

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040153.D
 Acq On : 26 Mar 2019 18:57
 Operator : JU/SJ
 Sample : K2081-02MD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

Quant Time: Mar 27 01:23:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39382	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	163923	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	109829	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	277365	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	272431	20.00	ng	-0.03
87) Perylene-d12	25.15	264	286529	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	301039	130.41	ng	-0.02
7) Phenol-d6	7.29	99	391699	113.80	ng	-0.02
23) Nitrobenzene-d5	9.32	82	290815	95.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	199765	156.05	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	683928	88.66	ng	-0.02
79) Terphenyl-d14	20.11	244	1161265	93.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39330	36.904	ng	# 6
3) Pyridine	3.99	79	91403	32.036	ng	97
4) n-Nitrosodimethylamine	3.90	42	52769	38.986	ng	90
6) Aniline	7.46	93	44482	9.864	ng	92
8) 2-Chlorophenol	7.70	128	122539	43.755	ng	94
9) Benzaldehyde	7.28	77	32091	14.453	ng	98
10) Phenol	7.32	94	136740	36.671	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	119403	41.071	ng	96
12) 1,3-Dichlorobenzene	8.03	146	130184	41.102	ng	96
13) 1,4-Dichlorobenzene	8.17	146	131966	40.904	ng	97
14) 1,2-Dichlorobenzene	8.49	146	125950	40.406	ng	99
15) Benzyl Alcohol	8.38	79	116839	42.792	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	232830	40.043	ng	98
17) 2-Methylphenol	8.57	107	105703	44.458	ng	96
18) Hexachloroethane	9.22	117	47111	40.696	ng	99
19) n-Nitroso-di-n-propylamine	8.94	70	99210	40.045	ng	91
20) 3+4-Methylphenols	8.90	107	145989	44.198	ng	98
22) Acetophenone	8.97	105	191688	43.569	ng	# 93
24) Nitrobenzene	9.36	77	150977	47.483	ng	99
25) Isophorone	9.87	82	288356	45.405	ng	99
26) 2-Nitrophenol	10.07	139	75475	49.163	ng	96
27) 2,4-Dimethylphenol	10.11	122	130355	54.596	ng	91
28) bis(2-Chloroethoxy)methane	10.35	93	175249	45.409	ng	97
29) 2,4-Dichlorophenol	10.60	162	141673	52.702	ng	93
30) 1,2,4-Trichlorobenzene	10.81	180	137015	45.295	ng	99
31) Naphthalene	11.01	128	392799	45.258	ng	99
32) Benzoic acid	10.11	122	130355	75.183	ng	# 16
33) 4-Chloroaniline	11.14	127	7615	2.069	ng	95
34) Hexachlorobutadiene	11.27	225	91489	44.260	ng	96
35) Caprolactam	11.90	113	21443	20.882	ng	# 85
36) 4-Chloro-3-methylphenol	12.23	107	152153	49.375	ng	99
37) 2-Methylnaphthalene	12.60	142	304785	46.972	ng	100
38) 1-Methylnaphthalene	12.82	142	291177	46.176	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	173078	46.517	ng	100

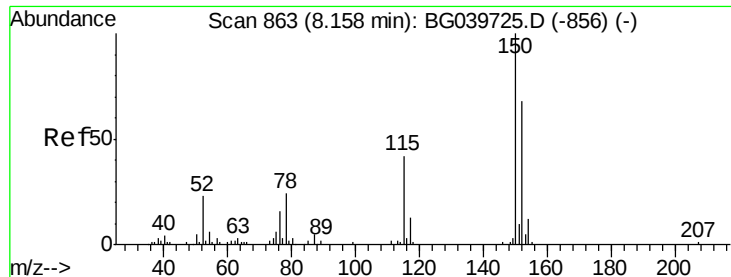
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040153.D
 Acq On : 26 Mar 2019 18:57
 Operator : JU/SJ
 Sample : K2081-02MD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

Quant Time: Mar 27 01:23:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	199340	99.972	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	119159	54.702	ng	96
44) 2,4,5-Trichlorophenol	13.28	196	127220	51.813	ng	95
46) 1,1'-Biphenyl	13.60	154	418217	46.297	ng	99
47) 2-Chloronaphthalene	13.65	162	325322	47.872	ng	98
48) 2-Nitroaniline	13.86	65	112549	51.535	ng	97
49) Acenaphthylene	14.49	152	521565	46.753	ng	99
50) Dimethylphthalate	14.21	163	445504	48.510	ng	99
51) 2,6-Dinitrotoluene	14.35	165	98466	50.575	ng	94
52) Acenaphthene	14.83	154	318156	47.384	ng	98
53) 3-Nitroaniline	14.68	138	9538	4.874	ng	# 90
54) 2,4-Dinitrophenol	14.88	184	22887	22.672	ng	93
55) Dibenzofuran	15.16	168	523563	47.526	ng	99
56) 4-Nitrophenol	14.98	139	118121	67.469	ng	95
57) 2,4-Dinitrotoluene	15.13	165	139615	51.035	ng	# 84
58) Fluorene	15.81	166	414211	47.829	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	122539	51.101	ng	97
60) Diethylphthalate	15.56	149	449092	49.398	ng	97
61) 4-Chlorophenyl-phenylether	15.79	204	222516	48.150	ng	98
62) 4-Nitroaniline	15.85	138	91139	42.956	ng	95
63) Azobenzene	16.09	77	392547	47.633	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	31431	19.166	ng	96
66) n-Nitrosodiphenylamine	16.01	169	384270	47.856	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	149221	48.064	ng	95
68) Hexachlorobenzene	16.80	284	153689	47.757	ng	93
69) Atrazine	16.95	200	152834	48.362	ng	98
70) Pentachlorophenol	17.15	266	112703	55.452	ng	96
71) Phenanthrene	17.56	178	699595	45.792	ng	99
72) Anthracene	17.64	178	708355	47.579	ng	99
73) Carbazole	17.92	167	623113	46.426	ng	99
74) Di-n-butylphthalate	18.44	149	751005	47.558	ng	99
75) Fluoranthene	19.55	202	829928	45.966	ng	99
77) Benzidine	19.74	184	91631	10.599	ng	97
78) Pyrene	19.92	202	844828	47.723	ng	98
80) Butylbenzylphthalate	20.78	149	344764	50.268	ng	95
81) Benzo(a)anthracene	21.77	228	801016	46.914	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	67563	10.838	ng	98
83) Chrysene	21.84	228	773013	46.700	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	476799	49.472	ng	100
85) Di-n-octyl phthalate	22.88	149	817560	51.232	ng	94
86) Indeno(1,2,3-cd)pyrene	29.01	276	914512	48.700	ng	96
88) Benzo(b)fluoranthene	24.08	252	806110	47.179	ng	98
89) Benzo(k)fluoranthene	24.15	252	789972	49.669	ng	98
90) Benzo(a)pyrene	25.00	252	787825	49.898	ng	98
91) Dibenzo(a,h)anthracene	29.08	278	735108	47.492	ng	97
92) Benzo(g,h,i)perylene	30.24	276	742071	47.735	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

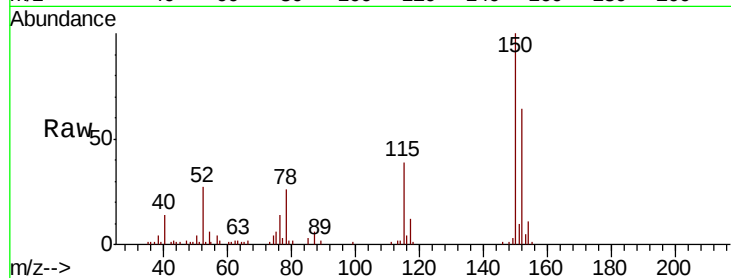
Tgt Ion:152 Resp: 39382

Ion Ratio Lower Upper

152 100

150 155.6 123.7 185.5

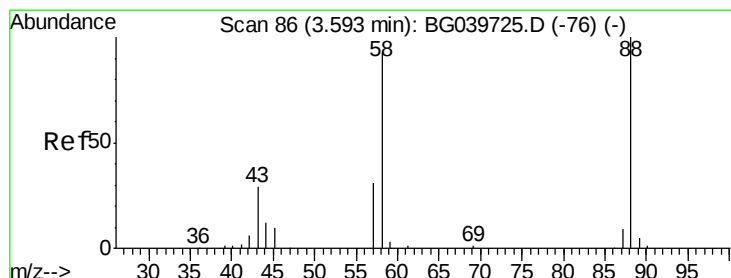
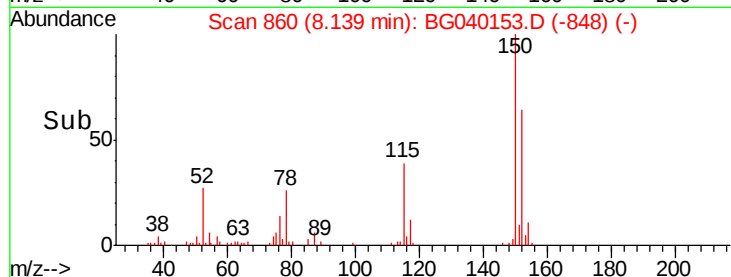
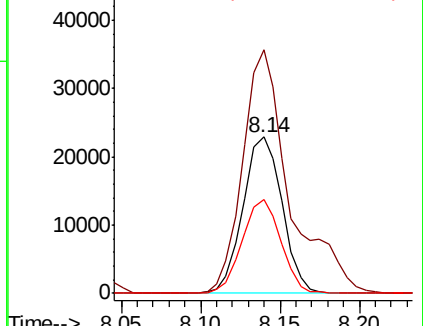
115 60.0 45.9 68.9



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: 36.904 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

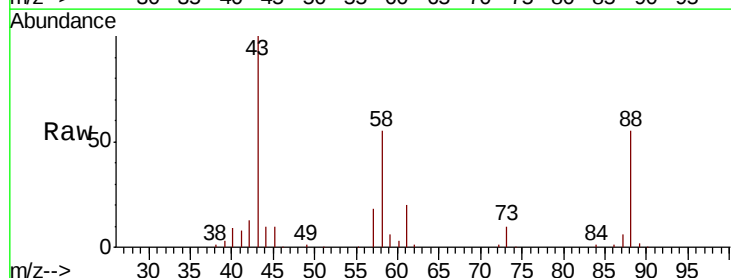
Tgt Ion: 88 Resp: 39330

Ion Ratio Lower Upper

88 100

58 97.2 81.1 121.7

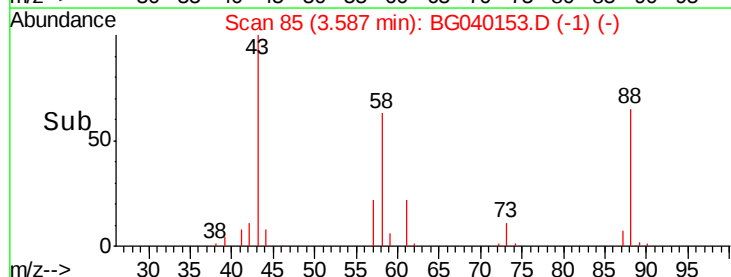
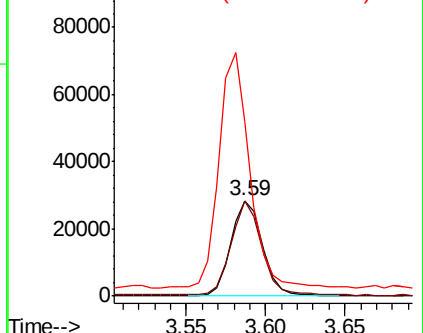
43 239.0 31.4 47.0#

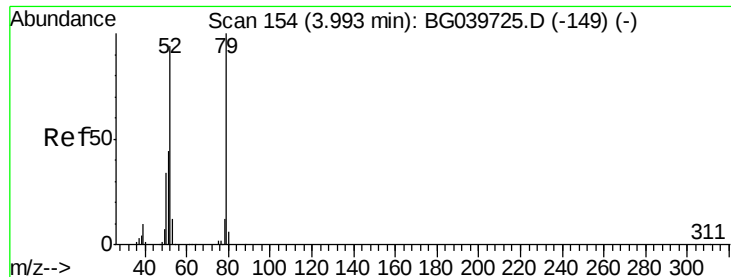


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.036 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

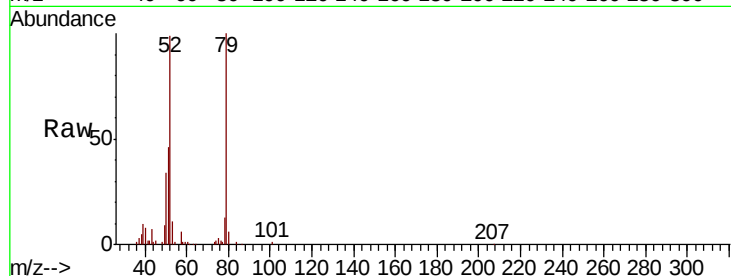
Tgt Ion: 79 Resp: 91403

Ion Ratio Lower Upper

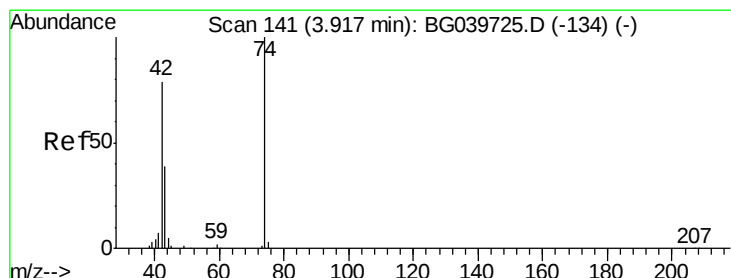
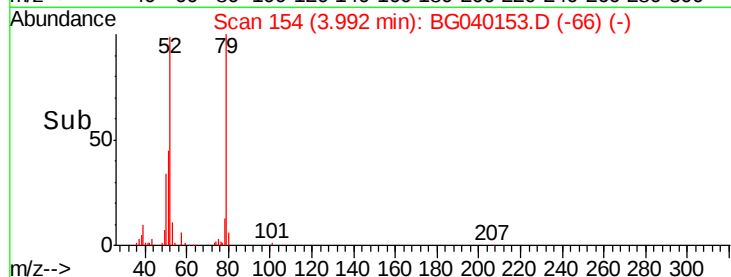
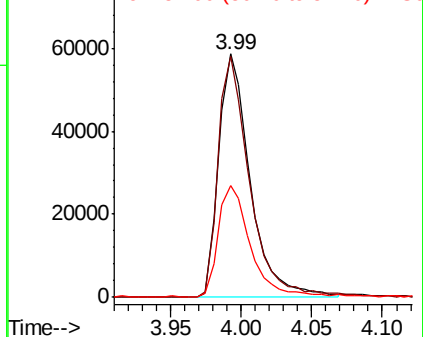
79 100

52 99.1 82.6 124.0

51 45.7 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: 38.986 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

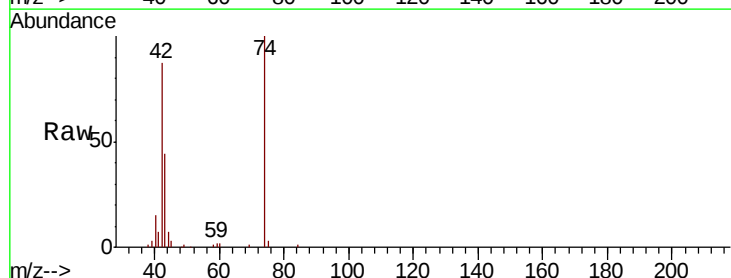
Tgt Ion: 42 Resp: 52769

Ion Ratio Lower Upper

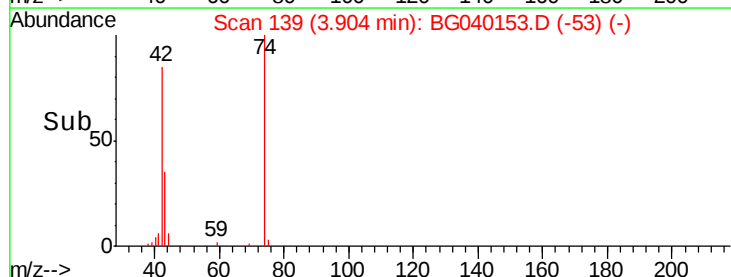
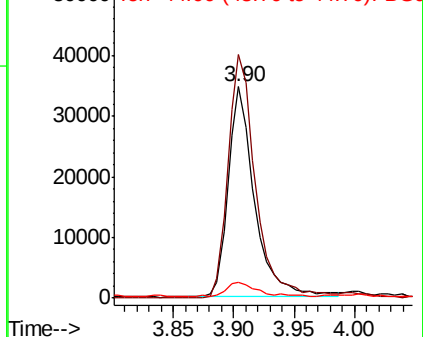
42 100

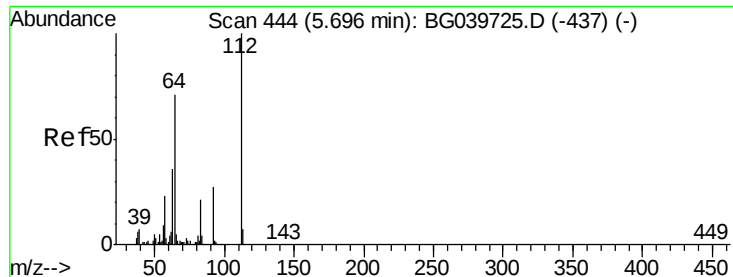
74 115.2 83.6 125.4

44 7.5 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: 130.409 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

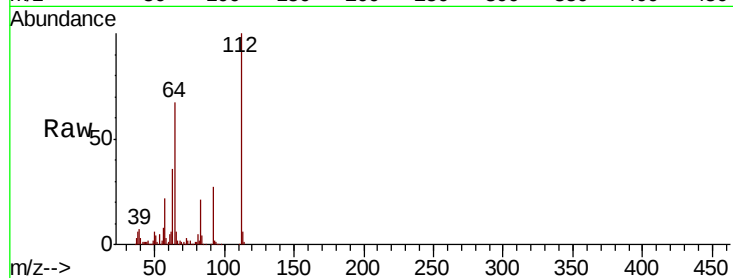
Tgt Ion:112 Resp: 301039

Ion Ratio Lower Upper

112 100

64 67.5 57.8 86.8

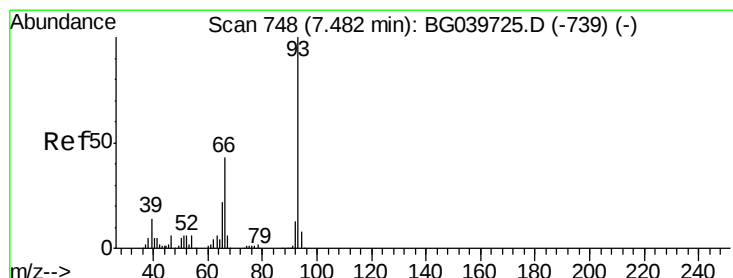
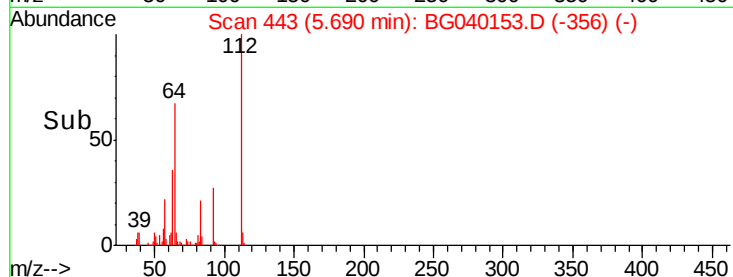
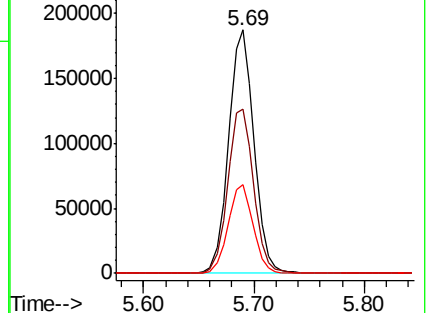
63 36.5 29.8 44.6



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: 9.864 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

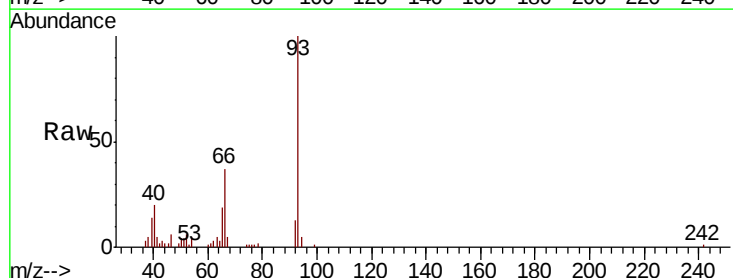
Tgt Ion: 93 Resp: 44482

Ion Ratio Lower Upper

93 100

66 36.9 34.2 51.4

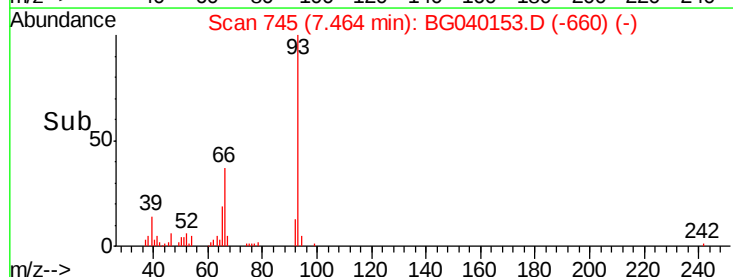
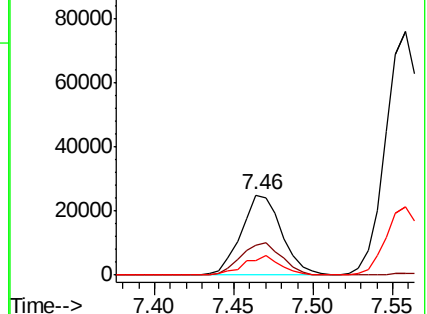
65 18.9 17.7 26.5

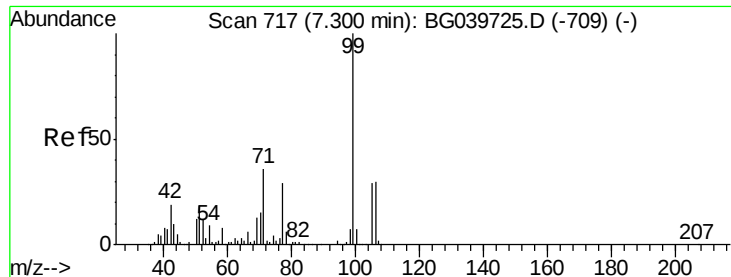


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.800 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

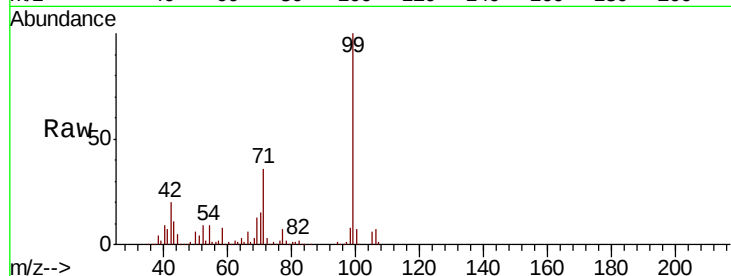
Tgt Ion: 99 Resp: 391699

Ion Ratio Lower Upper

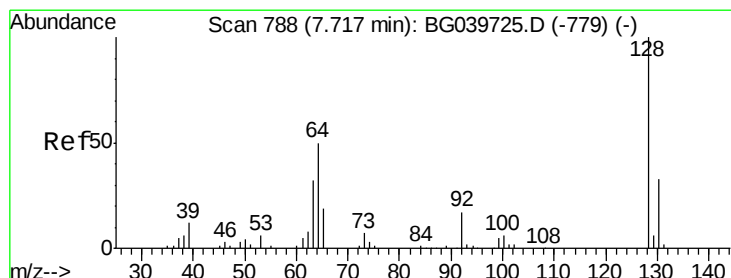
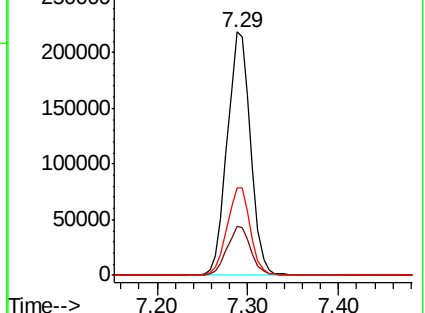
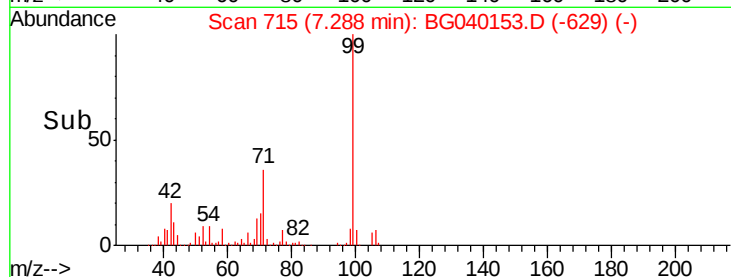
99 100

42 19.9 18.2 27.2

71 35.9 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: 43.755 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

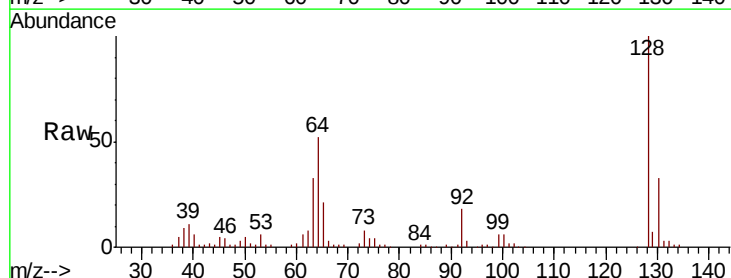
Tgt Ion: 128 Resp: 122539

Ion Ratio Lower Upper

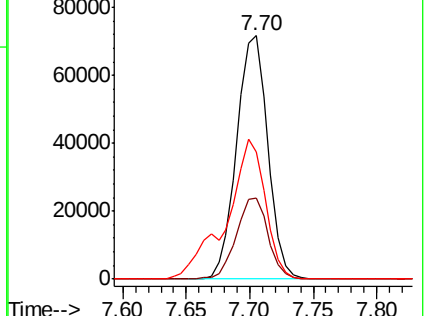
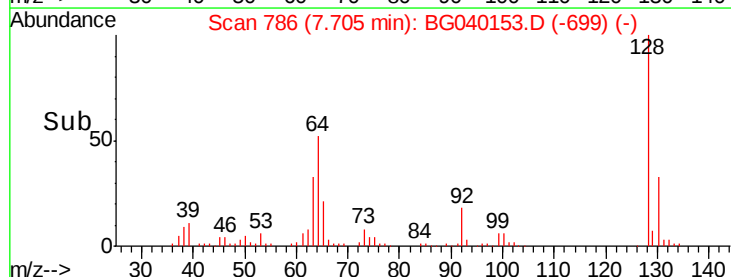
128 100

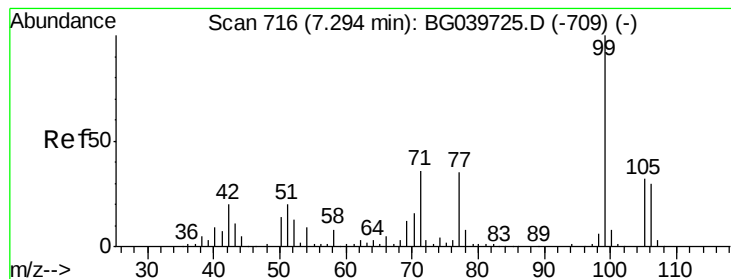
130 33.3 12.9 52.9

64 52.3 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: 14.453 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

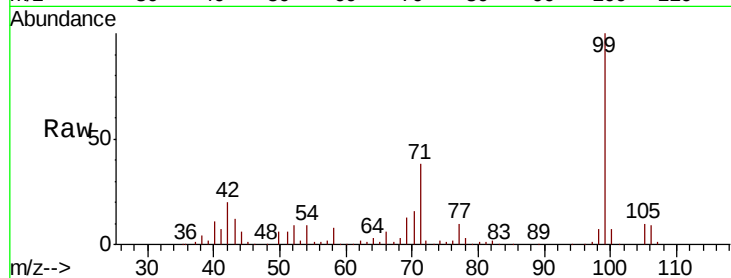
Tgt Ion: 77 Resp: 32091

Ion Ratio Lower Upper

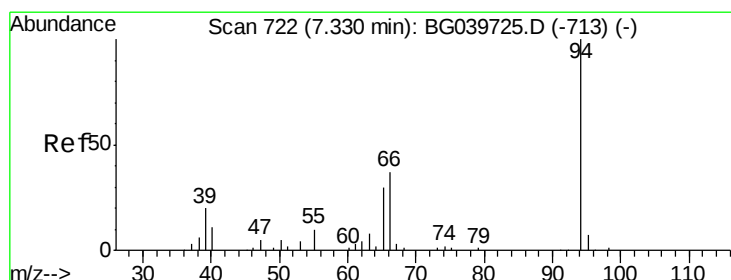
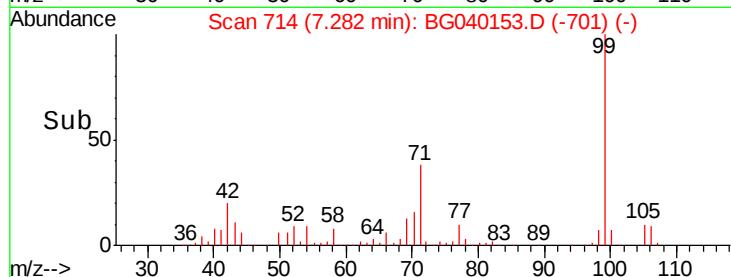
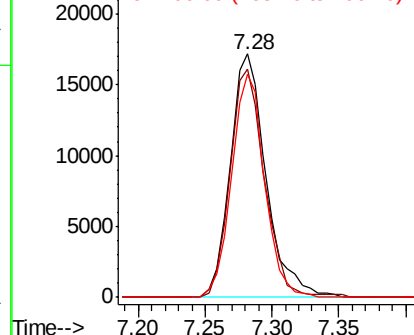
77 100

105 93.6 74.5 114.5

106 91.5 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: 36.671 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

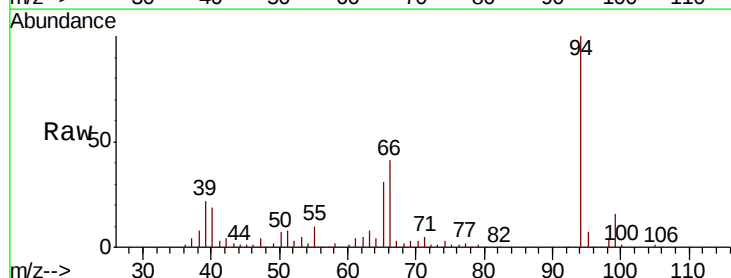
Tgt Ion: 94 Resp: 136740

Ion Ratio Lower Upper

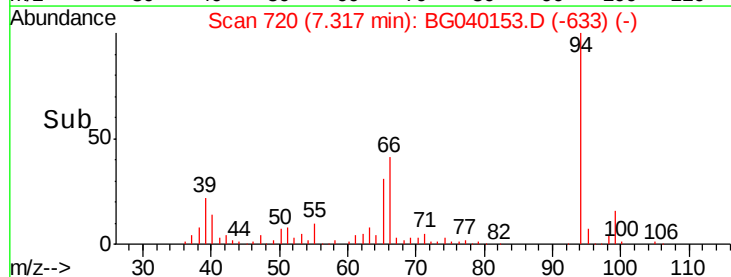
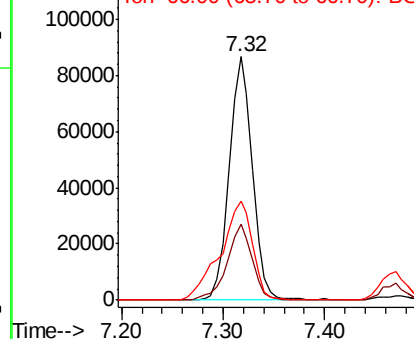
94 100

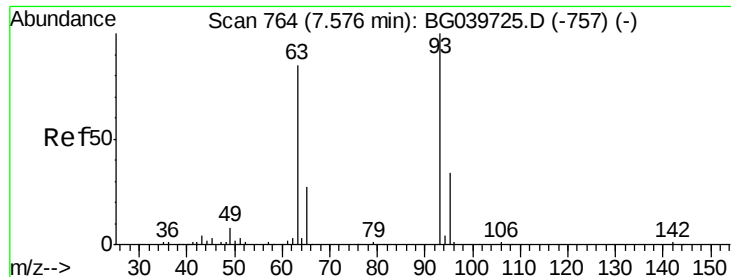
65 31.1 11.7 51.7

66 40.8 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

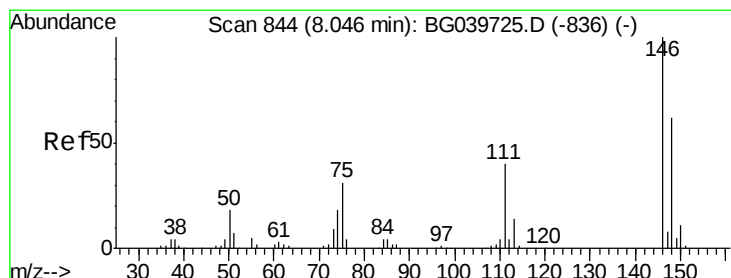
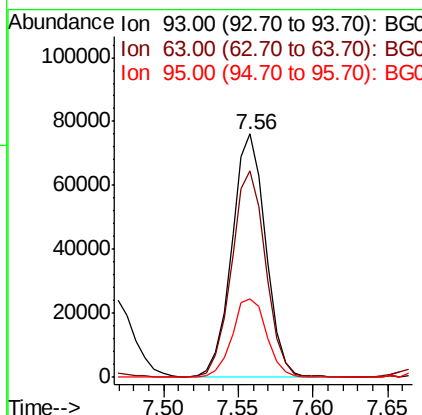
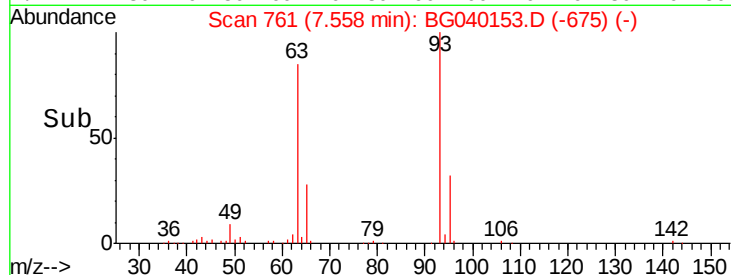
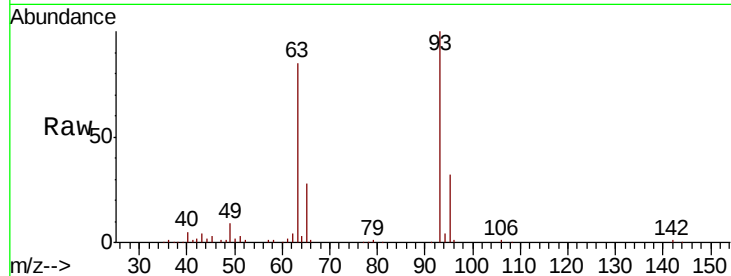




#11
bis(2-Chloroethyl)ether
Concen: 41.071 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

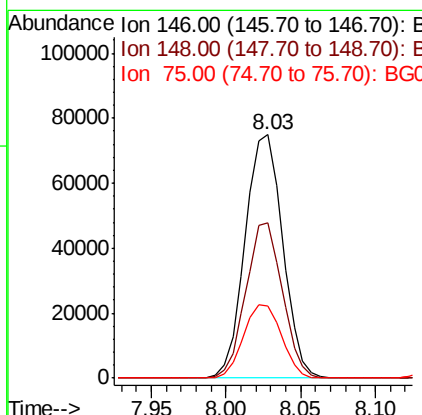
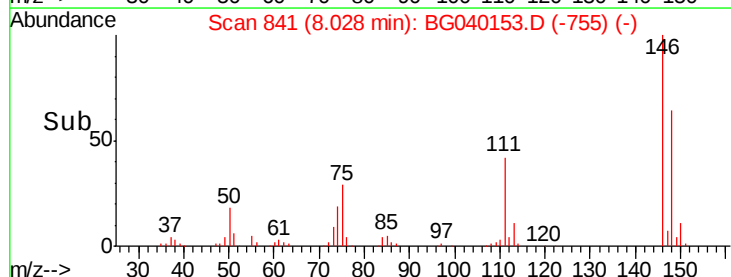
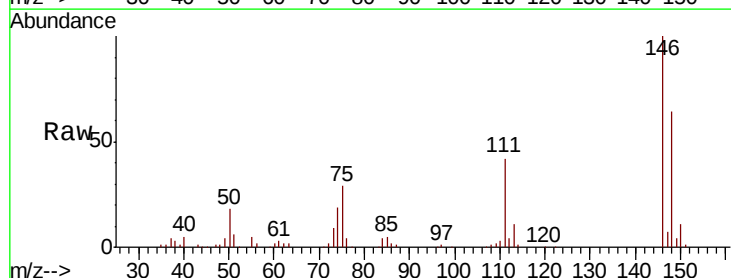
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

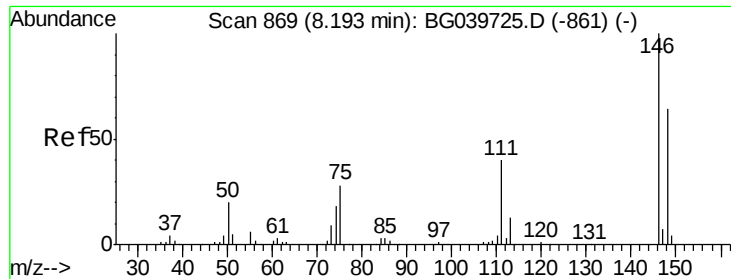
Tgt Ion: 93 Resp: 119403
Ion Ratio Lower Upper
93 100
63 85.0 69.5 109.5
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.102 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion: 146 Resp: 130184
Ion Ratio Lower Upper
146 100
148 63.5 52.6 79.0
75 29.5 25.8 38.6

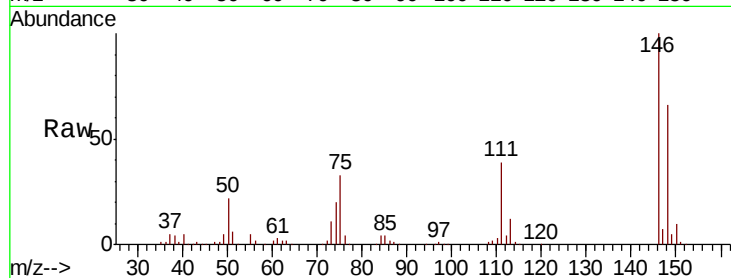




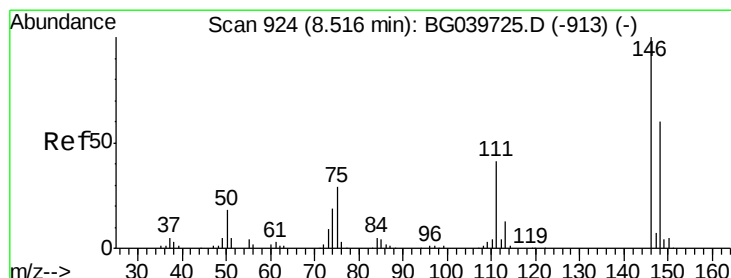
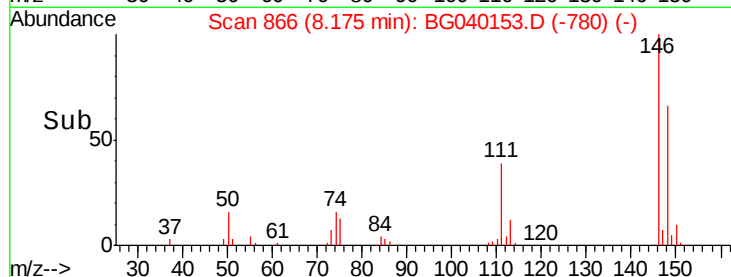
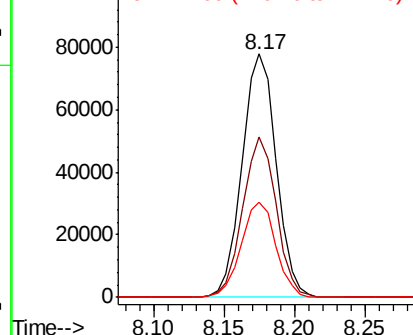
#13
 1,4-Dichlorobenzene
 Concen: 40.904 ng
 RT: 8.17 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

Tgt Ion:146 Resp: 131966
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.1 76.7
 111 39.2 32.6 48.8

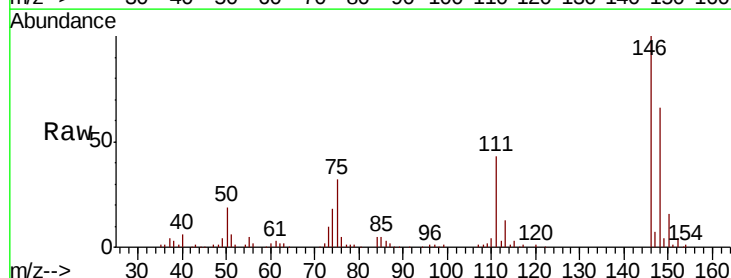


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

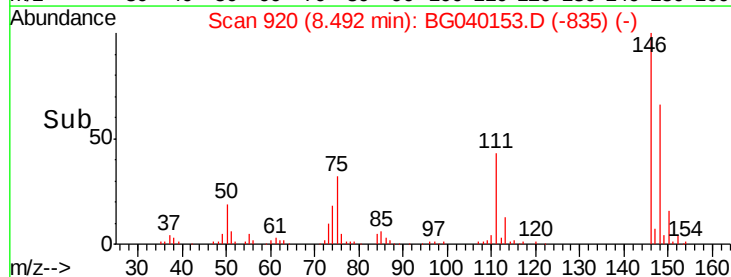
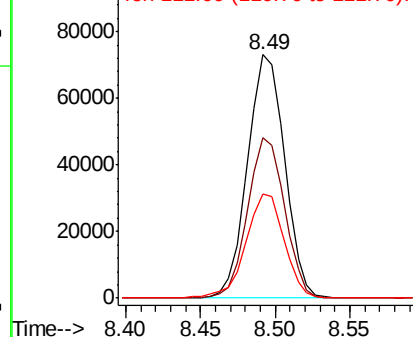


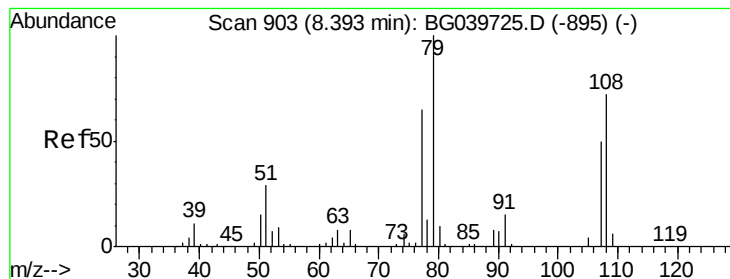
#14
 1,2-Dichlorobenzene
 Concen: 40.406 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Tgt Ion:146 Resp: 125950
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.5 77.3
 111 42.9 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.792 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

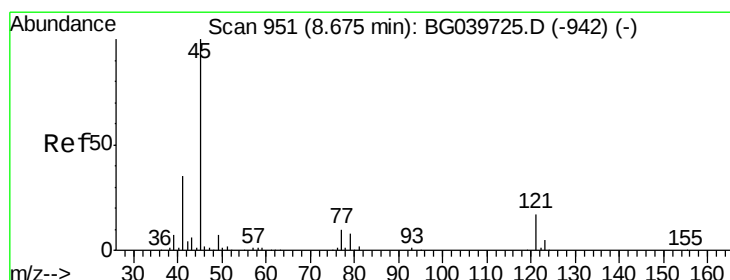
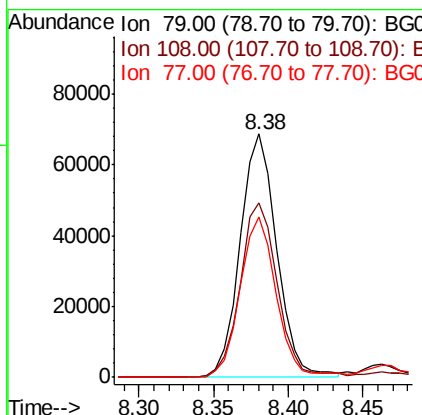
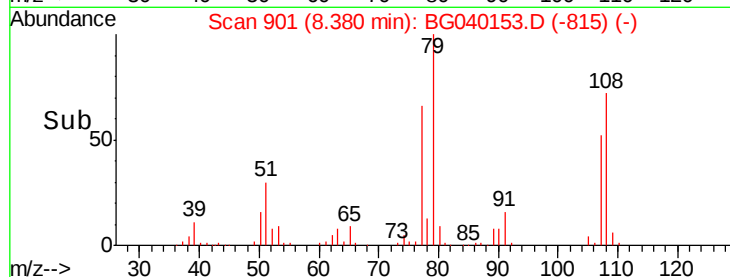
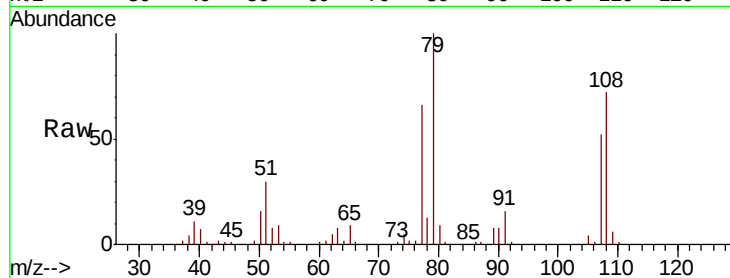
Tgt Ion: 79 Resp: 116839

Ion Ratio Lower Upper

79 100

108 71.7 57.8 86.6

77 65.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.043 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

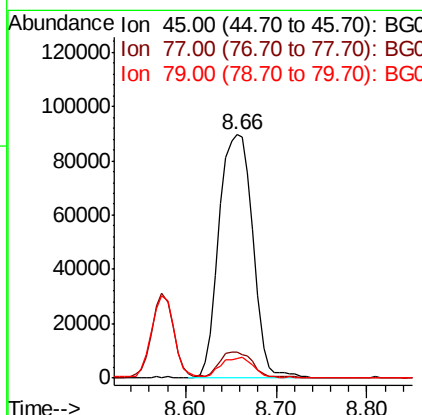
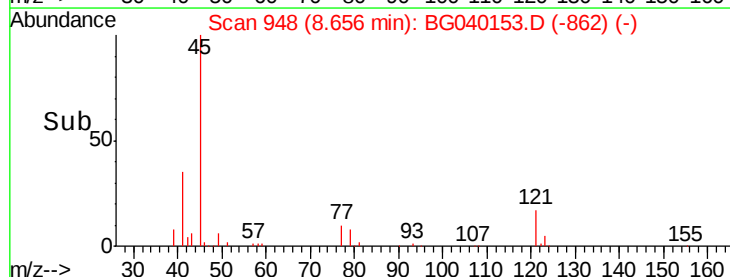
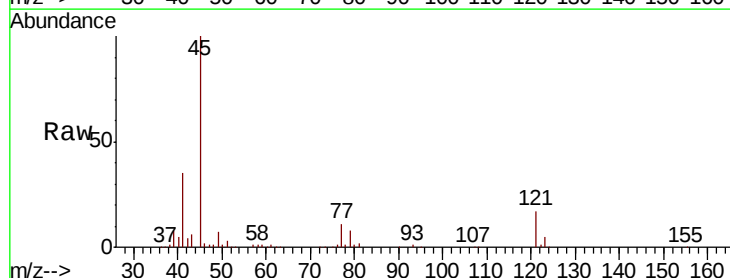
Tgt Ion: 45 Resp: 232830

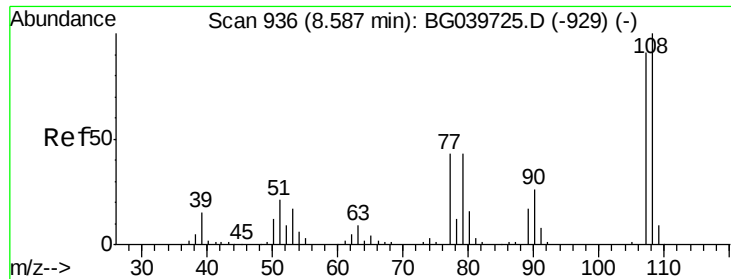
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 8.1 0.0 27.5

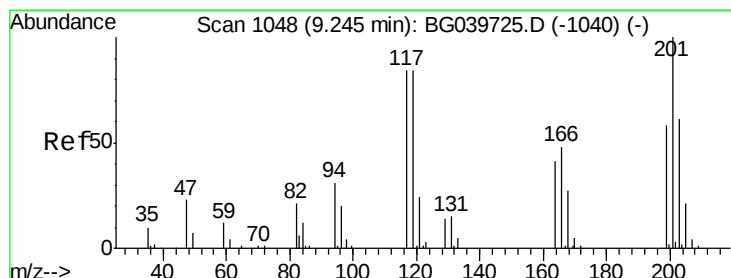
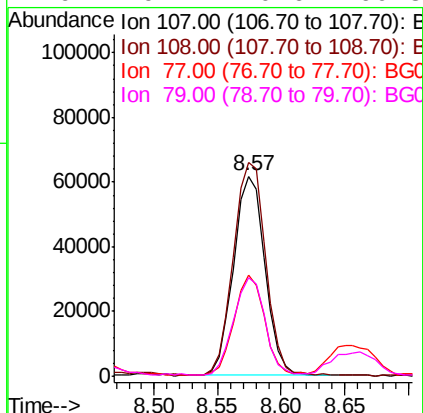
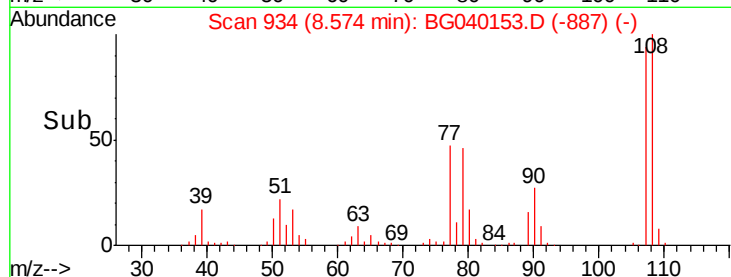
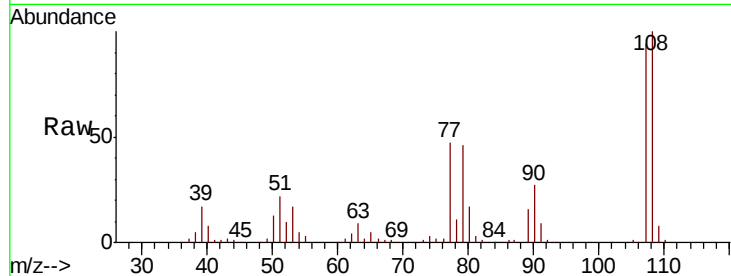




#17
2-Methylphenol
Concen: 44.458 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

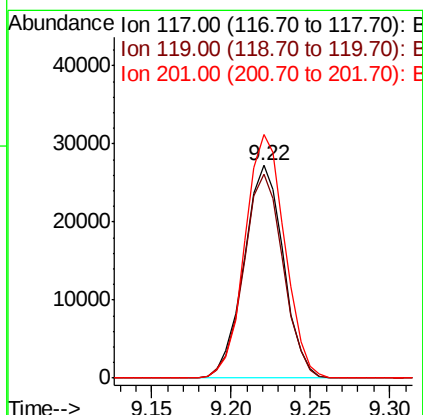
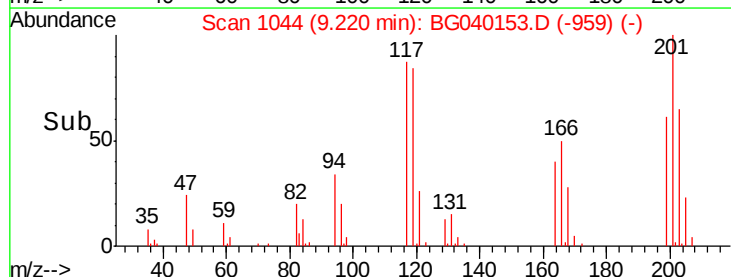
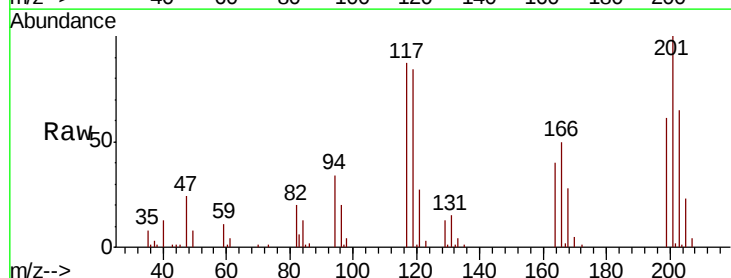
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

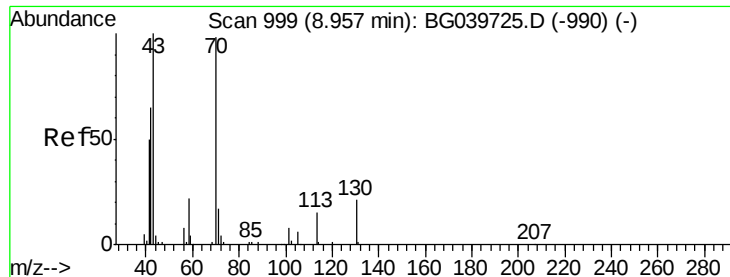
Tgt Ion:	107	Resp:	105703
Ion	Ratio	Lower	Upper
107	100		
108	106.8	90.8	136.2
77	50.5	40.7	61.1
79	49.4	40.6	60.8



#18
Hexachloroethane
Concen: 40.696 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:	117	Resp:	47111
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
201	114.5	91.1	136.7

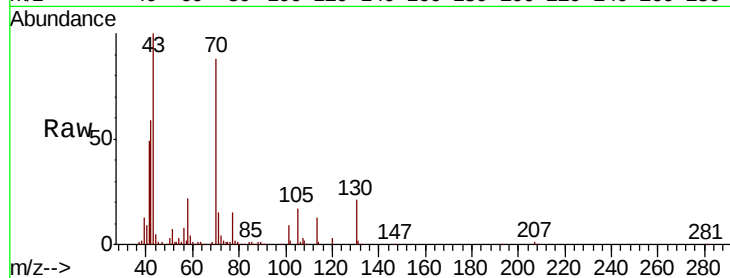




#19
n-Nitroso-di-n-propylamine
Concen: 40.045 ng
RT: 8.94 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion:	70	Resp:	99210
Ion	Ratio	Lower	Upper
70	100		
42	67.1	60.4	90.6
101	10.7	7.5	11.3
130	24.0	16.9	25.3



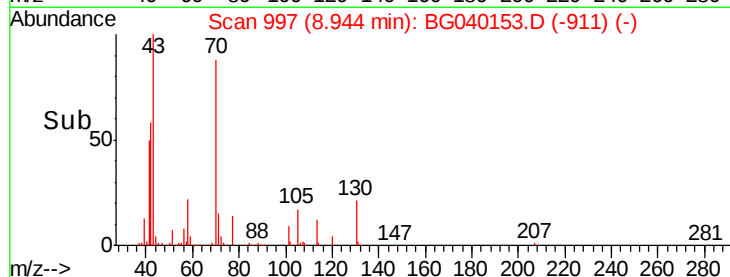
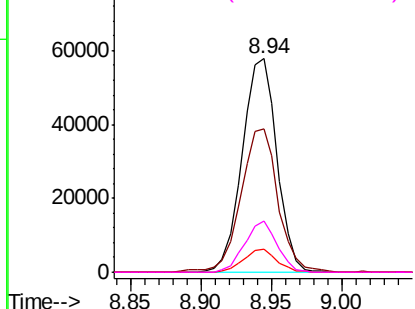
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

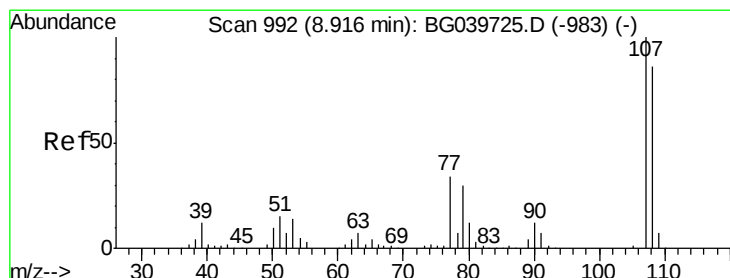
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.198 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:	107	Resp:	145989
Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.9	107.9
77	37.5	15.4	55.4
79	31.2	13.7	53.7



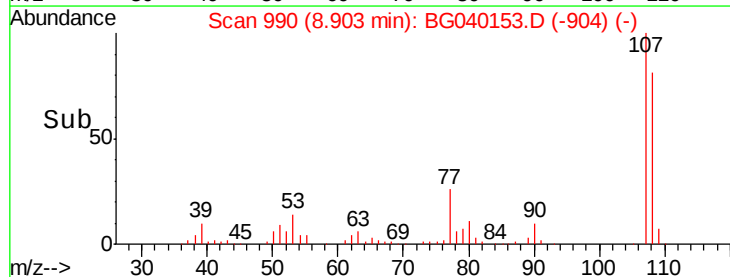
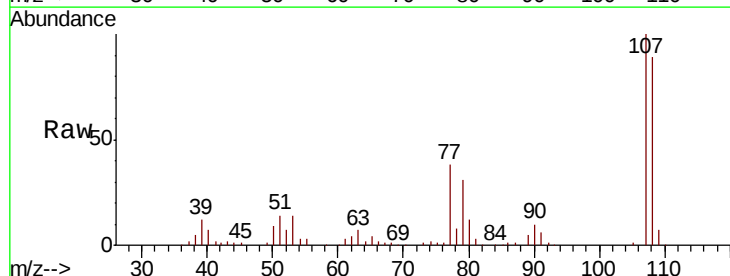
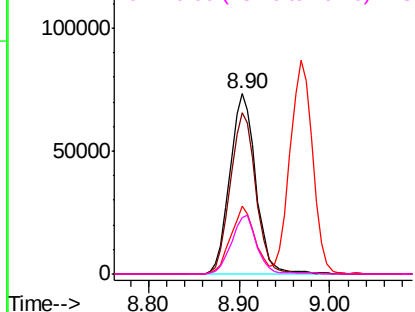
Abundance

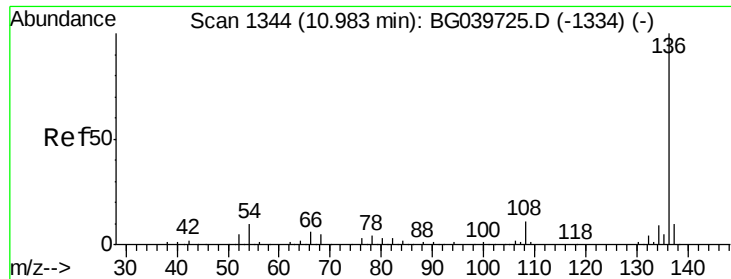
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

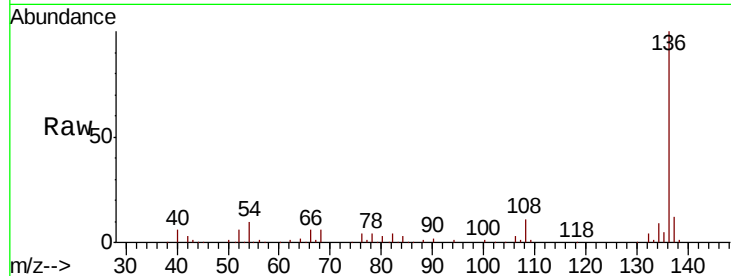




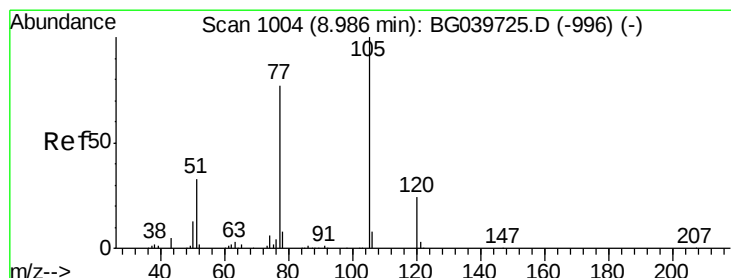
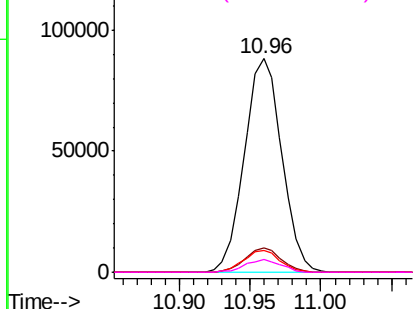
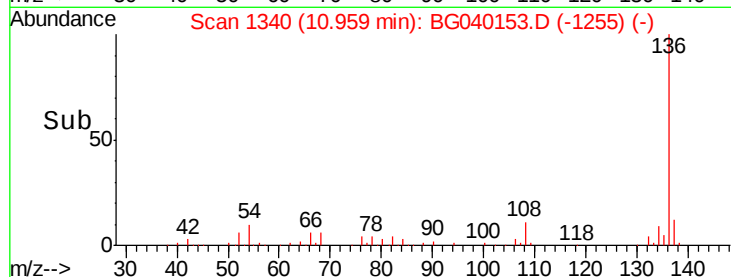
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion:	136	Resp:	163923
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.2	9.4	14.2
68	5.9	4.2	6.4

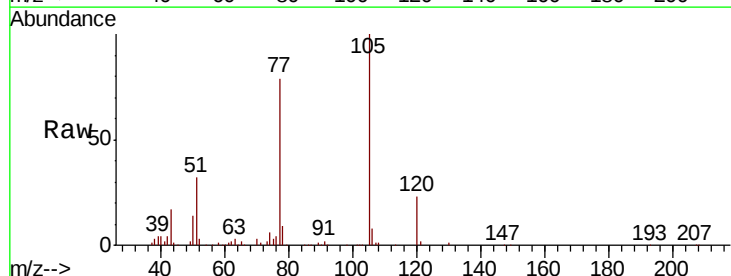


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

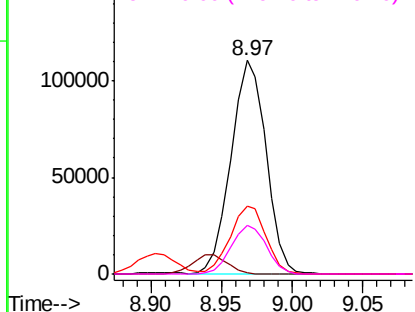
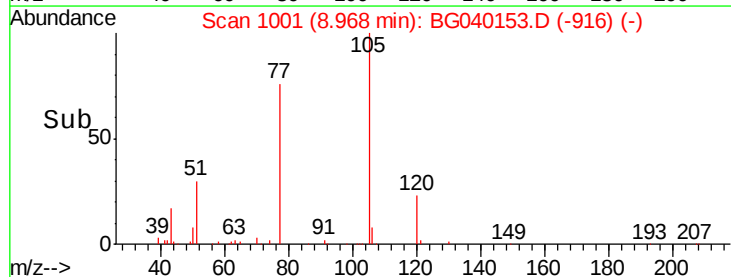


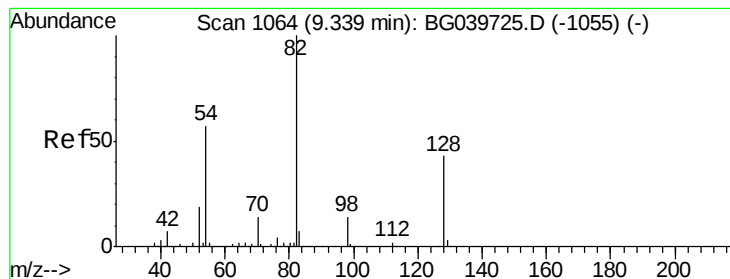
#22
Acetophenone
Concen: 43.569 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:	105	Resp:	191688
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.8	1.2#
51	31.7	30.2	45.2
120	23.1	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 95.950 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

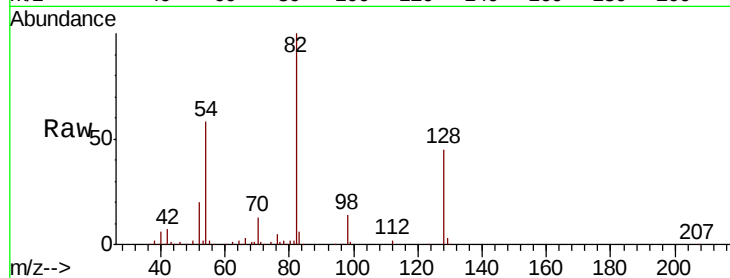
Tgt Ion: 82 Resp: 290815

Ion Ratio Lower Upper

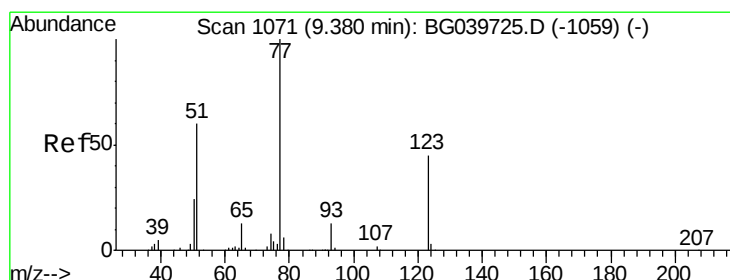
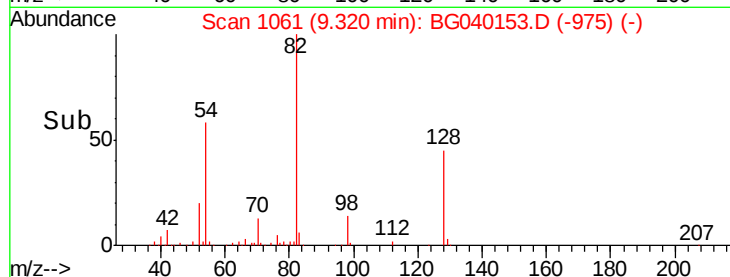
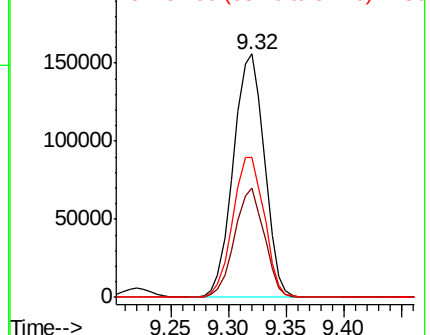
82 100

128 44.8 31.3 46.9

54 57.6 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 47.483 ng

RT: 9.36 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

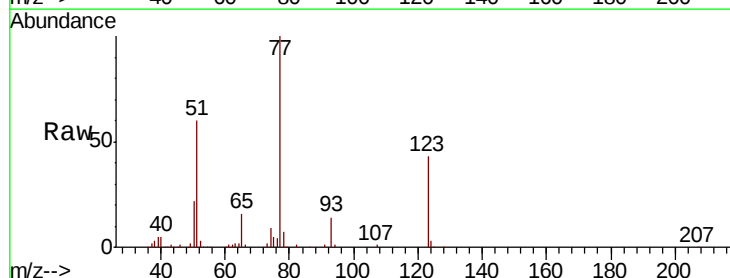
Tgt Ion: 77 Resp: 150977

Ion Ratio Lower Upper

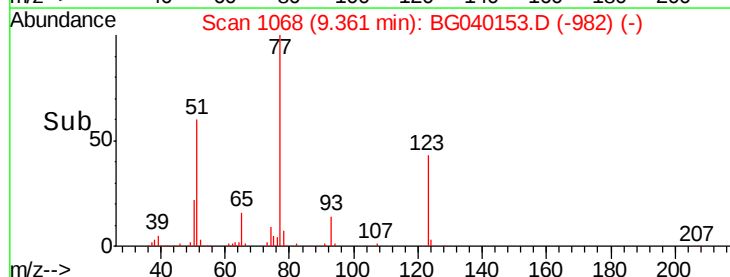
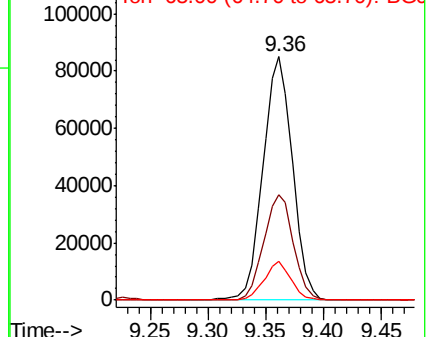
77 100

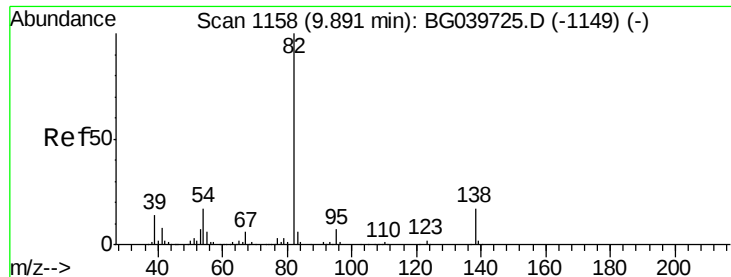
123 43.3 34.1 51.1

65 16.0 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.405 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

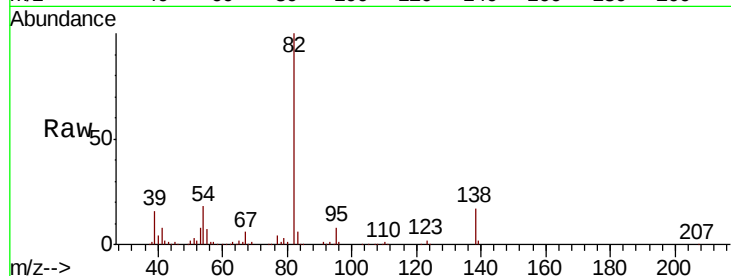
Tgt Ion: 82 Resp: 288356

Ion Ratio Lower Upper

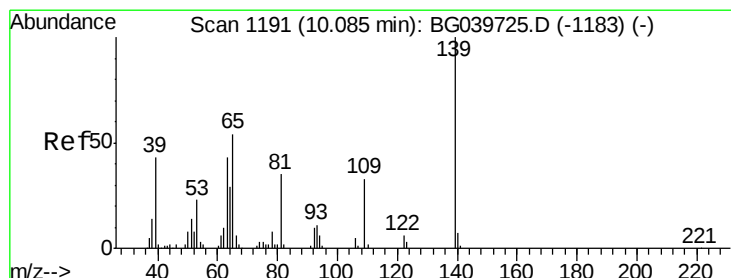
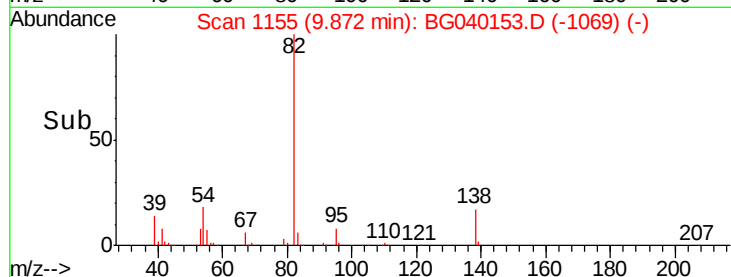
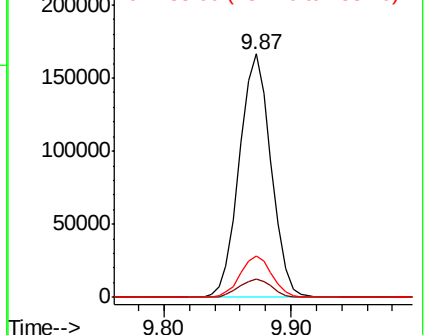
82 100

95 7.7 6.2 9.2

138 16.9 13.0 19.4



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



#26

2-Nitrophenol

Concen: 49.163 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

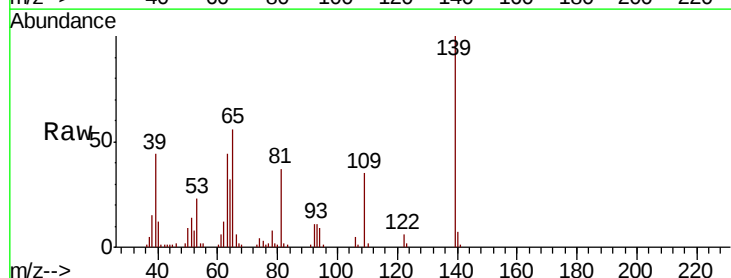
Tgt Ion: 139 Resp: 75475

Ion Ratio Lower Upper

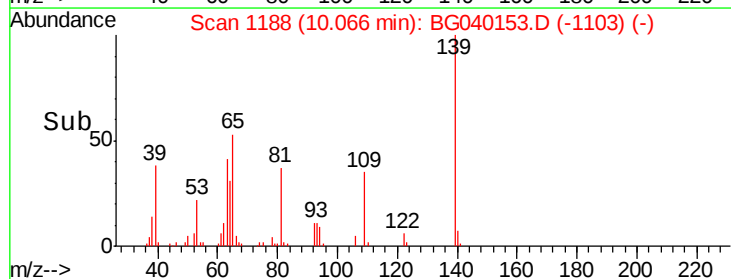
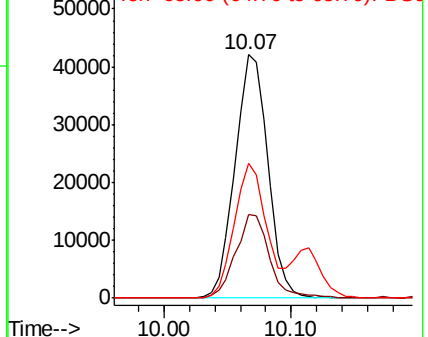
139 100

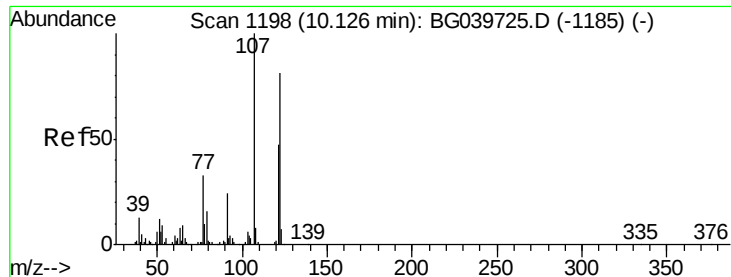
109 34.5 23.4 35.0

65 55.5 44.3 66.5



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

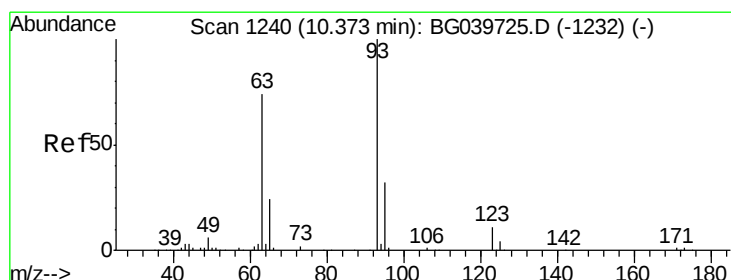
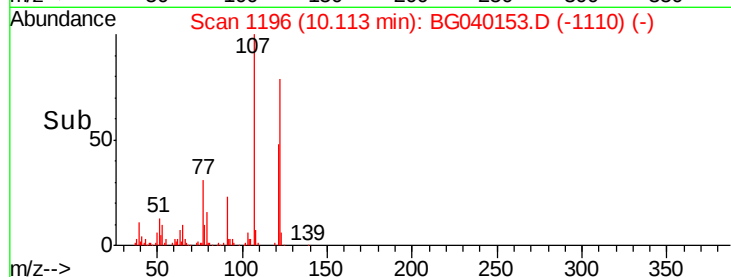
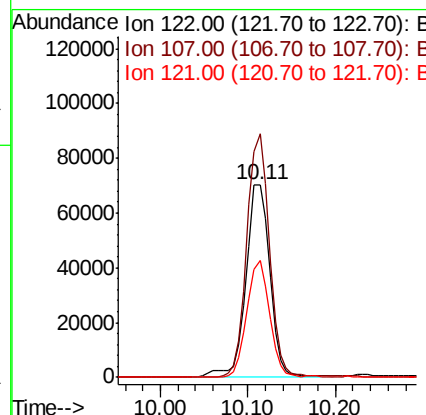
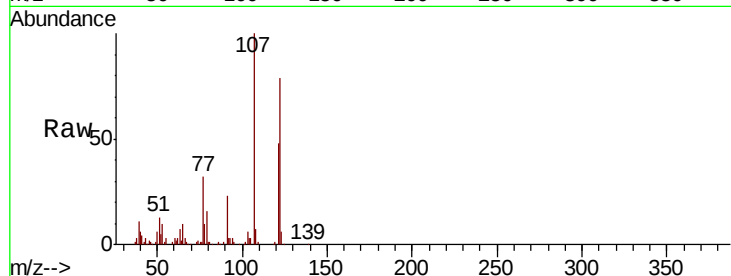




#27
2,4-Dimethylphenol
Concen: 54.596 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

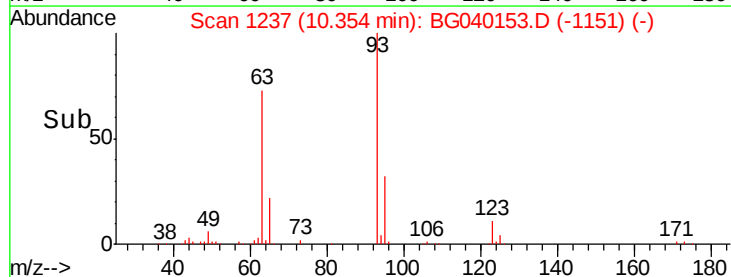
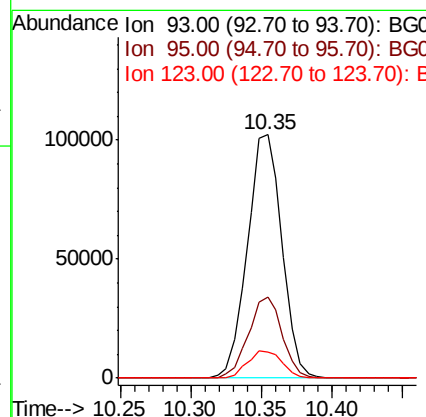
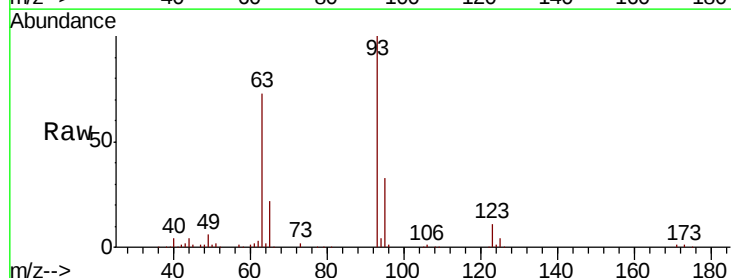
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

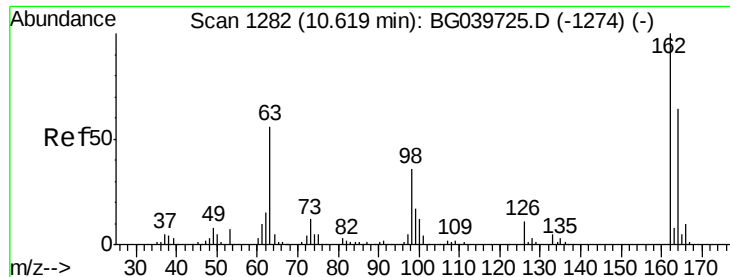
Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.5	91.7	137.5
121	61.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.409 ng
RT: 10.35 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.0	37.4
123	10.9	8.6	12.8

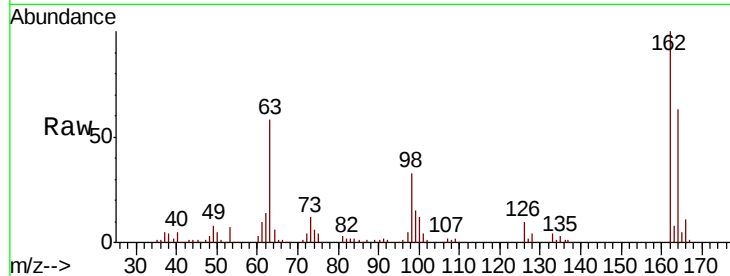




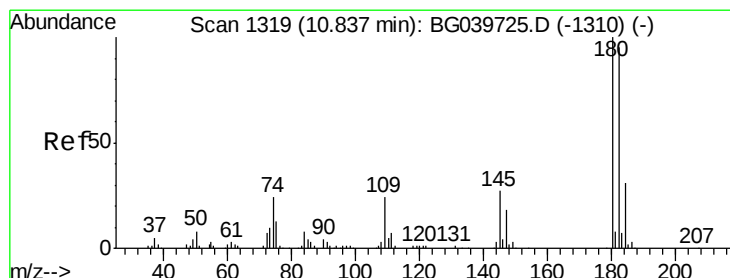
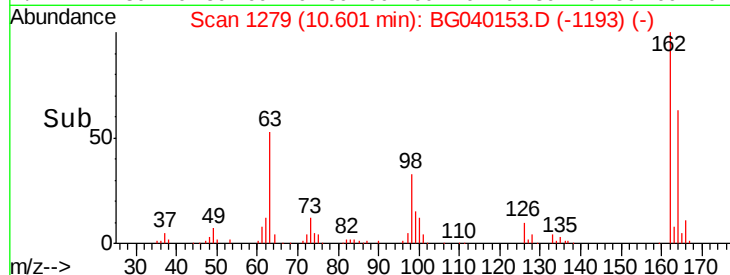
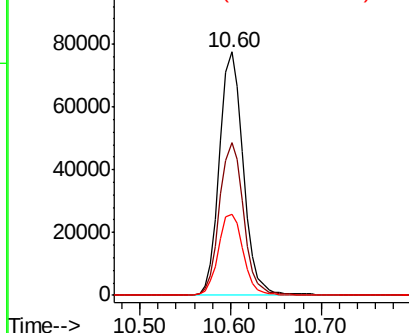
#29
2,4-Dichlorophenol
Concen: 52.702 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion:162 Resp: 141673
Ion Ratio Lower Upper
162 100
164 62.9 48.1 88.1
98 33.1 18.1 58.1

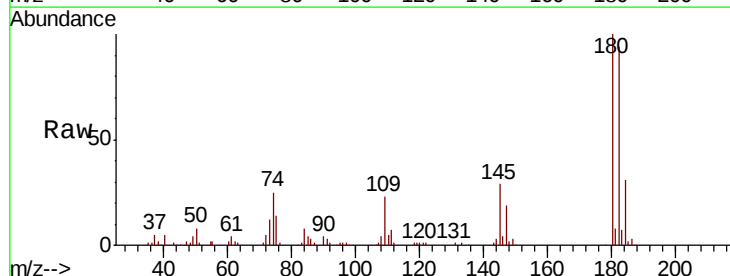


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

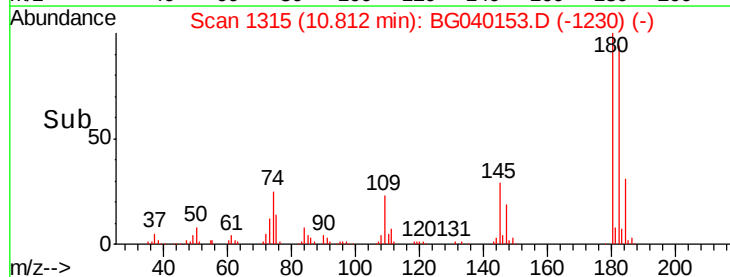
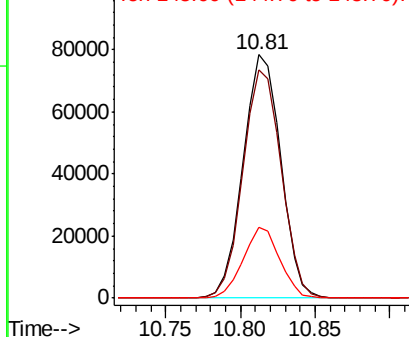


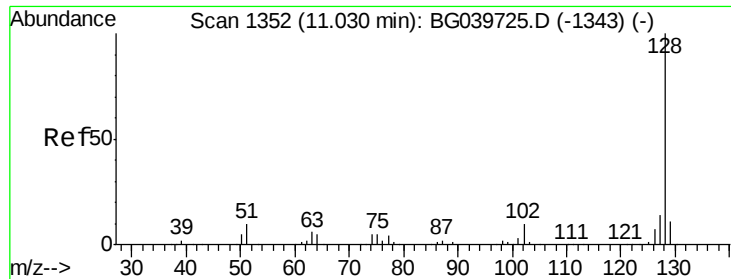
#30
1,2,4-Trichlorobenzene
Concen: 45.295 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:180 Resp: 137015
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 29.0 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

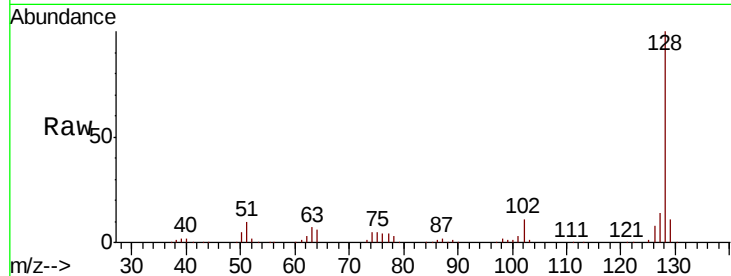




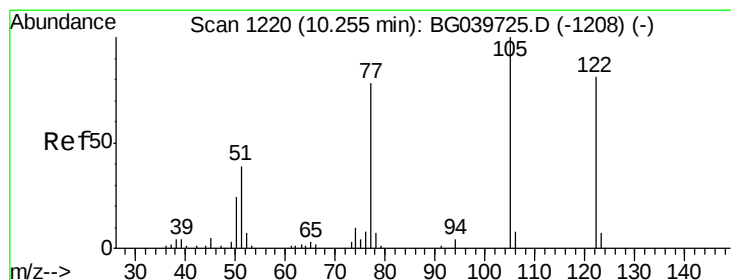
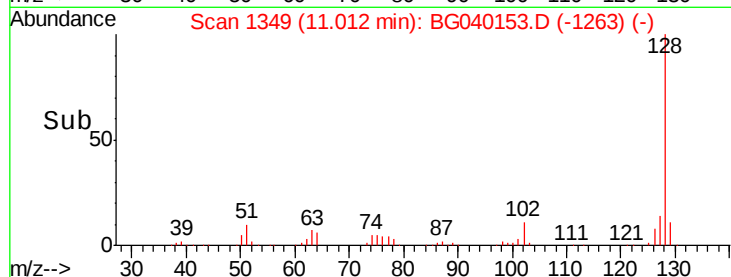
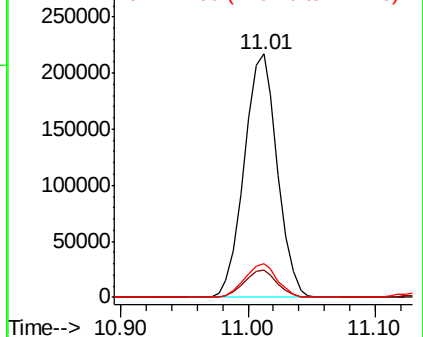
#31
Naphthalene
Concen: 45.258 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion:128 Resp: 392799
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.9 10.8 16.2

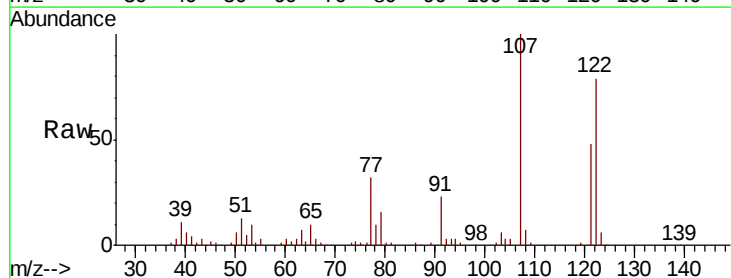


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

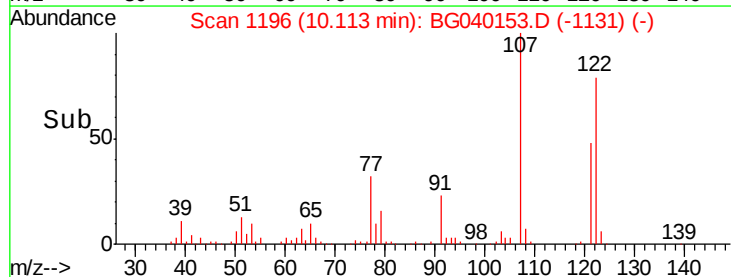
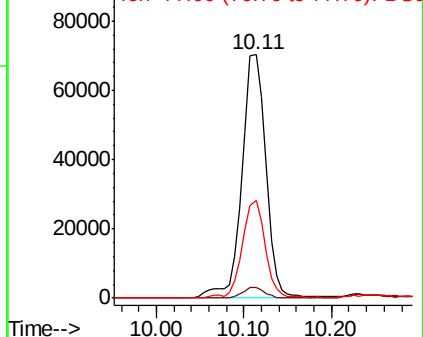


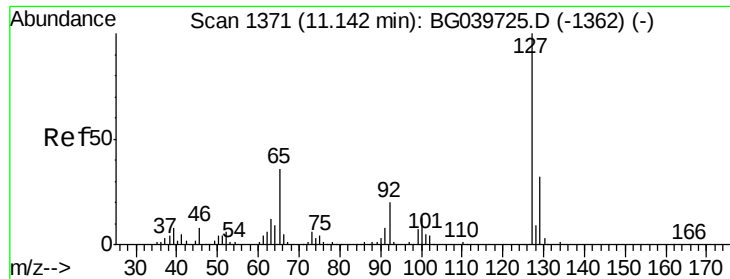
#32
Benzoic acid
Concen: 75.183 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.15 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:122 Resp: 130355
Ion Ratio Lower Upper
122 100
105 4.2 101.8 141.8#
77 40.1 76.3 116.3#



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

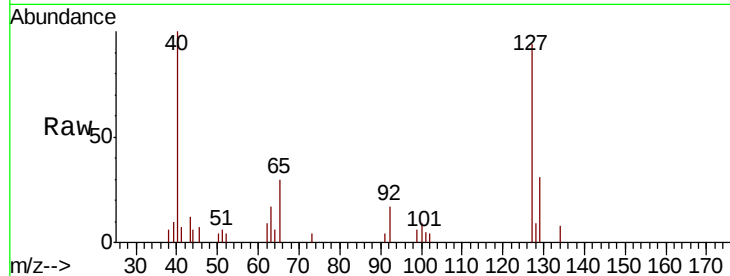




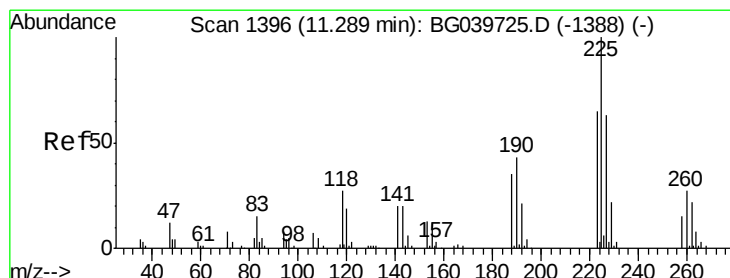
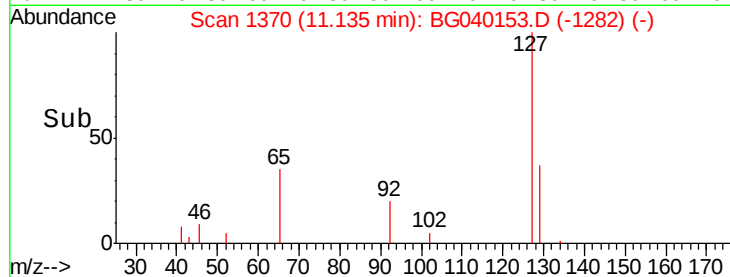
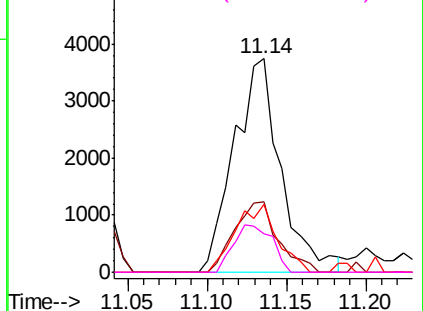
#33
4-Chloroaniline
Concen: 2.069 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion:	127	Resp:	7615
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.0	40.4
65	31.7	28.8	43.2
92	17.8	16.6	25.0

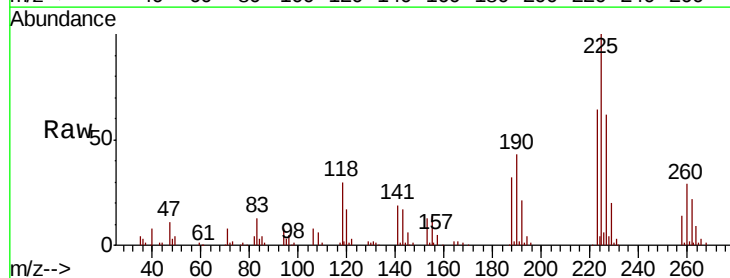


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

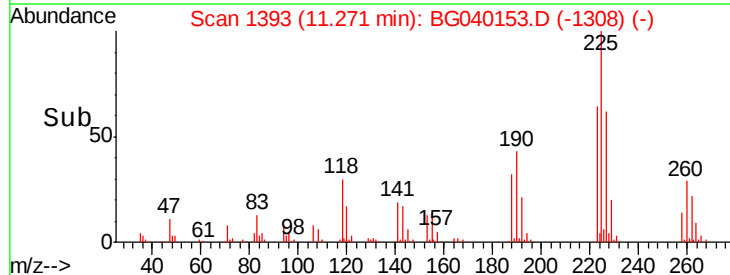
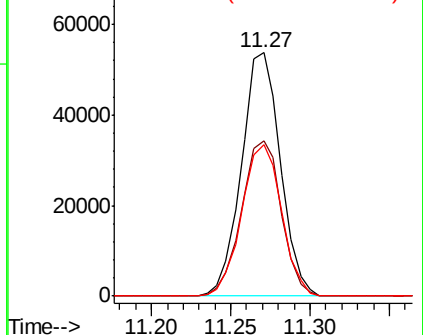


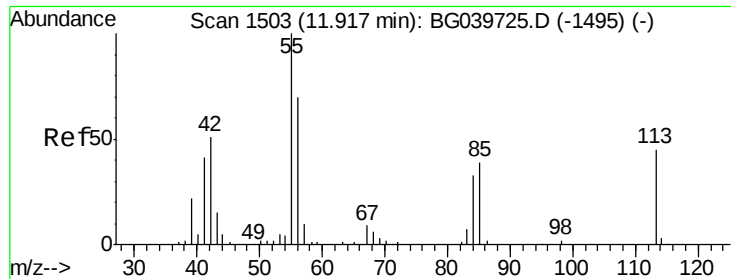
#34
Hexachlorobutadiene
Concen: 44.260 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:	225	Resp:	91489
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	62.1	46.3	69.5



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

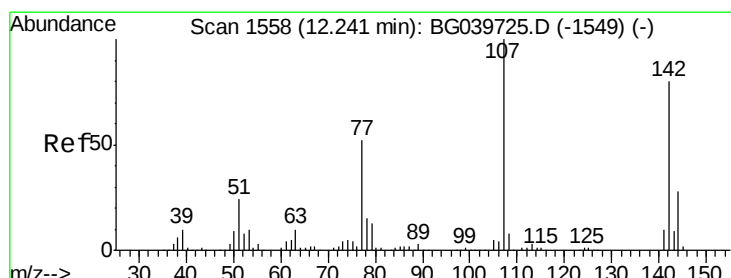
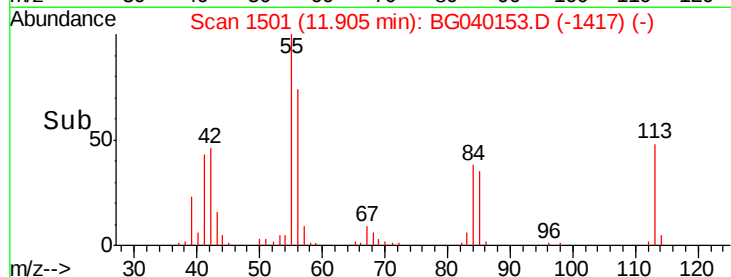
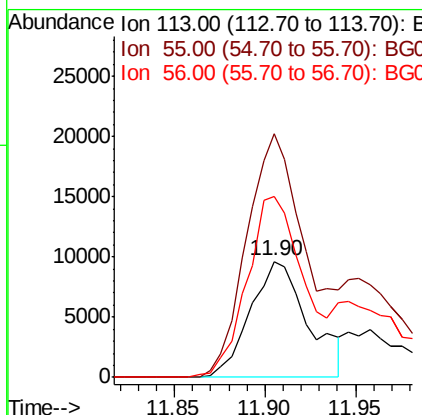
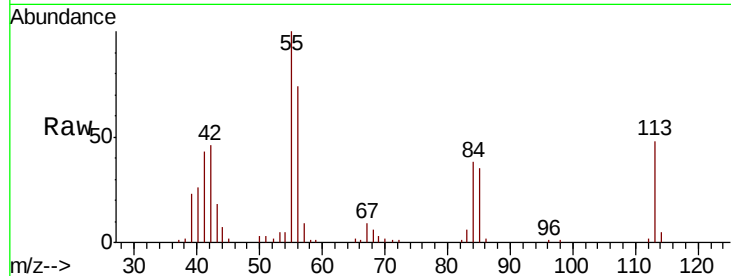




#35
 Caprolactam
 Concen: 20.882 ng
 RT: 11.90 min Scan# 1501
 Delta R.T. -0.04 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

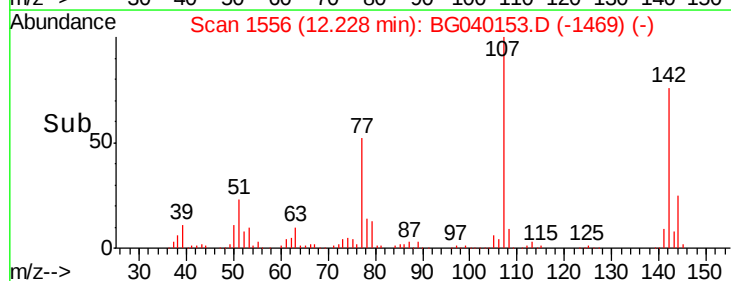
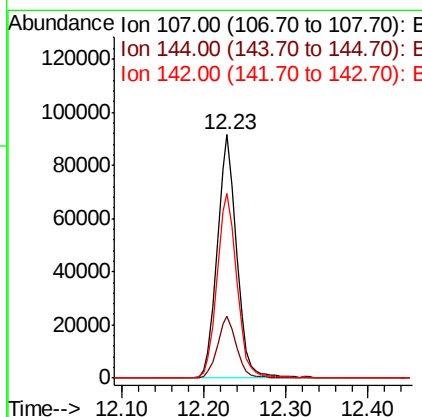
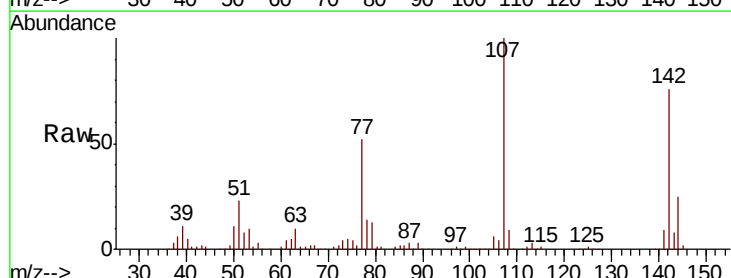
Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

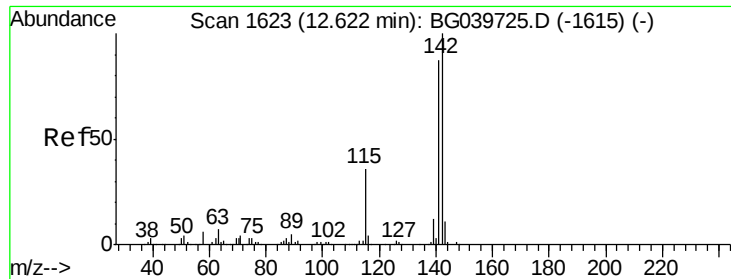
Tgt Ion:113 Resp: 21443
 Ion Ratio Lower Upper
 113 100
 55 209.6 216.9 256.9#
 56 155.3 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.375 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Tgt Ion:107 Resp: 152153
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 76.0 61.4 92.2

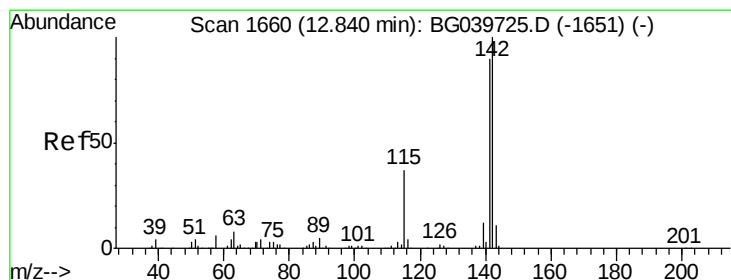
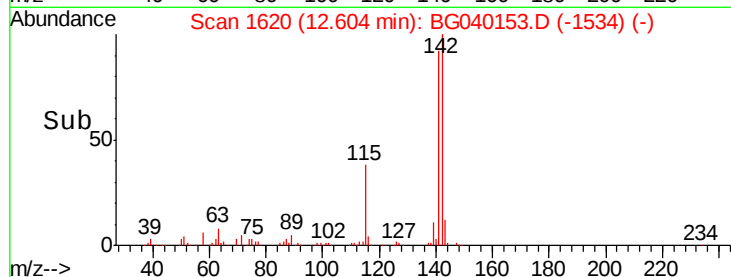
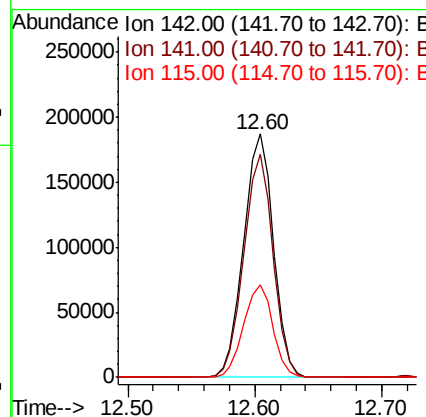
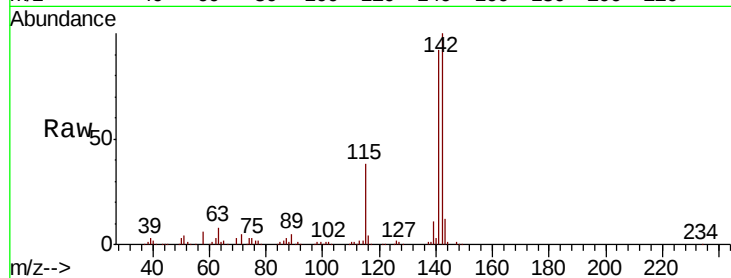




#37
2-Methylnaphthalene
Concen: 46.972 ng
RT: 12.60 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

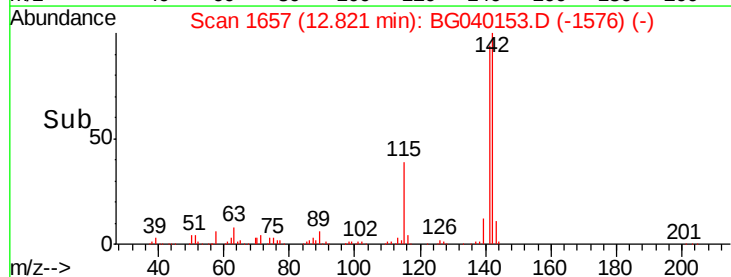
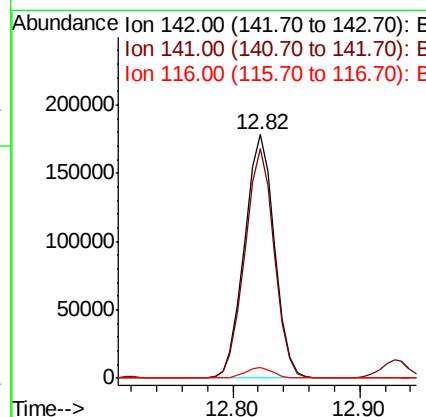
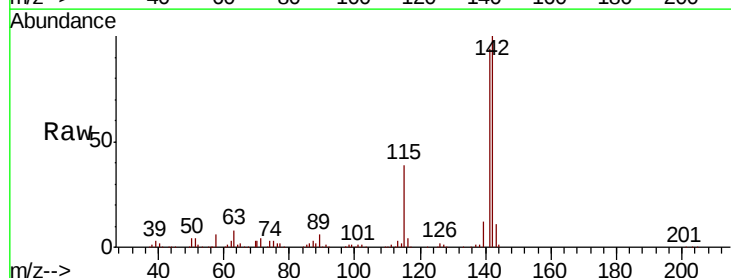
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

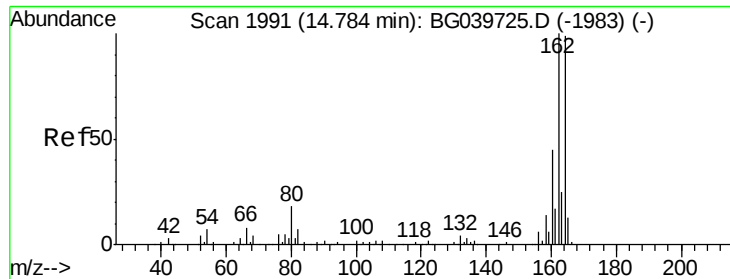
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.5	110.3
115	38.2	30.8	46.2



#38
1-Methylnaphthalene
Concen: 46.176 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

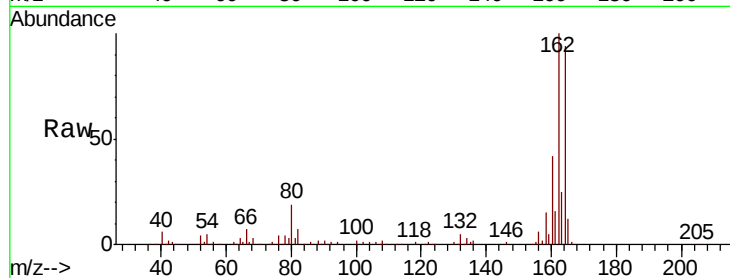
Tgt Ion:164 Resp: 109829

Ion Ratio Lower Upper

164 100

162 106.5 81.6 122.4

160 45.2 34.2 51.2

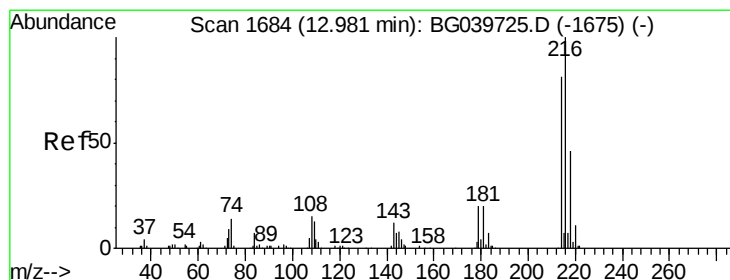
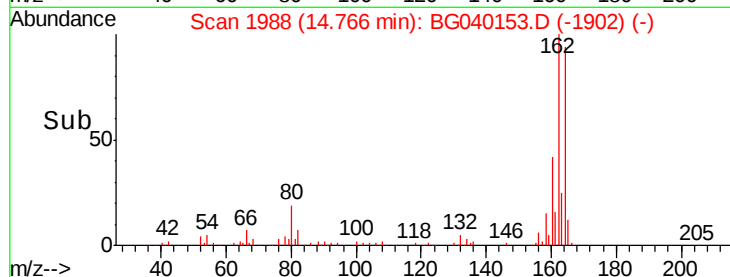
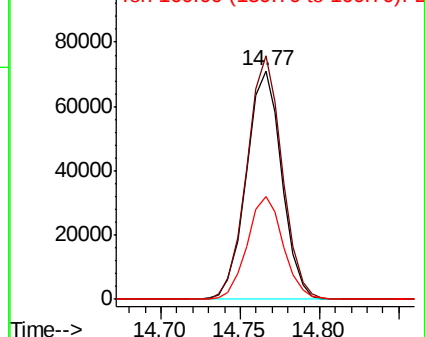


Abundance

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: 46.517 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Tgt Ion:216 Resp: 173078

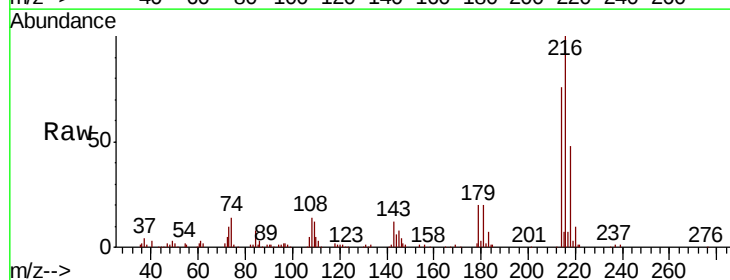
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 20.6 16.6 25.0

108 17.7 14.0 21.0



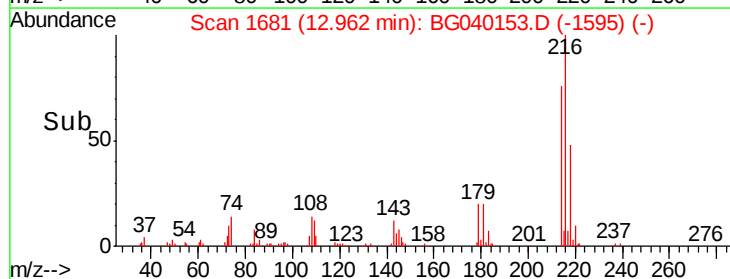
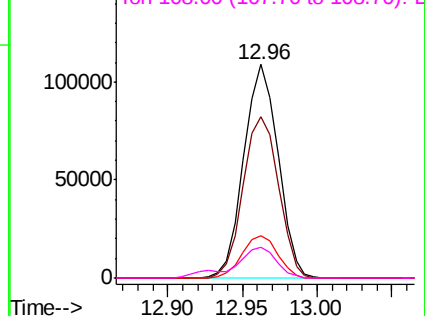
Abundance

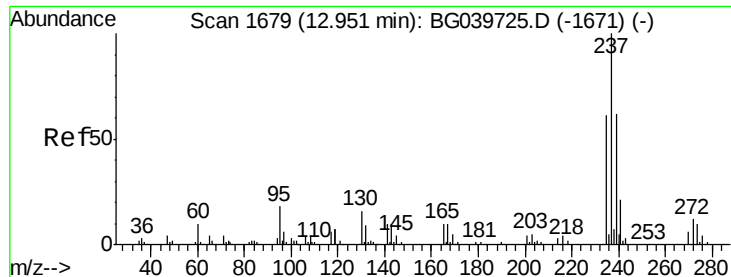
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.972 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

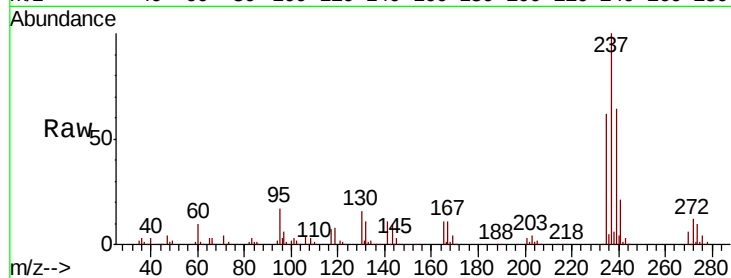
Tgt Ion: 237 Resp: 199340

Ion Ratio Lower Upper

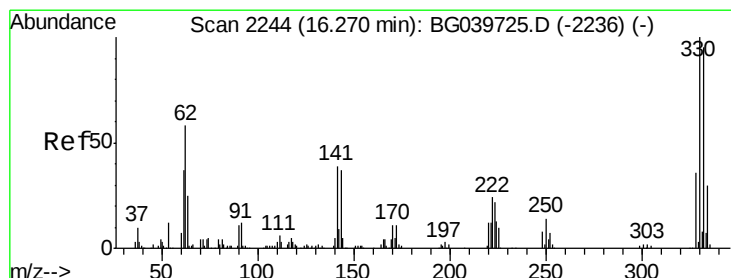
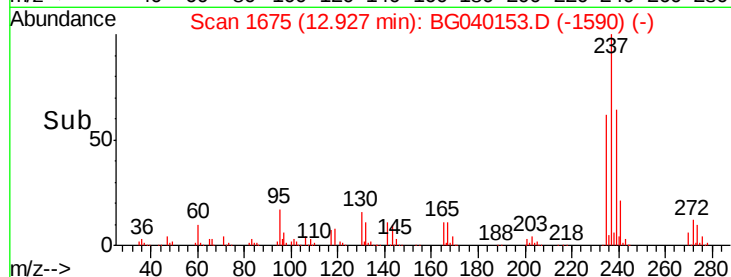
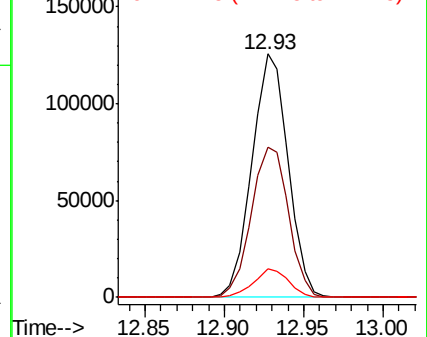
237 100

235 61.8 43.3 83.3

272 11.9 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: 156.050 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

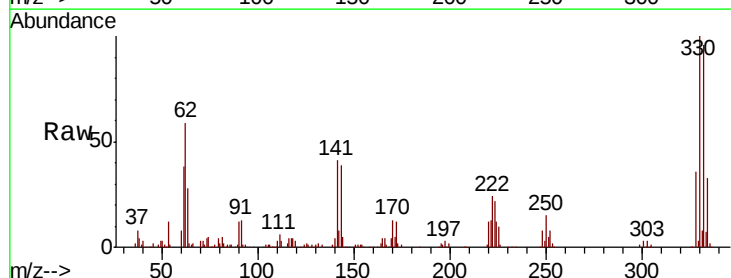
Tgt Ion: 330 Resp: 199765

Ion Ratio Lower Upper

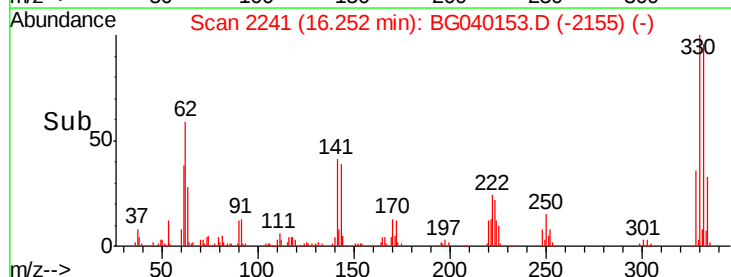
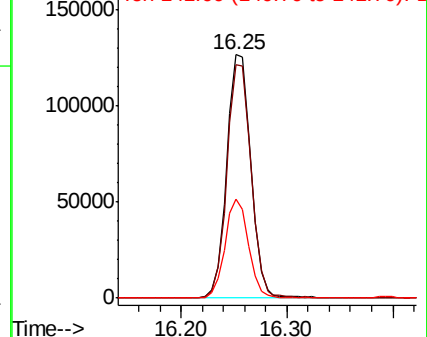
330 100

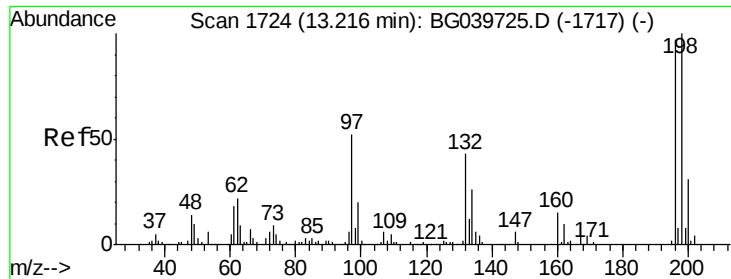
332 95.8 75.7 113.5

141 39.9 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

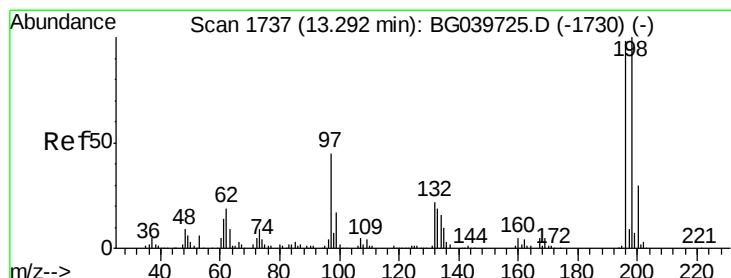
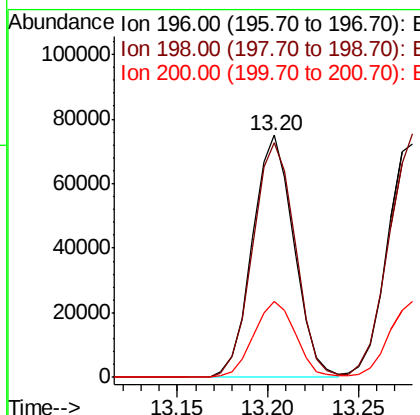
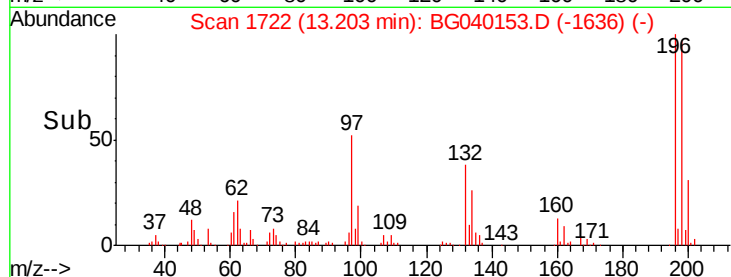
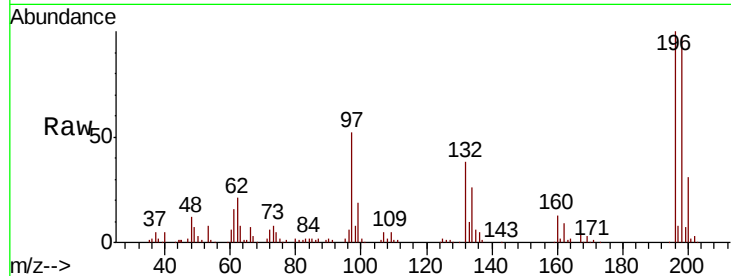




#43
 2,4,6-Trichlorophenol
 Concen: 54.702 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

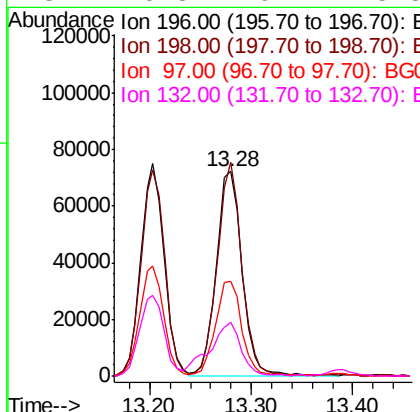
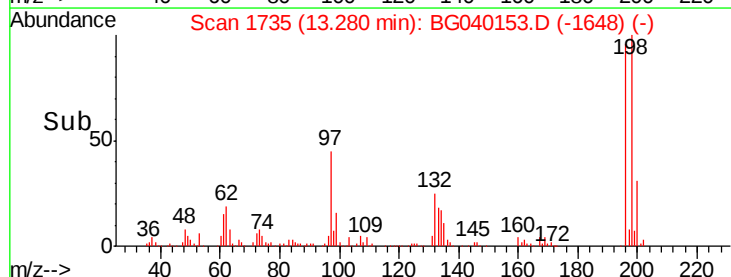
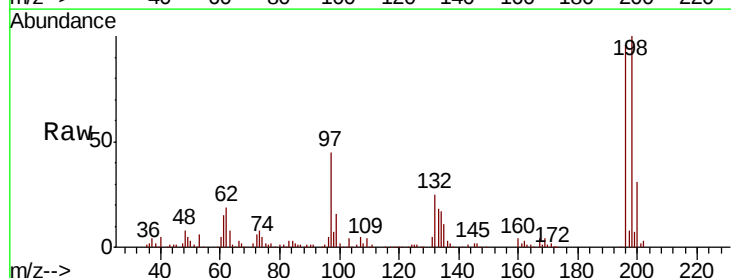
Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

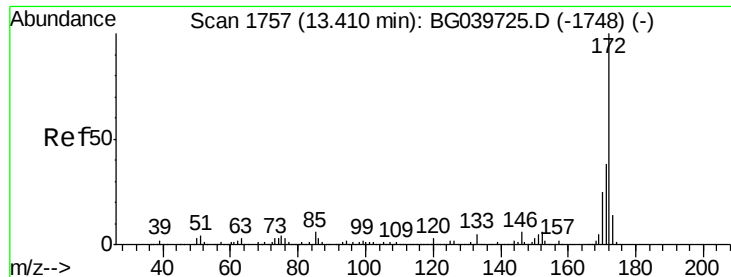
Tgt Ion:	196	Resp:	119159
Ion	Ratio	Lower	Upper
196	100		
198	96.9	80.6	121.0
200	31.2	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.813 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Tgt Ion:	196	Resp:	127220
Ion	Ratio	Lower	Upper
196	100		
198	104.3	78.5	117.7
97	46.6	38.4	57.6
132	26.3	19.2	28.8

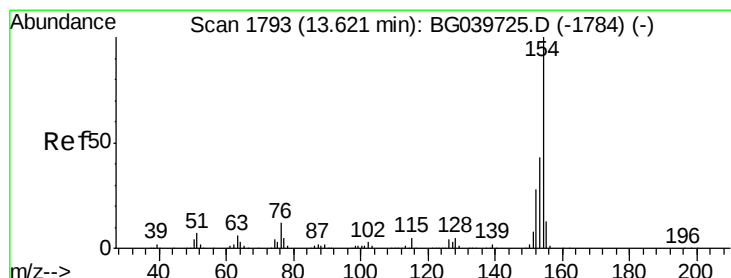
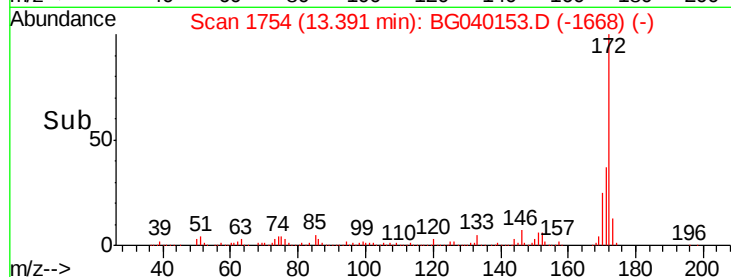
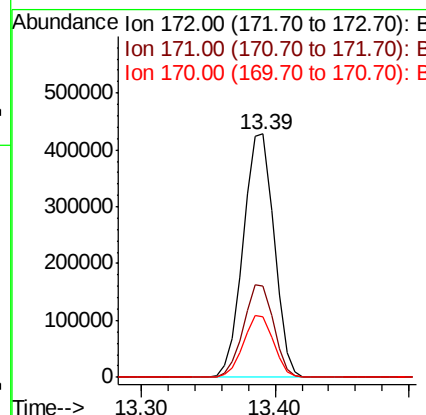
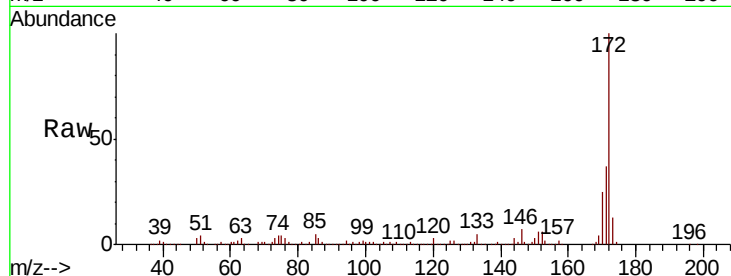




#45
 2-Fluorobiphenyl
 Concen: 88.665 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

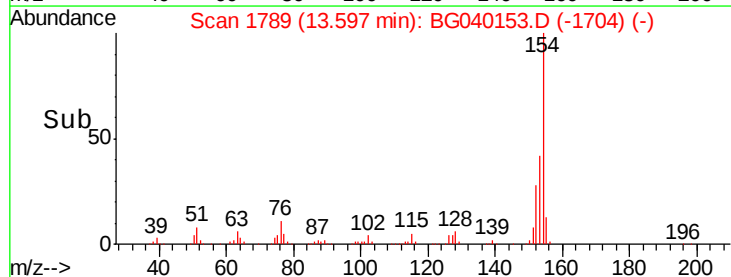
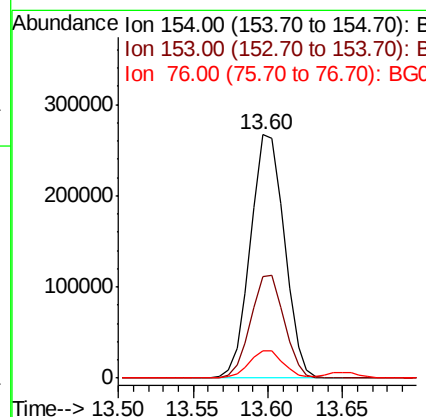
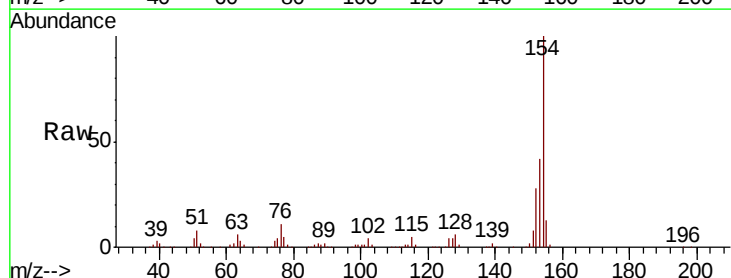
Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

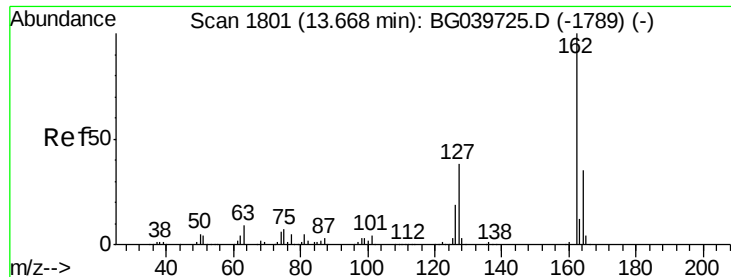
Tgt Ion:172 Resp: 683928
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 24.6 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 46.297 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Tgt Ion:154 Resp: 418217
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.1 62.1
 76 11.4 0.0 32.4

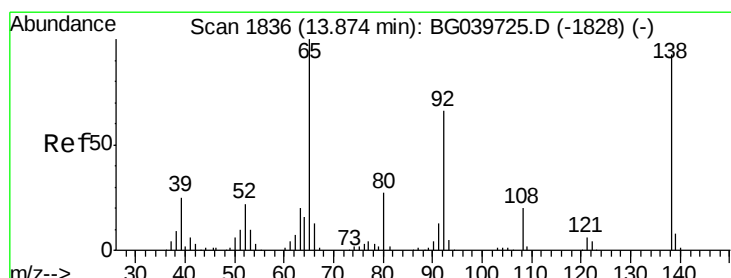
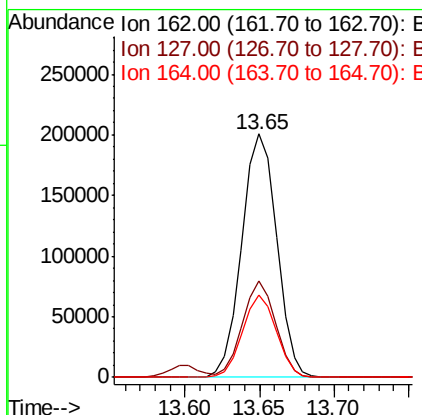
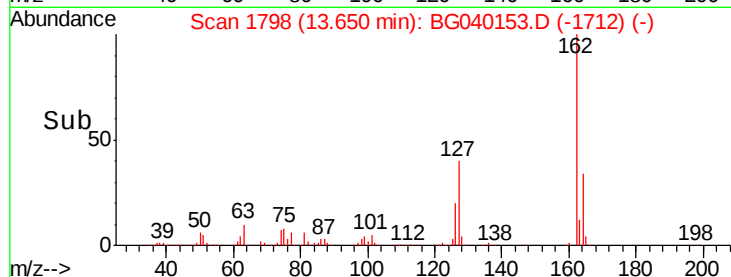
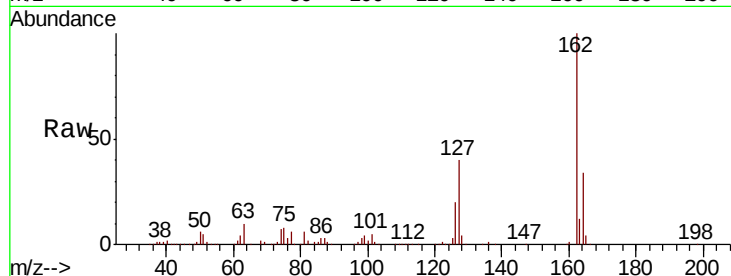




#47
2-Chloronaphthalene
Concen: 47.872 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

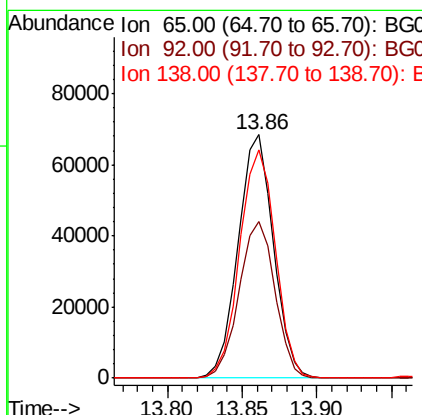
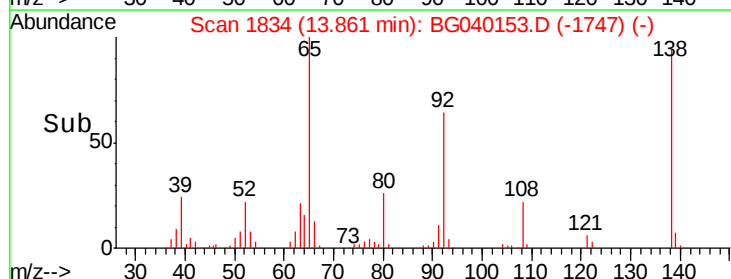
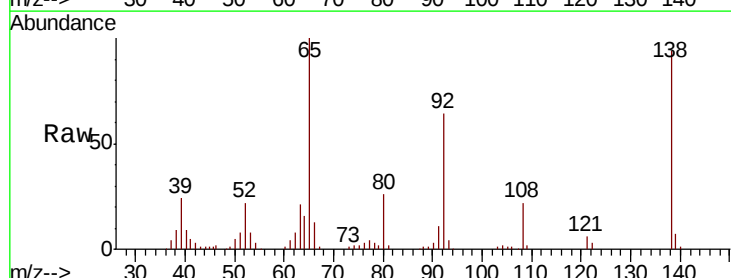
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

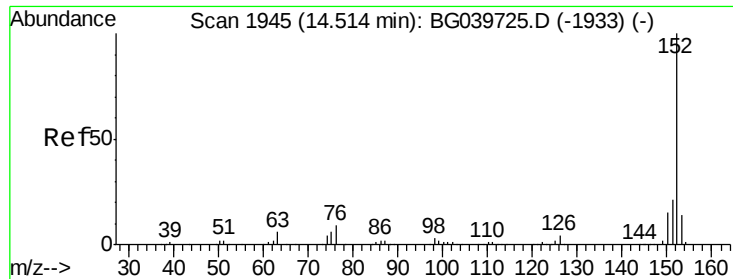
Tgt Ion: 162 Resp: 325322
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.6
164 33.7 25.7 38.5



#48
2-Nitroaniline
Concen: 51.535 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion: 65 Resp: 112549
Ion Ratio Lower Upper
65 100
92 64.5 51.4 77.2
138 93.9 71.4 107.2





#49

Acenaphthylene

Concen: 46.753 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

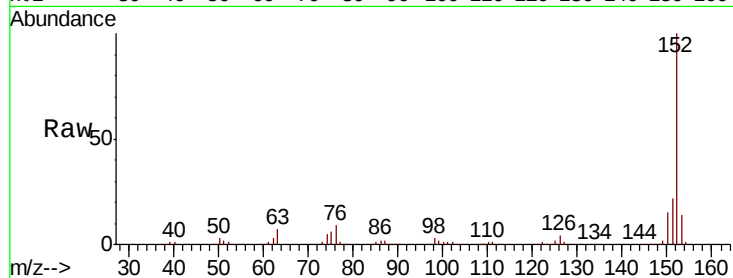
Tgt Ion:152 Resp: 521565

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

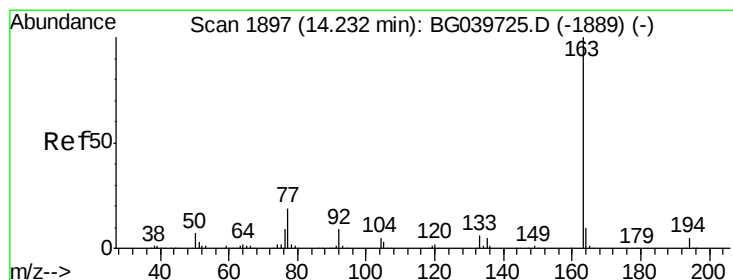
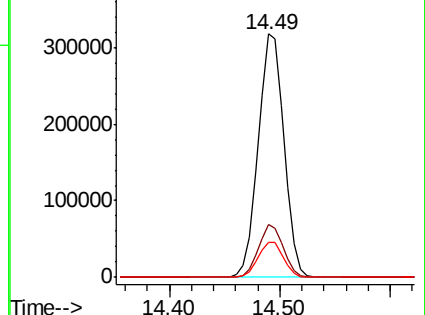
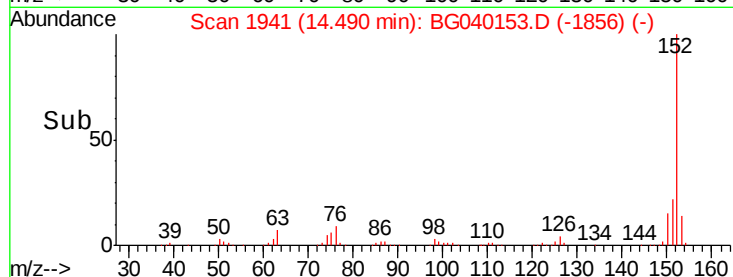
153 14.4 11.7 17.5



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: 48.510 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

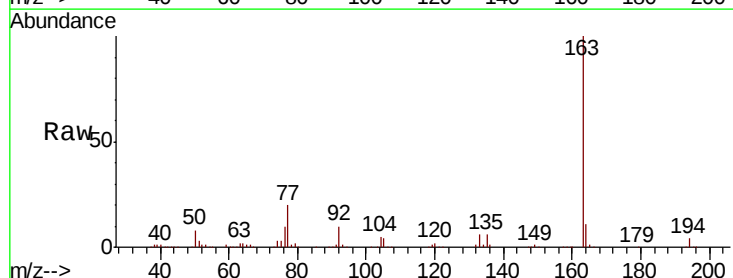
Tgt Ion:163 Resp: 445504

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

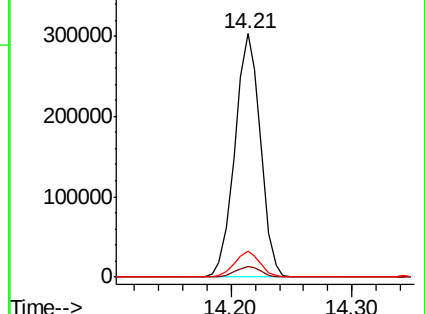
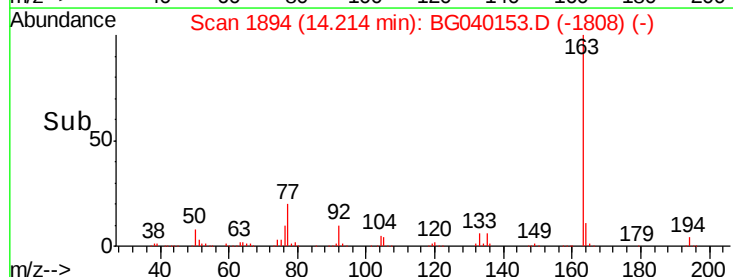
164 10.8 8.4 12.6

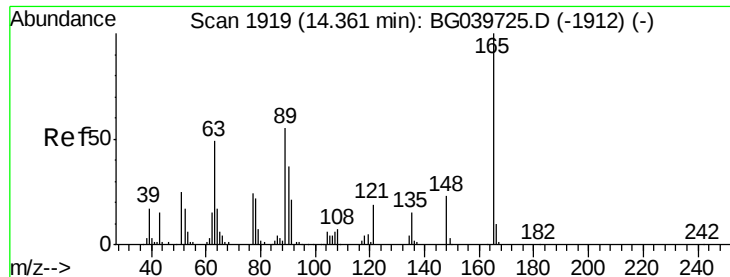


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.575 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

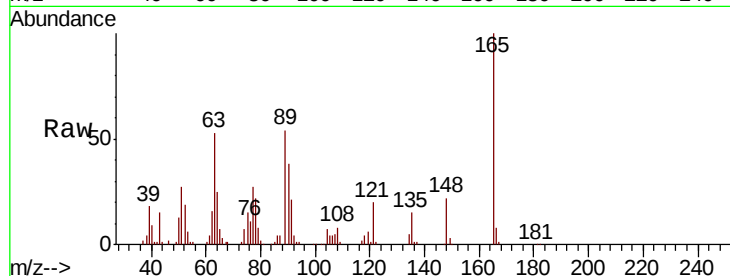
Tgt Ion:165 Resp: 98466

Ion Ratio Lower Upper

165 100

63 53.0 47.0 70.6

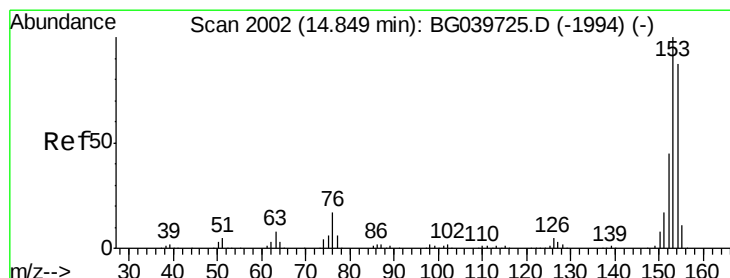
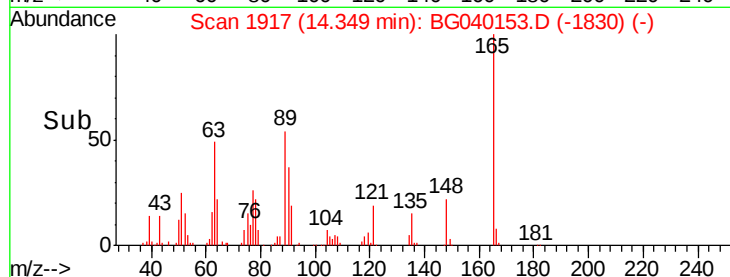
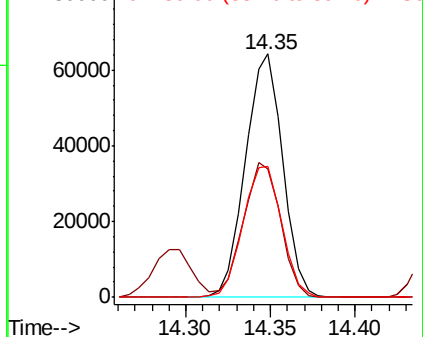
89 53.6 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 47.384 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

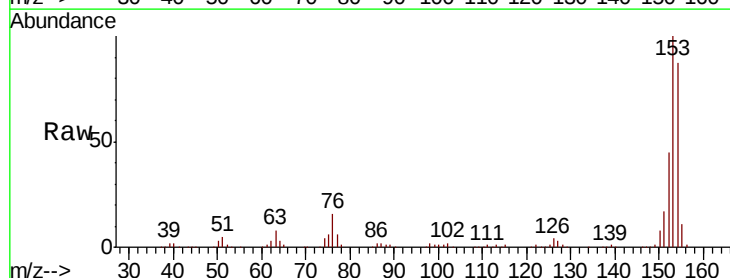
Tgt Ion:154 Resp: 318156

Ion Ratio Lower Upper

154 100

153 115.0 90.1 135.1

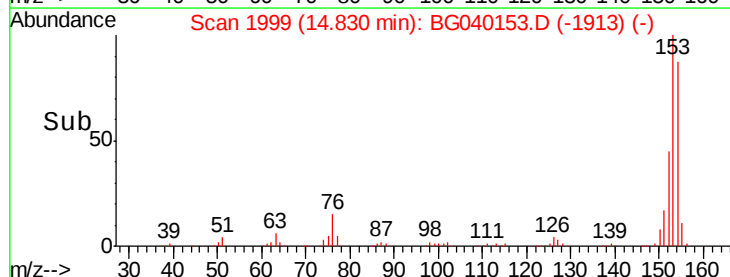
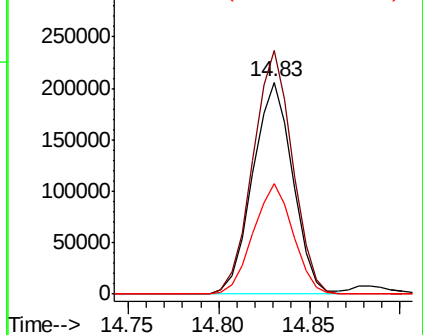
152 52.0 40.9 61.3

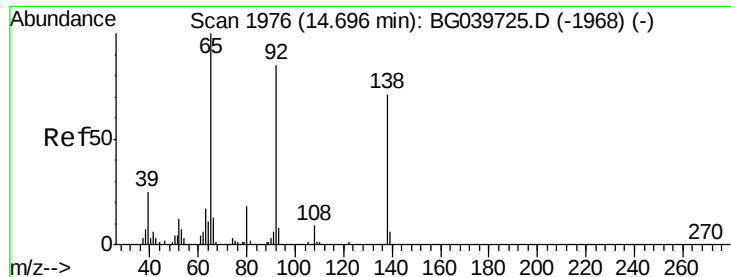


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 4.874 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

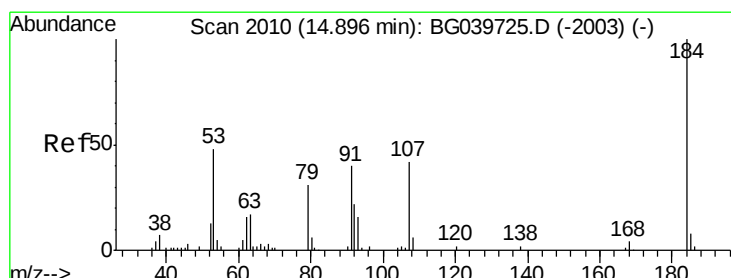
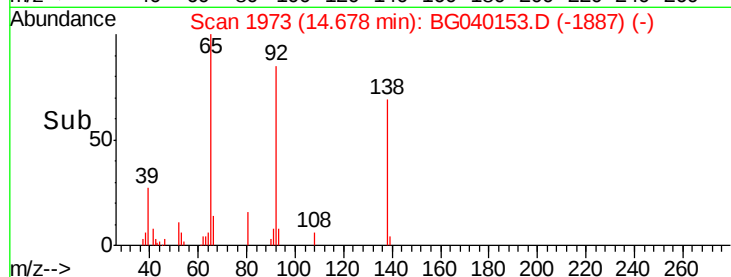
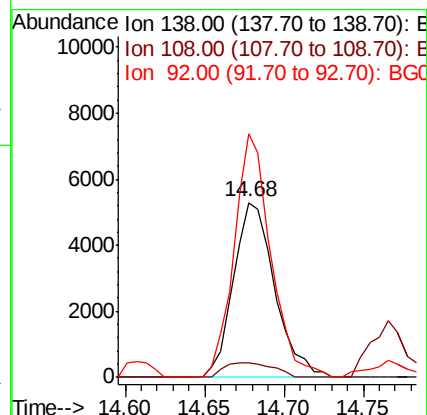
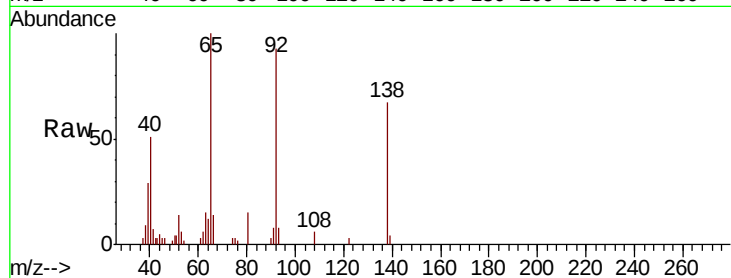
Tgt Ion:138 Resp: 9538

Ion Ratio Lower Upper

138 100

108 8.2 13.8 20.8#

92 139.3 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 22.672 ng

RT: 14.88 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

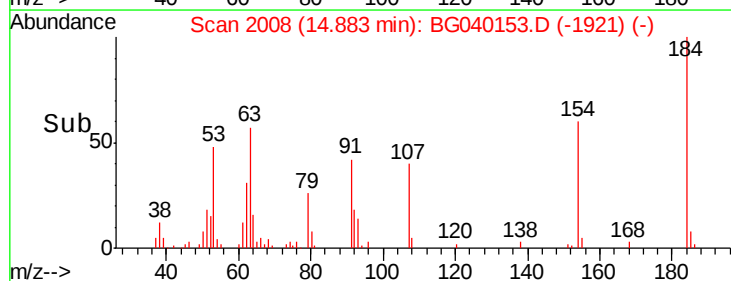
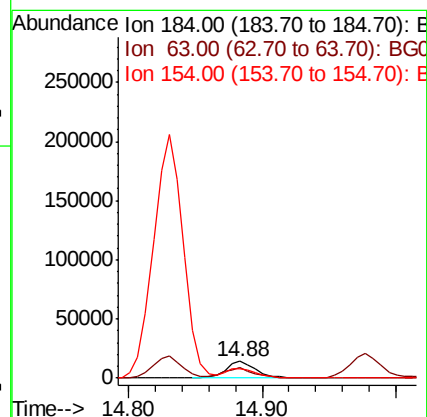
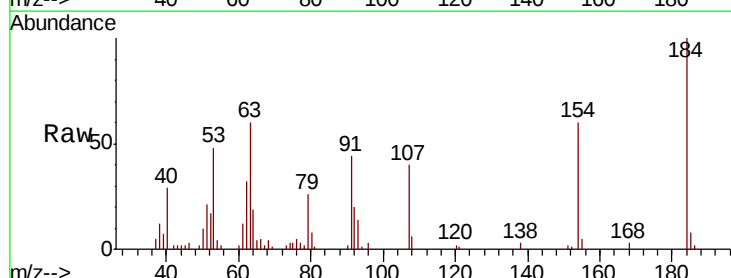
Tgt Ion:184 Resp: 22887

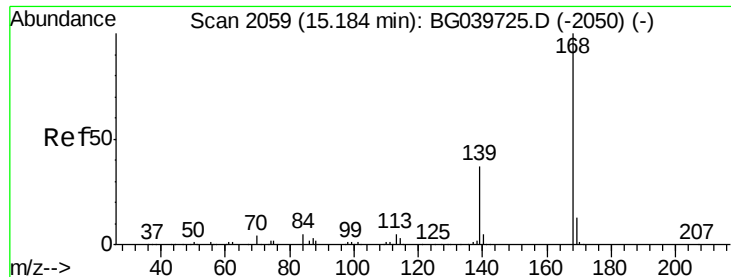
Ion Ratio Lower Upper

184 100

63 60.0 50.9 76.3

154 59.6 53.0 79.6





#55

Dibenzenofuran

Concen: 47.526 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

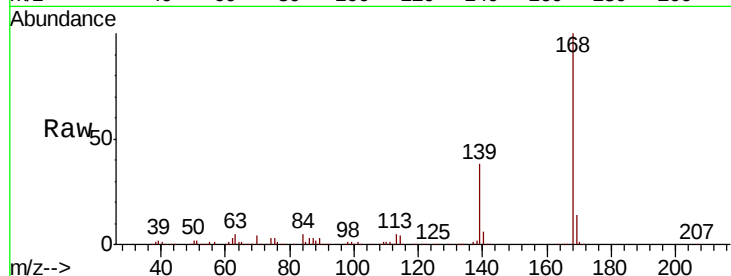
Tgt Ion:168 Resp: 523563

Ion Ratio Lower Upper

168 100

139 38.2 30.1 45.1

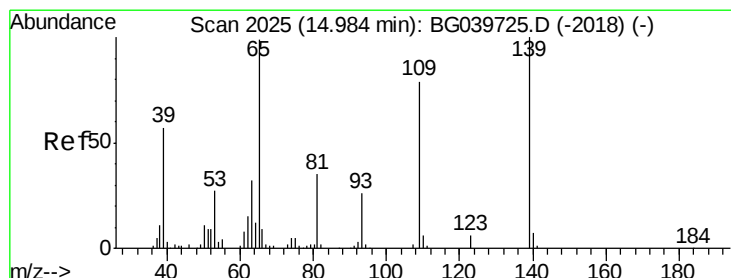
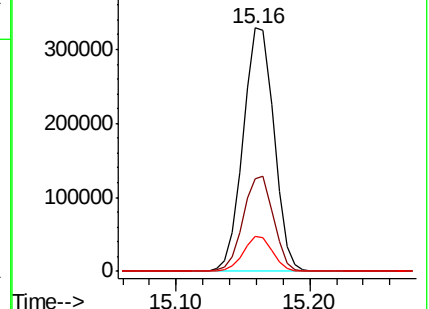
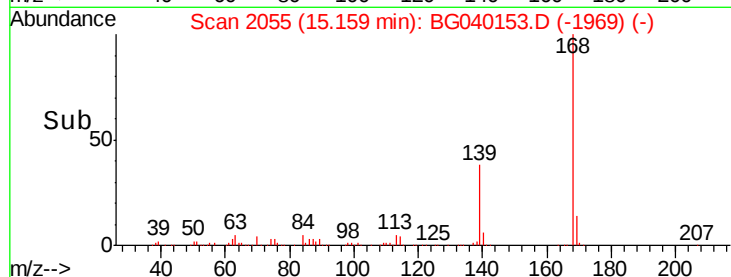
169 14.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 67.469 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

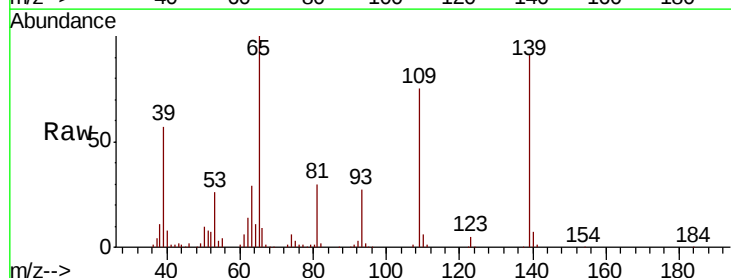
Tgt Ion:139 Resp: 118121

Ion Ratio Lower Upper

139 100

109 82.5 61.9 101.9

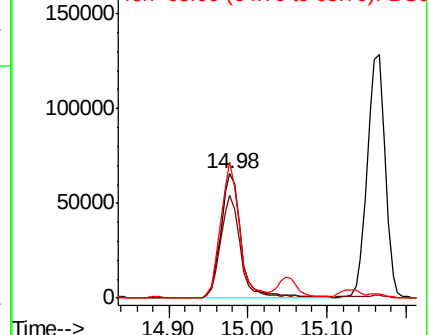
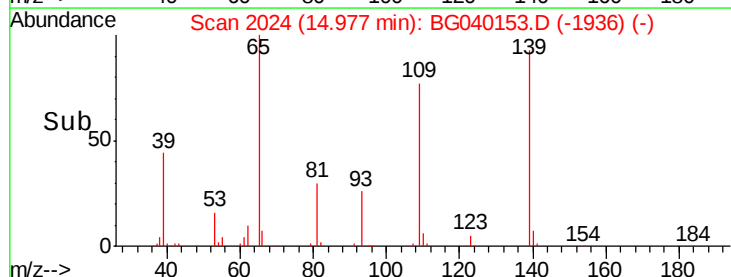
65 110.0 99.1 139.1

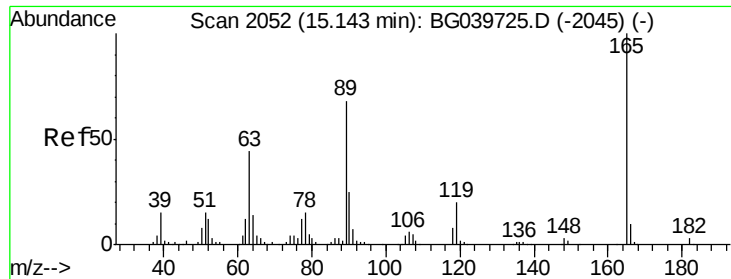


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

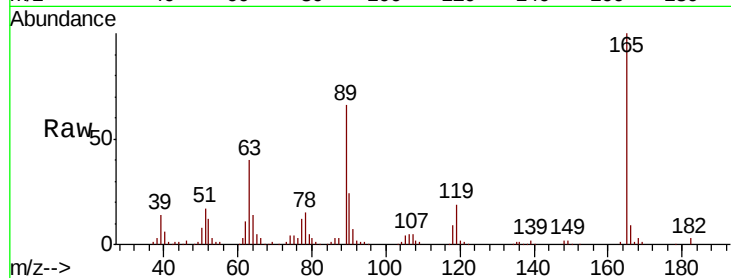




#57
2,4-Dinitrotoluene
Concen: 51.035 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.7	41.0	61.6#
89	65.9	64.6	96.8
182	2.5	2.0	3.0



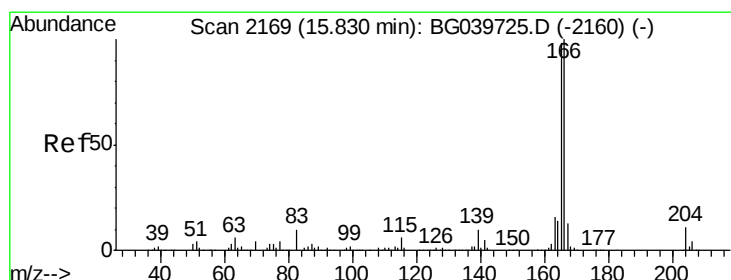
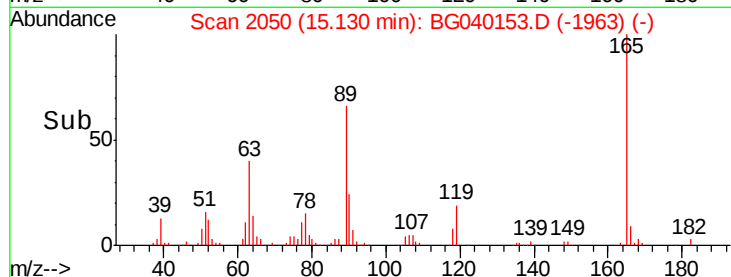
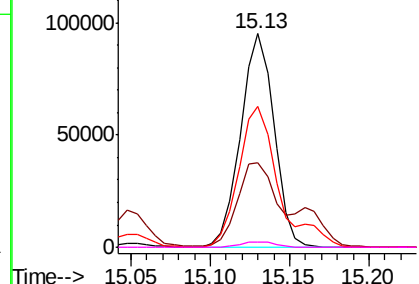
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

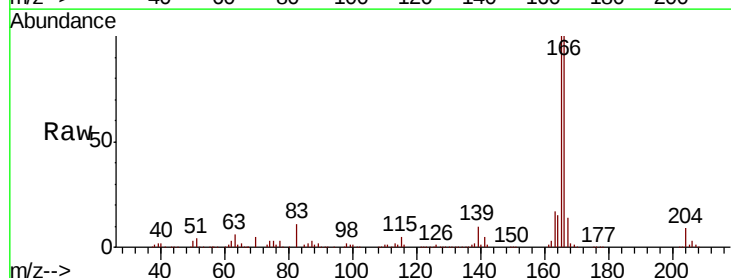
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.829 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	13.7	10.8	16.2

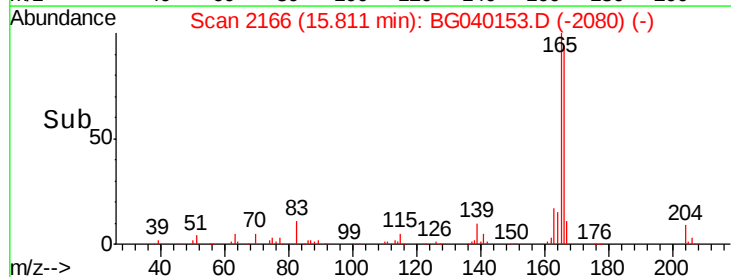
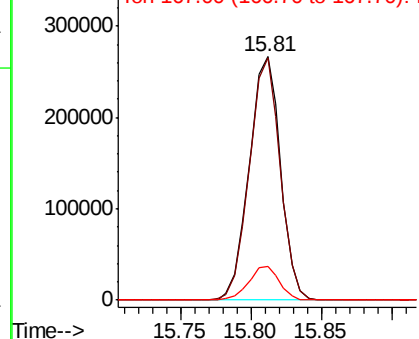


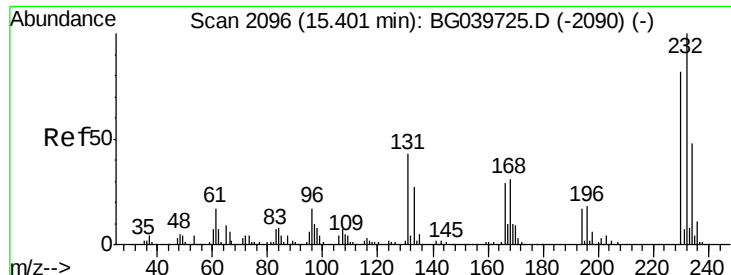
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

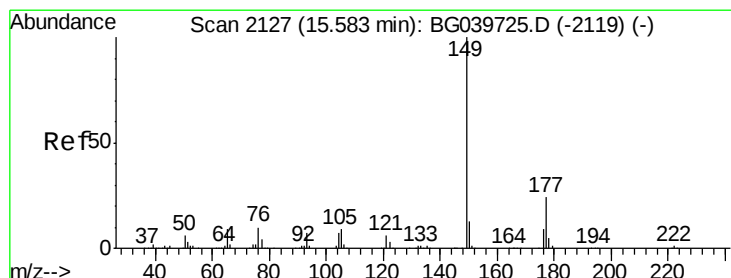
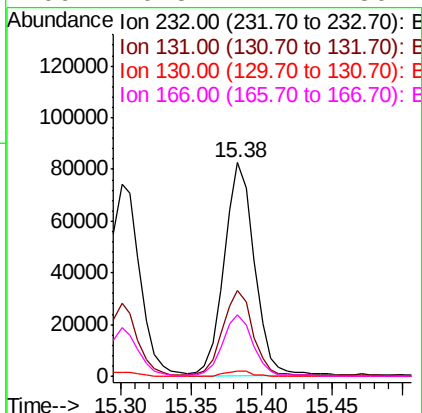
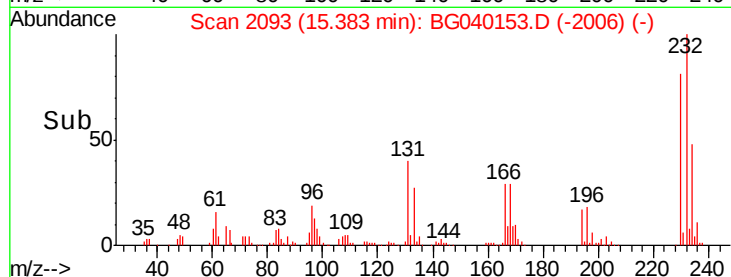
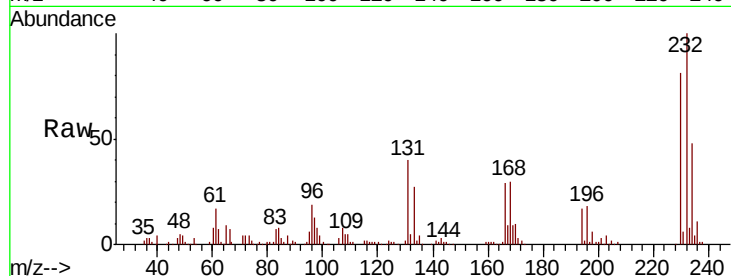




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.101 ng
RT: 15.38 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

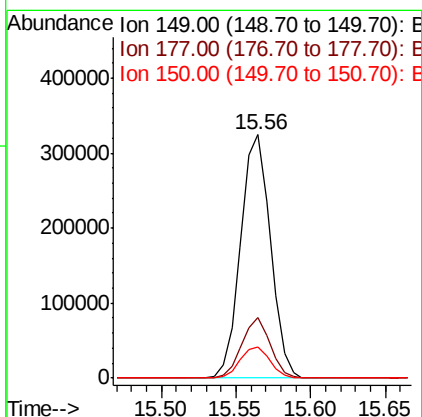
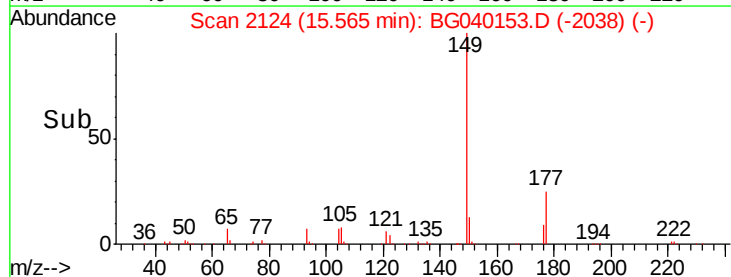
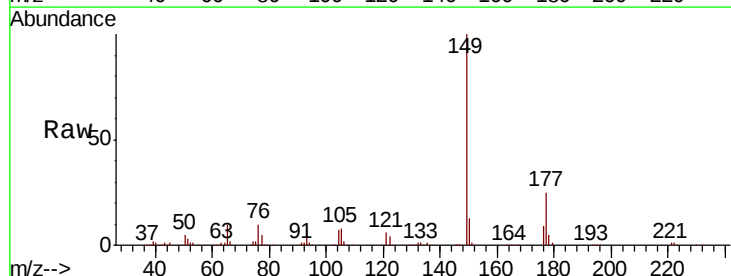
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

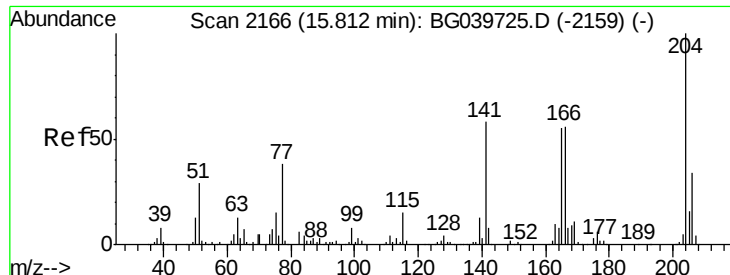
Tgt Ion:	232	Resp:	122539
Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.9	52.3
130	2.1	2.0	3.0
166	29.8	24.1	36.1



#60
Diethylphthalate
Concen: 49.398 ng
RT: 15.56 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:	149	Resp:	449092
Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.3	27.5
150	12.6	10.2	15.2

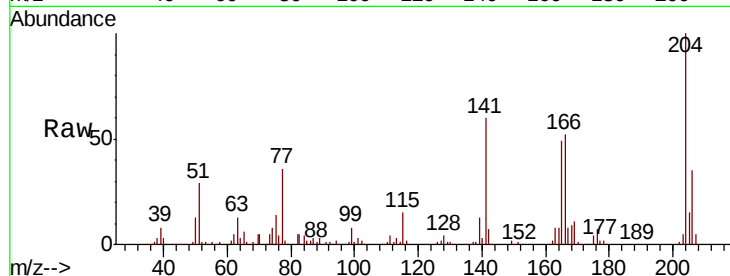




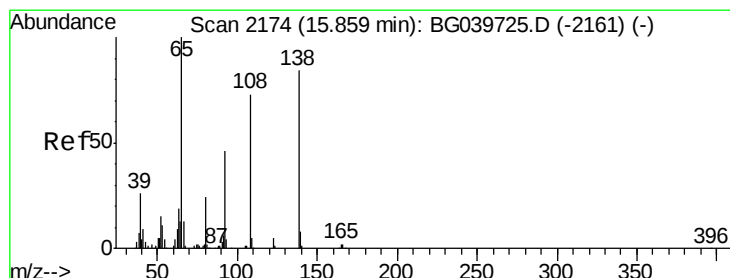
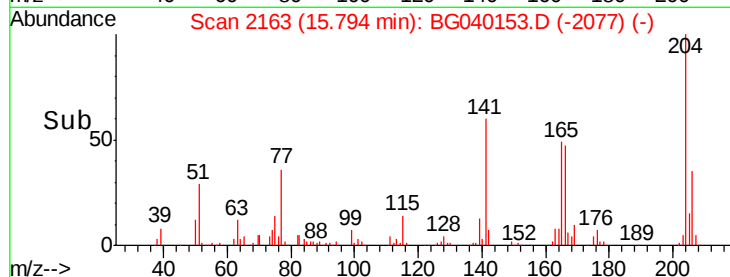
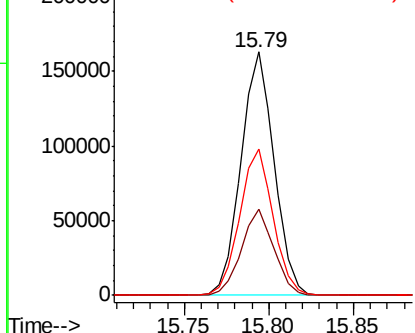
#61
 4-Chlorophenyl-phenylether
 Concen: 48.150 ng
 RT: 15.79 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

Tgt Ion: 204 Resp: 222516
 Ion Ratio Lower Upper
 204 100
 206 35.5 29.2 43.8
 141 60.0 49.0 73.4

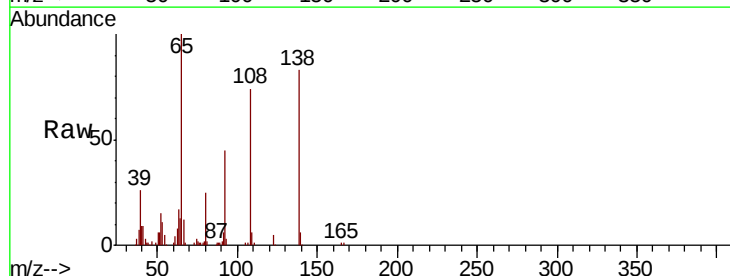


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

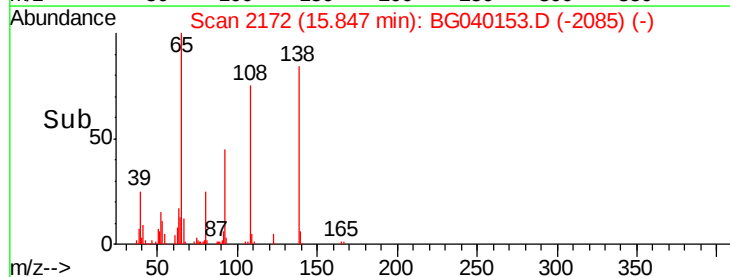
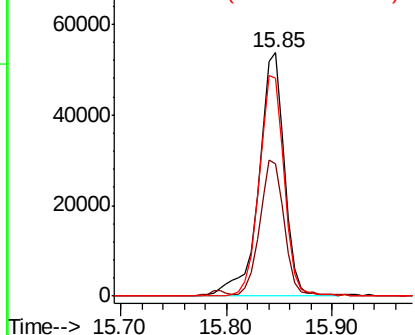


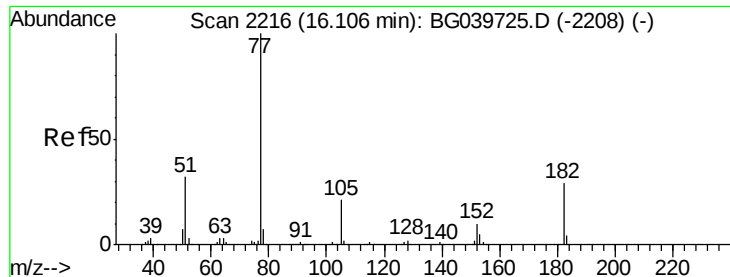
#62
 4-Nitroaniline
 Concen: 42.956 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Tgt Ion: 138 Resp: 91139
 Ion Ratio Lower Upper
 138 100
 92 54.3 38.7 78.7
 108 89.7 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: 47.633 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

Tgt Ion: 77 Resp: 392547

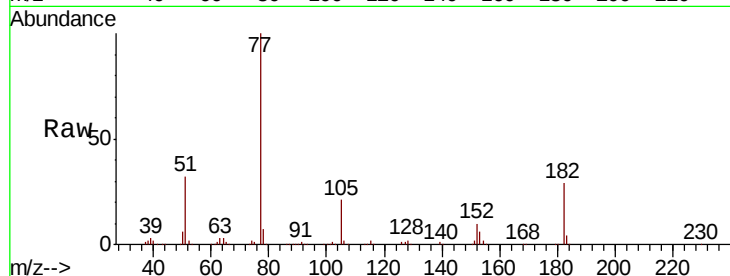
Ion Ratio Lower Upper

77 100

182 28.7 6.4 46.4

105 20.6 0.0 39.8

51 31.5 14.1 54.1

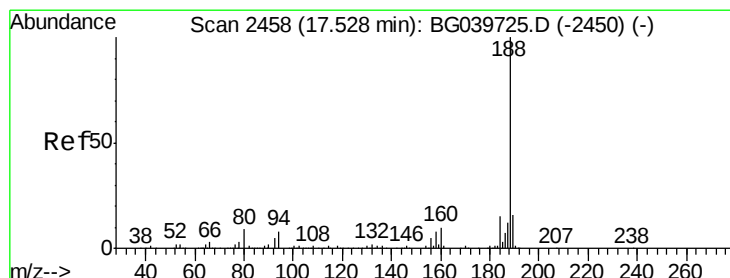
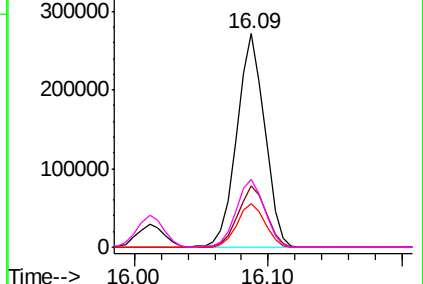
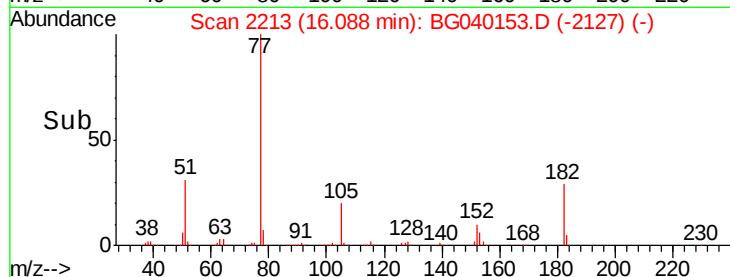


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

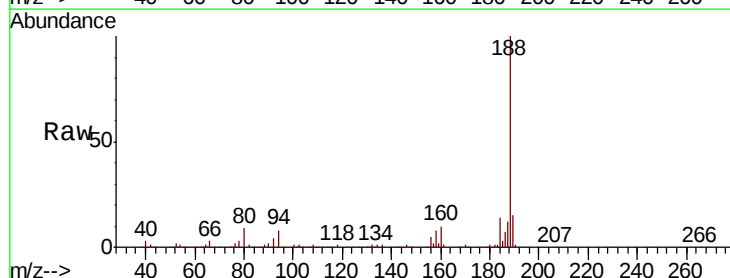
Tgt Ion: 188 Resp: 277365

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

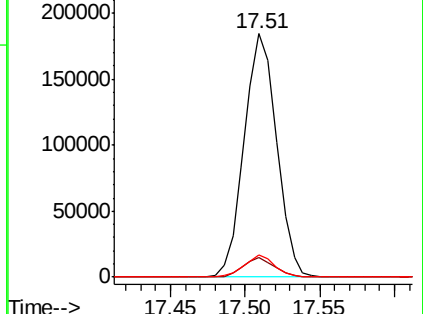
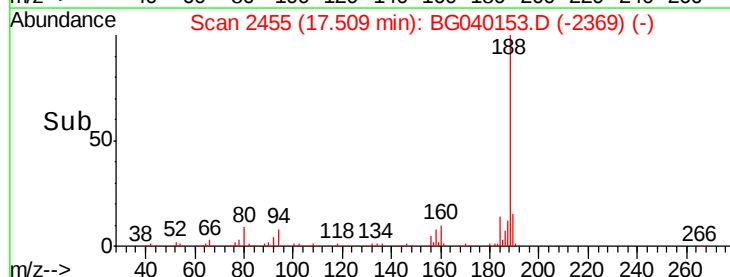
80 9.1 8.1 12.1

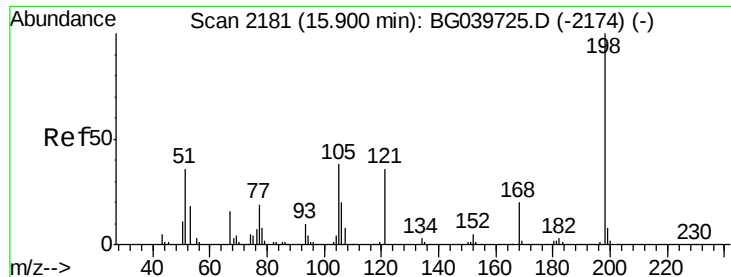


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 19.166 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

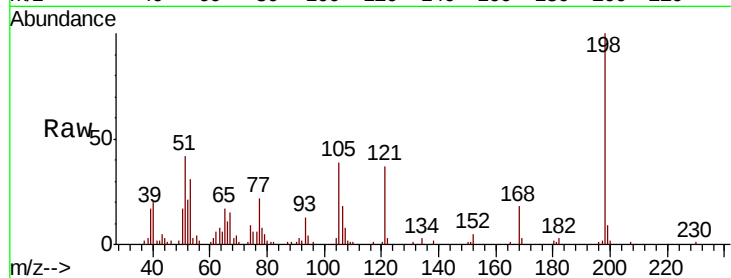
Tgt Ion:198 Resp: 31431

Ion Ratio Lower Upper

198 100

51 42.4 27.4 67.4

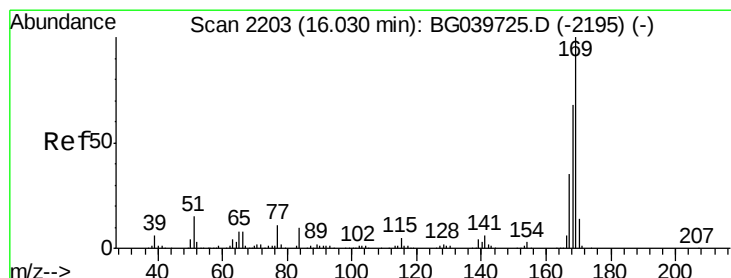
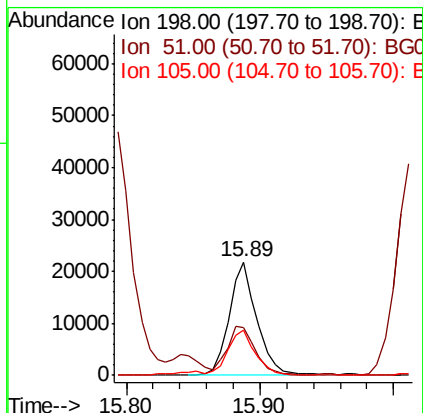
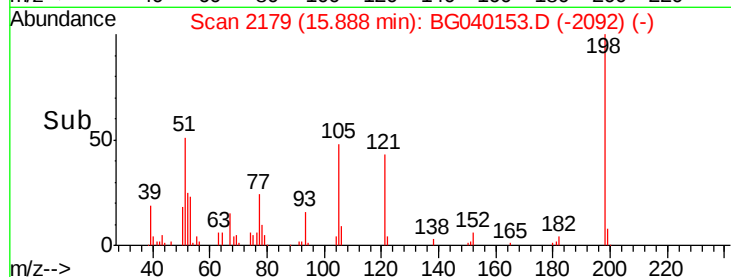
105 39.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.856 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

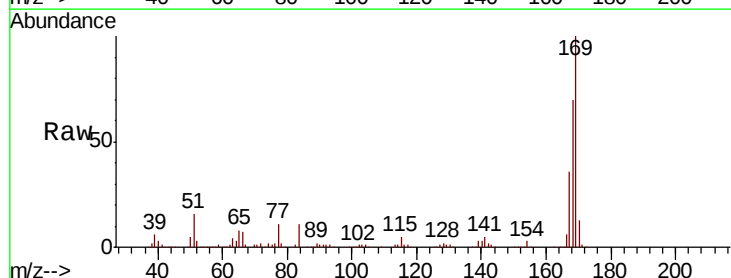
Tgt Ion:169 Resp: 384270

Ion Ratio Lower Upper

169 100

168 69.6 56.6 85.0

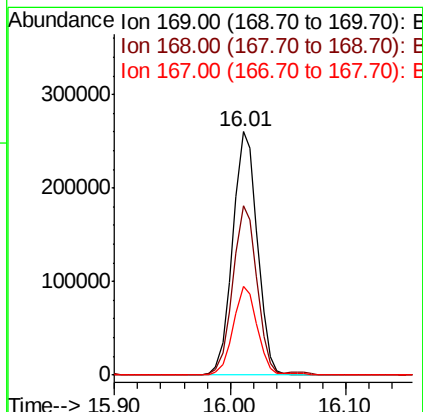
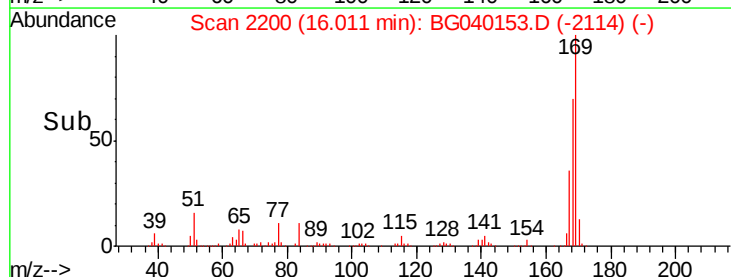
167 36.5 28.8 43.2

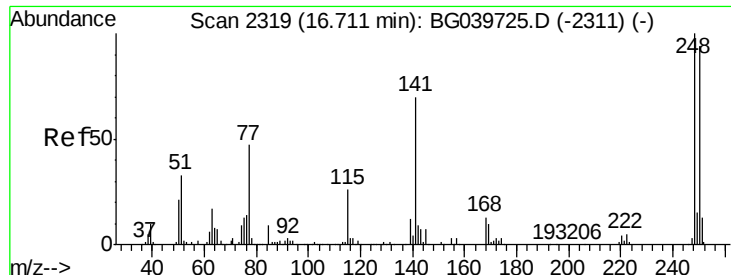


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

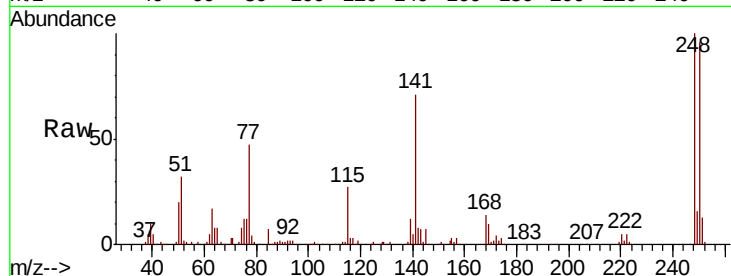




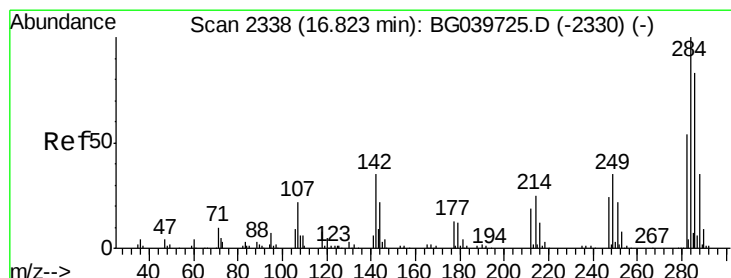
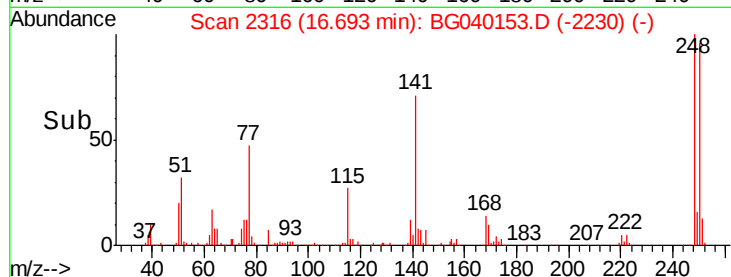
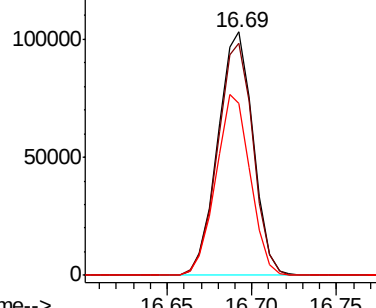
#67
4-Bromophenyl-phenylether
Concen: 48.064 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion:248 Resp: 149221
Ion Ratio Lower Upper
248 100
250 95.6 77.6 116.4
141 70.7 63.9 95.9

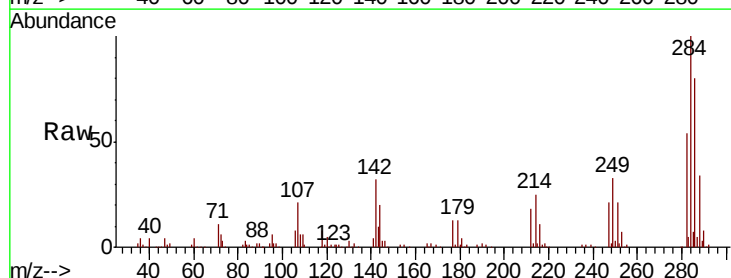


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

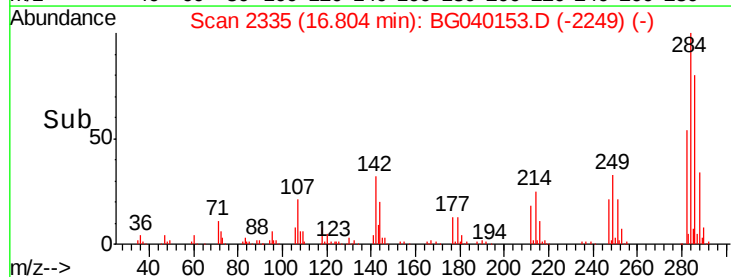
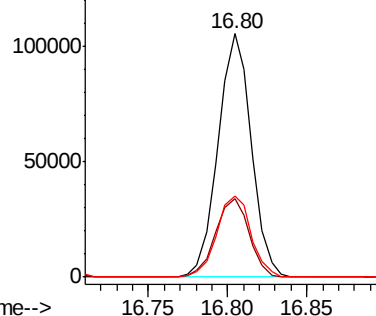


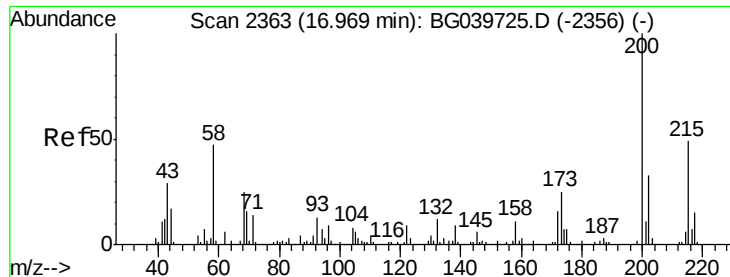
#68
Hexachlorobenzene
Concen: 47.757 ng
RT: 16.80 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:284 Resp: 153689
Ion Ratio Lower Upper
284 100
142 32.5 30.6 45.8
249 33.2 28.2 42.2



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





#69

Atrazine

Concen: 48.362 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

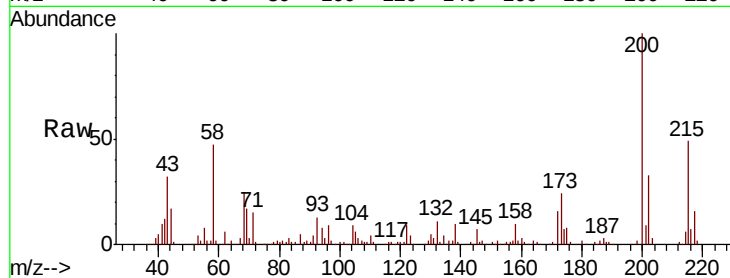
Tgt Ion:200 Resp: 152834

Ion Ratio Lower Upper

200 100

173 24.2 3.9 43.9

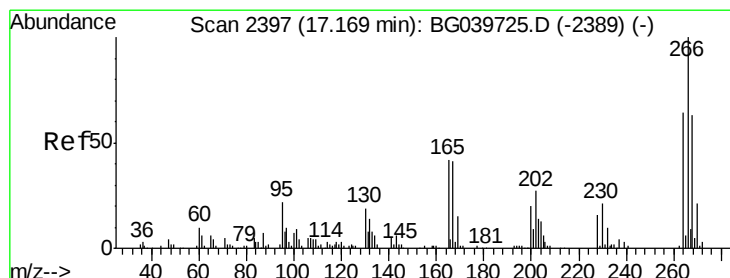
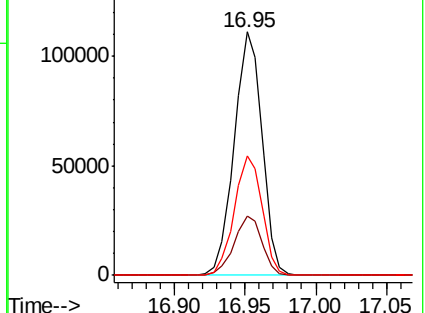
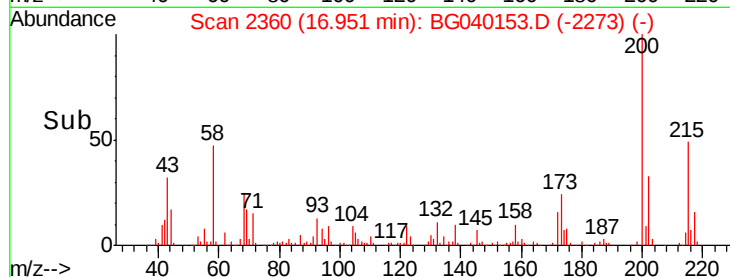
215 49.3 30.9 70.9



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: 55.452 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

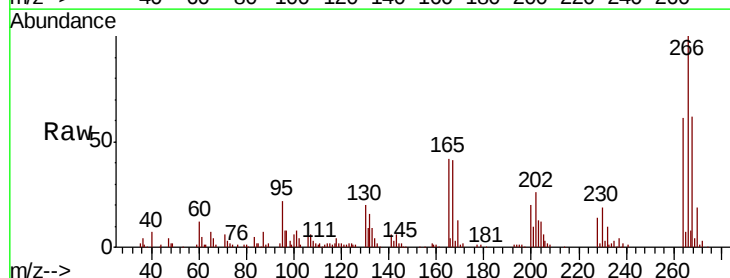
Tgt Ion:266 Resp: 112703

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

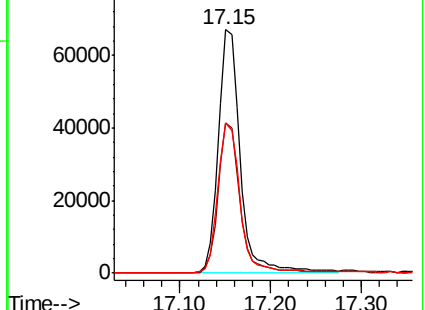
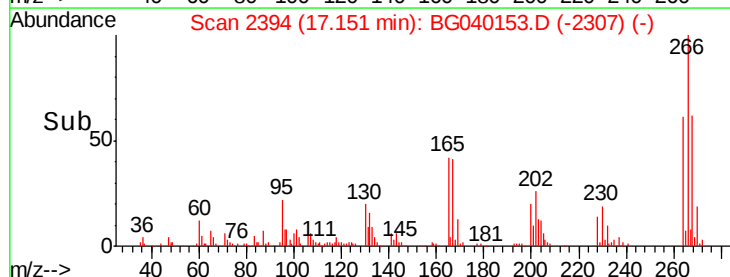
264 61.5 52.1 78.1

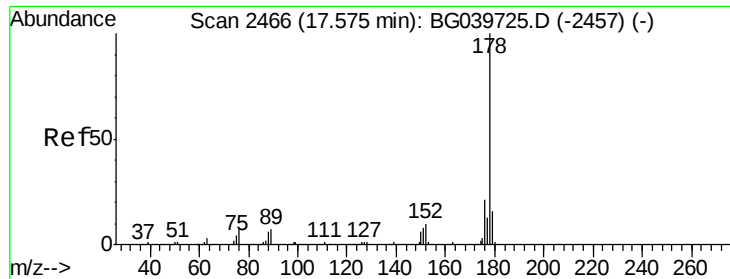


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

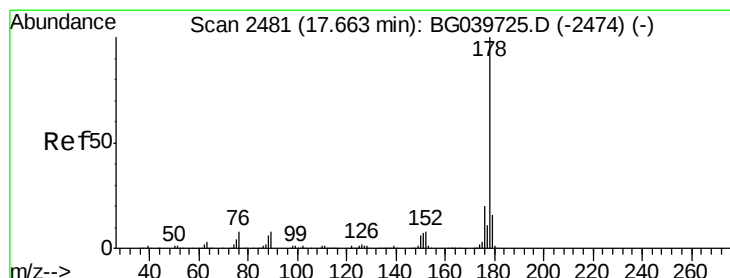
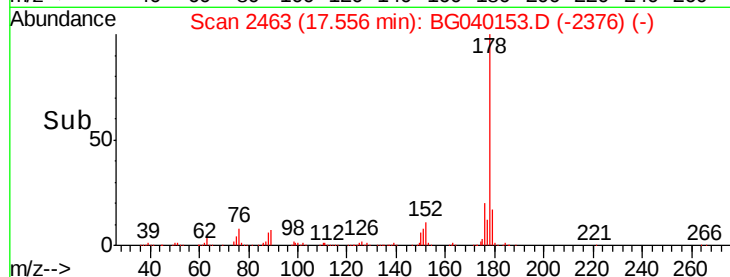
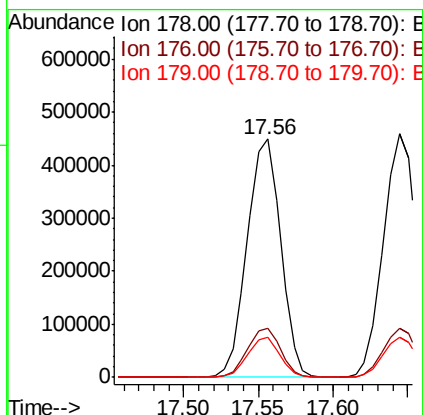
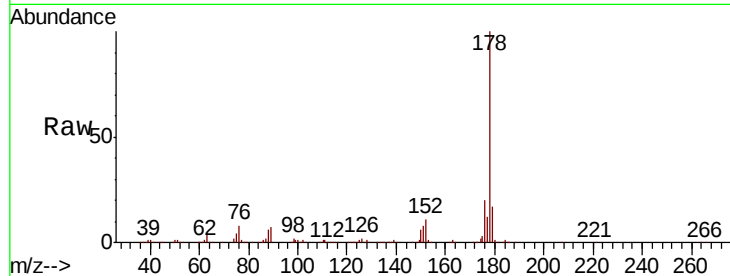




#71
Phenanthrene
Concen: 45.792 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

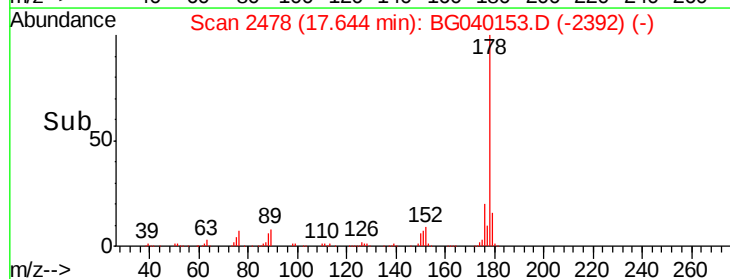
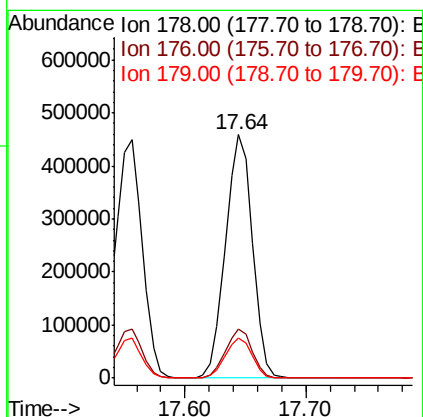
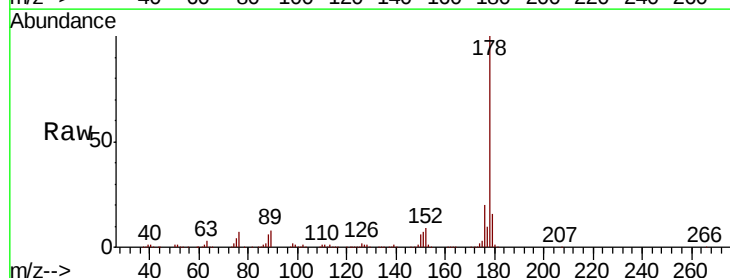
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

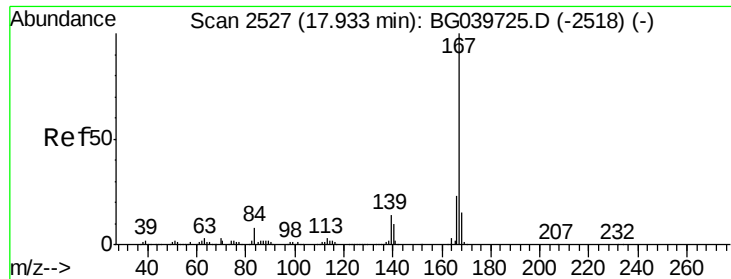
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.7	12.6	19.0



#72
Anthracene
Concen: 47.579 ng
RT: 17.64 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.5	12.5	18.7

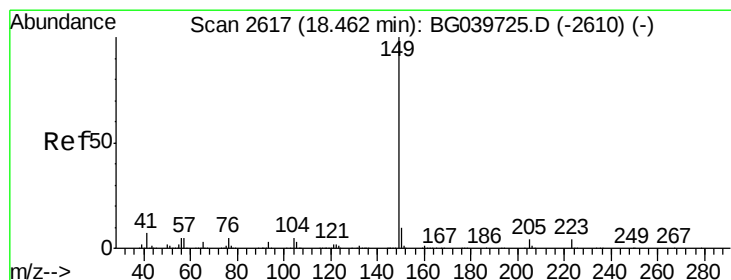
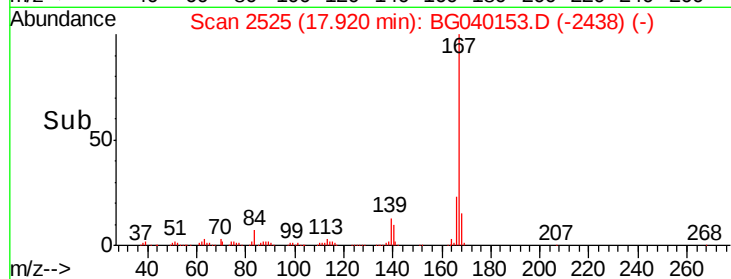
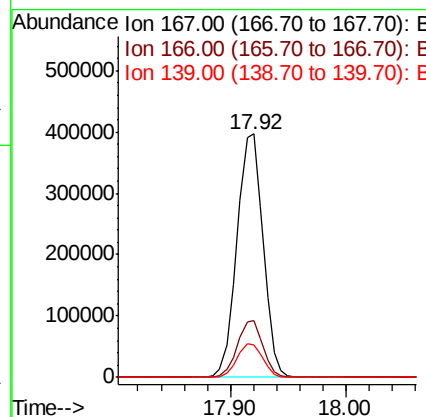
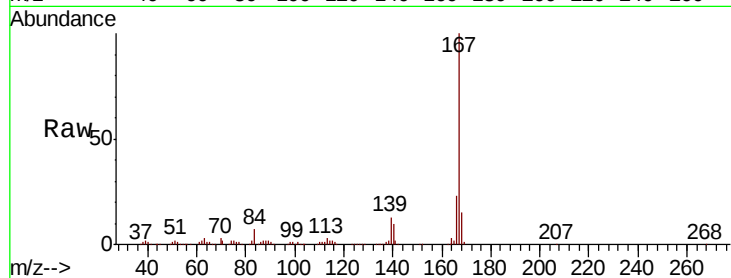




#73
 Carbazole
 Concen: 46.426 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

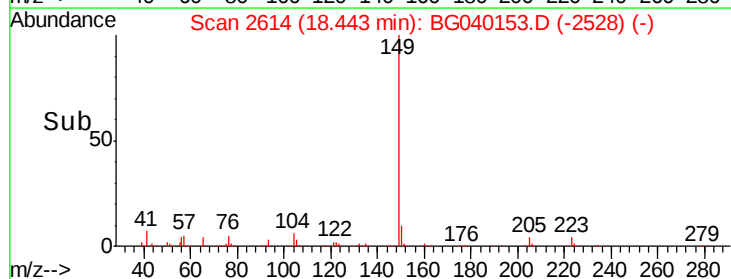
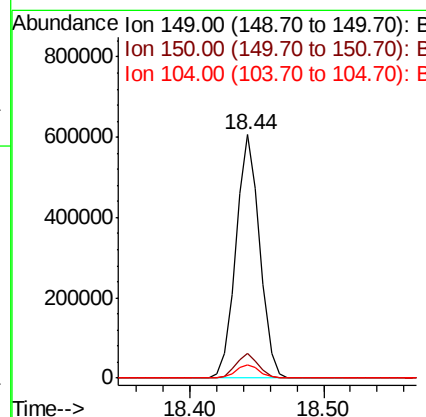
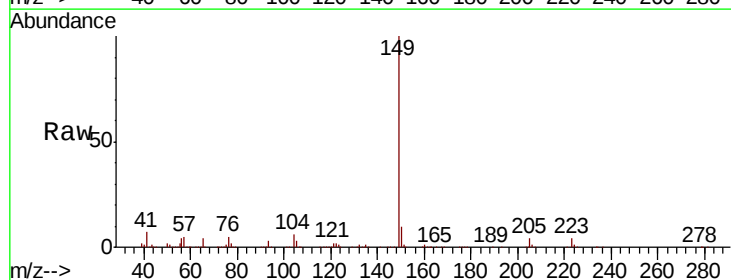
Instrument :
 BNA_G
 ClientSampleId :
 S3A(2-10)COMPMS

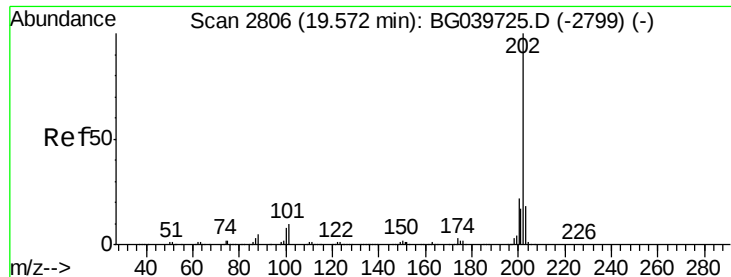
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 47.558 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040153.D
 Acq: 26 Mar 2019 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 45.966 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

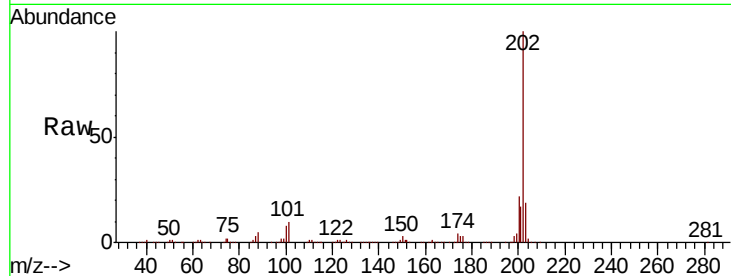
Tgt Ion:202 Resp: 829928

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

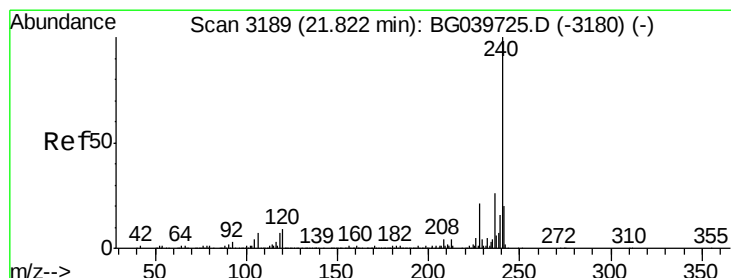
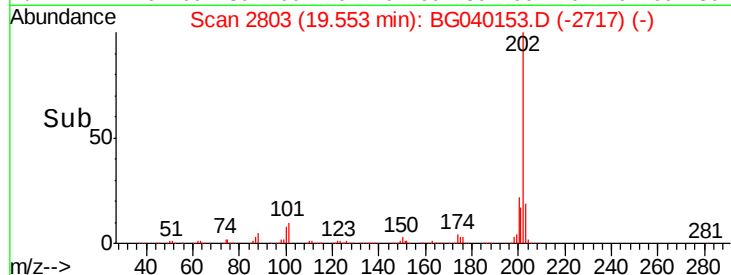
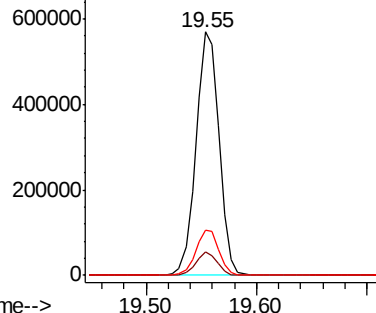
203 18.7 0.0 38.9



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

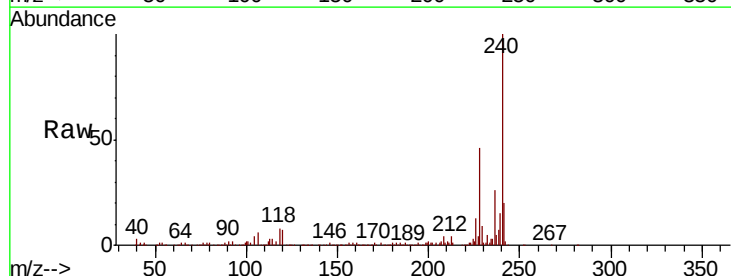
Tgt Ion:240 Resp: 272431

Ion Ratio Lower Upper

240 100

120 6.8 7.0 10.6#

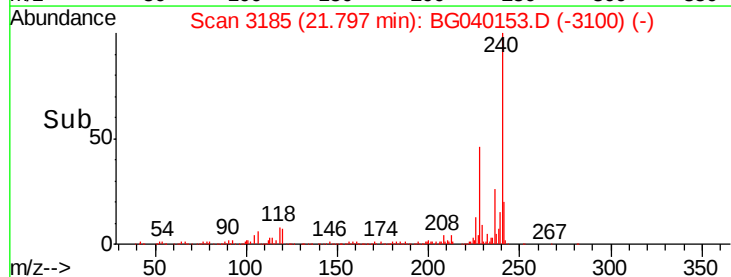
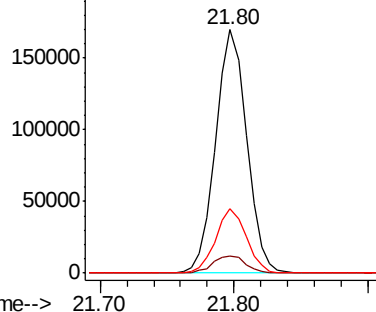
236 26.3 21.0 31.4

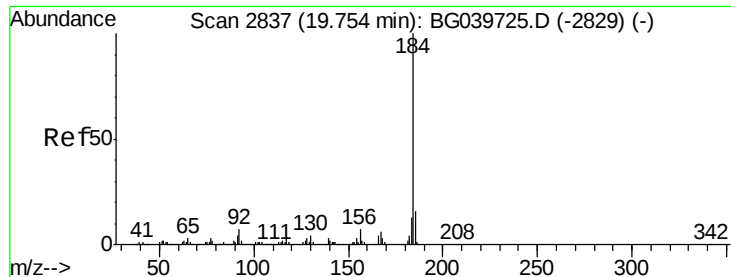


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.599 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

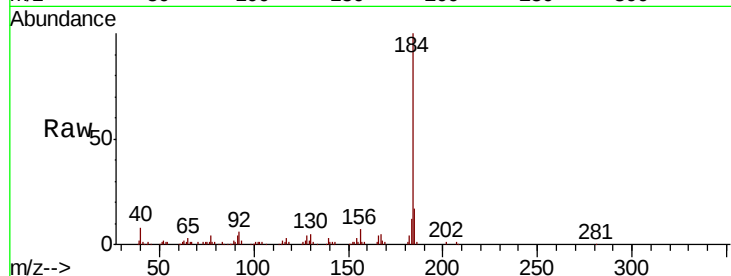
Tgt Ion:184 Resp: 91631

Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.2

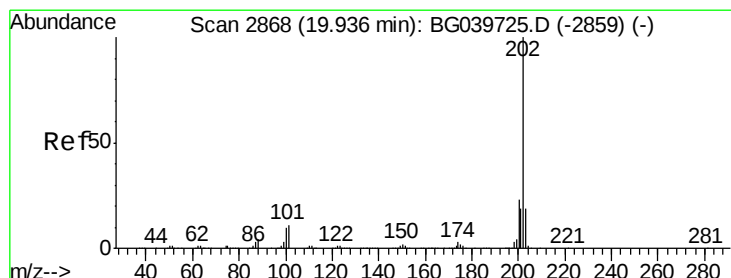
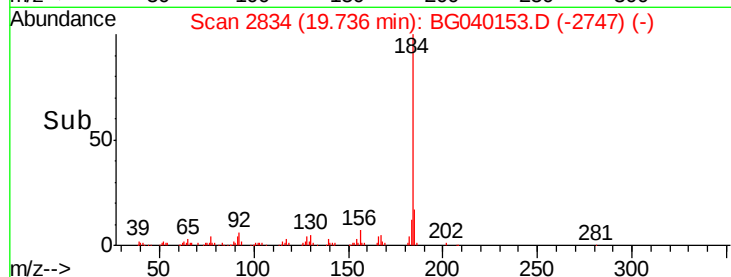
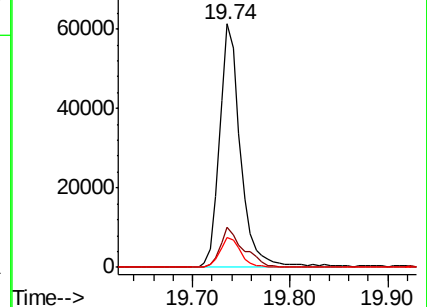
183 12.1 10.6 15.8



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: 47.723 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

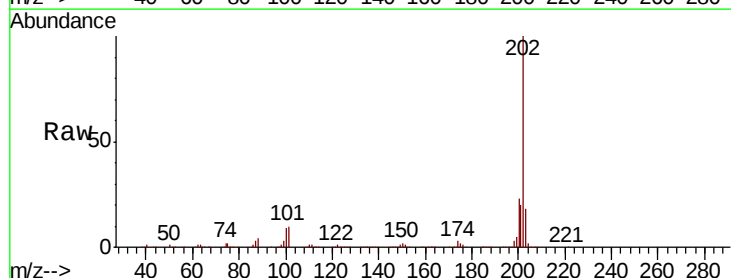
Tgt Ion:202 Resp: 844828

Ion Ratio Lower Upper

202 100

200 23.4 17.8 26.8

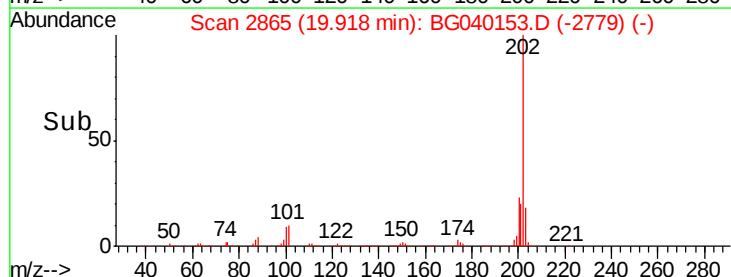
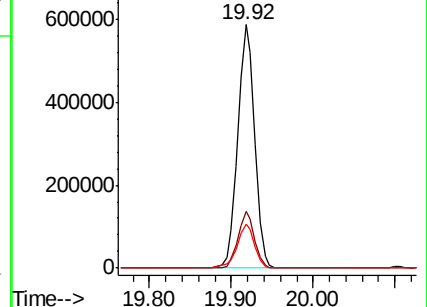
203 18.2 15.3 22.9

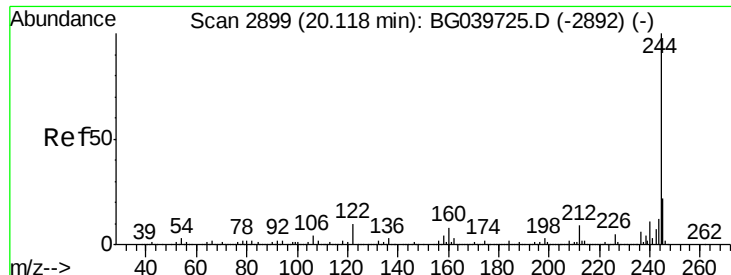


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.854 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

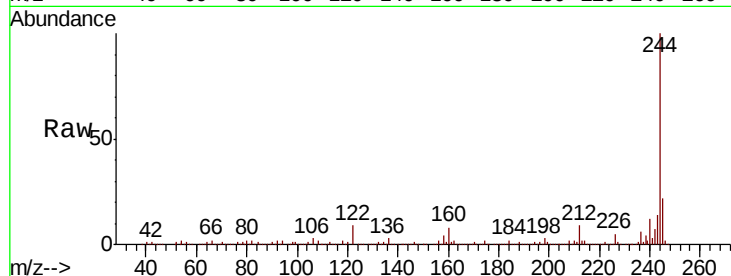
Tgt Ion:244 Resp: 1161265

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

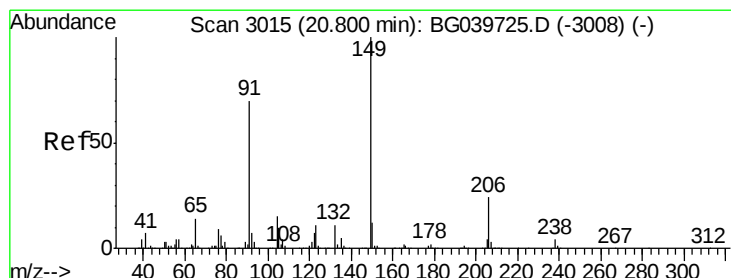
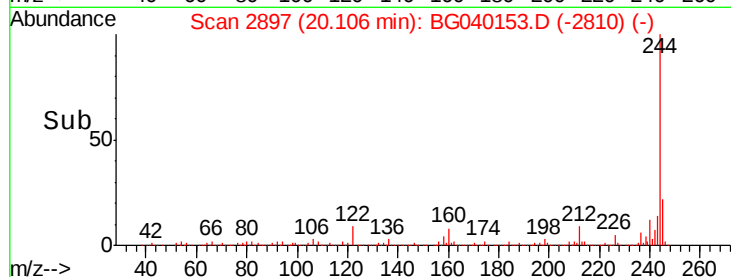
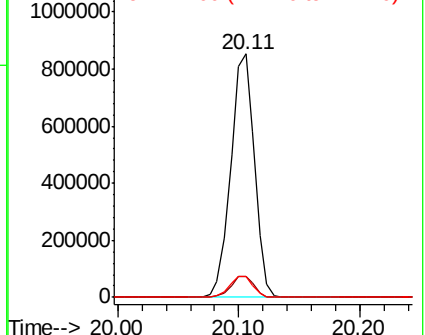
122 8.7 8.4 12.6



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: 50.268 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

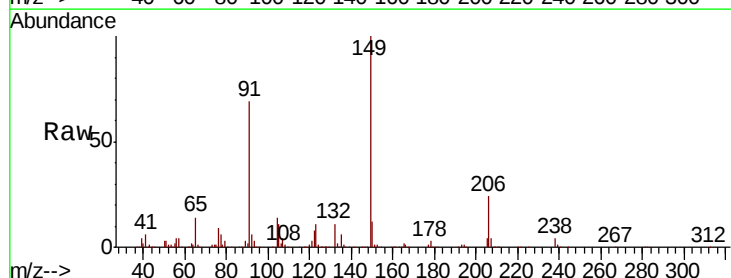
Tgt Ion:149 Resp: 344764

Ion Ratio Lower Upper

149 100

91 69.0 59.5 89.3

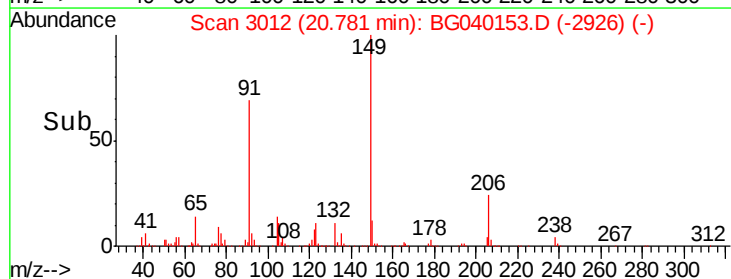
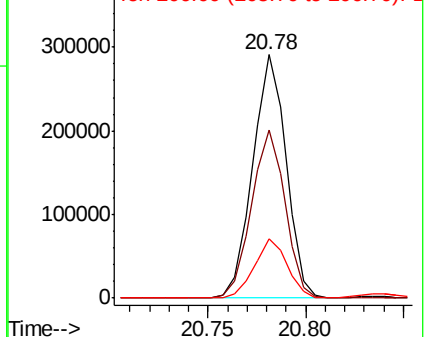
206 24.4 18.6 27.8

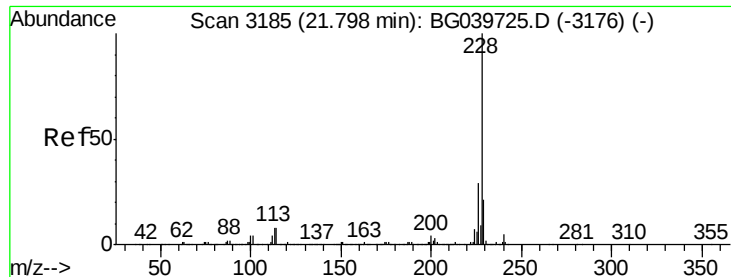


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.914 ng

RT: 21.77 min Scan# 3181

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

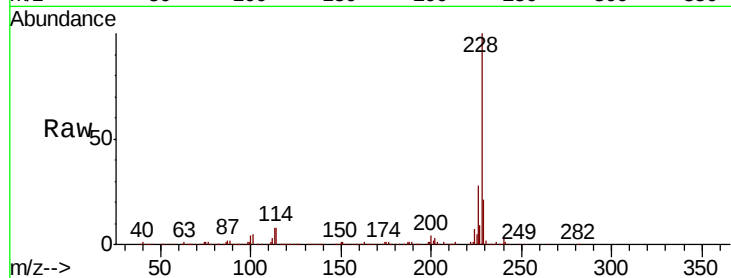
BNA_G

ClientSampleId :

S3A(2-10)COMPMS

Tgt Ion:228 Resp: 801016

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	20.6	16.9	25.3

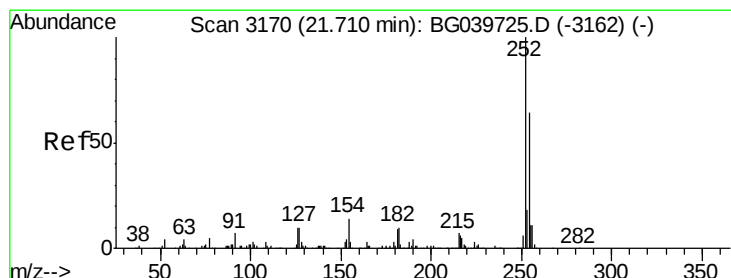
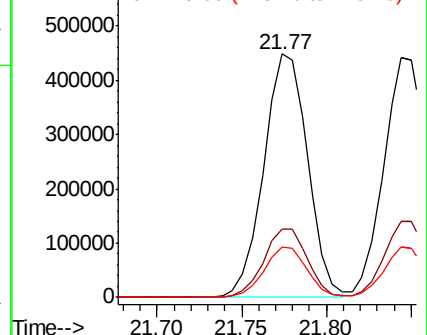
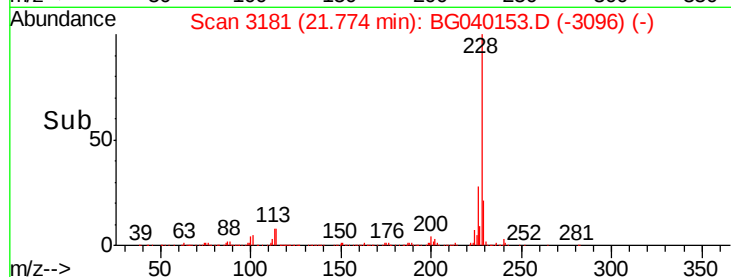


Abundance

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: 10.838 ng

RT: 21.69 min Scan# 3166

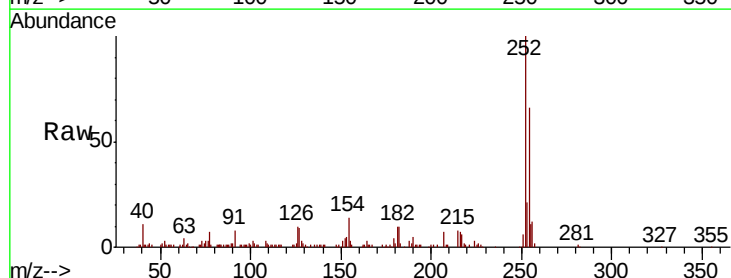
Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Tgt Ion:252 Resp: 67563

Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.3	76.9
126	9.5	8.0	12.0

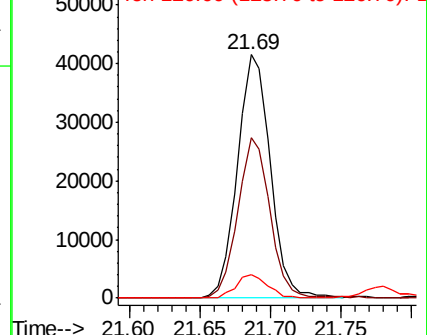
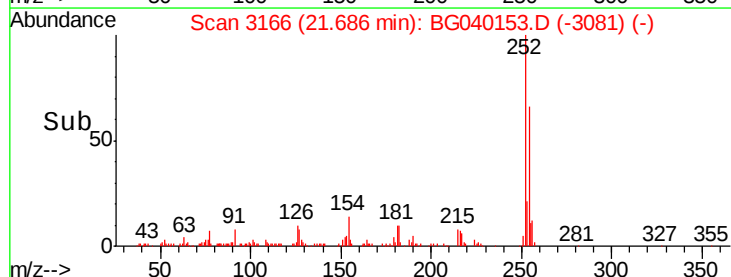


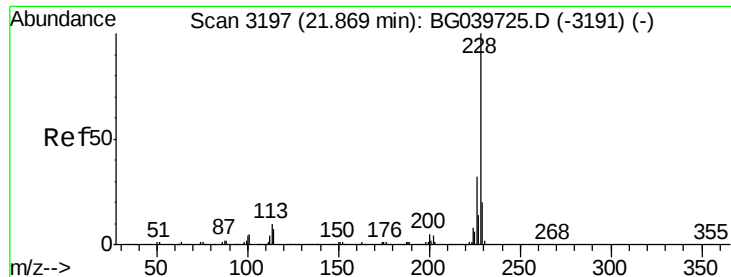
Abundance

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: 46.700 ng

RT: 21.84 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

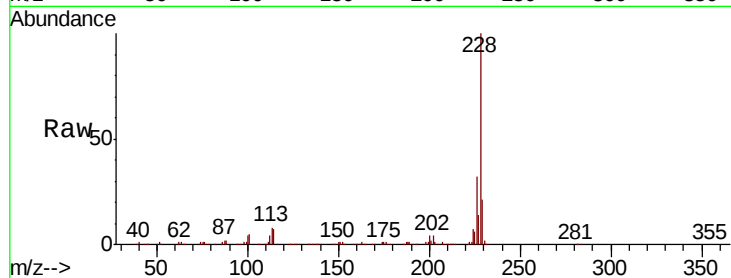
Tgt Ion:228 Resp: 773013

Ion Ratio Lower Upper

228 100

226 31.7 25.8 38.6

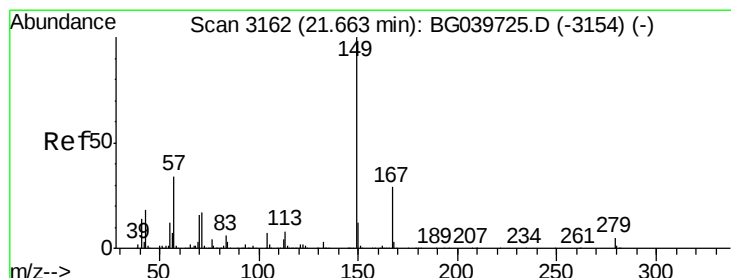
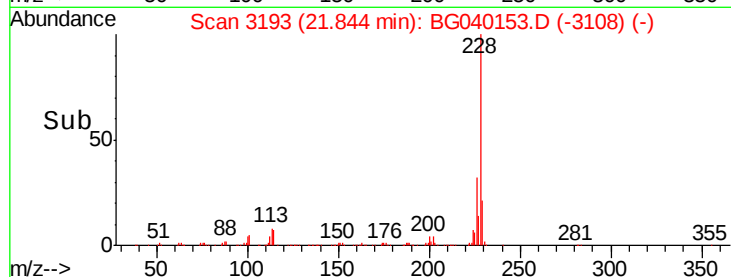
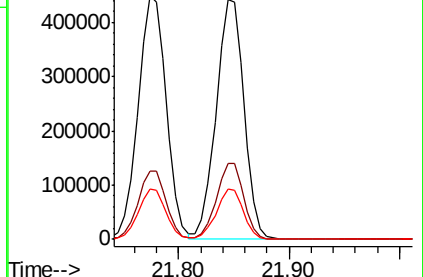
229 20.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.472 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

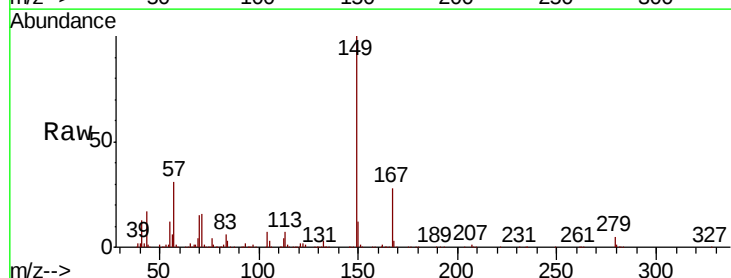
Tgt Ion:149 Resp: 476799

Ion Ratio Lower Upper

149 100

167 28.2 22.6 34.0

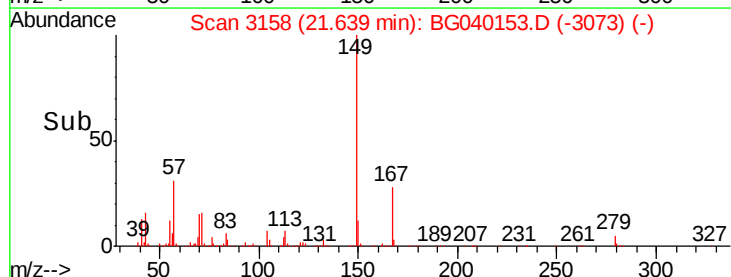
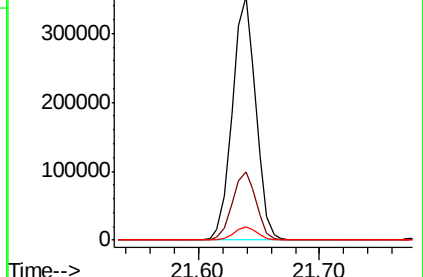
279 5.2 3.5 5.3

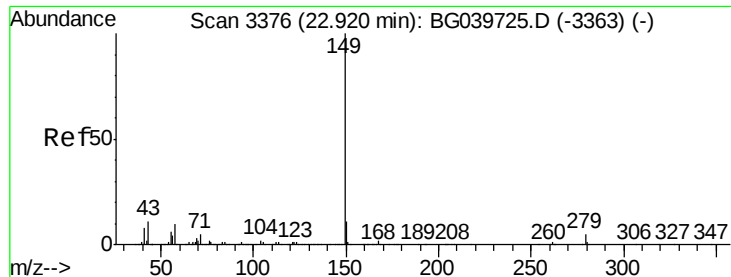


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.232 ng

RT: 22.88 min Scan# 3370

Delta R.T. -0.04 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

Instrument :

BNA_G

ClientSampleId :

S3A(2-10)COMPMS

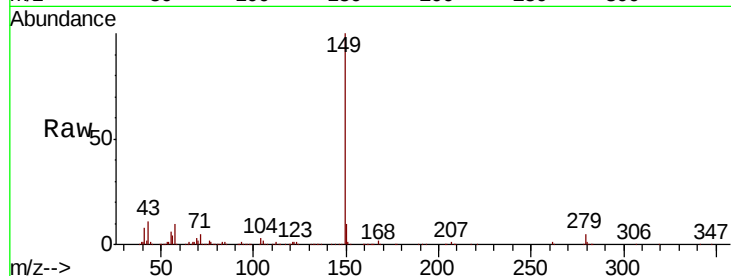
Tgt Ion:149 Resp: 817560

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

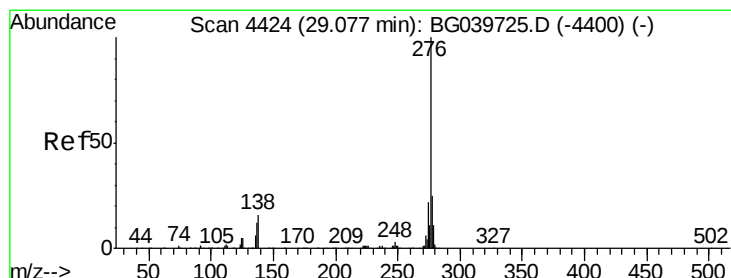
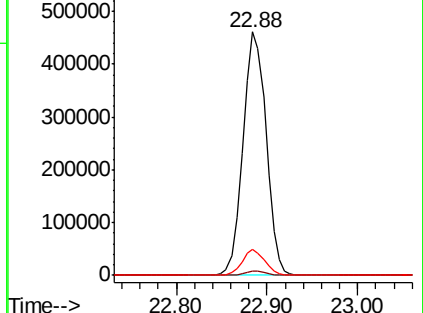
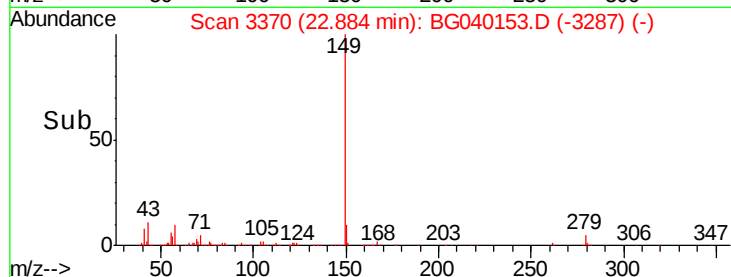
43 10.3 10.2 15.4



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: 48.700 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.08 min

Lab File: BG040153.D

Acq: 26 Mar 2019 18:57

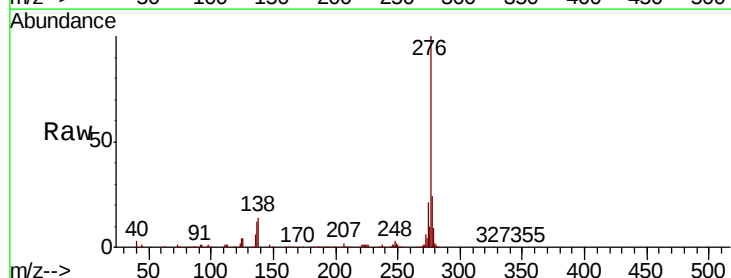
Tgt Ion:276 Resp: 914512

Ion Ratio Lower Upper

276 100

138 12.7 12.6 19.0

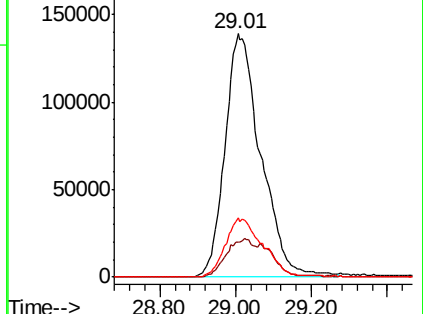
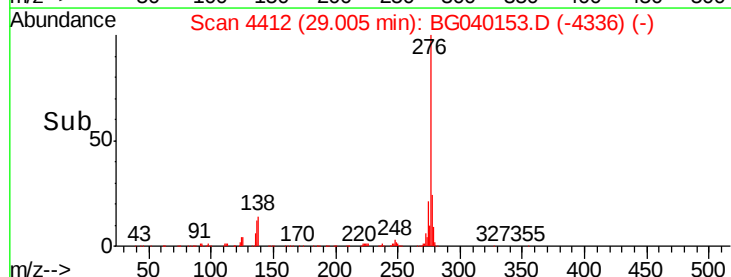
277 25.1 20.8 31.2

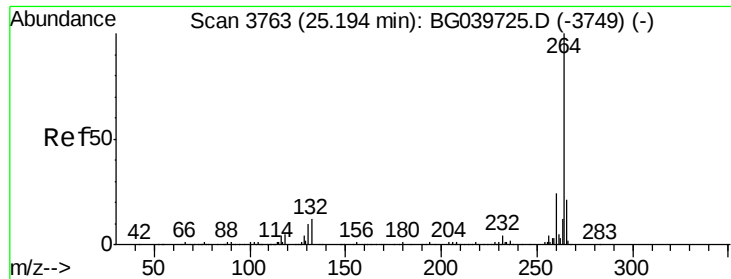


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

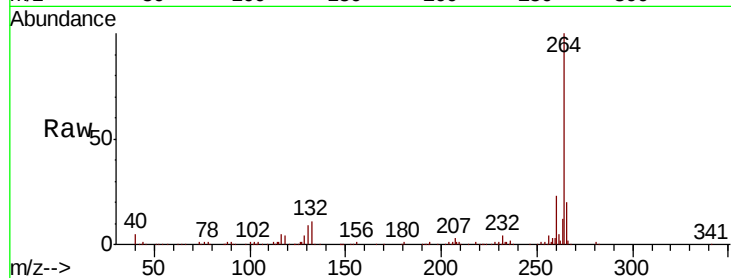




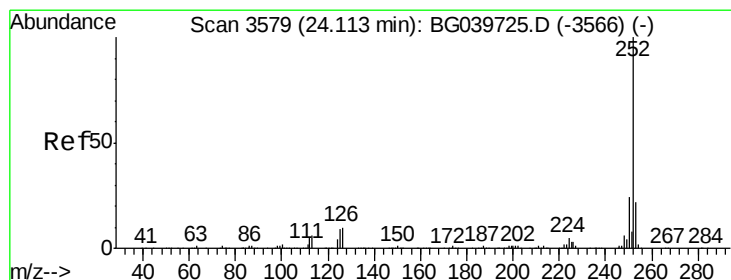
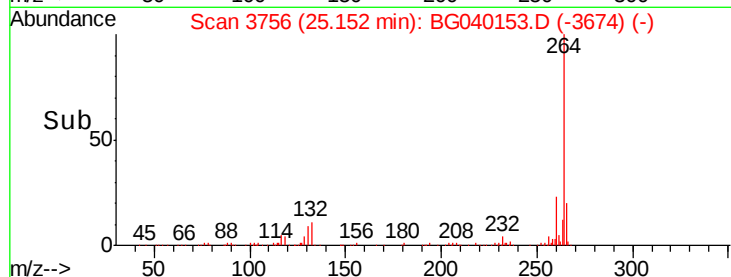
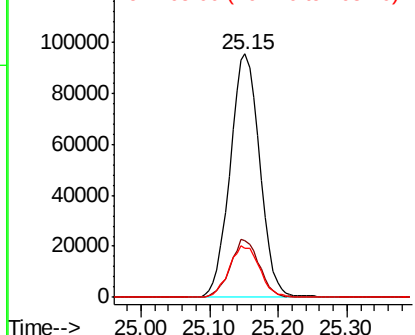
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion:264 Resp: 286529
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 20.0 18.5 27.7

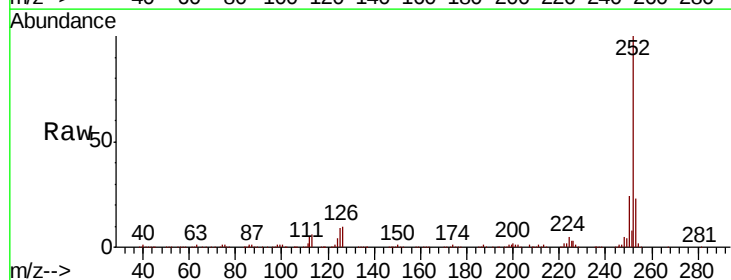


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

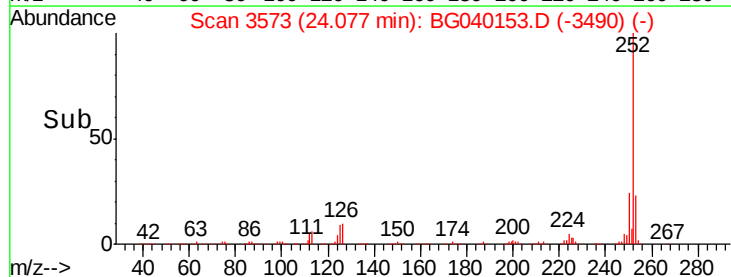
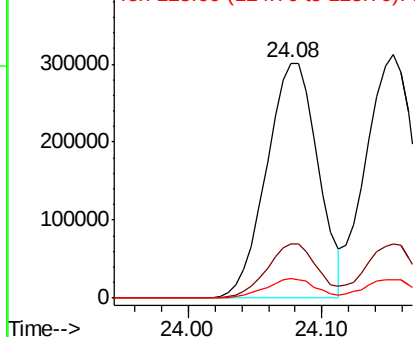


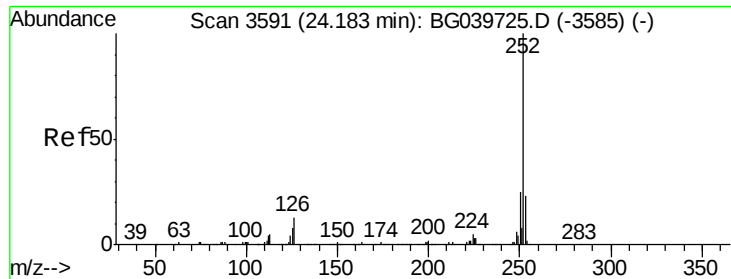
#88
Benzo(b)fluoranthene
Concen: 47.179 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:252 Resp: 806110
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.6 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

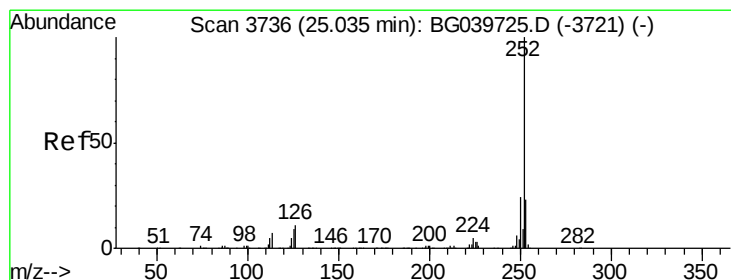
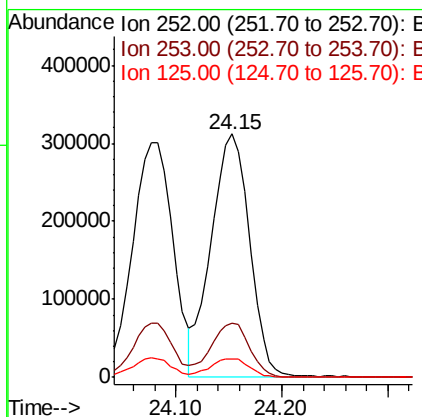
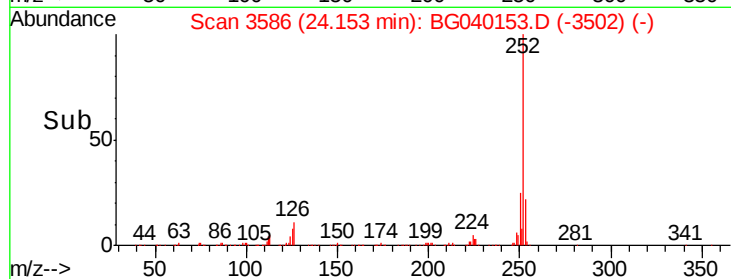
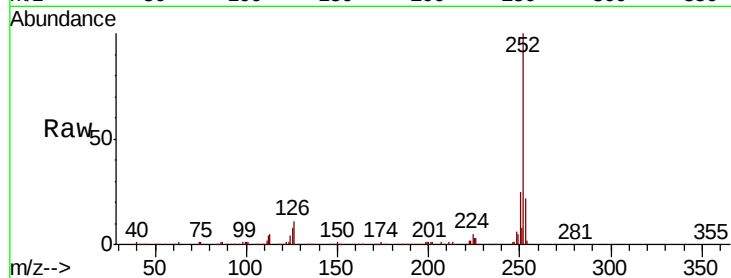




#89
Benzo(k)fluoranthene
Concen: 49.669 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

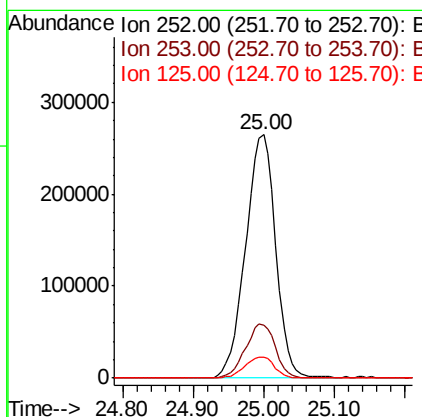
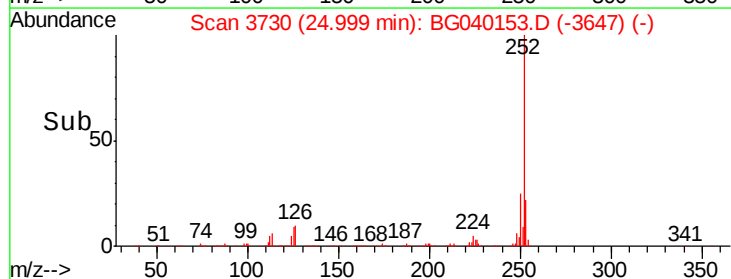
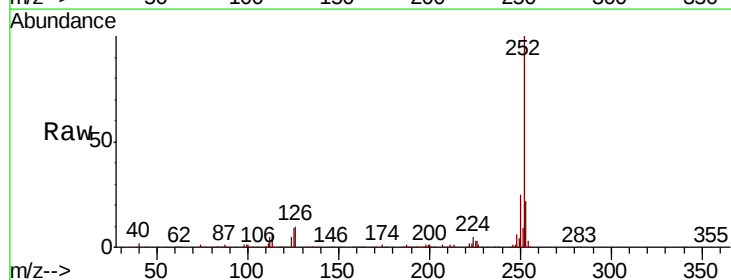
Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

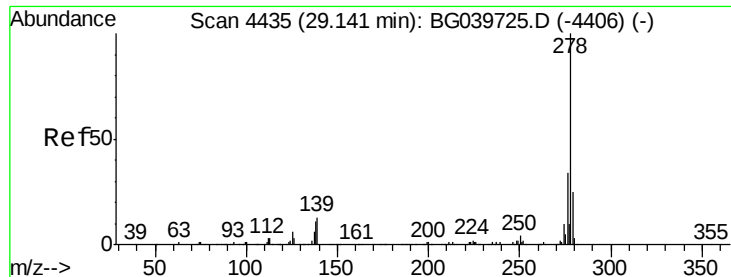
Tgt Ion:252 Resp: 789972
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 7.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.898 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion:252 Resp: 787825
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.7 8.3 12.5

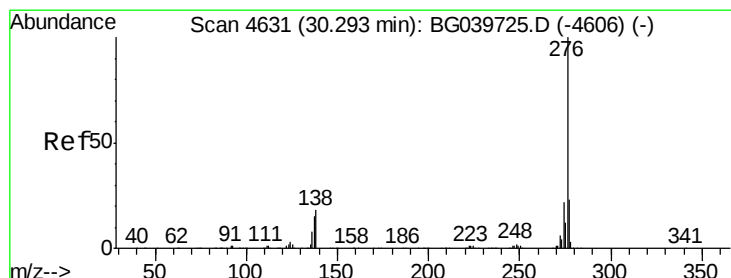
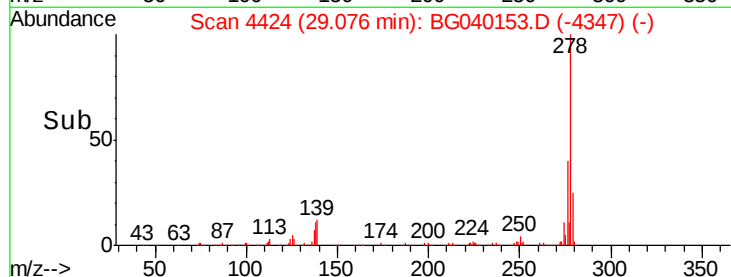
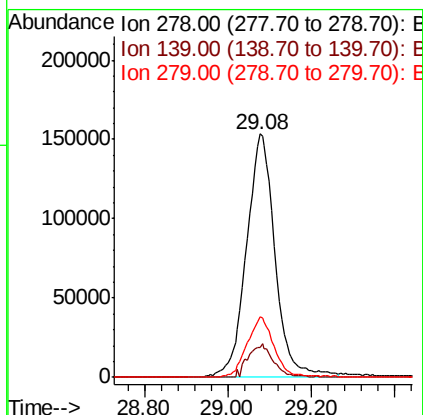
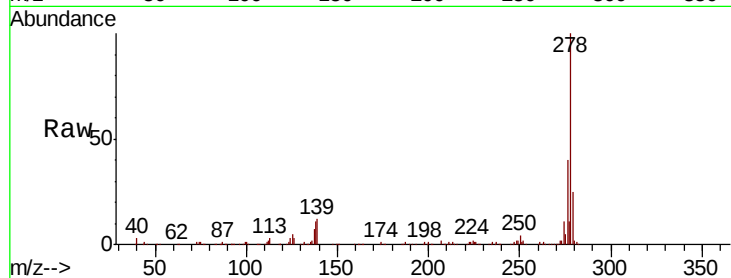




#91
Dibenzo(a,h)anthracene
Concen: 47.492 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.08 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.7	17.5
279	24.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 47.735 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040153.D
Acq: 26 Mar 2019 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	16.9	14.7	22.1

