

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039926.D
 Acq On : 14 Mar 2019 15:43
 Operator : JU/SJ
 Sample : PB117907BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Quant Time: Mar 15 08:08:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36301	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	155755	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	107098	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	268586	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	281346	20.00	ng	-0.02
87) Perylene-d12	25.17	264	271316	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	299022	140.53	ng	-0.02
7) Phenol-d6	7.30	99	417986	131.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	232560	80.75	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	170604	136.67	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	578946	76.97	ng	-0.02
79) Terphenyl-d14	20.11	244	1002942	78.49	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	38234	38.920	ng	97
3) Pyridine	3.98	79	95201	36.199	ng	98
4) n-Nitrosodimethylamine	3.90	42	51116	40.970	ng	# 84
6) Aniline	7.47	93	119560	28.763	ng	99
8) 2-Chlorophenol	7.71	128	108357	41.975	ng	96
9) Benzaldehyde	7.29	77	47844	23.377	ng	93
10) Phenol	7.32	94	147022	42.775	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	104825	39.117	ng	100
12) 1,3-Dichlorobenzene	8.03	146	115949	39.714	ng	99
13) 1,4-Dichlorobenzene	8.18	146	115462	38.826	ng	97
14) 1,2-Dichlorobenzene	8.50	146	113190	39.394	ng	98
15) Benzyl Alcohol	8.38	79	102093	40.565	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	211382	39.440	ng	99
17) 2-Methylphenol	8.58	107	96636	44.094	ng	96
18) Hexachloroethane	9.23	117	40917	38.346	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	85766	37.557	ng	92
20) 3+4-Methylphenols	8.91	107	129508	42.536	ng	97
22) Acetophenone	8.98	105	163722	39.164	ng	# 94
24) Nitrobenzene	9.36	77	128459	42.519	ng	97
25) Isophorone	9.88	82	247987	41.097	ng	98
26) 2-Nitrophenol	10.08	139	62375	42.761	ng	93
27) 2,4-Dimethylphenol	10.12	122	114310	50.387	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	150678	41.090	ng	97
29) 2,4-Dichlorophenol	10.60	162	121224	47.460	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	120260	41.841	ng	99
31) Naphthalene	11.02	128	341534	41.415	ng	99
32) Benzoic acid	10.25	122	56000	37.607	ng	92
33) 4-Chloroaniline	11.13	127	83521	23.884	ng	97
34) Hexachlorobutadiene	11.28	225	82270	41.887	ng	96
35) Caprolactam	11.90	113	24290	24.895	ng	98
36) 4-Chloro-3-methylphenol	12.23	107	128804	43.990	ng	99
37) 2-Methylnaphthalene	12.61	142	262217	42.531	ng	98
38) 1-Methylnaphthalene	12.83	142	248038	41.398	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	145255	40.035	ng	98

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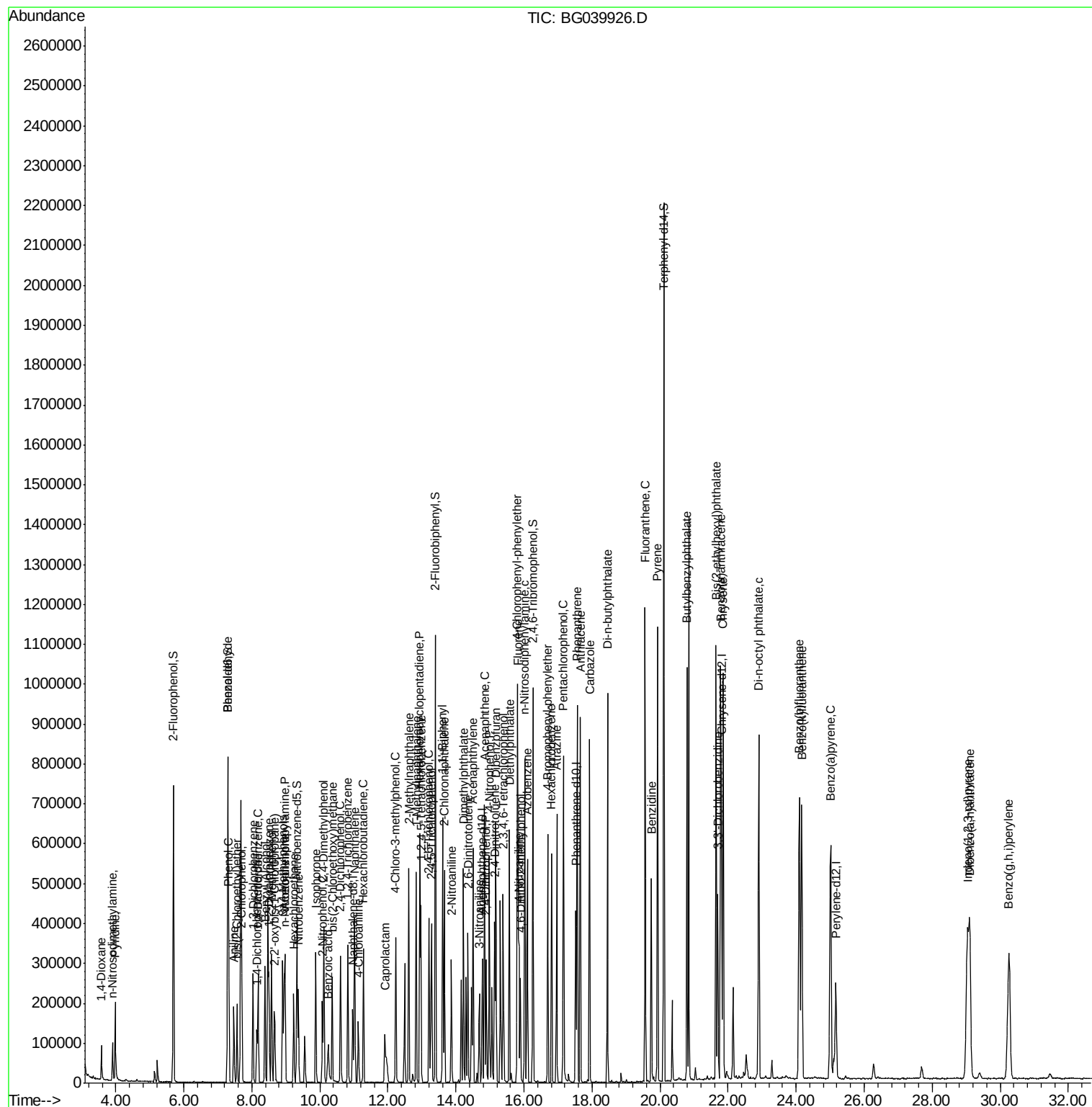
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	188572	96.983	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	98675	46.454	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	106936	44.663	nq	99
46) 1,1'-Biphenyl	13.61	154	351553	39.910	nq	98
47) 2-Chloronaphthalene	13.66	162	271759	41.010	nq	99
48) 2-Nitroaniline	13.86	65	93916	44.100	nq	92
49) Acenaphthylene	14.50	152	433597	39.859	nq	99
50) Dimethylphthalate	14.22	163	366825	40.961	nq	100
51) 2,6-Dinitrotoluene	14.35	165	82574	43.494	nq	97
52) Acenaphthene	14.84	154	264089	40.335	nq	98
53) 3-Nitroaniline	14.69	138	54749	28.688	nq	# 92
54) 2,4-Dinitrophenol	14.89	184	73026	62.243	nq	98
55) Dibenzofuran	15.17	168	439028	40.869	nq	99
56) 4-Nitrophenol	14.98	139	142531	83.488	nq	93
57) 2,4-Dinitrotoluene	15.13	165	117207	43.937	nq	91
58) Fluorene	15.82	166	345879	40.957	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	105629	45.173	nq	97
60) Diethylphthalate	15.57	149	373926	42.179	nq	100
61) 4-Chlorophenyl-phenylether	15.80	204	188160	41.754	nq	98
62) 4-Nitroaniline	15.85	138	87339	42.215	nq	97
63) Azobenzene	16.10	77	335753	41.780	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	63406	39.927	nq	98
66) n-Nitrosodiphenylamine	16.02	169	319607	41.104	nq	97
67) 4-Bromophenyl-phenylether	16.70	248	123653	41.130	nq	96
68) Hexachlorobenzene	16.81	284	125690	40.333	nq	95
69) Atrazine	16.96	200	132102	43.168	nq	95
70) Pentachlorophenol	17.16	266	163058	82.850	nq	97
71) Phenanthrene	17.56	178	598846	40.479	nq	99
72) Anthracene	17.65	178	612692	42.499	nq	99
73) Carbazole	17.92	167	542545	41.745	nq	99
74) Di-n-butylphthalate	18.45	149	667741	43.667	nq	100
75) Fluoranthene	19.56	202	748653	42.820	nq	98
77) Benzidine	19.74	184	298096	33.389	nq	99
78) Pyrene	19.93	202	745515	40.779	nq	99
80) Butylbenzylphthalate	20.79	149	309573	43.707	nq	97
81) Benzo(a)anthracene	21.78	228	715504	40.578	nq	100
82) 3,3'-Dichlorobenzidine	21.70	252	170763	26.526	nq	99
83) Chrysene	21.85	228	684243	40.027	nq	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	437196	43.925	nq	98
85) Di-n-octyl phthalate	22.90	149	740297	44.920	nq	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	811177	41.829	nq	# 96
88) Benzo(b)fluoranthene	24.09	252	715746	44.239	nq	98
89) Benzo(k)fluoranthene	24.16	252	682126	45.293	nq	98
90) Benzo(a)pyrene	25.01	252	690036	46.155	nq	98
91) Dibenzo(a,h)anthracene	29.11	278	654007	44.622	nq	97
92) Benzo(g,h,i)perylene	30.25	276	669558	45.486	nq	97

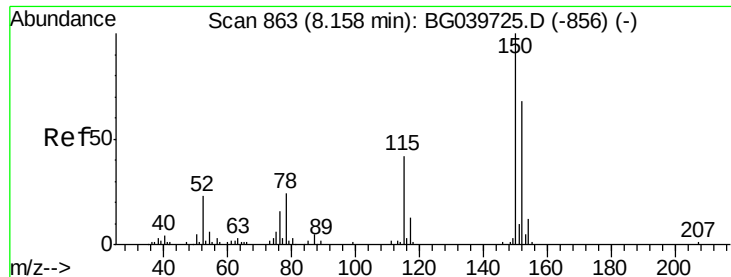
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

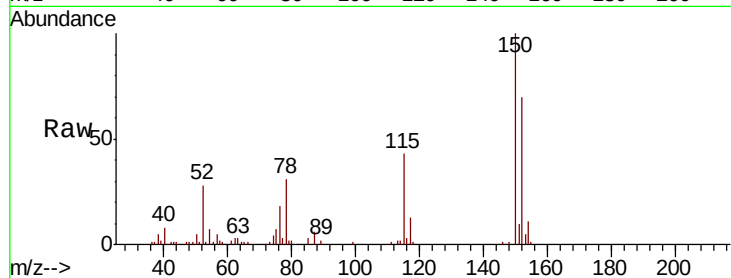
Tot Ion:152 Resp: 36301

Ion Ratio Lower Upper

152 100

150 143.7 123.7 185.5

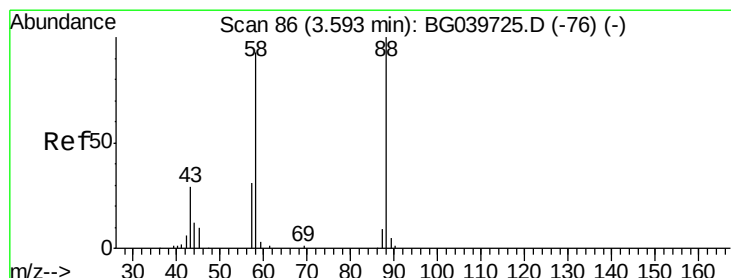
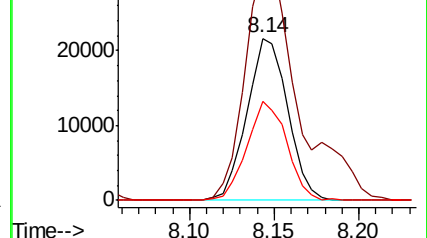
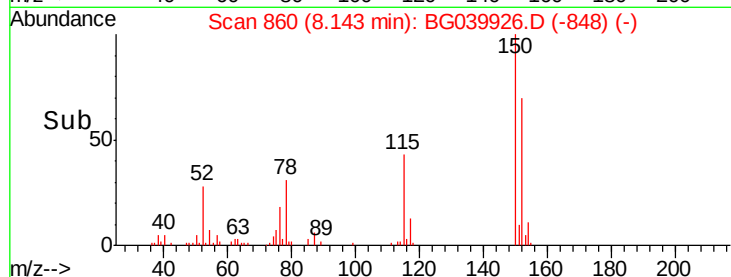
115 61.2 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.920 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

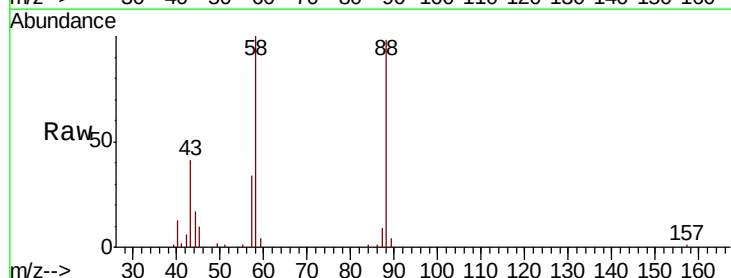
Tgt Ion: 88 Resp: 38234

Ion Ratio Lower Upper

88 100

58 102.8 81.1 121.7

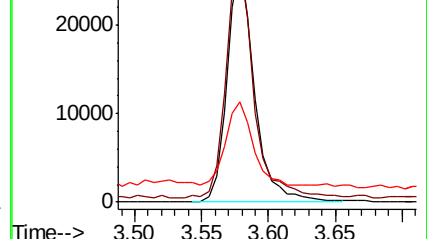
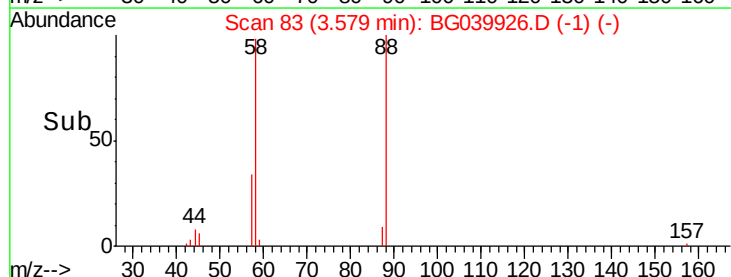
43 35.3 31.4 47.0

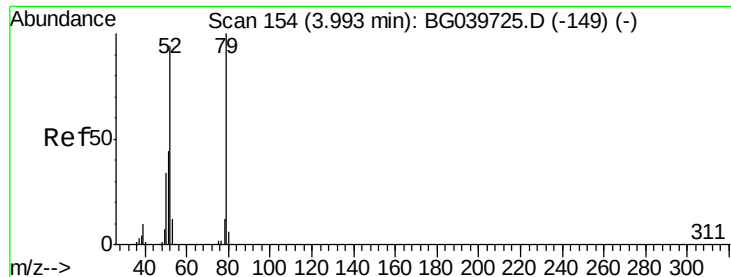


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.199 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

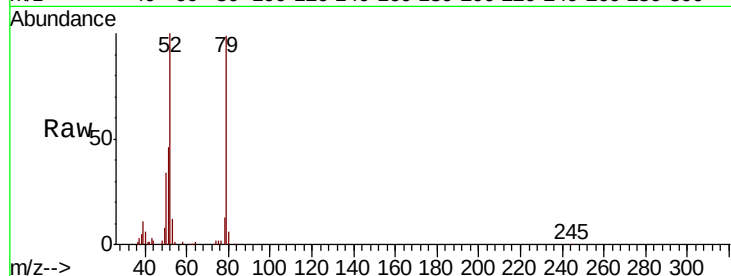
Tot Ion: 79 Resp: 95201

Ion Ratio Lower Upper

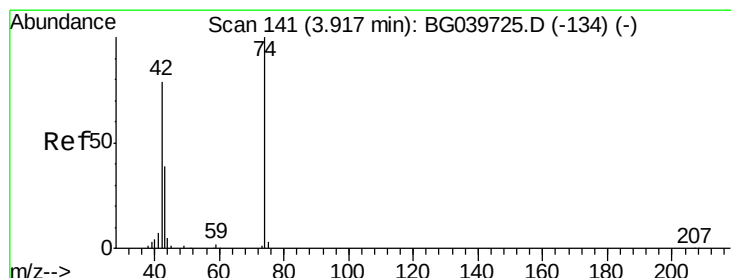
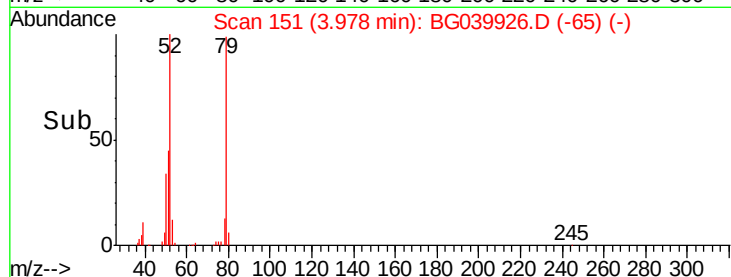
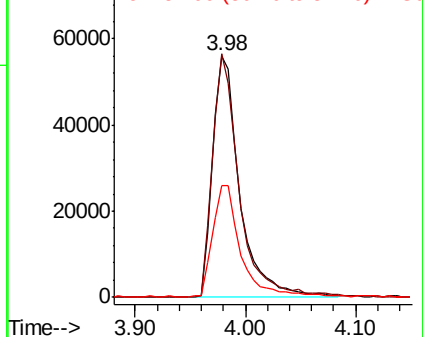
79 100

52 100.8 82.6 124.0

51 46.1 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.970 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

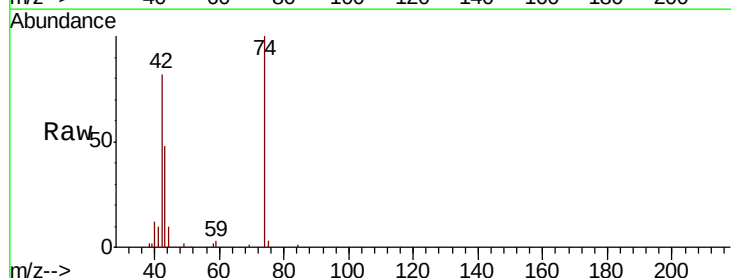
Tgt Ion: 42 Resp: 51116

Ion Ratio Lower Upper

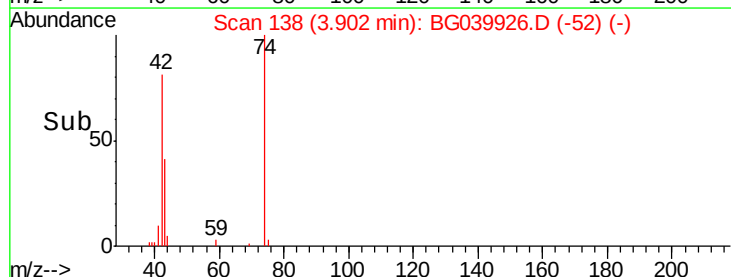
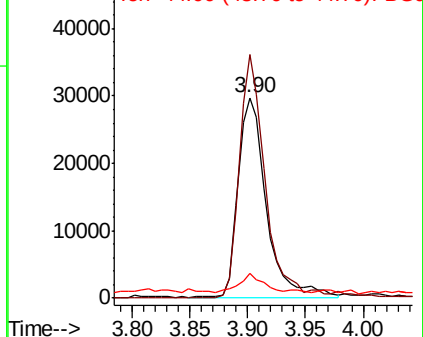
42 100

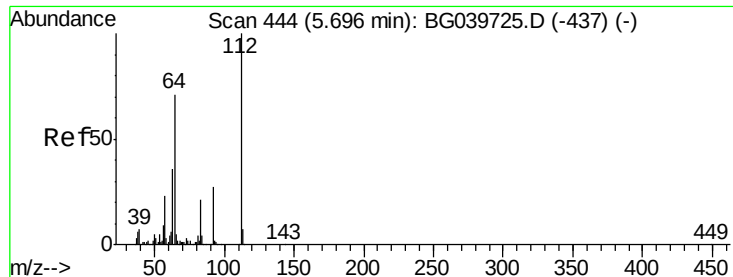
74 121.3 83.6 125.4

44 12.6 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 140.529 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

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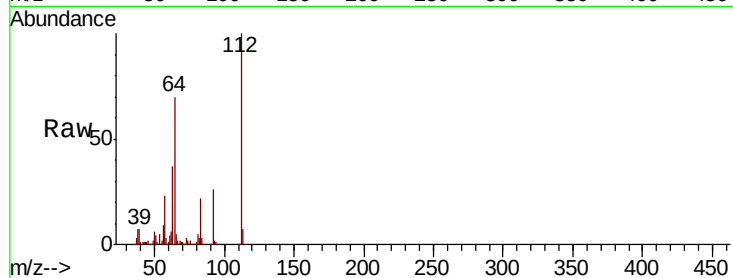
Tot Ion:112 Resp: 299022

Ion Ratio Lower Upper

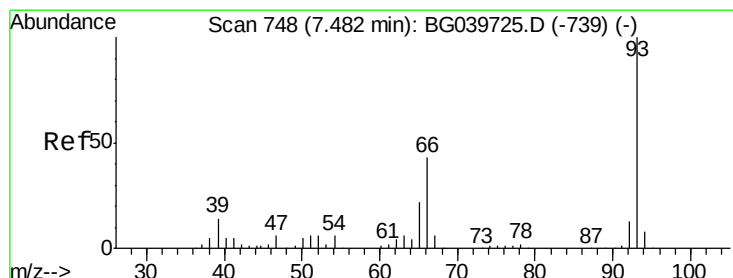
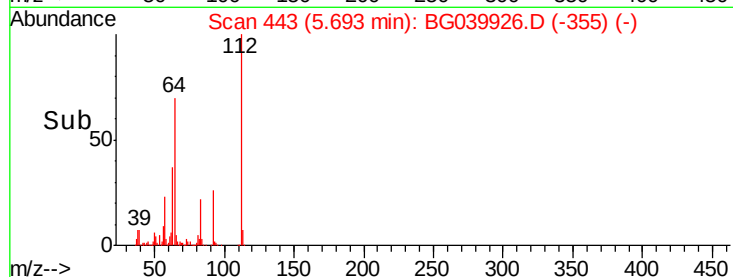
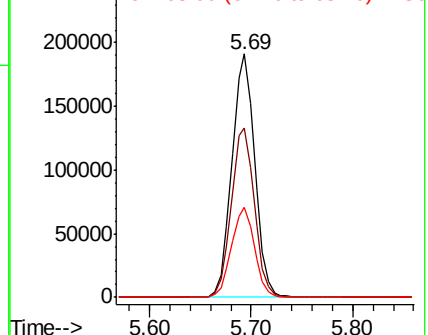
112 100

64 69.5 57.8 86.8

63 37.1 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: 28.763 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

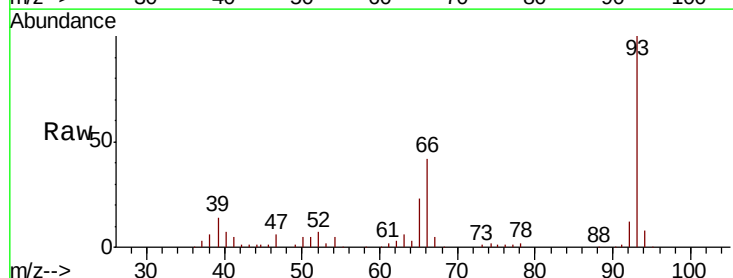
Tgt Ion: 93 Resp: 119560

Ion Ratio Lower Upper

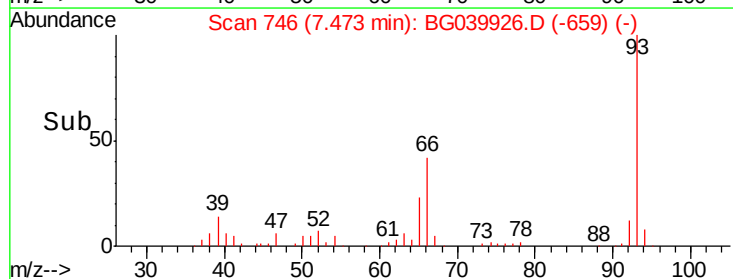
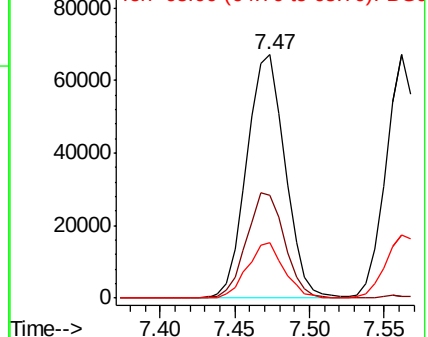
93 100

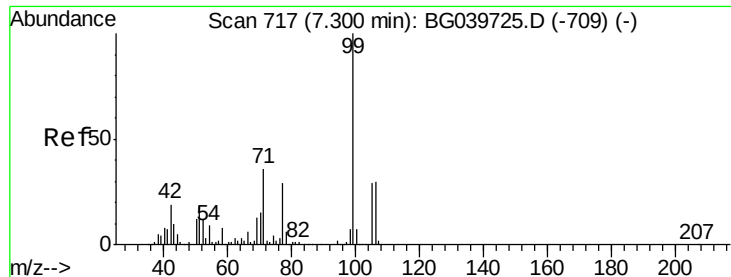
66 42.1 34.2 51.4

65 23.0 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: 131.744 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

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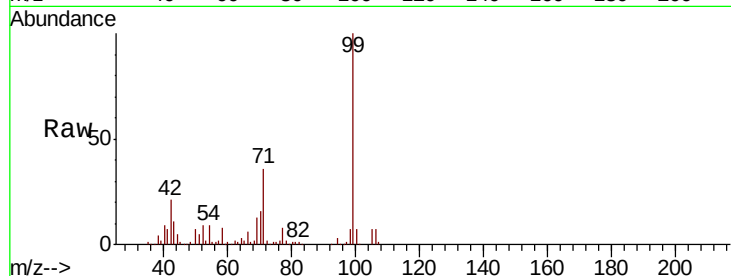
Tot Ion: 99 Resp: 417986

Ion Ratio Lower Upper

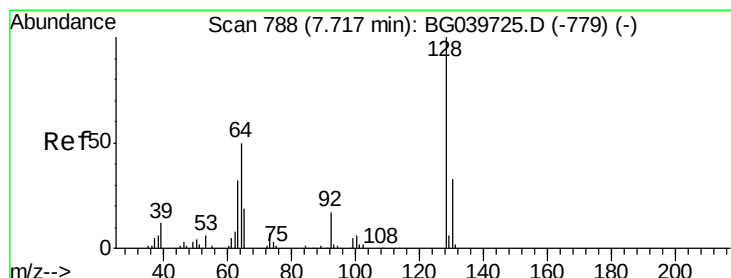
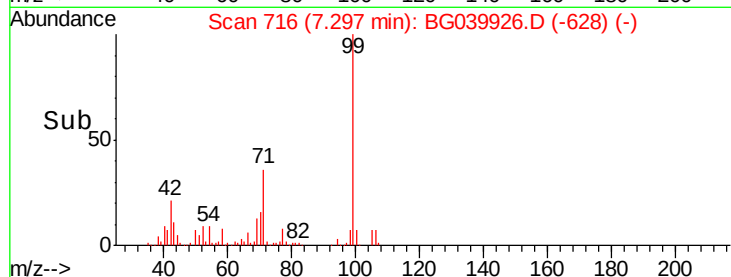
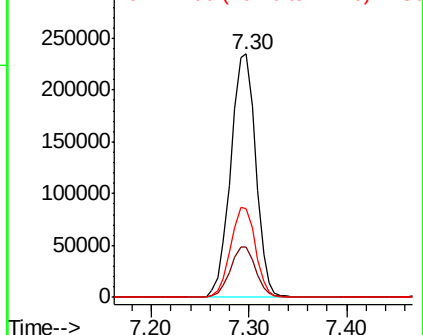
99 100

42 20.8 18.2 27.2

71 36.4 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.975 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

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Acq: 14 Mar 2019 15:43

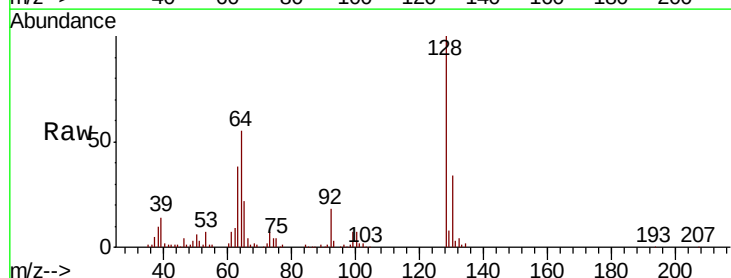
Tgt Ion: 128 Resp: 108357

Ion Ratio Lower Upper

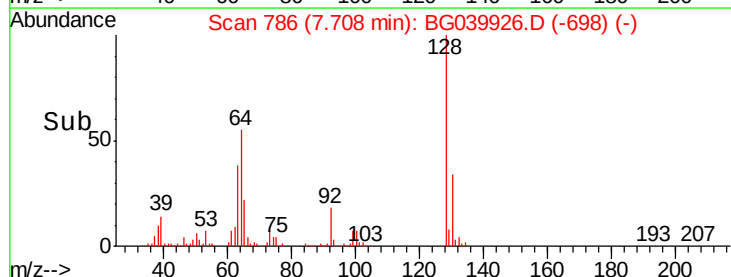
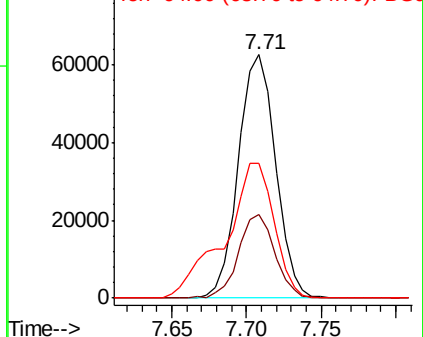
128 100

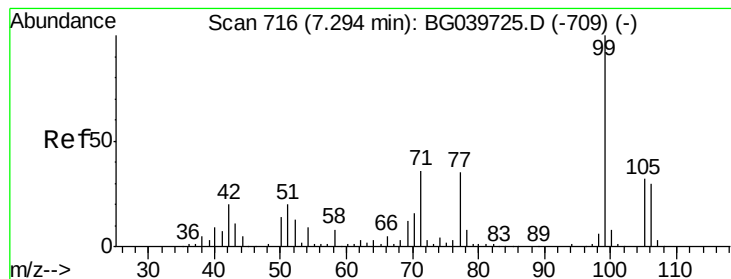
130 34.1 12.9 52.9

64 55.1 38.7 78.7



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





#9

Benzaldehyde

Concen: 23.377 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

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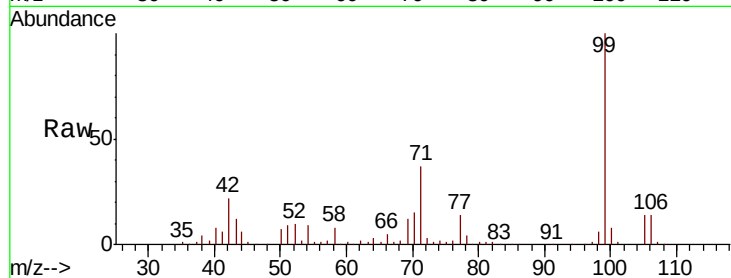
Tot Ion: 77 Resp: 47844

Ion Ratio Lower Upper

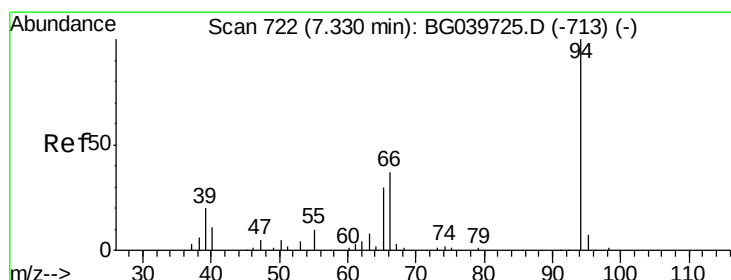
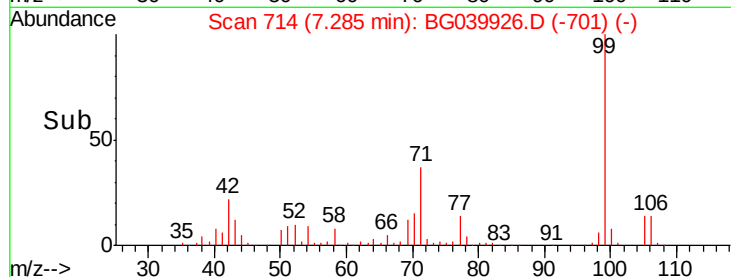
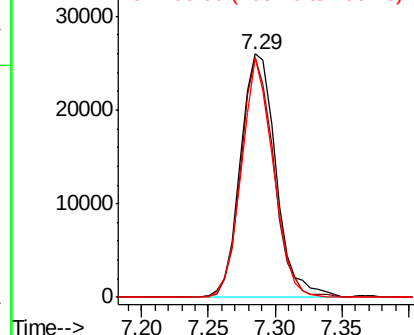
77 100

105 98.3 74.5 114.5

106 98.4 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: 42.775 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

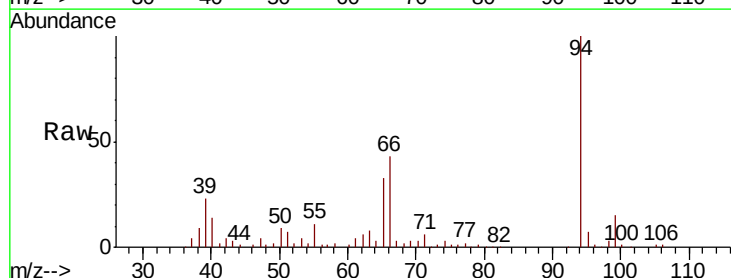
Tgt Ion: 94 Resp: 147022

Ion Ratio Lower Upper

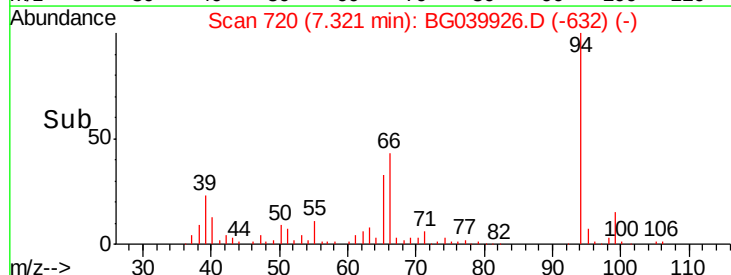
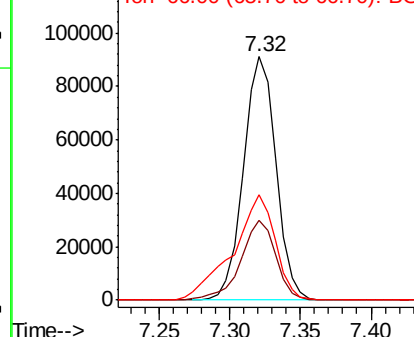
94 100

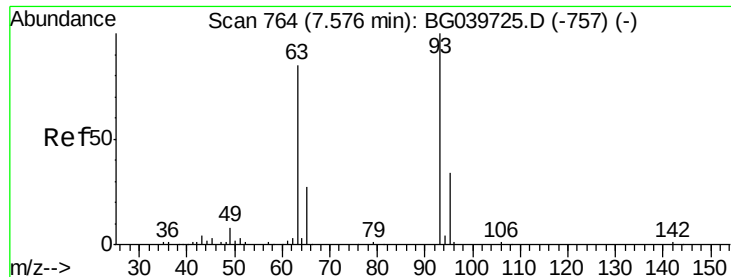
65 32.6 11.7 51.7

66 43.1 23.7 63.7



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

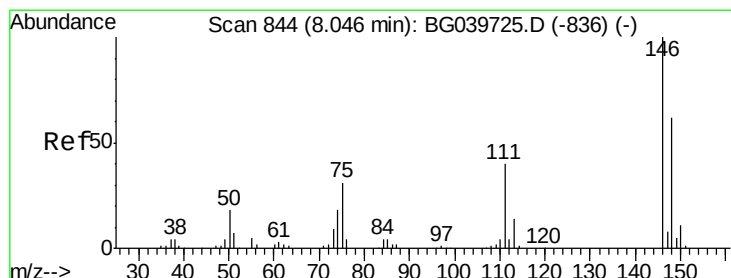
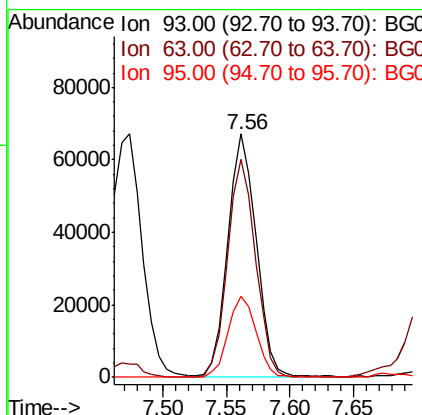
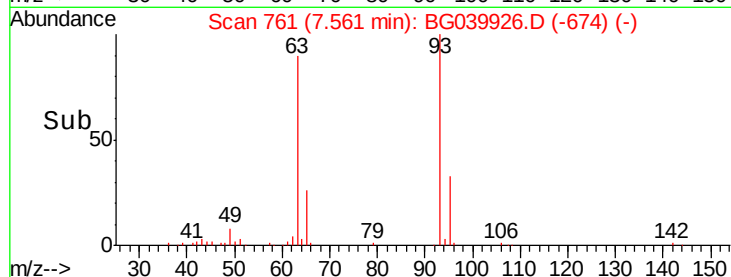
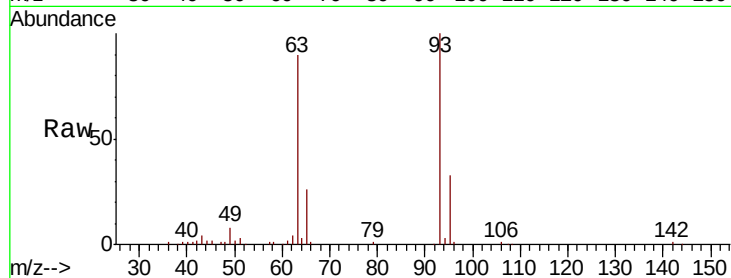




#11
bis(2-Chloroethyl)ether
Concen: 39.117 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

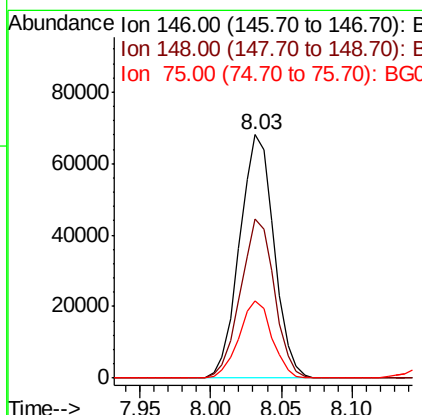
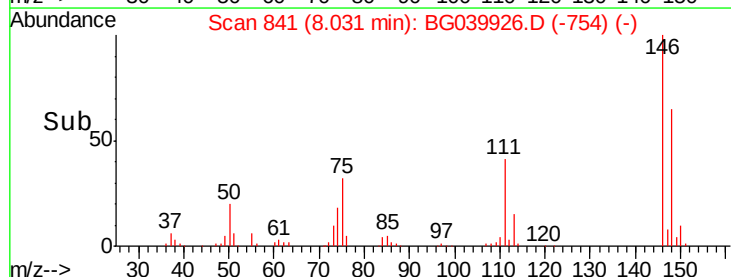
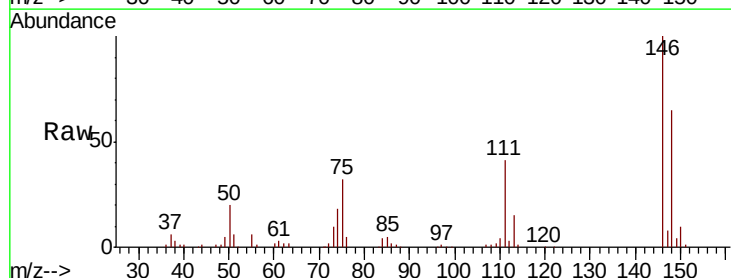
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

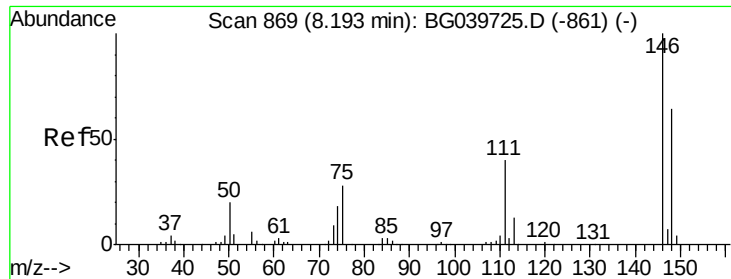
Tot Ion: 93 Resp: 104825
Ion Ratio Lower Upper
93 100
63 89.7 69.5 109.5
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.714 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion: 146 Resp: 115949
Ion Ratio Lower Upper
146 100
148 65.2 52.6 79.0
75 31.6 25.8 38.6

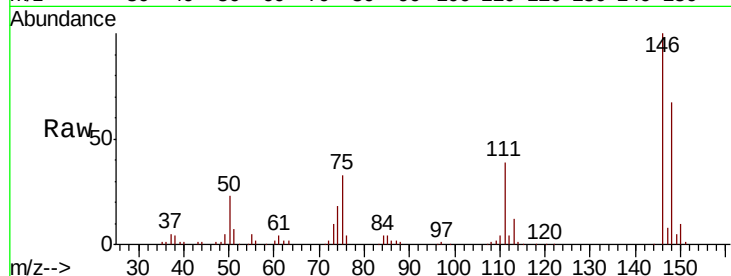




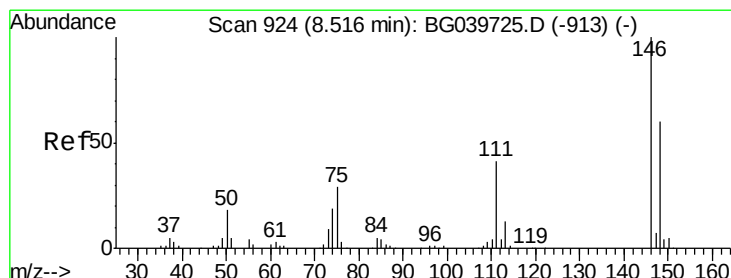
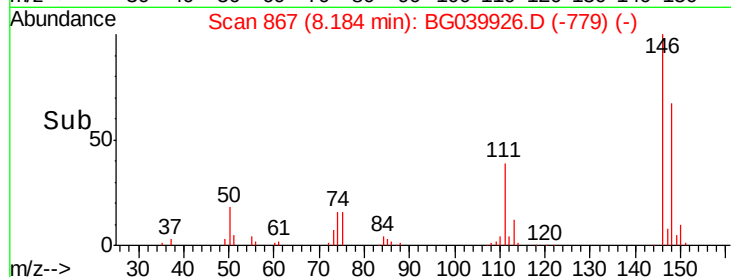
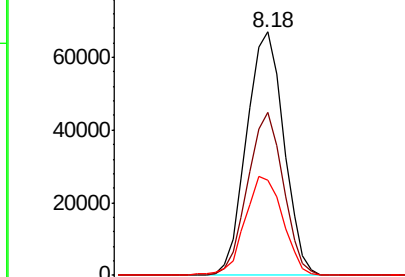
#13
 1,4-Dichlorobenzene
 Concen: 38.826 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion:146 Resp: 115462
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.1 76.7
 111 39.0 32.6 48.8

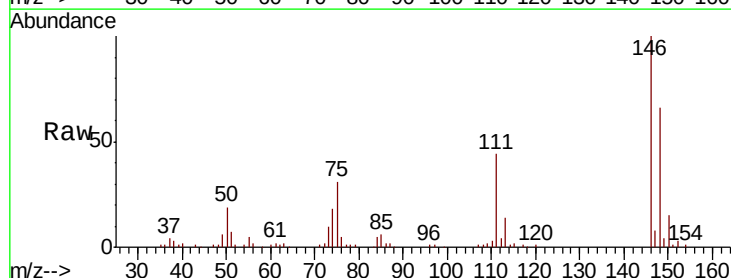


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

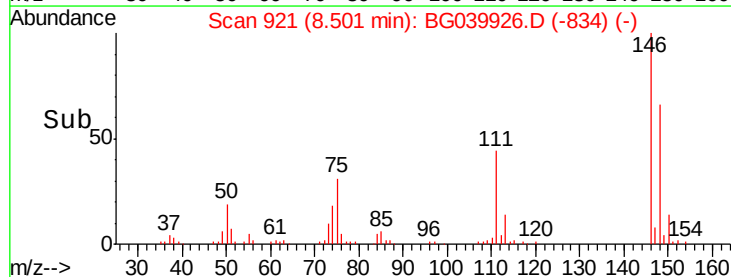
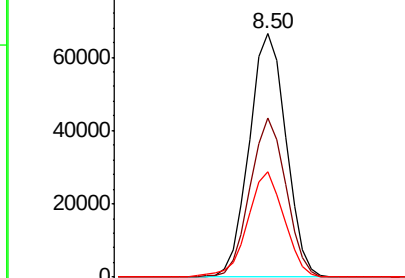


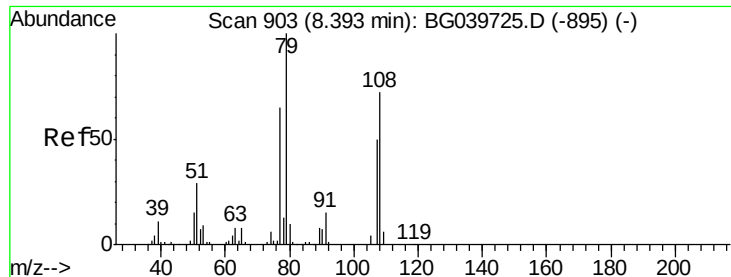
#14
 1,2-Dichlorobenzene
 Concen: 39.394 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion:146 Resp: 113190
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.5 77.3
 111 43.5 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

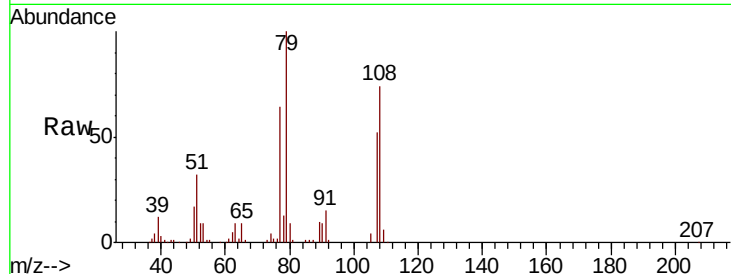




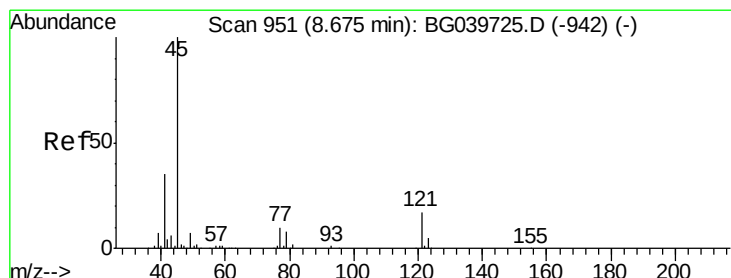
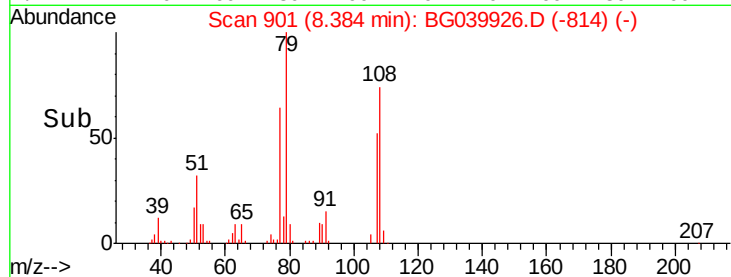
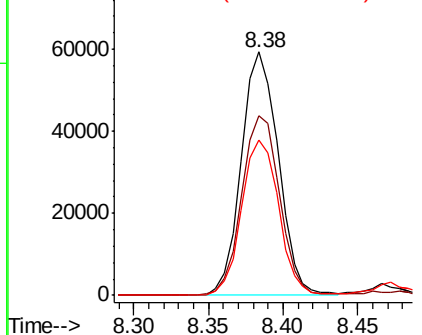
#15
Benzyl Alcohol
Concen: 40.565 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion: 79 Resp: 102093
Ion Ratio Lower Upper
79 100
108 73.9 57.8 86.6
77 63.6 51.1 76.7

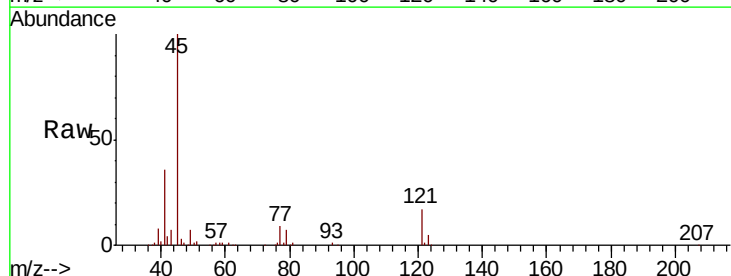


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

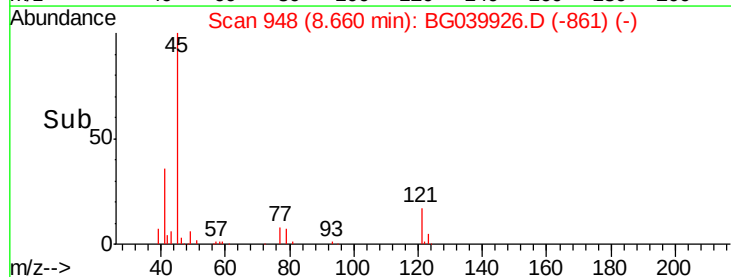
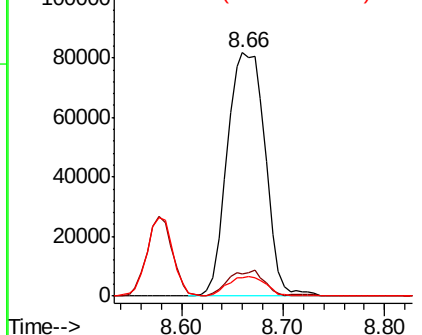


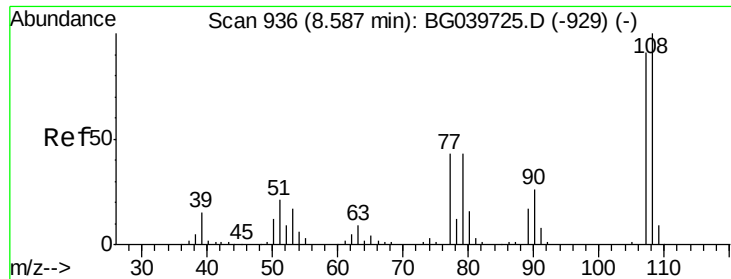
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.440 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion: 45 Resp: 211382
Ion Ratio Lower Upper
45 100
77 9.3 0.0 30.0
79 7.4 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

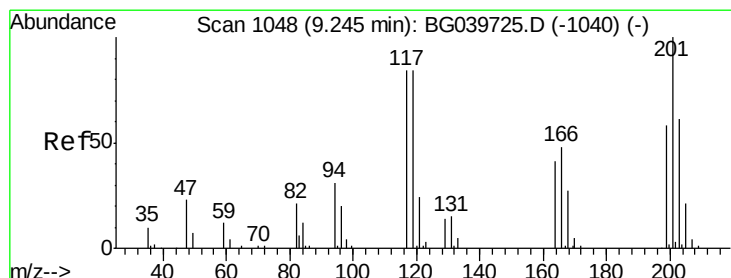
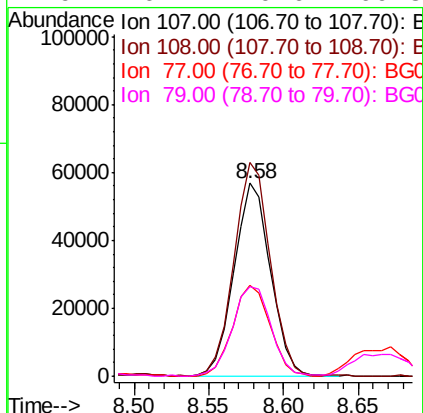
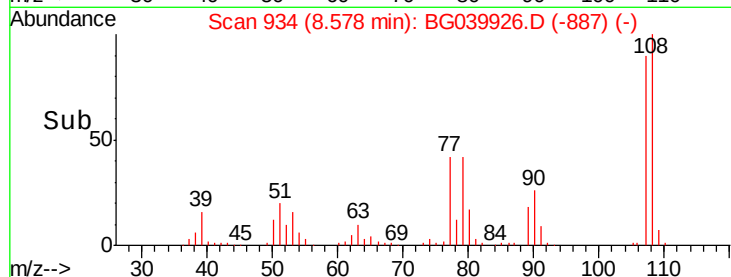
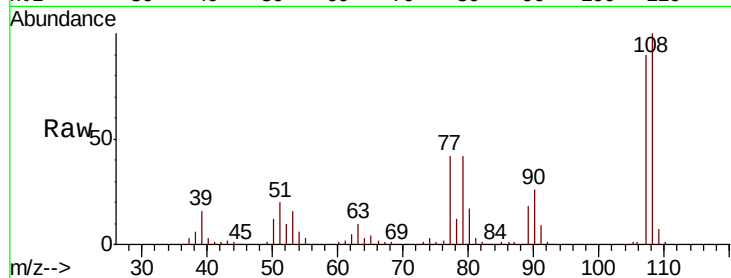




#17
2-Methylphenol
Concen: 44.094 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

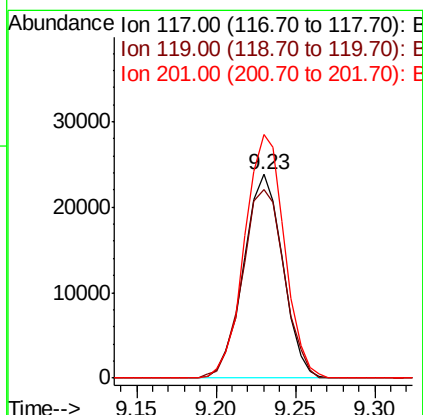
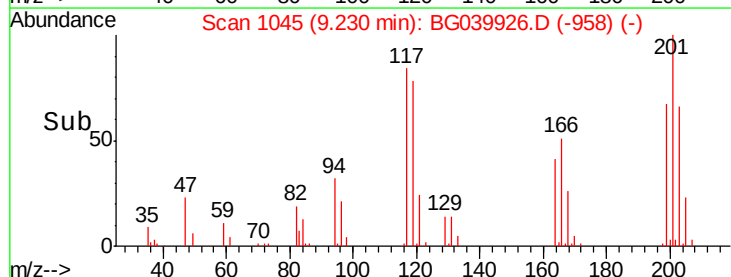
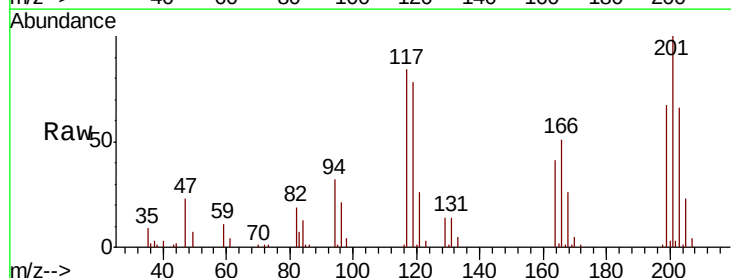
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

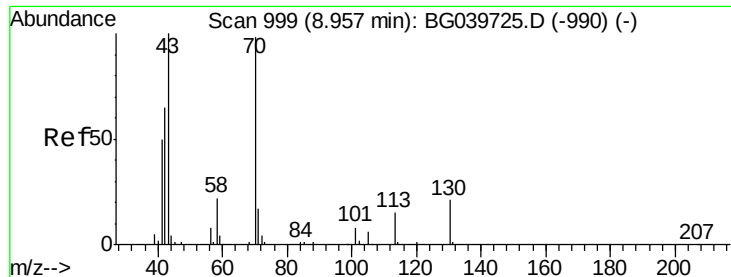
Tot Ion:107 Resp: 96636
Ion Ratio Lower Upper
107 100
108 110.5 90.8 136.2
77 46.9 40.7 61.1
79 46.1 40.6 60.8



#18
Hexachloroethane
Concen: 38.346 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:117 Resp: 40917
Ion Ratio Lower Upper
117 100
119 92.7 76.3 114.5
201 119.5 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.557 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

Tot Ion: 70 Resp: 85766

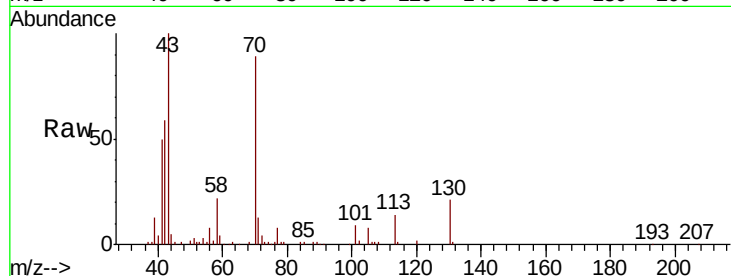
Ion Ratio Lower Upper

70 100

42 66.5 60.4 90.6

101 9.7 7.5 11.3

130 23.3 16.9 25.3

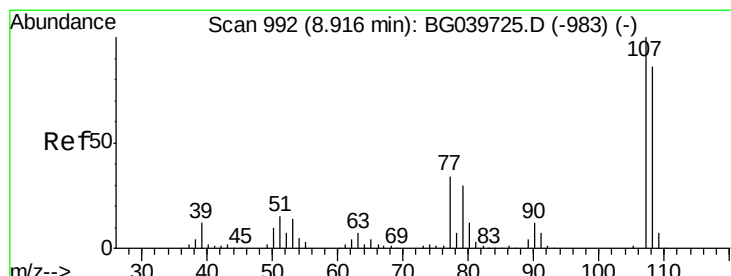
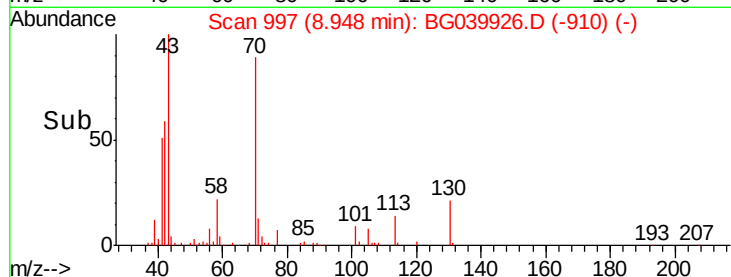
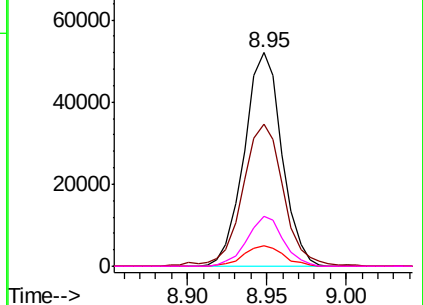


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 42.536 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion: 107 Resp: 129508

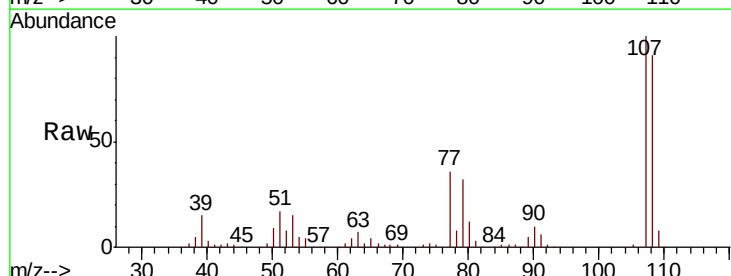
Ion Ratio Lower Upper

107 100

108 91.2 67.9 107.9

77 36.0 15.4 55.4

79 32.3 13.7 53.7

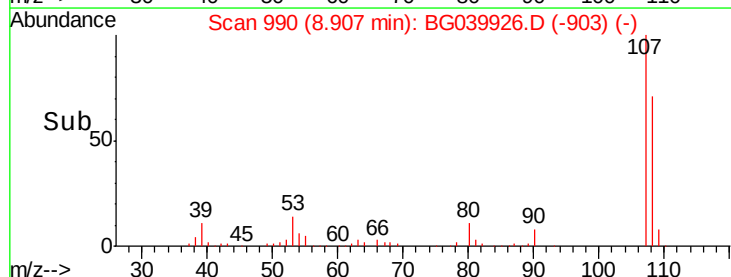
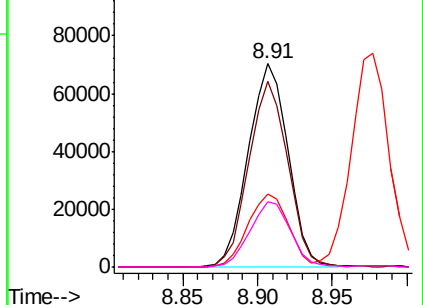


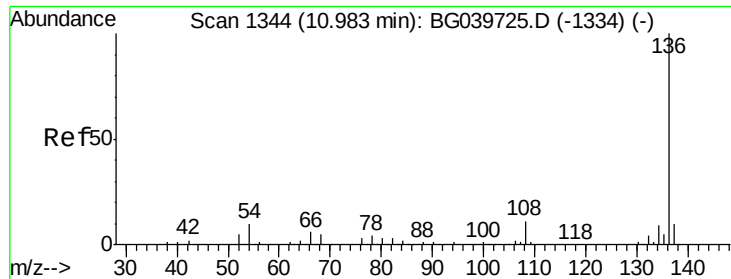
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

Tot Ion:136 Resp: 155755

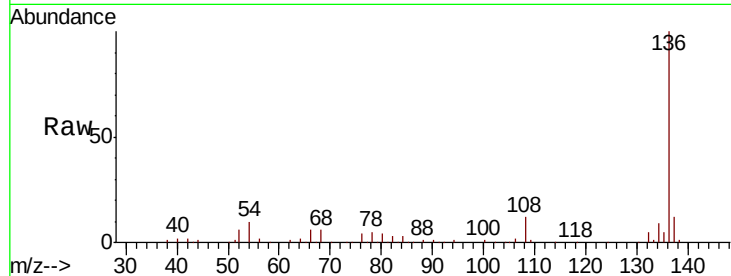
Ion Ratio Lower Upper

136 100

137 12.1 9.1 13.7

54 10.2 9.4 14.2

68 5.6 4.2 6.4

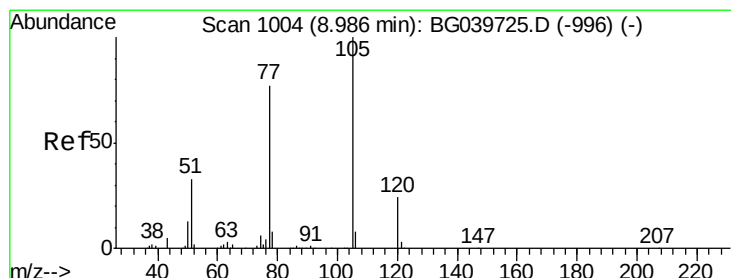
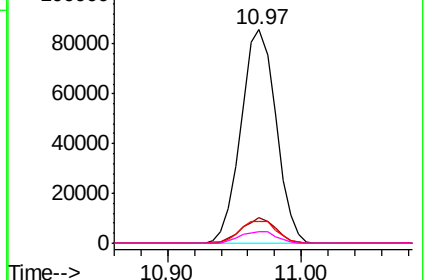
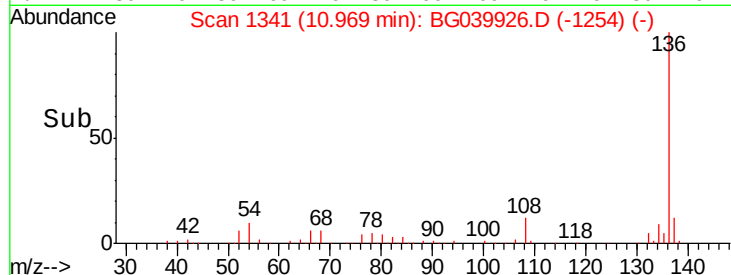


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.164 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:105 Resp: 163722

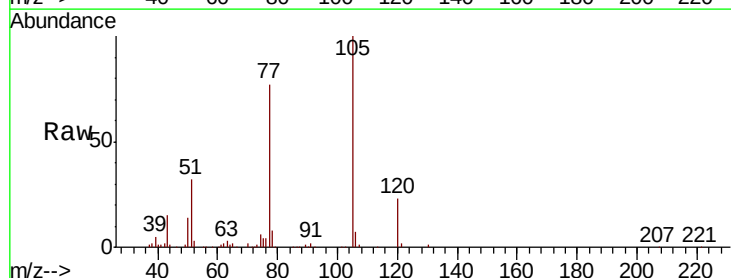
Ion Ratio Lower Upper

105 100

71 0.3 0.8 1.2#

51 31.8 30.2 45.2

120 22.5 18.0 27.0

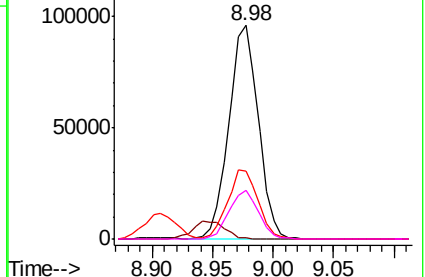
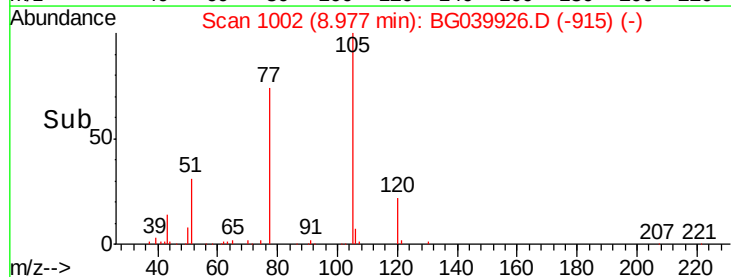


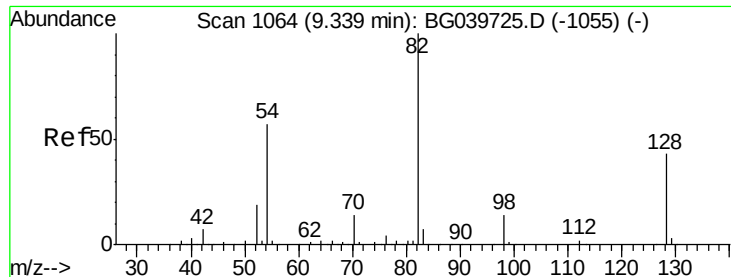
Abundance Ion 105.00 (104.70 to 105.70): E

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

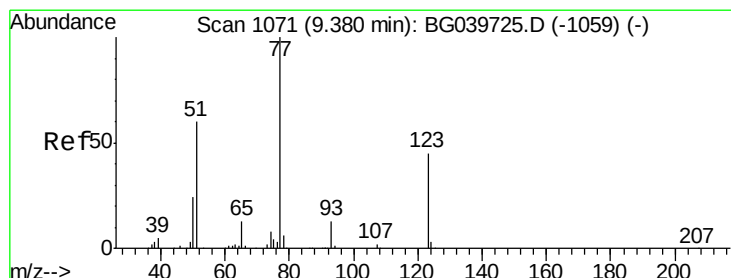
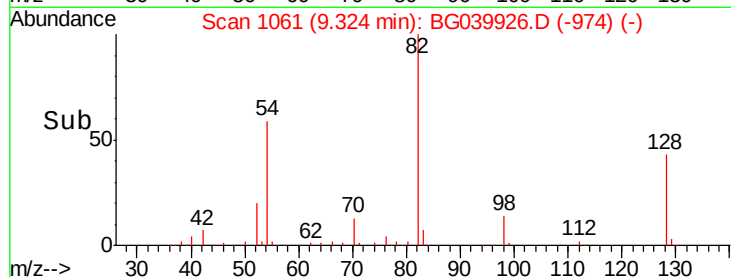
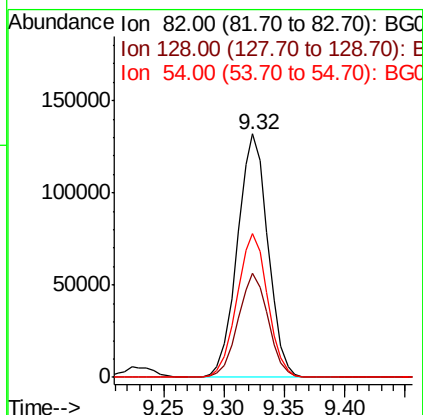
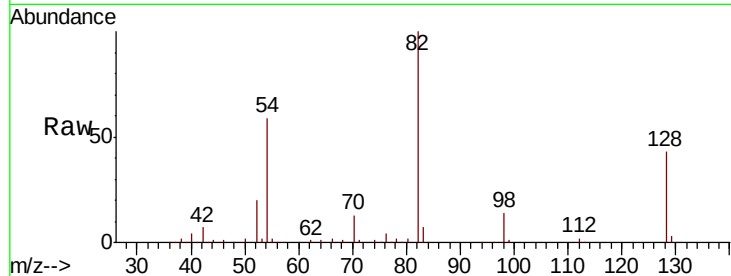




#23
 Nitrobenzene-d5
 Concen: 80.754 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

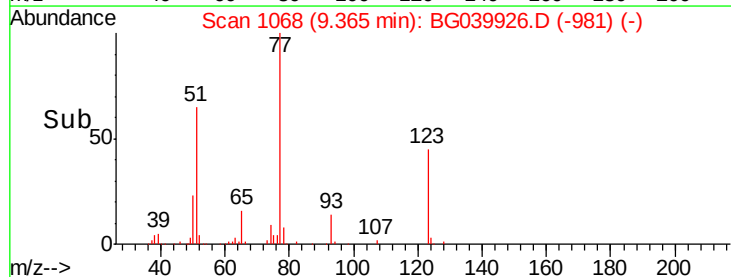
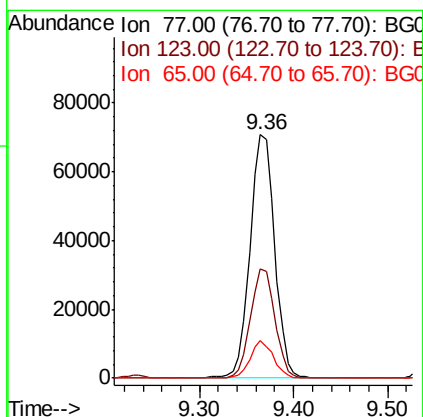
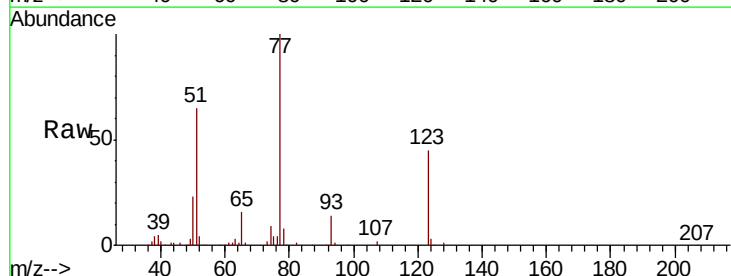
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

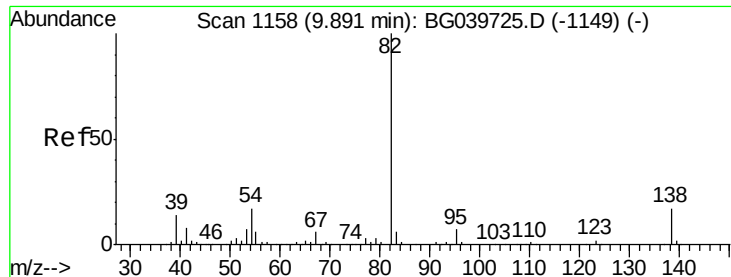
Tot Ion	82	Resp	232560
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.3	46.9
54	58.8	50.9	76.3



#24
 Nitrobenzene
 Concen: 42.519 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	77	Resp	128459
Ion Ratio	Lower	Upper	
77	100		
123	45.1	34.1	51.1
65	15.7	12.3	18.5





#25

Isophorone

Concen: 41.097 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

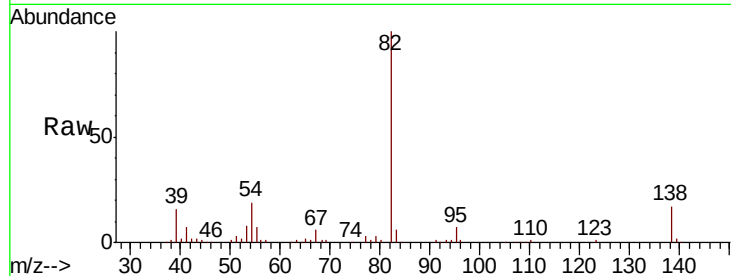
Tot Ion: 82 Resp: 247987

Ion Ratio Lower Upper

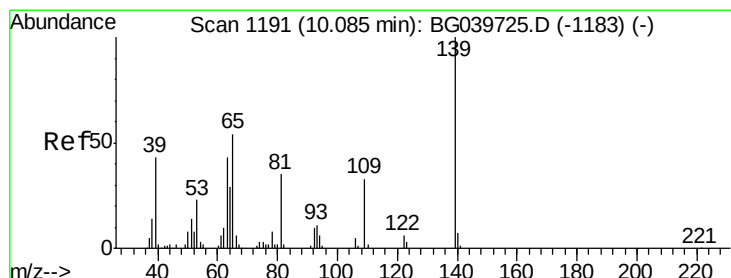
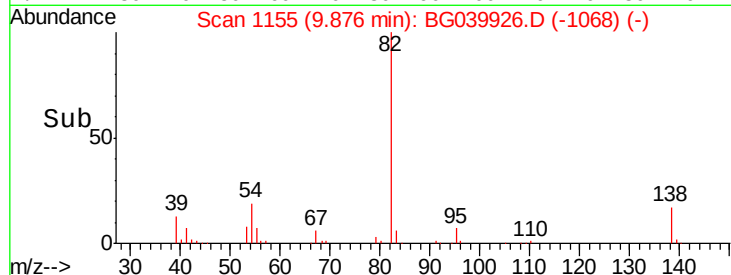
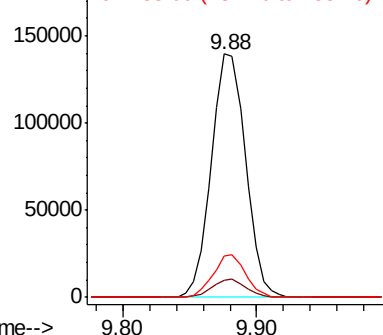
82 100

95 6.9 6.2 9.2

138 17.1 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: 42.761 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

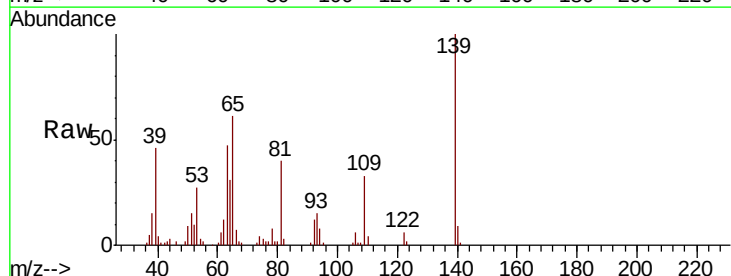
Tgt Ion: 139 Resp: 62375

Ion Ratio Lower Upper

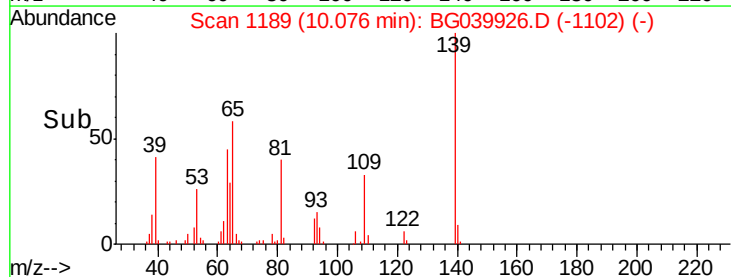
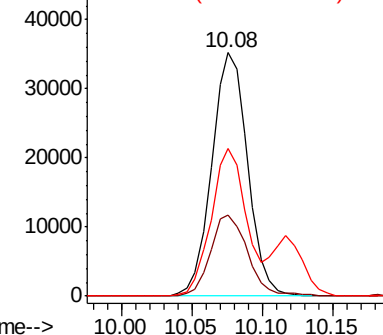
139 100

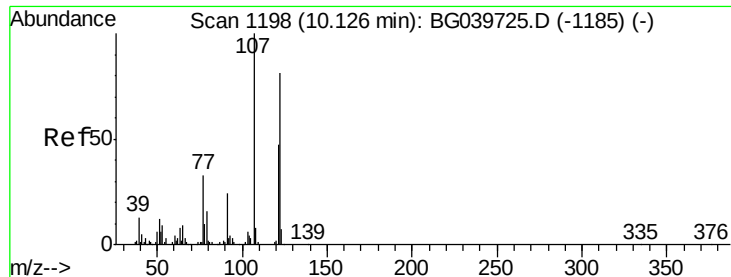
109 33.1 23.4 35.0

65 60.6 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

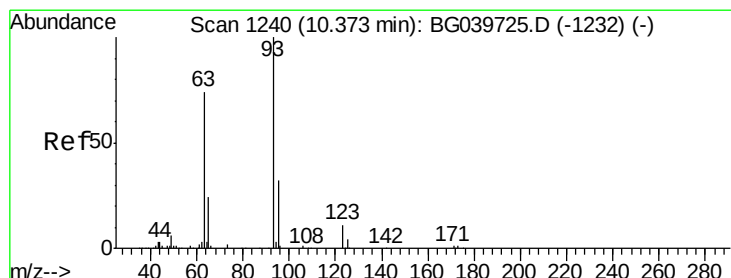
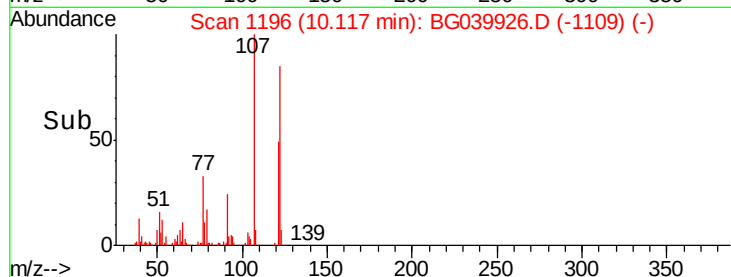
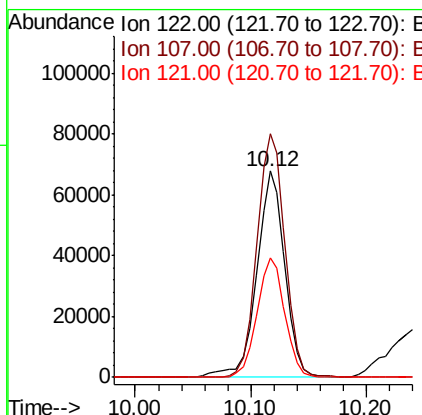
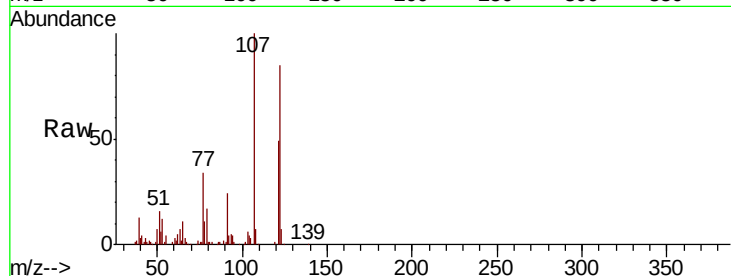




#27
2,4-Dimethylphenol
Concen: 50.387 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

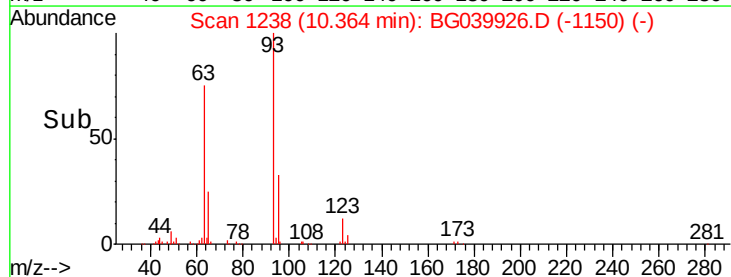
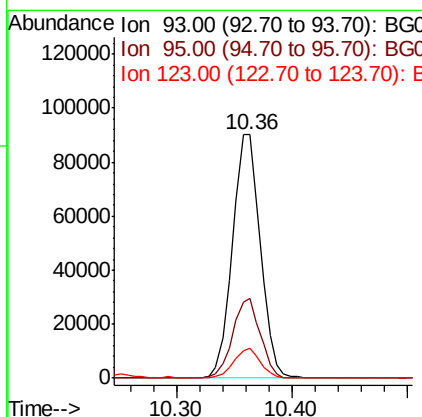
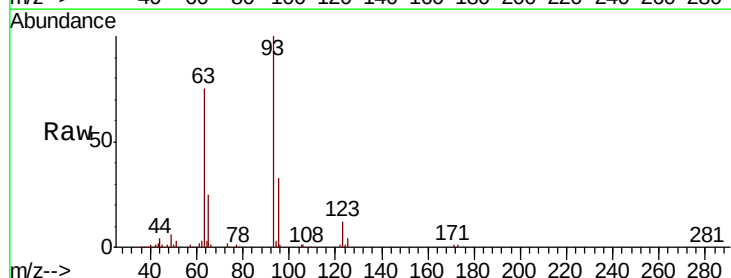
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

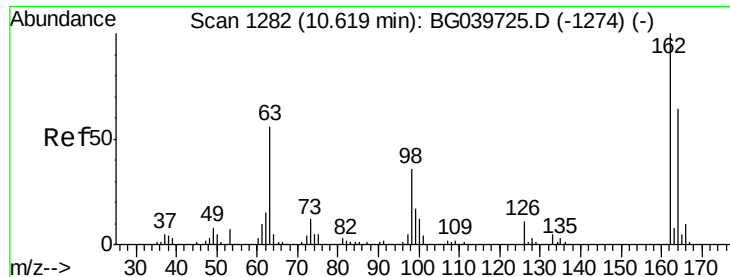
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	91.7	137.5
121	58.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.090 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.0	37.4
123	12.1	8.6	12.8

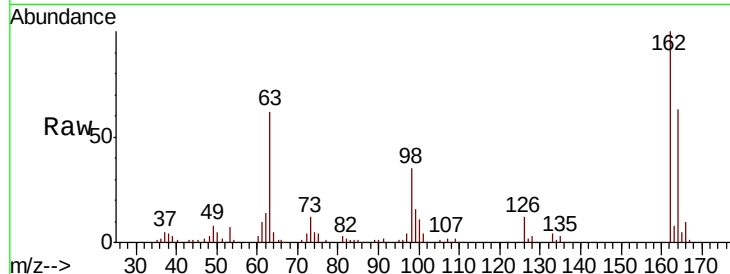




#29
 2,4-Dichlorophenol
 Concen: 47.460 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.1	88.1
98	35.3	18.1	58.1

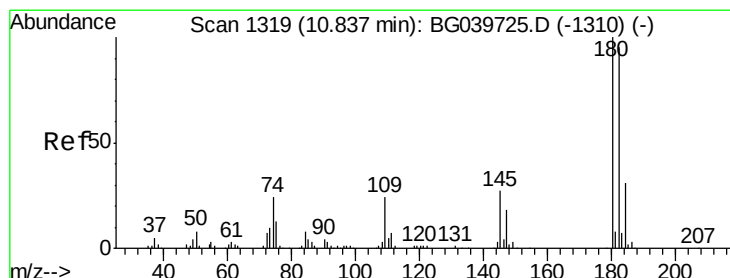
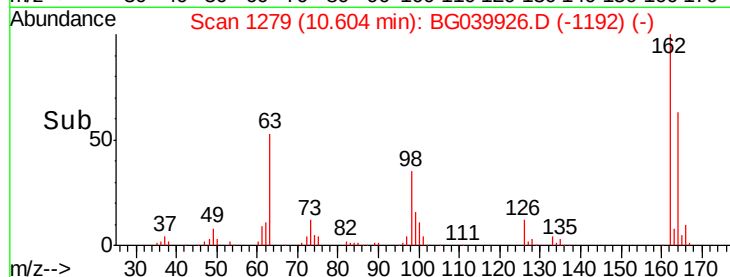
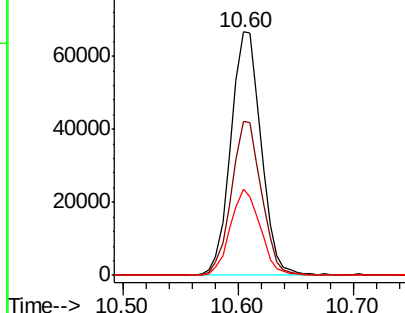


Abundance

Ion 162.00 (161.70 to 162.70): E

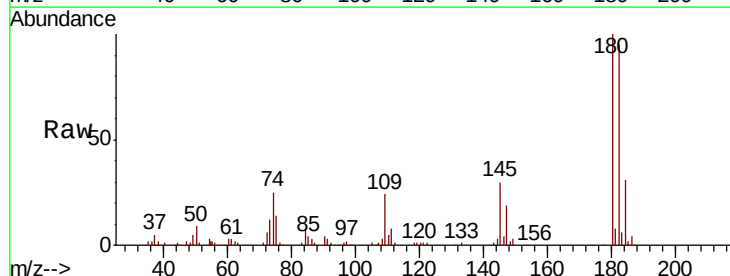
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.841 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.0	114.0
145	29.9	22.7	34.1

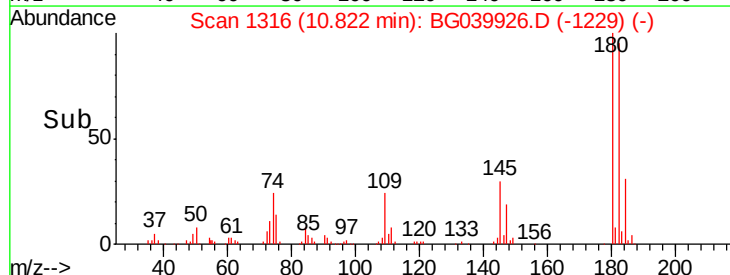
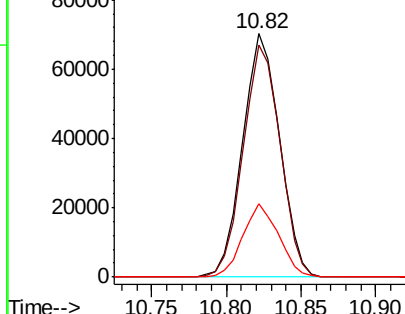


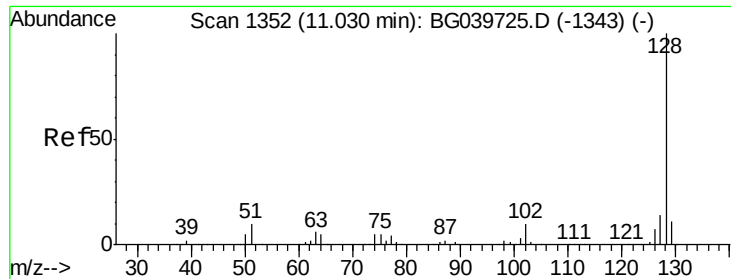
Abundance

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

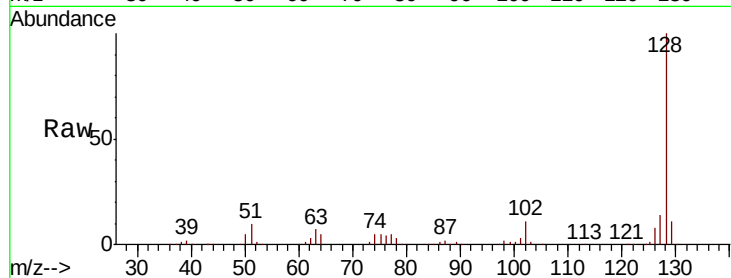




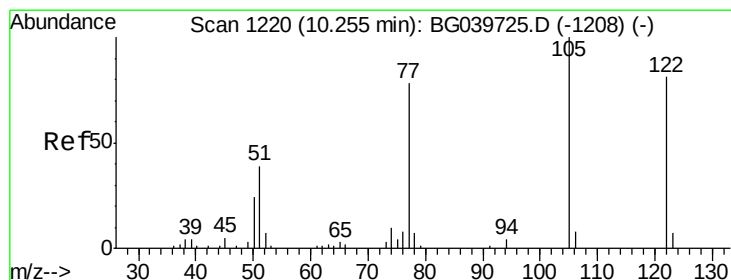
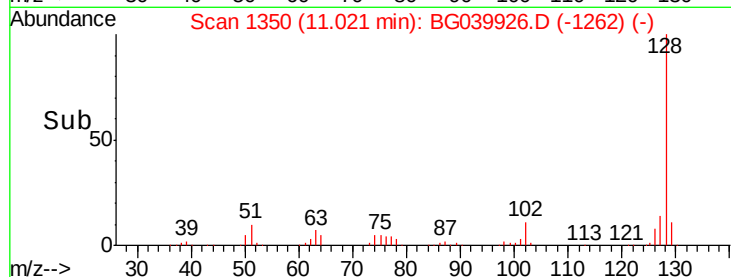
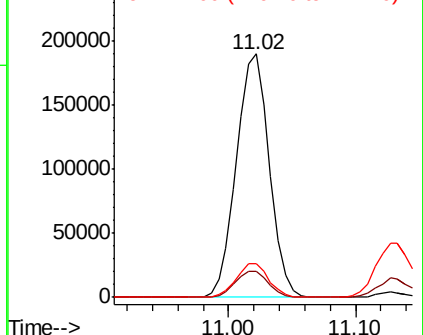
#31
Naphthalene
Concen: 41.415 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:128 Resp: 341534
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.7 10.8 16.2

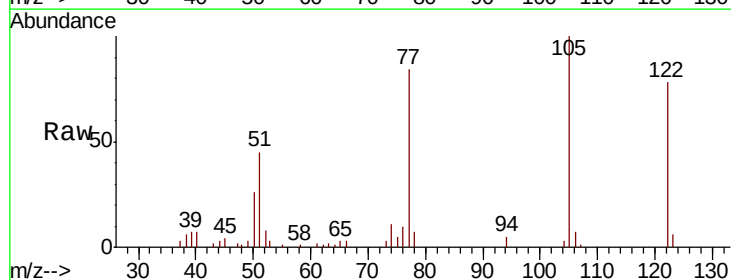


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

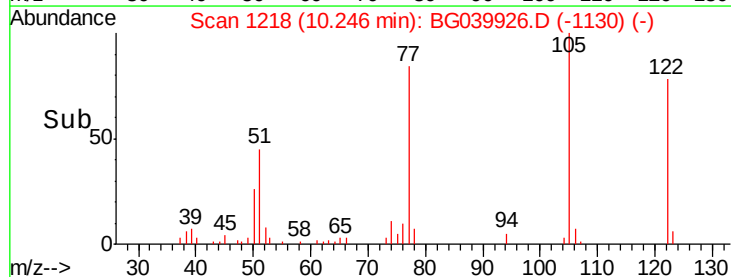
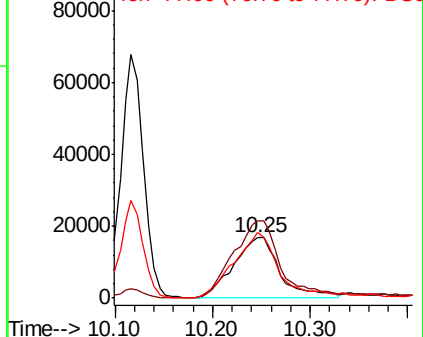


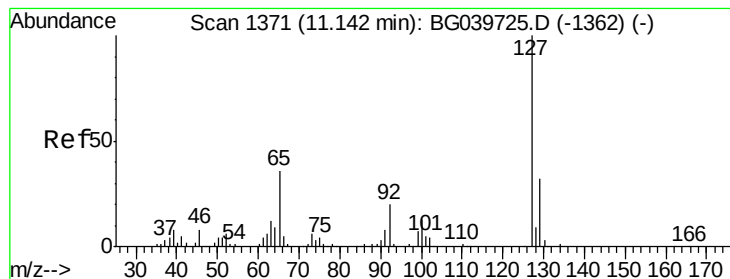
#32
Benzoic acid
Concen: 37.607 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:122 Resp: 56000
Ion Ratio Lower Upper
122 100
105 128.4 101.8 141.8
77 107.8 76.3 116.3



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

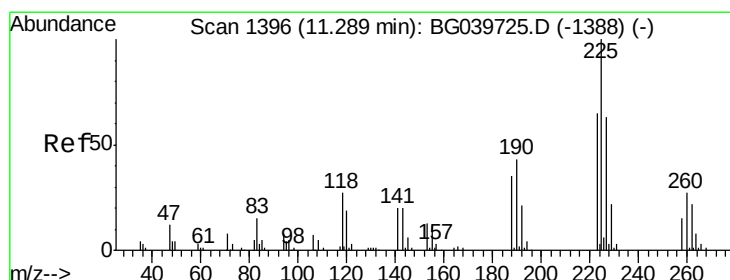
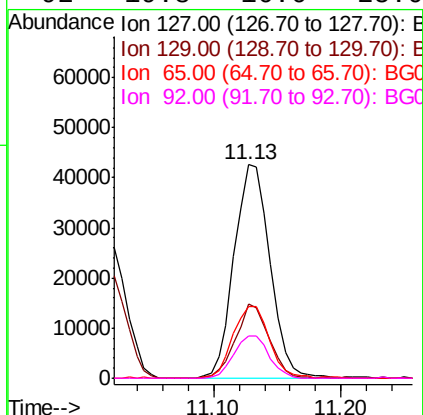
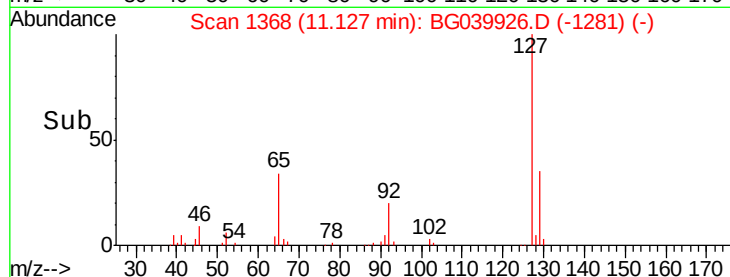
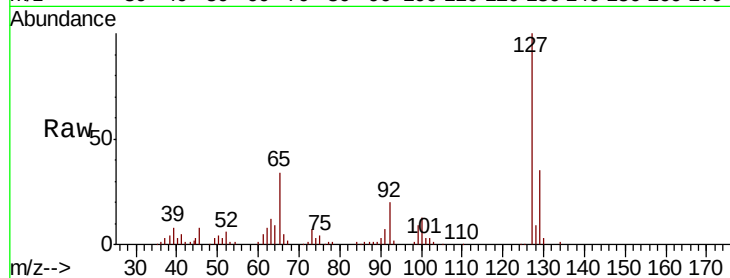




#33
4-Chloroaniline
Concen: 23.884 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

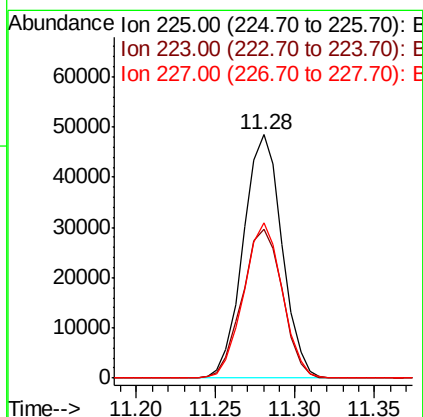
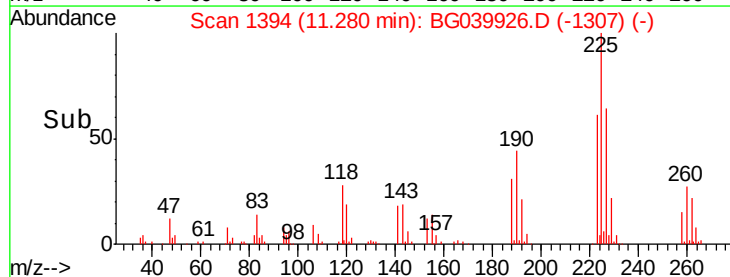
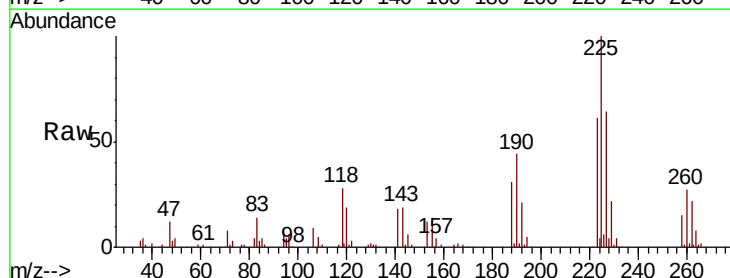
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

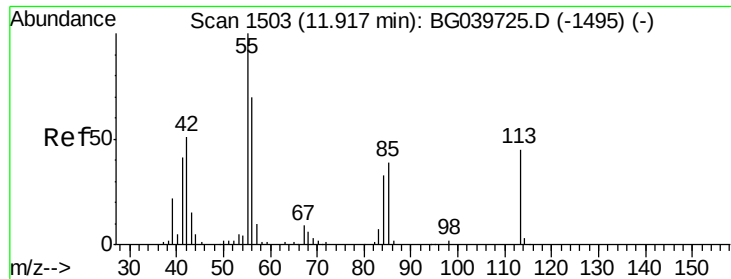
Tot Ion:	127	Resp:	83521
Ion	Ratio	Lower	Upper
127	100		
129	34.9	27.0	40.4
65	33.6	28.8	43.2
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.887 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:	225	Resp:	82270
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.0	73.6
227	63.7	46.3	69.5

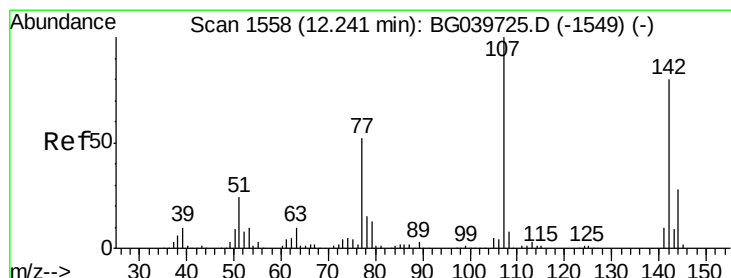
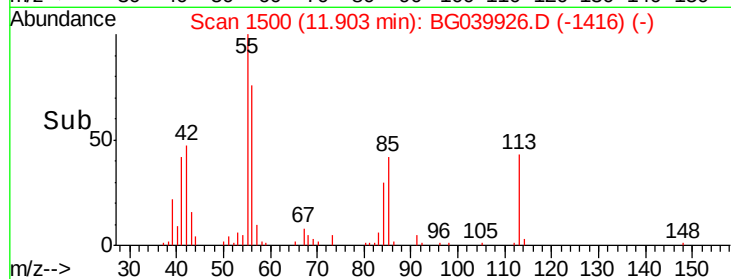
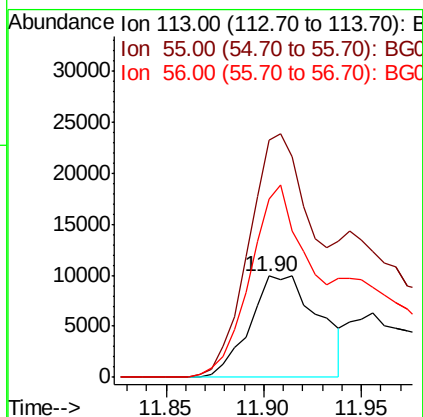
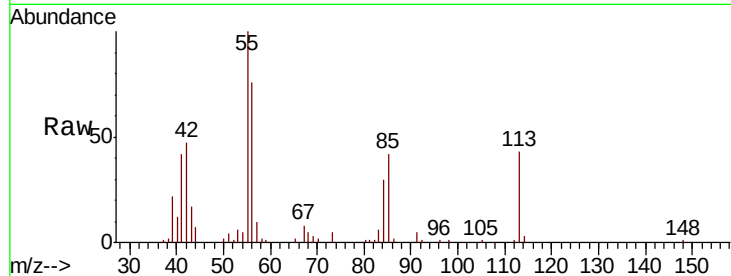




#35
Caprolactam
Concen: 24.895 ng
RT: 11.90 min Scan# 1500
Delta R.T. -0.04 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

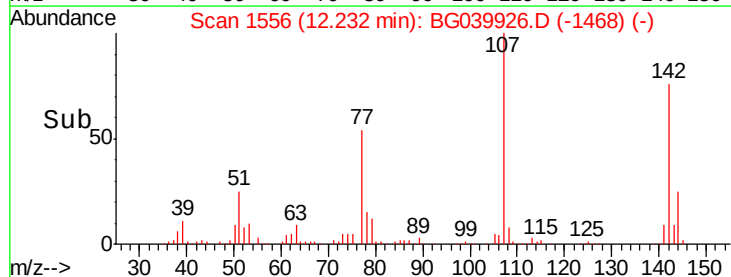
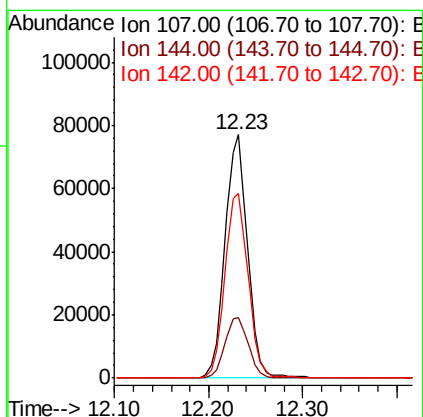
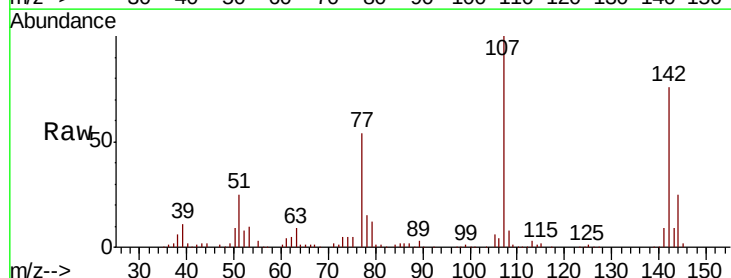
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

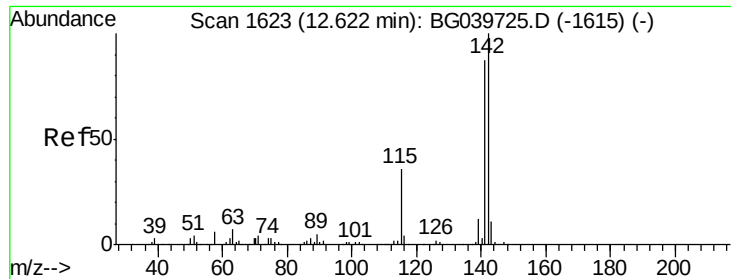
Tot Ion:113 Resp: 24290
Ion Ratio Lower Upper
113 100
55 233.2 216.9 256.9
56 176.1 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 43.990 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:107 Resp: 128804
Ion Ratio Lower Upper
107 100
144 24.9 20.2 30.2
142 75.9 61.4 92.2

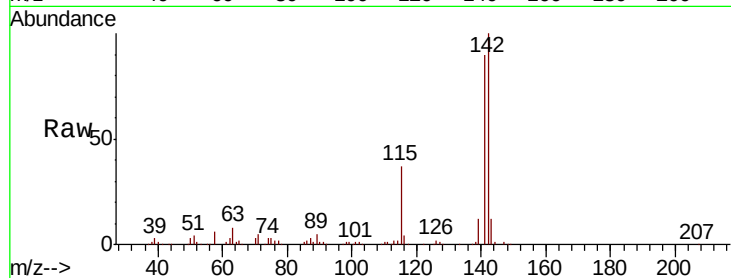




#37
2-Methylnaphthalene
Concen: 42.531 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	36.8	30.8	46.2

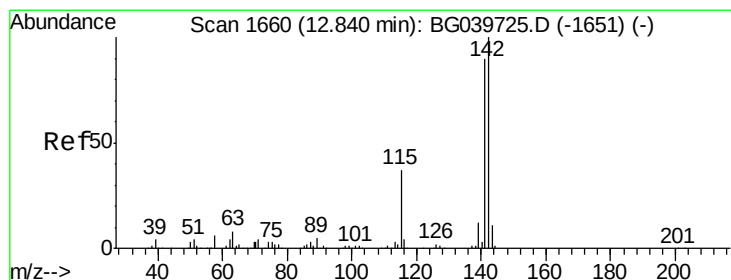
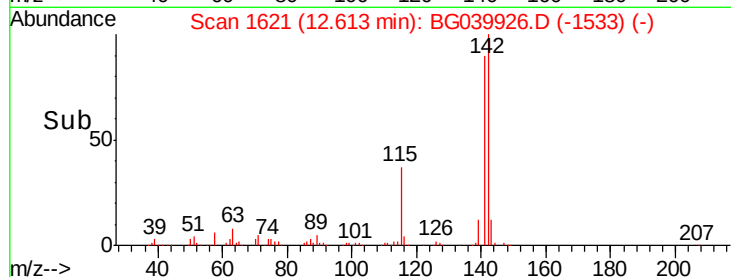
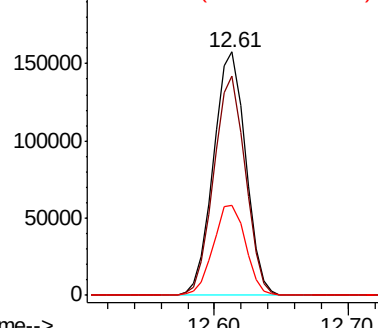


Abundance

Ion 142.00 (141.70 to 142.70): E

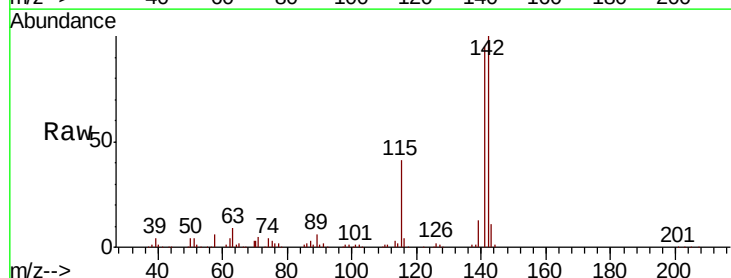
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.398 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	74.2	111.4
116	3.9	3.0	4.6

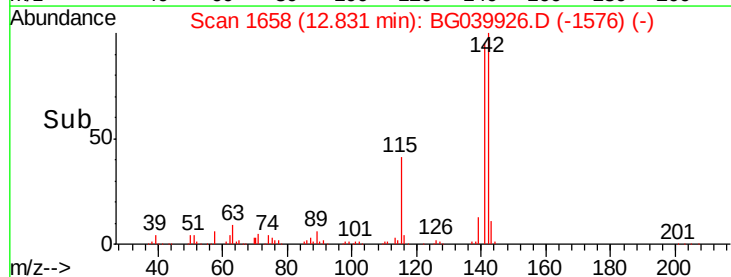
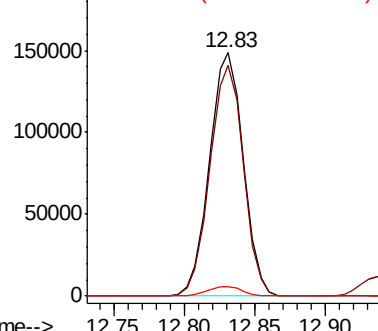


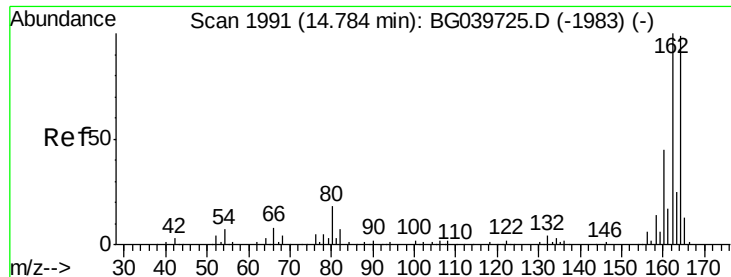
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

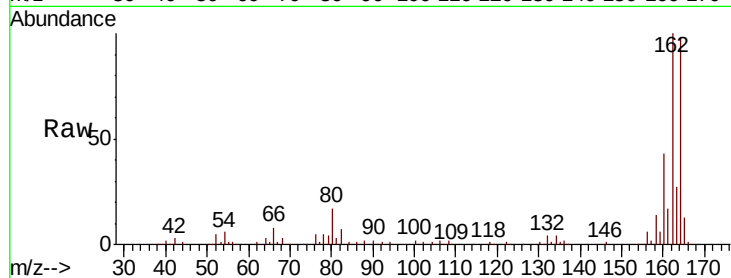
Tot Ion:164 Resp: 107098

Ion Ratio Lower Upper

164 100

162 102.5 81.6 122.4

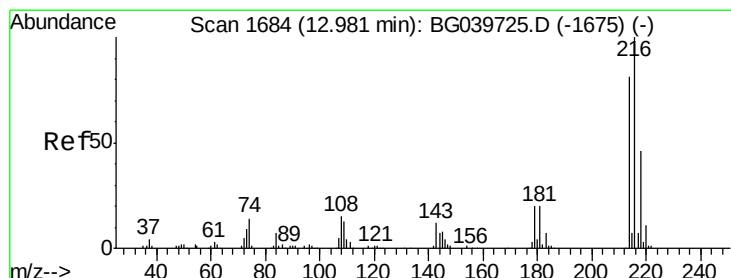
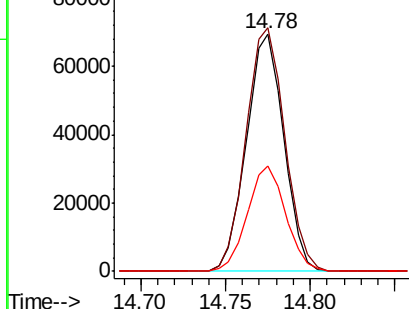
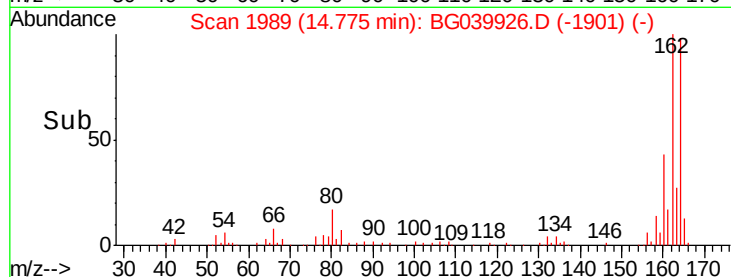
160 44.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.035 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:216 Resp: 145255

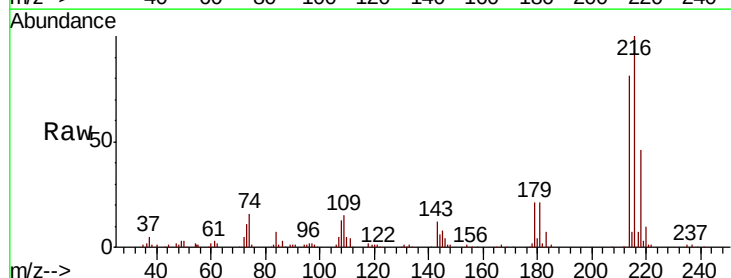
Ion Ratio Lower Upper

216 100

214 80.0 62.6 94.0

179 20.6 16.6 25.0

108 18.4 14.0 21.0

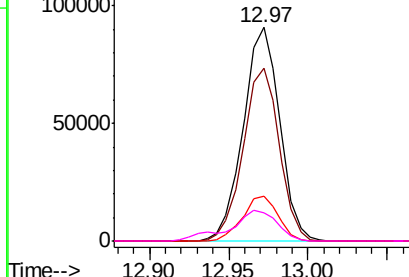
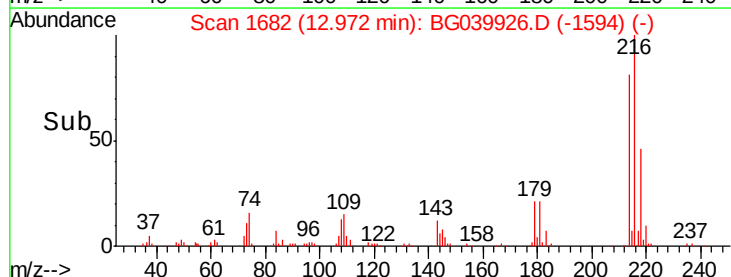


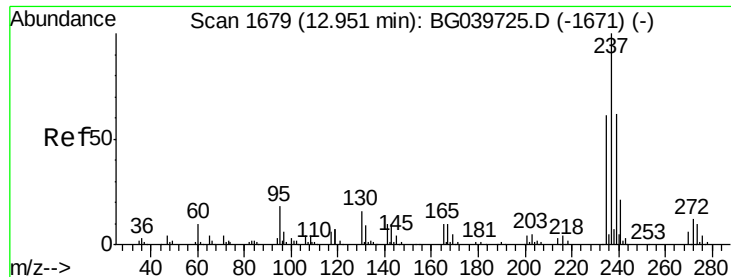
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.983 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

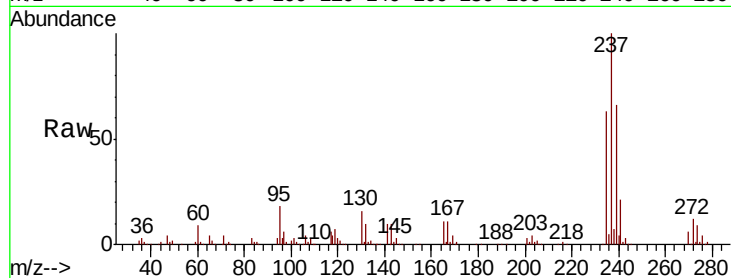
Tot Ion:237 Resp: 188572

Ion Ratio Lower Upper

237 100

235 62.7 43.3 83.3

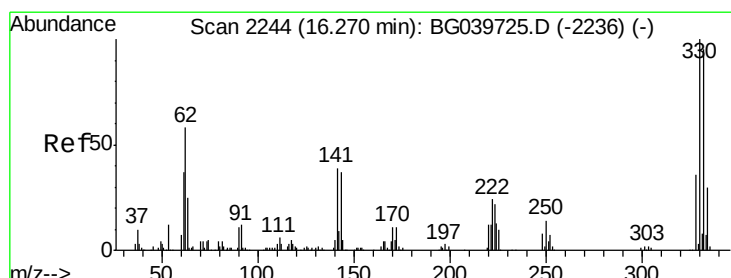
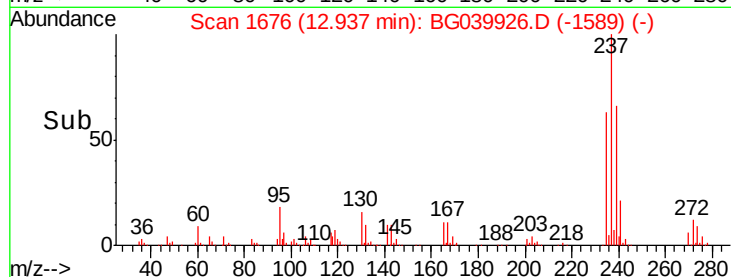
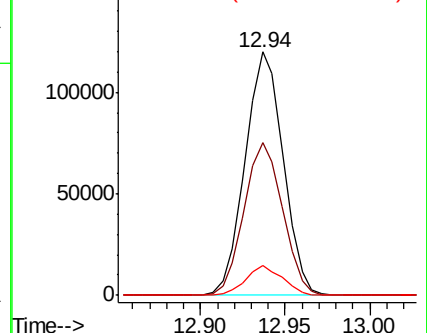
272 12.1 0.0 32.3



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: 136.668 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

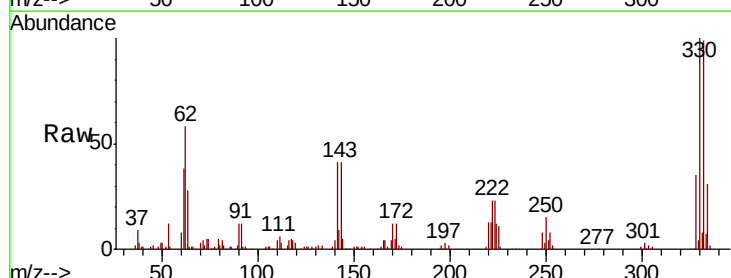
Tgt Ion:330 Resp: 170604

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

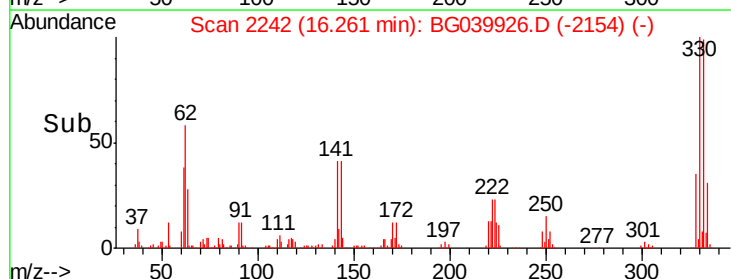
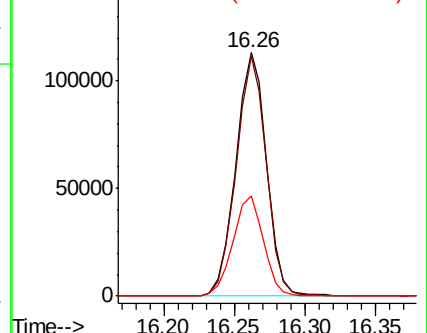
141 41.0 35.6 53.4

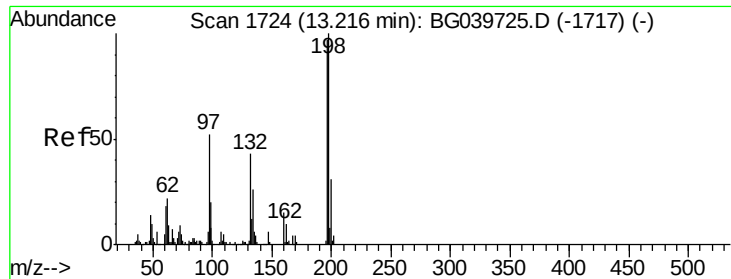


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

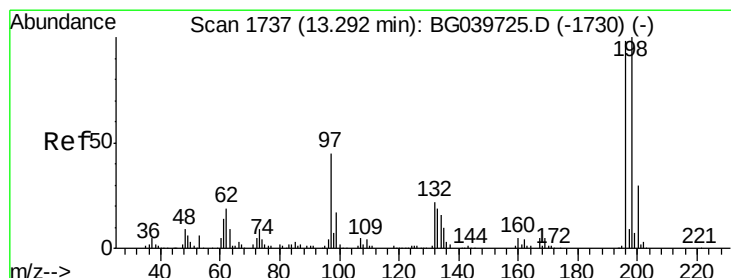
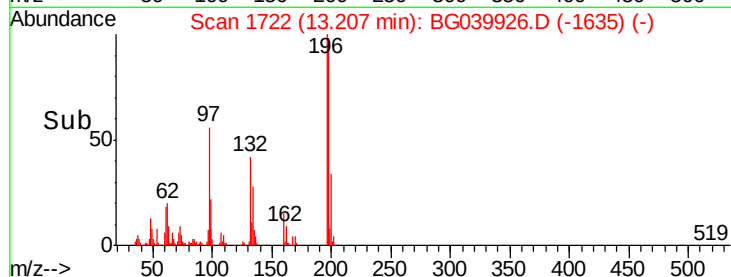
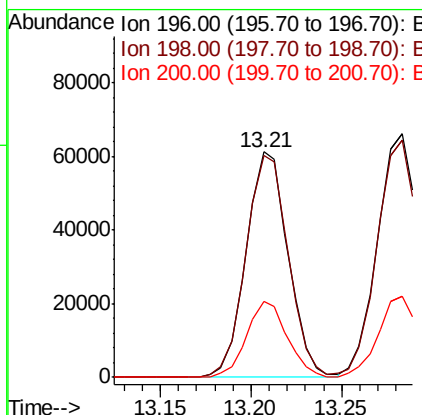
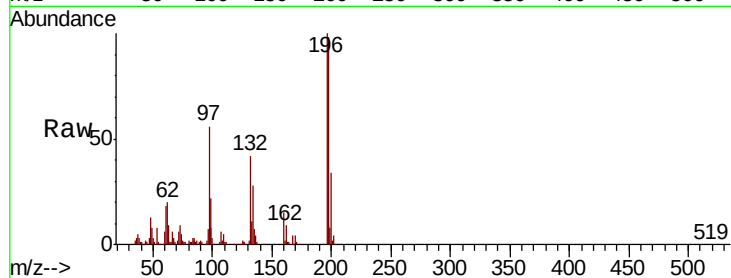




#43
 2,4,6-Trichlorophenol
 Concen: 46.454 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

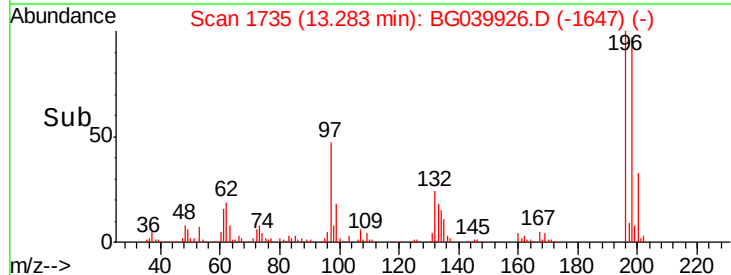
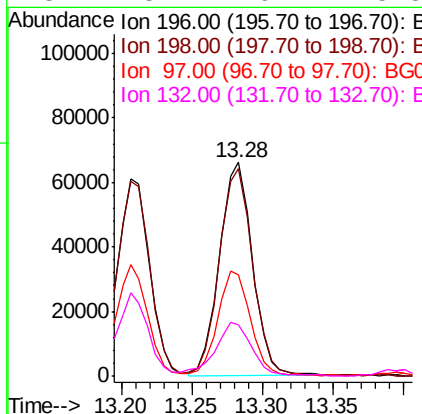
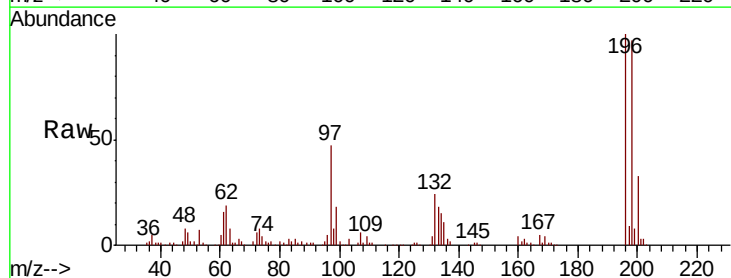
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

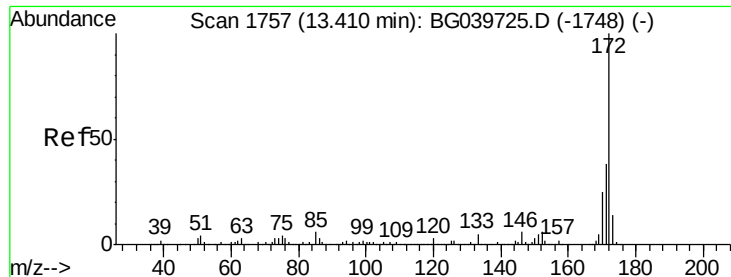
Tot Ion:196 Resp: 98675
 Ion Ratio Lower Upper
 196 100
 198 98.4 80.6 121.0
 200 33.5 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.663 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion:196 Resp: 106936
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.5 117.7
 97 47.3 38.4 57.6
 132 23.7 19.2 28.8

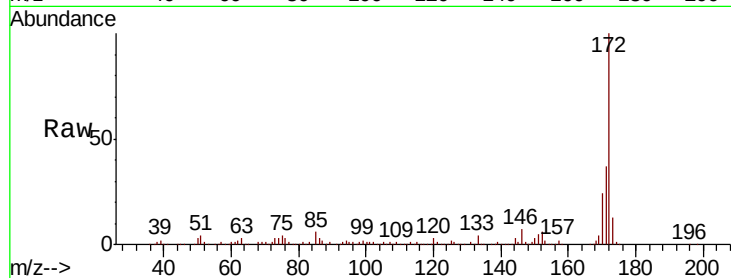




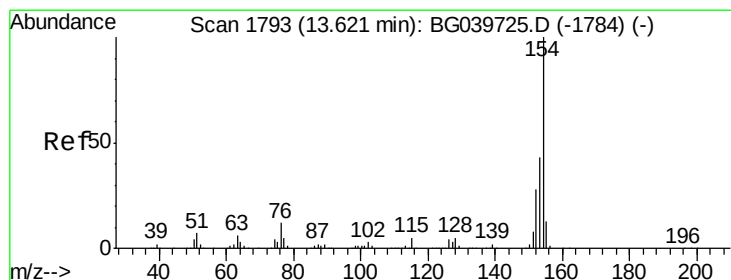
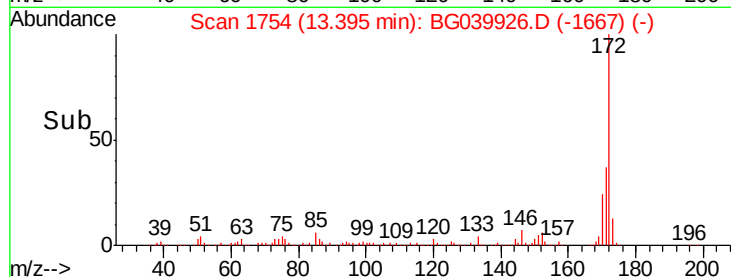
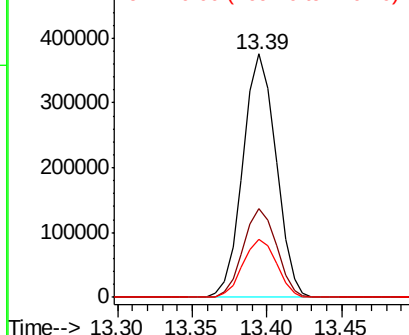
#45
2-Fluorobiphenyl
Concen: 76.969 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:172 Resp: 578946
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 23.8 20.2 30.4

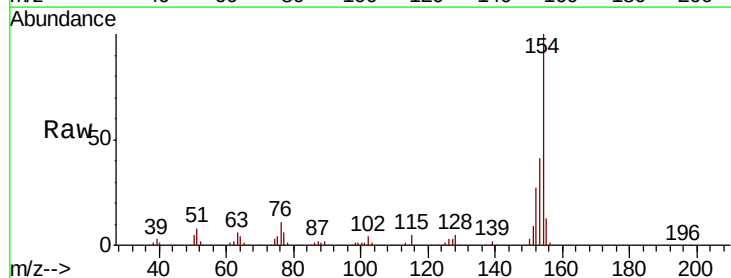


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

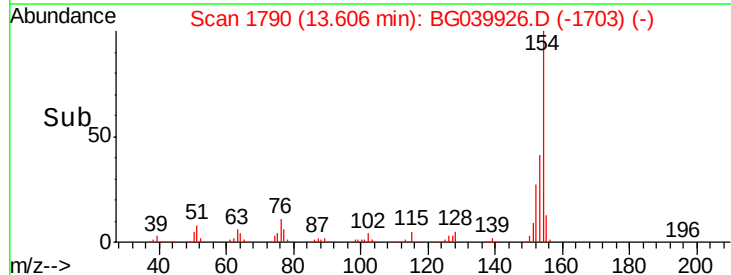
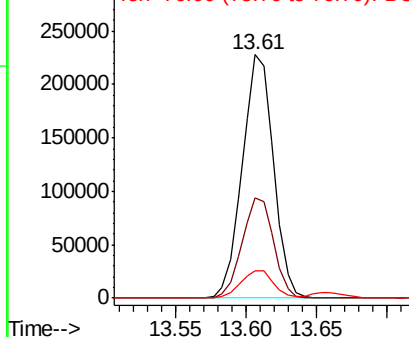


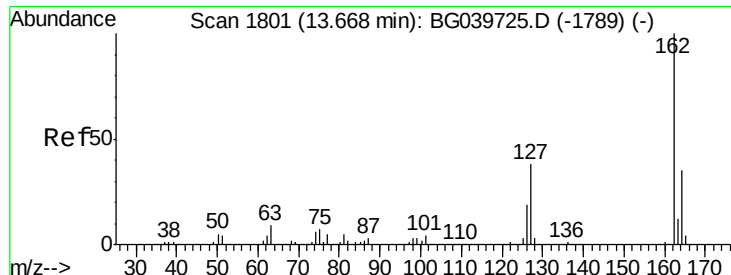
#46
1,1'-Biphenyl
Concen: 39.910 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:154 Resp: 351553
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 11.2 0.0 32.4



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

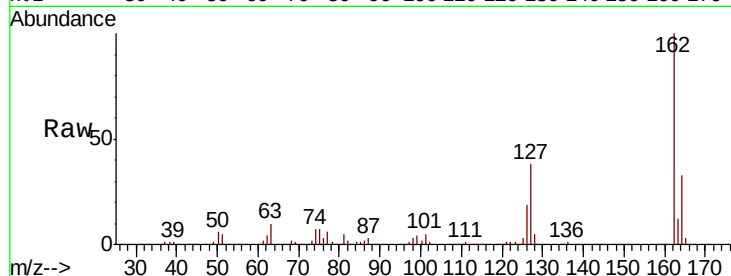




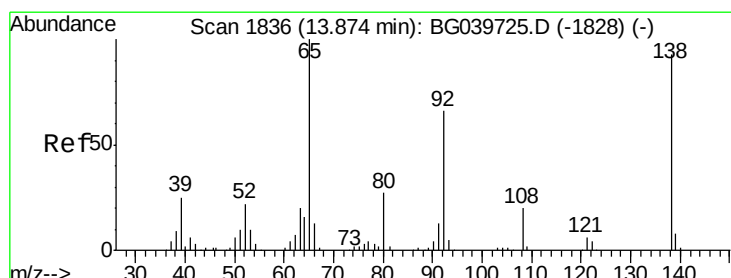
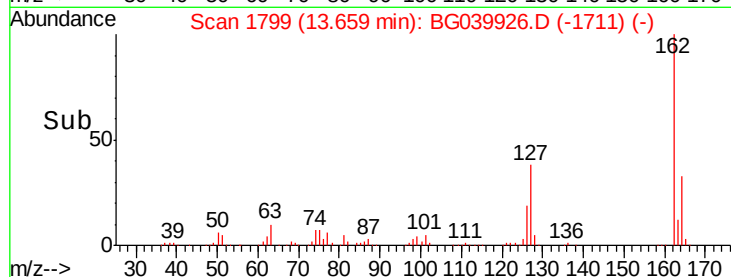
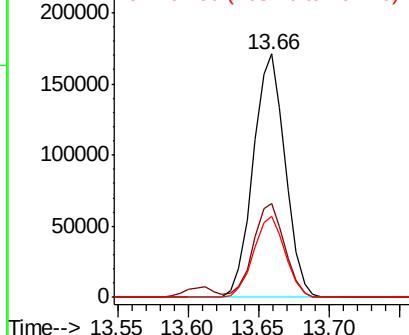
#47
2-Chloronaphthalene
Concen: 41.010 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:162 Resp: 271759
Ion Ratio Lower Upper
162 100
127 38.5 31.0 46.6
164 33.2 25.7 38.5

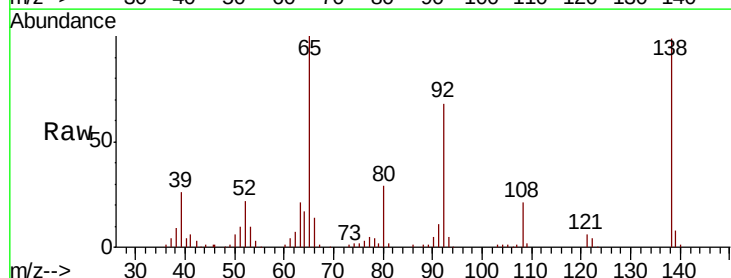


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

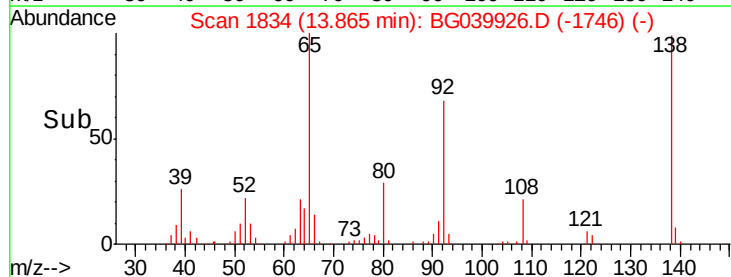
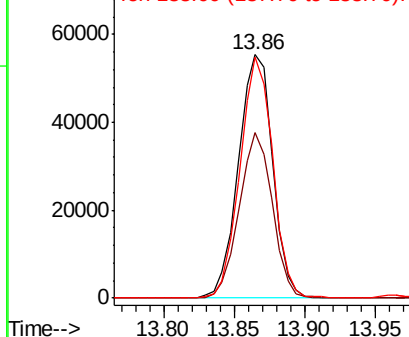


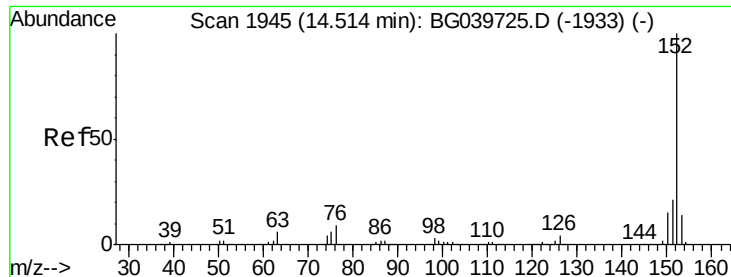
#48
2-Nitroaniline
Concen: 44.100 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion: 65 Resp: 93916
Ion Ratio Lower Upper
65 100
92 68.1 51.4 77.2
138 98.9 71.4 107.2



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





#49

Acenaphthylene

Concen: 39.859 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

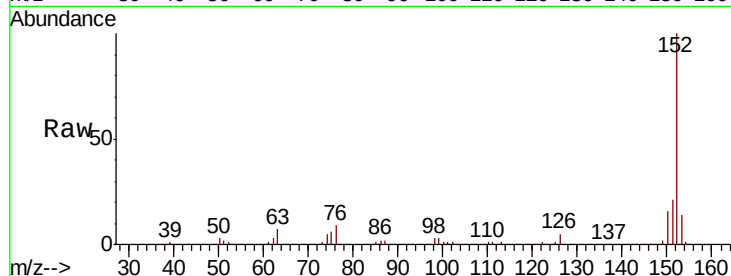
Tot Ion:152 Resp: 433597

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

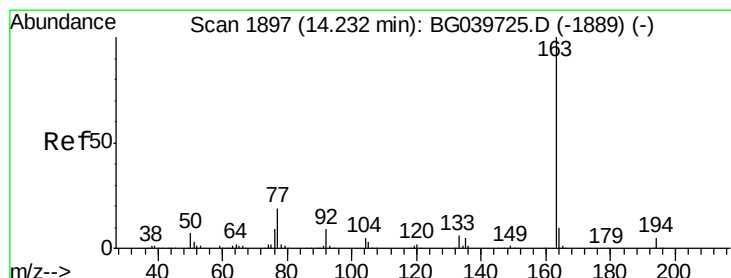
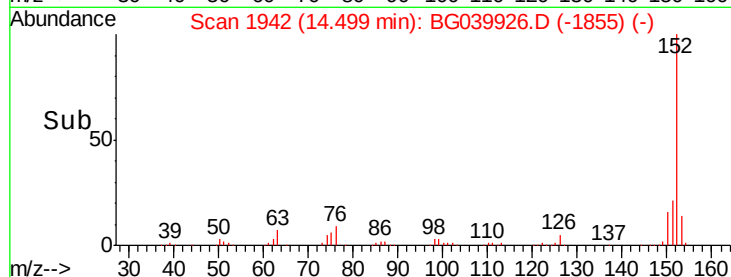
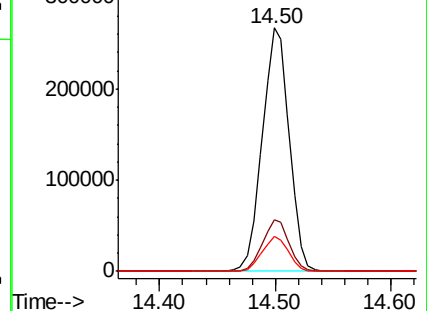
153 14.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.961 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

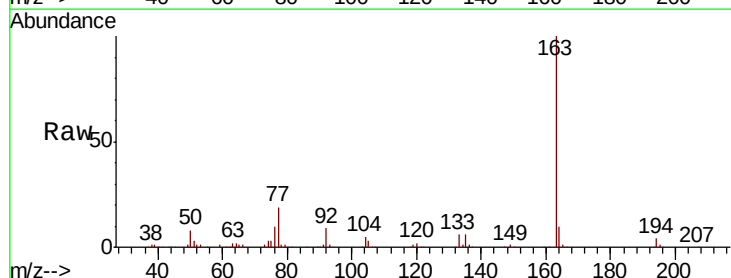
Tgt Ion:163 Resp: 366825

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

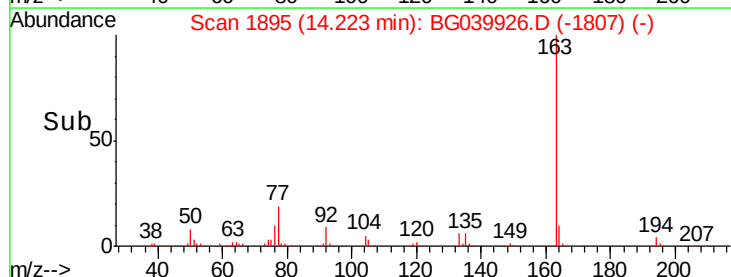
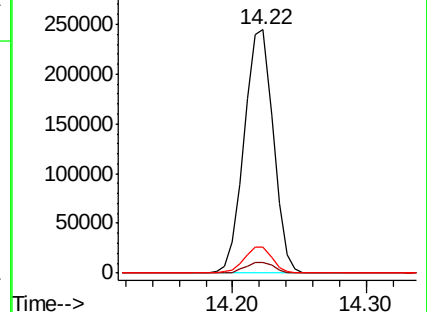
164 10.5 8.4 12.6

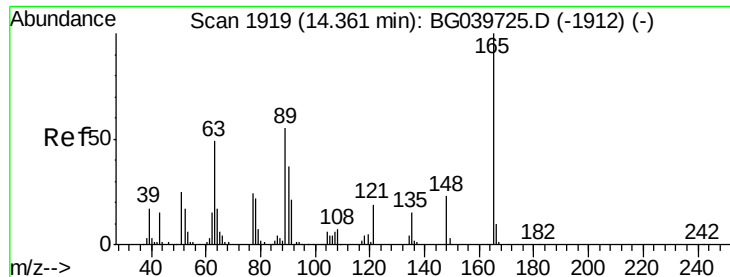


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

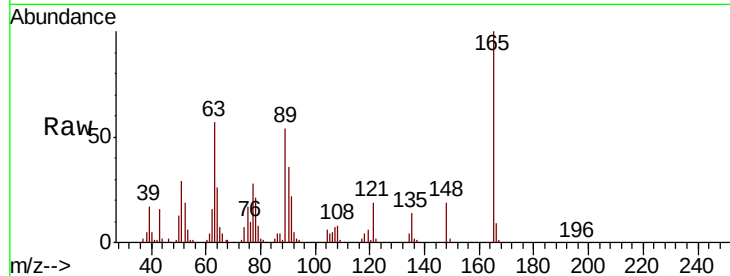




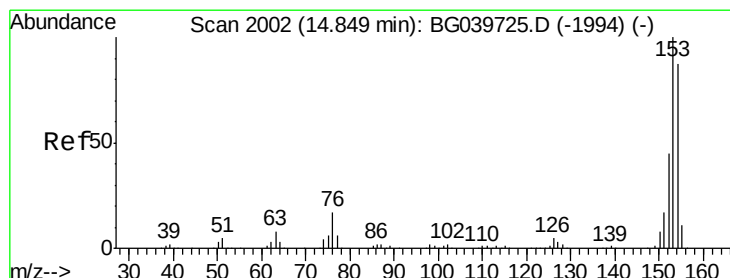
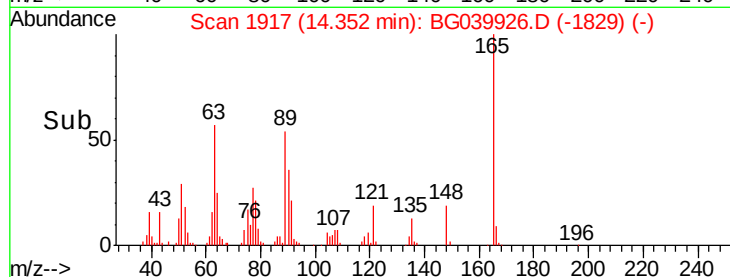
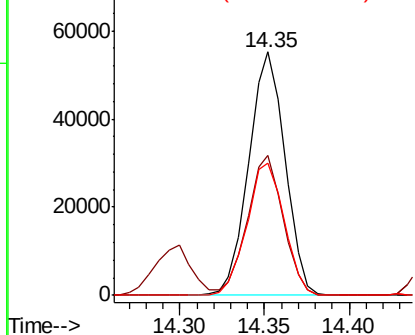
#51
 2,6-Dinitrotoluene
 Concen: 43.494 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

Tot Ion:165 Resp: 82574
 Ion Ratio Lower Upper
 165 100
 63 57.3 47.0 70.6
 89 54.4 45.8 68.8

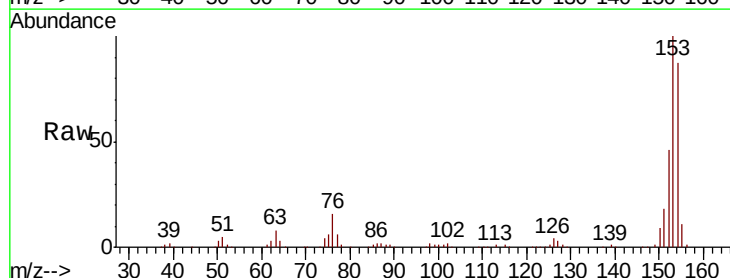


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

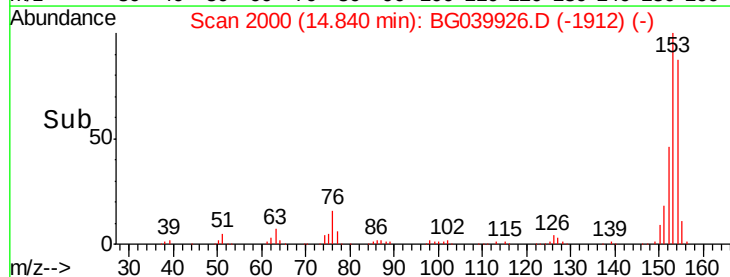
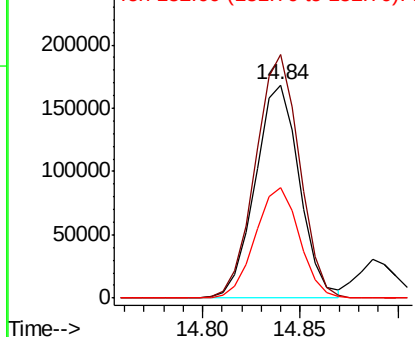


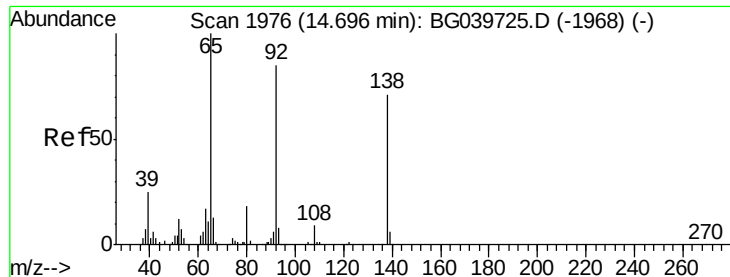
#52
 Acenaphthene
 Concen: 40.335 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion:154 Resp: 264089
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.1 135.1
 152 52.1 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.688 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

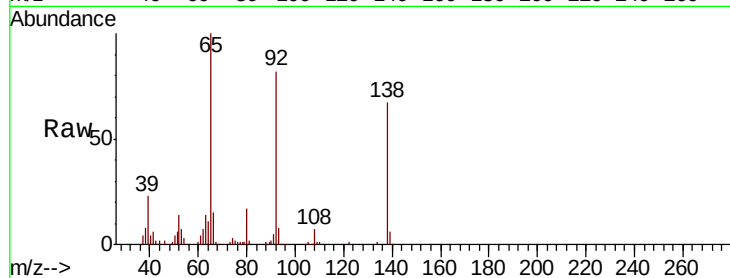
Tot Ion:138 Resp: 54749

Ion Ratio Lower Upper

138 100

108 9.9 13.8 20.8#

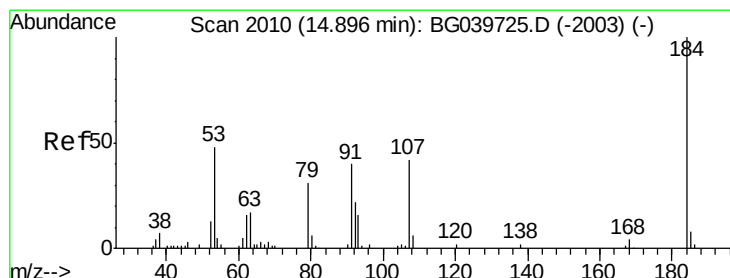
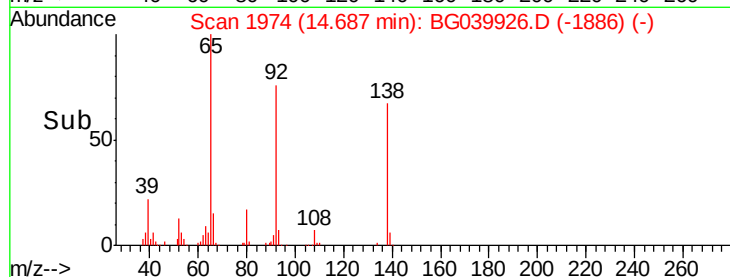
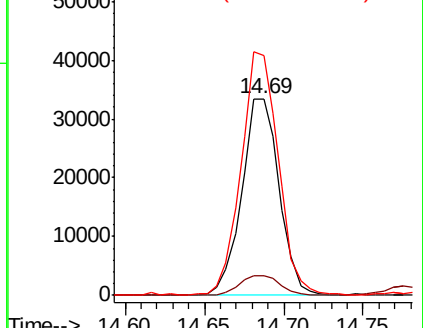
92 121.8 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 62.243 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

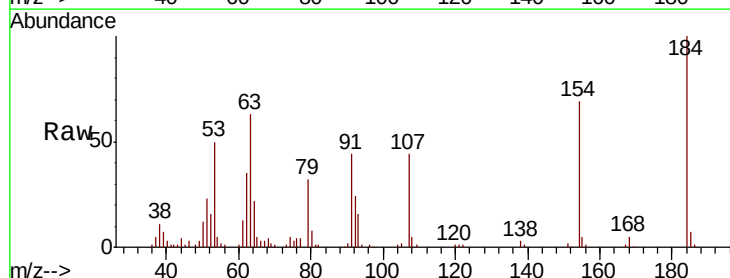
Tgt Ion:184 Resp: 73026

Ion Ratio Lower Upper

184 100

63 63.1 50.9 76.3

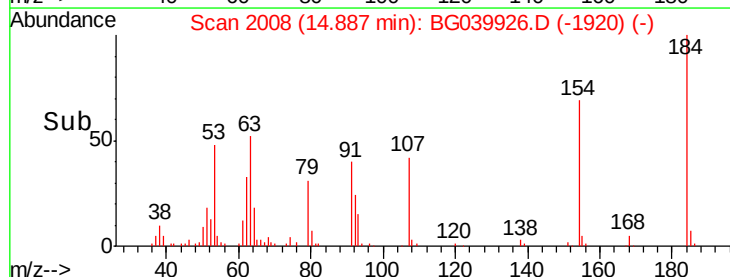
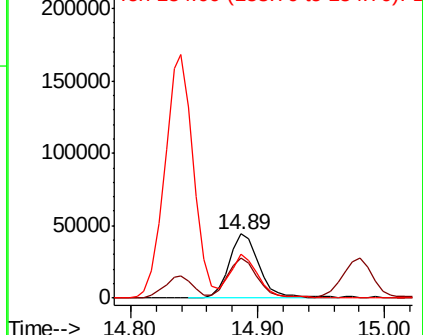
154 69.4 53.0 79.6

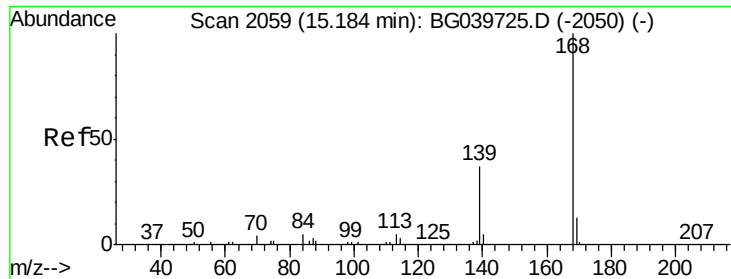


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

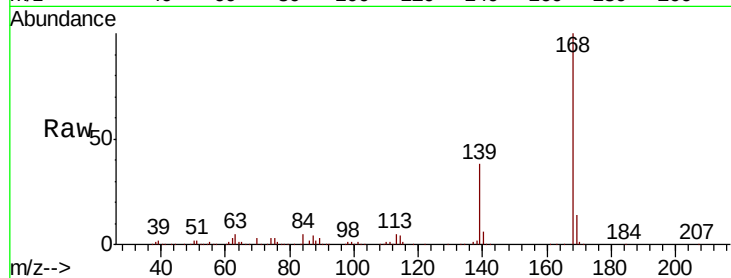




#55
Dibenzenofuran
Concen: 40.869 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	14.4	10.6	16.0

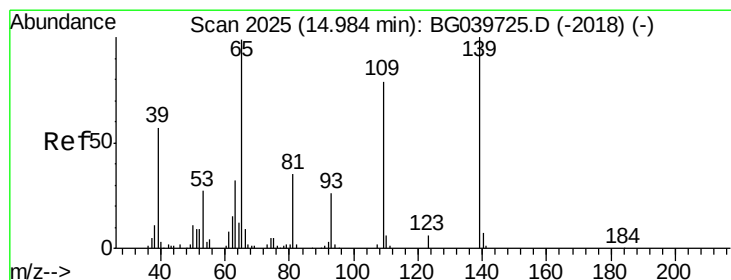
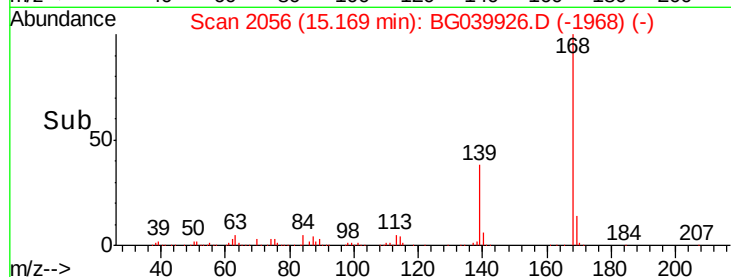
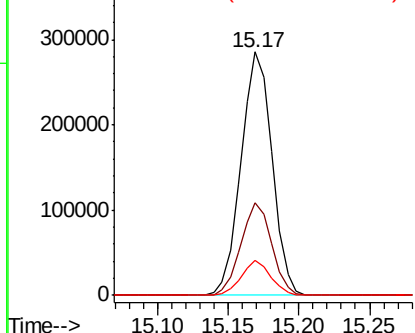


Abundance

Ion 168.00 (167.70 to 168.70): E

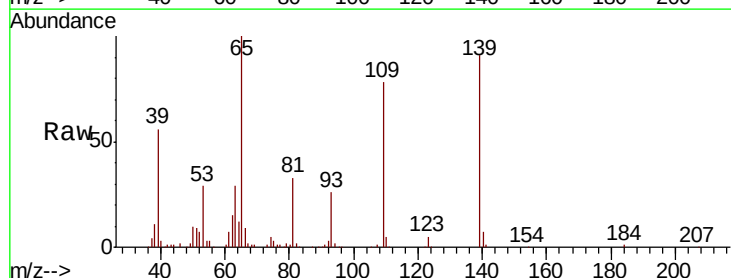
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.488 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.8	61.9	101.9
65	110.0	99.1	139.1

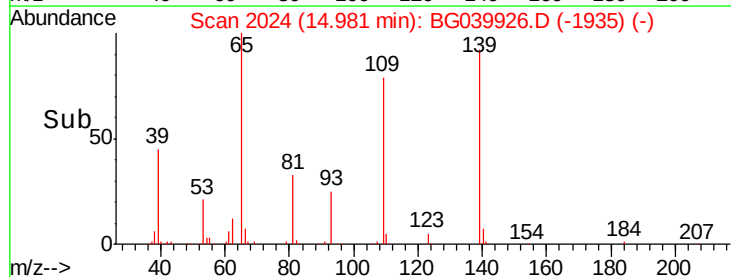
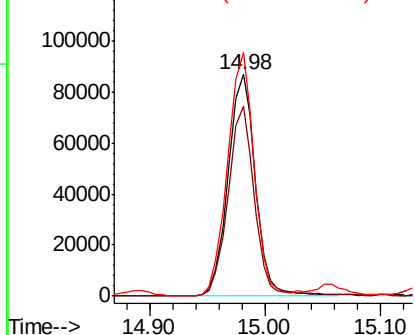


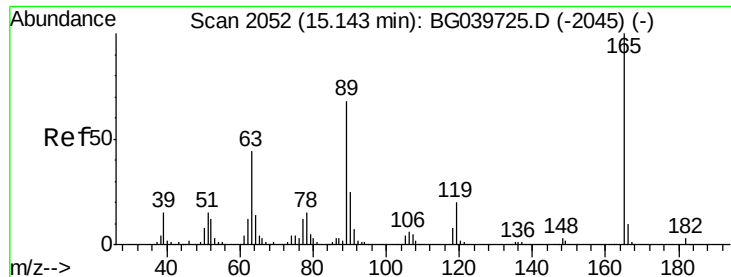
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 43.937 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

Tot Ion:165 Resp: 117207

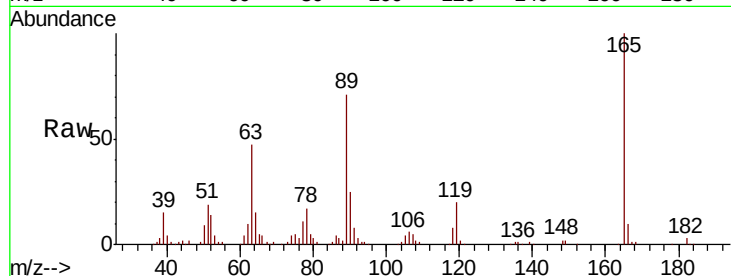
Ion Ratio Lower Upper

165 100

63 46.6 41.0 61.6

89 70.9 64.6 96.8

182 2.8 2.0 3.0

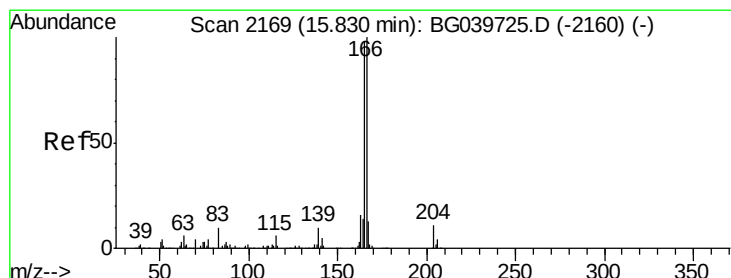
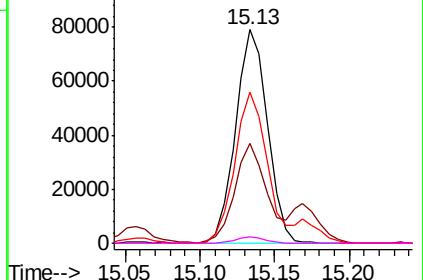
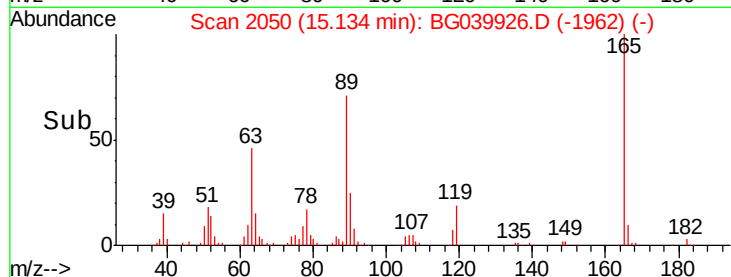


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.957 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

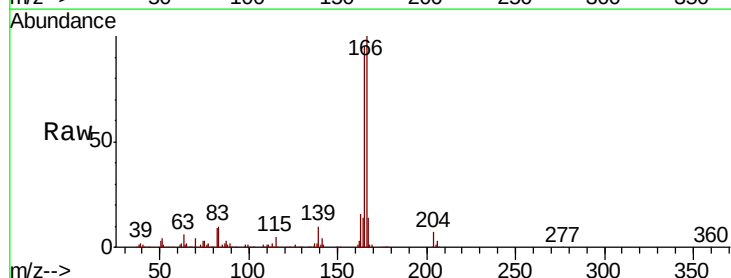
Tgt Ion:166 Resp: 345879

Ion Ratio Lower Upper

166 100

165 95.4 77.9 116.9

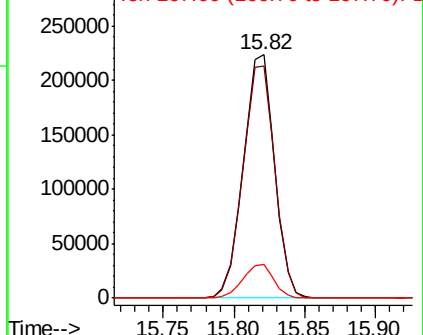
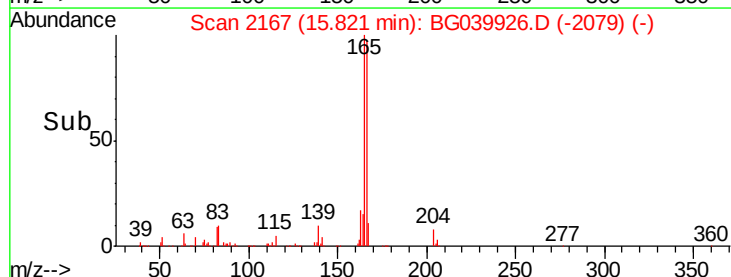
167 13.7 10.8 16.2

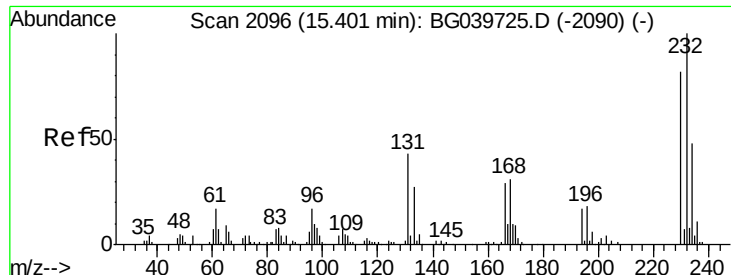


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

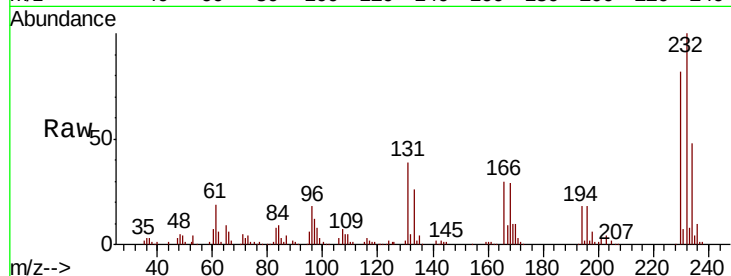




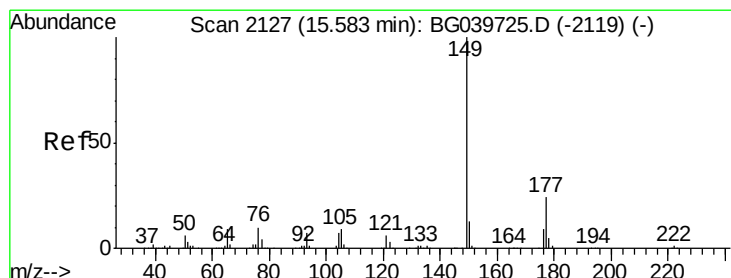
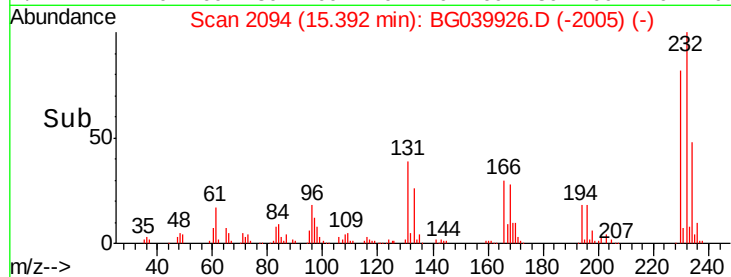
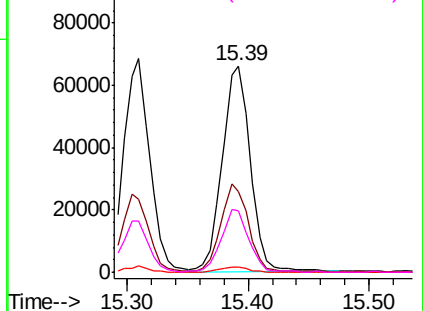
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.173 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:	232	Resp:	105629
Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.6	2.0	3.0
166	29.7	24.1	36.1

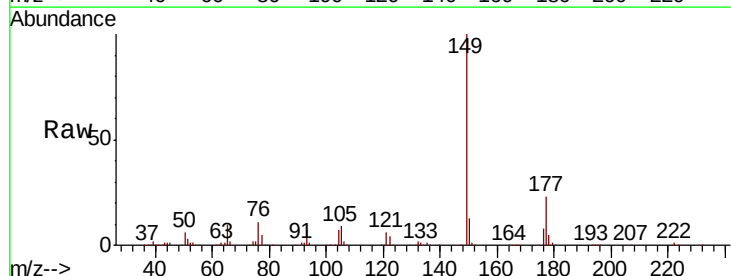


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

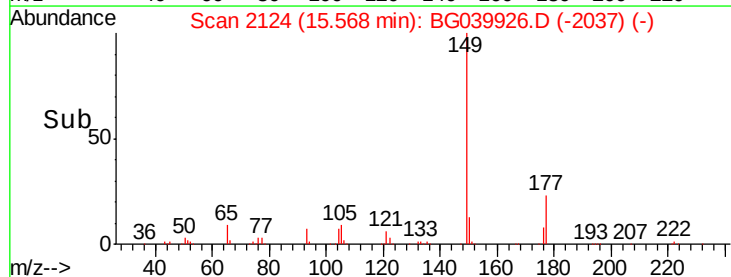
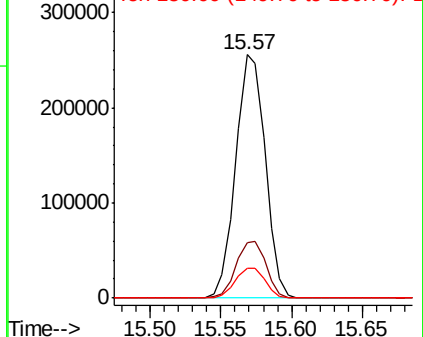


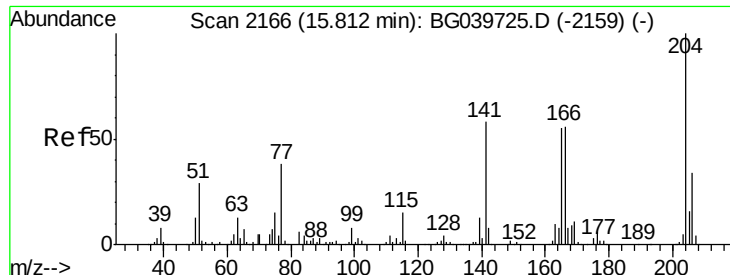
#60
Diethylphthalate
Concen: 42.179 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:	149	Resp:	373926
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.5	10.2	15.2



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

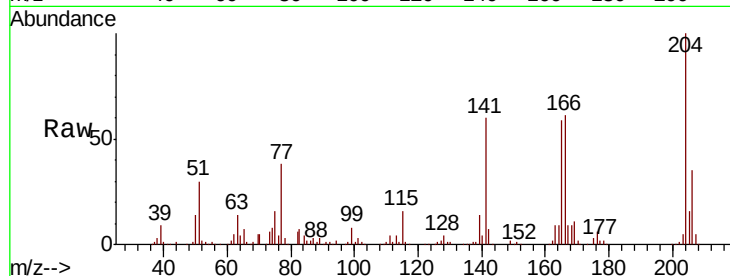




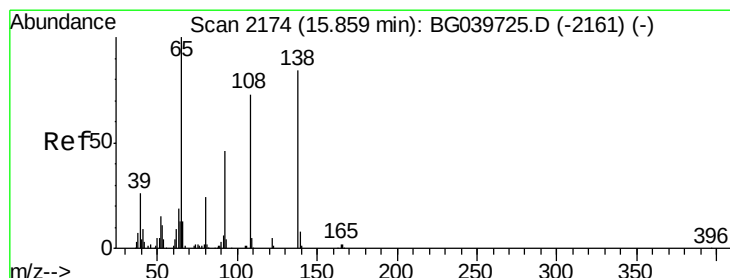
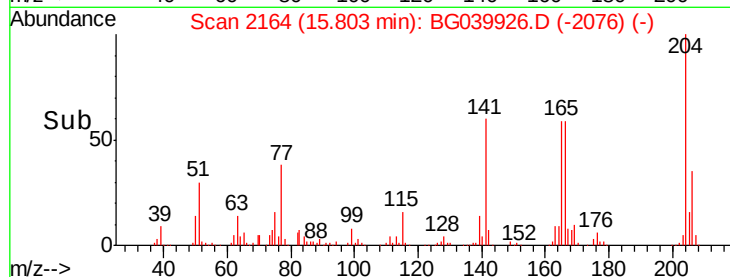
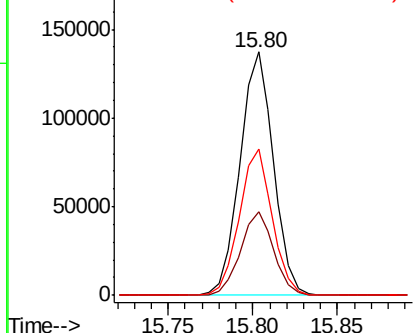
#61
4-Chlorophenyl-phenylether
Concen: 41.754 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:204 Resp: 188160
Ion Ratio Lower Upper
204 100
206 34.5 29.2 43.8
141 60.2 49.0 73.4

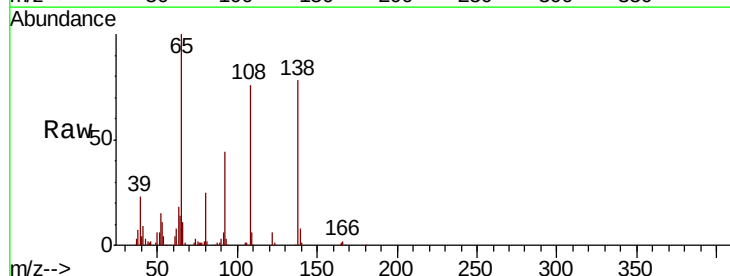


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

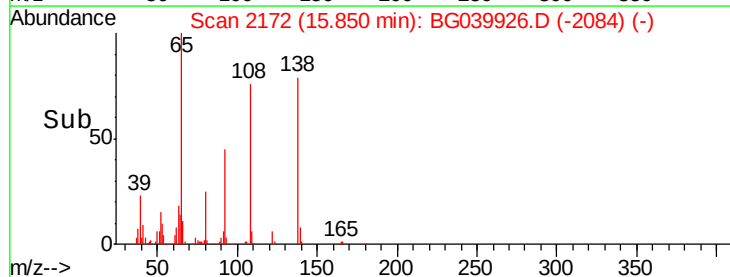
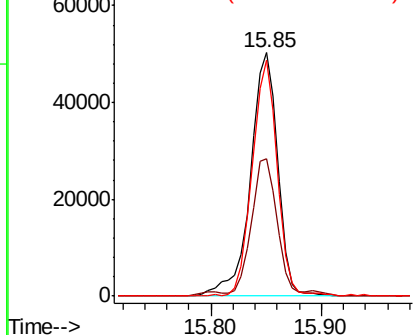


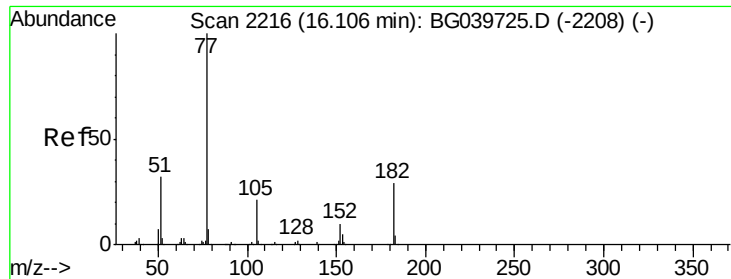
#62
4-Nitroaniline
Concen: 42.215 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:138 Resp: 87339
Ion Ratio Lower Upper
138 100
92 56.5 38.7 78.7
108 96.9 74.6 114.6



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

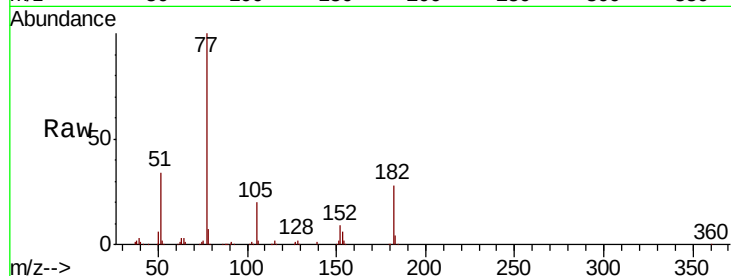




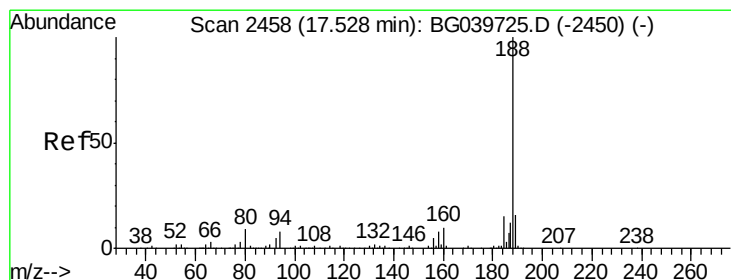
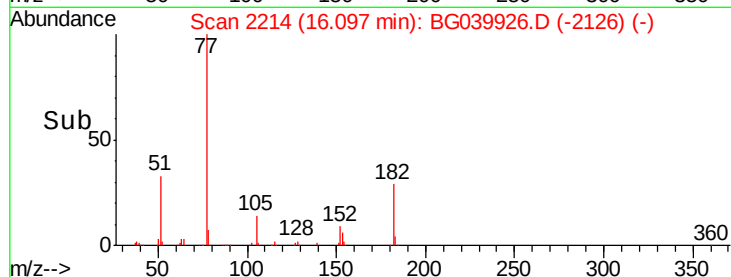
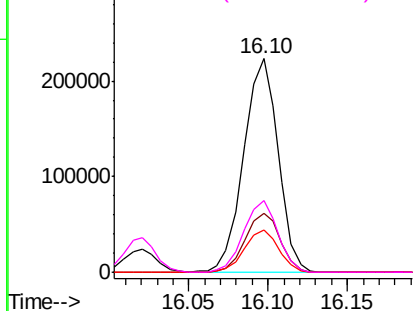
#63
Azobenzene
Concen: 41.780 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:	77	Resp:	335753
Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.4	46.4
105	20.1	0.0	39.8
51	33.5	14.1	54.1

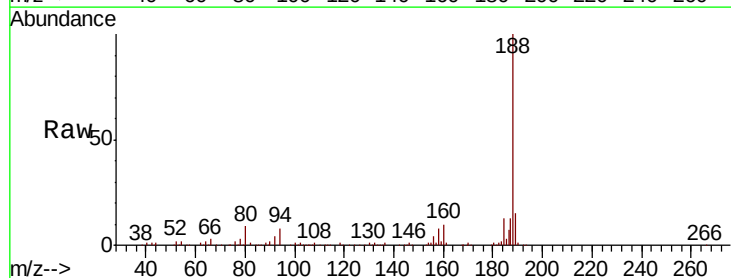


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

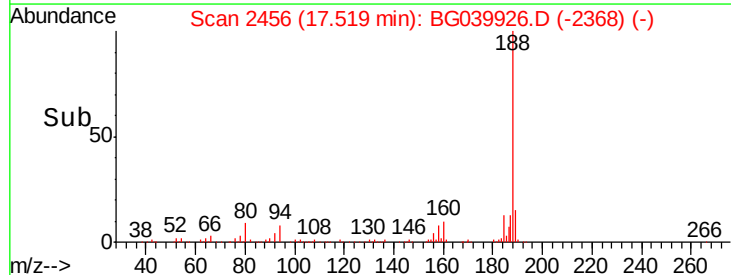
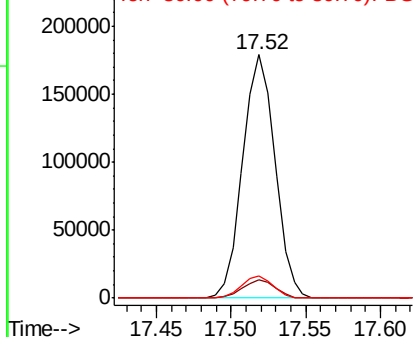


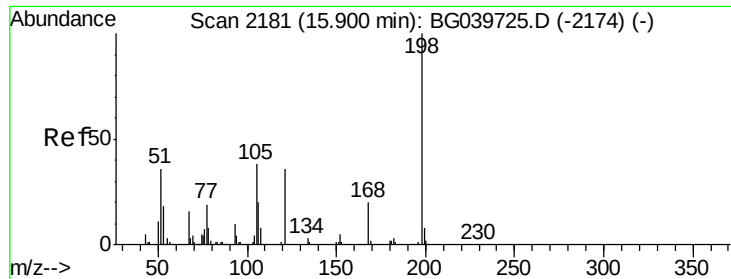
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:	188	Resp:	268586
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.9	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

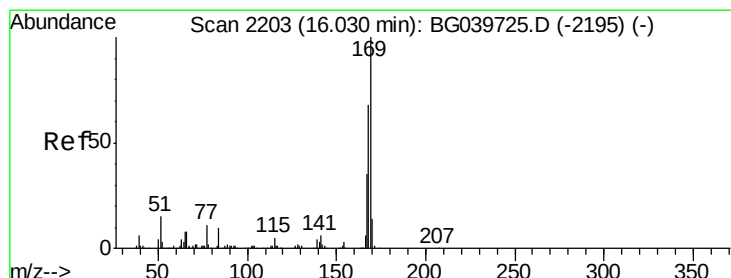
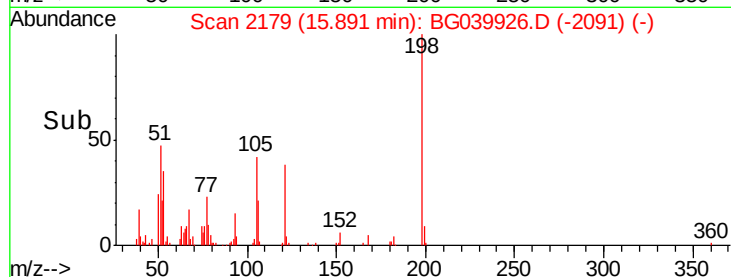
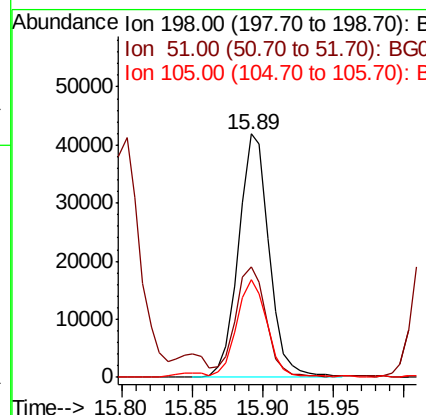
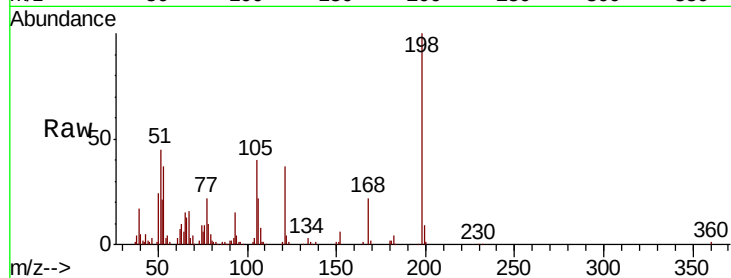




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.927 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

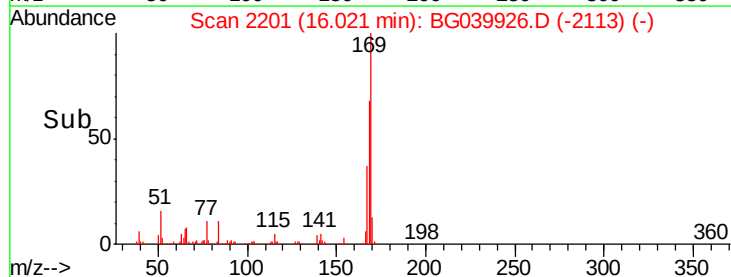
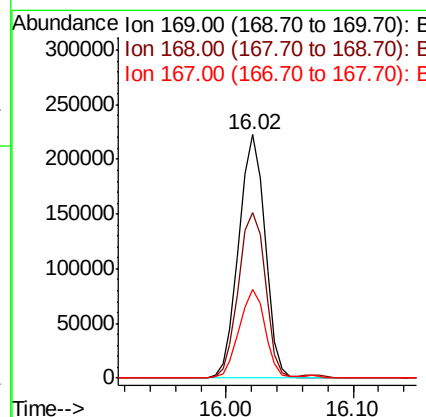
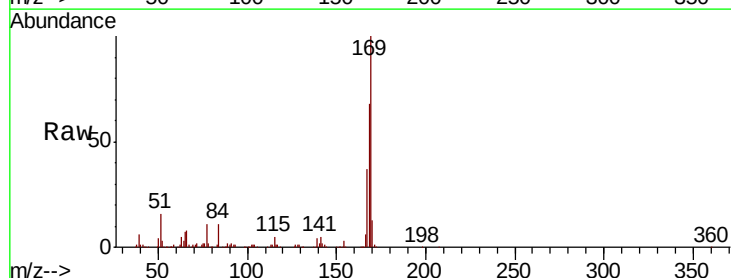
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

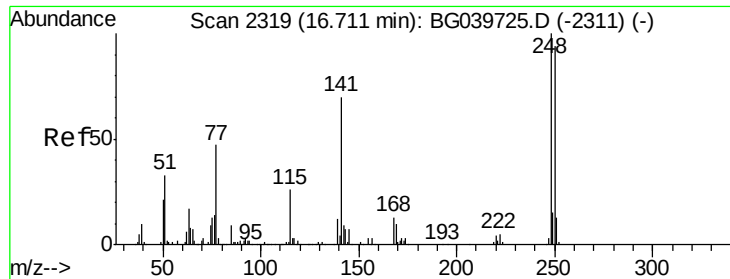
Tot Ion:198 Resp: 63406
 Ion Ratio Lower Upper
 198 100
 51 45.4 27.4 67.4
 105 40.3 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.104 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion:169 Resp: 319607
 Ion Ratio Lower Upper
 169 100
 168 67.9 56.6 85.0
 167 36.6 28.8 43.2

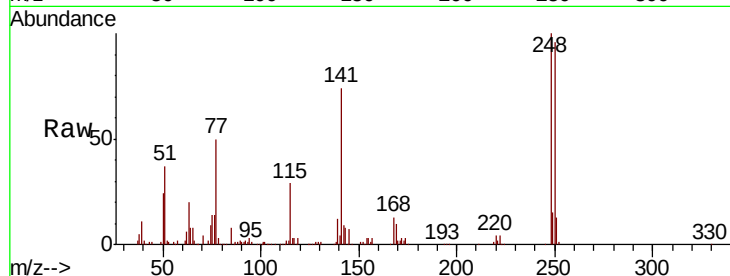




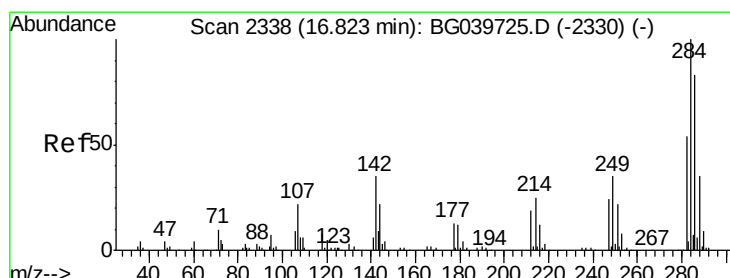
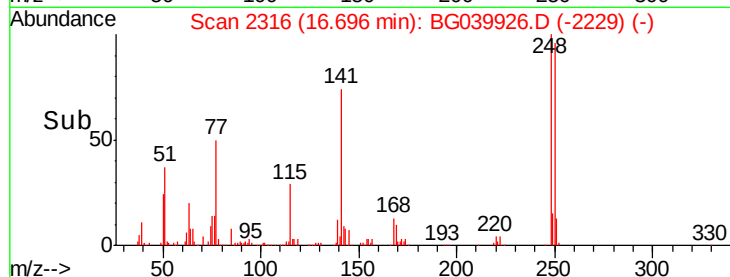
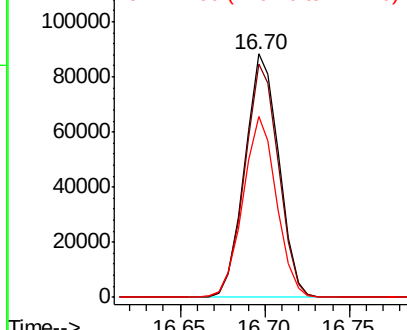
#67
4-Bromophenyl-phenylether
Concen: 41.130 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion:248 Resp: 123653
Ion Ratio Lower Upper
248 100
250 95.6 77.6 116.4
141 74.5 63.9 95.9

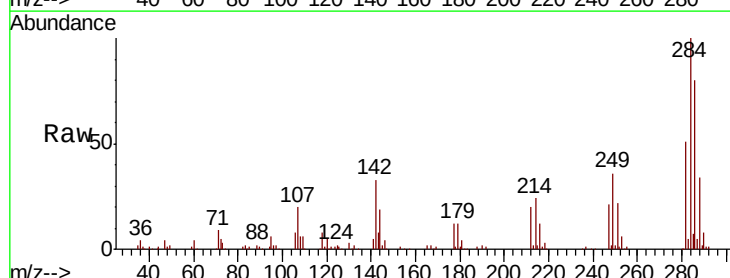


Abundance Ion 248.00 (247.70 to 248.70): E
120000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

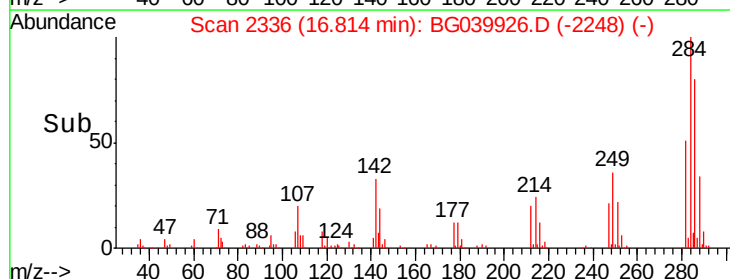
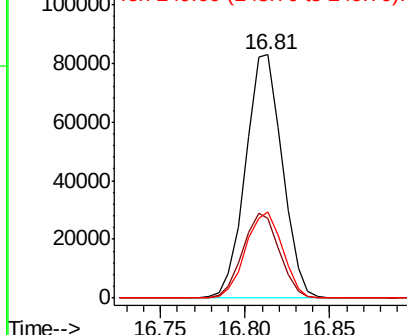


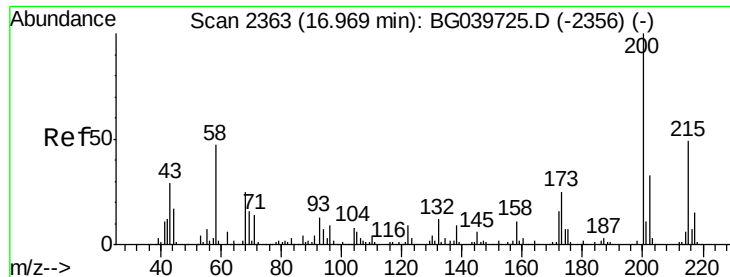
#68
Hexachlorobenzene
Concen: 40.333 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:284 Resp: 125690
Ion Ratio Lower Upper
284 100
142 32.7 30.6 45.8
249 35.6 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
100000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.168 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

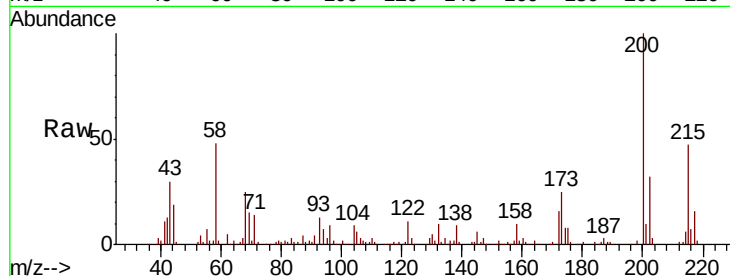
Tot Ion:200 Resp: 132102

Ion Ratio Lower Upper

200 100

173 24.9 3.9 43.9

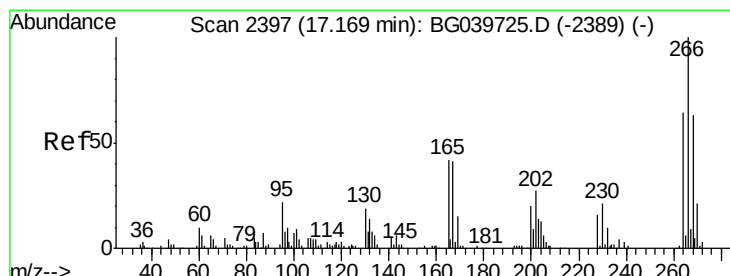
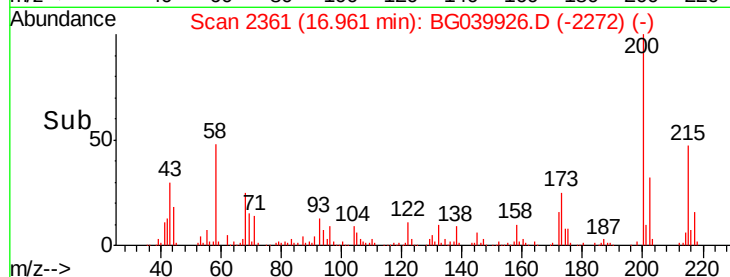
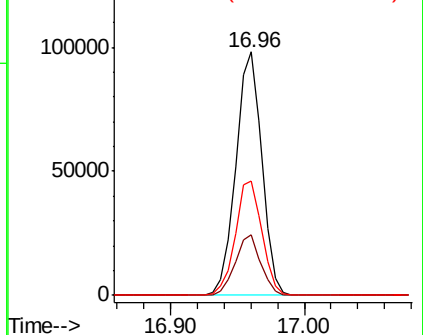
215 46.8 30.9 70.9



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: 82.850 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

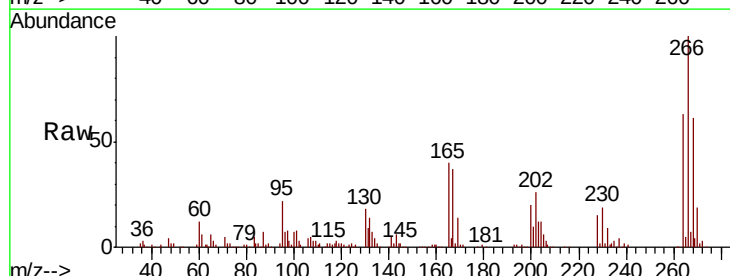
Tgt Ion:266 Resp: 163058

Ion Ratio Lower Upper

266 100

268 61.1 51.1 76.7

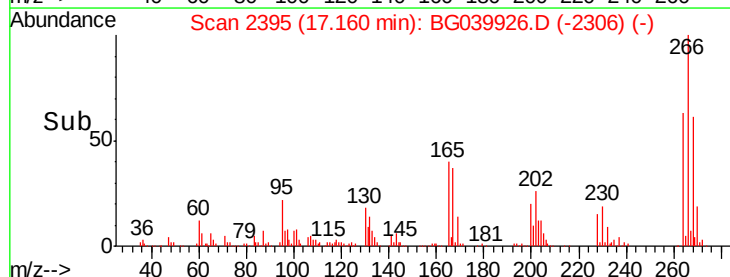
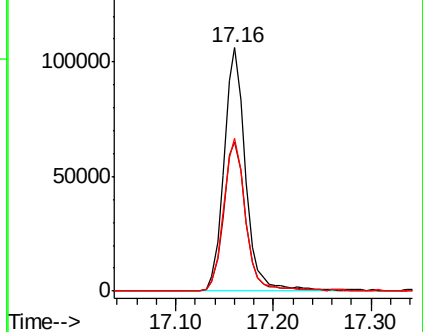
264 62.7 52.1 78.1

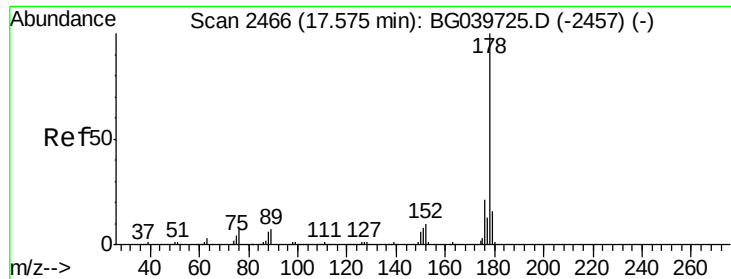


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

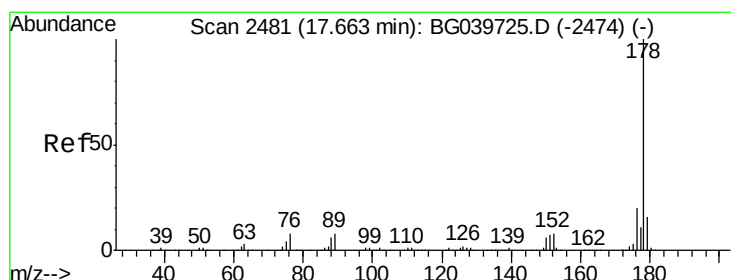
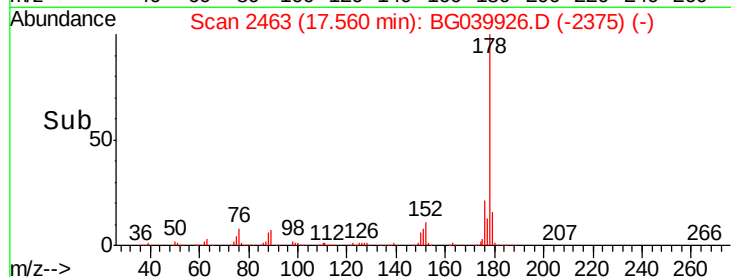
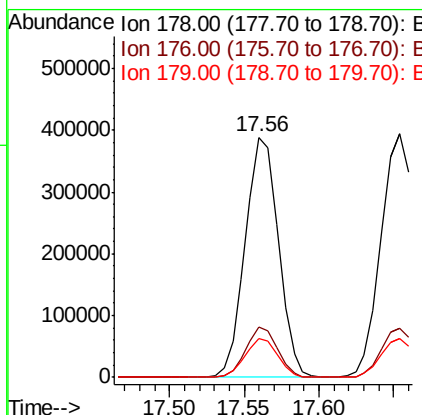
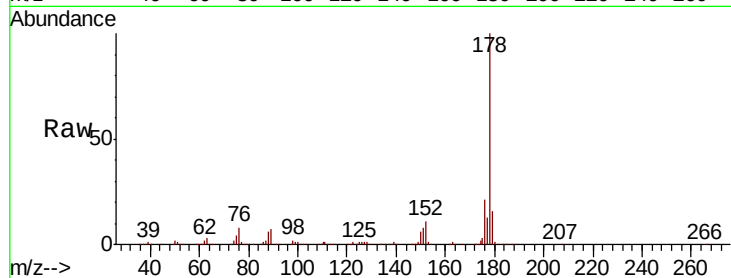




#71
Phenanthrene
Concen: 40.479 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

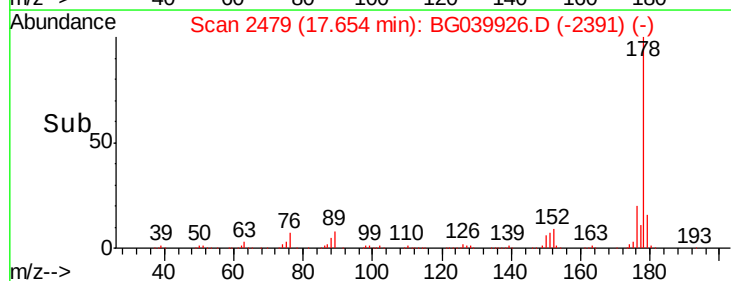
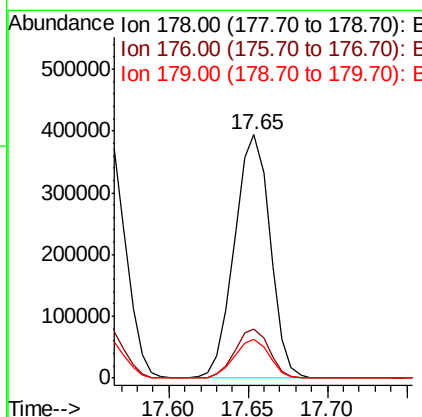
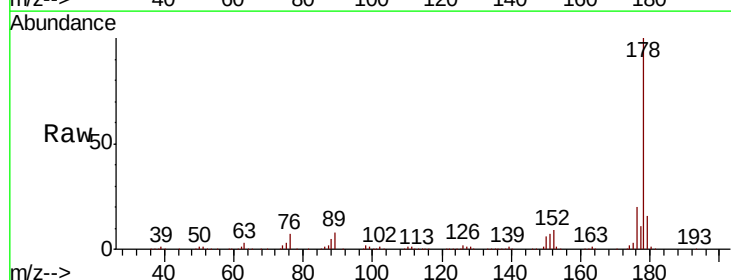
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

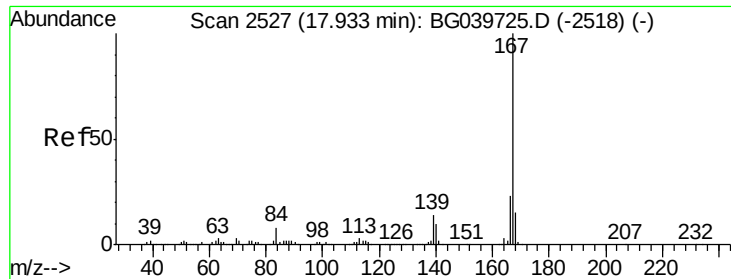
Tot Ion:178 Resp: 598846
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 42.499 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:178 Resp: 612692
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 15.7 12.5 18.7

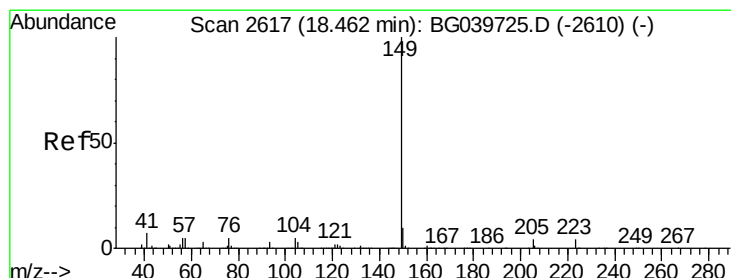
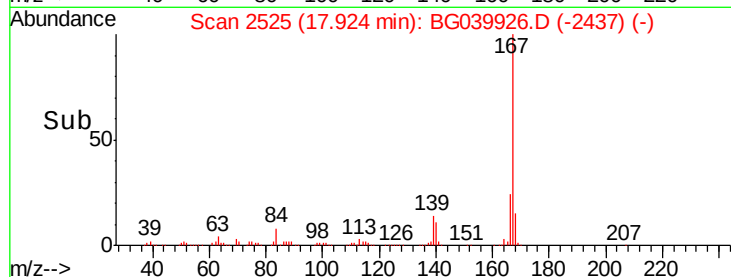
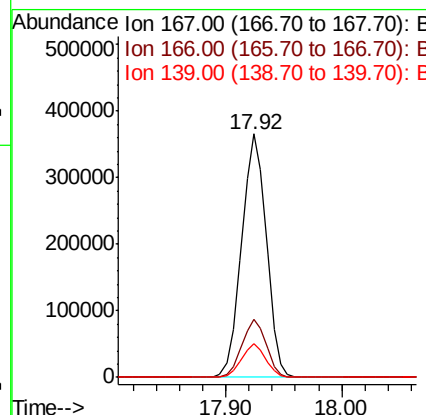
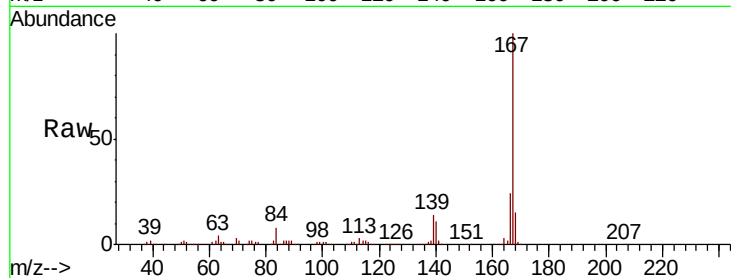




#73
 Carbazole
 Concen: 41.745 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

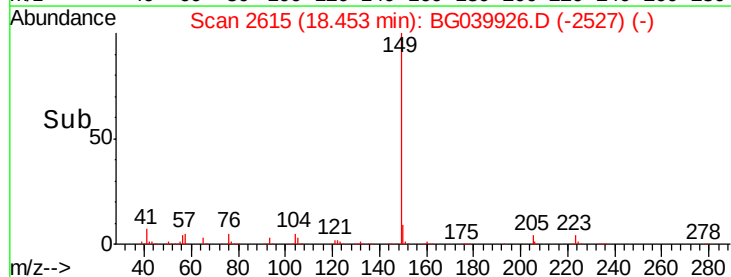
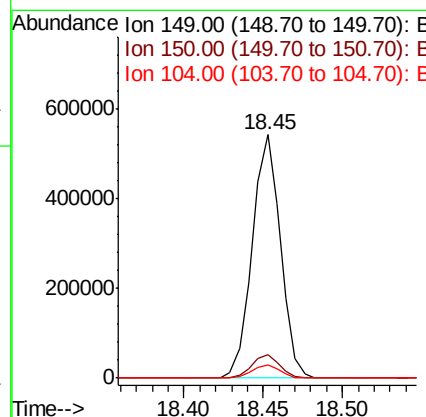
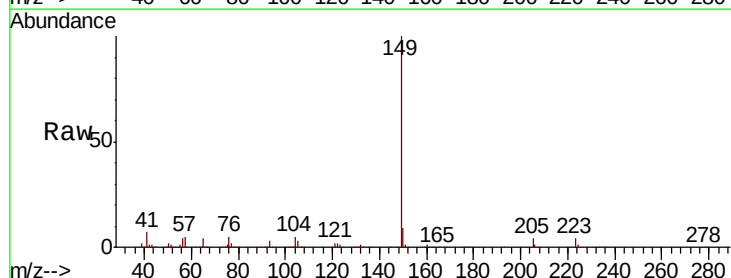
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BSD

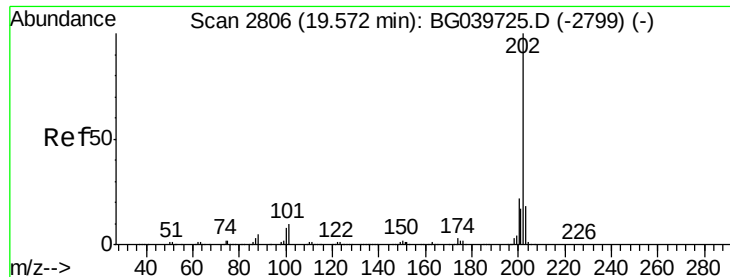
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.4	29.2
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 43.667 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039926.D
 Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 42.820 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

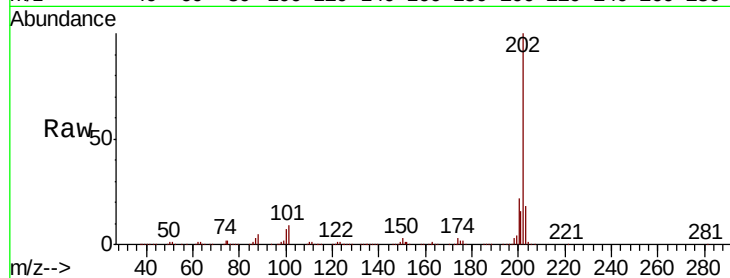
Tot Ion:202 Resp: 748653

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

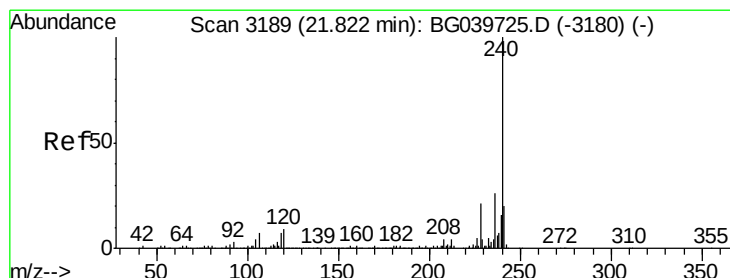
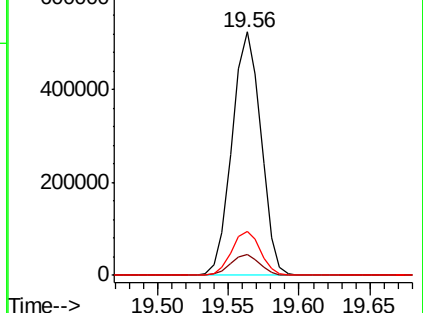
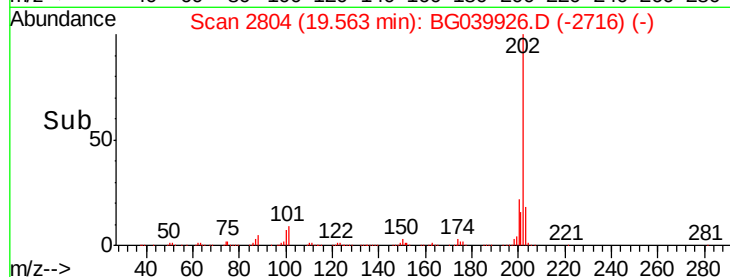
203 18.2 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

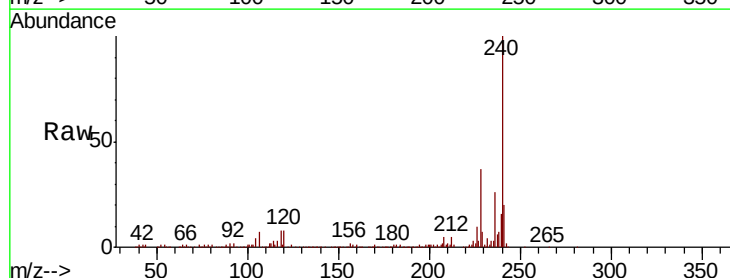
Tgt Ion:240 Resp: 281346

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

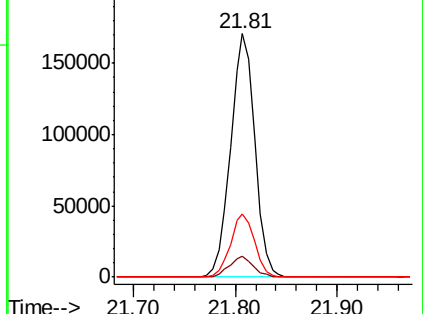
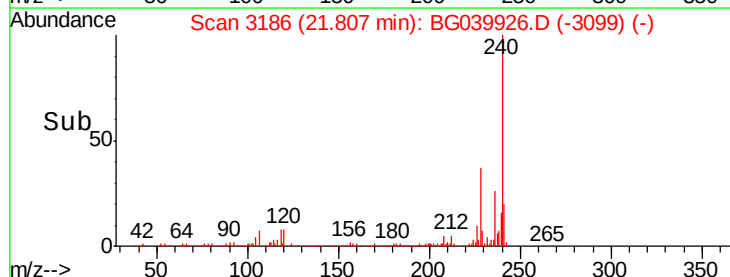
236 26.0 21.0 31.4

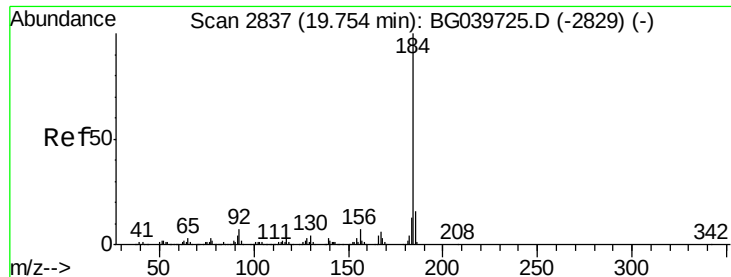


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.389 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

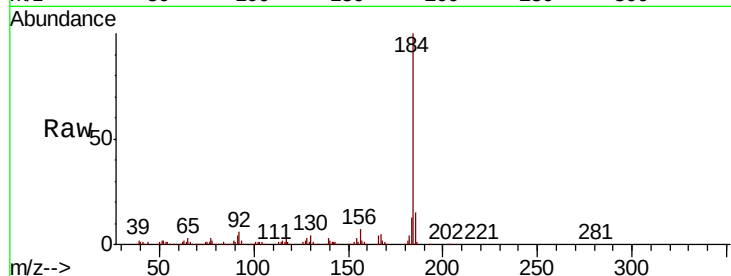
Tot Ion:184 Resp: 298096

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

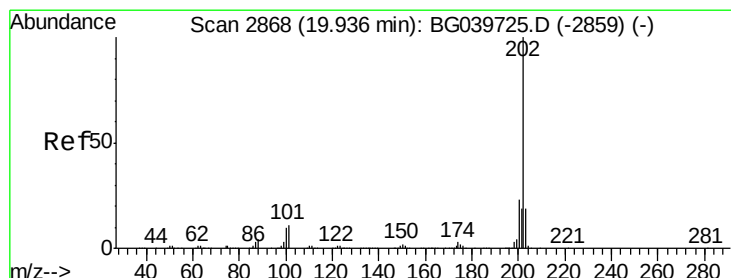
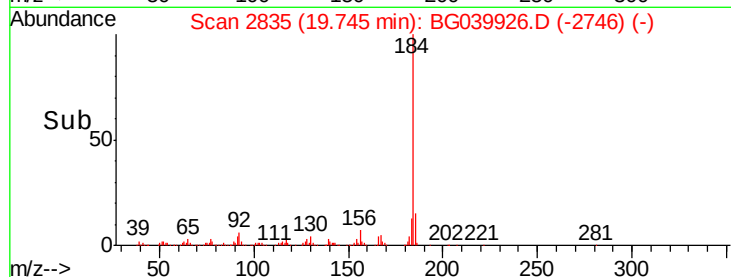
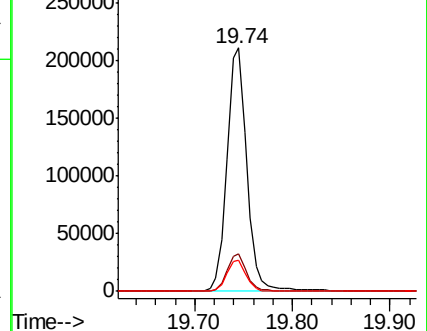
183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.779 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

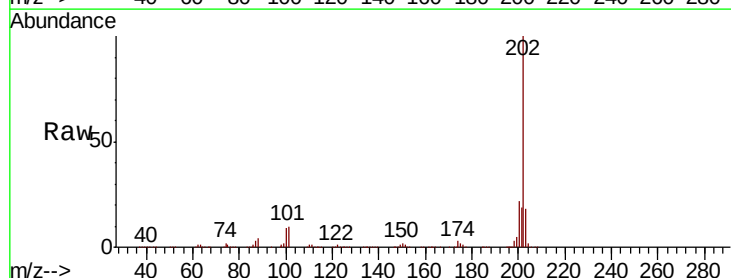
Tgt Ion:202 Resp: 745515

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

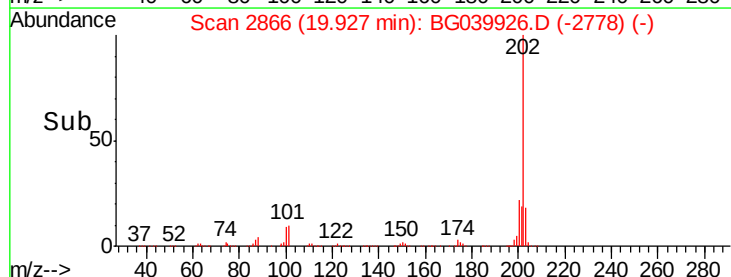
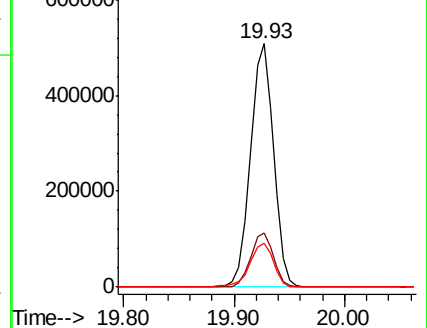
203 18.2 15.3 22.9

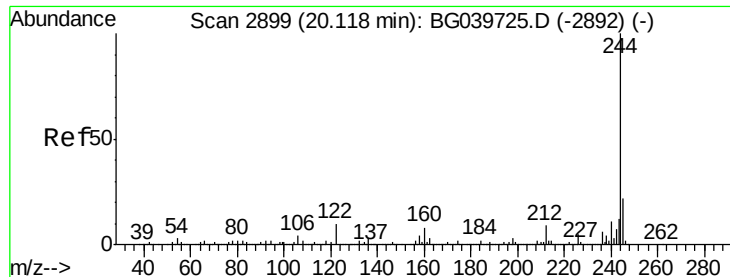


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.490 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

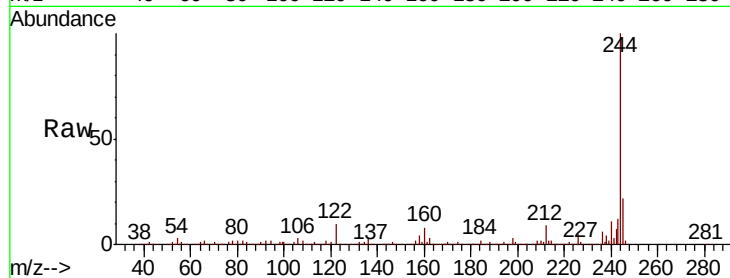
BNA_G

ClientSampleId :

PB117907BSD

Tot Ion:244 Resp: 1002942

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.5	8.4	12.6

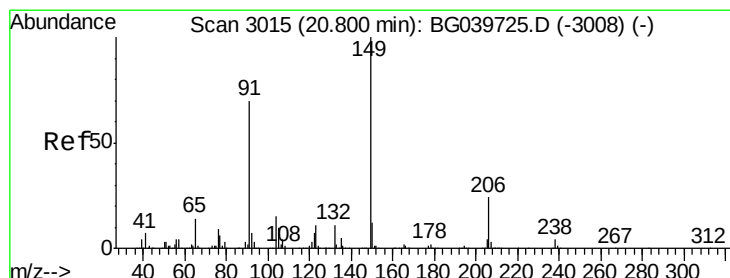
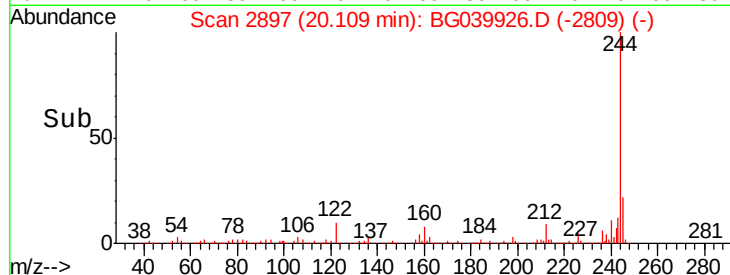
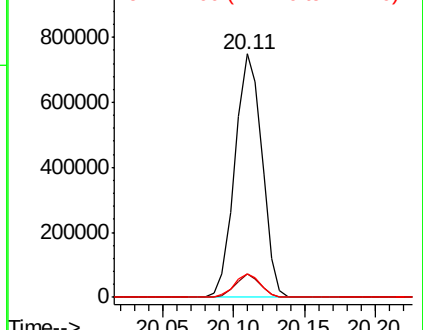


Abundance

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: 43.707 ng

RT: 20.79 min Scan# 3013

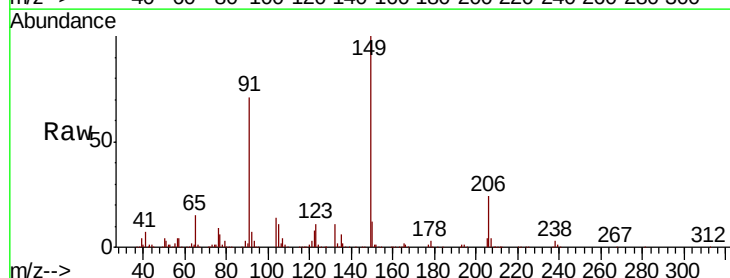
Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Tgt Ion:149 Resp: 309573

Ion	Ratio	Lower	Upper
149	100		
91	71.1	59.5	89.3
206	24.2	18.6	27.8

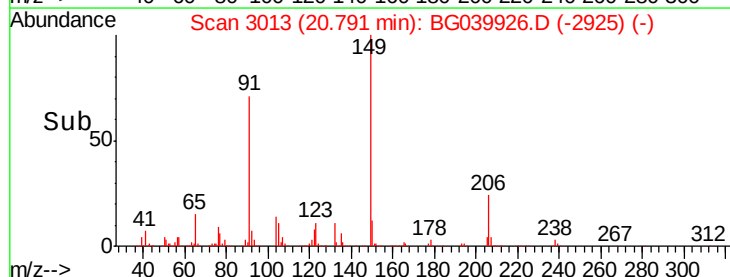
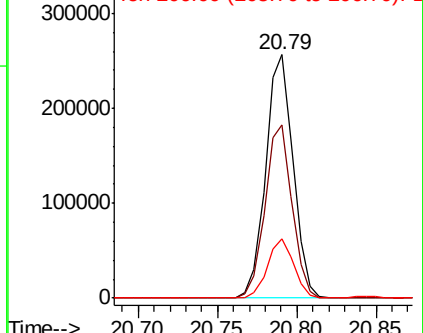


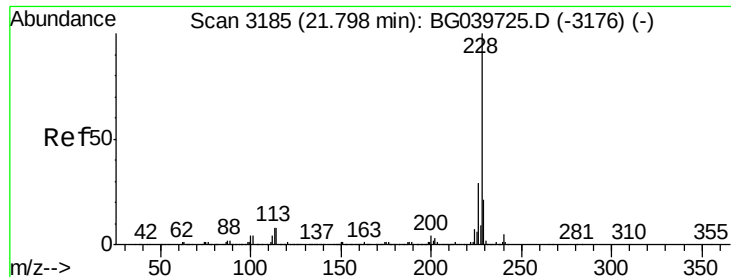
Abundance

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: 40.578 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

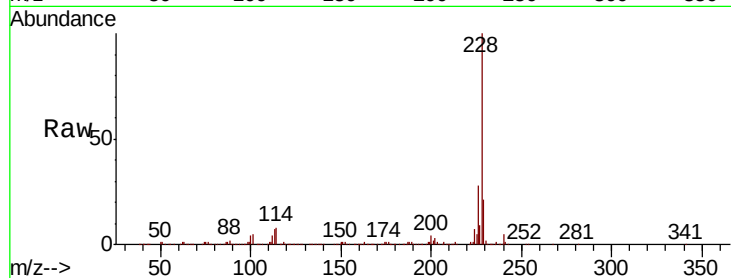
Tot Ion:228 Resp: 715504

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

229 21.0 16.9 25.3

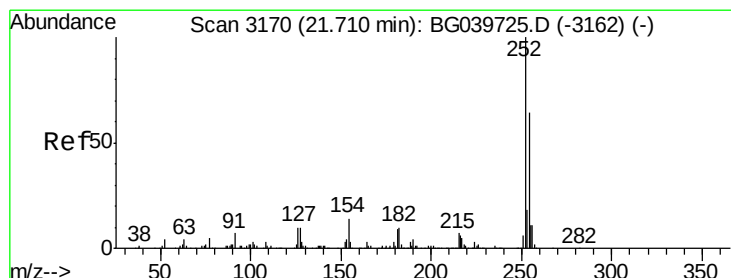
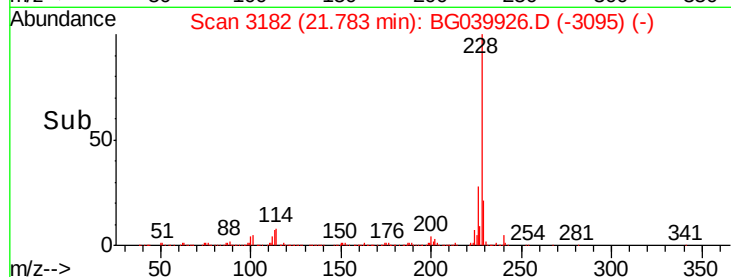
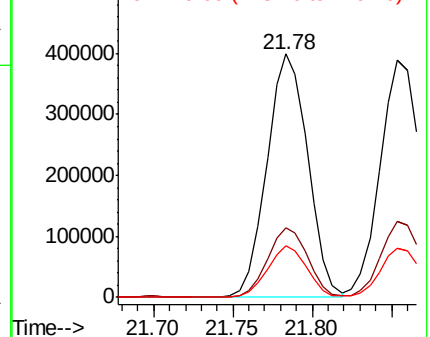


Abundance

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: 26.526 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

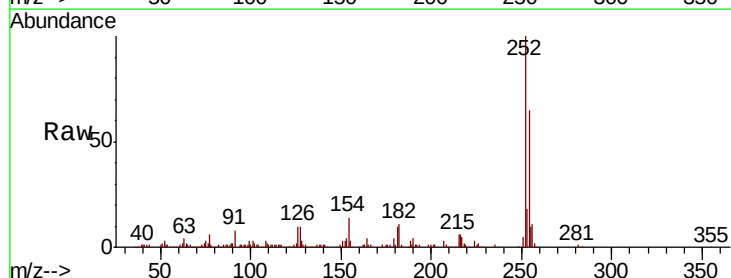
Tgt Ion:252 Resp: 170763

Ion Ratio Lower Upper

252 100

254 64.9 51.3 76.9

126 10.4 8.0 12.0

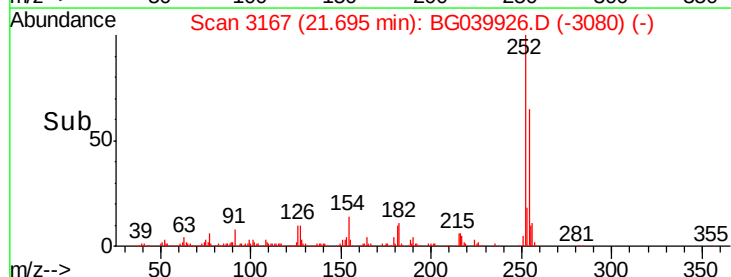
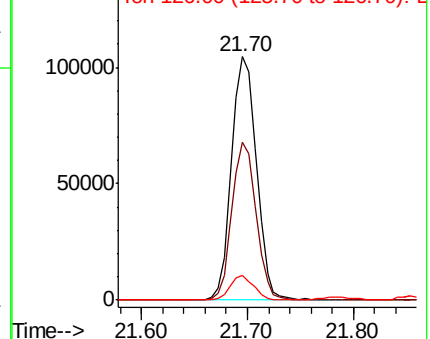


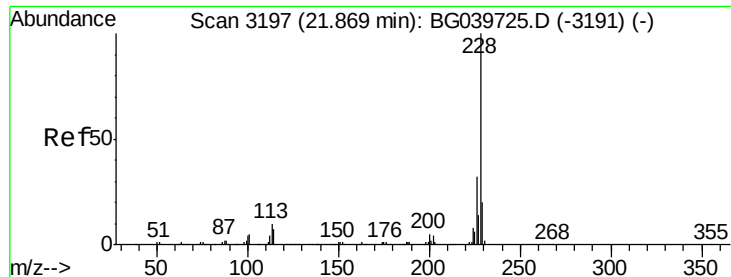
Abundance

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: 40.027 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

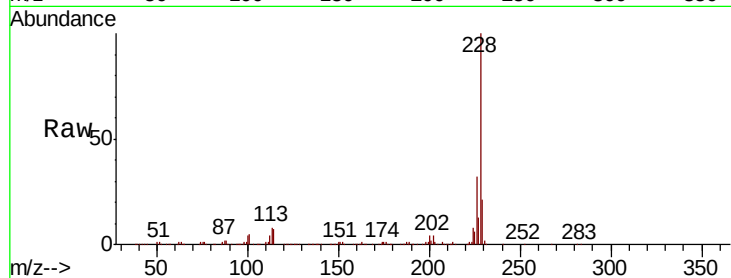
Tot Ion:228 Resp: 684243

Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.6

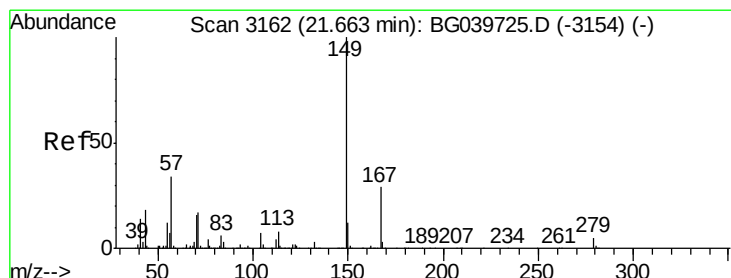
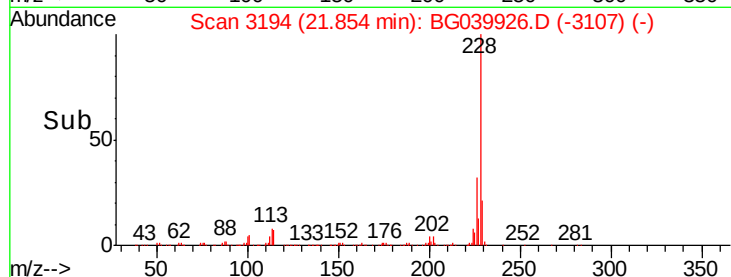
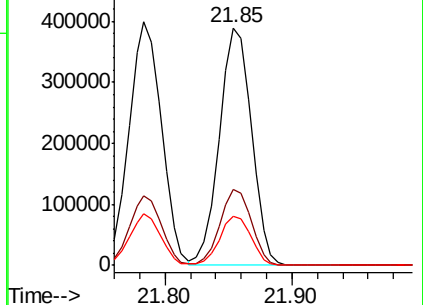
229 20.7 16.6 25.0



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: 43.925 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

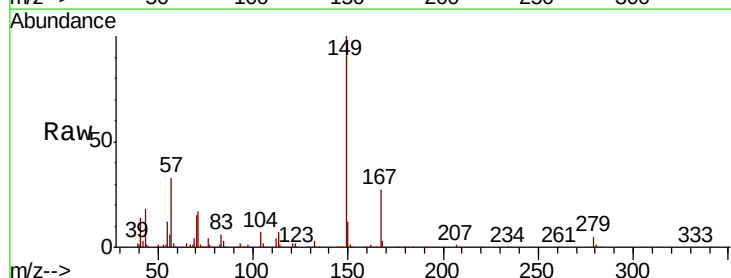
Tgt Ion:149 Resp: 437196

Ion Ratio Lower Upper

149 100

167 27.2 22.6 34.0

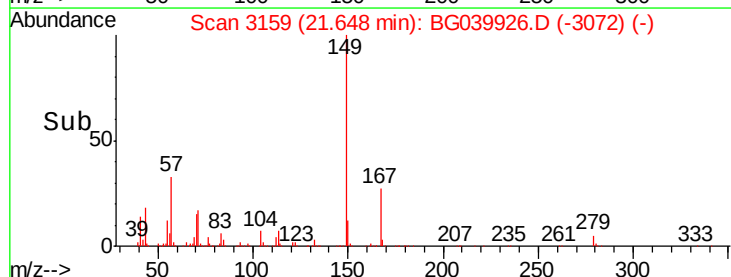
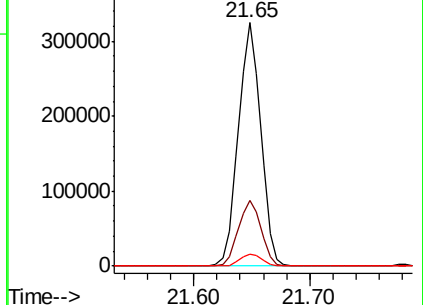
279 4.8 3.5 5.3

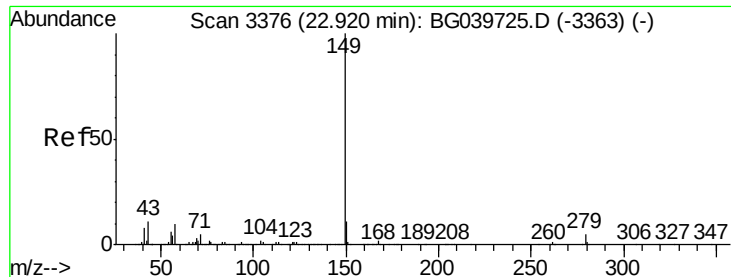


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

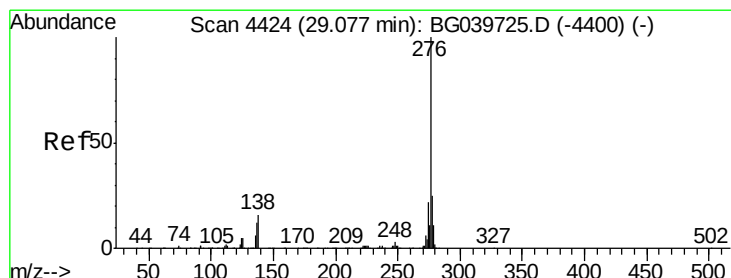
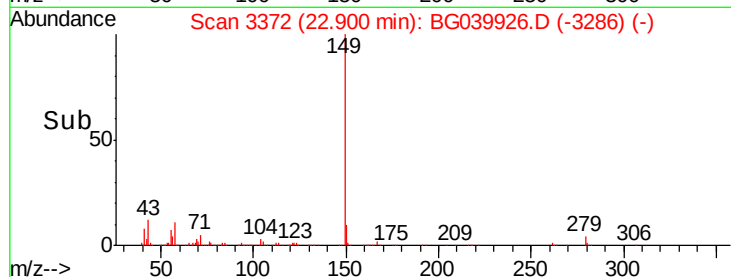
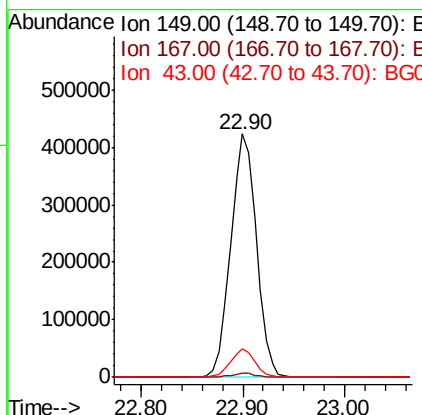
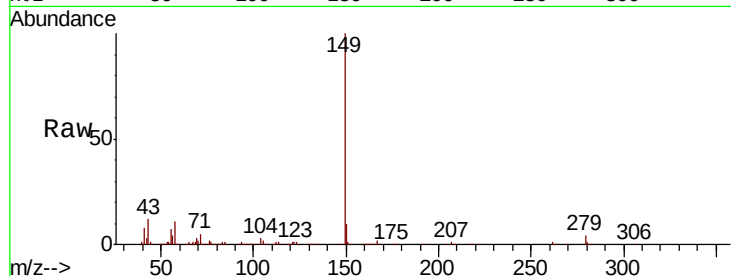




#85
Di-n-octyl phthalate
Concen: 44.920 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

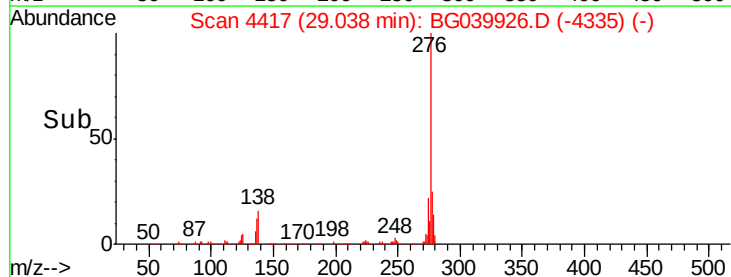
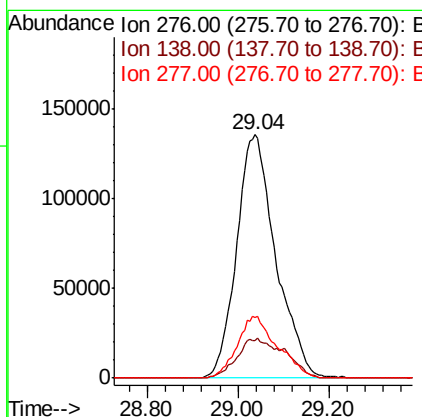
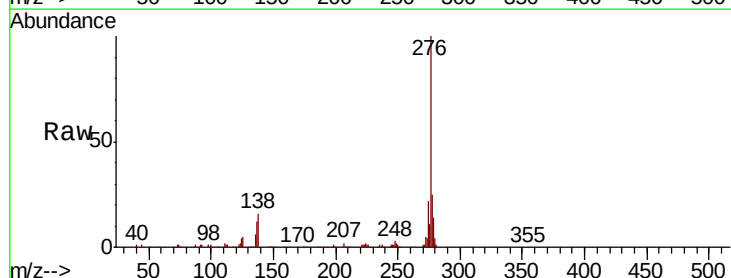
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

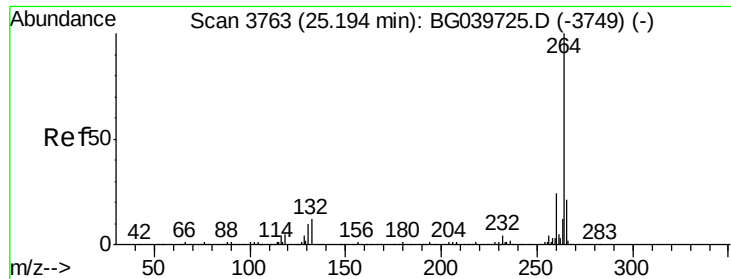
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.2	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.829 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	12.6	19.0#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

PB117907BSD

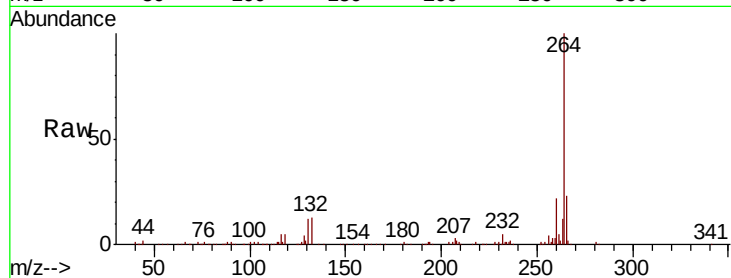
Tot Ion:264 Resp: 271316

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 22.7 18.5 27.7

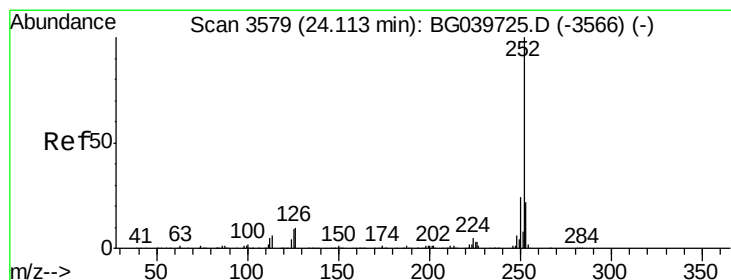
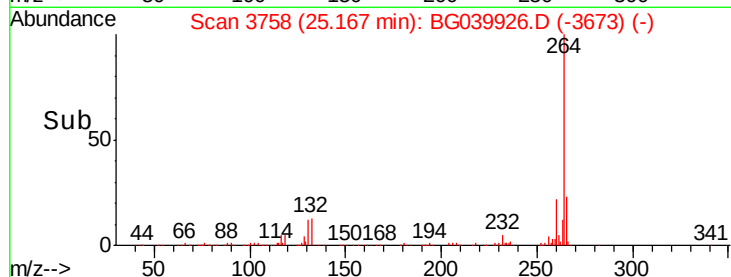
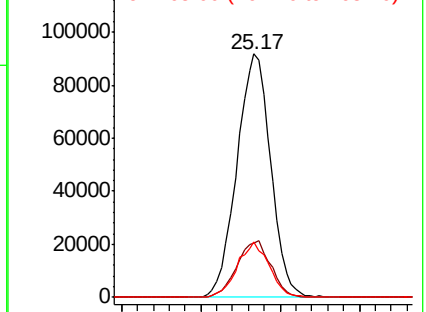


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.239 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039926.D

Acq: 14 Mar 2019 15:43

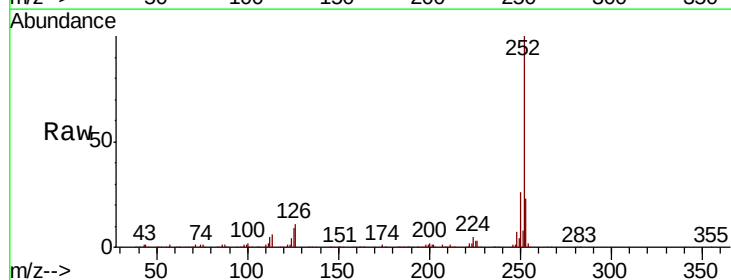
Tgt Ion:252 Resp: 715746

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 9.4 7.8 11.6

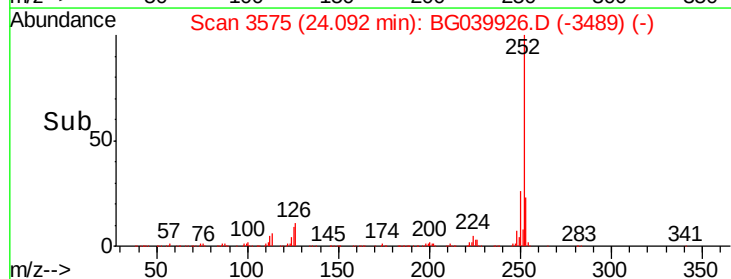
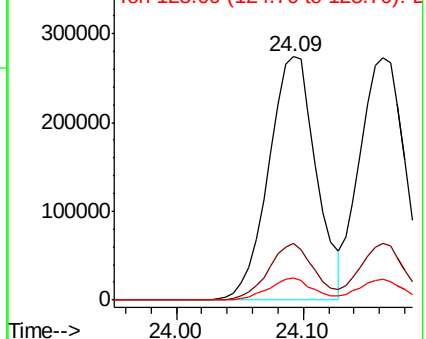


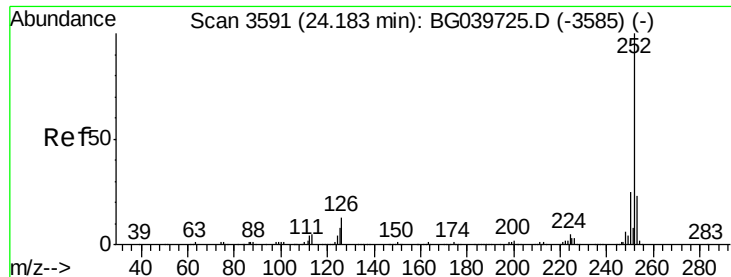
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

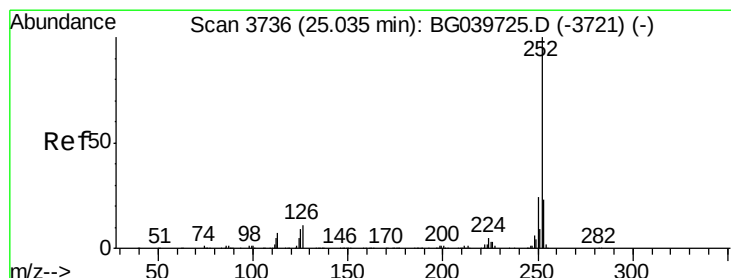
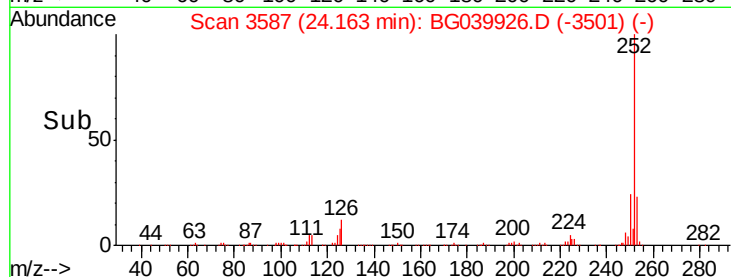
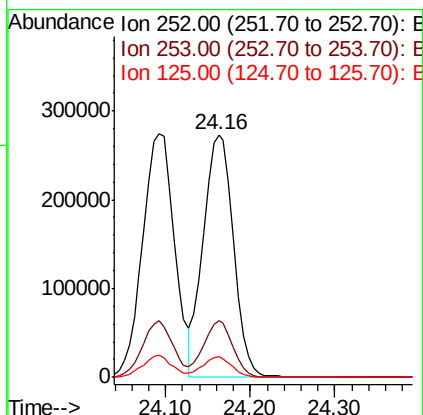
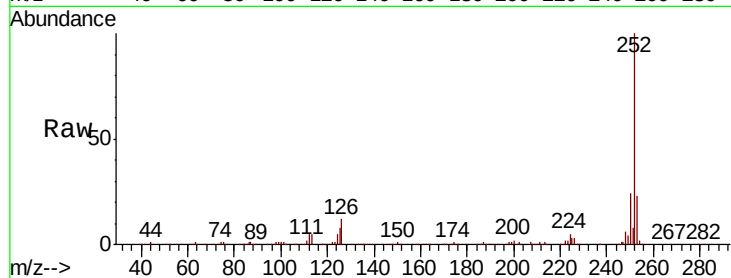




#89
Benzo(k)fluoranthene
Concen: 45.293 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

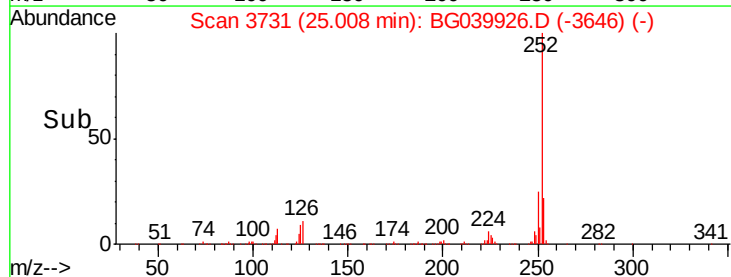
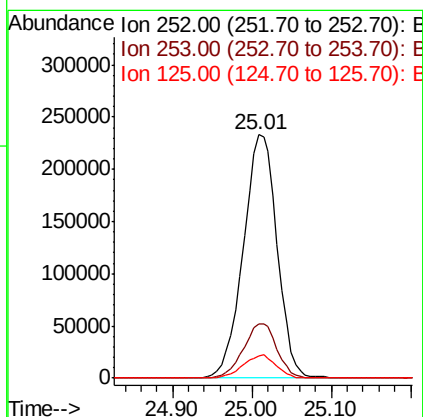
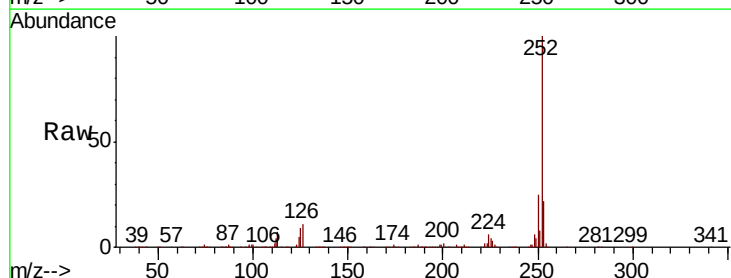
Instrument :
BNA_G
ClientSampleId :
PB117907BSD

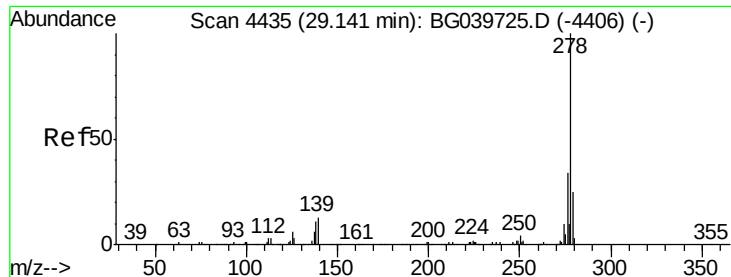
Tot Ion:252 Resp: 682126
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 8.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 46.155 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion:252 Resp: 690036
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.9 8.3 12.5

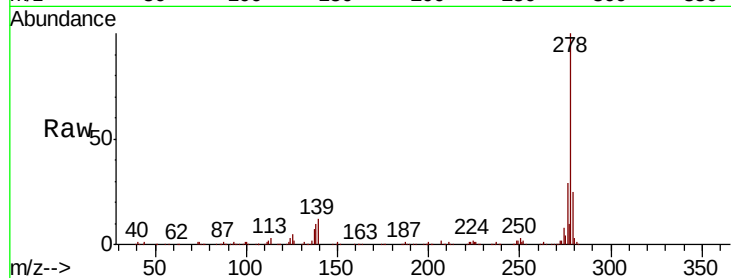




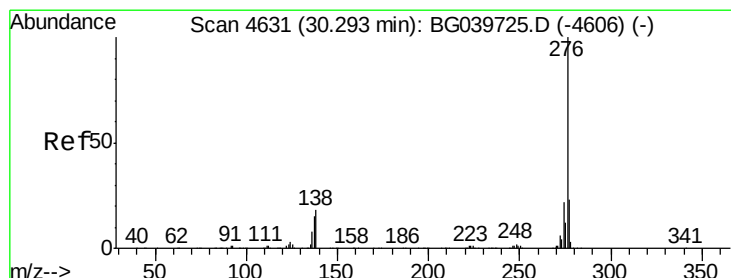
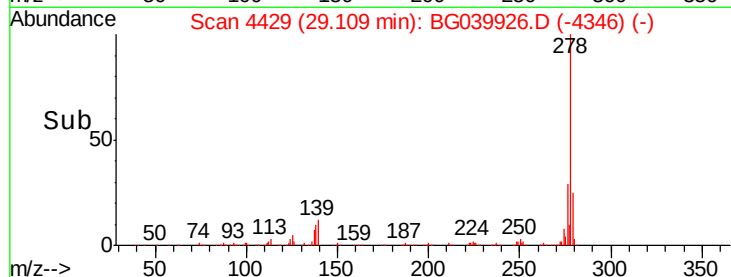
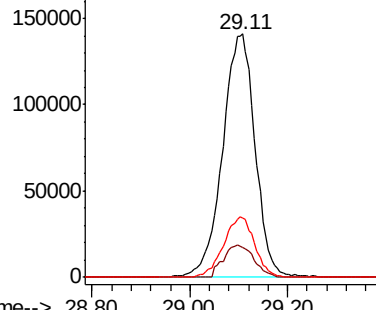
#91
Dibenzo(a,h)anthracene
Concen: 44.622 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.04 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :
PB117907BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	11.7	17.5
279	24.5	19.1	28.7

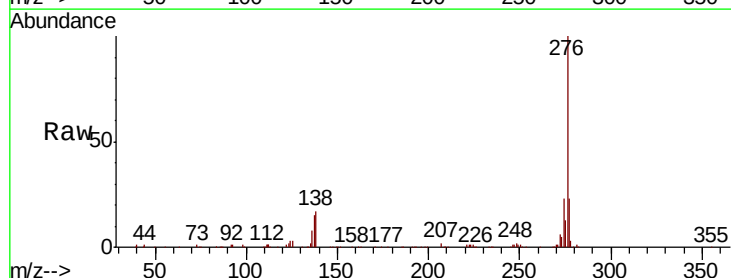


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.486 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG039926.D
Acq: 14 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	17.2	14.7	22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

