

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039626.D
 Acq On : 27 Feb 2019 8:35
 Operator : JU/SJ
 Sample : PB117396BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117396BS

Quant Time: Feb 27 10:11:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51758	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	214856	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	146734	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	366172	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	369968	20.00	ng	-0.02
87) Perylene-d12	25.20	264	379257	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	306119	101.23	ng	0.00
7) Phenol-d6	7.31	99	426436	95.80	ng	0.00
23) Nitrobenzene-d5	9.34	82	363925	105.81	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	164249	103.95	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	875058	85.55	ng	-0.02
79) Terphenyl-d14	20.12	244	1293185	73.99	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	49957	37.765	ng	96
3) Pyridine	4.00	79	144586	41.283	ng	95
4) n-Nitrosodimethylamine	3.92	42	75010	42.825	ng	# 89
6) Aniline	7.49	93	100839	18.085	ng	98
8) 2-Chlorophenol	7.73	128	156180	47.247	ng	98
9) Benzaldehyde	7.31	77	71443	29.838	ng	96
10) Phenol	7.34	94	218144	47.011	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	148306	40.447	ng	98
12) 1,3-Dichlorobenzene	8.05	146	163961	40.944	ng	98
13) 1,4-Dichlorobenzene	8.20	146	168730	42.273	ng	99
14) 1,2-Dichlorobenzene	8.52	146	159433	41.262	ng	99
15) Benzyl Alcohol	8.40	79	147079	42.086	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	288208	34.807	ng	100
17) 2-Methylphenol	8.60	107	139594	46.487	ng	97
18) Hexachloroethane	9.25	117	60098	43.765	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	121070	38.320	ng	93
20) 3+4-Methylphenols	8.93	107	191435	46.295	ng	96
22) Acetophenone	9.00	105	232104	40.216	ng	# 96
24) Nitrobenzene	9.39	77	181185	48.764	ng	97
25) Isophorone	9.90	82	343340	45.050	ng	98
26) 2-Nitrophenol	10.10	139	91075	58.430	ng	95
27) 2,4-Dimethylphenol	10.14	122	163780	53.123	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	211303	45.012	ng	98
29) 2,4-Dichlorophenol	10.62	162	174090	51.666	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	170661	45.113	ng	98
31) Naphthalene	11.04	128	490942	46.059	ng	99
32) Benzoic acid	10.27	122	91634	45.880	ng	94
33) 4-Chloroaniline	11.15	127	57331	11.600	ng	# 95
34) Hexachlorobutadiene	11.30	225	109606	43.567	ng	97
35) Caprolactam	11.93	113	60799	43.604	ng	# 85
36) 4-Chloro-3-methylphenol	12.25	107	185342	47.562	ng	99
37) 2-Methylnaphthalene	12.63	142	373857	47.356	ng	96
38) 1-Methylnaphthalene	12.85	142	354329	46.561	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	204444	43.791	ng	99

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41) Hexachlorocyclopentadiene	12.96	237	265784	104.474	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	141451	49.277	ng	97
44) 2,4,5-Trichlorophenol	13.30	196	158951	52.833	ng	98
46) 1,1'-Biphenyl	13.63	154	497510	40.751	ng	99
47) 2-Chloronaphthalene	13.67	162	386438	42.076	ng	98
48) 2-Nitroaniline	13.88	65	132116	49.717	ng	92
49) Acenaphthylene	14.52	152	626114	45.180	ng	99
50) Dimethylphthalate	14.24	163	514216	43.391	ng	100
51) 2,6-Dinitrotoluene	14.37	165	116055	51.797	ng	99
52) Acenaphthene	14.85	154	380612	42.310	ng	99
53) 3-Nitroaniline	14.70	138	46465	22.889	ng	# 92
54) 2,4-Dinitrophenol	14.90	184	75817	78.237	ng	96
55) Dibenzofuran	15.19	168	623454	43.226	ng	99
56) 4-Nitrophenol	15.00	139	204042	94.123	ng	87
57) 2,4-Dinitrotoluene	15.15	165	164653	56.399	ng	87
58) Fluorene	15.84	166	498126	46.329	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	155086	55.055	ng	98
60) Diethylphthalate	15.59	149	525241	42.867	ng	98
61) 4-Chlorophenyl-phenylether	15.82	204	260967	42.866	ng	97
62) 4-Nitroaniline	15.86	138	125664	50.342	ng	95
63) Azobenzene	16.11	77	471411	39.363	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	75019	50.801	ng	96
66) n-Nitrosodiphenylamine	16.03	169	458456	41.176	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	173050	42.599	ng	96
68) Hexachlorobenzene	16.83	284	177846	43.636	ng	96
69) Atrazine	16.97	200	174315	42.842	ng	99
70) Pentachlorophenol	17.17	266	206739	72.984	ng	100
71) Phenanthrene	17.58	178	850705	44.887	ng	100
72) Anthracene	17.67	178	860915	46.118	ng	98
73) Carbazole	17.94	167	764704	41.047	ng	99
74) Di-n-butylphthalate	18.47	149	919713	42.316	ng	99
75) Fluoranthene	19.58	202	1026485	46.664	ng	99
77) Benzidine	19.76	184	244403	20.149	ng	99
78) Pyrene	19.94	202	1026714	44.579	ng	99
80) Butylbenzylphthalate	20.80	149	437077	44.987	ng	95
81) Benzo(a)anthracene	21.80	228	1006073	46.021	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	164533	20.298	ng	98
83) Chrysene	21.87	228	939111	45.127	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	608321	43.889	ng	99
85) Di-n-octyl phthalate	22.93	149	1027939	44.890	ng	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1135782	50.868	ng	99
88) Benzo(b)fluoranthene	24.12	252	996762	48.192	ng	100
89) Benzo(k)fluoranthene	24.19	252	964057	46.426	ng	99
90) Benzo(a)pyrene	25.04	252	974144	48.905	ng	99
91) Dibenzo(a,h)anthracene	29.15	278	919761	49.305	ng	98
92) Benzo(g,h,i)perylene	30.32	276	945855	50.871	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

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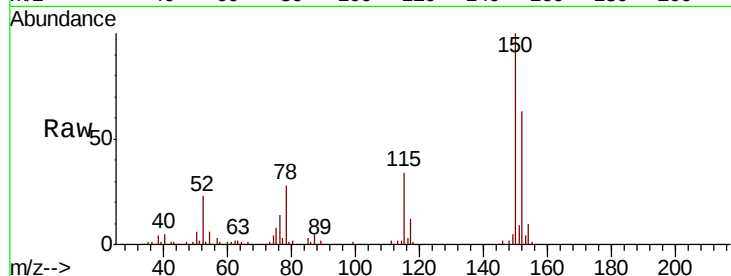
Tot Ion:152 Resp: 51758

Ion Ratio Lower Upper

152 100

150 158.5 123.7 185.5

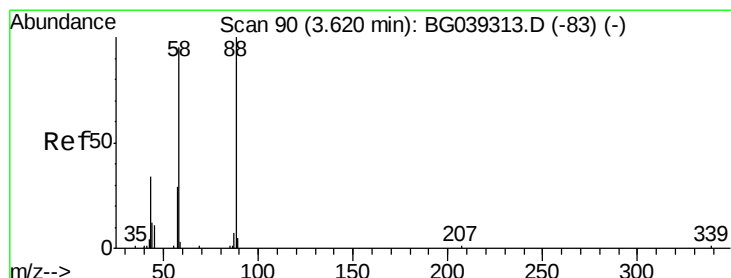
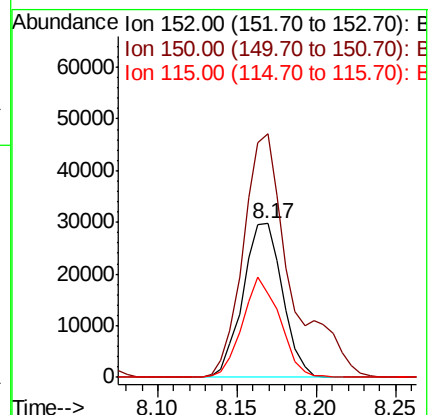
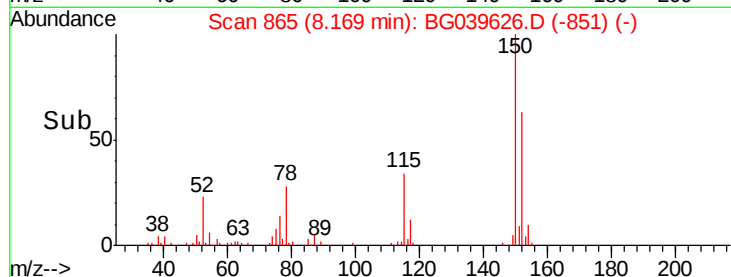
115 54.6 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.765 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

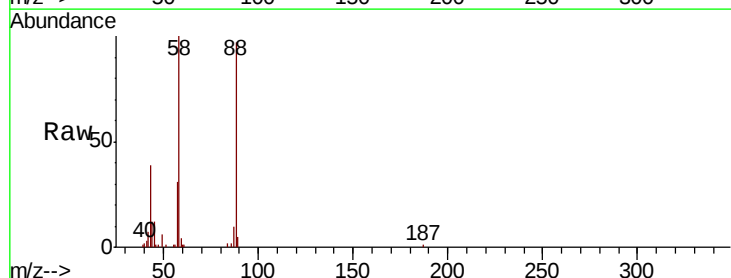
Tgt Ion: 88 Resp: 49957

Ion Ratio Lower Upper

88 100

58 99.5 81.1 121.7

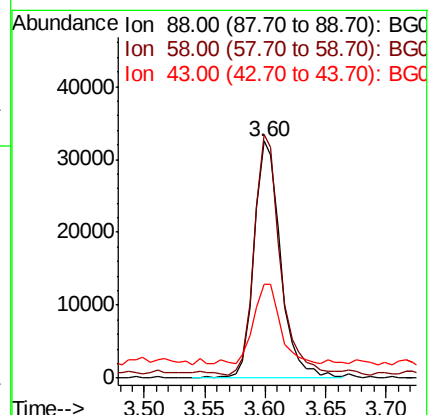
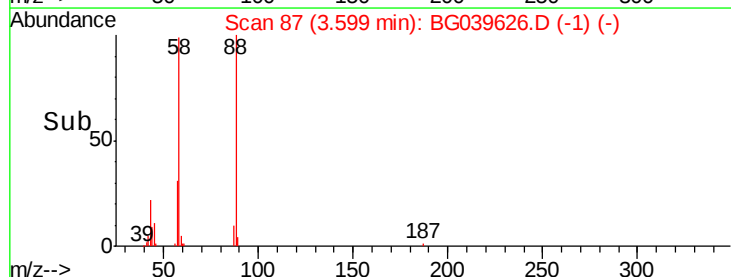
43 33.7 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.283 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

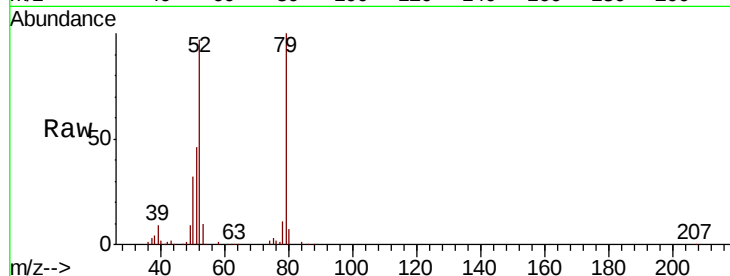
Tot Ion: 79 Resp: 144586

Ion Ratio Lower Upper

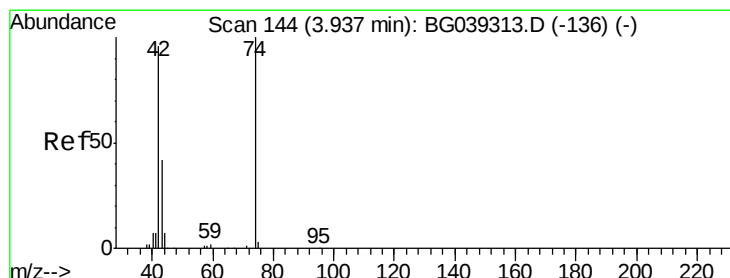
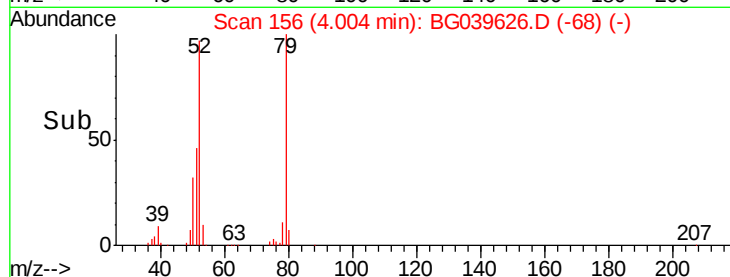
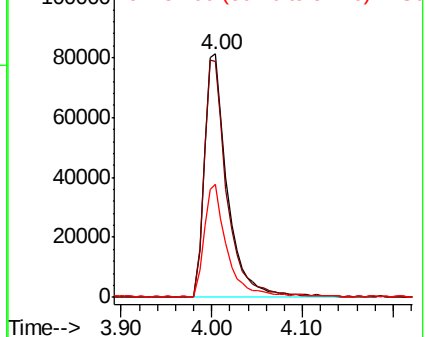
79 100

52 97.0 82.6 124.0

51 46.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 42.825 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

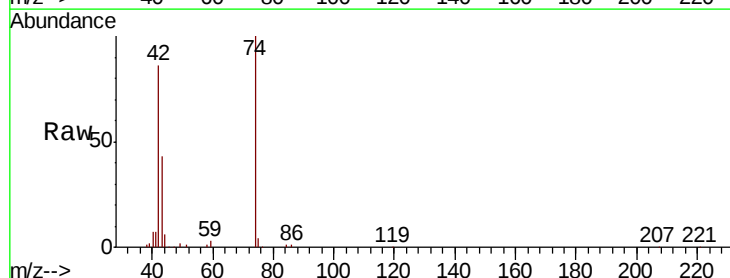
Tgt Ion: 42 Resp: 75010

Ion Ratio Lower Upper

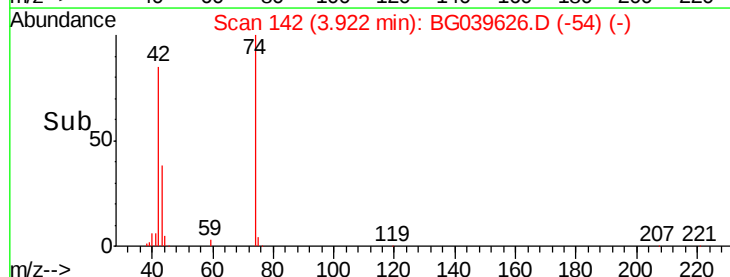
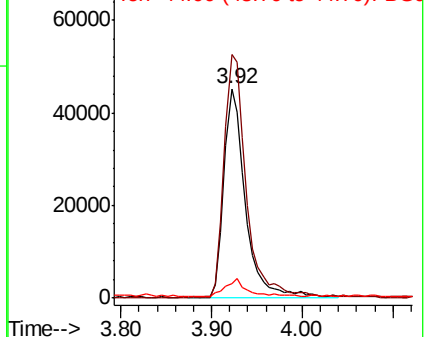
42 100

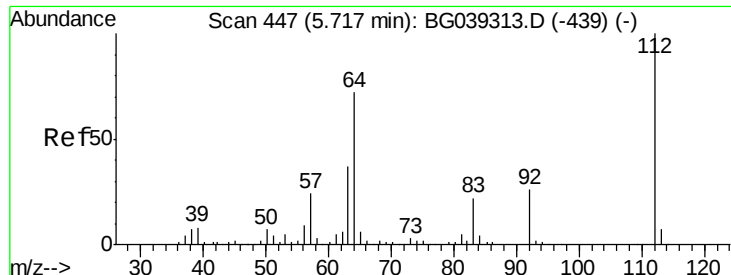
74 116.2 83.6 125.4

44 6.8 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: 101.226 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

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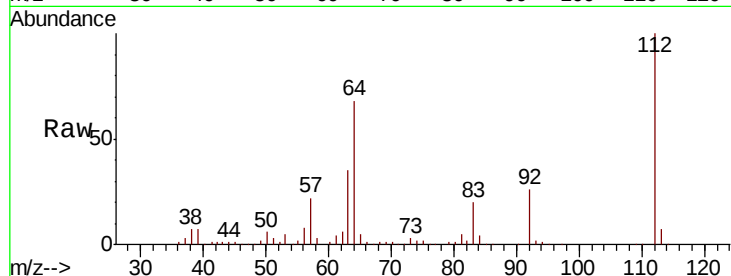
Tot Ion:112 Resp: 306119

Ion Ratio Lower Upper

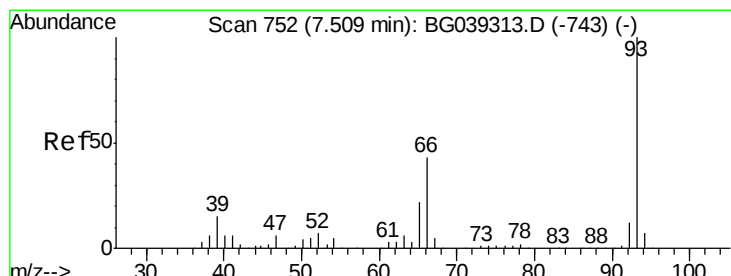
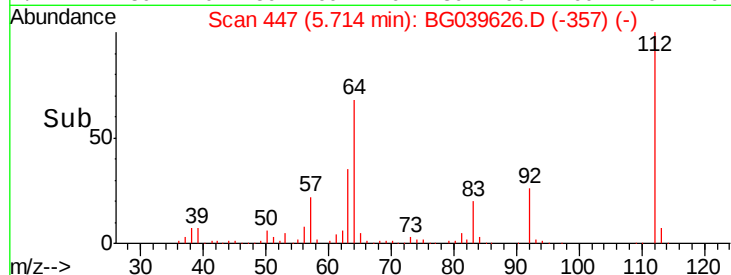
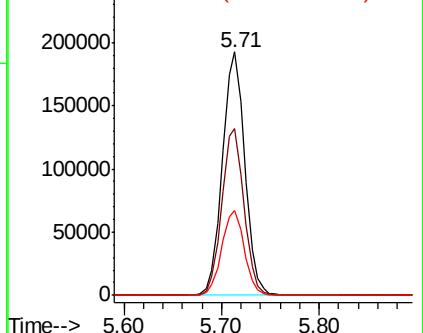
112 100

64 68.5 57.8 86.8

63 34.9 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: 18.085 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

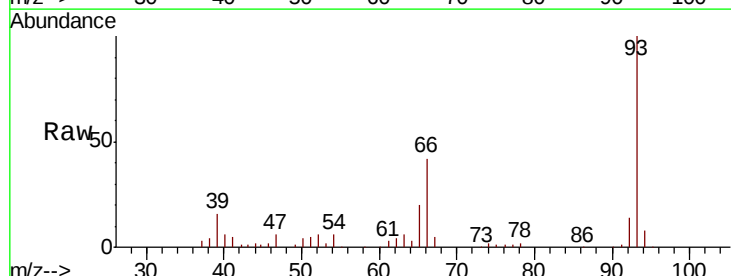
Tgt Ion: 93 Resp: 100839

Ion Ratio Lower Upper

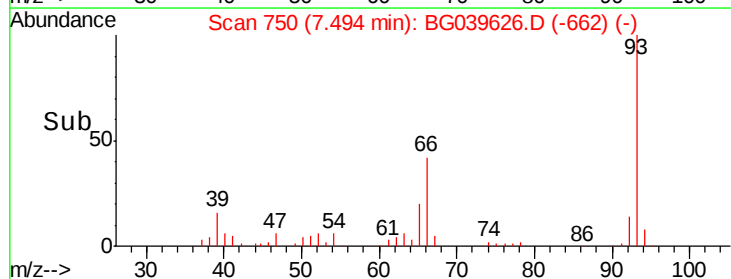
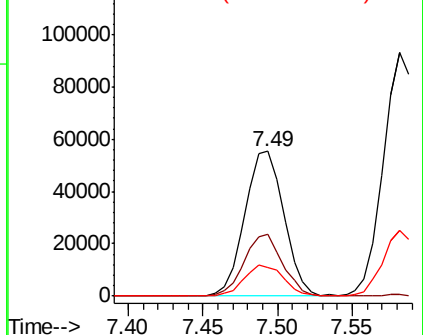
93 100

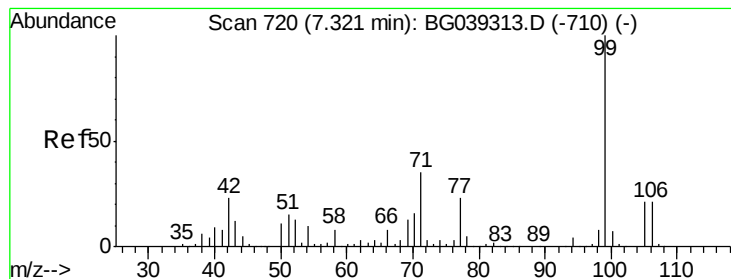
66 42.3 34.2 51.4

65 19.8 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: 95.798 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

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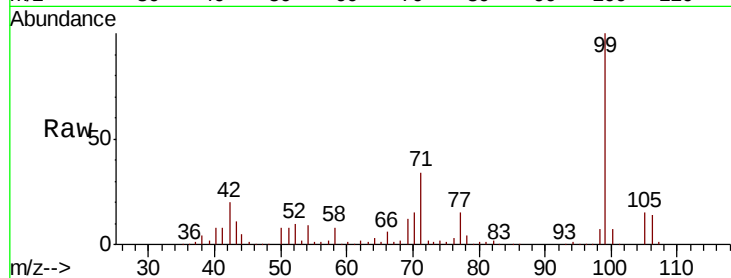
Tot Ion: 99 Resp: 426436

Ion Ratio Lower Upper

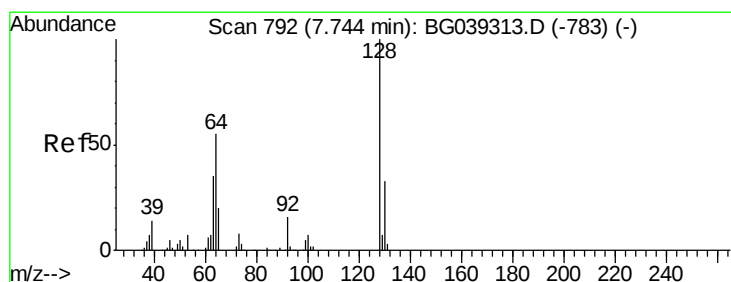
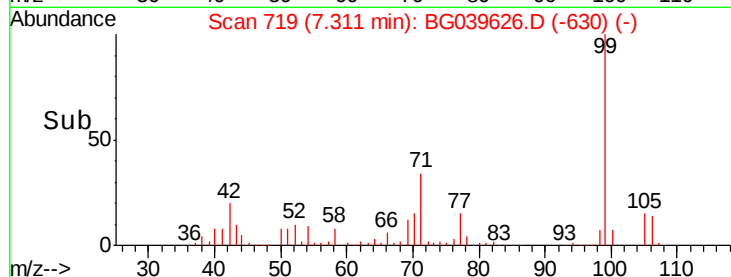
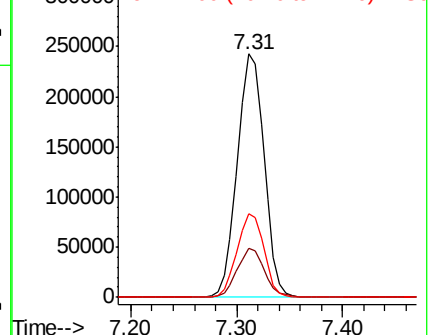
99 100

42 20.1 18.2 27.2

71 34.5 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: 47.247 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

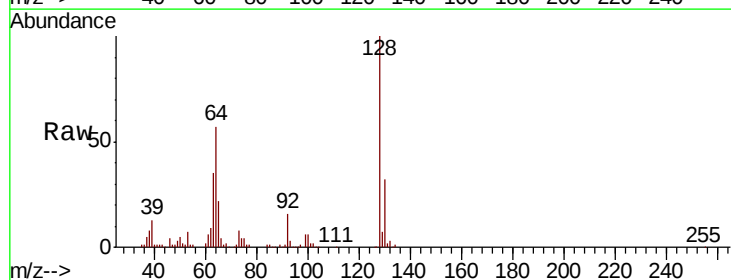
Tgt Ion:128 Resp: 156180

Ion Ratio Lower Upper

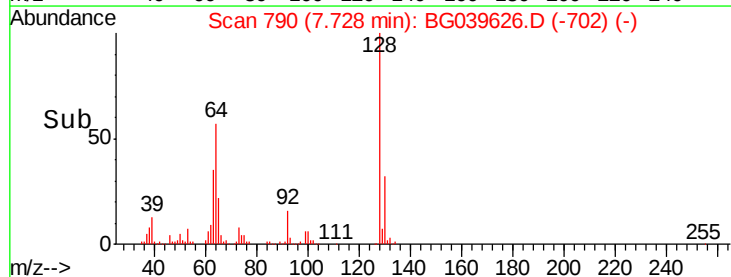
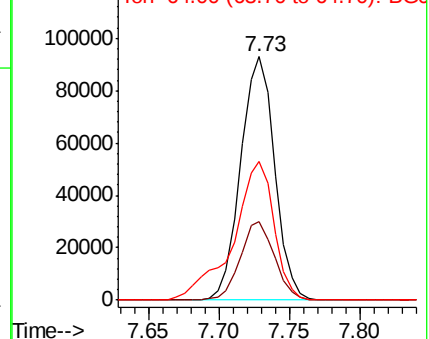
128 100

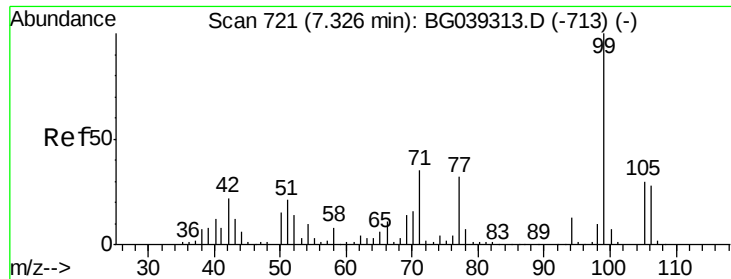
130 32.4 12.9 52.9

64 56.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 29.838 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

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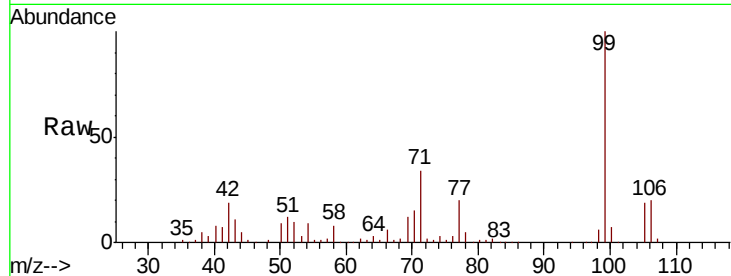
Tot Ion: 77 Resp: 71443

Ion Ratio Lower Upper

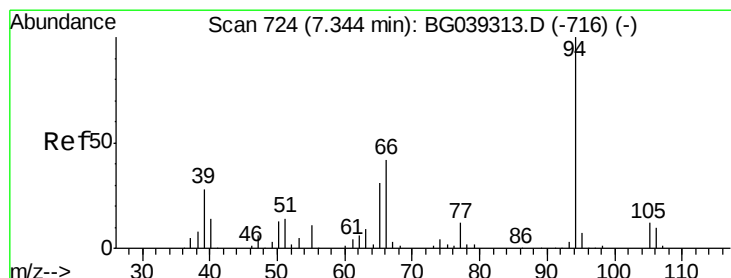
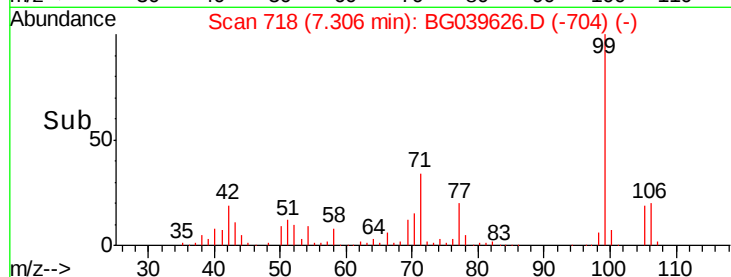
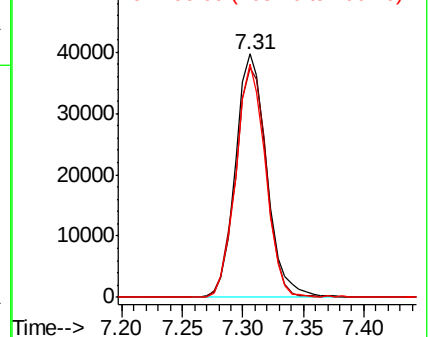
77 100

105 94.3 74.5 114.5

106 95.7 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: 47.011 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

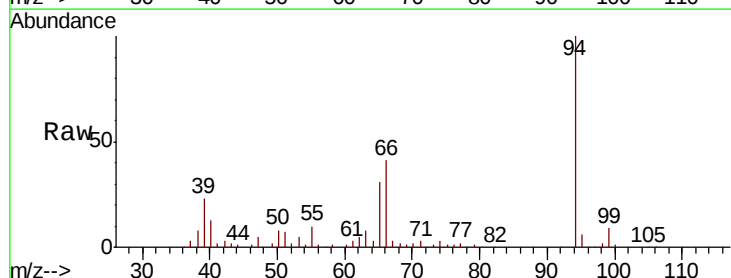
Tgt Ion: 94 Resp: 218144

Ion Ratio Lower Upper

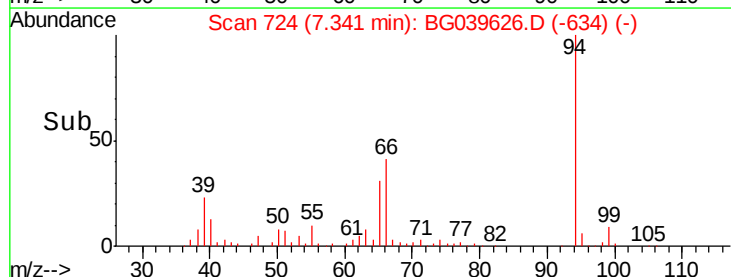
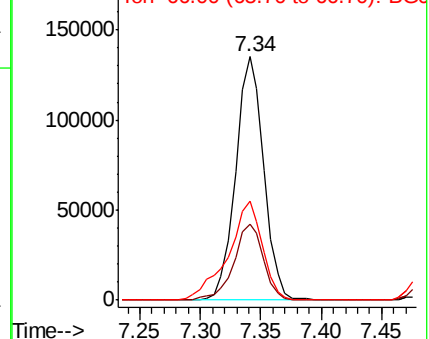
94 100

65 31.0 11.7 51.7

66 40.7 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: 40.447 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

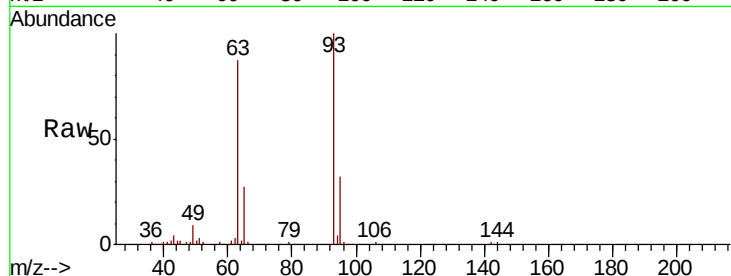
Tot Ion: 93 Resp: 148306

Ion Ratio Lower Upper

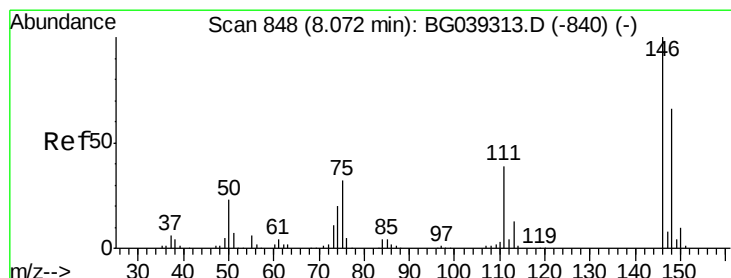
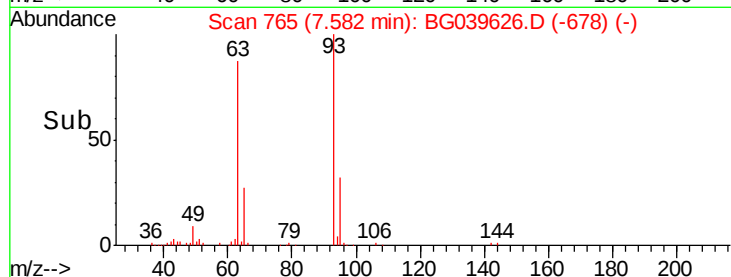
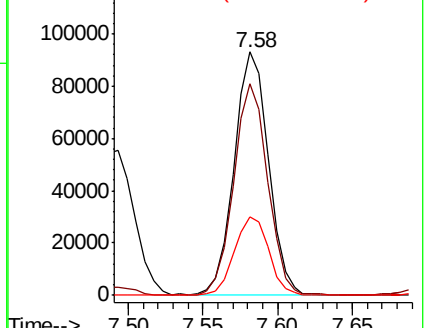
93 100

63 87.0 69.5 109.5

95 32.1 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 40.944 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

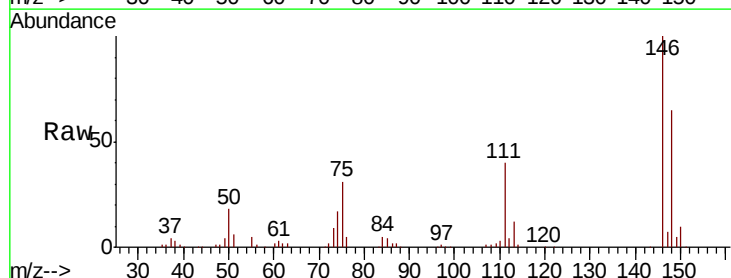
Tgt Ion: 146 Resp: 163961

Ion Ratio Lower Upper

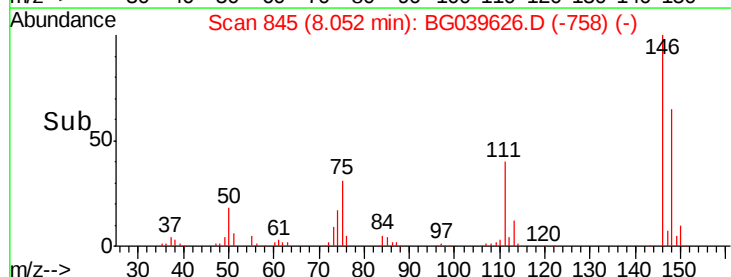
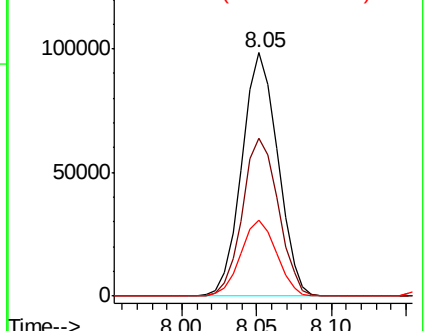
146 100

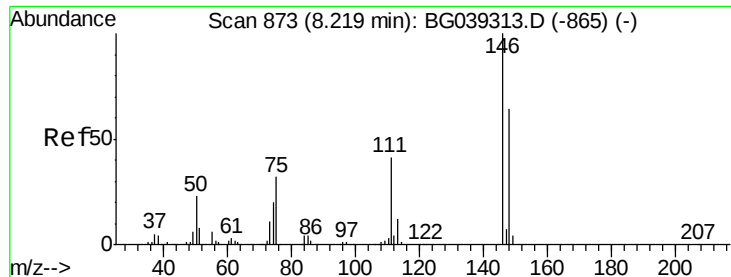
148 64.7 52.6 79.0

75 31.0 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 42.273 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

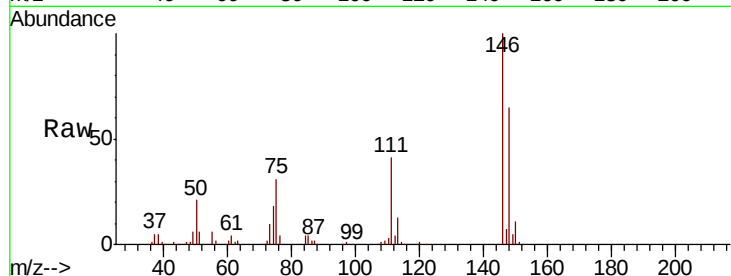
Tot Ion:146 Resp: 168730

Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

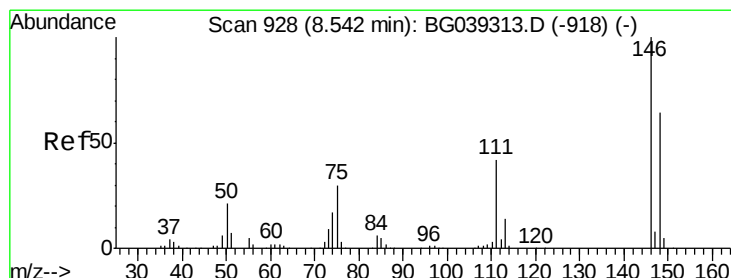
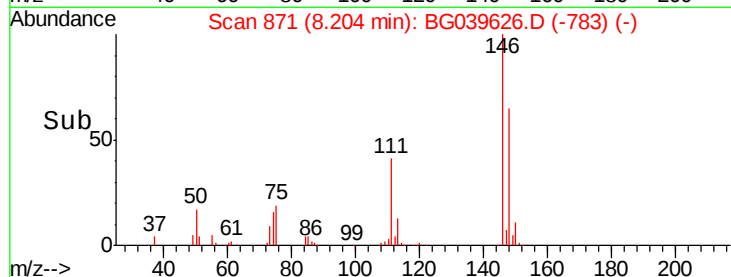
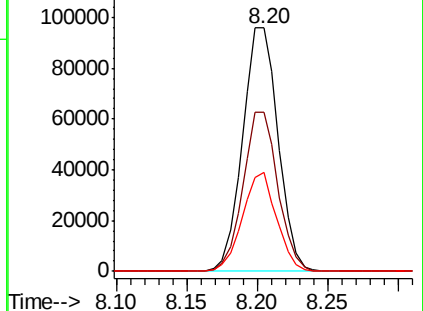
111 40.7 32.6 48.8



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: 41.262 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

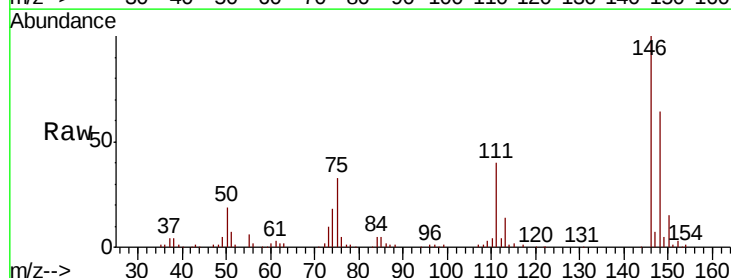
Tgt Ion:146 Resp: 159433

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

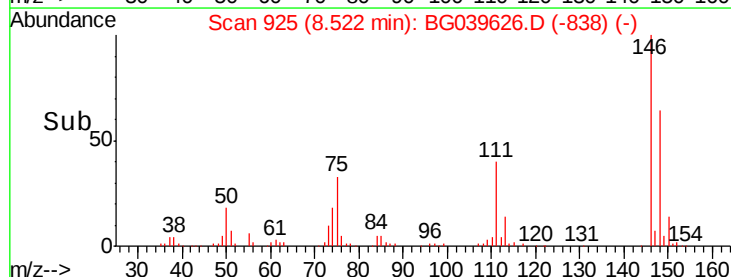
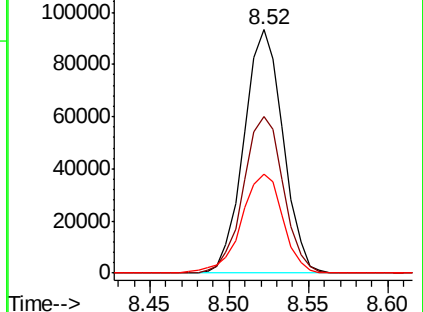
111 40.5 33.8 50.6

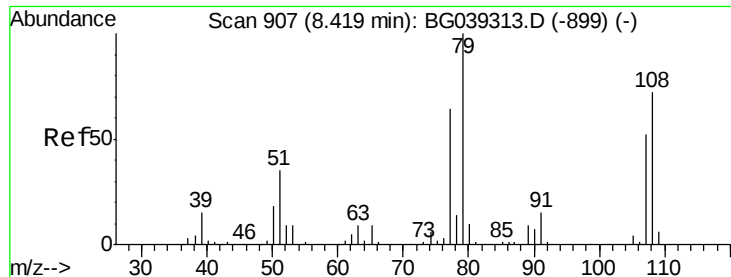


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

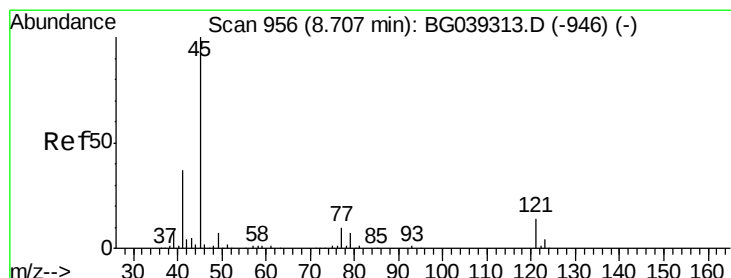
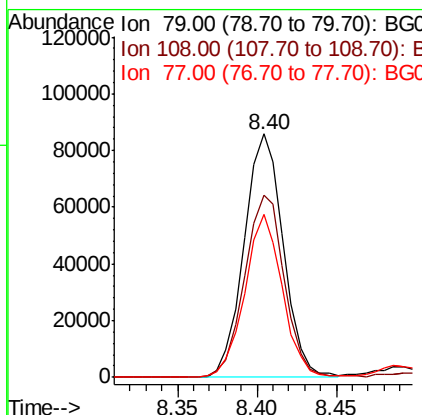
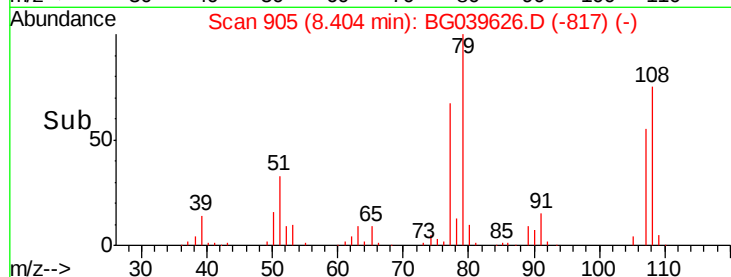
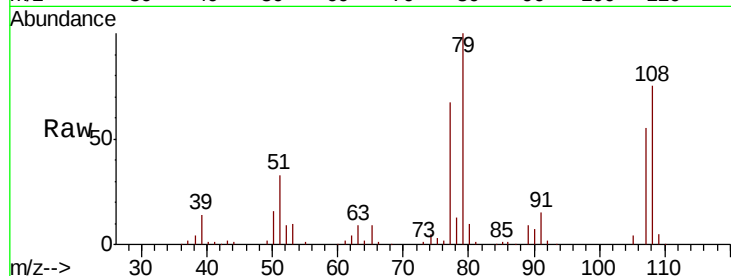




#15
Benzyl Alcohol
Concen: 42.086 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

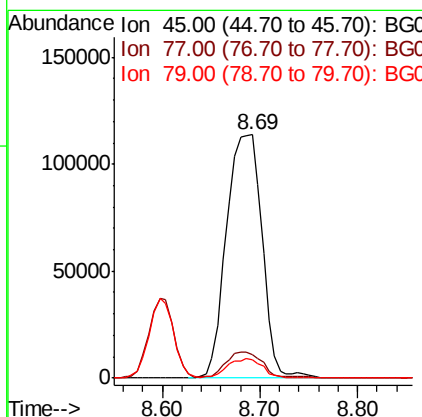
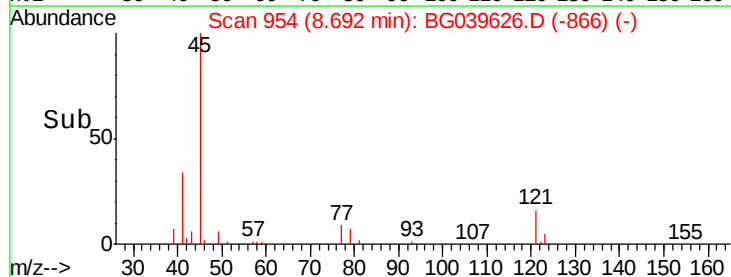
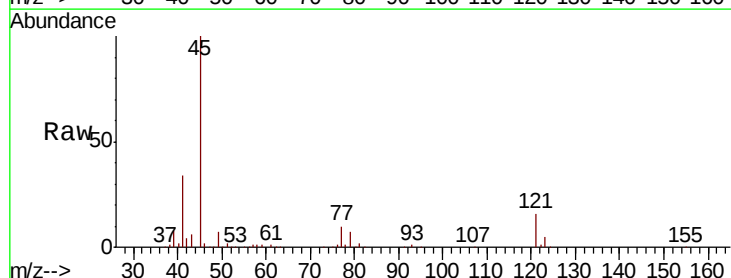
Instrument :
BNA_G
ClientSampleId :
PB117396BS

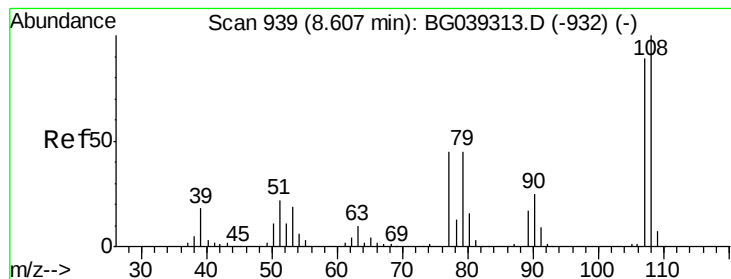
Tot Ion: 79 Resp: 147079
Ion Ratio Lower Upper
79 100
108 74.6 57.8 86.6
77 67.1 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.807 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion: 45 Resp: 288208
Ion Ratio Lower Upper
45 100
77 9.7 0.0 30.0
79 7.5 0.0 27.5





#17

2-Methylphenol

Concen: 46.487 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampled :

PB117396BS

Tot Ion:107 Resp: 139594

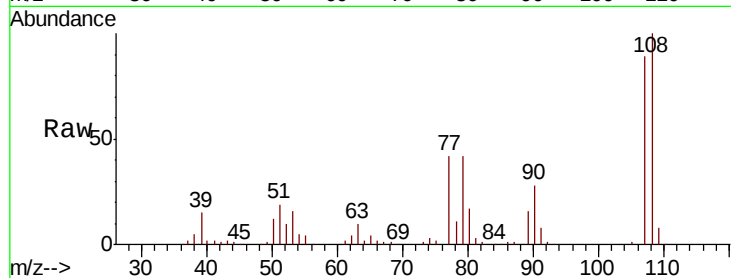
Ion Ratio Lower Upper

107 100

108 112.4 90.8 136.2

77 46.9 40.7 61.1

79 47.1 40.6 60.8

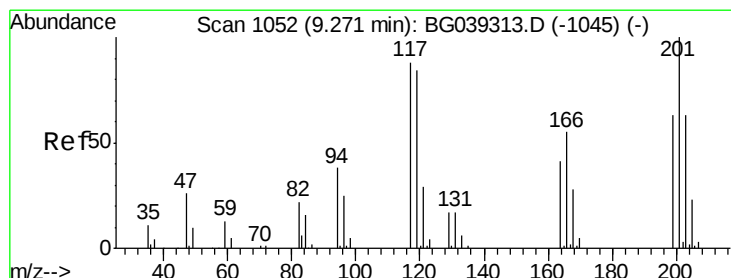
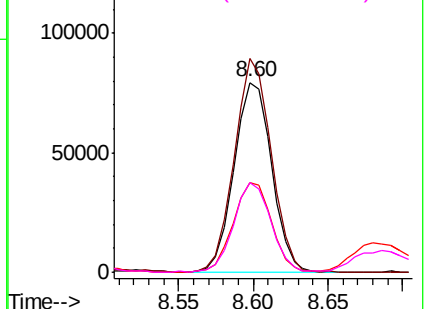
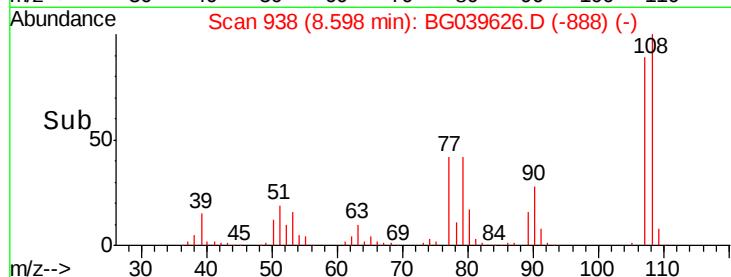


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.765 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

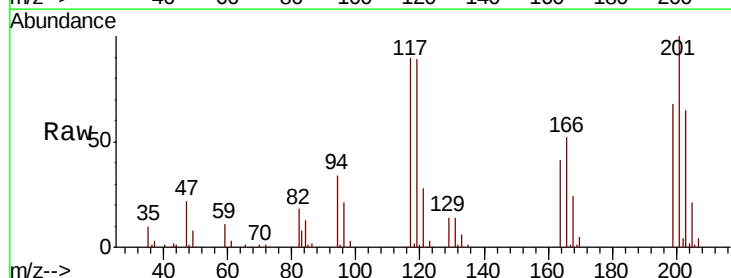
Tgt Ion:117 Resp: 60098

Ion Ratio Lower Upper

117 100

119 98.4 76.3 114.5

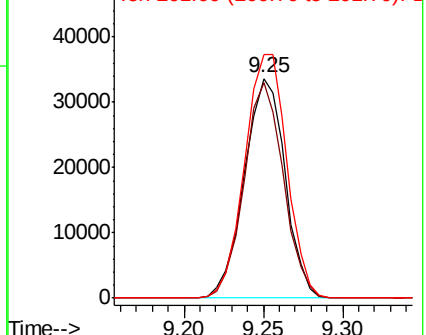
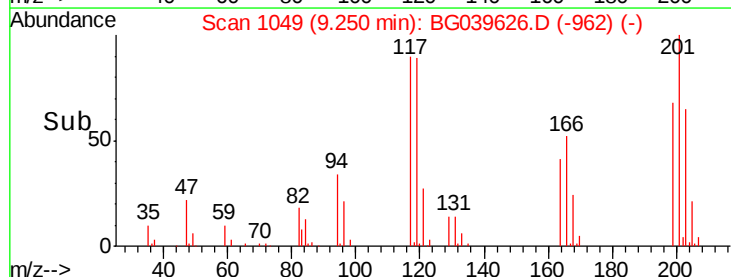
201 110.8 91.1 136.7

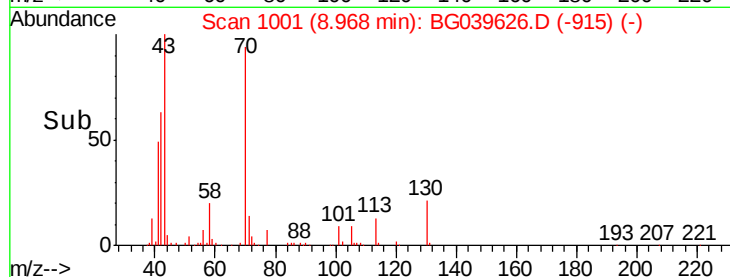
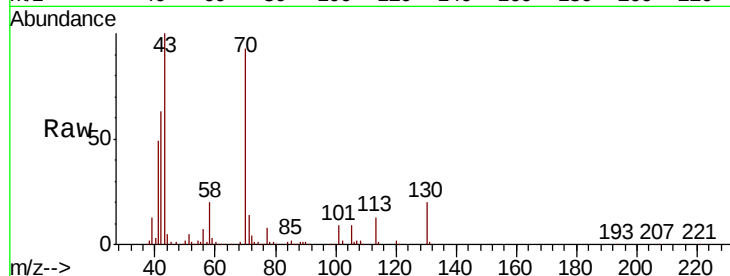
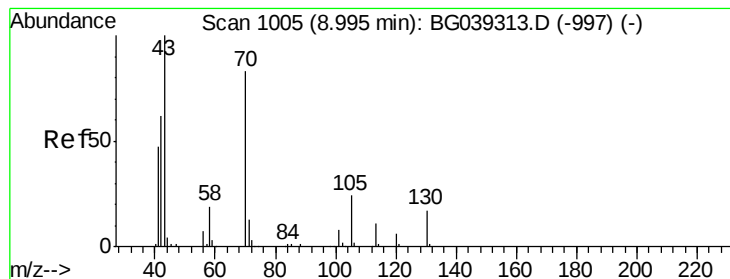


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.320 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.03 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

Tot Ion: 70 Resp: 121070

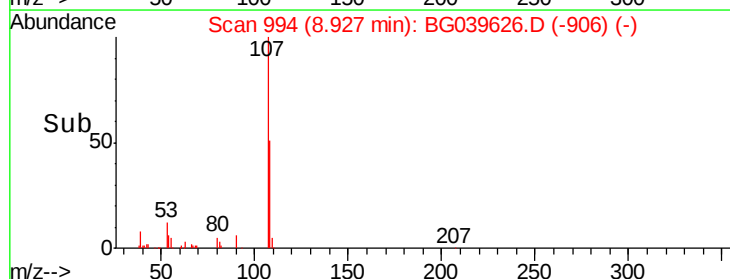
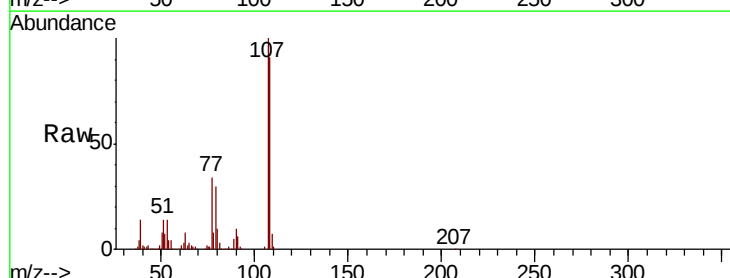
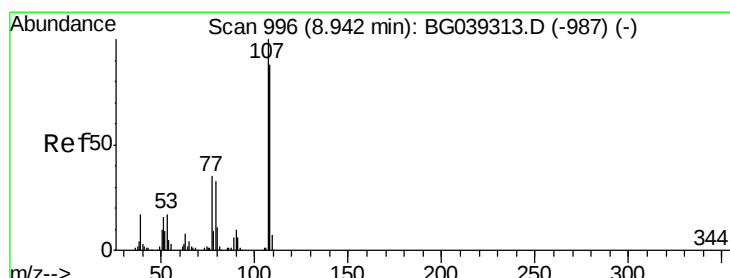
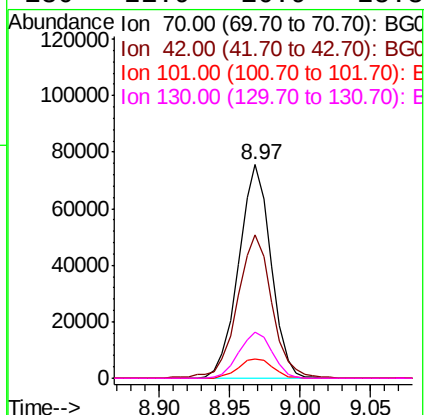
Ion Ratio Lower Upper

70 100

42 67.4 60.4 90.6

101 9.2 7.5 11.3

130 21.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 46.295 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Tgt Ion: 107 Resp: 191435

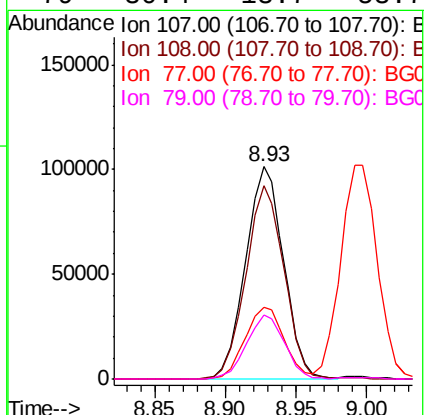
Ion Ratio Lower Upper

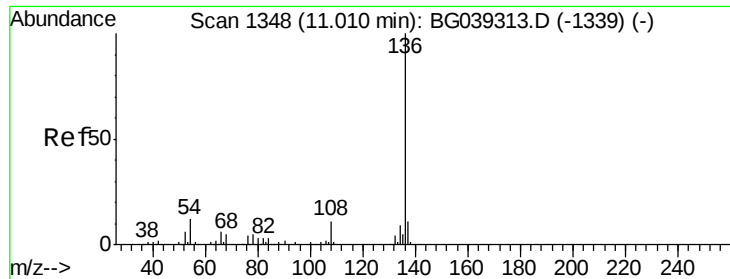
107 100

108 90.9 67.9 107.9

77 33.8 15.4 55.4

79 30.4 13.7 53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

Tot Ion:136 Resp: 214856

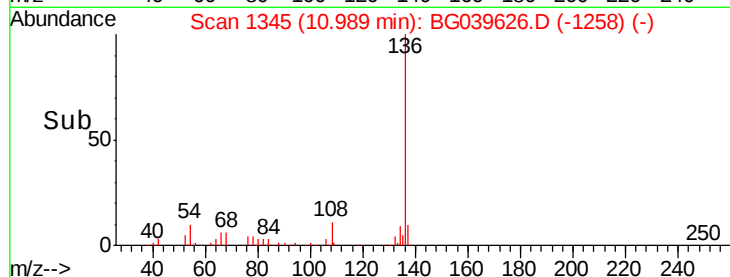
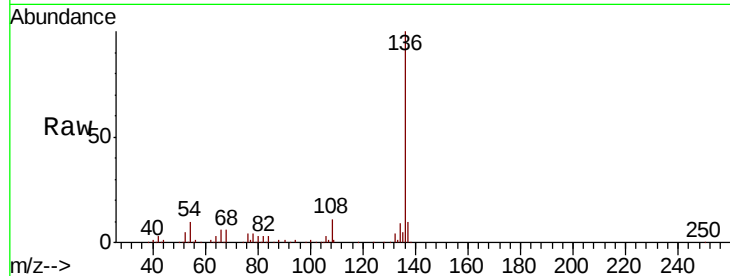
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 10.5 9.4 14.2

68 6.5 4.2 6.4#

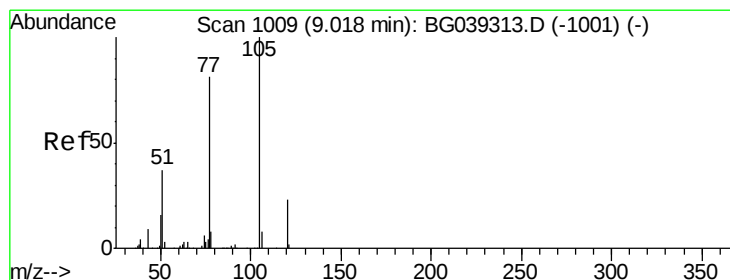
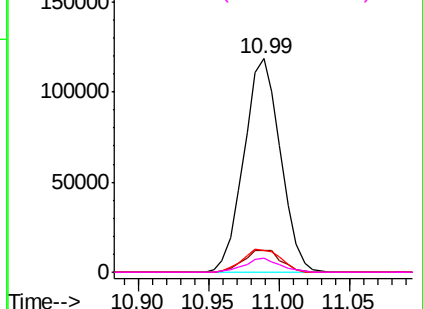


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.216 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Tgt Ion:105 Resp: 232104

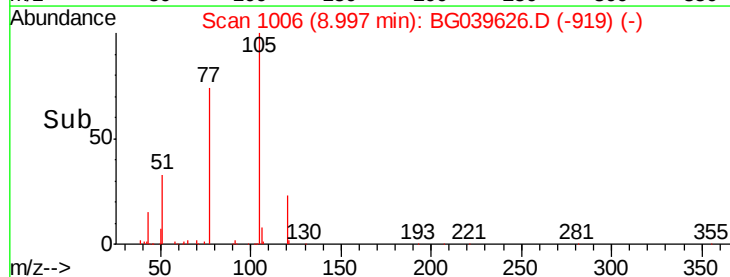
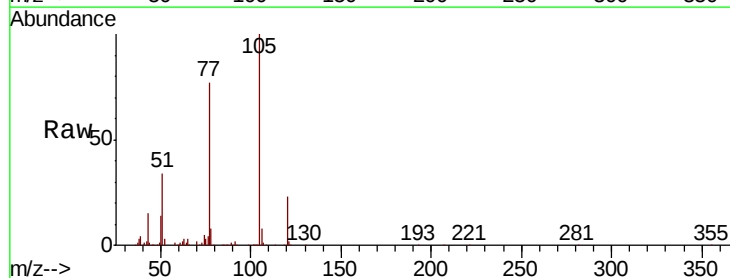
Ion Ratio Lower Upper

105 100

71 0.4 0.8 1.2#

51 34.2 30.2 45.2

120 23.4 18.0 27.0

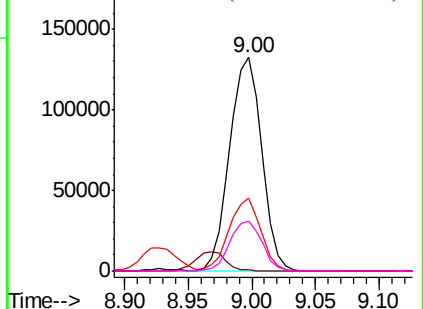


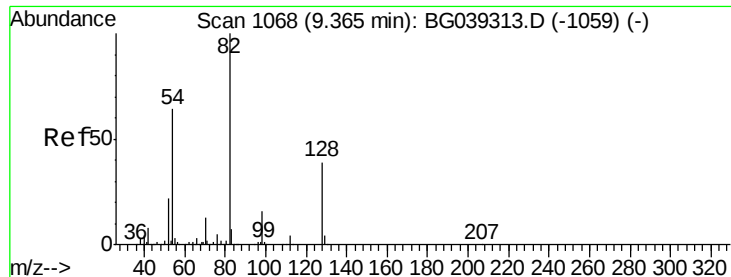
Abundance Ion 105.00 (104.70 to 105.70): E

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: 105.815 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

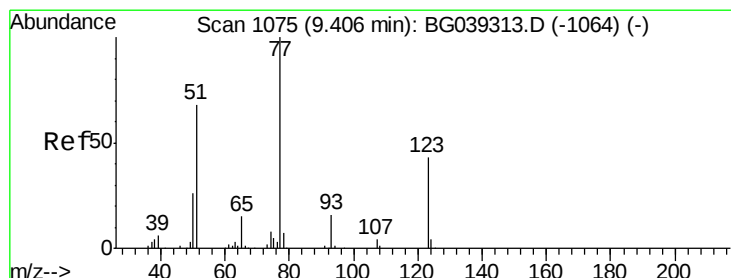
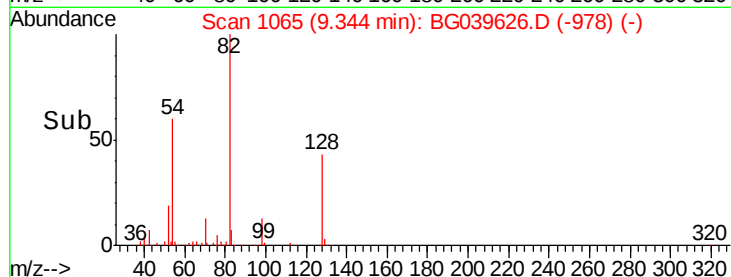
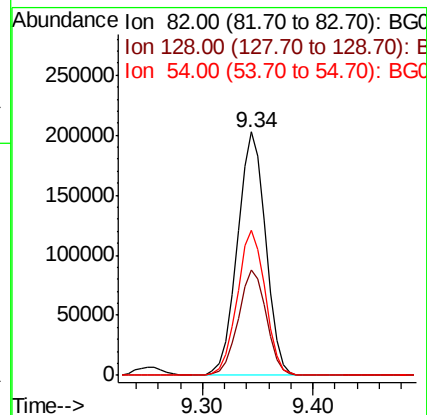
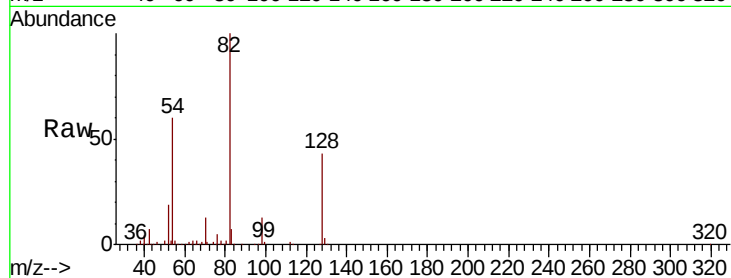
Tot Ion: 82 Resp: 363925

Ion Ratio Lower Upper

82 100

128 43.2 31.3 46.9

54 59.8 50.9 76.3



#24

Nitrobenzene

Concen: 48.764 ng

RT: 9.39 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

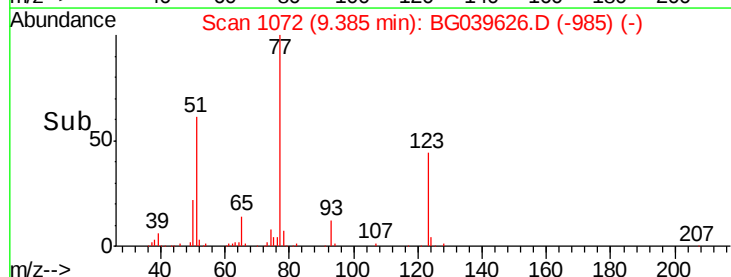
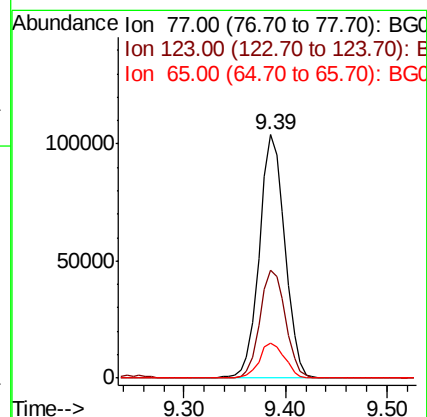
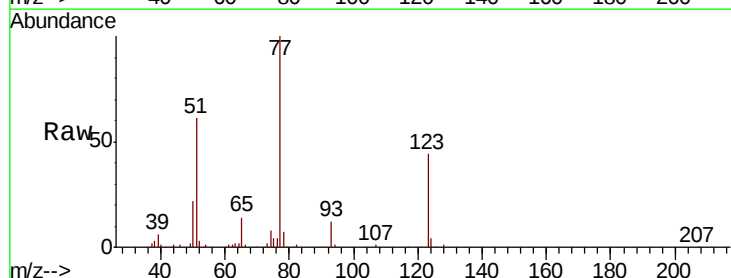
Tgt Ion: 77 Resp: 181185

Ion Ratio Lower Upper

77 100

123 44.3 34.1 51.1

65 14.2 12.3 18.5

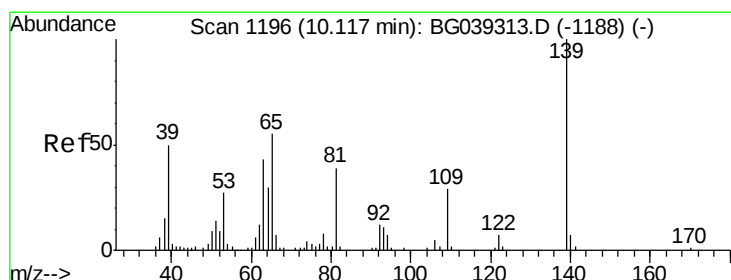
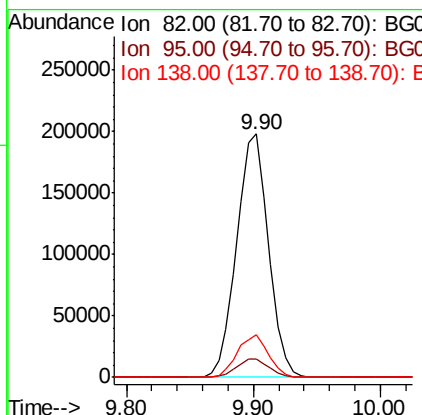
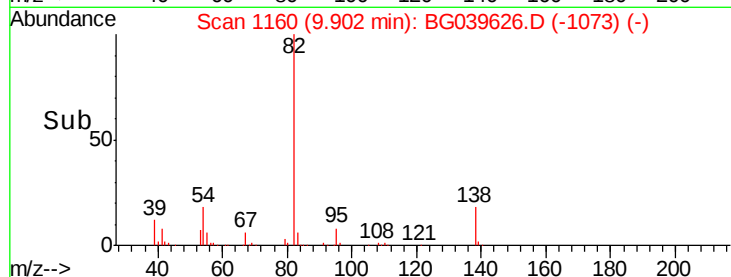
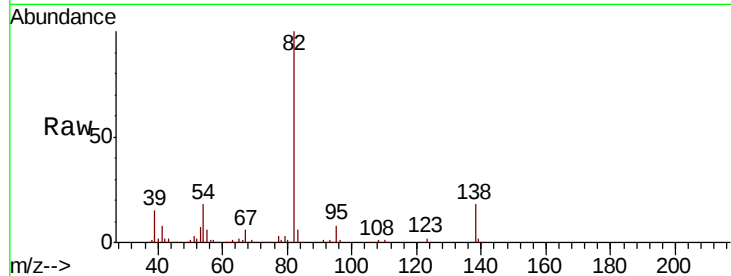




#25
Isophorone
Concen: 45.050 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

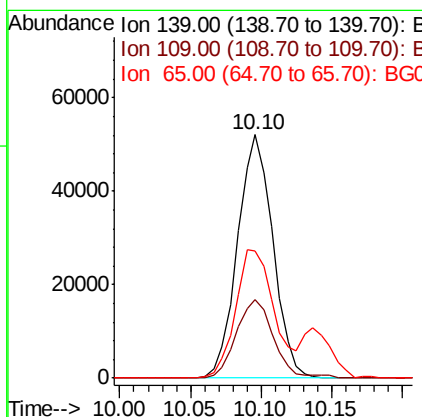
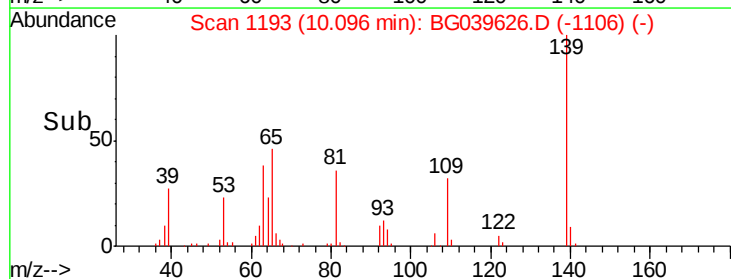
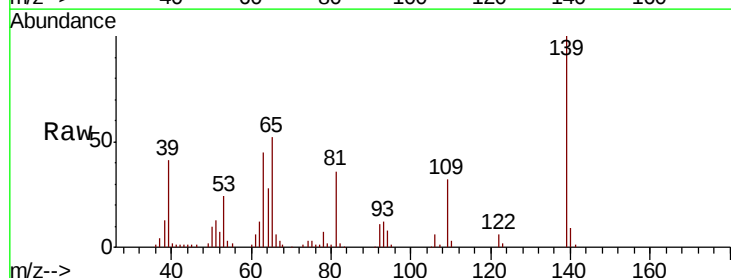
Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion: 82 Resp: 343340
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 17.6 13.0 19.4



#26
2-Nitrophenol
Concen: 58.430 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion: 139 Resp: 91075
Ion Ratio Lower Upper
139 100
109 32.1 23.4 35.0
65 52.3 44.3 66.5

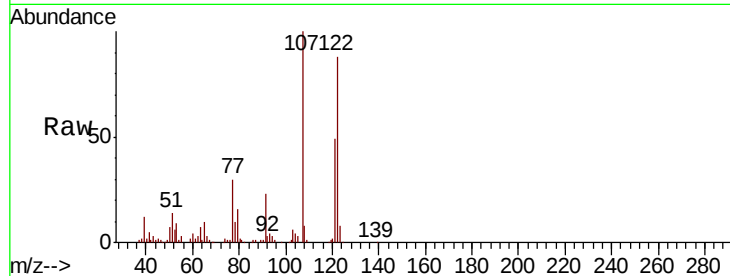




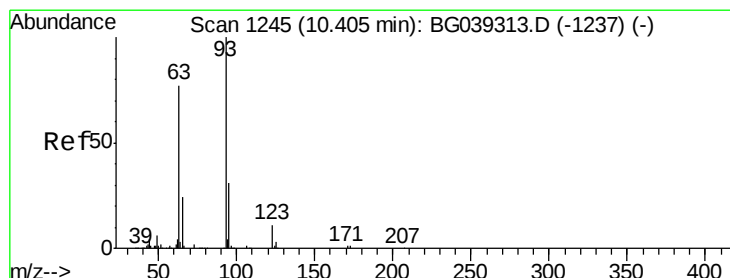
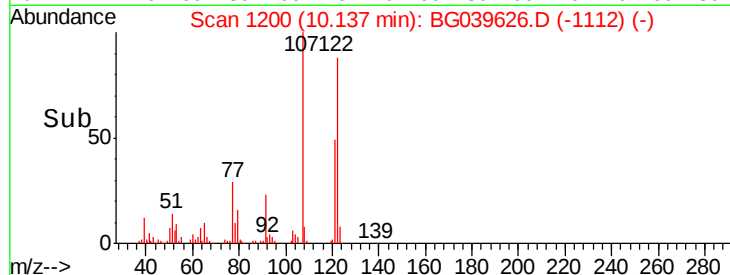
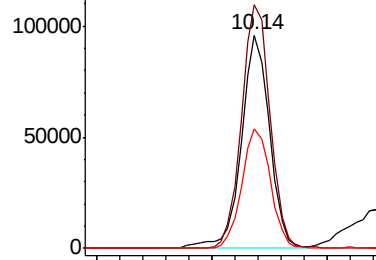
#27
2,4-Dimethylphenol
Concen: 53.123 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampled :
PB117396BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.7	137.5
121	55.8	46.4	69.6

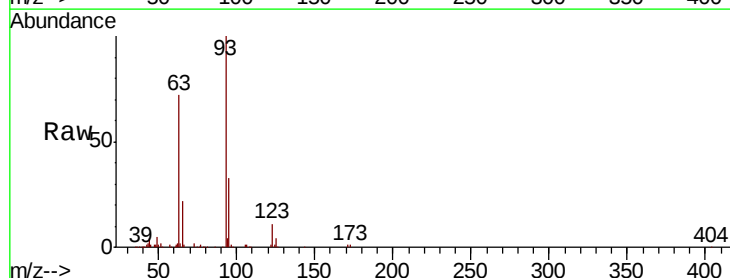


Abundance Ion 122.00 (121.70 to 122.70): E
150000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

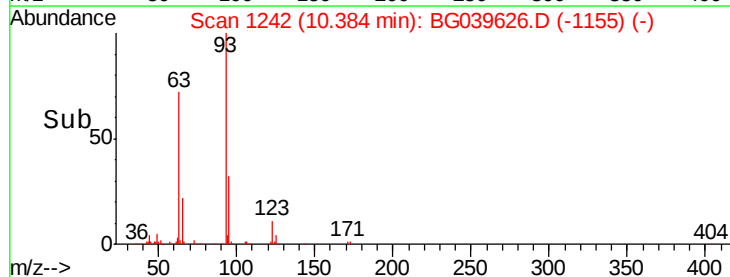
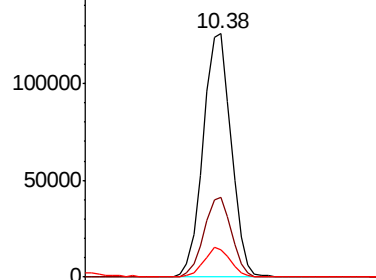


#28
bis(2-Chloroethoxy)methane
Concen: 45.012 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.0	37.4
123	11.1	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

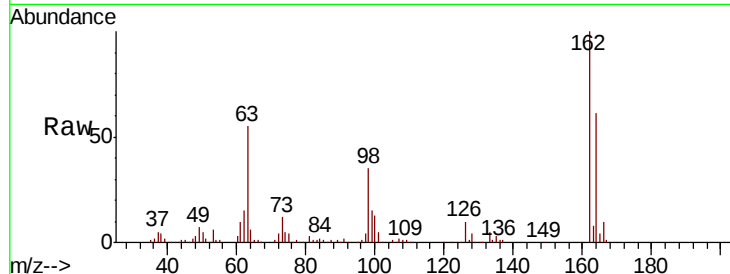




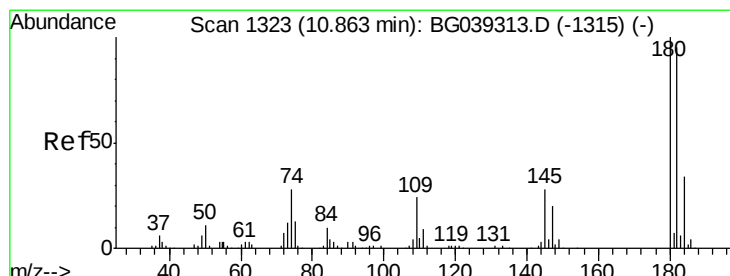
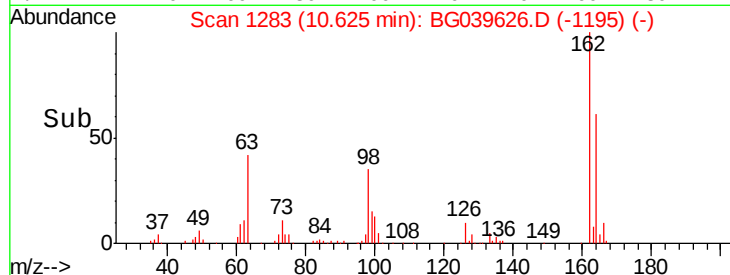
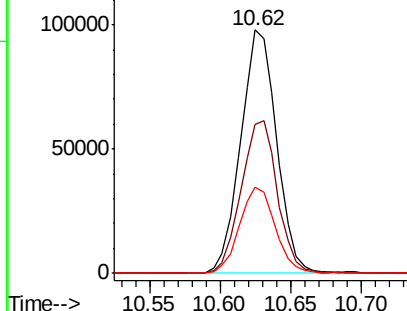
#29
 2,4-Dichlorophenol
 Concen: 51.666 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Instrument :
 BNA_G
 ClientSampleID :
 PB117396BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	48.1	88.1
98	35.2	18.1	58.1

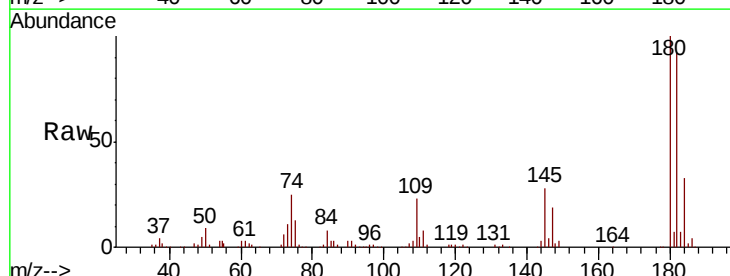


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

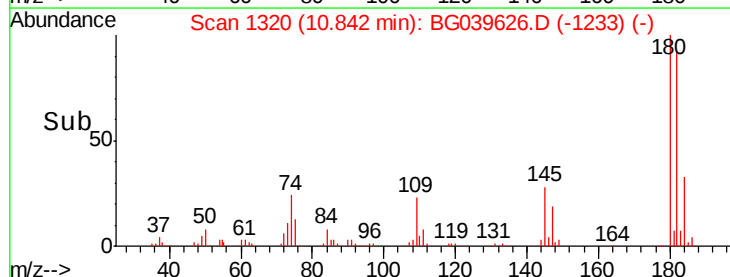
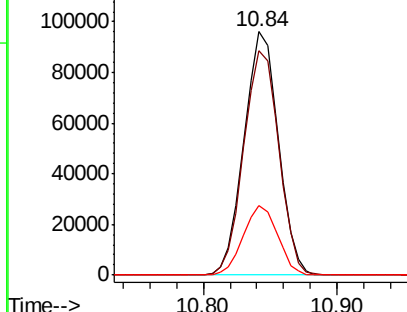


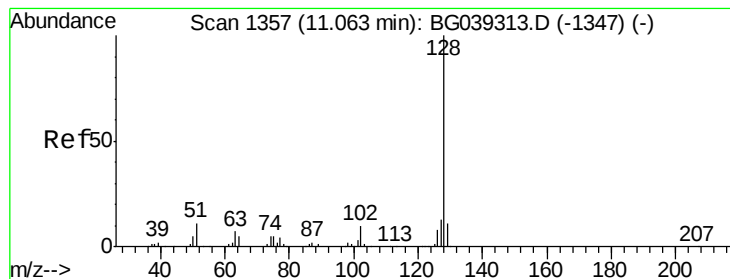
#30
 1,2,4-Trichlorobenzene
 Concen: 45.113 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.0	114.0
145	28.4	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

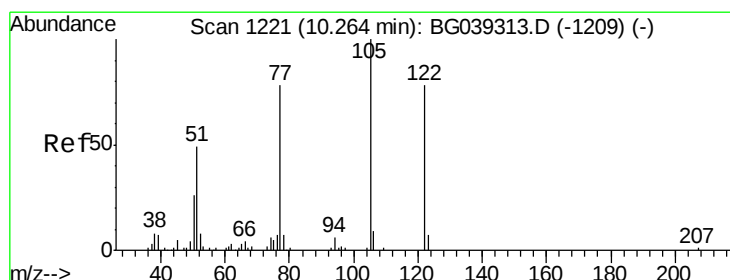
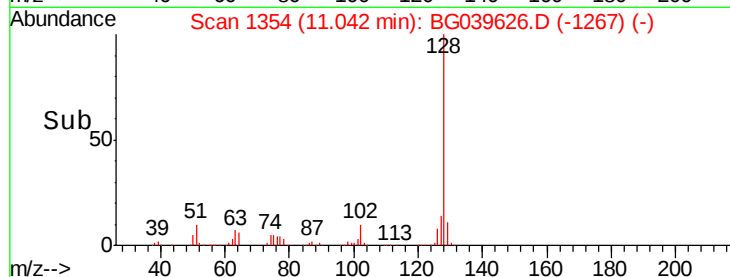
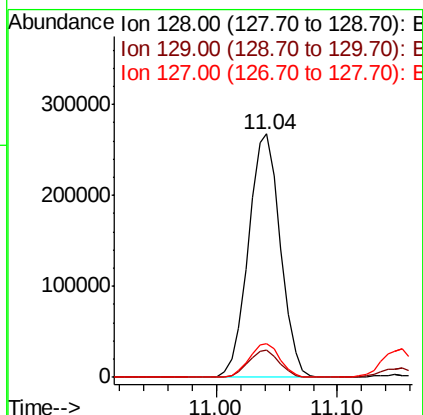
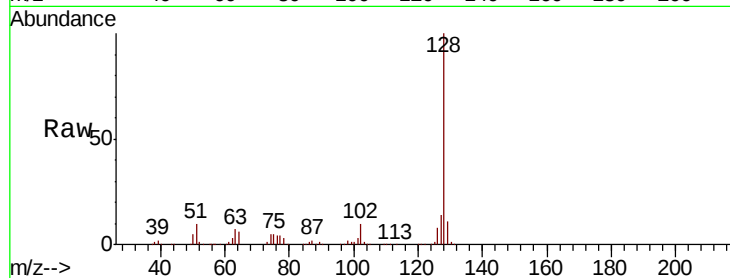




#31
Naphthalene
Concen: 46.059 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

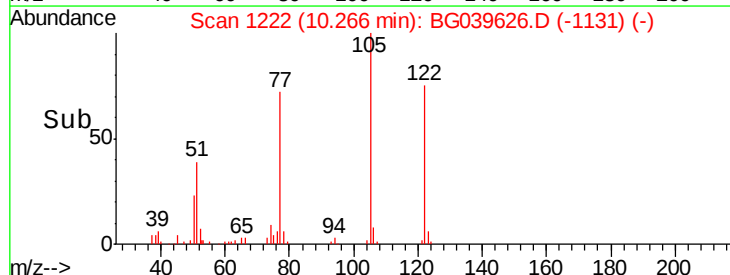
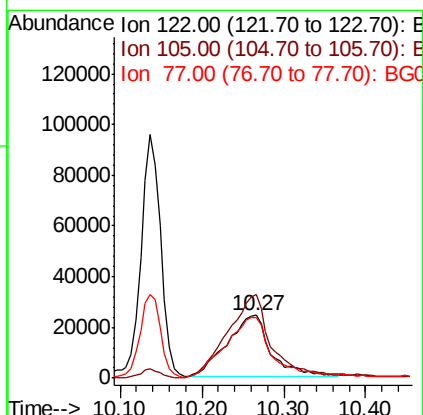
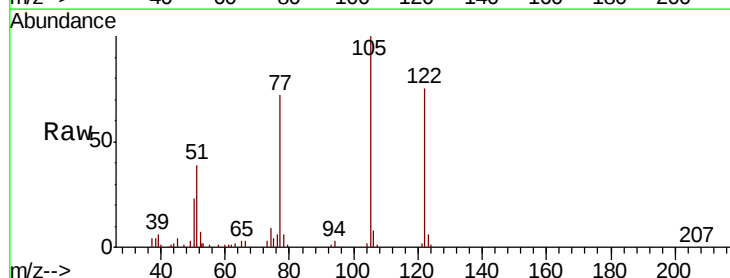
Instrument :
BNA_G
ClientSampleId :
PB117396BS

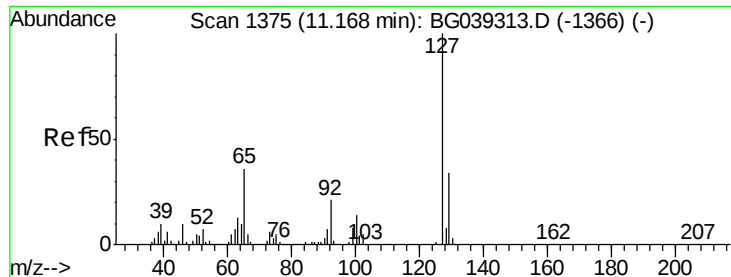
Tot Ion:128 Resp: 490942
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 45.880 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion:122 Resp: 91634
Ion Ratio Lower Upper
122 100
105 134.1 101.8 141.8
77 97.1 76.3 116.3

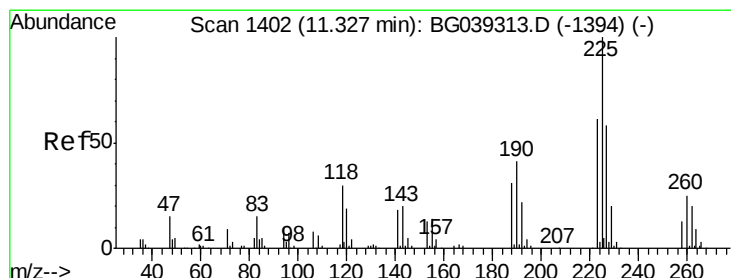
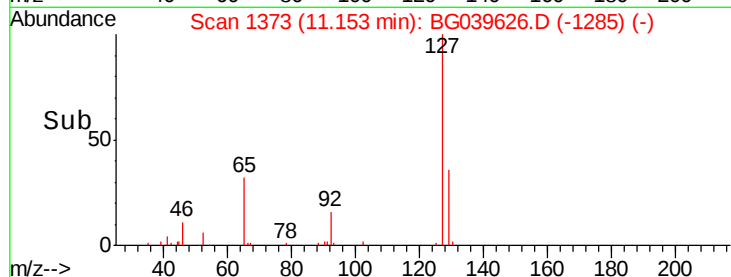
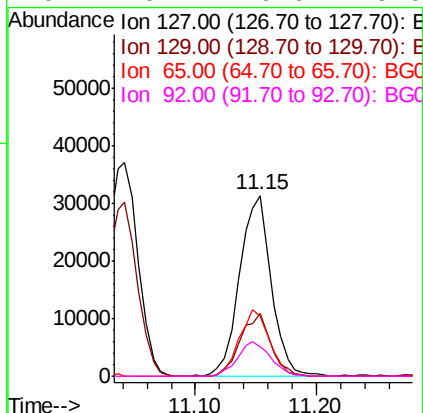
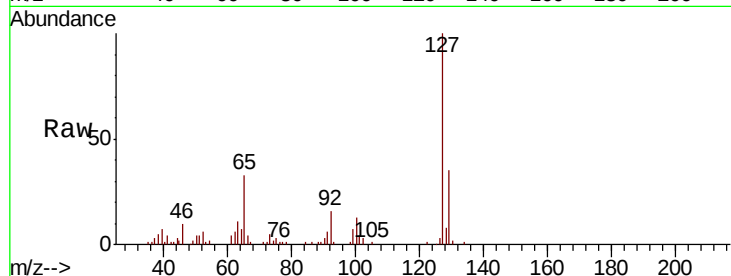




#33
4-Chloroaniline
Concen: 11.600 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

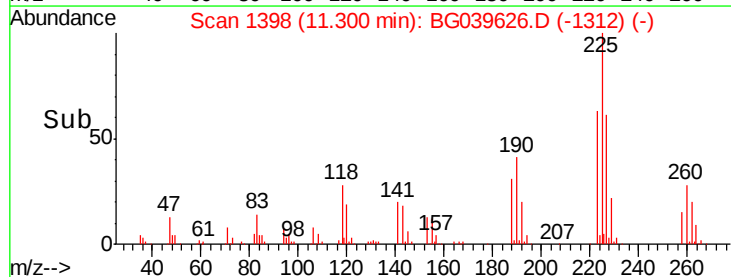
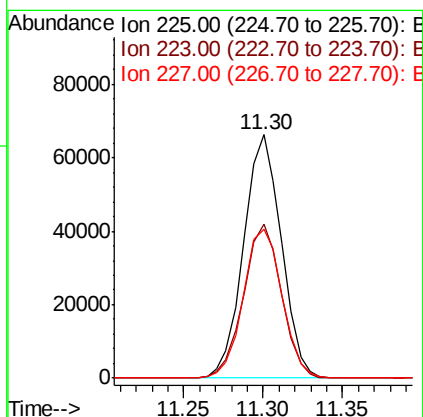
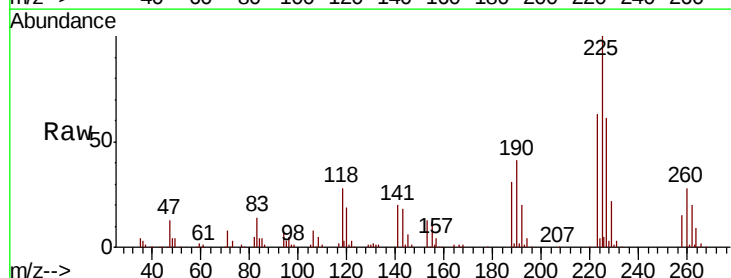
Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion:127 Resp: 57331
Ion Ratio Lower Upper
127 100
129 34.9 27.0 40.4
65 33.1 28.8 43.2
92 16.1 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 43.567 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion:225 Resp: 109606
Ion Ratio Lower Upper
225 100
223 63.3 49.0 73.6
227 61.1 46.3 69.5





#35

Caprolactam

Concen: 43.604 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

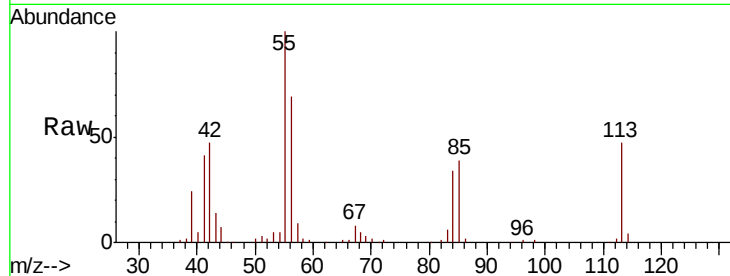
Tot Ion:113 Resp: 60799

Ion Ratio Lower Upper

113 100

55 214.6 216.9 256.9#

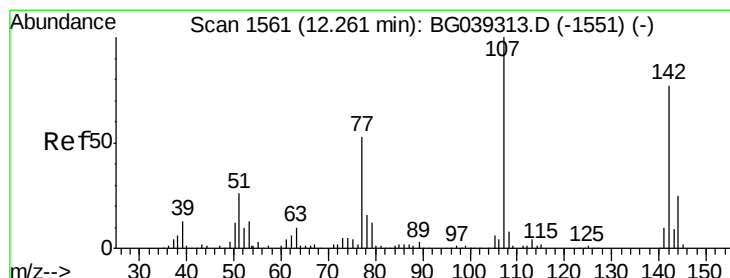
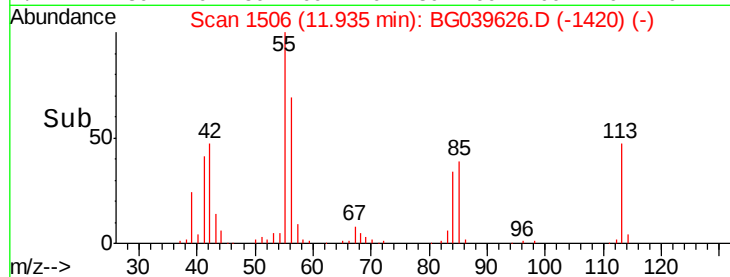
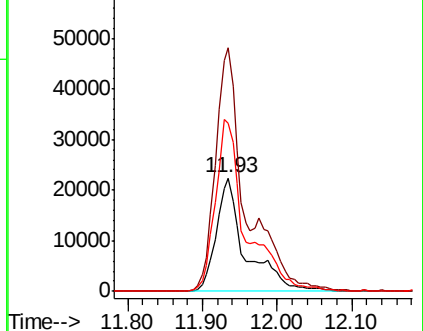
56 148.1 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.562 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

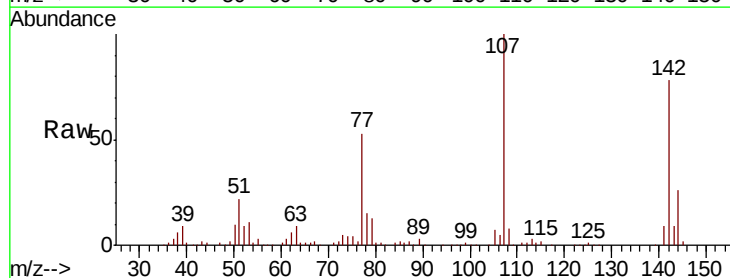
Tgt Ion:107 Resp: 185342

Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.2

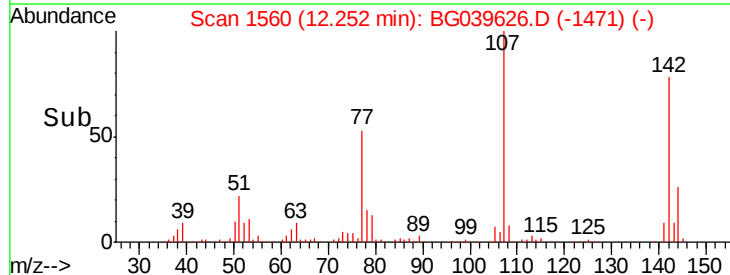
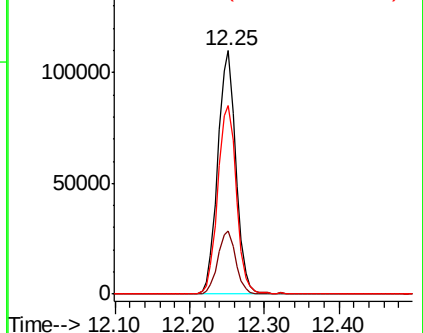
142 77.6 61.4 92.2

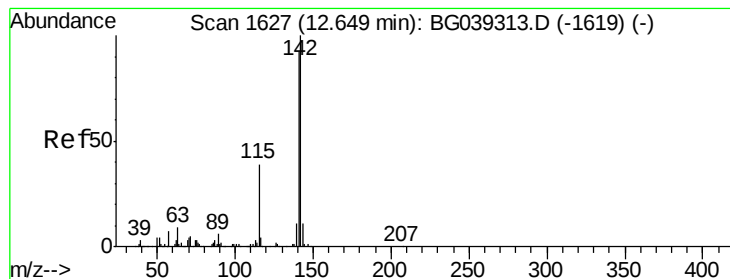


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.356 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

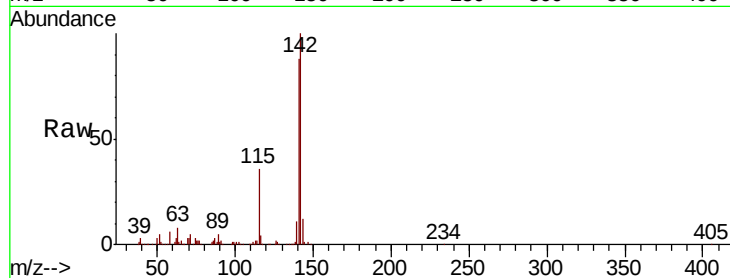
Tot Ion:142 Resp: 373857

Ion Ratio Lower Upper

142 100

141 88.5 73.5 110.3

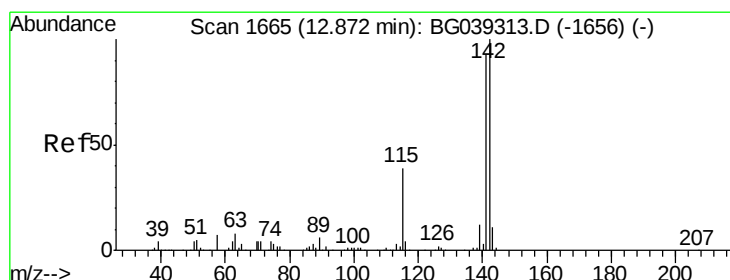
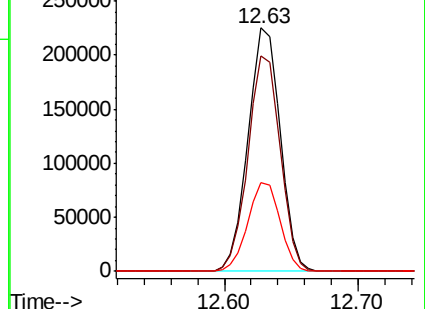
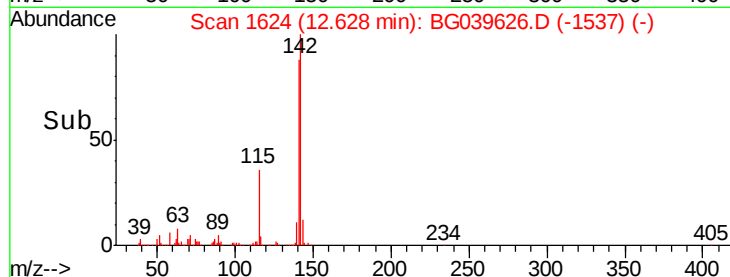
115 36.4 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.561 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

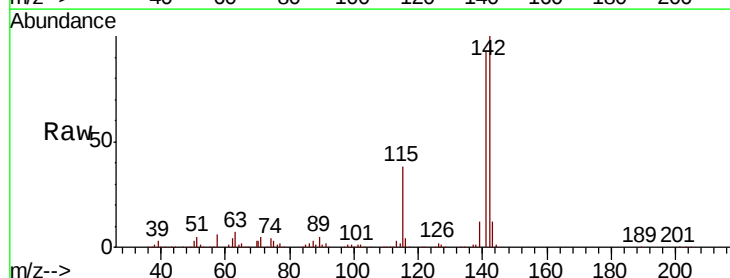
Tgt Ion:142 Resp: 354329

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4

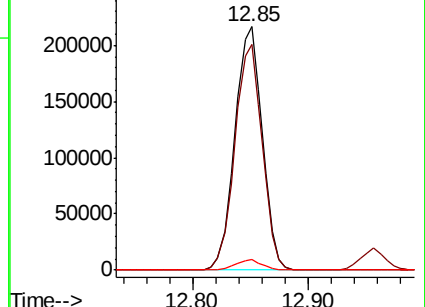
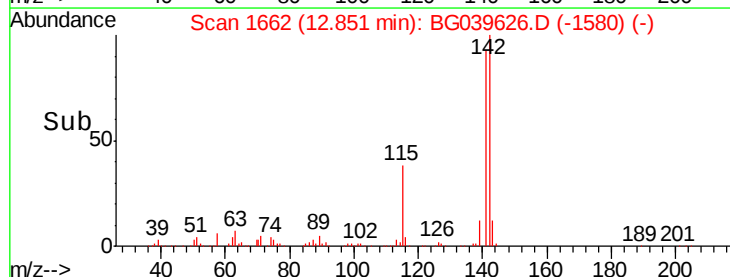
116 4.4 3.0 4.6

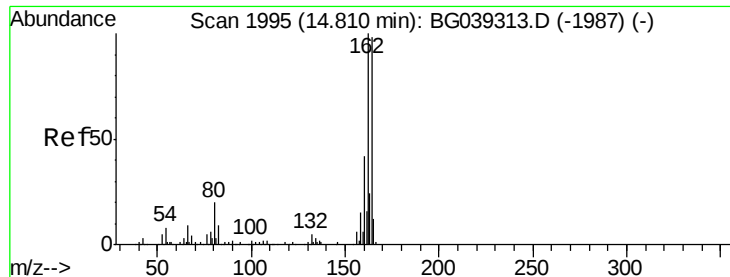


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

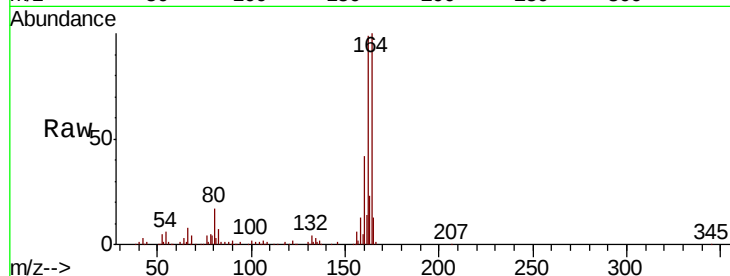
Tot Ion:164 Resp: 146734

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

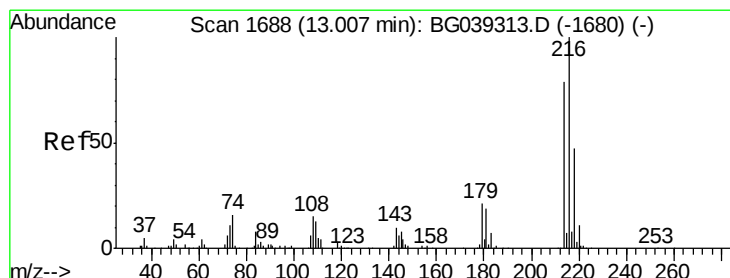
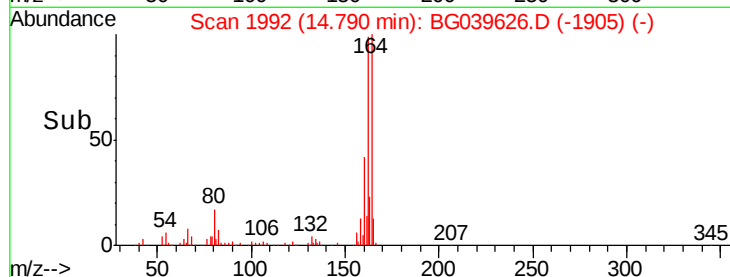
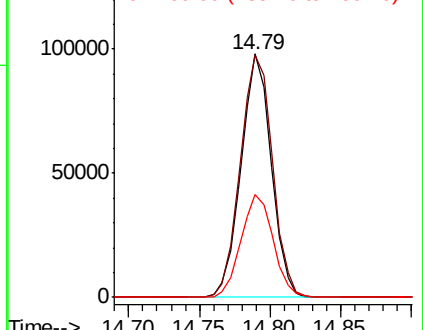
160 42.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.791 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Tgt Ion:216 Resp: 204444

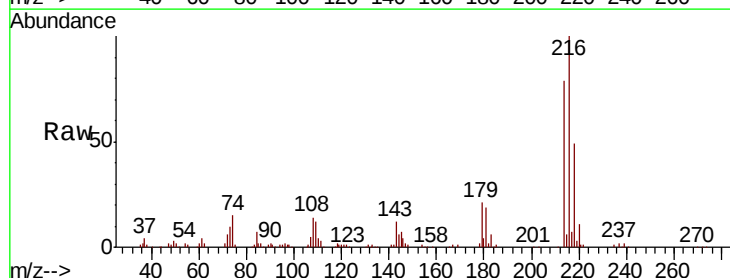
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.5 16.6 25.0

108 17.7 14.0 21.0

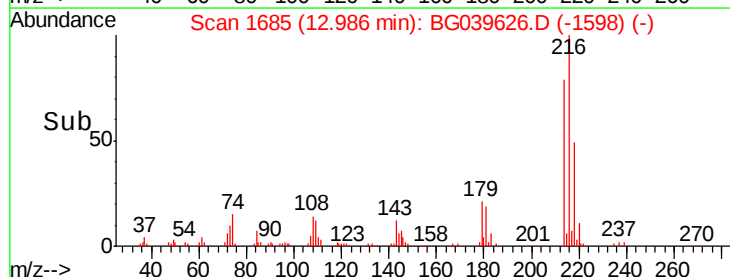
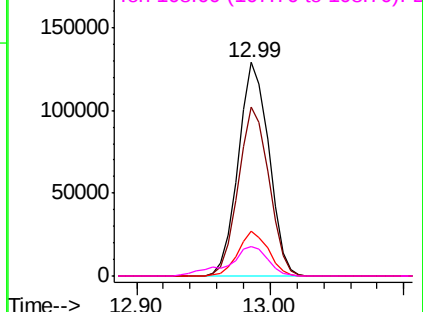


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.474 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

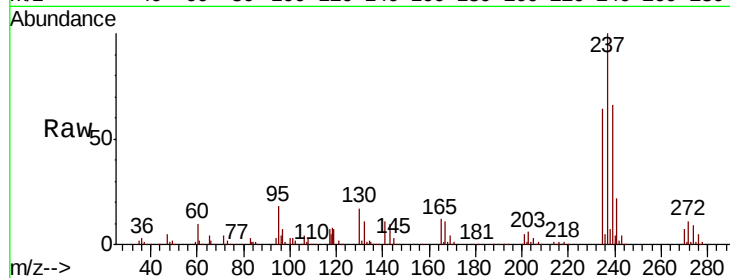
Tot Ion:237 Resp: 265784

Ion Ratio Lower Upper

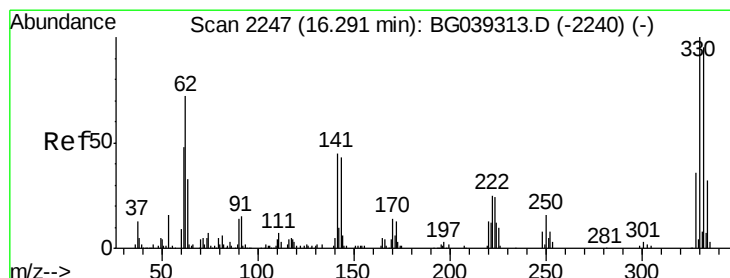
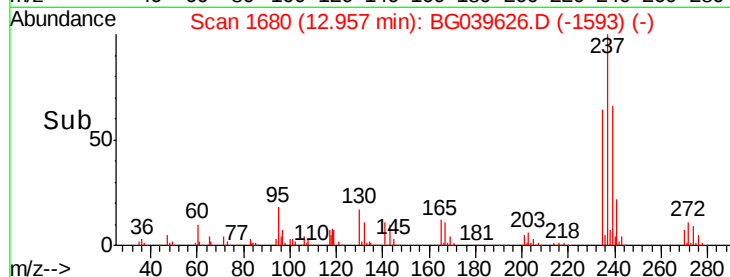
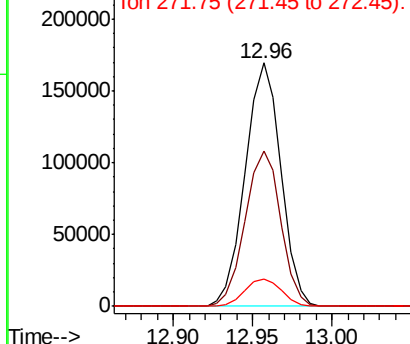
237 100

235 63.6 43.3 83.3

272 11.1 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: 103.950 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

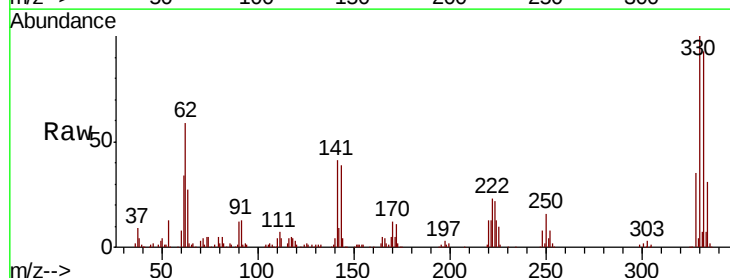
Tgt Ion:330 Resp: 164249

Ion Ratio Lower Upper

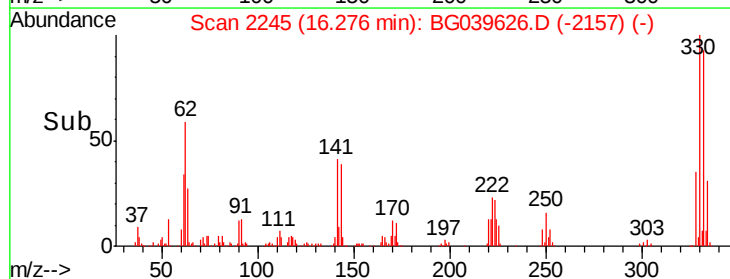
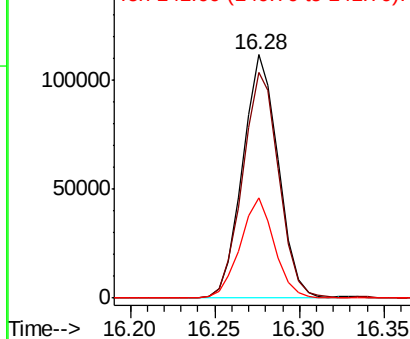
330 100

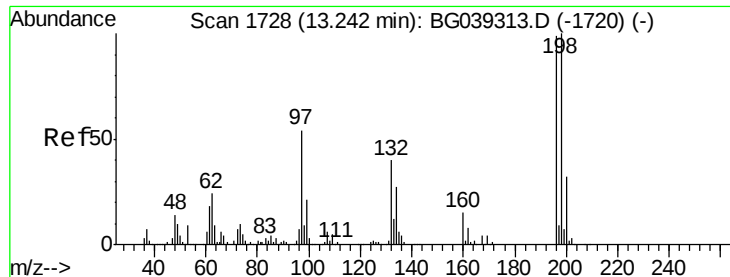
332 94.4 75.7 113.5

141 39.8 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

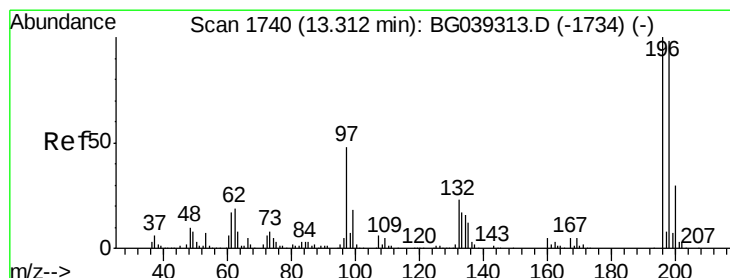
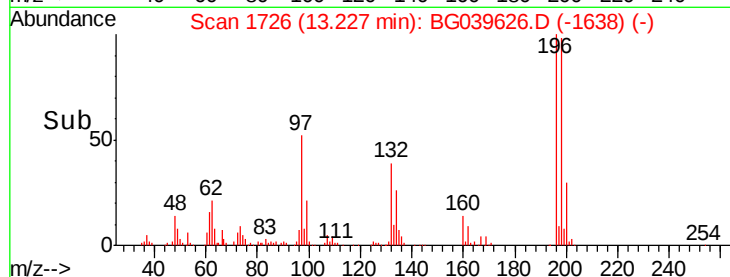
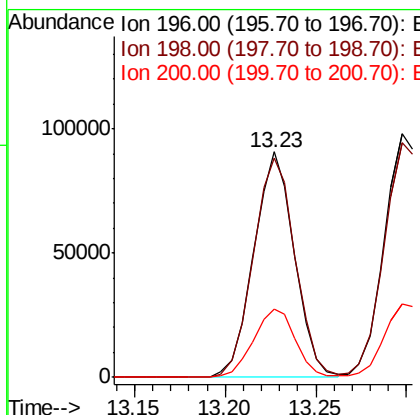
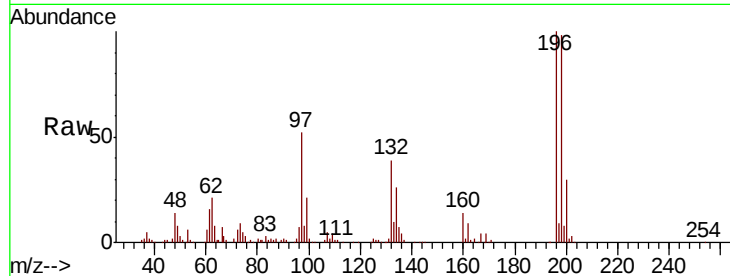




#43
 2,4,6-Trichlorophenol
 Concen: 49.277 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

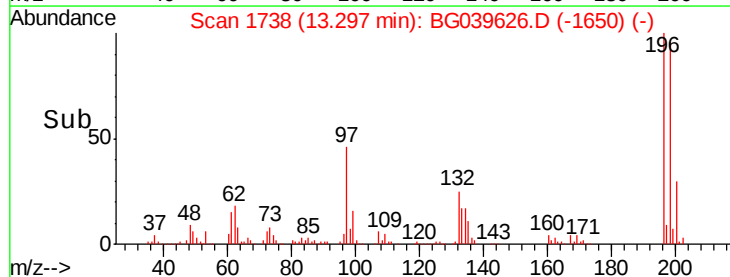
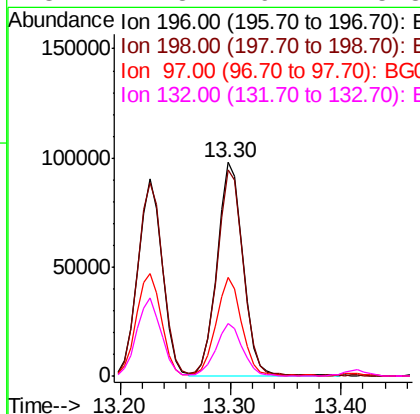
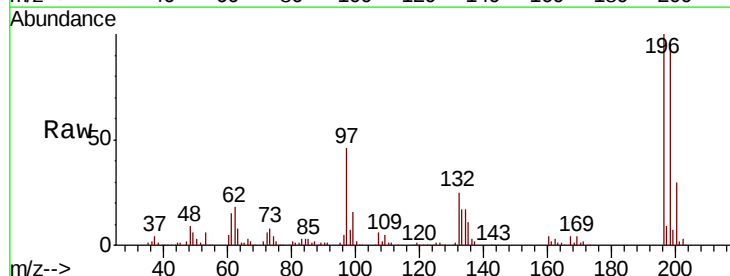
Instrument :
 BNA_G
 ClientSampleId :
 PB117396BS

Tot Ion:196 Resp: 141451
 Ion Ratio Lower Upper
 196 100
 198 97.7 80.6 121.0
 200 30.1 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 52.833 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Tgt Ion:196 Resp: 158951
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.5 117.7
 97 45.9 38.4 57.6
 132 24.8 19.2 28.8

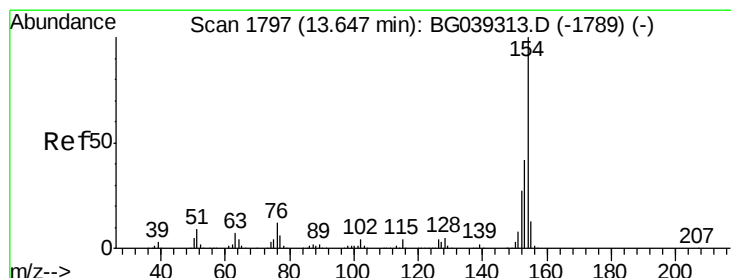
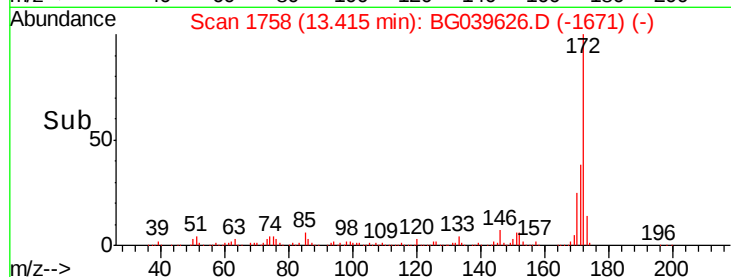
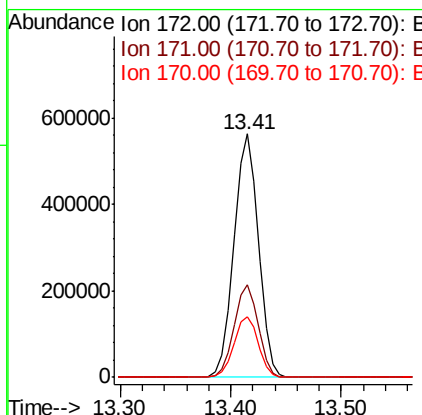
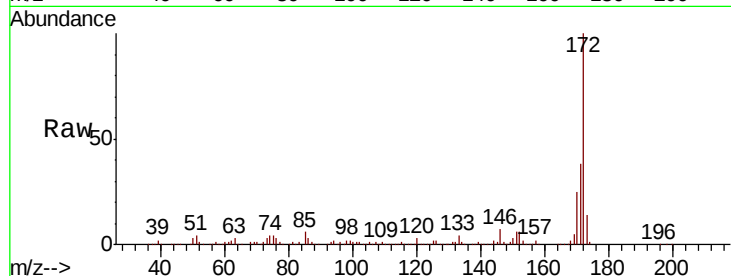




#45
2-Fluorobiphenyl
Concen: 85.550 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

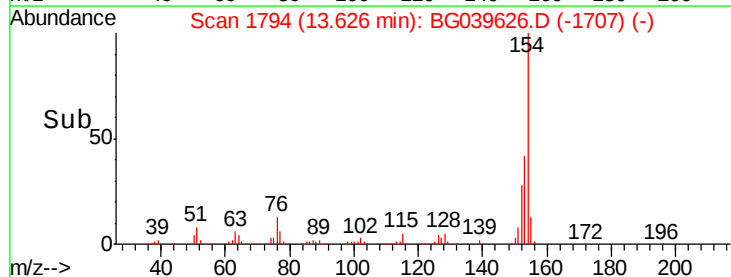
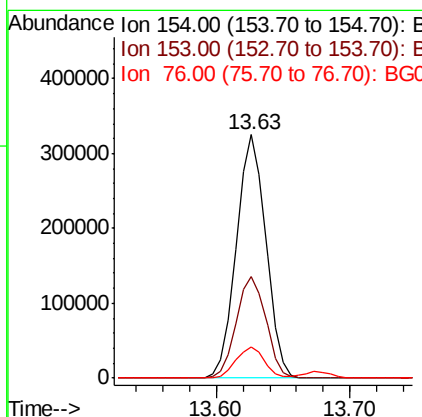
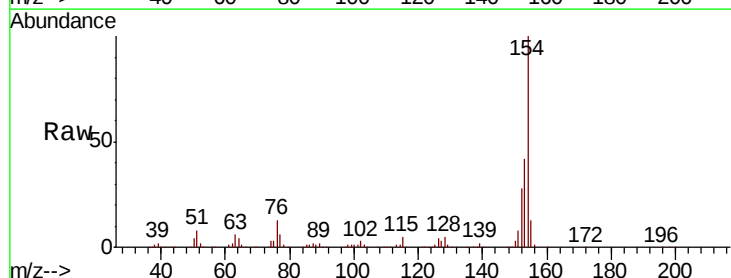
Instrument :
BNA_G
ClientSampleId :
PB117396BS

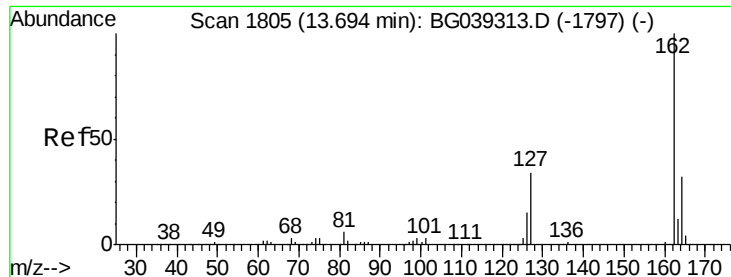
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	24.9	20.2	30.4



#46
1,1'-Biphenyl
Concen: 40.751 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	12.6	0.0	32.4

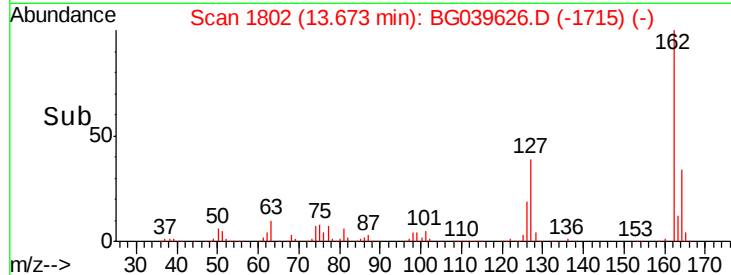
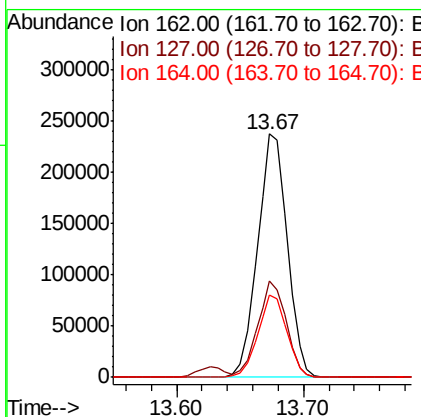
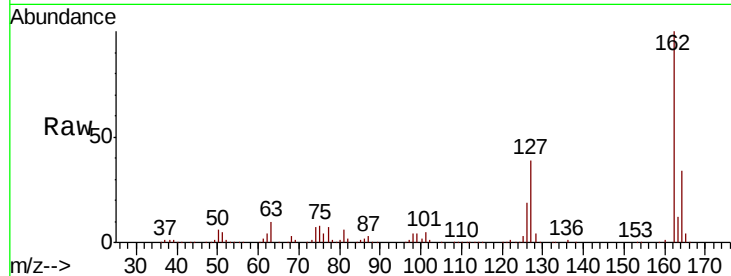




#47
 2-Chloronaphthalene
 Concen: 42.076 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

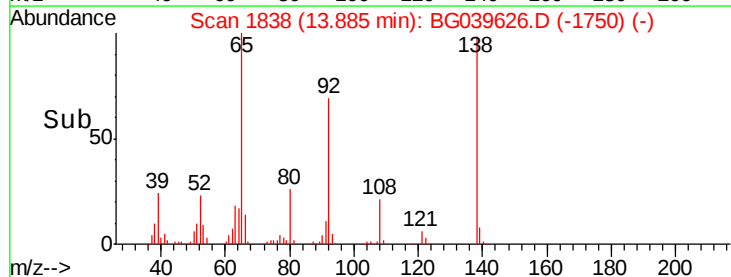
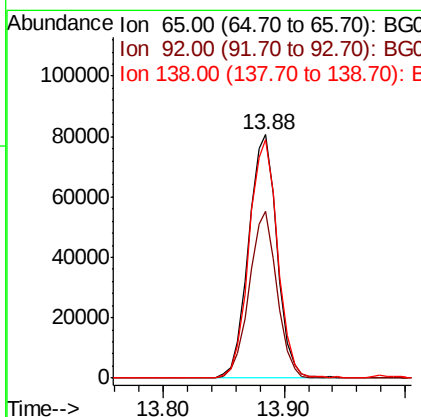
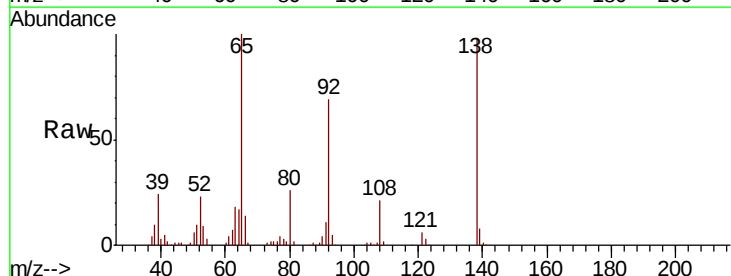
Instrument :
 BNA_G
 ClientSampleId :
 PB117396BS

Tot Ion:162 Resp: 386438
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.0 46.6
 164 33.8 25.7 38.5



#48
 2-Nitroaniline
 Concen: 49.717 ng
 RT: 13.88 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Tgt Ion: 65 Resp: 132116
 Ion Ratio Lower Upper
 65 100
 92 68.7 51.4 77.2
 138 98.1 71.4 107.2





#49

Acenaphthylene

Concen: 45.180 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

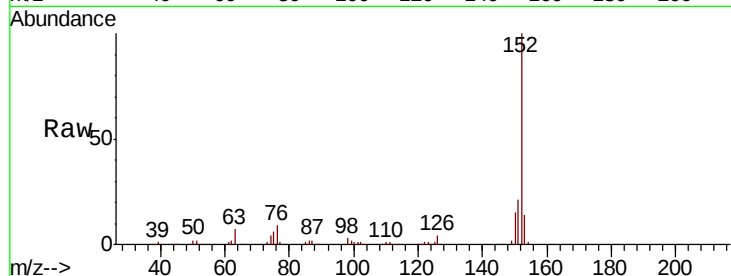
Tot Ion:152 Resp: 626114

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

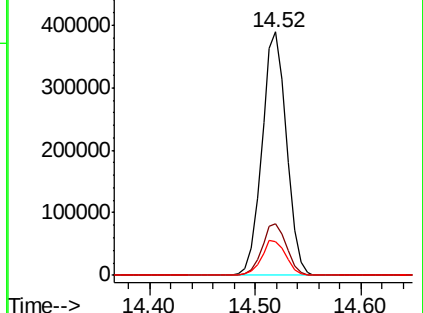
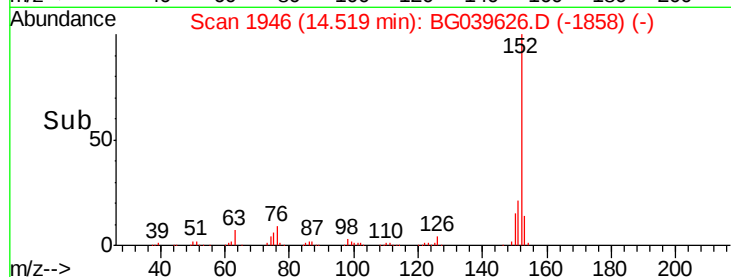
153 13.7 11.7 17.5



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: 43.391 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

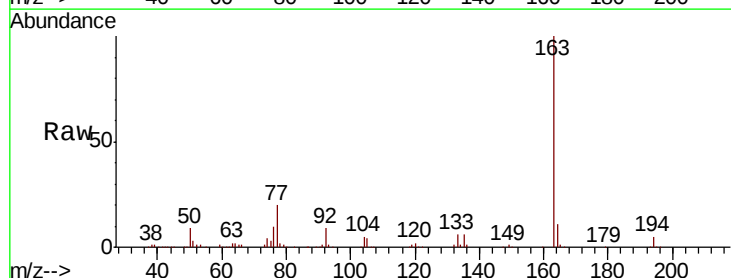
Tgt Ion:163 Resp: 514216

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

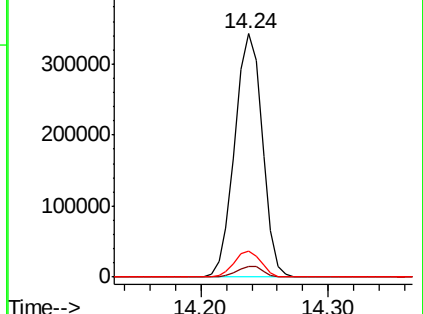
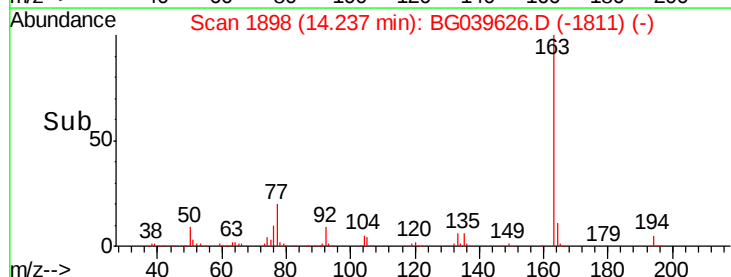
164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.797 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

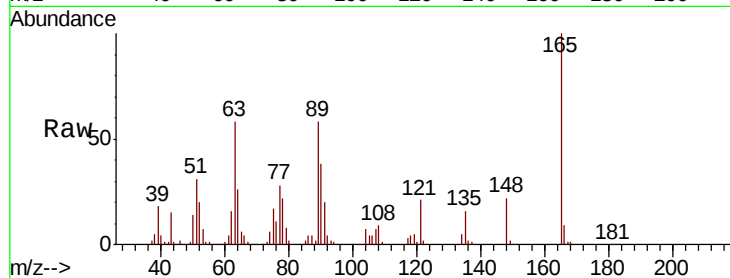
Tot Ion:165 Resp: 116055

Ion Ratio Lower Upper

165 100

63 57.7 47.0 70.6

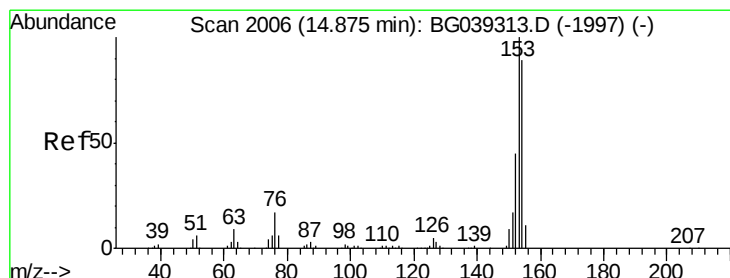
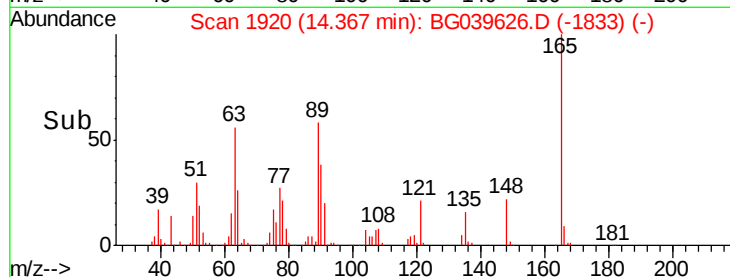
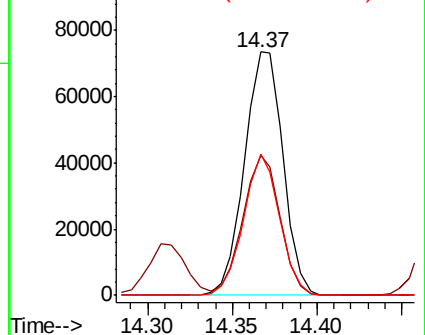
89 58.0 45.8 68.8



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: 42.310 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

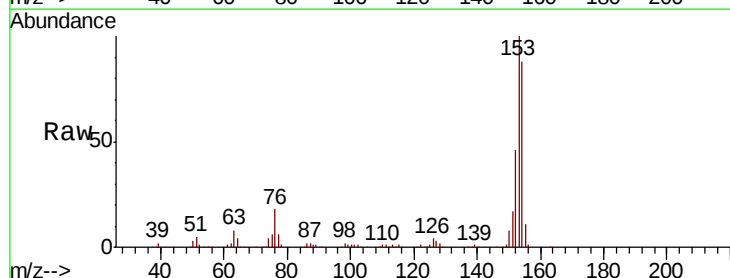
Tgt Ion:154 Resp: 380612

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

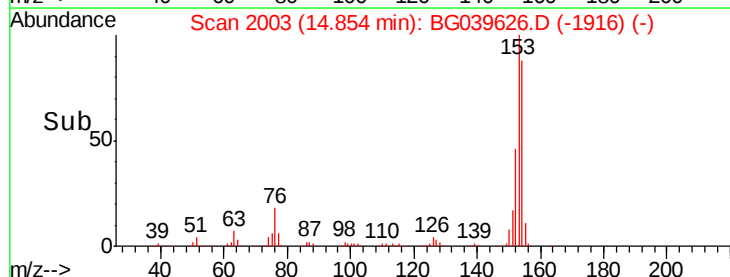
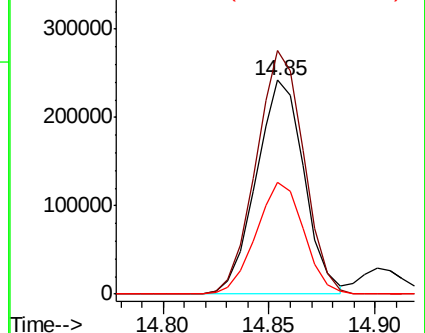
152 52.5 40.9 61.3

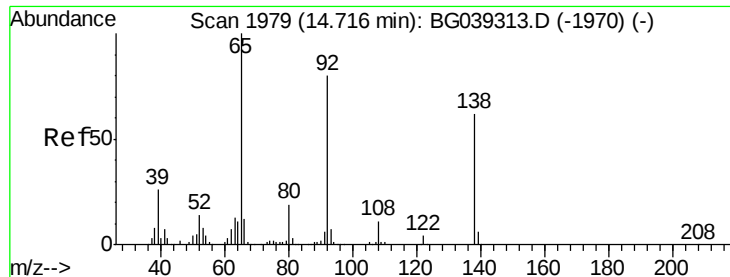


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.889 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

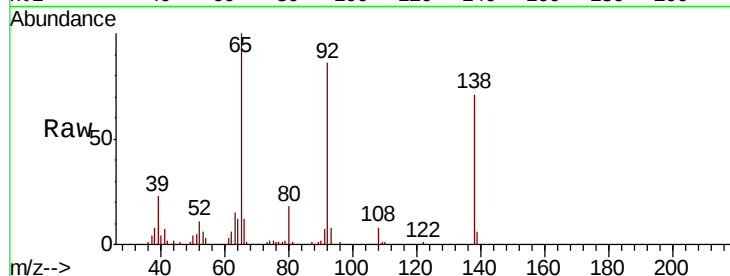
Tot Ion:138 Resp: 46465

Ion Ratio Lower Upper

138 100

108 11.6 13.8 20.8#

92 120.9 103.7 155.5

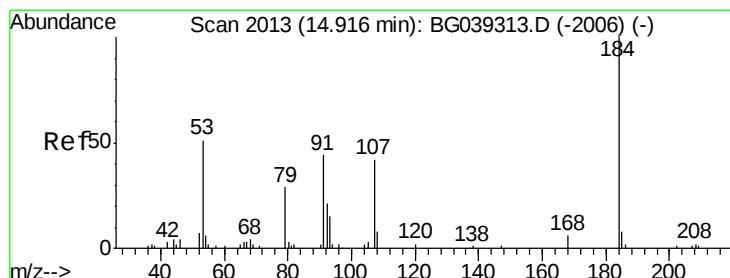
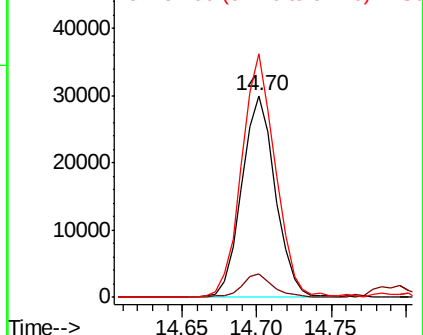
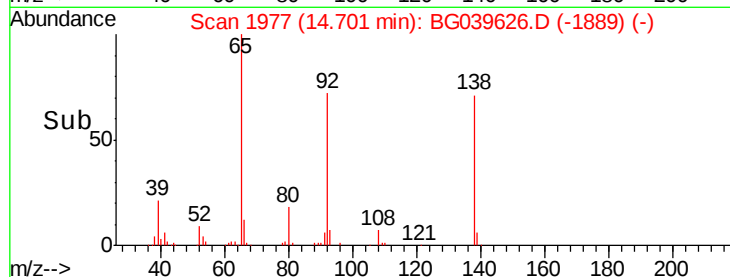


Abundance

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: 78.237 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

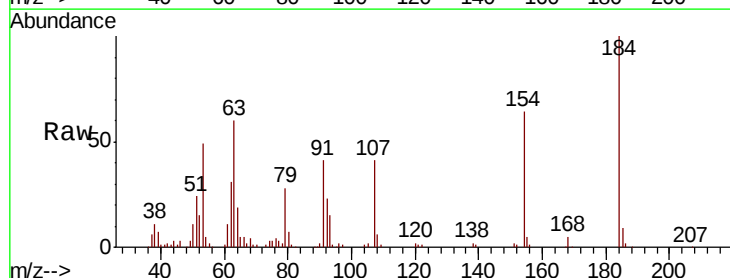
Tgt Ion:184 Resp: 75817

Ion Ratio Lower Upper

184 100

63 60.2 50.9 76.3

154 63.5 53.0 79.6

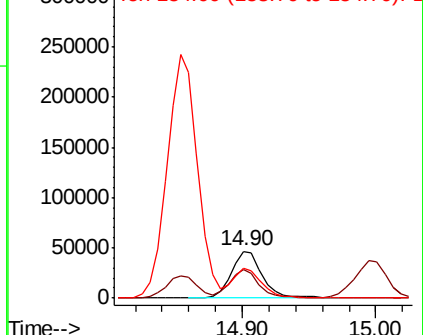
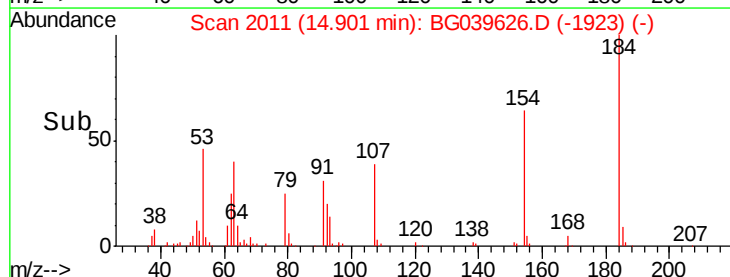


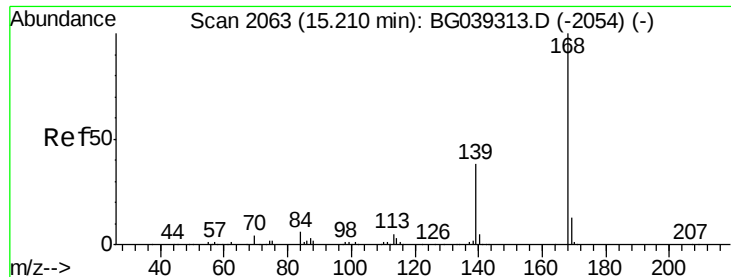
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

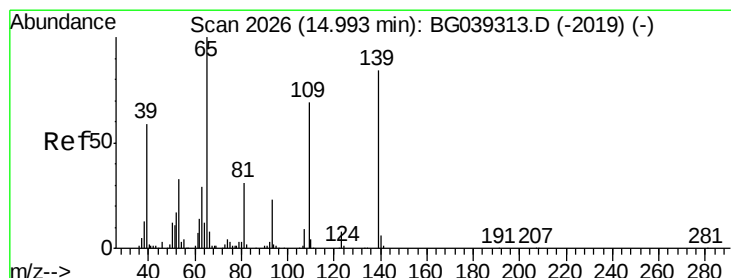
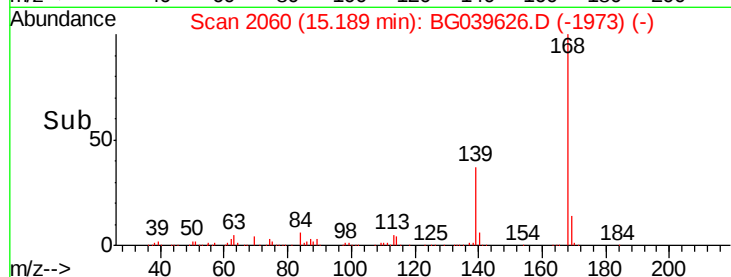
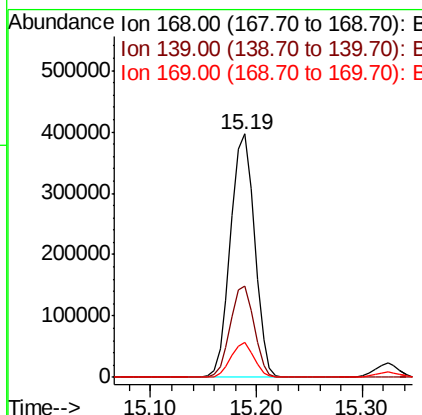
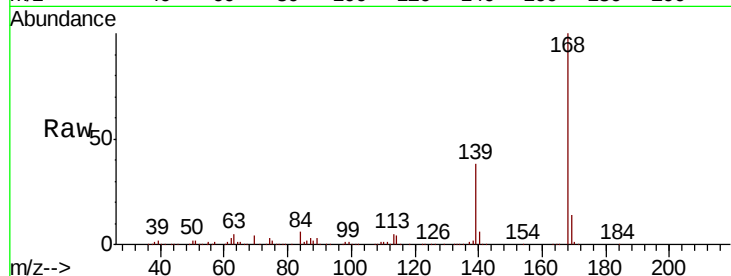




#55
Dibenzofuran
Concen: 43.226 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

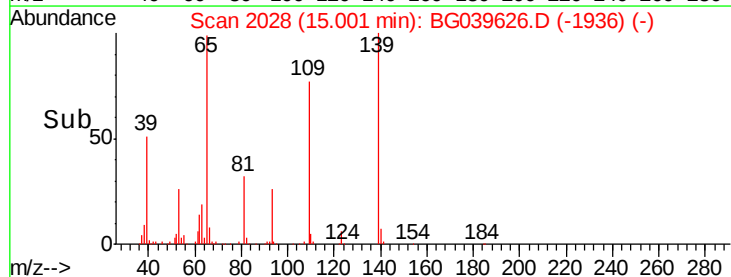
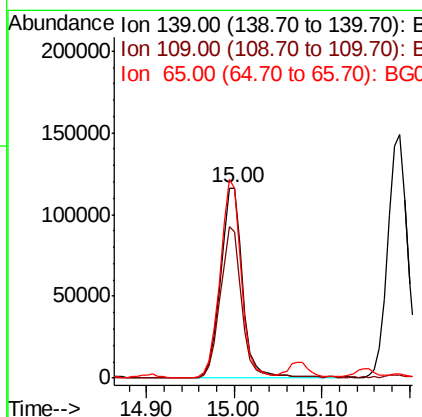
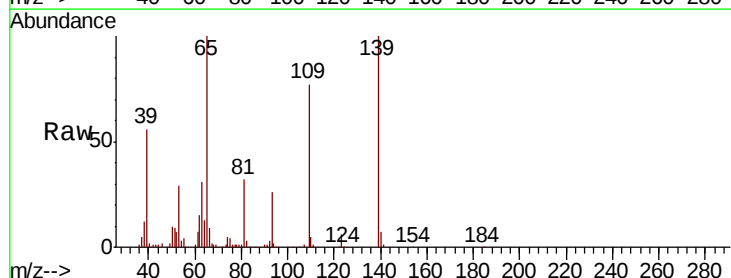
Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion:168 Resp: 623454
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 14.2 10.6 16.0



#56
4-Nitrophenol
Concen: 94.123 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion:139 Resp: 204042
Ion Ratio Lower Upper
139 100
109 76.7 61.9 101.9
65 99.5 99.1 139.1

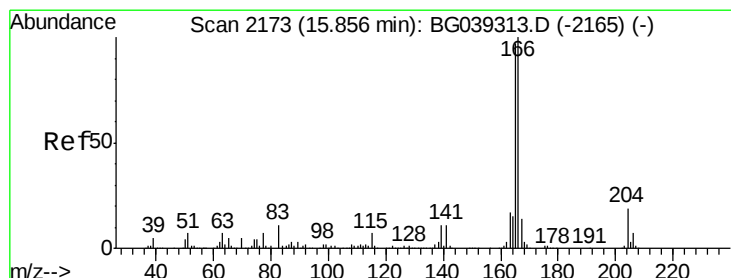
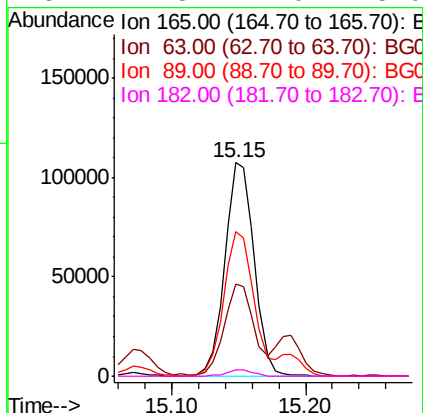
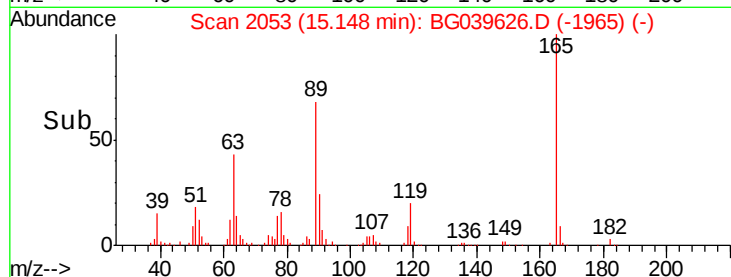
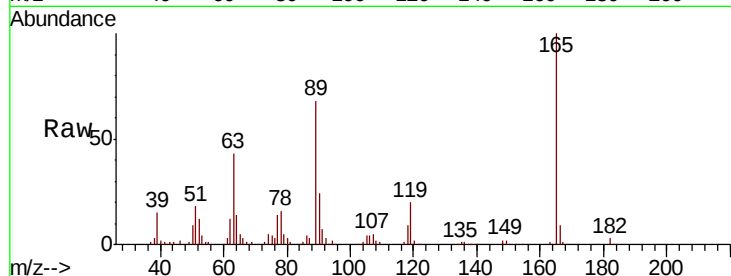




#57
2,4-Dinitrotoluene
Concen: 56.399 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

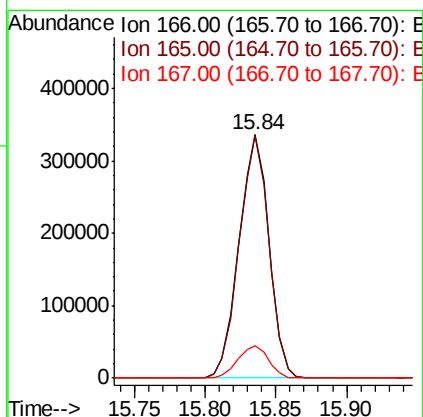
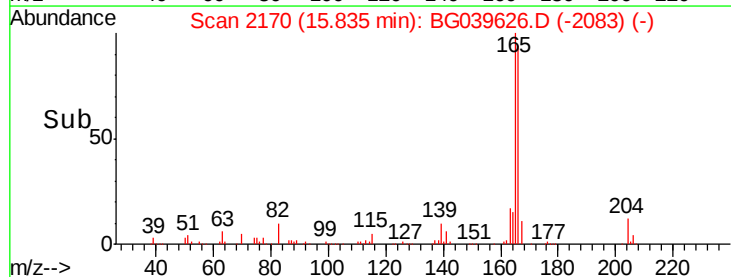
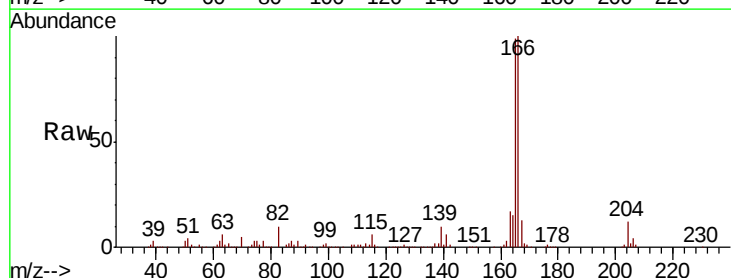
Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion:165 Resp: 164653
Ion Ratio Lower Upper
165 100
63 43.4 41.0 61.6
89 67.6 64.6 96.8
182 2.8 2.0 3.0



#58
Fluorene
Concen: 46.329 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion:166 Resp: 498126
Ion Ratio Lower Upper
166 100
165 99.4 77.9 116.9
167 13.3 10.8 16.2

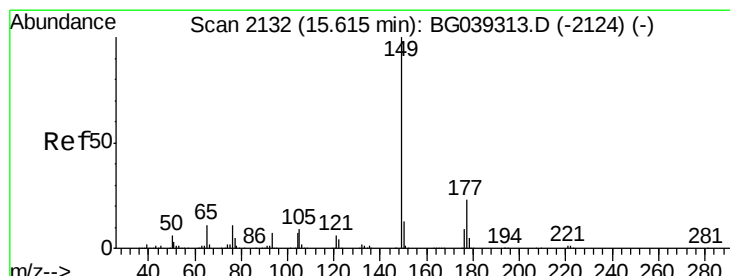
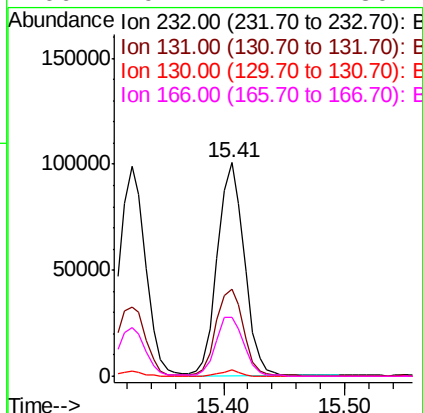
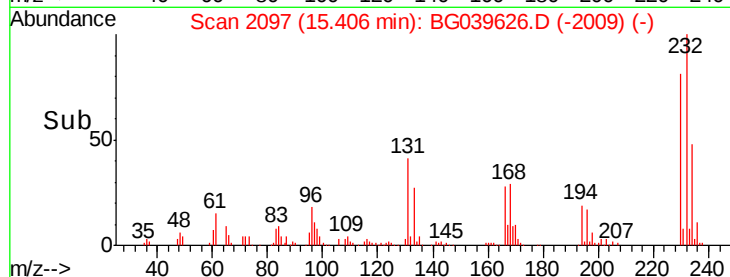
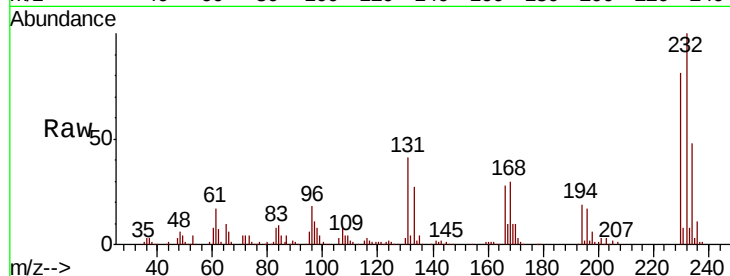




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.055 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

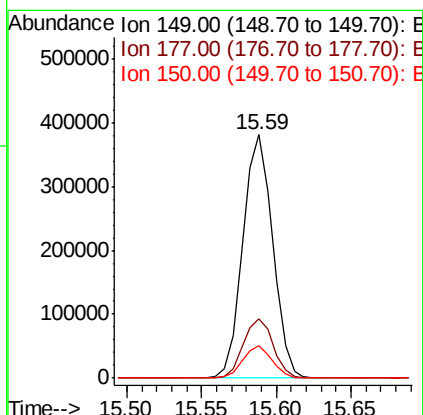
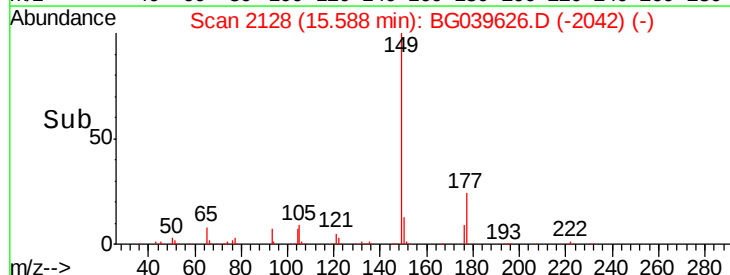
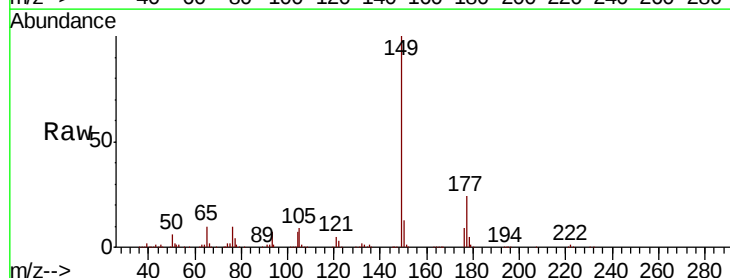
Instrument :
 BNA_G
 ClientSampleId :
 PB117396BS

Tot Ion:	232	Resp:	155086
Ion	Ratio	Lower	Upper
232	100		
131	42.2	34.9	52.3
130	2.3	2.0	3.0
166	29.2	24.1	36.1



#60
 Diethylphthalate
 Concen: 42.867 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Tgt Ion:	149	Resp:	525241
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	13.1	10.2	15.2

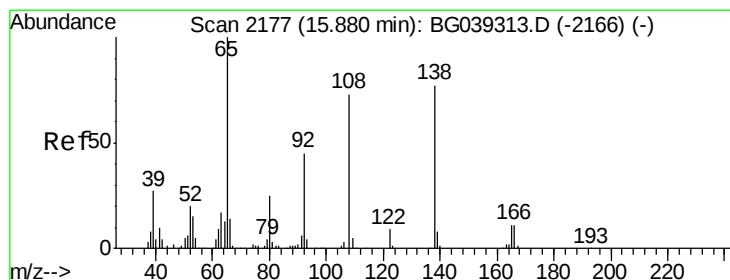
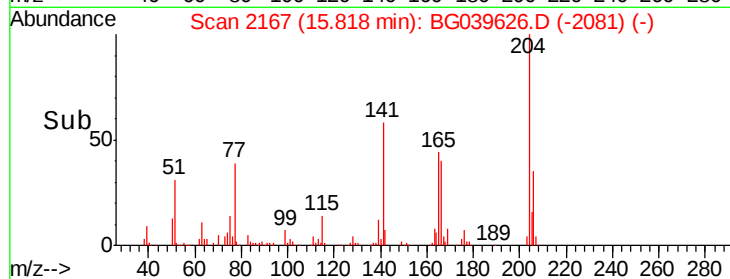
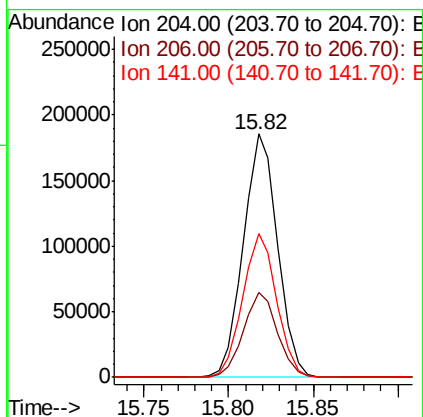
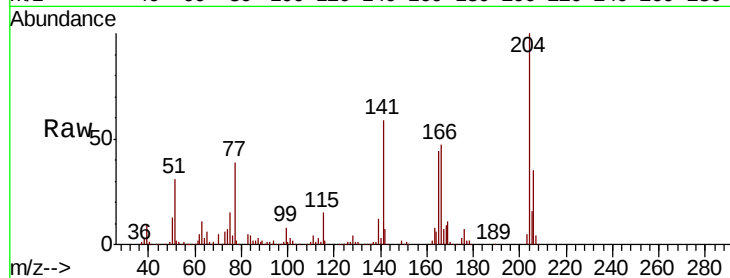




#61
 4-Chlorophenyl-phenylether
 Concen: 42.866 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

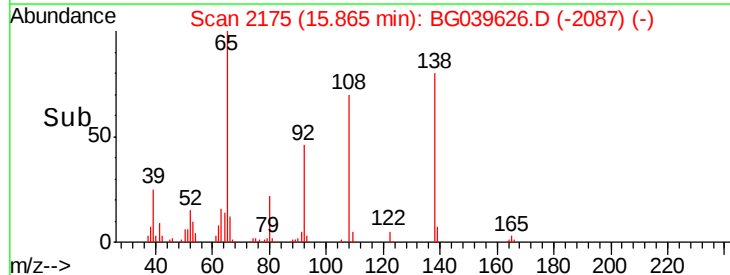
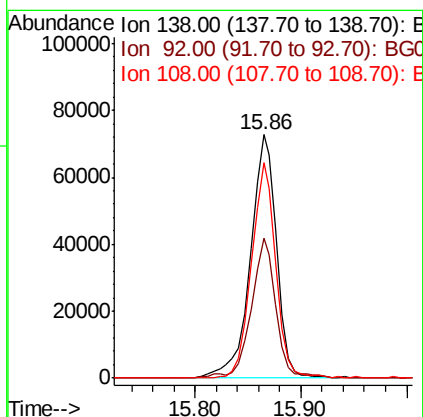
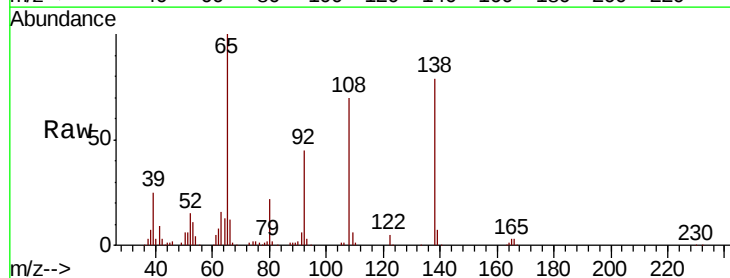
Instrument :
 BNA_G
 ClientSampleID :
 PB117396BS

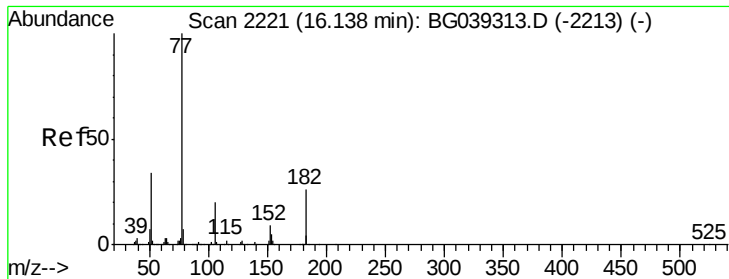
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	29.2	43.8
141	58.9	49.0	73.4



#62
 4-Nitroaniline
 Concen: 50.342 ng
 RT: 15.86 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	38.7	78.7
108	88.3	74.6	114.6

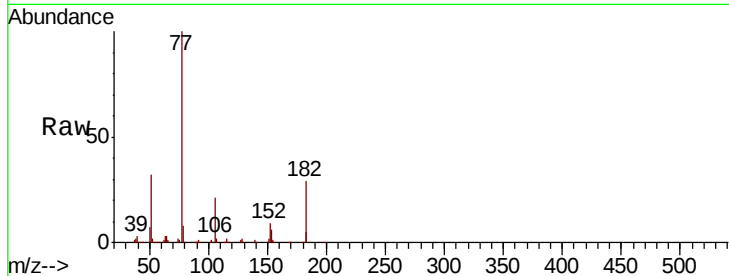




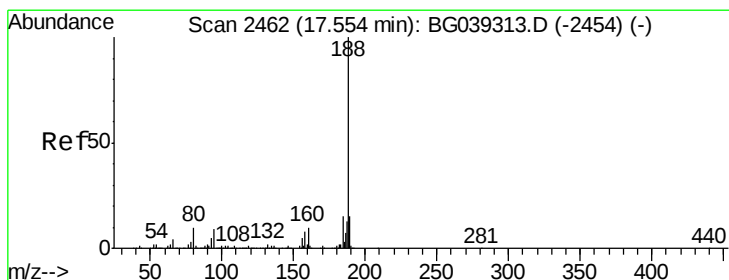
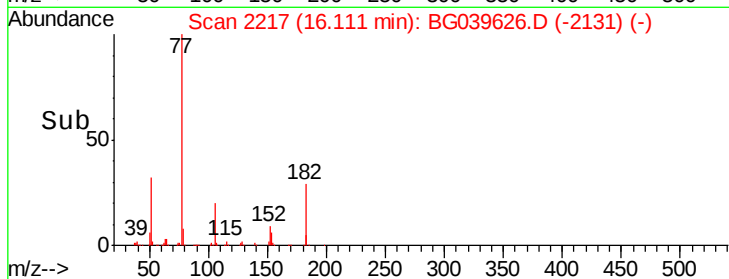
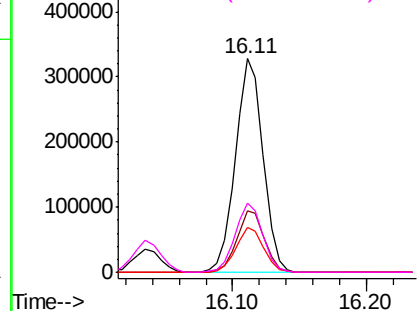
#63
Azobenzene
Concen: 39.363 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion:	77	Resp:	471411
Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.4	46.4
105	20.7	0.0	39.8
51	32.4	14.1	54.1

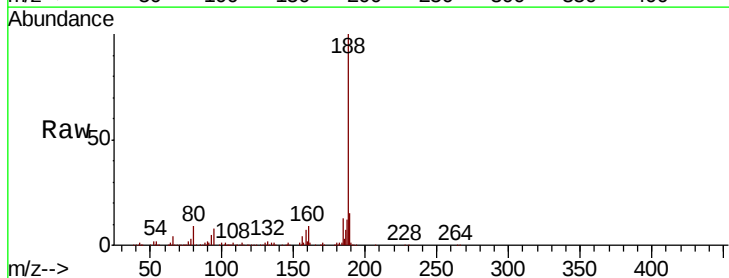


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

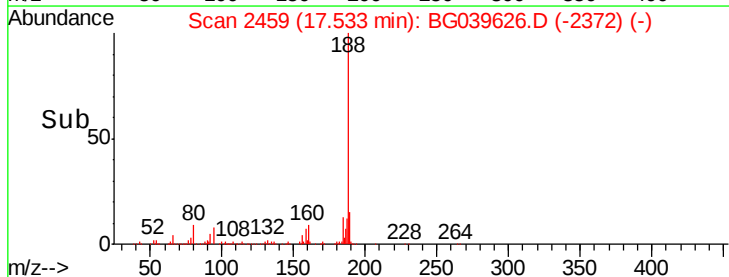
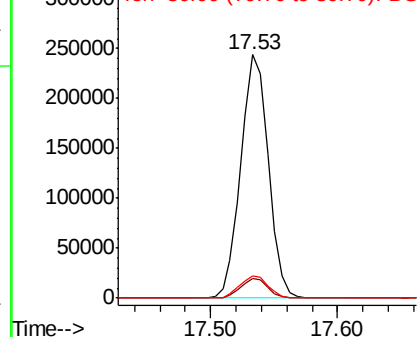


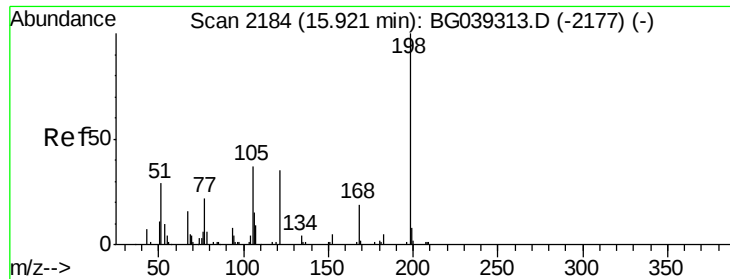
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion:	188	Resp:	366172
Ion	Ratio	Lower	Upper
188	100		
94	7.9	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

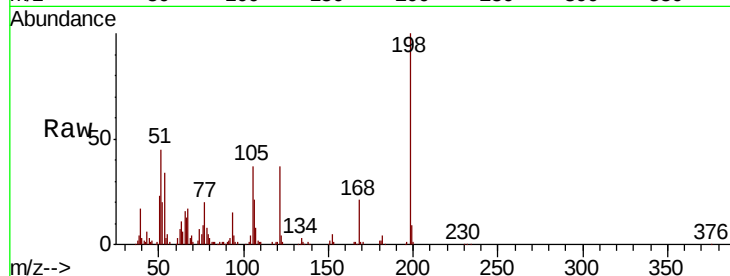




#65
4,6-Dinitro-2-methylphenol
Concen: 50.801 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.7	27.4	67.4
105	36.7	19.7	59.7

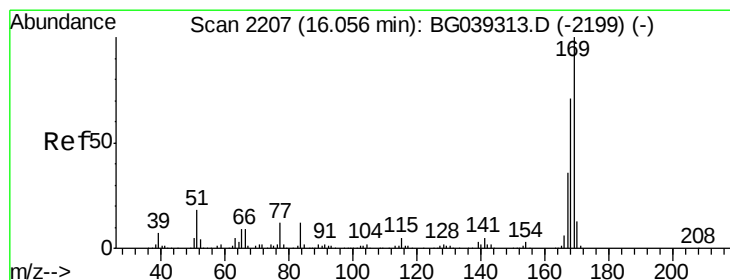
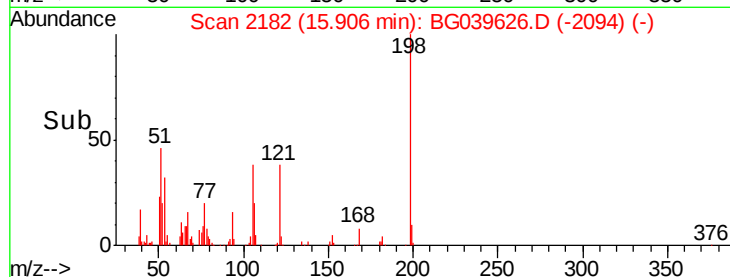
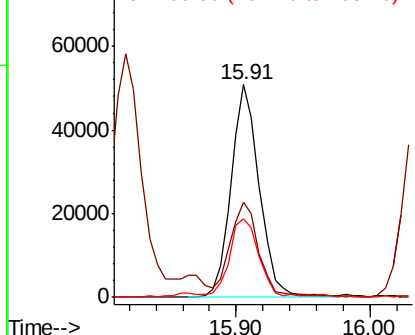


Abundance

Ion 198.00 (197.70 to 198.70): E

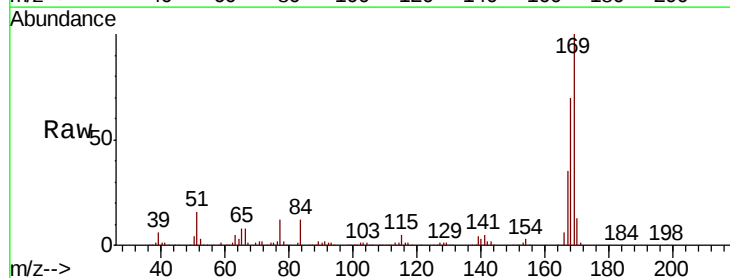
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 41.176 ng
RT: 16.03 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	35.5	28.8	43.2

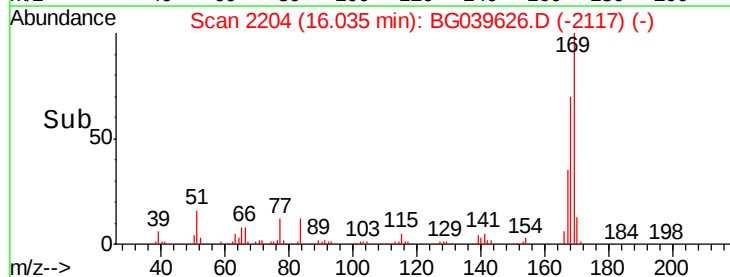
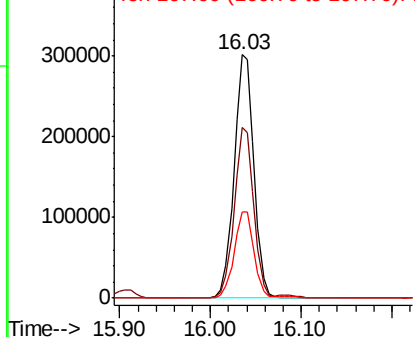


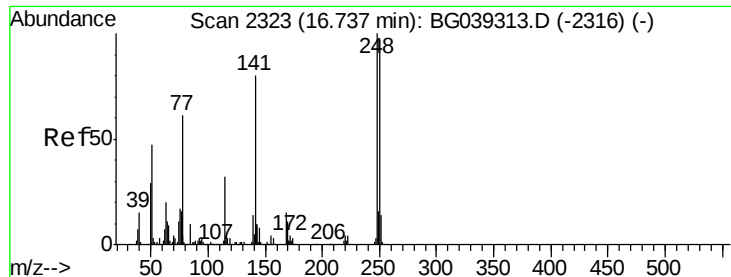
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

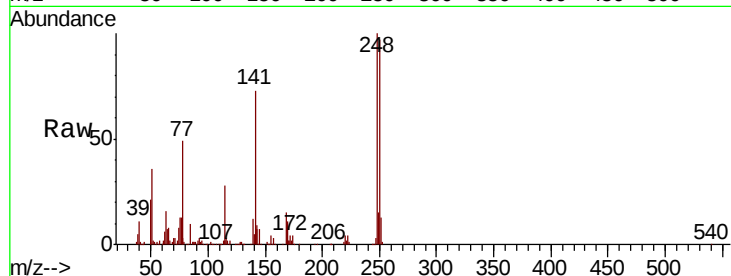




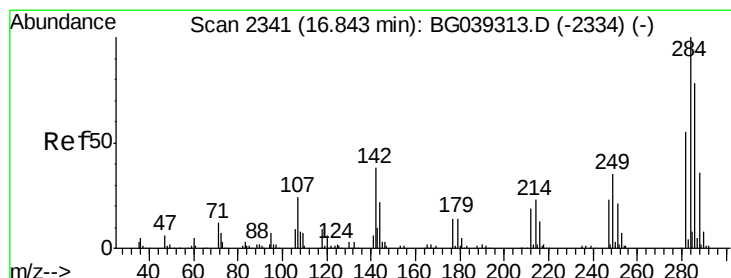
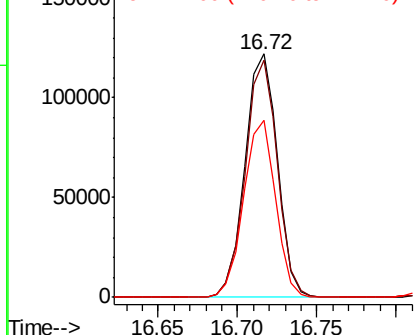
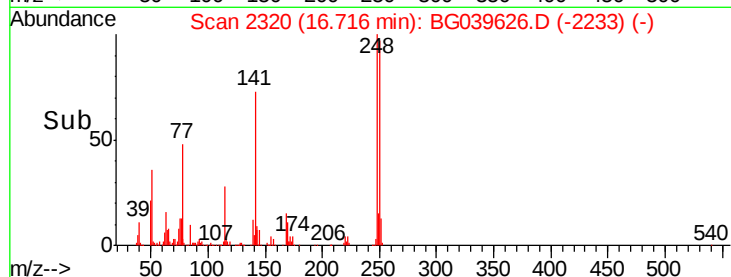
#67
4-Bromophenyl-phenylether
Concen: 42.599 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion:248 Resp: 173050
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 72.8 63.9 95.9

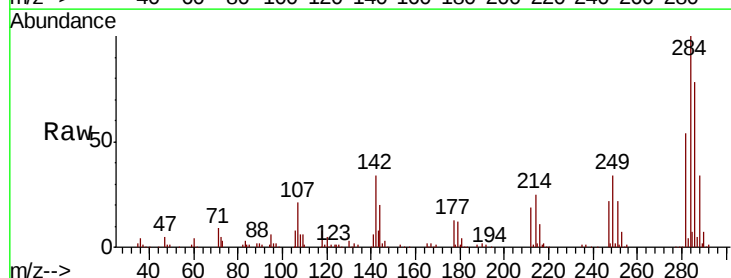


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

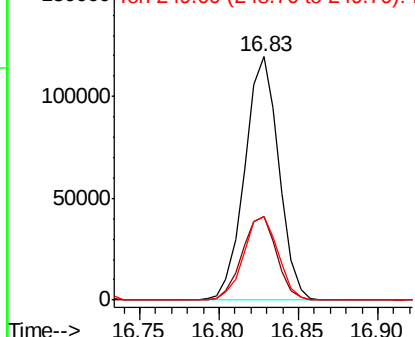
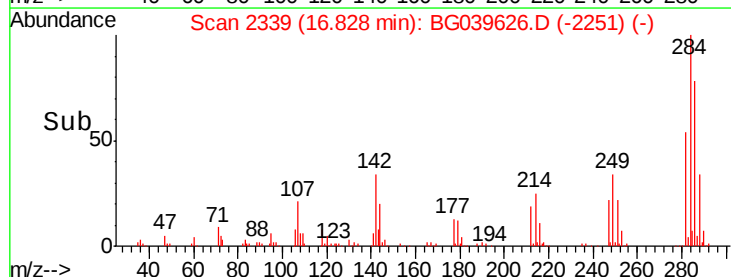


#68
Hexachlorobenzene
Concen: 43.636 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion:284 Resp: 177846
Ion Ratio Lower Upper
284 100
142 34.4 30.6 45.8
249 34.2 28.2 42.2



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





#69

Atrazine

Concen: 42.842 ng

RT: 16.97 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

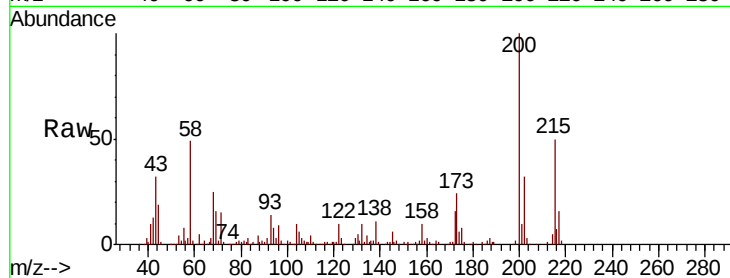
Tot Ion:200 Resp: 174315

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

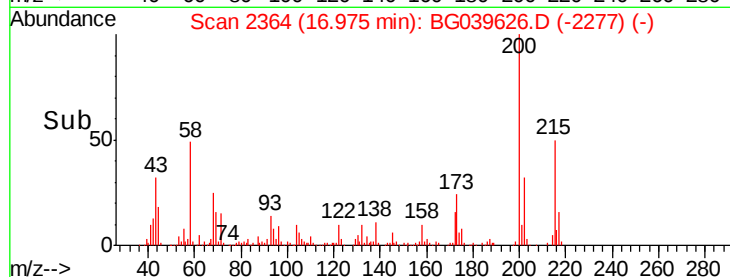
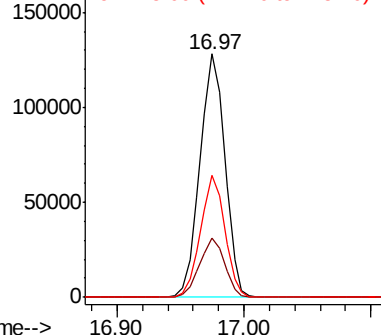
215 50.1 30.9 70.9



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: 72.984 ng

RT: 17.17 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

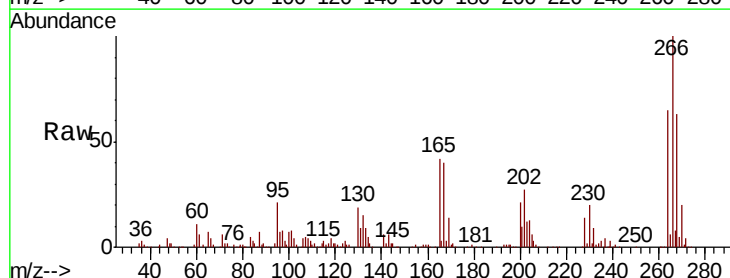
Tgt Ion:266 Resp: 206739

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

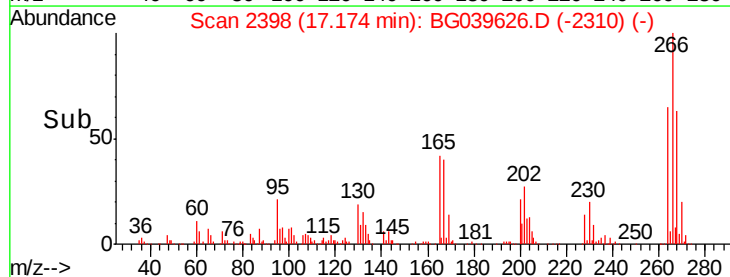
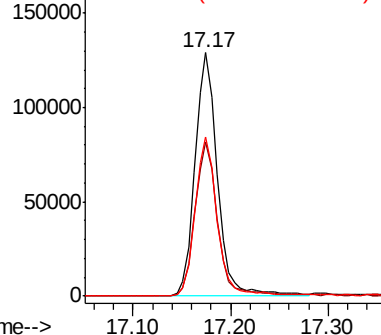
264 65.3 52.1 78.1



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

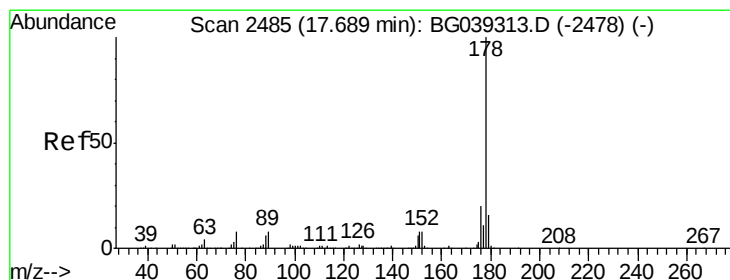
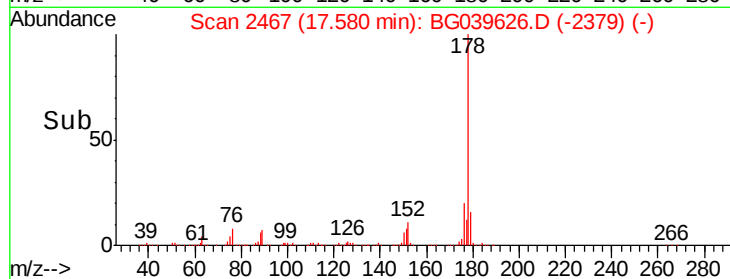
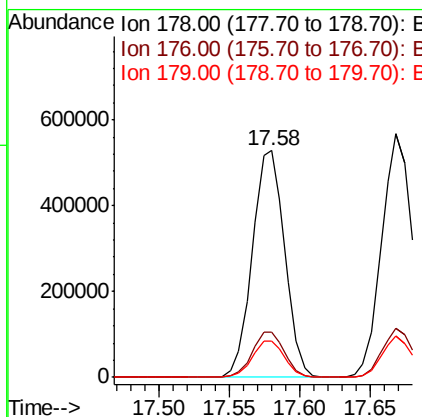
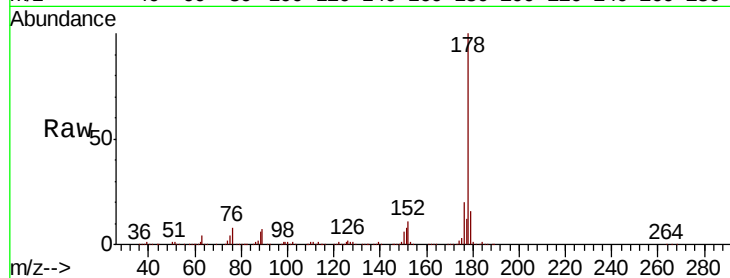




#71
Phenanthrene
Concen: 44.887 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

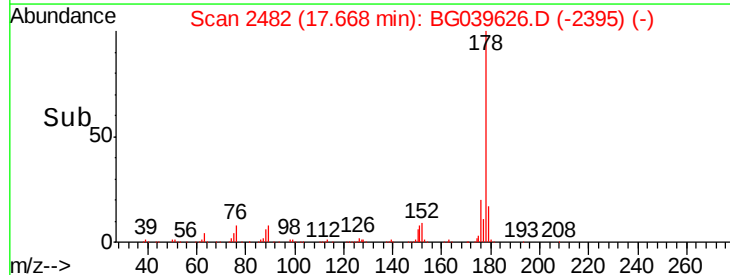
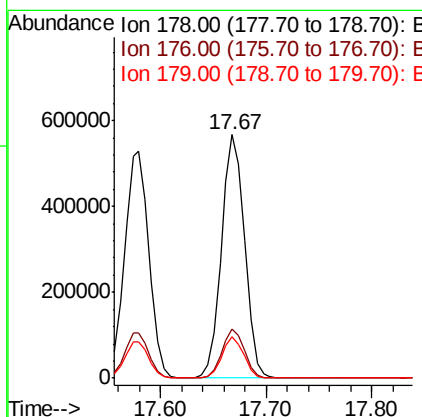
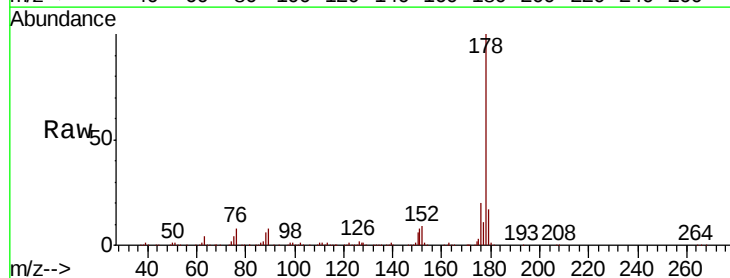
Instrument :
BNA_G
ClientSampleId :
PB117396BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.0	12.6	19.0



#72
Anthracene
Concen: 46.118 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	17.0	12.5	18.7





#73

Carbazole

Concen: 41.047 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

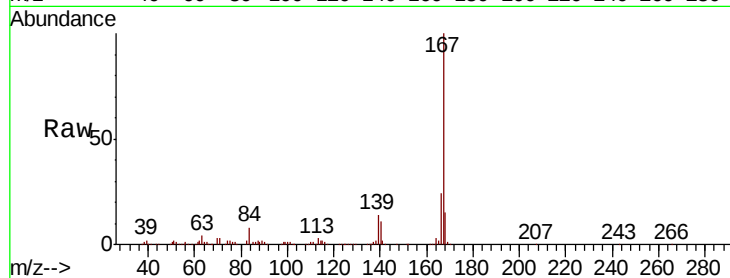
Tot Ion:167 Resp: 764704

Ion Ratio Lower Upper

167 100

166 23.8 19.4 29.2

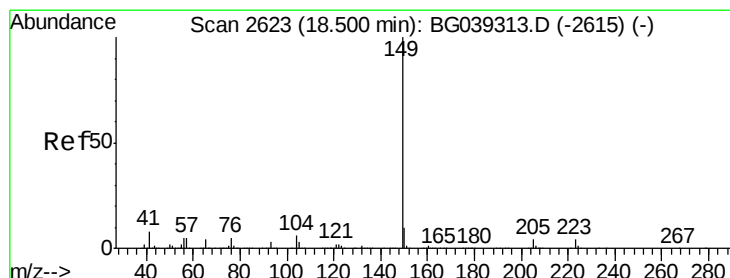
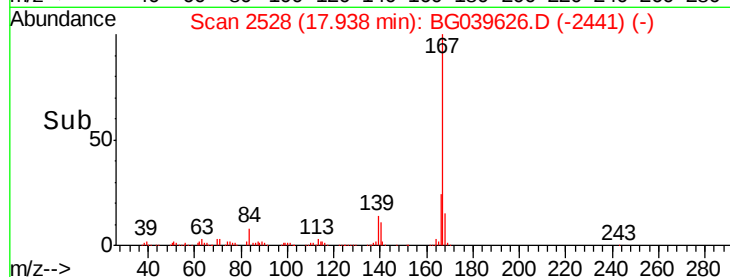
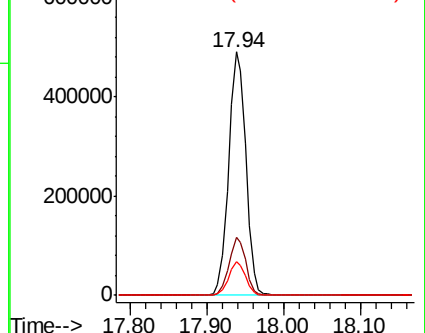
139 14.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.316 ng

RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

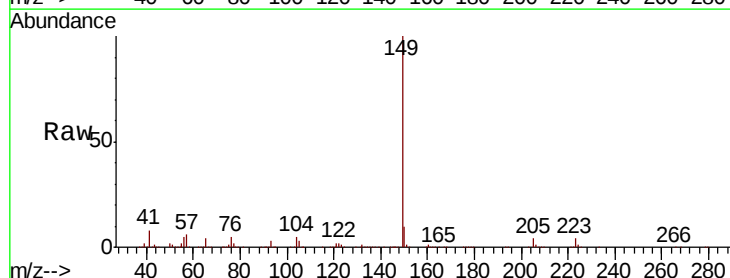
Tgt Ion:149 Resp: 919713

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

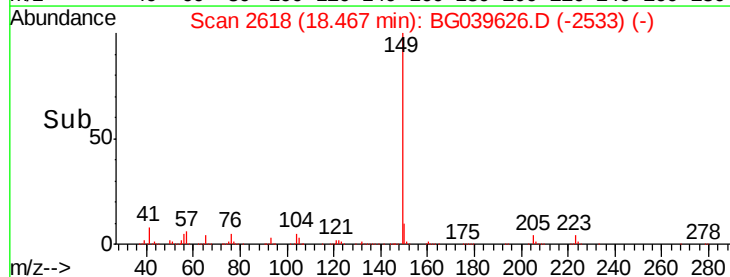
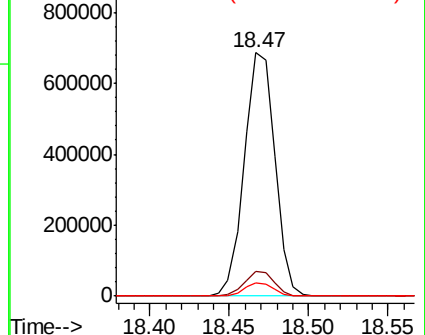
104 5.3 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.664 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

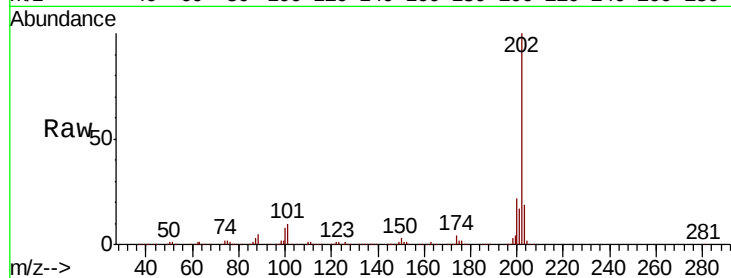
Tot Ion:202 Resp: 1026485

Ion Ratio Lower Upper

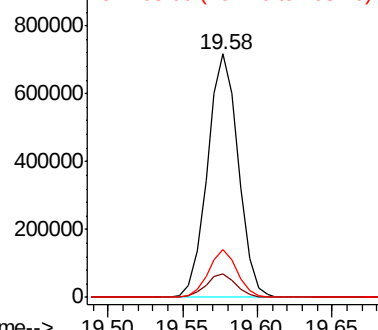
202 100

101 9.6 0.0 30.0

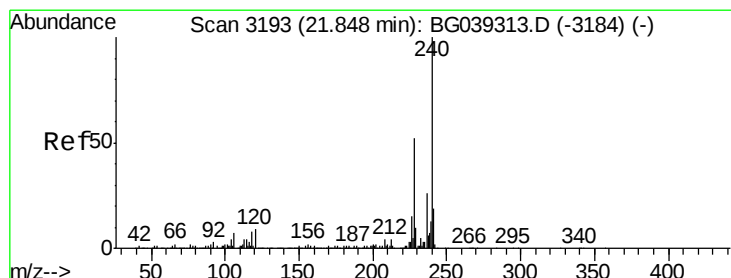
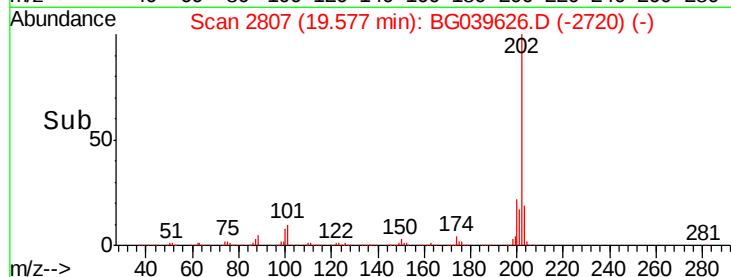
203 19.4 0.0 38.9



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



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

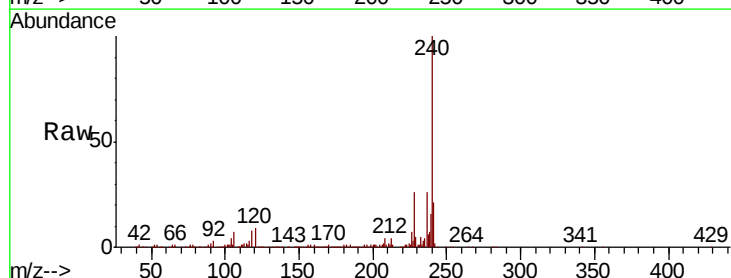
Tgt Ion:240 Resp: 369968

Ion Ratio Lower Upper

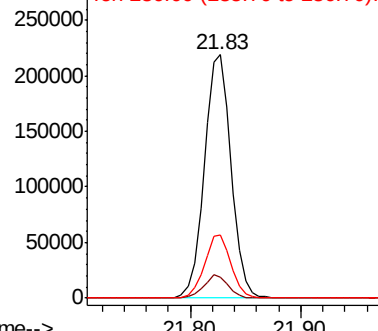
240 100

120 8.8 7.0 10.6

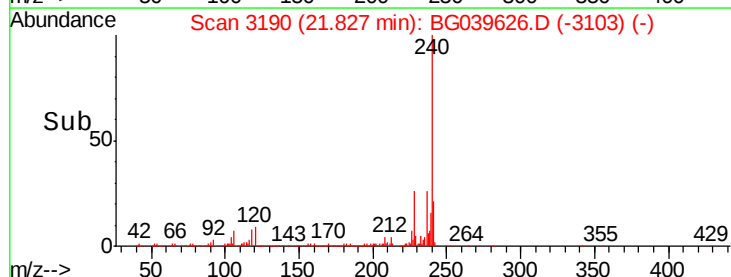
236 25.9 21.0 31.4

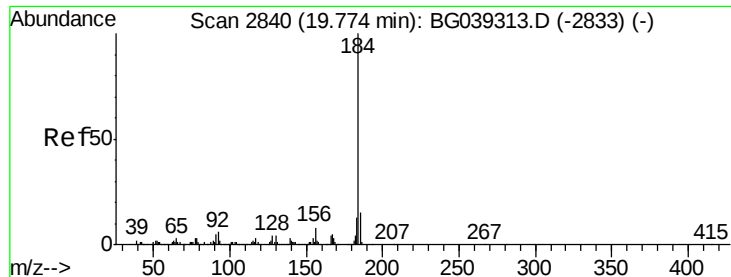


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 20.149 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

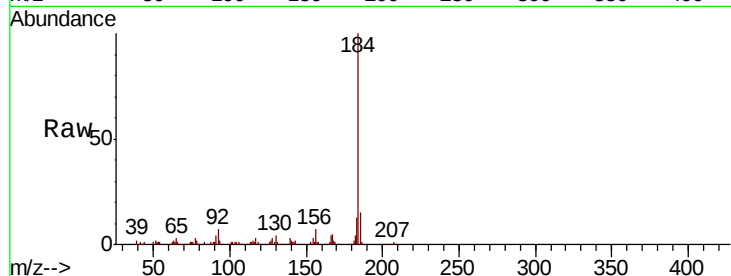
Tot Ion:184 Resp: 244403

Ion Ratio Lower Upper

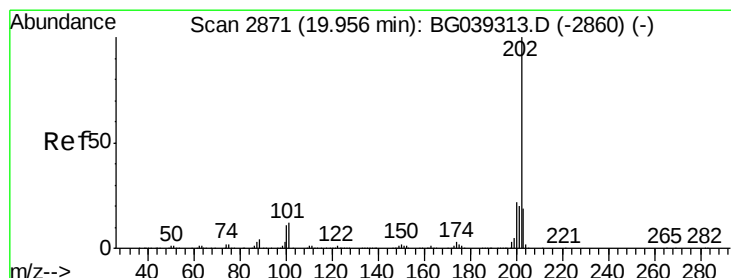
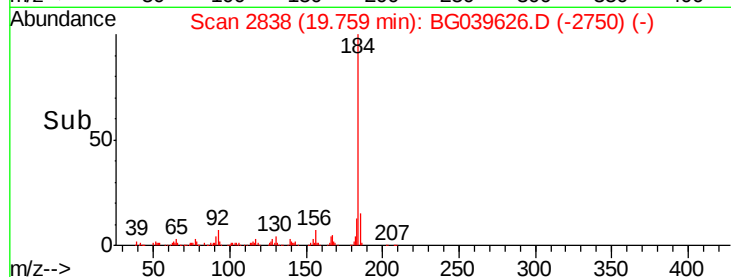
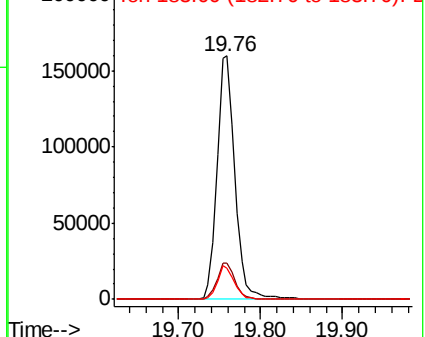
184 100

185 14.9 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: 44.579 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

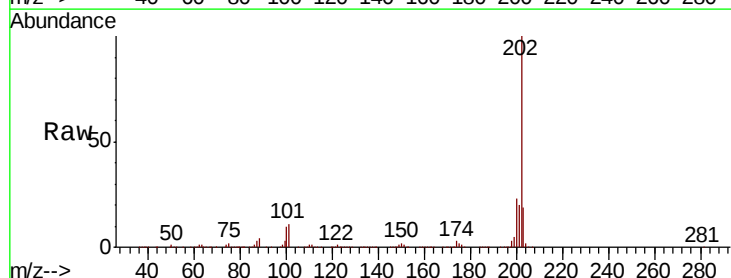
Tgt Ion:202 Resp: 1026714

Ion Ratio Lower Upper

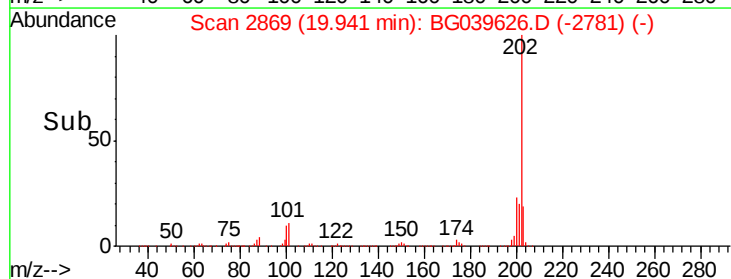
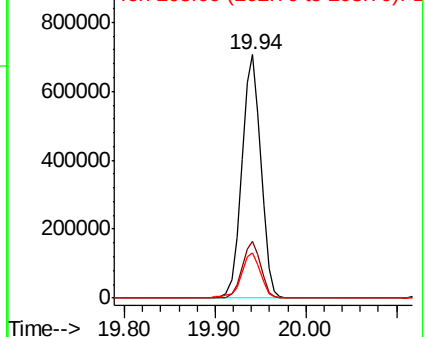
202 100

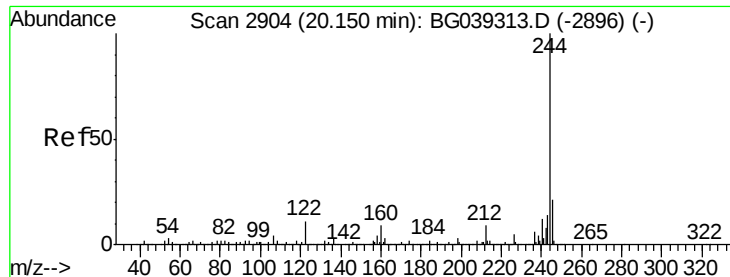
200 23.1 17.8 26.8

203 18.8 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: 73.987 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

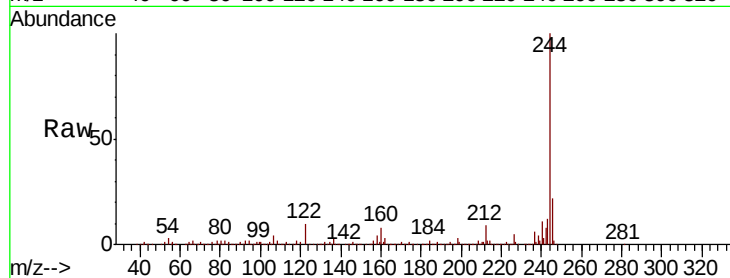
BNA_G

ClientSampleId :

PB117396BS

Tot Ion:244 Resp: 1293185

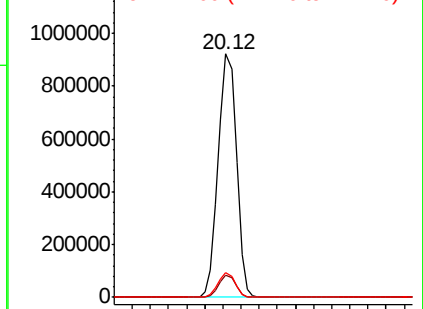
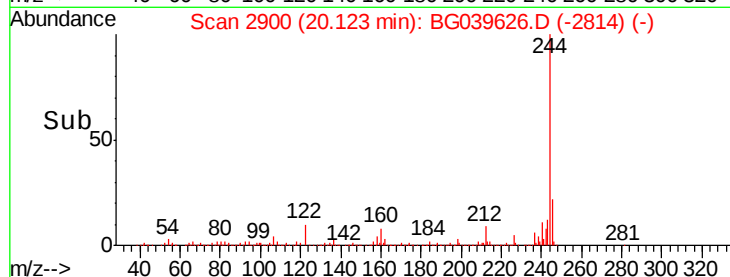
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	10.1	8.4	12.6



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: 44.987 ng

RT: 20.80 min Scan# 3016

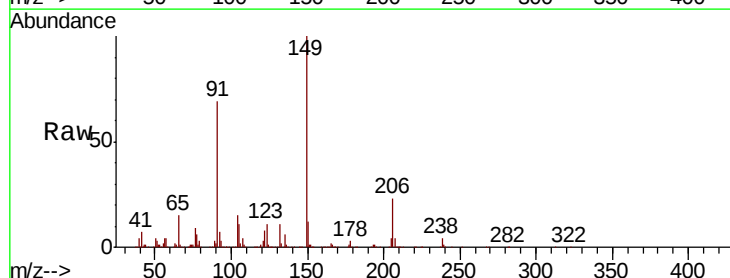
Delta R.T. -0.03 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Tgt Ion:149 Resp: 437077

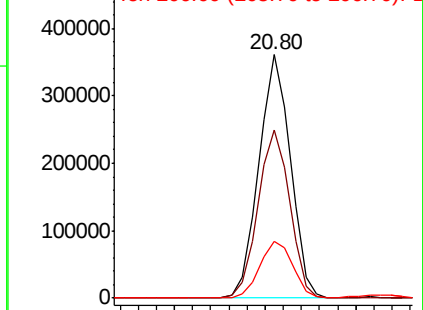
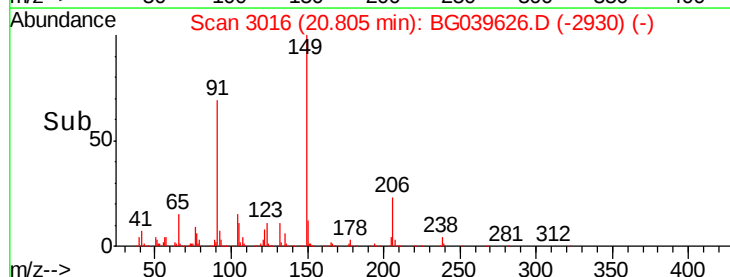
Ion	Ratio	Lower	Upper
149	100		
91	69.2	59.5	89.3
206	23.3	18.6	27.8

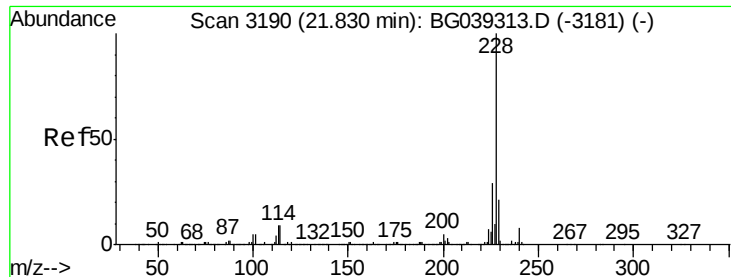


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

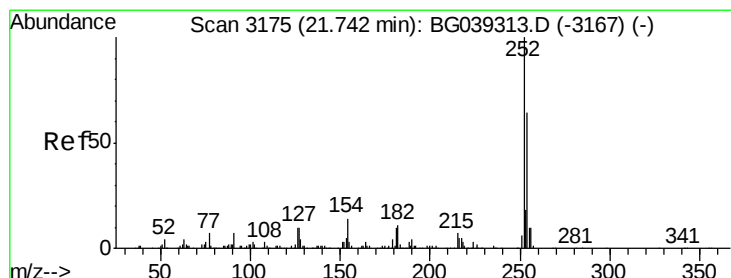
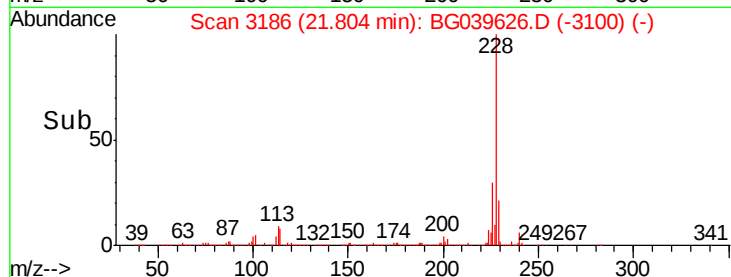
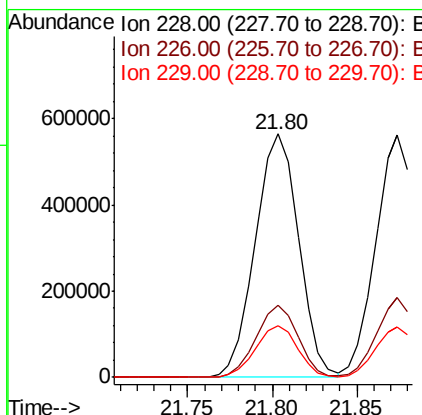
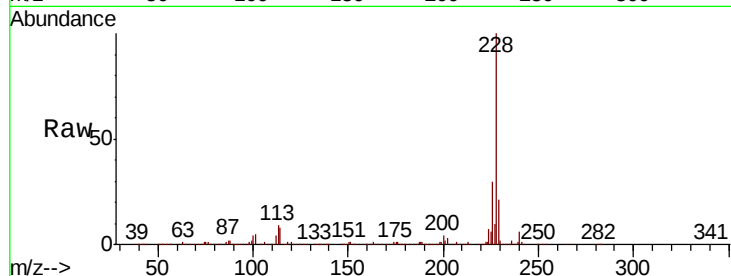




#81
Benzo(a)anthracene
Concen: 46.021 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

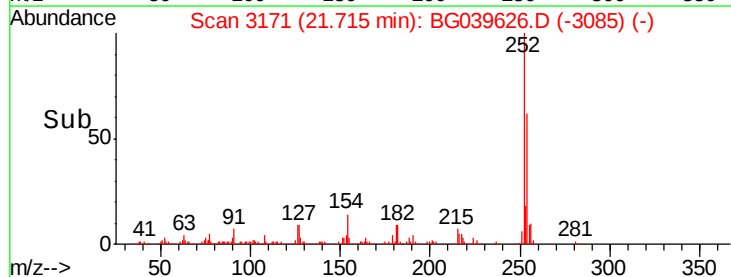
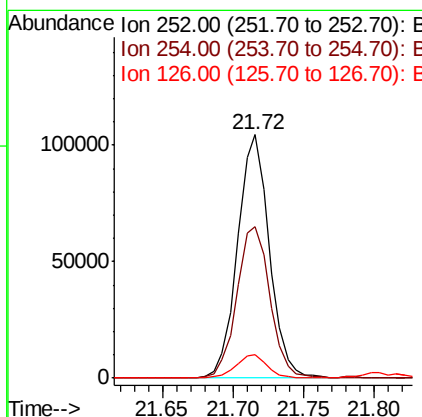
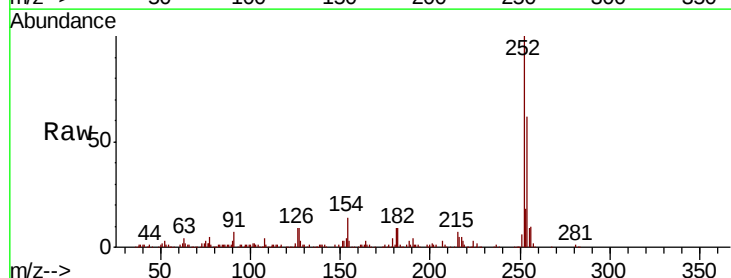
Instrument :
BNA_G
ClientSampleId :
PB117396BS

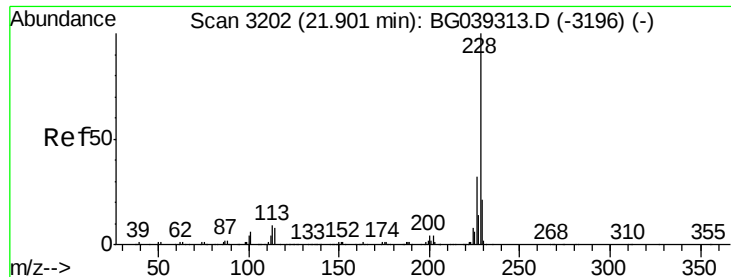
Tot Ion:228 Resp: 1006073
Ion Ratio Lower Upper
228 100
226 29.7 23.0 34.6
229 21.3 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 20.298 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion:252 Resp: 164533
Ion Ratio Lower Upper
252 100
254 62.2 51.3 76.9
126 9.5 8.0 12.0





#83

Chrysene

Concen: 45.127 ng

RT: 21.87 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

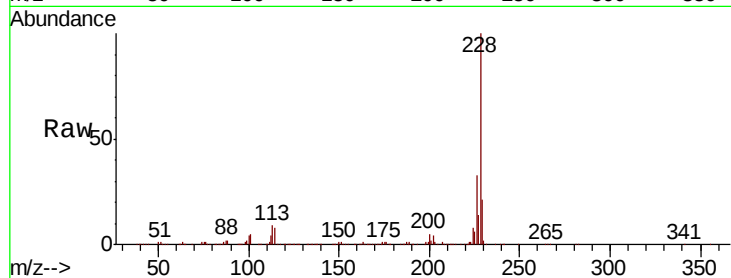
BNA_G

ClientSampleId :

PB117396BS

Tot Ion:228 Resp: 939111

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.8	38.6
229	20.7	16.6	25.0

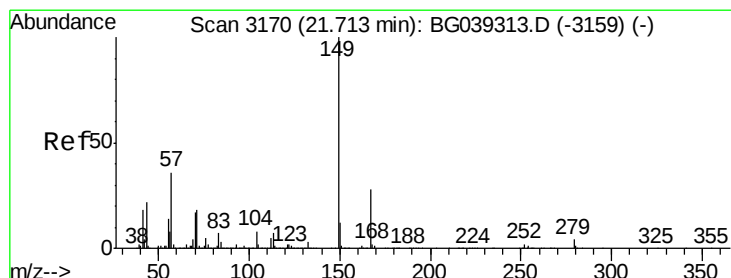
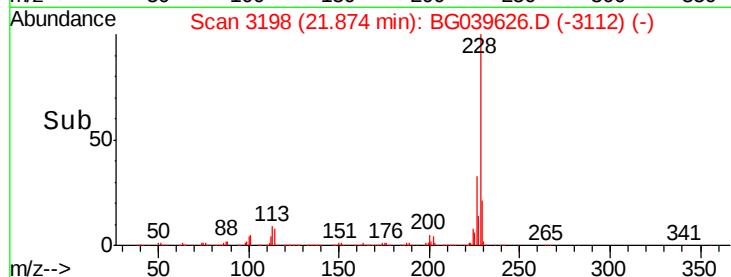
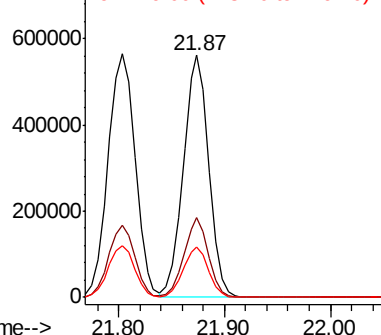


Abundance

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: 43.889 ng

RT: 21.67 min Scan# 3163

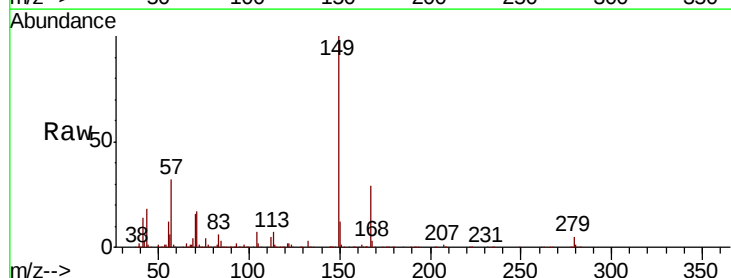
Delta R.T. -0.04 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Tgt Ion:149 Resp: 608321

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	5.0	3.5	5.3

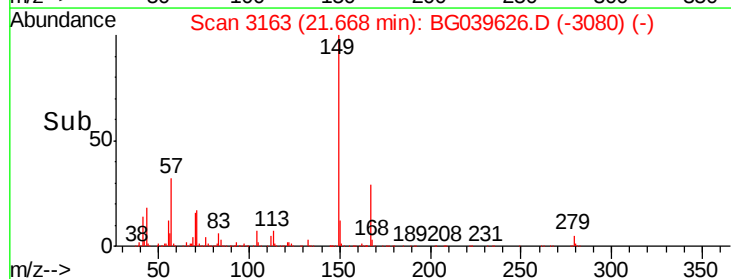
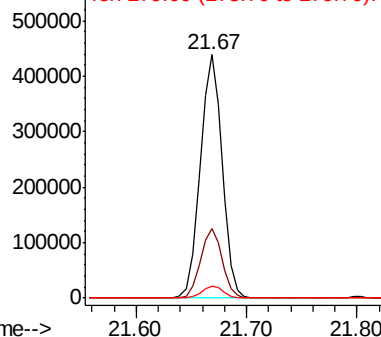


Abundance

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: 44.890 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.07 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

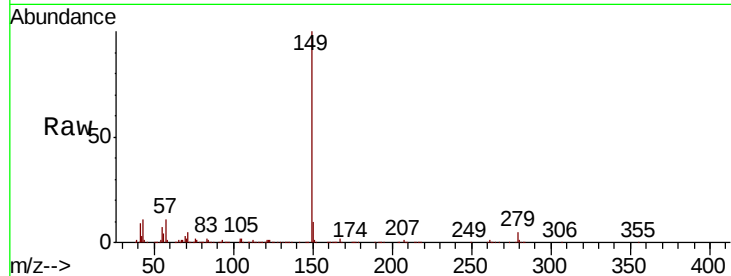
Tot Ion:149 Resp: 1027939

Ion Ratio Lower Upper

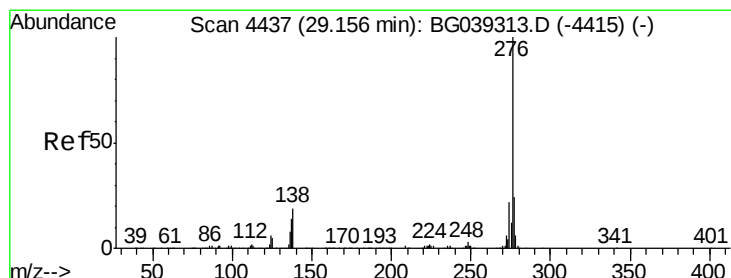
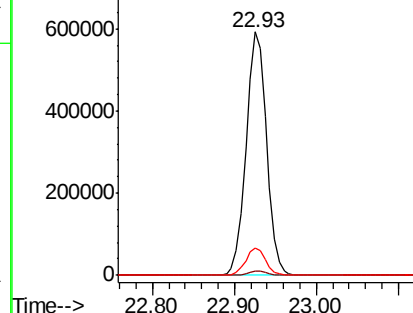
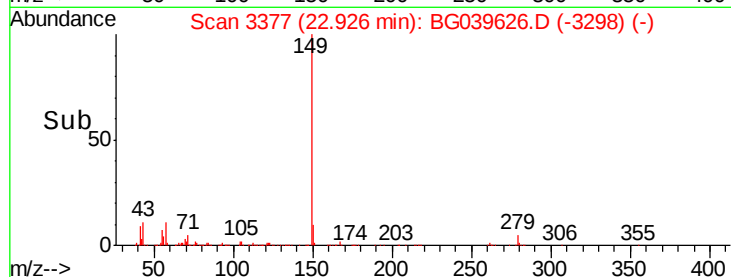
149 100

167 1.7 1.3 1.9

43 10.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.868 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

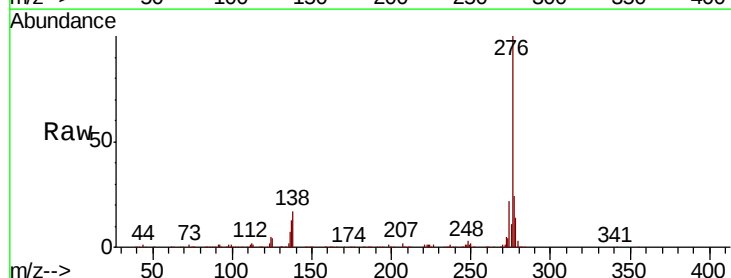
Tgt Ion:276 Resp: 1135782

Ion Ratio Lower Upper

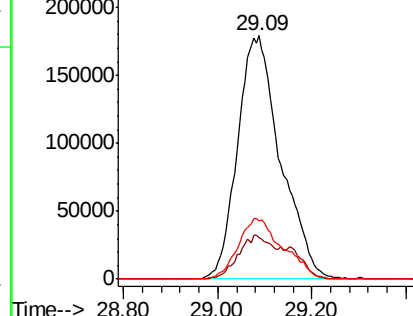
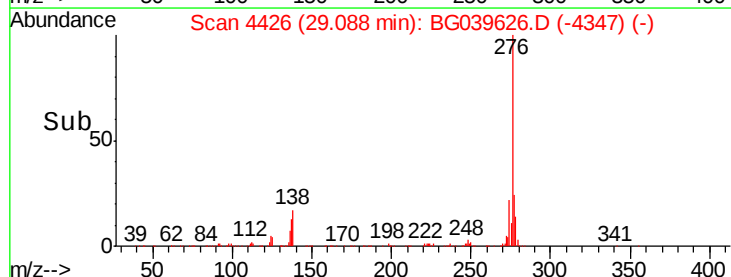
276 100

138 14.5 12.6 19.0

277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
250000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

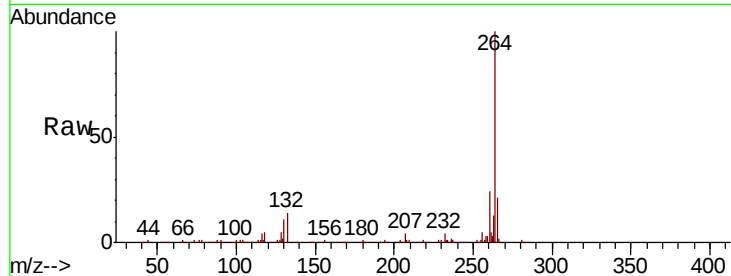
Tot Ion:264 Resp: 379257

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.3	18.5	27.7

264 100

260 24.1 18.2 27.4

265 21.3 18.5 27.7

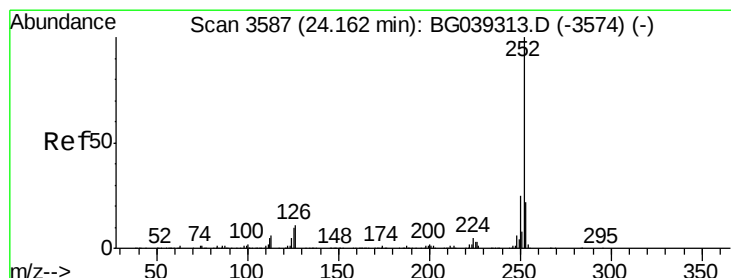
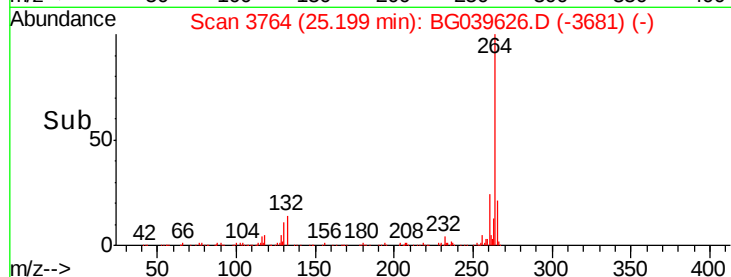
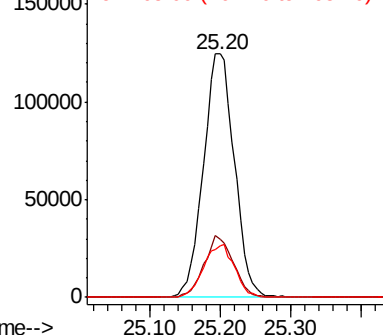


Abundance

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: 48.192 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

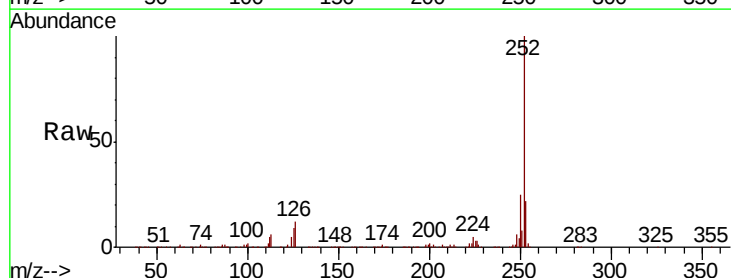
Tgt Ion:252 Resp: 996762

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.2	7.8	11.6

252 100

253 22.4 17.8 26.8

125 9.2 7.8 11.6

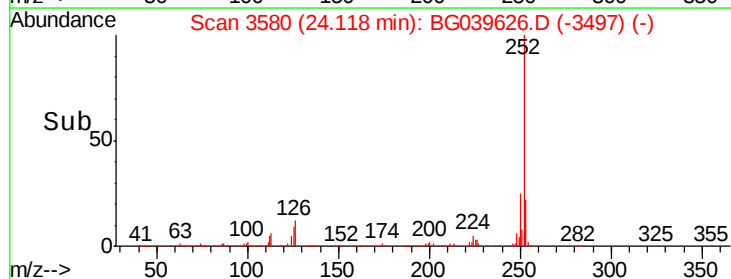
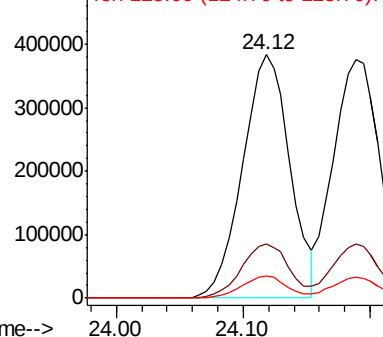


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.426 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

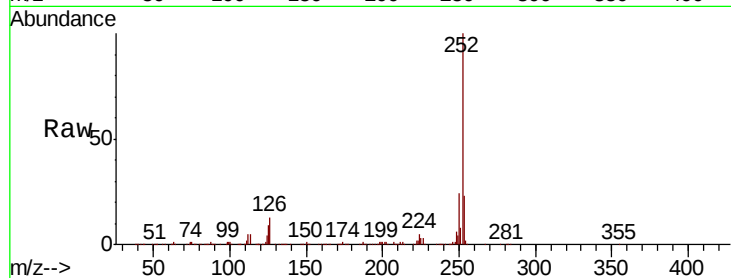
Tot Ion:252 Resp: 964057

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 8.9 7.4 11.2

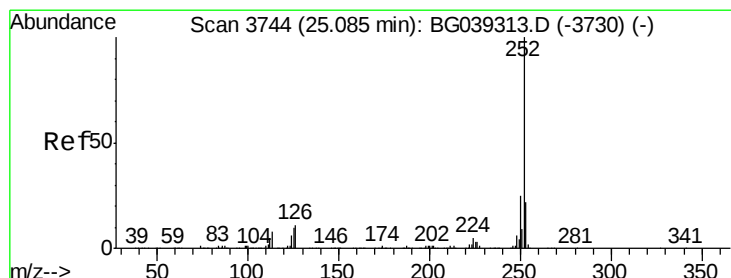
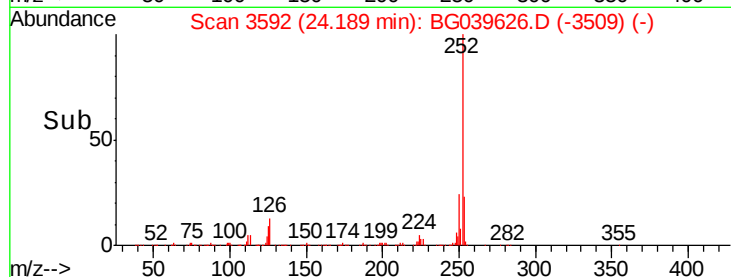
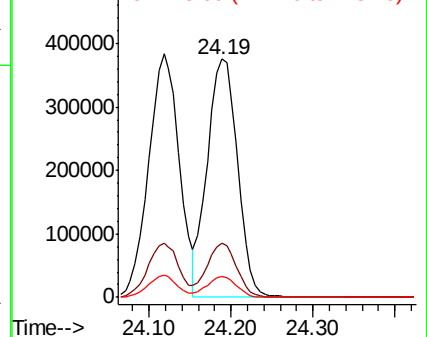


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.905 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

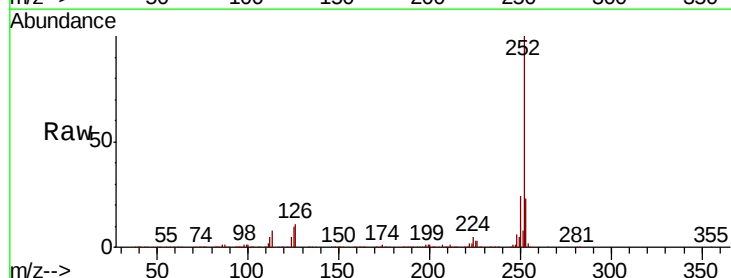
Tgt Ion:252 Resp: 974144

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 9.8 8.3 12.5

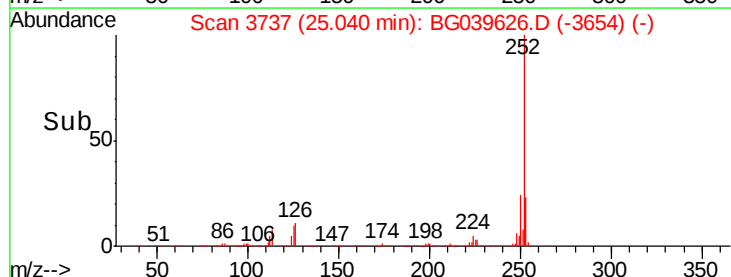
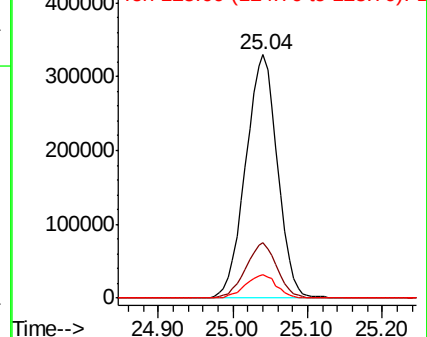


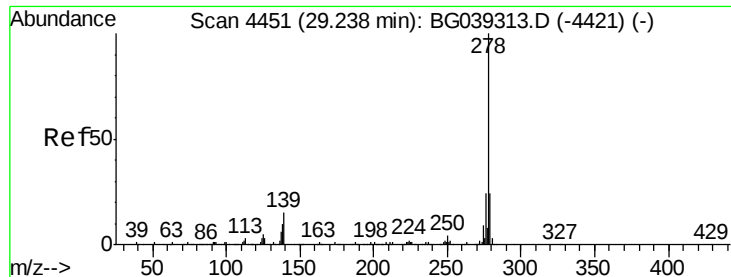
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.305 ng

RT: 29.15 min Scan# 4437

Delta R.T. -0.09 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

PB117396BS

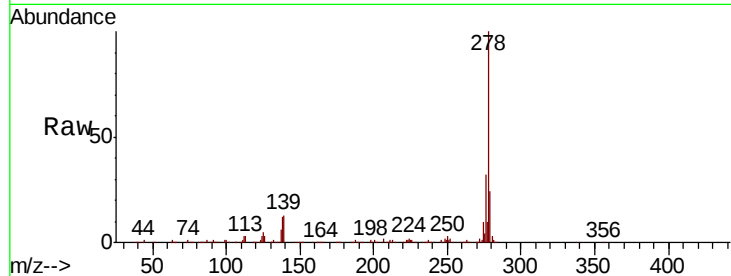
Tot Ion:278 Resp: 919761

Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

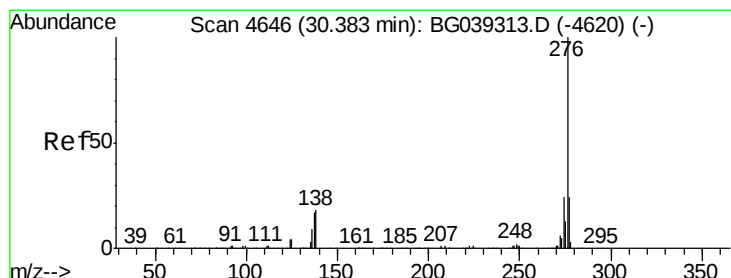
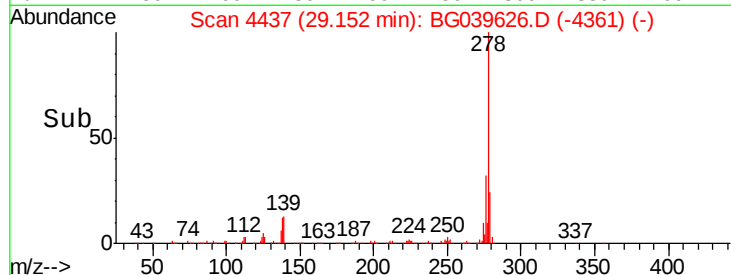
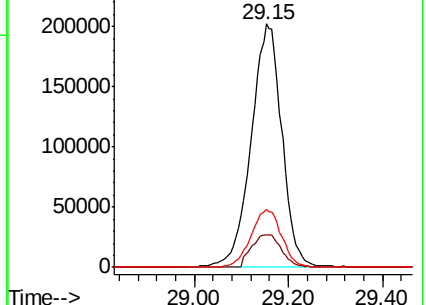
279 24.1 19.1 28.7



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: 50.871 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.07 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

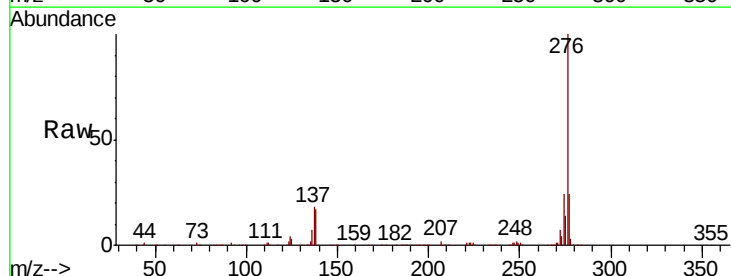
Tgt Ion:276 Resp: 945855

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 17.0 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

