

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040037.D
 Acq On : 20 Mar 2019 15:43
 Operator : JU/SJ
 Sample : PB118051BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:27:36 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	44122	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	194518	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	133677	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	318789	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	306179	20.00	ng	-0.02
87) Perylene-d12	25.16	264	296392	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	389091	150.44	ng	-0.02
7) Phenol-d6	7.29	99	554541	143.80	ng	-0.02
23) Nitrobenzene-d5	9.32	82	336138	93.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	224288	143.95	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	808032	86.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1257249	90.41	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	30988	25.953	ng	96
3) Pyridine	3.97	79	93106	29.127	ng	92
4) n-Nitrosodimethylamine	3.90	42	55518	36.611	ng	# 93
6) Aniline	7.47	93	141013	27.911	ng	99
8) 2-Chlorophenol	7.70	128	131424	41.886	ng	95
9) Benzaldehyde	7.28	77	63815	25.654	ng	96
10) Phenol	7.32	94	180765	43.270	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	128551	39.467	ng	94
12) 1,3-Dichlorobenzene	8.03	146	135956	38.313	ng	99
13) 1,4-Dichlorobenzene	8.18	146	139519	38.599	ng	98
14) 1,2-Dichlorobenzene	8.50	146	134327	38.463	ng	97
15) Benzyl Alcohol	8.38	79	125619	41.065	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	246369	37.820	ng	99
17) 2-Methylphenol	8.58	107	117327	44.045	ng	98
18) Hexachloroethane	9.23	117	49977	38.534	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	105373	37.963	ng	93
20) 3+4-Methylphenols	8.91	107	160847	43.465	ng	97
22) Acetophenone	8.97	105	201324	38.562	ng	# 93
24) Nitrobenzene	9.37	77	157473	41.736	ng	97
25) Isophorone	9.88	82	305472	40.535	ng	99
26) 2-Nitrophenol	10.07	139	79486	43.632	ng	98
27) 2,4-Dimethylphenol	10.12	122	134071	47.321	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	185291	40.460	ng	97
29) 2,4-Dichlorophenol	10.61	162	149580	46.891	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	150359	41.888	ng	98
31) Naphthalene	11.02	128	417667	40.555	ng	100
32) Benzoic acid	10.26	122	67869	36.690	ng	98
33) 4-Chloroaniline	11.13	127	58727	13.447	ng	99
34) Hexachlorobutadiene	11.28	225	97854	39.894	ng	94
35) Caprolactam	11.92	113	27024	22.177	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	161198	44.083	ng	99
37) 2-Methylnaphthalene	12.61	142	324914	42.198	ng	97
38) 1-Methylnaphthalene	12.83	142	307324	41.071	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	179743	39.690	ng	99

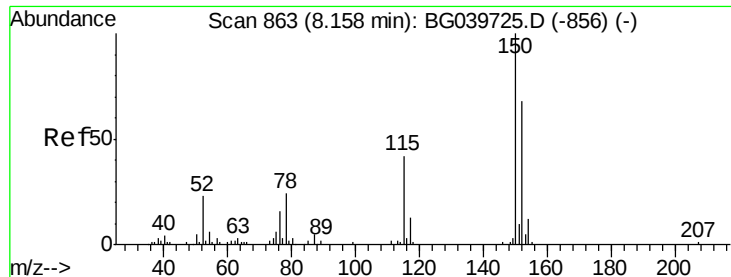
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	246103	101.406	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	122683	46.273	nq	97
44) 2,4,5-Trichlorophenol	13.28	196	131036	43.847	nq	98
46) 1,1'-Biphenyl	13.60	154	436666	39.716	nq	99
47) 2-Chloronaphthalene	13.66	162	339965	41.102	nq	98
48) 2-Nitroaniline	13.86	65	114329	43.011	nq	98
49) Acenaphthylene	14.50	152	546604	40.256	nq	99
50) Dimethylphthalate	14.22	163	460300	41.179	nq	100
51) 2,6-Dinitrotoluene	14.35	165	102467	43.241	nq	98
52) Acenaphthene	14.84	154	331253	40.533	nq	99
53) 3-Nitroaniline	14.68	138	49354	20.719	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	133161	88.509	nq	99
55) Dibenzofuran	15.17	168	536822	40.037	nq	98
56) 4-Nitrophenol	14.98	139	175163	82.202	nq	92
57) 2,4-Dinitrotoluene	15.14	165	149438	44.881	nq	# 87
58) Fluorene	15.82	166	434437	41.215	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	131828	45.168	nq	98
60) Diethylphthalate	15.57	149	472416	42.693	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	231023	41.072	nq	97
62) 4-Nitroaniline	15.85	138	106755	41.340	nq	93
63) Azobenzene	16.09	77	418490	41.722	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	95875	50.865	nq	97
66) n-Nitrosodiphenylamine	16.02	169	399439	43.281	nq	99
67) 4-Bromophenyl-phenylether	16.69	248	153897	43.129	nq	98
68) Hexachlorobenzene	16.81	284	159182	43.036	nq	93
69) Atrazine	16.96	200	150040	41.308	nq	95
70) Pentachlorophenol	17.16	266	210986	90.320	nq	98
71) Phenanthrene	17.56	178	728261	41.474	nq	99
72) Anthracene	17.65	178	735006	42.954	nq	99
73) Carbazole	17.92	167	643592	41.721	nq	99
74) Di-n-butylphthalate	18.45	149	797332	43.931	nq	100
75) Fluoranthene	19.56	202	867353	41.796	nq	98
77) Benzidine	19.74	184	272074	28.003	nq	99
78) Pyrene	19.92	202	866133	43.534	nq	99
80) Butylbenzylphthalate	20.79	149	359043	46.580	nq	94
81) Benzo(a)anthracene	21.78	228	830543	43.282	nq	100
82) 3,3'-Dichlorobenzidine	21.69	252	161905	23.110	nq	99
83) Chrysene	21.85	228	775360	41.679	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	501653	46.313	nq	99
85) Di-n-octyl phthalate	22.89	149	843907	47.054	nq	95
86) Indeno(1,2,3-cd)pyrene	29.02	276	925073	43.833	nq	# 92
88) Benzo(b)fluoranthene	24.09	252	789071	44.645	nq	99
89) Benzo(k)fluoranthene	24.16	252	782193	47.543	nq	99
90) Benzo(a)pyrene	25.00	252	782714	47.925	nq	98
91) Dibenzo(a,h)anthracene	29.09	278	744691	46.510	nq	96
92) Benzo(g,h,i)perylene	30.25	276	769297	47.840	nq	98

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

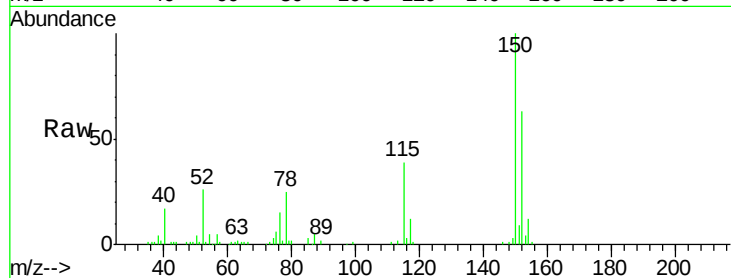


#1

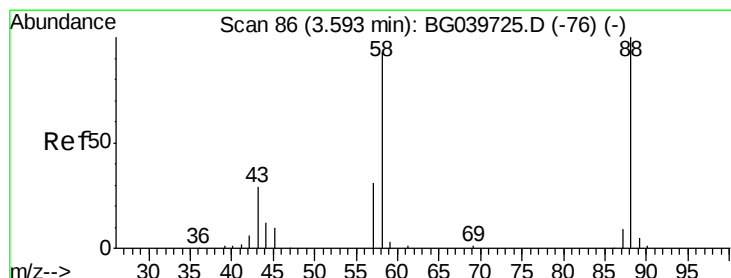
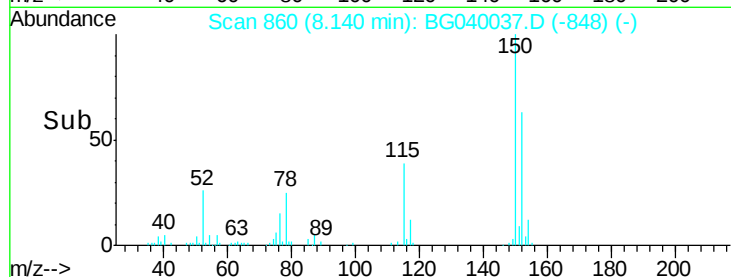
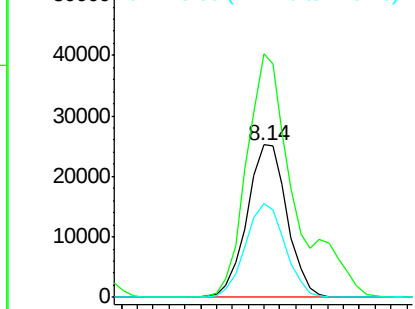
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44122
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 62.0 45.9 68.9



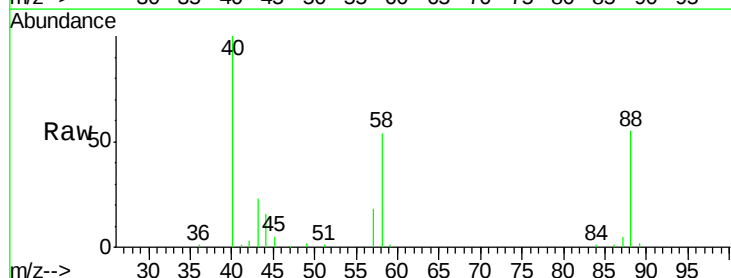
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



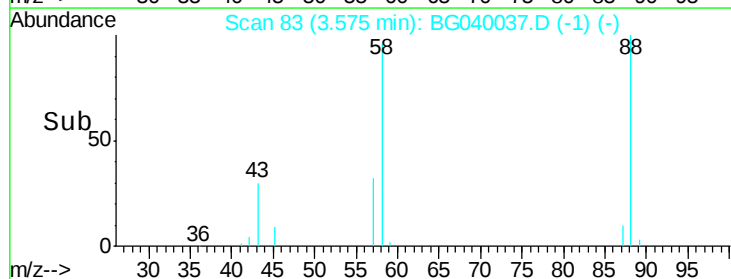
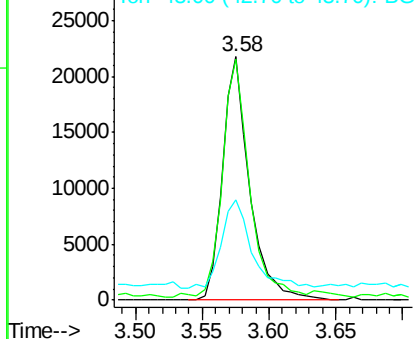
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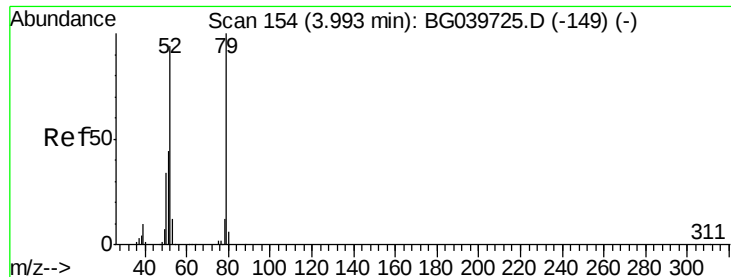
1,4-Dioxane
Concen: 25.953 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion: 88 Resp: 30988
Ion Ratio Lower Upper
88 100
58 97.1 81.1 121.7
43 41.1 31.4 47.0



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





#3

Pvridine

Concen: 29.127 ng

RT: 3.97 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

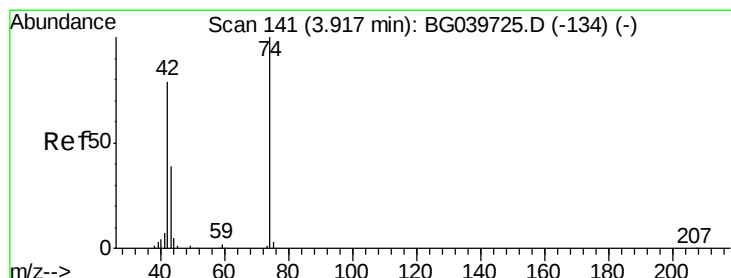
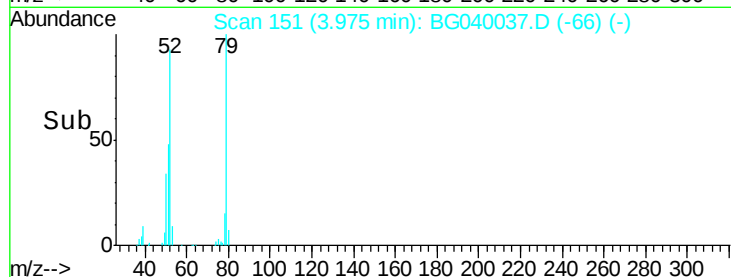
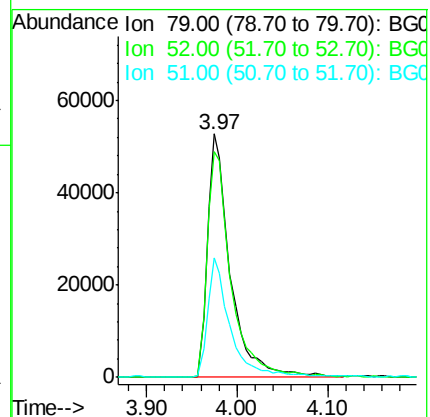
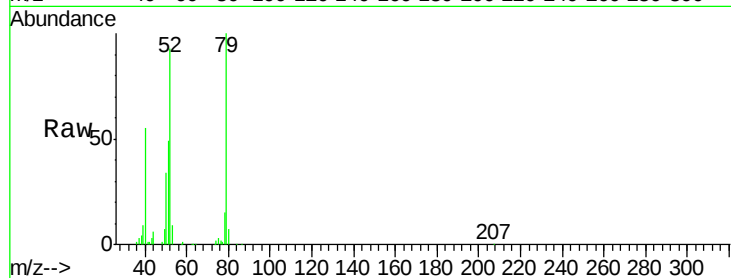
Tot Ion: 79 Resp: 93106

Ion Ratio Lower Upper

79 100

52 92.8 82.6 124.0

51 49.0 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.611 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

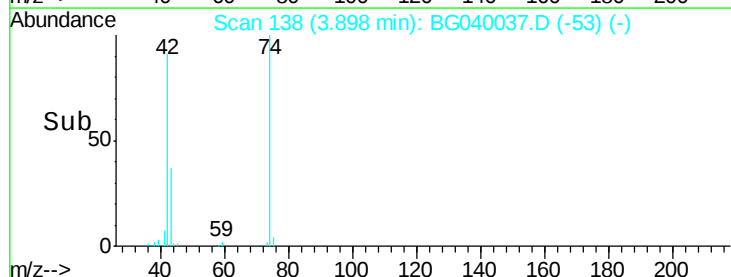
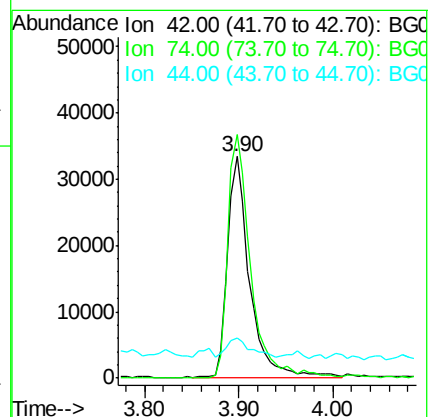
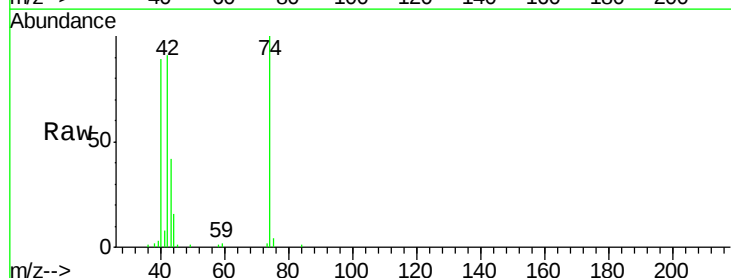
Tgt Ion: 42 Resp: 55518

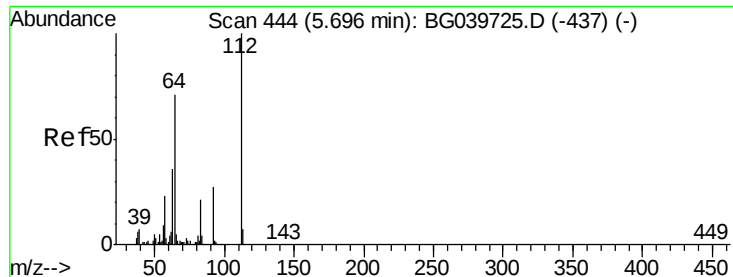
Ion Ratio Lower Upper

42 100

74 109.8 83.6 125.4

44 17.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 150.445 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

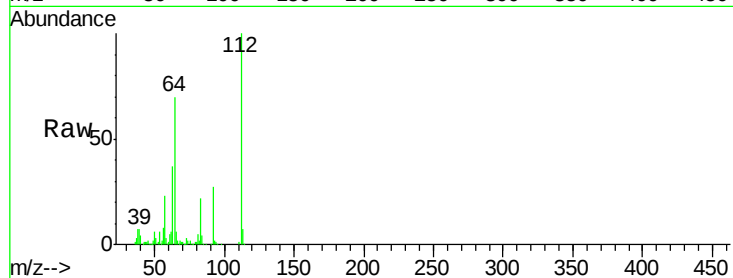
Tot Ion:112 Resp: 389091

Ion Ratio Lower Upper

112 100

64 69.5 57.8 86.8

63 36.6 29.8 44.6



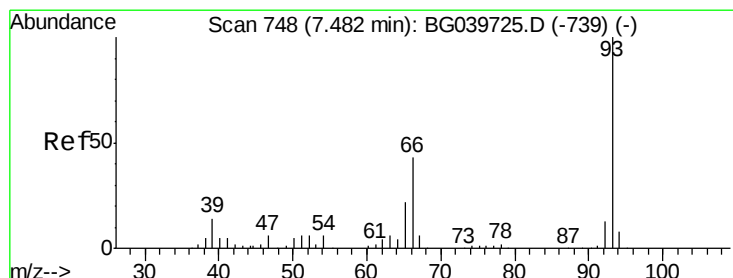
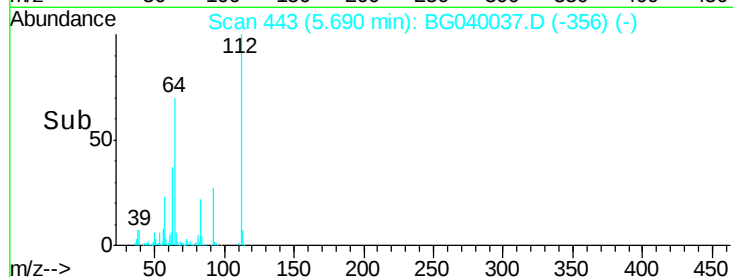
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.69

Time-->



#6

Aniline

Concen: 27.911 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

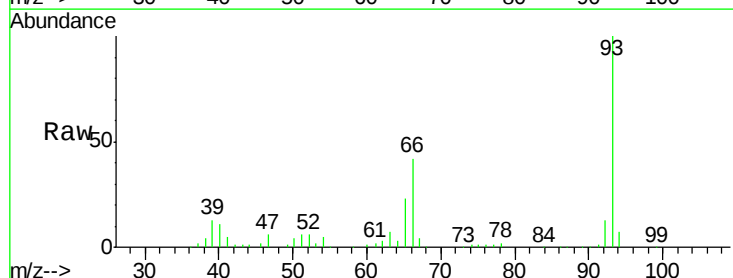
Tgt Ion: 93 Resp: 141013

Ion Ratio Lower Upper

93 100

66 42.4 34.2 51.4

65 22.8 17.7 26.5



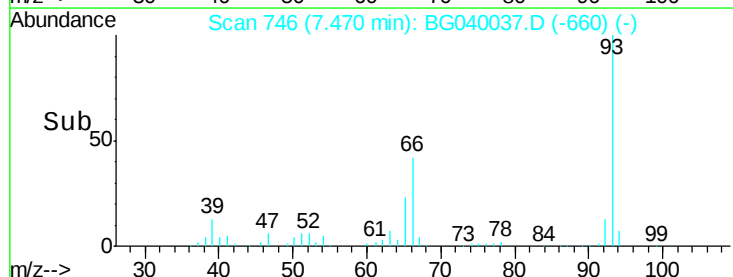
Abundance Ion 93.00 (92.70 to 93.70): BGC

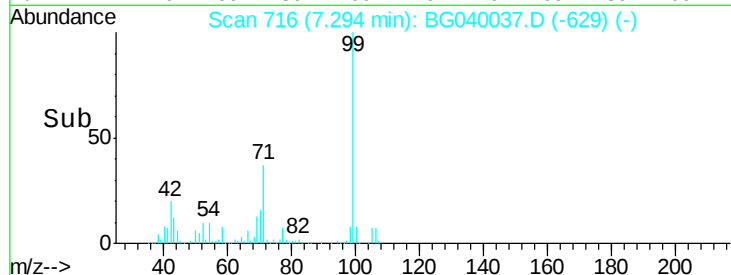
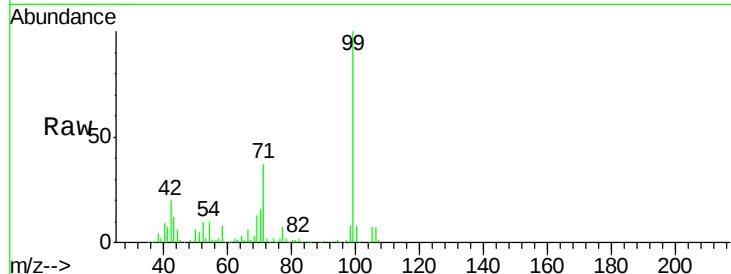
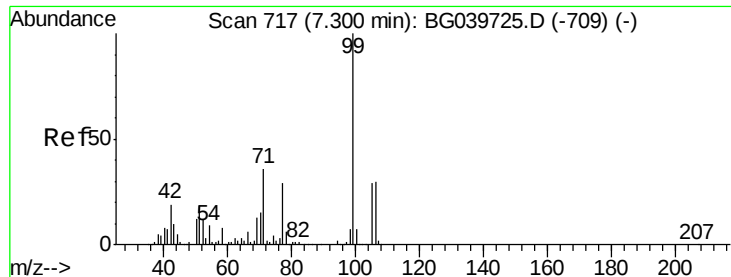
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

7.47

Time-->





#7

Phenol-d6

Concen: 143.802 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

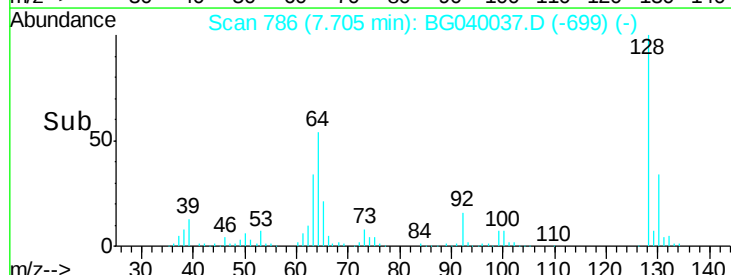
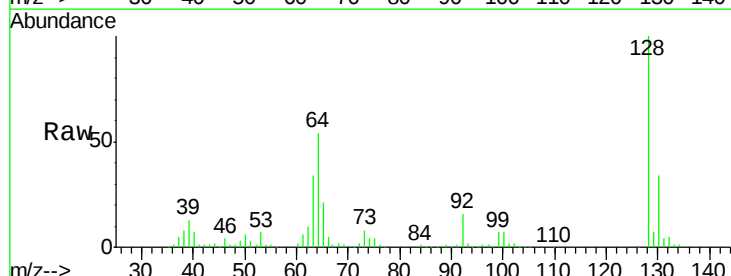
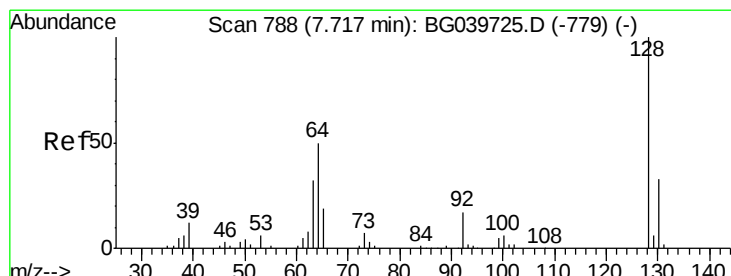
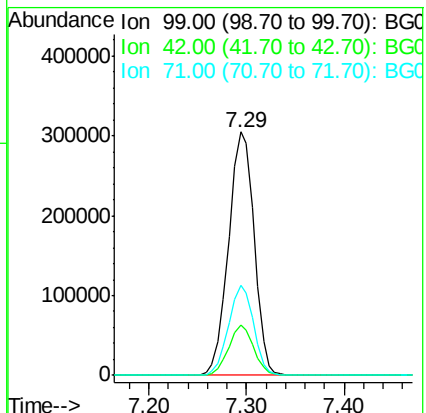
Tot Ion: 99 Resp: 554541

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 37.1 28.0 42.0



#8

2-Chlorophenol

Concen: 41.886 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

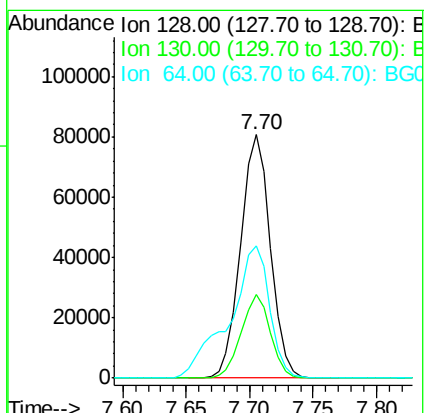
Tgt Ion:128 Resp: 131424

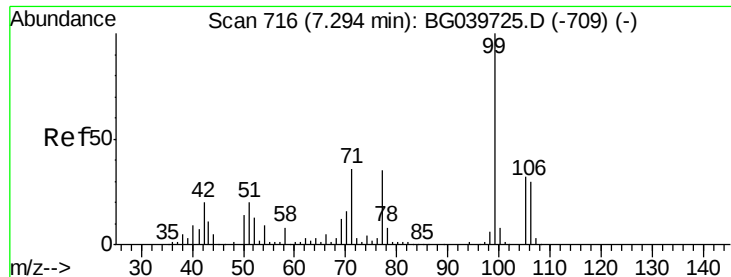
Ion Ratio Lower Upper

128 100

130 34.3 12.9 52.9

64 54.5 38.7 78.7





#9

Benzaldehyde

Concen: 25.654 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

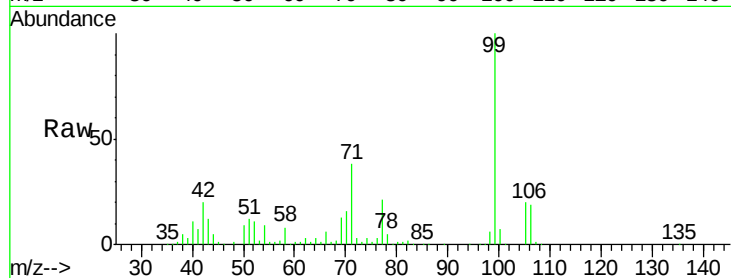
Tot Ion: 77 Resp: 63815

Ion Ratio Lower Upper

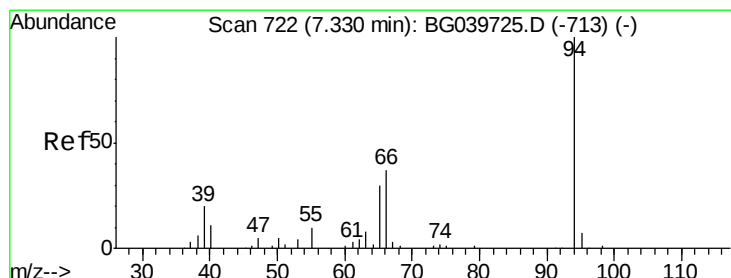
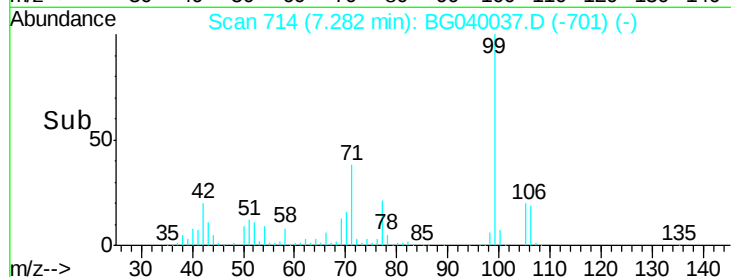
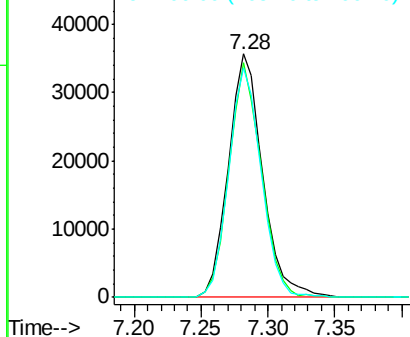
77 100

105 96.5 74.5 114.5

106 94.3 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: 43.270 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

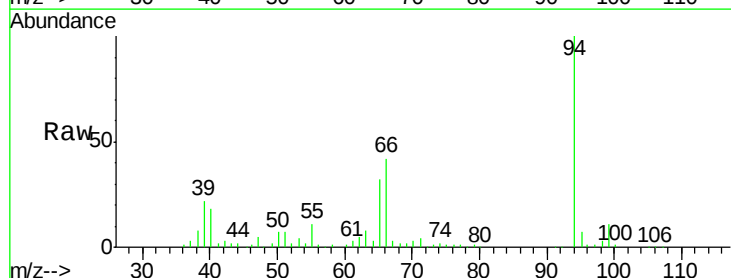
Tgt Ion: 94 Resp: 180765

Ion Ratio Lower Upper

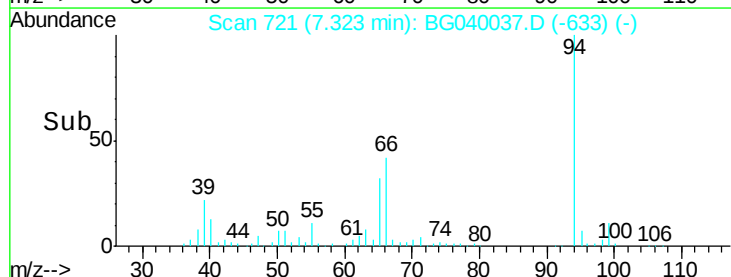
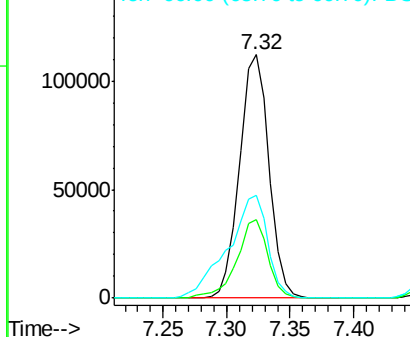
94 100

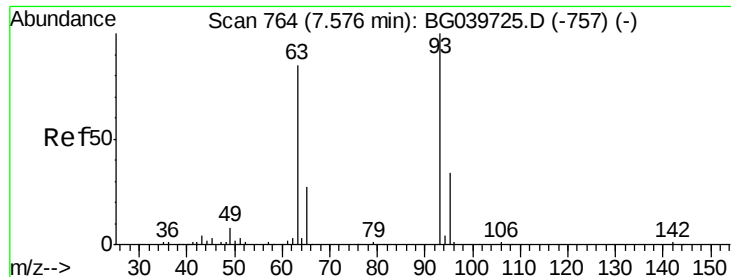
65 32.0 11.7 51.7

66 42.4 23.7 63.7



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

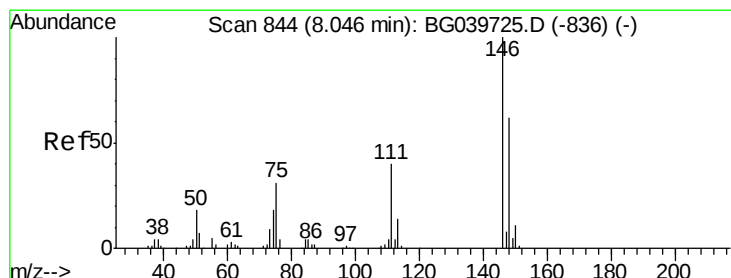
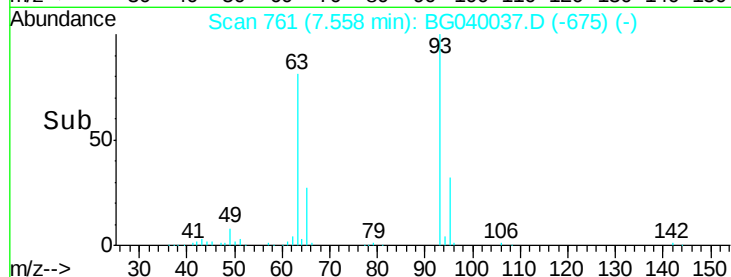
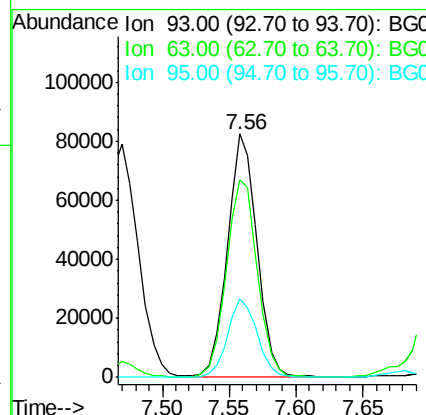
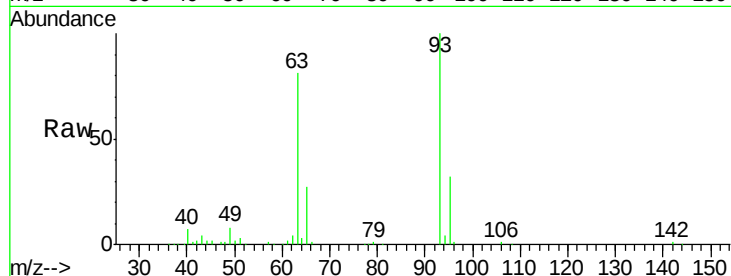




#11
 bis(2-Chloroethyl)ether
 Concen: 39.467 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

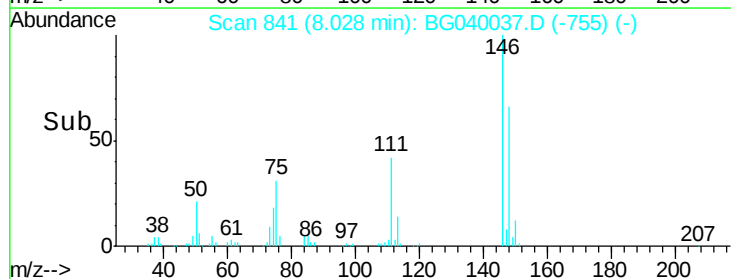
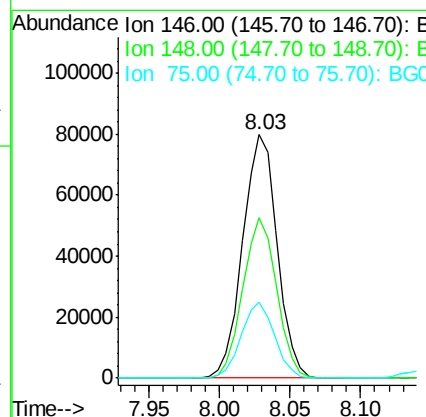
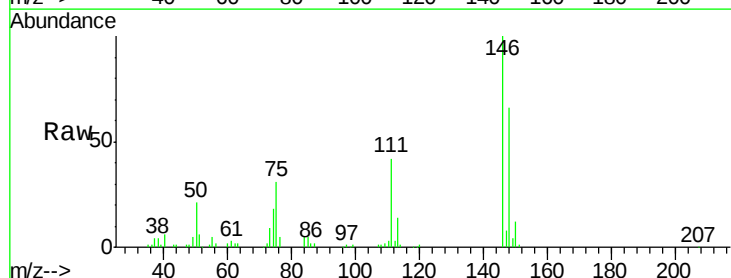
Instrument :
 BNA_G
 ClientSampled :

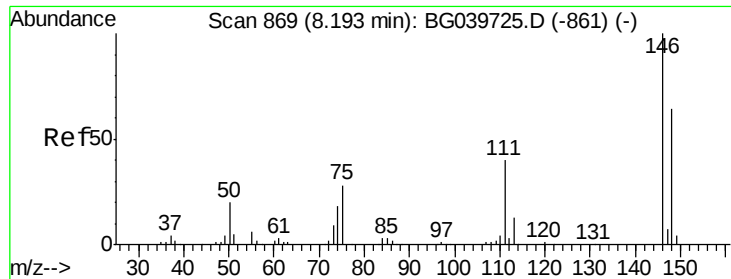
Tot Ion: 93 Resp: 128551
 Ion Ratio Lower Upper
 93 100
 63 81.3 69.5 109.5
 95 32.5 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.313 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion: 146 Resp: 135956
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.6 79.0
 75 31.0 25.8 38.6

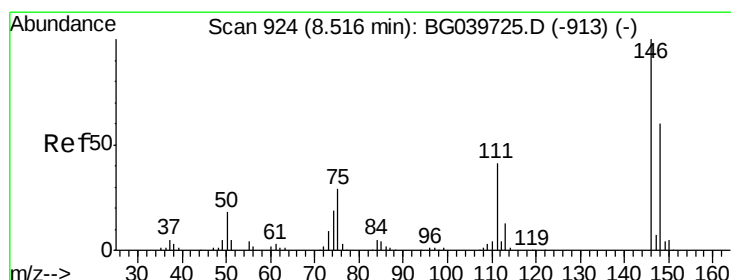
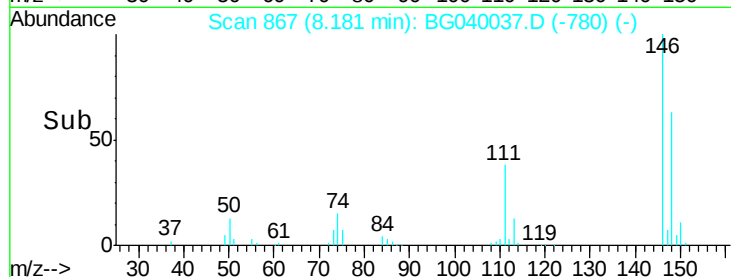
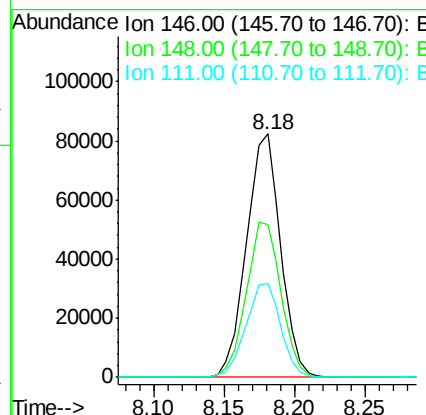
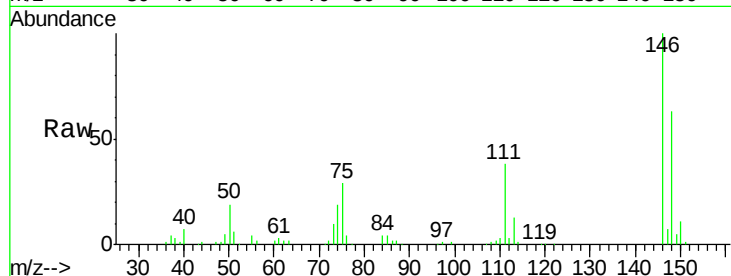




#13
 1,4-Dichlorobenzene
 Concen: 38.599 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

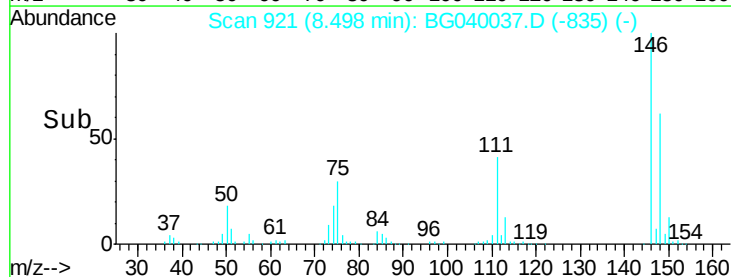
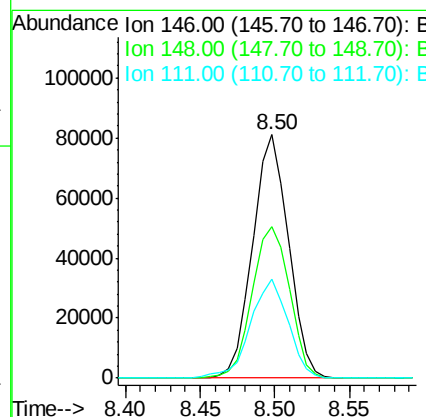
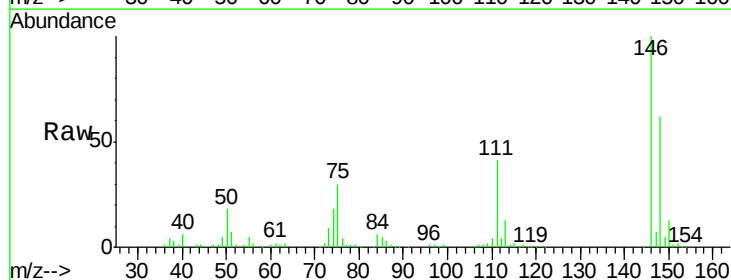
Instrument :
 BNA_G
 ClientSampleId :

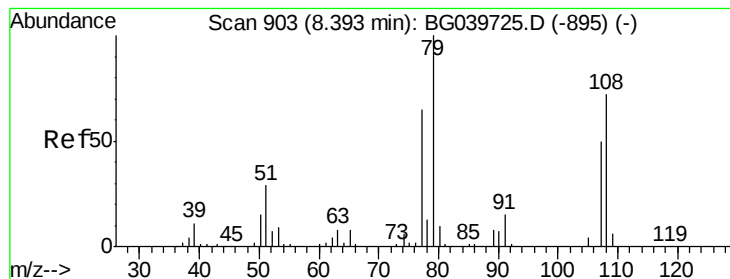
Tot Ion:146 Resp: 139519
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 38.5 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 38.463 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:146 Resp: 134327
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.5 77.3
 111 40.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.065 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampled :

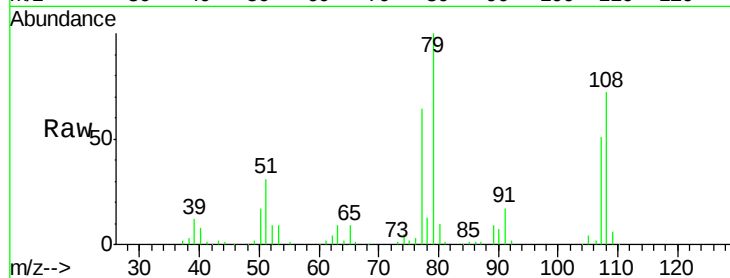
Tot Ion: 79 Resp: 125619

Ion Ratio Lower Upper

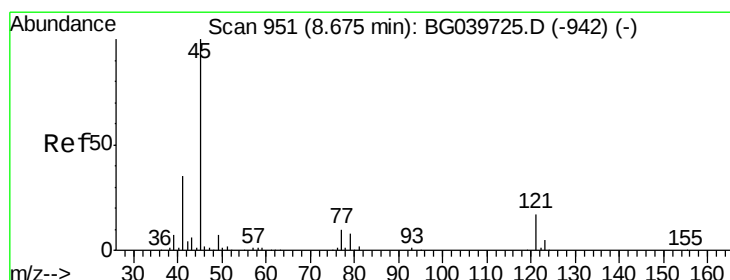
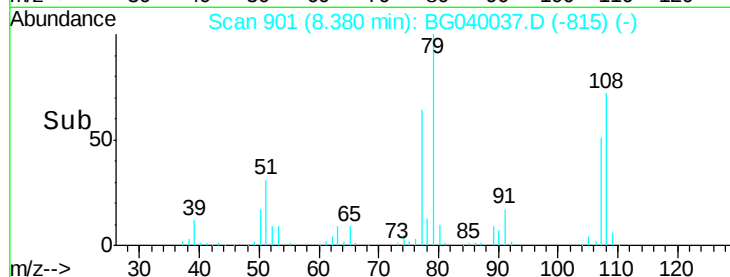
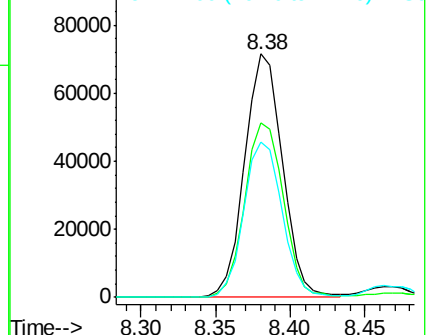
79 100

108 71.9 57.8 86.6

77 63.9 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.820 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

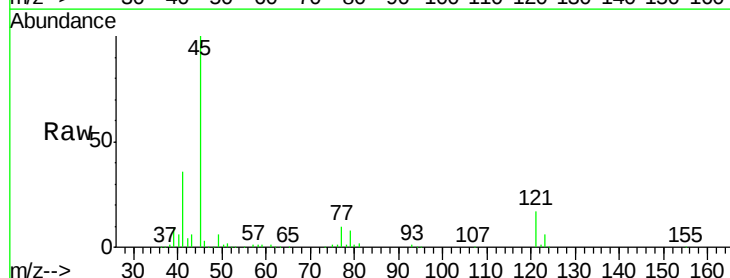
Tgt Ion: 45 Resp: 246369

Ion Ratio Lower Upper

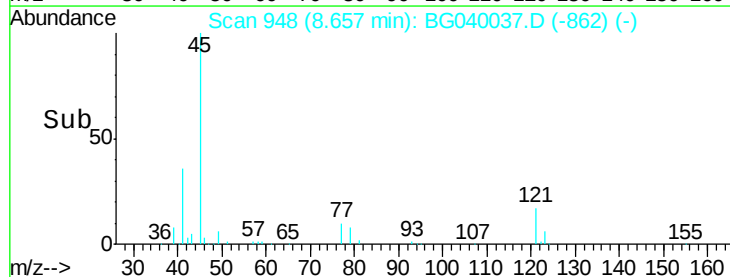
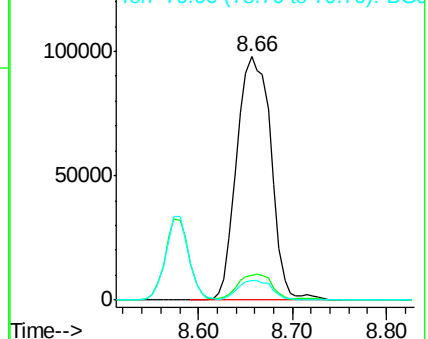
45 100

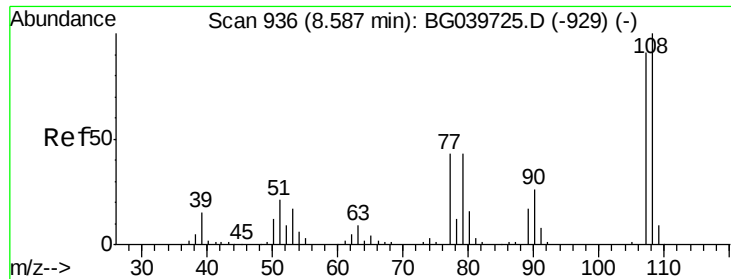
77 10.4 0.0 30.0

79 8.3 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

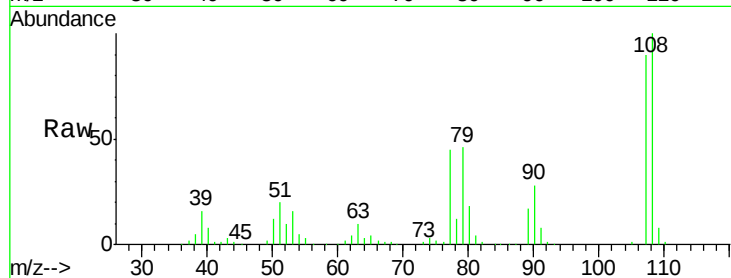




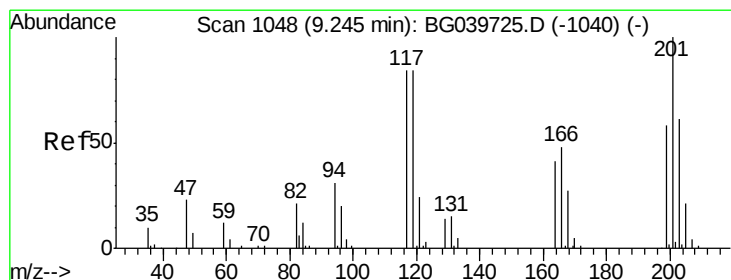
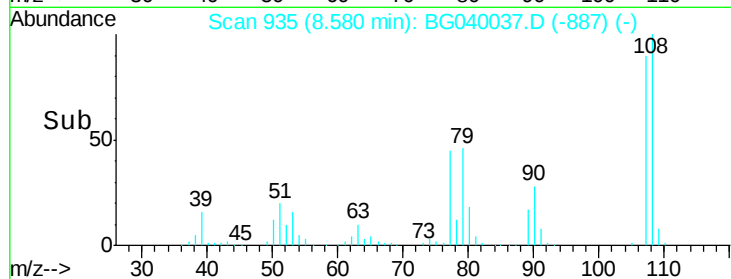
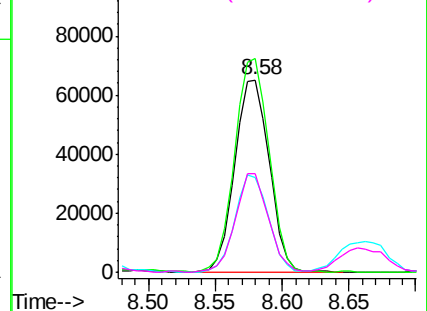
#17
2-Methylphenol
Concen: 44.045 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	117327
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.8	136.2
77	49.6	40.7	61.1
79	51.5	40.6	60.8

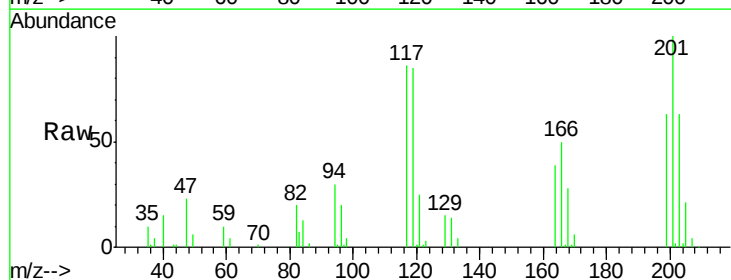


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

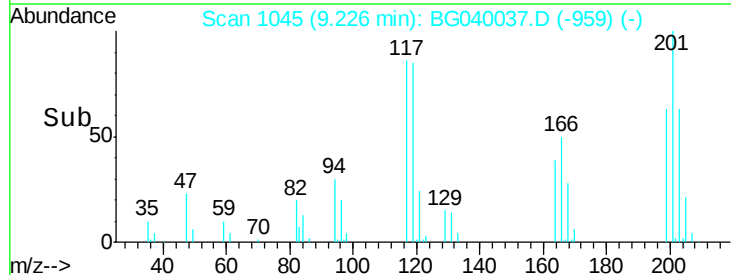
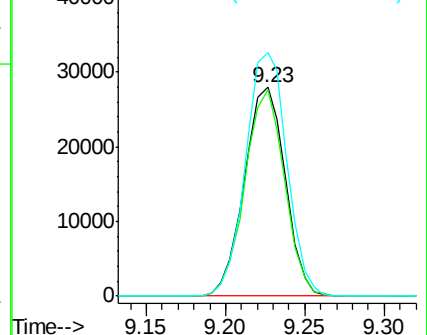


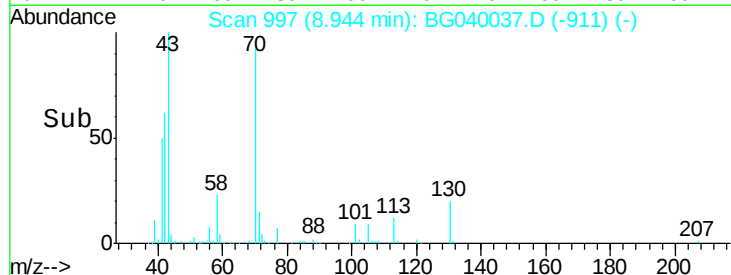
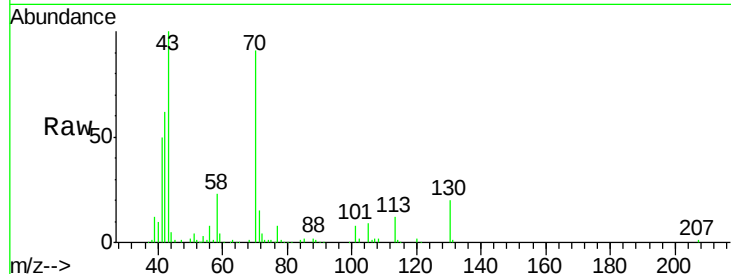
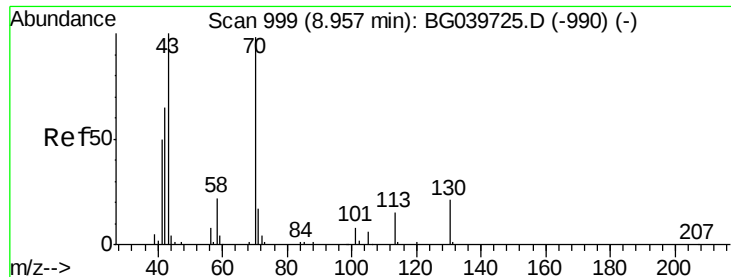
#18
Hexachloroethane
Concen: 38.534 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:	117	Resp:	49977
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.3	114.5
201	116.8	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

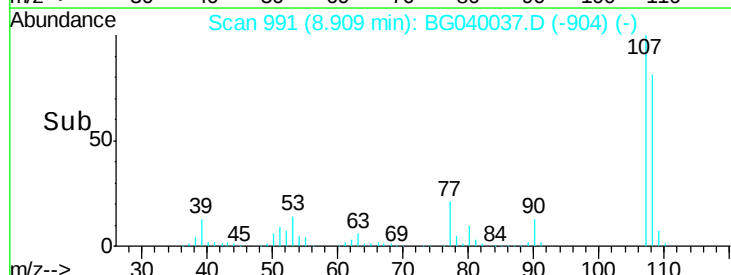
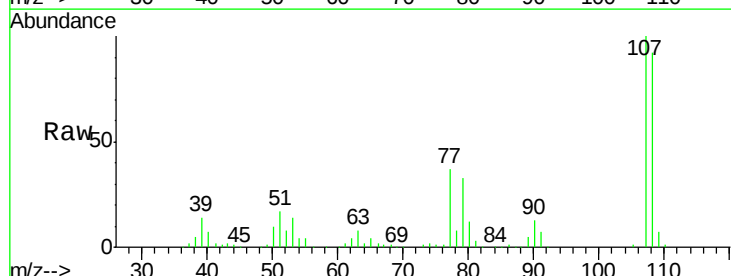
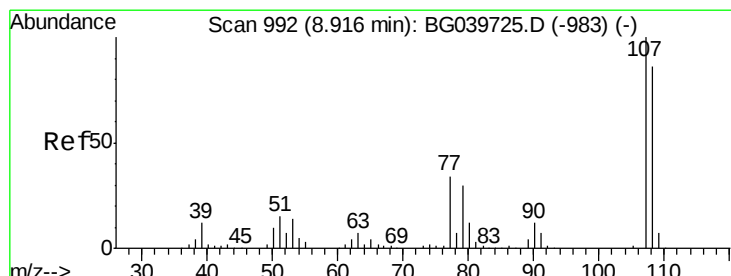
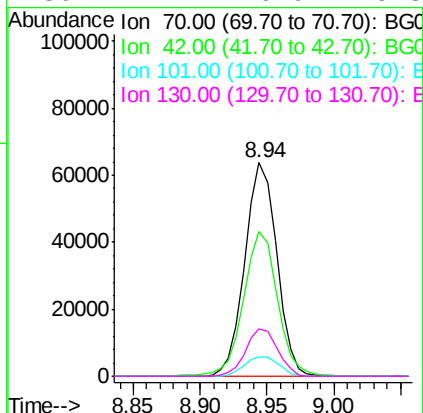




#19
n-Nitroso-di-n-propylamine
Concen: 37.963 ng
RT: 8.94 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

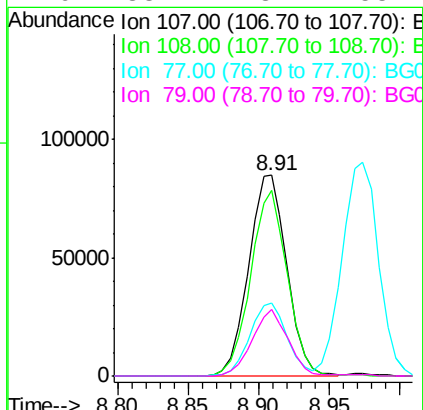
Instrument :
BNA_G
ClientSampled :

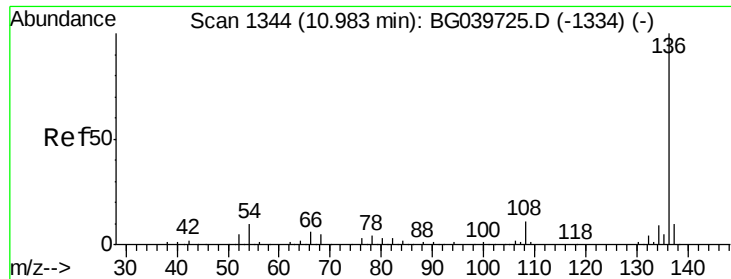
Tot Ion:	70	Resp:	105373
Ion	Ratio	Lower	Upper
70	100		
42	68.0	60.4	90.6
101	9.3	7.5	11.3
130	22.2	16.9	25.3



#20
3+4-Methylphenols
Concen: 43.465 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:	107	Resp:	160847
Ion	Ratio	Lower	Upper
107	100		
108	92.5	67.9	107.9
77	36.6	15.4	55.4
79	33.4	13.7	53.7

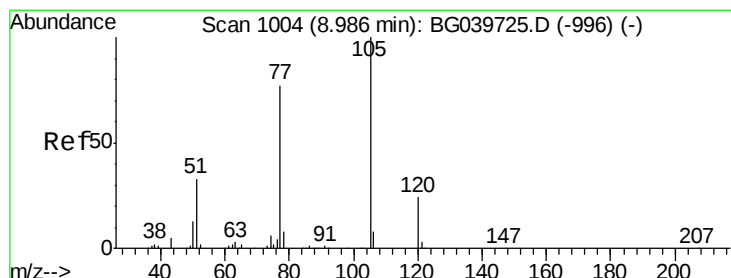
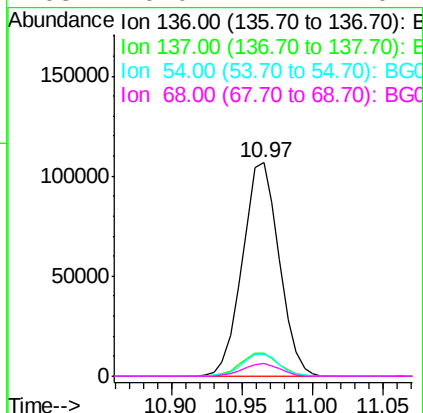
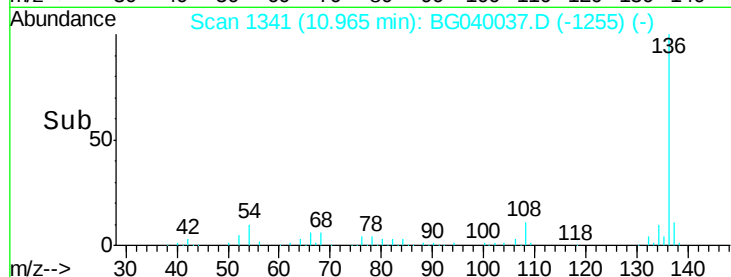
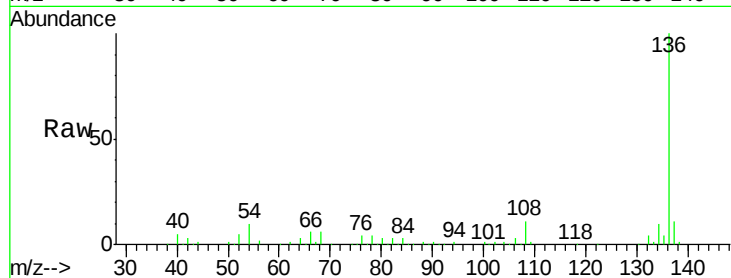




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

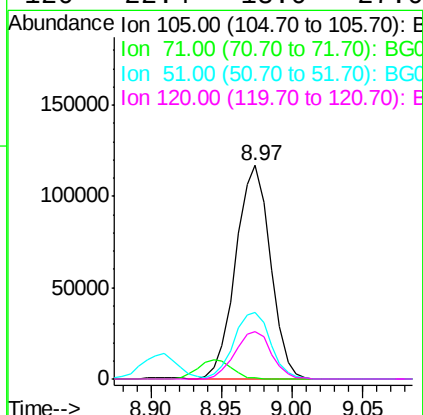
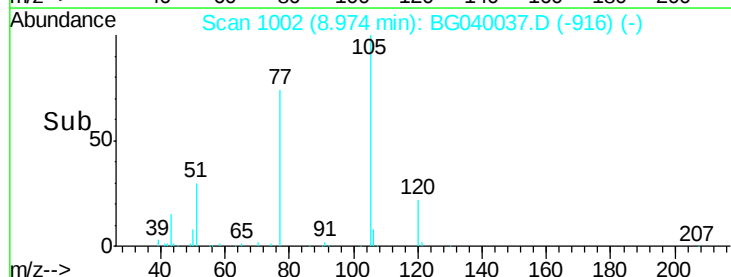
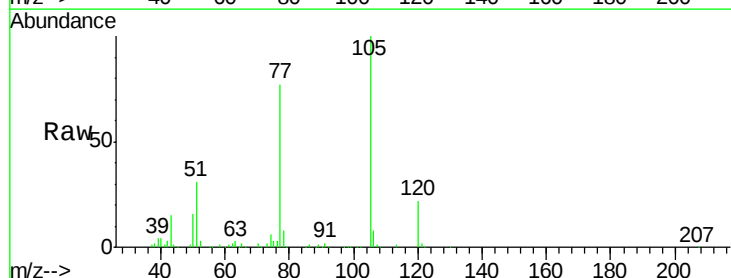
Instrument :
BNA_G
ClientSampleId :

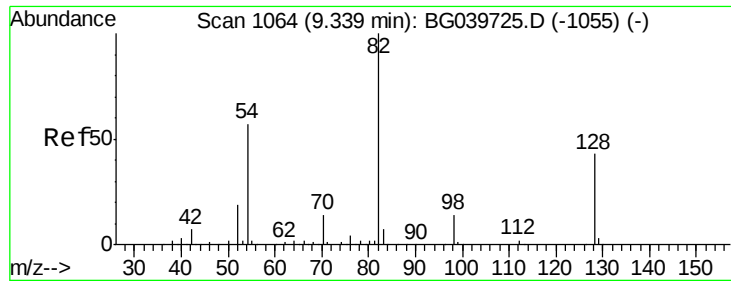
Tot Ion:136	Resp:	194518
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	10.4	9.4 14.2
68	6.0	4.2 6.4



#22
Acetophenone
Concen: 38.562 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:105	Resp:	201324
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.8 1.2#
51	31.4	30.2 45.2
120	22.4	18.0 27.0

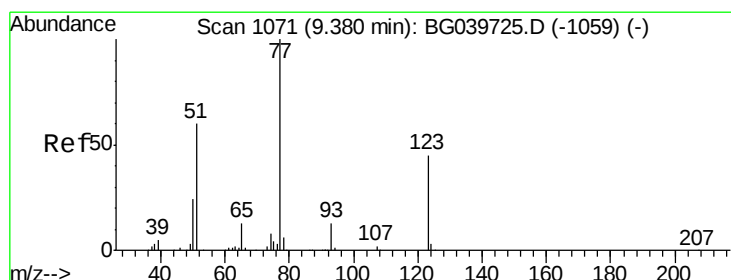
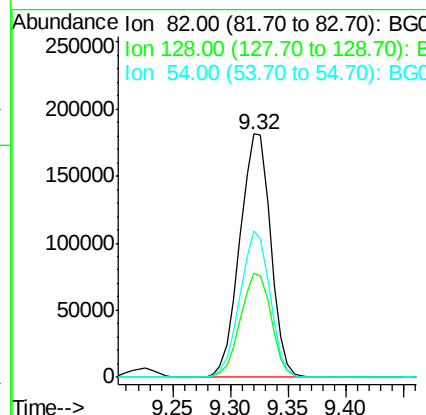
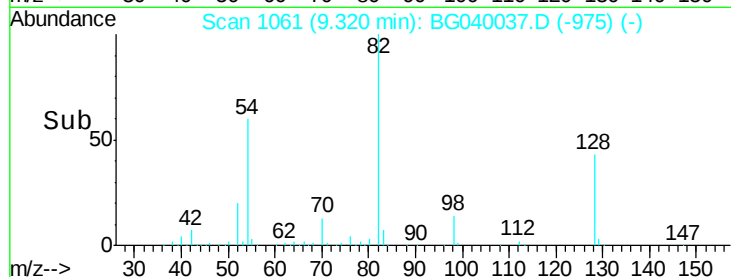
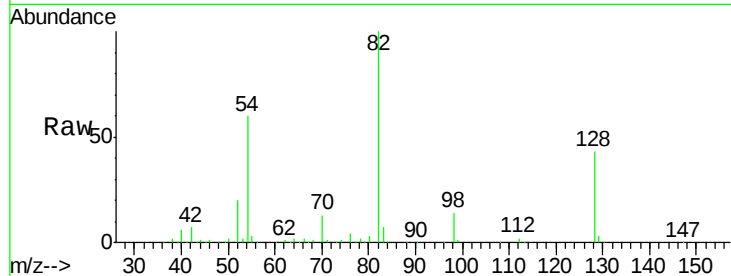




#23
 Nitrobenzene-d5
 Concen: 93.460 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

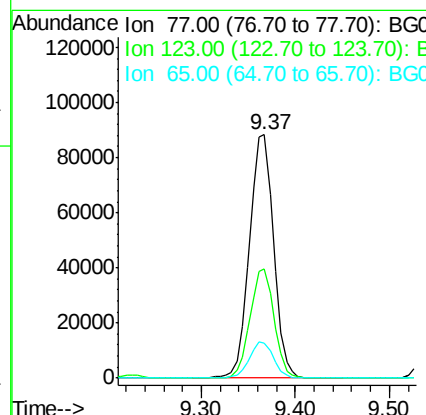
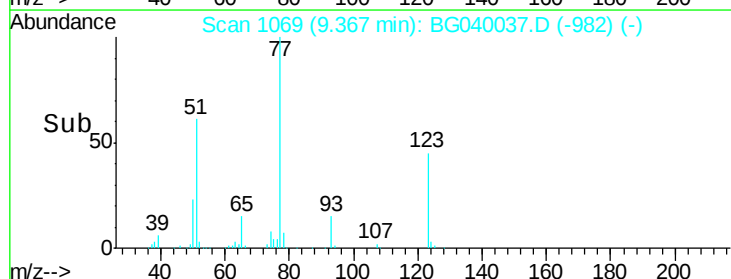
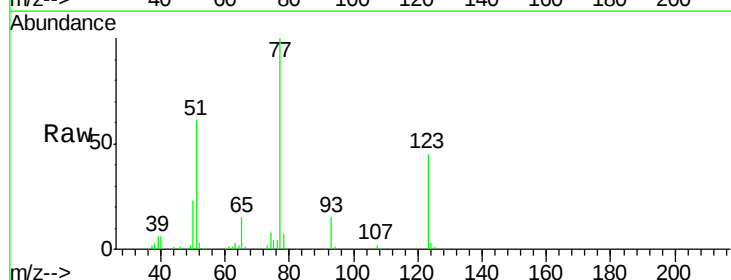
Instrument :
 BNA_G
 ClientSampled :

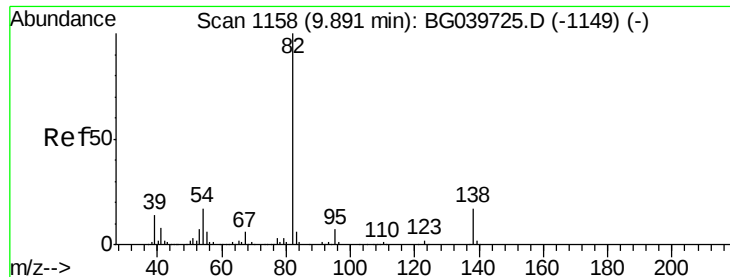
Tot Ion	82	Resp	336138
Ion Ratio	Lower	Upper	
82	100		
128	42.9	31.3	46.9
54	60.1	50.9	76.3



#24
 Nitrobenzene
 Concen: 41.736 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion	77	Resp	157473
Ion Ratio	Lower	Upper	
77	100		
123	44.8	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 40.535 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

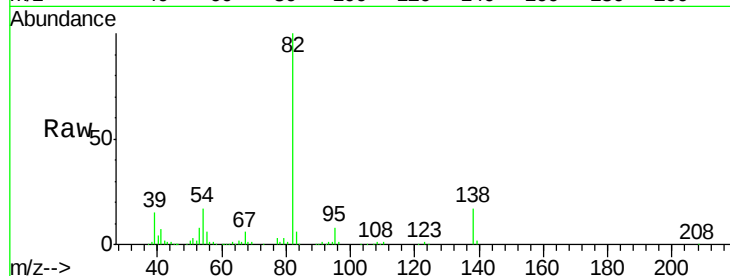
Tot Ion: 82 Resp: 305472

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

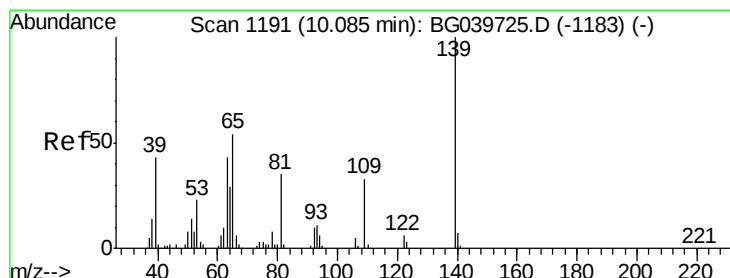
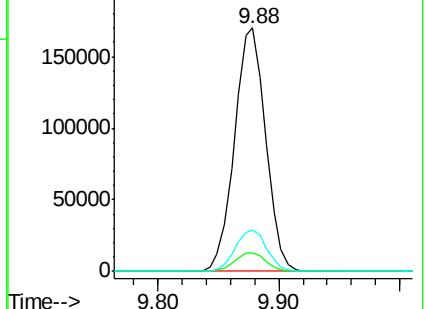
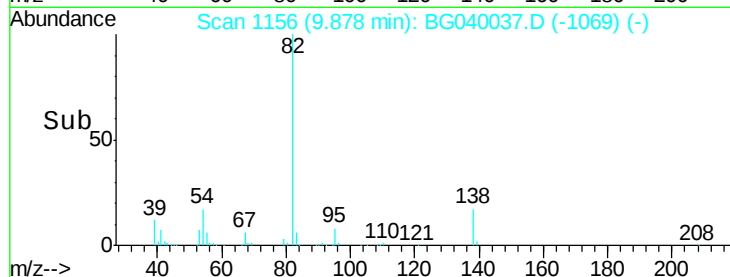
138 17.0 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG040037.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BG040037.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BG040037.D (-1069) (-)



#26

2-Nitrophenol

Concen: 43.632 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

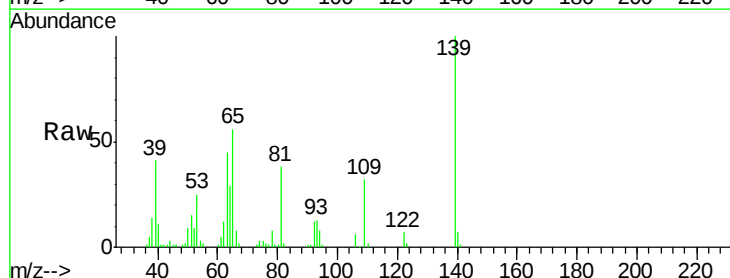
Tgt Ion: 139 Resp: 79486

Ion Ratio Lower Upper

139 100

109 31.9 23.4 35.0

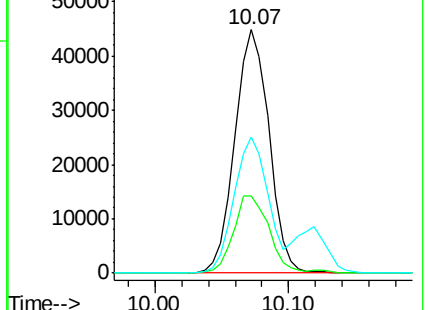
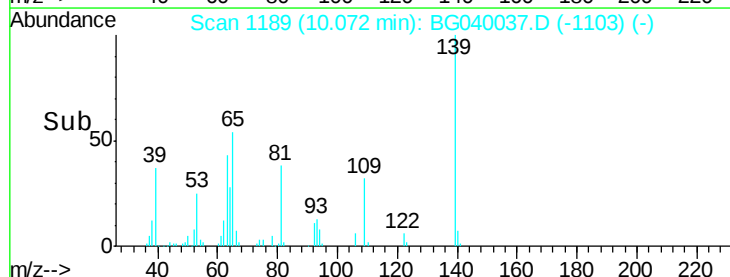
65 55.7 44.3 66.5

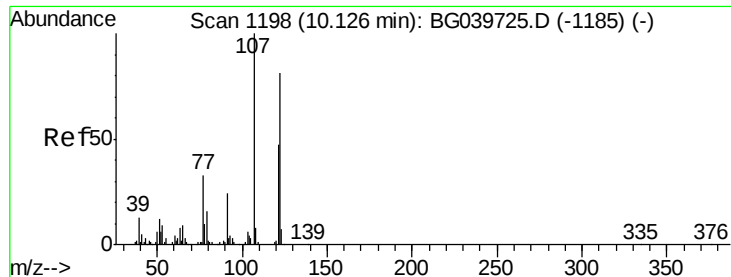


Abundance Ion 139.00 (138.70 to 139.70): BG040037.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BG040037.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BG040037.D (-1103) (-)

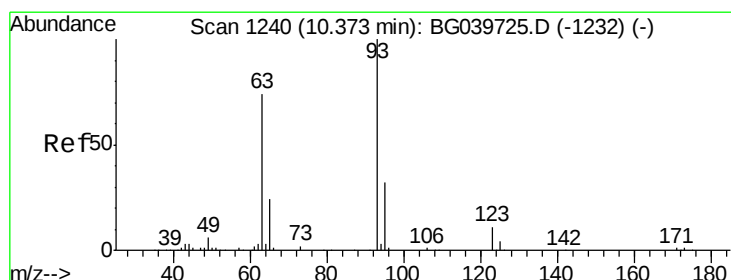
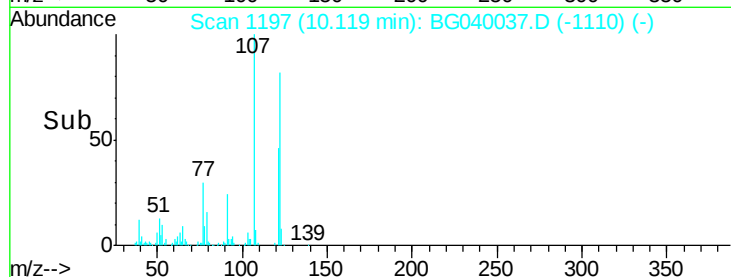
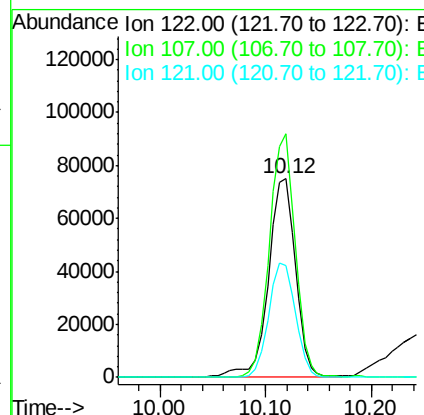
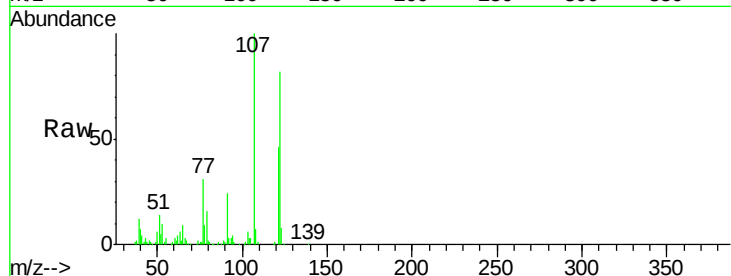




#27
2,4-Dimethylphenol
Concen: 47.321 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

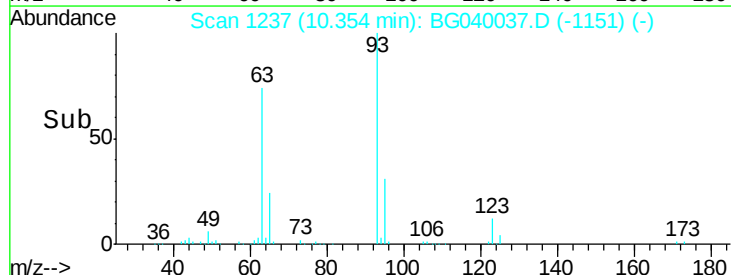
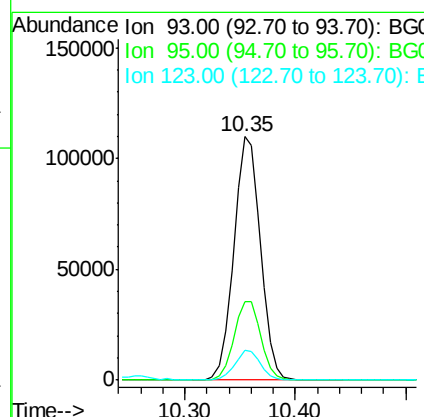
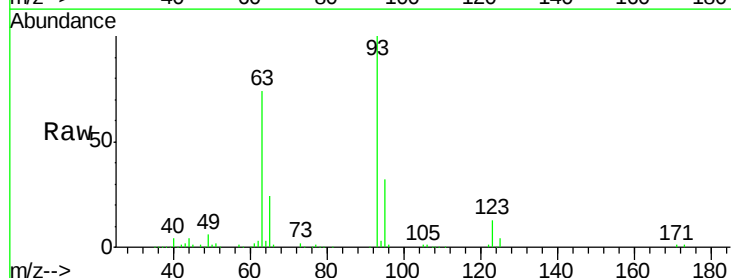
Instrument :
BNA_G
ClientSampleId :

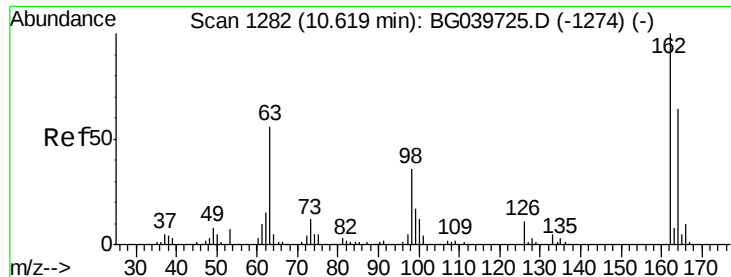
Tot Ion:122 Resp: 134071
Ion Ratio Lower Upper
122 100
107 122.7 91.7 137.5
121 56.3 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.460 ng
RT: 10.35 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion: 93 Resp: 185291
Ion Ratio Lower Upper
93 100
95 32.4 25.0 37.4
123 12.5 8.6 12.8

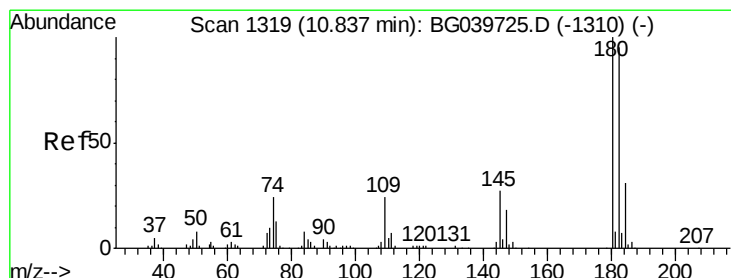
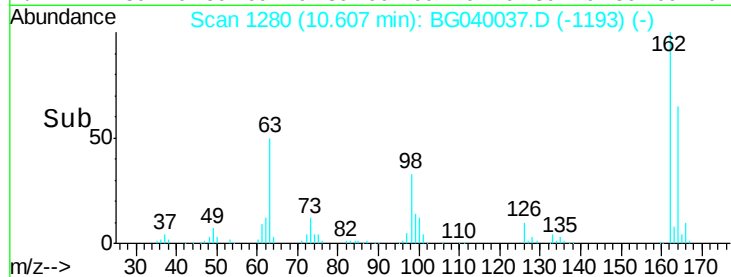
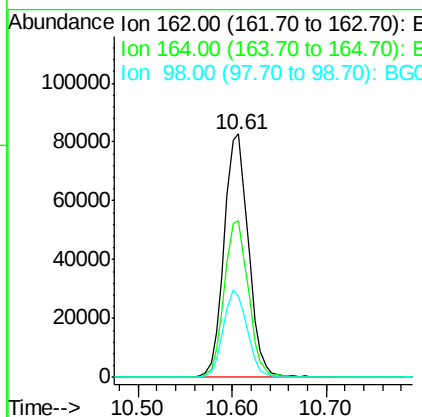
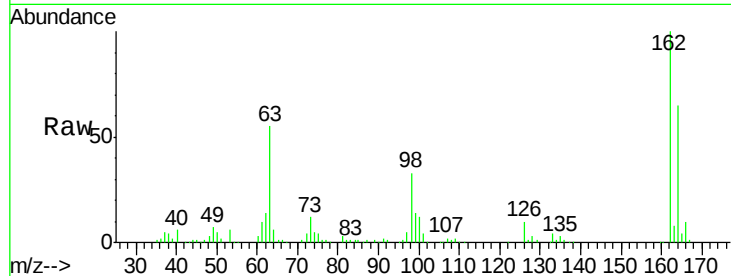




#29
 2,4-Dichlorophenol
 Concen: 46.891 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

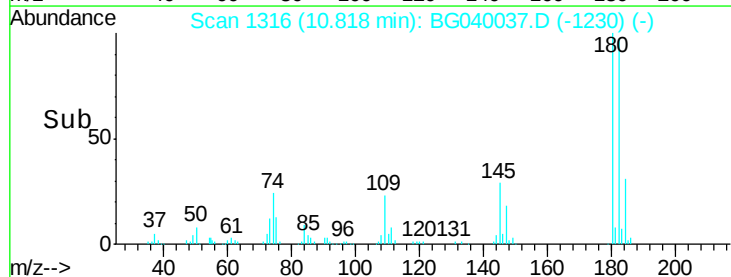
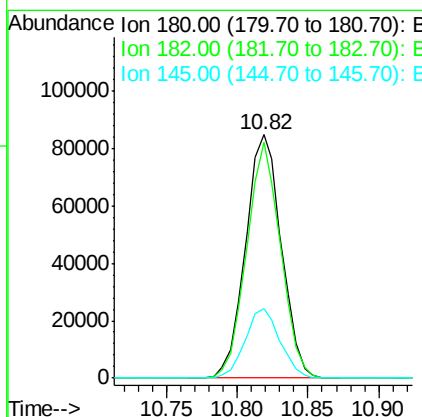
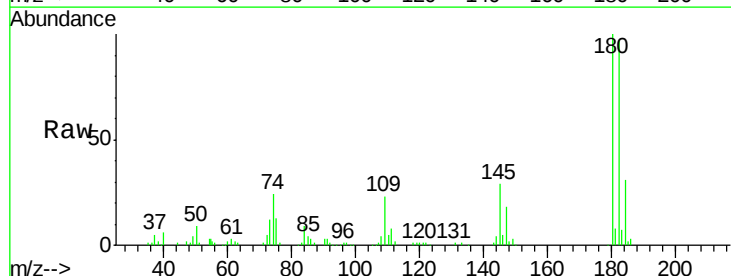
Instrument :
 BNA_G
 ClientSampleId :

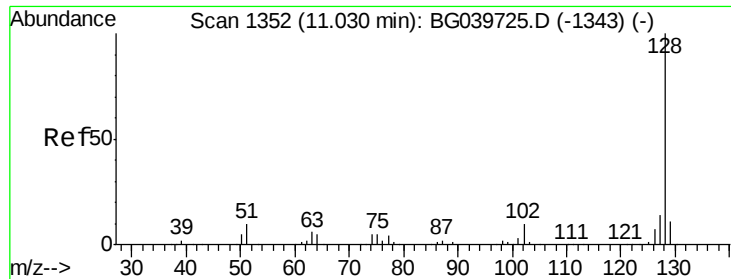
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	48.1	88.1
98	33.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.888 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.0	114.0
145	28.8	22.7	34.1

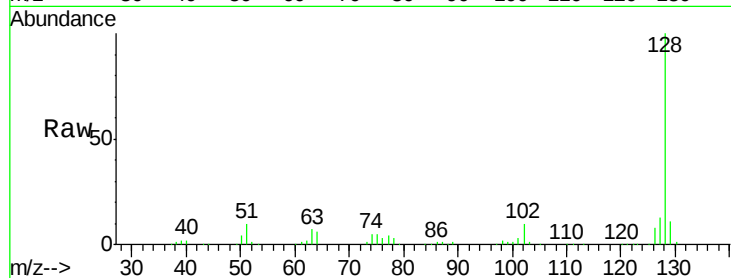




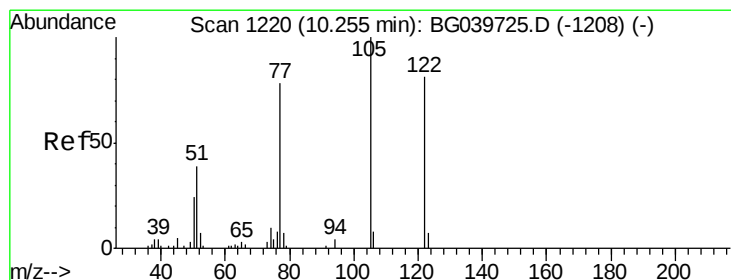
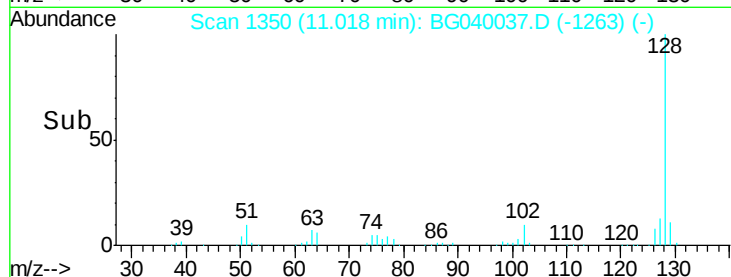
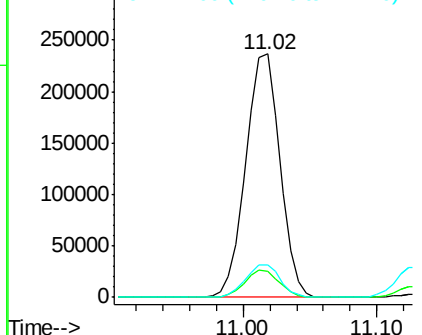
#31
Naphthalene
Concen: 40.555 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 417667
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2

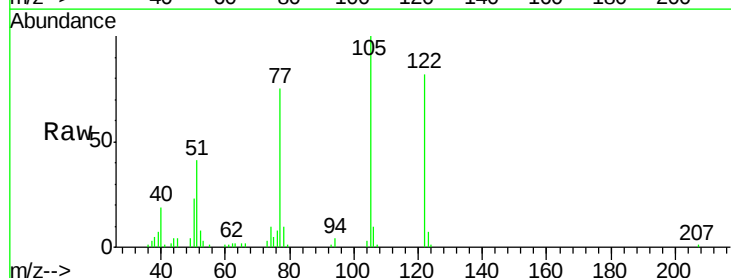


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

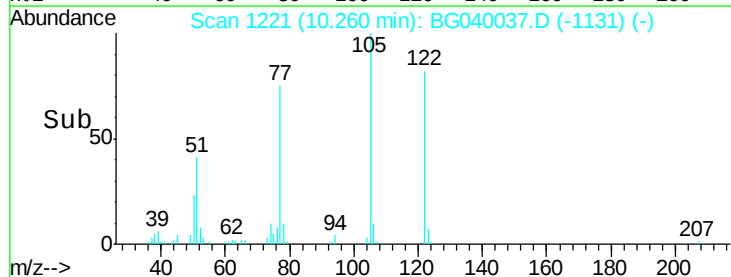
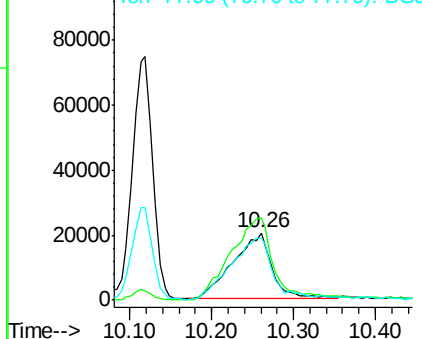


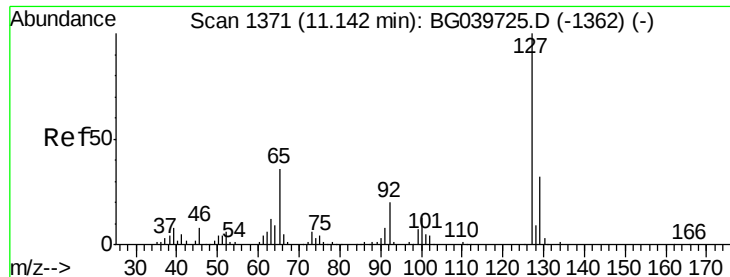
#32
Benzoic acid
Concen: 36.690 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:122 Resp: 67869
Ion Ratio Lower Upper
122 100
105 121.8 101.8 141.8
77 91.7 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

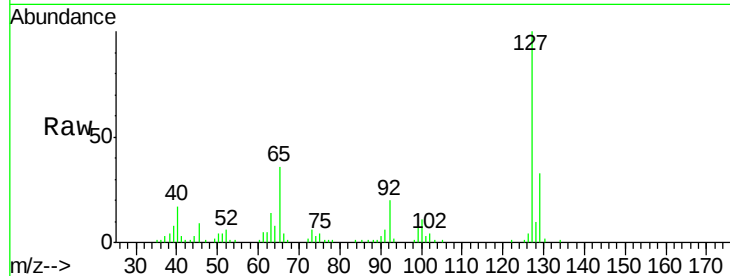




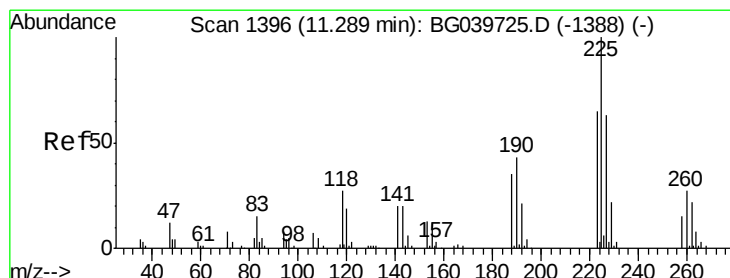
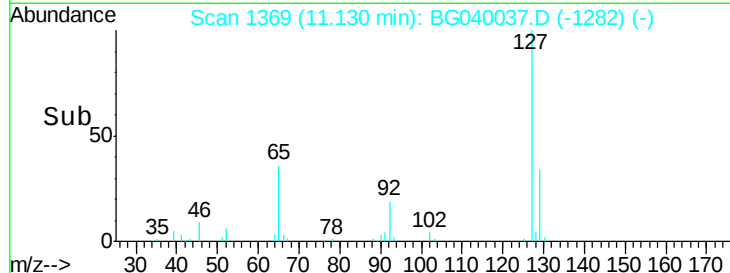
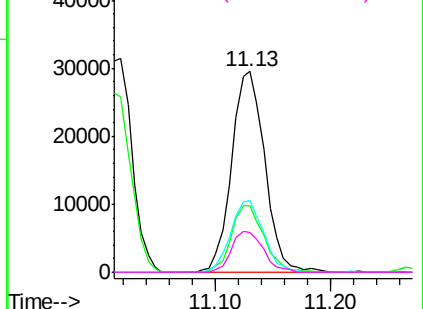
#33
4-Chloroaniline
Concen: 13.447 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	58727
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	35.9	28.8	43.2
92	19.5	16.6	25.0

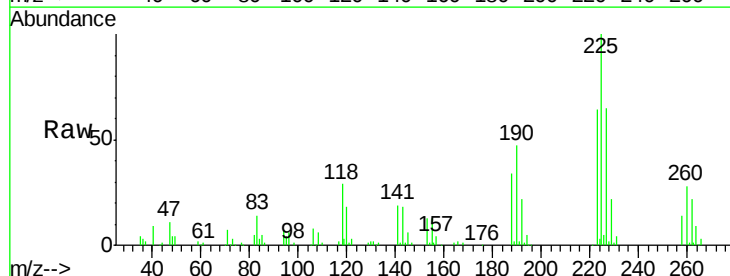


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

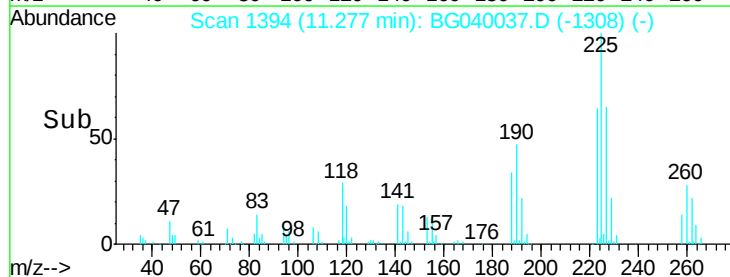
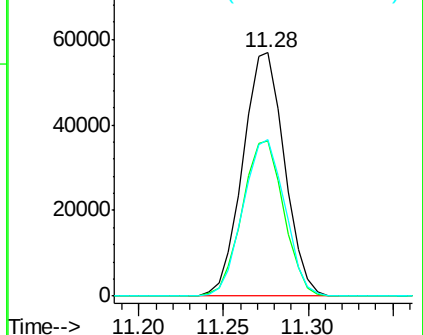


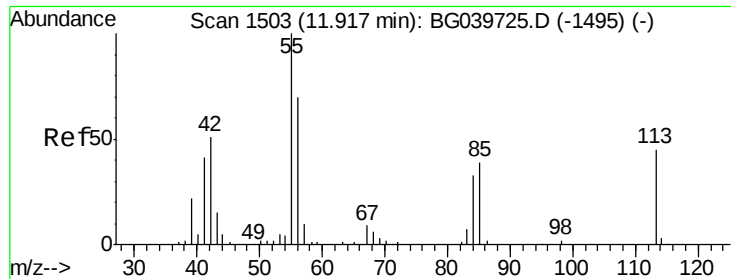
#34
Hexachlorobutadiene
Concen: 39.894 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:	225	Resp:	97854
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.0	73.6
227	64.5	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

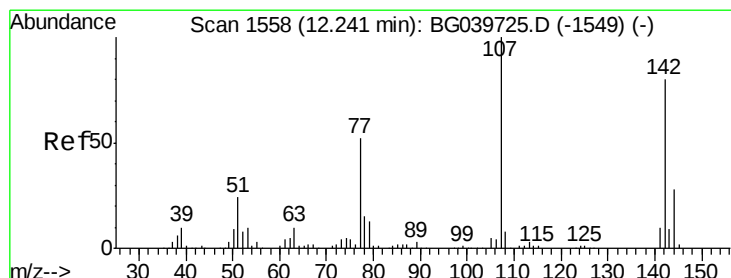
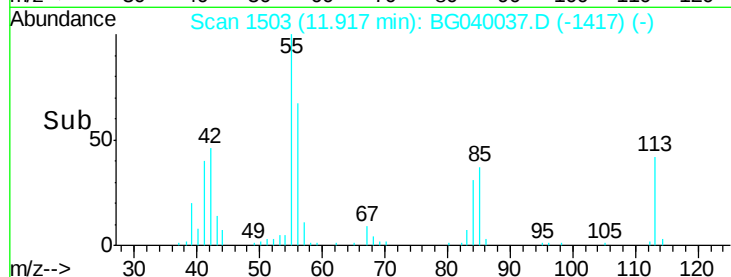
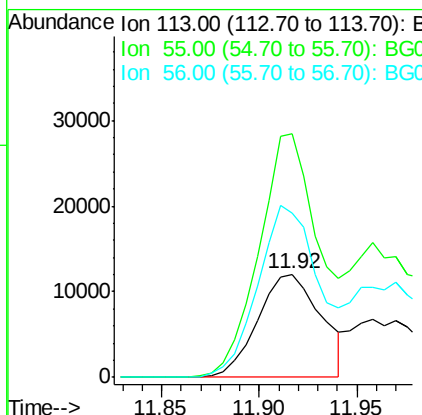
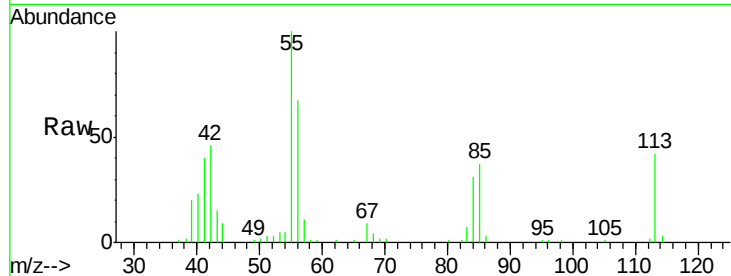




#35
 Caprolactam
 Concen: 22.177 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

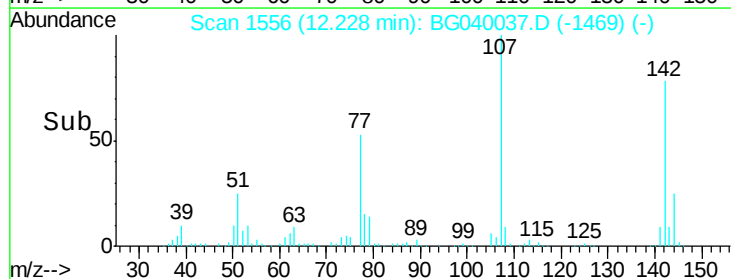
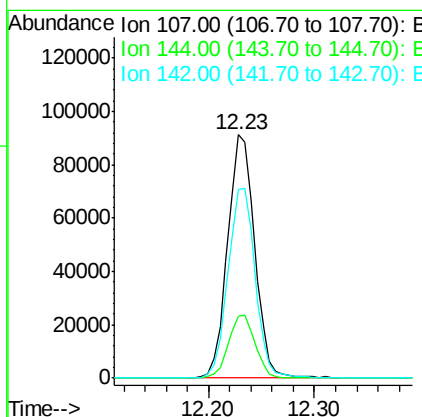
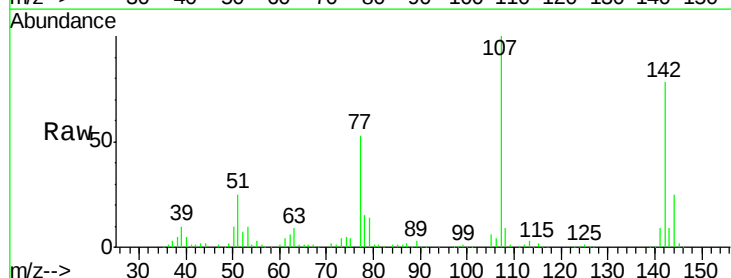
Instrument :
 BNA_G
 ClientSampled :

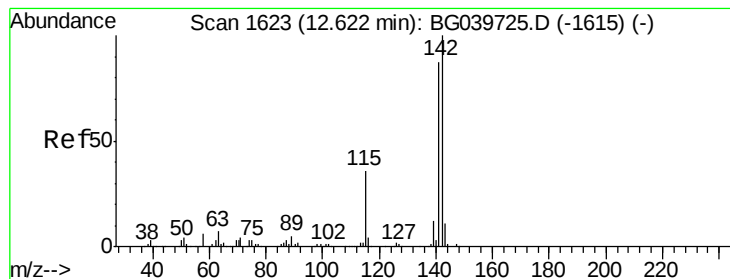
Tot Ion:113 Resp: 27024
 Ion Ratio Lower Upper
 113 100
 55 236.6 216.9 256.9
 56 159.5 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.083 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:107 Resp: 161198
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 77.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 42.198 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

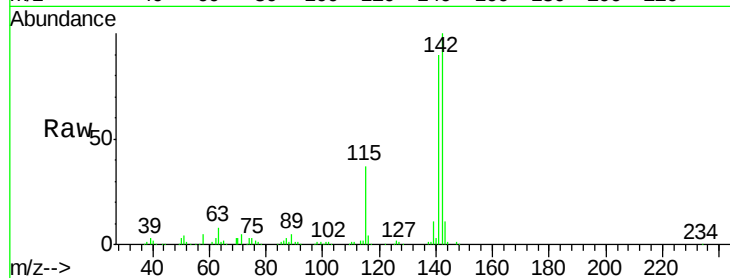
Tot Ion:142 Resp: 324914

Ion Ratio Lower Upper

142 100

141 89.6 73.5 110.3

115 36.9 30.8 46.2



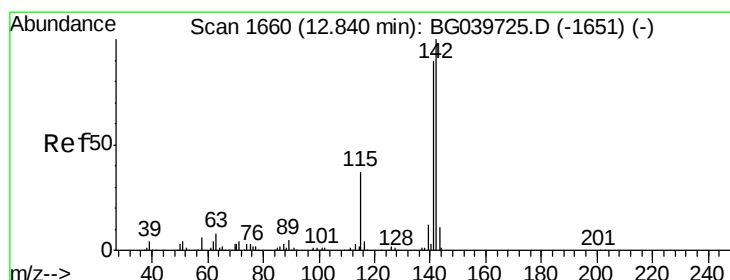
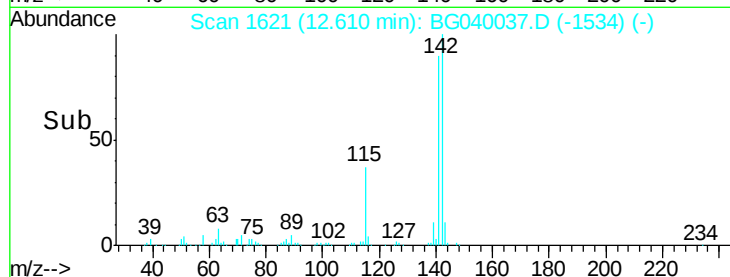
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.61

Time--> 12.50 12.60 12.70



#38

1-Methylnaphthalene

Concen: 41.071 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

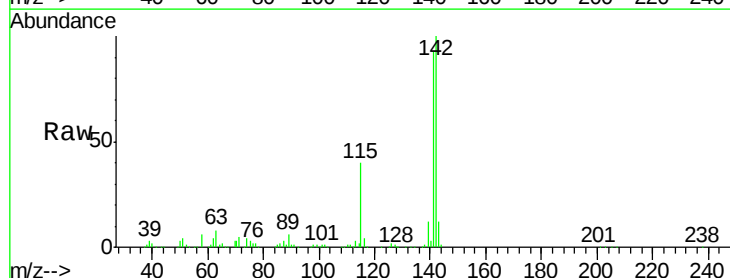
Tgt Ion:142 Resp: 307324

Ion Ratio Lower Upper

142 100

141 93.2 74.2 111.4

116 3.8 3.0 4.6



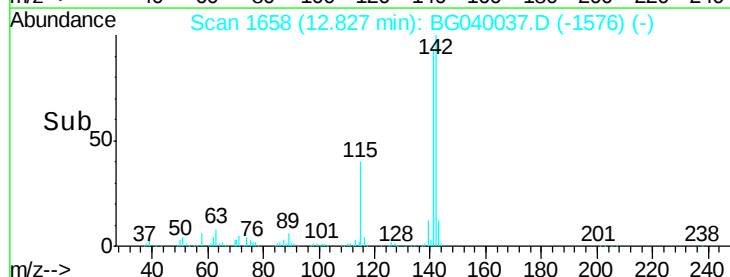
Abundance Ion 142.00 (141.70 to 142.70): E

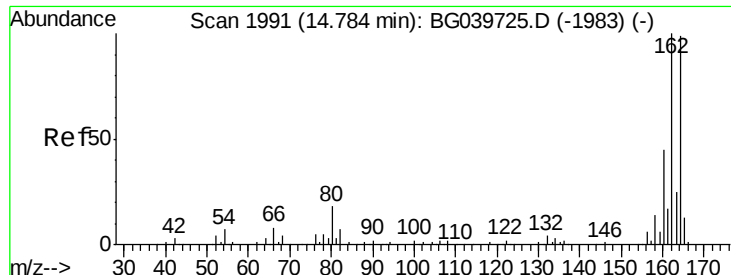
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.83

Time--> 12.75 12.80 12.85 12.90





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

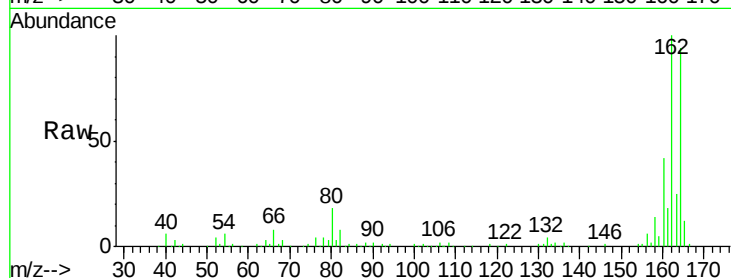
Tot Ion:164 Resp: 133677

Ion Ratio Lower Upper

164 100

162 106.2 81.6 122.4

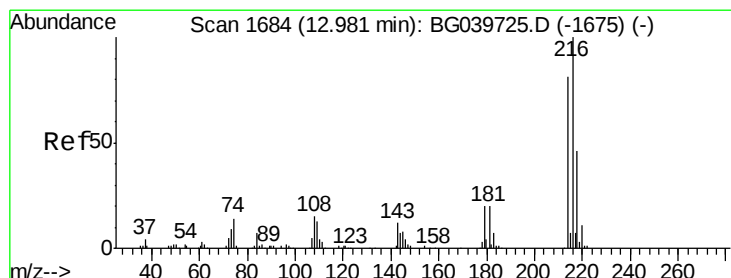
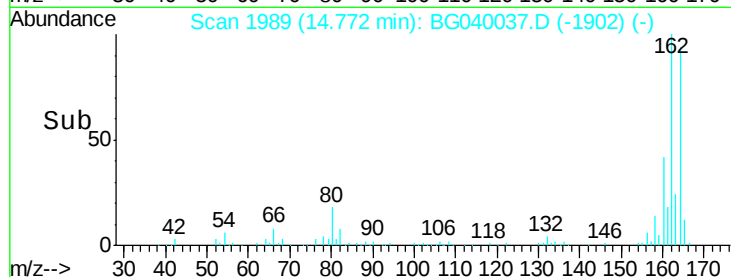
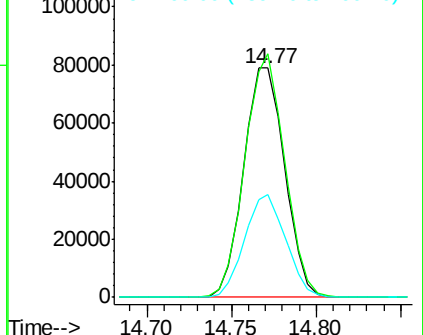
160 44.7 34.2 51.2



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: 39.690 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Tgt Ion:216 Resp: 179743

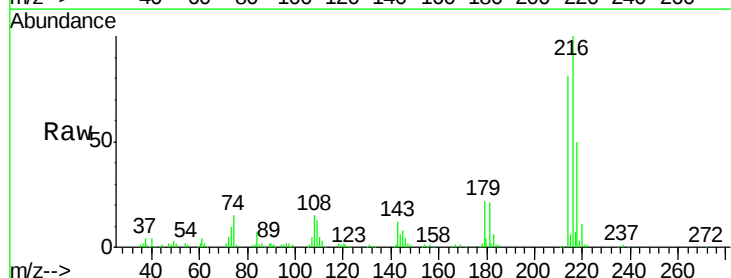
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.5 16.6 25.0

108 18.7 14.0 21.0

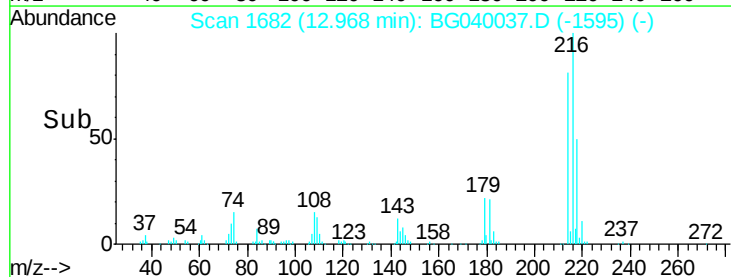
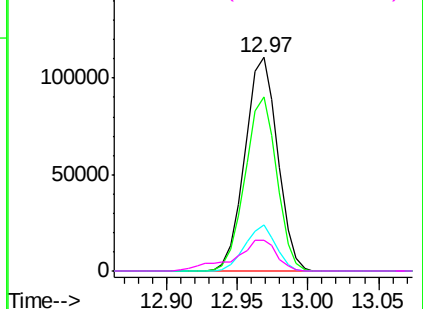


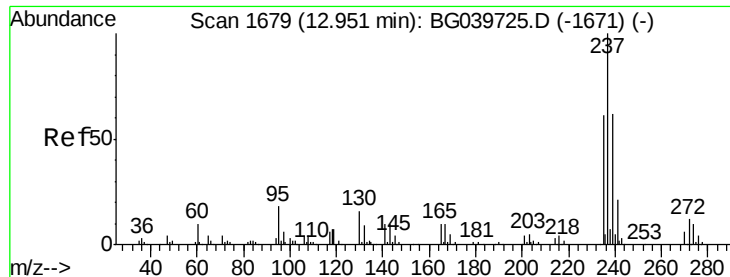
Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.406 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

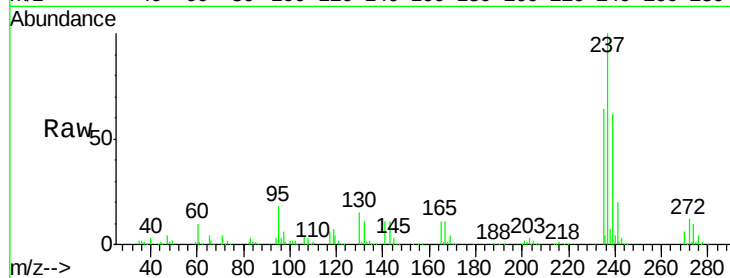
Tot Ion:237 Resp: 246103

Ion Ratio Lower Upper

237 100

235 64.3 43.3 83.3

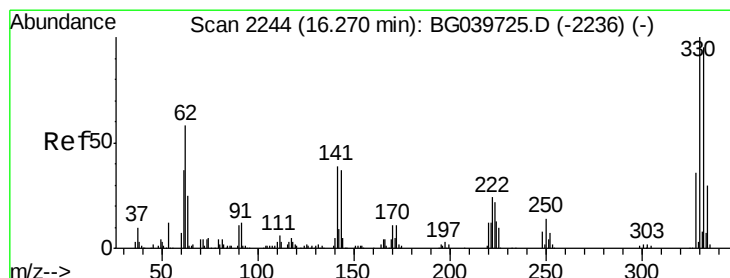
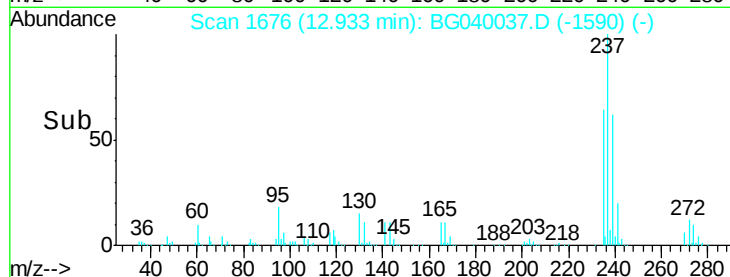
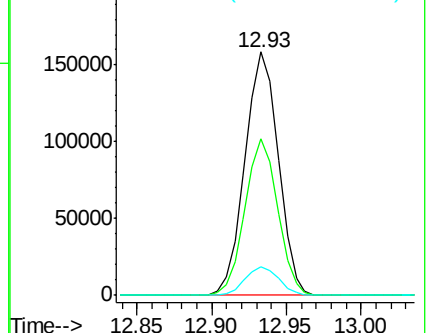
272 11.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.949 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

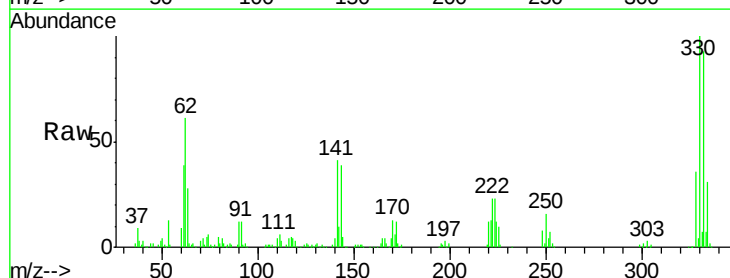
Tgt Ion:330 Resp: 224288

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

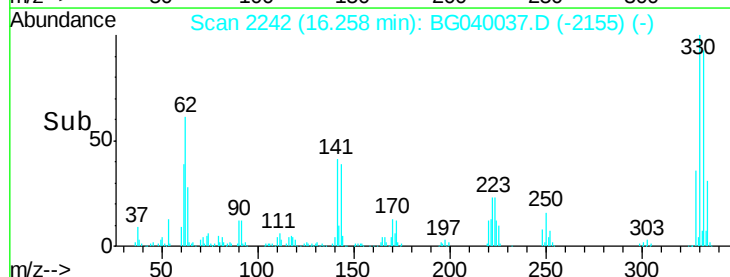
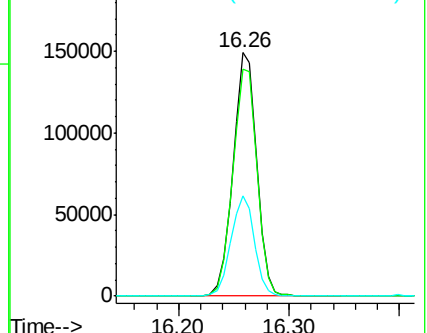
141 40.7 35.6 53.4

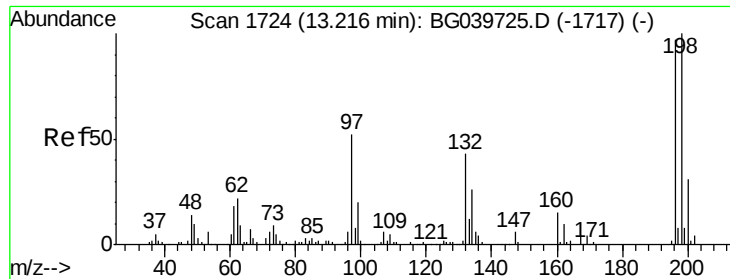


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

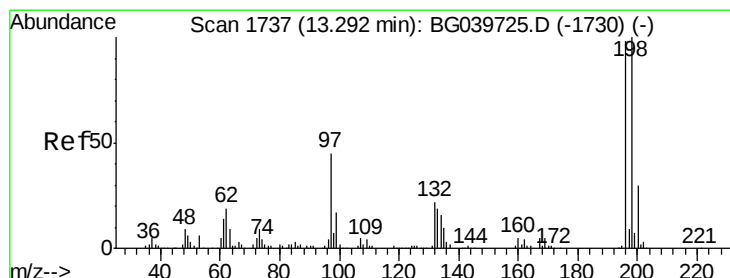
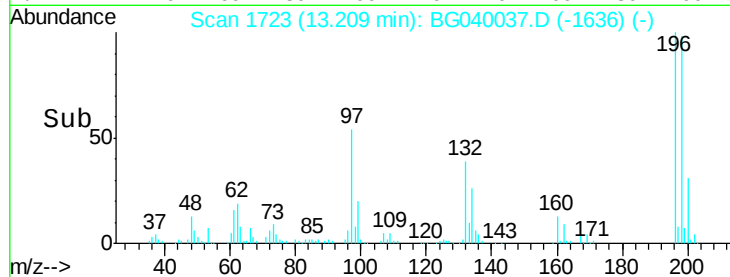
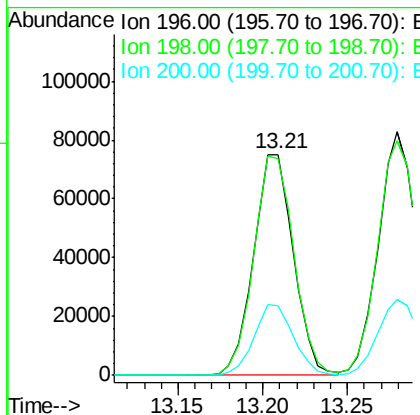
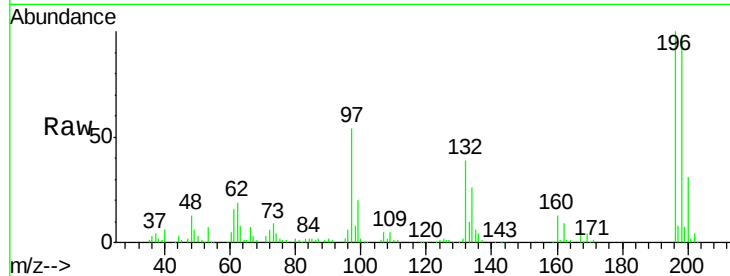




#43
 2,4,6-Trichlorophenol
 Concen: 46.273 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

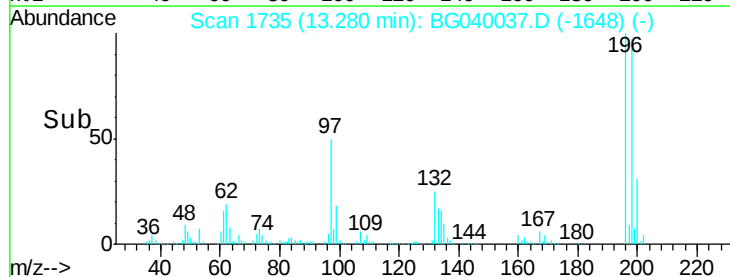
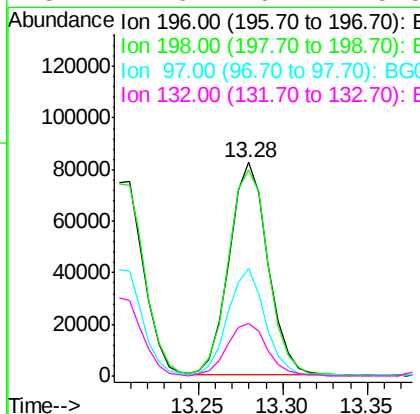
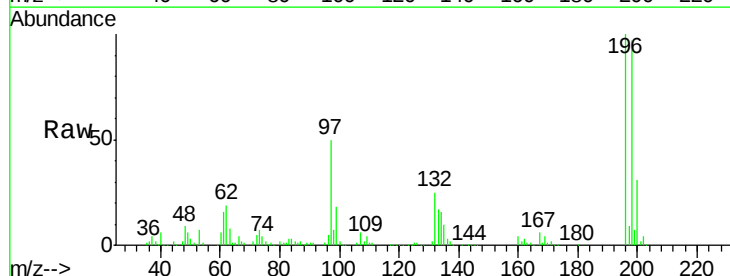
Instrument :
 BNA_G
 ClientSampled :

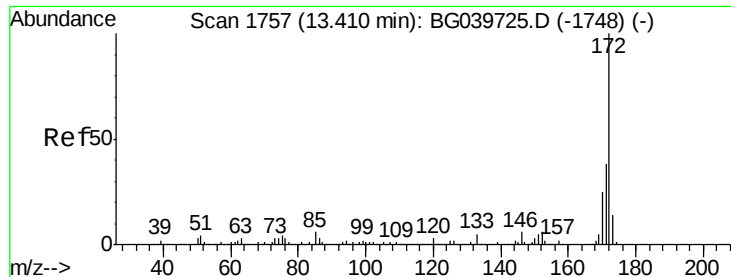
Tot Ion:196 Resp: 122683
 Ion Ratio Lower Upper
 196 100
 198 98.1 80.6 121.0
 200 31.2 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.847 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:196 Resp: 131036
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.5 117.7
 97 50.3 38.4 57.6
 132 24.6 19.2 28.8

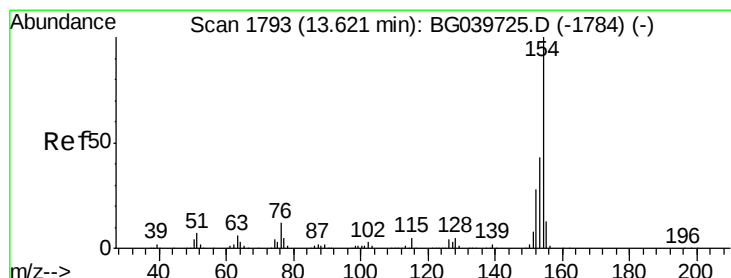
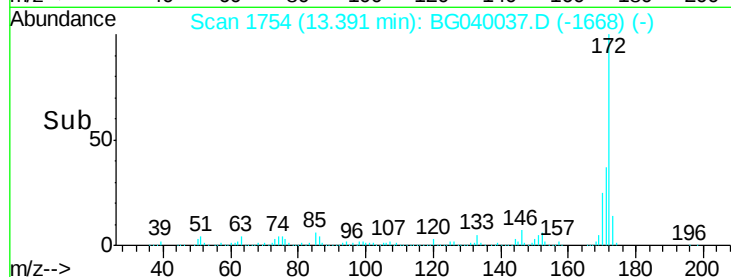
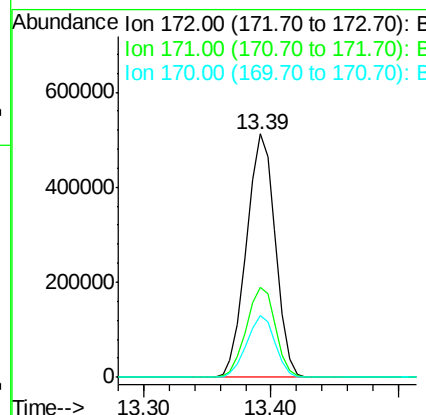
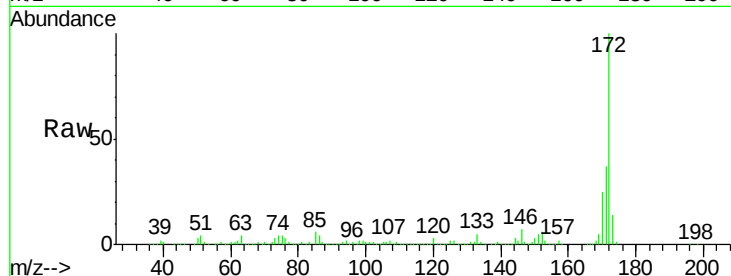




#45
2-Fluorobiphenyl
Concen: 86.066 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

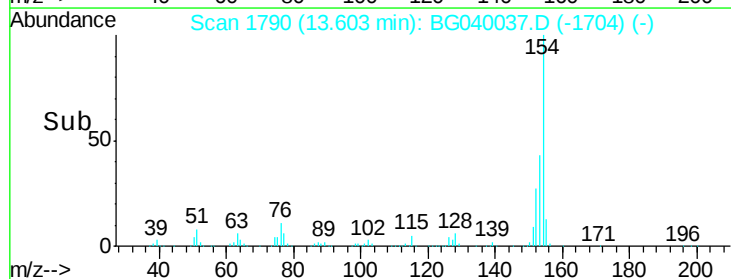
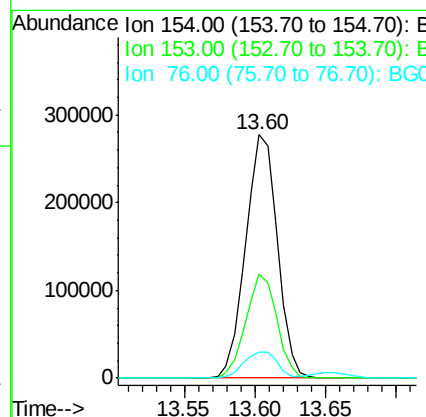
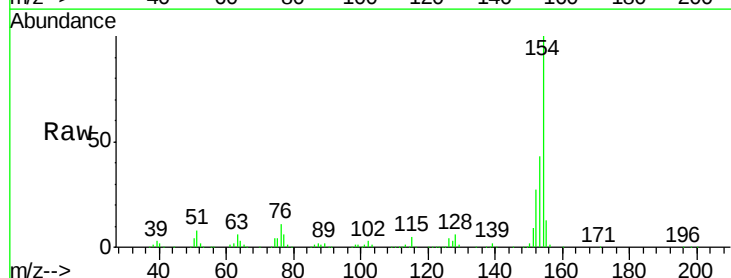
Instrument :
BNA_G
ClientSampleId :

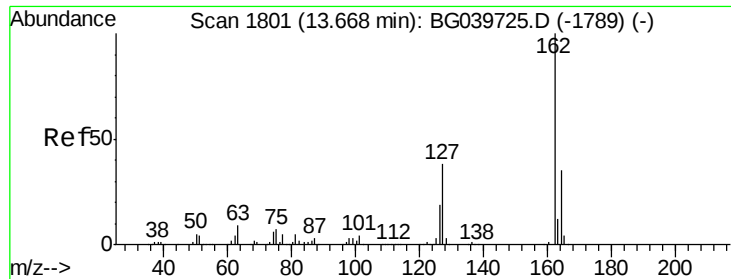
Tot Ion:172 Resp: 808032
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 25.2 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.716 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:154 Resp: 436666
Ion Ratio Lower Upper
154 100
153 42.6 22.1 62.1
76 10.9 0.0 32.4

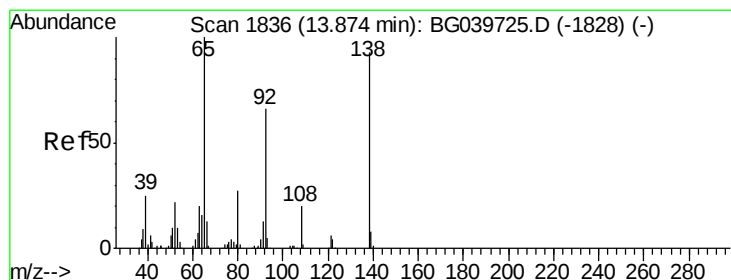
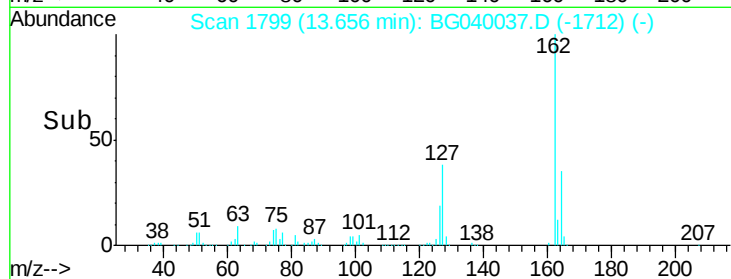
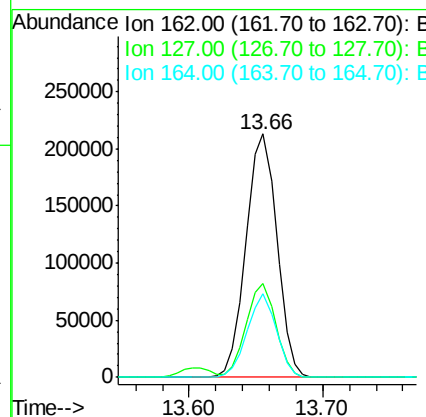
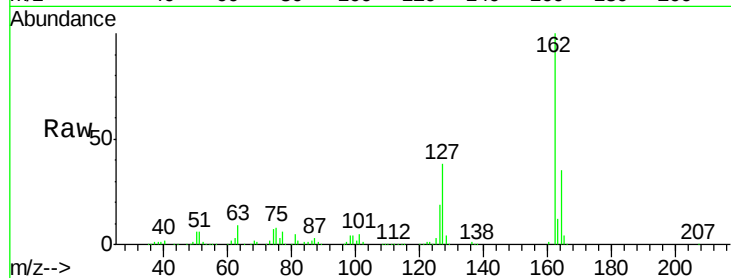




#47
2-Chloronaphthalene
Concen: 41.102 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

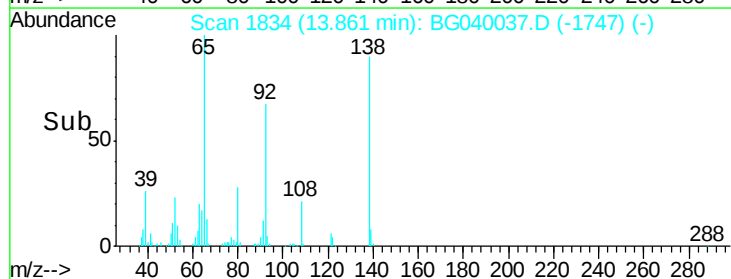
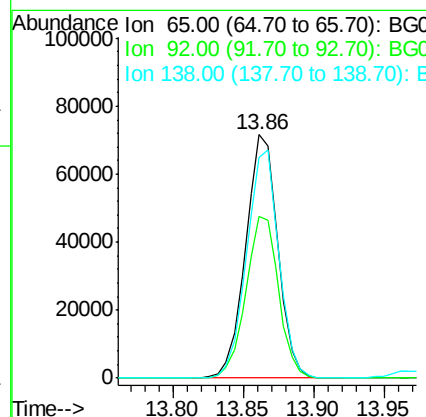
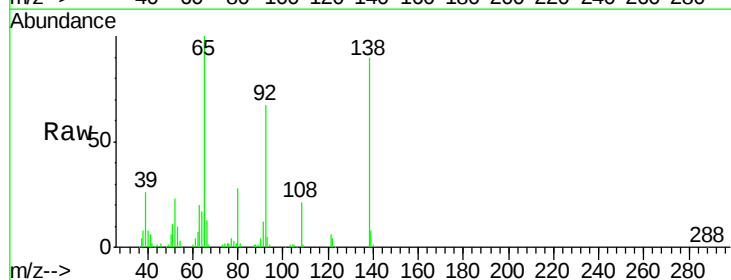
Instrument :
BNA_G
ClientSampled :

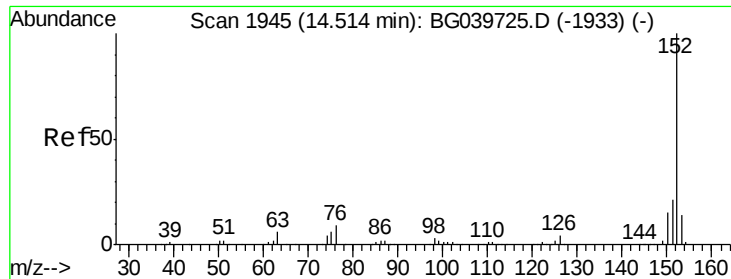
Tot Ion:162 Resp: 339965
Ion Ratio Lower Upper
162 100
127 38.3 31.0 46.6
164 34.6 25.7 38.5



#48
2-Nitroaniline
Concen: 43.011 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion: 65 Resp: 114329
Ion Ratio Lower Upper
65 100
92 66.6 51.4 77.2
138 90.4 71.4 107.2





#49

Acenaphthylene

Concen: 40.256 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

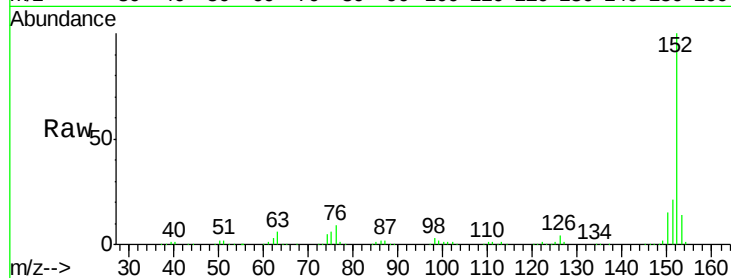
Tot Ion:152 Resp: 546604

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

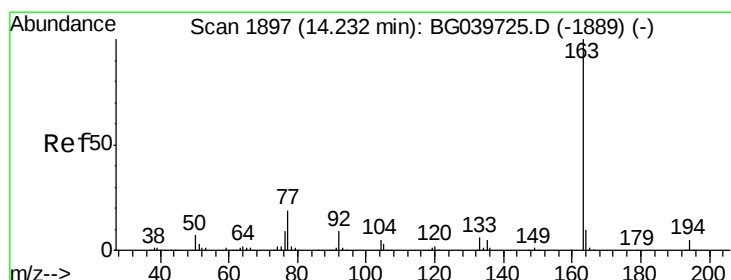
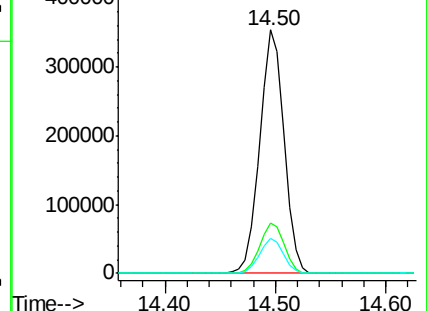
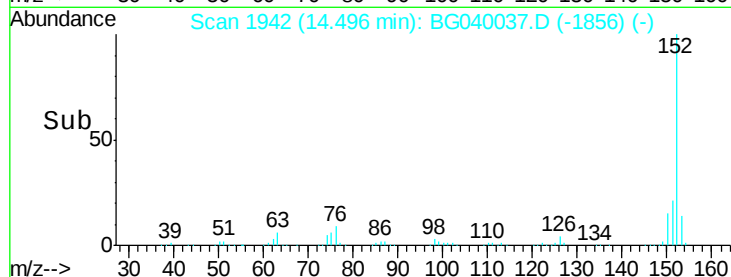
153 14.4 11.7 17.5



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: 41.179 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

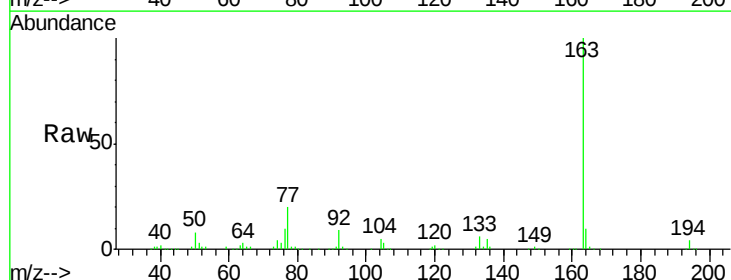
Tgt Ion:163 Resp: 460300

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

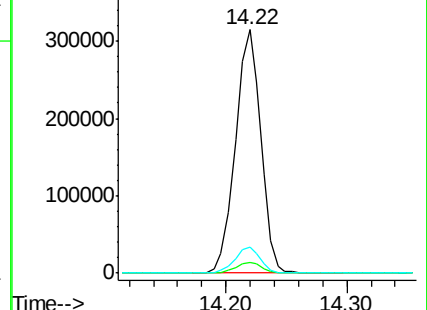
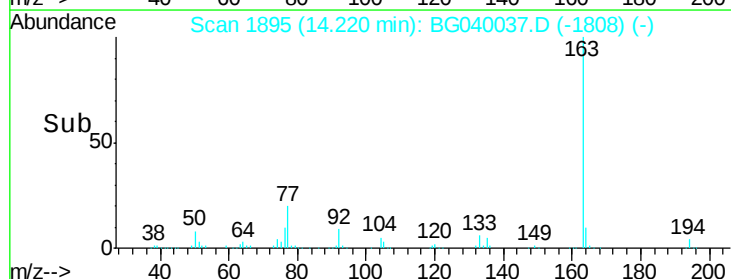
164 10.5 8.4 12.6

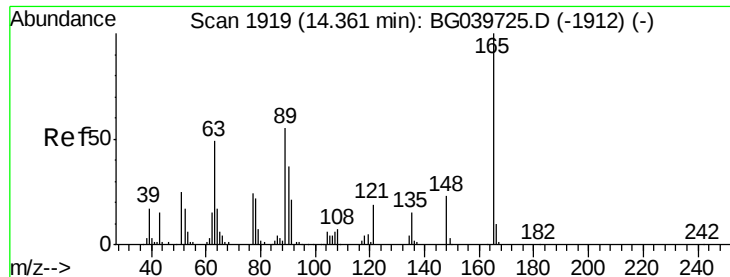


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

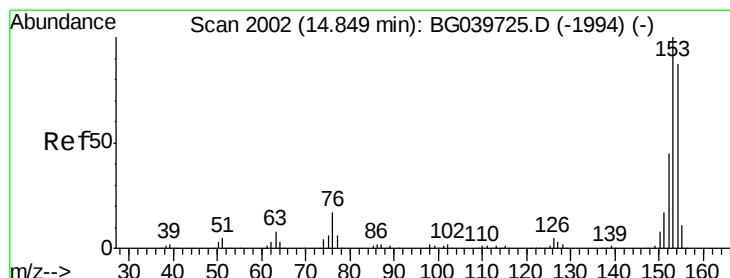
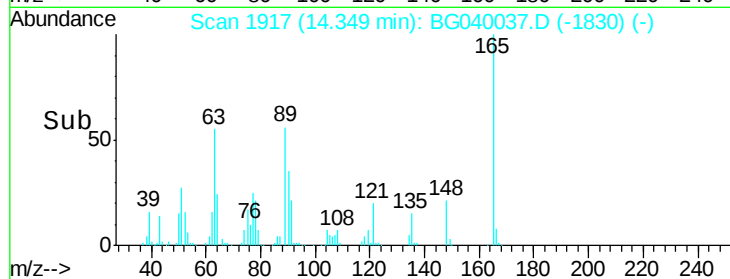
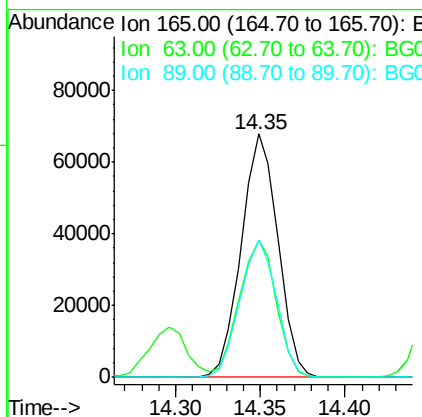
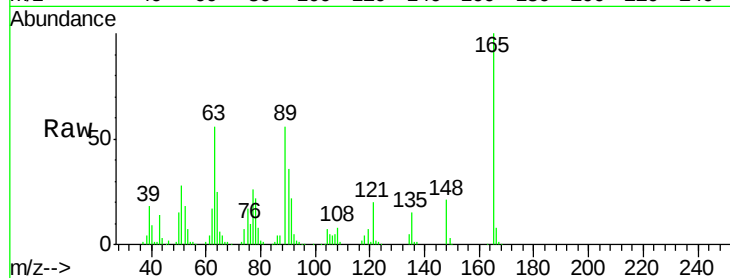




#51
 2,6-Dinitrotoluene
 Concen: 43.241 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

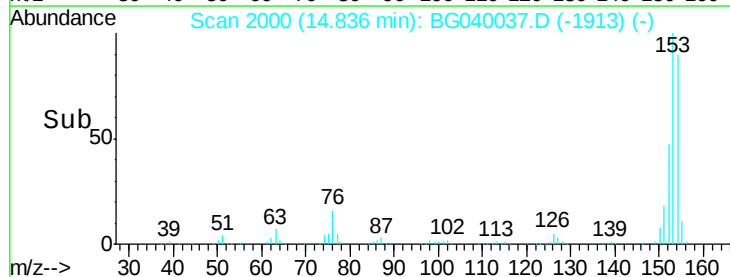
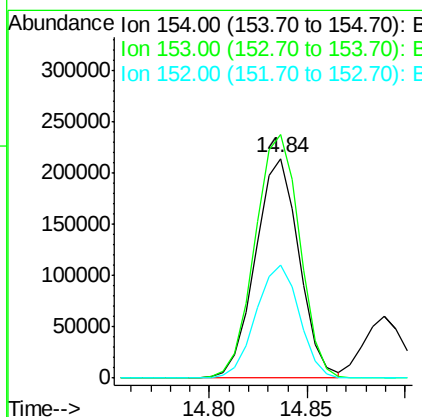
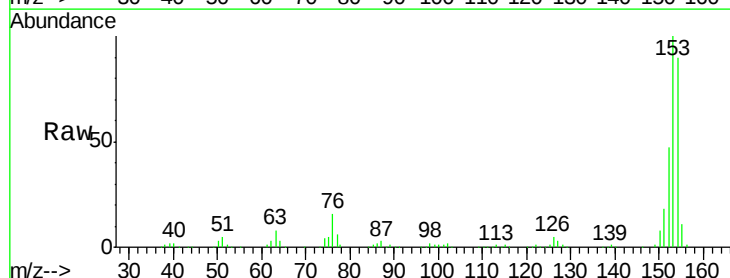
Instrument :
 BNA_G
 ClientSampled :

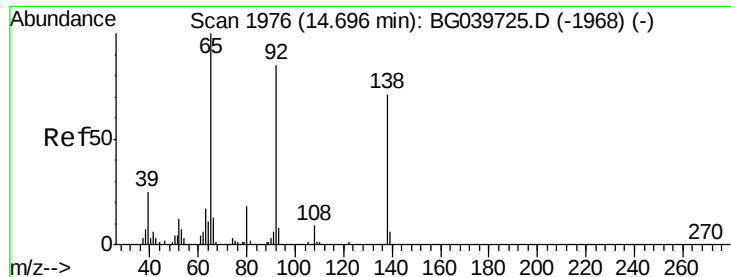
Tot Ion:165 Resp: 102467
 Ion Ratio Lower Upper
 165 100
 63 56.3 47.0 70.6
 89 56.2 45.8 68.8



#52
 Acenaphthene
 Concen: 40.533 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:154 Resp: 331253
 Ion Ratio Lower Upper
 154 100
 153 110.8 90.1 135.1
 152 51.7 40.9 61.3

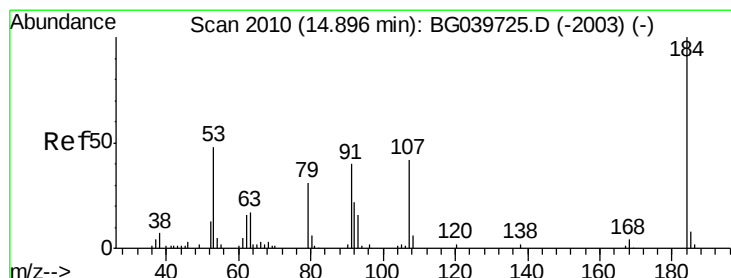
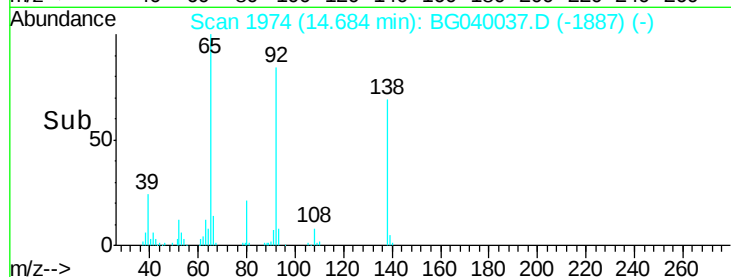
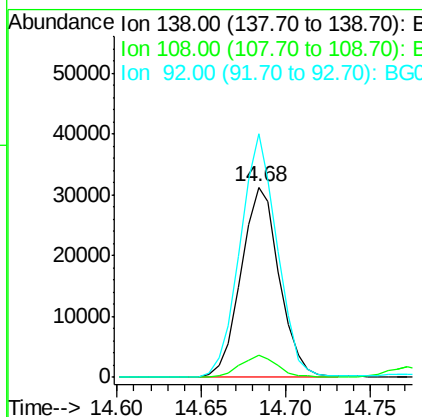
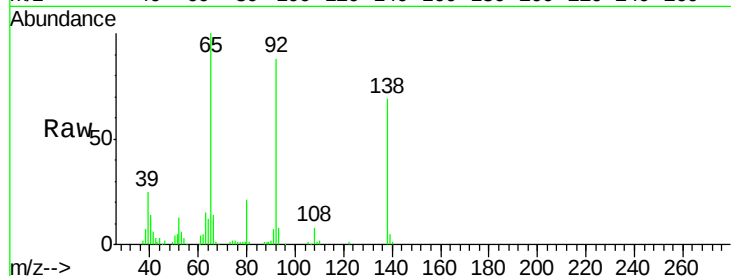




#53
 3-Nitroaniline
 Concen: 20.719 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

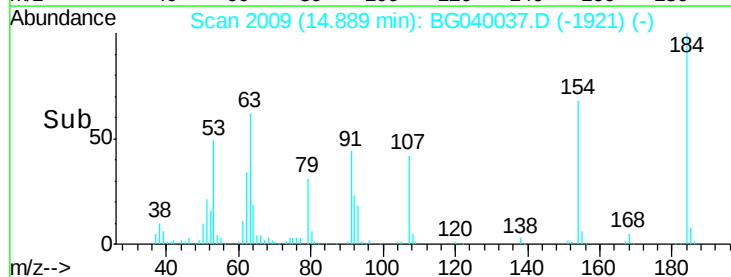
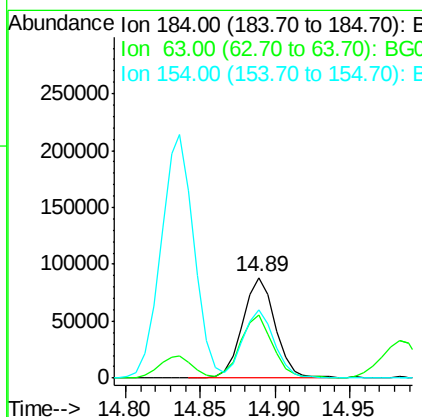
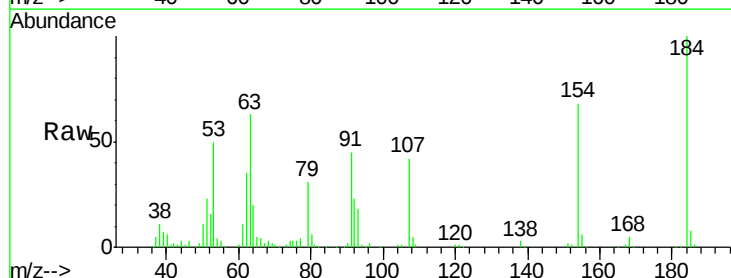
Instrument :
 BNA_G
 ClientSampleId :

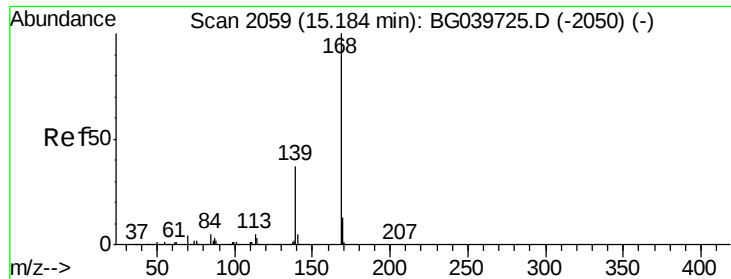
Tot Ion:138 Resp: 49354
 Ion Ratio Lower Upper
 138 100
 108 11.4 13.8 20.8#
 92 127.9 103.7 155.5



#54
 2,4-Dinitrophenol
 Concen: 88.509 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:184 Resp: 133161
 Ion Ratio Lower Upper
 184 100
 63 63.4 50.9 76.3
 154 67.8 53.0 79.6

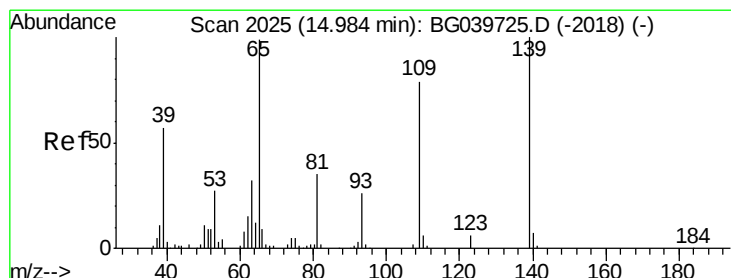
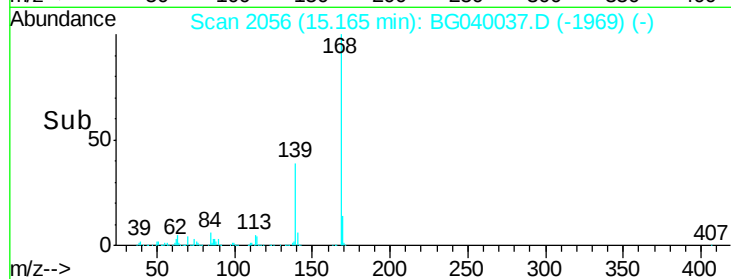
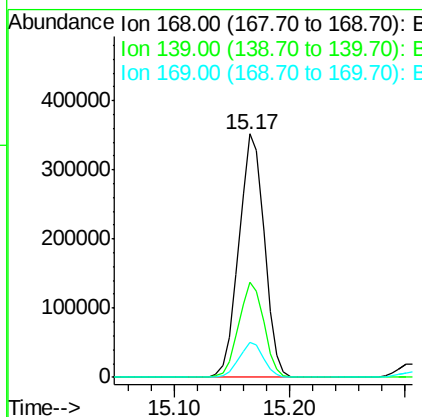
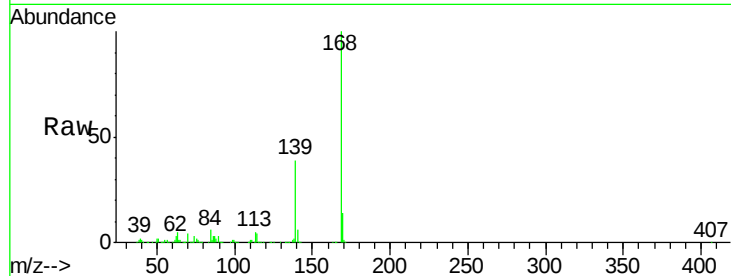




#55
Dibenzofuran
Concen: 40.037 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

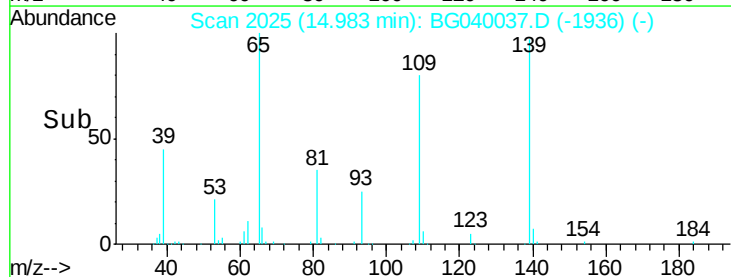
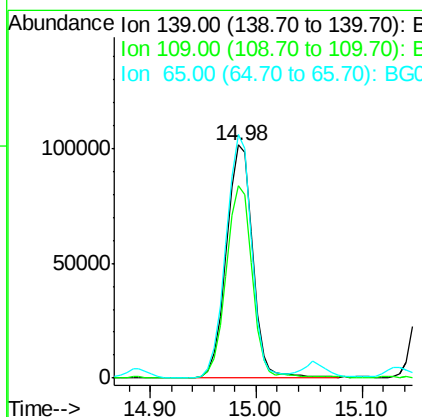
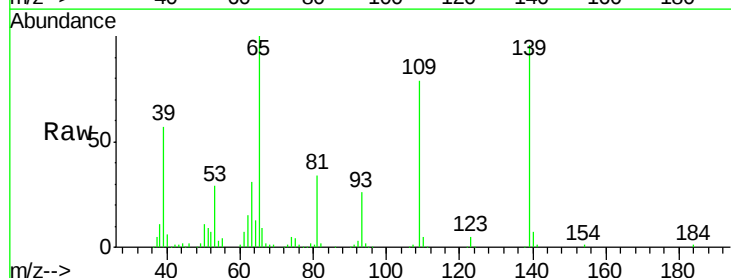
Instrument :
BNA_G
ClientSampleId :

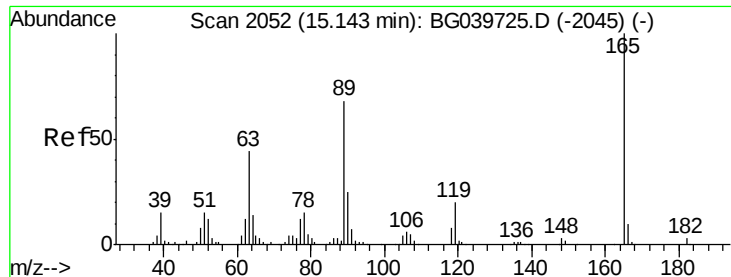
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.3	10.6	16.0



#56
4-Nitrophenol
Concen: 82.202 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.7	61.9	101.9
65	104.4	99.1	139.1

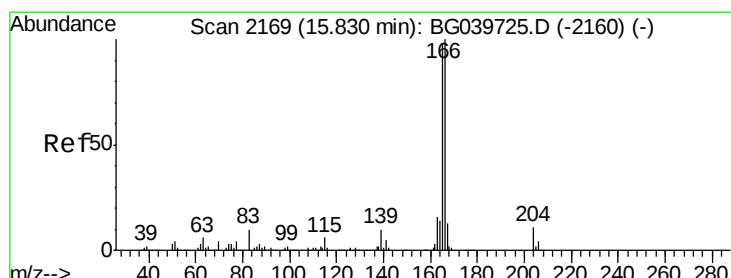
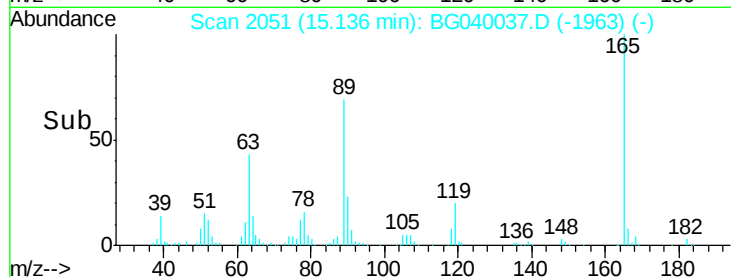
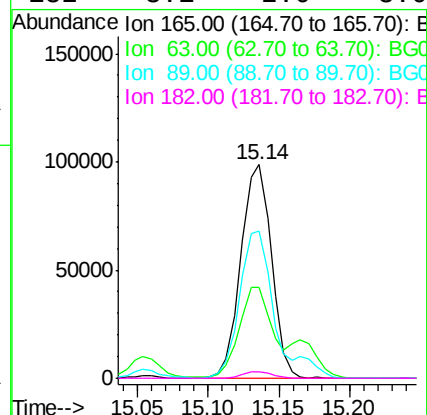
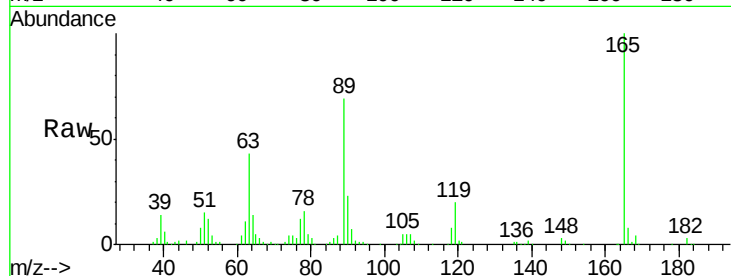




#57
2,4-Dinitrotoluene
Concen: 44.881 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

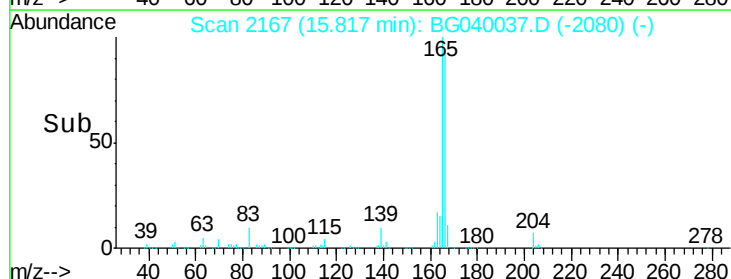
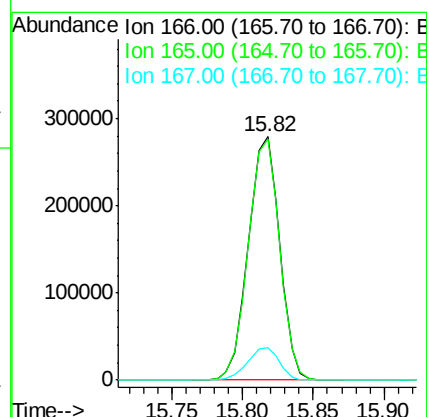
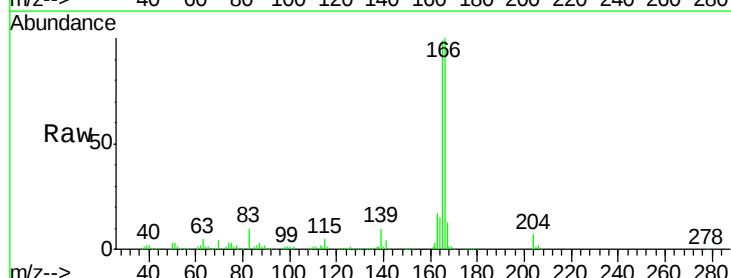
Instrument :
BNA_G
ClientSampleId :

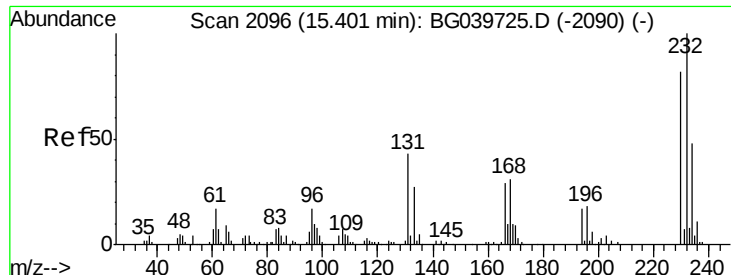
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	41.0	61.6
89	68.7	64.6	96.8
182	3.1	2.0	3.0#



#58
Fluorene
Concen: 41.215 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	13.3	10.8	16.2

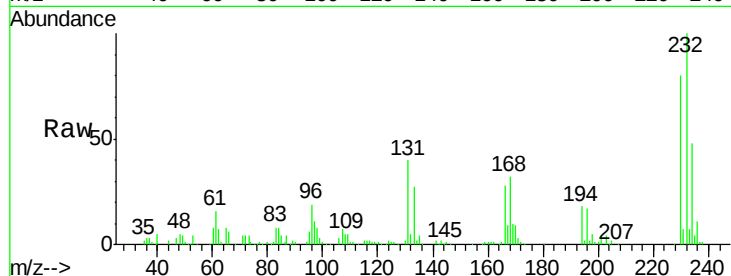




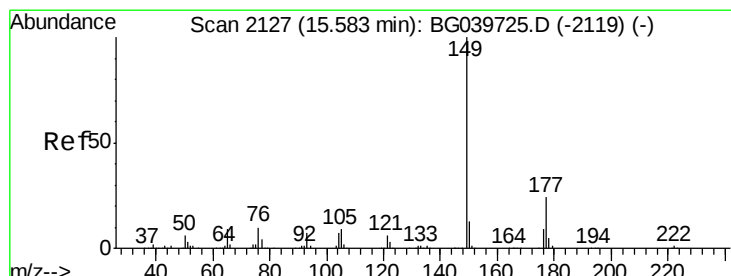
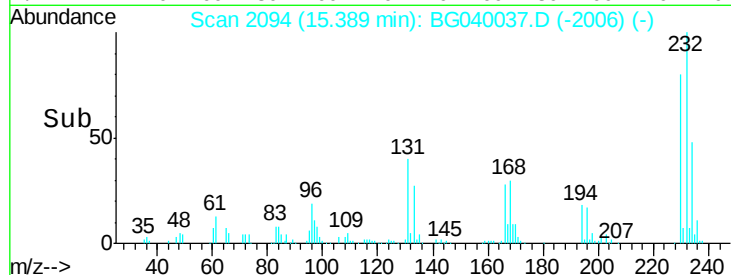
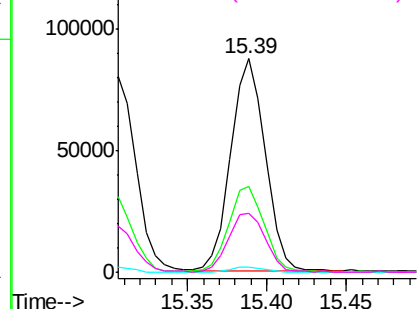
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.168 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 131828
Ion Ratio Lower Upper
232 100
131 41.6 34.9 52.3
130 2.4 2.0 3.0
166 29.4 24.1 36.1

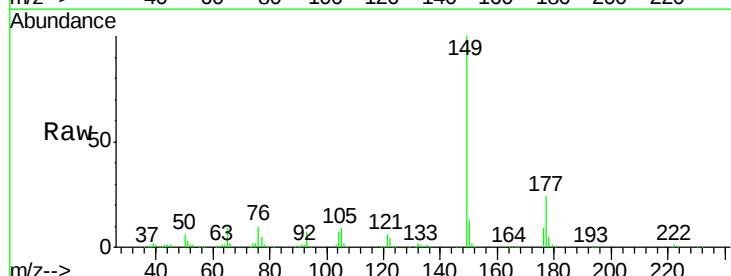


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

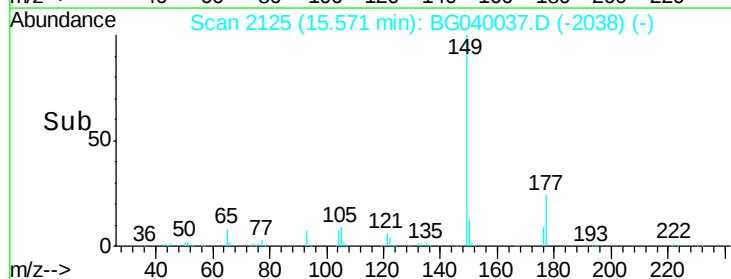
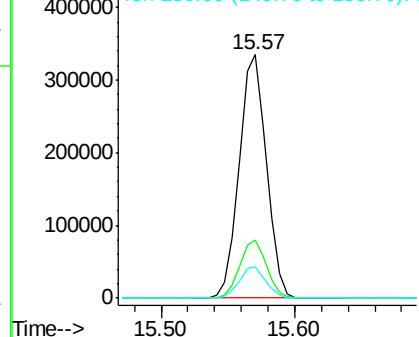


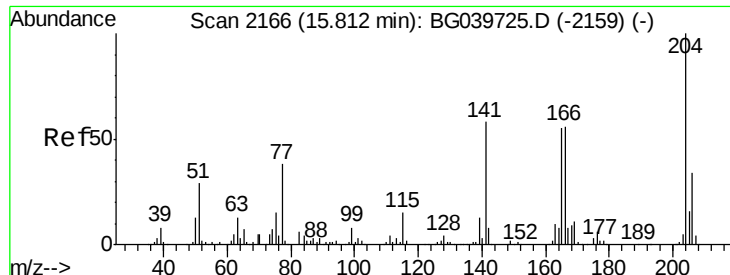
#60
Diethylphthalate
Concen: 42.693 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:149 Resp: 472416
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.7 10.2 15.2



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

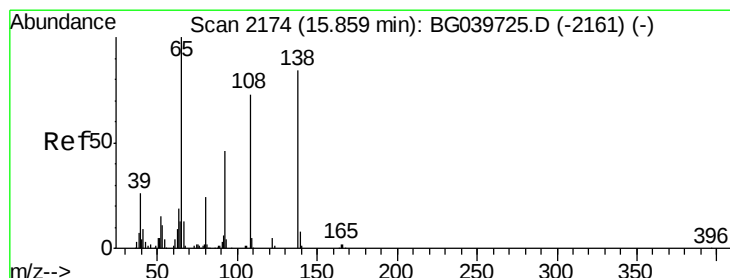
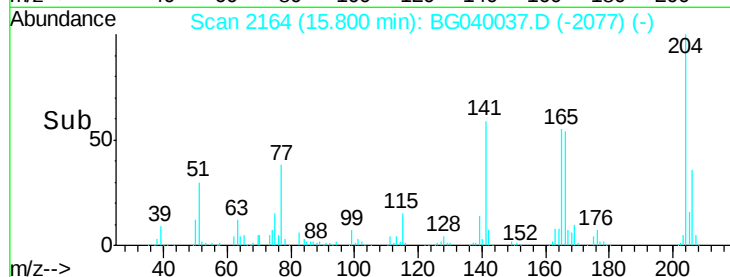
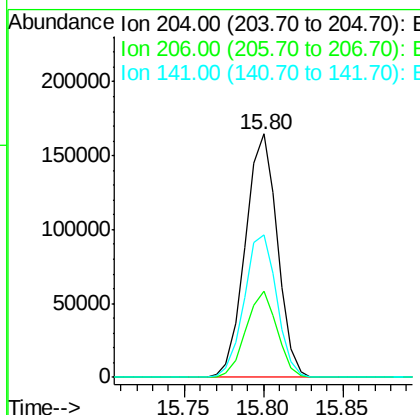
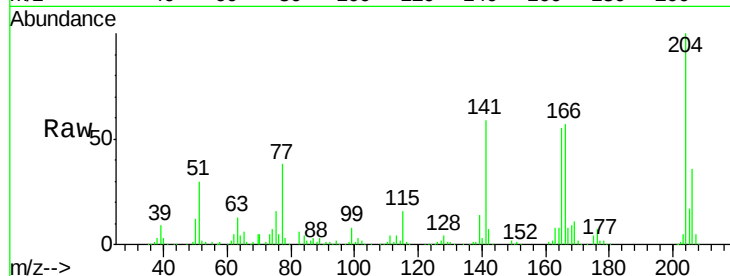




#61
4-Chlorophenyl-phenylether
Concen: 41.072 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

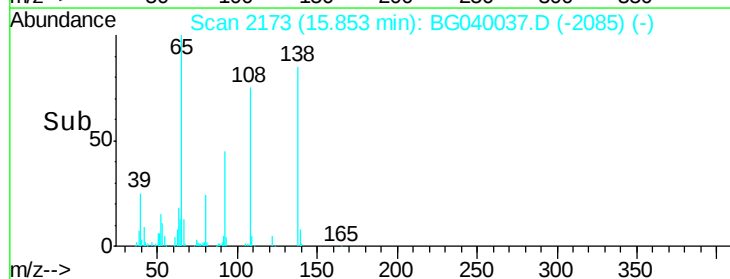
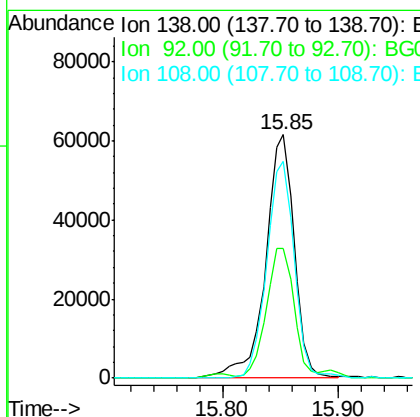
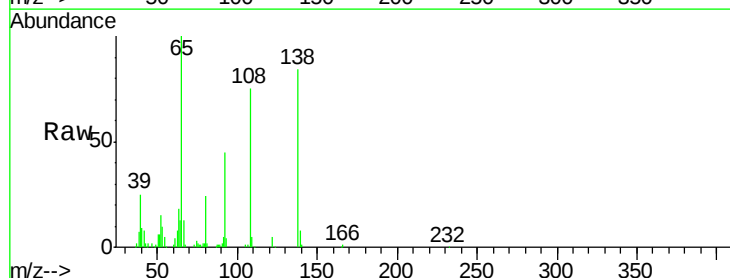
Instrument :
BNA_G
ClientSampled :

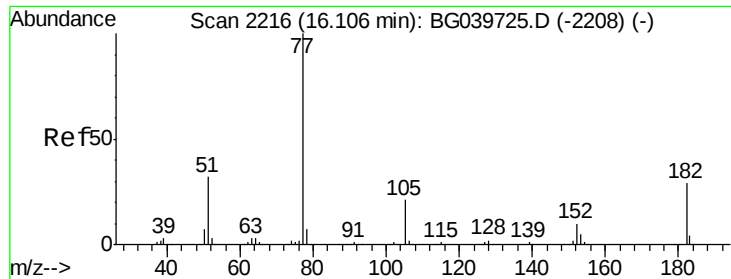
Tot Ion:204 Resp: 231023
Ion Ratio Lower Upper
204 100
206 35.6 29.2 43.8
141 58.8 49.0 73.4



#62
4-Nitroaniline
Concen: 41.340 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:138 Resp: 106755
Ion Ratio Lower Upper
138 100
92 53.2 38.7 78.7
108 88.8 74.6 114.6





#63

Azobenzene

Concen: 41.722 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 418490

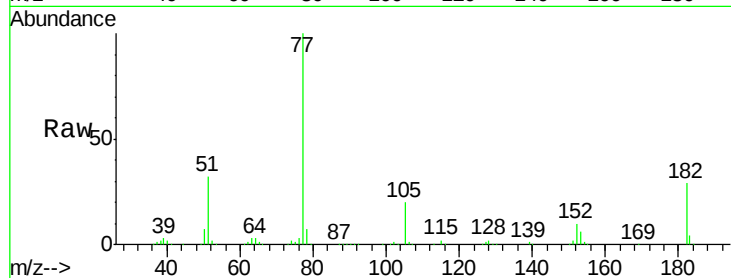
Ion Ratio Lower Upper

77 100

182 29.3 6.4 46.4

105 19.9 0.0 39.8

51 32.1 14.1 54.1

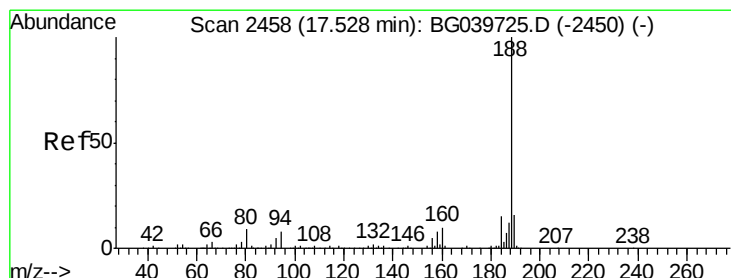
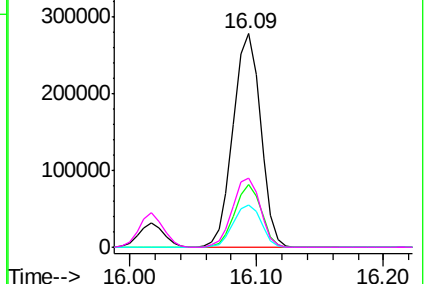
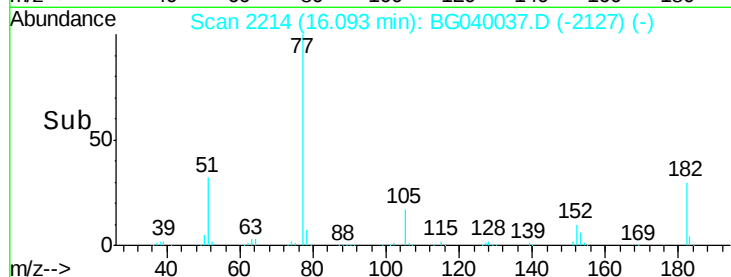


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

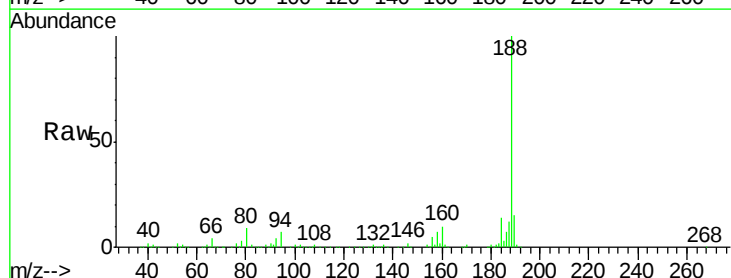
Tgt Ion: 188 Resp: 318789

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

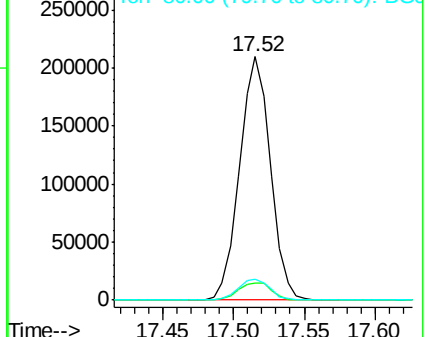
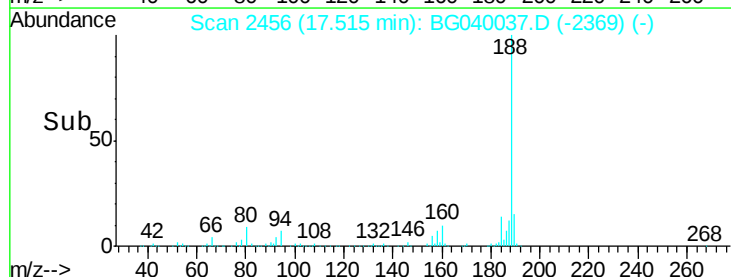
80 8.8 8.1 12.1

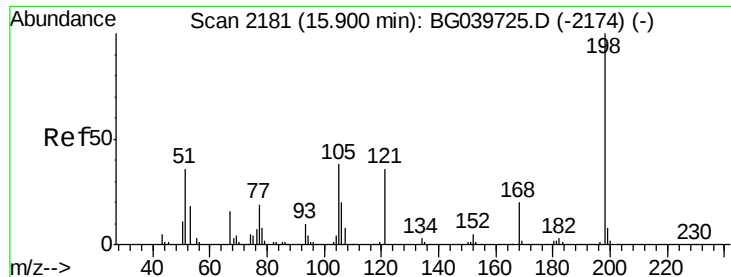


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

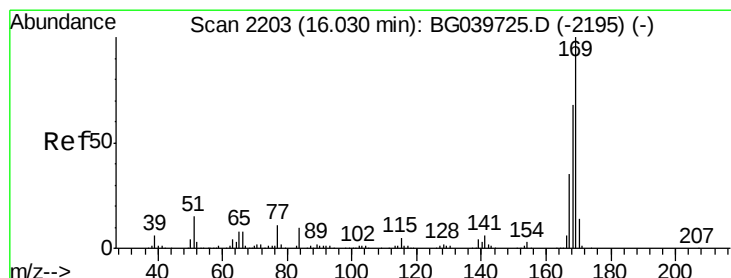
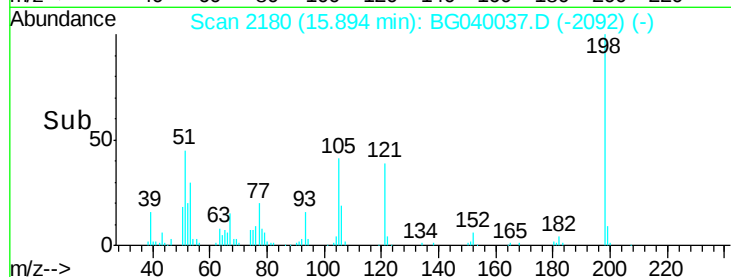
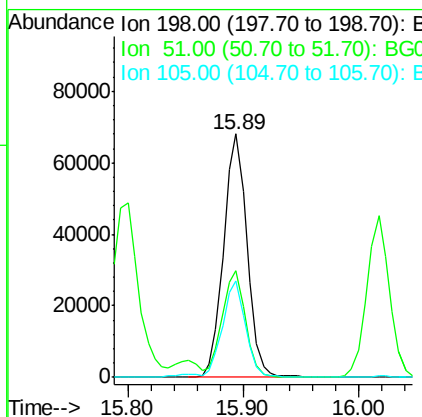
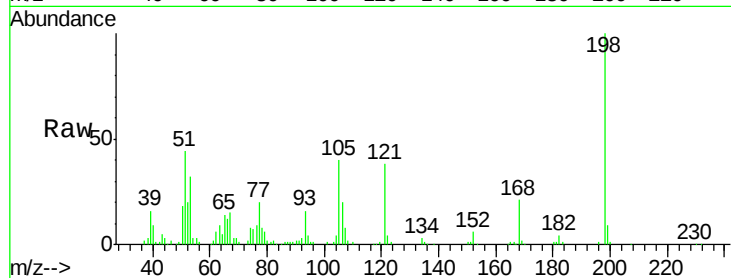




#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.865 ng
 RT: 15.89 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

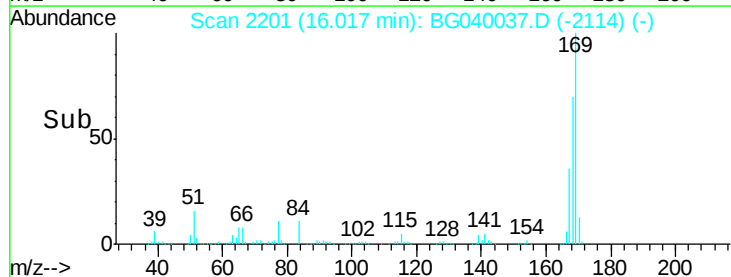
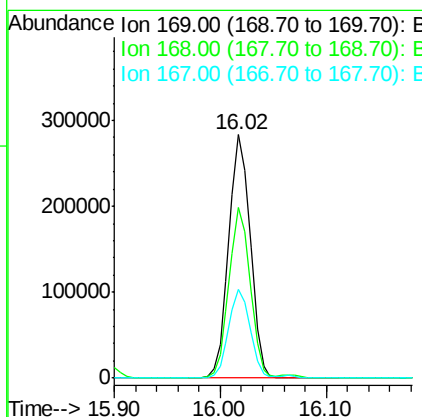
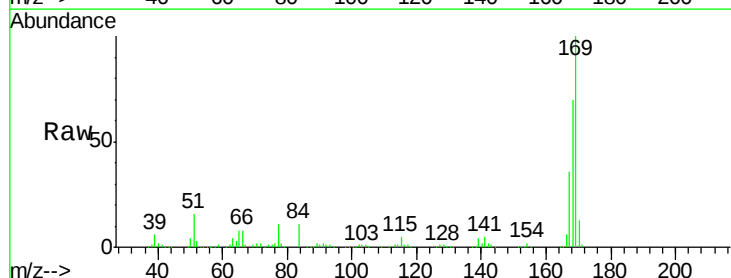
Instrument :
 BNA_G
 ClientSampleId :

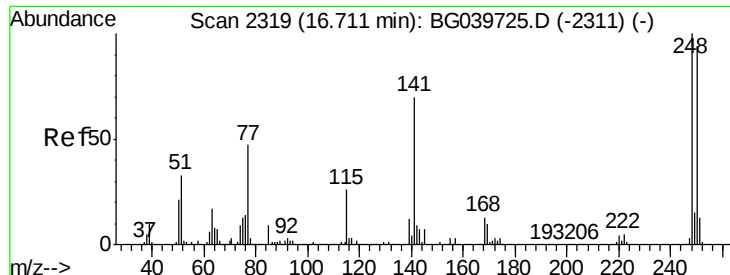
Tot Ion:198 Resp: 95875
 Ion Ratio Lower Upper
 198 100
 51 43.9 27.4 67.4
 105 39.5 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 43.281 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:169 Resp: 399439
 Ion Ratio Lower Upper
 169 100
 168 69.9 56.6 85.0
 167 36.5 28.8 43.2

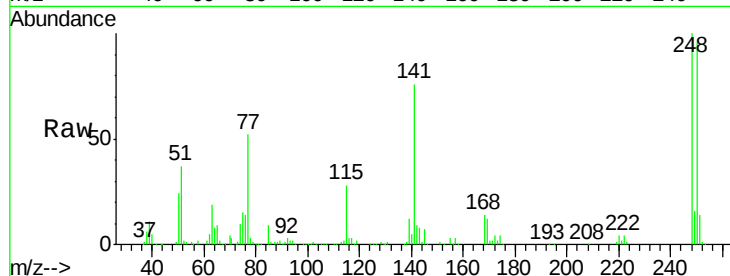




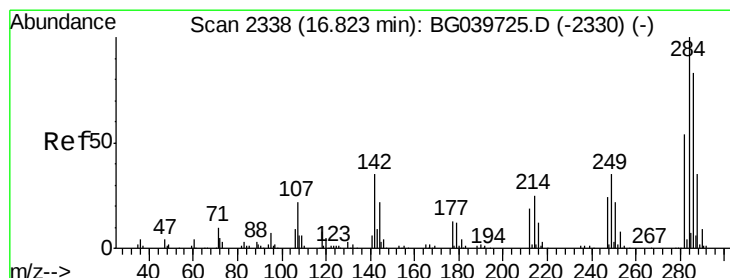
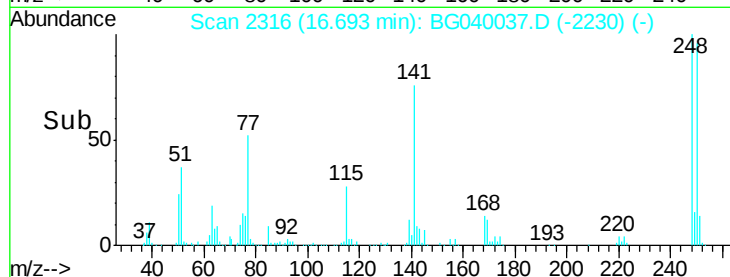
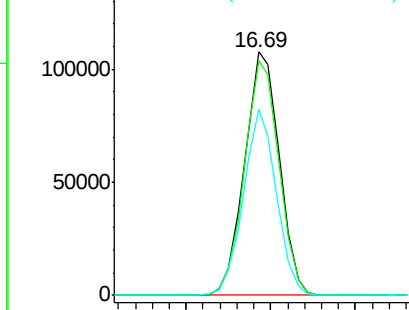
#67
4-Bromophenyl-phenylether
Concen: 43.129 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 153897
Ion Ratio Lower Upper
248 100
250 96.3 77.6 116.4
141 76.4 63.9 95.9

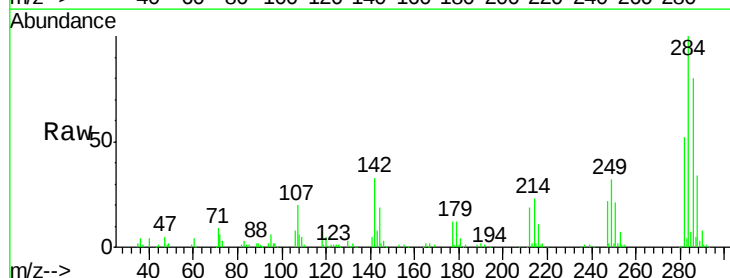


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

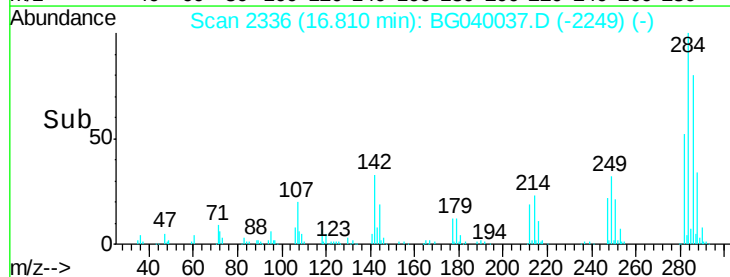
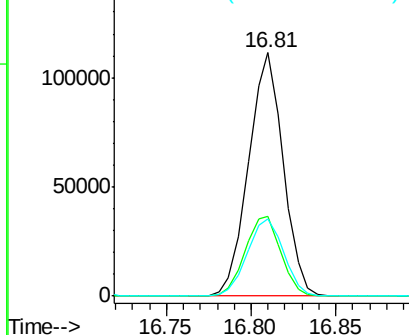


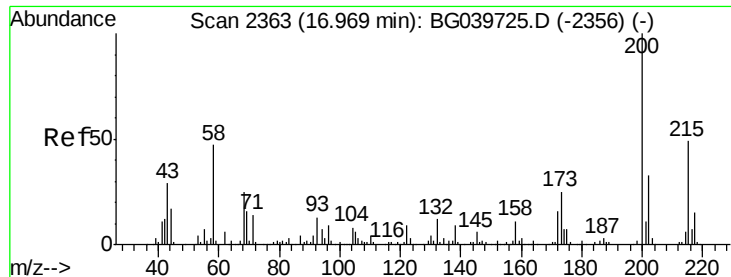
#68
Hexachlorobenzene
Concen: 43.036 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:284 Resp: 159182
Ion Ratio Lower Upper
284 100
142 32.8 30.6 45.8
249 32.0 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

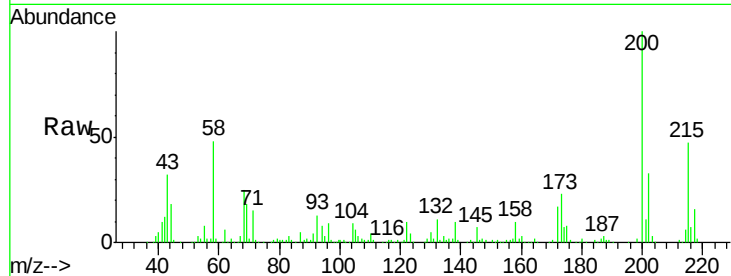




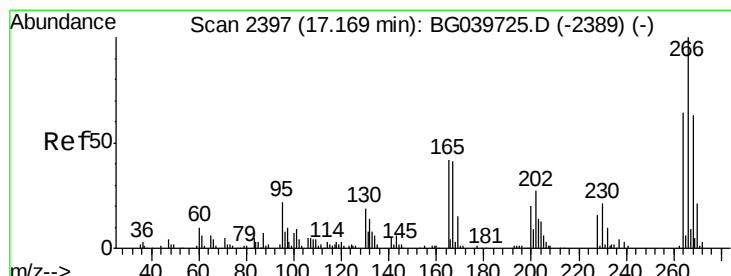
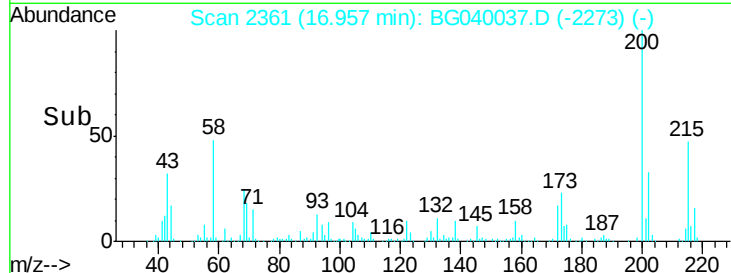
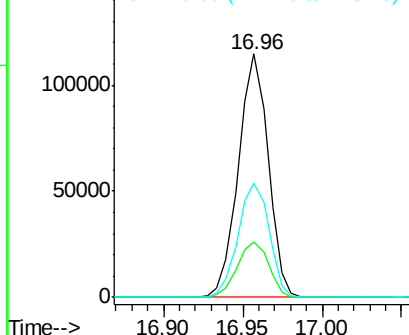
#69
 Atrazine
 Concen: 41.308 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.9	43.9
215	46.8	30.9	70.9

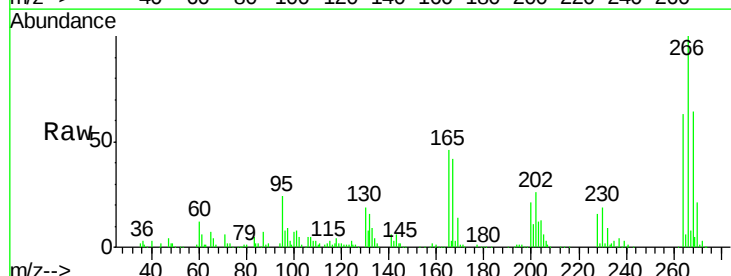


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

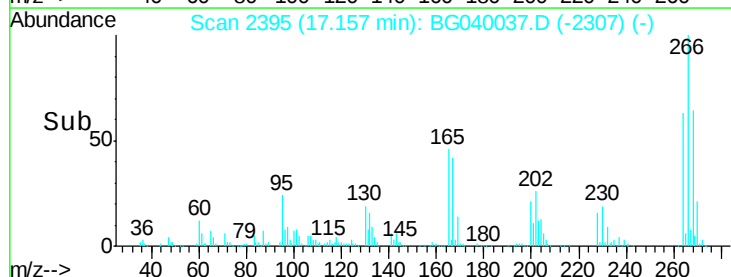
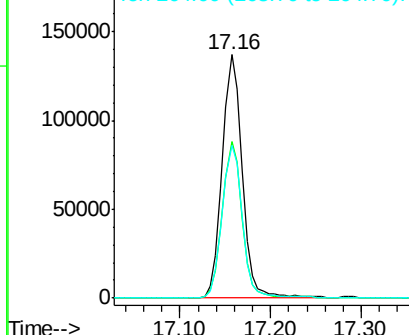


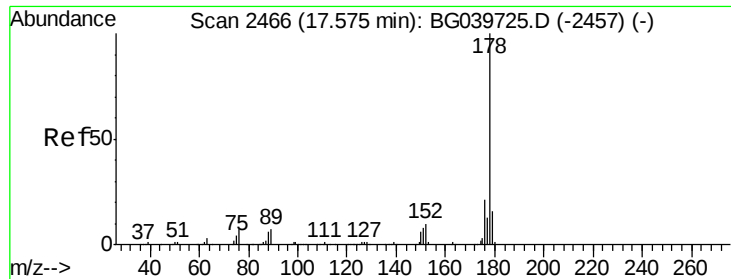
#70
 Pentachlorophenol
 Concen: 90.320 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	62.9	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

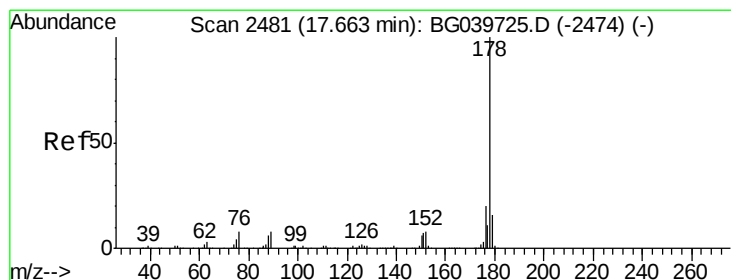
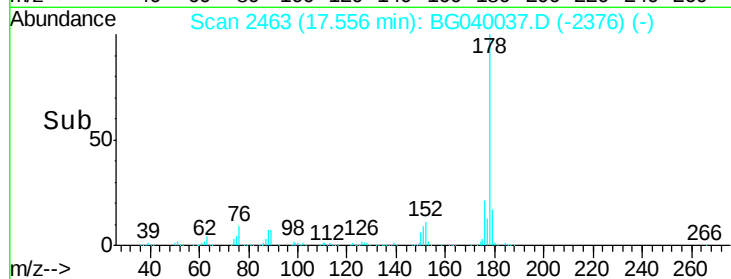
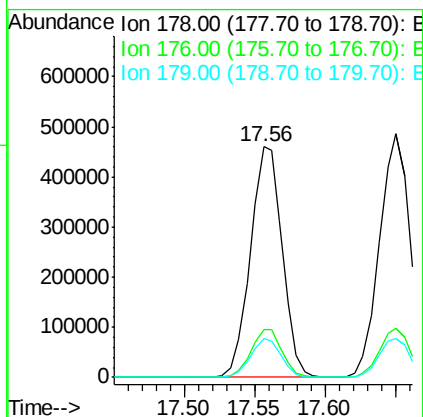
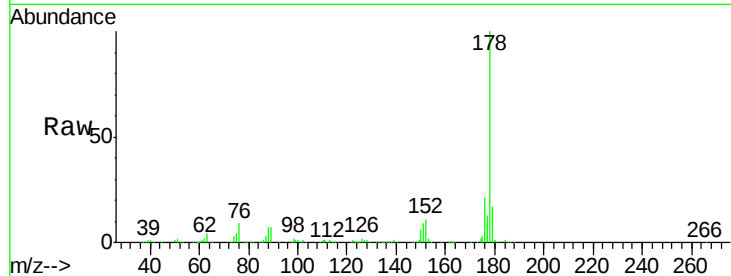




#71
Phenanthrene
Concen: 41.474 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

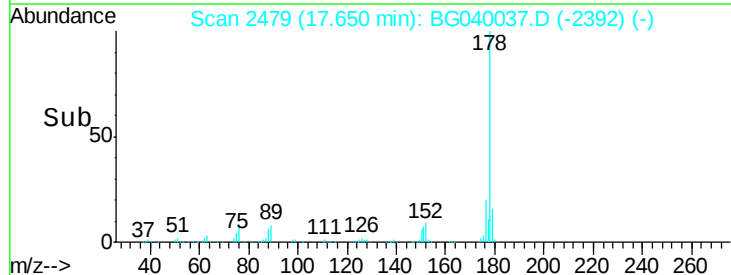
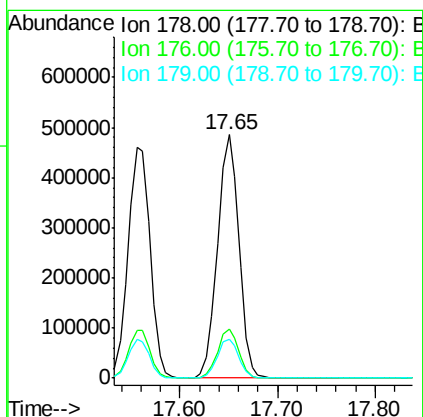
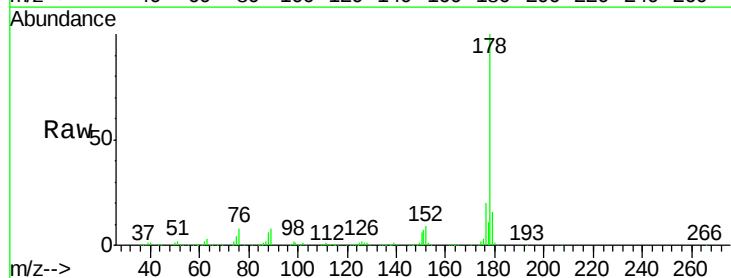
Instrument :
BNA_G
ClientSampleId :

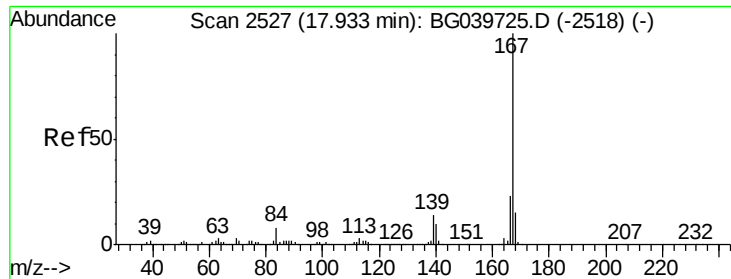
Tot Ion:178 Resp: 728261
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.6 12.6 19.0



#72
Anthracene
Concen: 42.954 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion:178 Resp: 735006
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.0 12.5 18.7

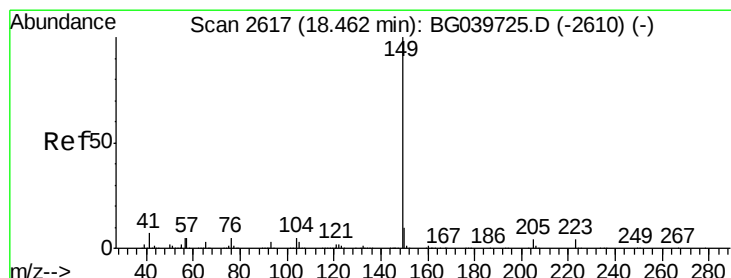
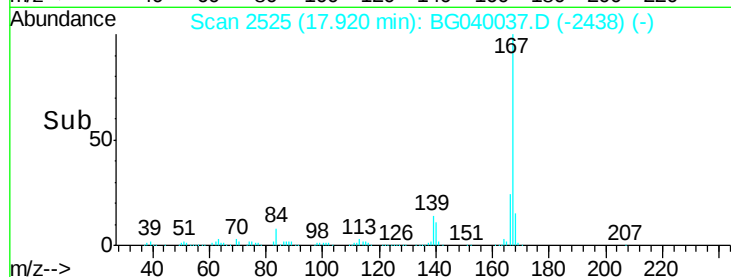
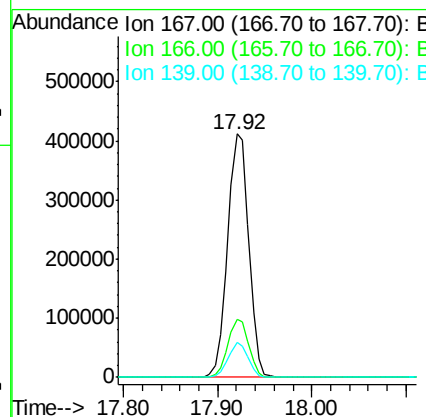
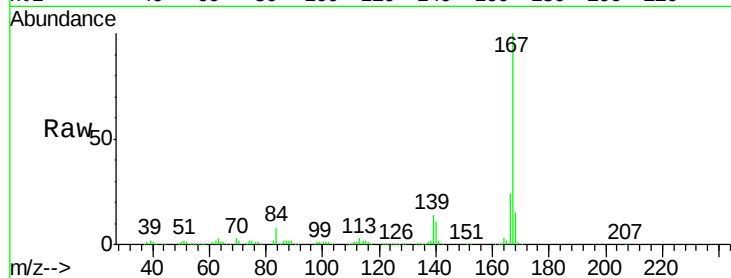




#73
 Carbazole
 Concen: 41.721 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

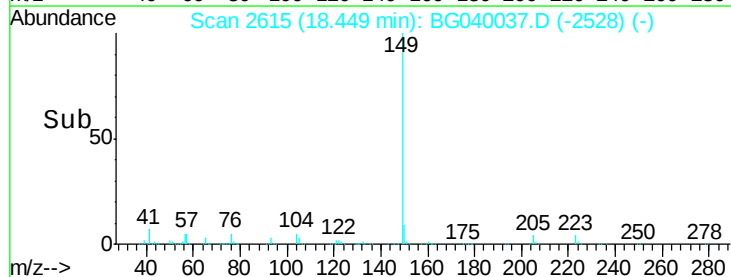
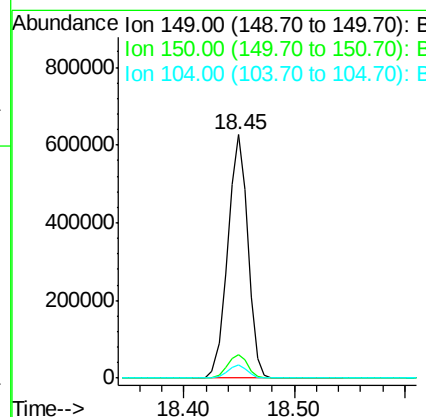
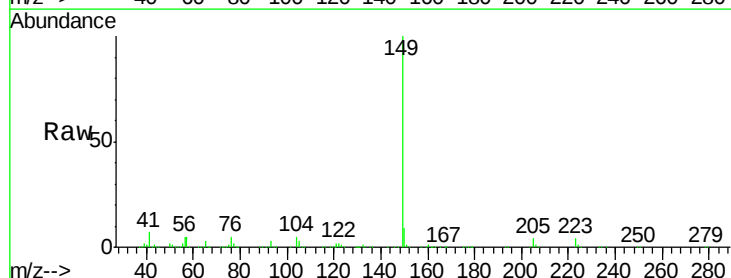
Instrument :
 BNA_G
 ClientSampleId :

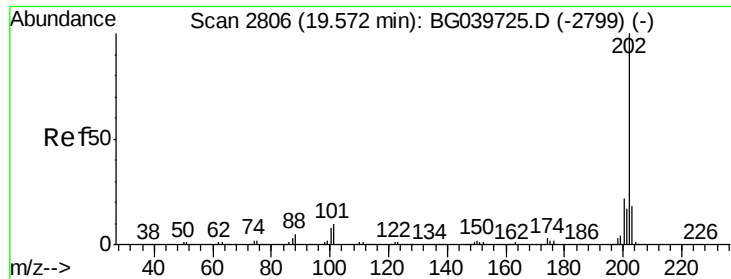
Tot Ion:167 Resp: 643592
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.4 29.2
 139 14.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.931 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:149 Resp: 797332
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 41.796 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

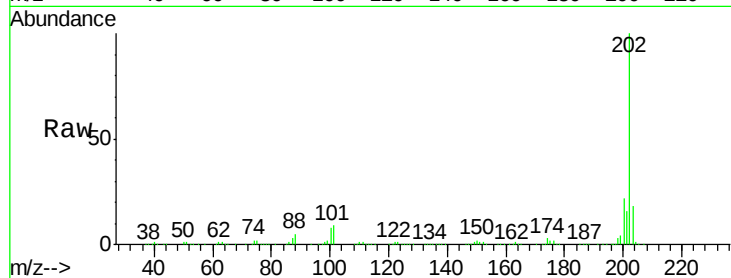
Tot Ion:202 Resp: 867353

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

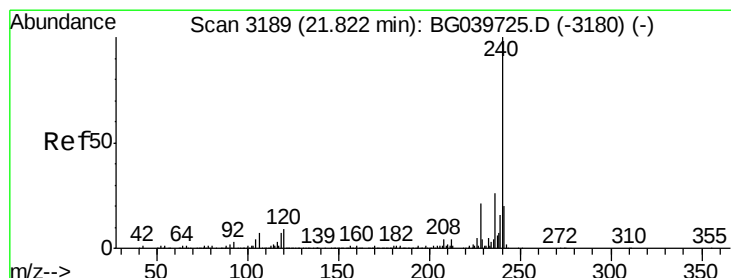
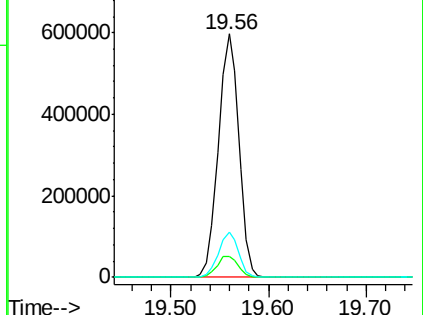
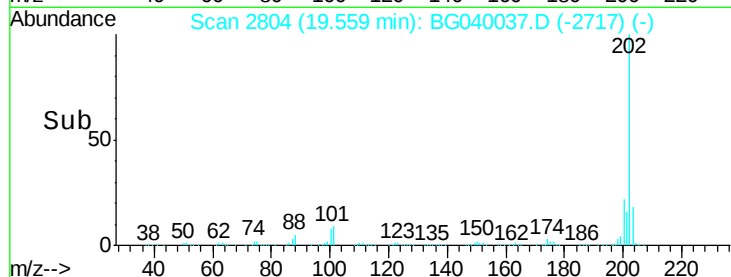
203 18.5 0.0 38.9



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# 3186

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

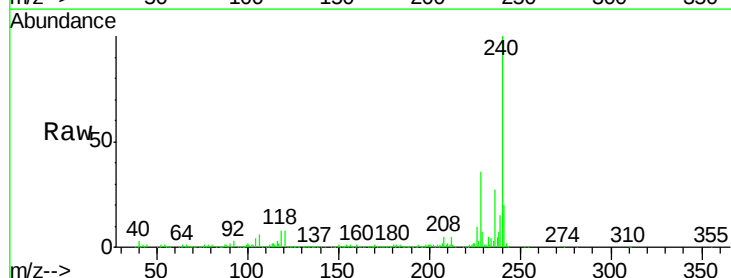
Tgt Ion:240 Resp: 306179

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

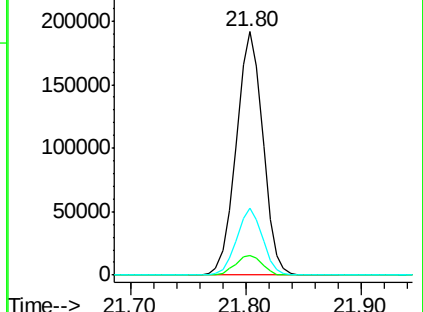
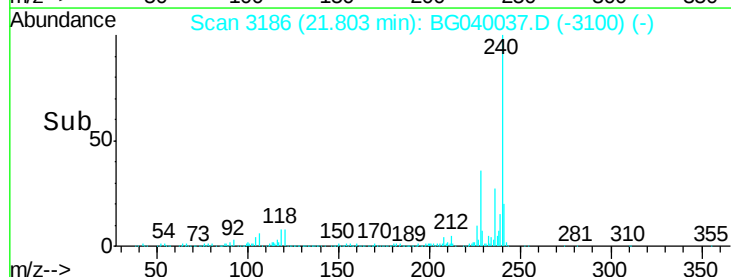
236 27.3 21.0 31.4

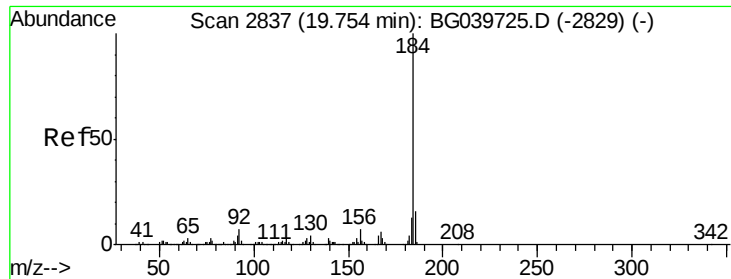


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.003 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Instrument :

BNA_G

ClientSampleId :

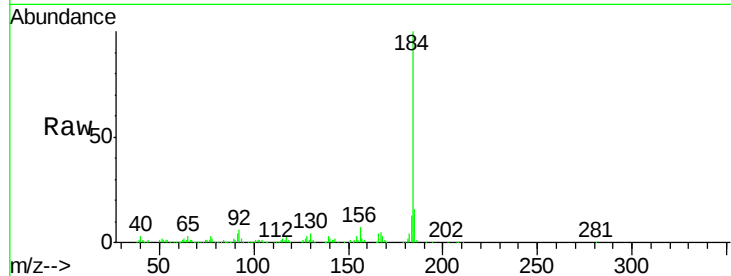
Tot Ion:184 Resp: 272074

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

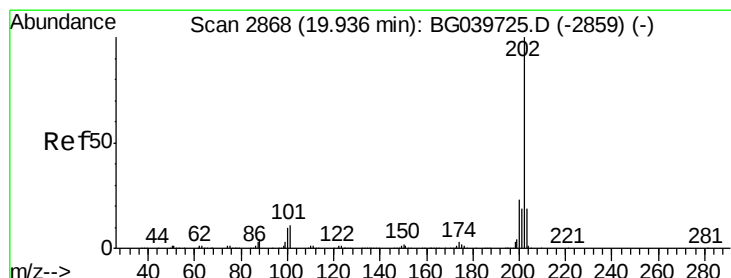
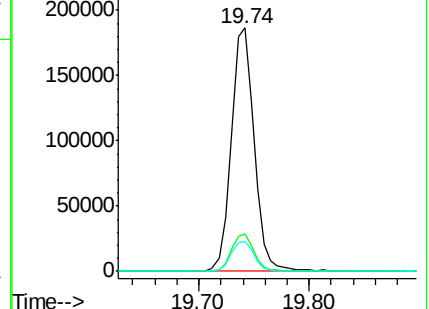
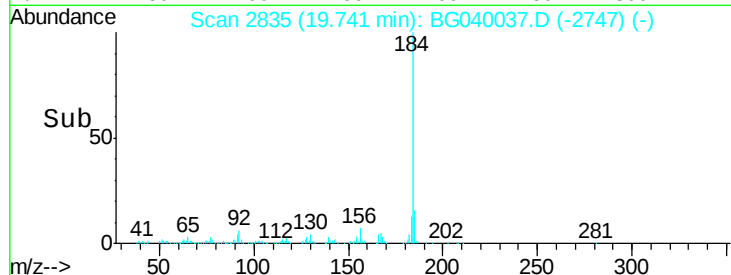
183 12.5 10.6 15.8



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: 43.534 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

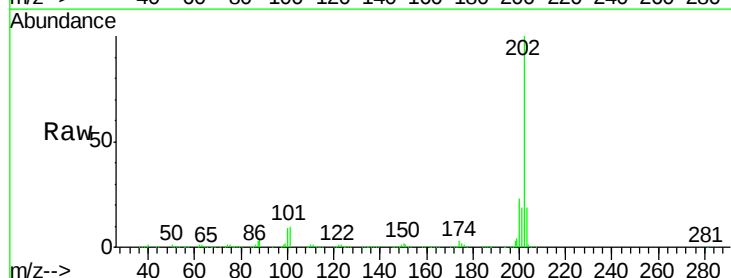
Tgt Ion:202 Resp: 866133

Ion Ratio Lower Upper

202 100

200 23.2 17.8 26.8

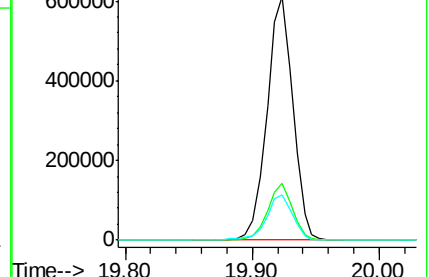
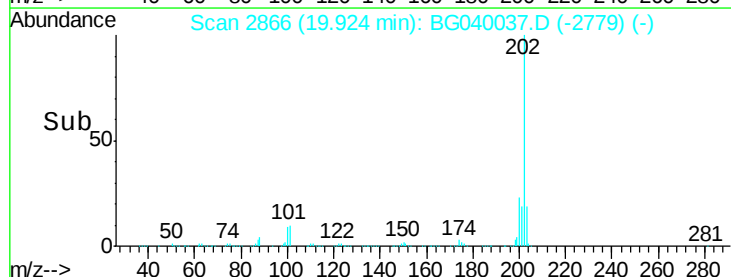
203 18.7 15.3 22.9

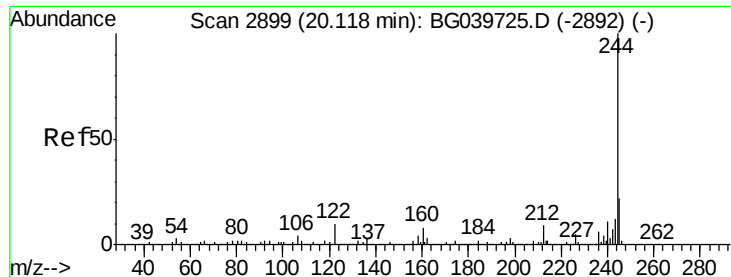


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.412 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

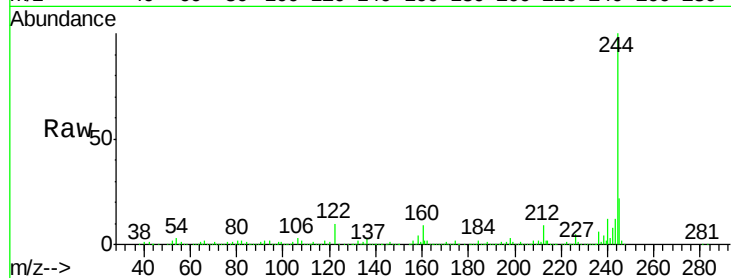
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1257249

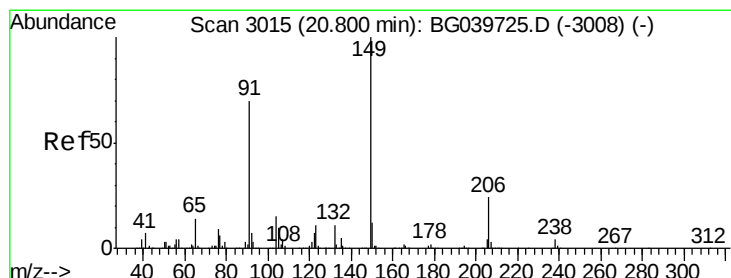
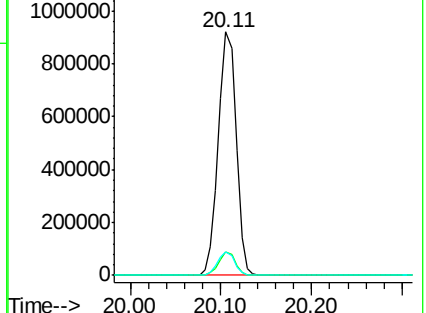
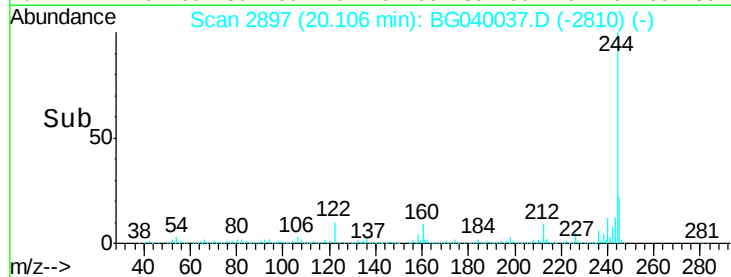
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	9.6	8.4	12.6



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: 46.580 ng

RT: 20.79 min Scan# 3013

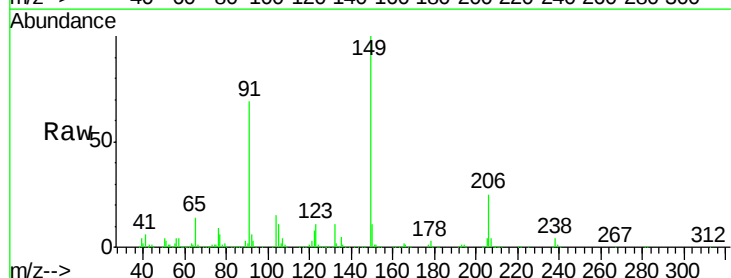
Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Tgt Ion:149 Resp: 359043

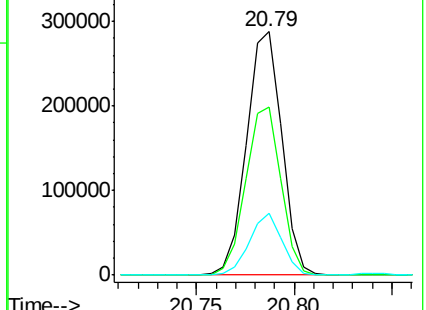
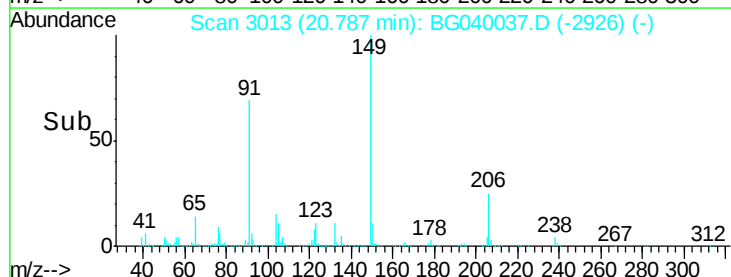
Ion	Ratio	Lower	Upper
149	100		
91	69.2	59.5	89.3
206	25.3	18.6	27.8

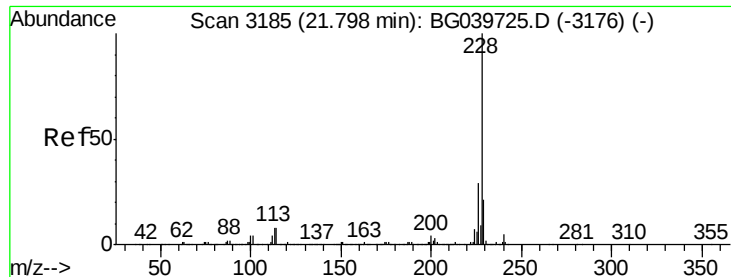


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.282 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

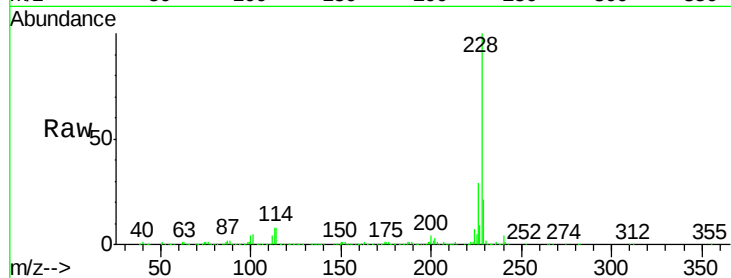
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 830543

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	21.0	16.9	25.3

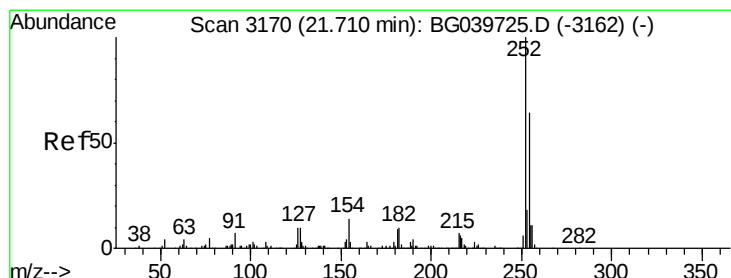
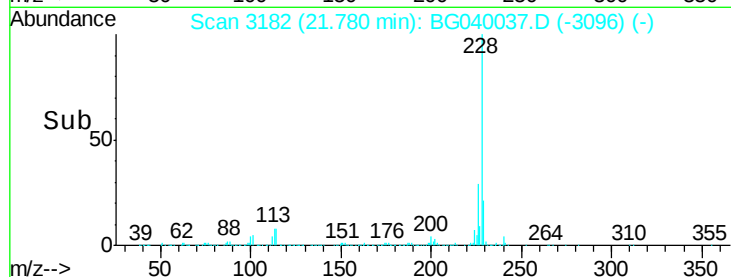
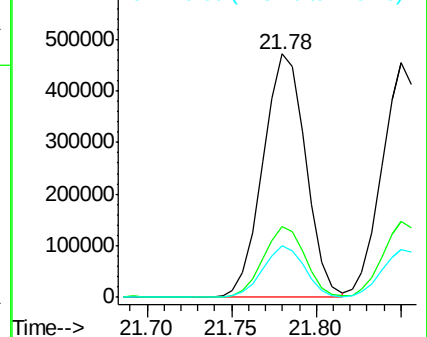


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.110 ng

RT: 21.69 min Scan# 3167

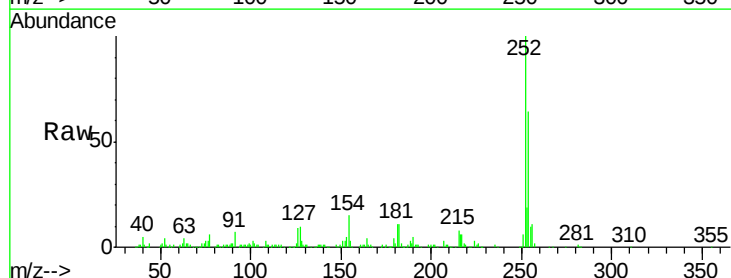
Delta R.T. -0.02 min

Lab File: BG040037.D

Acq: 20 Mar 2019 15:43

Tgt Ion:252 Resp: 161905

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	9.2	8.0	12.0

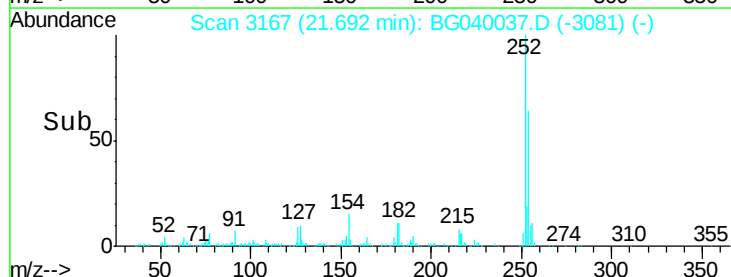
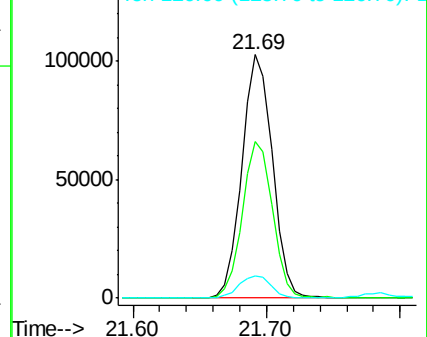


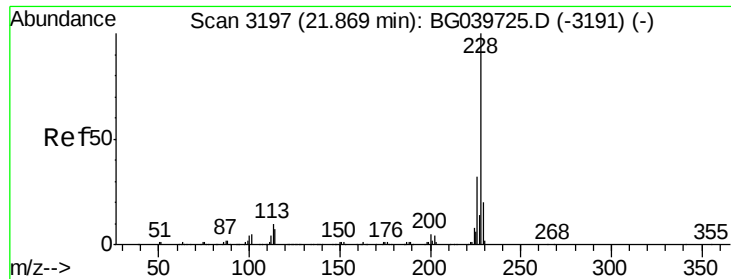
Abundance

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

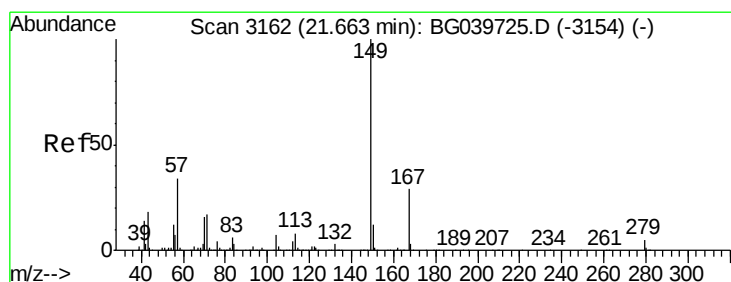
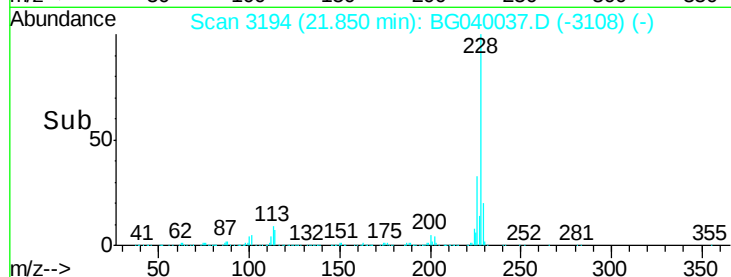
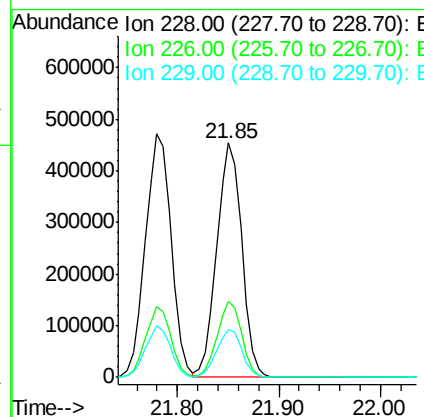
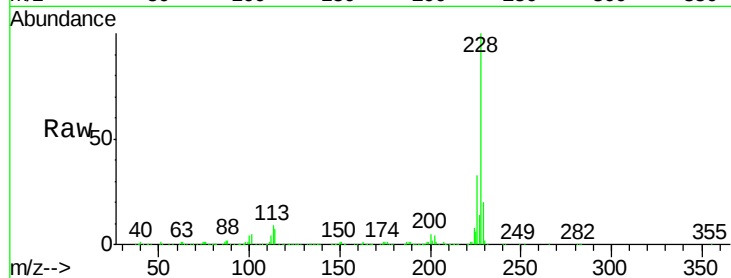




#83
 Chrysene
 Concen: 41.679 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

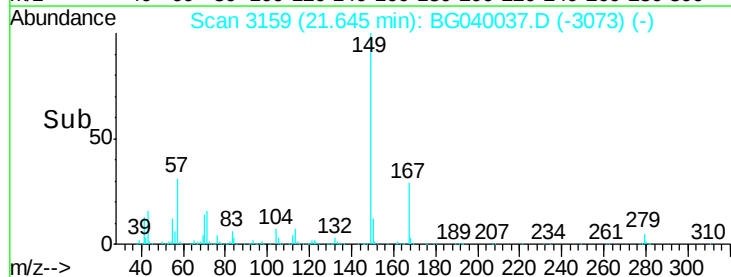
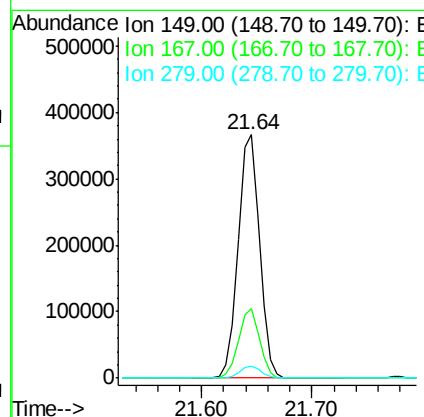
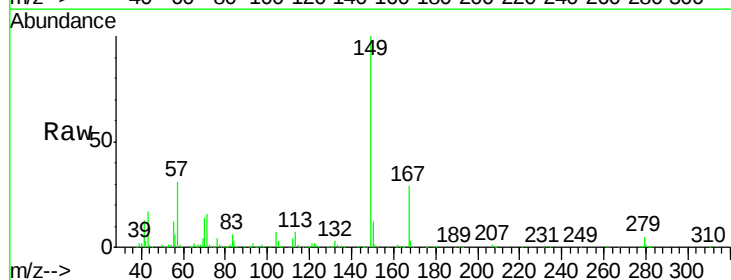
Instrument :
 BNA_G
 ClientSampleId :

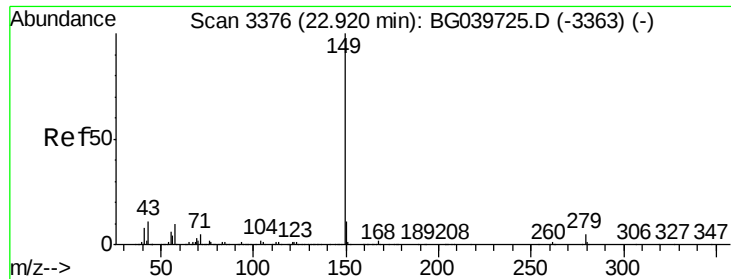
Tot Ion:228 Resp: 775360
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.8 38.6
 229 20.5 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.313 ng
 RT: 21.64 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG040037.D
 Acq: 20 Mar 2019 15:43

Tgt Ion:149 Resp: 501653
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.6 34.0
 279 5.1 3.5 5.3

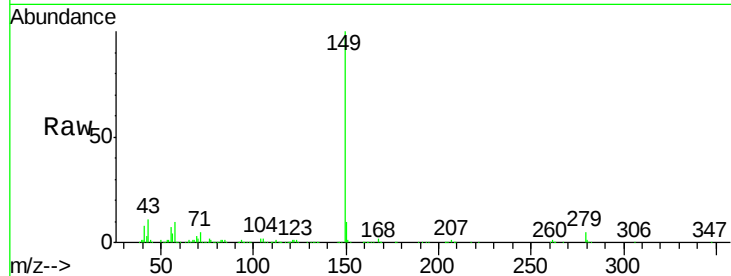




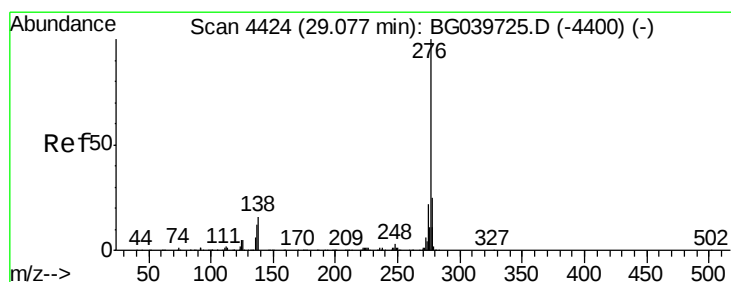
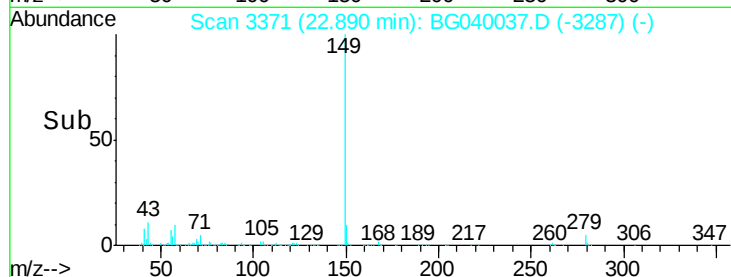
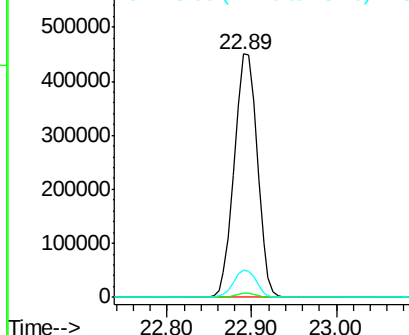
#85
Di-n-octyl phthalate
Concen: 47.054 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.04 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.7	10.2	15.4

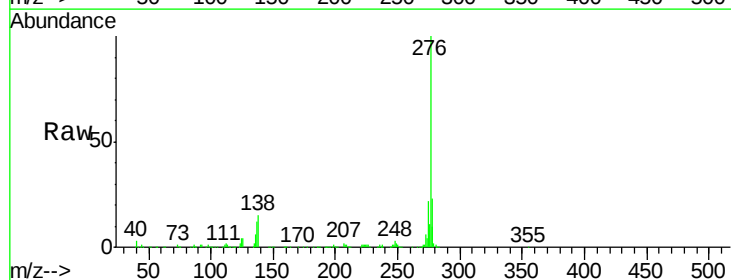


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

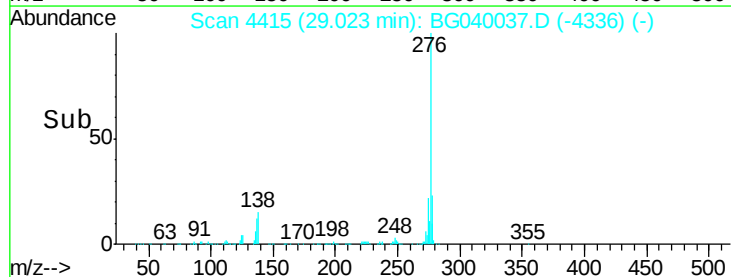
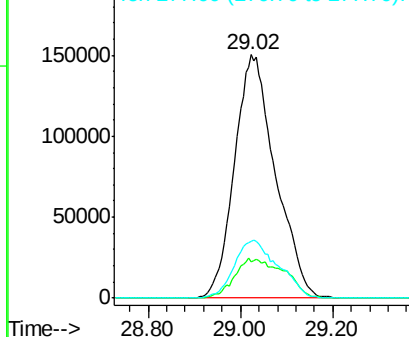


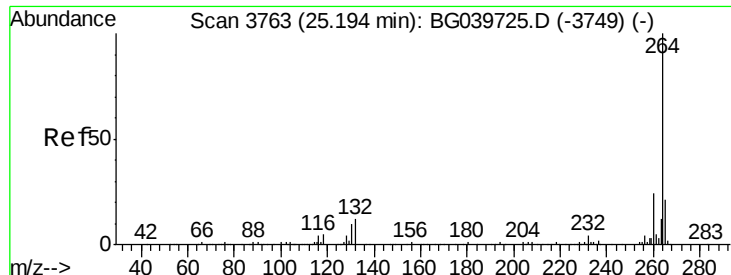
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.833 ng
RT: 29.02 min Scan# 4415
Delta R.T. -0.07 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.1	12.6	19.0#
277	25.7	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

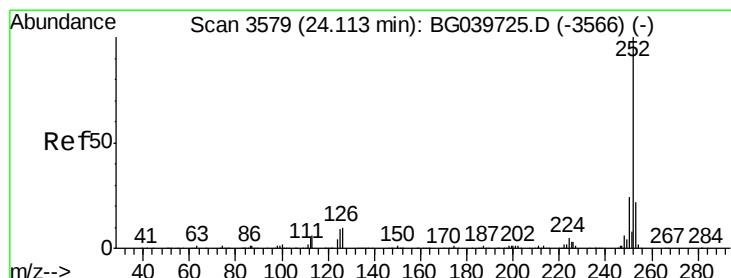
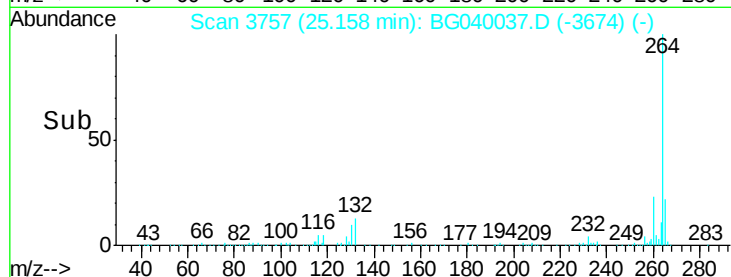
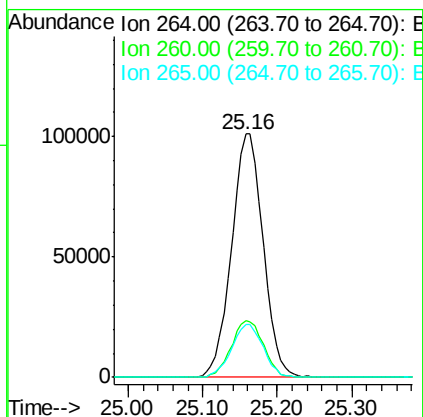
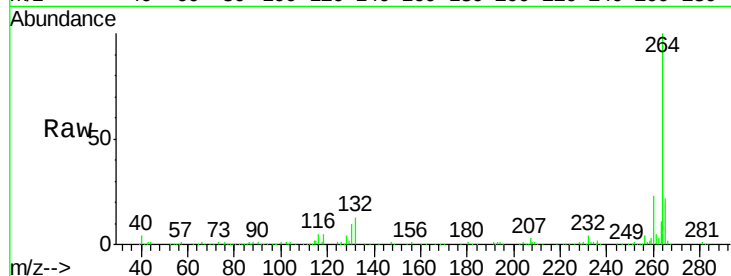




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

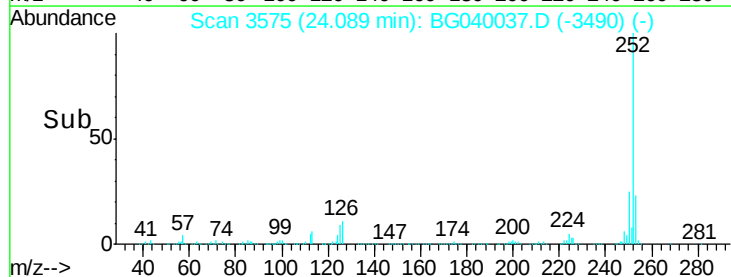
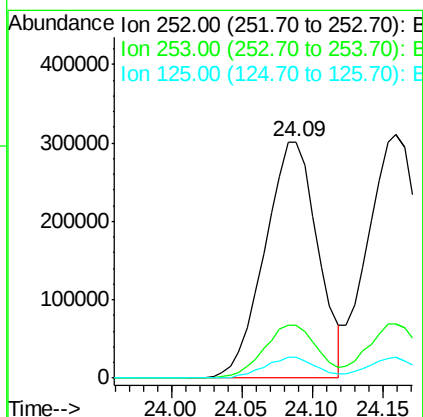
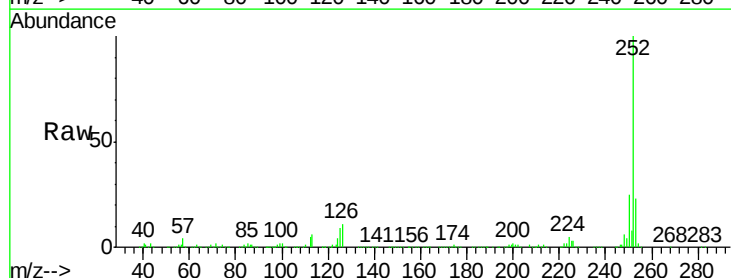
Instrument :
BNA_G
ClientSampleId :

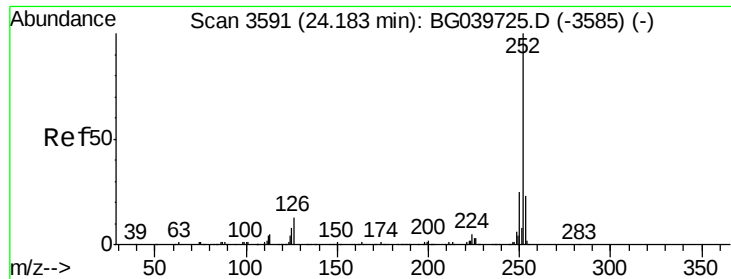
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.6	18.5	27.7



#88
Benzo(b)fluoranthene
Concen: 44.645 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.1	7.8	11.6

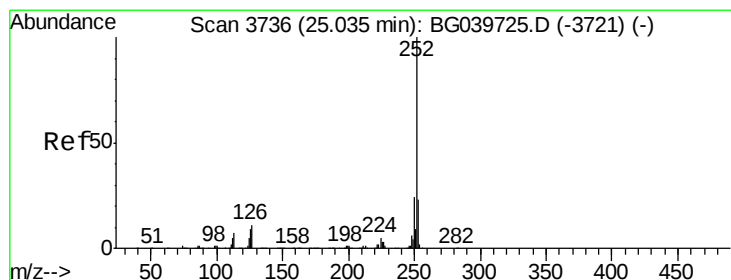
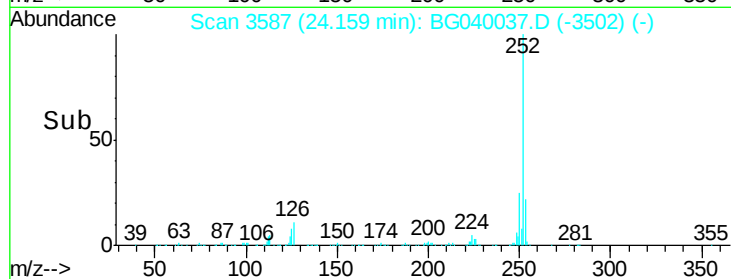
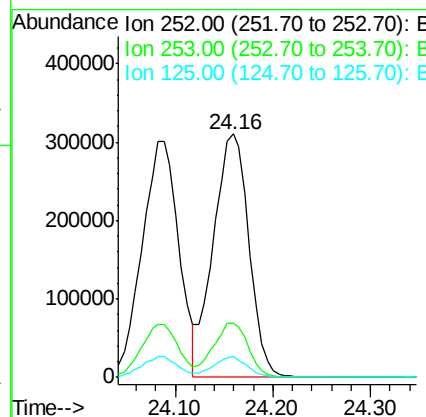
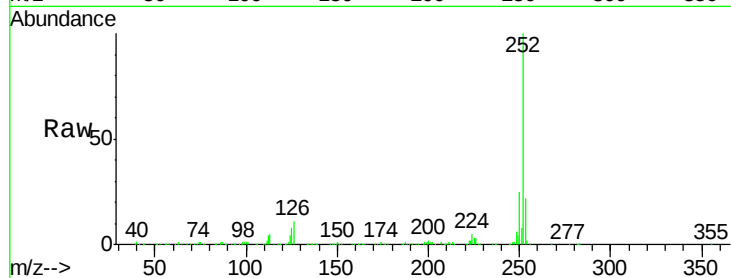




#89
Benzo(k)fluoranthene
Concen: 47.543 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

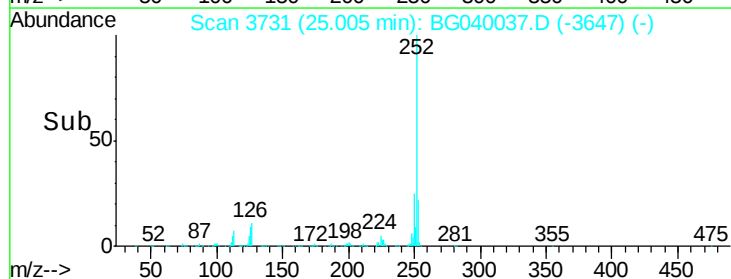
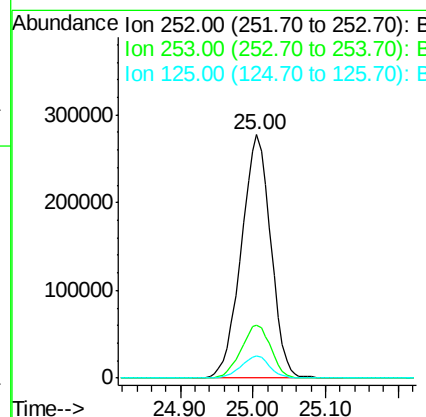
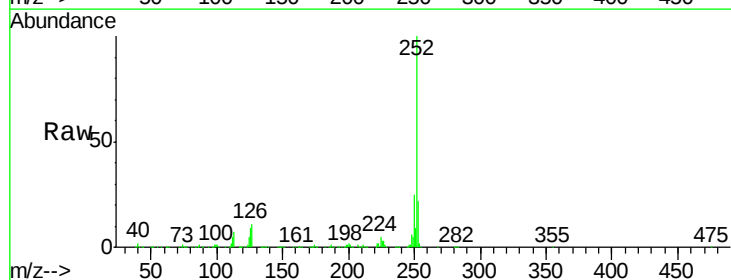
Instrument :
BNA_G
ClientSampleId :

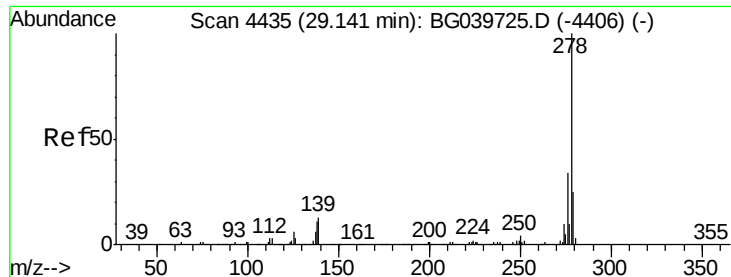
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.3	7.4	11.2



#90
Benzo(a)pyrene
Concen: 47.925 ng
RT: 25.00 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.1	8.3	12.5

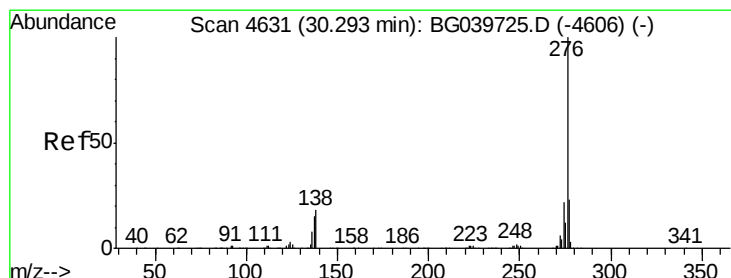
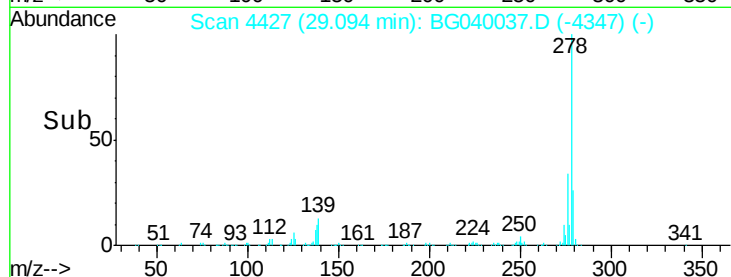
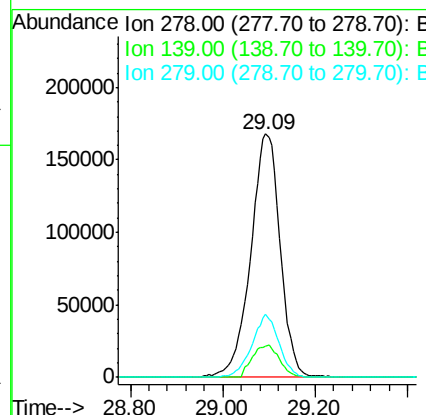
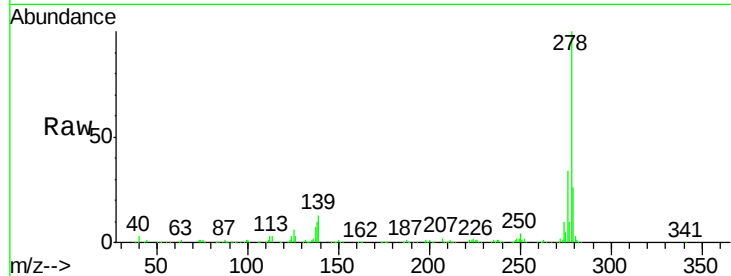




#91
Dibenzo(a,h)anthracene
Concen: 46.510 ng
RT: 29.09 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.7	17.5
279	25.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 47.840 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040037.D
Acq: 20 Mar 2019 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	17.0	14.7	22.1

