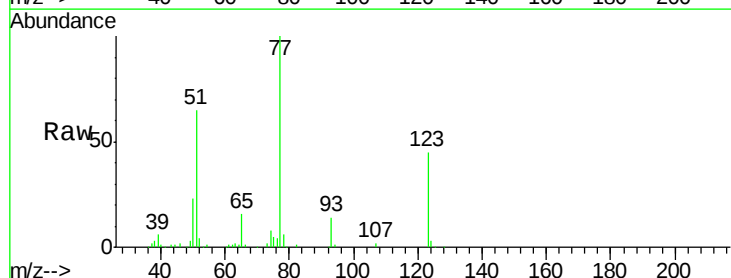
Instrument :
 BNA_G
 ClientSampleId :
 PB117825BS

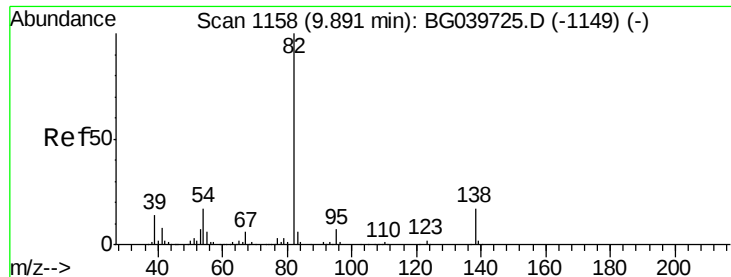
Tgt Ion: 82 Resp: 234458
 Ion Ratio Lower Upper
 82 100
 128 43.9 31.3 46.9
 54 59.3 50.9 76.3



#24
 Nitrobenzene
 Concen: 40.630 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

Tgt Ion: 77 Resp: 128335
 Ion Ratio Lower Upper
 77 100
 123 45.0 34.1 51.1
 65 15.8 12.3 18.5





#25

Isophorone

Concen: 38.376 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

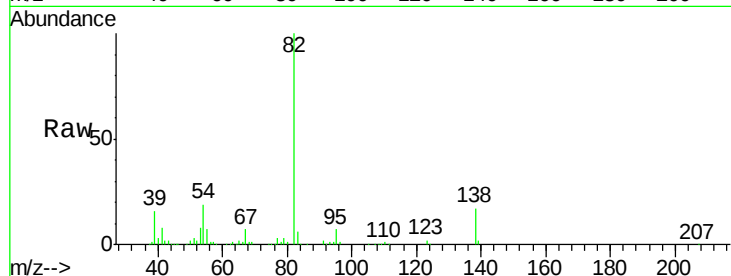
Tgt Ion: 82 Resp: 242104

Ion Ratio Lower Upper

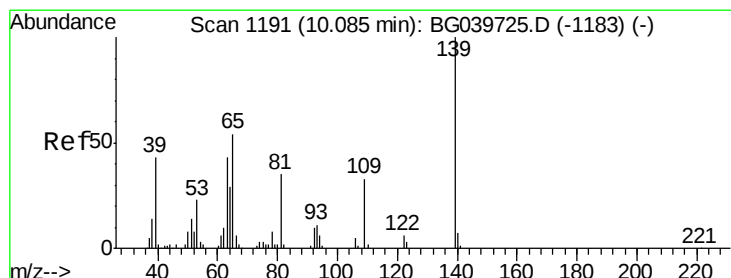
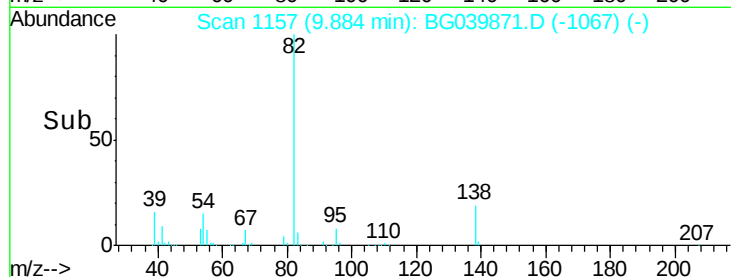
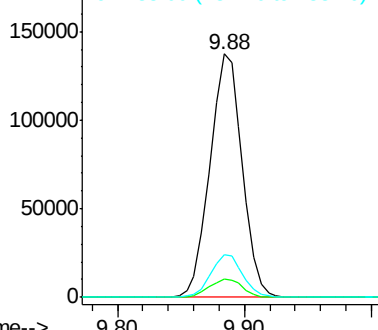
82 100

95 7.3 6.2 9.2

138 17.5 13.0 19.4



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



#26

2-Nitrophenol

Concen: 41.806 ng

RT: 10.08 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

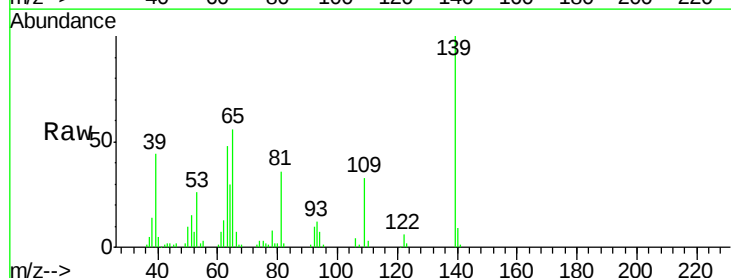
Tgt Ion: 139 Resp: 63757

Ion Ratio Lower Upper

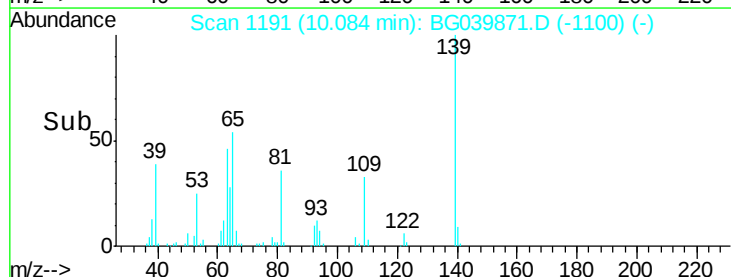
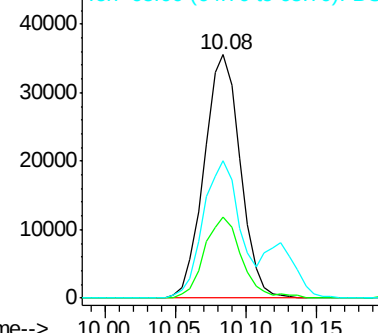
139 100

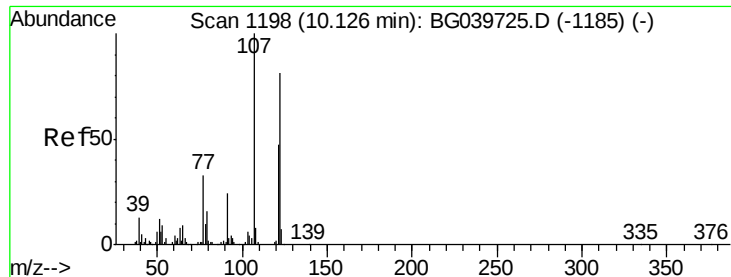
109 33.5 23.4 35.0

65 56.2 44.3 66.5



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

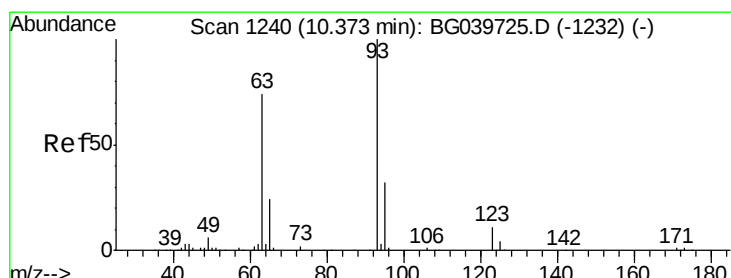
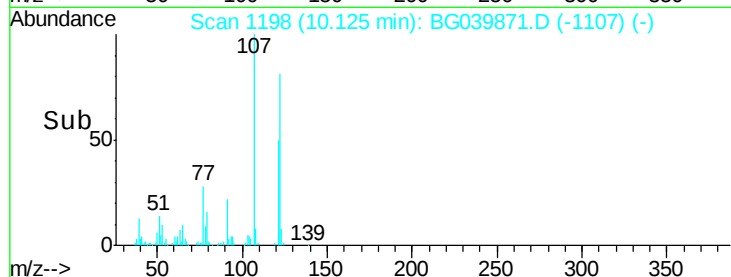
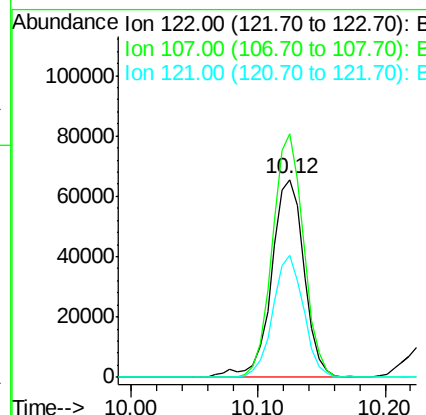
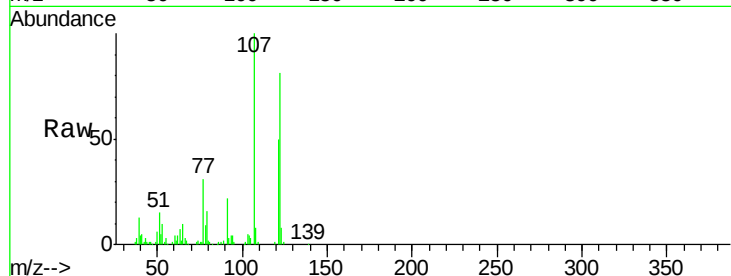




#27
2,4-Dimethylphenol
Concen: 49.346 ng
RT: 10.12 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

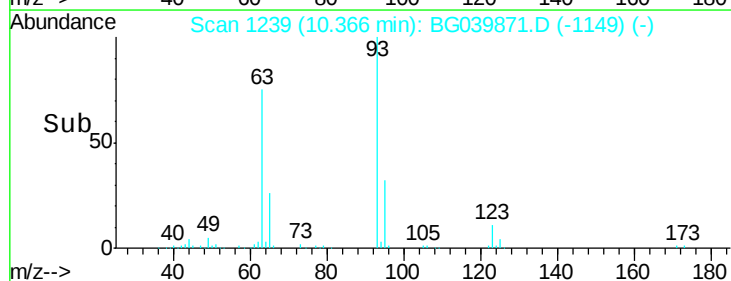
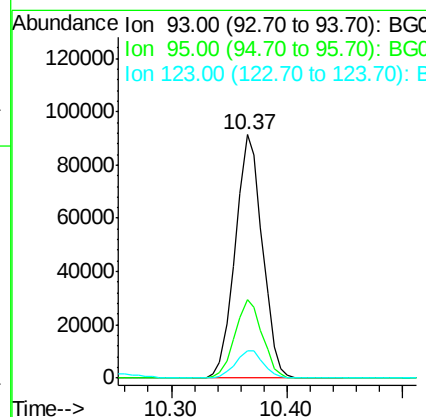
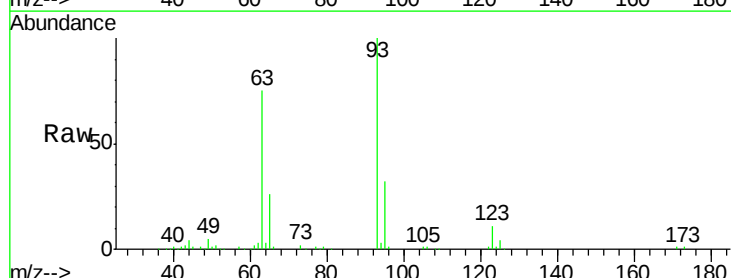
Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:122 Resp: 117043
Ion Ratio Lower Upper
122 100
107 123.0 91.7 137.5
121 61.7 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.729 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion: 93 Resp: 148480
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.4
123 11.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 46.195 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

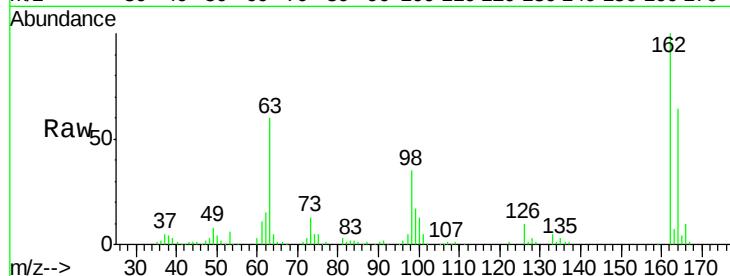
Tgt Ion:162 Resp: 123361

Ion Ratio Lower Upper

162 100

164 63.9 48.1 88.1

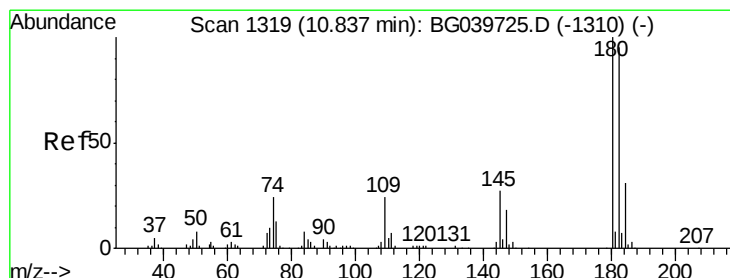
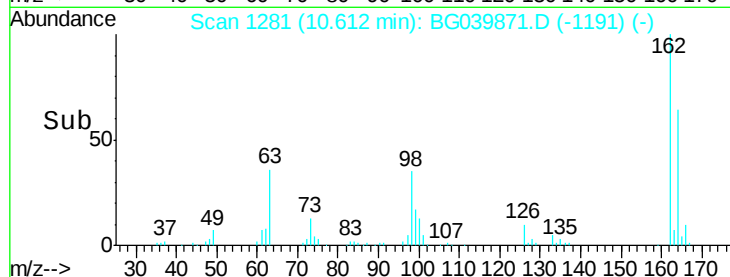
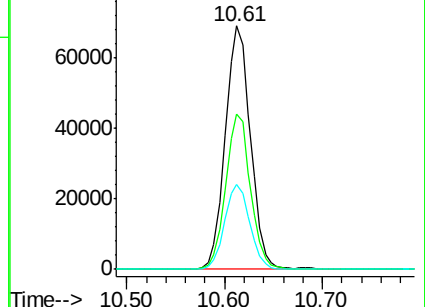
98 34.8 18.1 58.1



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: 40.026 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

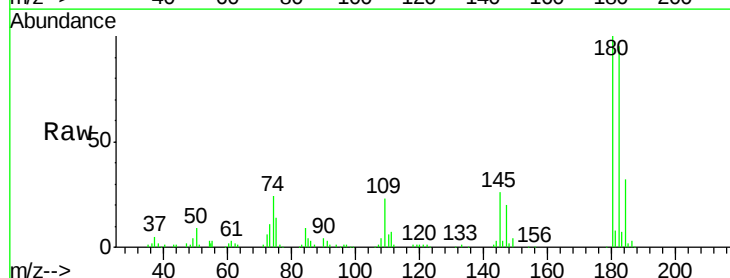
Tgt Ion:180 Resp: 120277

Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

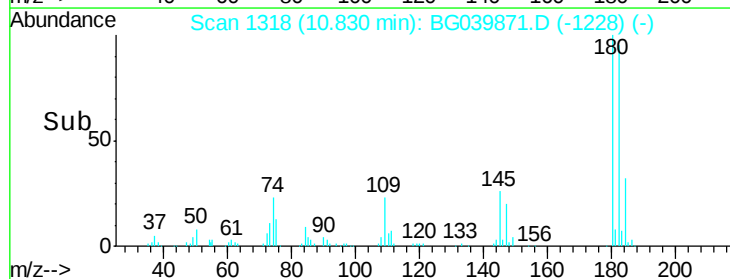
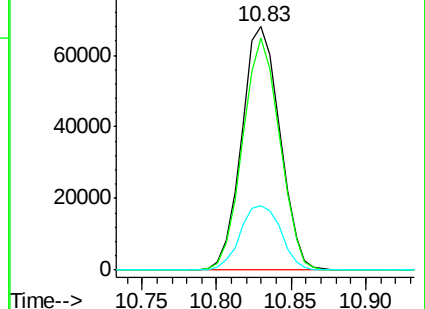
145 26.2 22.7 34.1

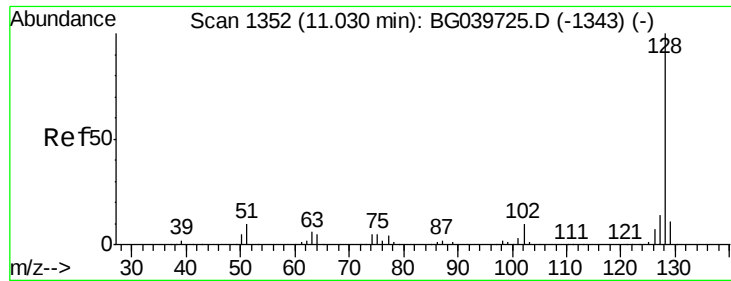


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

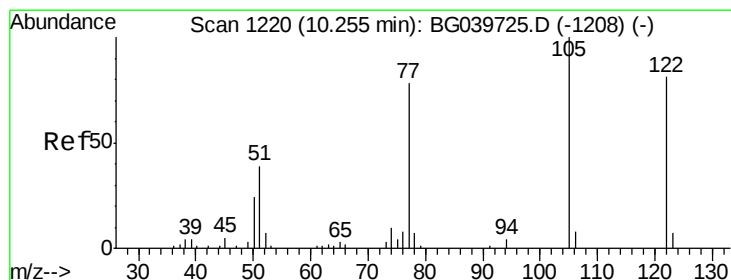
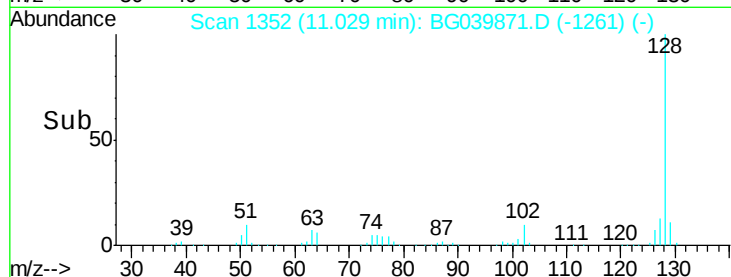
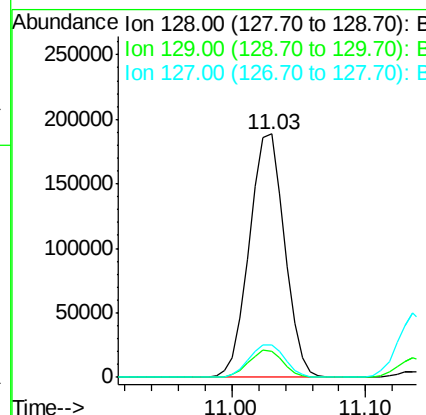
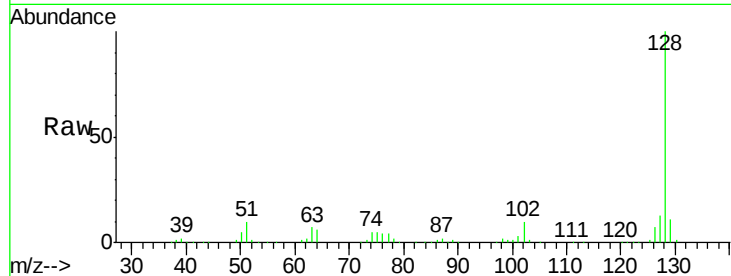




#31
Naphthalene
Concen: 39.766 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

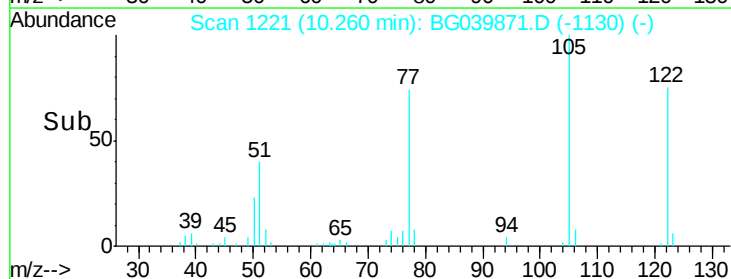
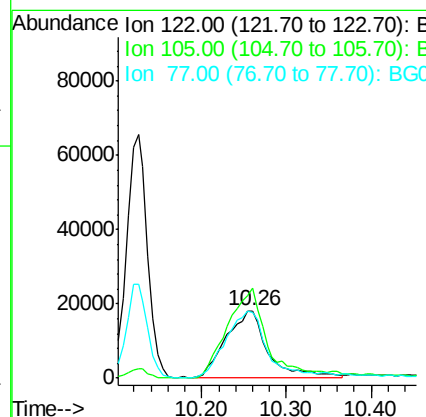
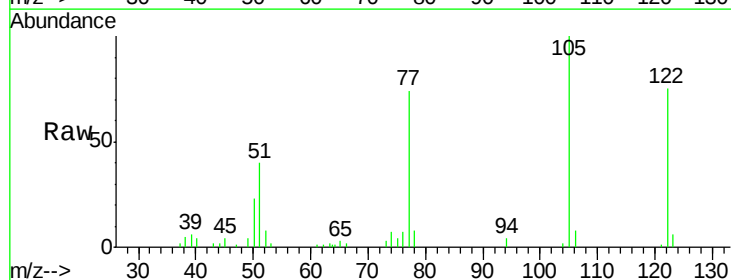
Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:128 Resp: 342849
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 40.032 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:122 Resp: 63126
Ion Ratio Lower Upper
122 100
105 132.8 101.8 141.8
77 98.4 76.3 116.3

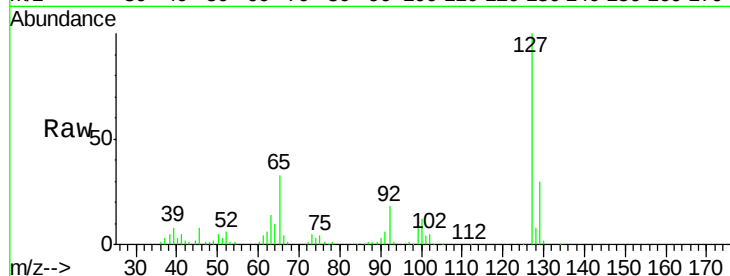




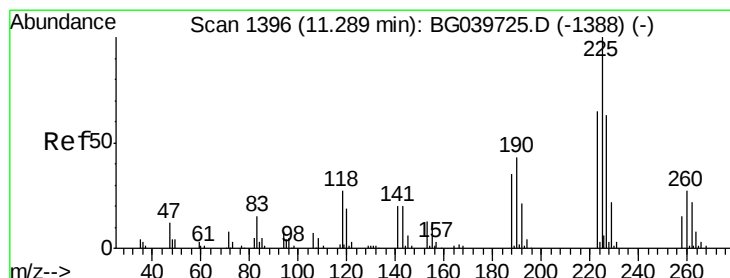
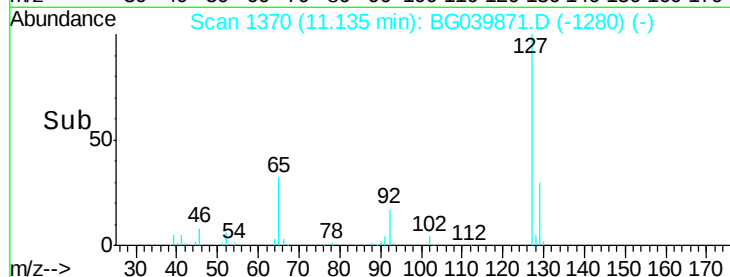
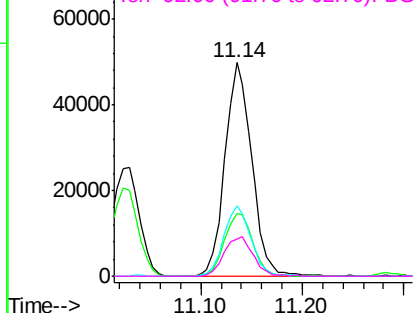
#33
4-Chloroaniline
Concen: 24.965 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:	127	Resp:	91270
Ion	Ratio	Lower	Upper
127	100		
129	29.6	27.0	40.4
65	32.7	28.8	43.2
92	17.5	16.6	25.0

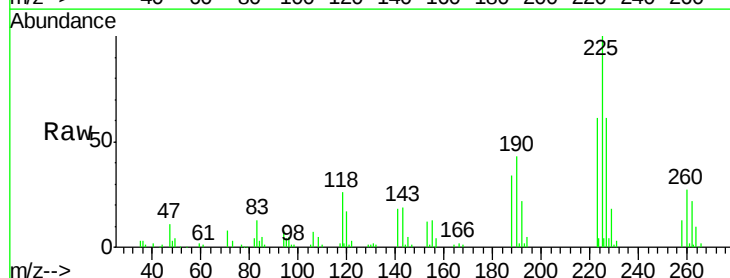


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

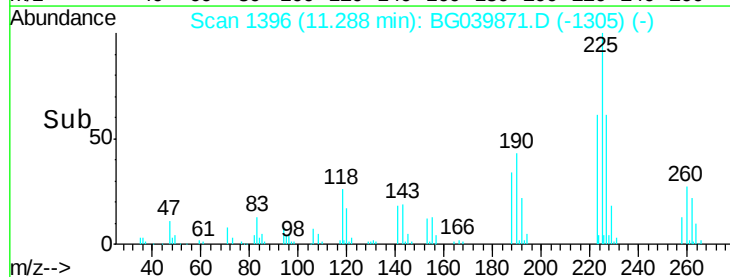
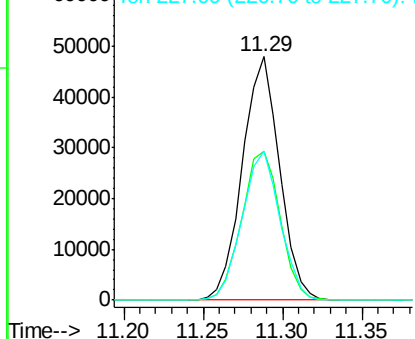


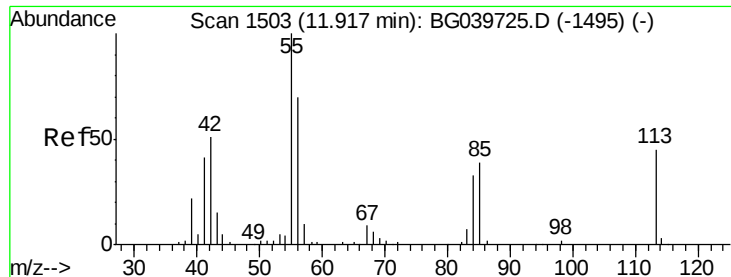
#34
Hexachlorobutadiene
Concen: 37.933 ng
RT: 11.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:	225	Resp:	77892
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.0	73.6
227	61.1	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

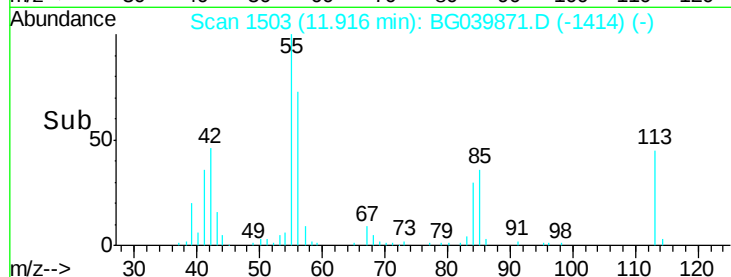
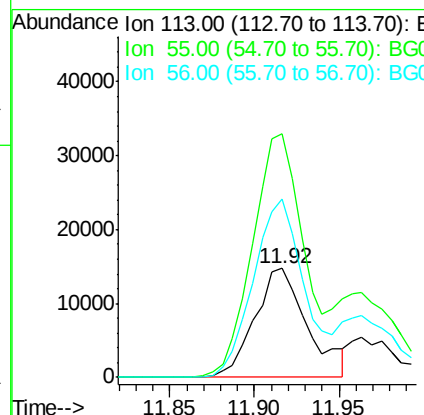
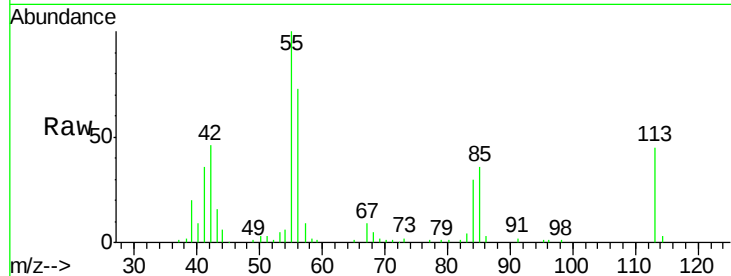




#35
Caprolactam
Concen: 31.211 ng
RT: 11.92 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

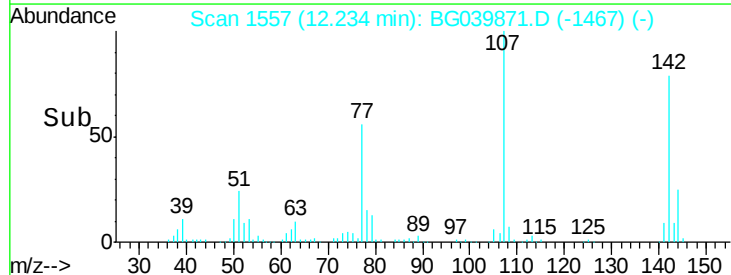
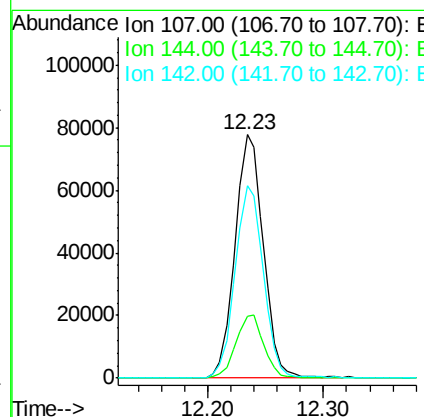
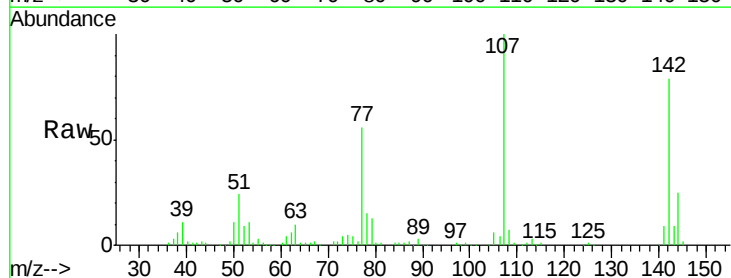
Instrument :
BNA_G
ClientSampleId :
PB117825BS

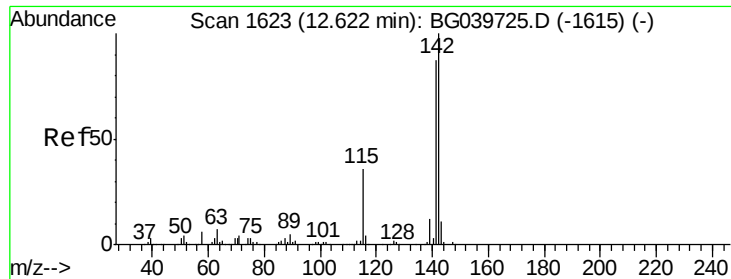
Tgt Ion:113 Resp: 31838
Ion Ratio Lower Upper
113 100
55 223.8 216.9 256.9
56 164.1 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 43.176 ng
RT: 12.23 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:107 Resp: 132172
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 79.2 61.4 92.2

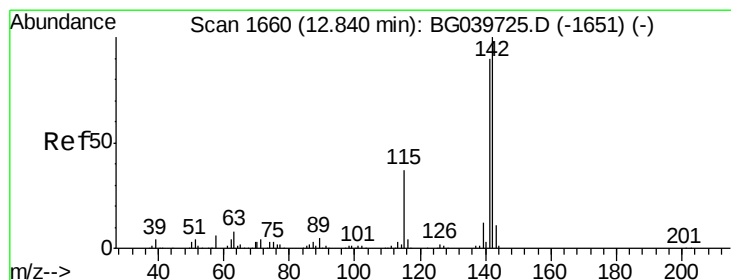
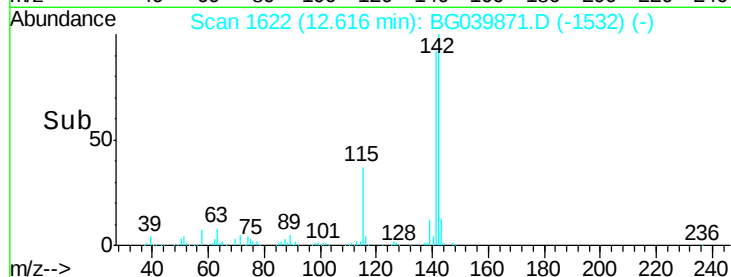
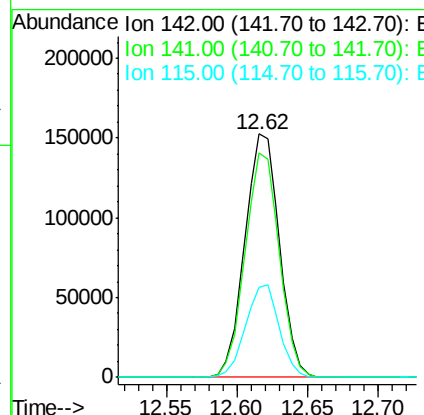
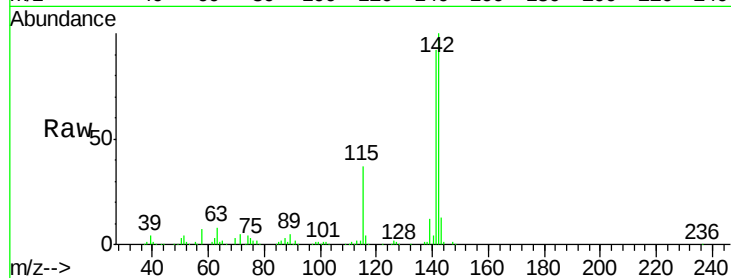




#37
 2-Methylnaphthalene
 Concen: 40.572 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

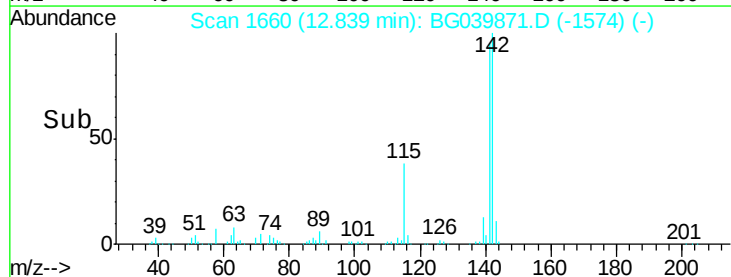
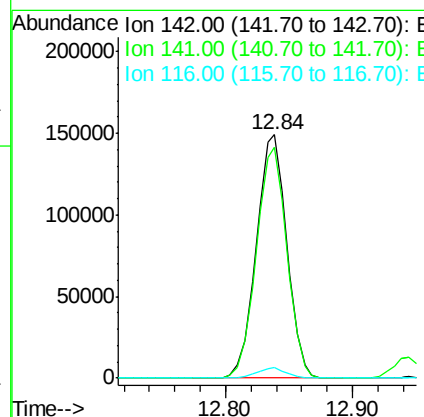
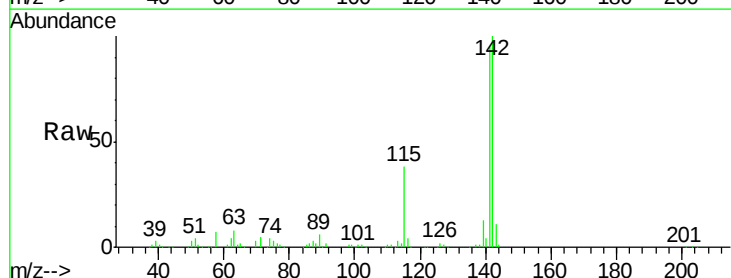
Instrument :
 BNA_G
 ClientSampleId :
 PB117825BS

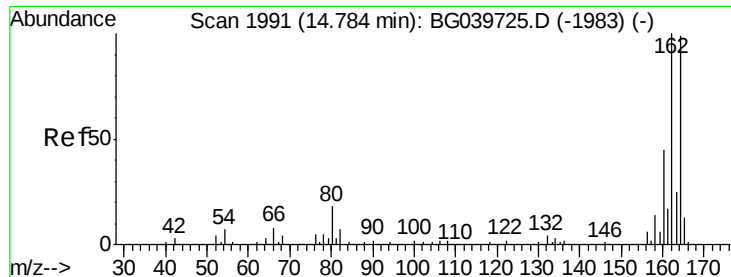
Tgt Ion:142 Resp: 261521
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.5 110.3
 115 36.9 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 39.822 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

Tgt Ion:142 Resp: 249453
 Ion Ratio Lower Upper
 142 100
 141 94.9 74.2 111.4
 116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

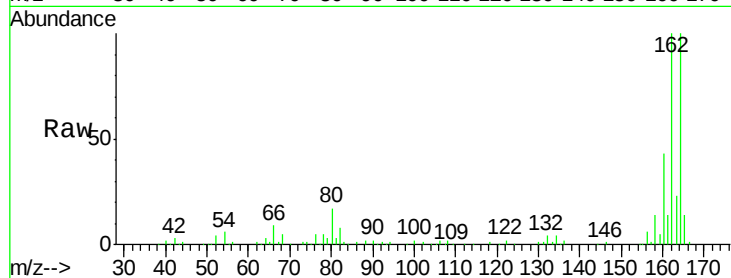
Tgt Ion:164 Resp: 115229

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

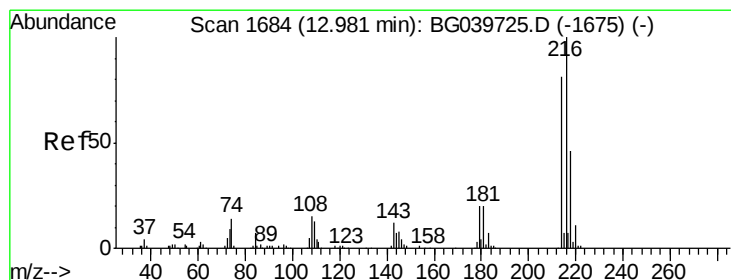
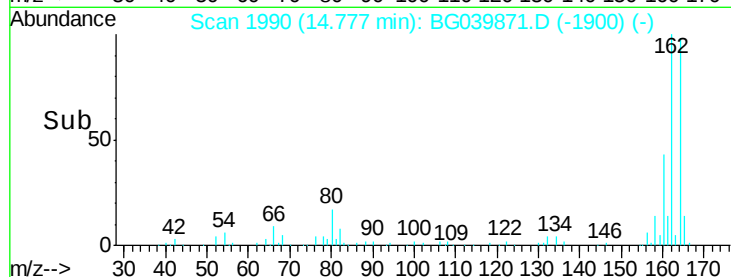
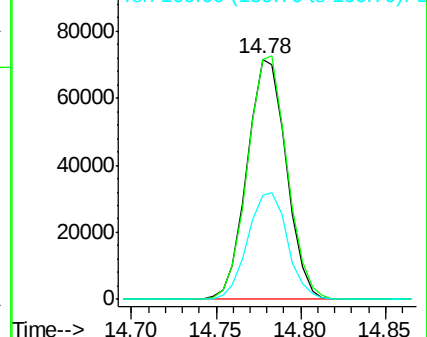
160 43.3 34.2 51.2



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: 37.592 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Tgt Ion:216 Resp: 146746

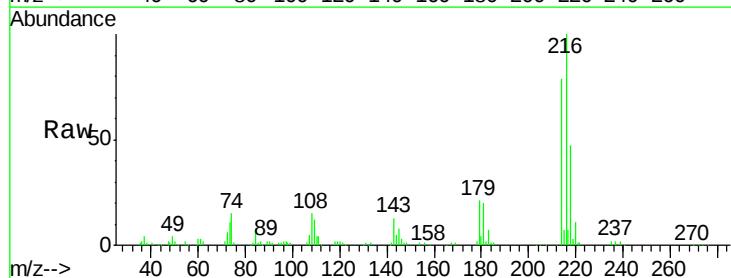
Ion Ratio Lower Upper

216 100

214 80.3 62.6 94.0

179 20.6 16.6 25.0

108 18.0 14.0 21.0

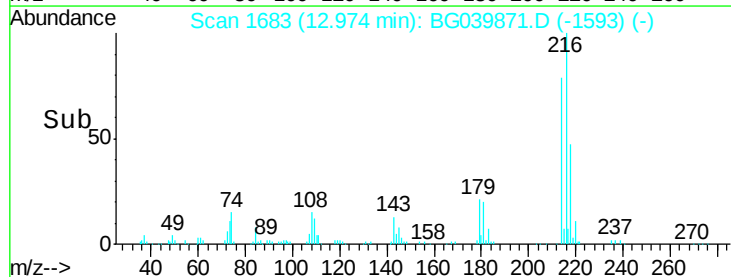
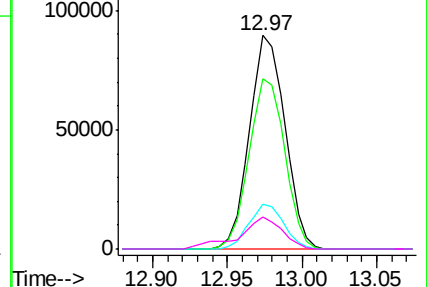


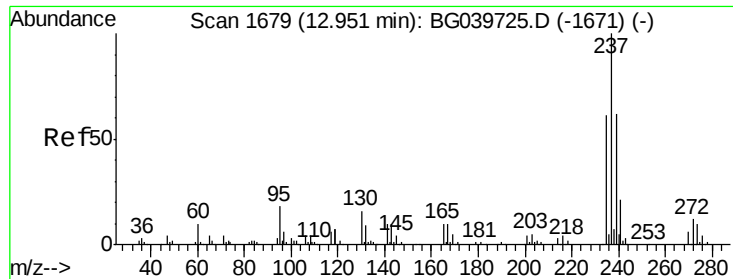
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.893 ng

RT: 12.94 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

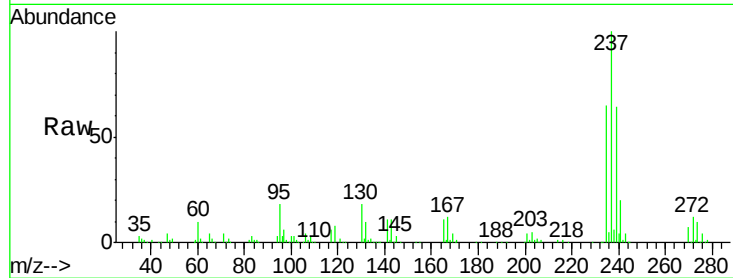
Tgt Ion:237 Resp: 175504

Ion Ratio Lower Upper

237 100

235 65.1 43.3 83.3

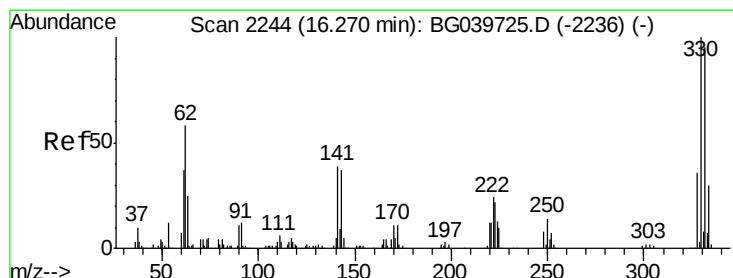
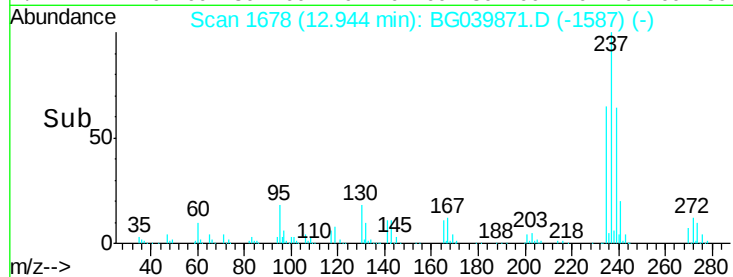
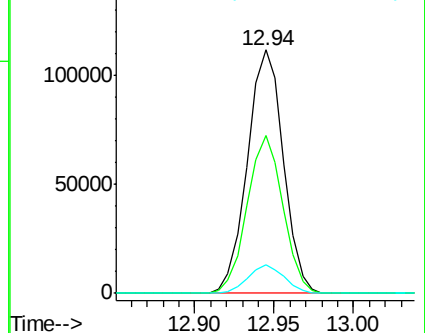
272 11.7 0.0 32.3



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: 138.081 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

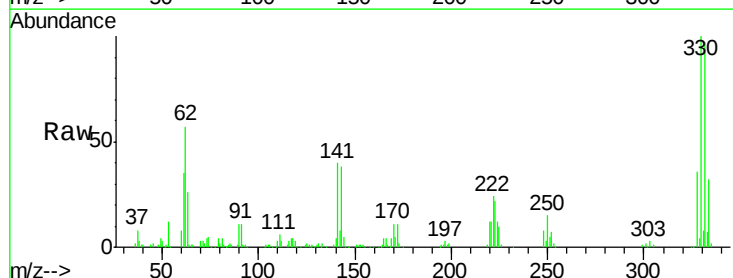
Tgt Ion:330 Resp: 185454

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

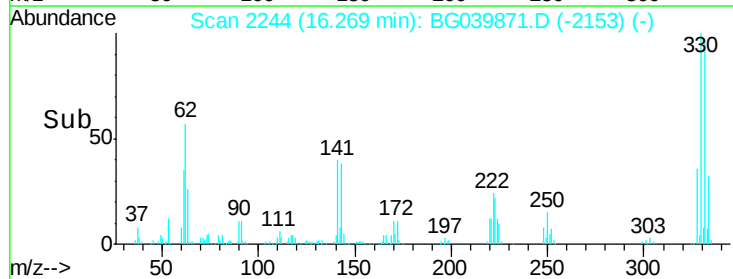
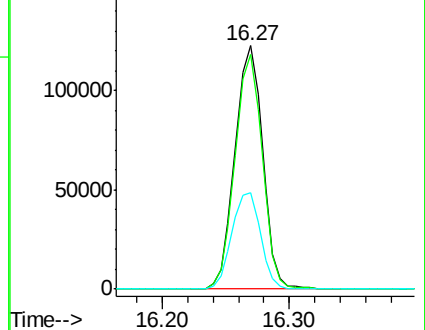
141 41.3 35.6 53.4

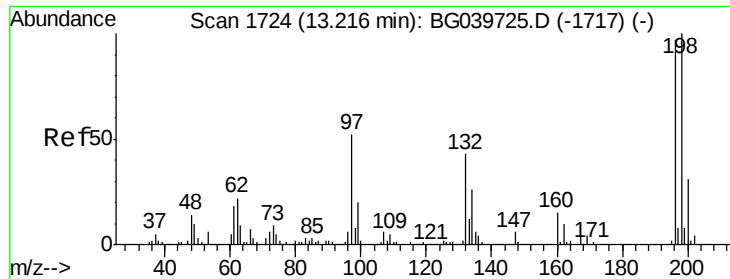


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

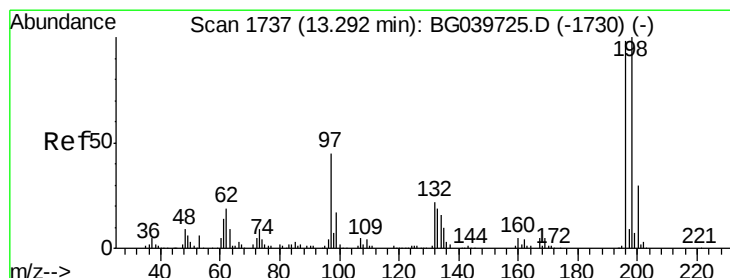
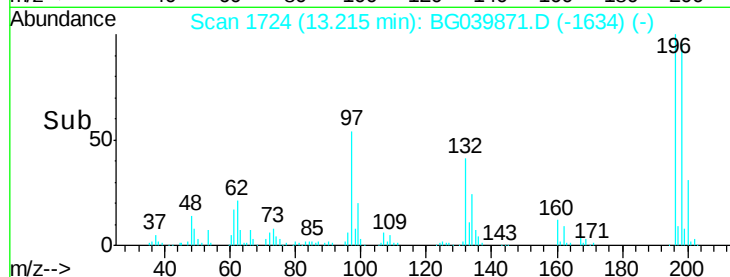
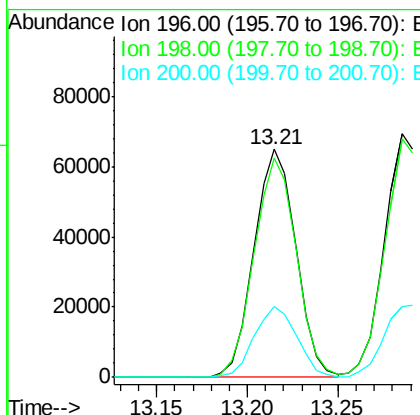
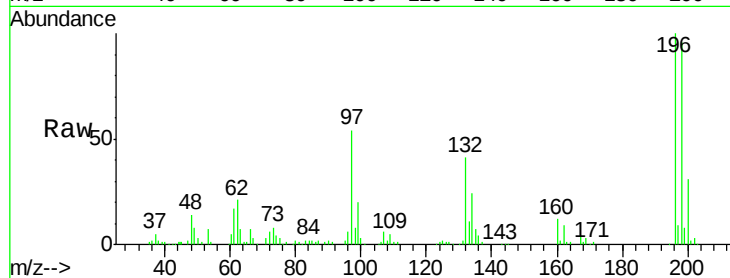




#43
 2,4,6-Trichlorophenol
 Concen: 45.614 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

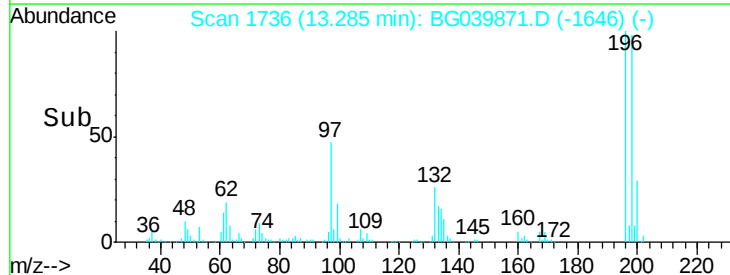
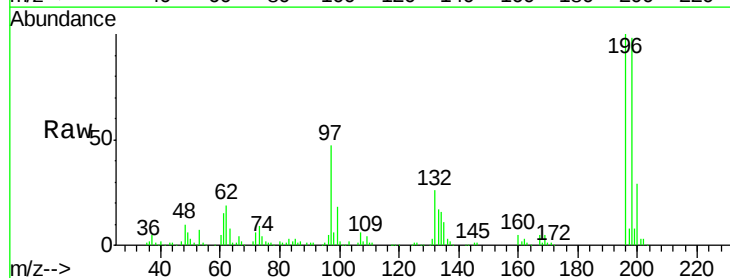
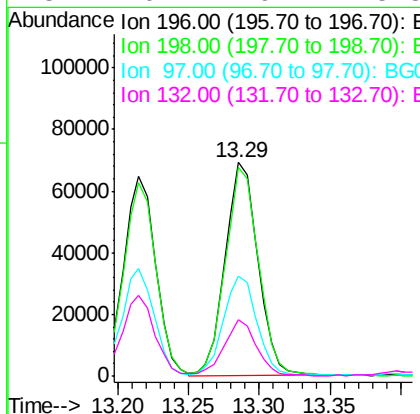
Instrument :
 BNA_G
 ClientSampleId :
 PB117825BS

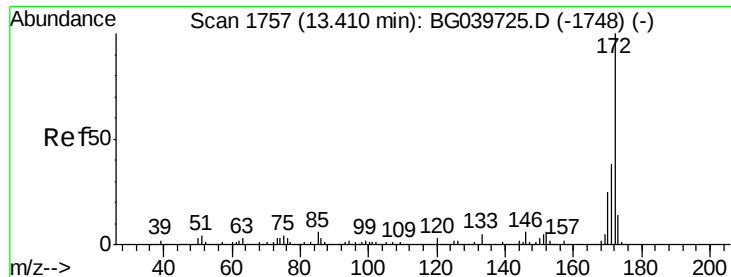
Tgt Ion:196 Resp: 104247
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.6 121.0
 200 31.0 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.350 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

Tgt Ion:196 Resp: 111673
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.5 117.7
 97 46.5 38.4 57.6
 132 26.1 19.2 28.8

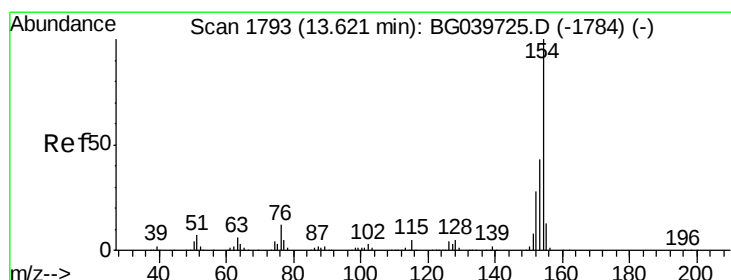
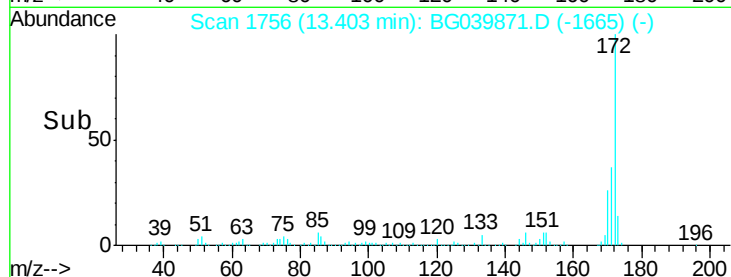
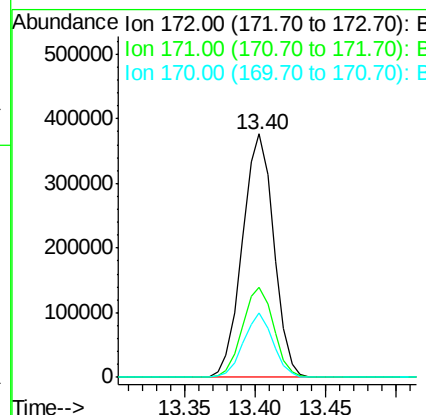
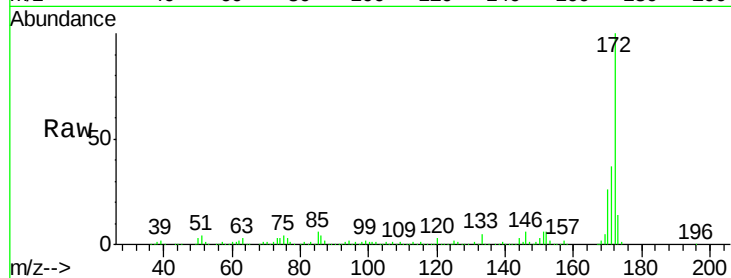




#45
2-Fluorobiphenyl
Concen: 72.407 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

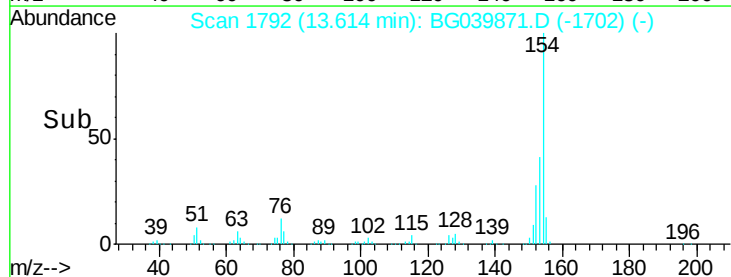
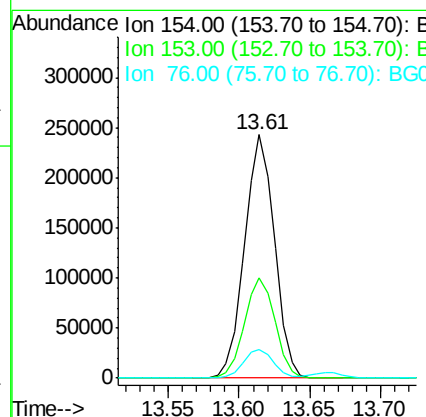
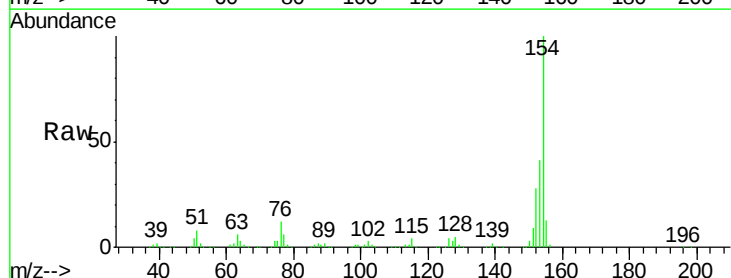
Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:172 Resp: 585984
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 26.3 20.2 30.4



#46
1,1'-Biphenyl
Concen: 37.987 ng
RT: 13.61 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:154 Resp: 360015
Ion Ratio Lower Upper
154 100
153 41.4 22.1 62.1
76 11.6 0.0 32.4

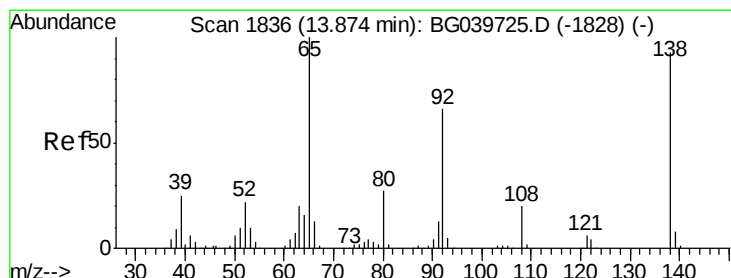
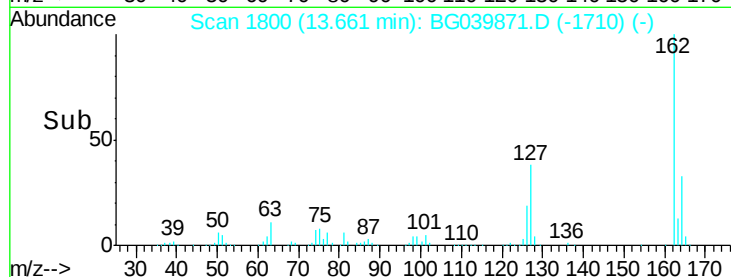
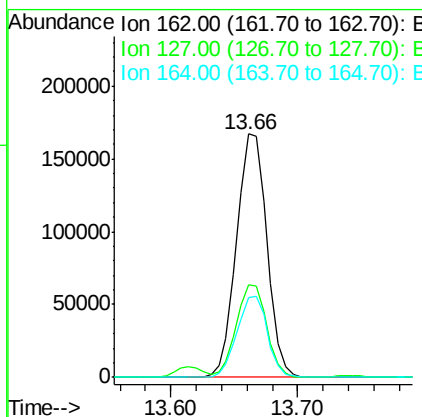
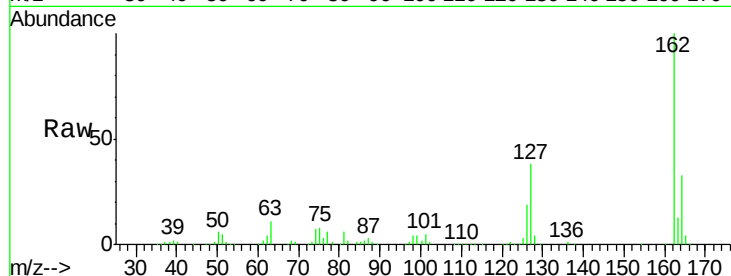




#47
 2-Chloronaphthalene
 Concen: 38.855 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

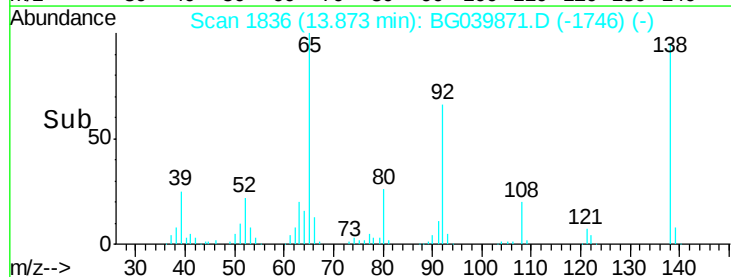
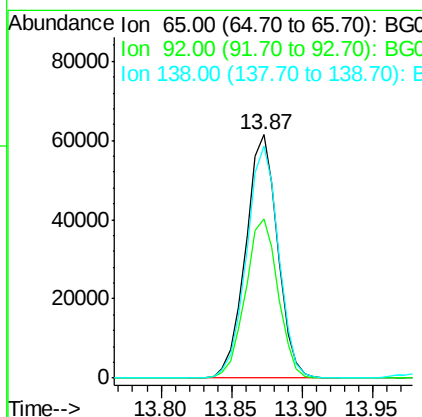
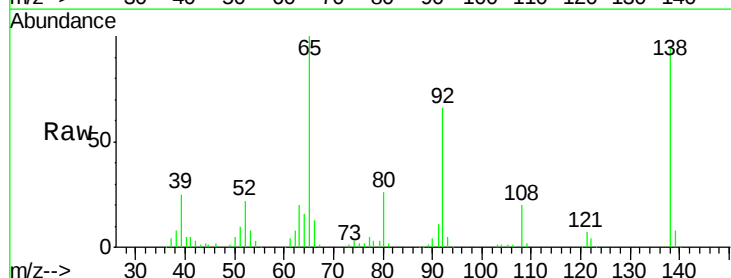
Instrument :
 BNA_G
 ClientSampleId :
 PB117825BS

Tgt Ion: 162 Resp: 277029
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 32.6 25.7 38.5



#48
 2-Nitroaniline
 Concen: 42.592 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

Tgt Ion: 65 Resp: 97590
 Ion Ratio Lower Upper
 65 100
 92 65.6 51.4 77.2
 138 95.1 71.4 107.2





#49

Acenaphthylene

Concen: 38.358 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

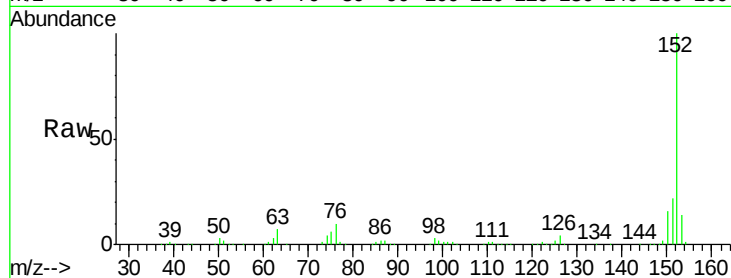
Tgt Ion:152 Resp: 448955

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

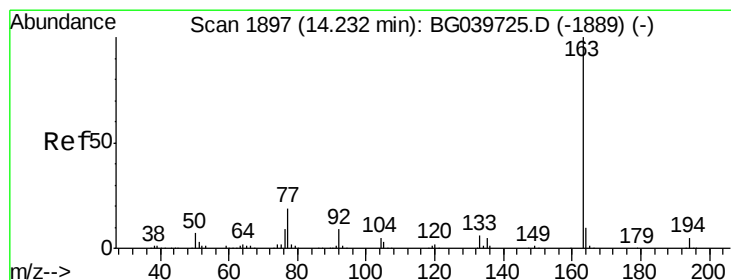
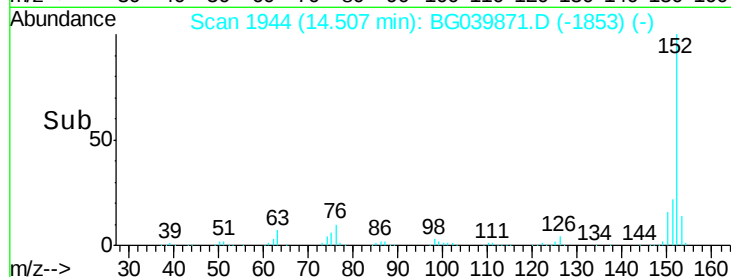
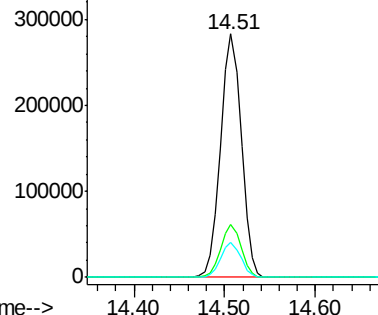
153 14.2 11.7 17.5



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: 39.252 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

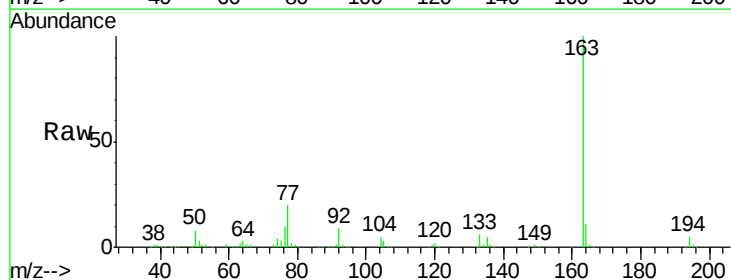
Tgt Ion:163 Resp: 378202

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

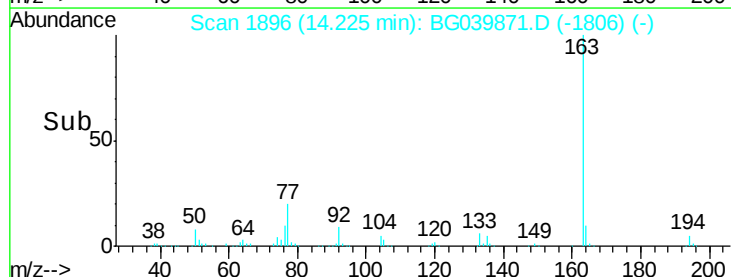
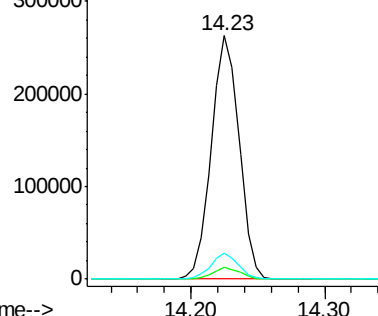
164 10.6 8.4 12.6

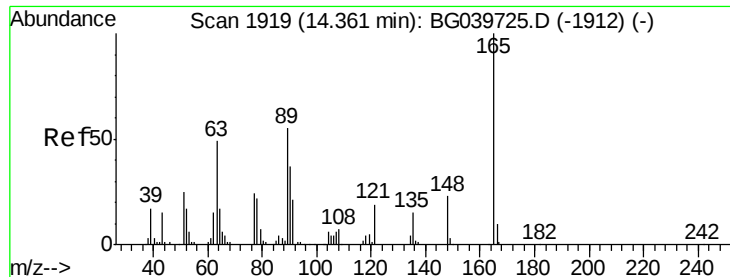


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

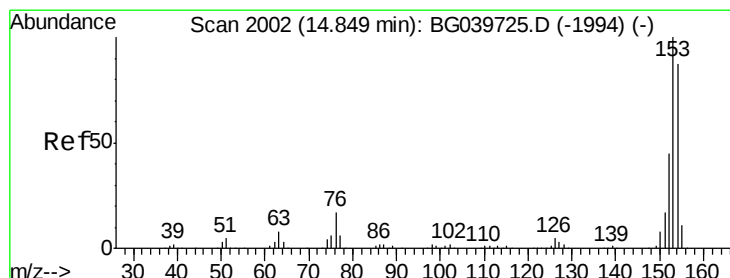
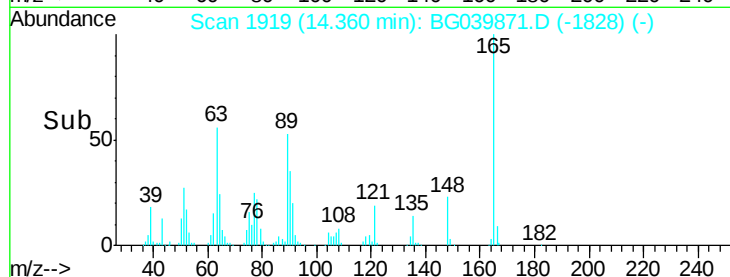
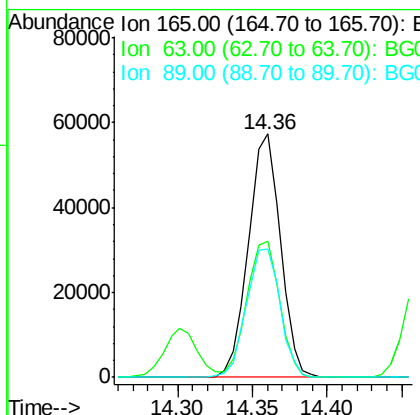
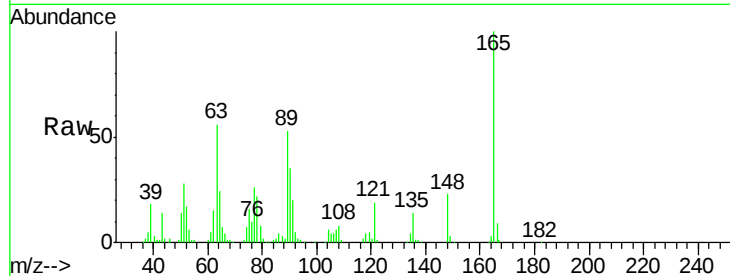




#51
2,6-Dinitrotoluene
Concen: 41.526 ng
RT: 14.36 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

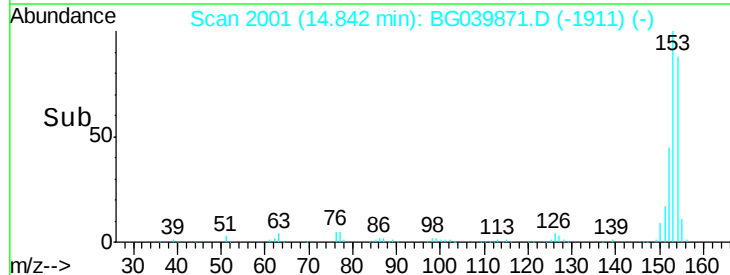
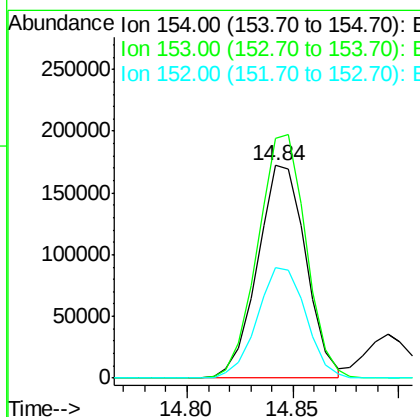
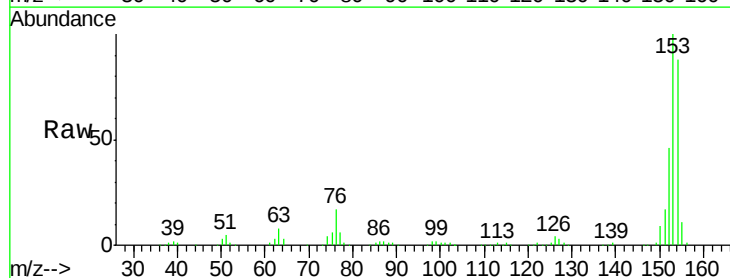
Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:165 Resp: 84822
Ion Ratio Lower Upper
165 100
63 56.1 47.0 70.6
89 52.6 45.8 68.8



#52
Acenaphthene
Concen: 39.010 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:154 Resp: 274809
Ion Ratio Lower Upper
154 100
153 113.1 90.1 135.1
152 51.8 40.9 61.3

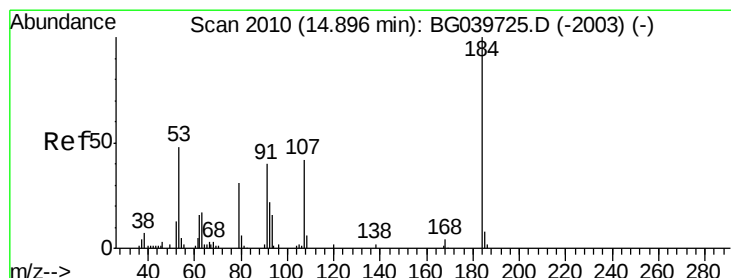
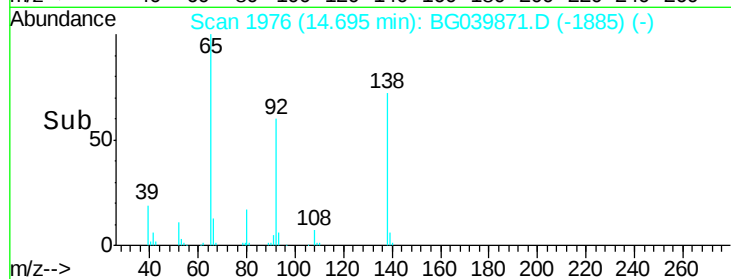
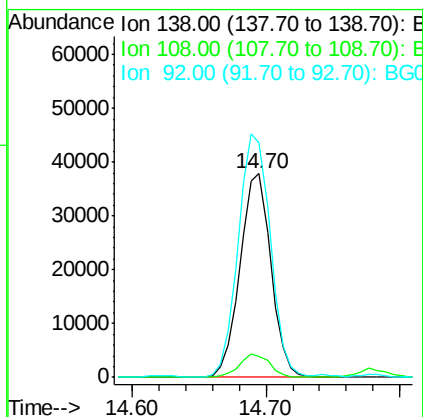
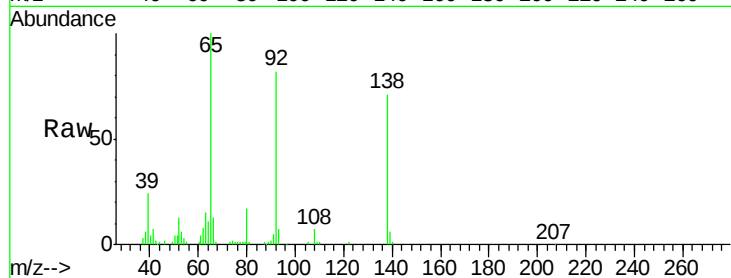




#53
3-Nitroaniline
Concen: 29.381 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

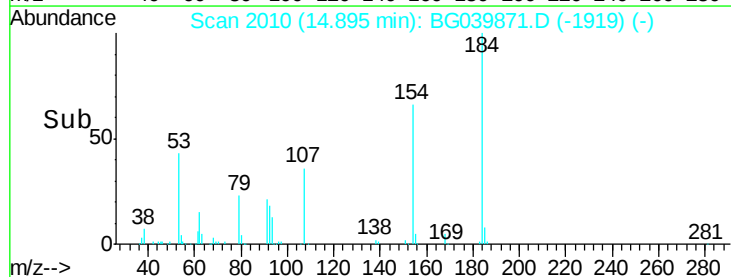
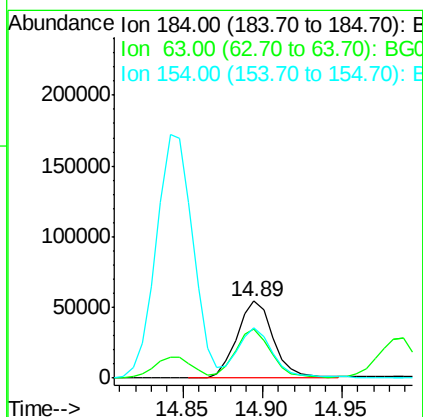
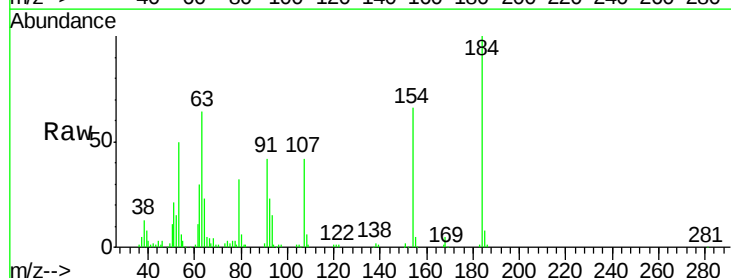
Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:138 Resp: 60328
Ion Ratio Lower Upper
138 100
108 10.2 13.8 20.8#
92 115.5 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 68.344 ng
RT: 14.89 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:184 Resp: 86983
Ion Ratio Lower Upper
184 100
63 64.1 50.9 76.3
154 66.3 53.0 79.6





#55

Dibenzenofuran

Concen: 39.512 ng

RT: 15.18 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

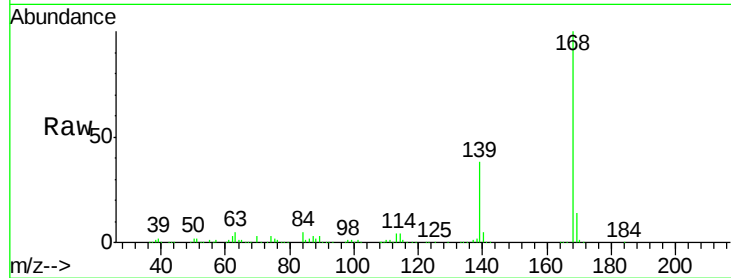
Tgt Ion:168 Resp: 456677

Ion Ratio Lower Upper

168 100

139 38.0 30.1 45.1

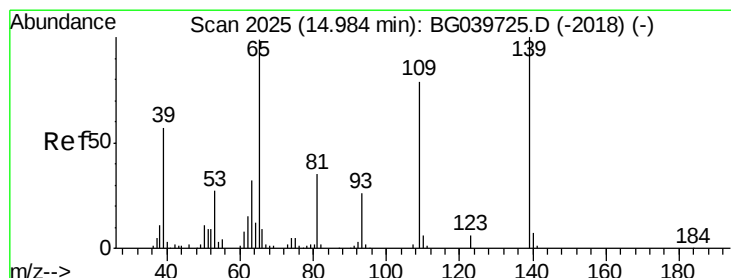
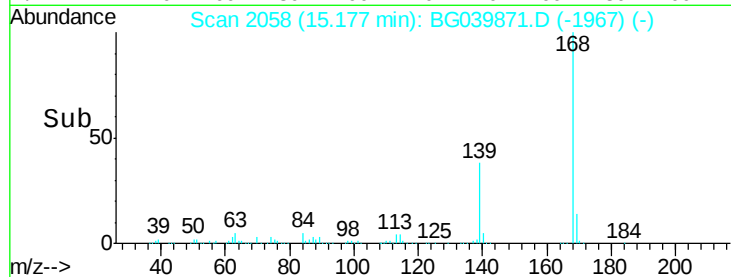
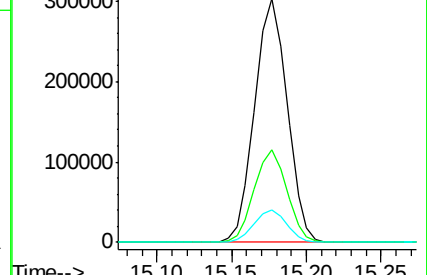
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.350 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

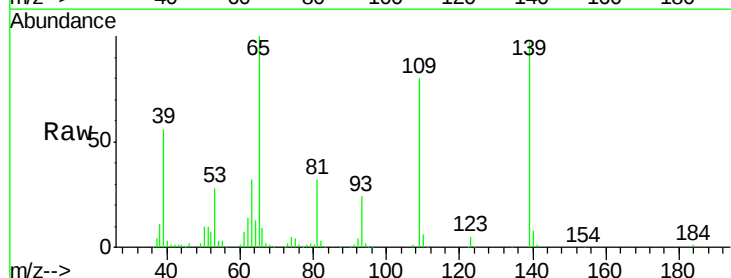
Tgt Ion:139 Resp: 149425

Ion Ratio Lower Upper

139 100

109 83.3 61.9 101.9

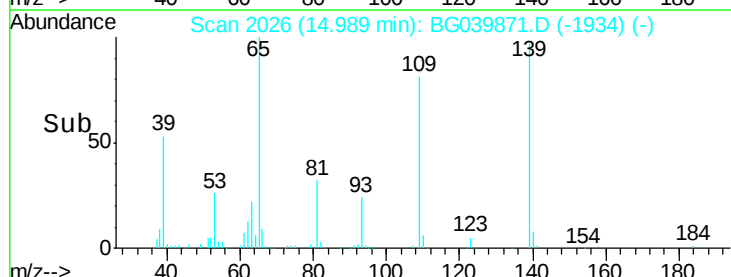
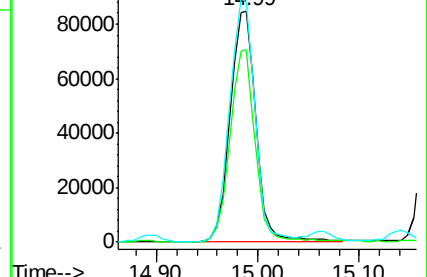
65 103.4 99.1 139.1

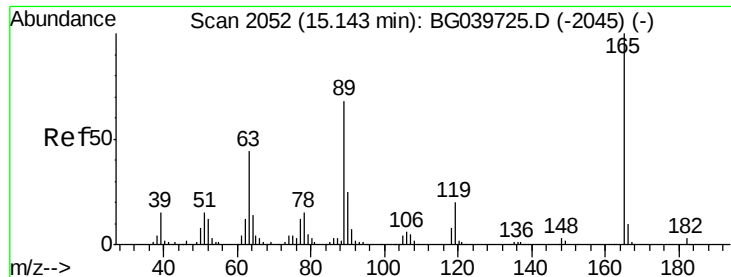


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

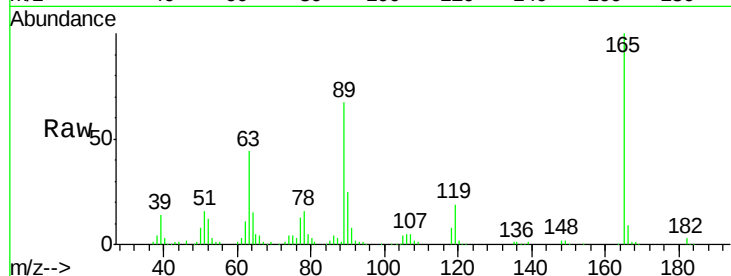




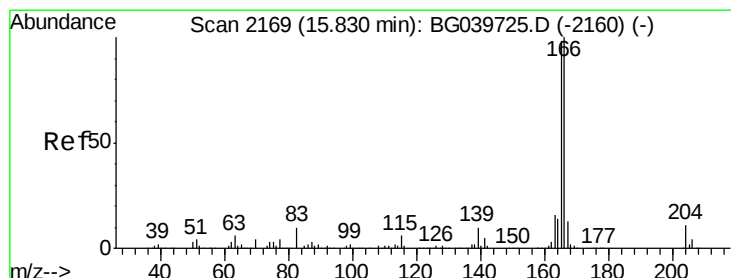
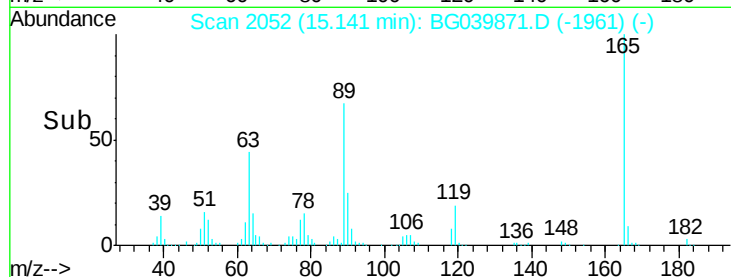
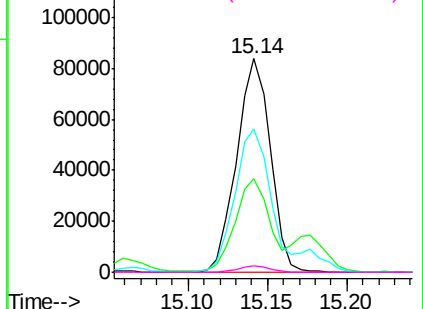
#57
2,4-Dinitrotoluene
Concen: 42.996 ng
RT: 15.14 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:	165	Resp:	123405
Ion	Ratio	Lower	Upper
165	100		
63	43.8	41.0	61.6
89	66.9	64.6	96.8
182	2.8	2.0	3.0

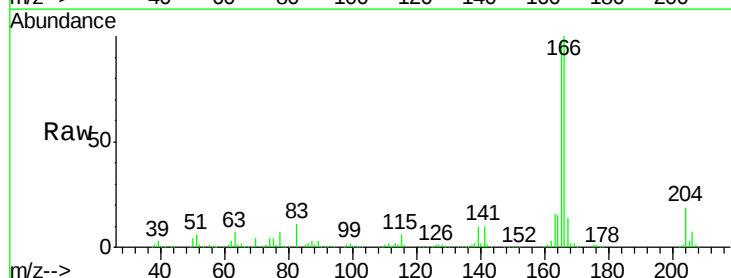


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

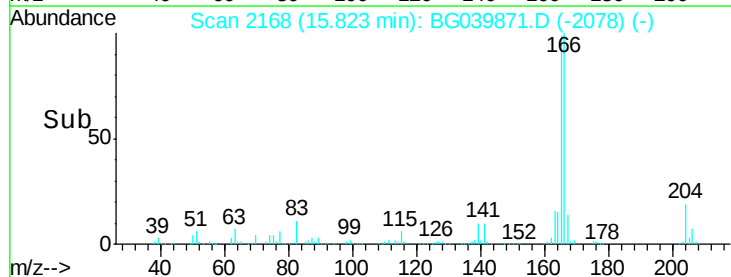
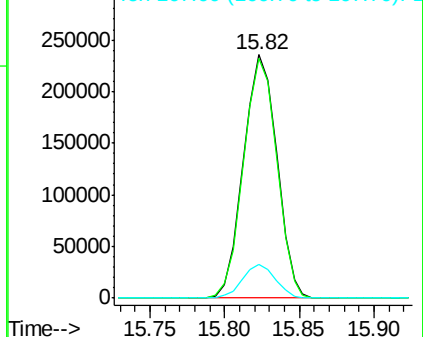


#58
Fluorene
Concen: 40.238 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:	166	Resp:	365605
Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	13.9	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

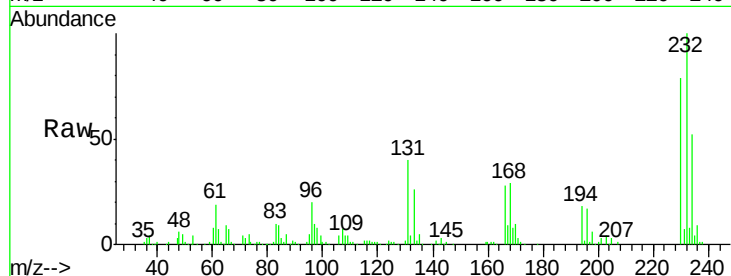




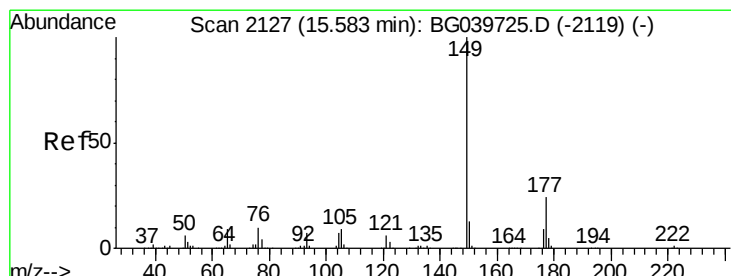
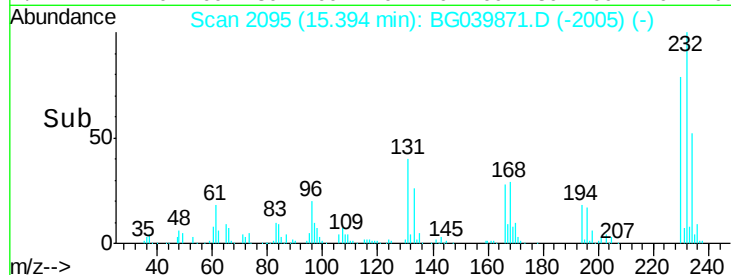
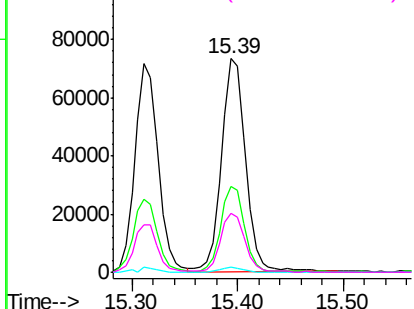
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.038 ng
RT: 15.39 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampled :
PB117825BS

Tgt Ion:232 Resp: 115826
Ion Ratio Lower Upper
232 100
131 40.8 34.9 52.3
130 2.0 2.0 3.0
166 28.5 24.1 36.1

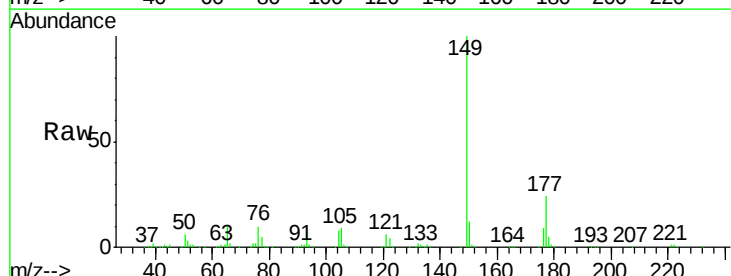


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

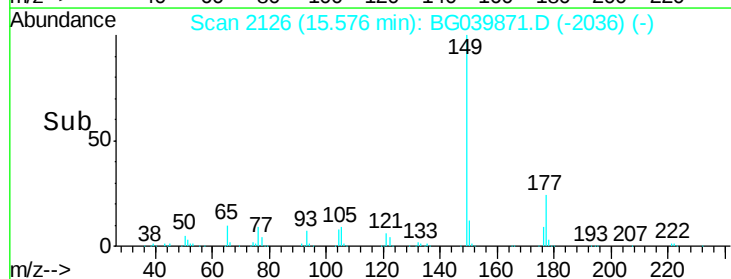
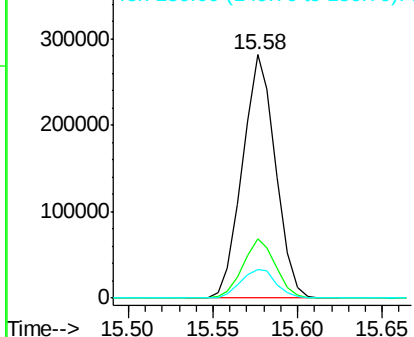


#60
Diethylphthalate
Concen: 40.270 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:149 Resp: 384105
Ion Ratio Lower Upper
149 100
177 24.5 18.3 27.5
150 12.0 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

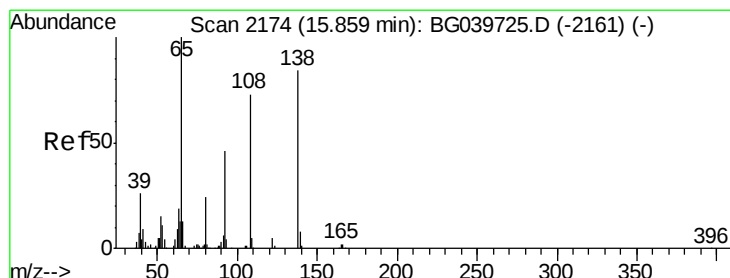
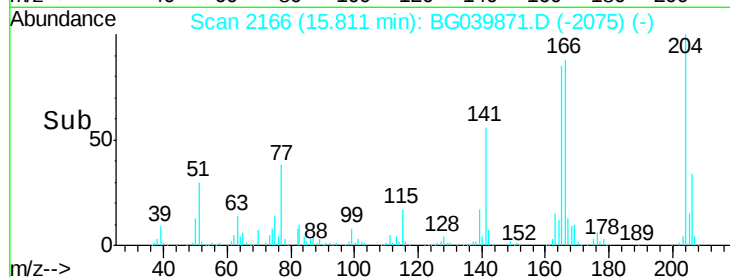
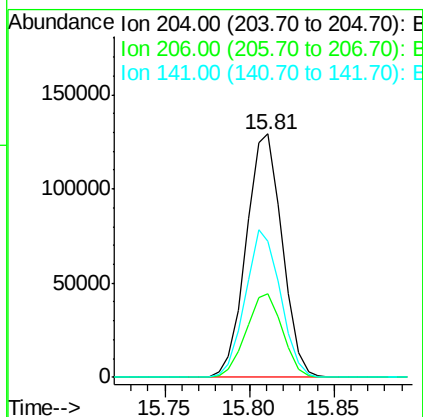
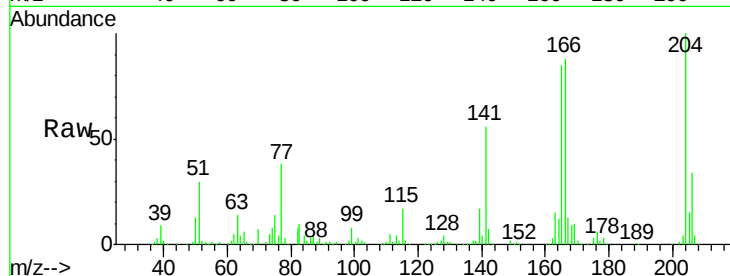




#61
 4-Chlorophenyl-phenylether
 Concen: 39.324 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

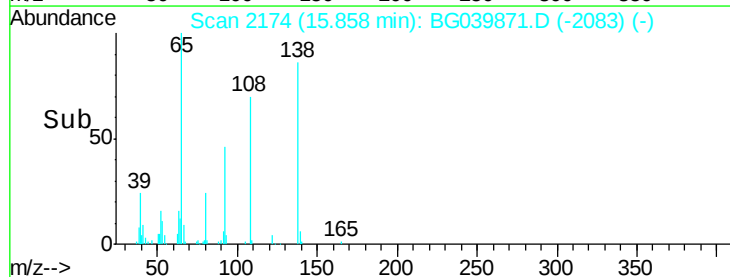
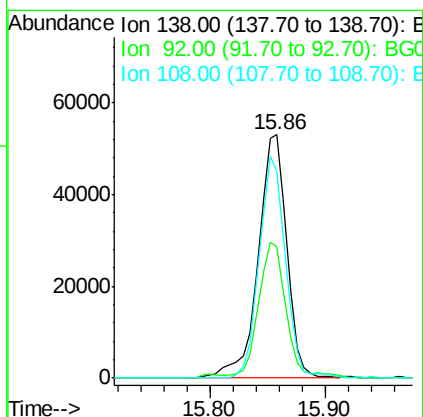
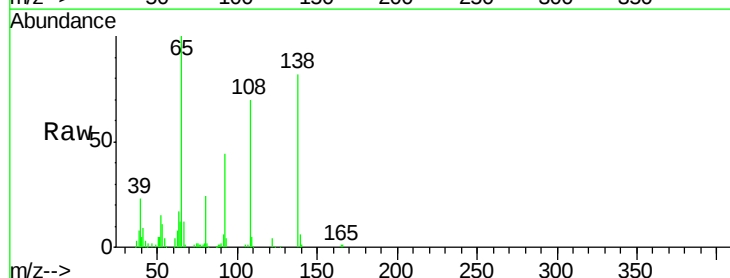
Instrument :
 BNA_G
 ClientSampleId :
 PB117825BS

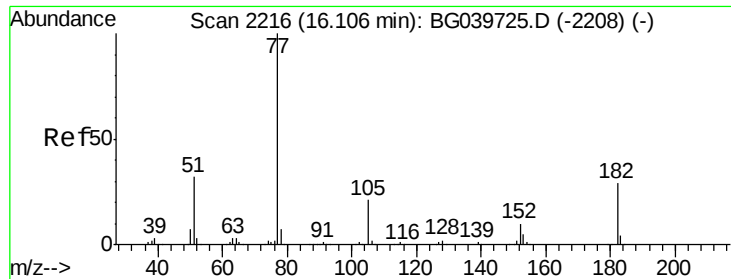
Tgt Ion: 204 Resp: 190664
 Ion Ratio Lower Upper
 204 100
 206 34.2 29.2 43.8
 141 56.0 49.0 73.4



#62
 4-Nitroaniline
 Concen: 41.427 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BG039871.D
 Acq: 12 Mar 2019 12:57

Tgt Ion: 138 Resp: 92216
 Ion Ratio Lower Upper
 138 100
 92 54.0 38.7 78.7
 108 84.7 74.6 114.6

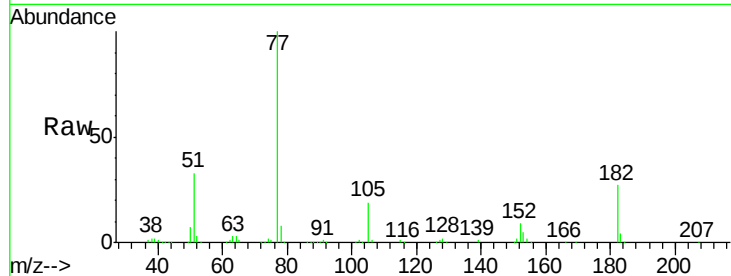




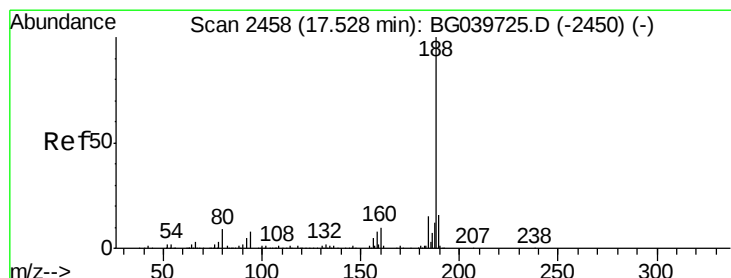
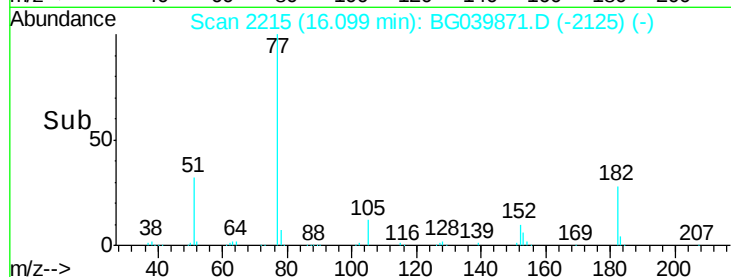
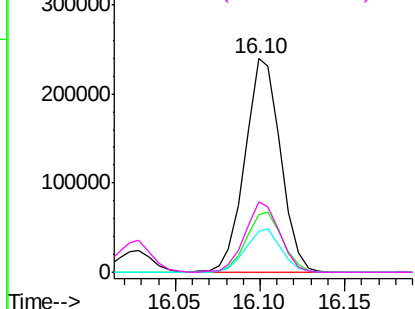
#63
Azobenzene
Concen: 40.392 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:	77	Resp:	349241
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.4	46.4
105	19.3	0.0	39.8
51	32.7	14.1	54.1

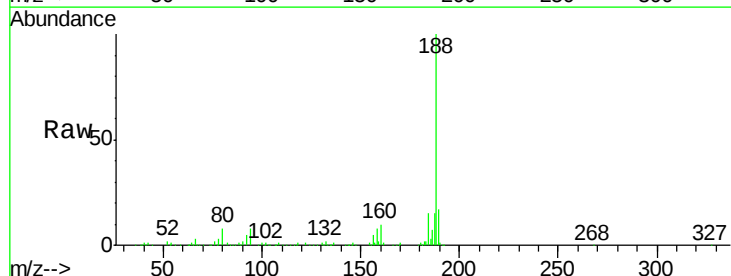


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

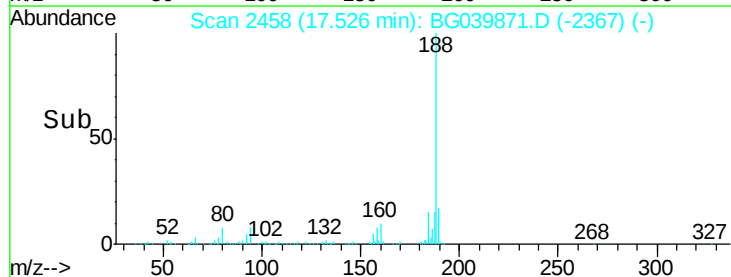
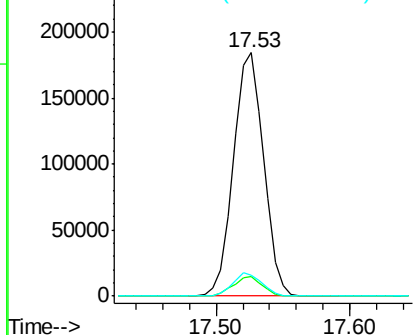


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:	188	Resp:	289440
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.4	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: 39.887 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

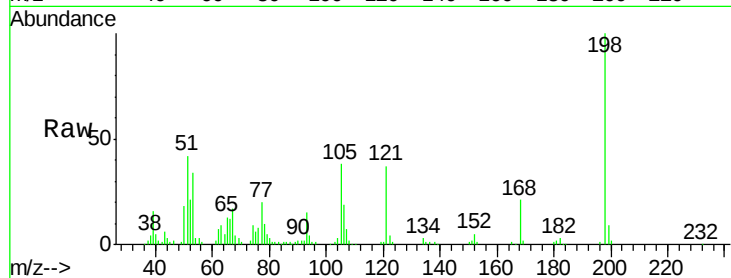
Tgt Ion:198 Resp: 68262

Ion Ratio Lower Upper

198 100

51 42.5 27.4 67.4

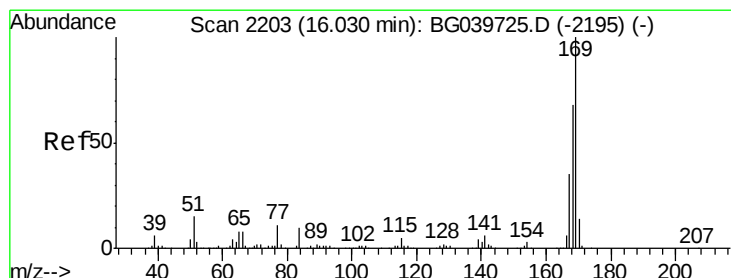
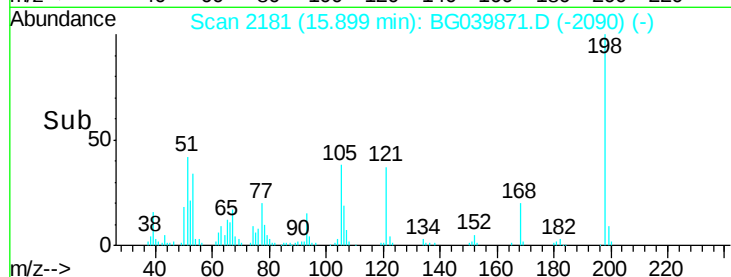
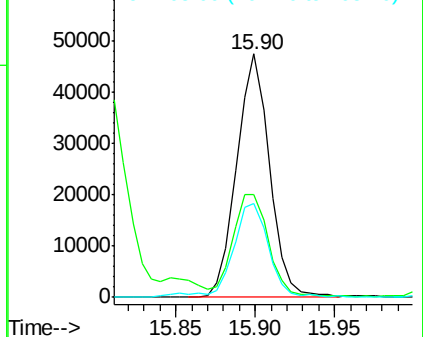
105 38.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.195 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

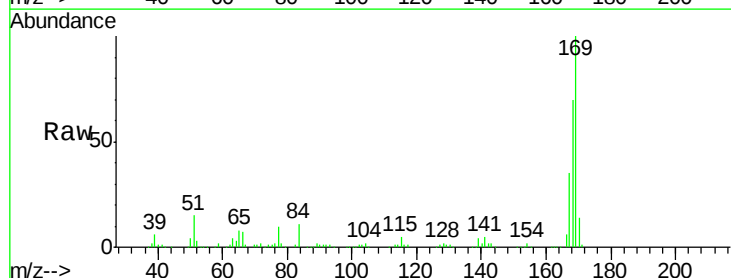
Tgt Ion:169 Resp: 336810

Ion Ratio Lower Upper

169 100

168 70.4 56.6 85.0

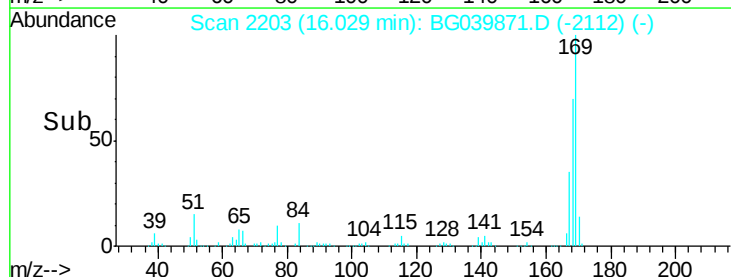
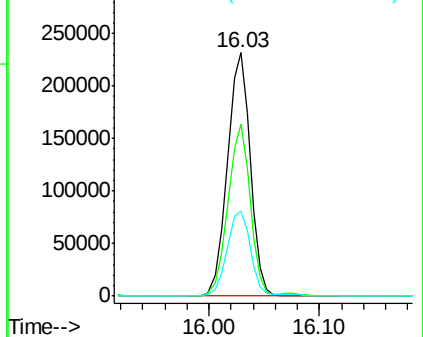
167 34.8 28.8 43.2

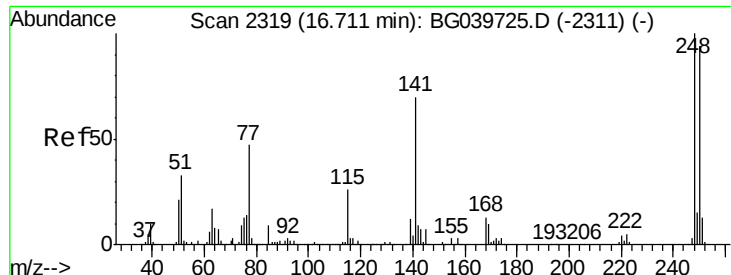


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

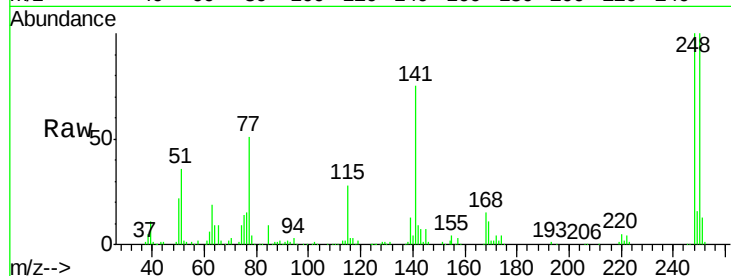




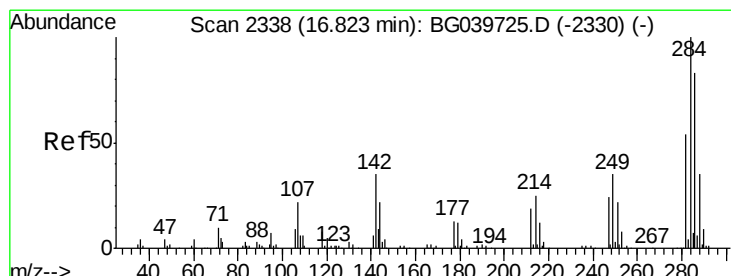
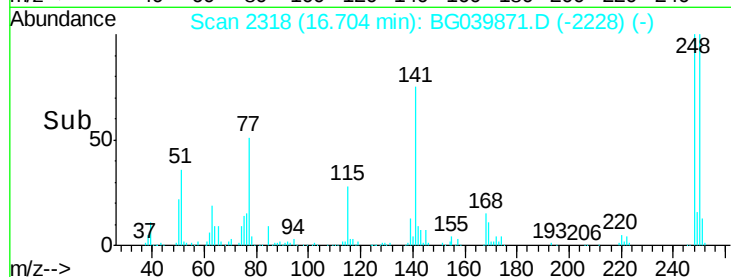
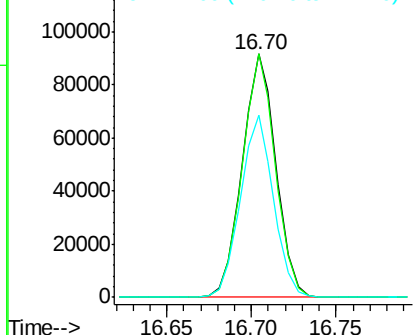
#67
4-Bromophenyl-phenylether
Concen: 39.071 ng
RT: 16.70 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion:248 Resp: 126583
Ion Ratio Lower Upper
248 100
250 100.1 77.6 116.4
141 75.0 63.9 95.9

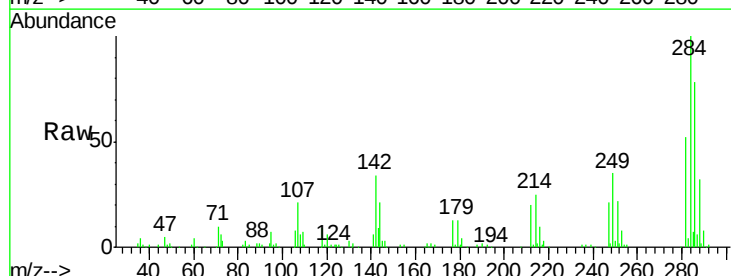


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

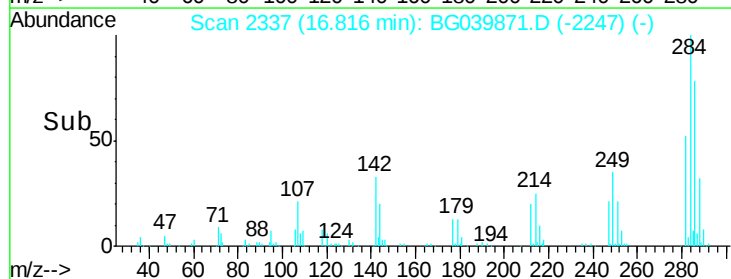
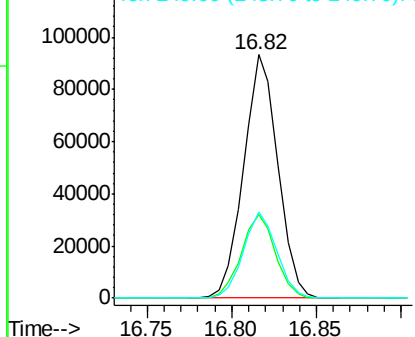


#68
Hexachlorobenzene
Concen: 39.200 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:284 Resp: 131643
Ion Ratio Lower Upper
284 100
142 34.3 30.6 45.8
249 35.5 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: 41.215 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

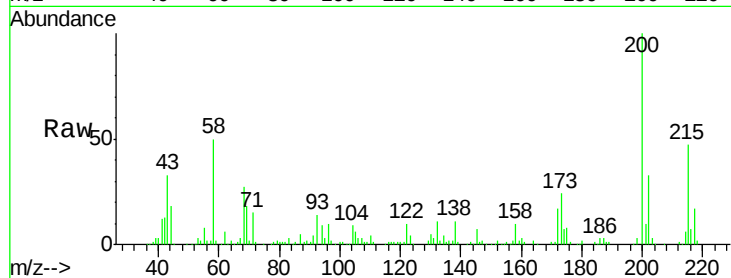
Tgt Ion:200 Resp: 135920

Ion Ratio Lower Upper

200 100

173 24.3 3.9 43.9

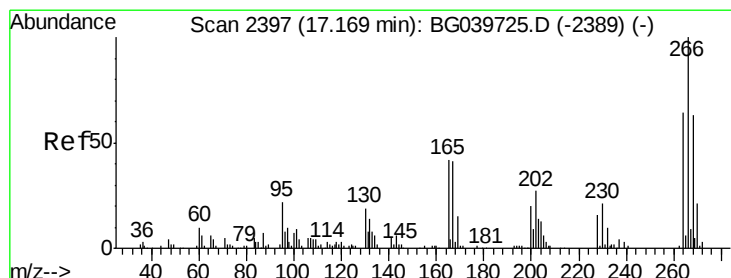
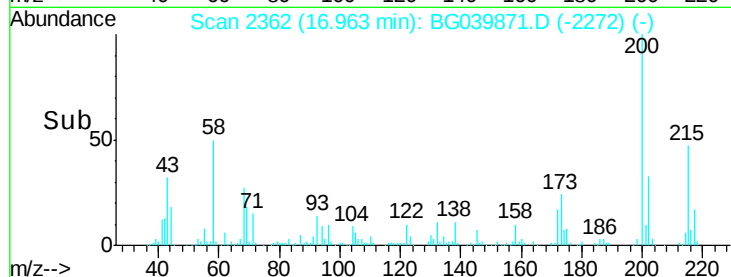
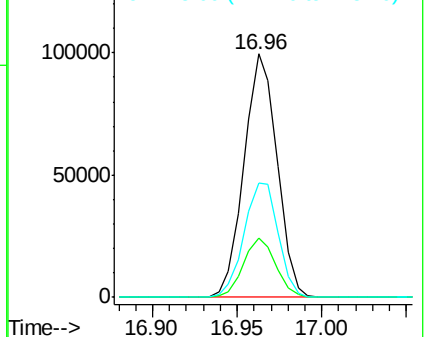
215 46.8 30.9 70.9



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: 76.855 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

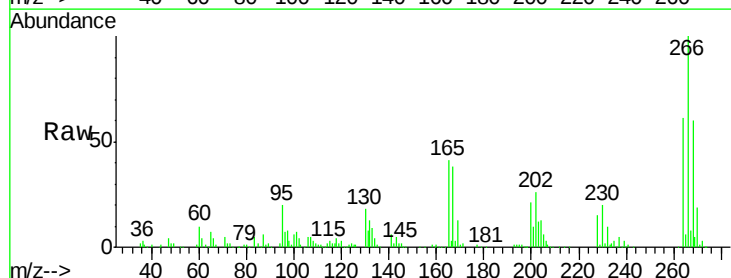
Tgt Ion:266 Resp: 163003

Ion Ratio Lower Upper

266 100

268 60.0 51.1 76.7

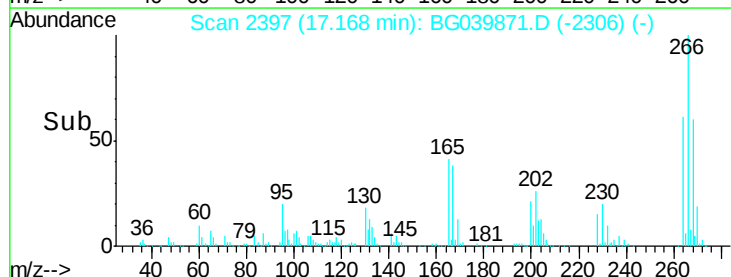
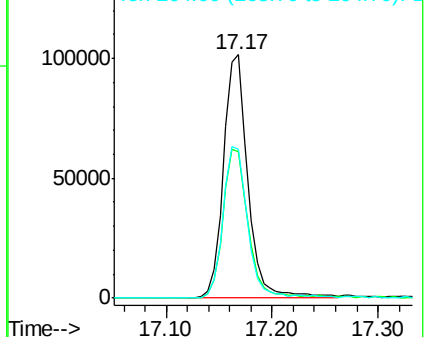
264 61.2 52.1 78.1

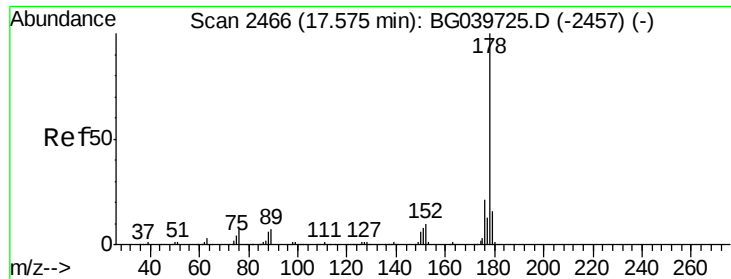


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.197 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

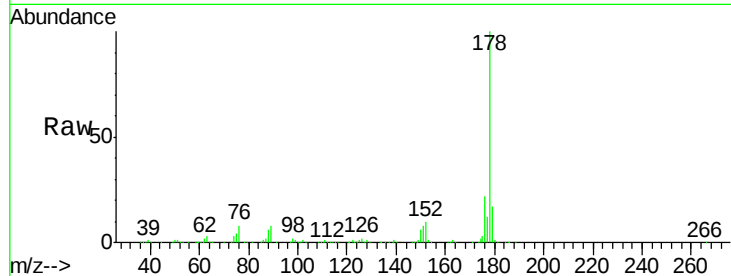
Tgt Ion:178 Resp: 624912

Ion Ratio Lower Upper

178 100

176 21.5 16.2 24.4

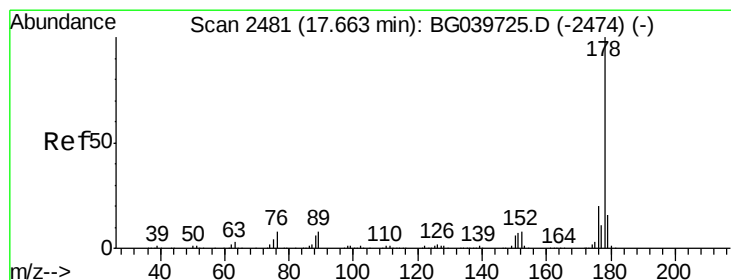
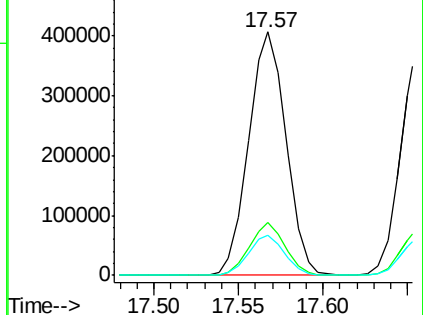
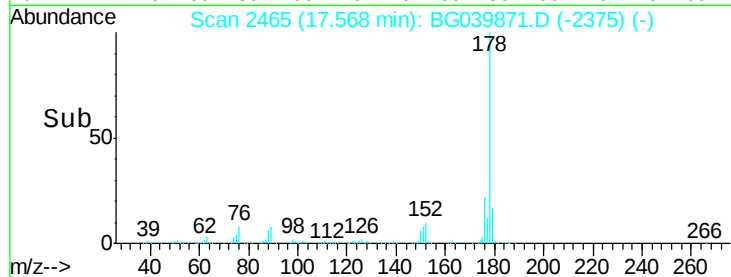
179 16.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.979 ng

RT: 17.66 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

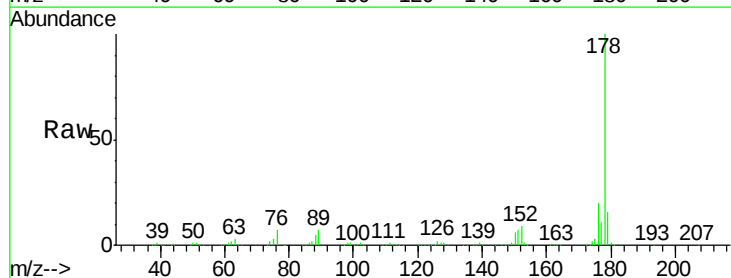
Tgt Ion:178 Resp: 636645

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

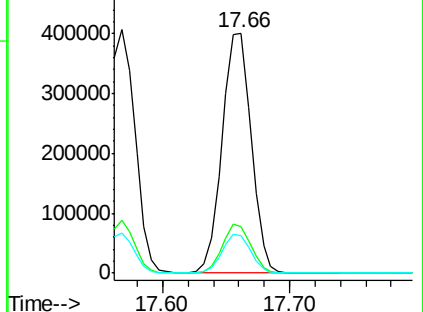
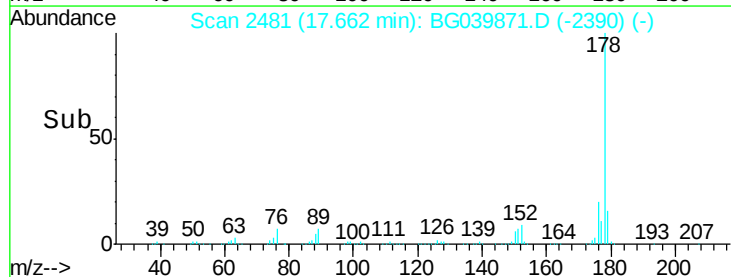
179 15.6 12.5 18.7

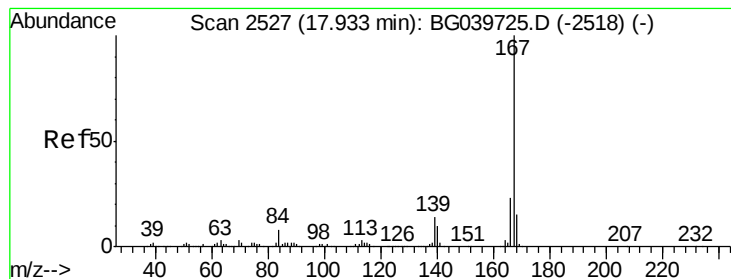


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.580 ng

RT: 17.93 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

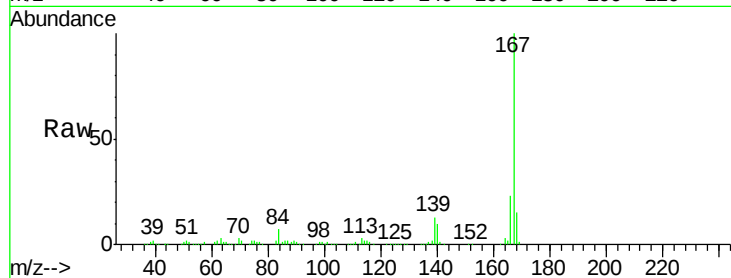
Tgt Ion:167 Resp: 568354

Ion Ratio Lower Upper

167 100

166 23.2 19.4 29.2

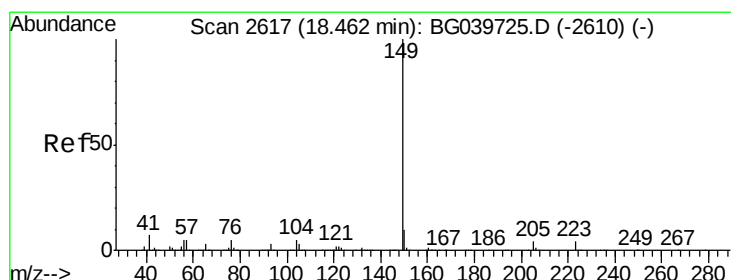
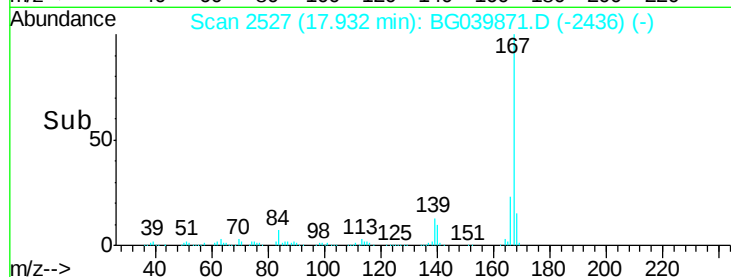
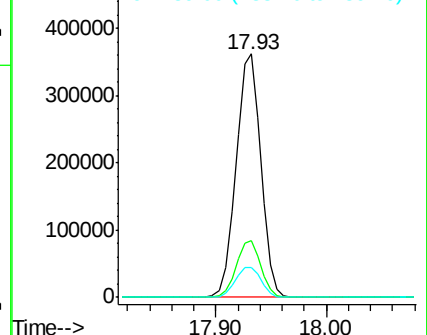
139 12.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.608 ng

RT: 18.46 min Scan# 2617

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

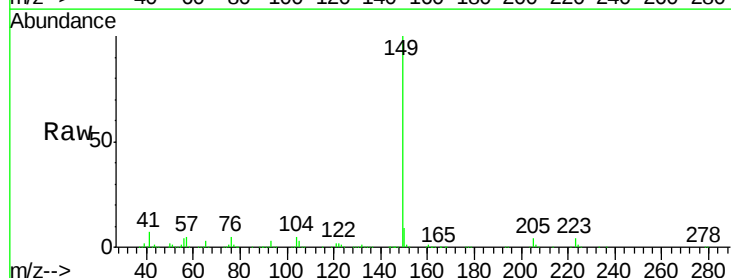
Tgt Ion:149 Resp: 685659

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

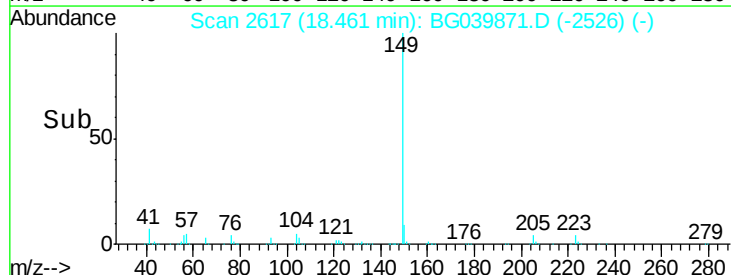
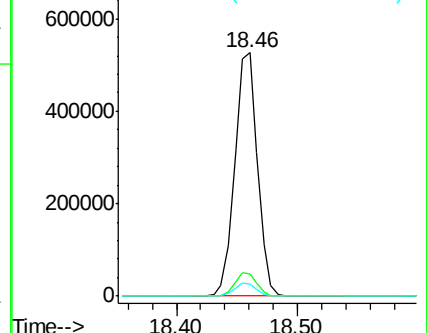
104 5.0 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.585 ng

RT: 19.56 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

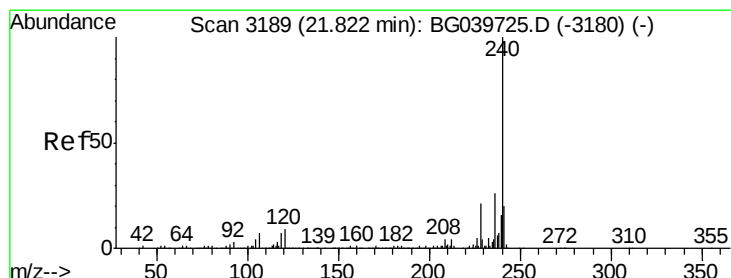
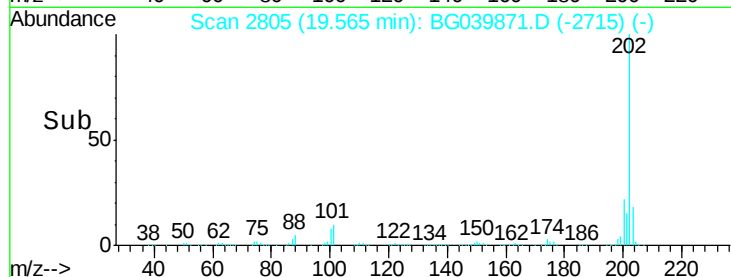
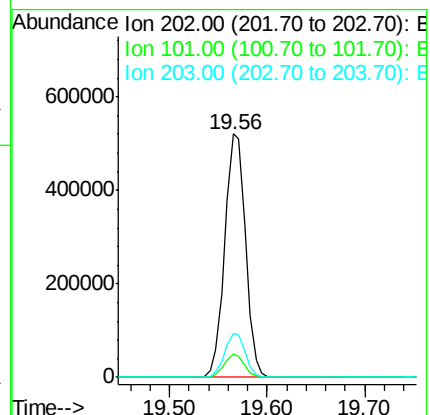
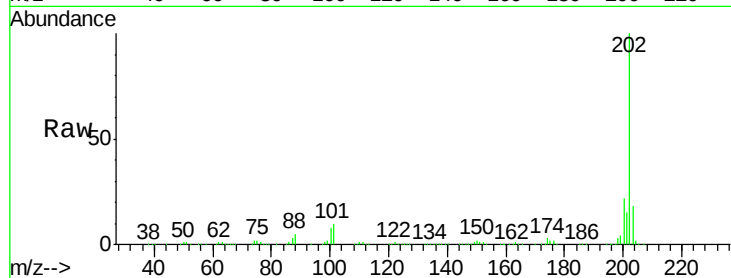
Tgt Ion: 202 Resp: 764673

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

203 18.3 0.0 38.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3188

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

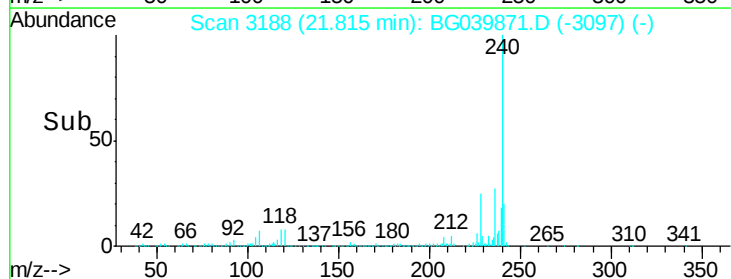
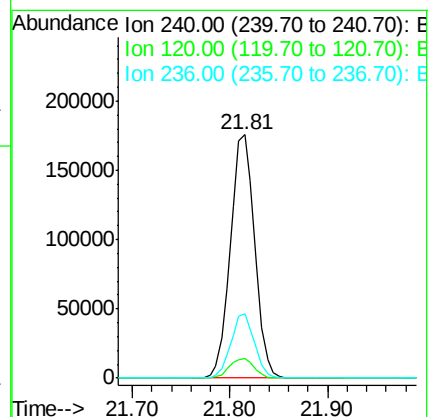
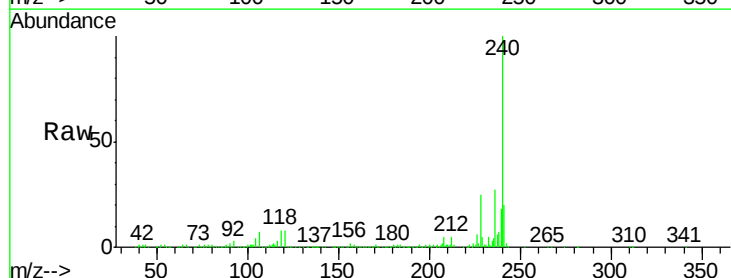
Tgt Ion: 240 Resp: 302589

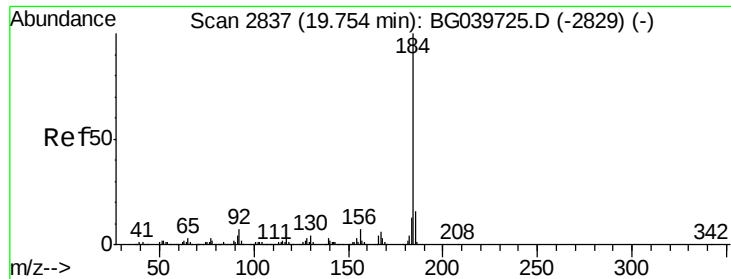
Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

236 26.5 21.0 31.4

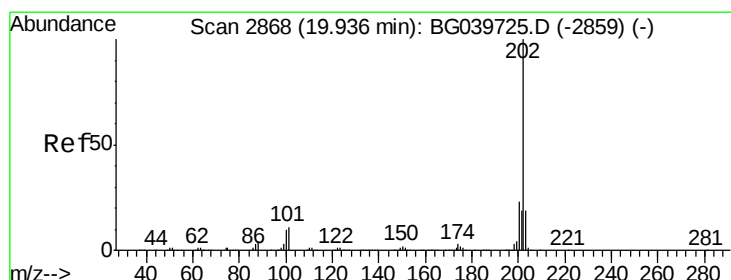
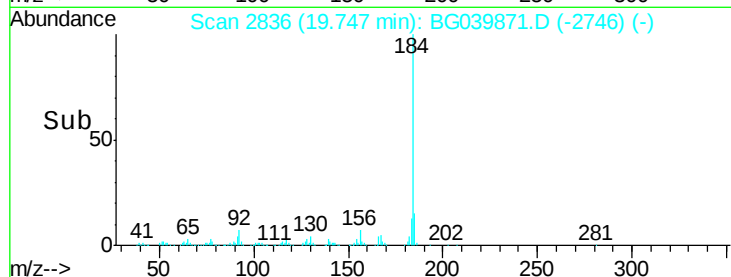
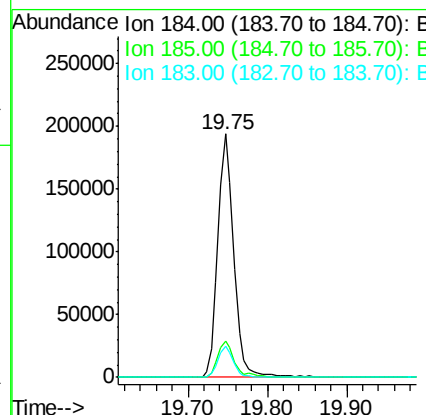
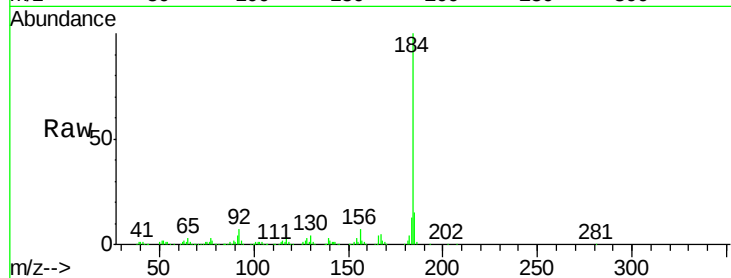




#77
Benzidine
Concen: 28.463 ng
RT: 19.75 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

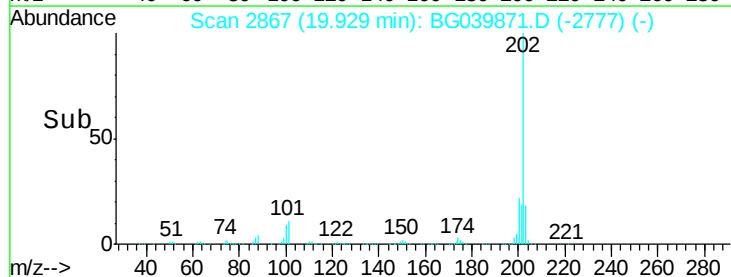
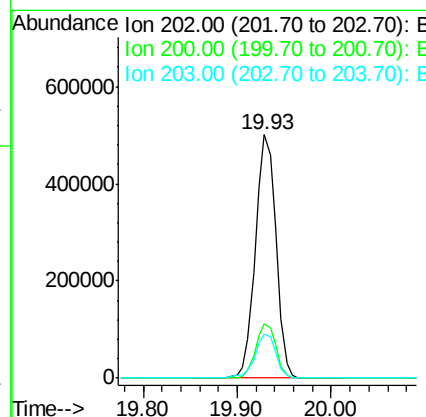
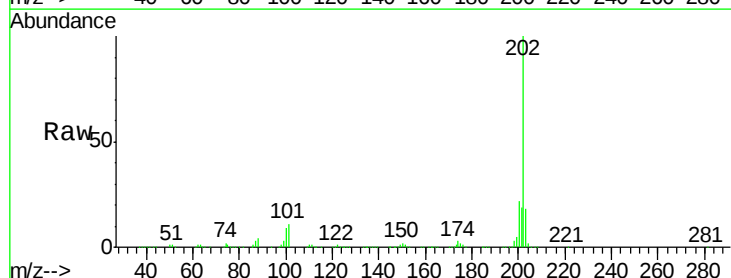
Instrument :
BNA_G
ClientSampleId :
PB117825BS

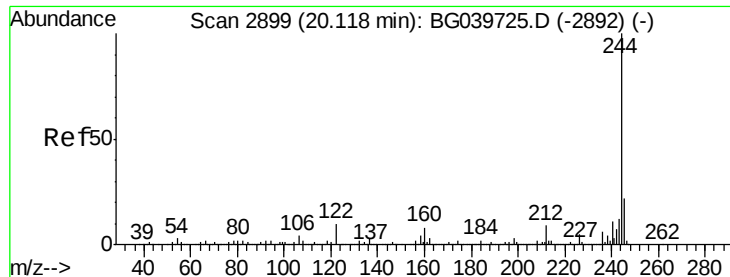
Tgt Ion:184 Resp: 273307
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 13.0 10.6 15.8



#78
Pyrene
Concen: 38.717 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:202 Resp: 761264
Ion Ratio Lower Upper
202 100
200 22.3 17.8 26.8
203 18.1 15.3 22.9





#79

Terphenyl-d14

Concen: 75.137 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

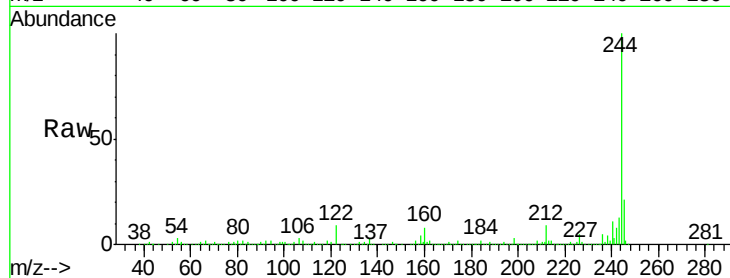
Tgt Ion:244 Resp: 1032597

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

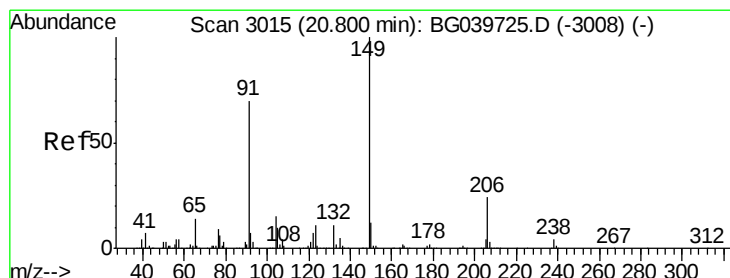
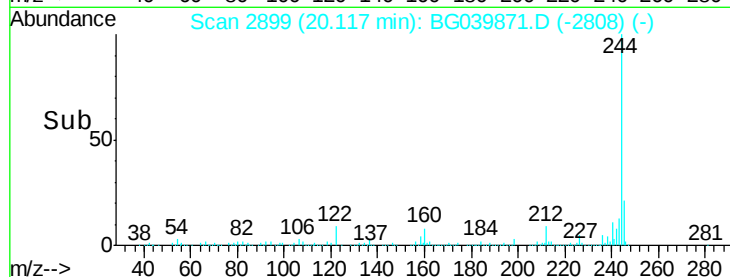
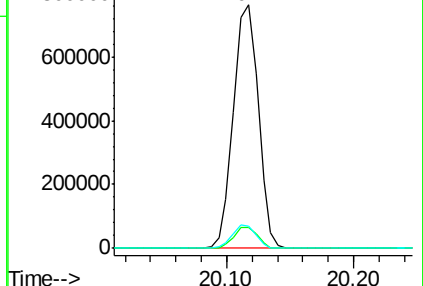
122 9.3 8.4 12.6



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: 42.250 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

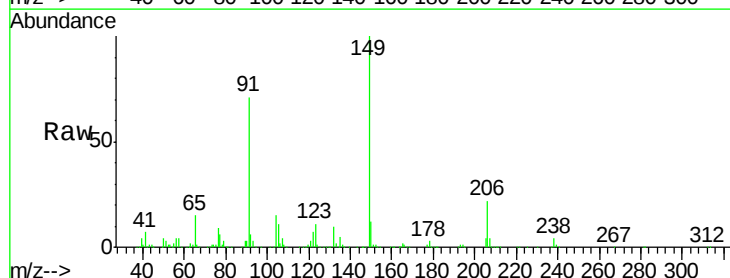
Tgt Ion:149 Resp: 321852

Ion Ratio Lower Upper

149 100

91 71.4 59.5 89.3

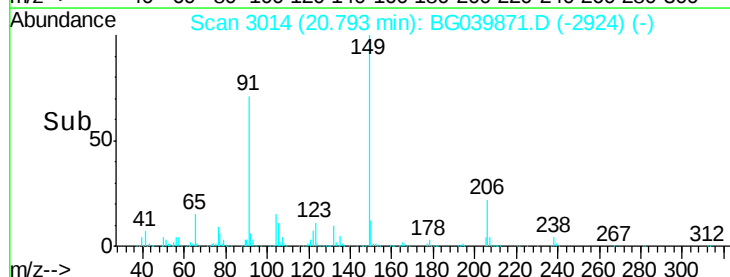
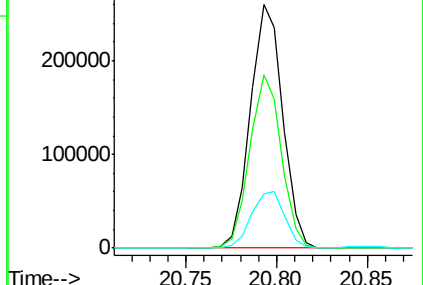
206 22.3 18.6 27.8

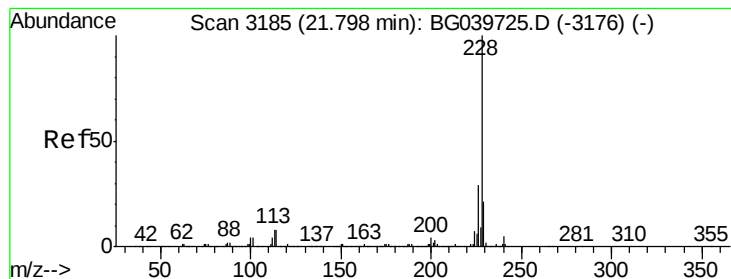


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.459 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

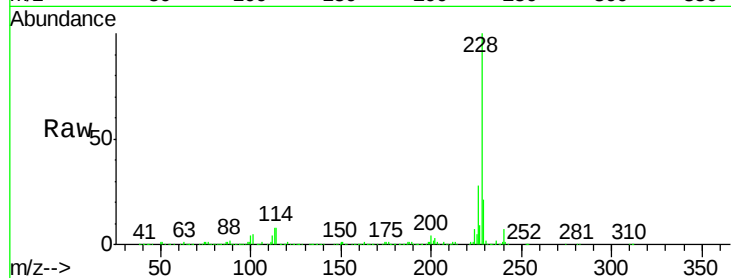
Tgt Ion:228 Resp: 729339

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

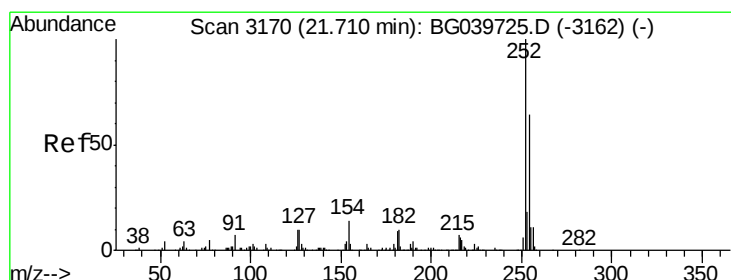
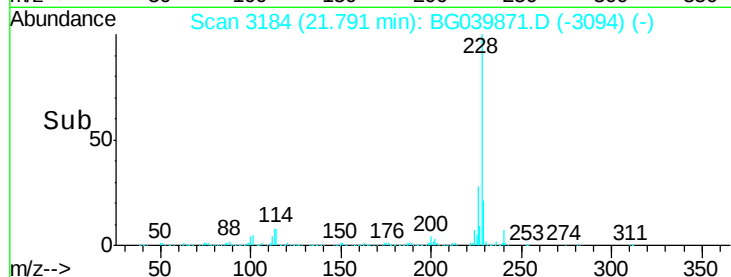
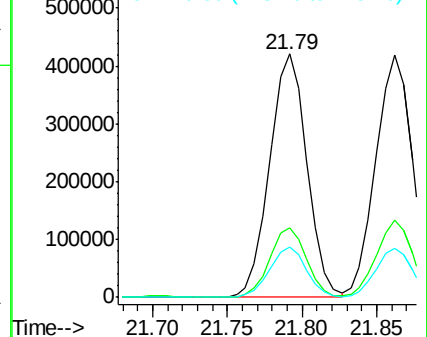
229 20.8 16.9 25.3



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: 27.185 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

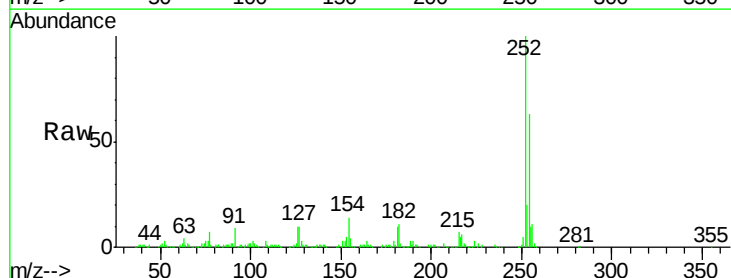
Tgt Ion:252 Resp: 188222

Ion Ratio Lower Upper

252 100

254 62.7 51.3 76.9

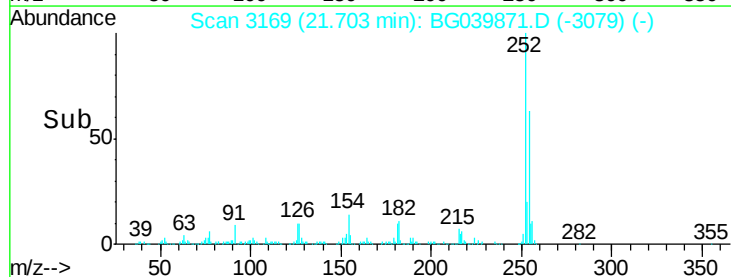
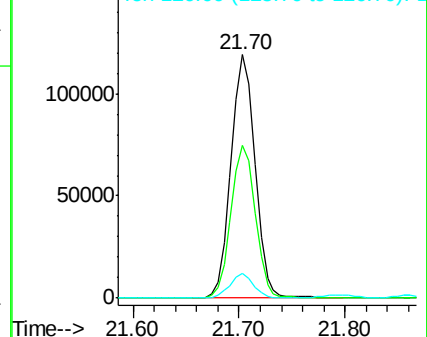
126 10.0 8.0 12.0

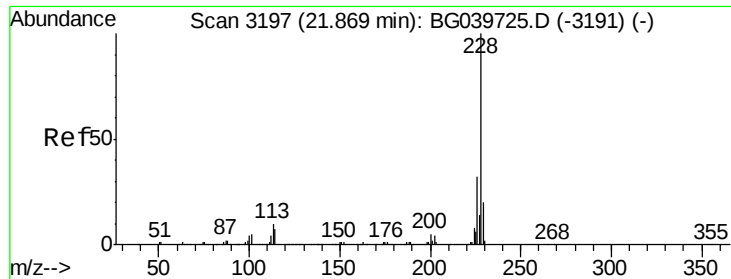


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.569 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

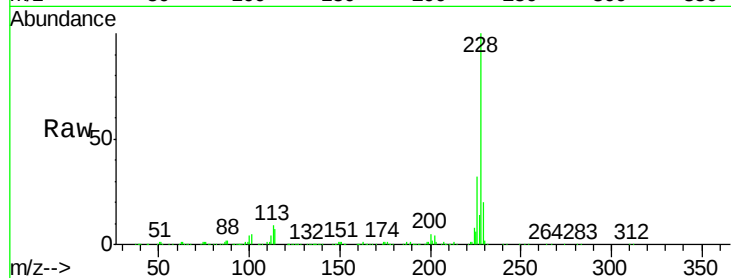
Tgt Ion:228 Resp: 709096

Ion Ratio Lower Upper

228 100

226 31.7 25.8 38.6

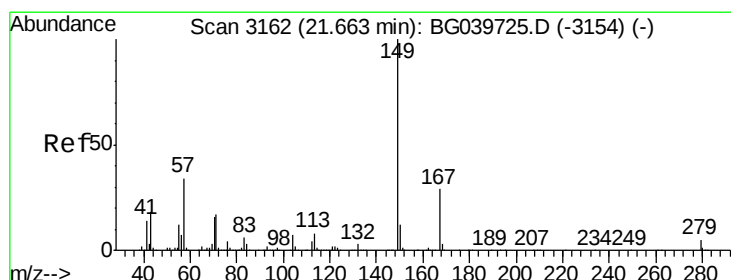
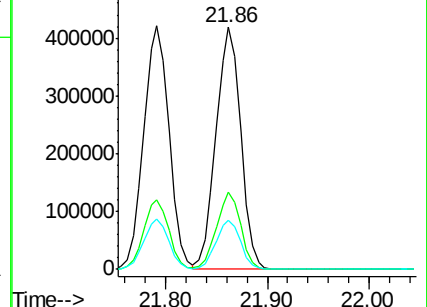
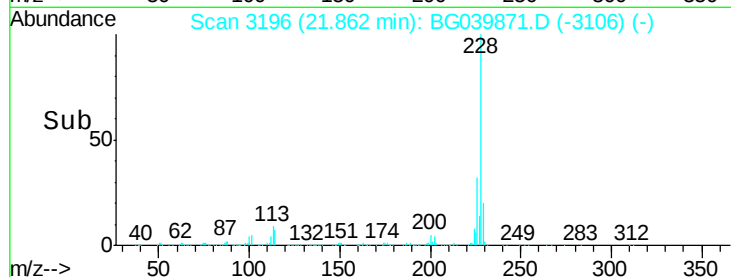
229 20.5 16.6 25.0



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: 41.540 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

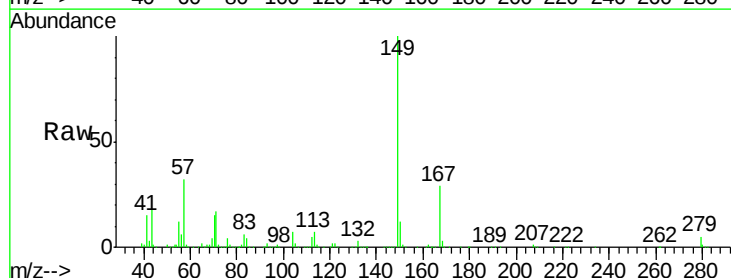
Tgt Ion:149 Resp: 444677

Ion Ratio Lower Upper

149 100

167 28.5 22.6 34.0

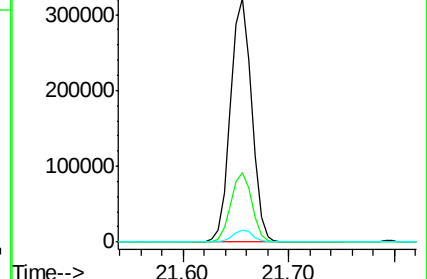
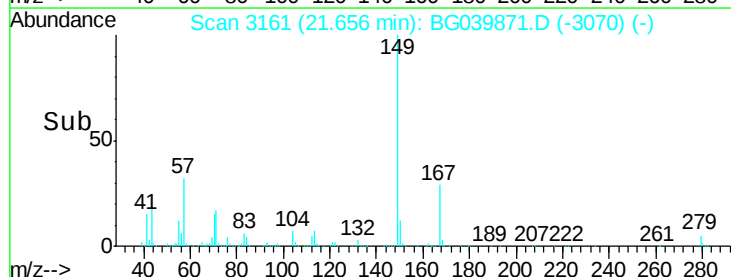
279 4.8 3.5 5.3



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

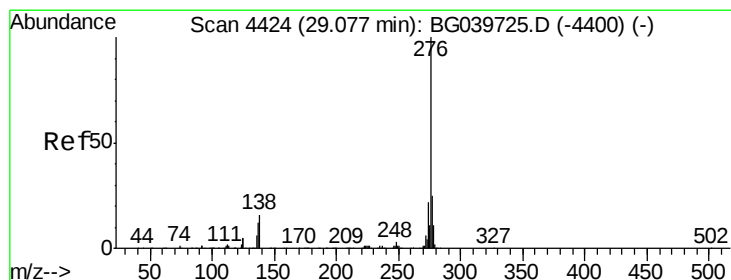
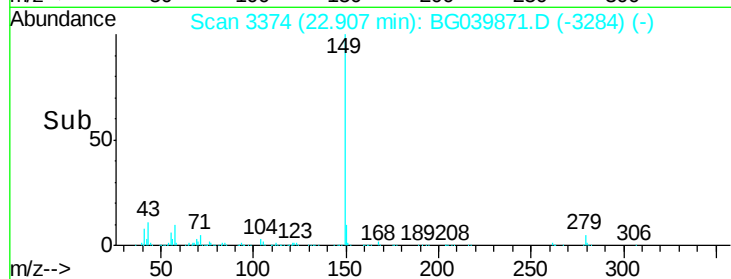
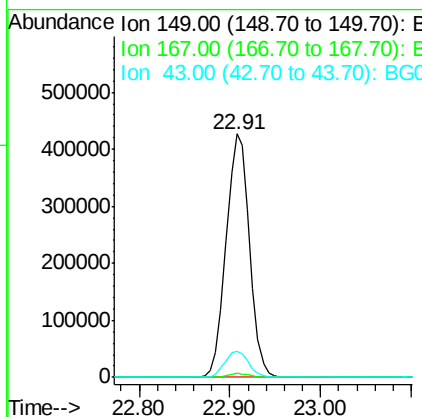
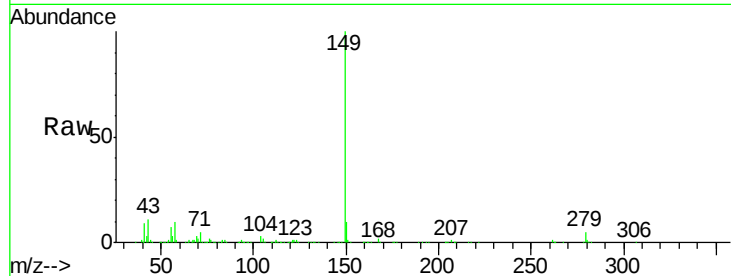




#85
Di-n-octyl phthalate
Concen: 42.946 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

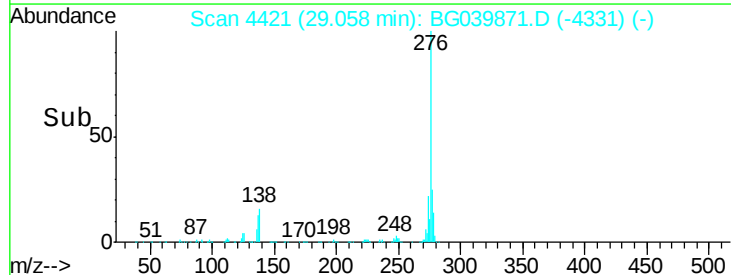
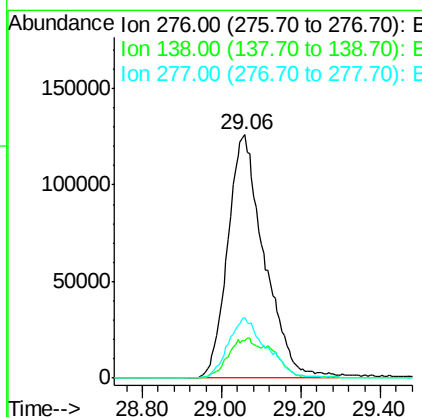
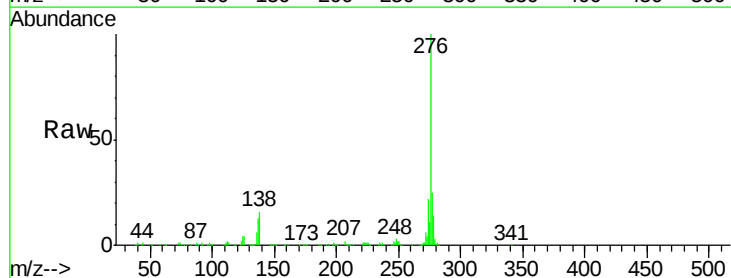
Instrument :
BNA_G
ClientSampleId :
PB117825BS

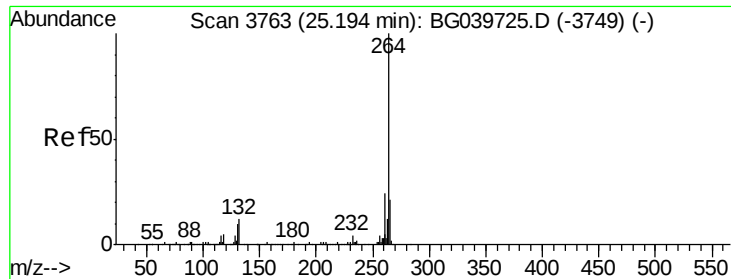
Tgt Ion:149 Resp: 761203
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.795 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:276 Resp: 809149
Ion Ratio Lower Upper
276 100
138 13.2 12.6 19.0
277 25.4 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

Instrument :

BNA_G

ClientSampleId :

PB117825BS

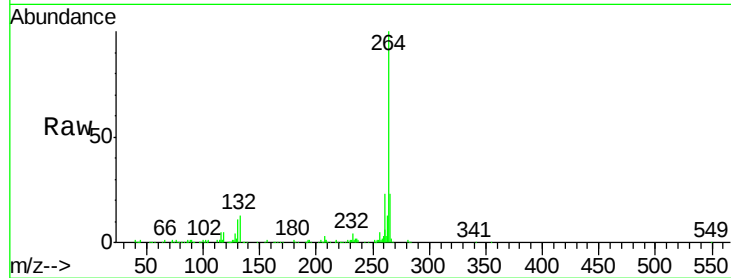
Tgt Ion:264 Resp: 286200

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

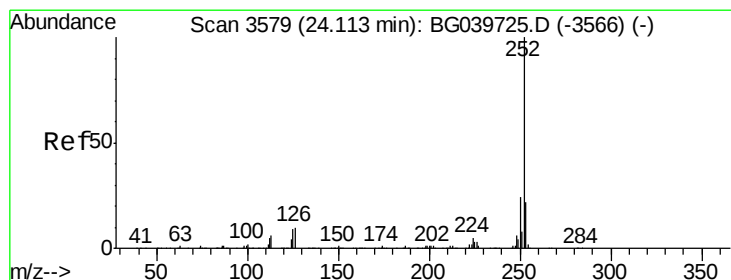
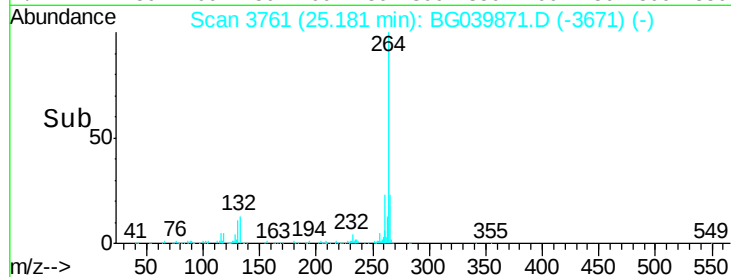
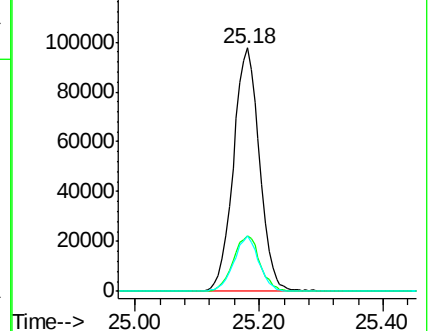
265 22.9 18.5 27.7



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: 42.554 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.00 min

Lab File: BG039871.D

Acq: 12 Mar 2019 12:57

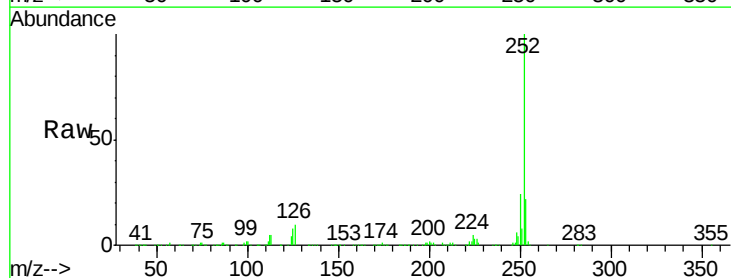
Tgt Ion:252 Resp: 726262

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

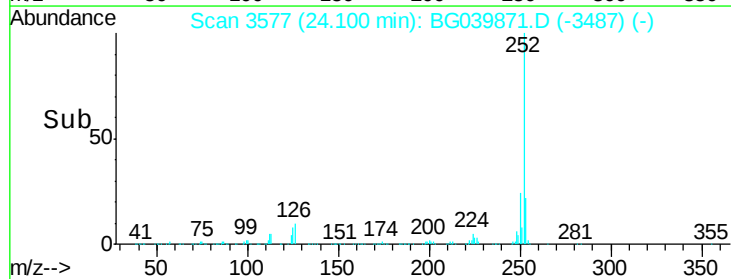
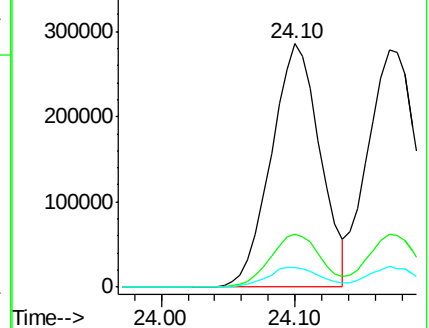
125 8.1 7.8 11.6

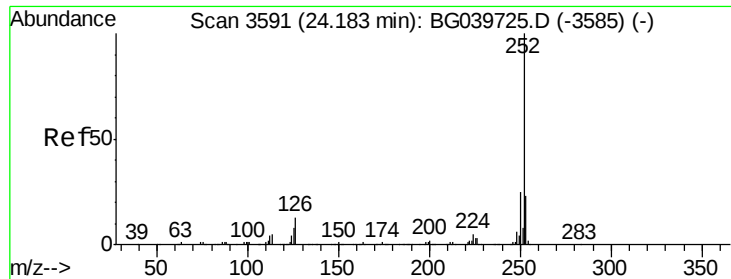


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

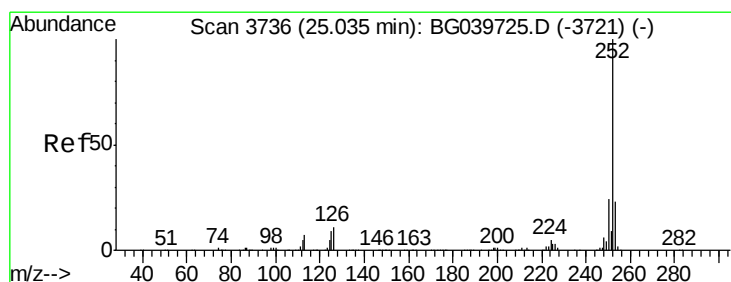
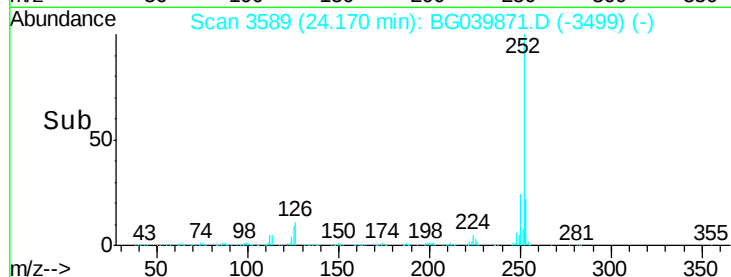
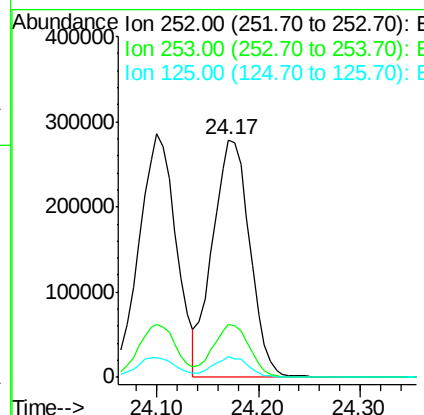
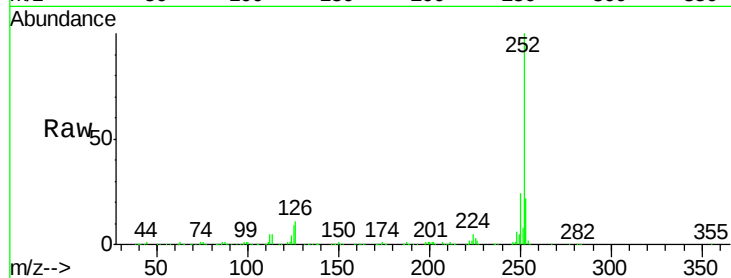




#89
Benzo(k)fluoranthene
Concen: 44.581 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

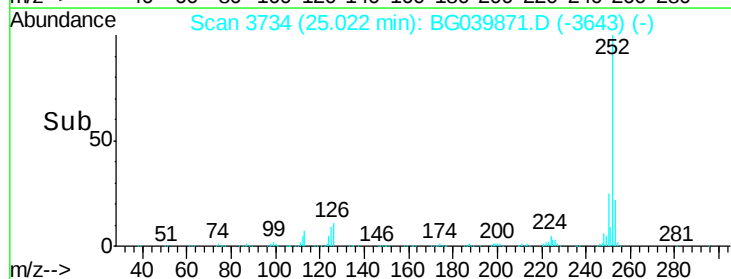
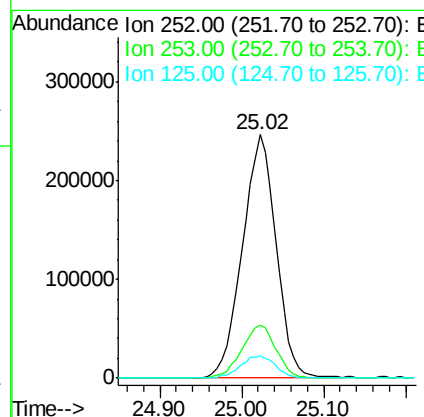
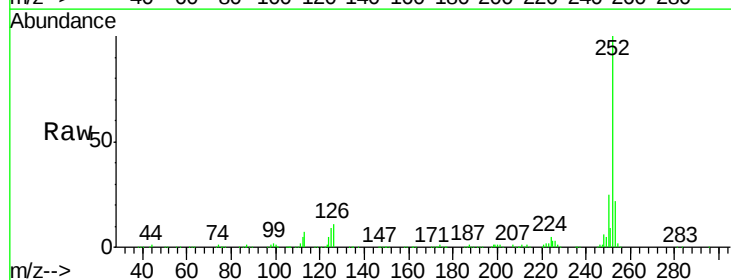
Instrument :
BNA_G
ClientSampleId :
PB117825BS

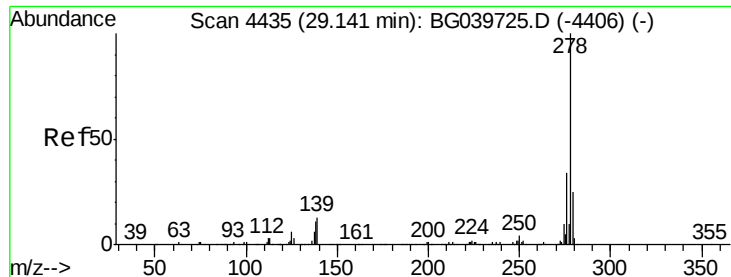
Tgt Ion:252 Resp: 708230
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.665 ng
RT: 25.02 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion:252 Resp: 704391
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.1 8.3 12.5

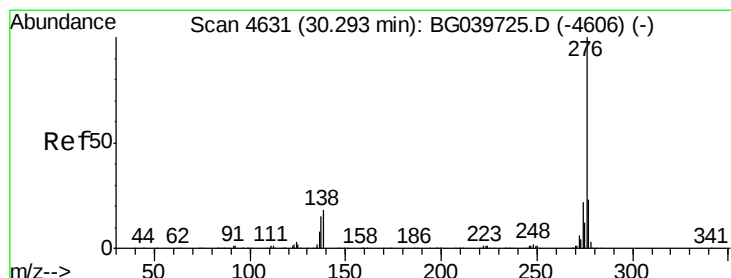
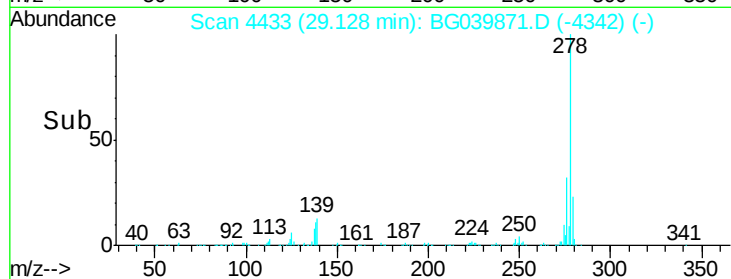
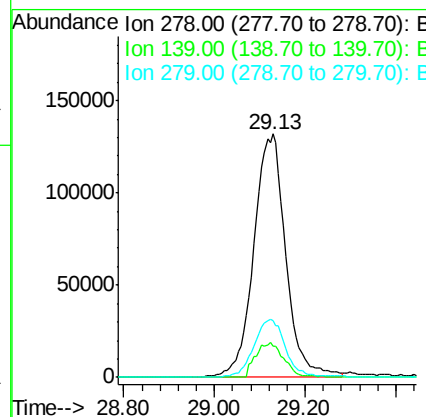
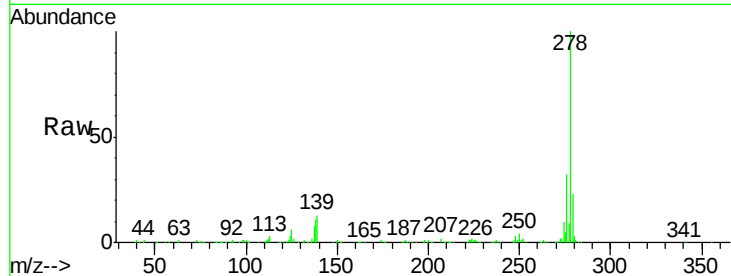




#91
Dibenzo(a,h)anthracene
Concen: 41.702 ng
RT: 29.13 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Instrument :
BNA_G
ClientSampleId :
PB117825BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.7	17.5
279	23.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 42.576 ng
RT: 30.27 min Scan# 4628
Delta R.T. -0.00 min
Lab File: BG039871.D
Acq: 12 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.6	29.4
138	17.4	14.7	22.1

