

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039440.D
 Acq On : 11 Feb 2019 18:51
 Operator : JU/SJ
 Sample : K1453-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

Quant Time: Feb 12 00:16:14 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	54149	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	248920	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	169140	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	391225	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	383300	20.00	ng	-0.01
87) Perylene-d12	25.21	264	401731	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	500453	158.18	ng	0.00
7) Phenol-d6	7.31	99	733225	157.44	ng	0.00
23) Nitrobenzene-d5	9.35	82	417905	104.88	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	285975	157.01	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	958103	81.26	ng	-0.01
79) Terphenyl-d14	20.13	244	1403150	77.49	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	48709	35.196	ng	92
3) Pyridine	4.00	79	144528	39.444	ng	93
4) n-Nitrosodimethylamine	3.92	42	82828	45.200	ng	91
6) Aniline	7.49	93	188520	32.318	ng	98
8) 2-Chlorophenol	7.73	128	188226	54.427	ng	96
9) Benzaldehyde	7.31	77	80883	33.083	ng	98
10) Phenol	7.34	94	334955	68.997	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	173806	45.309	ng	99
12) 1,3-Dichlorobenzene	8.06	146	185539	44.287	ng	97
13) 1,4-Dichlorobenzene	8.21	146	190638	45.653	ng	98
14) 1,2-Dichlorobenzene	8.53	146	187116	46.288	ng	99
15) Benzyl Alcohol	8.41	79	184996	50.598	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	335707	38.753	ng	98
17) 2-Methylphenol	8.60	107	170838	54.380	ng	97
18) Hexachloroethane	9.26	117	66167	46.057	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	152073	46.008	ng	92
20) 3+4-Methylphenols	8.93	107	239309	55.317	ng	98
22) Acetophenone	9.00	105	285469	42.694	ng	# 93
24) Nitrobenzene	9.39	77	221891	51.547	ng	97
25) Isophorone	9.91	82	437012	49.494	ng	97
26) 2-Nitrophenol	10.10	139	109160	59.896	ng	94
27) 2,4-Dimethylphenol	10.14	122	201803	56.498	ng	96
28) bis(2-Chloroethoxy)methane	10.39	93	262184	48.208	ng	98
29) 2,4-Dichlorophenol	10.63	162	215071	55.093	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	205229	46.826	ng	99
31) Naphthalene	11.05	128	597941	48.421	ng	99
32) Benzoic acid	10.26	122	77028	35.765	ng	98
33) 4-Chloroaniline	11.15	127	82151	14.348	ng	94
34) Hexachlorobutadiene	11.31	225	128183	43.979	ng	93
35) Caprolactam	11.94	113	44843	27.760	ng	# 87
36) 4-Chloro-3-methylphenol	12.25	107	230359	51.024	ng	99
37) 2-Methylnaphthalene	12.63	142	456278	49.887	ng	94
38) 1-Methylnaphthalene	12.86	142	430009	48.773	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	252259	46.875	ng	98

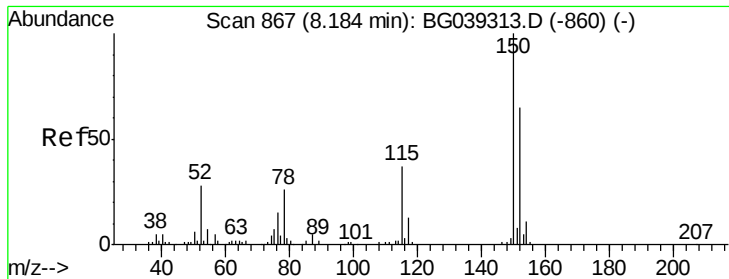
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039440.D
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 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	296132	100.983	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	180281	54.484	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	196984	56.801	ng	99
46) 1,1'-Biphenyl	13.63	154	618570	43.955	ng	98
47) 2-Chloronaphthalene	13.68	162	480466	45.384	ng	99
48) 2-Nitroaniline	13.89	65	163195	52.683	ng	94
49) Acenaphthylene	14.53	152	768752	48.124	ng	99
50) Dimethylphthalate	14.24	163	730083	53.445	ng	99
51) 2,6-Dinitrotoluene	14.37	165	141775	54.502	ng	92
52) Acenaphthene	14.86	154	470342	45.359	ng	99
53) 3-Nitroaniline	14.71	138	77540	30.543	ng	# 89
54) 2,4-Dinitrophenol	14.91	184	148688	110.815	ng	98
55) Dibenzofuran	15.20	168	757949	45.589	ng	99
56) 4-Nitrophenol	15.00	139	254942	101.537	ng	# 87
57) 2,4-Dinitrotoluene	15.15	165	200833	59.224	ng	88
58) Fluorene	15.84	166	593716	47.905	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	187002	57.591	ng	96
60) Diethylphthalate	15.60	149	631233	44.693	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	317479	45.240	ng	97
62) 4-Nitroaniline	15.87	138	144676	50.286	ng	93
63) Azobenzene	16.12	77	558581	40.463	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	113096	64.600	ng	96
66) n-Nitrosodiphenylamine	16.04	169	550012	46.236	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	208177	47.965	ng	92
68) Hexachlorobenzene	16.83	284	214989	49.371	ng	94
69) Atrazine	16.98	200	216438	49.788	ng	97
70) Pentachlorophenol	17.18	266	283036	93.520	ng	99
71) Phenanthrene	17.59	178	967458	47.779	ng	99
72) Anthracene	17.67	178	981041	49.187	ng	97
73) Carbazole	17.94	167	865645	43.489	ng	100
74) Di-n-butylphthalate	18.48	149	1031364	44.414	ng	99
75) Fluoranthene	19.58	202	1139245	48.474	ng	99
77) Benzidine	19.76	184	534348	42.521	ng	99
78) Pyrene	19.95	202	1116031	46.771	ng	100
80) Butylbenzylphthalate	20.81	149	483130	47.998	ng	95
81) Benzo(a)anthracene	21.81	228	1111320	49.067	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	224598	26.744	ng	98
83) Chrysene	21.88	228	1028452	47.701	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	672628	46.840	ng	99
85) Di-n-octyl phthalate	22.95	149	1161664	48.965	ng	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1267930	54.812	ng	# 95
88) Benzo(b)fluoranthene	24.13	252	1093988	49.934	ng	99
89) Benzo(k)fluoranthene	24.21	252	1049237	47.702	ng	100
90) Benzo(a)pyrene	25.05	252	1055771	50.037	ng	100
91) Dibenzo(a,h)anthracene	29.18	278	1011613	51.196	ng	99
92) Benzo(g,h,i)perylene	30.33	276	1046521	53.136	ng	99

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

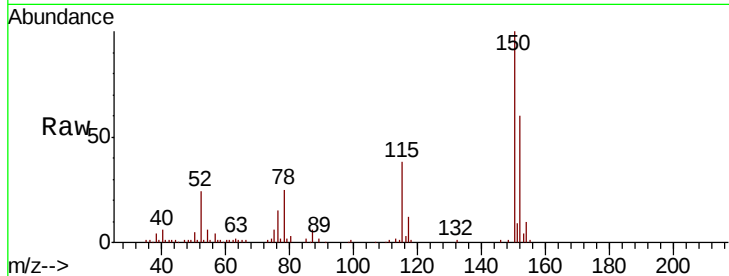


#1

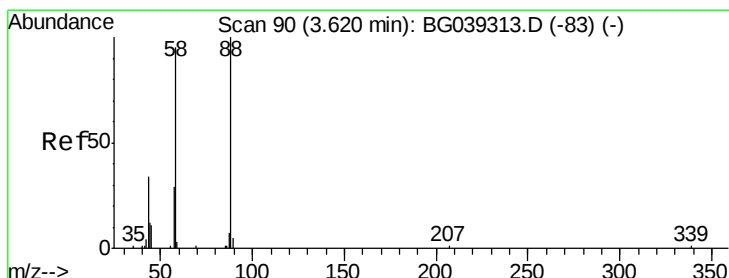
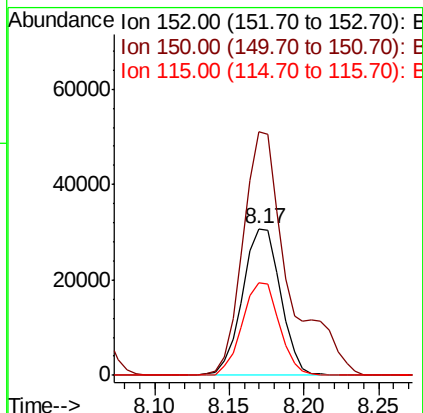
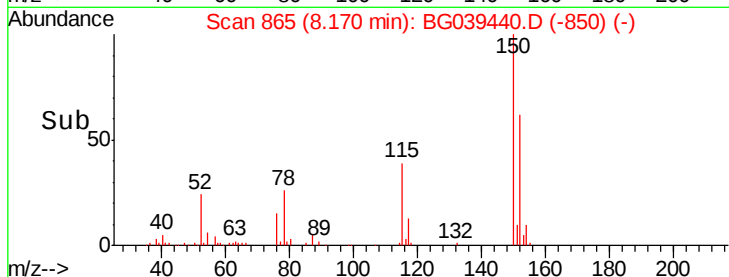
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:152 Resp: 54149
Ion Ratio Lower Upper
152 100
150 166.1 123.7 185.5
115 63.3 45.9 68.9



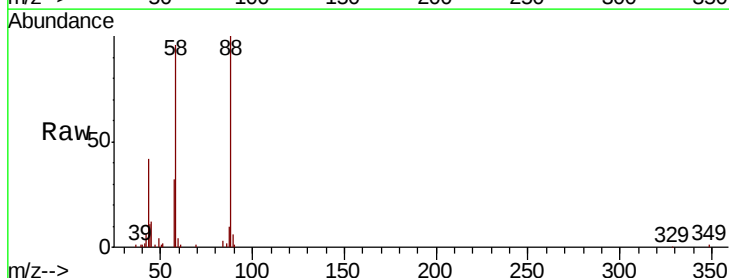
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



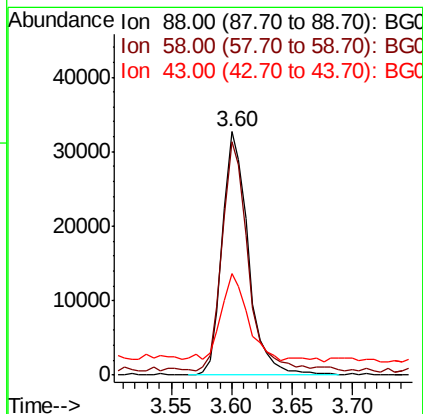
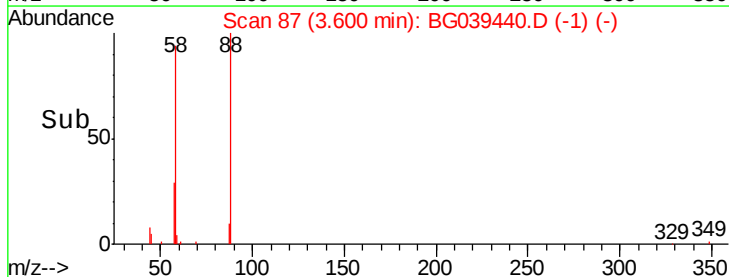
#2

1,4-Dioxane
Concen: 35.196 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion: 88 Resp: 48709
Ion Ratio Lower Upper
88 100
58 92.7 81.1 121.7
43 35.6 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.444 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

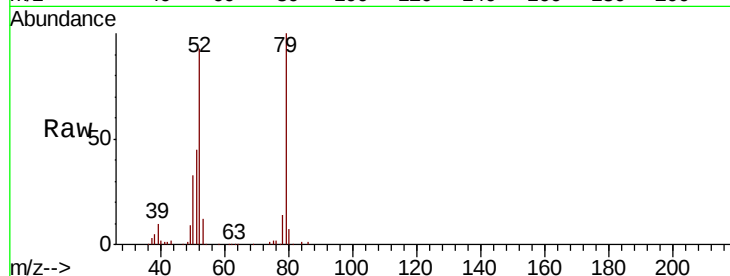
Tgt Ion: 79 Resp: 144528

Ion Ratio Lower Upper

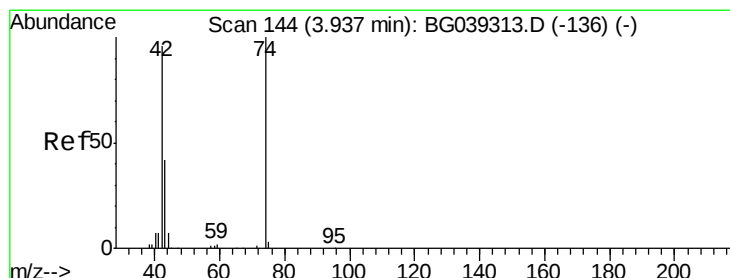
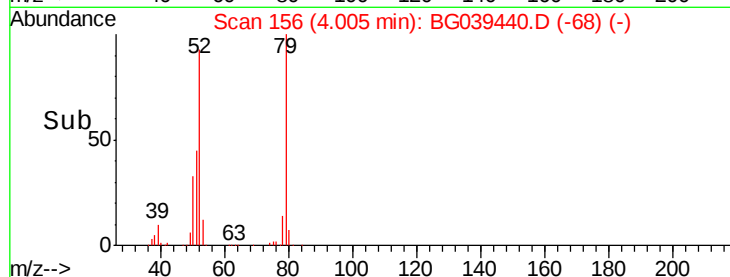
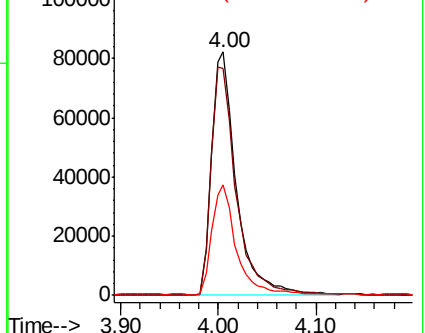
79 100

52 93.3 82.6 124.0

51 45.3 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: 45.200 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

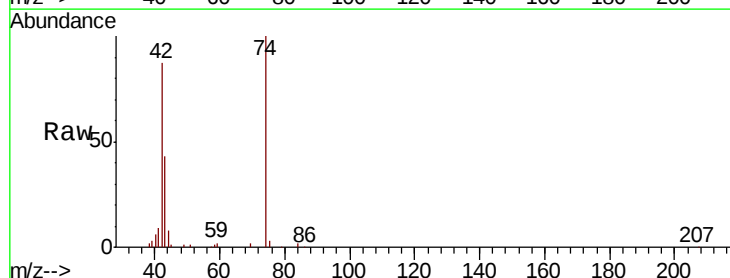
Tgt Ion: 42 Resp: 82828

Ion Ratio Lower Upper

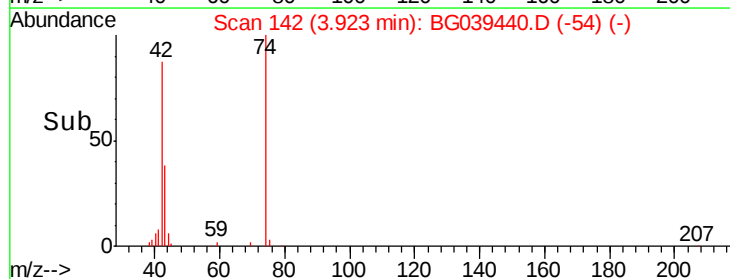
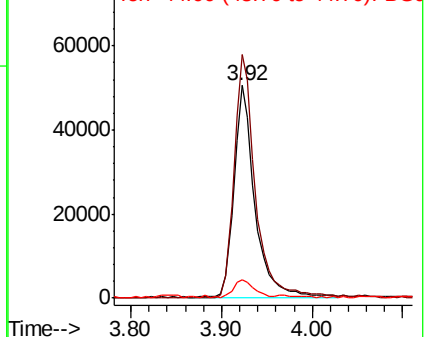
42 100

74 114.7 83.6 125.4

44 8.8 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: 158.180 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

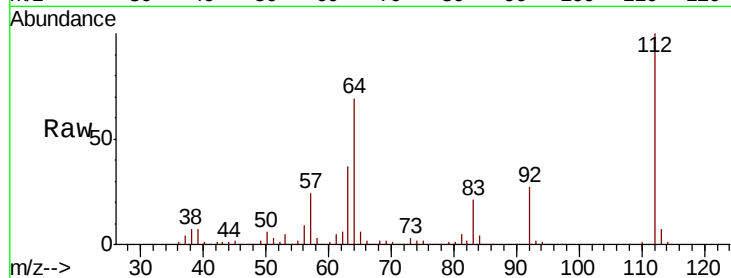
Tgt Ion: 112 Resp: 500453

Ion Ratio Lower Upper

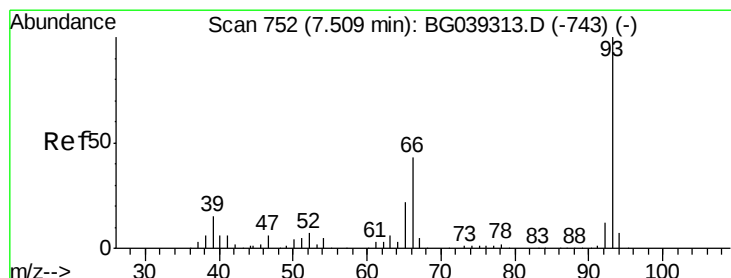
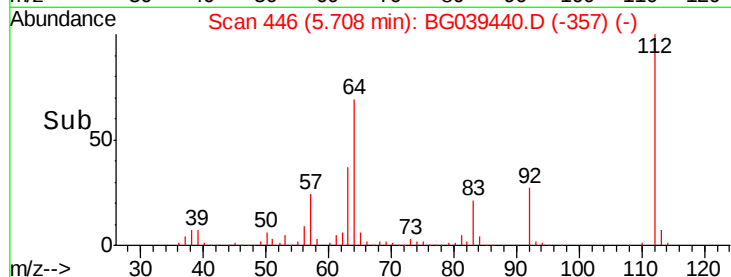
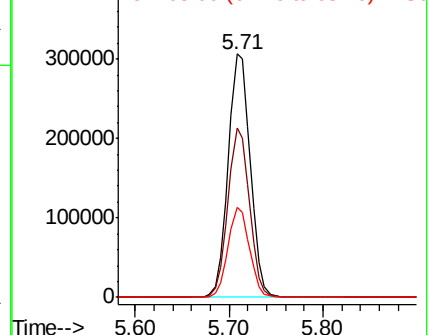
112 100

64 69.5 57.8 86.8

63 37.0 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: 32.318 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

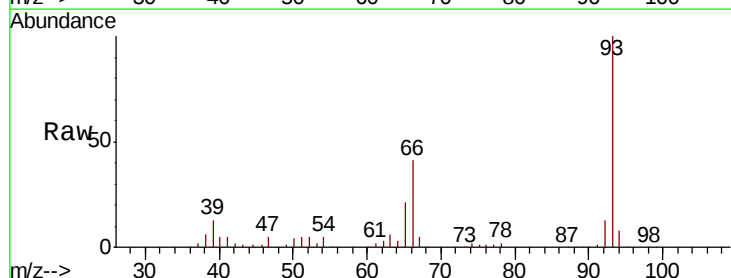
Tgt Ion: 93 Resp: 188520

Ion Ratio Lower Upper

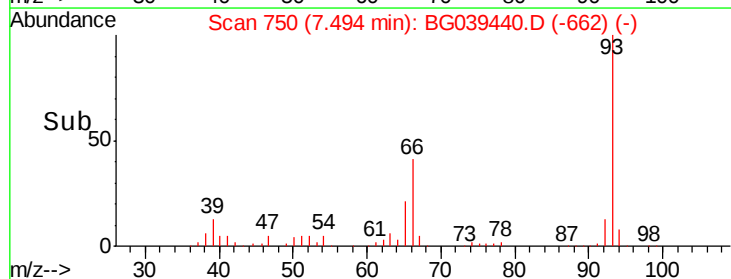
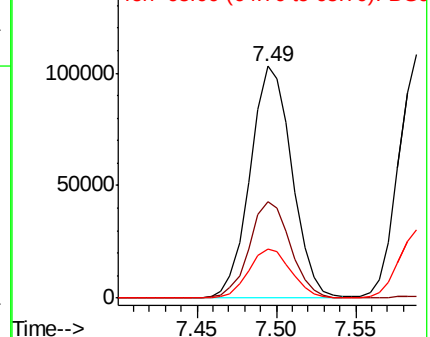
93 100

66 41.5 34.2 51.4

65 21.0 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.444 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

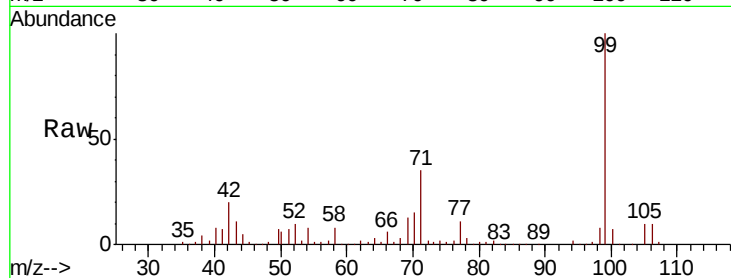
Tgt Ion: 99 Resp: 733225

Ion Ratio Lower Upper

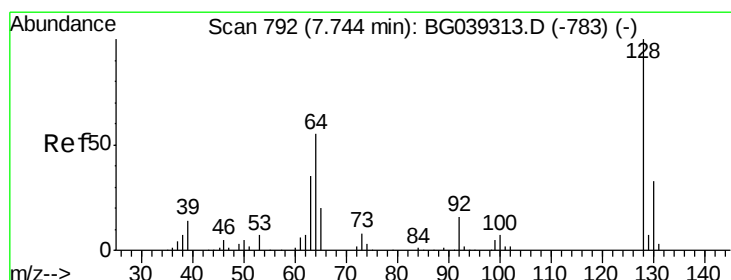
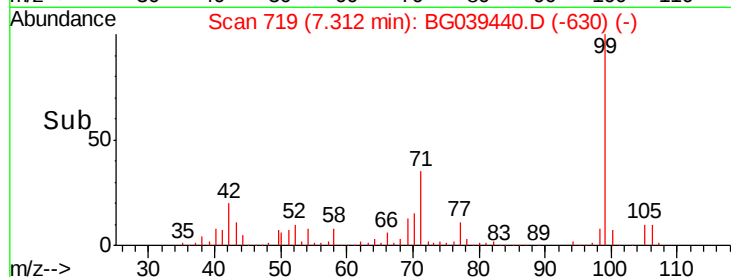
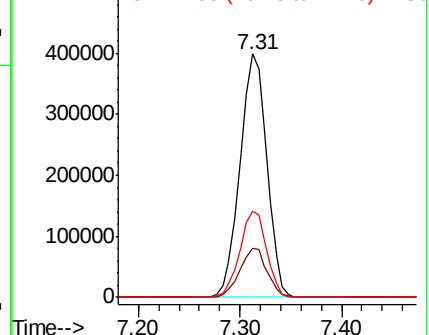
99 100

42 20.0 18.2 27.2

71 35.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 54.427 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

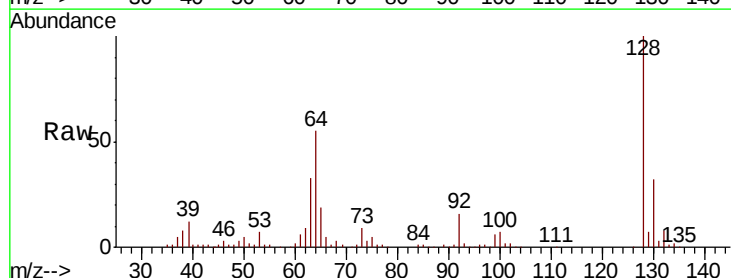
Tgt Ion: 128 Resp: 188226

Ion Ratio Lower Upper

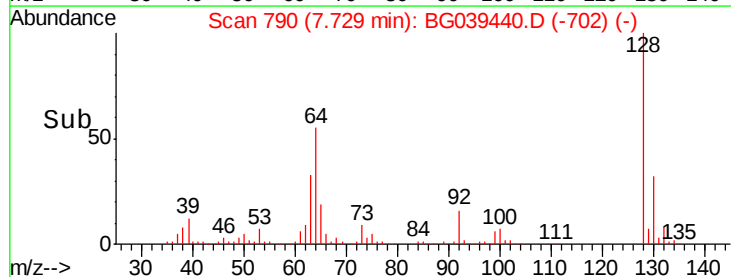
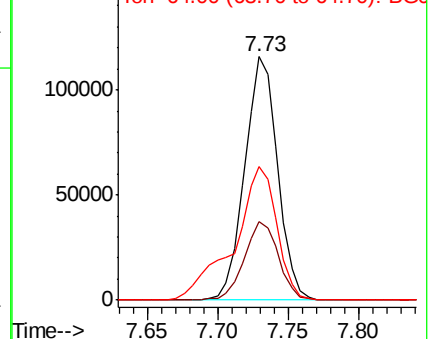
128 100

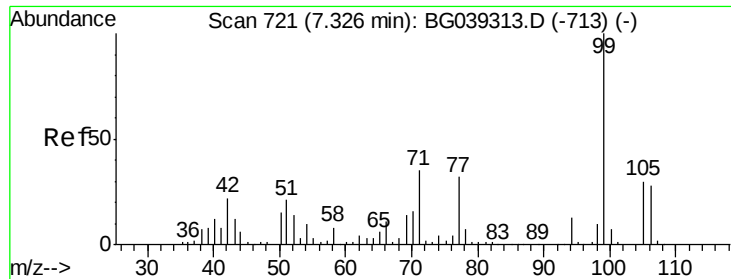
130 32.4 12.9 52.9

64 54.8 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: 33.083 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

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ClientSampleId :

M-9-DMSD

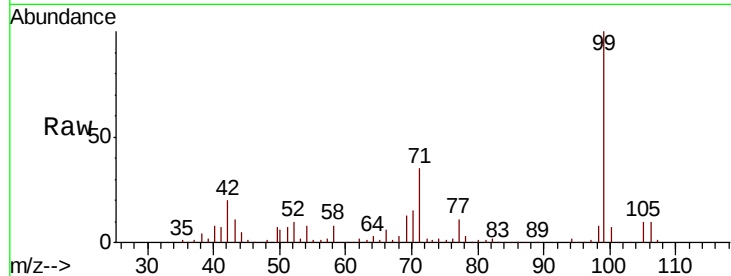
Tgt Ion: 77 Resp: 80883

Ion Ratio Lower Upper

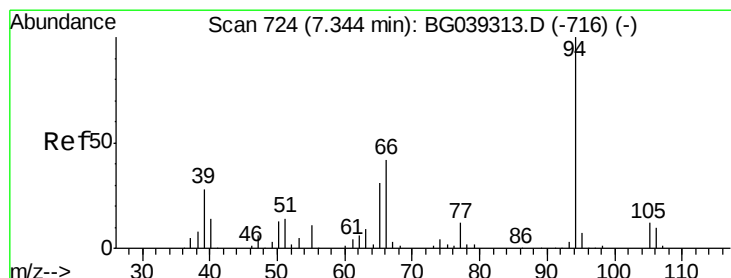
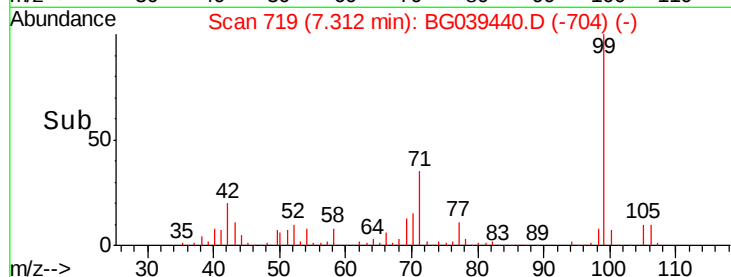
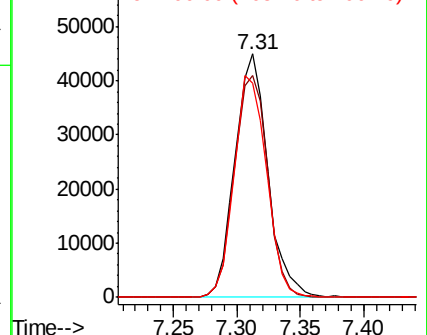
77 100

105 91.2 74.5 114.5

106 88.0 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: 68.997 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

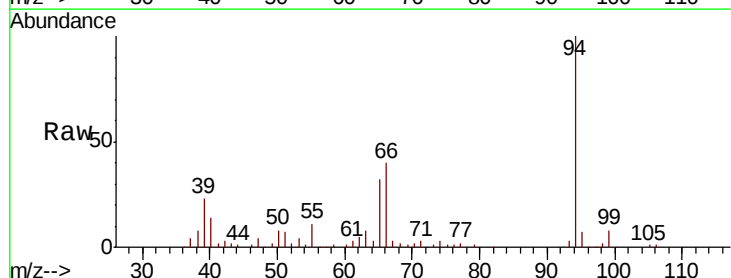
Tgt Ion: 94 Resp: 334955

Ion Ratio Lower Upper

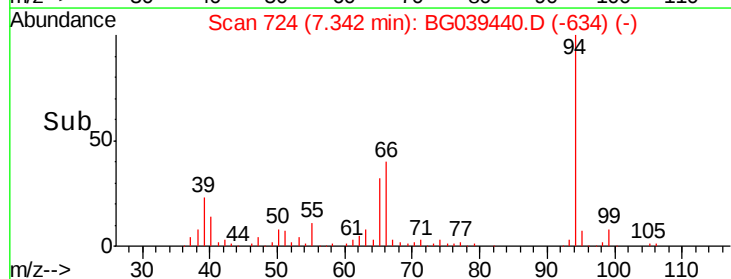
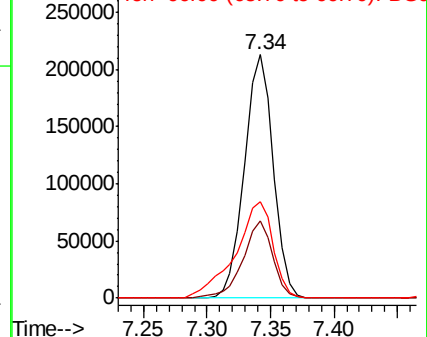
94 100

65 31.7 11.7 51.7

66 39.9 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

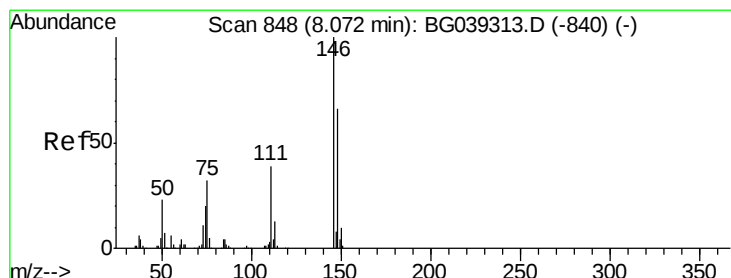
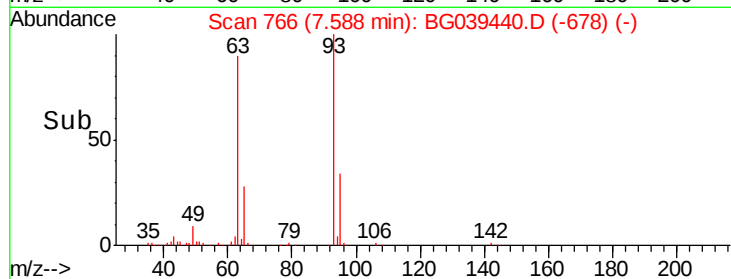
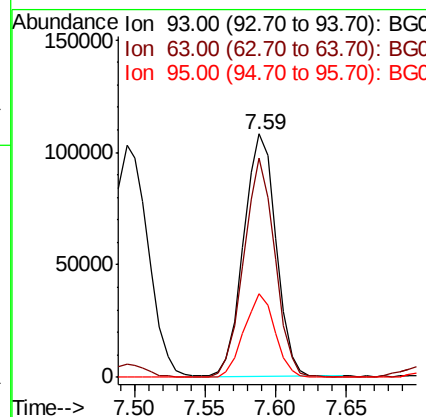
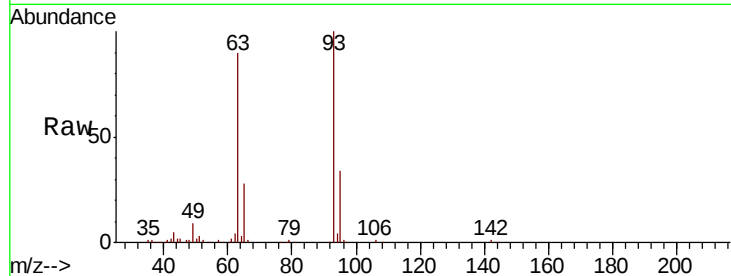




#11
 bis(2-Chloroethyl)ether
 Concen: 45.309 ng
 RT: 7.59 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

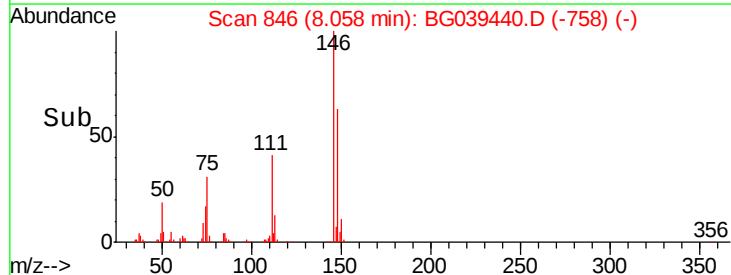
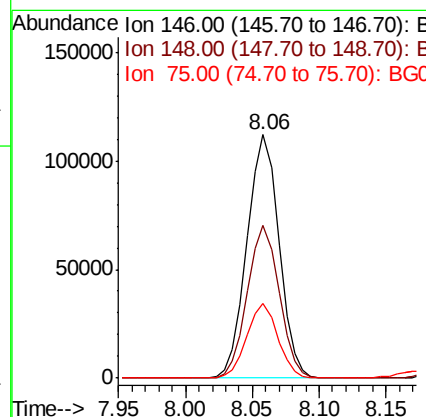
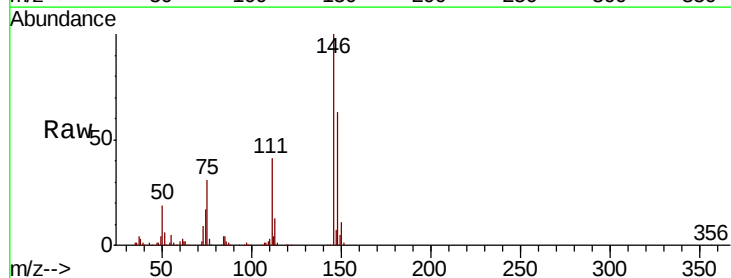
Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

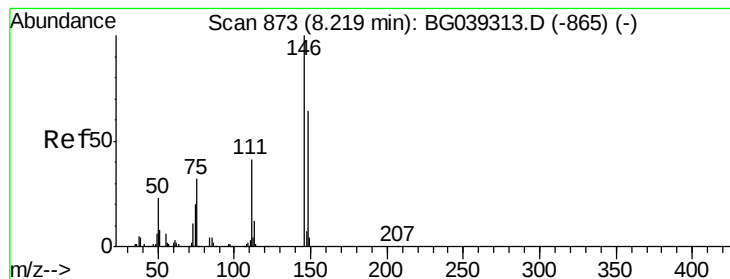
Tgt Ion: 93 Resp: 173806
 Ion Ratio Lower Upper
 93 100
 63 89.9 69.5 109.5
 95 34.1 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 44.287 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion: 146 Resp: 185539
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.6 79.0
 75 30.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 45.653 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampled :

M-9-DMSD

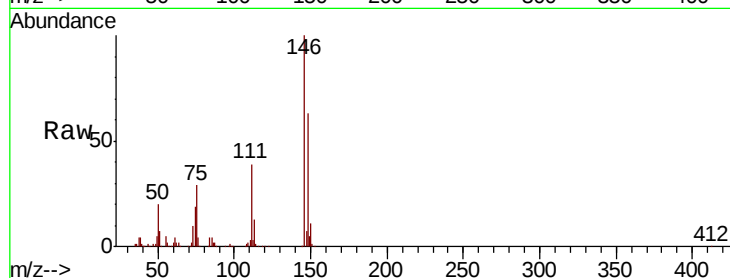
Tgt Ion:146 Resp: 190638

Ion Ratio Lower Upper

146 100

148 62.6 51.1 76.7

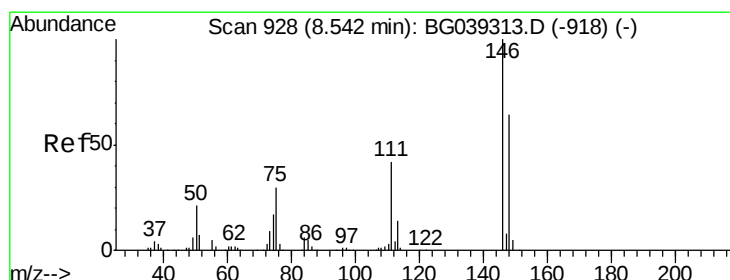
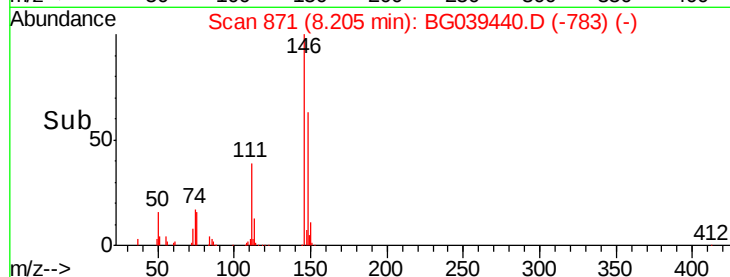
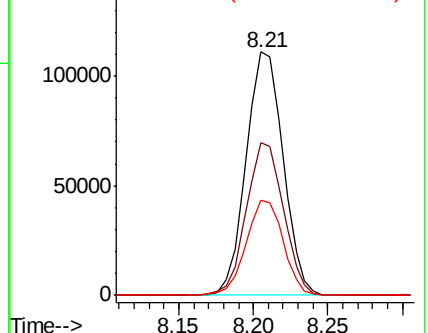
111 39.2 32.6 48.8



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: 46.288 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

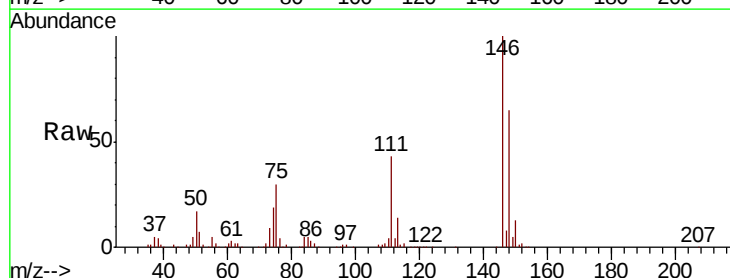
Tgt Ion:146 Resp: 187116

Ion Ratio Lower Upper

146 100

148 65.2 51.5 77.3

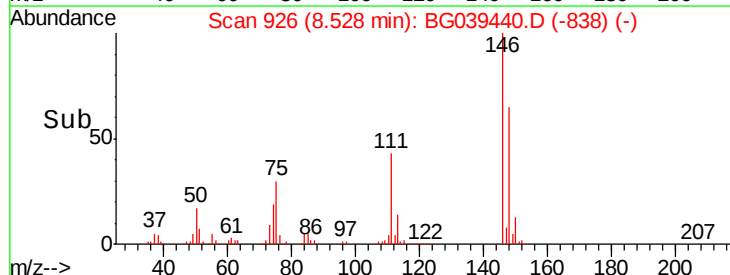
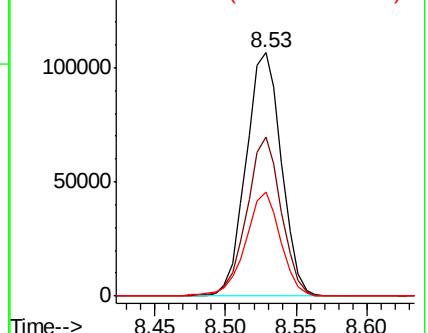
111 42.5 33.8 50.6

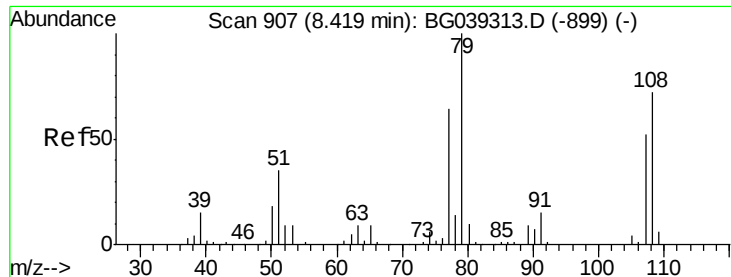


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.598 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

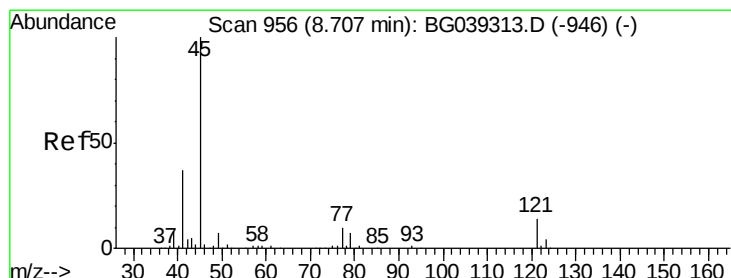
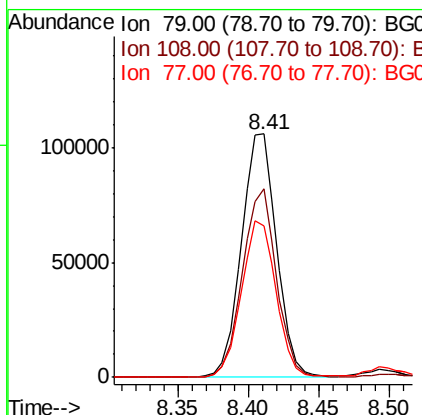
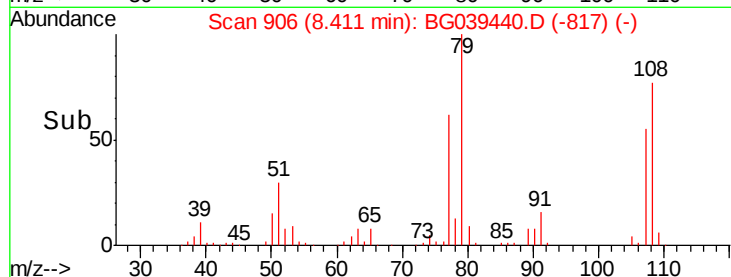
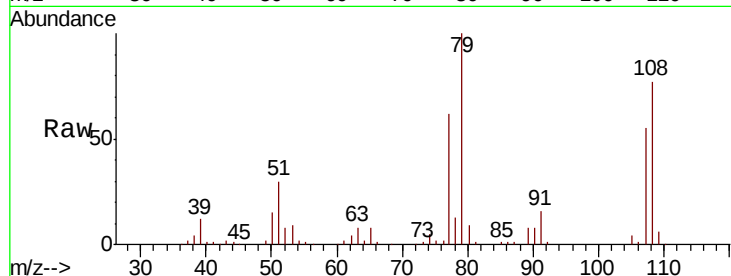
Tgt Ion: 79 Resp: 184996

Ion Ratio Lower Upper

79 100

108 77.3 57.8 86.6

77 62.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.753 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

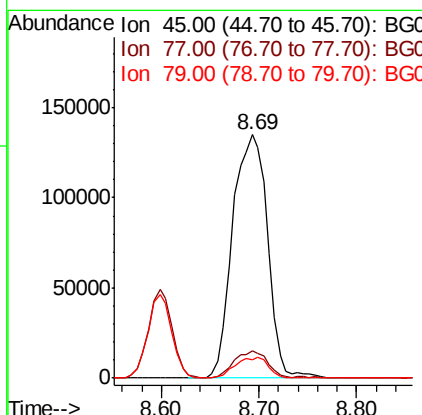
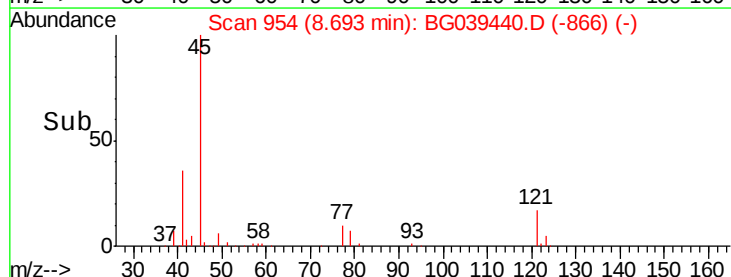
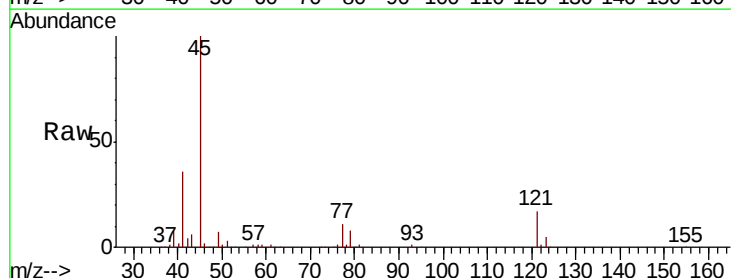
Tgt Ion: 45 Resp: 335707

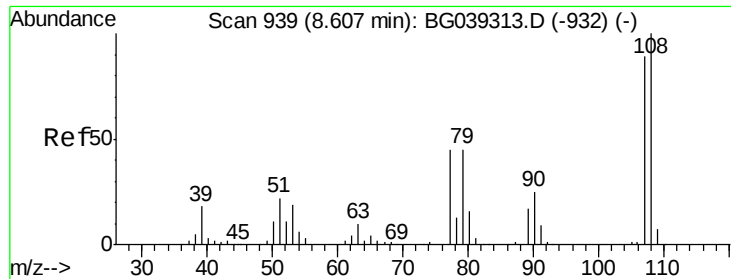
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.0

79 7.7 0.0 27.5

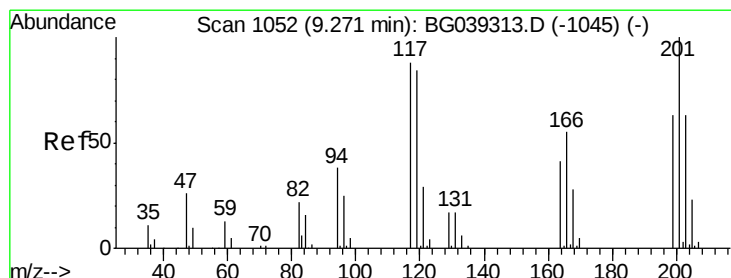
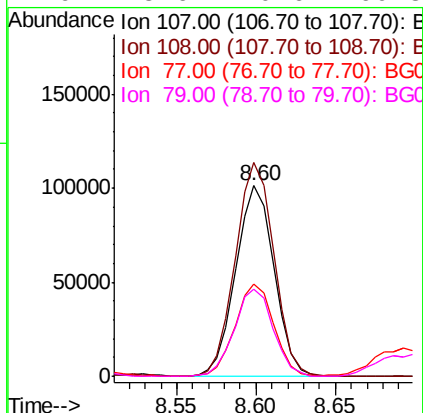
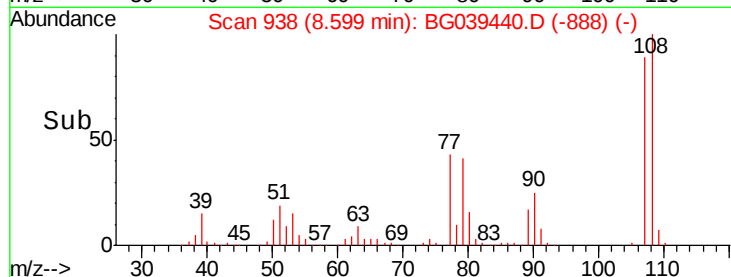
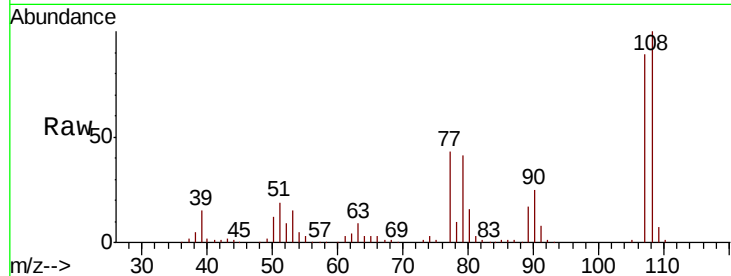




#17
2-Methylphenol
Concen: 54.380 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

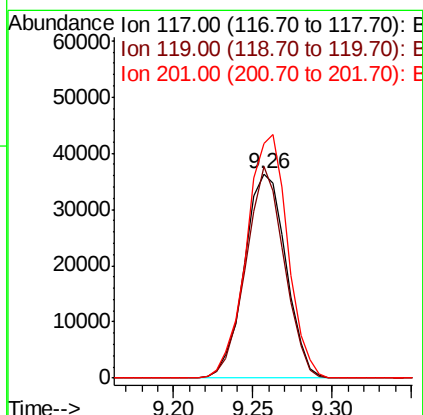
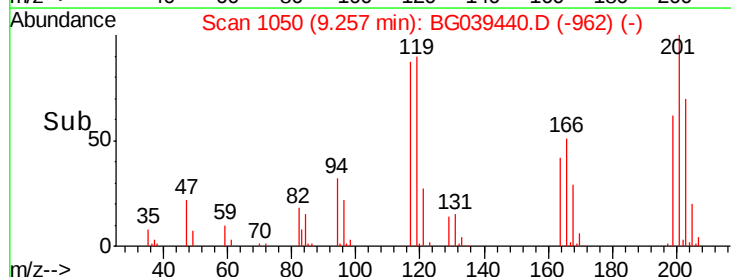
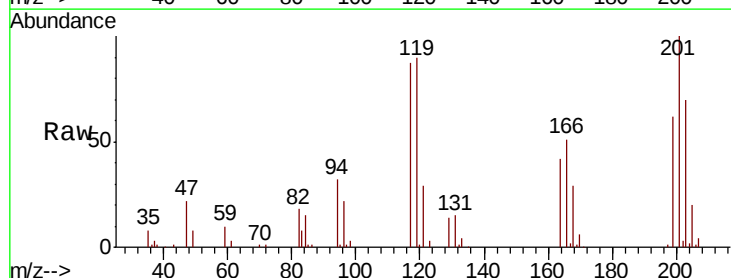
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

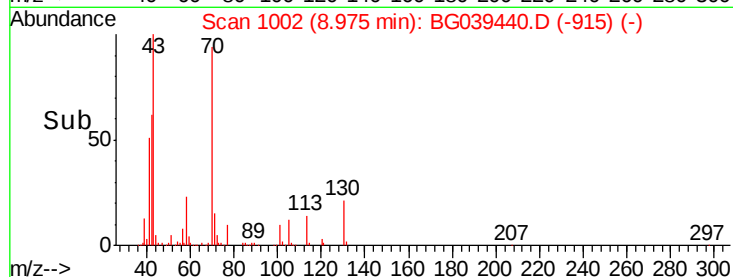
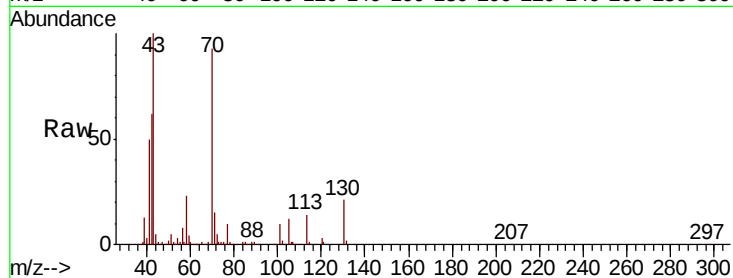
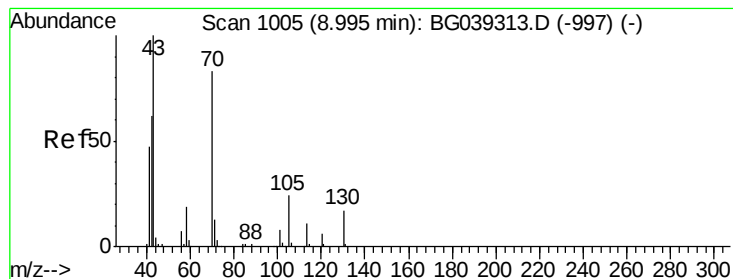
Tgt Ion:107 Resp: 170838
Ion Ratio Lower Upper
107 100
108 112.3 90.8 136.2
77 48.3 40.7 61.1
79 45.6 40.6 60.8



#18
Hexachloroethane
Concen: 46.057 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:117 Resp: 66167
Ion Ratio Lower Upper
117 100
119 103.6 76.3 114.5
201 115.0 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 46.008 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

Tgt Ion: 70 Resp: 152073

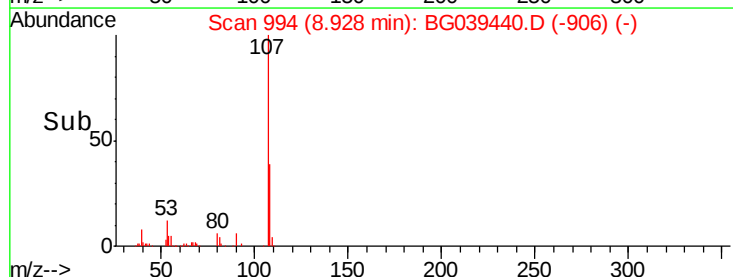
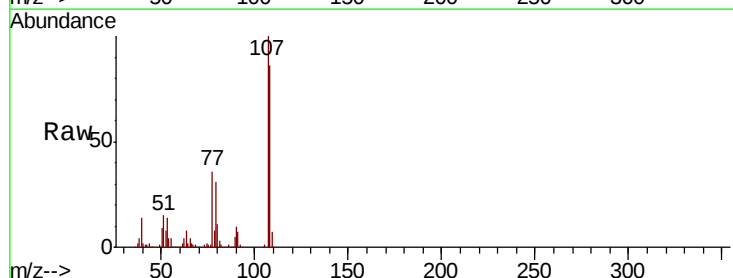
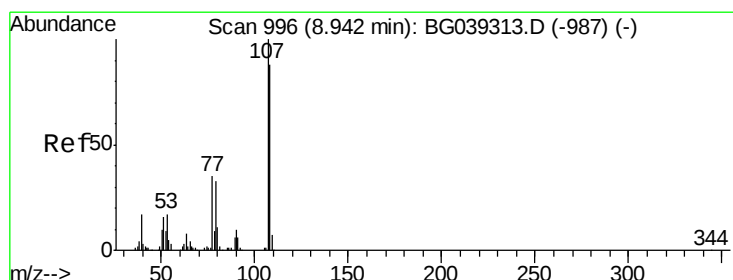
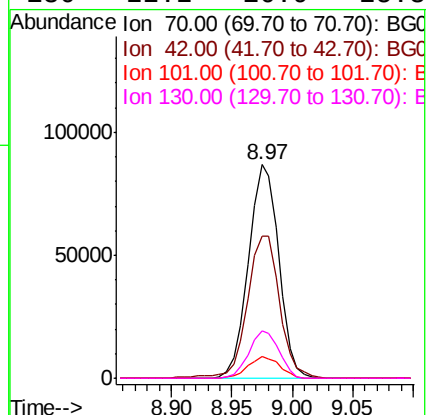
Ion Ratio Lower Upper

70 100

42 66.4 60.4 90.6

101 10.4 7.5 11.3

130 22.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 55.317 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Tgt Ion: 107 Resp: 239309

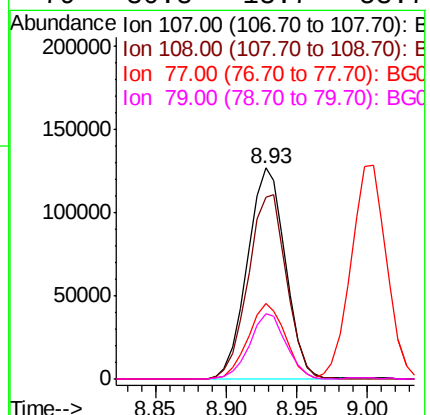
Ion Ratio Lower Upper

107 100

108 86.0 67.9 107.9

77 36.0 15.4 55.4

79 30.8 13.7 53.7

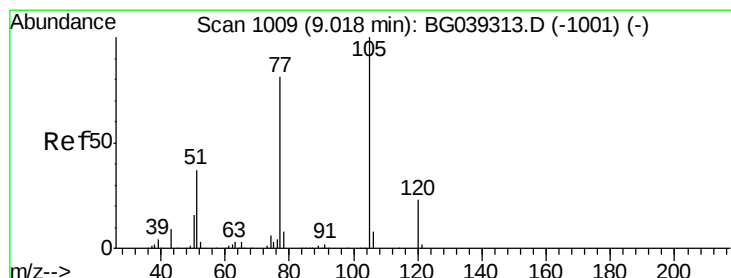
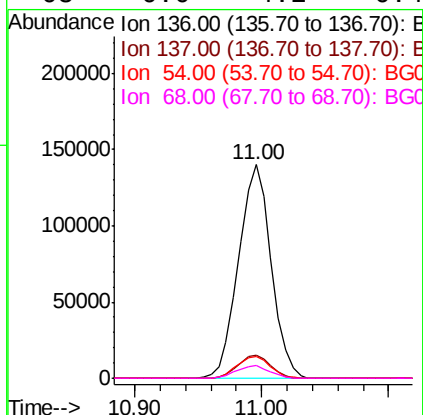
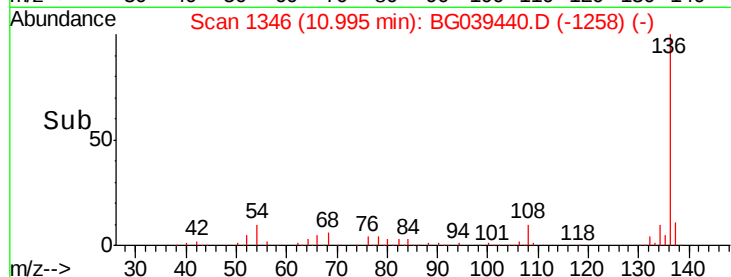
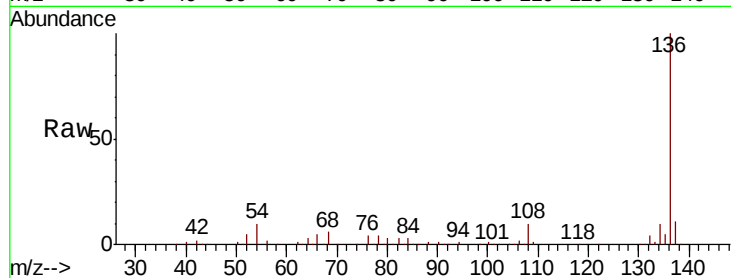




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

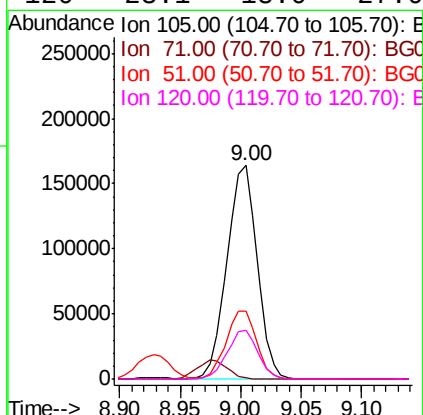
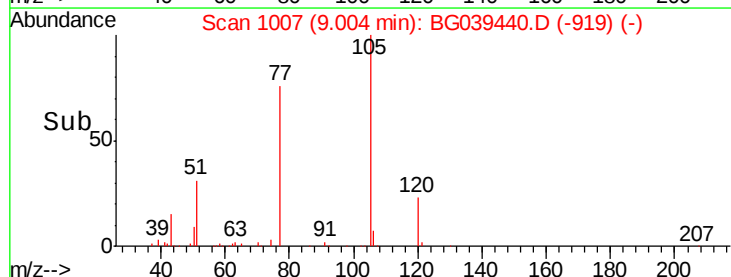
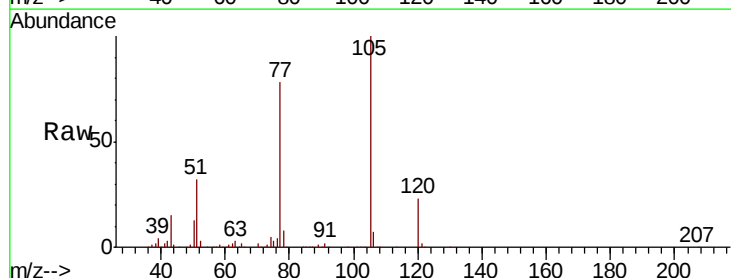
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:	136	Resp:	248920
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.3	9.4	14.2
68	6.0	4.2	6.4



#22
Acetophenone
Concen: 42.694 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:	105	Resp:	285469
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	31.5	30.2	45.2
120	23.1	18.0	27.0

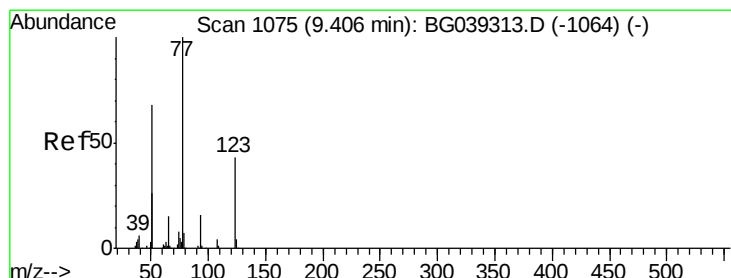
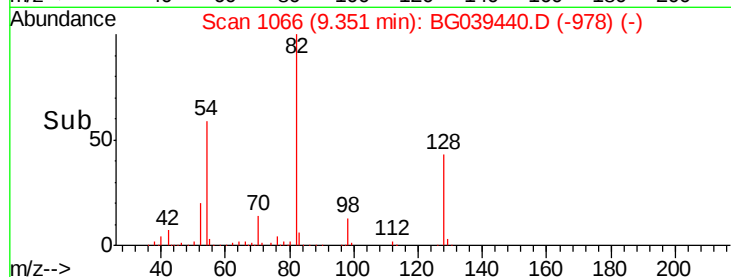
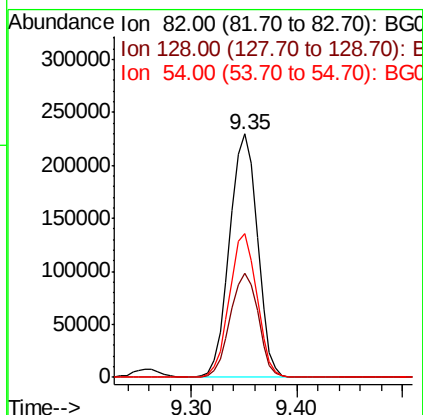
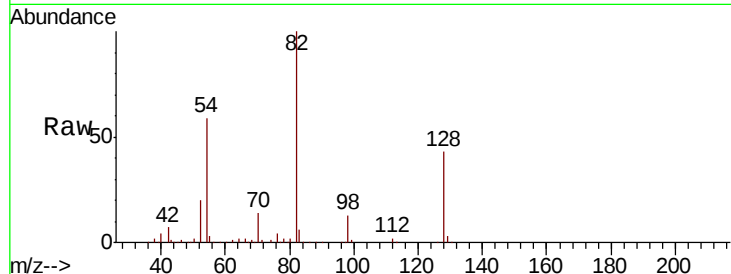




#23
 Nitrobenzene-d5
 Concen: 104.882 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

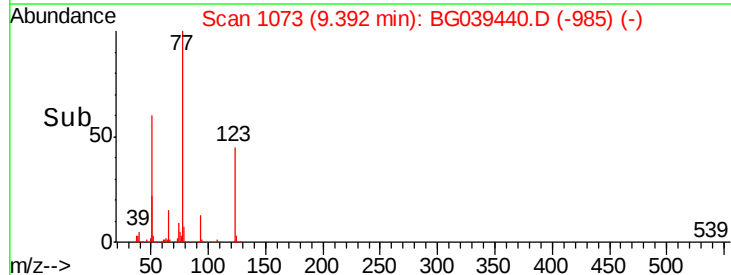
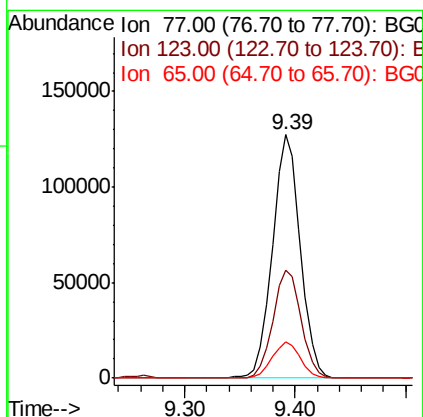
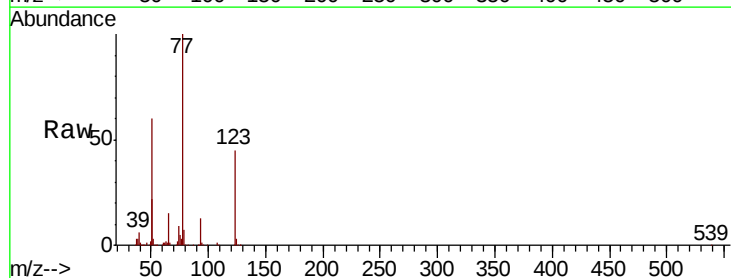
Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

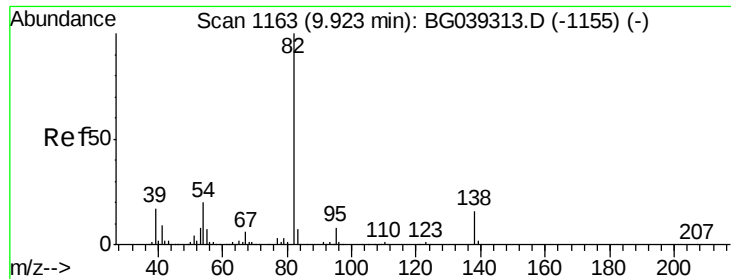
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	58.9	50.9	76.3



#24
 Nitrobenzene
 Concen: 51.547 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.1	51.1
65	14.9	12.3	18.5

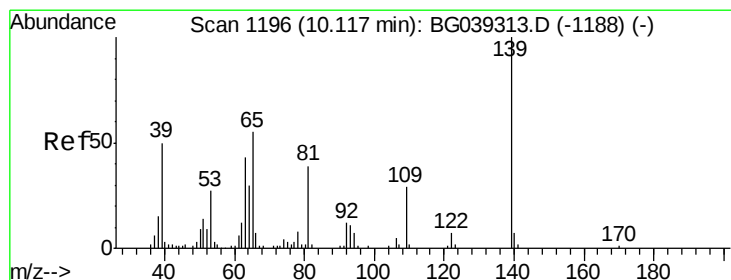
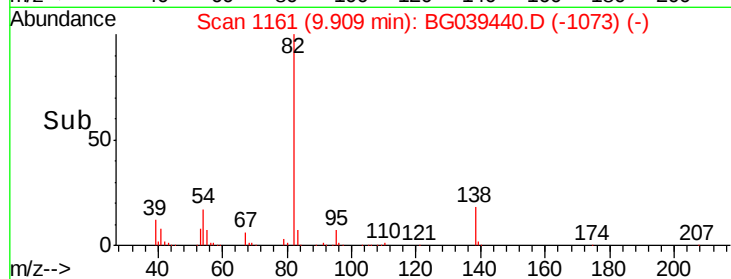
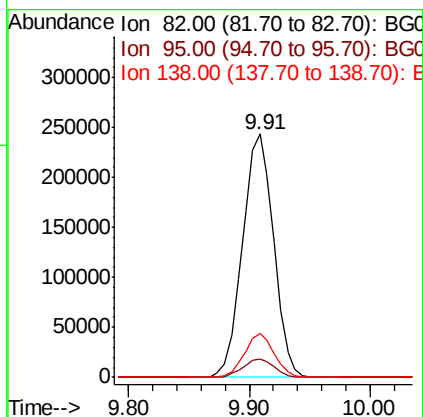
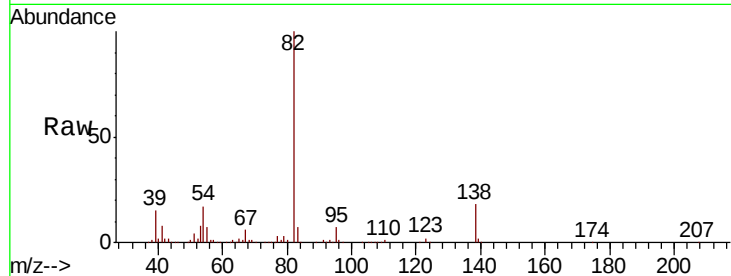




#25
Isophorone
Concen: 49.494 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

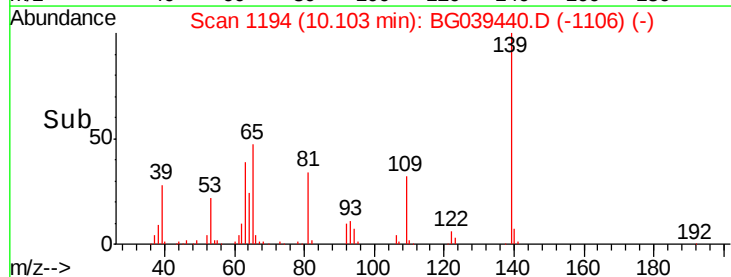
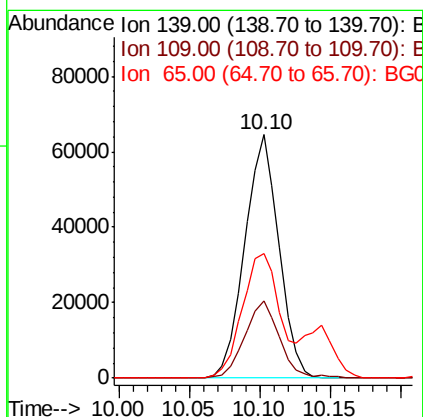
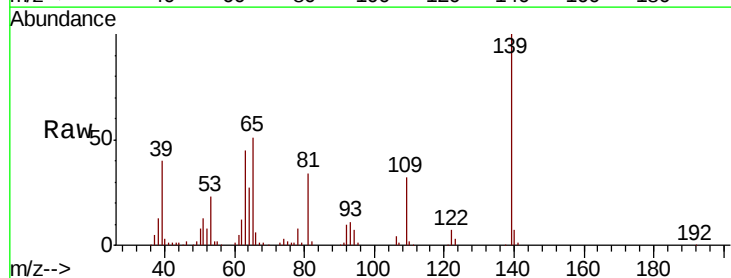
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion: 82 Resp: 437012
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 18.0 13.0 19.4



#26
2-Nitrophenol
Concen: 59.896 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion: 139 Resp: 109160
Ion Ratio Lower Upper
139 100
109 31.9 23.4 35.0
65 51.0 44.3 66.5

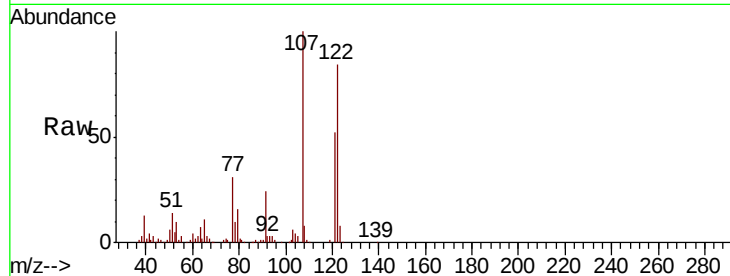




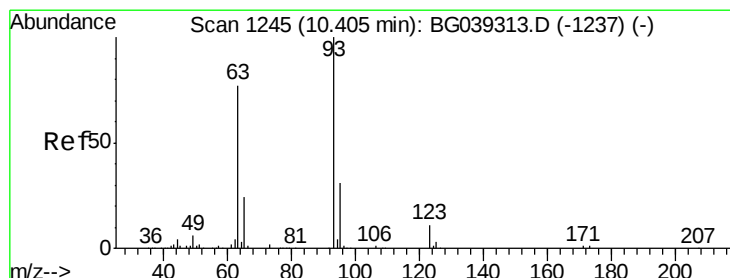
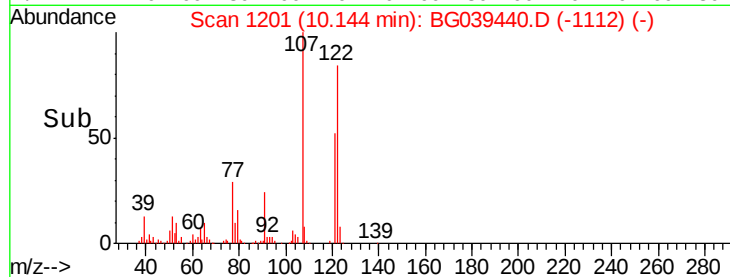
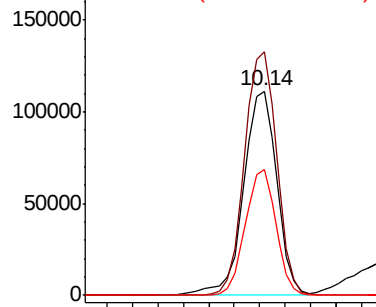
#27
2,4-Dimethylphenol
Concen: 56.498 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.1	91.7	137.5
121	61.5	46.4	69.6

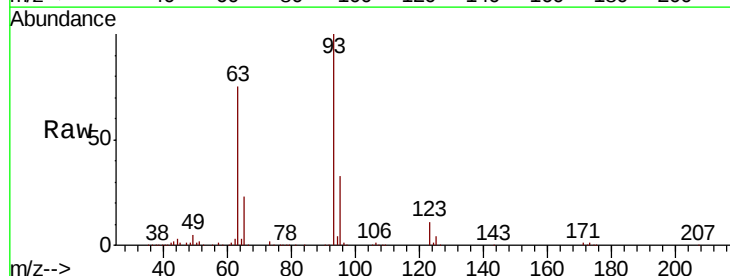


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

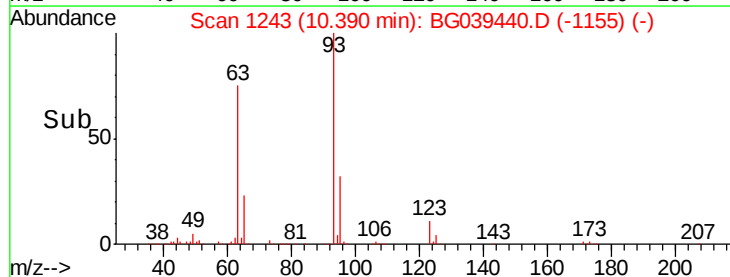
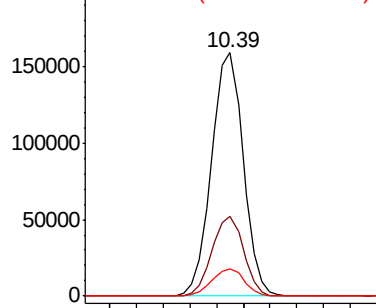


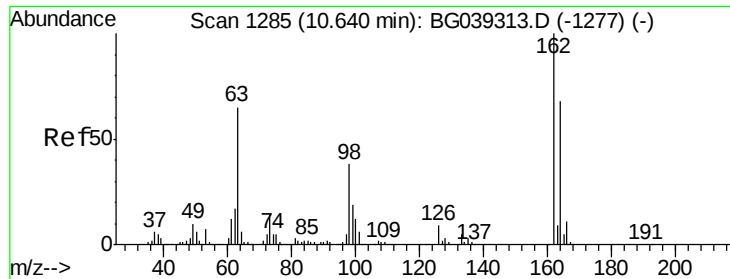
#28
bis(2-Chloroethoxy)methane
Concen: 48.208 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.0	37.4
123	11.2	8.6	12.8



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

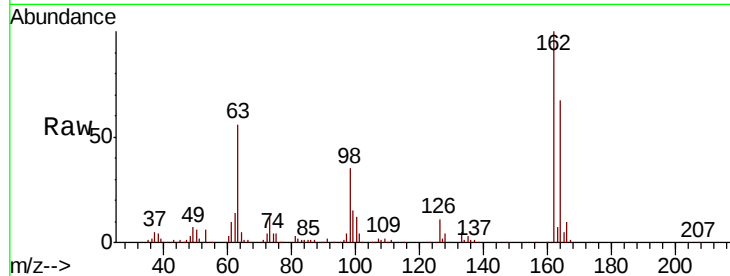




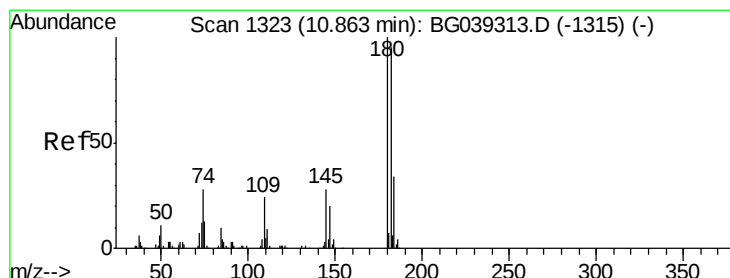
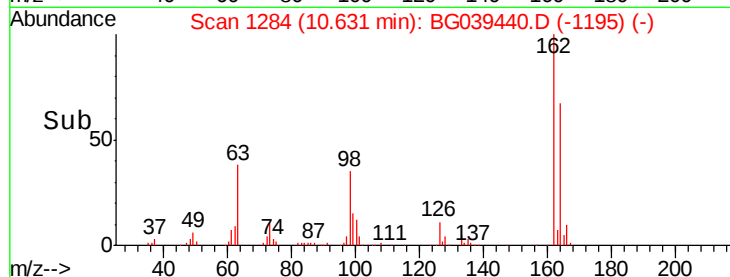
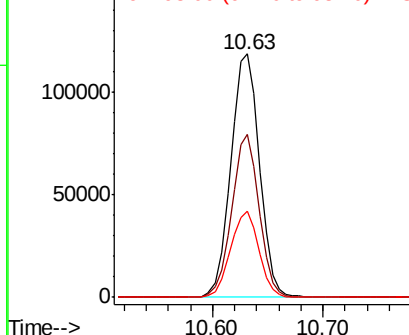
#29
 2,4-Dichlorophenol
 Concen: 55.093 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

Tgt Ion:162 Resp: 215071
 Ion Ratio Lower Upper
 162 100
 164 67.0 48.1 88.1
 98 35.4 18.1 58.1

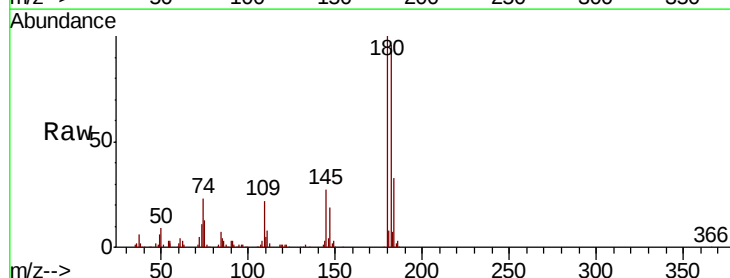


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

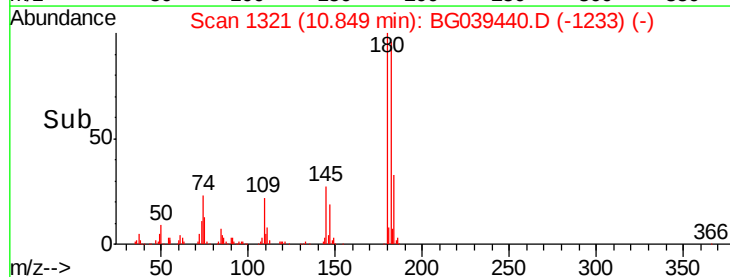
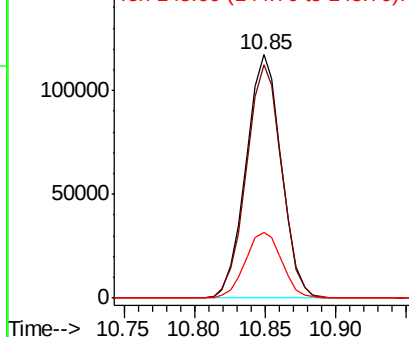


#30
 1,2,4-Trichlorobenzene
 Concen: 46.826 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion:180 Resp: 205229
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.0 114.0
 145 27.2 22.7 34.1



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

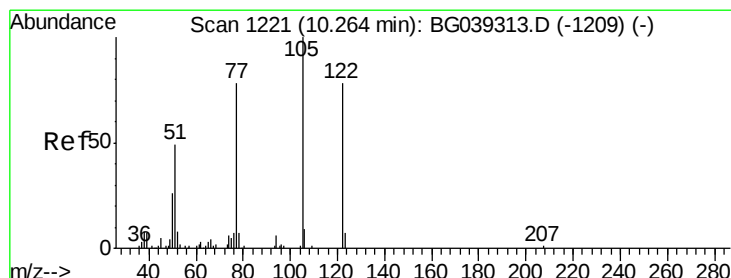
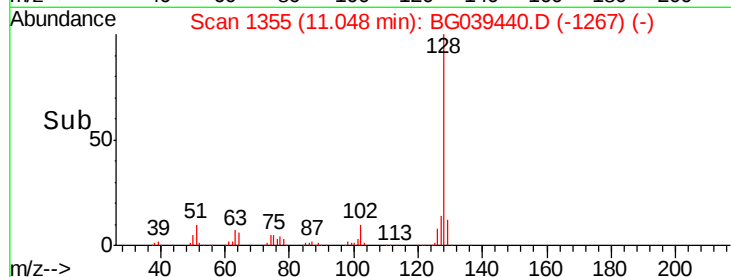
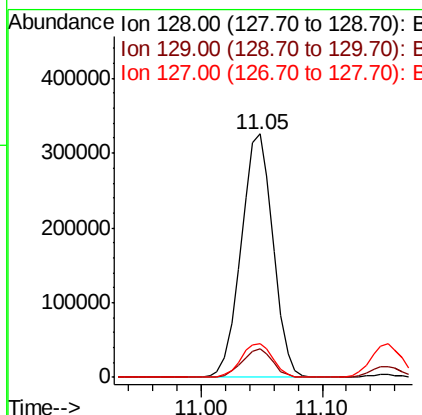
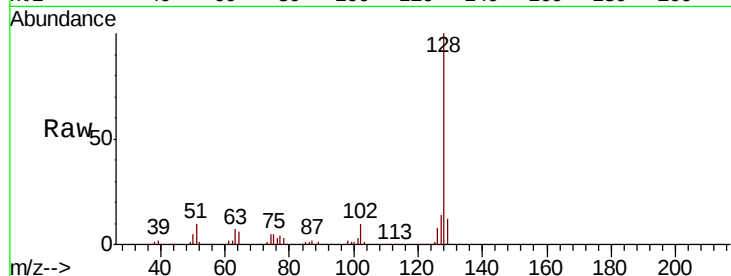




#31
Naphthalene
Concen: 48.421 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

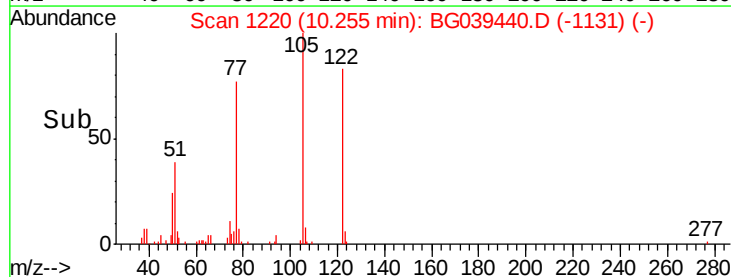
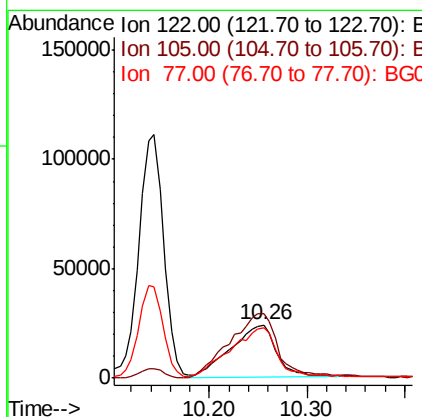
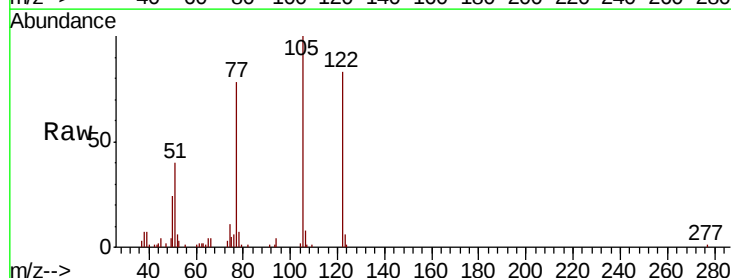
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:128 Resp: 597941
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 35.765 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:122 Resp: 77028
Ion Ratio Lower Upper
122 100
105 120.7 101.8 141.8
77 93.7 76.3 116.3

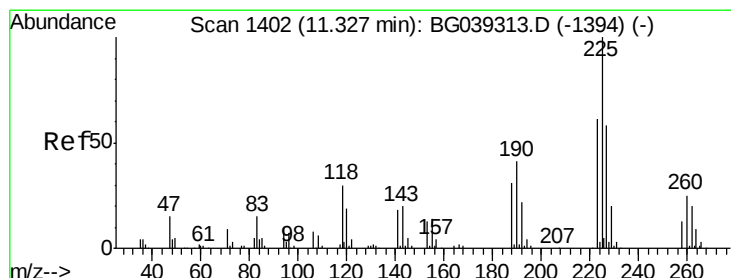
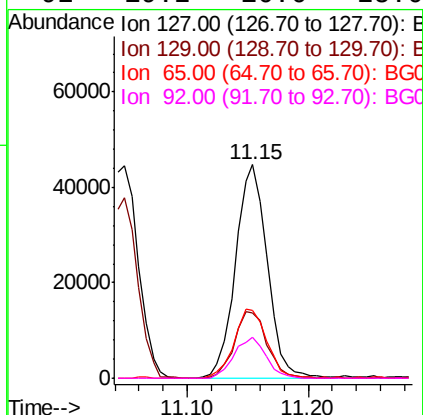
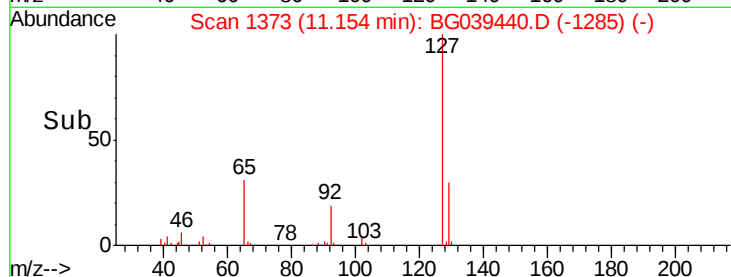
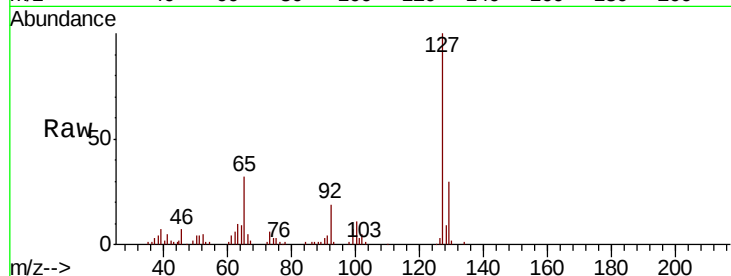




#33
4-Chloroaniline
Concen: 14.348 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

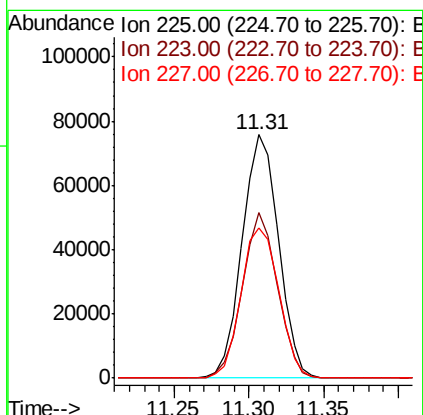
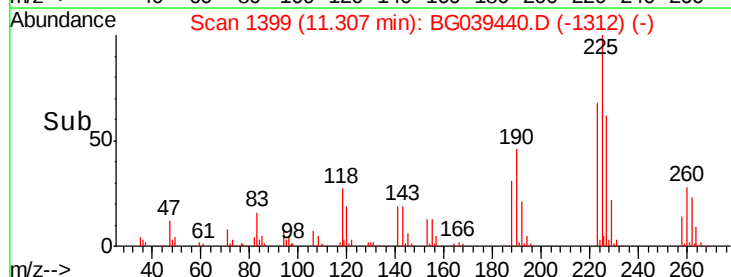
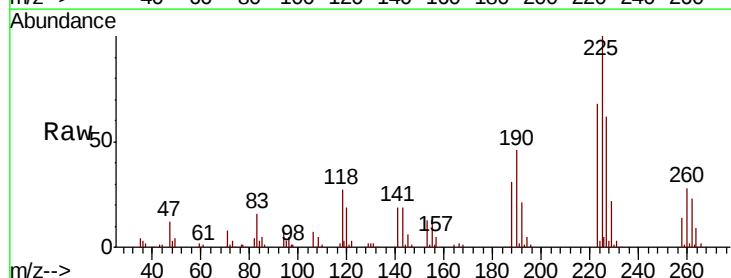
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

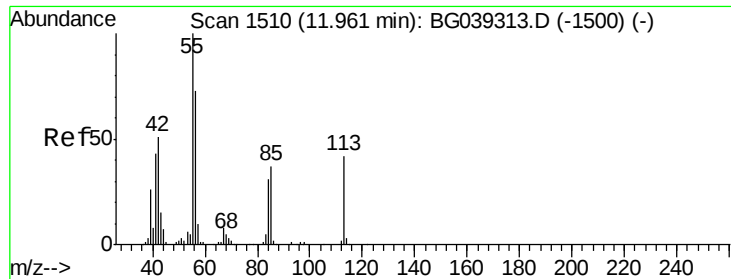
Tgt Ion:	127	Resp:	82151
Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.0	40.4
65	31.7	28.8	43.2
92	19.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 43.979 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:	225	Resp:	128183
Ion	Ratio	Lower	Upper
225	100		
223	67.8	49.0	73.6
227	61.7	46.3	69.5





#35

Caprolactam

Concen: 27.760 ng

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

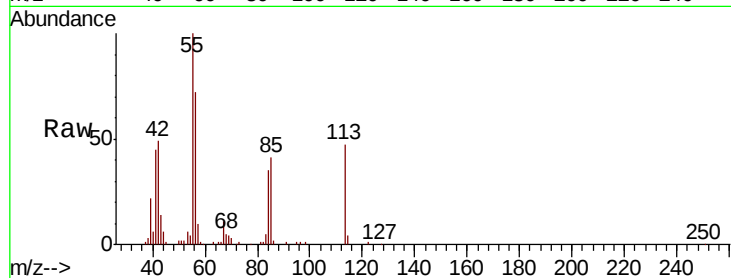
Tgt Ion:113 Resp: 44843

Ion Ratio Lower Upper

113 100

55 214.2 216.9 256.9#

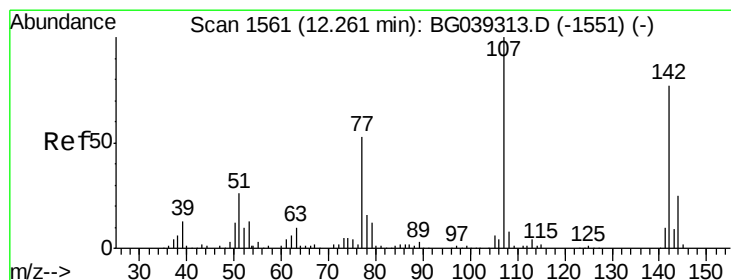
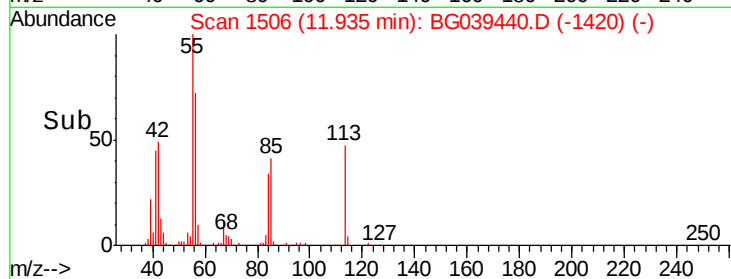
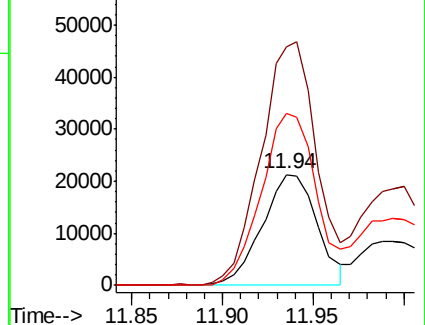
56 155.0 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.024 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

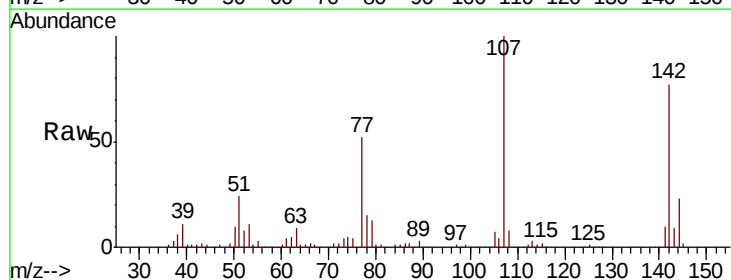
Tgt Ion:107 Resp: 230359

Ion Ratio Lower Upper

107 100

144 23.5 20.2 30.2

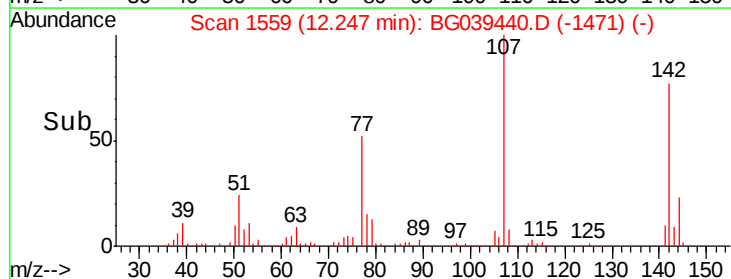
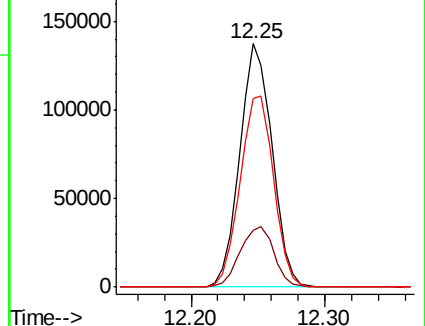
142 77.2 61.4 92.2

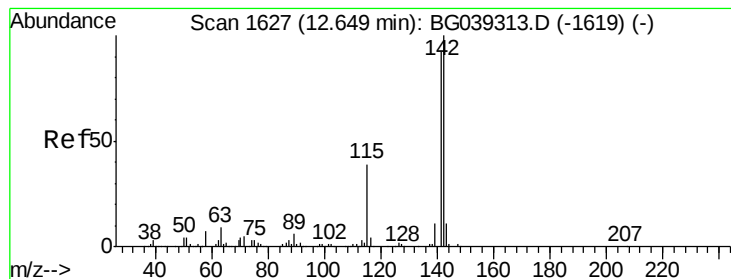


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.887 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

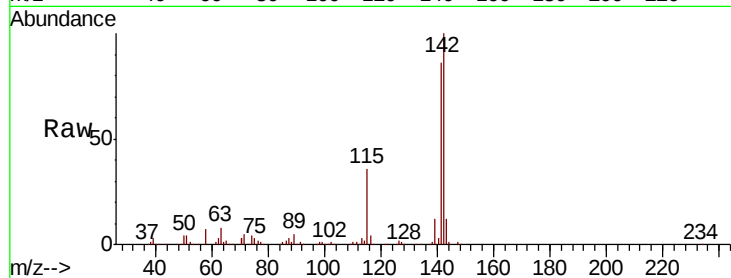
Tgt Ion:142 Resp: 456278

Ion Ratio Lower Upper

142 100

141 86.3 73.5 110.3

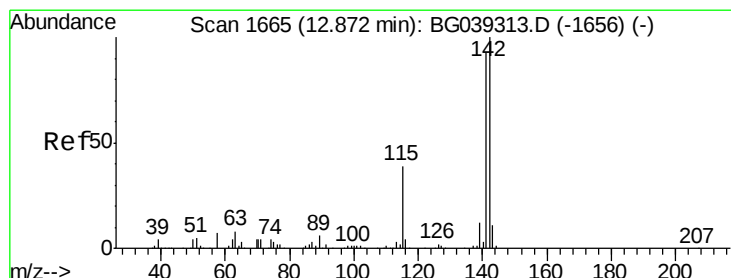
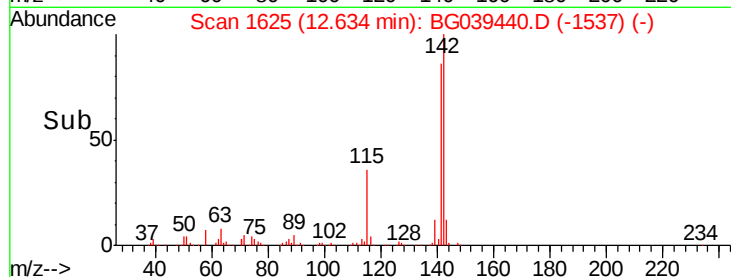
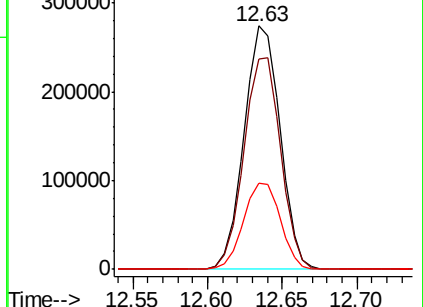
115 35.6 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.773 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

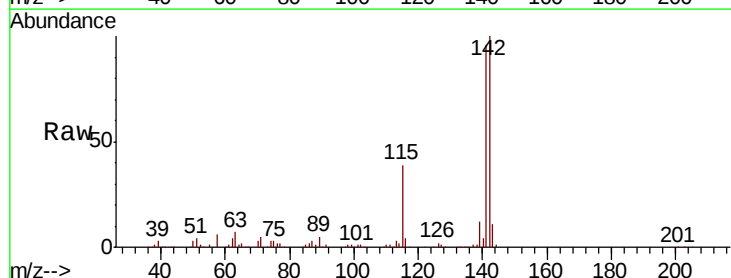
Tgt Ion:142 Resp: 430009

Ion Ratio Lower Upper

142 100

141 96.3 74.2 111.4

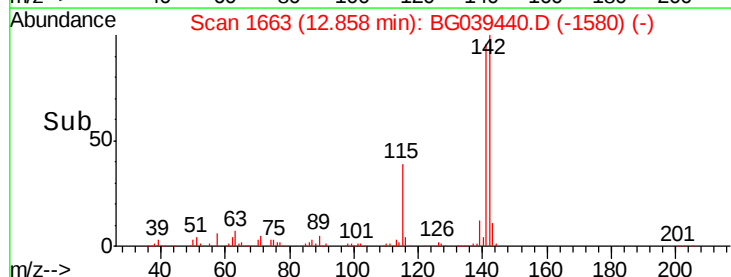
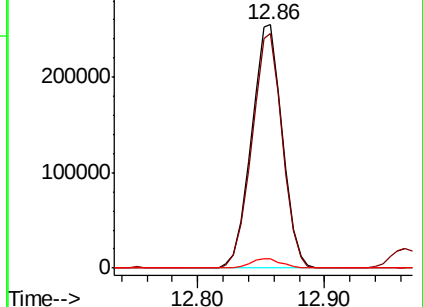
116 4.1 3.0 4.6

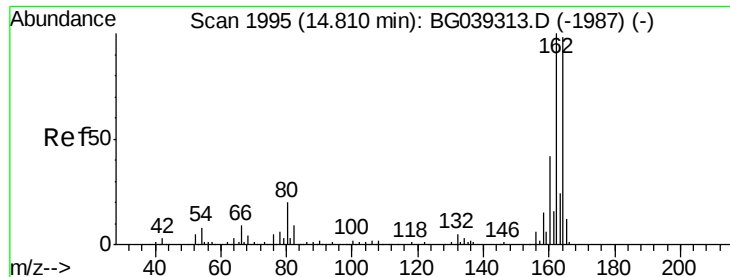


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

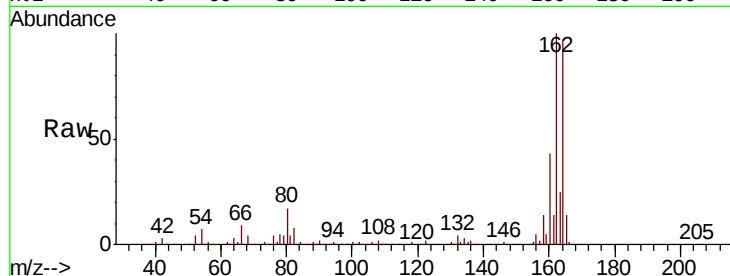
Tgt Ion:164 Resp: 169140

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

160 44.1 34.2 51.2

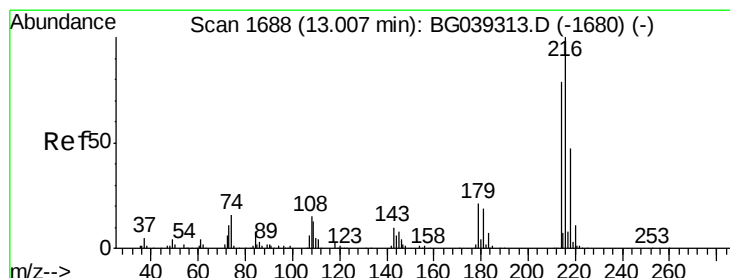
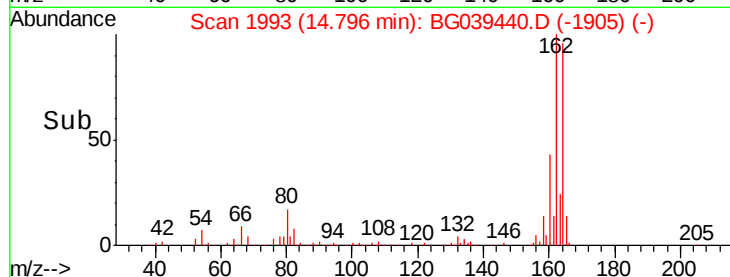
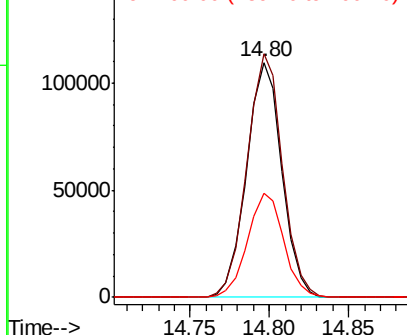


Abundance

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: 46.875 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Tgt Ion:216 Resp: 252259

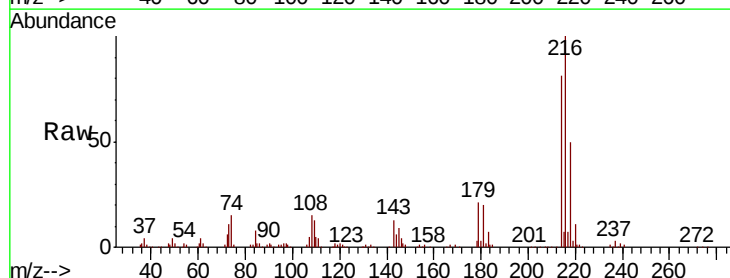
Ion Ratio Lower Upper

216 100

214 80.4 62.6 94.0

179 20.4 16.6 25.0

108 18.0 14.0 21.0



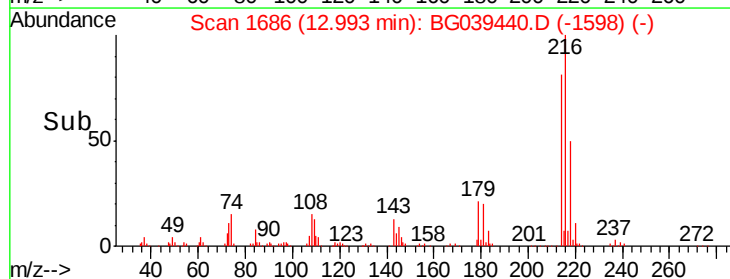
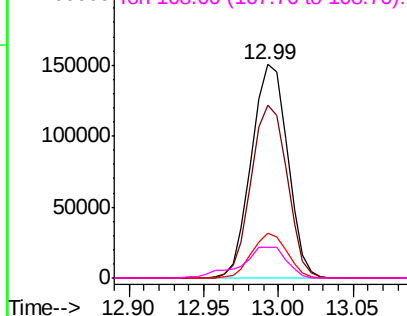
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.983 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

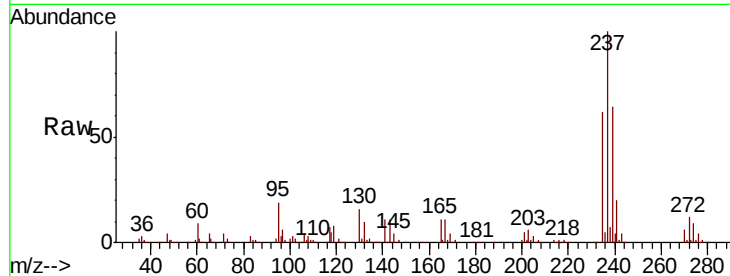
Tgt Ion:237 Resp: 296132

Ion Ratio Lower Upper

237 100

235 62.4 43.3 83.3

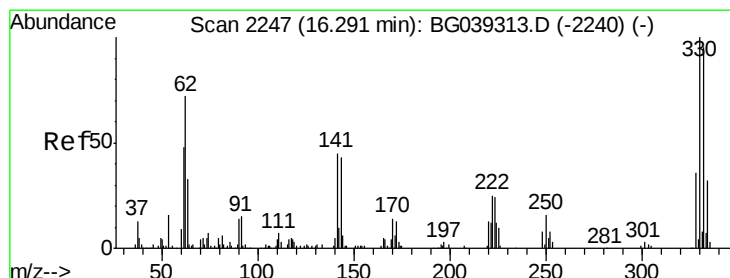
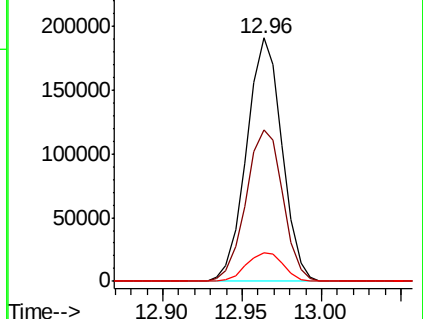
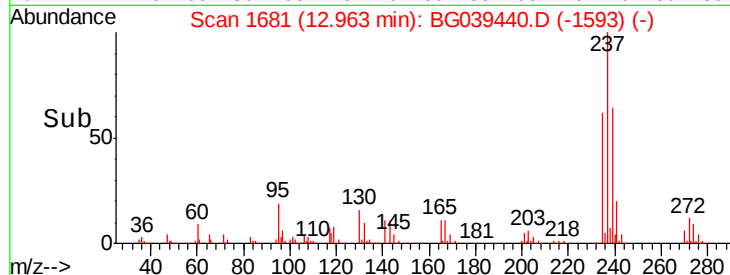
272 11.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 157.013 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

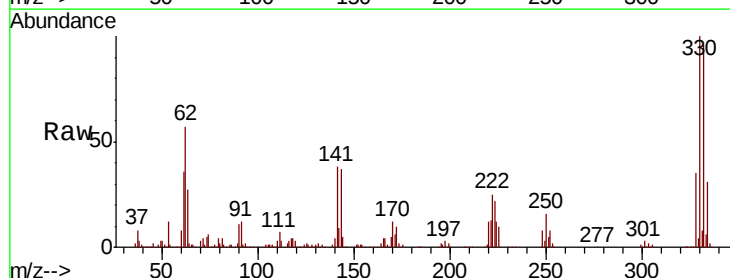
Tgt Ion:330 Resp: 285975

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

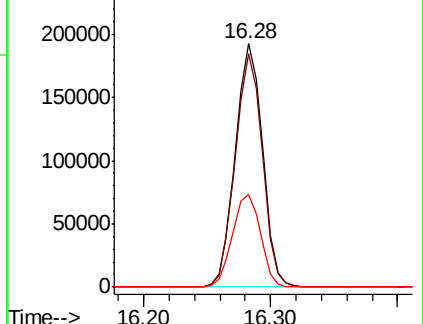
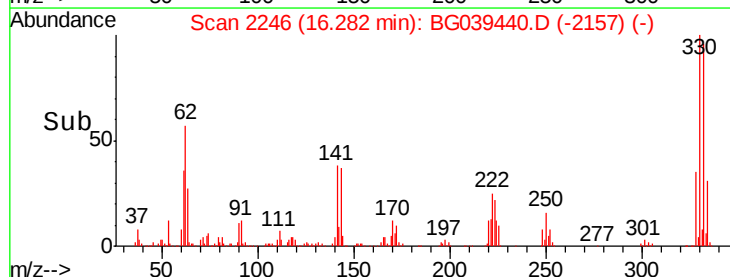
141 39.3 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

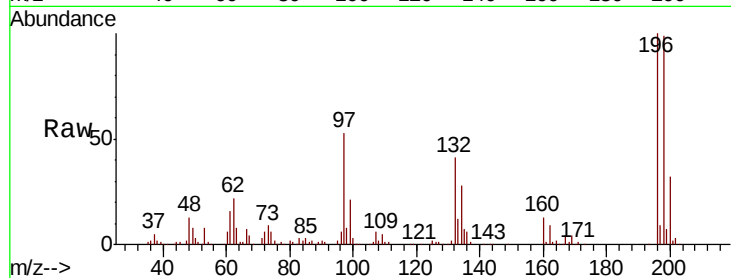




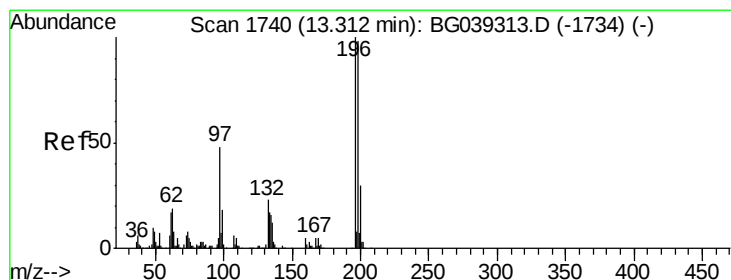
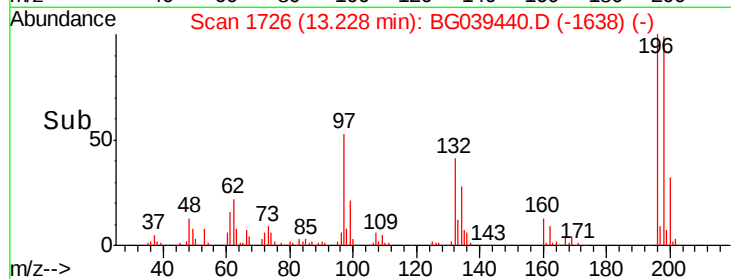
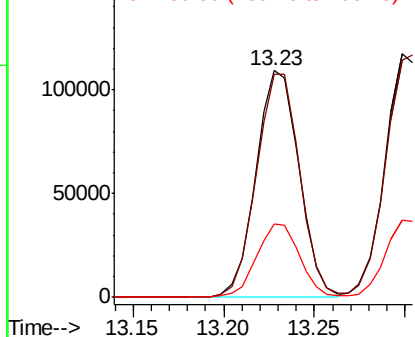
#43
 2,4,6-Trichlorophenol
 Concen: 54.484 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

Tgt Ion:196 Resp: 180281
 Ion Ratio Lower Upper
 196 100
 198 98.8 80.6 121.0
 200 32.3 26.1 39.1

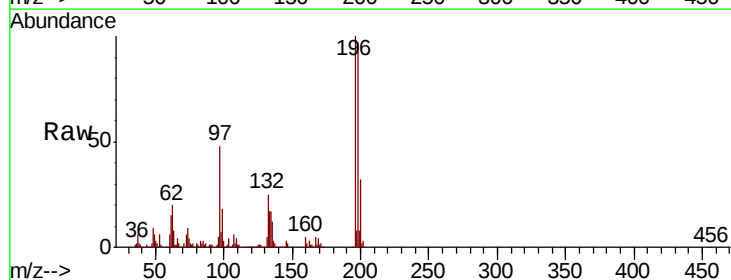


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

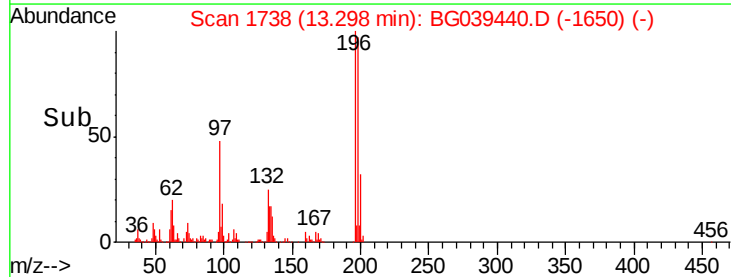
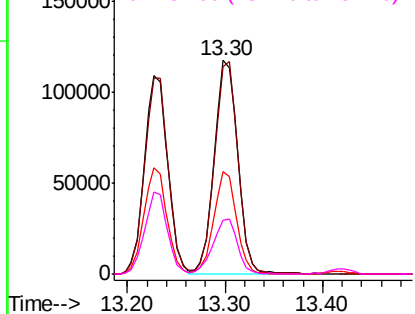


#44
 2,4,5-Trichlorophenol
 Concen: 56.801 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion:196 Resp: 196984
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.5 117.7
 97 47.9 38.4 57.6
 132 25.3 19.2 28.8



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

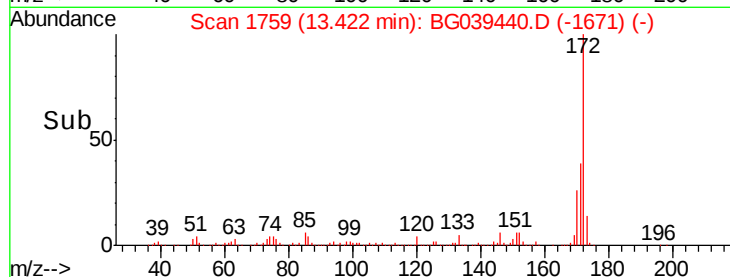
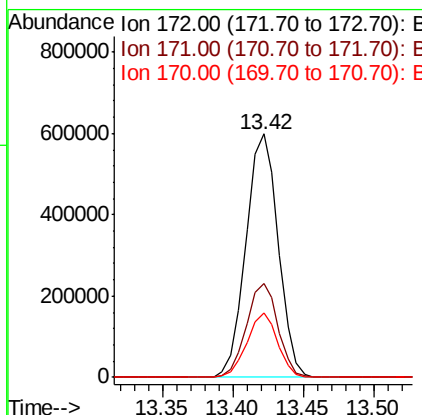
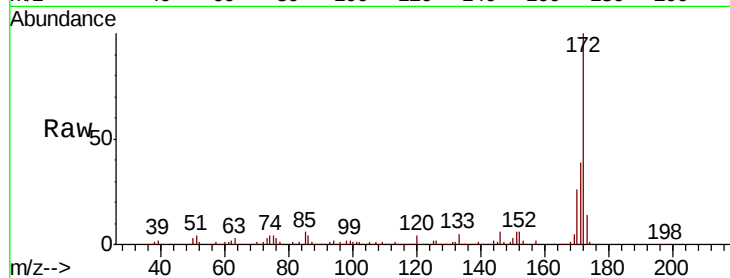




#45
 2-Fluorobiphenyl
 Concen: 81.261 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

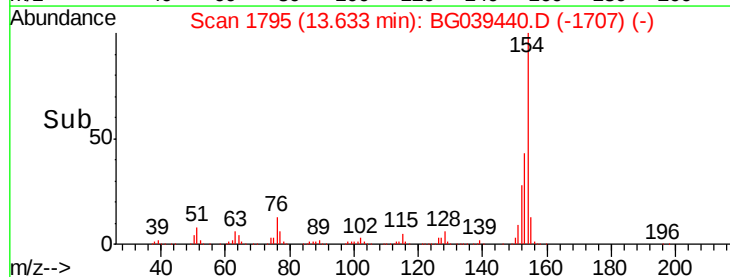
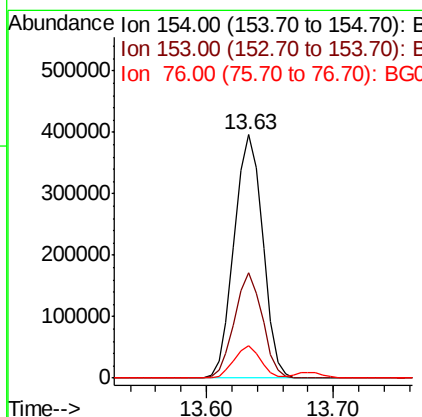
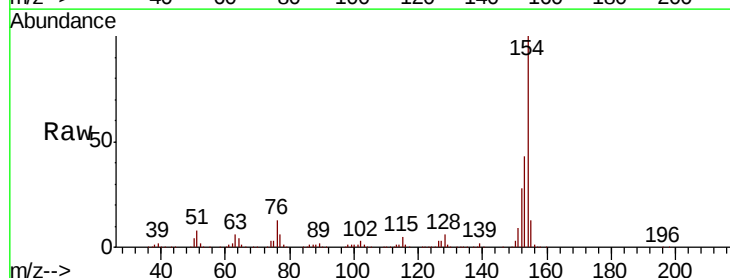
Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

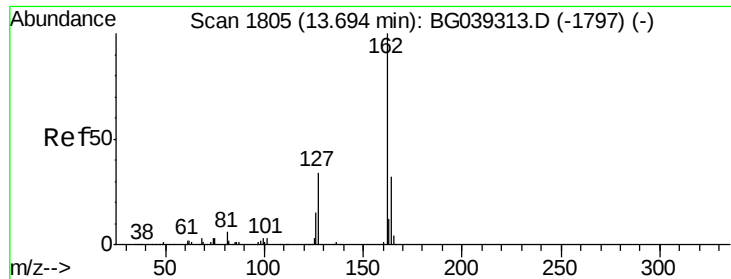
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	26.3	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 43.955 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.1	62.1
76	13.1	0.0	32.4





#47

2-Chloronaphthalene

Concen: 45.384 ng

RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

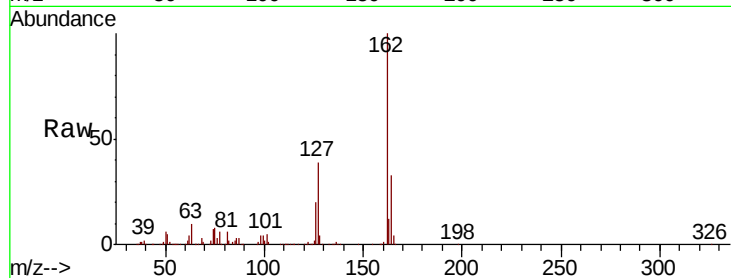
Tgt Ion: 162 Resp: 480466

Ion Ratio Lower Upper

162 100

127 39.4 31.0 46.6

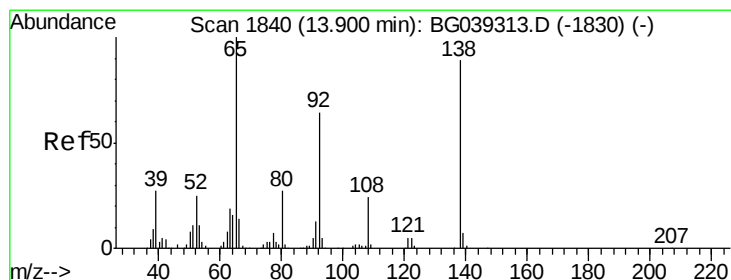
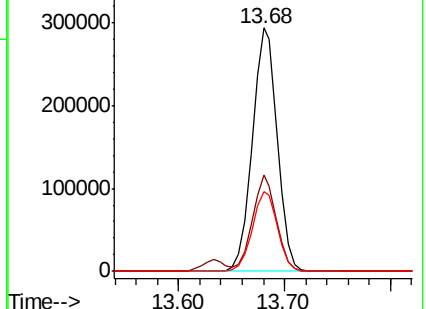
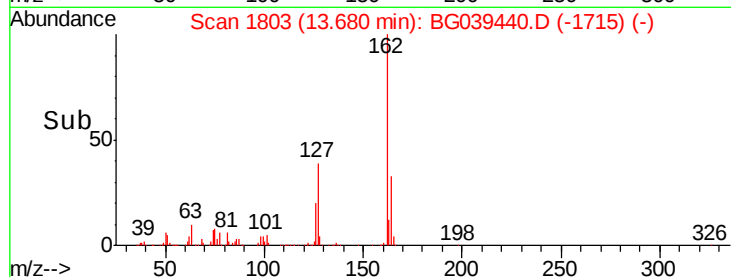
164 32.6 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 52.683 ng

RT: 13.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

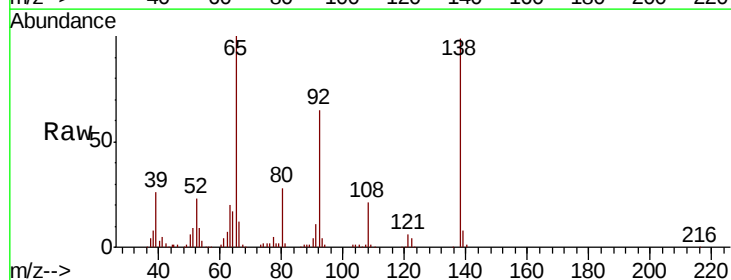
Tgt Ion: 65 Resp: 163195

Ion Ratio Lower Upper

65 100

92 65.0 51.4 77.2

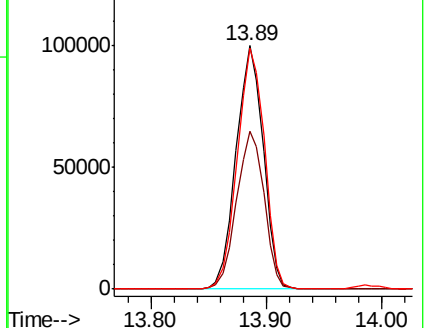
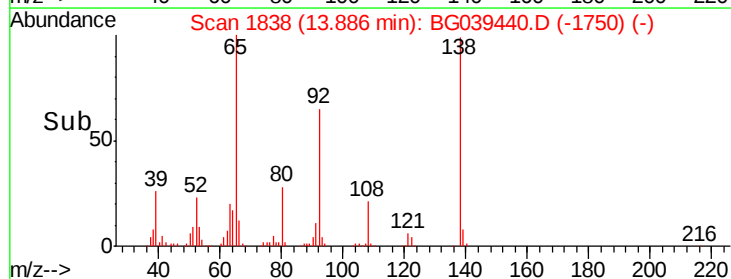
138 98.8 71.4 107.2

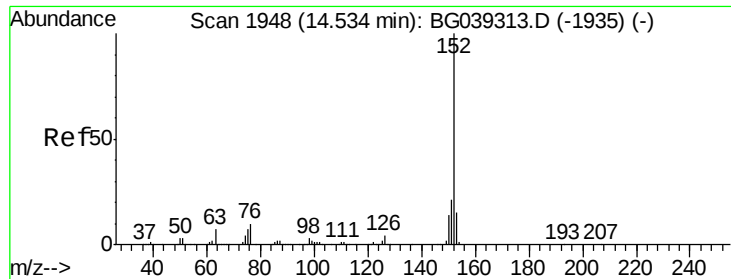


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.124 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

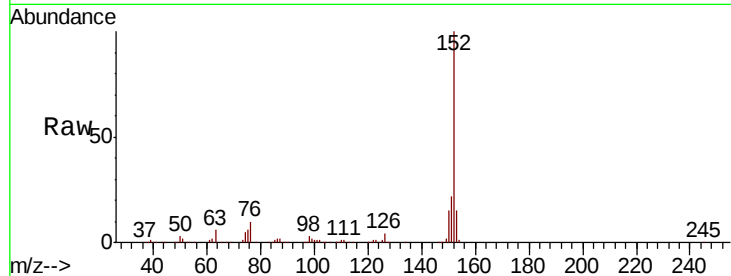
Tgt Ion:152 Resp: 768752

Ion Ratio Lower Upper

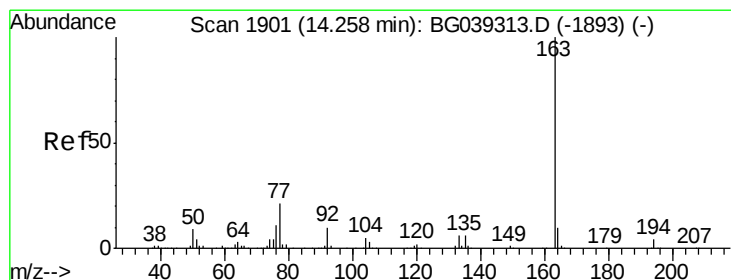
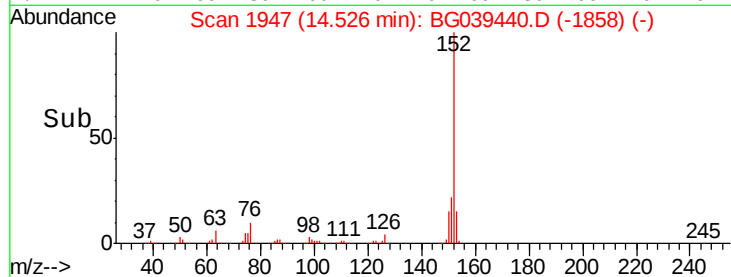
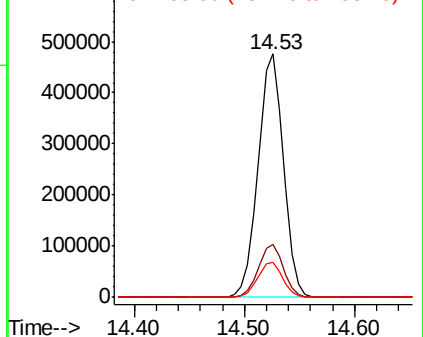
152 100

151 21.8 16.8 25.2

153 14.6 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: 53.445 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

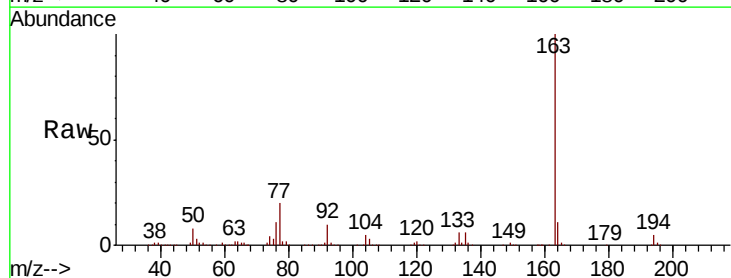
Tgt Ion:163 Resp: 730083

Ion Ratio Lower Upper

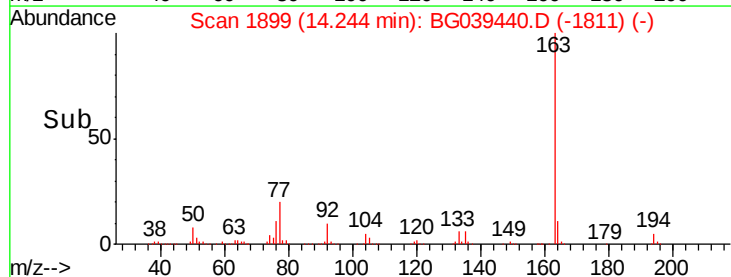
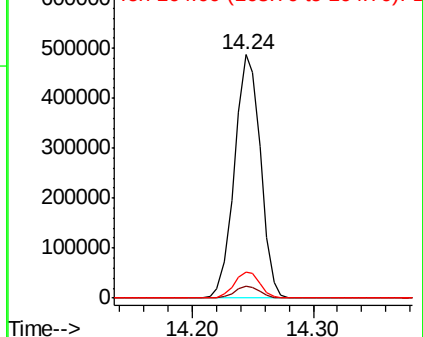
163 100

194 4.7 3.6 5.4

164 10.8 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

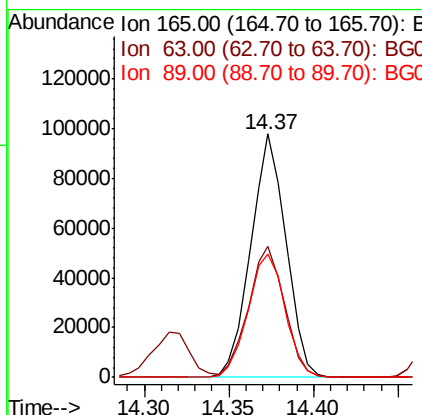
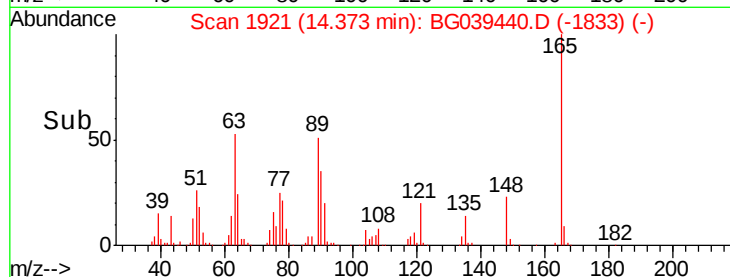
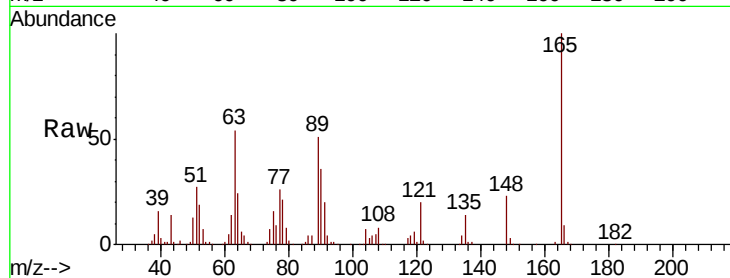




#51
 2,6-Dinitrotoluene
 Concen: 54.502 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

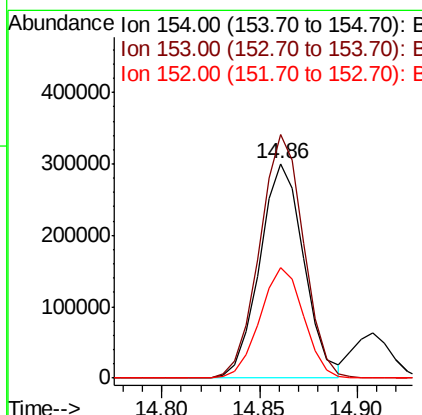
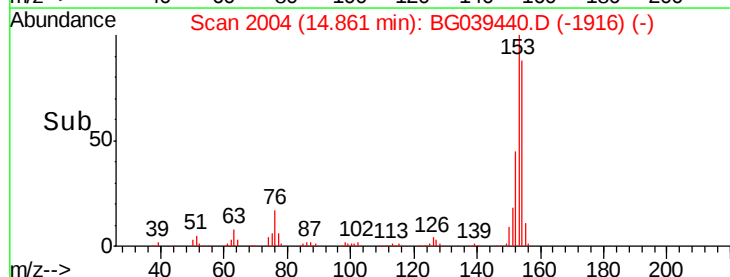
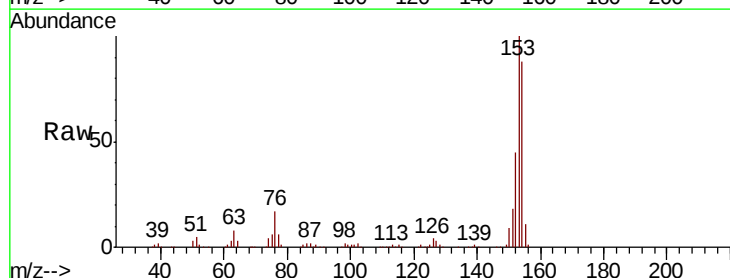
Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

Tgt Ion:165 Resp: 141775
 Ion Ratio Lower Upper
 165 100
 63 53.9 47.0 70.6
 89 50.8 45.8 68.8



#52
 Acenaphthene
 Concen: 45.359 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion:154 Resp: 470342
 Ion Ratio Lower Upper
 154 100
 153 113.5 90.1 135.1
 152 51.6 40.9 61.3

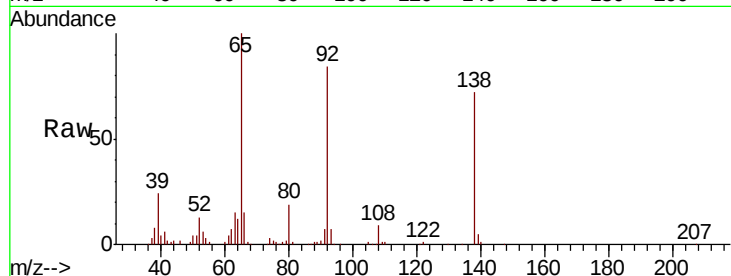




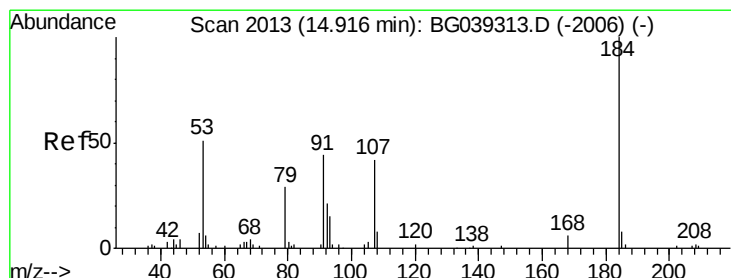
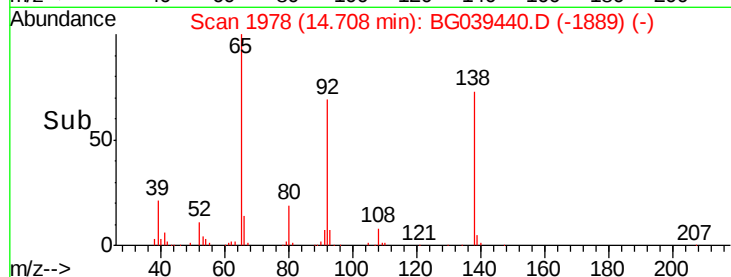
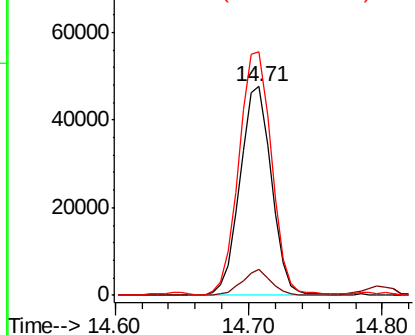
#53
3-Nitroaniline
Concen: 30.543 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:138 Resp: 77540
Ion Ratio Lower Upper
138 100
108 12.3 13.8 20.8#
92 116.8 103.7 155.5

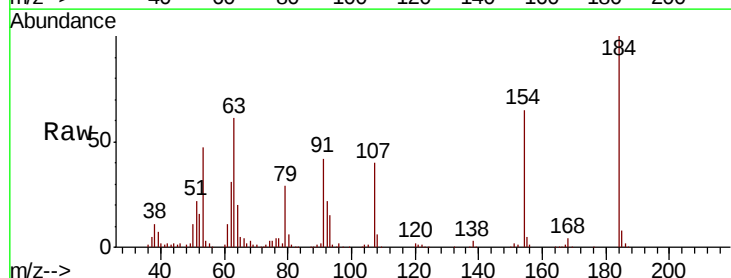


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

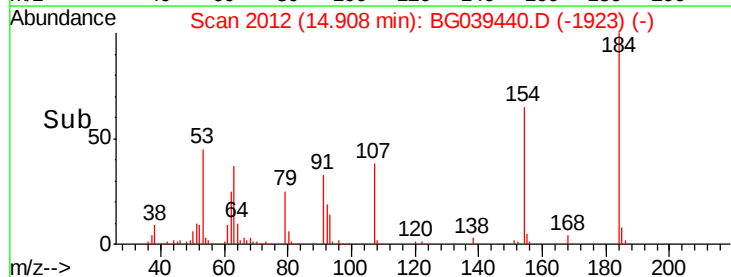
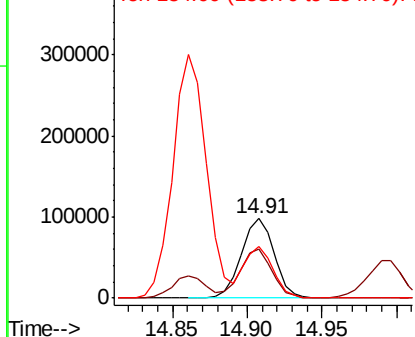


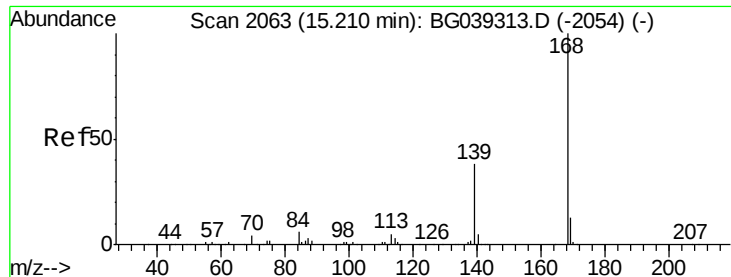
#54
2,4-Dinitrophenol
Concen: 110.815 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:184 Resp: 148688
Ion Ratio Lower Upper
184 100
63 61.1 50.9 76.3
154 65.2 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

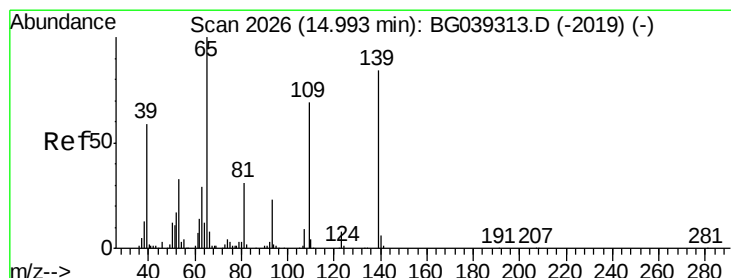
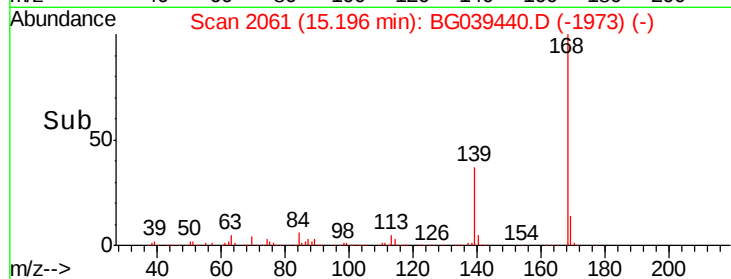
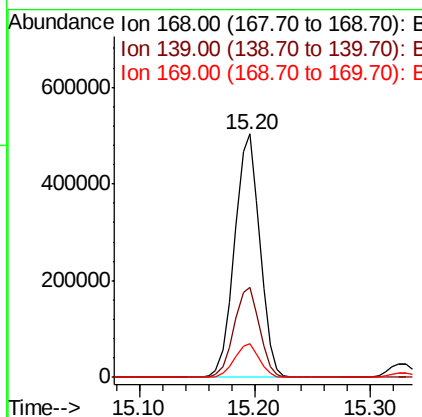
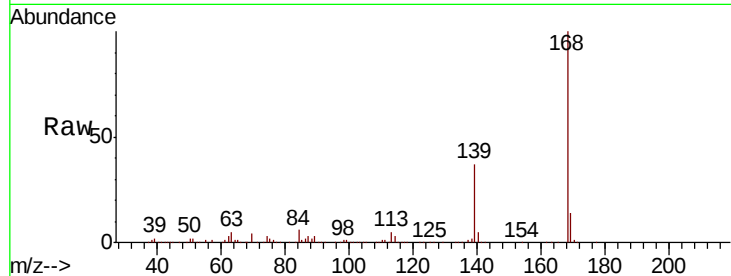




#55
Dibenzofuran
Concen: 45.589 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

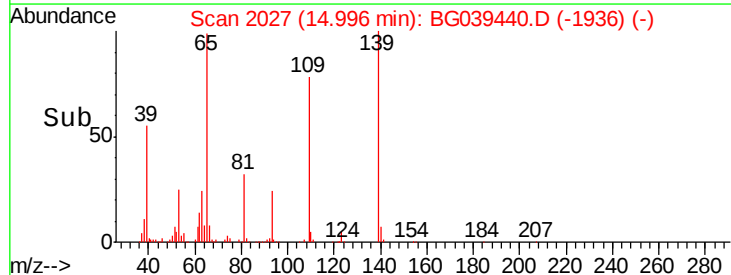
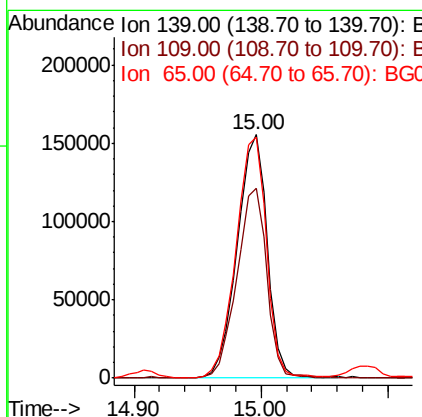
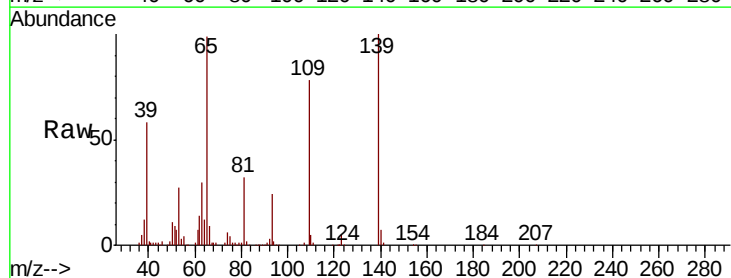
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

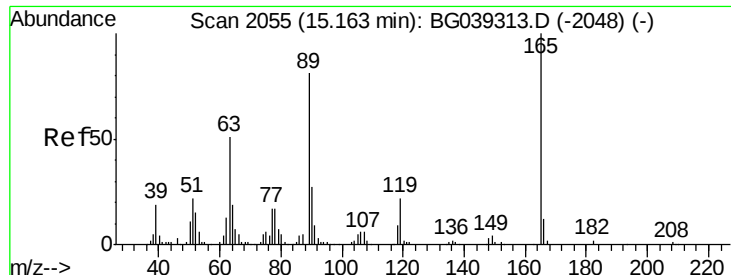
Tgt Ion:168 Resp: 757949
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 14.1 10.6 16.0



#56
4-Nitrophenol
Concen: 101.537 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:139 Resp: 254942
Ion Ratio Lower Upper
139 100
109 78.0 61.9 101.9
65 98.9 99.1 139.1#

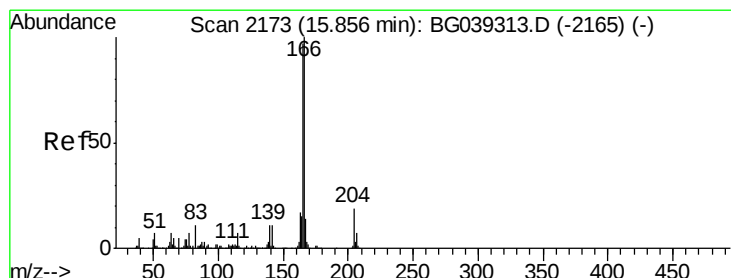
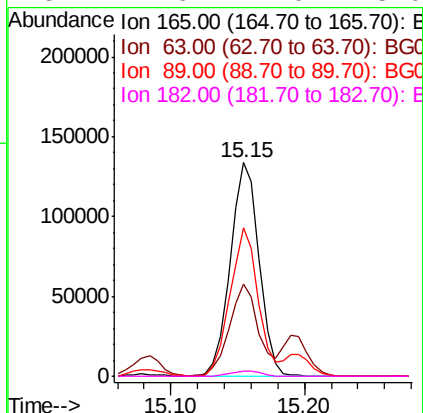
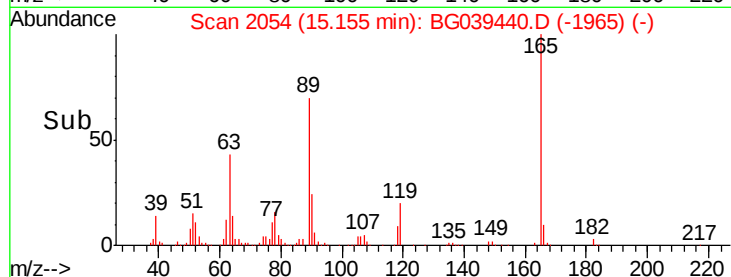
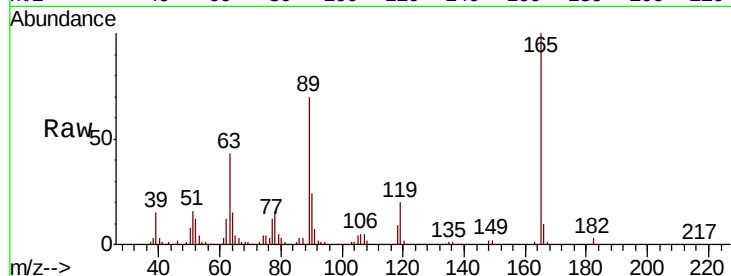




#57
2,4-Dinitrotoluene
Concen: 59.224 ng
RT: 15.15 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

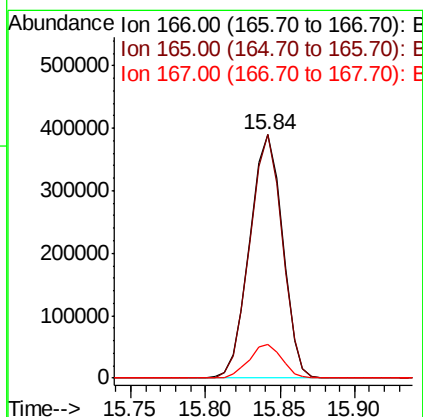
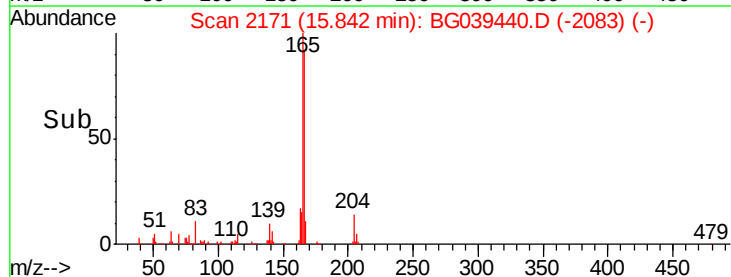
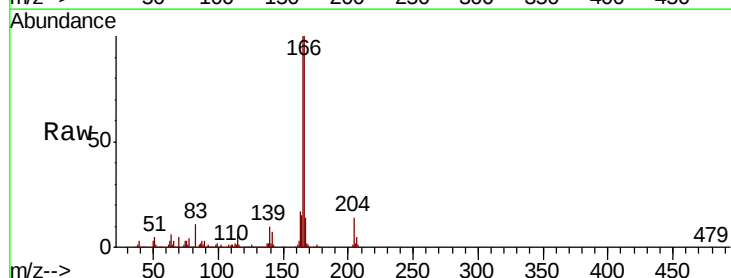
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

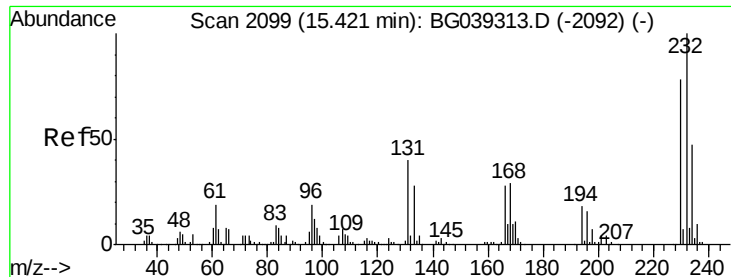
Tgt Ion:165 Resp: 200833
Ion Ratio Lower Upper
165 100
63 43.2 41.0 61.6
89 69.7 64.6 96.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 47.905 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:166 Resp: 593716
Ion Ratio Lower Upper
166 100
165 100.1 77.9 116.9
167 13.7 10.8 16.2

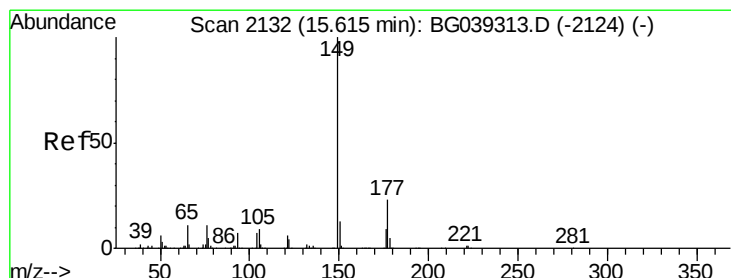
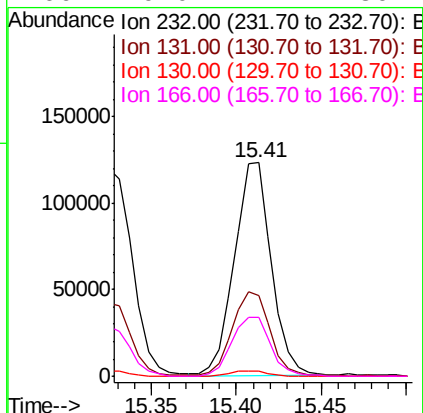
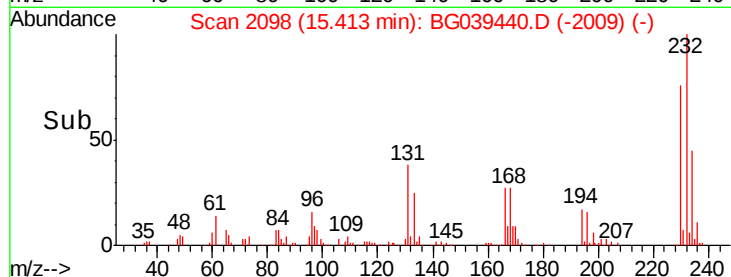
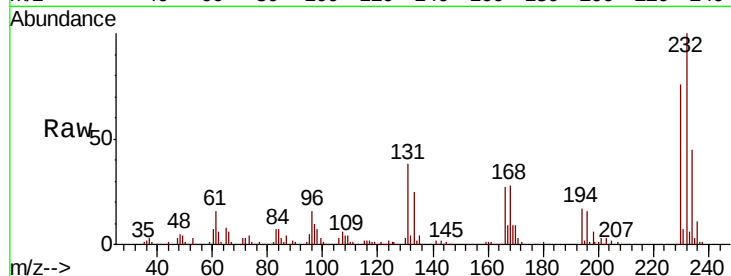




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.591 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

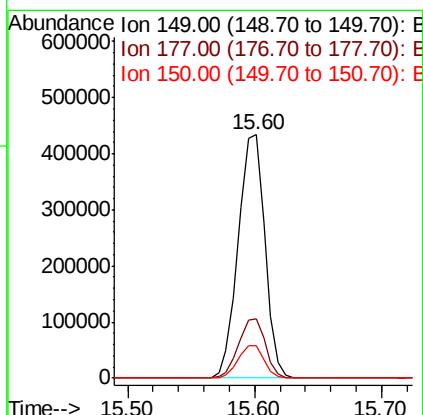
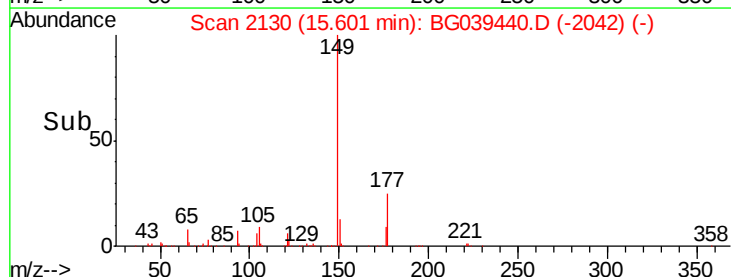
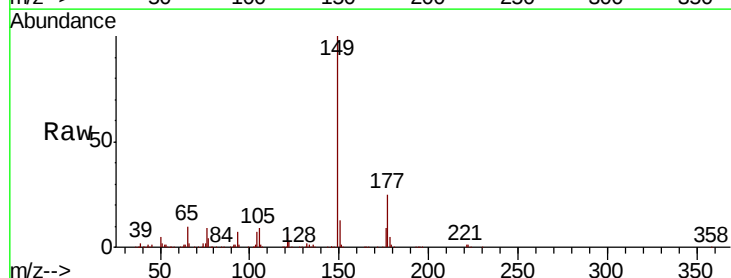
Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

Tgt Ion:	232	Resp:	187002
Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.9	52.3
130	2.6	2.0	3.0
166	29.0	24.1	36.1



#60
 Diethylphthalate
 Concen: 44.693 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion:	149	Resp:	631233
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	13.3	10.2	15.2

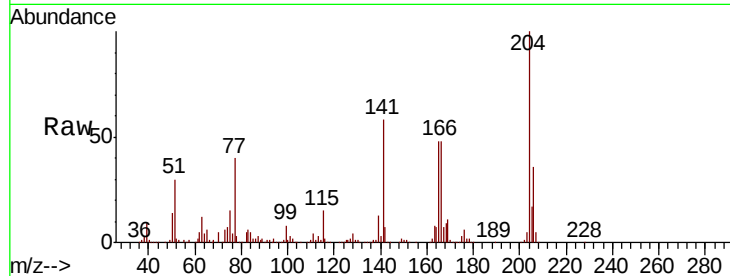




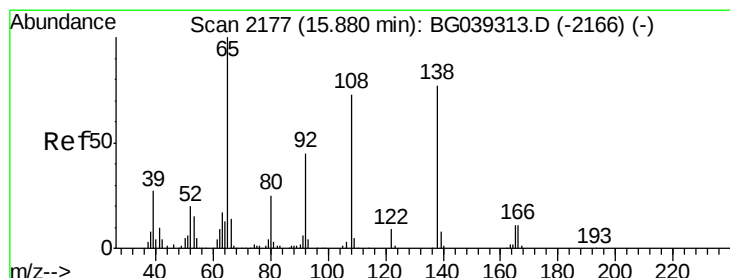
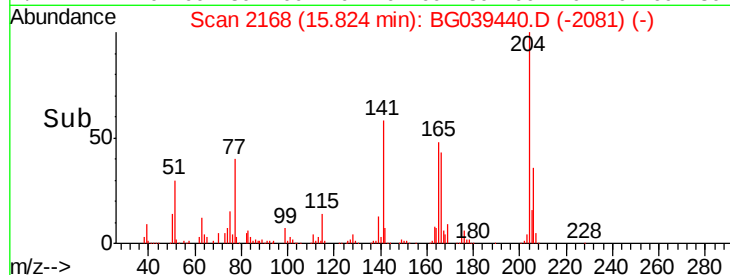
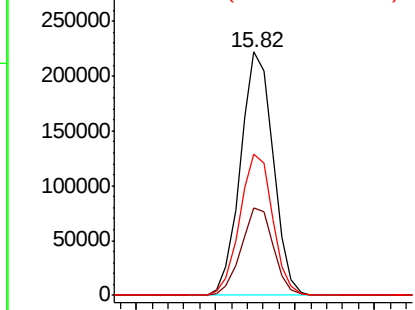
#61
 4-Chlorophenyl-phenylether
 Concen: 45.240 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Instrument :
 BNA_G
 ClientSampleId :
 M-9-DMSD

Tgt Ion:204 Resp: 317479
 Ion Ratio Lower Upper
 204 100
 206 35.9 29.2 43.8
 141 58.0 49.0 73.4

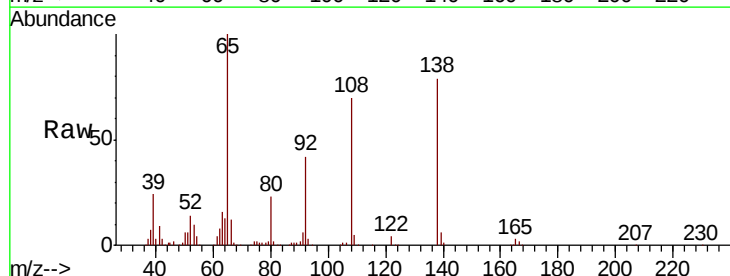


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

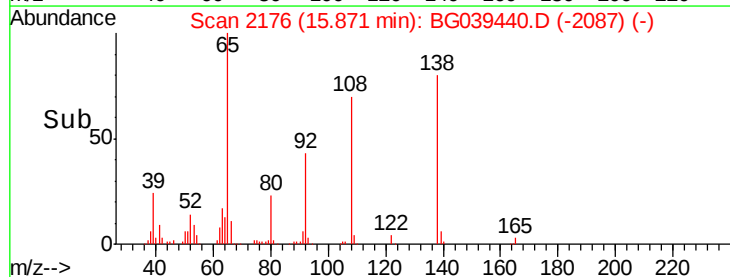
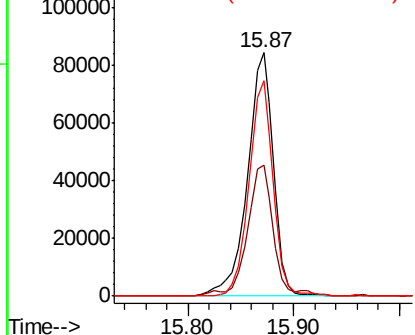


#62
 4-Nitroaniline
 Concen: 50.286 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039440.D
 Acq: 11 Feb 2019 18:51

Tgt Ion:138 Resp: 144676
 Ion Ratio Lower Upper
 138 100
 92 53.6 38.7 78.7
 108 88.4 74.6 114.6



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

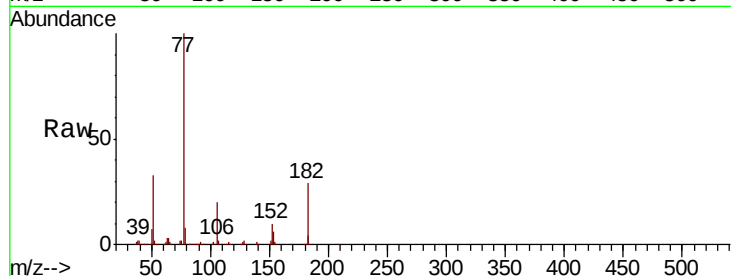




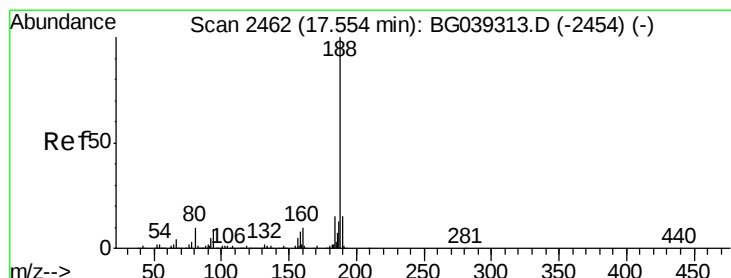
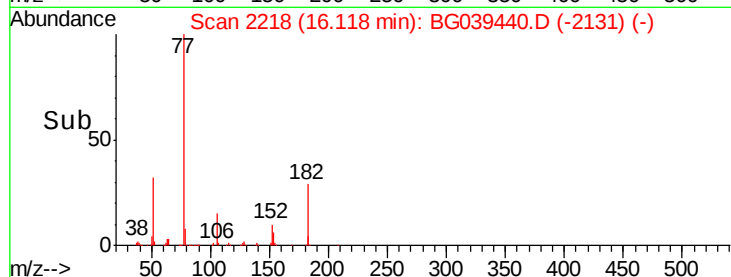
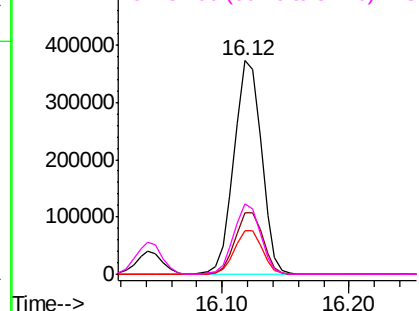
#63
Azobenzene
Concen: 40.463 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion: 77 Resp: 558581
Ion Ratio Lower Upper
77 100
182 28.5 6.4 46.4
105 20.3 0.0 39.8
51 32.9 14.1 54.1

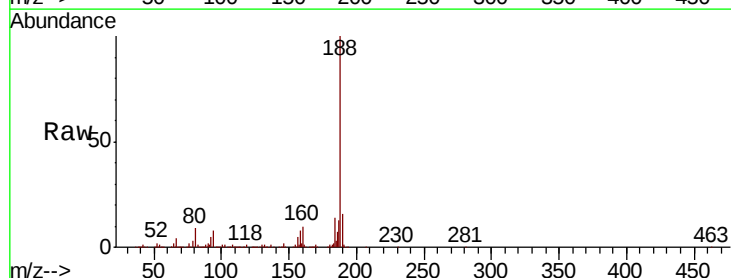


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

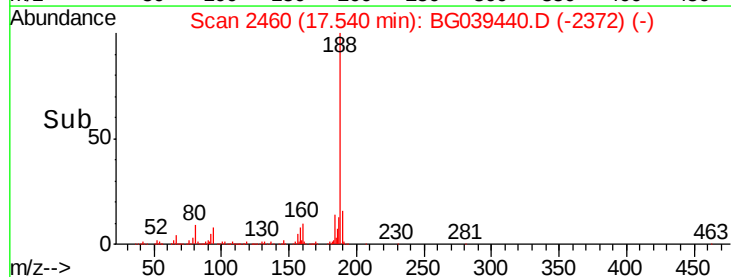
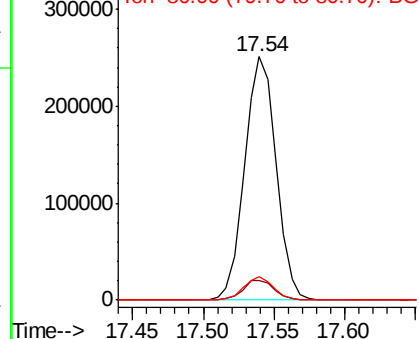


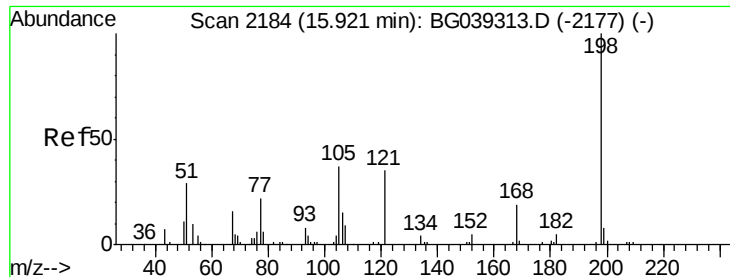
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion: 188 Resp: 391225
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 64.600 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

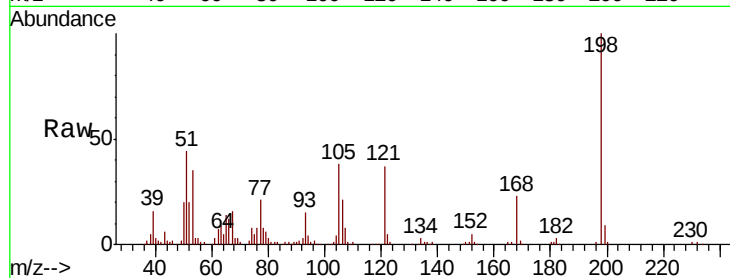
BNA_G

ClientSampleId :

M-9-DMSD

Tgt Ion:198 Resp: 113096

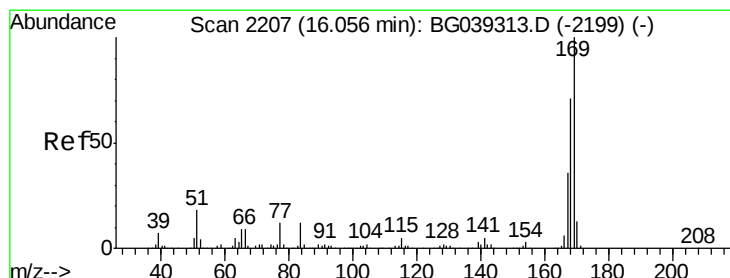
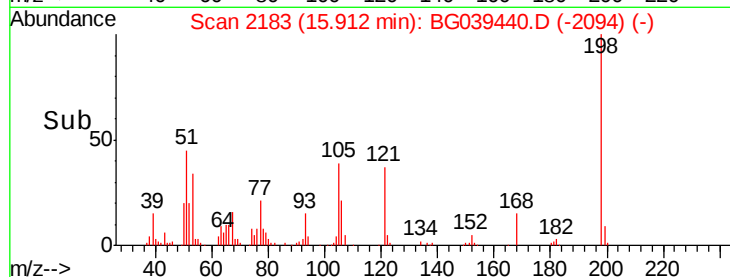
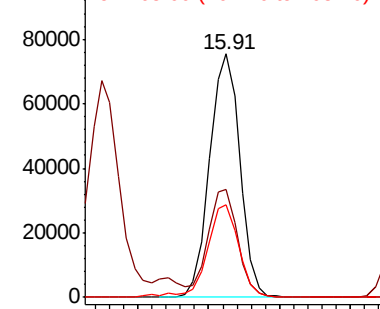
Ion	Ratio	Lower	Upper
198	100		
51	44.4	27.4	67.4
105	38.0	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039440.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.236 ng

RT: 16.04 min Scan# 2205

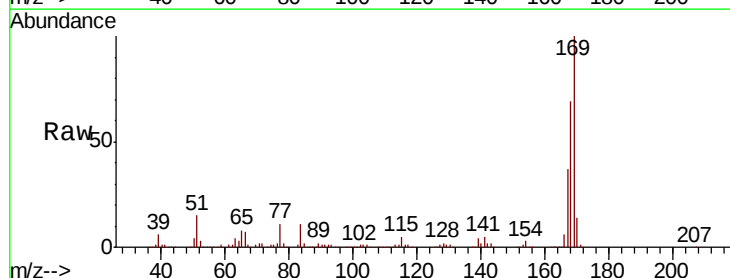
Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Tgt Ion:169 Resp: 550012

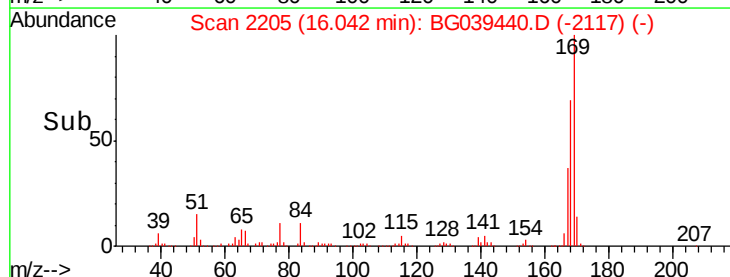
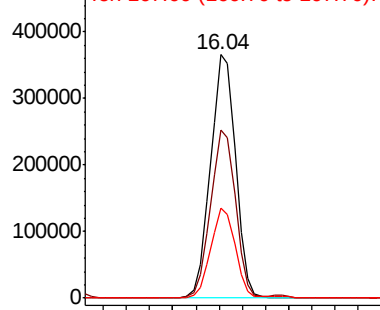
Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.6	85.0
167	36.8	28.8	43.2

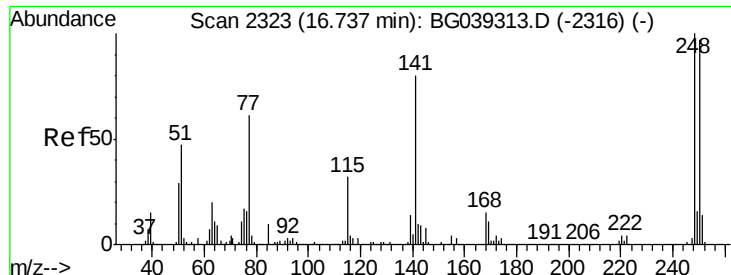


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

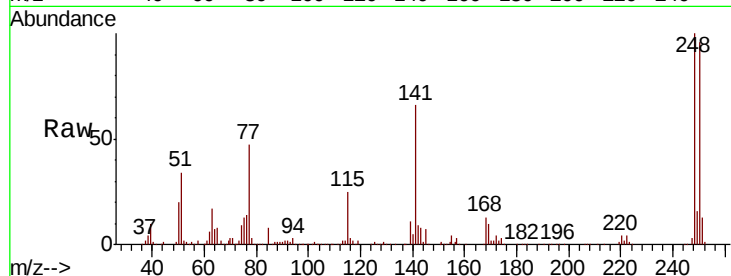




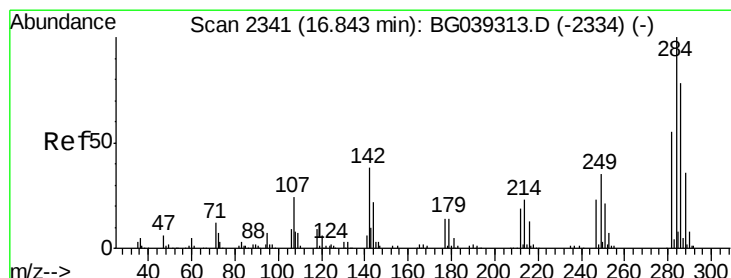
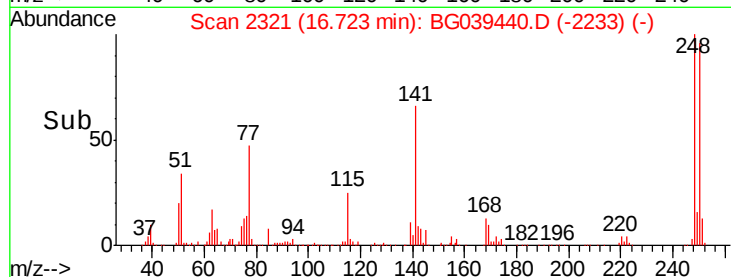
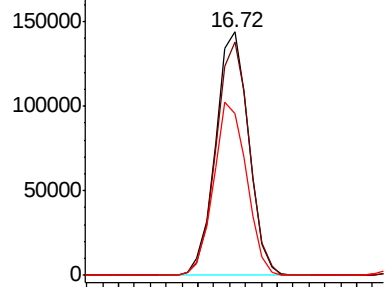
#67
4-Bromophenyl-phenylether
Concen: 47.965 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:248 Resp: 208177
Ion Ratio Lower Upper
248 100
250 95.9 77.6 116.4
141 66.4 63.9 95.9

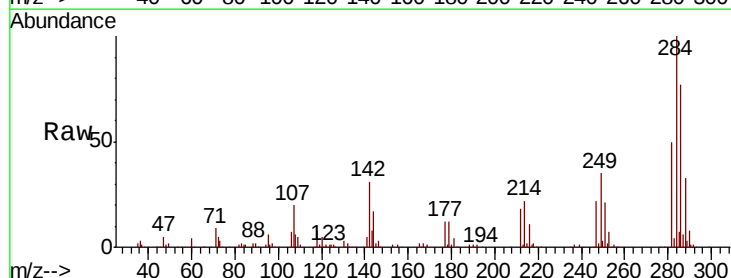


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

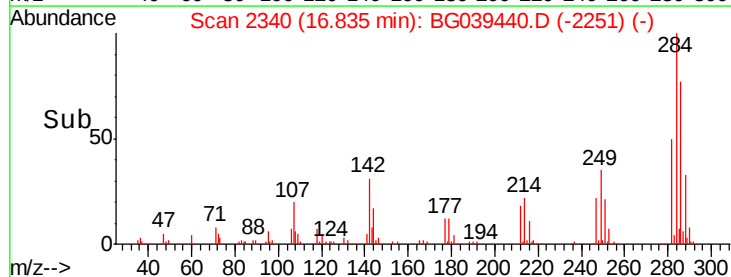
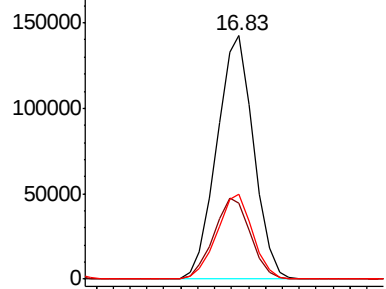


#68
Hexachlorobenzene
Concen: 49.371 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:284 Resp: 214989
Ion Ratio Lower Upper
284 100
142 31.4 30.6 45.8
249 34.8 28.2 42.2



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





#69

Atrazine

Concen: 49.788 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

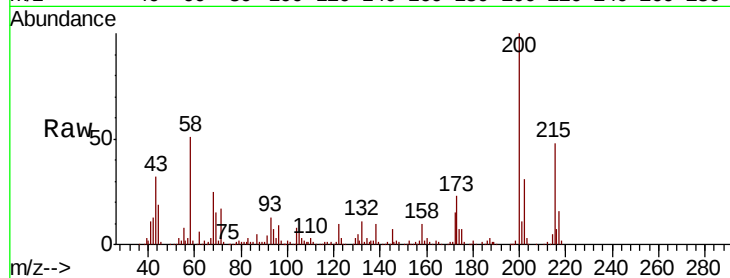
Tgt Ion:200 Resp: 216438

Ion Ratio Lower Upper

200 100

173 23.2 3.9 43.9

215 48.2 30.9 70.9

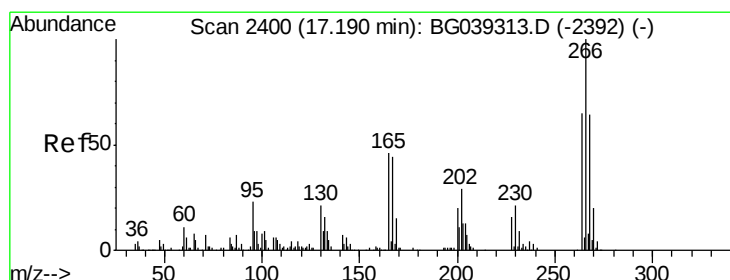
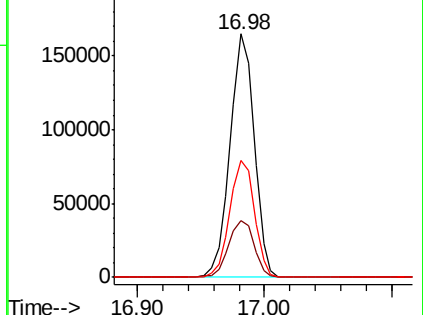
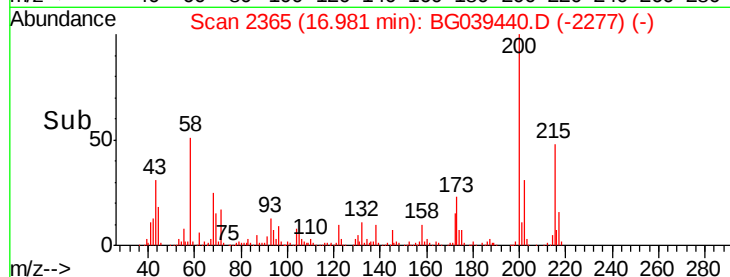


Abundance

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: 93.520 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

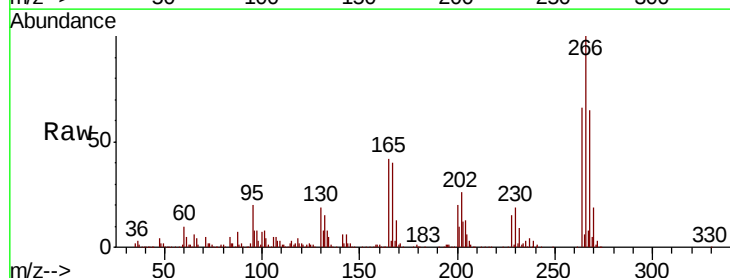
Tgt Ion:266 Resp: 283036

Ion Ratio Lower Upper

266 100

268 64.8 51.1 76.7

264 65.8 52.1 78.1

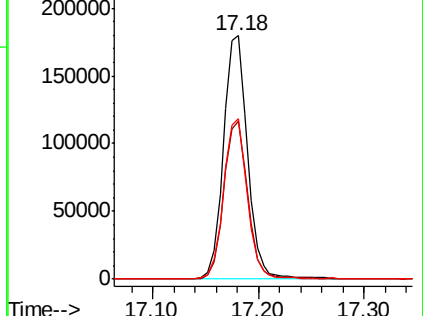
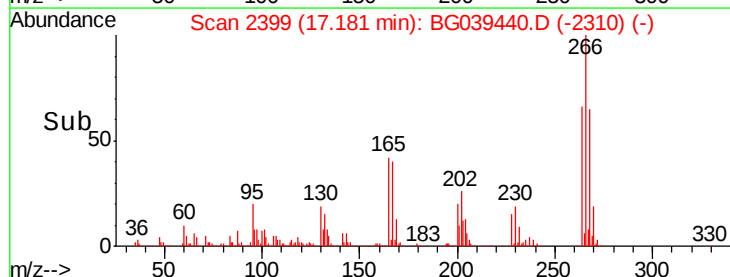


Abundance

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

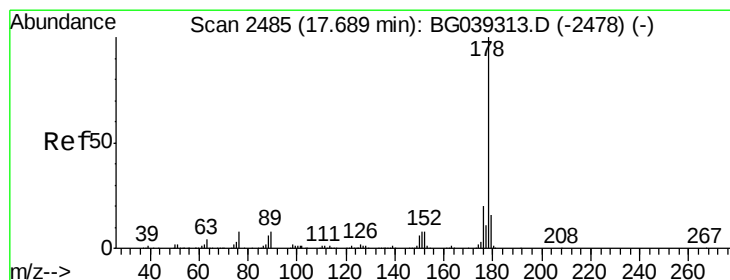
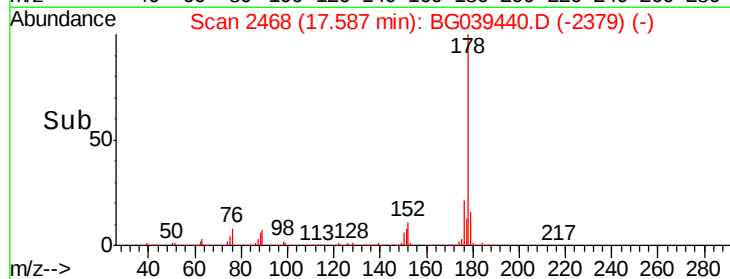
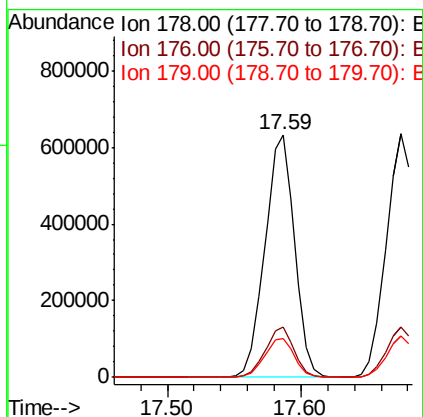
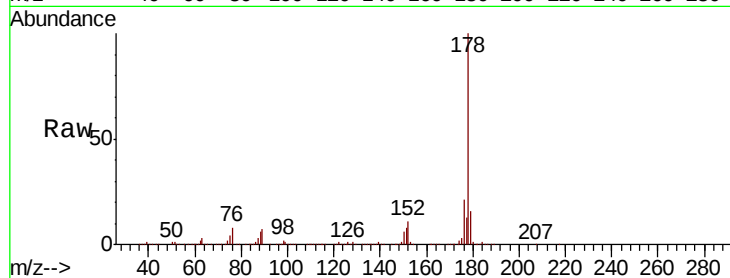




#71
Phenanthrene
Concen: 47.779 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

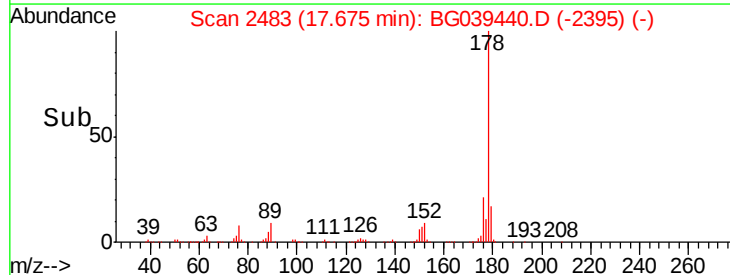
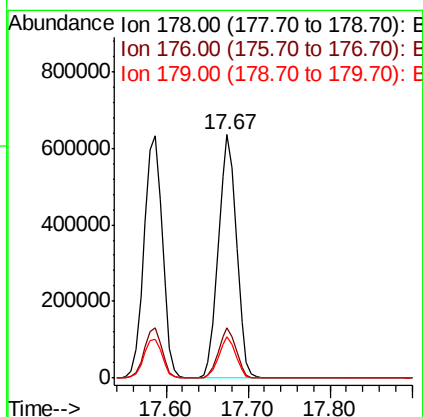
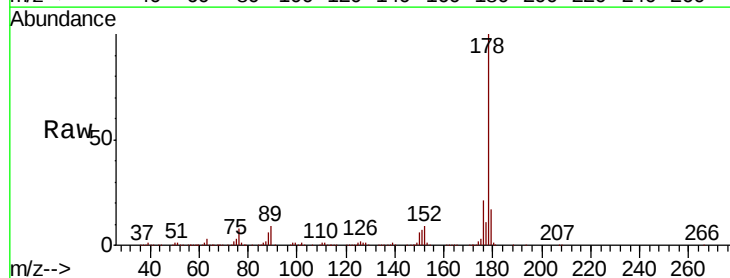
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:178 Resp: 967458
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 49.187 ng
RT: 17.67 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:178 Resp: 981041
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 16.9 12.5 18.7





#73

Carbazole

Concen: 43.489 ng

RT: 17.94 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

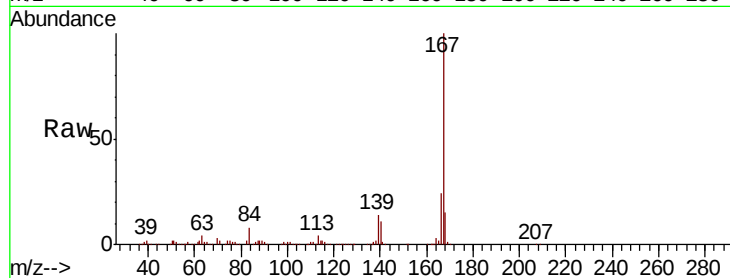
Tgt Ion:167 Resp: 865645

Ion Ratio Lower Upper

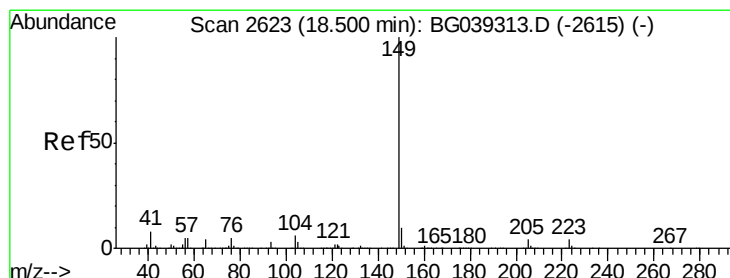
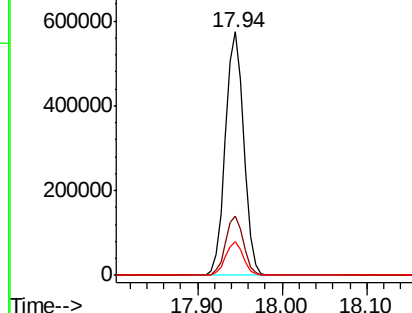
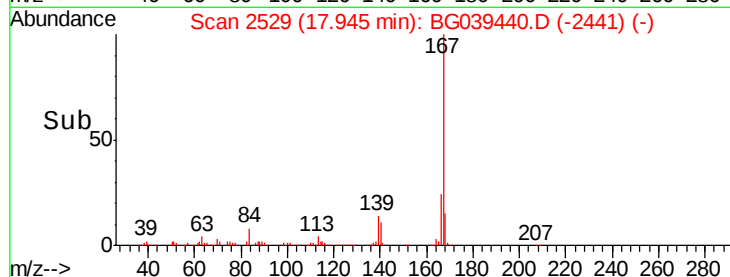
167 100

166 24.3 19.4 29.2

139 13.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.414 ng

RT: 18.48 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

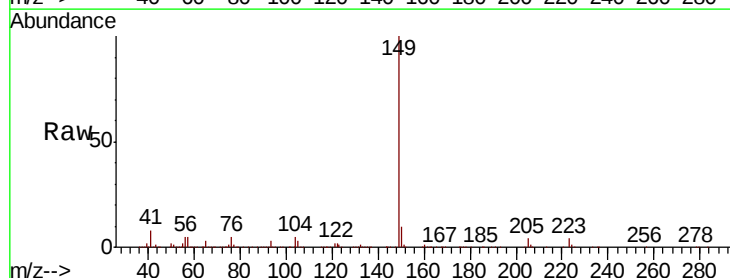
Tgt Ion:149 Resp: 1031364

Ion Ratio Lower Upper

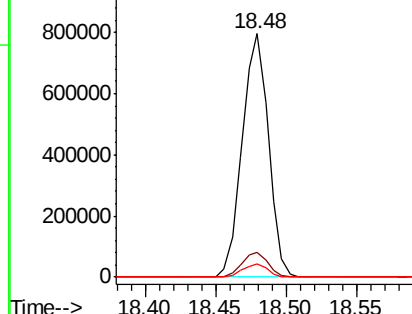
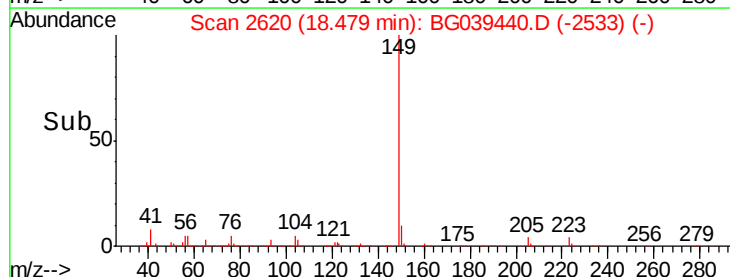
149 100

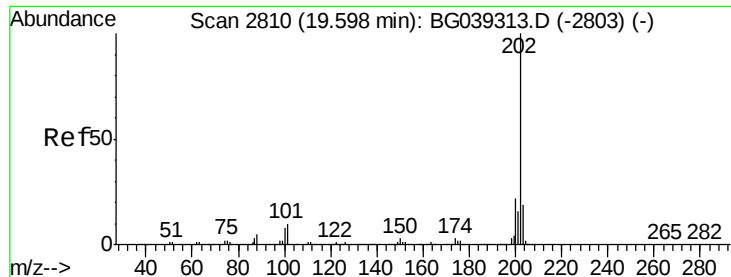
150 10.2 7.7 11.5

104 5.3 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.474 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

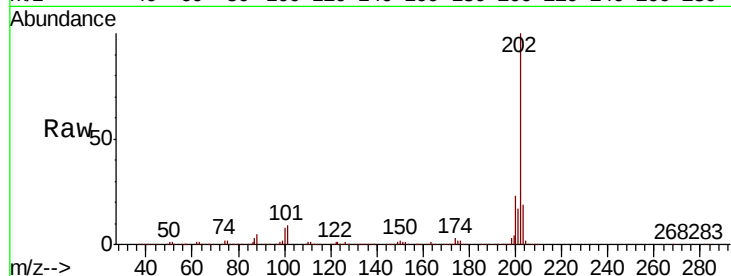
Tgt Ion:202 Resp: 1139245

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

203 18.8 0.0 38.9

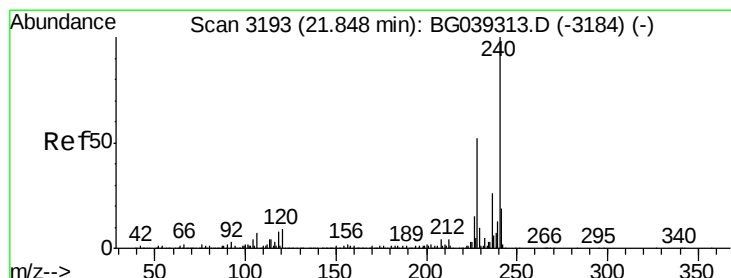
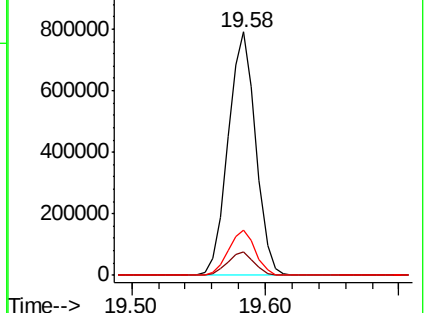
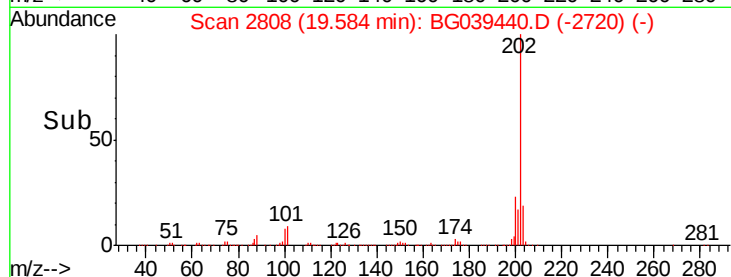


Abundance

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# 3191

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

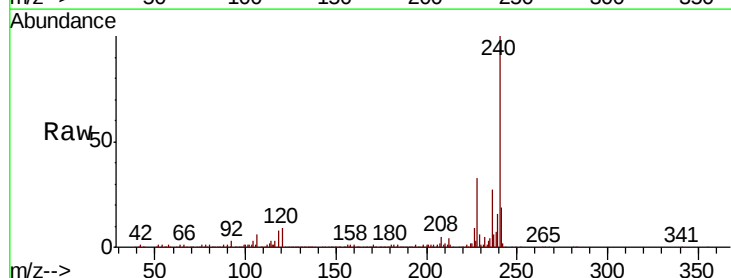
Tgt Ion:240 Resp: 383300

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

236 26.7 21.0 31.4

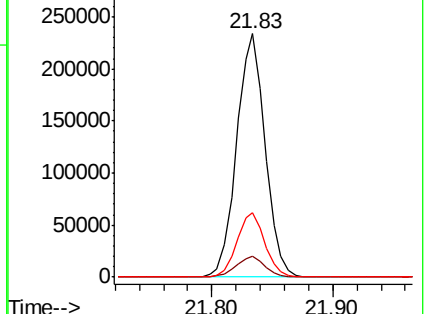
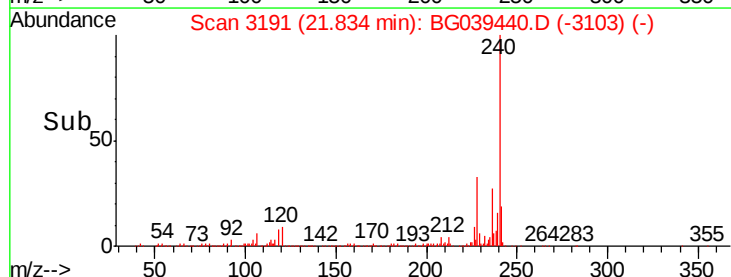


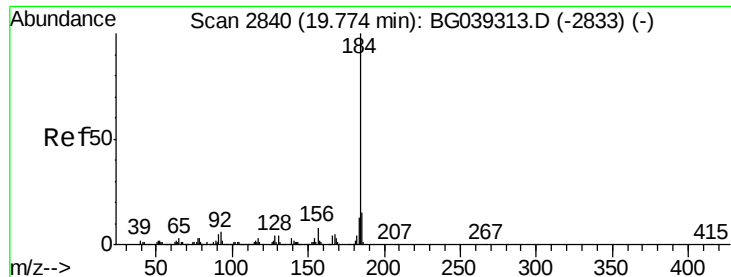
Abundance

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: 42.521 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

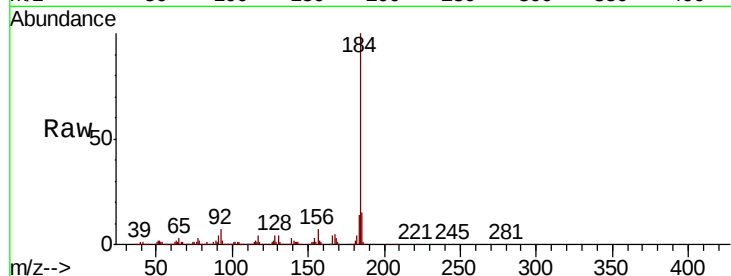
Tgt Ion:184 Resp: 534348

Ion Ratio Lower Upper

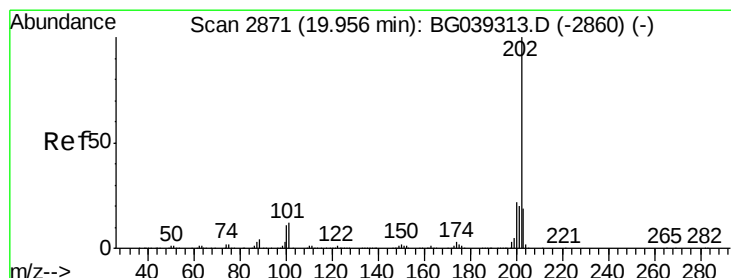
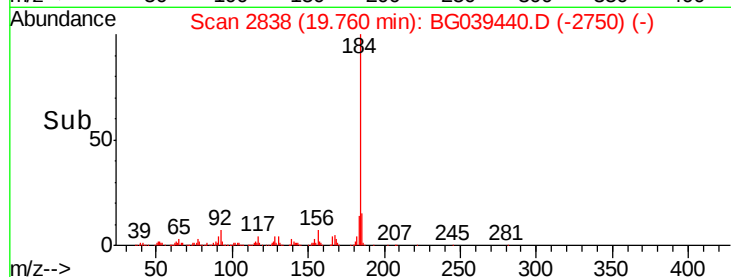
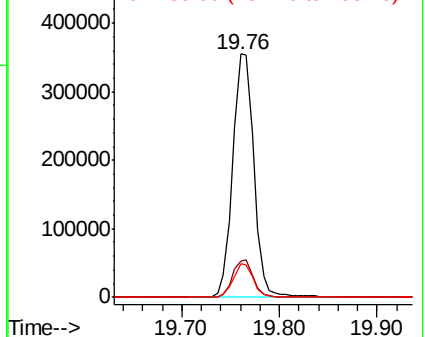
184 100

185 15.0 12.2 18.2

183 13.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.771 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

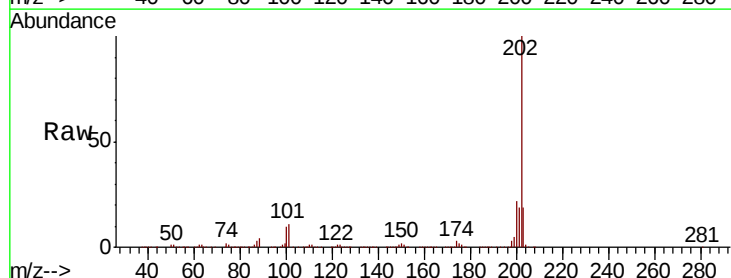
Tgt Ion:202 Resp: 1116031

Ion Ratio Lower Upper

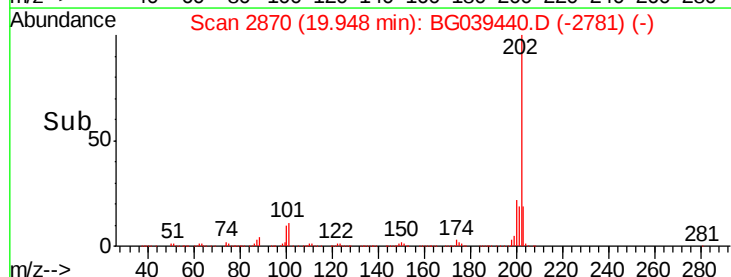
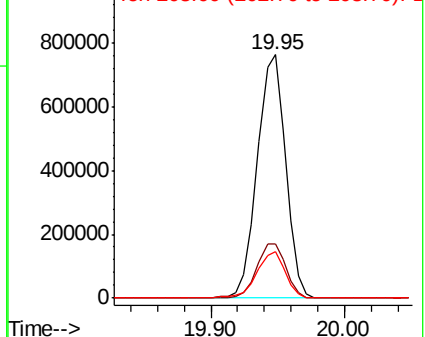
202 100

200 22.5 17.8 26.8

203 19.0 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.486 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

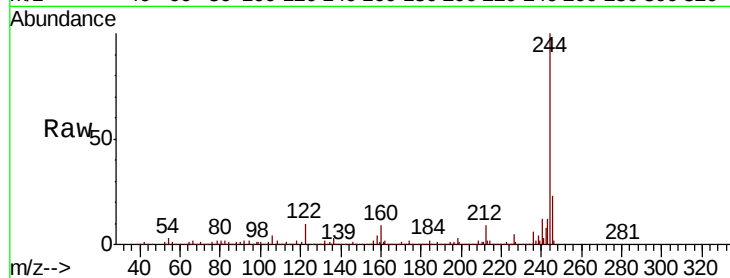
Tgt Ion:244 Resp: 1403150

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

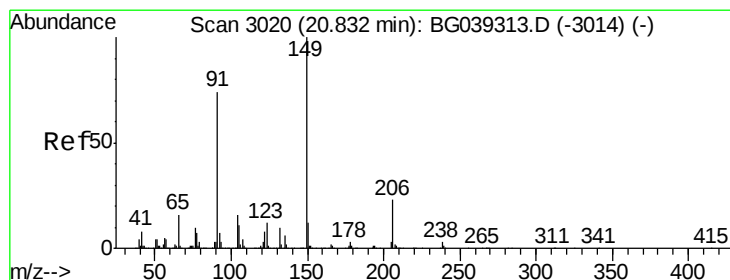
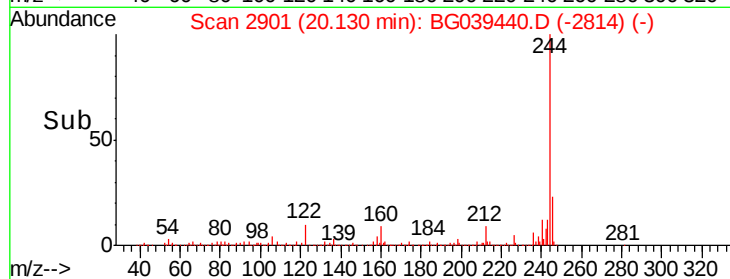
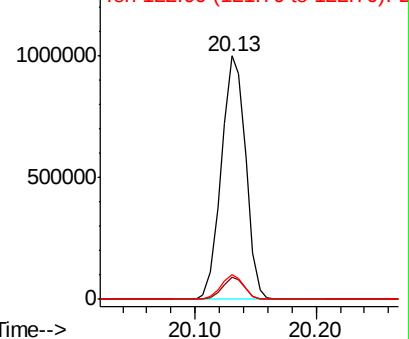
122 10.3 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.998 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

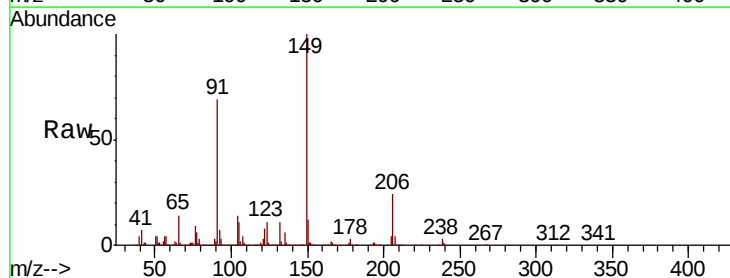
Tgt Ion:149 Resp: 483130

Ion Ratio Lower Upper

149 100

91 69.2 59.5 89.3

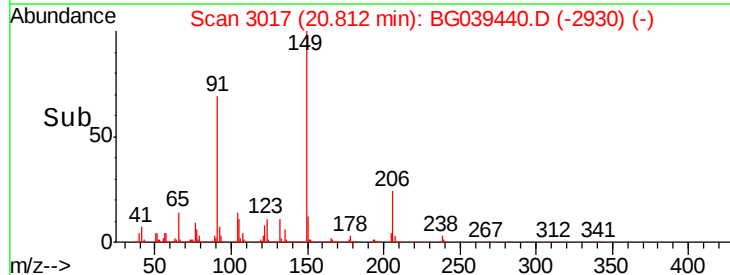
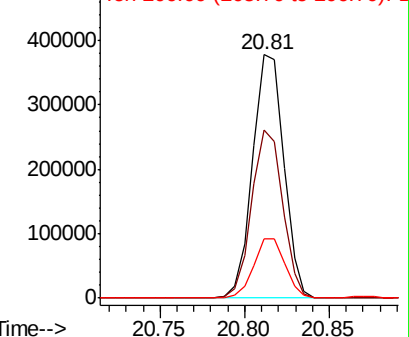
206 24.3 18.6 27.8

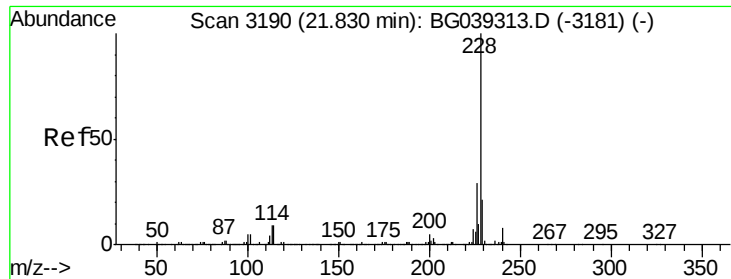


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.067 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

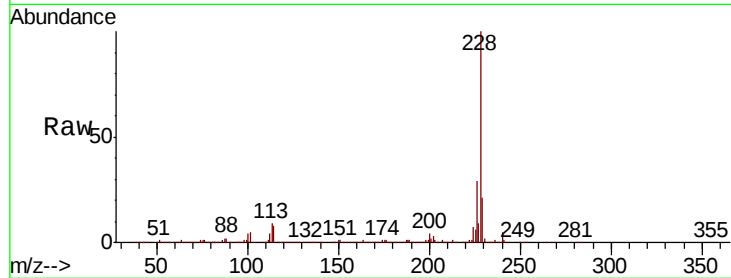
Tgt Ion:228 Resp: 1111320

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.6

229 20.9 16.9 25.3

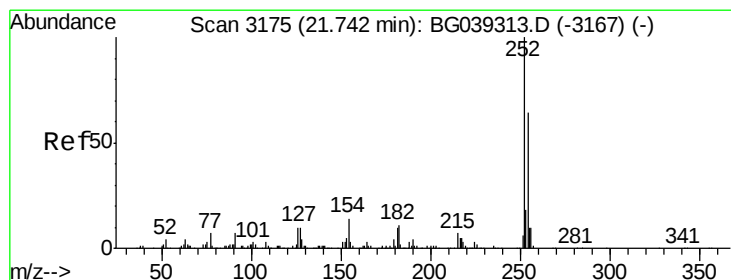
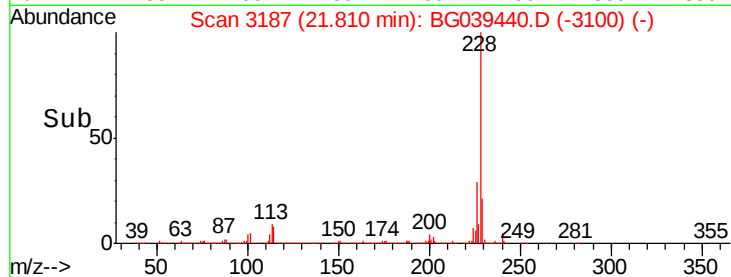
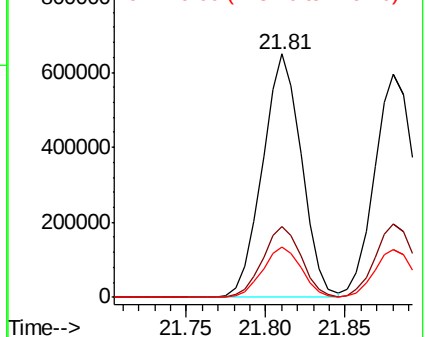


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.744 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

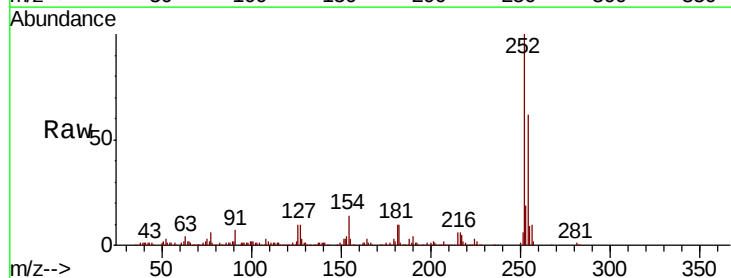
Tgt Ion:252 Resp: 224598

Ion Ratio Lower Upper

252 100

254 62.2 51.3 76.9

126 9.5 8.0 12.0

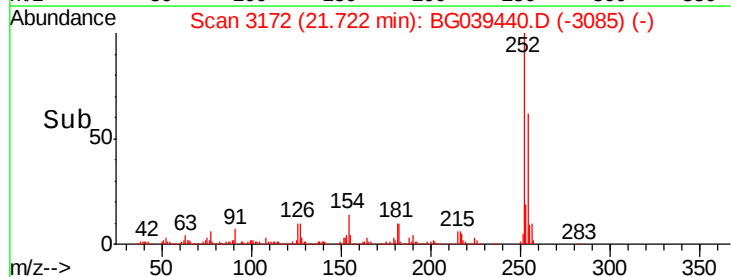
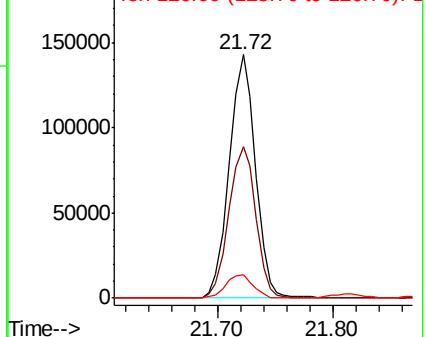


Abundance

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: 47.701 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

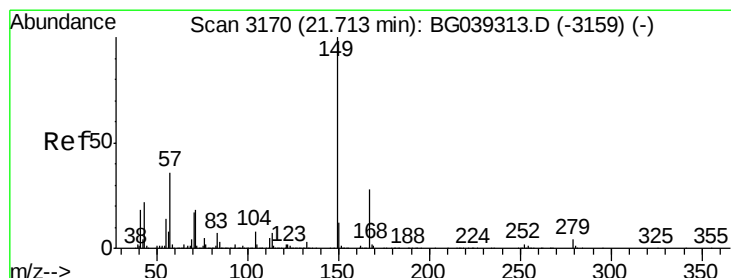
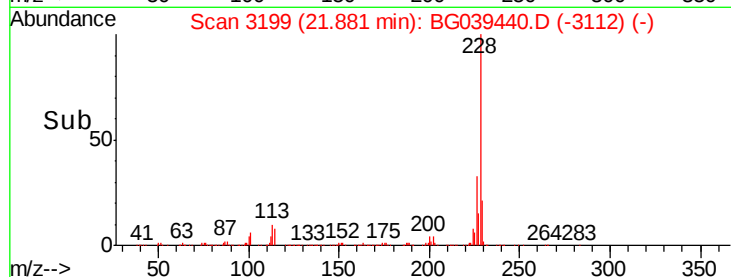
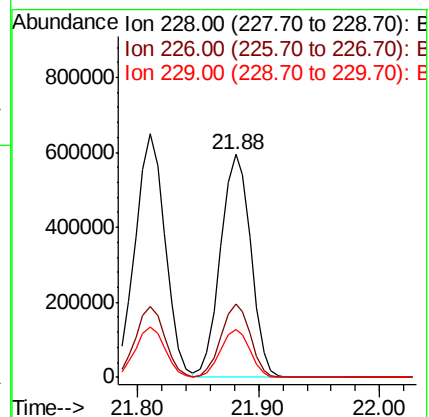
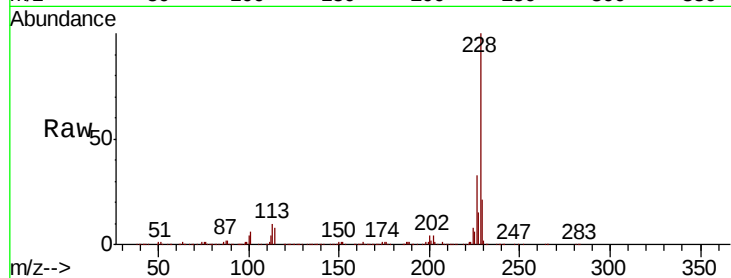
Tgt Ion:228 Resp: 1028452

Ion Ratio Lower Upper

228 100

226 32.9 25.8 38.6

229 21.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.840 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

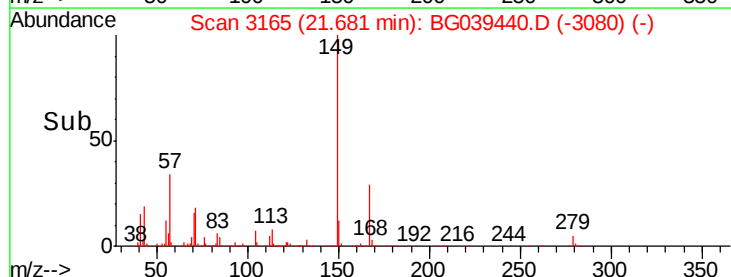
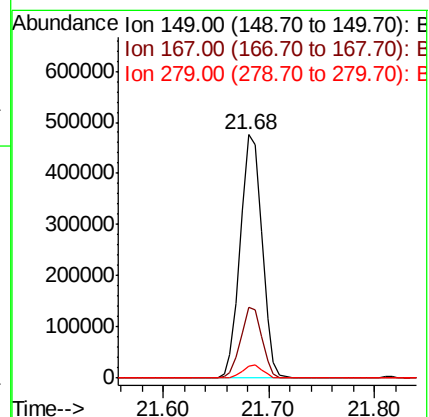
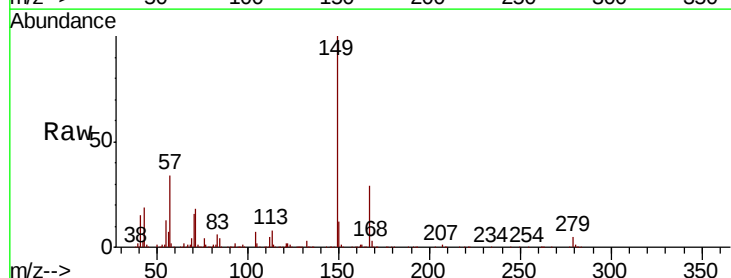
Tgt Ion:149 Resp: 672628

Ion Ratio Lower Upper

149 100

167 28.9 22.6 34.0

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.965 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

Instrument :

BNA_G

ClientSampleId :

M-9-DMSD

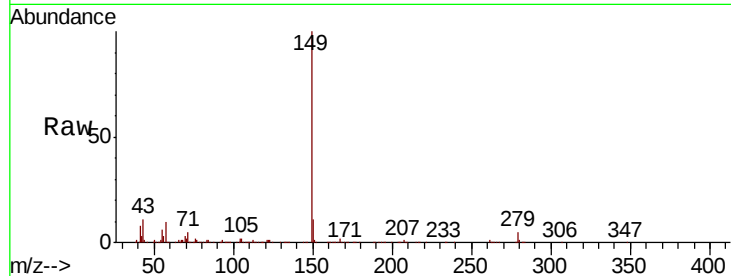
Tgt Ion:149 Resp: 1161664

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

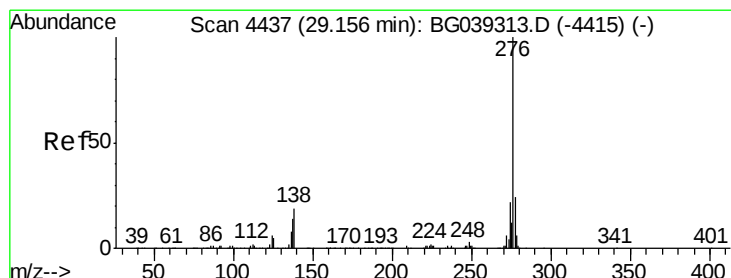
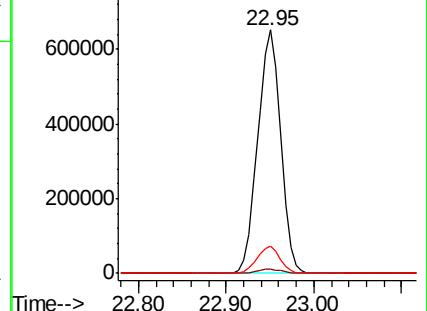
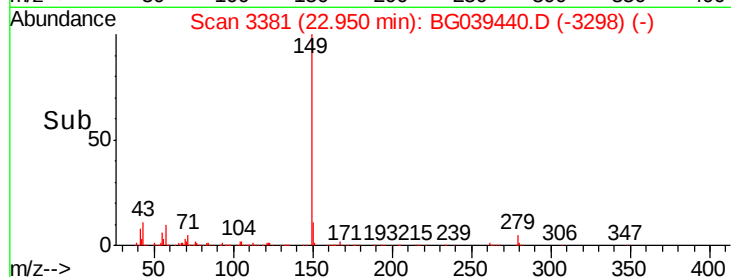
43 11.0 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

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: 54.812 ng

RT: 29.11 min Scan# 4430

Delta R.T. -0.04 min

Lab File: BG039440.D

Acq: 11 Feb 2019 18:51

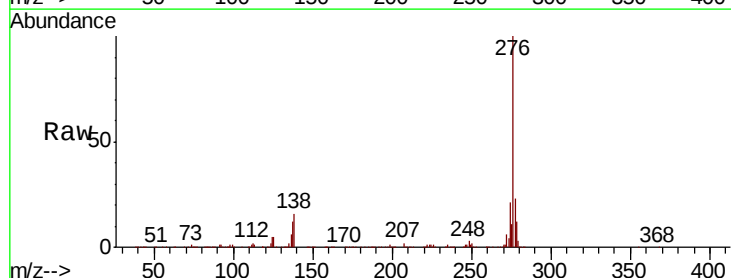
Tgt Ion:276 Resp: 1267930

Ion Ratio Lower Upper

276 100

138 20.4 12.6 19.0#

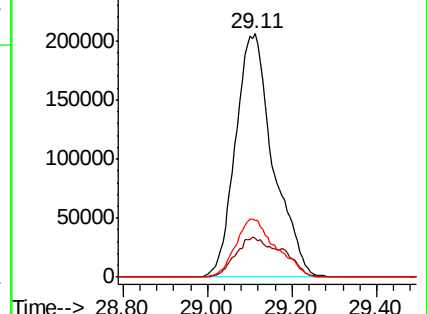
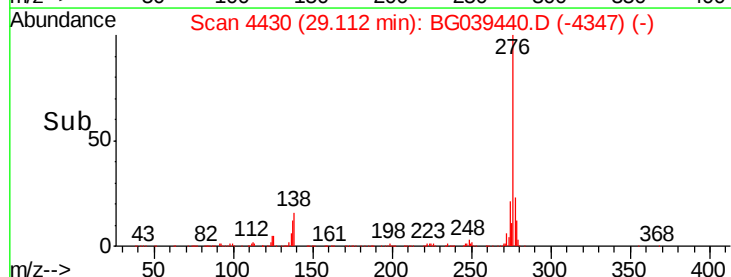
277 25.6 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

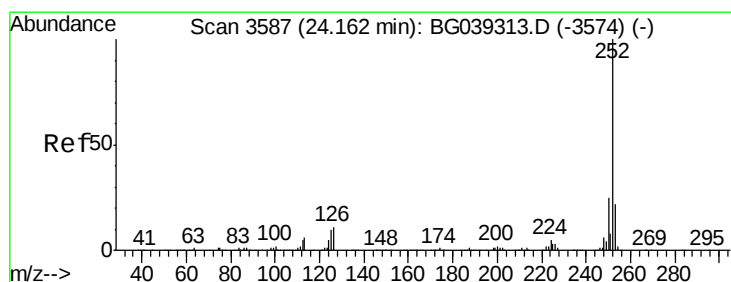
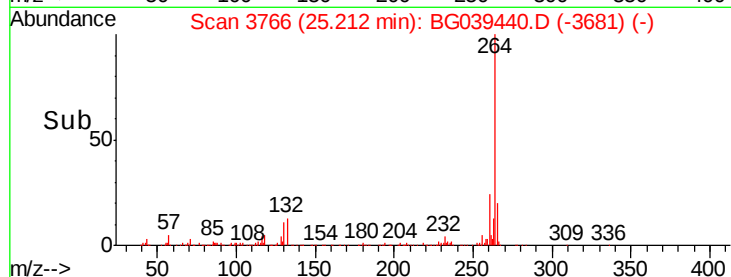
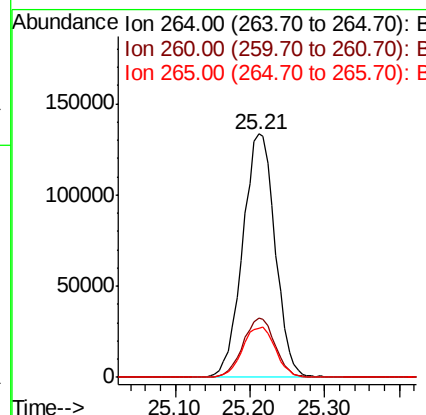
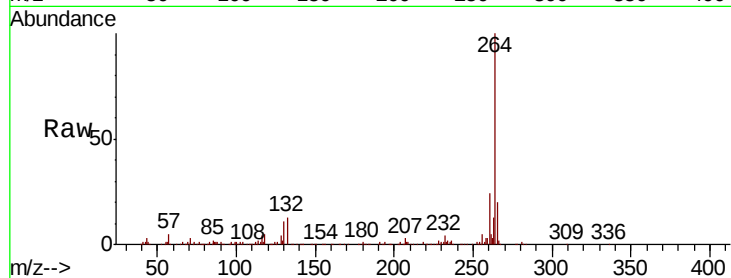




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

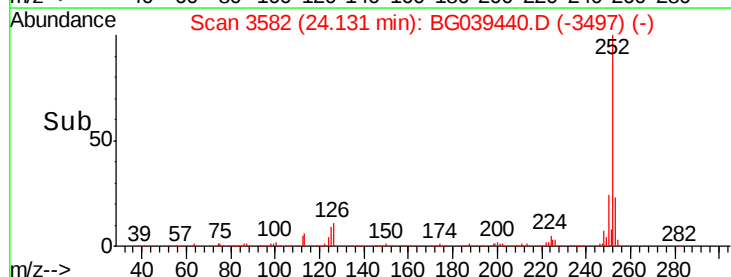
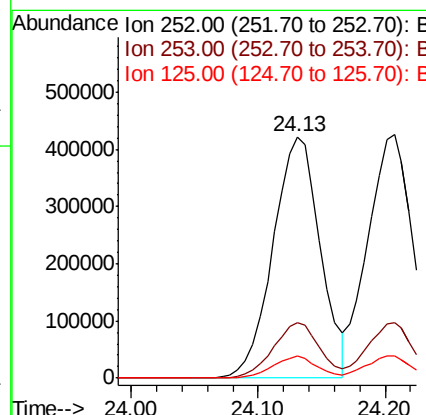
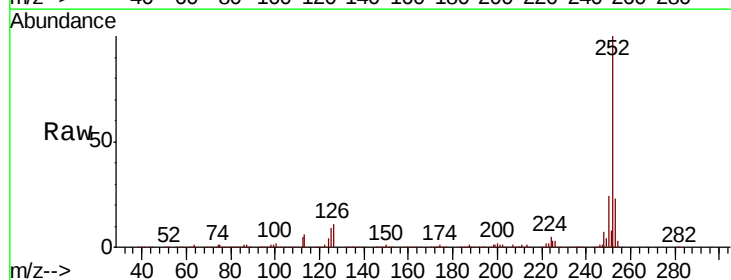
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:264 Resp: 401731
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.4
265 20.1 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 49.934 ng
RT: 24.13 min Scan# 3582
Delta R.T. -0.03 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:252 Resp: 1093988
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 9.3 7.8 11.6

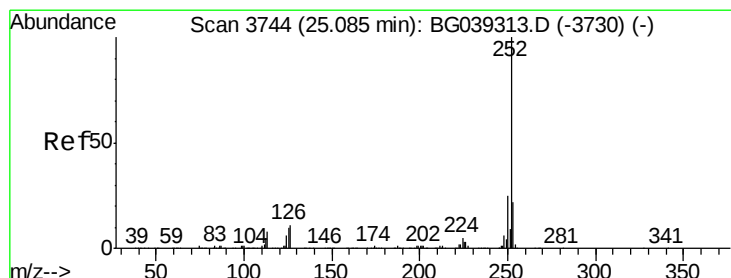
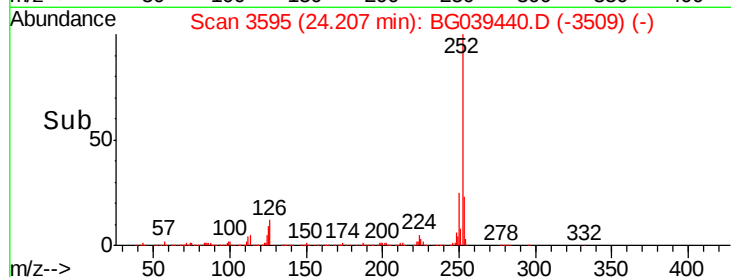
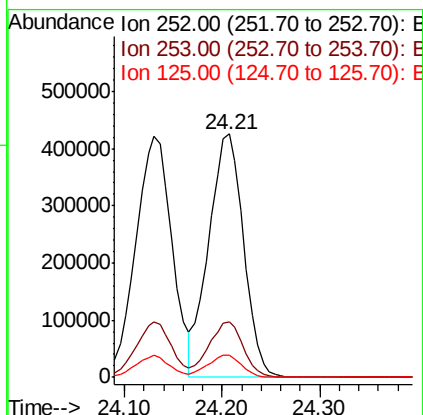
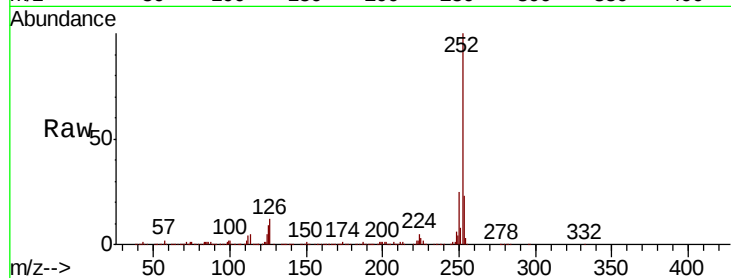




#89
Benzo(k)fluoranthene
Concen: 47.702 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

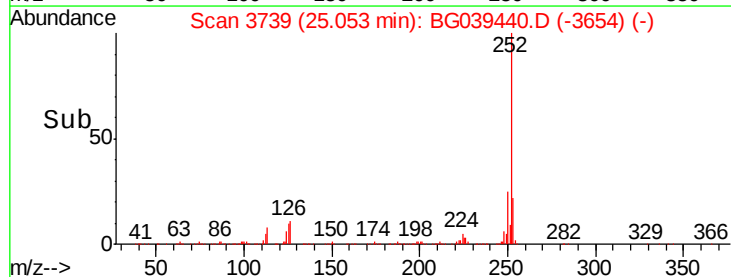
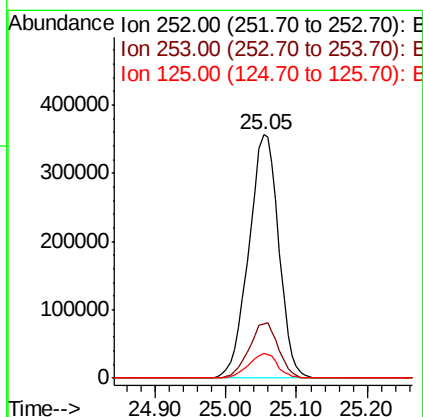
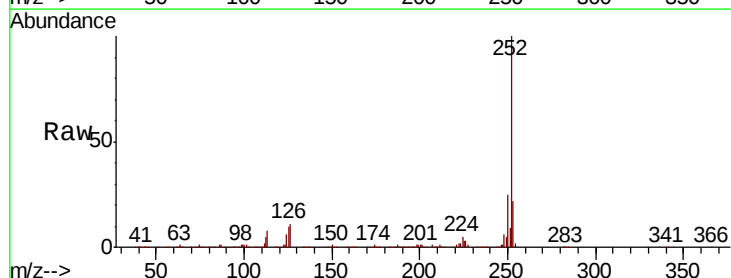
Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

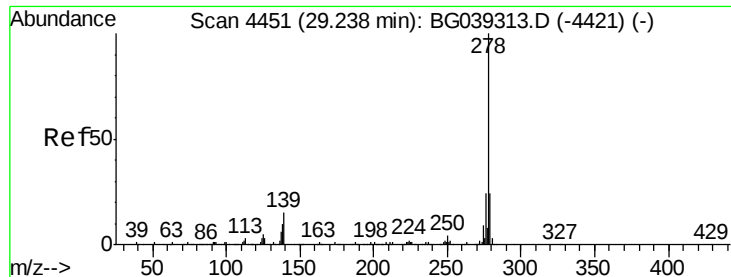
Tgt Ion:252 Resp: 1049237
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.2 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.037 ng
RT: 25.05 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:252 Resp: 1055771
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.0 8.3 12.5



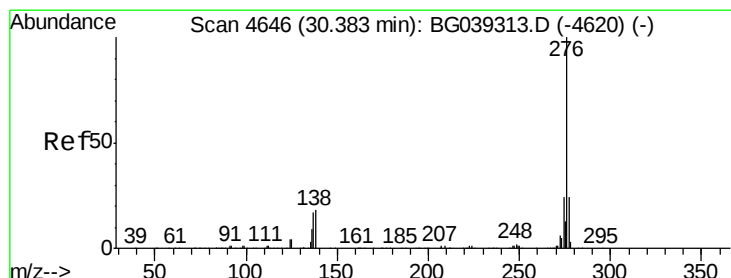
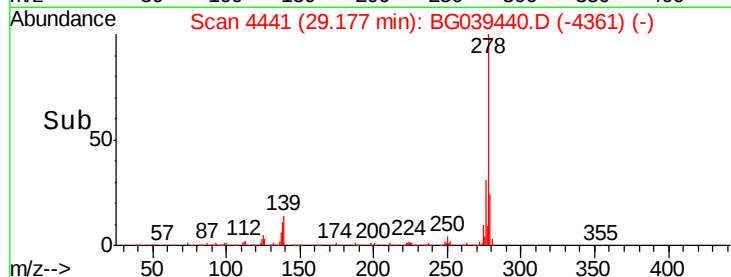
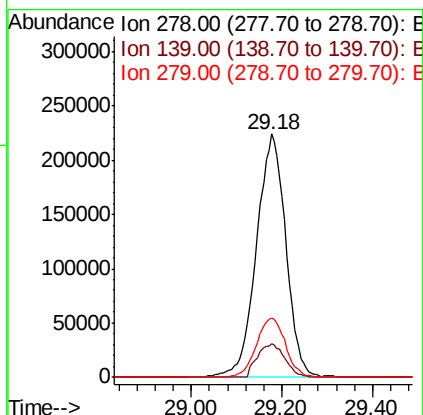
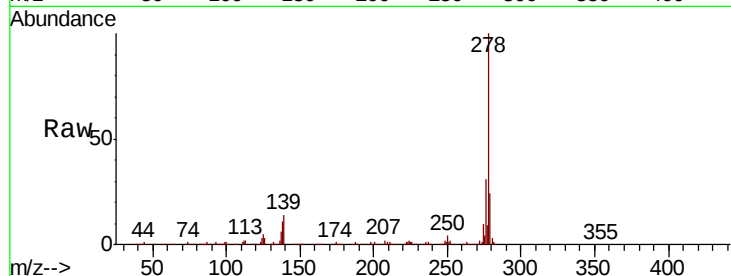


#91
Dibenzo(a,h)anthracene
Concen: 51.196 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Instrument :
BNA_G
ClientSampleId :
M-9-DMSD

Tgt Ion:278 Resp: 1011613

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.7	17.5
279	24.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 53.136 ng
RT: 30.33 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039440.D
Acq: 11 Feb 2019 18:51

Tgt Ion:276 Resp: 1046521

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	18.8	14.7	22.1

