

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 :

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

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

						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

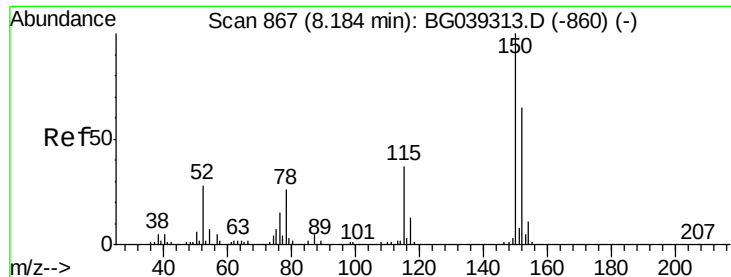
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

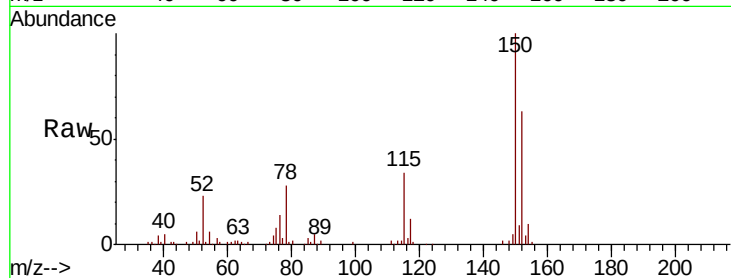


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.7	185.5
115	54.6	45.9	68.9

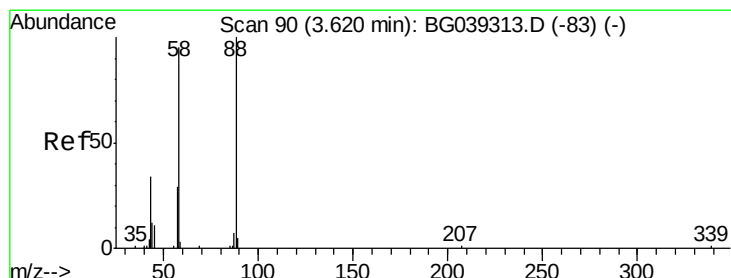
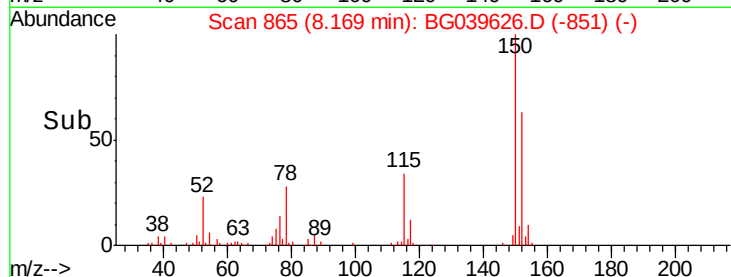
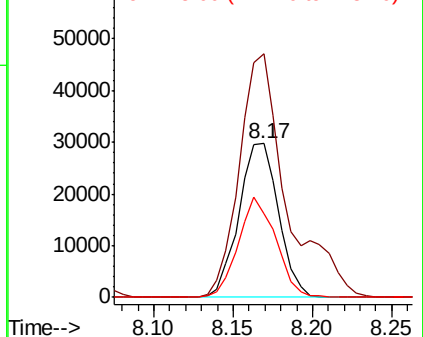


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

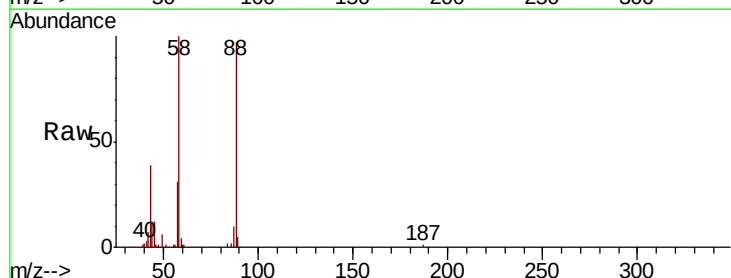
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
88	100		
58	99.5	81.1	121.7
43	33.7	31.4	47.0

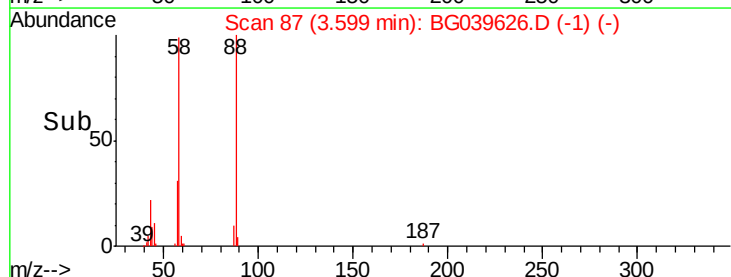
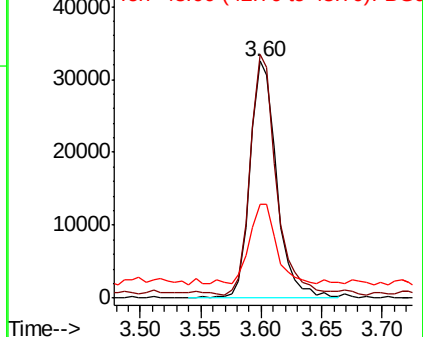


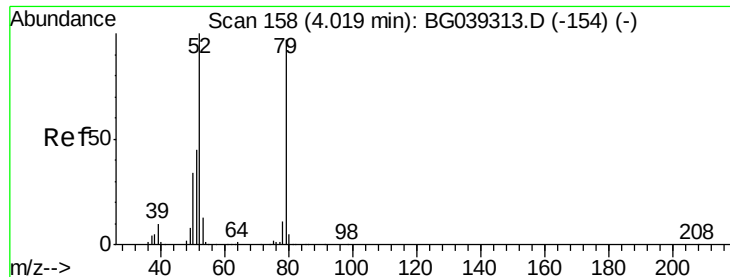
Abundance

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

ClientSampled :

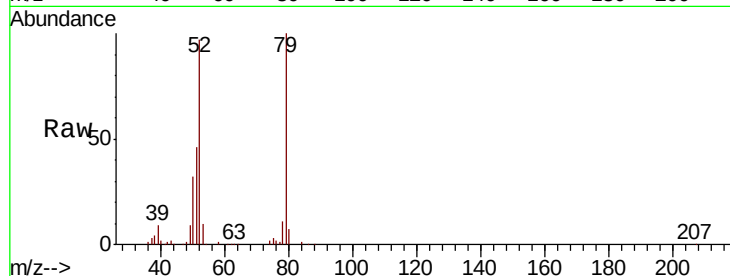
Tot Ion: 79 Resp: 144586

Ion Ratio Lower Upper

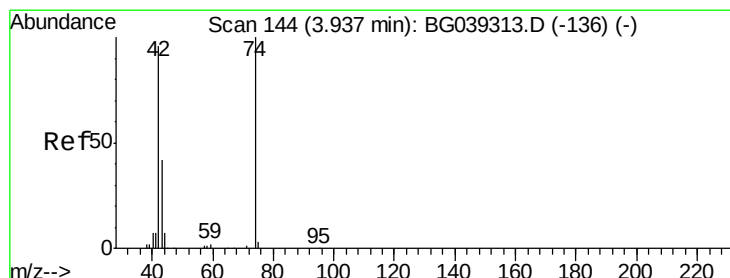
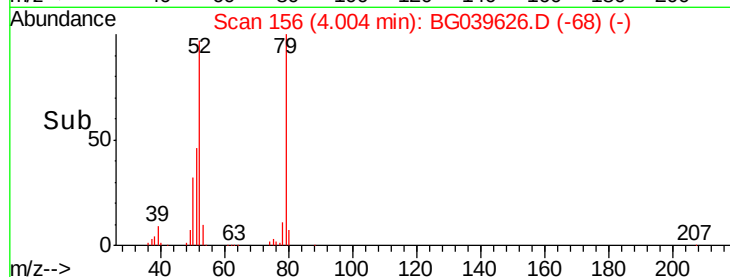
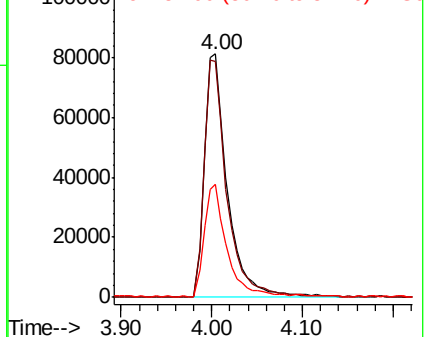
79 100

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

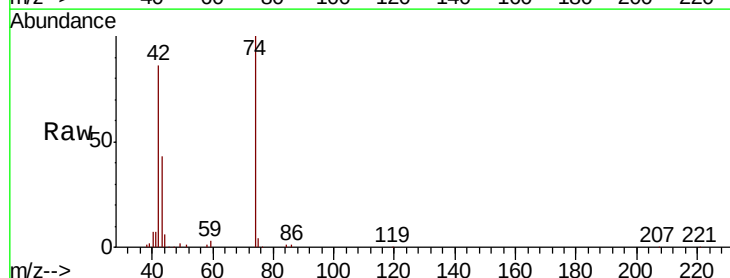
Tgt Ion: 42 Resp: 75010

Ion Ratio Lower Upper

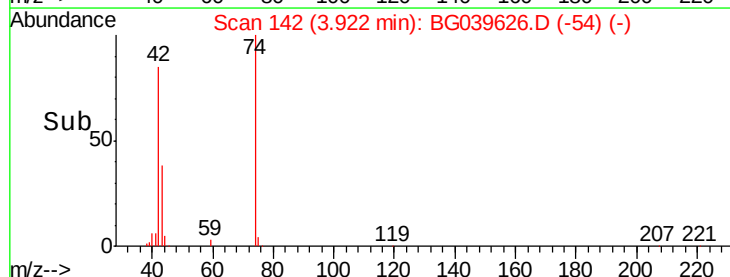
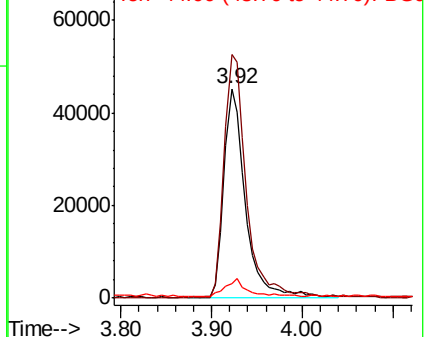
42 100

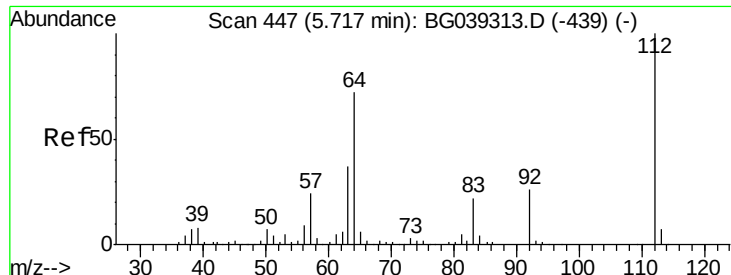
74 116.2 83.6 125.4

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 :

BNA_G

ClientSampled :

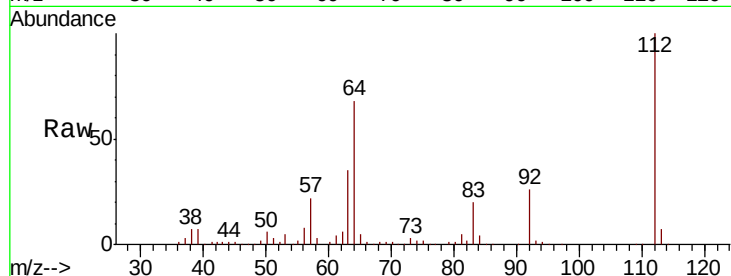
Tot Ion:112 Resp: 306119

Ion Ratio Lower Upper

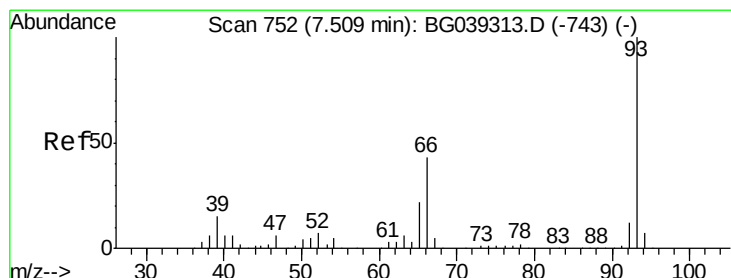
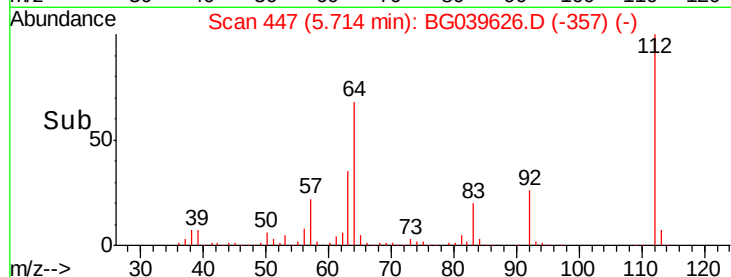
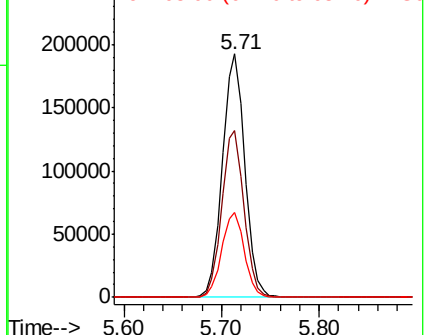
112 100

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

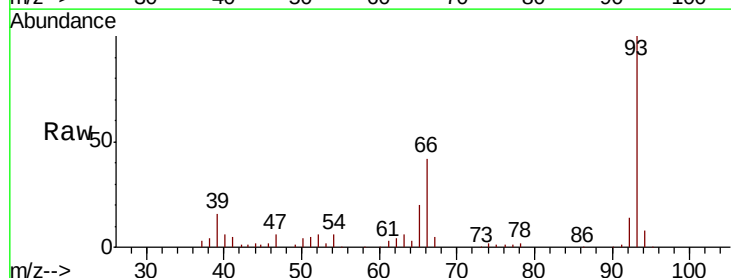
Tgt Ion: 93 Resp: 100839

Ion Ratio Lower Upper

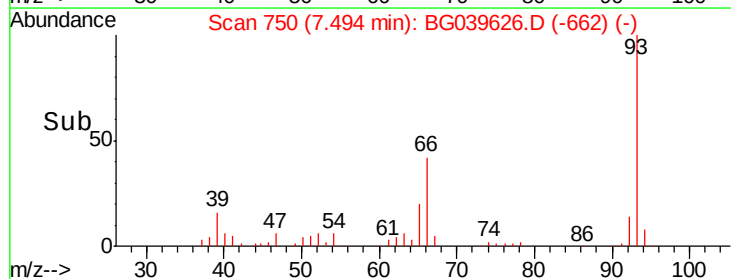
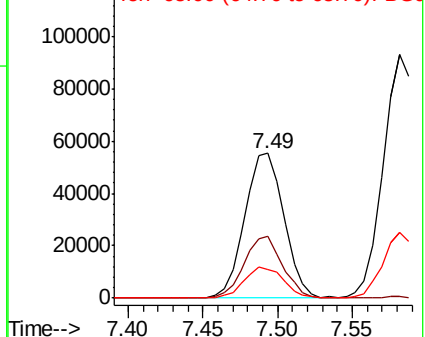
93 100

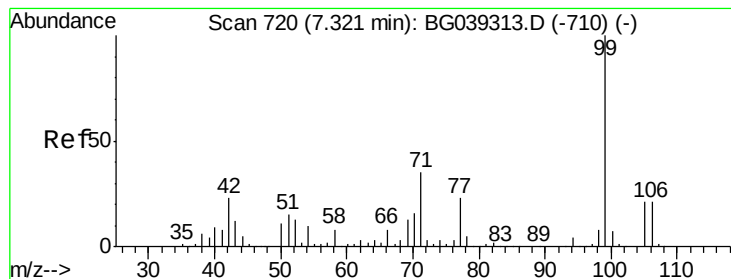
66 42.3 34.2 51.4

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

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampleId :

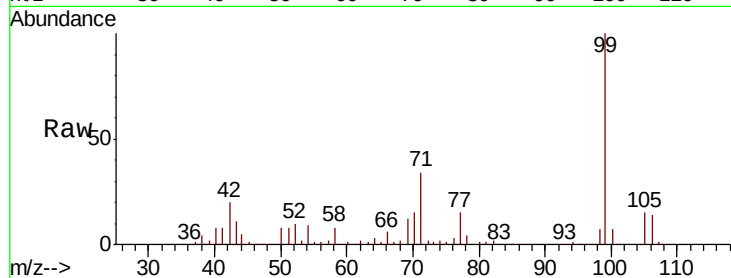
Tot Ion: 99 Resp: 426436

Ion Ratio Lower Upper

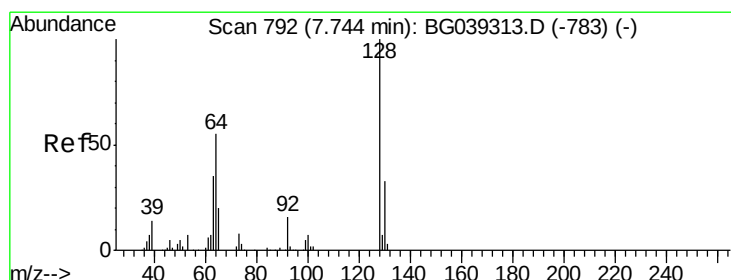
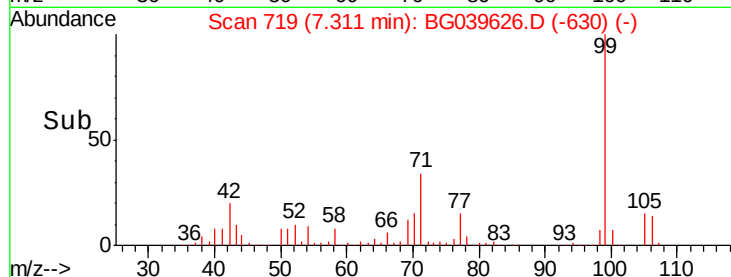
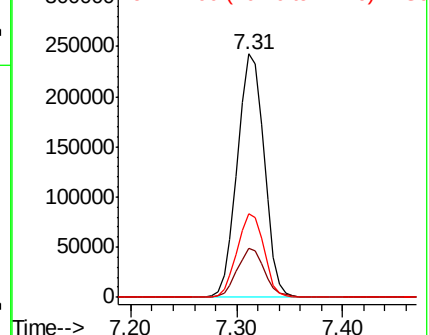
99 100

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

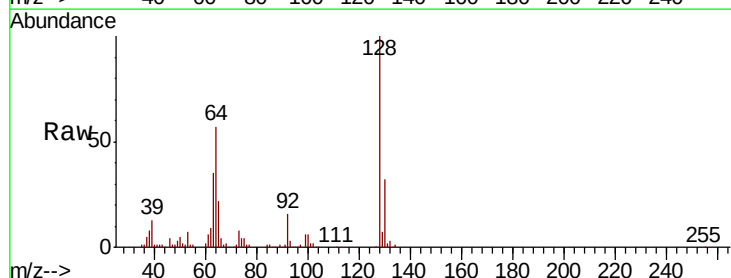
Tgt Ion: 128 Resp: 156180

Ion Ratio Lower Upper

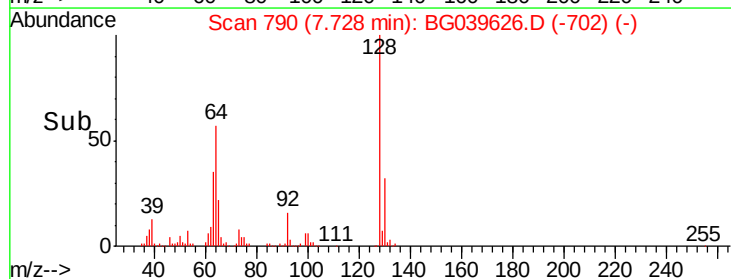
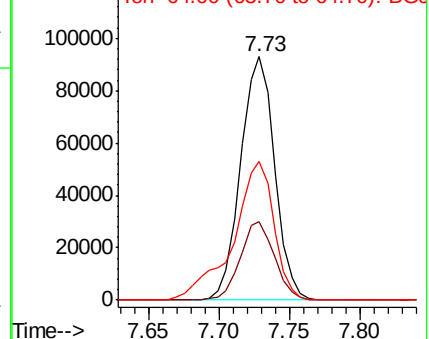
128 100

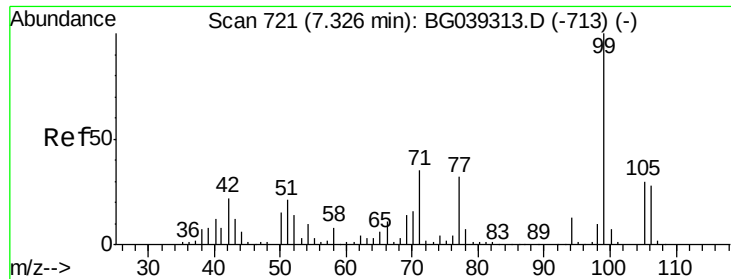
130 32.4 12.9 52.9

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

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Instrument :

BNA_G

ClientSampled :

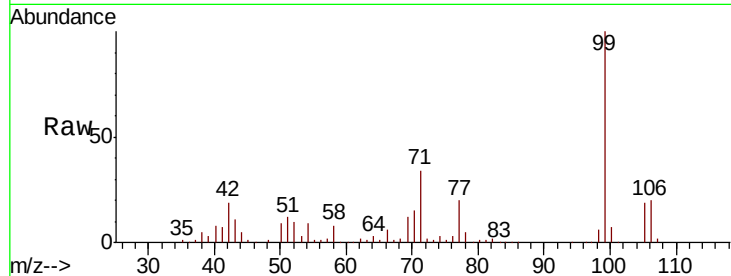
Tot Ion: 77 Resp: 71443

Ion Ratio Lower Upper

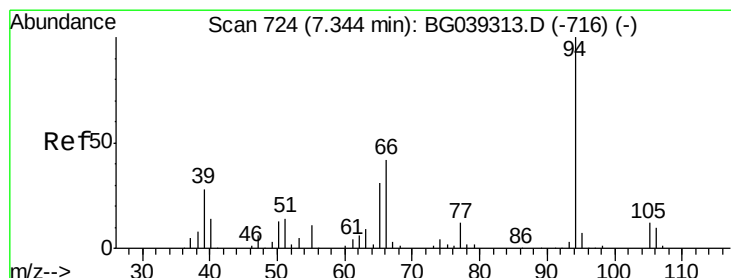
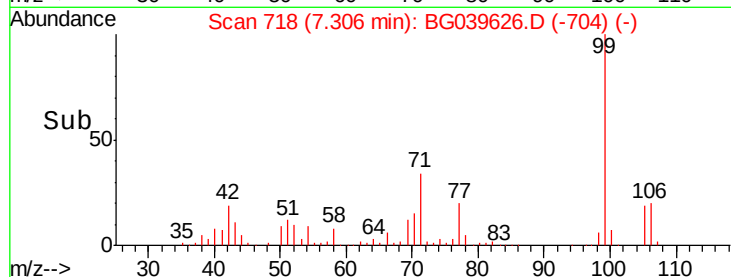
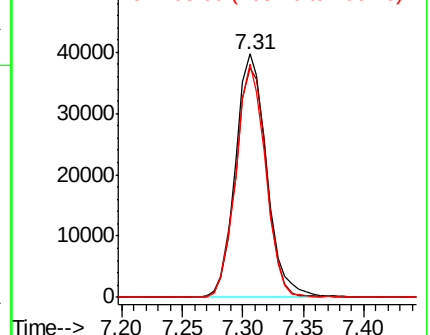
77 100

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

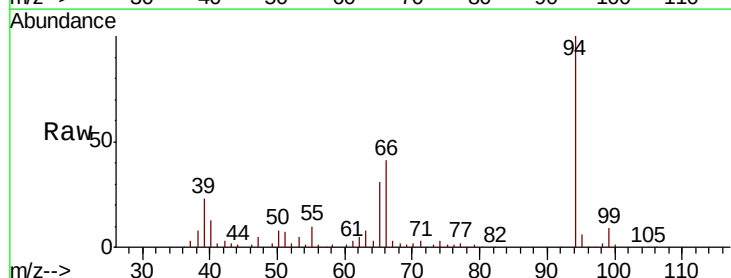
Tgt Ion: 94 Resp: 218144

Ion Ratio Lower Upper

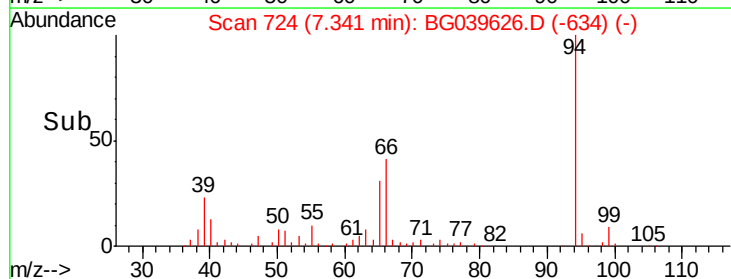
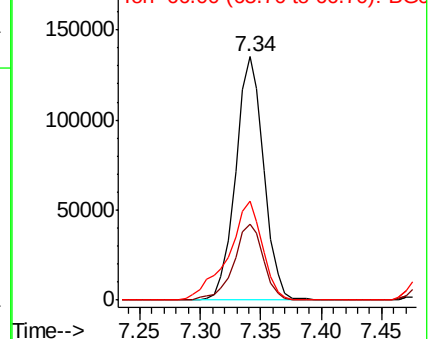
94 100

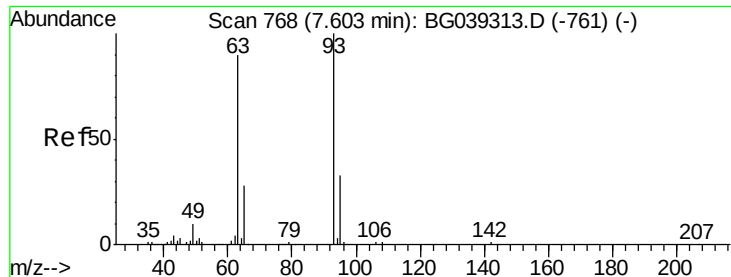
65 31.0 11.7 51.7

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

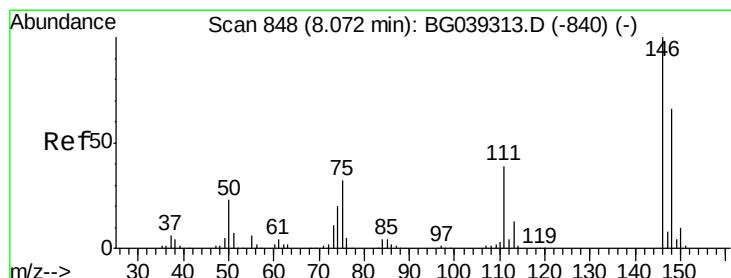
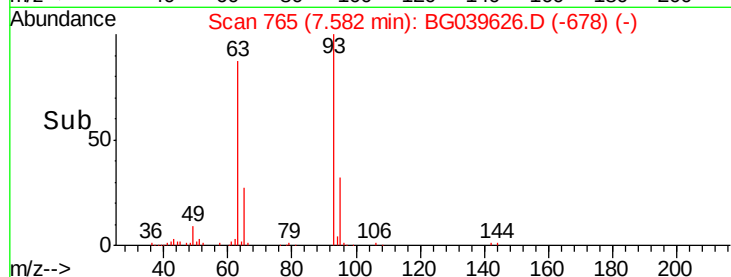
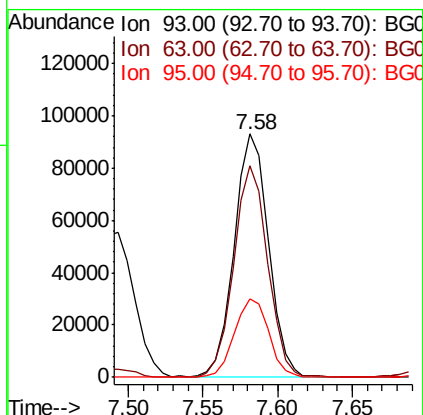
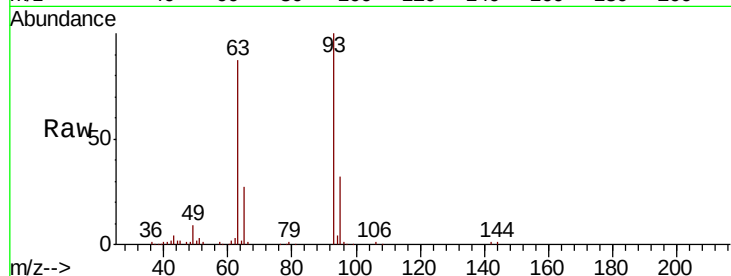




#11
 bis(2-Chloroethyl)ether
 Concen: 40.447 ng
 RT: 7.58 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

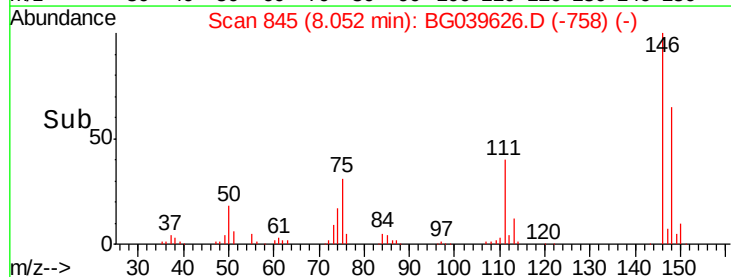
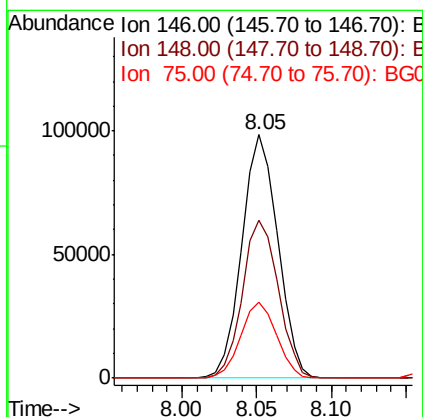
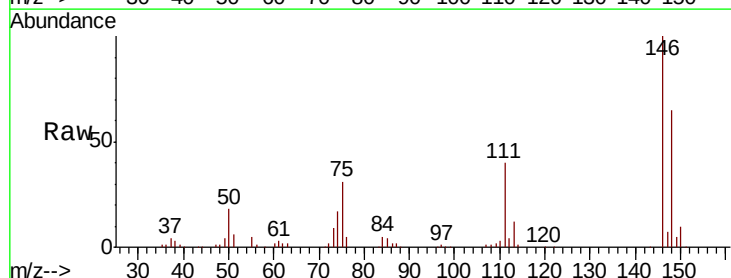
Instrument :
 BNA_G
 ClientSampleId :

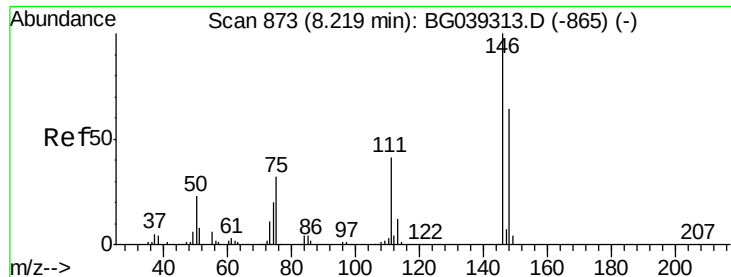
Tot Ion: 93 Resp: 148306
 Ion Ratio Lower Upper
 93 100
 63 87.0 69.5 109.5
 95 32.1 12.7 52.7



#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

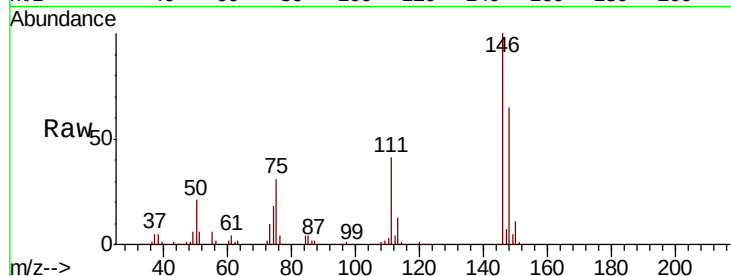




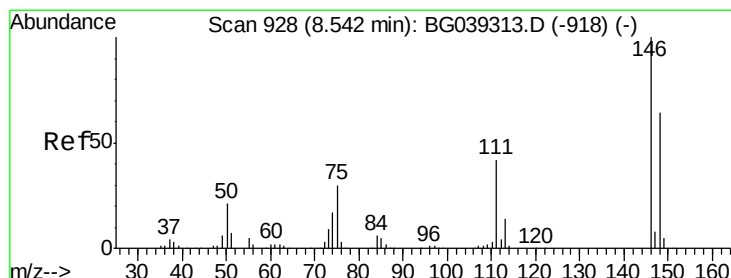
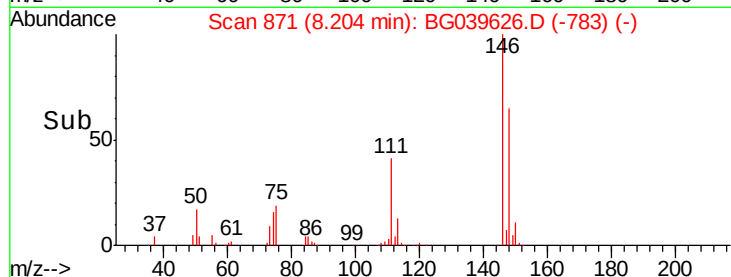
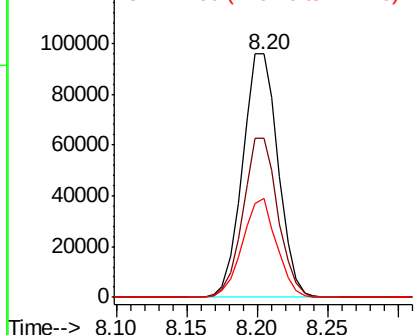
#13
 1,4-Dichlorobenzene
 Concen: 42.273 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Instrument :
 BNA_G
 ClientSampleId :

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

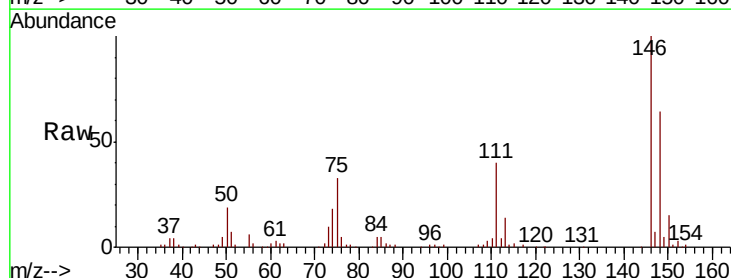


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

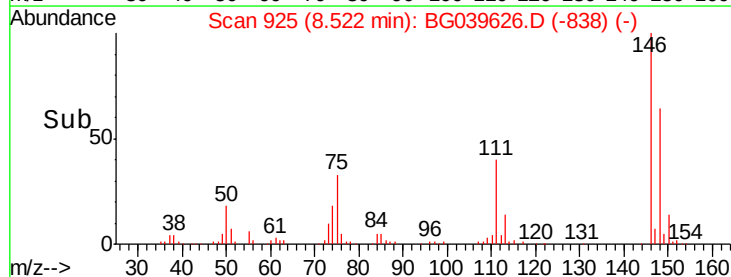
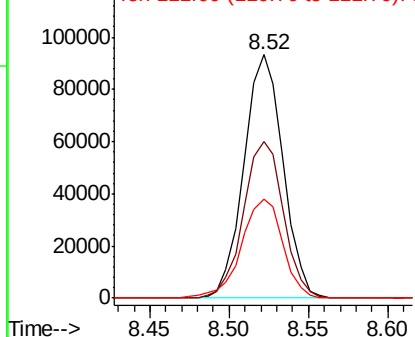


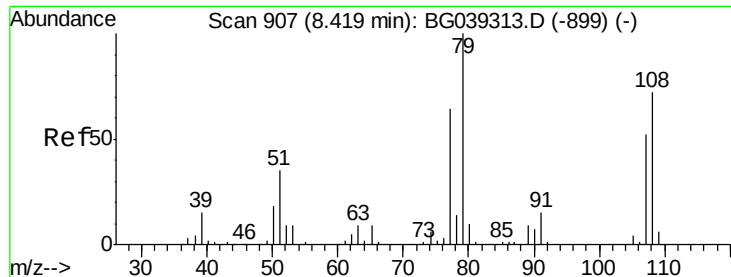
#14
 1,2-Dichlorobenzene
 Concen: 41.262 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

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

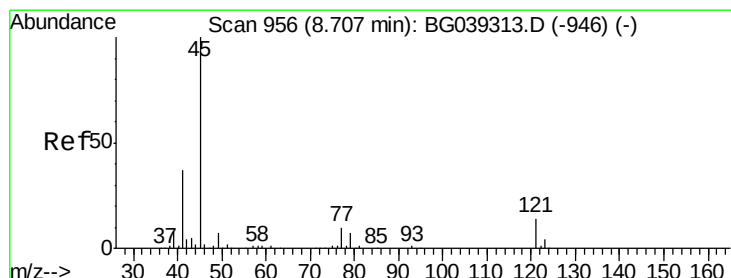
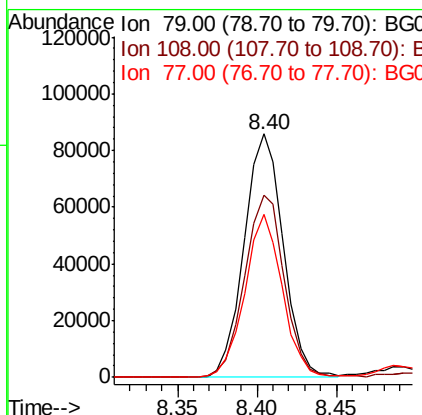
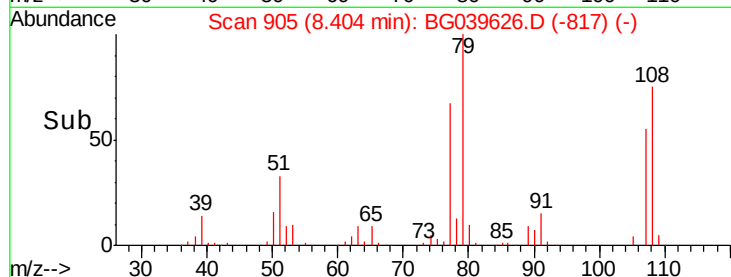
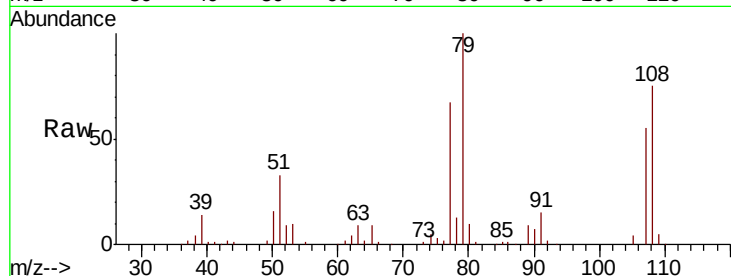




#15
Benzyl Alcohol
Concen: 42.086 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

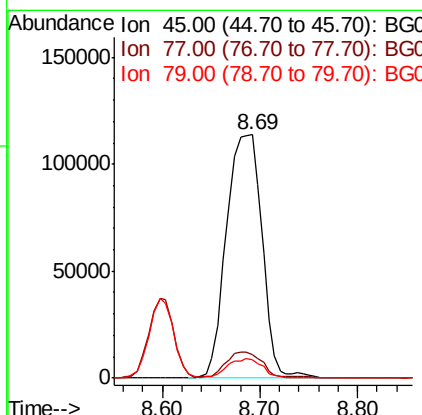
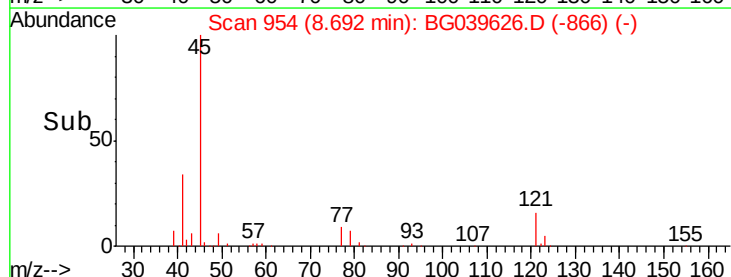
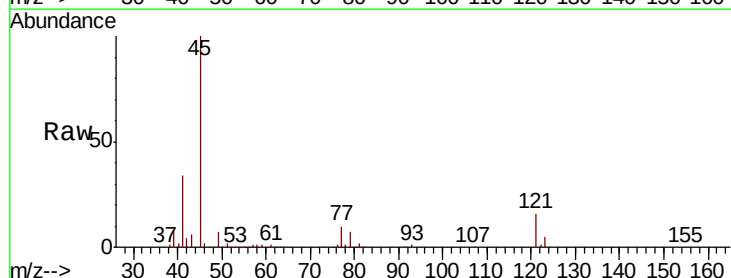
Instrument :
BNA_G
ClientSampled :

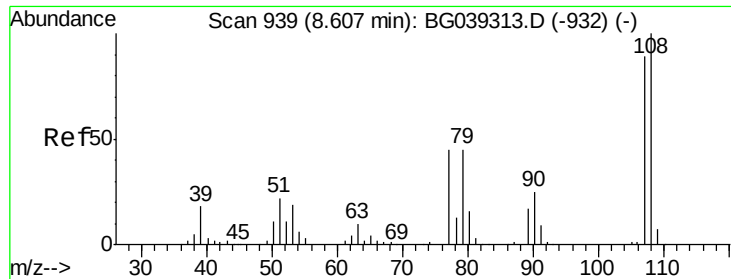
Tot Ion: 79 Resp: 147079
Ion Ratio Lower Upper
79 100
108 74.6 57.8 86.6
77 67.1 51.1 76.7



#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

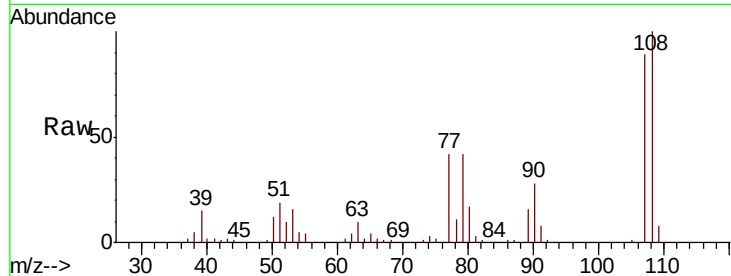




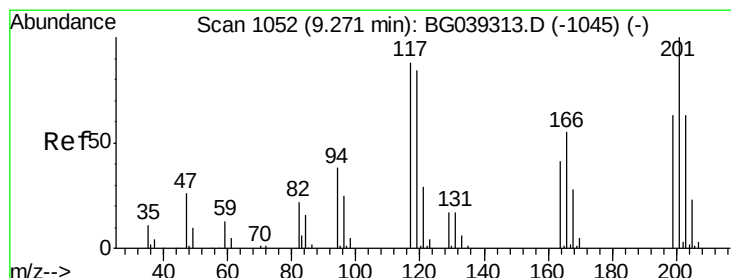
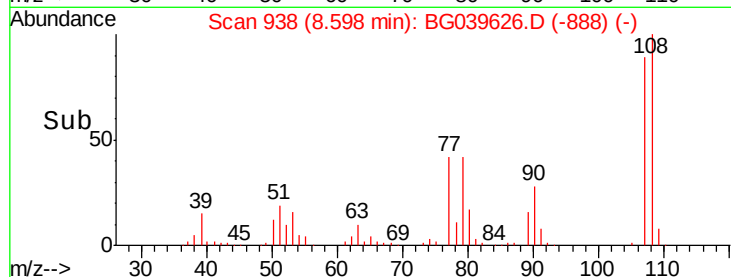
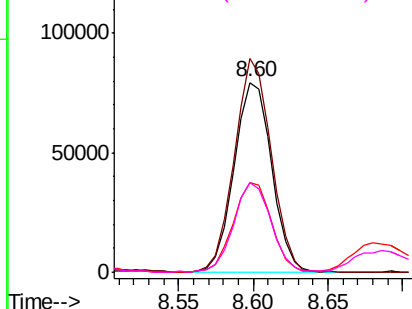
#17
2-Methylphenol
Concen: 46.487 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :

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

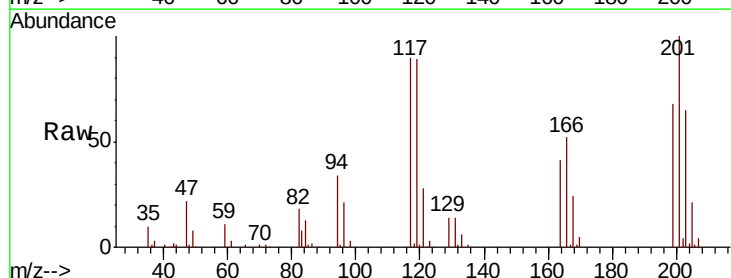


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

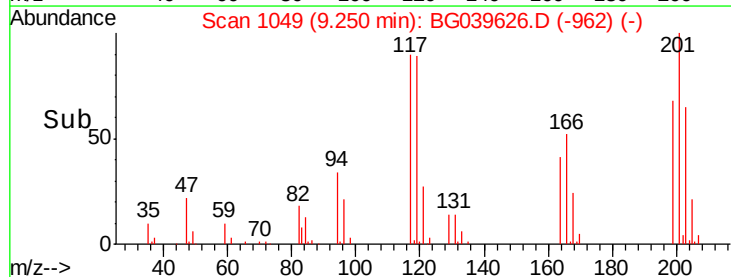
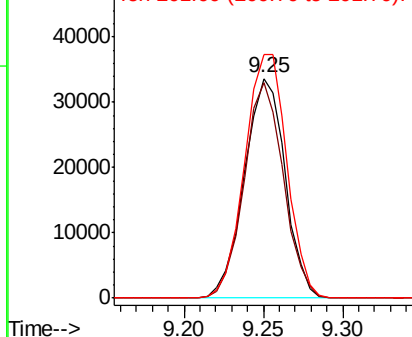


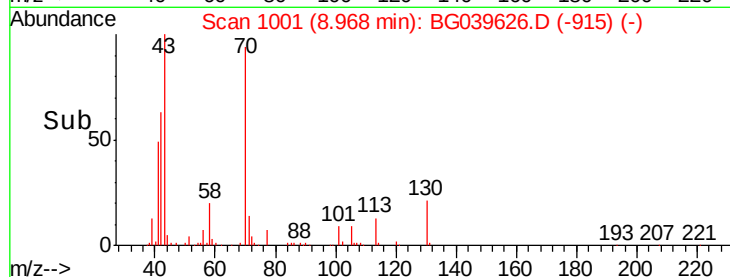
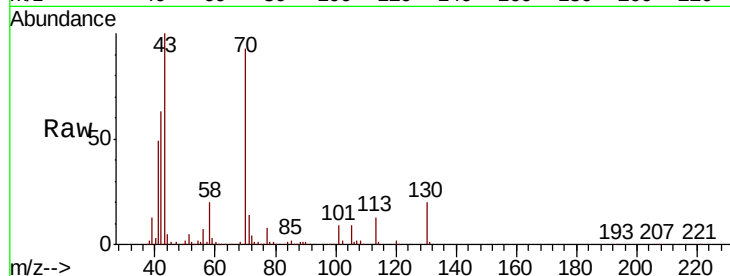
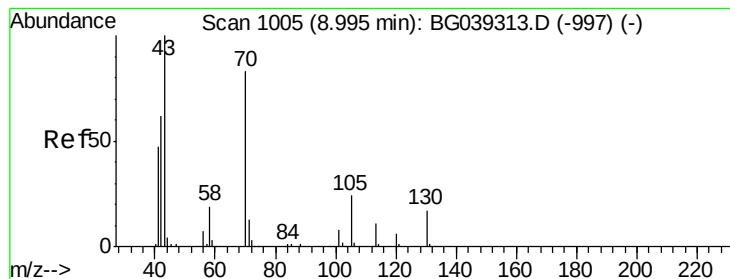
#18
Hexachloroethane
Concen: 43.765 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

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 :

Tot Ion: 70 Resp: 121070

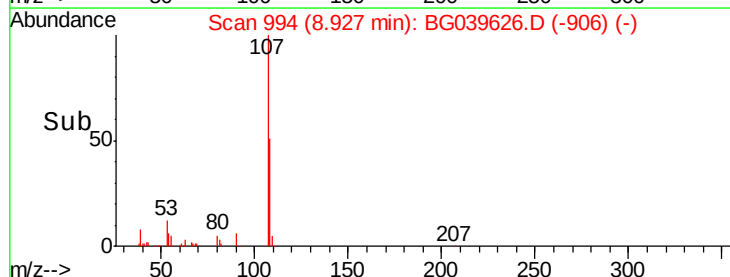
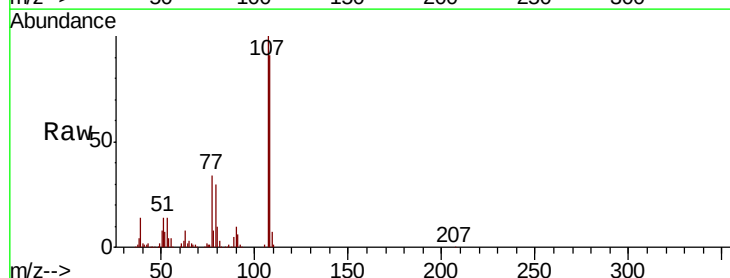
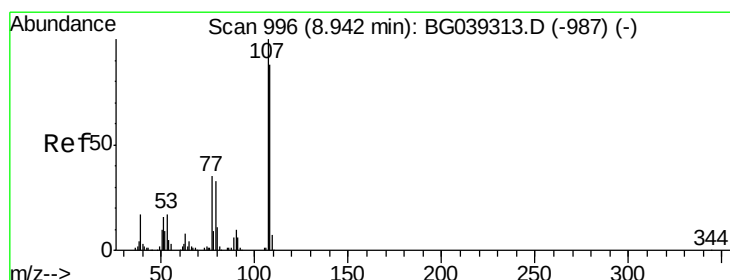
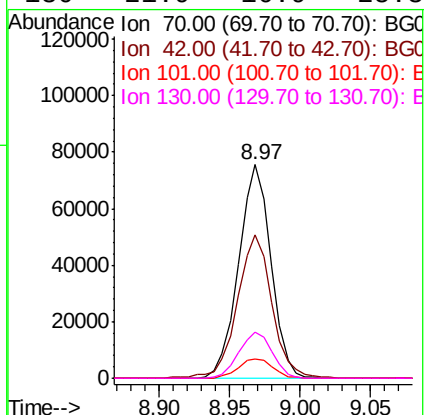
Ion Ratio Lower Upper

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

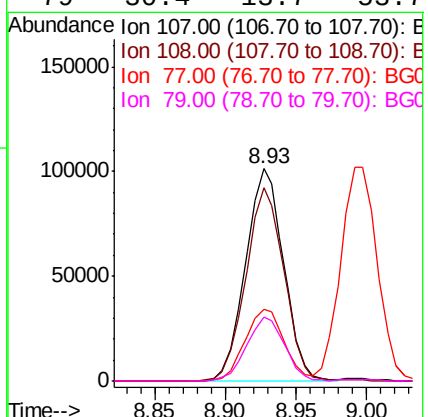
Ion Ratio Lower Upper

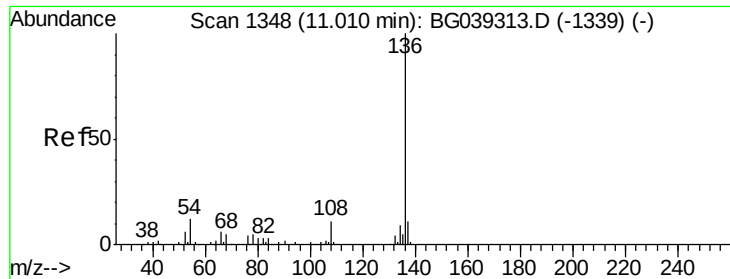
107 100

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 :

Tot Ion:136 Resp: 214856

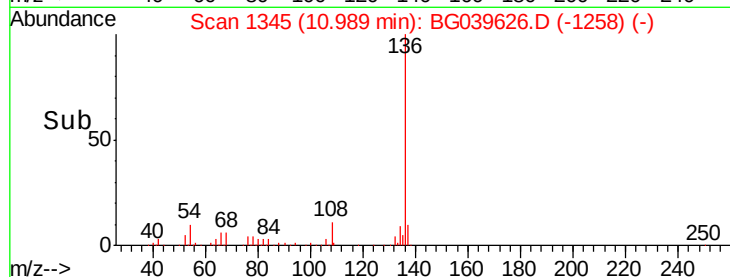
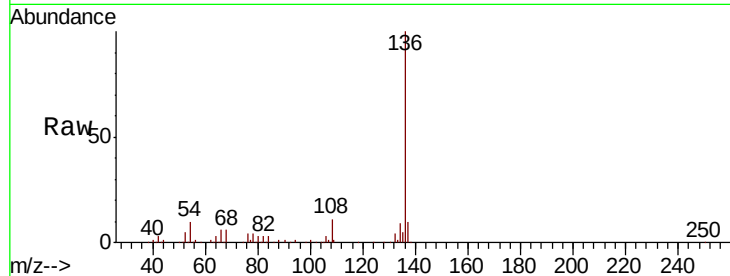
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 10.5 9.4 14.2

68 6.5 4.2 6.4#

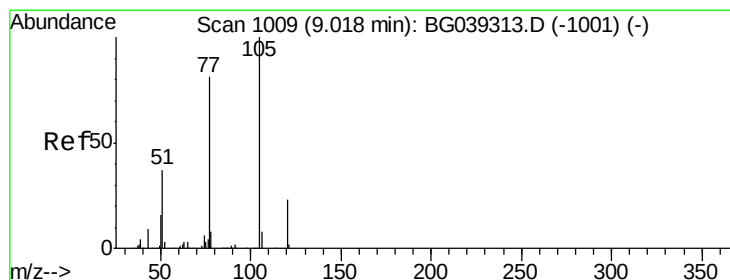
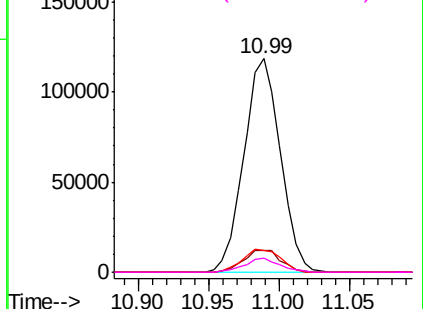


Abundance Ion 136.00 (135.70 to 136.70): E

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

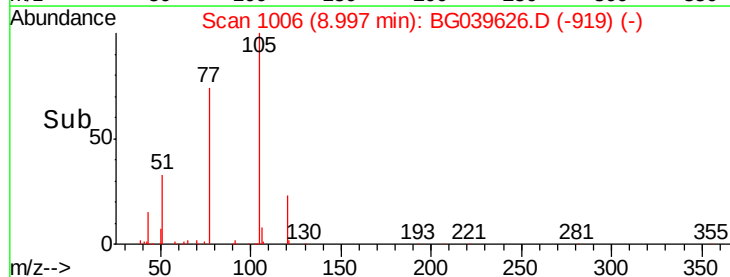
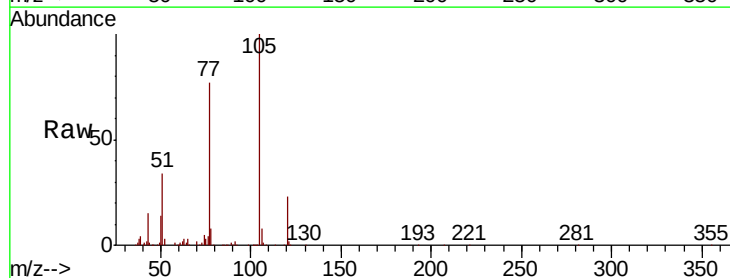
Ion Ratio Lower Upper

105 100

71 0.4 0.8 1.2#

51 34.2 30.2 45.2

120 23.4 18.0 27.0

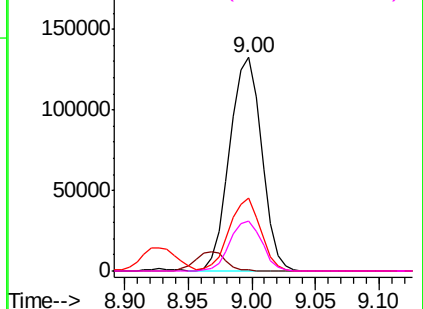


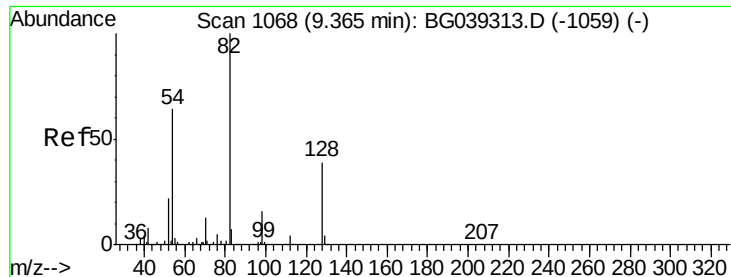
Abundance Ion 105.00 (104.70 to 105.70): E

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

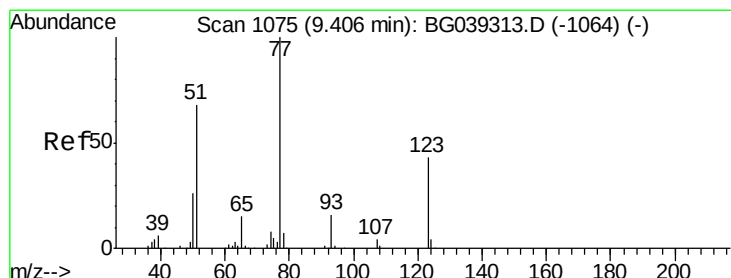
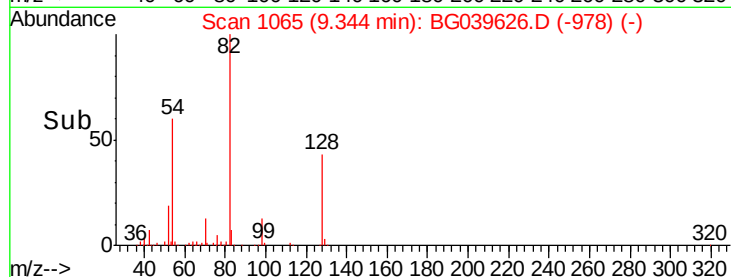
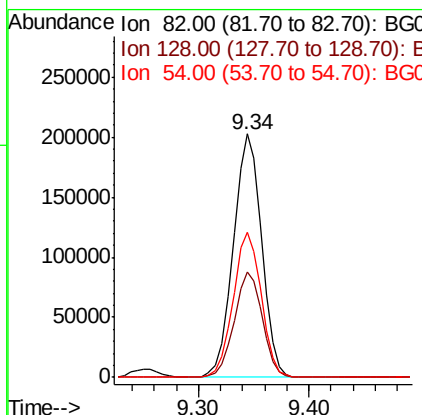
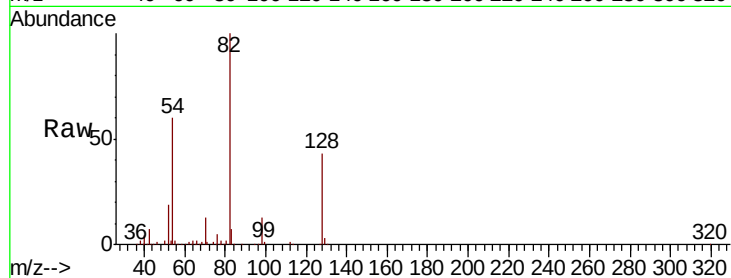




#23
 Nitrobenzene-d5
 Concen: 105.815 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

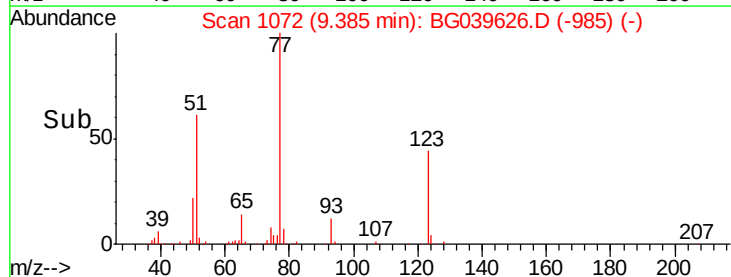
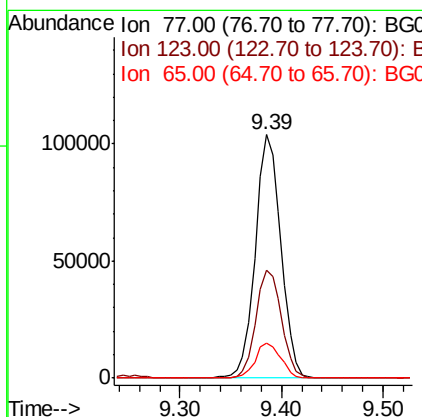
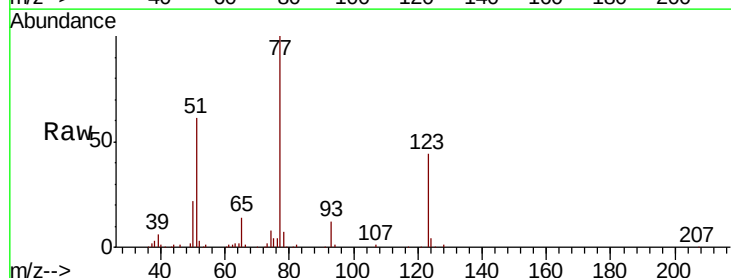
Instrument :
 BNA_G
 ClientSampled :

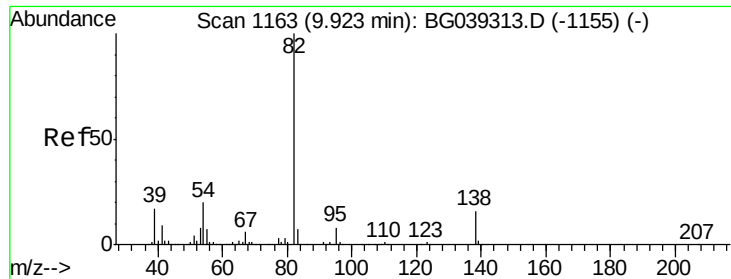
Tot Ion	82	Resp	363925
Ion Ratio	Lower	Upper	
82	100		
128	43.2	31.3	46.9
54	59.8	50.9	76.3



#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

ClientSampled :

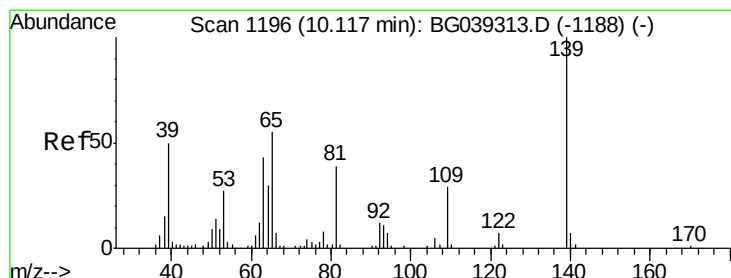
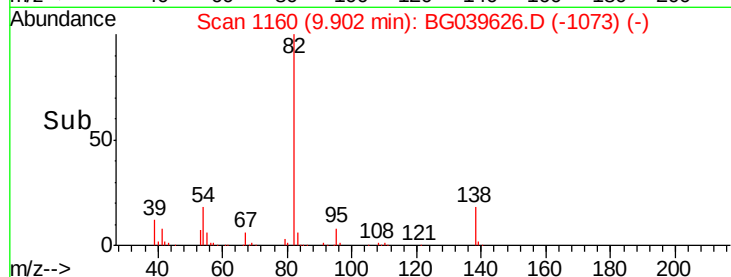
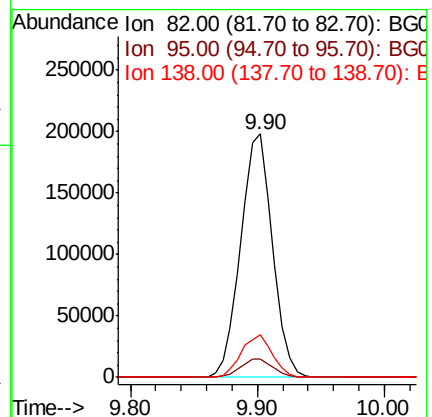
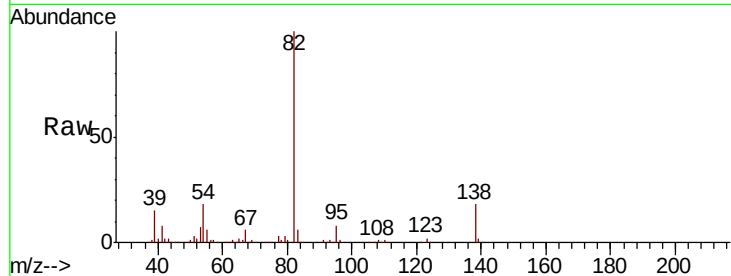
Tot Ion: 82 Resp: 343340

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

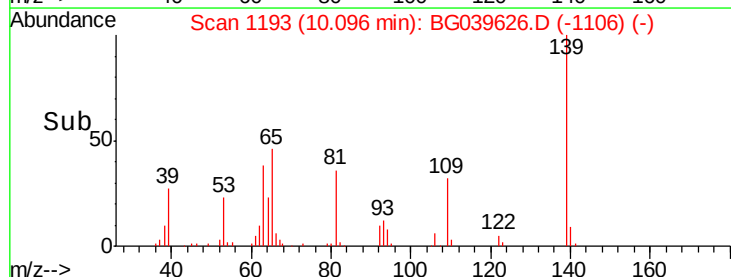
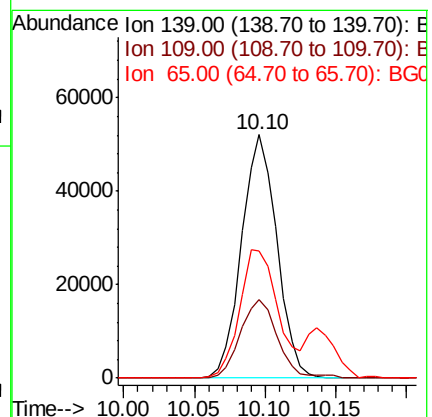
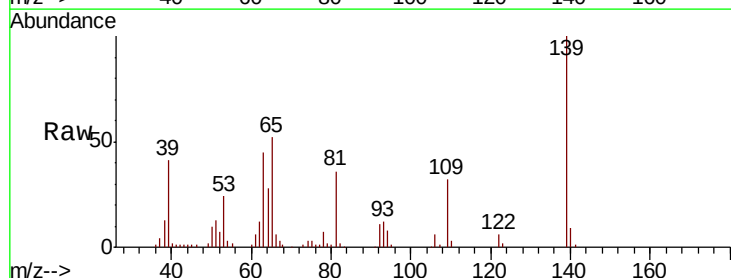
Tgt Ion: 139 Resp: 91075

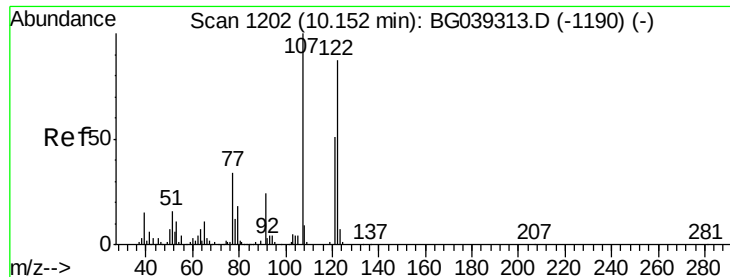
Ion Ratio Lower Upper

139 100

109 32.1 23.4 35.0

65 52.3 44.3 66.5

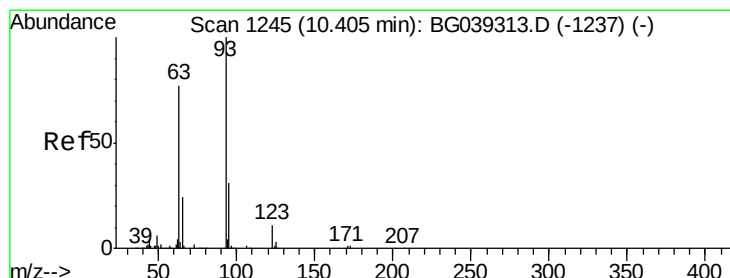
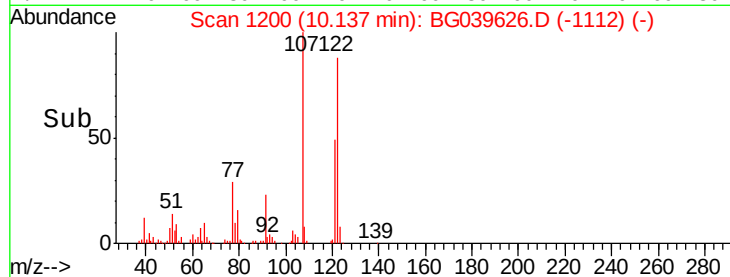
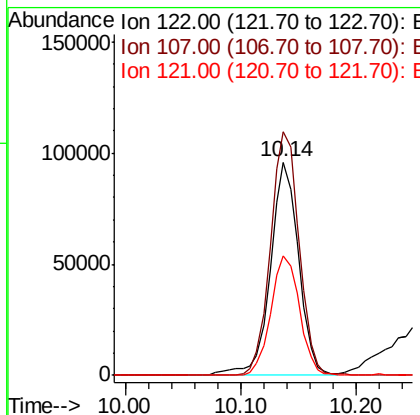
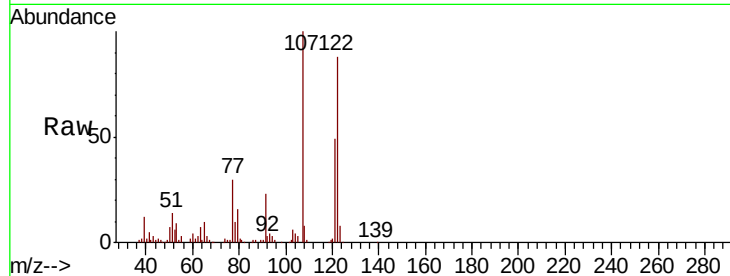




#27
 2,4-Dimethylphenol
 Concen: 53.123 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

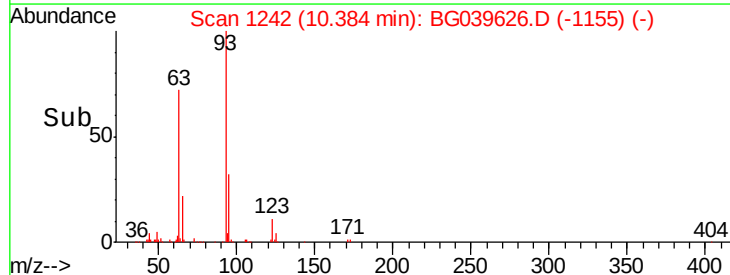
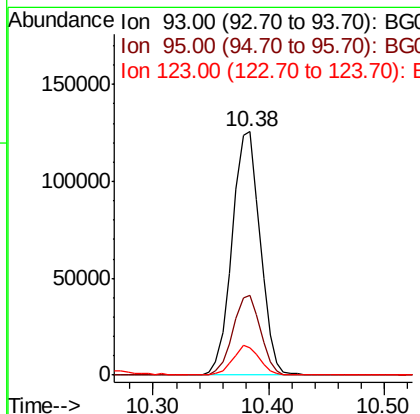
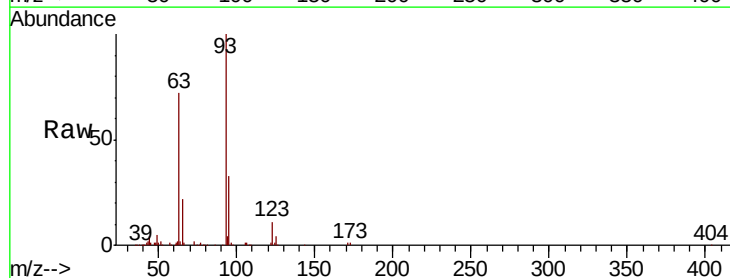
Instrument :
 BNA_G
 ClientSampled :

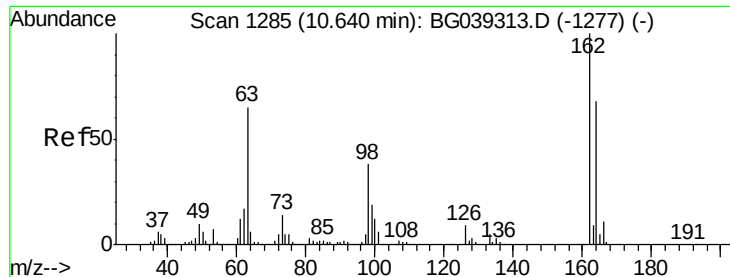
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.7	137.5
121	55.8	46.4	69.6



#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

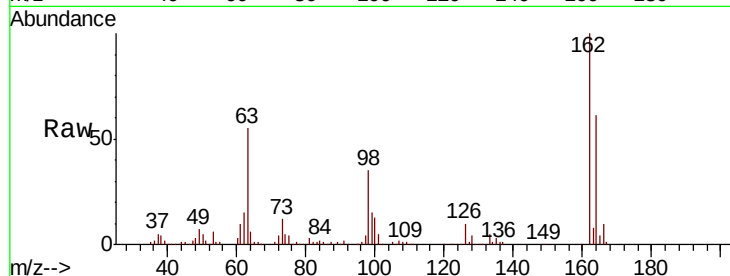




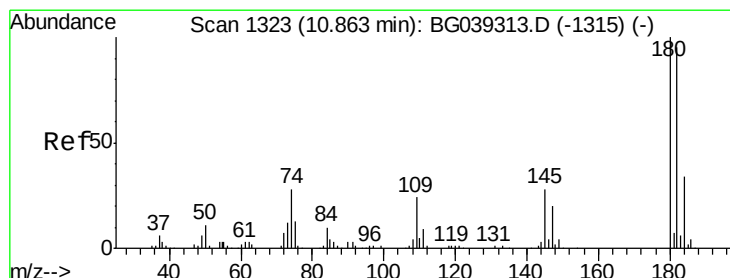
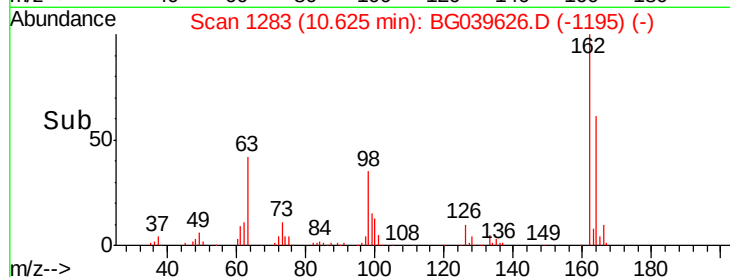
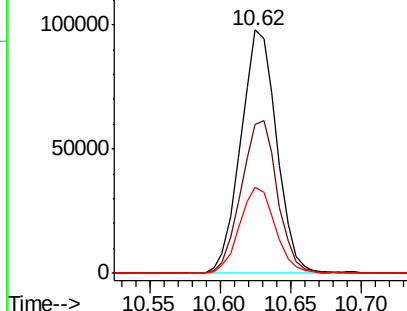
#29
 2,4-Dichlorophenol
 Concen: 51.666 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Instrument :
 BNA_G
 ClientSampled :

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

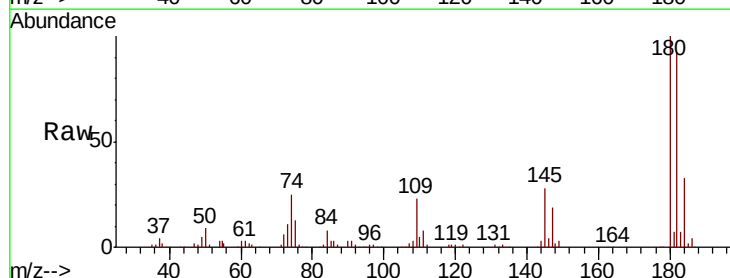


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

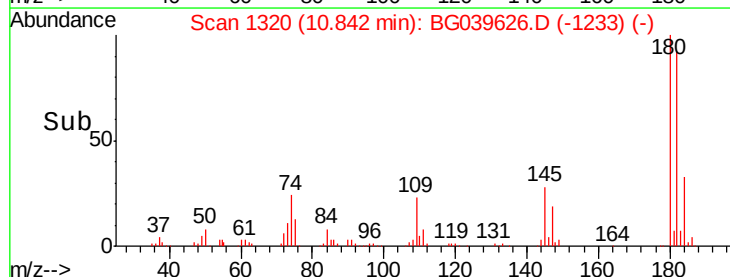
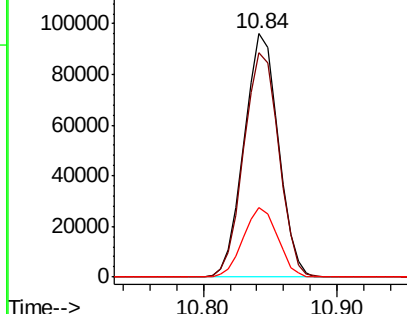


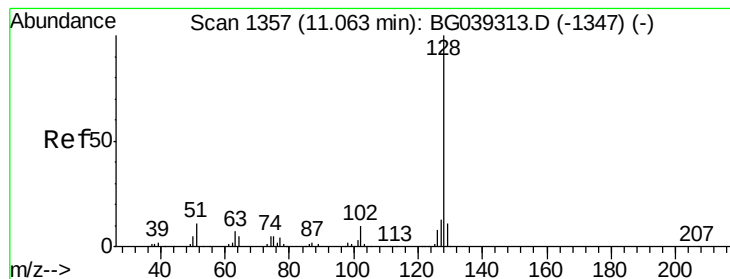
#30
 1,2,4-Trichlorobenzene
 Concen: 45.113 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

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 :

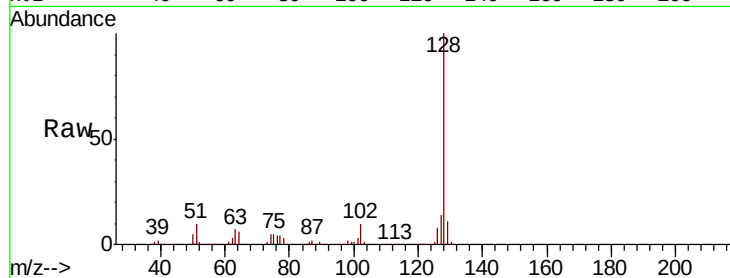
Tot Ion:128 Resp: 490942

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

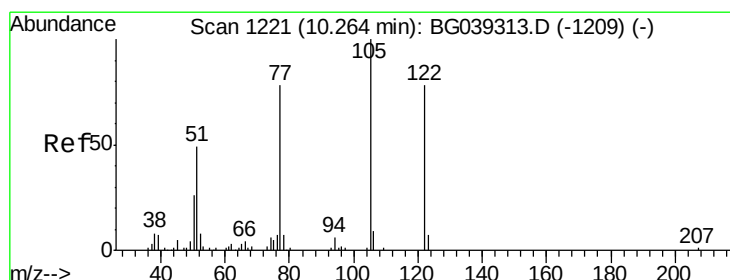
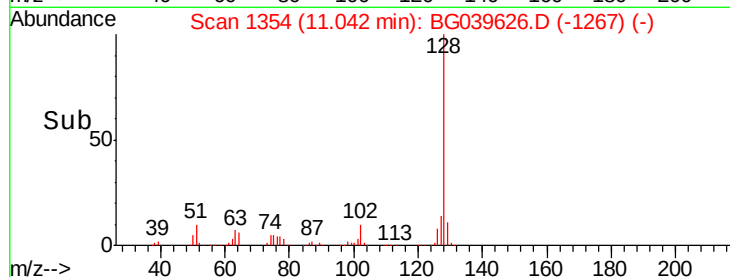
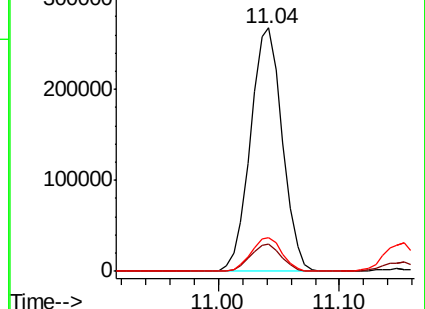
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 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

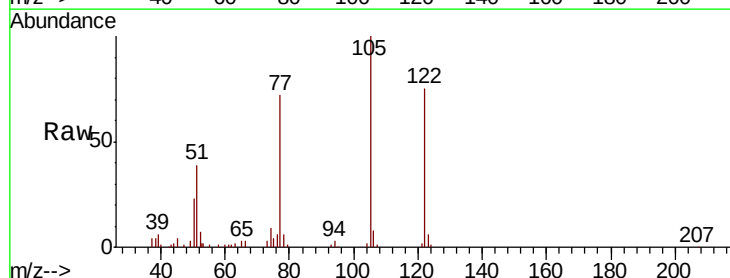
Tgt Ion:122 Resp: 91634

Ion Ratio Lower Upper

122 100

105 134.1 101.8 141.8

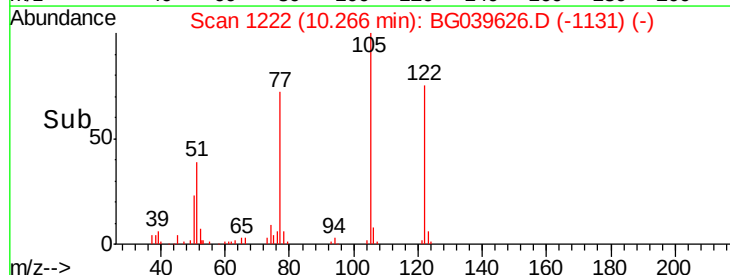
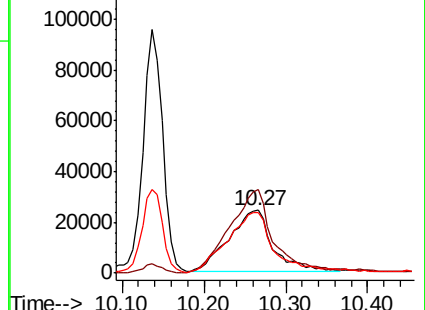
77 97.1 76.3 116.3

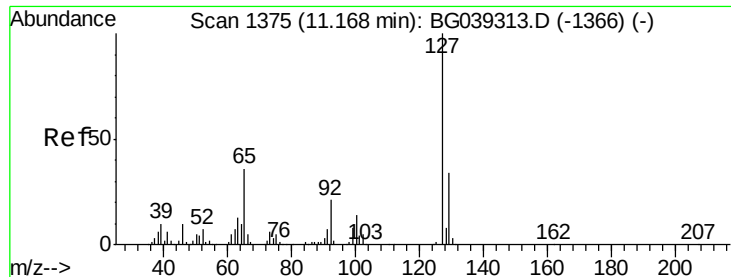


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

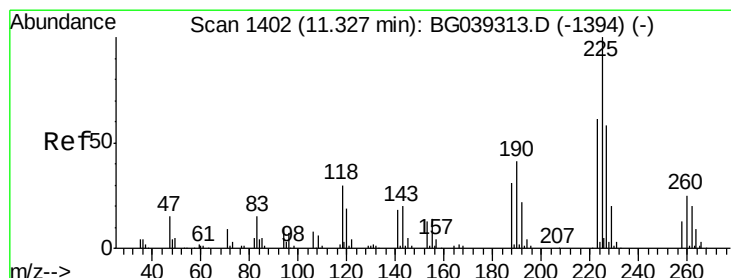
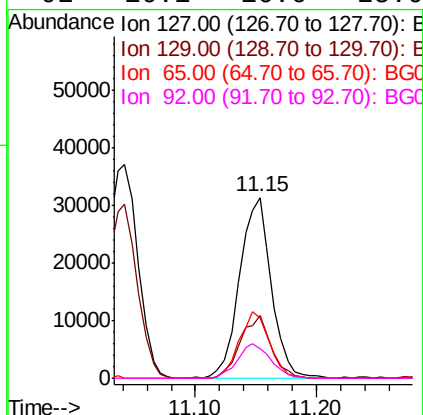
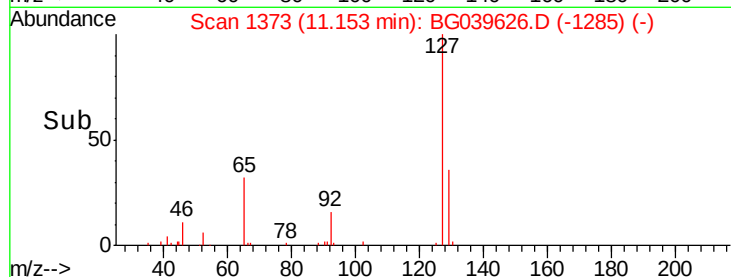
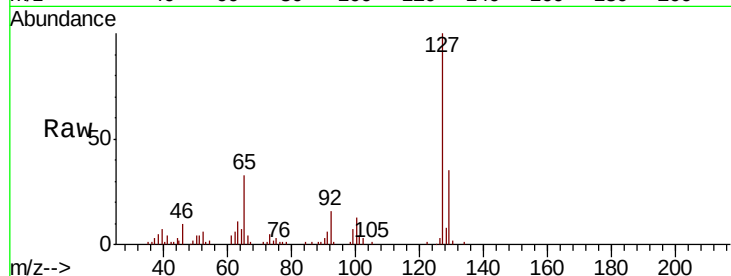




#33
4-Chloroaniline
Concen: 11.600 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

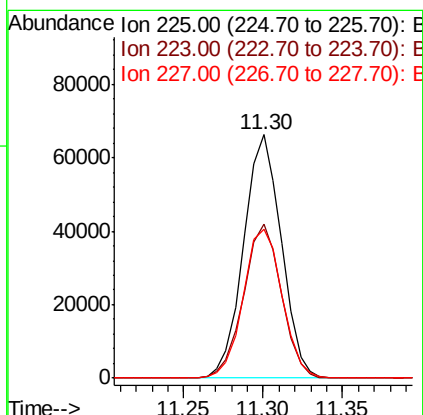
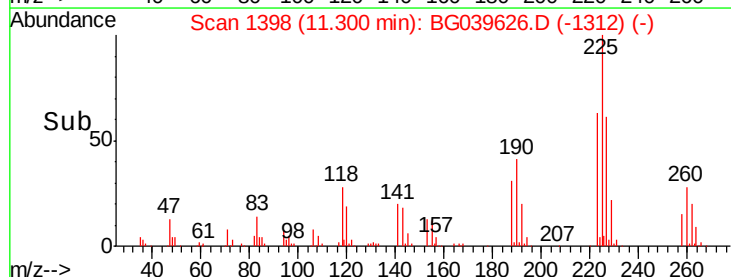
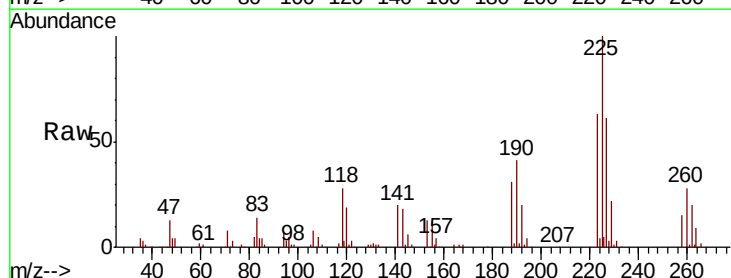
Instrument :
BNA_G
ClientSampled :

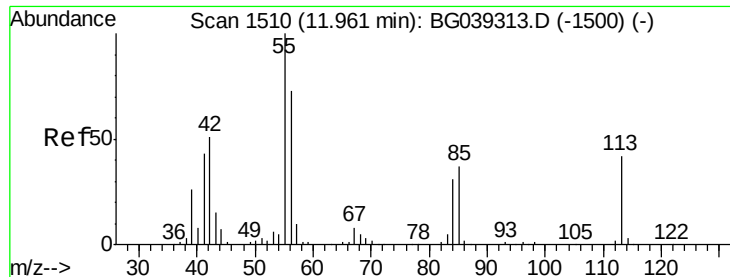
Tot Ion:	127	Resp:	57331
Ion	Ratio	Lower	Upper
127	100		
129	34.9	27.0	40.4
65	33.1	28.8	43.2
92	16.1	16.6	25.0



#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

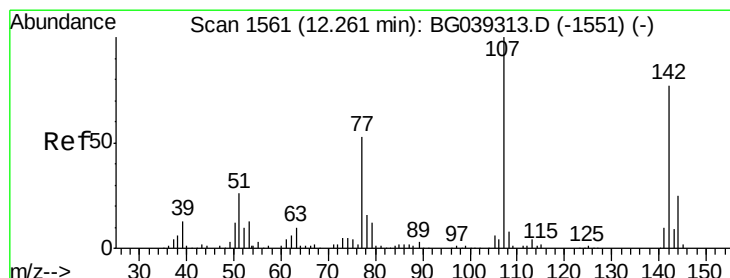
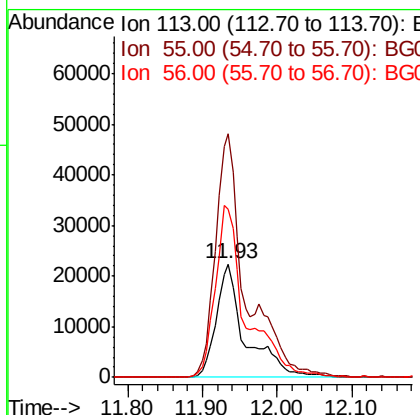
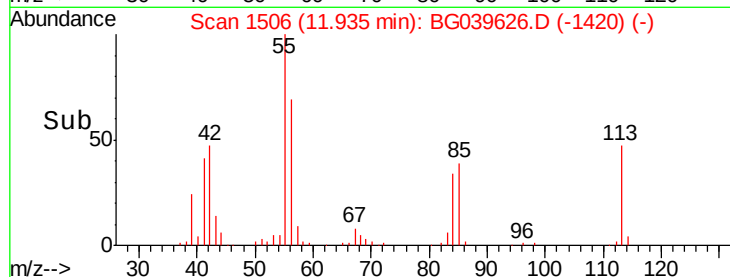
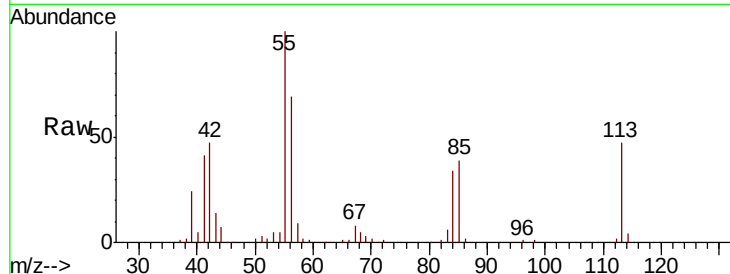




#35
 Caprolactam
 Concen: 43.604 ng
 RT: 11.93 min Scan# 1506
 Delta R.T. -0.03 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

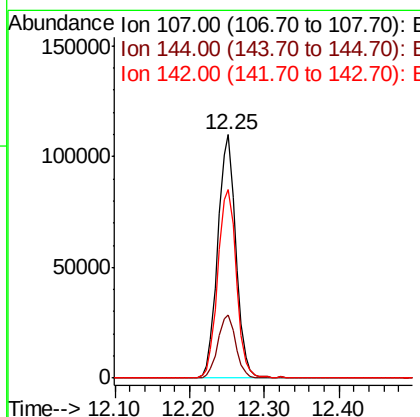
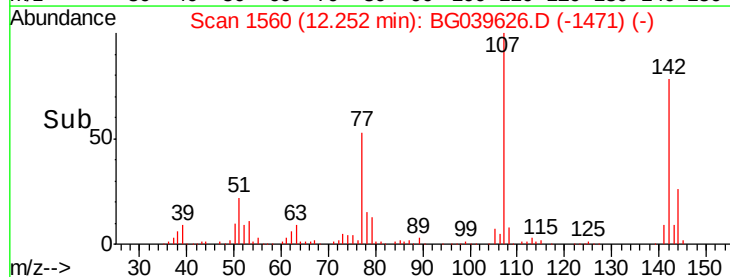
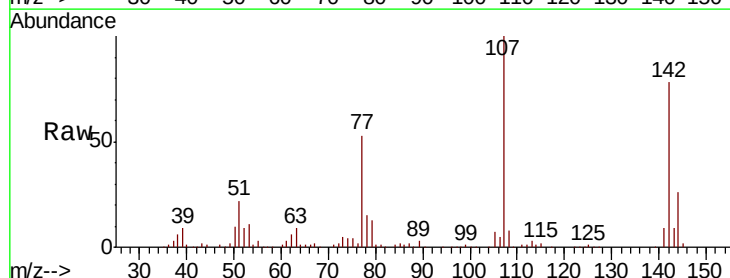
Instrument :
 BNA_G
 ClientSampled :

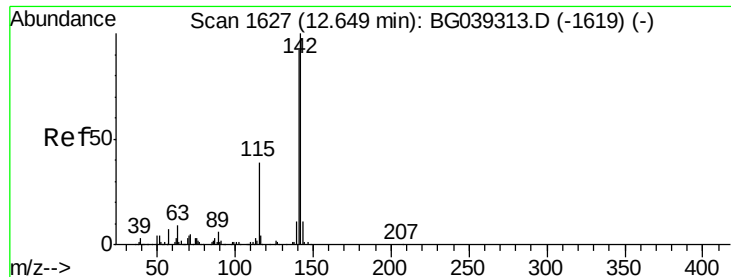
Tot Ion:113 Resp: 60799
 Ion Ratio Lower Upper
 113 100
 55 214.6 216.9 256.9#
 56 148.1 152.6 192.6#



#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

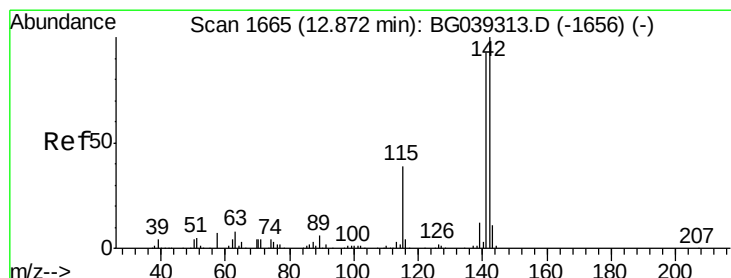
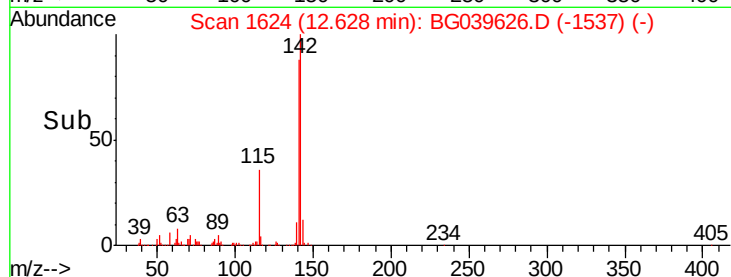
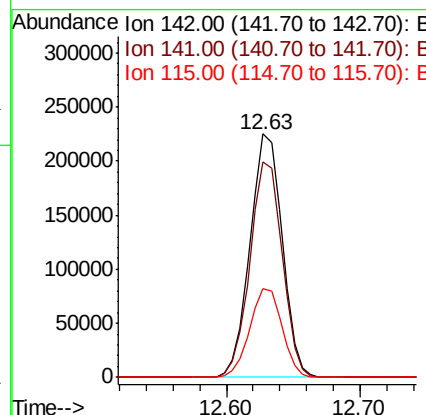
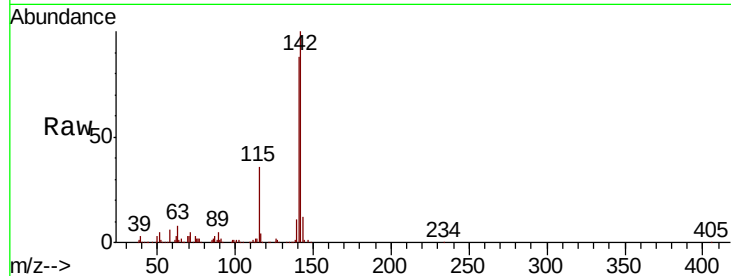




#37
2-Methylnaphthalene
Concen: 47.356 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

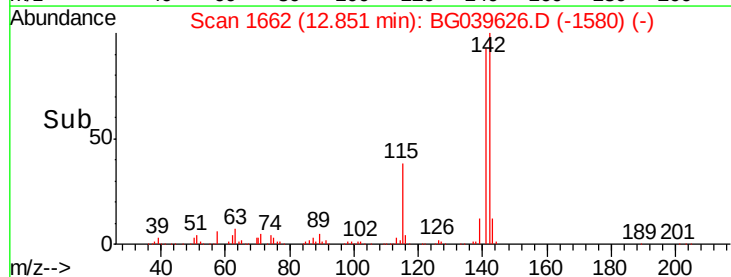
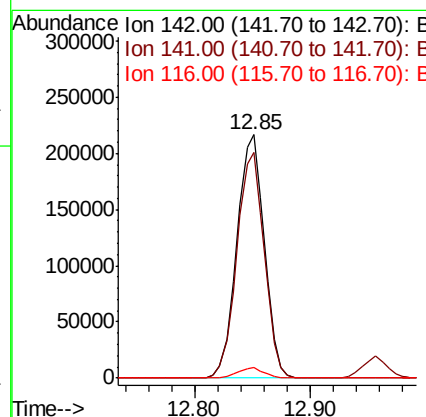
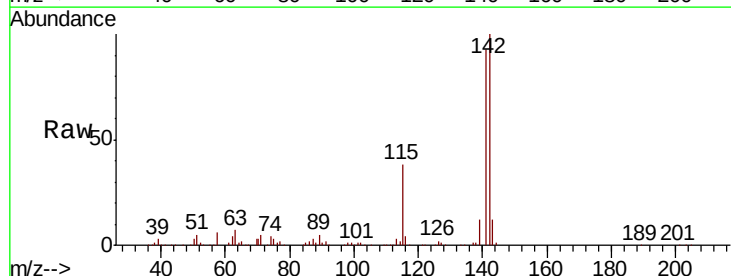
Instrument :
BNA_G
ClientSampleId :

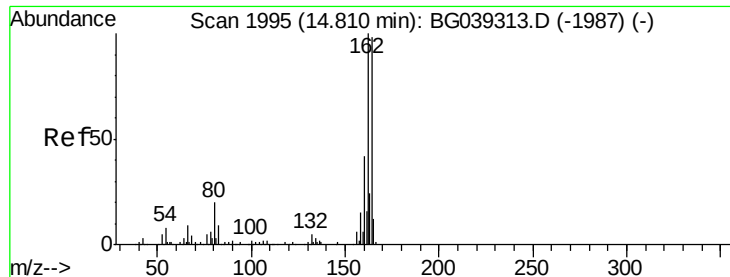
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.5	110.3
115	36.4	30.8	46.2



#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	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	4.4	3.0	4.6





#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

ClientSampled :

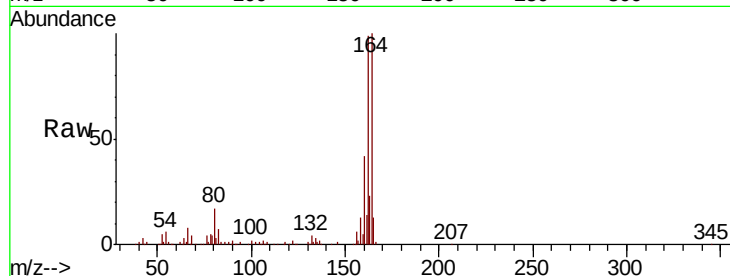
Tot Ion:164 Resp: 146734

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

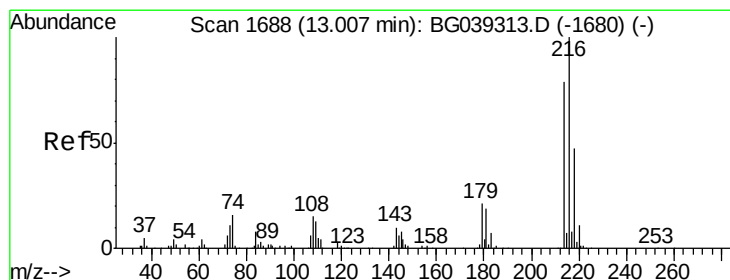
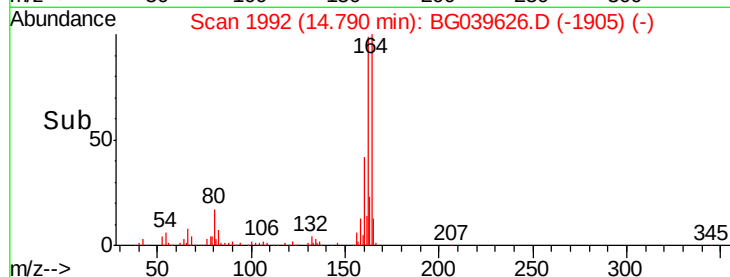
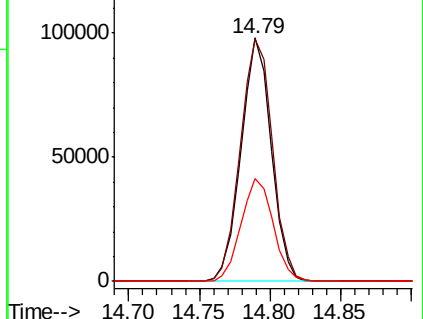
160 42.3 34.2 51.2



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

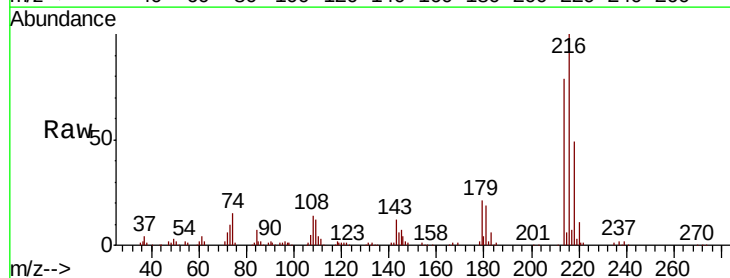
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.5 16.6 25.0

108 17.7 14.0 21.0

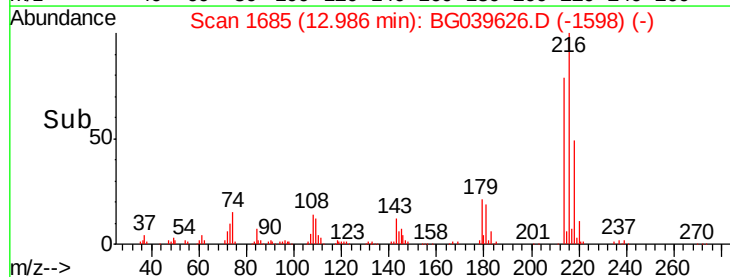
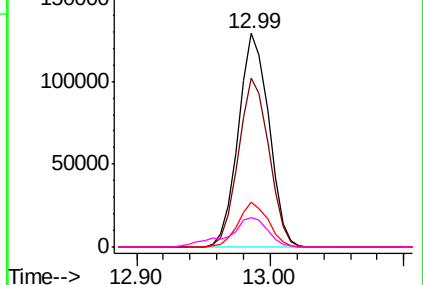


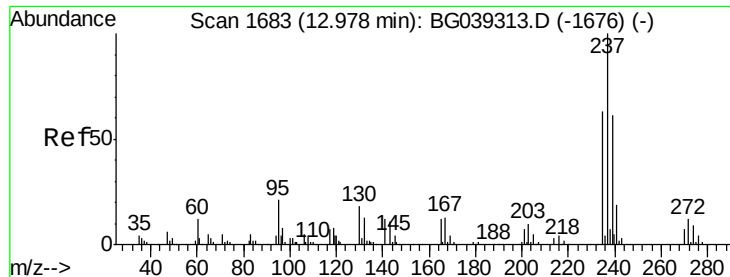
Abundance Ion 216.00 (215.70 to 216.70): E

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

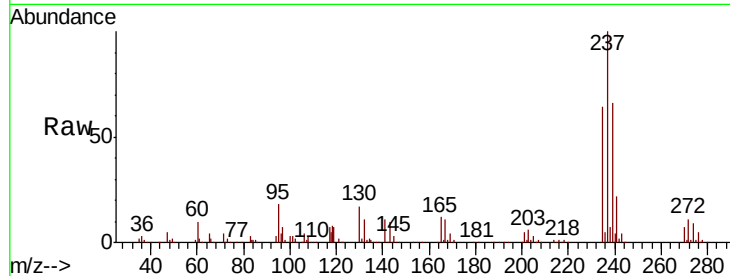




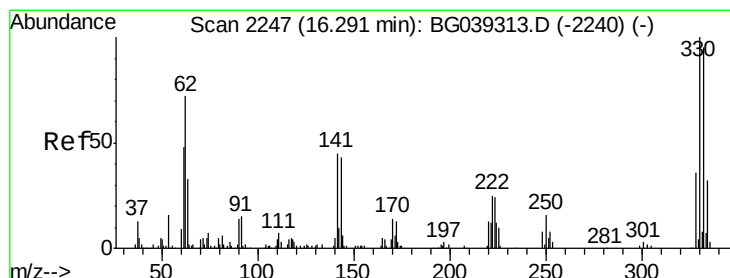
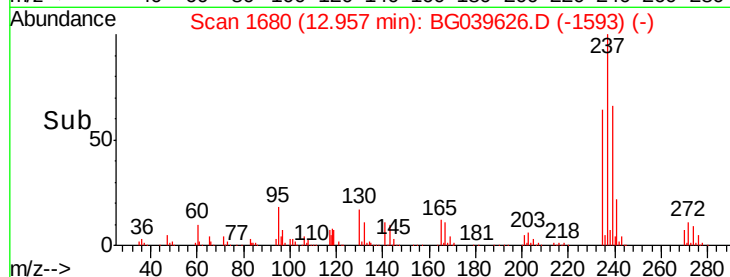
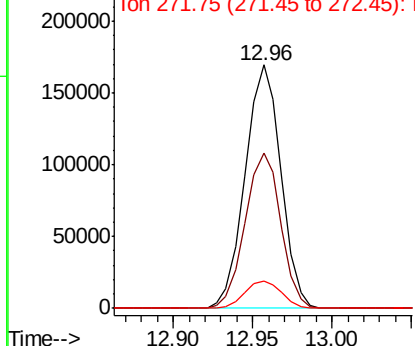
#41
Hexachlorocyclopentadiene
Concen: 104.474 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.3	83.3
272	11.1	0.0	32.3

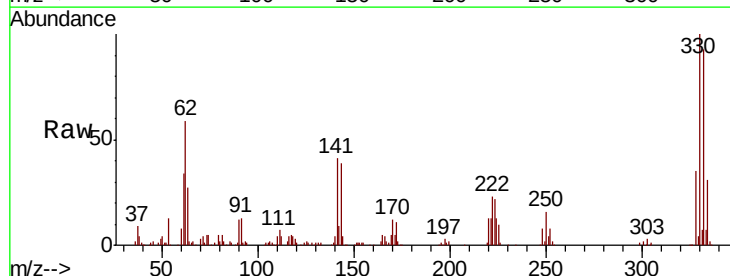


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

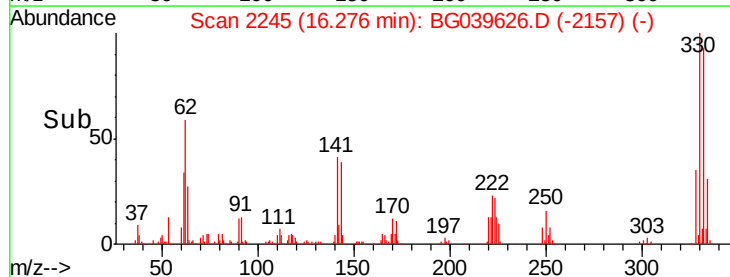
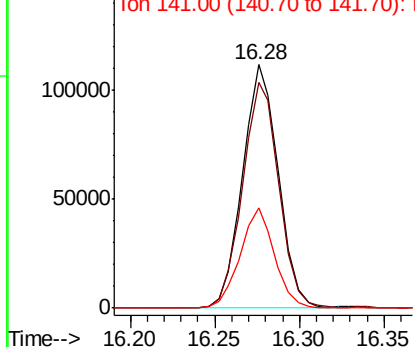


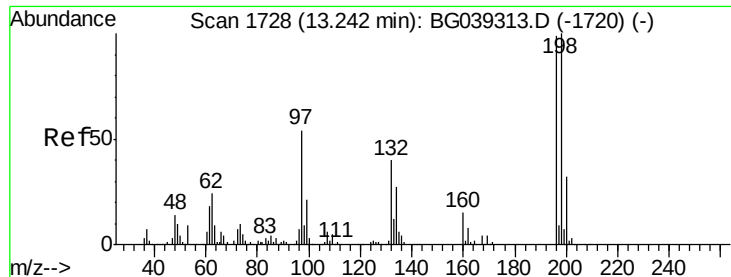
#42
2,4,6-Tribromophenol
Concen: 103.950 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Tgt Ion	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

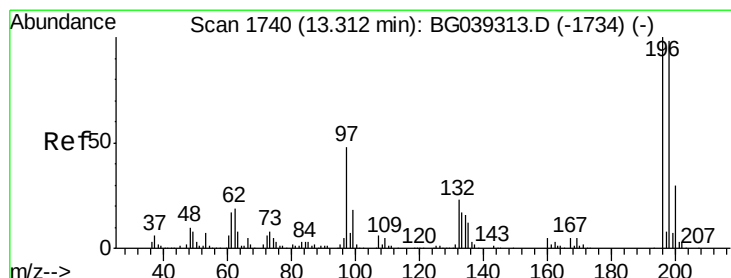
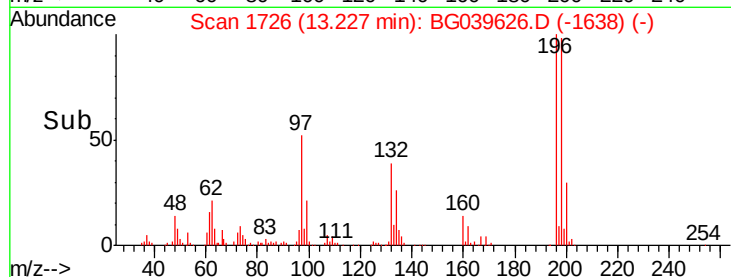
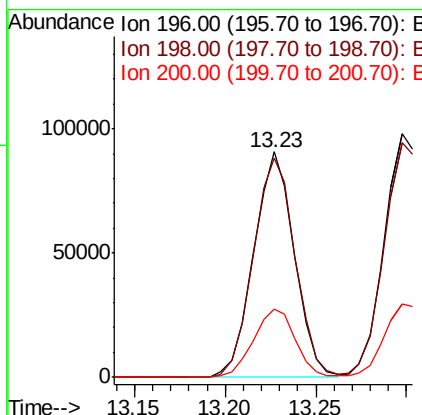
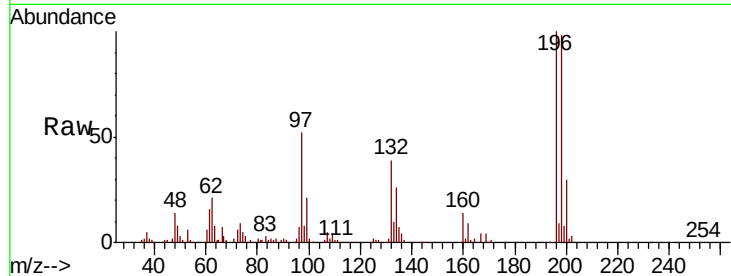




#43
 2,4,6-Trichlorophenol
 Concen: 49.277 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

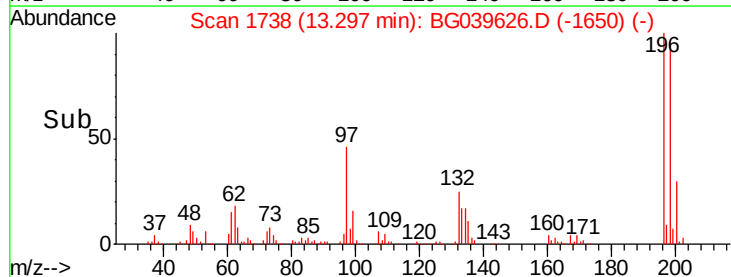
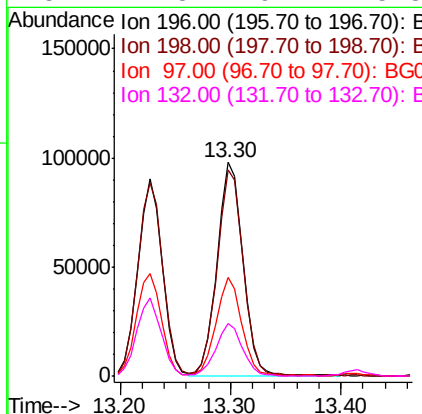
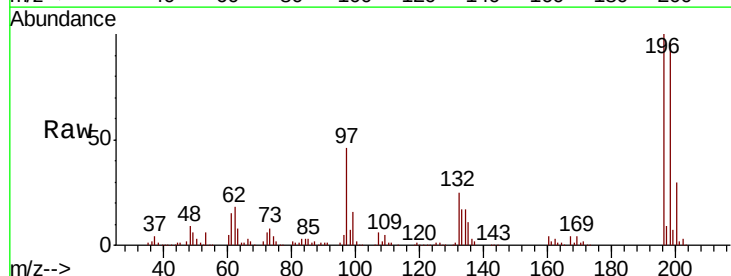
Instrument :
 BNA_G
 ClientSampleId :

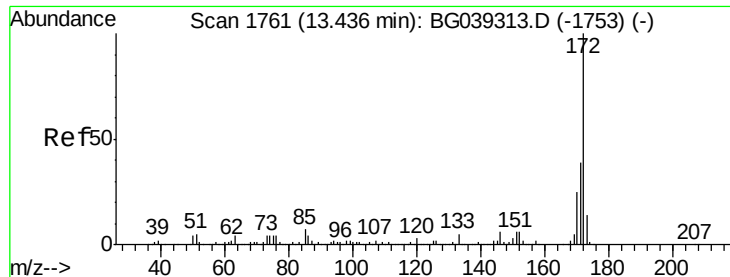
Tot Ion:	196	Resp:	141451
Ion	Ratio	Lower	Upper
196	100		
198	97.7	80.6	121.0
200	30.1	26.1	39.1



#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

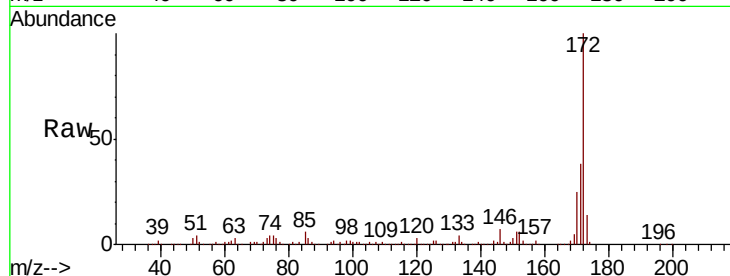




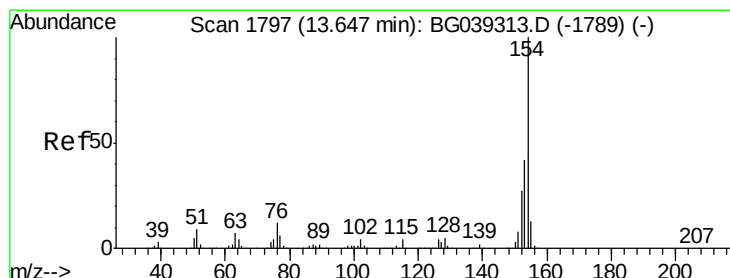
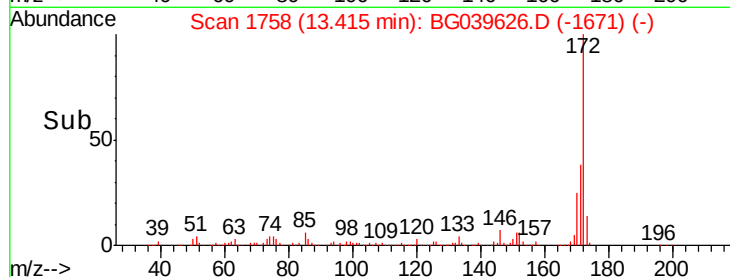
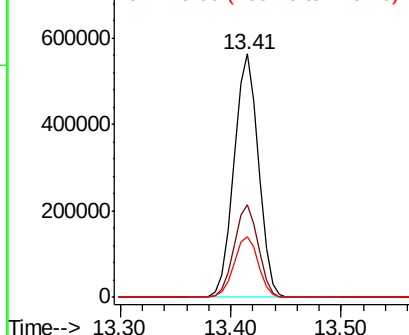
#45
2-Fluorobiphenyl
Concen: 85.550 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :

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

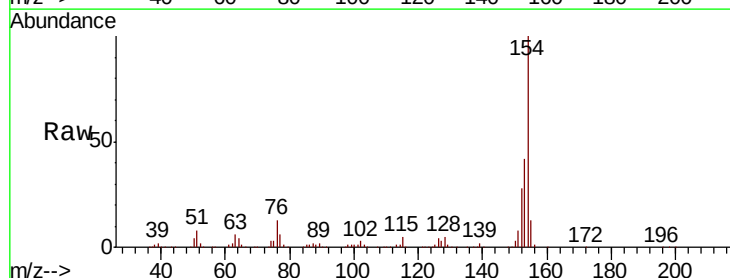


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

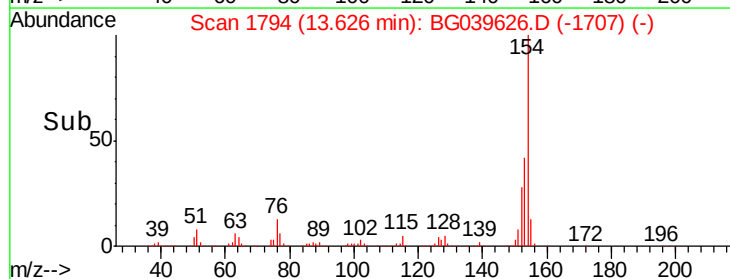
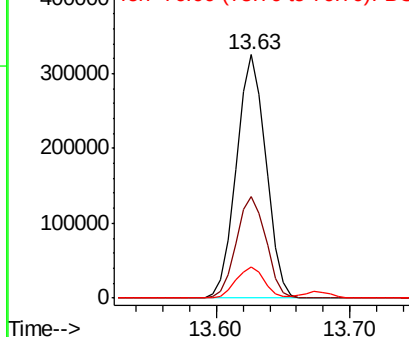


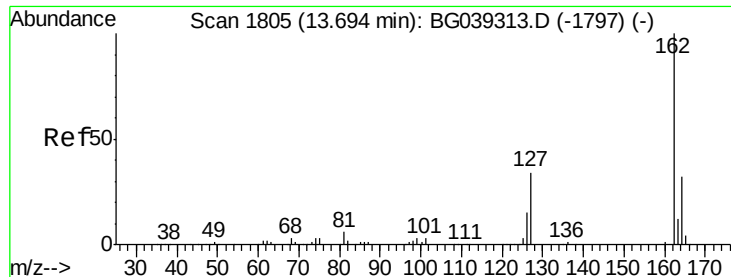
#46
1,1'-Biphenyl
Concen: 40.751 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

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



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

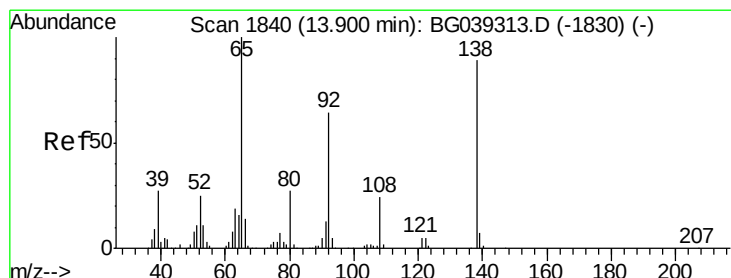
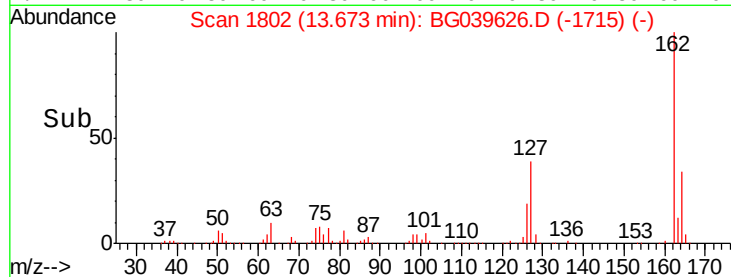
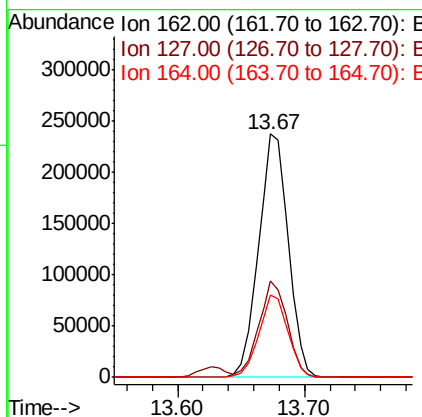
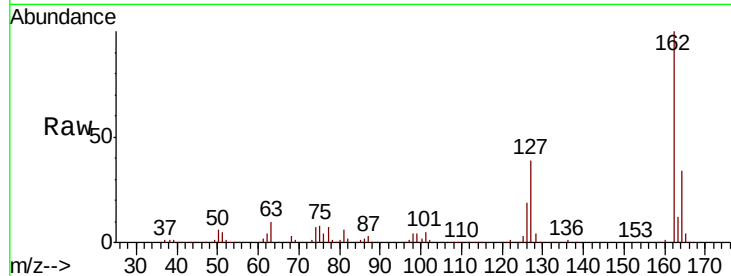




#47
 2-Chloronaphthalene
 Concen: 42.076 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

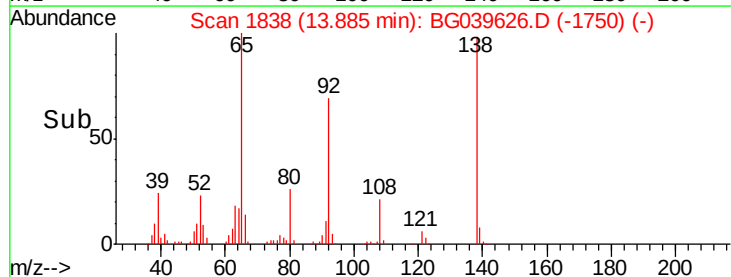
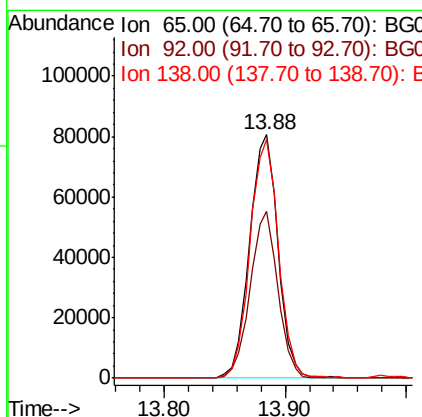
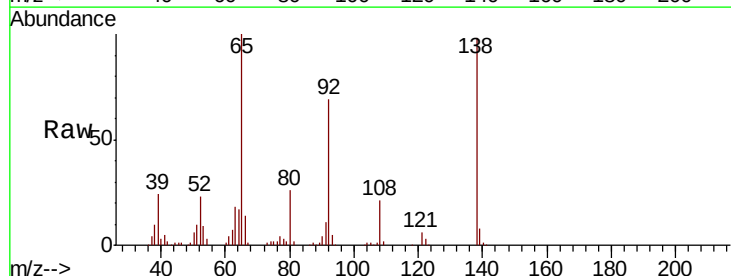
Instrument :
 BNA_G
 ClientSampleId :

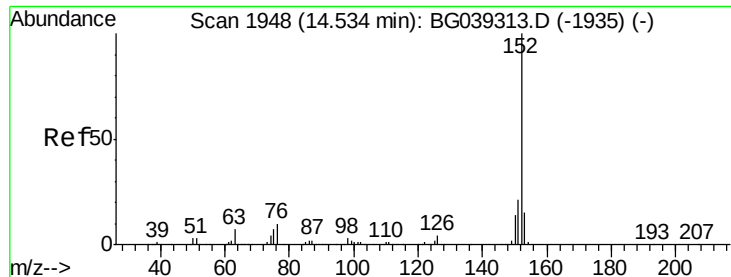
Tot Ion:162 Resp: 386438
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.0 46.6
 164 33.8 25.7 38.5



#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

ClientSampled :

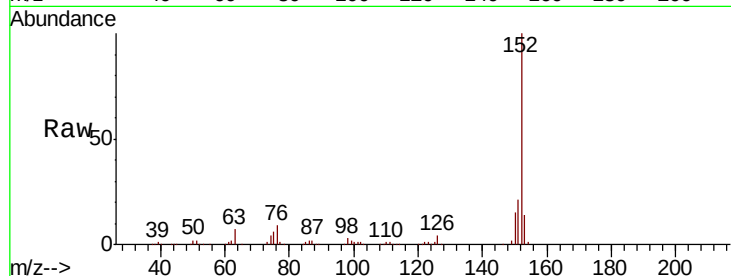
Tot Ion:152 Resp: 626114

Ion Ratio Lower Upper

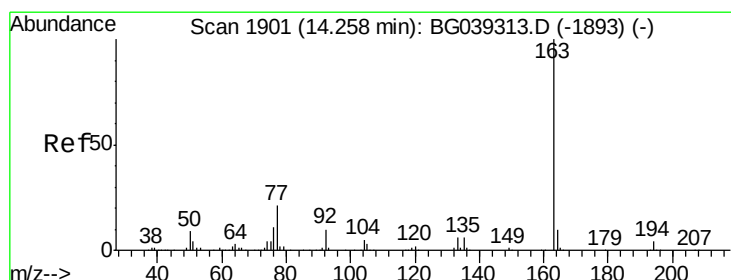
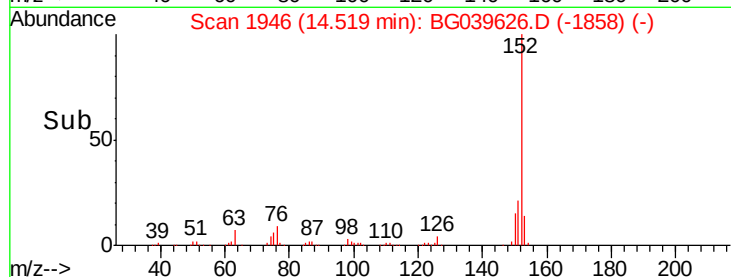
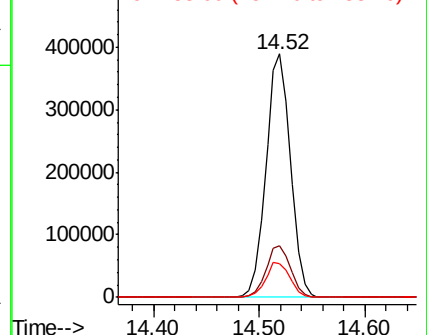
152 100

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

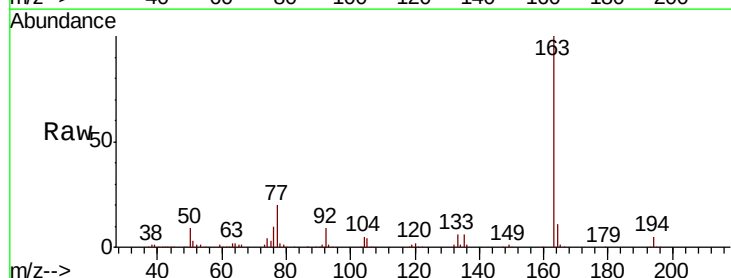
Tgt Ion:163 Resp: 514216

Ion Ratio Lower Upper

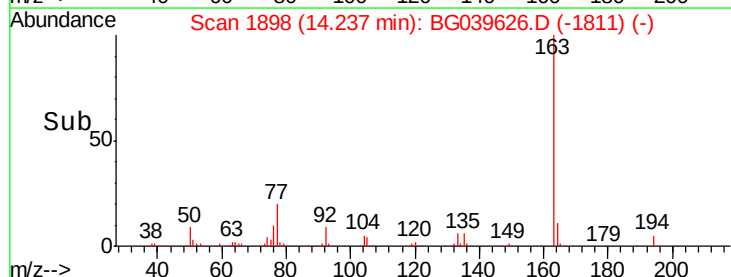
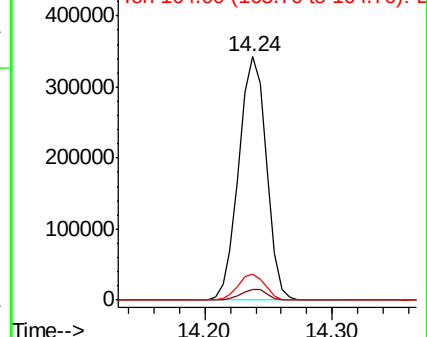
163 100

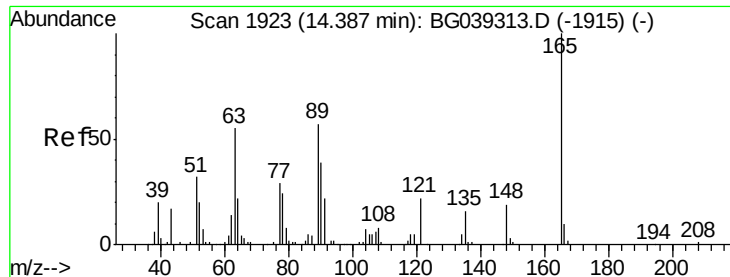
194 4.5 3.6 5.4

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

ClientSampled :

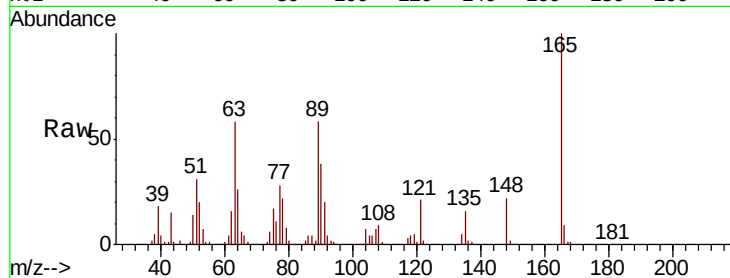
Tot Ion:165 Resp: 116055

Ion Ratio Lower Upper

165 100

63 57.7 47.0 70.6

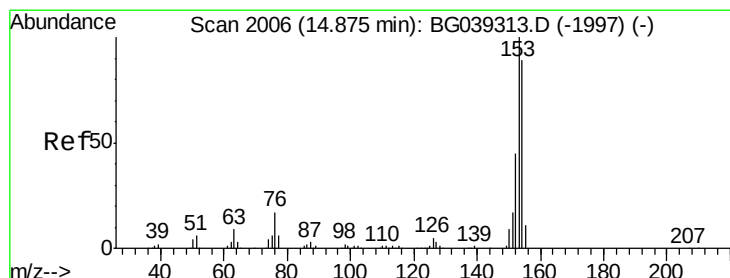
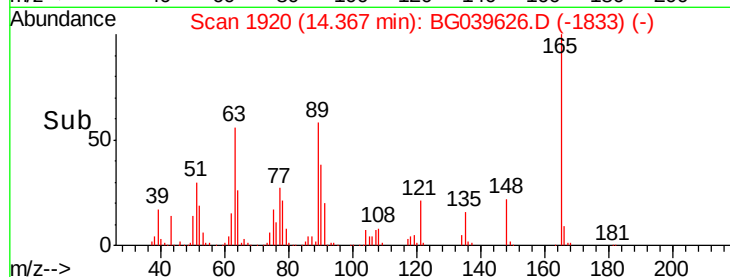
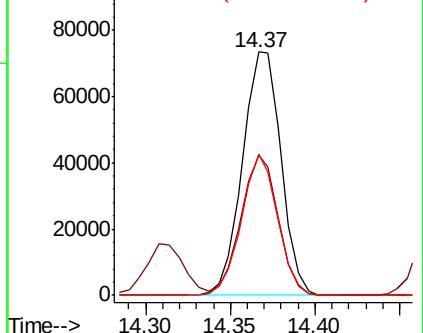
89 58.0 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 89.00 (88.70 to 89.70): B



#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

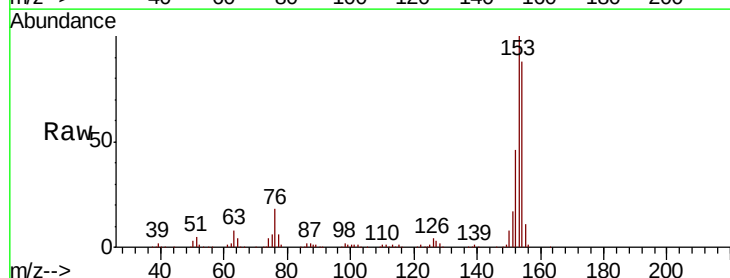
Tgt Ion:154 Resp: 380612

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

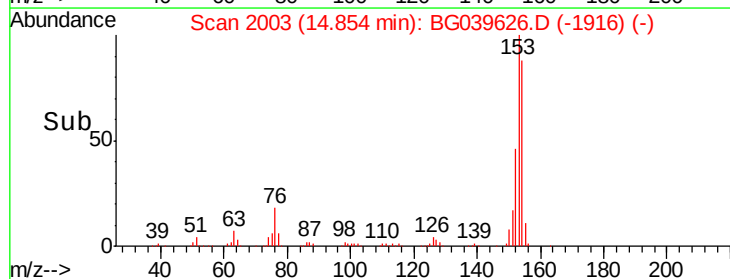
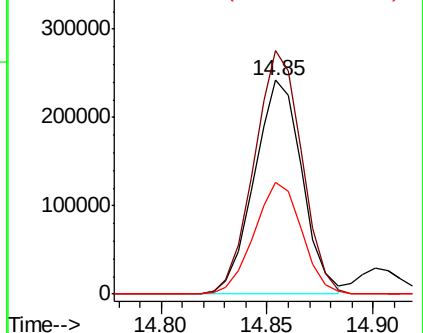
152 52.5 40.9 61.3

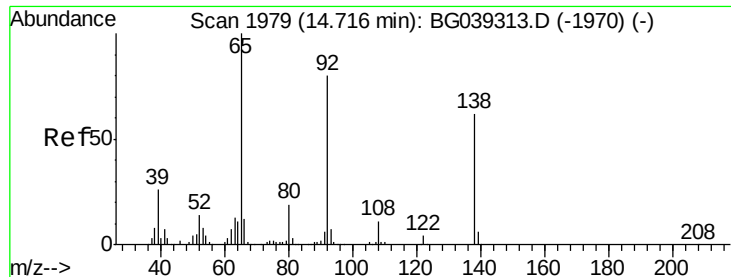


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

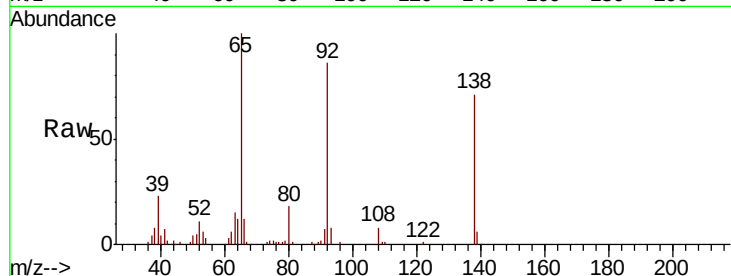




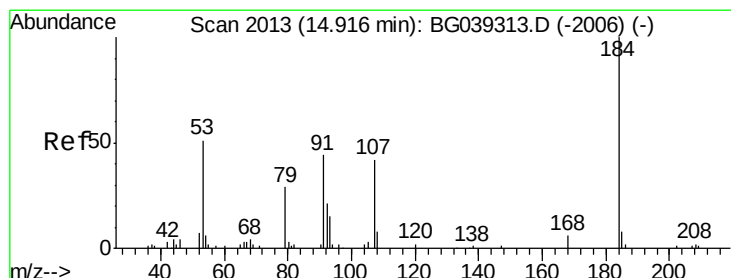
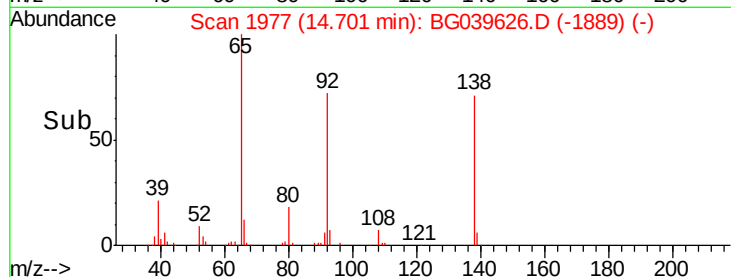
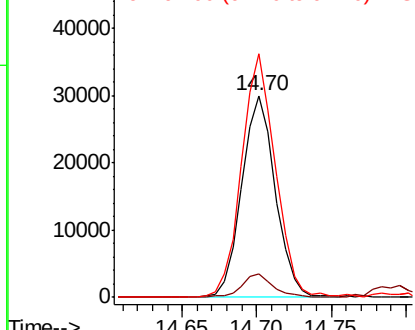
#53
3-Nitroaniline
Concen: 22.889 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampled :

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

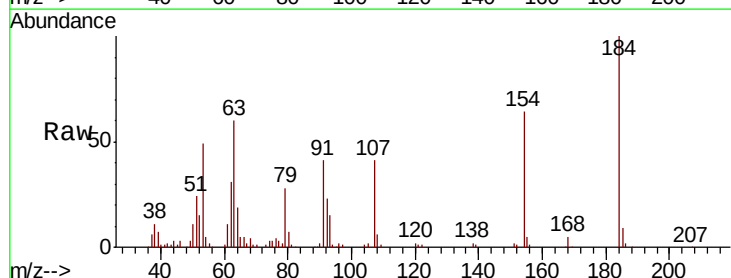


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

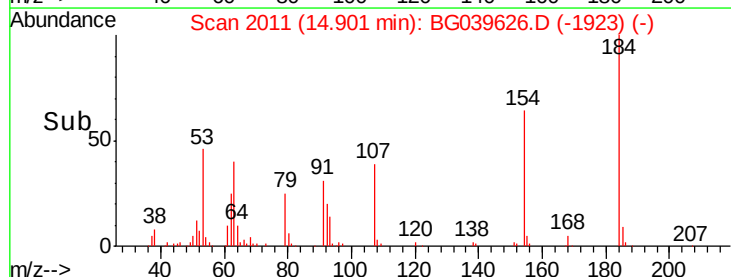
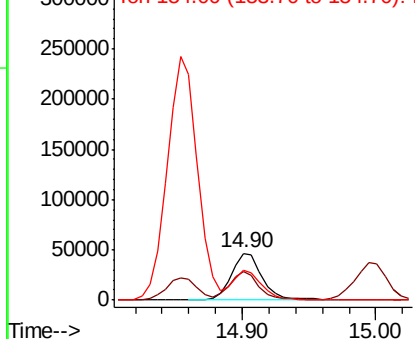


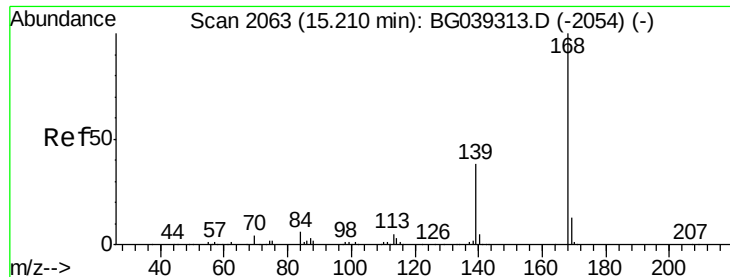
#54
2,4-Dinitrophenol
Concen: 78.237 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

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 :

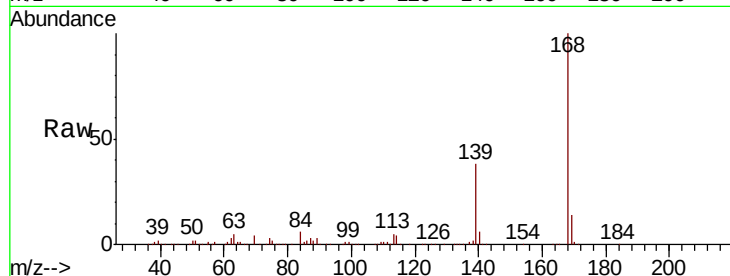
Tot Ion:168 Resp: 623454

Ion Ratio Lower Upper

168 100

139 37.5 30.1 45.1

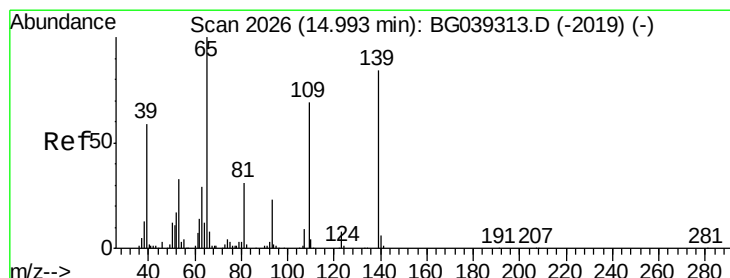
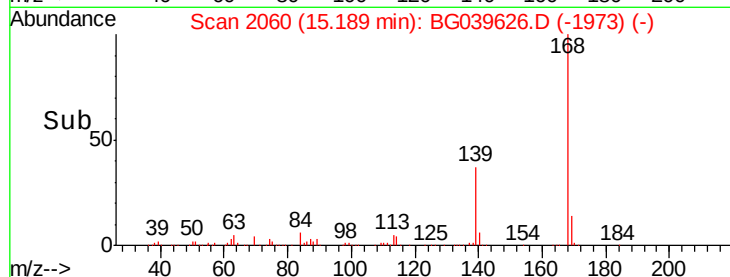
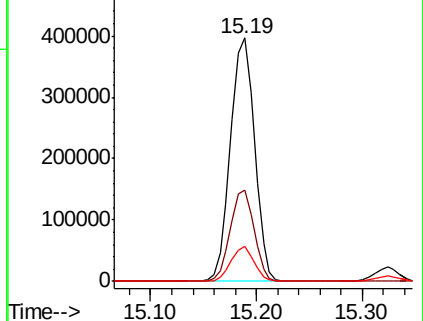
169 14.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 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

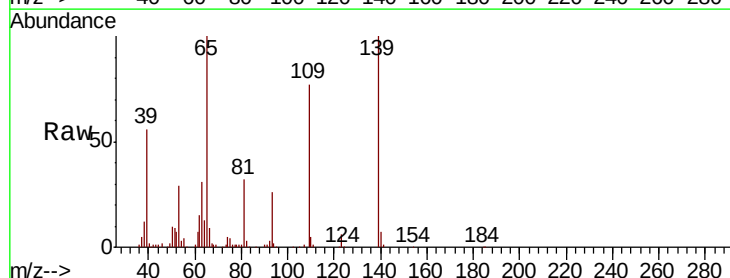
Tgt Ion:139 Resp: 204042

Ion Ratio Lower Upper

139 100

109 76.7 61.9 101.9

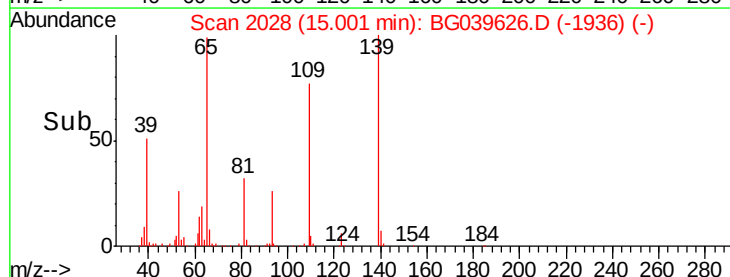
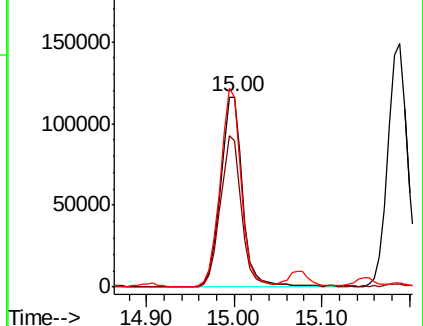
65 99.5 99.1 139.1

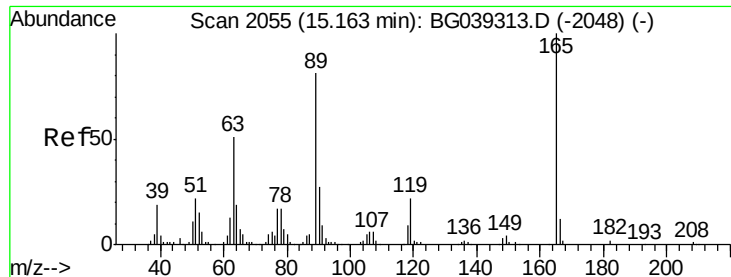


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#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 :

Tot Ion:165 Resp: 164653

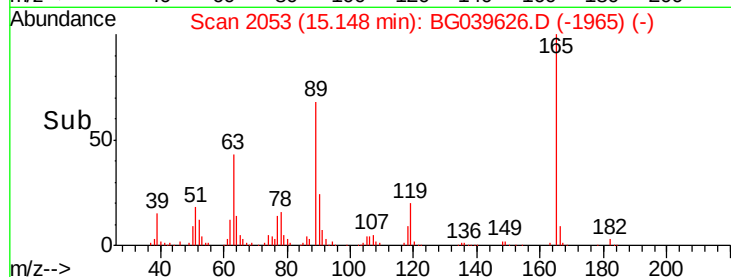
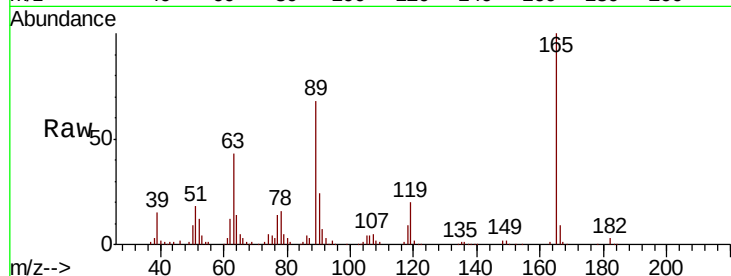
Ion Ratio Lower Upper

165 100

63 43.4 41.0 61.6

89 67.6 64.6 96.8

182 2.8 2.0 3.0

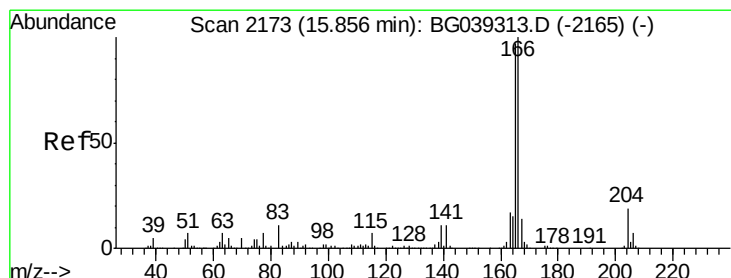
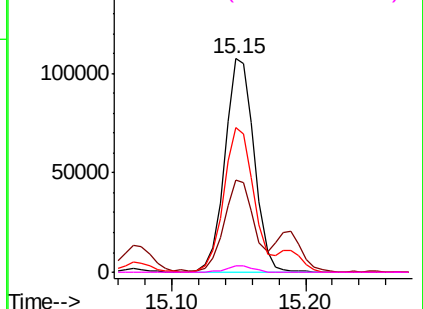


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E



#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

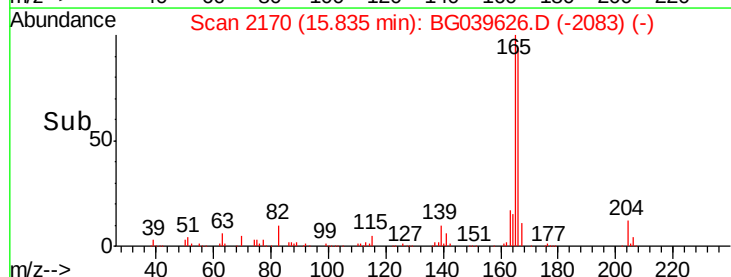
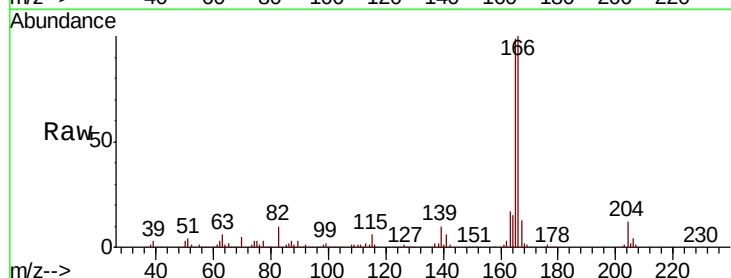
Tgt Ion:166 Resp: 498126

Ion Ratio Lower Upper

166 100

165 99.4 77.9 116.9

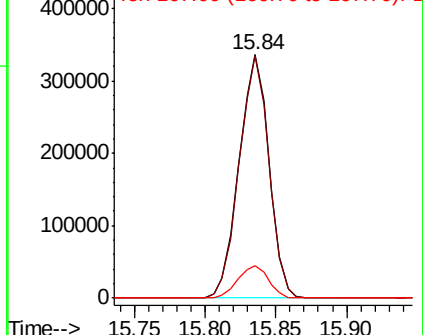
167 13.3 10.8 16.2

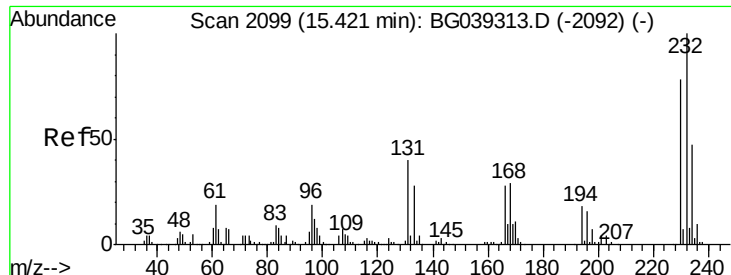


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

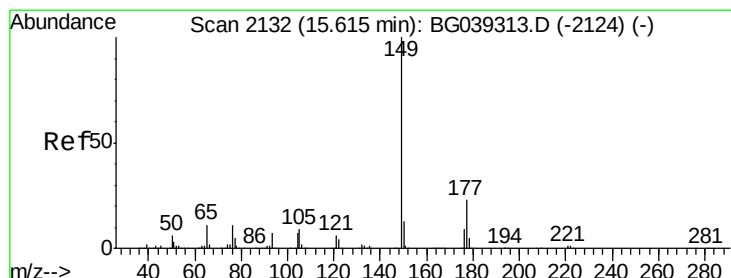
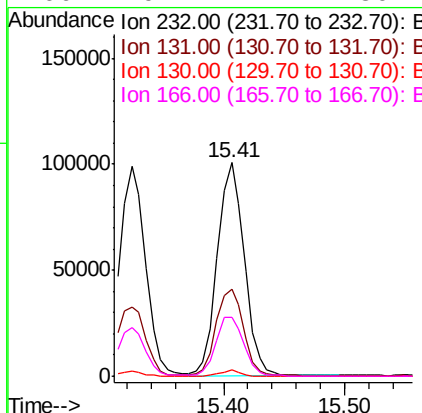
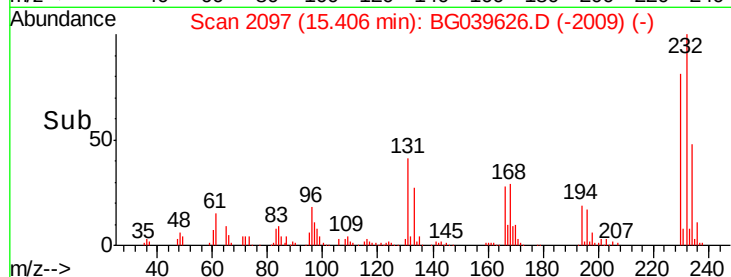
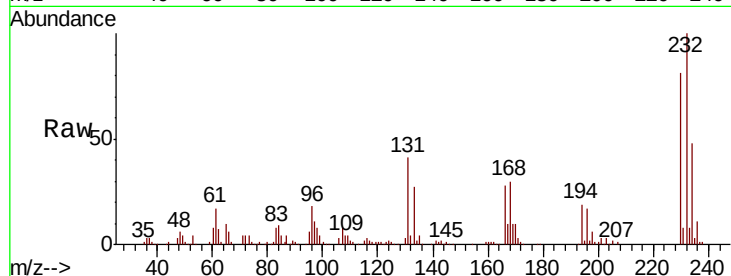




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.055 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

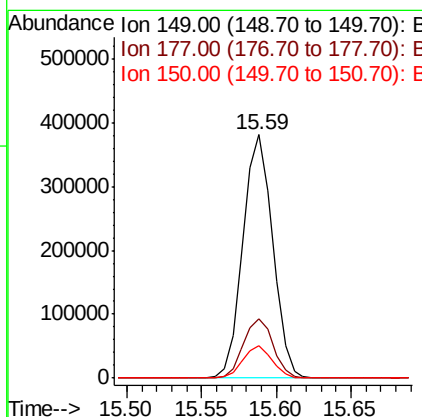
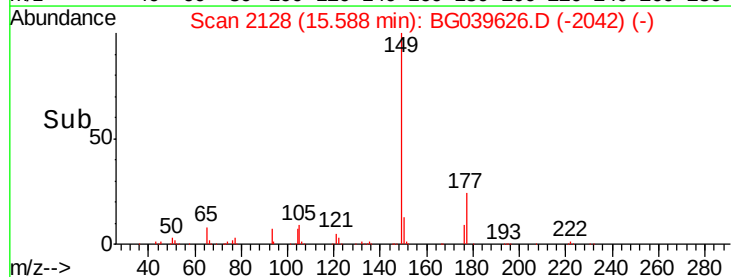
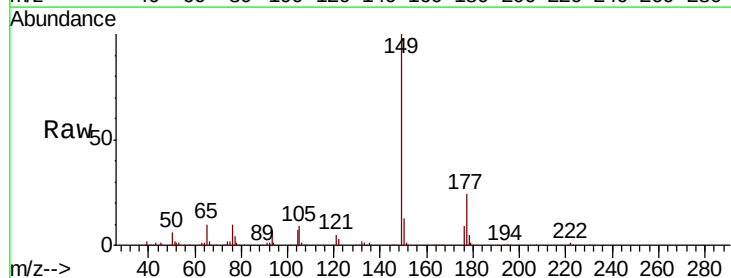
Instrument :
 BNA_G
 ClientSampleId :

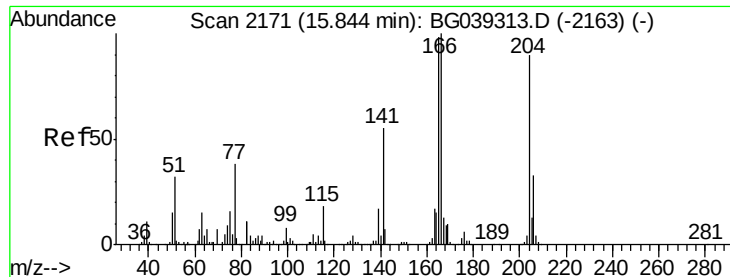
Tot Ion:232	Resp:	155086
Ion Ratio	Lower	Upper
232	100	
131	42.2	34.9 52.3
130	2.3	2.0 3.0
166	29.2	24.1 36.1



#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

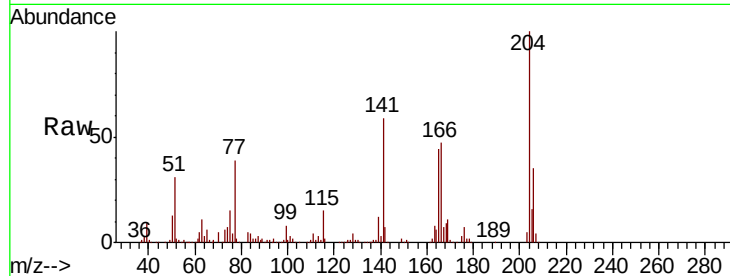




#61
 4-Chlorophenyl-phenylether
 Concen: 42.866 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

Instrument :
 BNA_G
 ClientSampled :

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

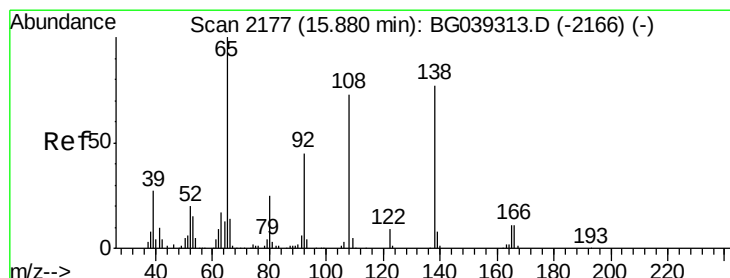
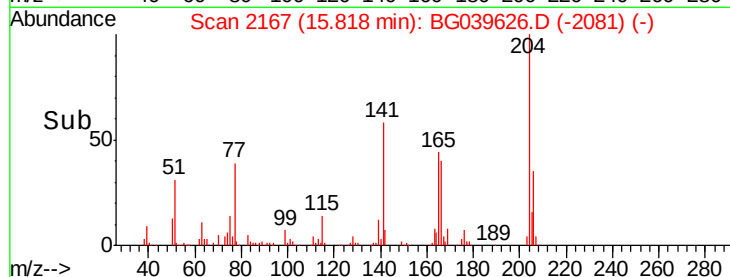
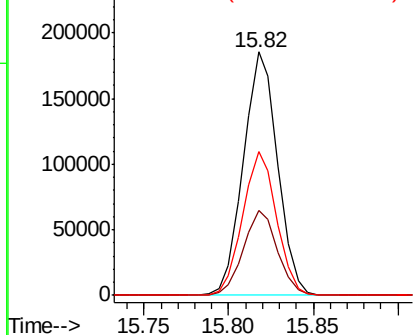


Abundance

Ion 204.00 (203.70 to 204.70): E

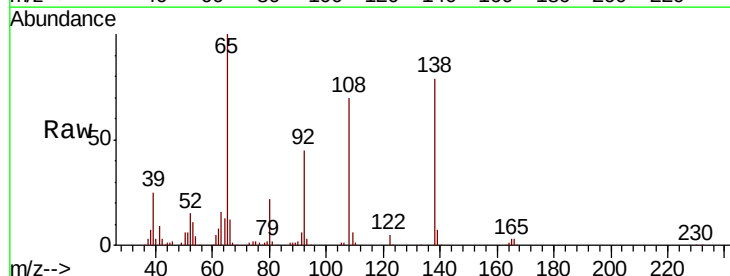
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 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

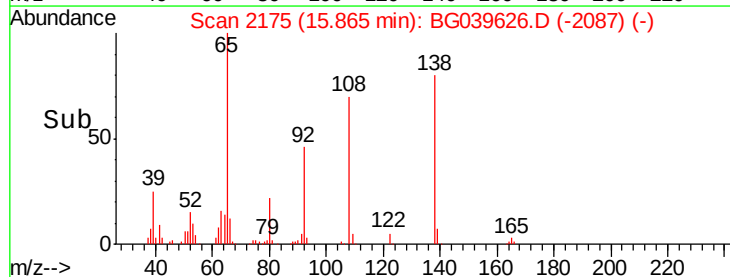
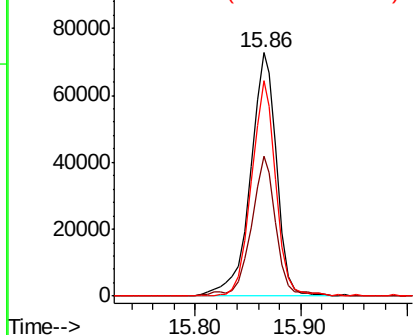


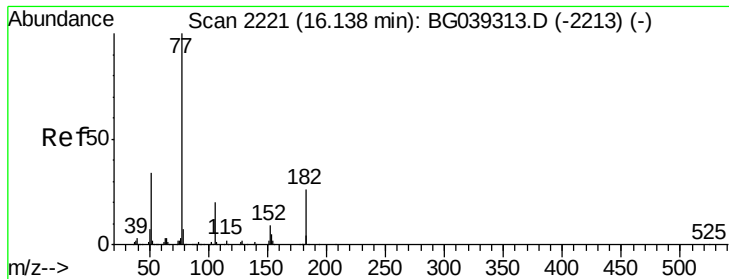
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E

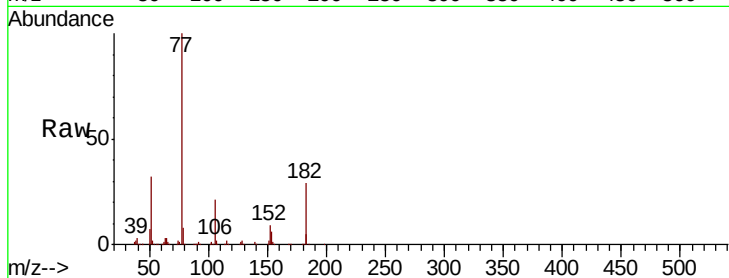




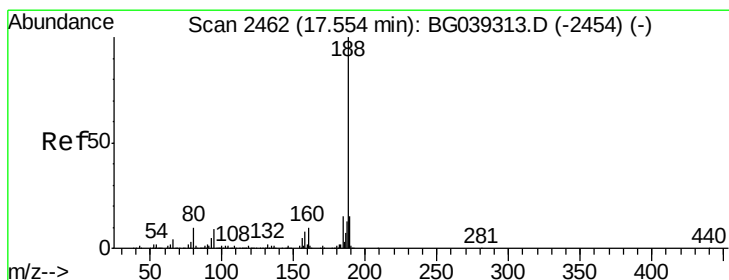
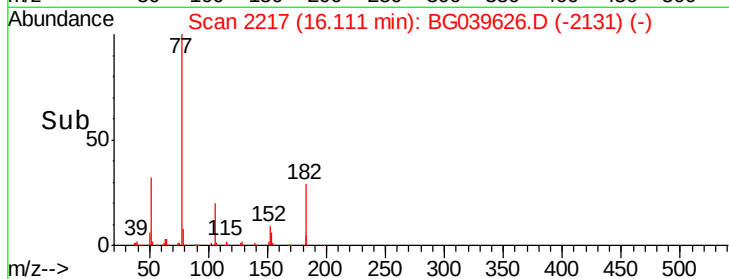
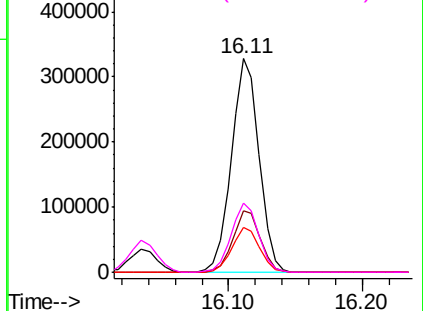
#63
Azobenzene
Concen: 39.363 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :

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

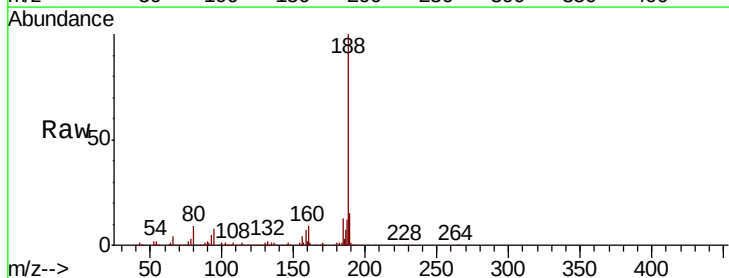


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

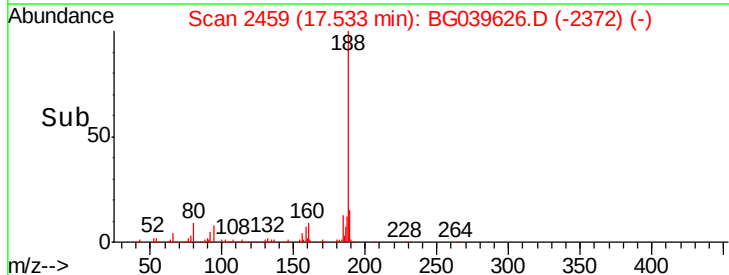
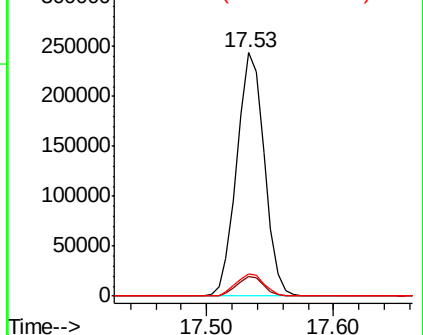


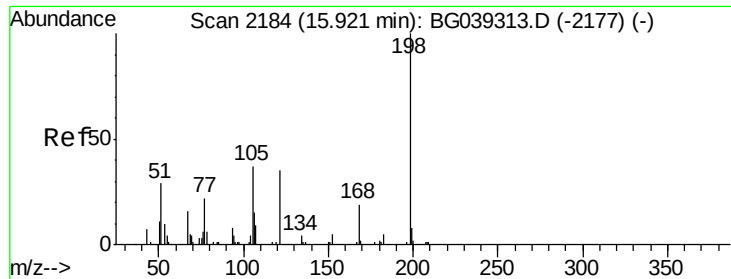
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

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

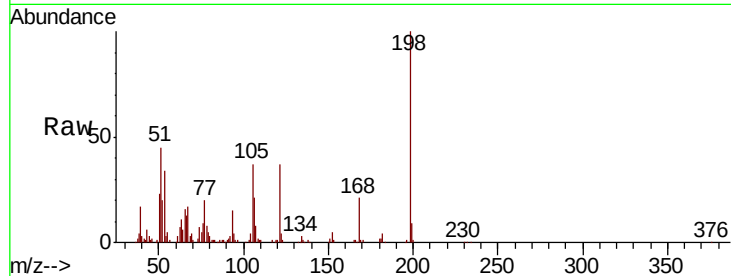
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 75019

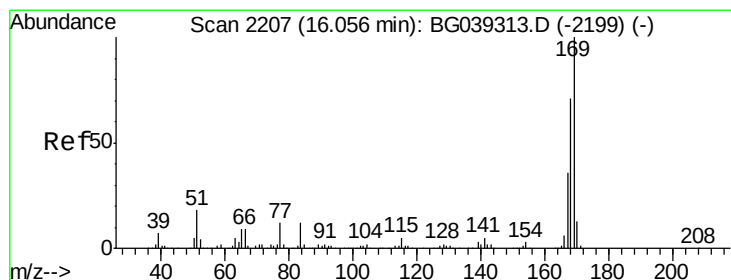
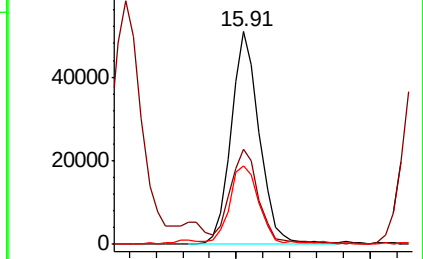
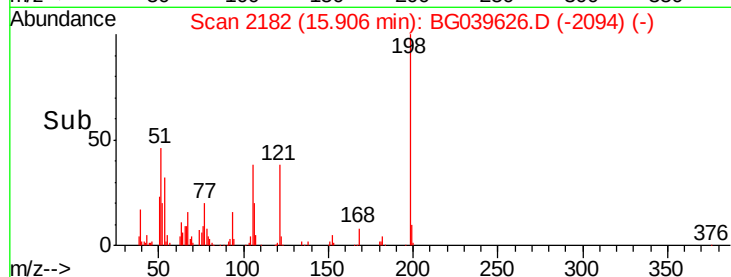
Ion	Ratio	Lower	Upper
198	100		
51	44.7	27.4	67.4
105	36.7	19.7	59.7



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

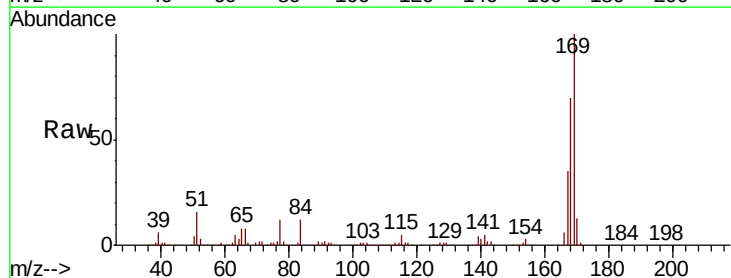
Delta R.T. -0.02 min

Lab File: BG039626.D

Acq: 27 Feb 2019 8:35

Tgt Ion:169 Resp: 458456

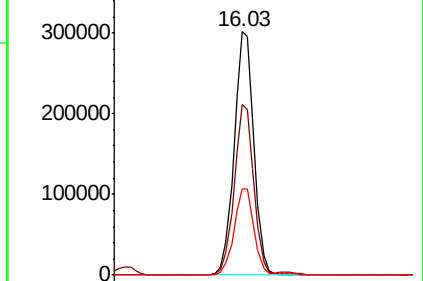
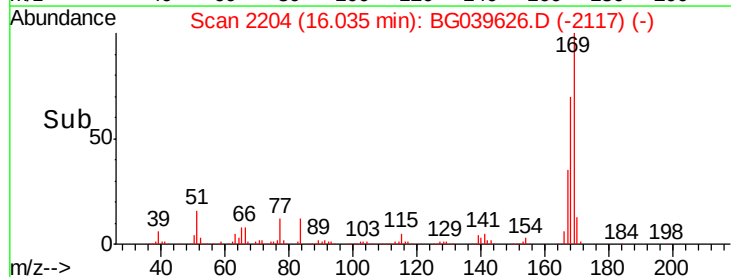
Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	35.5	28.8	43.2

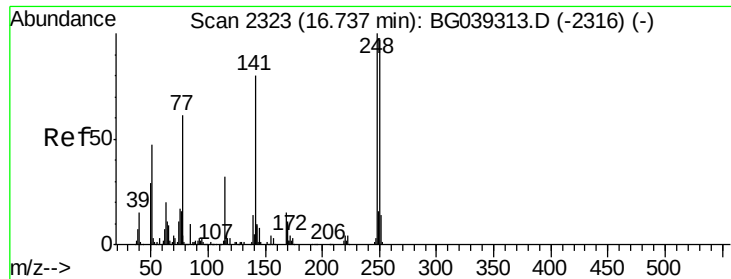


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

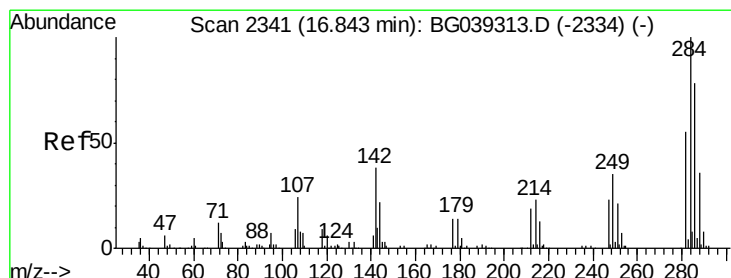
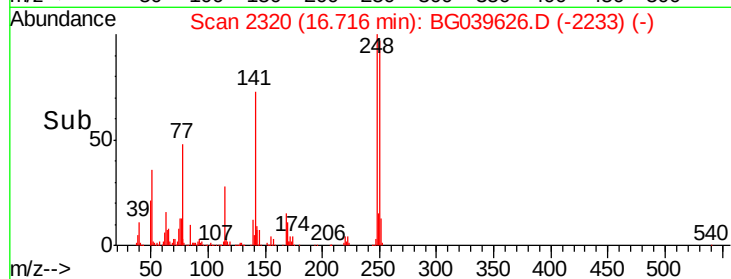
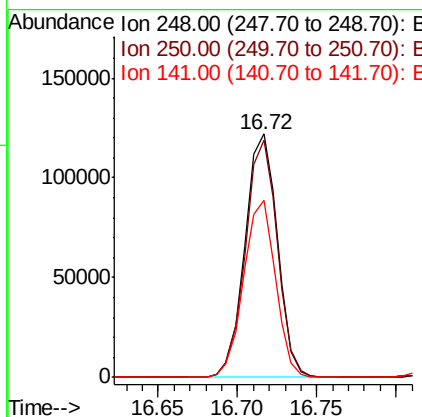
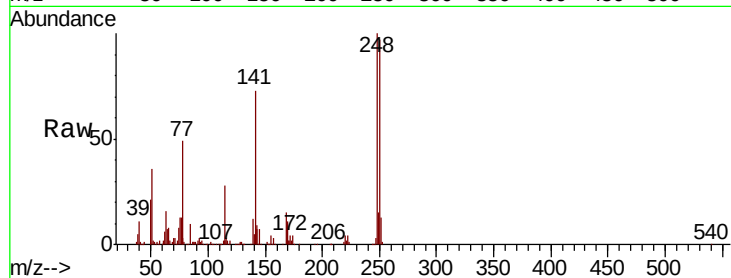




#67
 4-Bromophenyl-phenylether
 Concen: 42.599 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039626.D
 Acq: 27 Feb 2019 8:35

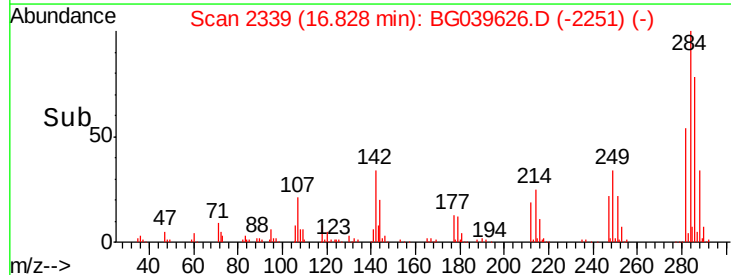
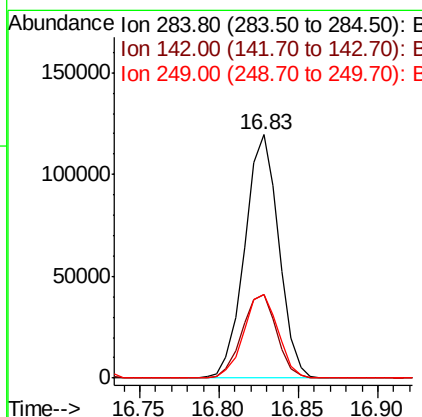
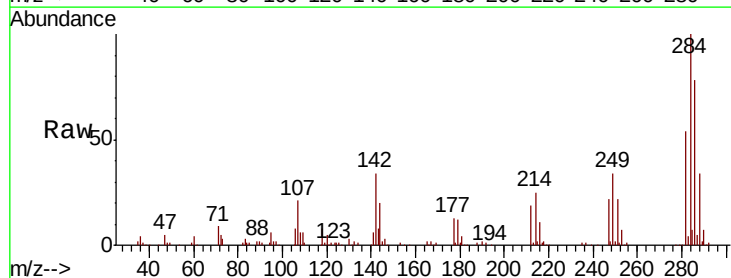
Instrument :
 BNA_G
 ClientSampleId :

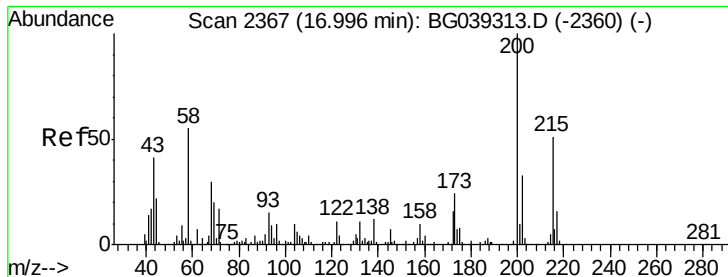
Tot Ion:248 Resp: 173050
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.6 116.4
 141 72.8 63.9 95.9



#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





#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 :

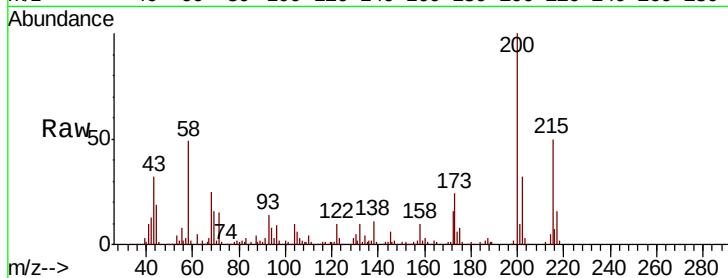
Tot Ion:200 Resp: 174315

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

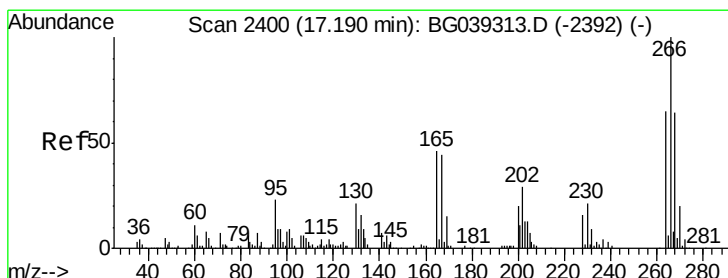
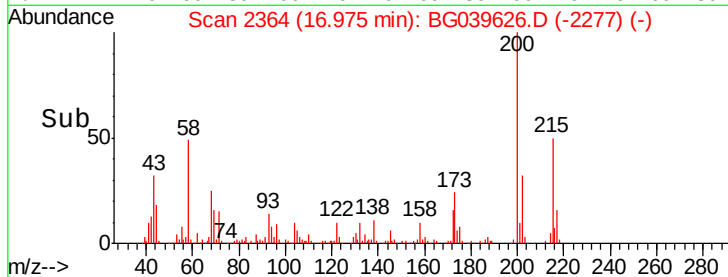
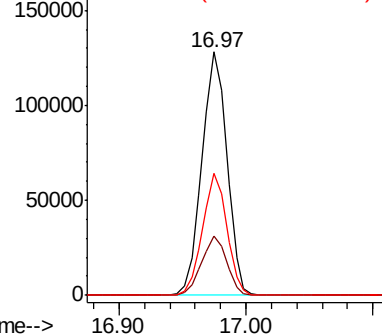
215 50.1 30.9 70.9



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

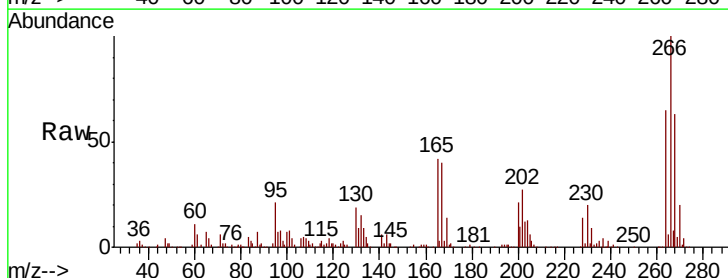
Tgt Ion:266 Resp: 206739

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

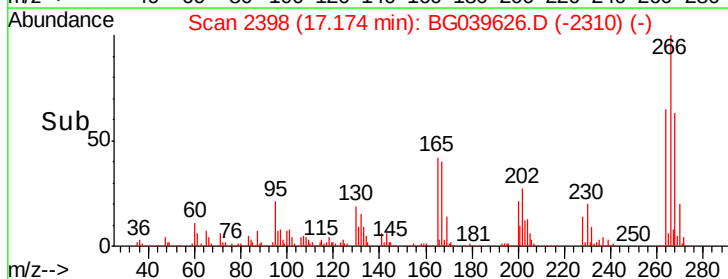
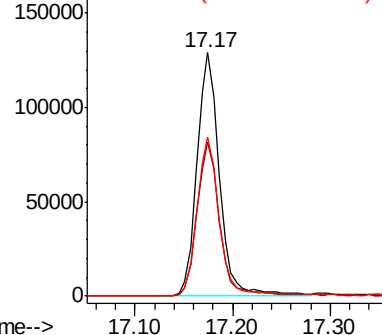
264 65.3 52.1 78.1

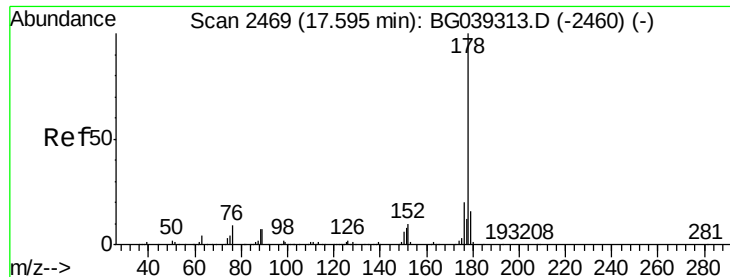


Abundance Ion 265.70 (265.40 to 266.40): E

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 :

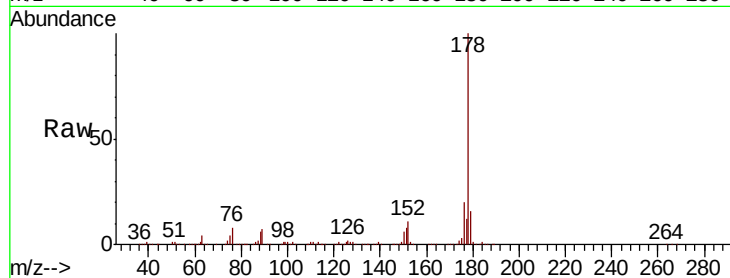
Tot Ion:178 Resp: 850705

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

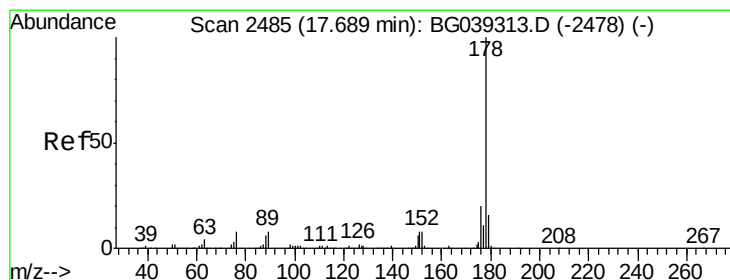
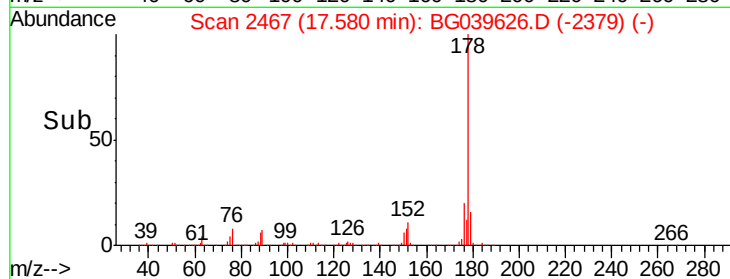
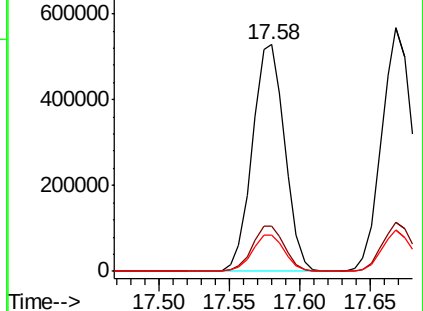
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 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

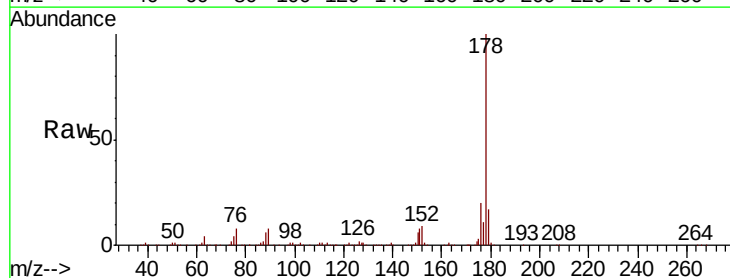
Tgt Ion:178 Resp: 860915

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.6

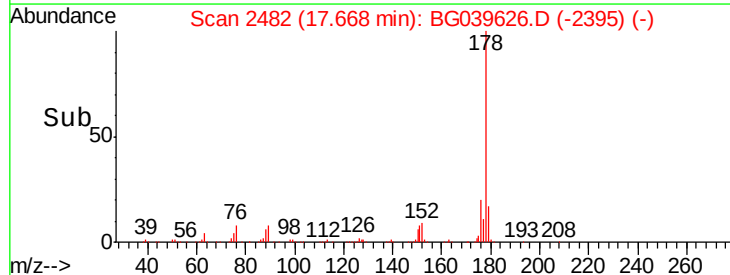
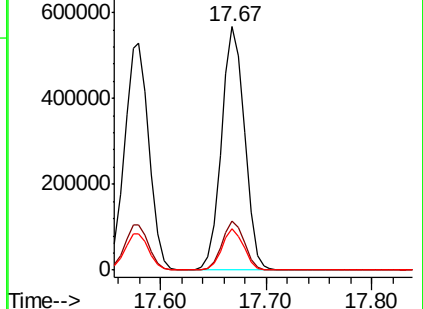
179 17.0 12.5 18.7

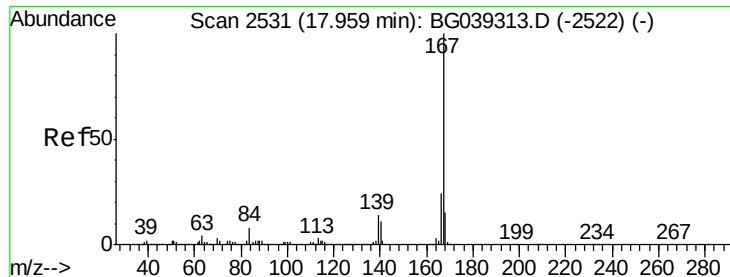


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 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

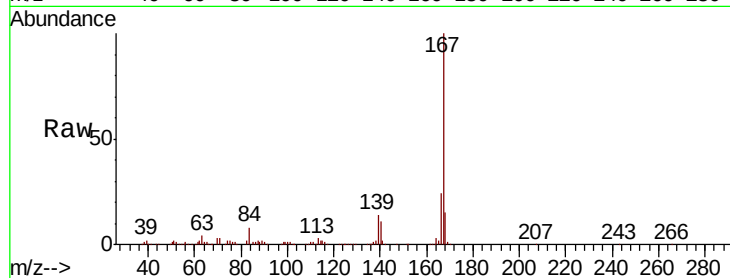
Instrument :

BNA_G

ClientSampleId :

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

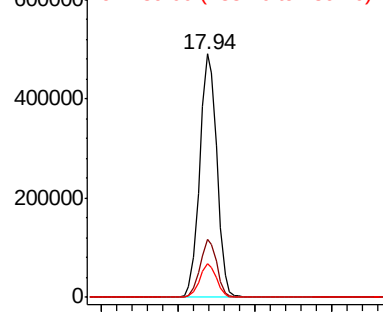


Abundance

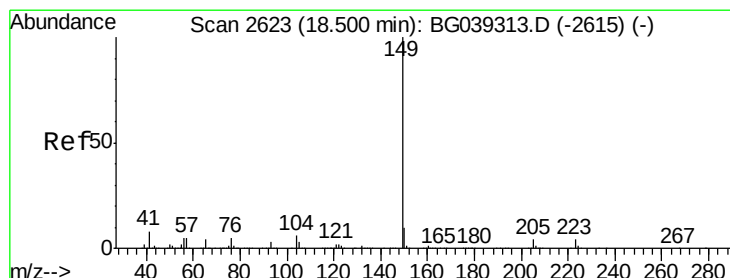
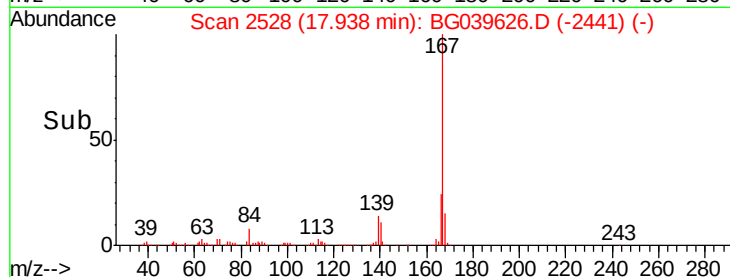
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 42.316 ng

RT: 18.47 min Scan# 2618

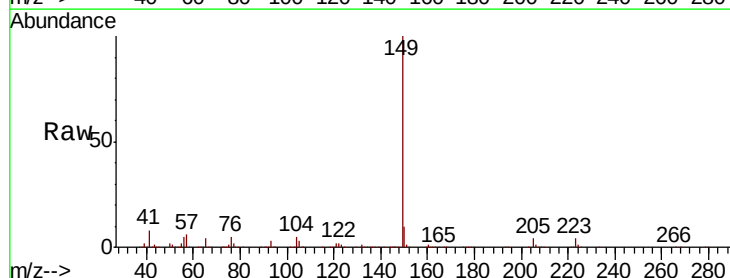
Delta R.T. -0.03 min

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

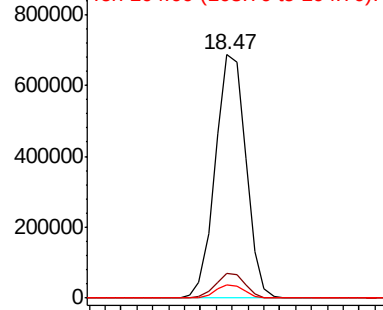


Abundance

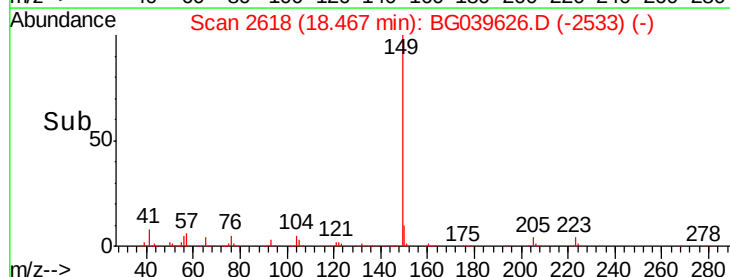
Ion 149.00 (148.70 to 149.70): E

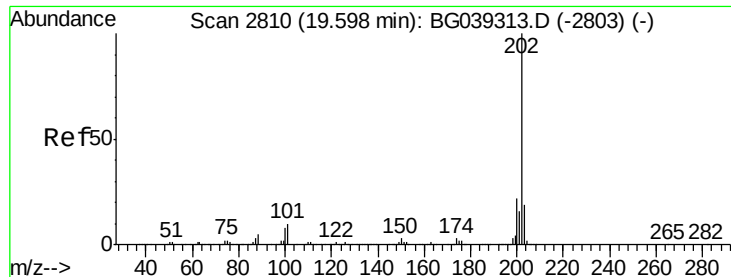
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#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

ClientSampled :

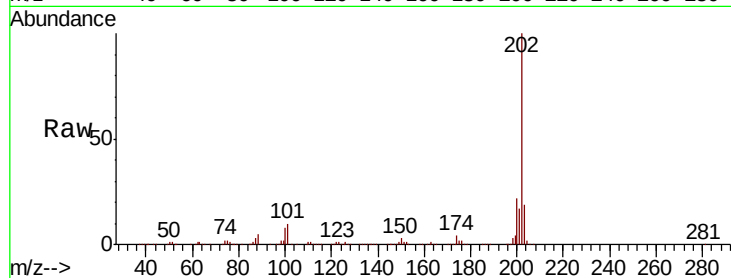
Tot Ion:202 Resp: 1026485

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

203 19.4 0.0 38.9

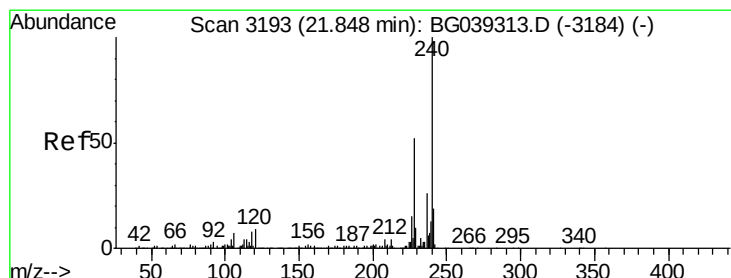
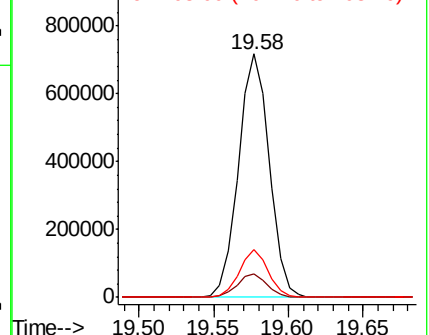
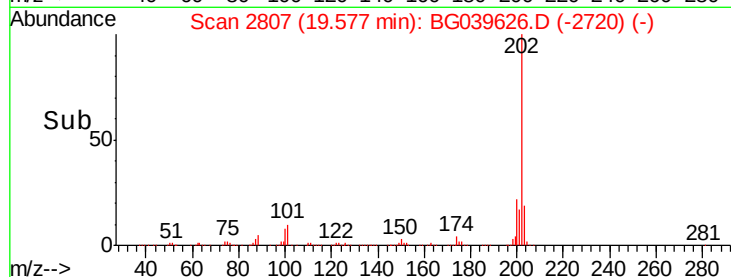


Abundance

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



#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

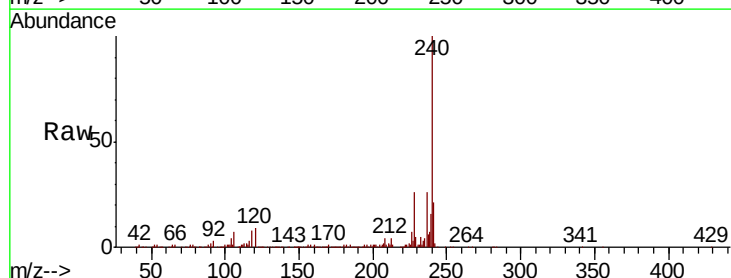
Tgt Ion:240 Resp: 369968

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

236 25.9 21.0 31.4

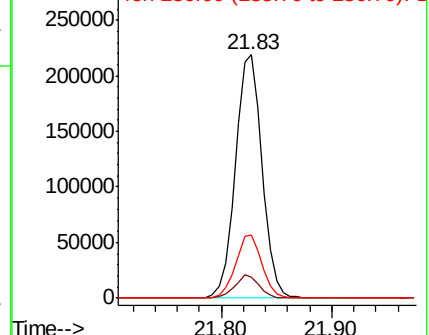
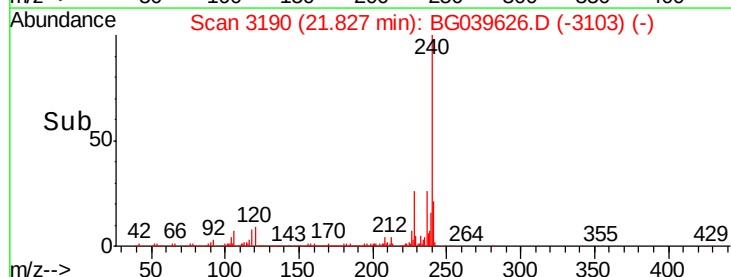


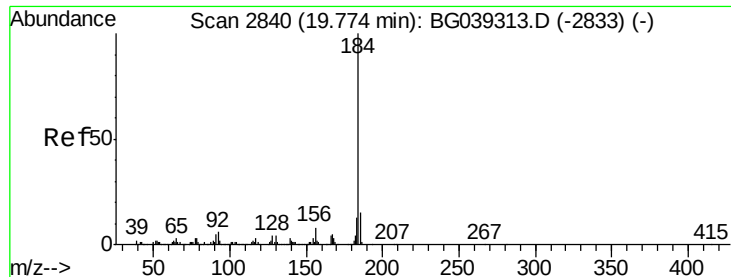
Abundance

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





#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

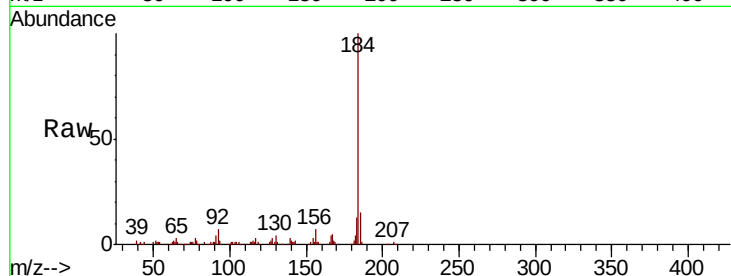
Instrument :

BNA_G

ClientSampleId :

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

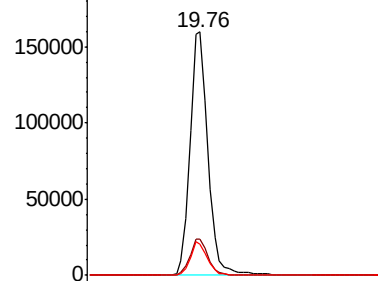


Abundance

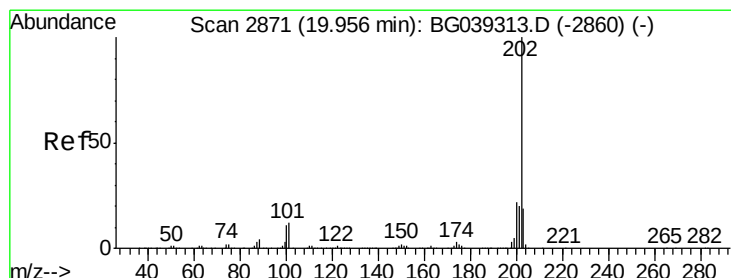
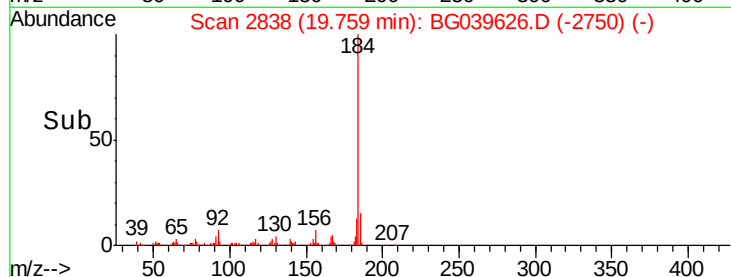
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.579 ng

RT: 19.94 min Scan# 2869

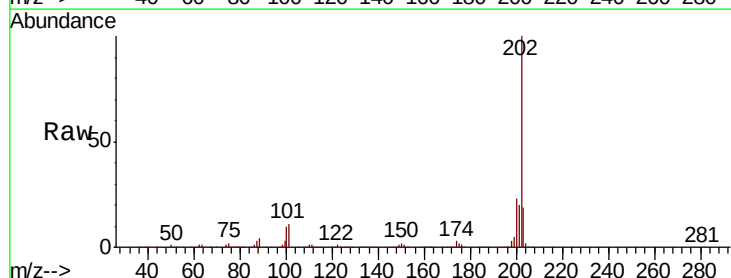
Delta R.T. -0.02 min

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

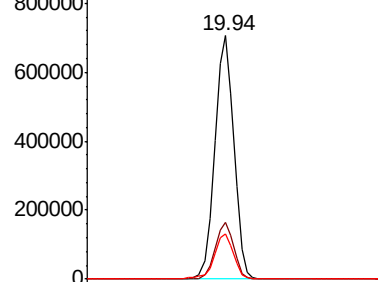


Abundance

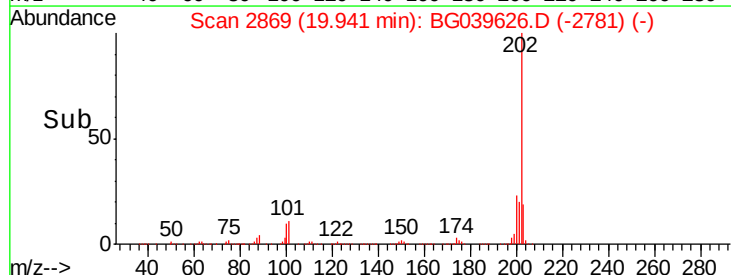
Ion 202.00 (201.70 to 202.70): E

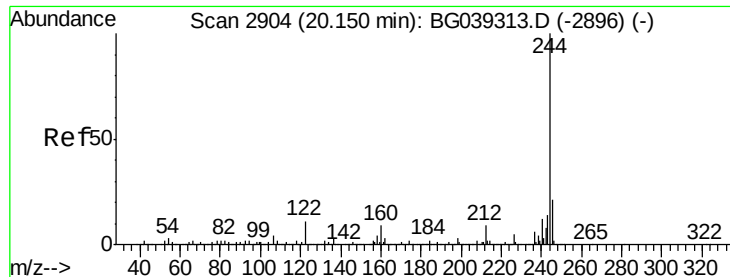
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#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 :

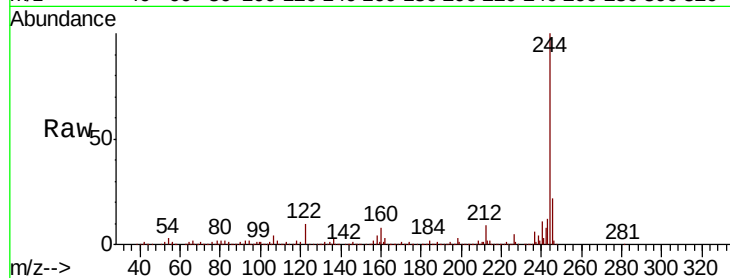
Tot Ion:244 Resp: 1293185

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

122 10.1 8.4 12.6

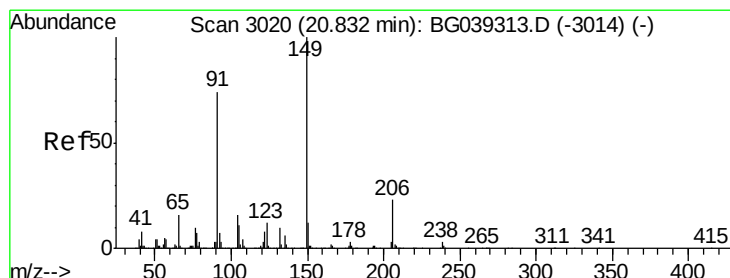
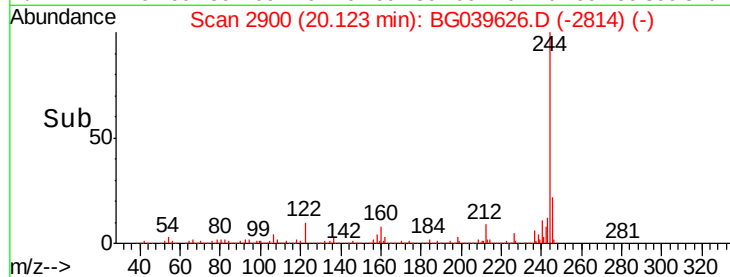
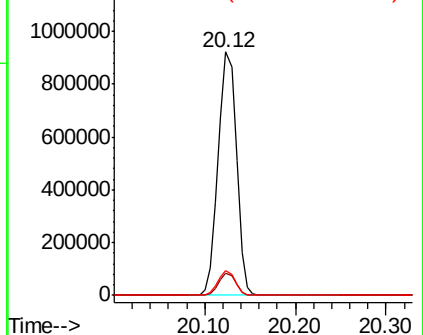


Abundance

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

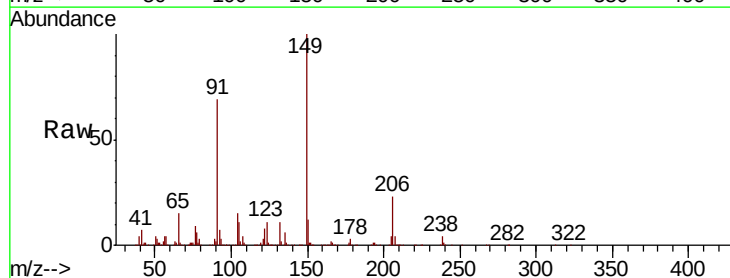
Tgt Ion:149 Resp: 437077

Ion Ratio Lower Upper

149 100

91 69.2 59.5 89.3

206 23.3 18.6 27.8

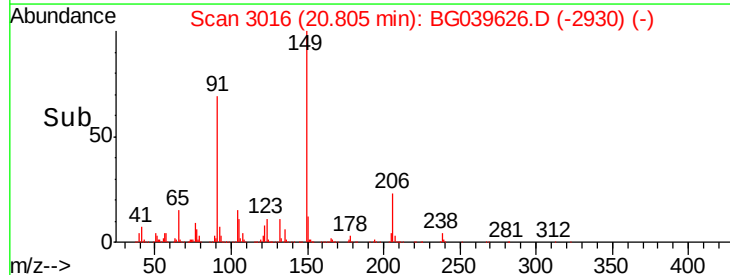
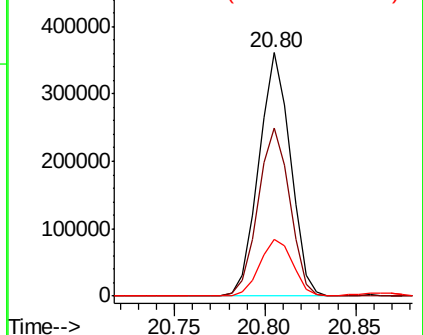


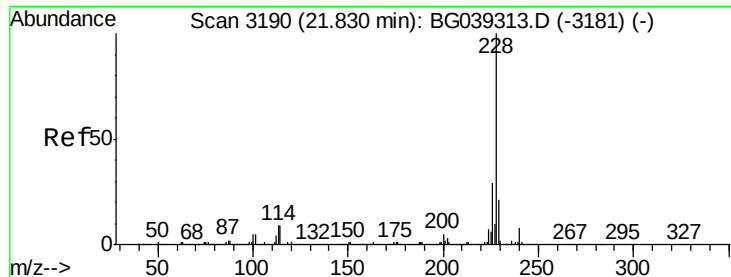
Abundance

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 :

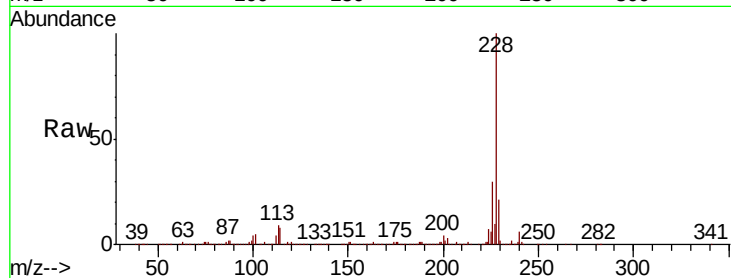
Tot Ion:228 Resp: 1006073

Ion Ratio Lower Upper

228 100

226 29.7 23.0 34.6

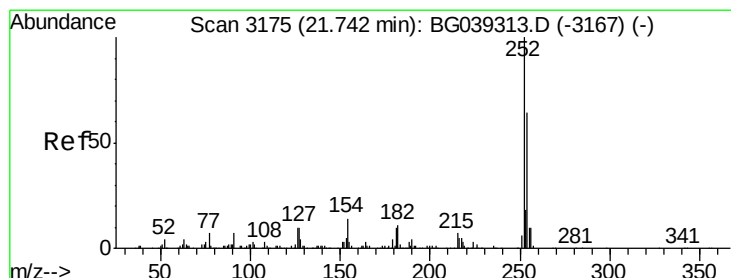
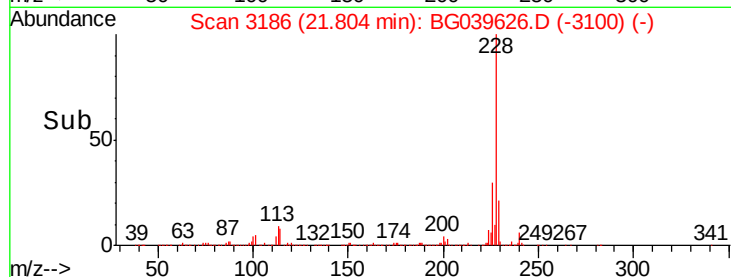
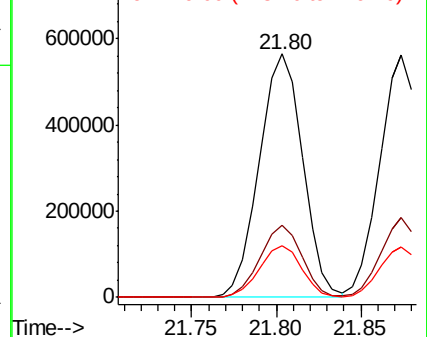
229 21.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 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

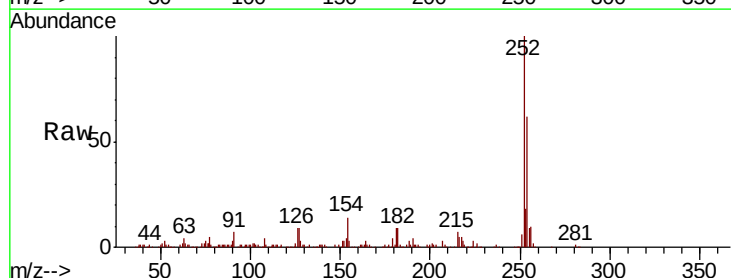
Tgt Ion:252 Resp: 164533

Ion Ratio Lower Upper

252 100

254 62.2 51.3 76.9

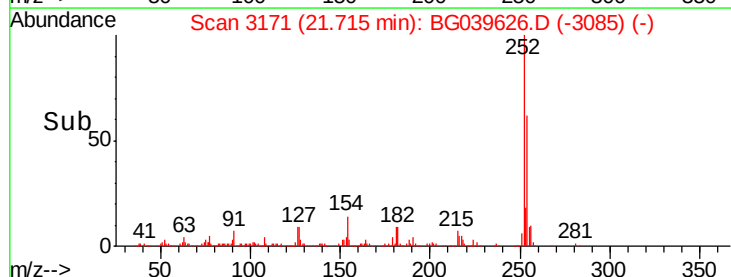
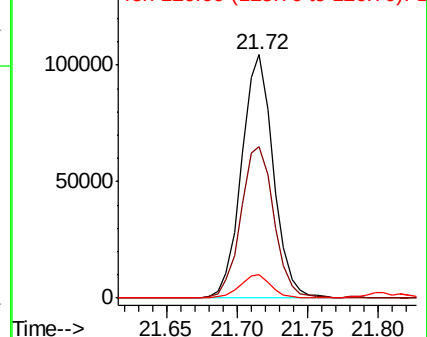
126 9.5 8.0 12.0

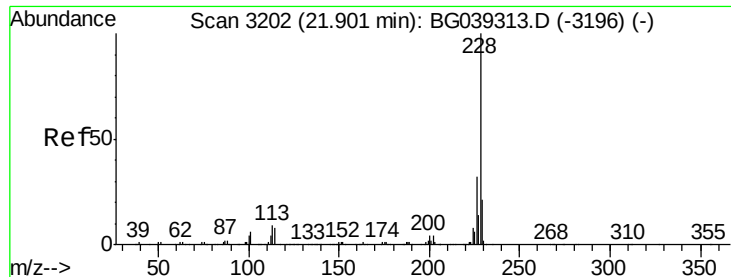


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 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 :

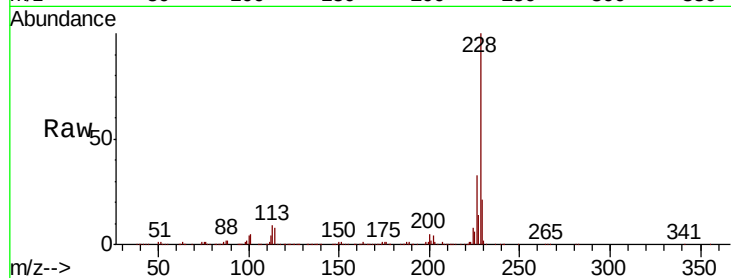
Tot Ion:228 Resp: 939111

Ion Ratio Lower Upper

228 100

226 32.7 25.8 38.6

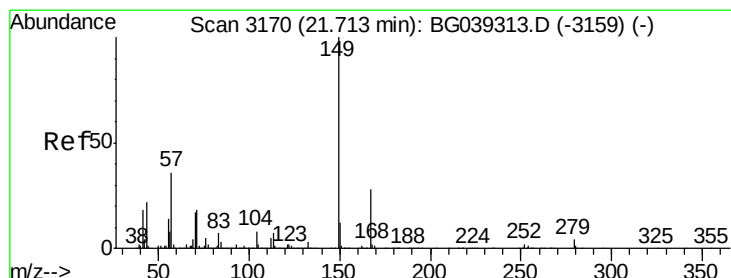
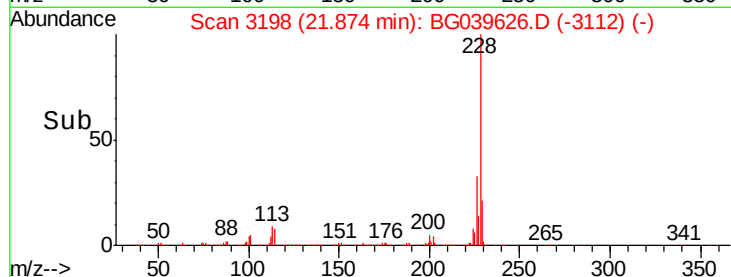
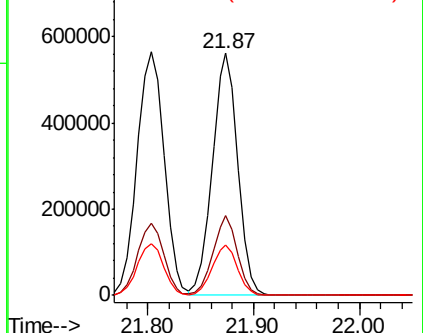
229 20.7 16.6 25.0



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

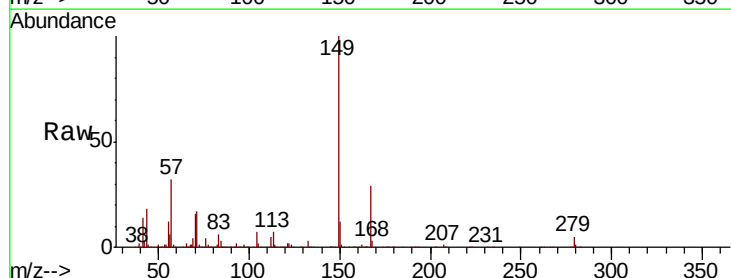
Tgt Ion:149 Resp: 608321

Ion Ratio Lower Upper

149 100

167 28.7 22.6 34.0

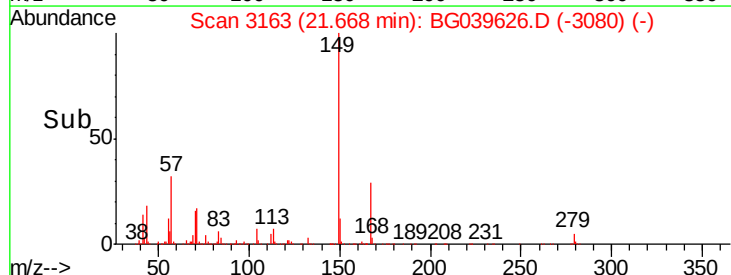
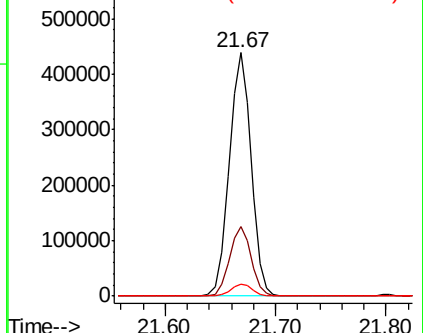
279 5.0 3.5 5.3

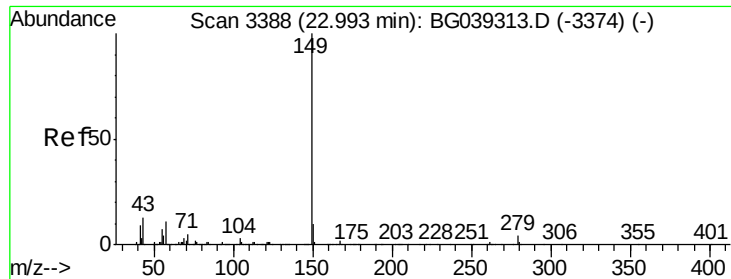


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

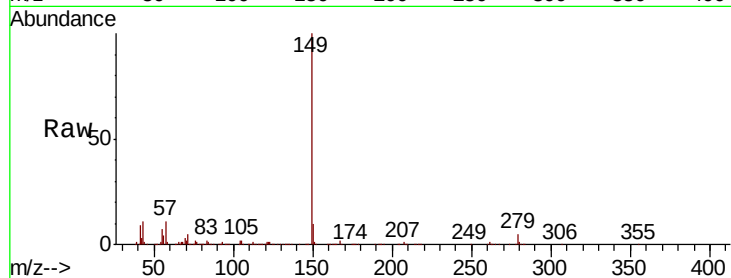




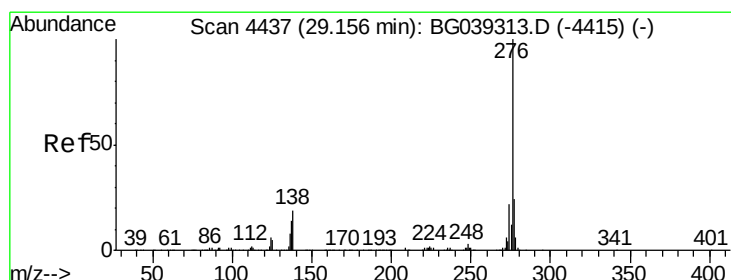
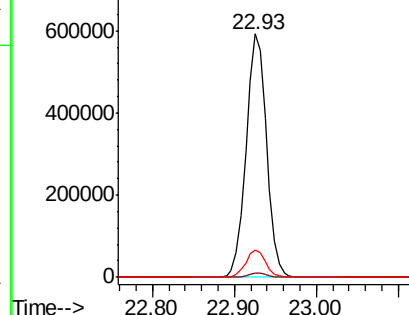
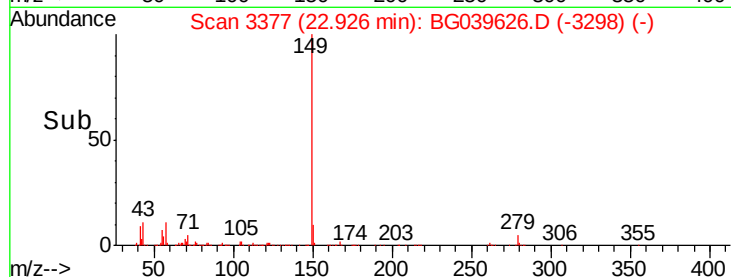
#85
Di-n-octyl phthalate
Concen: 44.890 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.07 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

Instrument :
BNA_G
ClientSampleId :

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

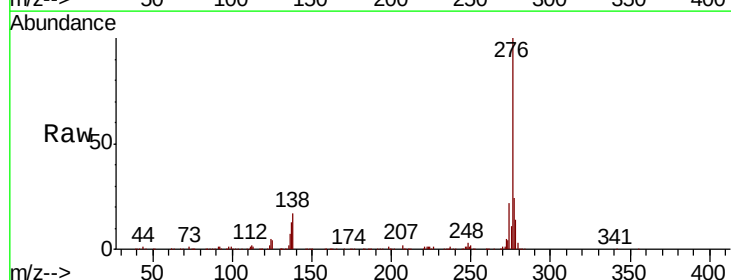


Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

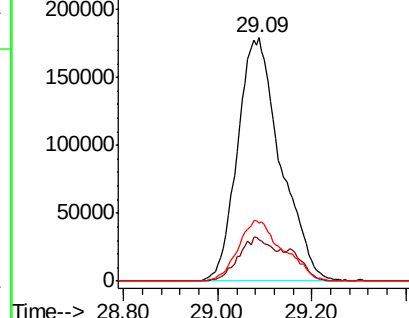
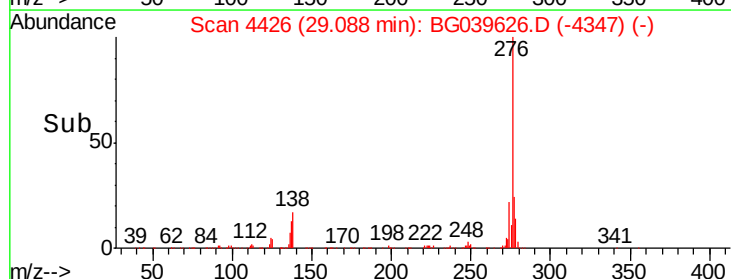


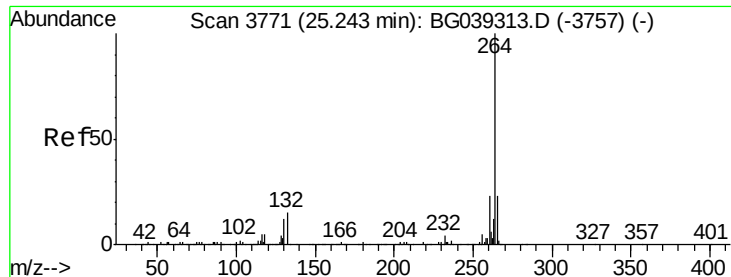
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.868 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

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

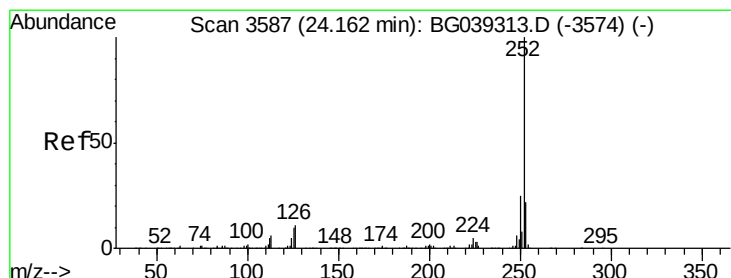
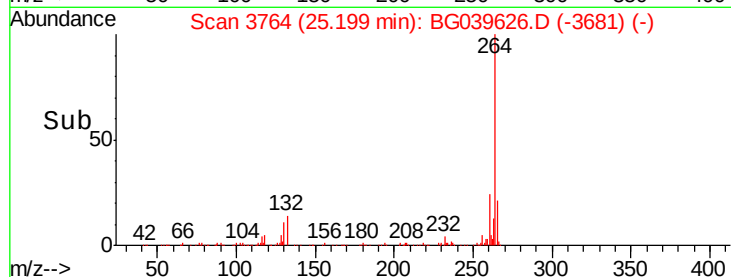
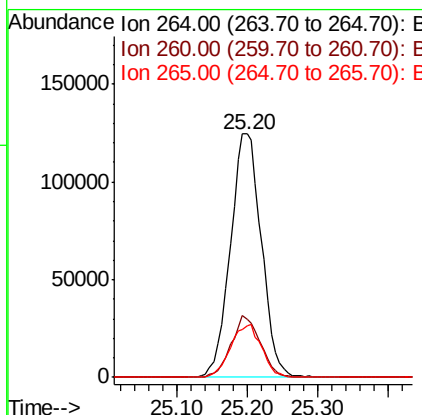
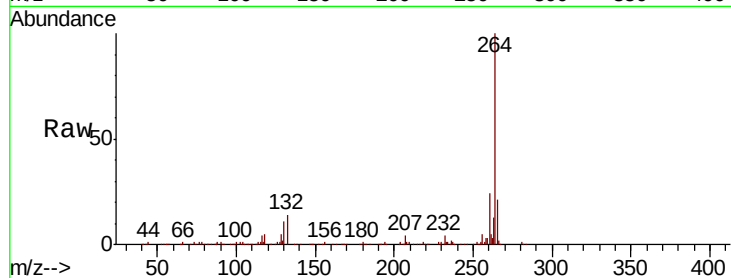




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

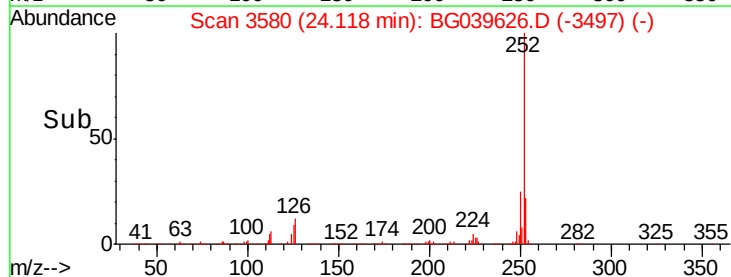
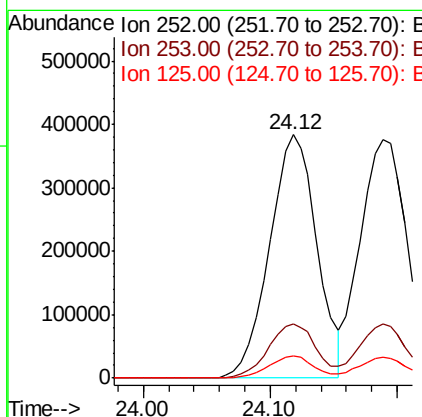
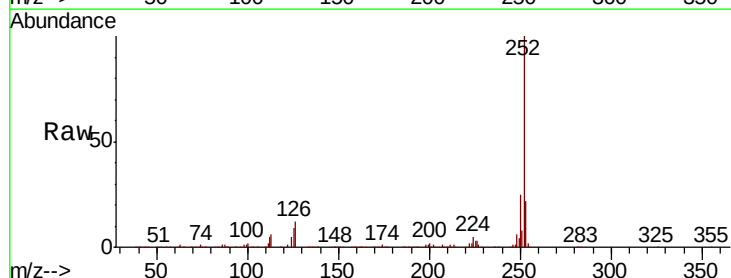
Instrument :
BNA_G
ClientSampleId :

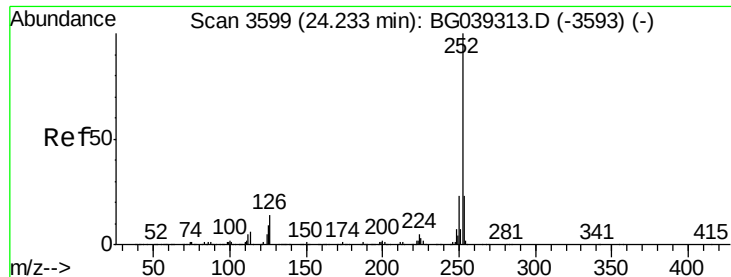
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.3	18.5	27.7



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

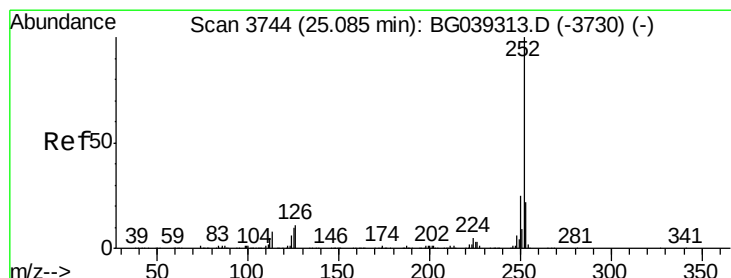
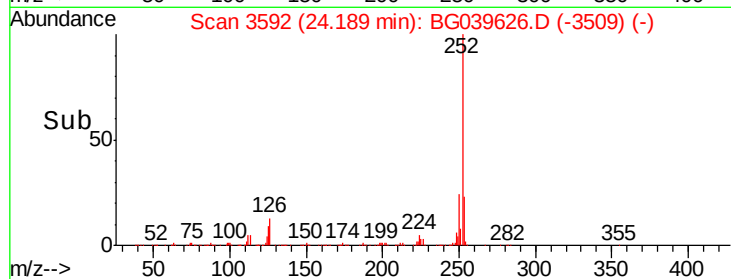
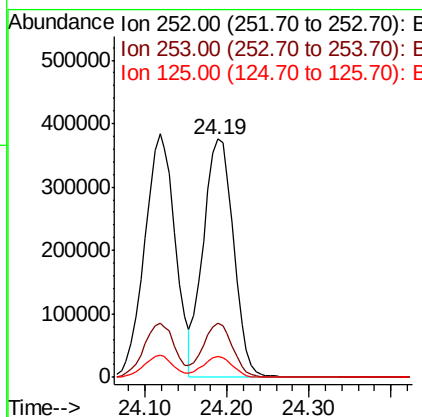
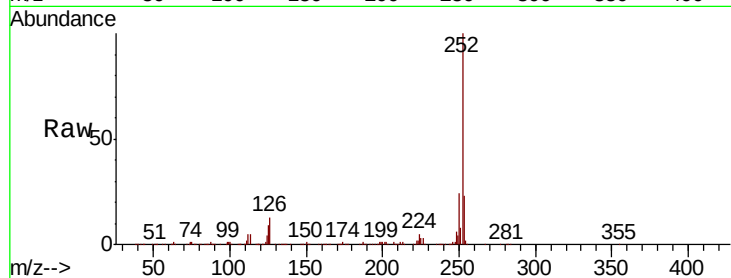




#89
Benzo(k)fluoranthene
Concen: 46.426 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.04 min
Lab File: BG039626.D
Acq: 27 Feb 2019 8:35

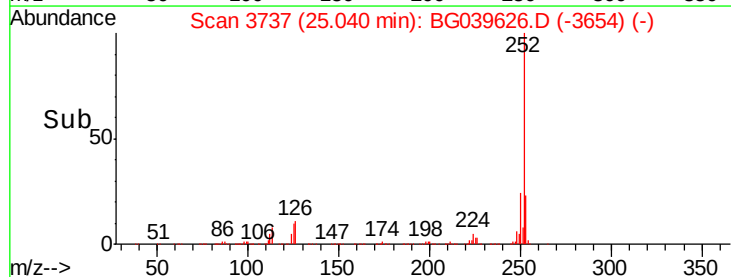
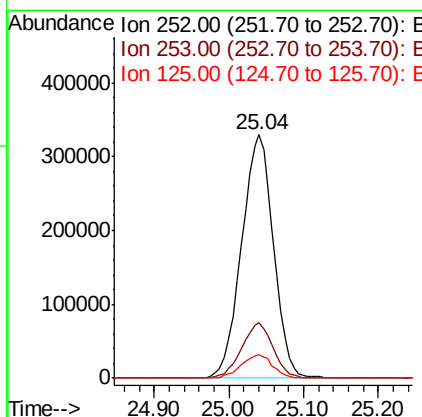
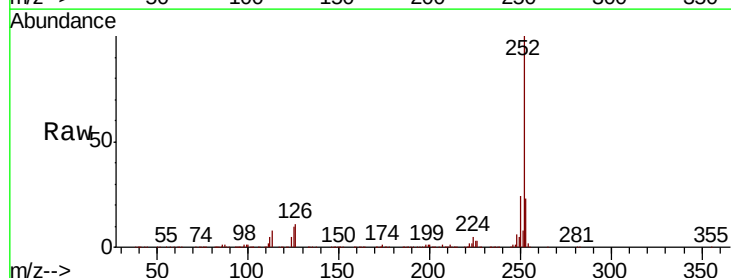
Instrument :
BNA_G
ClientSampled :

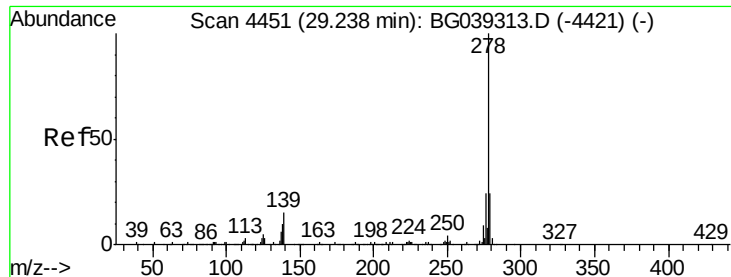
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.9	7.4	11.2



#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	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.8	8.3	12.5





#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

ClientSampled :

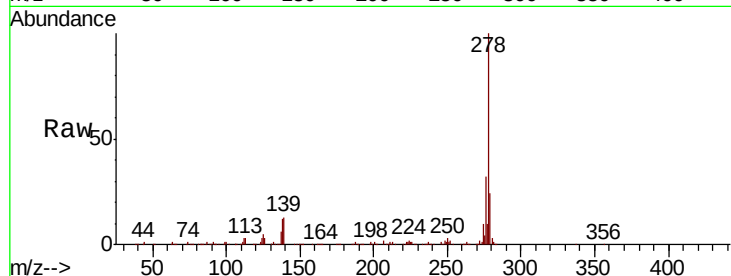
Tot Ion:278 Resp: 919761

Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

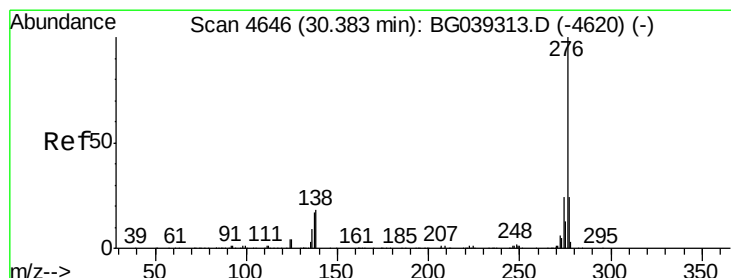
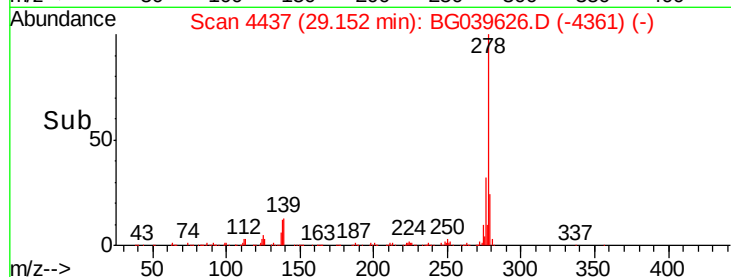
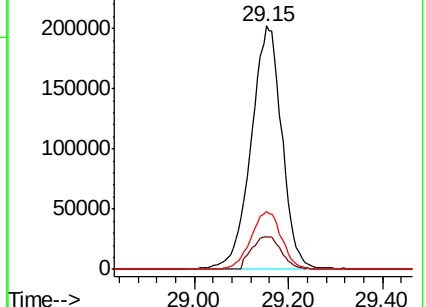
279 24.1 19.1 28.7



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

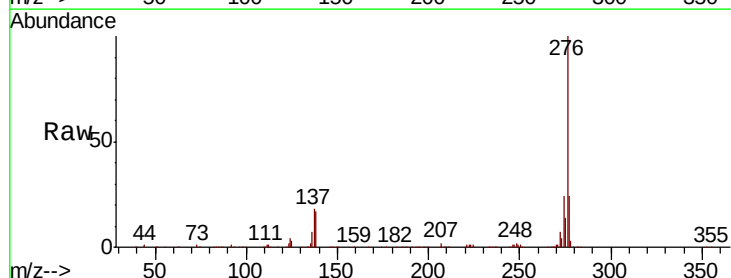
Tgt Ion:276 Resp: 945855

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

