

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040117.D
 Acq On : 25 Mar 2019 14:52
 Operator : JU/SJ
 Sample : PB118232BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

Quant Time: Mar 26 02:51:07 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	37581	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	162582	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	114326	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	289032	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	290914	20.00	ng	-0.03
87) Perylene-d12	25.16	264	300596	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	249806	113.40	ng	-0.02
7) Phenol-d6	7.29	99	357475	108.83	ng	-0.02
23) Nitrobenzene-d5	9.32	82	207597	69.06	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	147726	110.86	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	527658	65.72	ng	-0.02
79) Terphenyl-d14	20.11	244	893348	67.61	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	28104	27.634	ng	92
3) Pyridine	3.98	79	72936	26.788	ng	94
4) n-Nitrosodimethylamine	3.90	42	39178	30.332	ng	88
6) Aniline	7.47	93	59852	13.908	ng	98
8) 2-Chlorophenol	7.70	128	90811	33.980	ng	96
9) Benzaldehyde	7.28	77	20651	9.747	ng	93
10) Phenol	7.32	94	122002	34.287	ng	97
11) bis(2-Chloroethyl)ether	7.55	93	85756	30.911	ng	99
12) 1,3-Dichlorobenzene	8.02	146	94218	31.172	ng	95
13) 1,4-Dichlorobenzene	8.18	146	96444	31.326	ng	97
14) 1,2-Dichlorobenzene	8.49	146	91633	30.805	ng	98
15) Benzyl Alcohol	8.38	79	83173	31.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	157244	28.339	ng	96
17) 2-Methylphenol	8.58	107	79757	35.152	ng	97
18) Hexachloroethane	9.22	117	33858	30.650	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	67843	28.696	ng	92
20) 3+4-Methylphenols	8.90	107	110007	34.901	ng	97
22) Acetophenone	8.97	105	133465	30.586	ng	# 90
24) Nitrobenzene	9.36	77	102627	32.543	ng	96
25) Isophorone	9.87	82	195449	31.030	ng	98
26) 2-Nitrophenol	10.07	139	51527	33.841	ng	97
27) 2,4-Dimethylphenol	10.11	122	94833	40.046	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	121115	31.641	ng	100
29) 2,4-Dichlorophenol	10.60	162	99968	37.494	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	98771	32.922	ng	99
31) Naphthalene	11.01	128	279760	32.500	ng	99
32) Benzoic acid	10.24	122	44604	30.260	ng	97
33) 4-Chloroaniline	11.12	127	44953	12.315	ng	94
34) Hexachlorobutadiene	11.27	225	64675	31.546	ng	95
35) Caprolactam	11.90	113	23144	22.724	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	107544	35.187	ng	95
37) 2-Methylnaphthalene	12.61	142	213100	33.113	ng	99
38) 1-Methylnaphthalene	12.61	142	213100	34.073	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	121346	31.331	ng	99

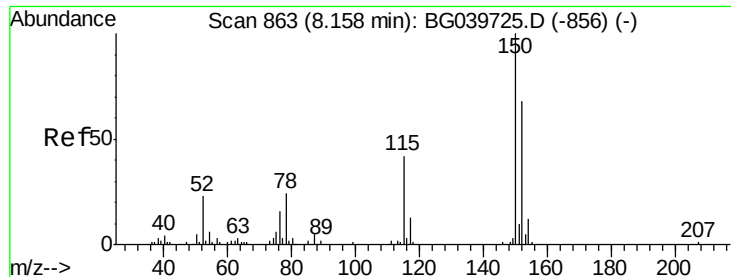
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	159694	76.939	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	84012	37.050	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	89875	35.164	ng	98
46) 1,1'-Biphenyl	13.60	154	291867	31.039	ng	98
47) 2-Chloronaphthalene	13.65	162	229730	32.476	ng	98
48) 2-Nitroaniline	13.86	65	76717	33.746	ng	90
49) Acenaphthylene	14.50	152	375492	32.335	ng	99
50) Dimethylphthalate	14.21	163	312864	32.727	ng	99
51) 2,6-Dinitrotoluene	14.35	165	69586	34.336	ng	90
52) Acenaphthene	14.83	154	223575	31.988	ng	98
53) 3-Nitroaniline	14.68	138	30665	15.052	ng	# 93
54) 2,4-Dinitrophenol	14.88	184	72410	58.190	ng	98
55) Dibenzofuran	15.17	168	378149	32.976	ng	99
56) 4-Nitrophenol	14.98	139	117797	64.638	ng	91
57) 2,4-Dinitrotoluene	15.13	165	103257	36.260	ng	85
58) Fluorene	15.81	166	301993	33.500	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	94290	37.774	ng	96
60) Diethylphthalate	15.57	149	322992	34.130	ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	159487	33.154	ng	95
62) 4-Nitroaniline	15.84	138	73743	33.390	ng	93
63) Azobenzene	16.09	77	284775	33.196	ng	95
65) 4,6-Dinitro-2-methylphenol	15.89	198	58223	34.069	ng	94
66) n-Nitrosodiphenylamine	16.01	169	280866	33.566	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	106134	32.806	ng	94
68) Hexachlorobenzene	16.81	284	112717	33.611	ng	94
69) Atrazine	16.95	200	112962	34.302	ng	94
70) Pentachlorophenol	17.15	266	131830	62.245	ng	99
71) Phenanthrene	17.56	178	526125	33.048	ng	100
72) Anthracene	17.65	178	534105	34.427	ng	100
73) Carbazole	17.92	167	467667	33.438	ng	98
74) Di-n-butylphthalate	18.44	149	572137	34.768	ng	99
75) Fluoranthene	19.55	202	638537	33.938	ng	98
77) Benzidine	19.74	184	136426	14.778	ng	99
78) Pyrene	19.92	202	634071	33.542	ng	98
80) Butylbenzylphthalate	20.78	149	256450	35.016	ng	94
81) Benzo(a)anthracene	21.78	228	597325	32.762	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	109149	16.397	ng	98
83) Chrysene	21.85	228	575208	32.542	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	354816	34.476	ng	99
85) Di-n-octyl phthalate	22.89	149	607646	35.658	ng	# 94
86) Indeno(1,2,3-cd)pyrene	29.02	276	668908	33.358	ng	97
88) Benzo(b)fluoranthene	24.08	252	592443	33.051	ng	98
89) Benzo(k)fluoranthene	24.15	252	585280	35.077	ng	99
90) Benzo(a)pyrene	24.99	252	577425	34.861	ng	99
91) Dibenzo(a,h)anthracene	29.08	278	546872	33.678	ng	99
92) Benzo(g,h,i)perylene	30.24	276	559412	34.301	ng	96

(#) = 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: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

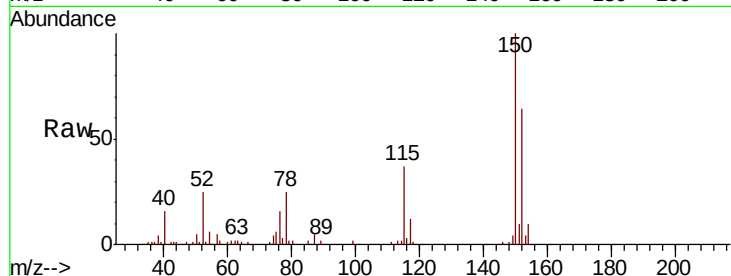
Tgt Ion:152 Resp: 37581

Ion Ratio Lower Upper

152 100

150 155.9 123.7 185.5

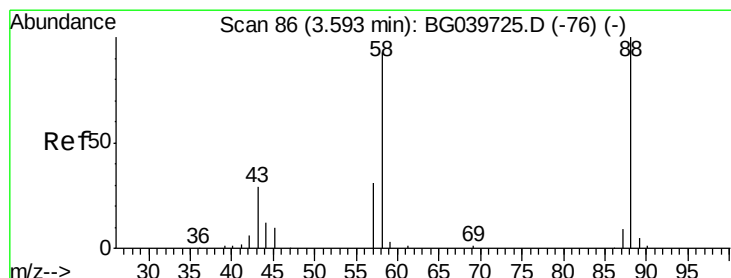
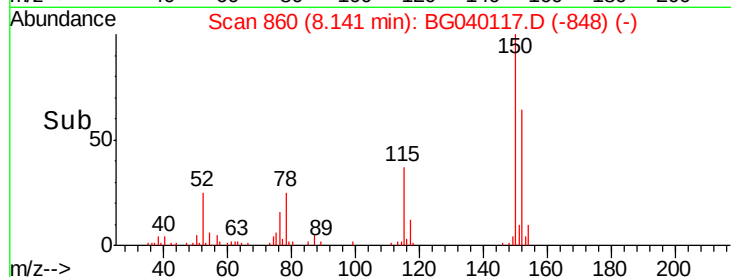
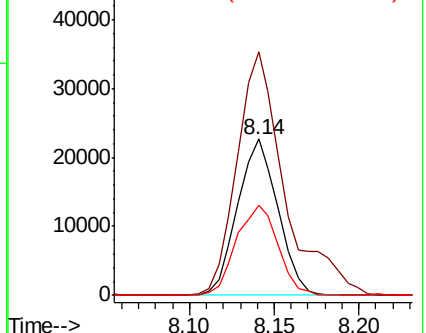
115 57.4 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.634 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

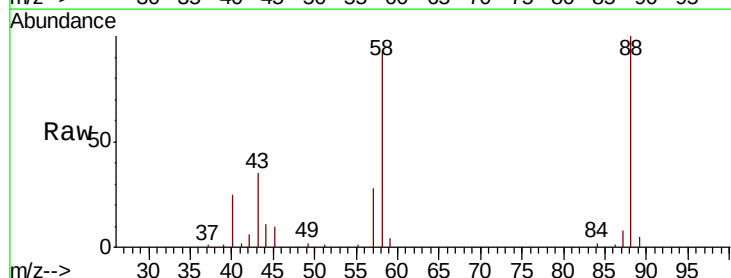
Tgt Ion: 88 Resp: 28104

Ion Ratio Lower Upper

88 100

58 93.1 81.1 121.7

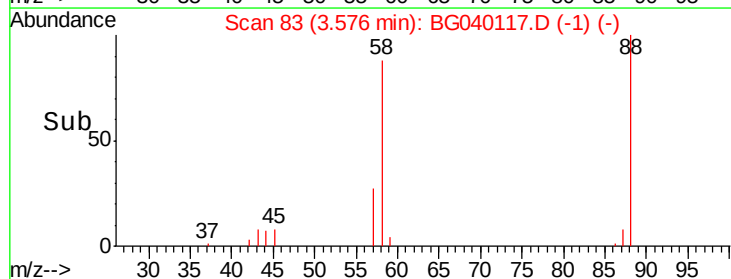
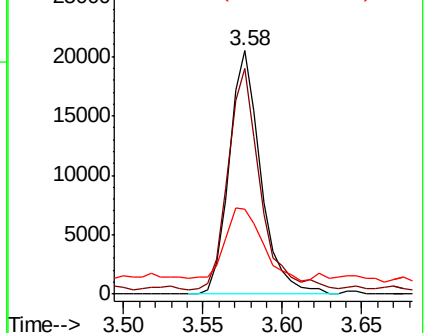
43 35.1 31.4 47.0

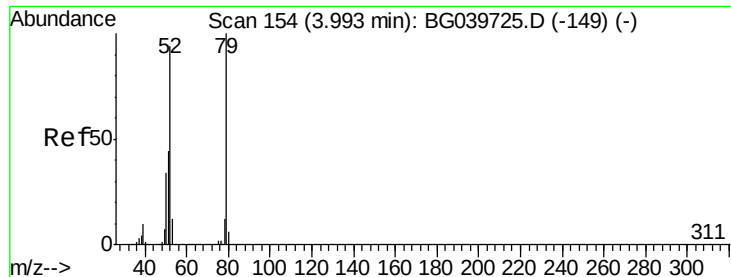


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.788 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

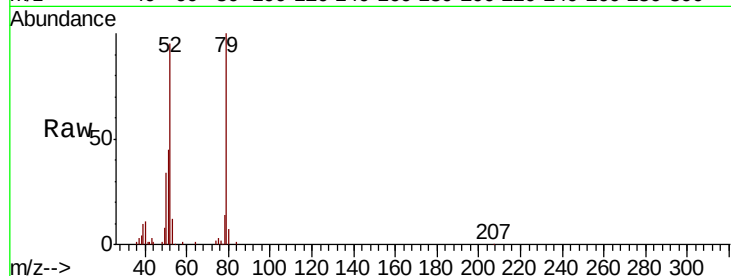
Tgt Ion: 79 Resp: 72936

Ion Ratio Lower Upper

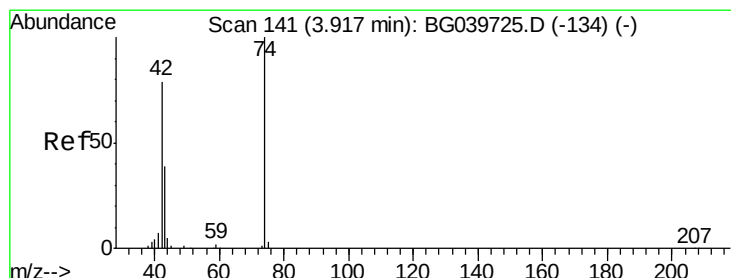
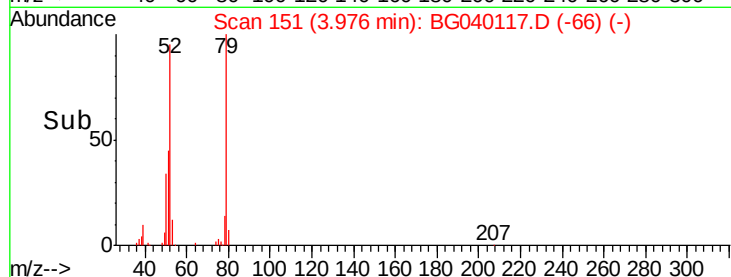
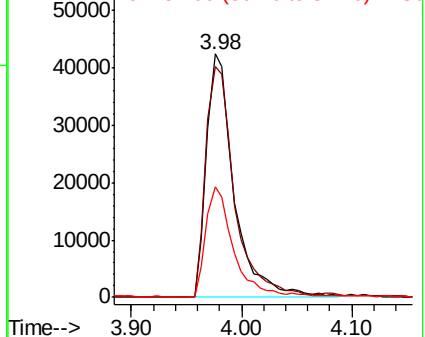
79 100

52 95.0 82.6 124.0

51 45.4 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 30.332 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

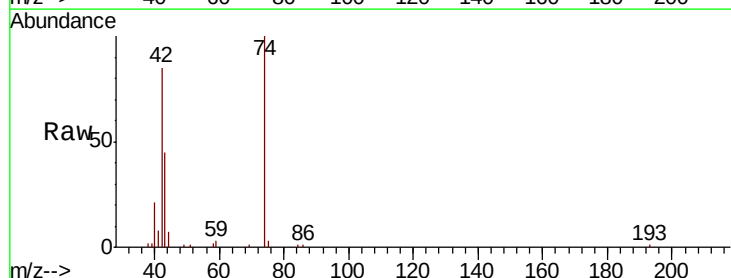
Tgt Ion: 42 Resp: 39178

Ion Ratio Lower Upper

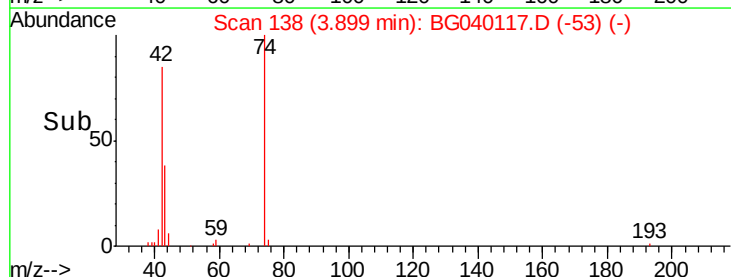
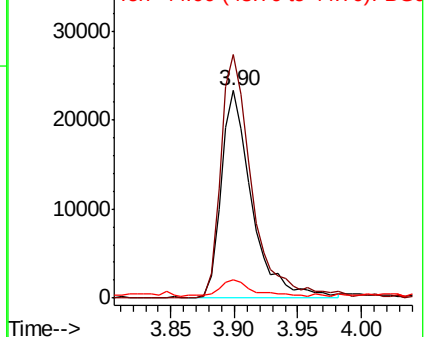
42 100

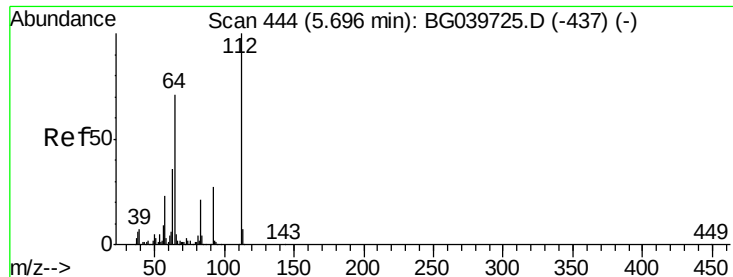
74 117.5 83.6 125.4

44 8.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 113.401 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040117.D

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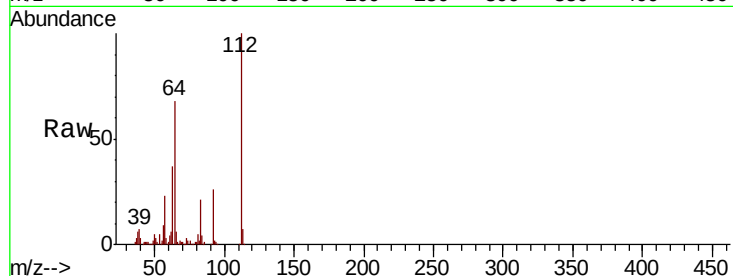
Tgt Ion: 112 Resp: 249806

Ion Ratio Lower Upper

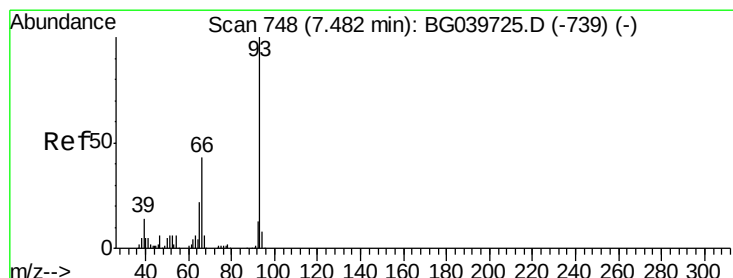
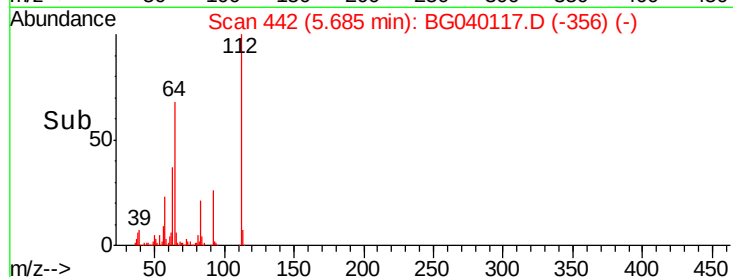
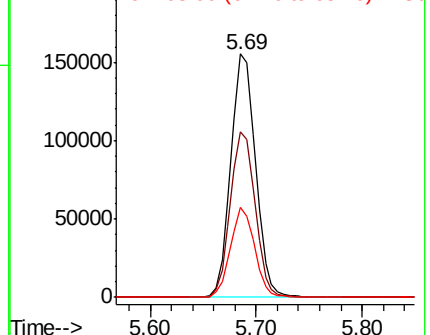
112 100

64 68.1 57.8 86.8

63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.908 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

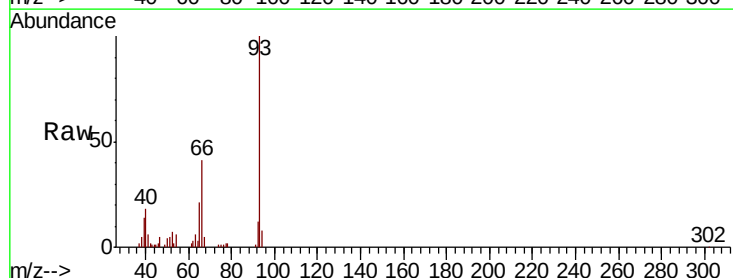
Tgt Ion: 93 Resp: 59852

Ion Ratio Lower Upper

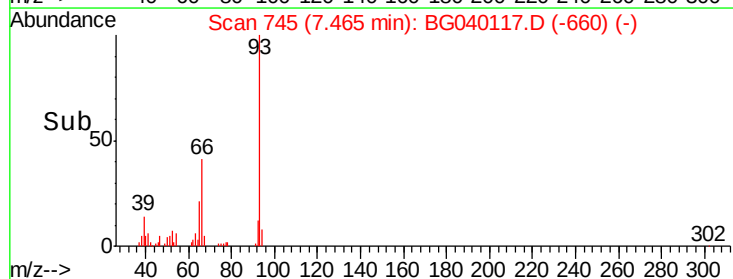
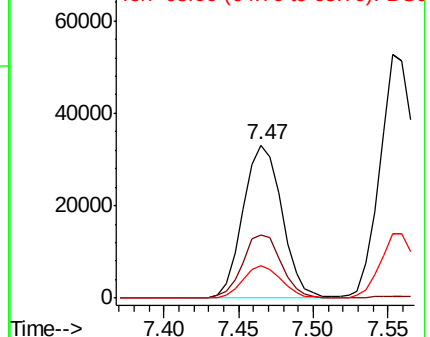
93 100

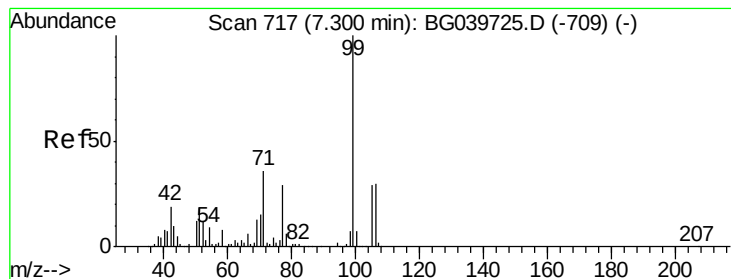
66 41.3 34.2 51.4

65 21.1 17.7 26.5



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





#7

Phenol-d6

Concen: 108.834 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

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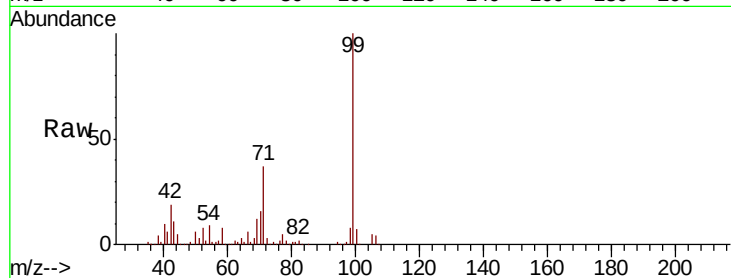
Tgt Ion: 99 Resp: 357475

Ion Ratio Lower Upper

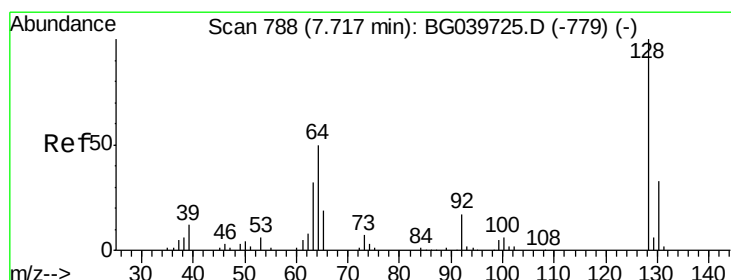
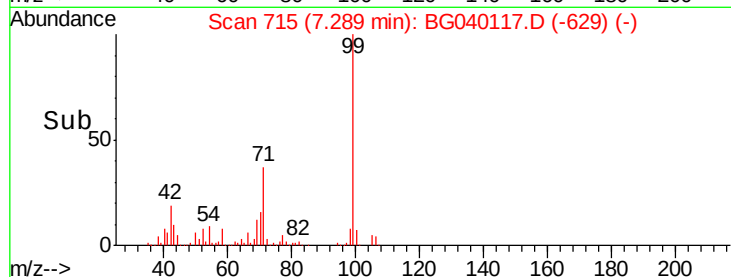
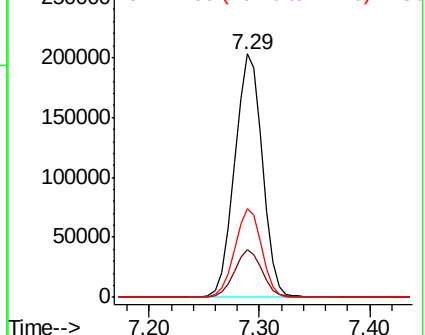
99 100

42 19.4 18.2 27.2

71 36.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 33.980 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

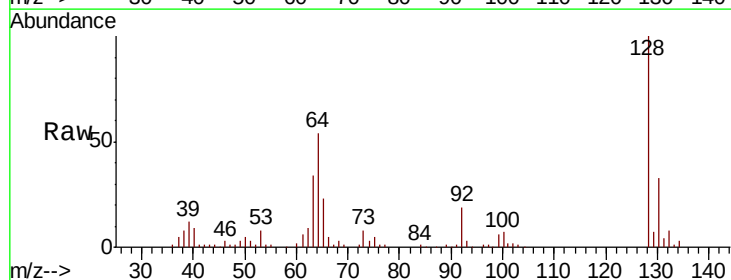
Tgt Ion: 128 Resp: 90811

Ion Ratio Lower Upper

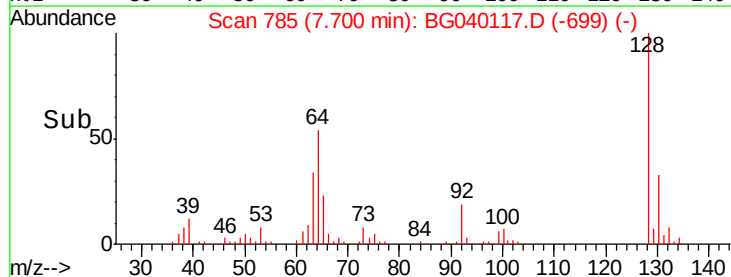
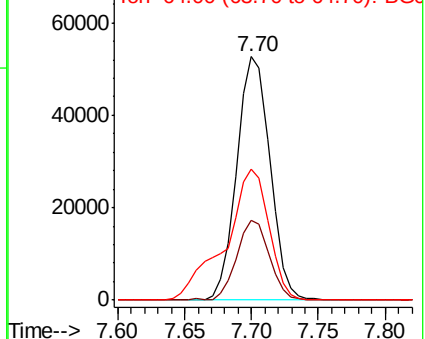
128 100

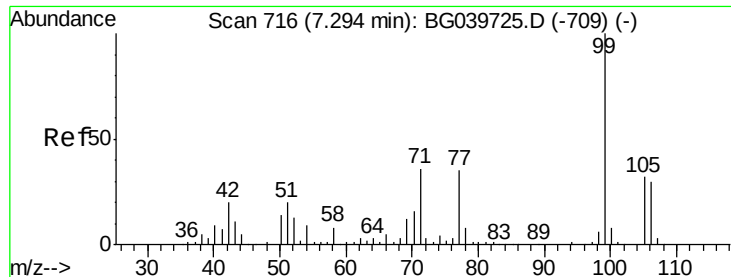
130 32.5 12.9 52.9

64 54.0 38.7 78.7



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





#9

Benzaldehyde

Concen: 9.747 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

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ClientSampleId :

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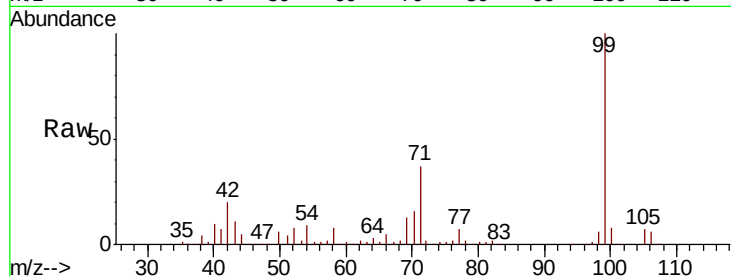
Tgt Ion: 77 Resp: 20651

Ion Ratio Lower Upper

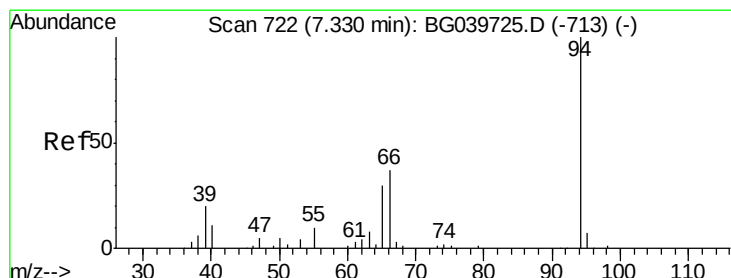
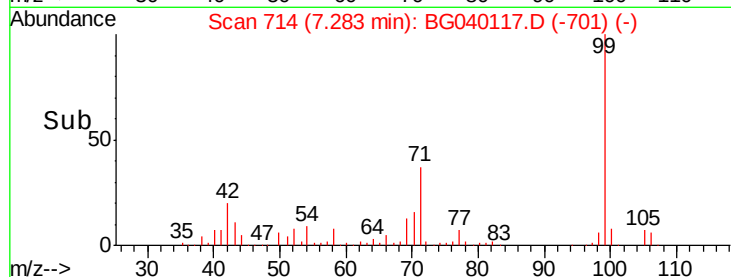
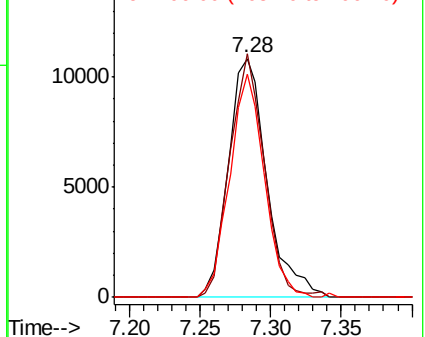
77 100

105 101.9 74.5 114.5

106 93.5 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 34.287 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

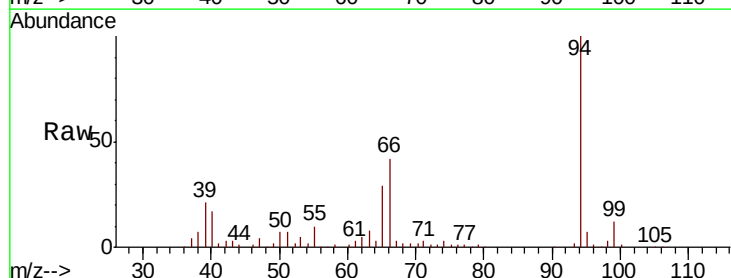
Tgt Ion: 94 Resp: 122002

Ion Ratio Lower Upper

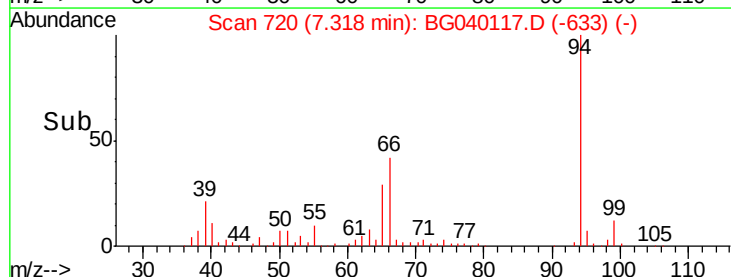
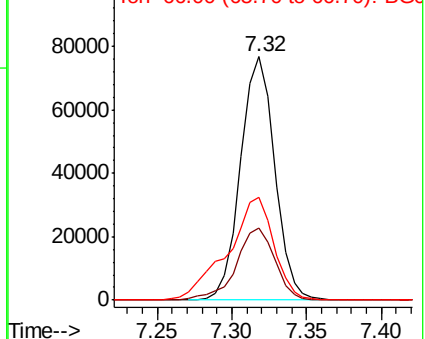
94 100

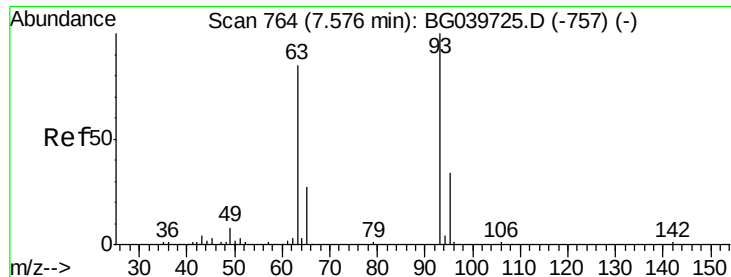
65 29.4 11.7 51.7

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

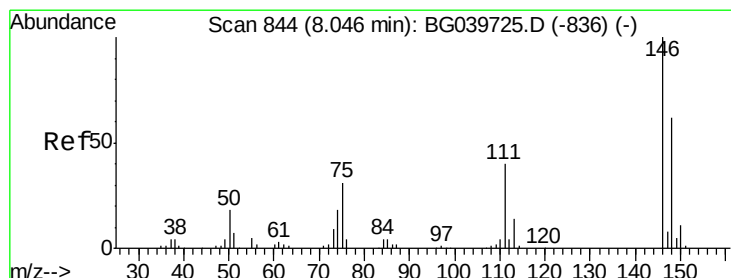
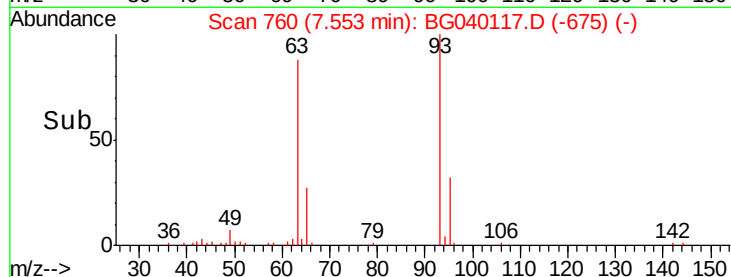
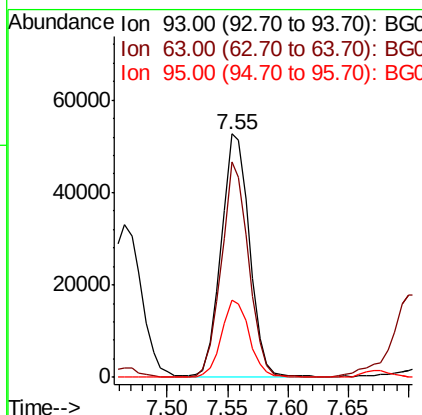
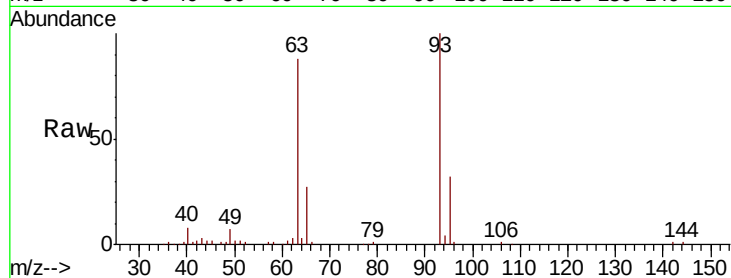




#11
 bis(2-Chloroethyl)ether
 Concen: 30.911 ng
 RT: 7.55 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

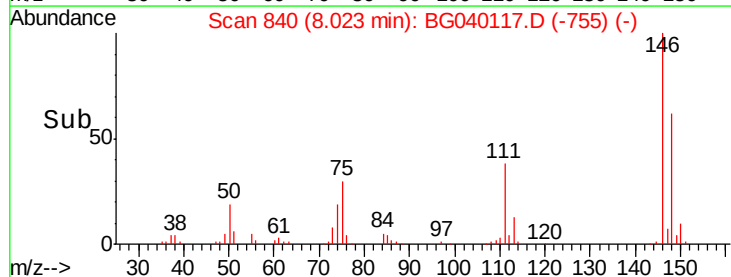
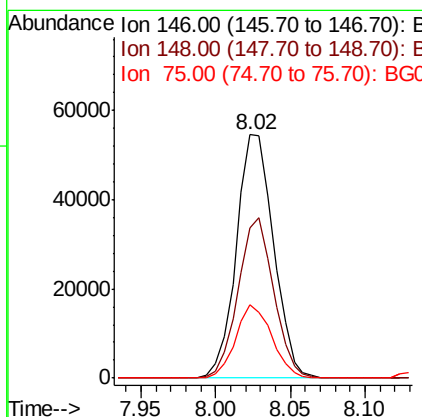
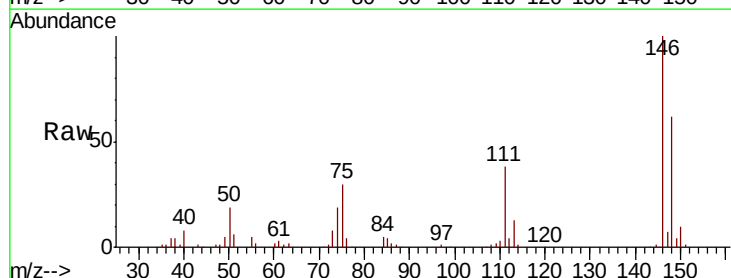
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

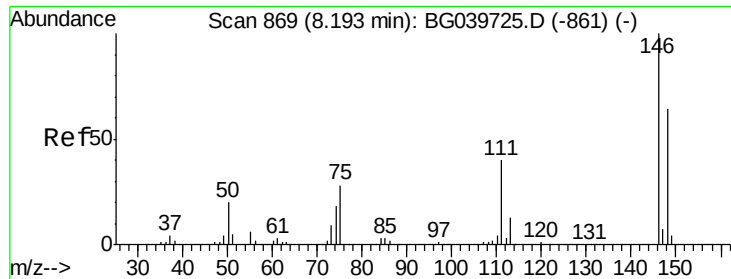
Tgt Ion: 93 Resp: 85756
 Ion Ratio Lower Upper
 93 100
 63 88.4 69.5 109.5
 95 31.9 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 31.172 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.03 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion: 146 Resp: 94218
 Ion Ratio Lower Upper
 146 100
 148 61.6 52.6 79.0
 75 30.3 25.8 38.6

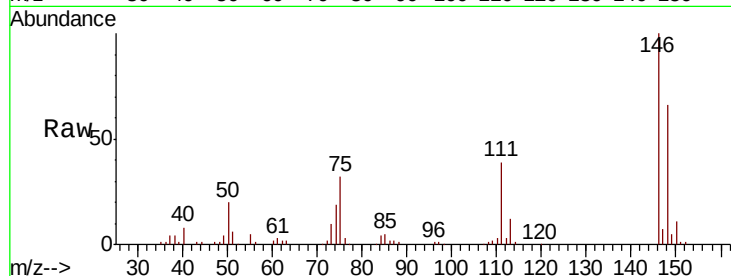




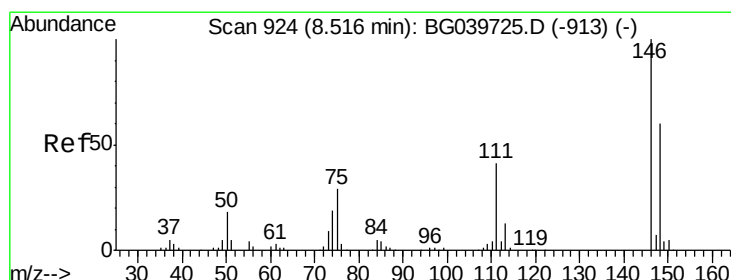
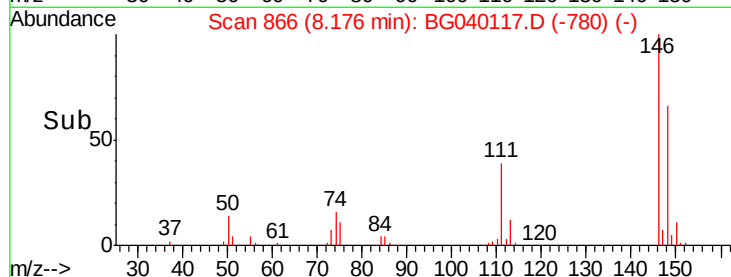
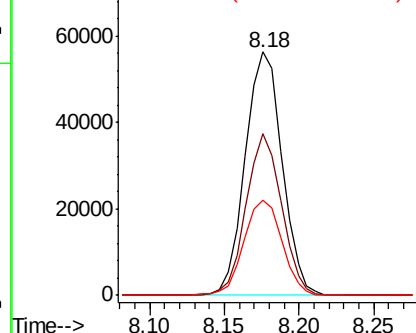
#13
 1,4-Dichlorobenzene
 Concen: 31.326 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

Tgt Ion:146 Resp: 96444
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.1 76.7
 111 38.9 32.6 48.8

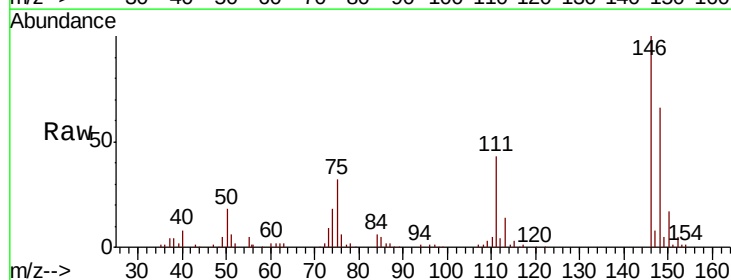


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

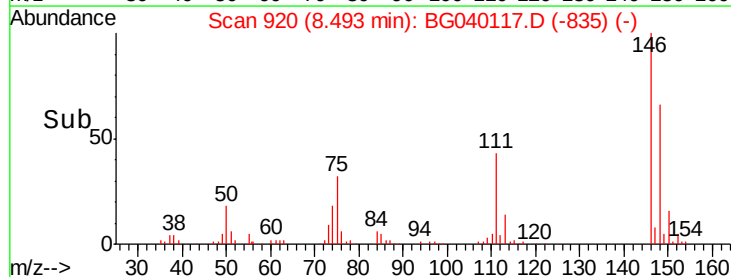
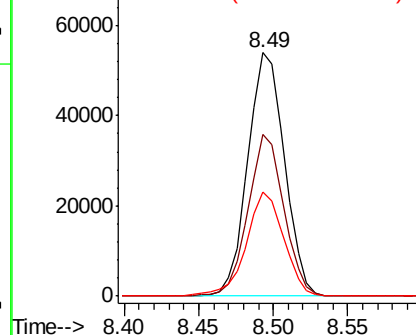


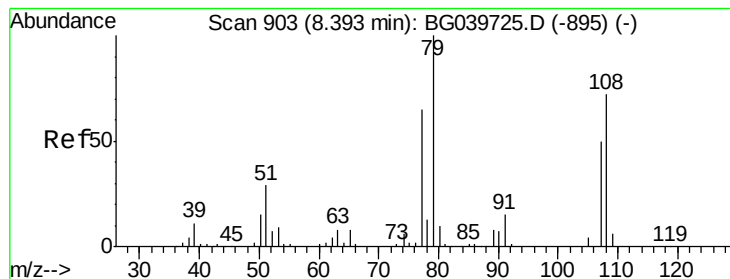
#14
 1,2-Dichlorobenzene
 Concen: 30.805 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion:146 Resp: 91633
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.5 77.3
 111 42.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 31.922 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

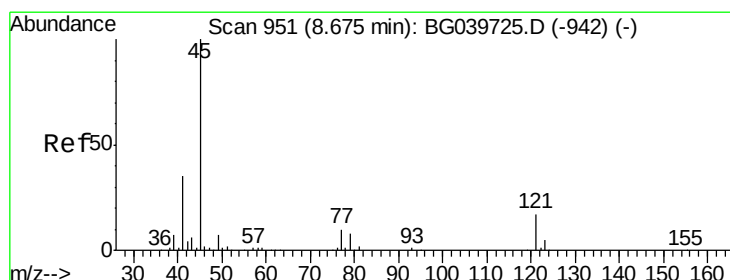
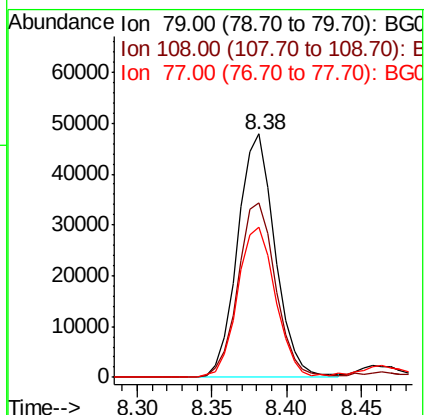
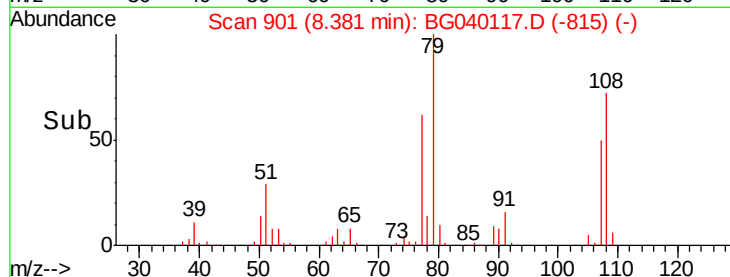
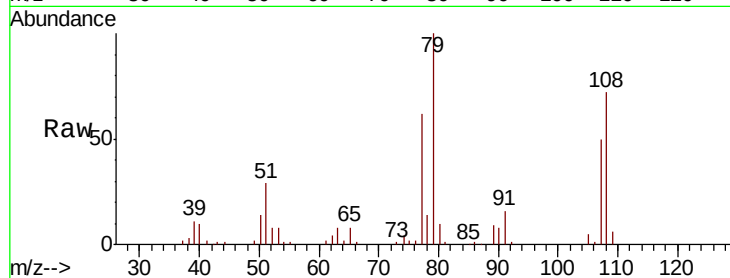
Tgt Ion: 79 Resp: 83173

Ion Ratio Lower Upper

79 100

108 71.8 57.8 86.6

77 61.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.339 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

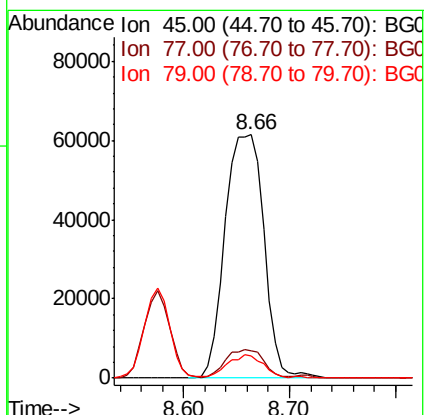
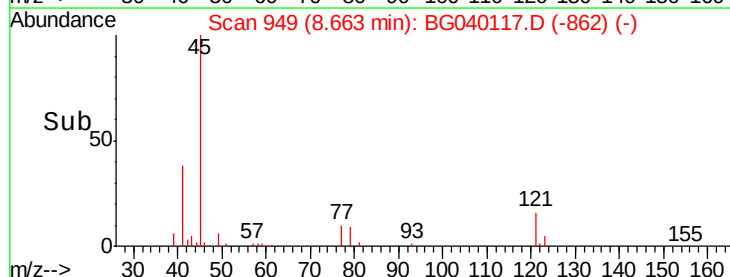
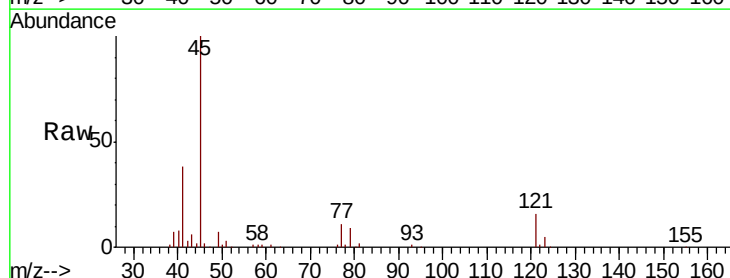
Tgt Ion: 45 Resp: 157244

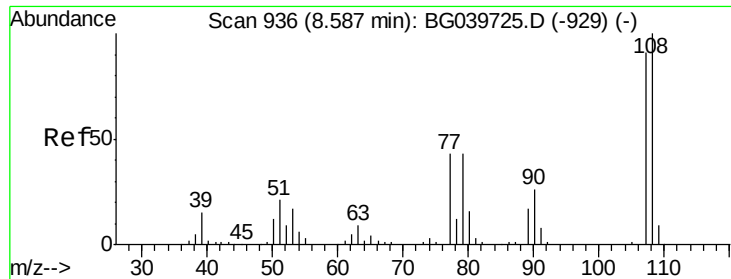
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.0

79 9.3 0.0 27.5

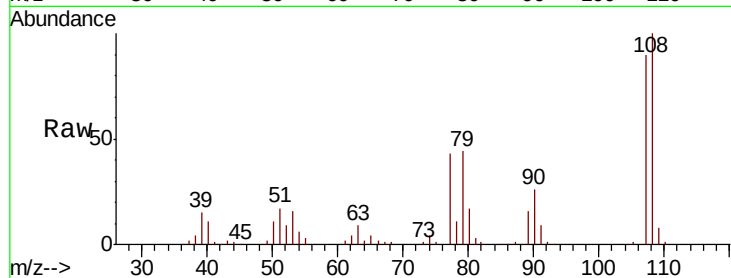




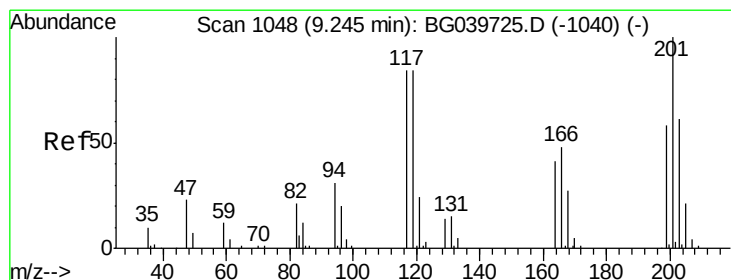
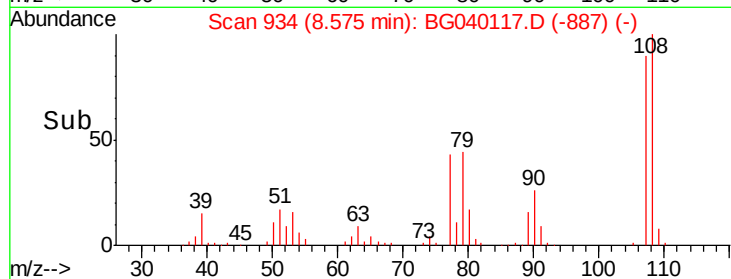
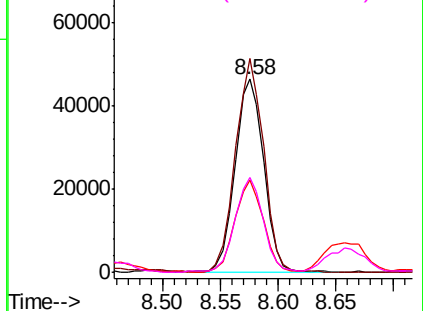
#17
2-Methylphenol
Concen: 35.152 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Tgt Ion:	107	Resp:	79757
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.8	136.2
77	47.6	40.7	61.1
79	48.9	40.6	60.8

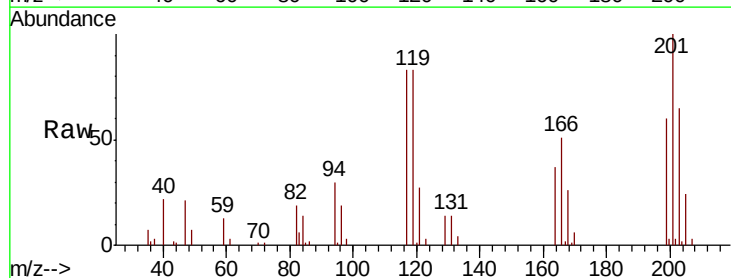


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

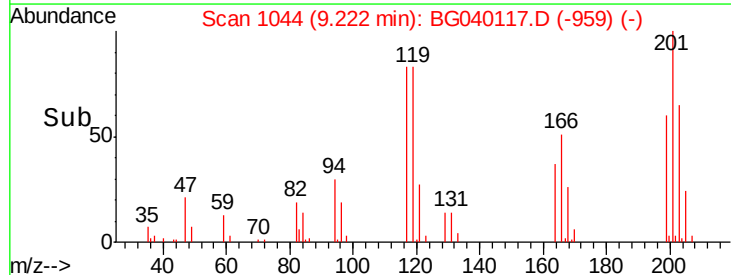
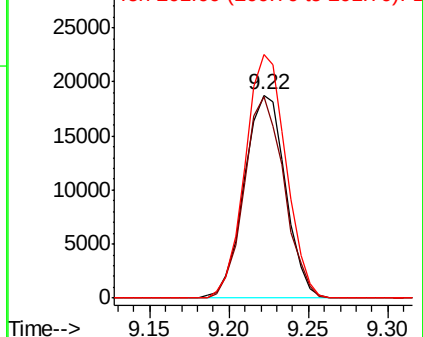


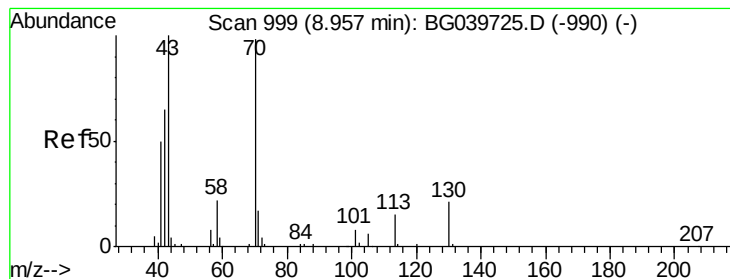
#18
Hexachloroethane
Concen: 30.650 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion:	117	Resp:	33858
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.3	114.5
201	120.1	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: 28.696 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

Tgt Ion: 70 Resp: 67843

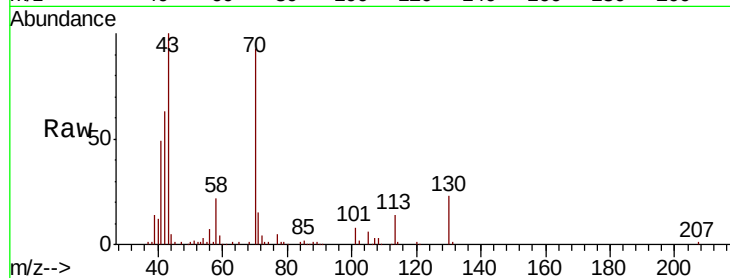
Ion Ratio Lower Upper

70 100

42 67.3 60.4 90.6

101 8.6 7.5 11.3

130 24.3 16.9 25.3



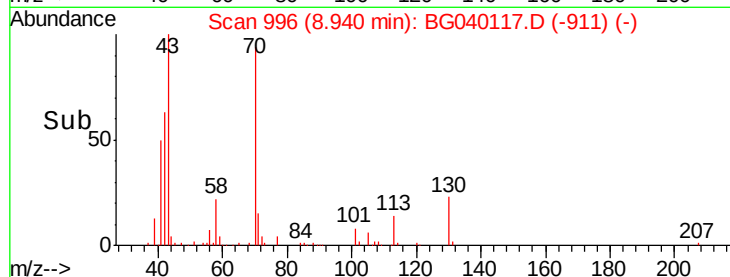
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

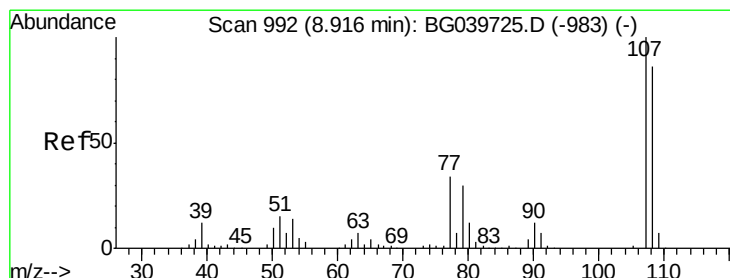
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 34.901 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Tgt Ion: 107 Resp: 110007

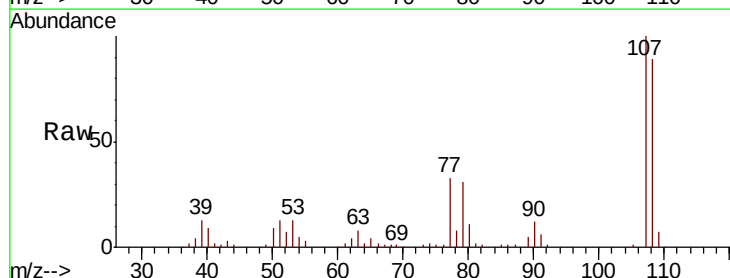
Ion Ratio Lower Upper

107 100

108 89.0 67.9 107.9

77 33.4 15.4 55.4

79 30.6 13.7 53.7



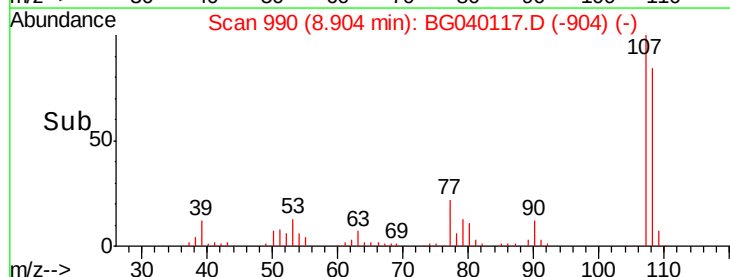
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

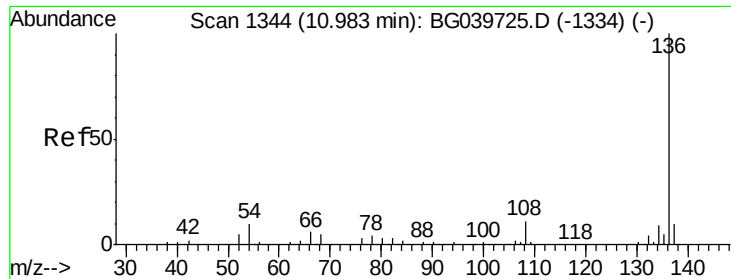
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



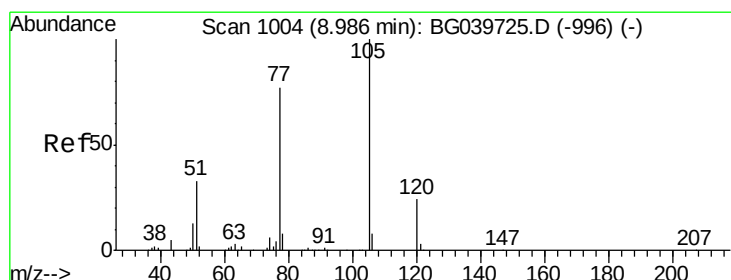
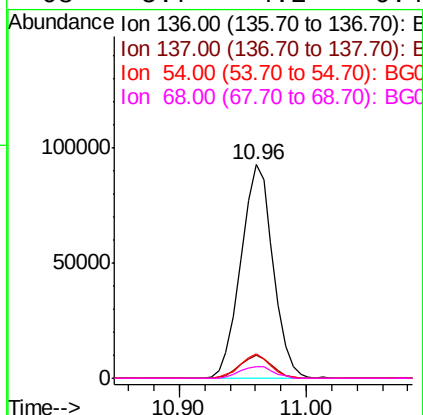
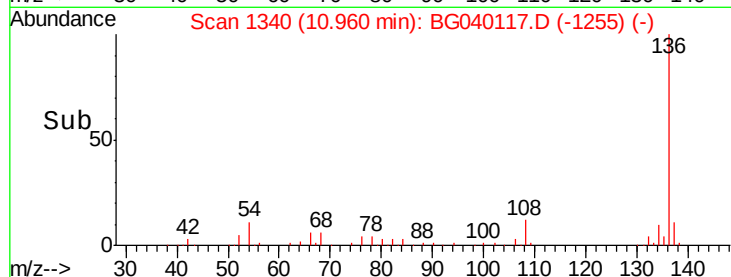
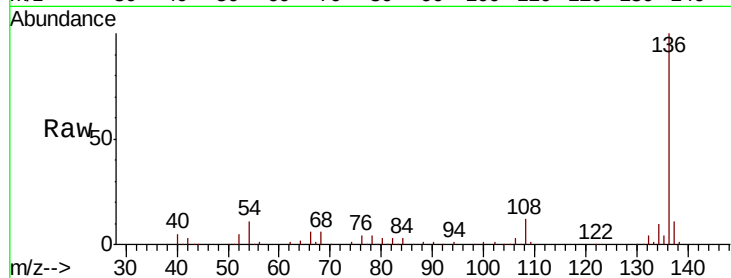
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

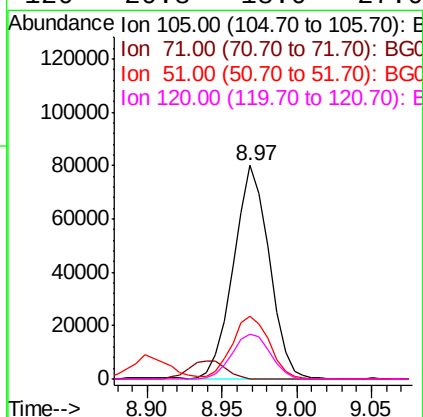
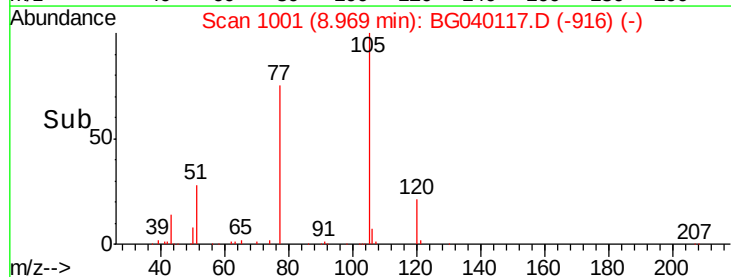
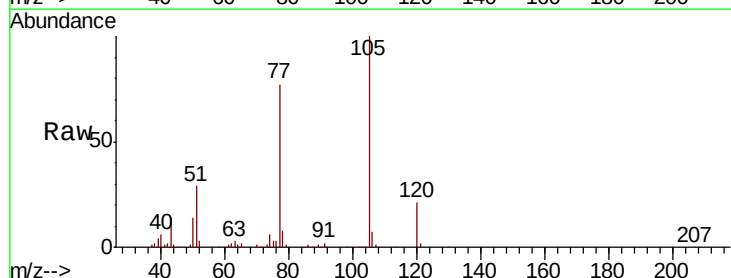
Instrument :
BNA_G
ClientSampleId :
PB118232BS

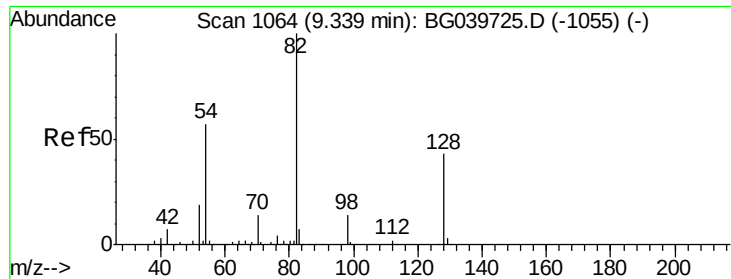
Tgt Ion:	136	Resp:	162582
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	11.2	9.4	14.2
68	5.7	4.2	6.4



#22
Acetophenone
Concen: 30.586 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion:	105	Resp:	133465
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.8	1.2#
51	29.5	30.2	45.2#
120	20.8	18.0	27.0

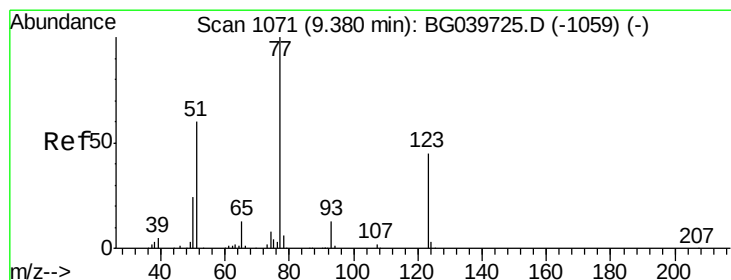
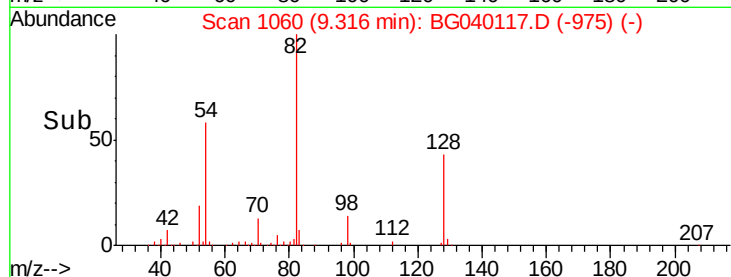
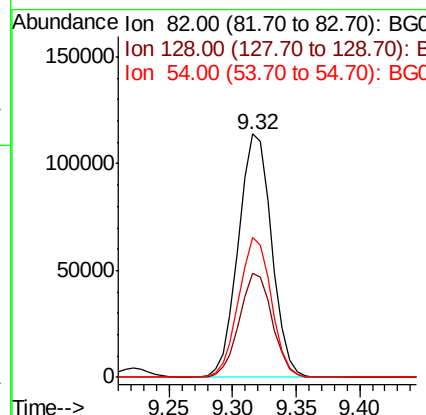
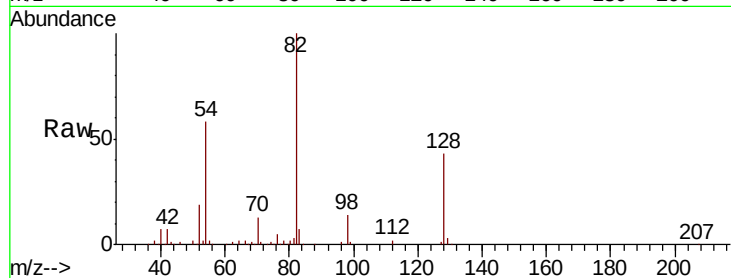




#23
 Nitrobenzene-d5
 Concen: 69.059 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

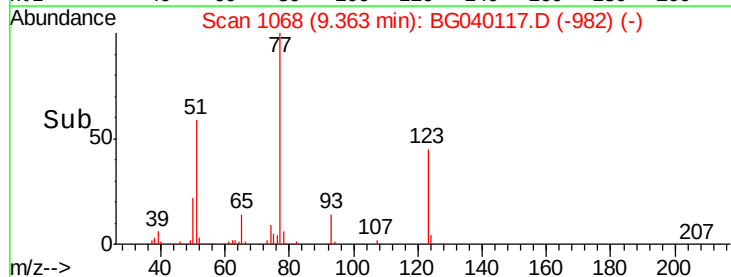
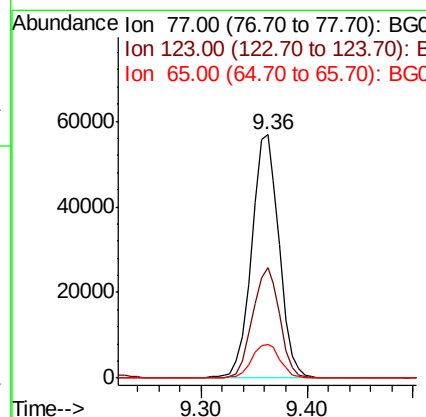
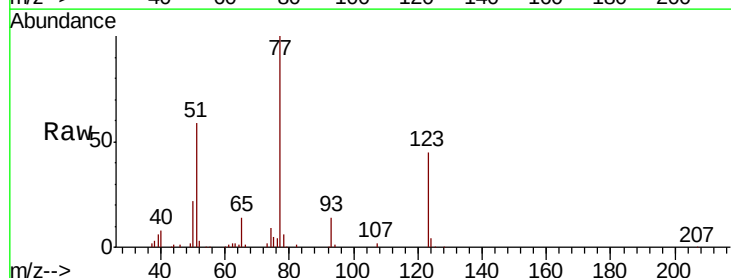
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

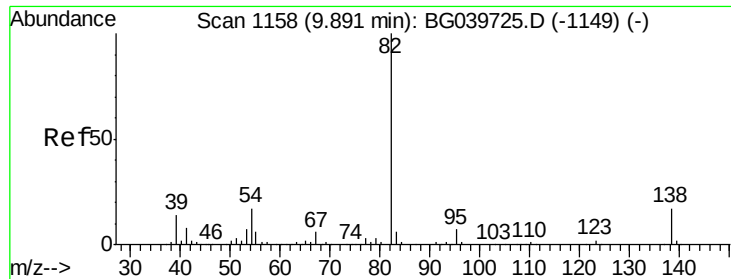
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	57.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 32.543 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	34.1	51.1
65	13.8	12.3	18.5





#25

Isophorone

Concen: 31.030 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

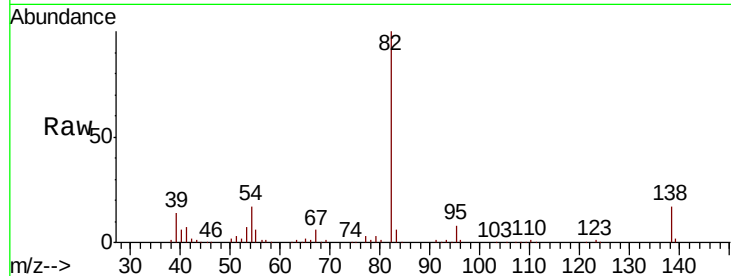
Tgt Ion: 82 Resp: 195449

Ion Ratio Lower Upper

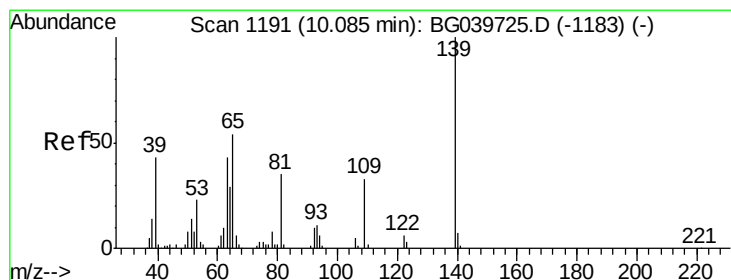
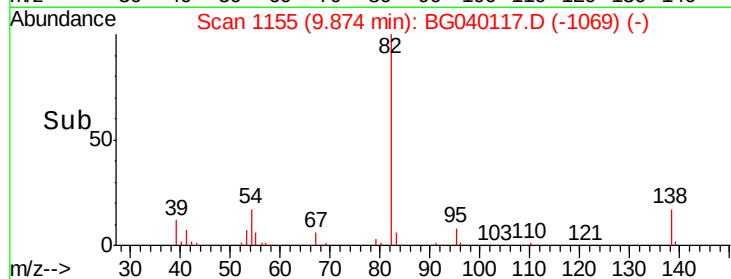
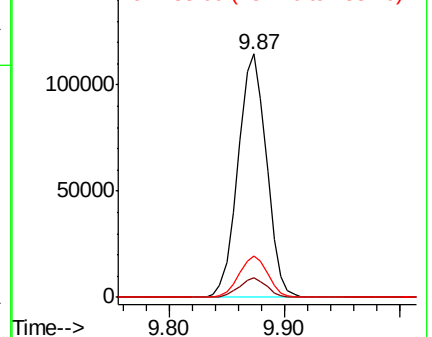
82 100

95 7.9 6.2 9.2

138 17.2 13.0 19.4



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



#26

2-Nitrophenol

Concen: 33.841 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

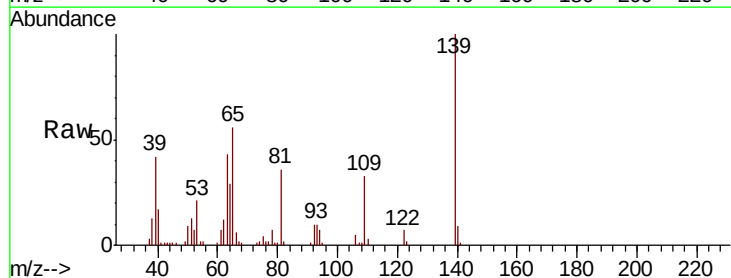
Tgt Ion: 139 Resp: 51527

Ion Ratio Lower Upper

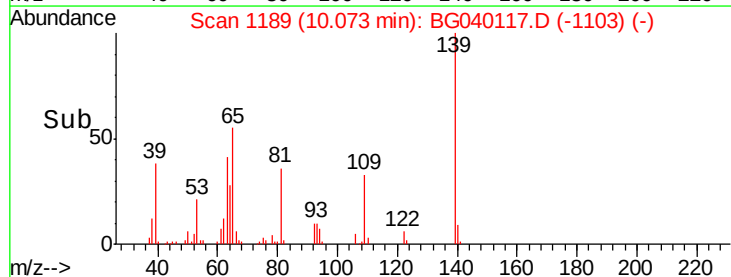
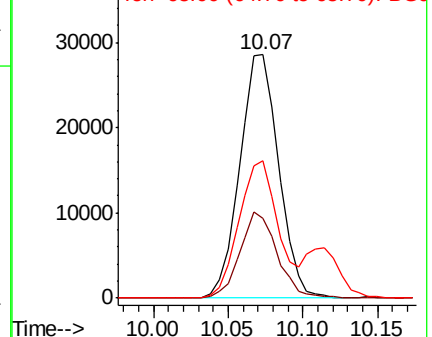
139 100

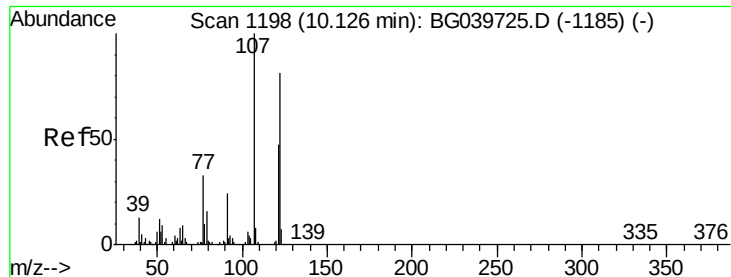
109 32.6 23.4 35.0

65 56.3 44.3 66.5



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

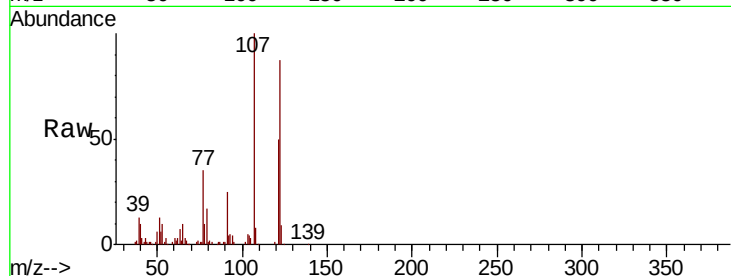




#27
2,4-Dimethylphenol
Concen: 40.046 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.5	91.7	137.5
121	56.9	46.4	69.6

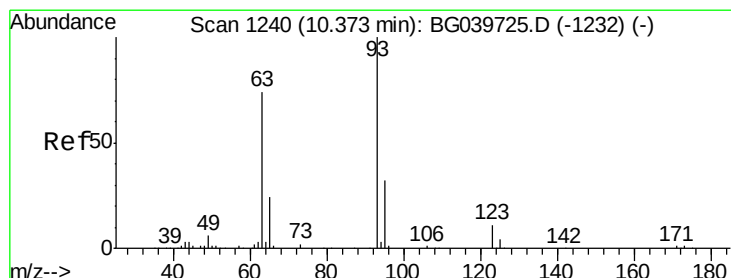
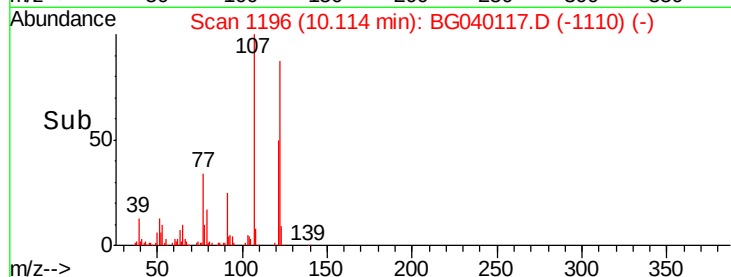
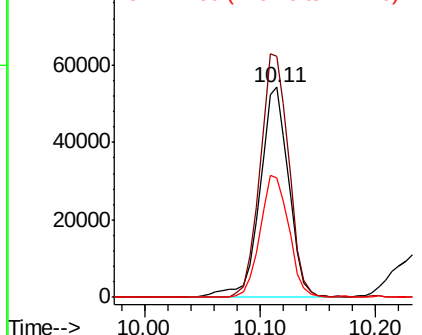


Abundance

Ion 122.00 (121.70 to 122.70): E

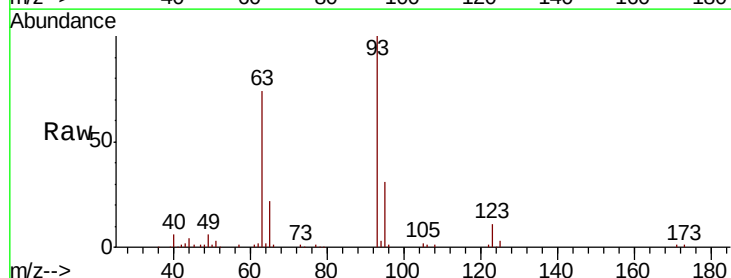
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 31.641 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.0	37.4
123	10.7	8.6	12.8

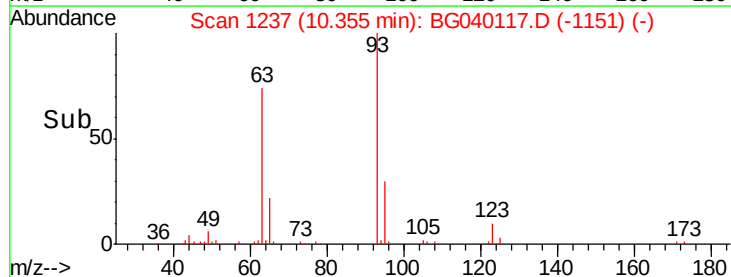
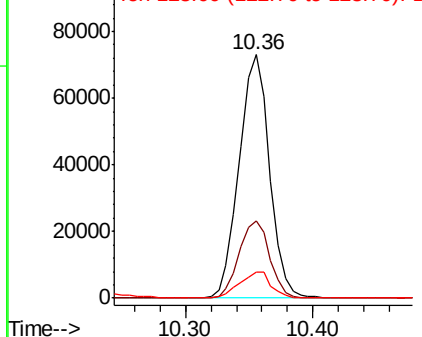


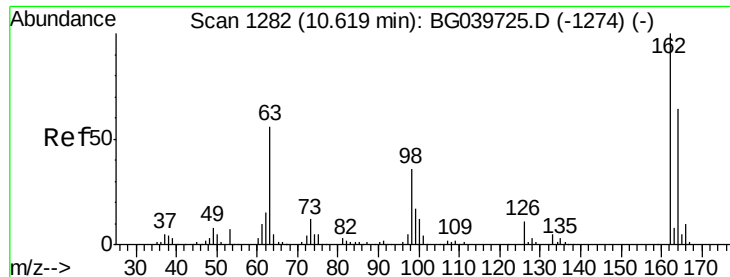
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.494 ng

RT: 10.60 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

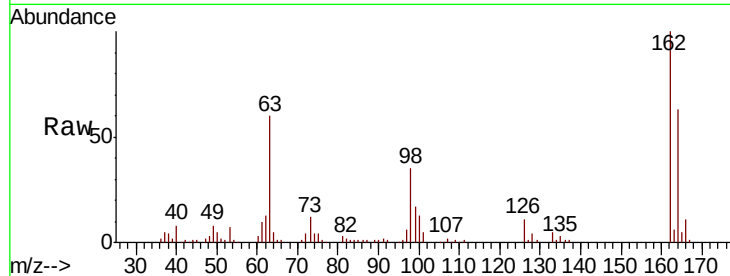
Tgt Ion:162 Resp: 99968

Ion Ratio Lower Upper

162 100

164 63.2 48.1 88.1

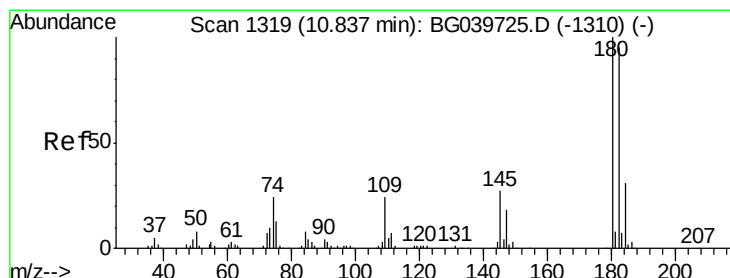
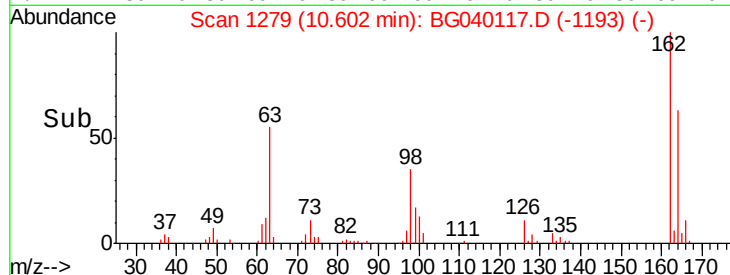
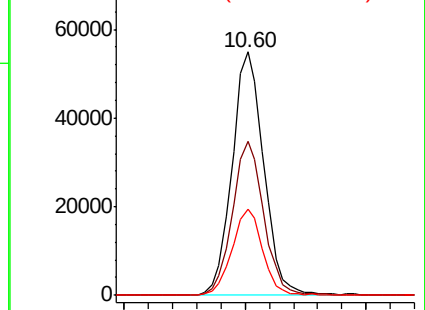
98 35.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 32.922 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

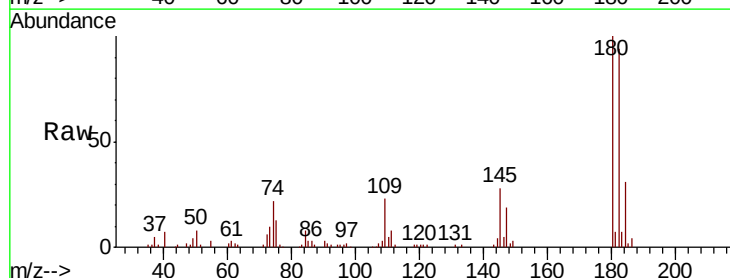
Tgt Ion:180 Resp: 98771

Ion Ratio Lower Upper

180 100

182 94.5 76.0 114.0

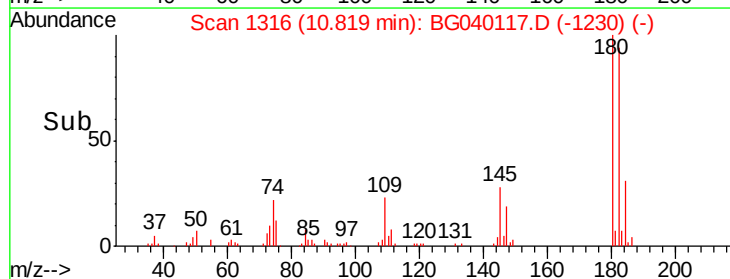
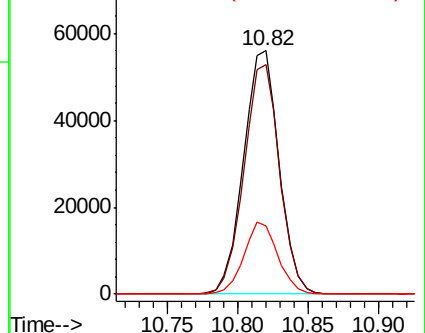
145 28.1 22.7 34.1

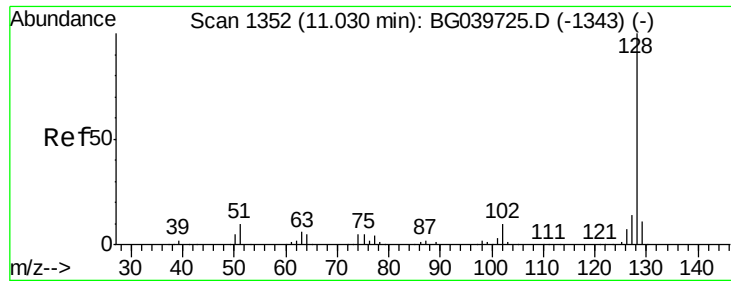


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

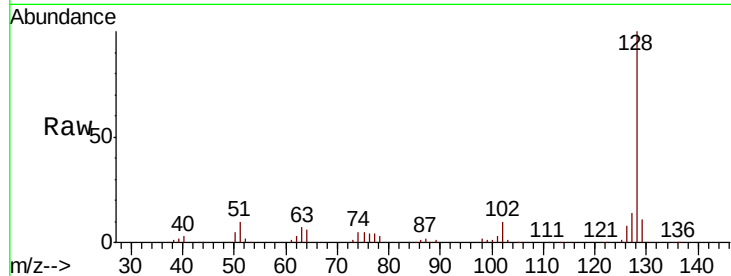




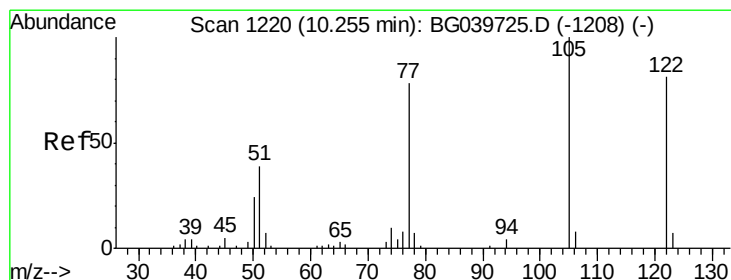
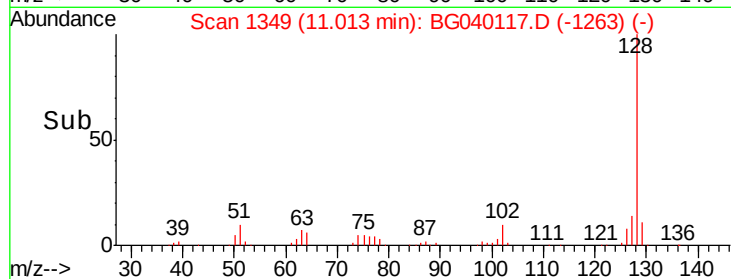
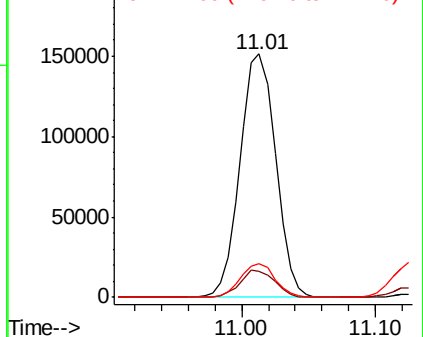
#31
Naphthalene
Concen: 32.500 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Tgt Ion:128 Resp: 279760
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 14.0 10.8 16.2

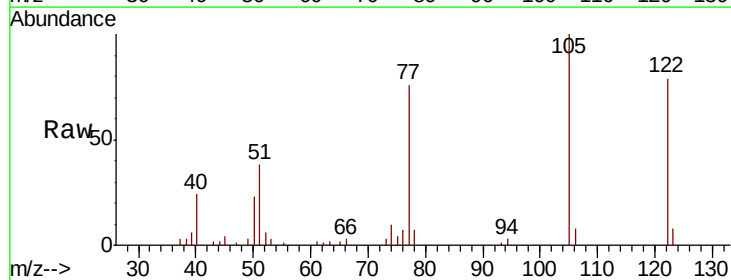


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

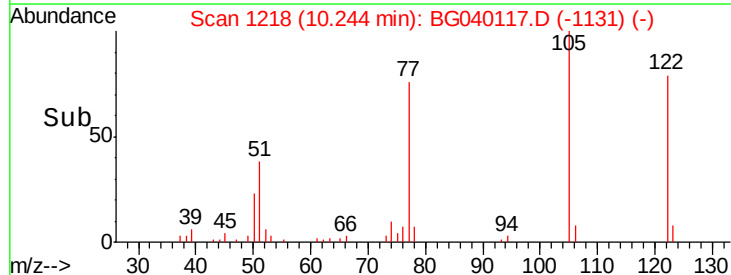
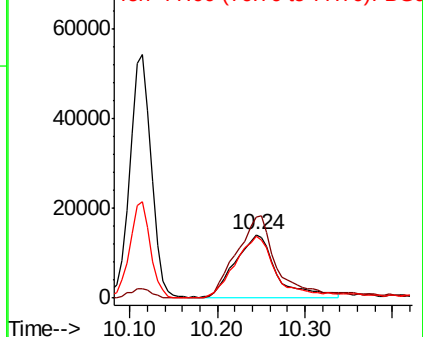


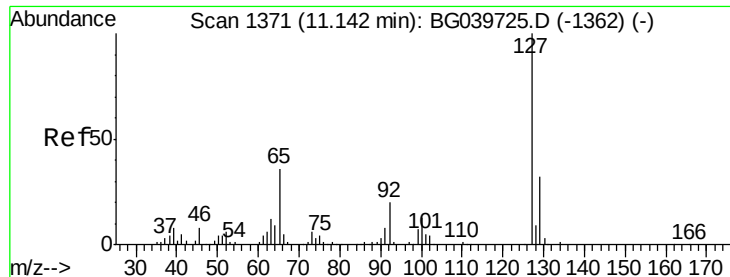
#32
Benzoic acid
Concen: 30.260 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion:122 Resp: 44604
Ion Ratio Lower Upper
122 100
105 126.8 101.8 141.8
77 96.4 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): BGO

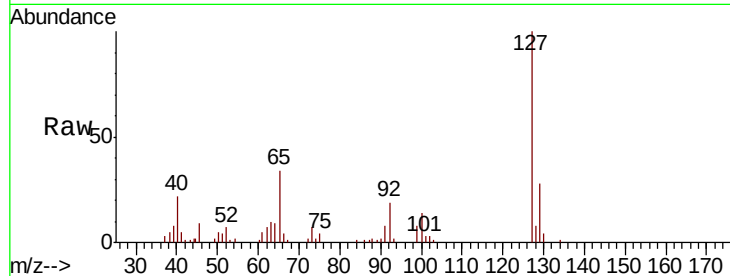




#33
4-Chloroaniline
Concen: 12.315 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Tgt Ion:	127	Resp:	44953
Ion	Ratio	Lower	Upper
127	100		
129	27.8	27.0	40.4
65	33.6	28.8	43.2
92	18.8	16.6	25.0



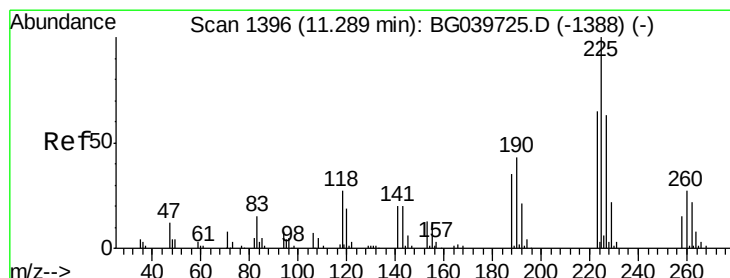
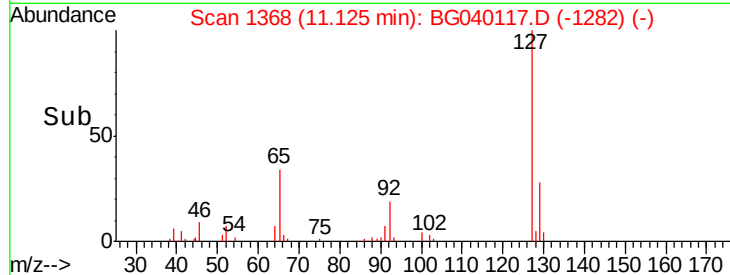
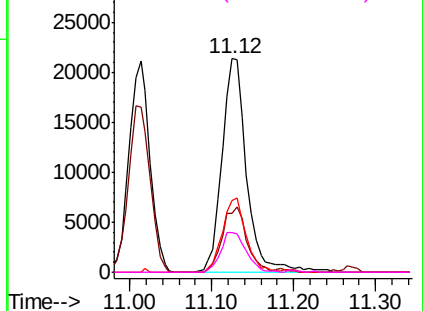
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

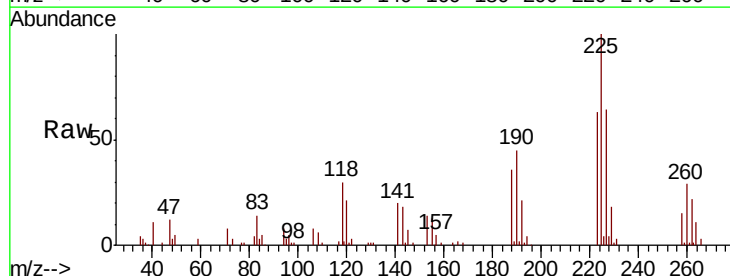
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 31.546 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion:	225	Resp:	64675
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	63.9	46.3	69.5

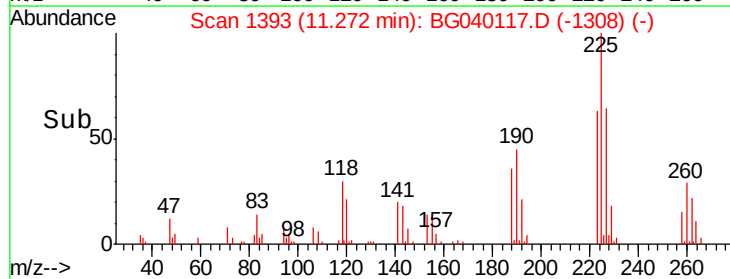
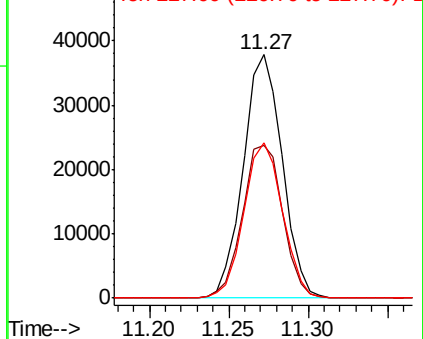


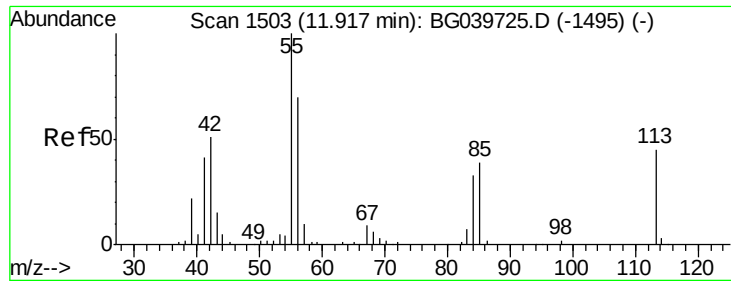
Abundance

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

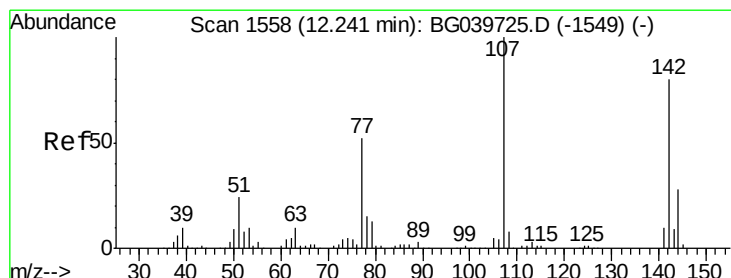
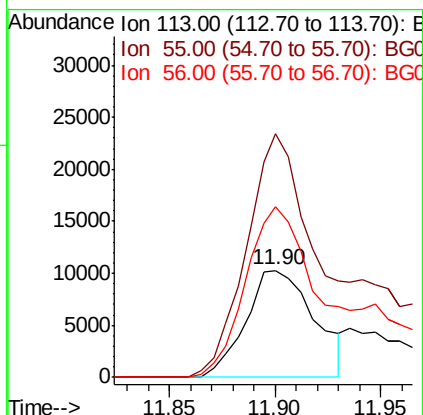
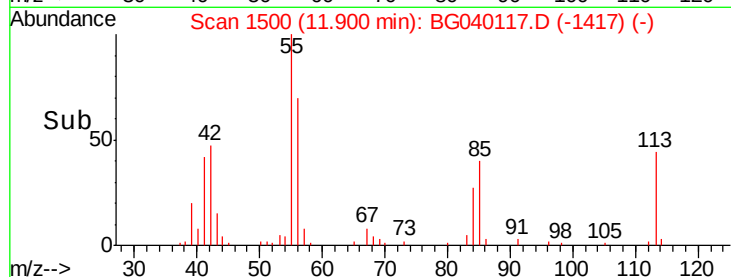
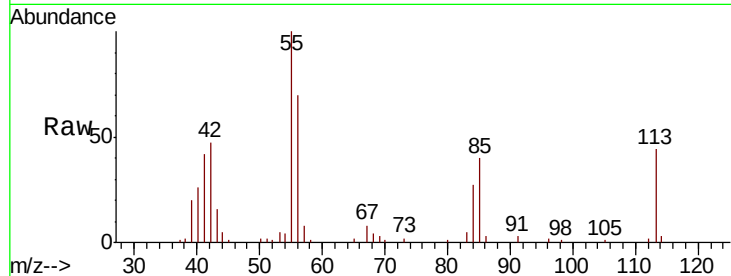




#35
 Caprolactam
 Concen: 22.724 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.04 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

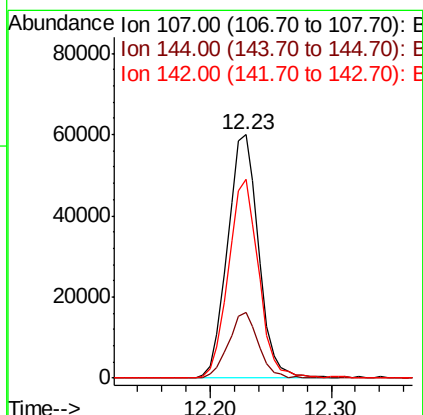
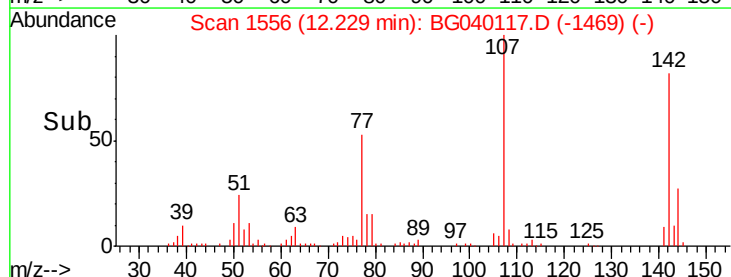
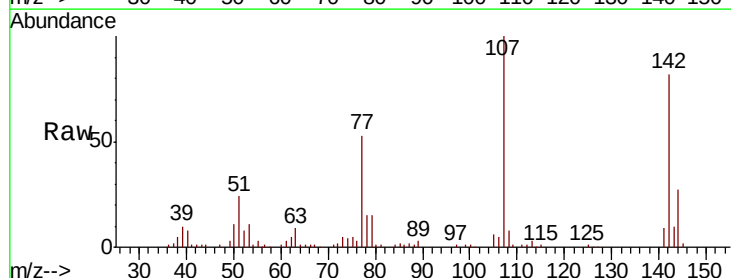
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

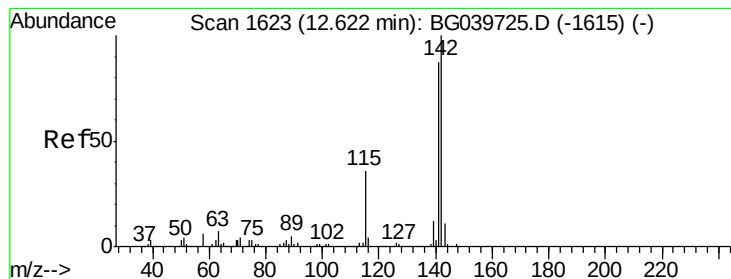
Tgt Ion:113 Resp: 23144
 Ion Ratio Lower Upper
 113 100
 55 227.4 216.9 256.9
 56 159.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 35.187 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion:107 Resp: 107544
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.2 30.2
 142 81.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 33.113 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

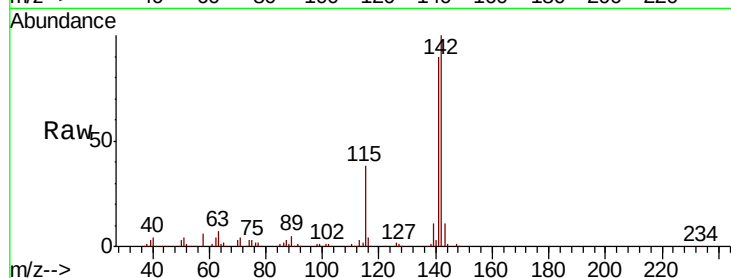
Tgt Ion:142 Resp: 213100

Ion Ratio Lower Upper

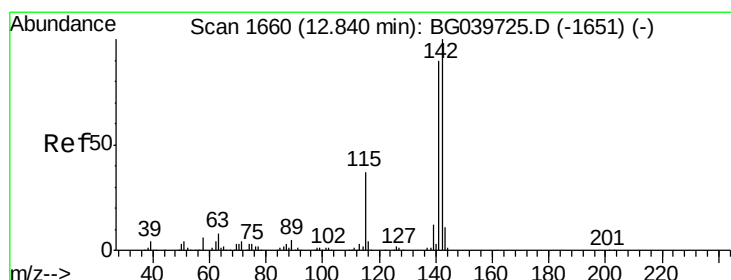
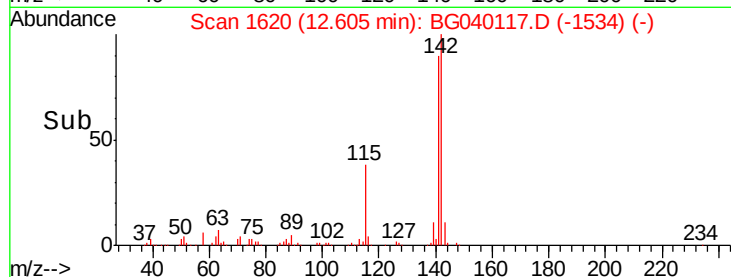
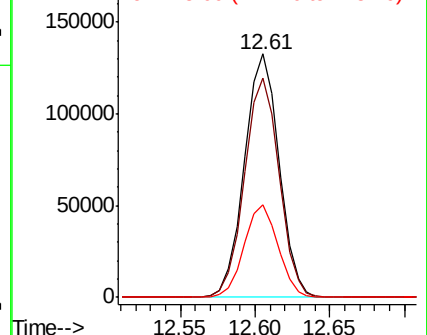
142 100

141 90.2 73.5 110.3

115 38.3 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.073 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.24 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

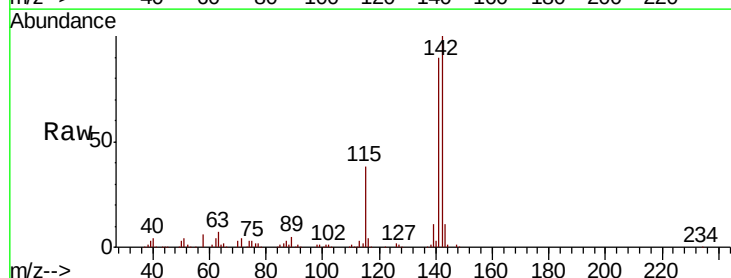
Tgt Ion:142 Resp: 213100

Ion Ratio Lower Upper

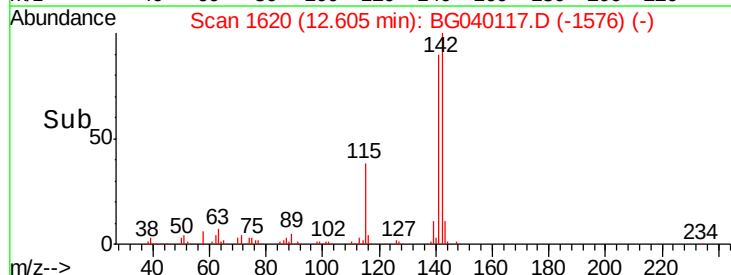
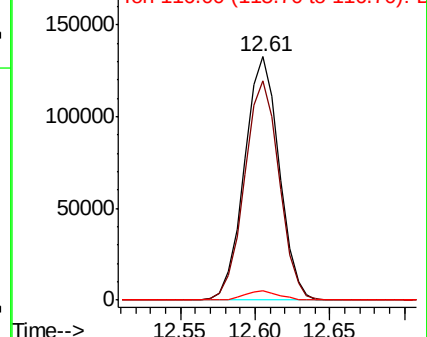
142 100

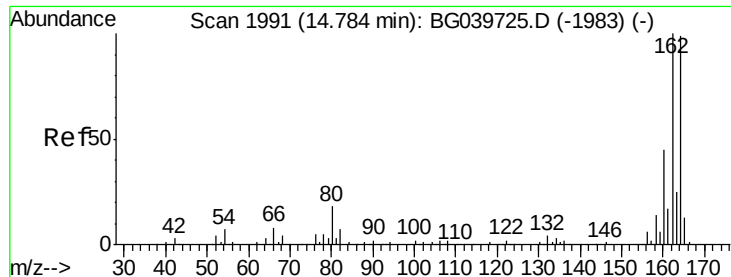
141 90.2 74.2 111.4

116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

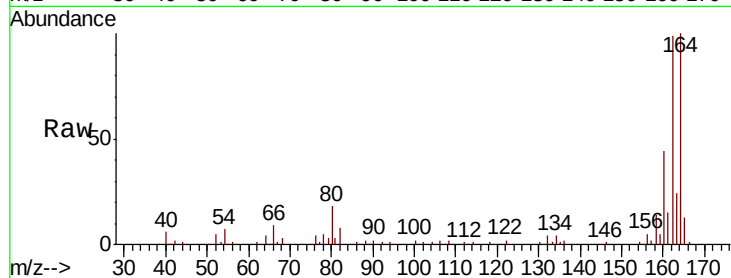
Tgt Ion:164 Resp: 114326

Ion Ratio Lower Upper

164 100

162 98.9 81.6 122.4

160 43.7 34.2 51.2

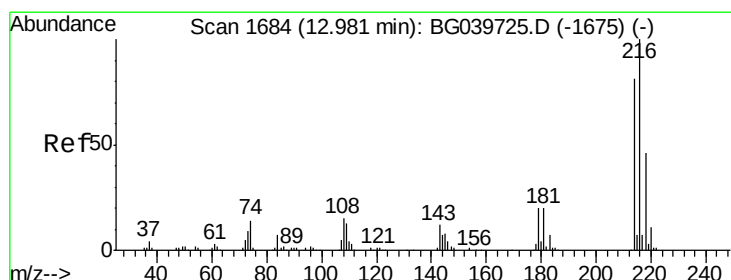
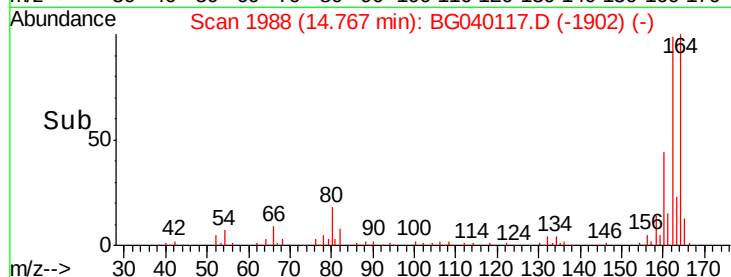
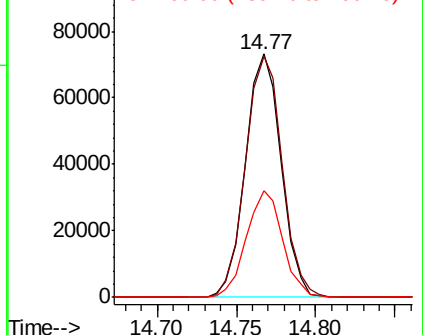


Abundance

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: 31.331 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Tgt Ion:216 Resp: 121346

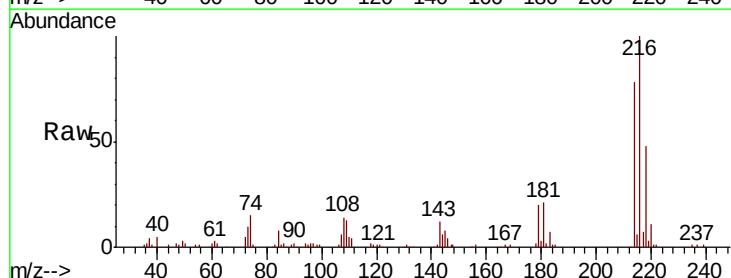
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.1 16.6 25.0

108 17.6 14.0 21.0



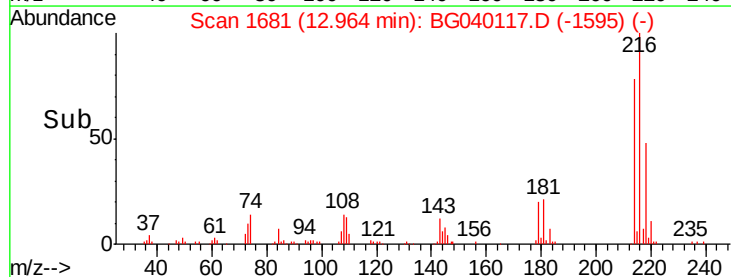
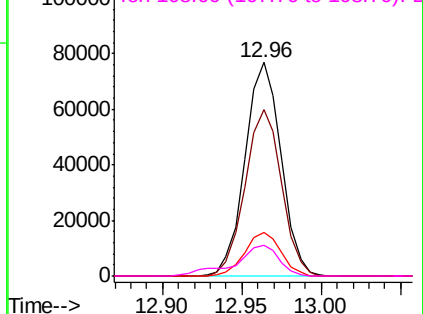
Abundance

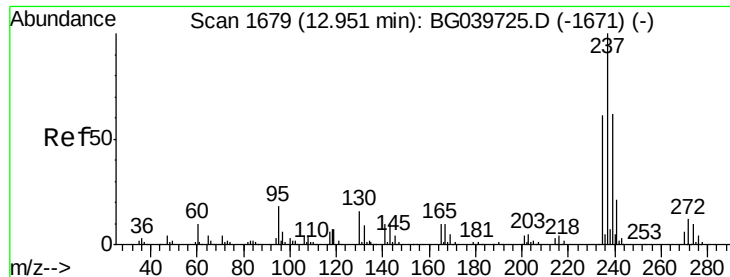
Ion 216.00 (215.70 to 216.70): E

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: 76.939 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

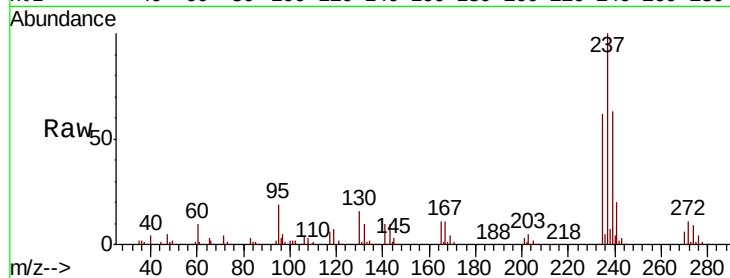
Tgt Ion:237 Resp: 159694

Ion Ratio Lower Upper

237 100

235 62.0 43.3 83.3

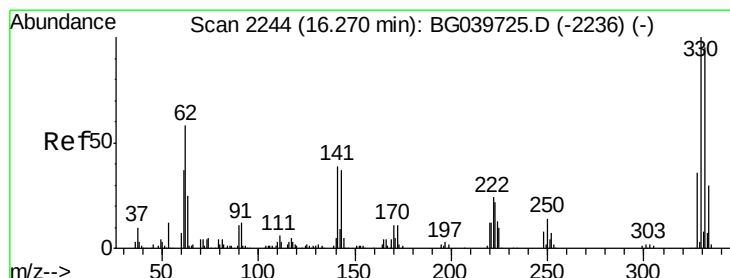
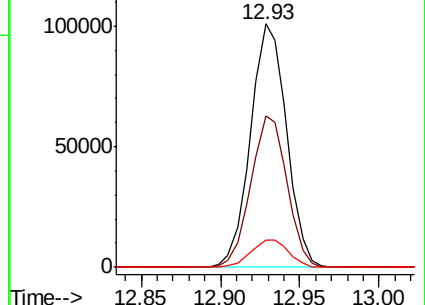
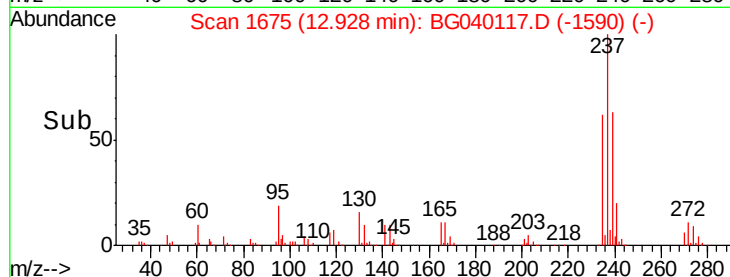
272 11.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.859 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

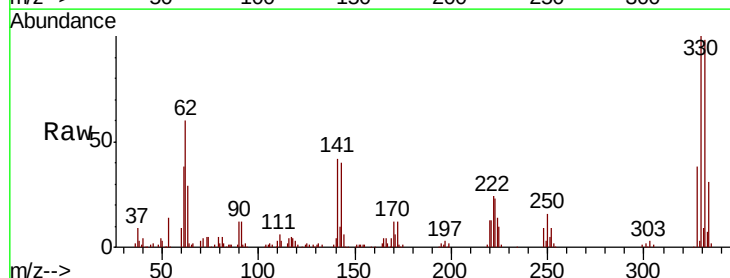
Tgt Ion:330 Resp: 147726

Ion Ratio Lower Upper

330 100

332 98.3 75.7 113.5

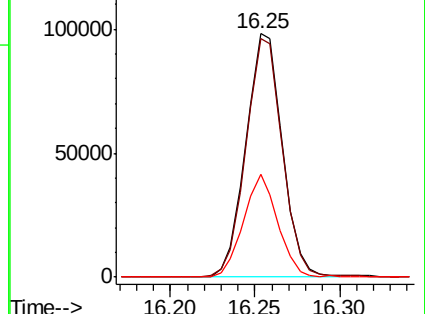
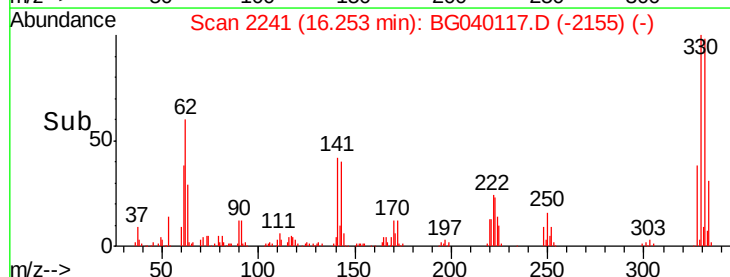
141 39.9 35.6 53.4

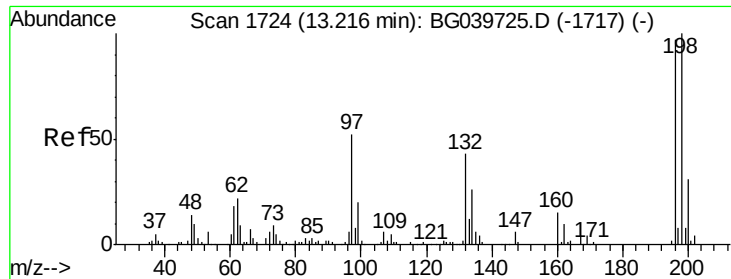


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

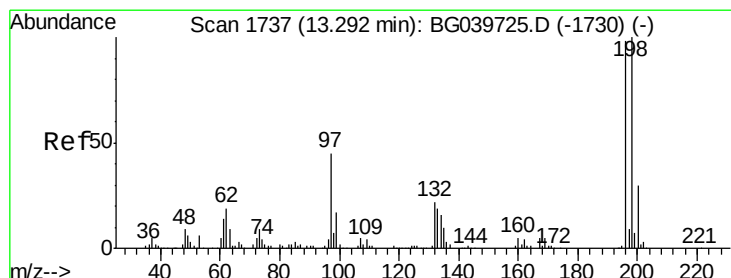
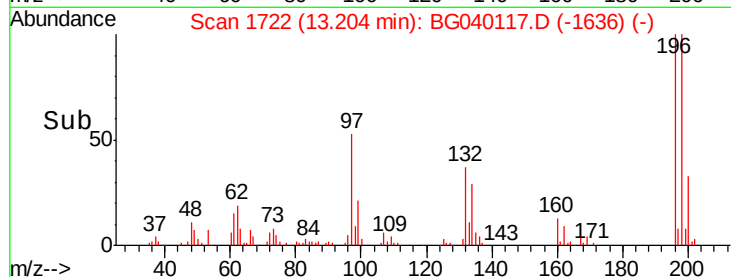
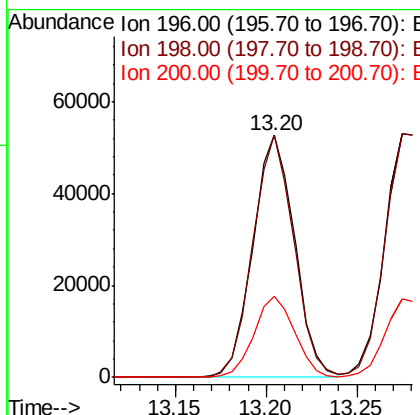
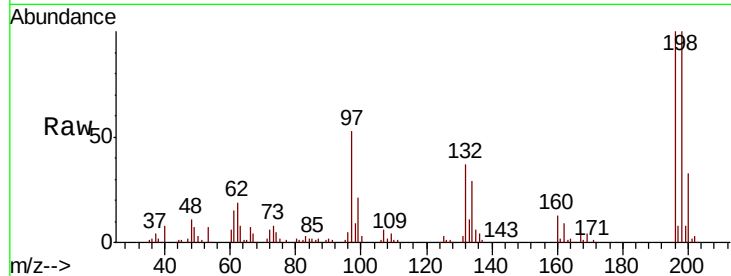




#43
 2,4,6-Trichlorophenol
 Concen: 37.050 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

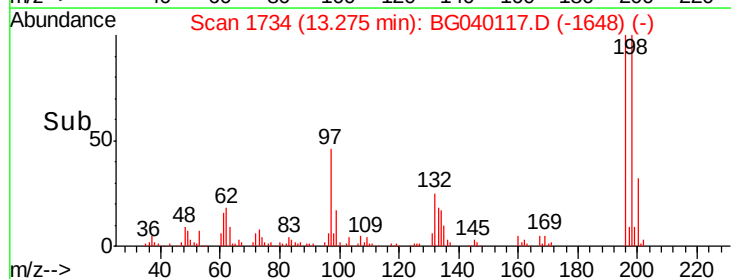
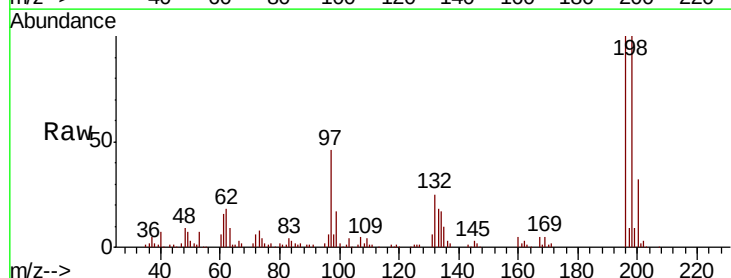
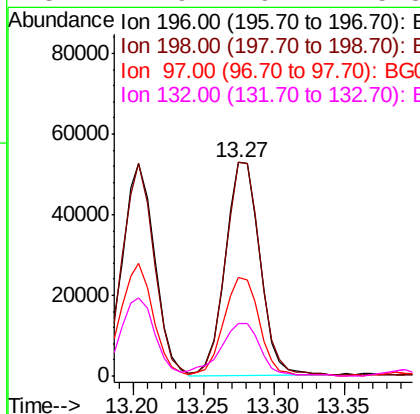
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

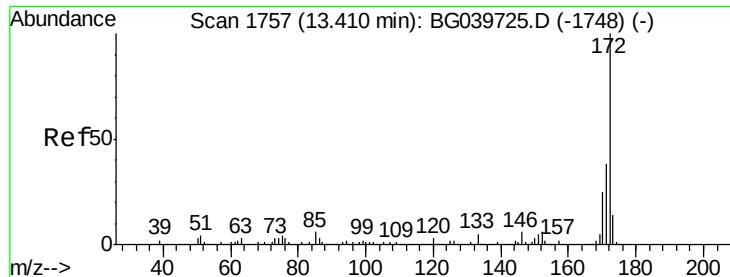
Tgt Ion:196 Resp: 84012
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.6 121.0
 200 33.6 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 35.164 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion:196 Resp: 89875
 Ion Ratio Lower Upper
 196 100
 198 99.8 78.5 117.7
 97 46.3 38.4 57.6
 132 24.9 19.2 28.8

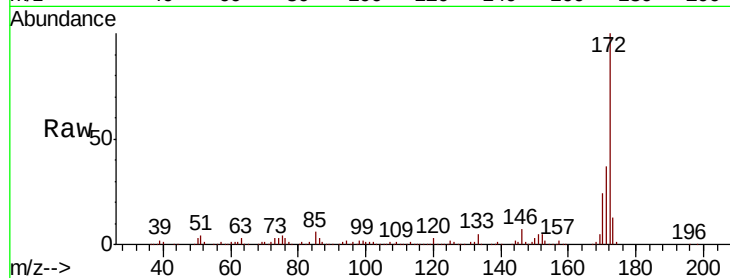




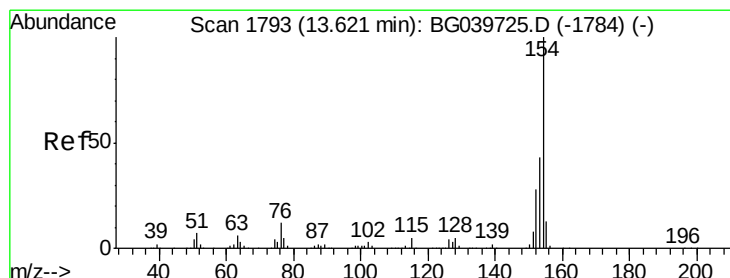
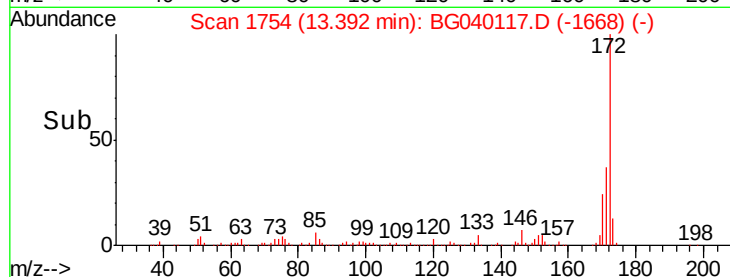
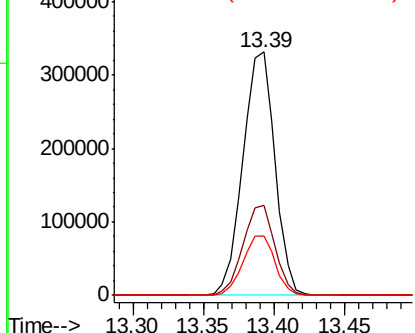
#45
 2-Fluorobiphenyl
 Concen: 65.715 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

Tgt Ion:172 Resp: 527658
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.3 20.2 30.4

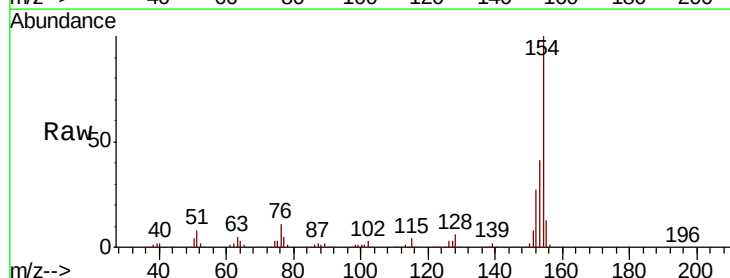


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

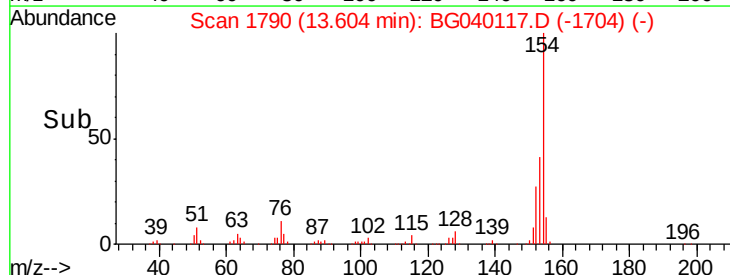
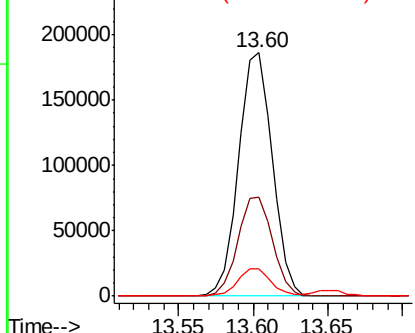


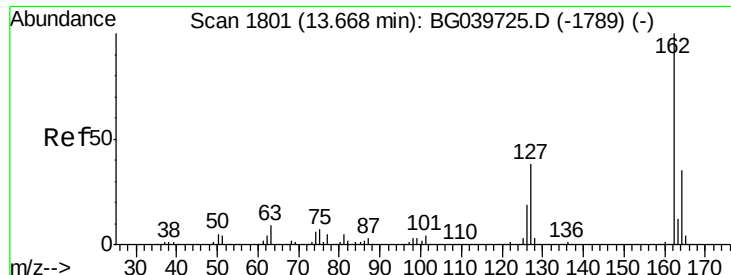
#46
 1,1'-Biphenyl
 Concen: 31.039 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion:154 Resp: 291867
 Ion Ratio Lower Upper
 154 100
 153 40.7 22.1 62.1
 76 11.4 0.0 32.4



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

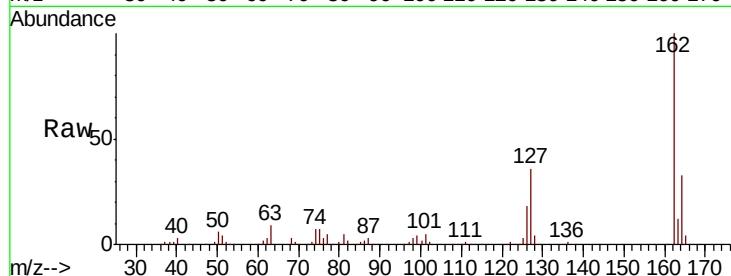




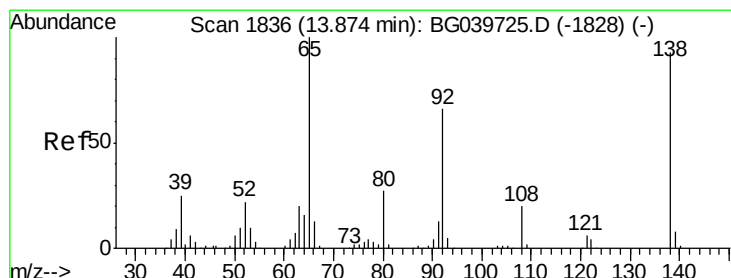
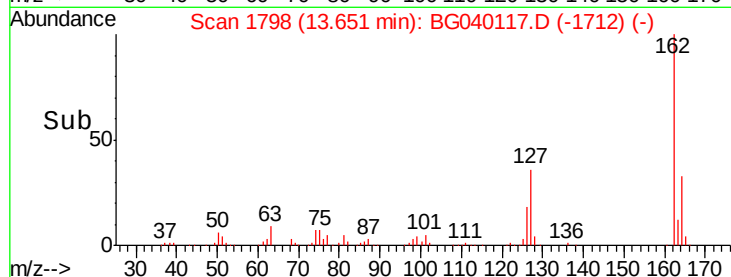
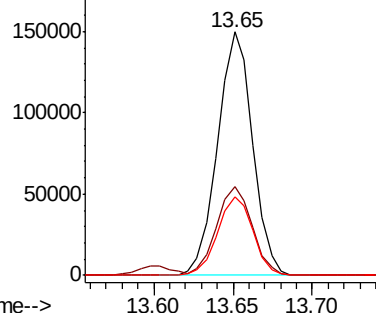
#47
 2-Chloronaphthalene
 Concen: 32.476 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

Tgt Ion: 162 Resp: 229730
 Ion Ratio Lower Upper
 162 100
 127 36.4 31.0 46.6
 164 32.5 25.7 38.5

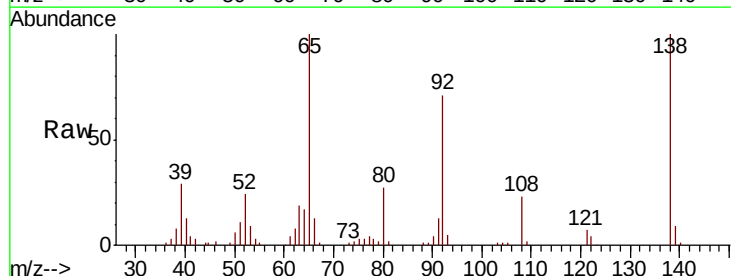


Abundance Ion 162.00 (161.70 to 162.70): E
 200000 Ion 127.00 (126.70 to 127.70): E
 150000 Ion 164.00 (163.70 to 164.70): E

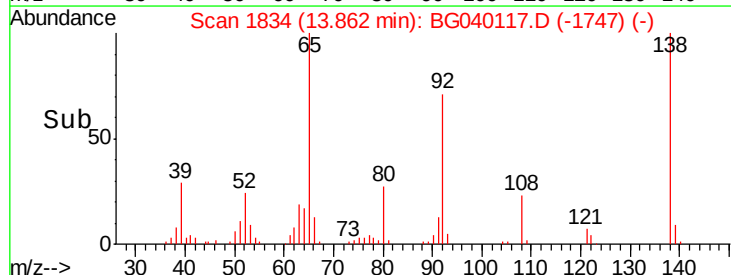
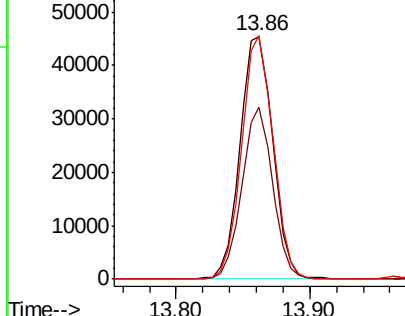


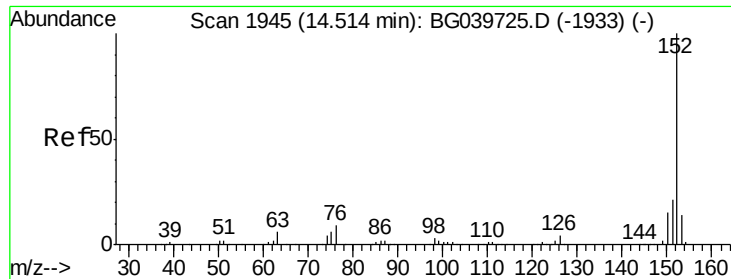
#48
 2-Nitroaniline
 Concen: 33.746 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion: 65 Resp: 76717
 Ion Ratio Lower Upper
 65 100
 92 70.9 51.4 77.2
 138 100.3 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 60000 Ion 92.00 (91.70 to 92.70): BGC
 50000 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 32.335 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

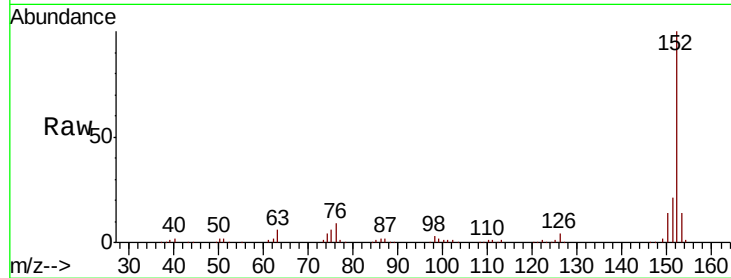
Tgt Ion:152 Resp: 375492

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

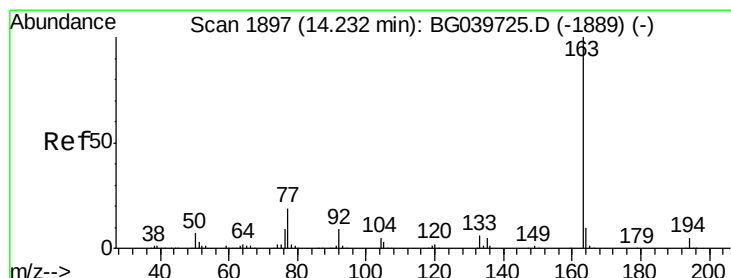
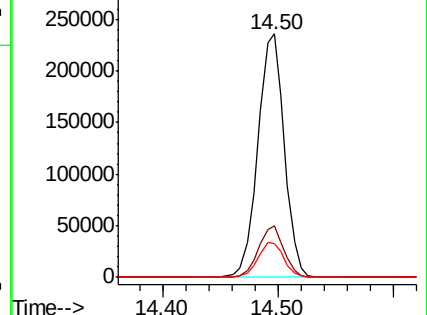
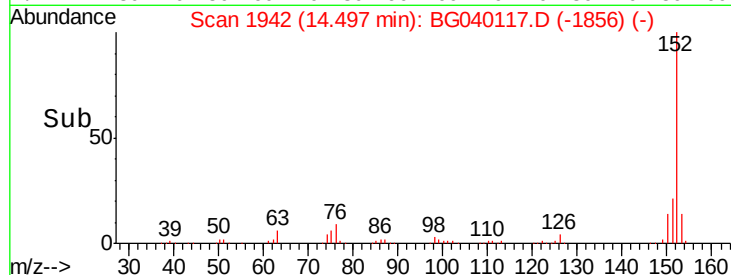
153 13.9 11.7 17.5



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: 32.727 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

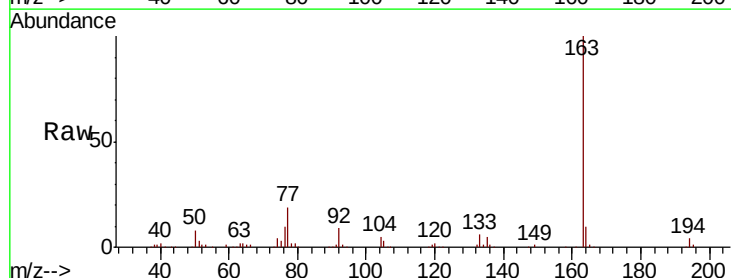
Tgt Ion:163 Resp: 312864

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

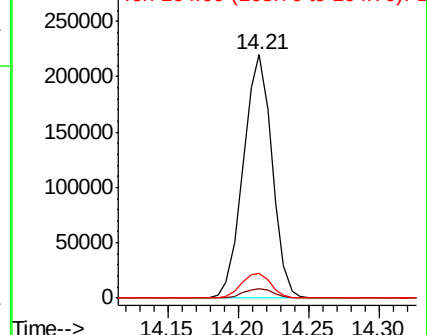
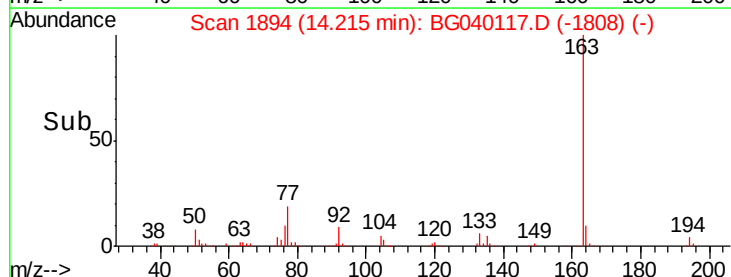
164 10.3 8.4 12.6

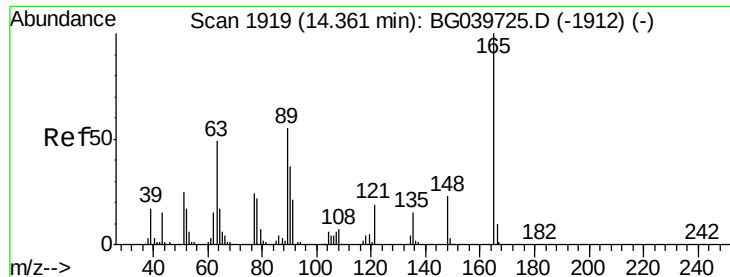


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

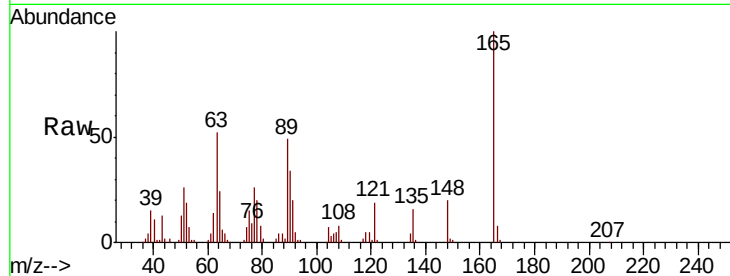




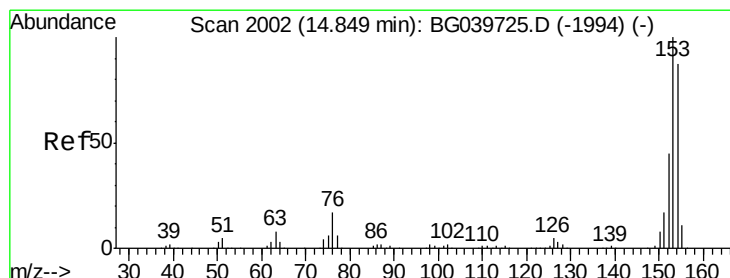
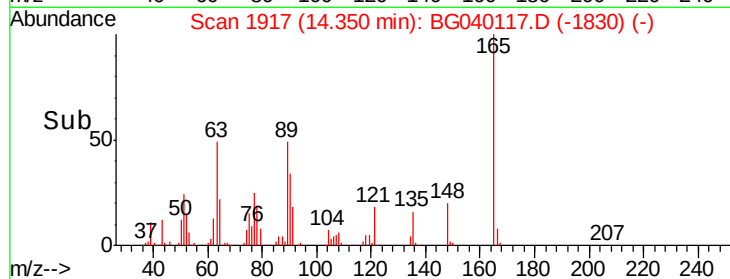
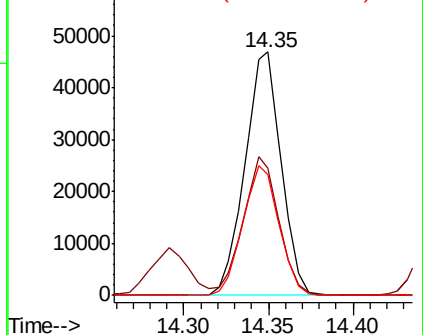
#51
2,6-Dinitrotoluene
Concen: 34.336 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Tgt Ion:165 Resp: 69586
Ion Ratio Lower Upper
165 100
63 52.3 47.0 70.6
89 49.4 45.8 68.8

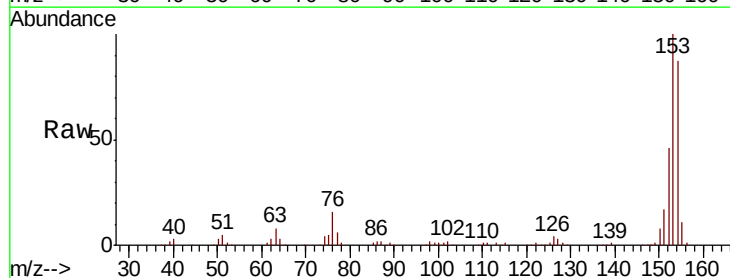


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

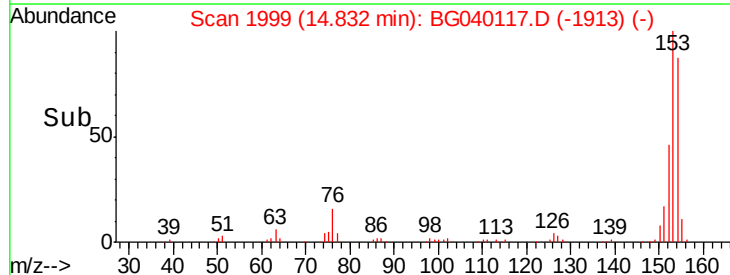
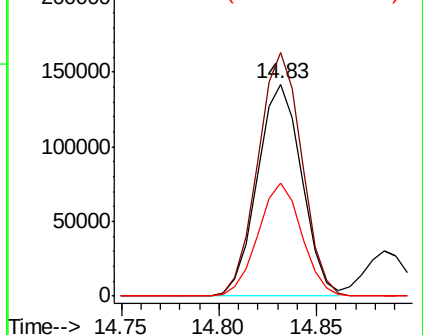


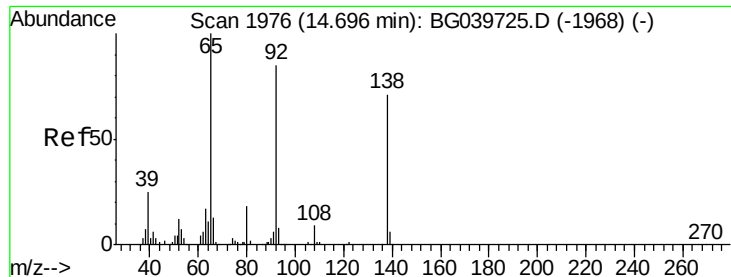
#52
Acenaphthene
Concen: 31.988 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion:154 Resp: 223575
Ion Ratio Lower Upper
154 100
153 114.8 90.1 135.1
152 53.3 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.052 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

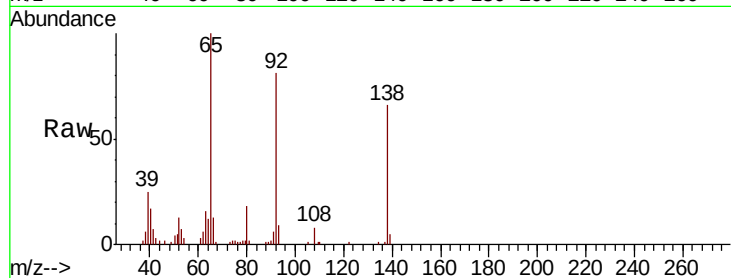
Tgt Ion:138 Resp: 30665

Ion Ratio Lower Upper

138 100

108 11.6 13.8 20.8#

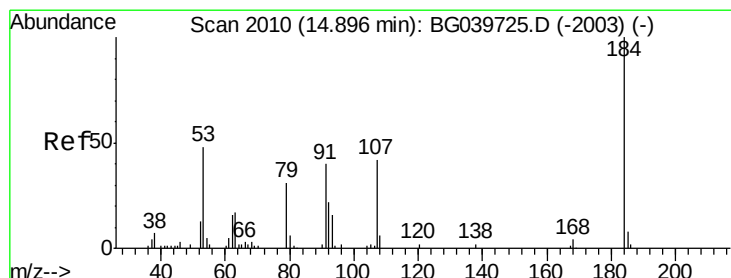
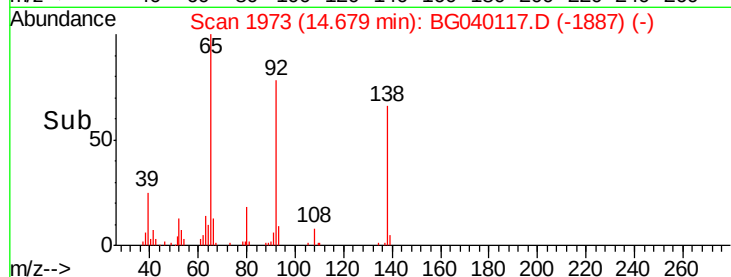
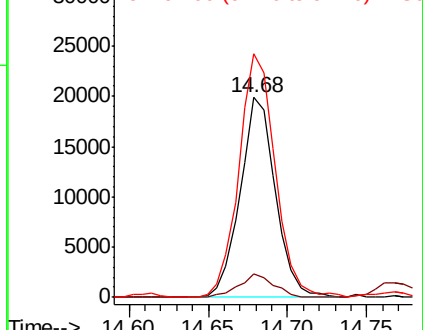
92 121.8 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 58.190 ng

RT: 14.88 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

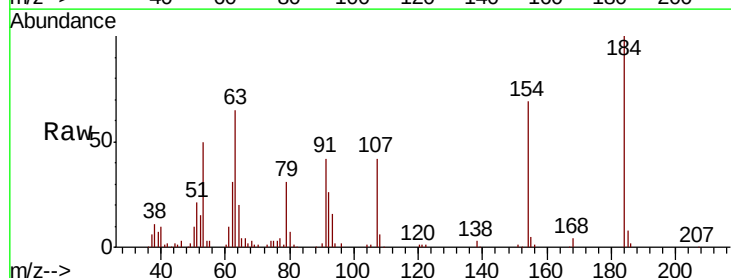
Tgt Ion:184 Resp: 72410

Ion Ratio Lower Upper

184 100

63 65.2 50.9 76.3

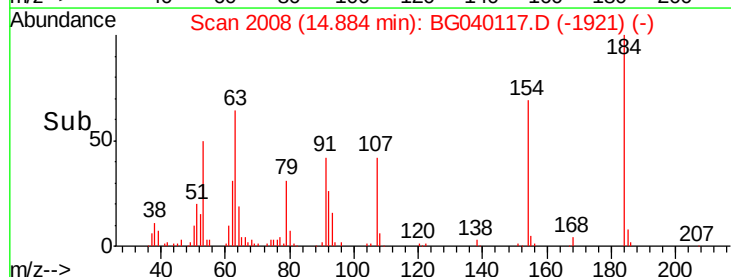
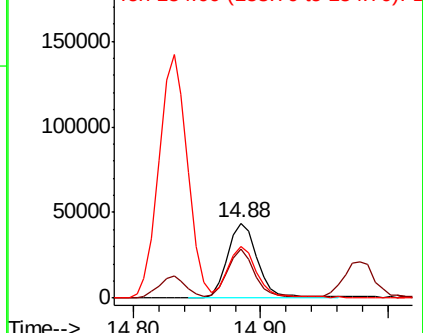
154 68.5 53.0 79.6

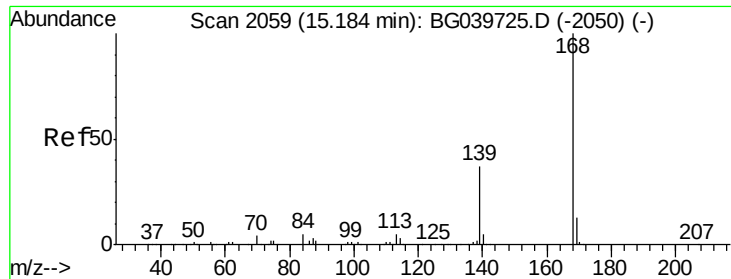


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 32.976 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

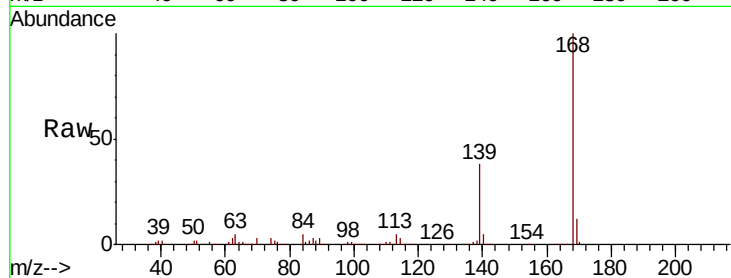
Tgt Ion:168 Resp: 378149

Ion Ratio Lower Upper

168 100

139 37.6 30.1 45.1

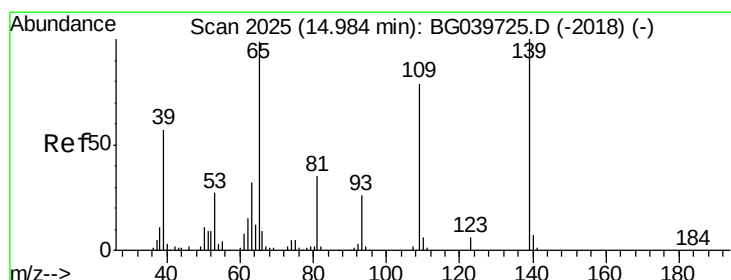
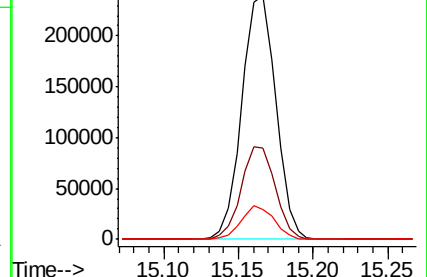
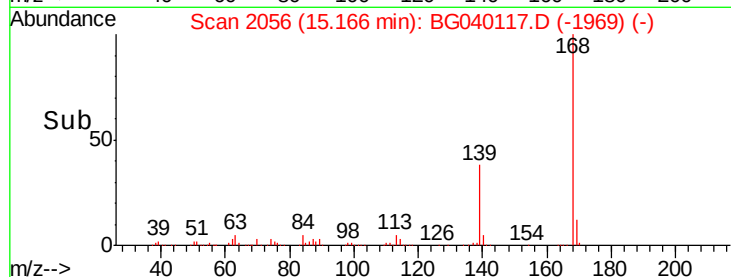
169 12.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 64.638 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

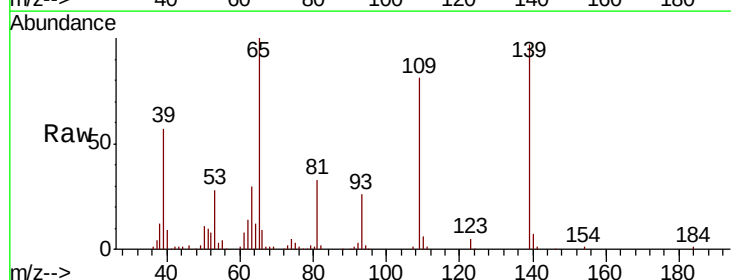
Tgt Ion:139 Resp: 117797

Ion Ratio Lower Upper

139 100

109 83.9 61.9 101.9

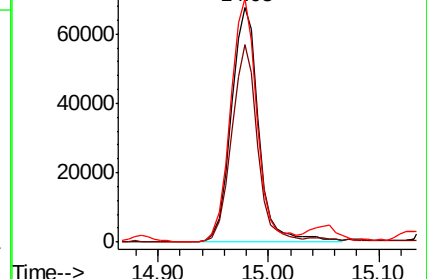
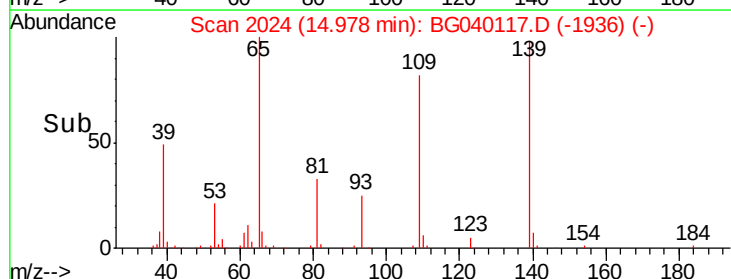
65 103.5 99.1 139.1

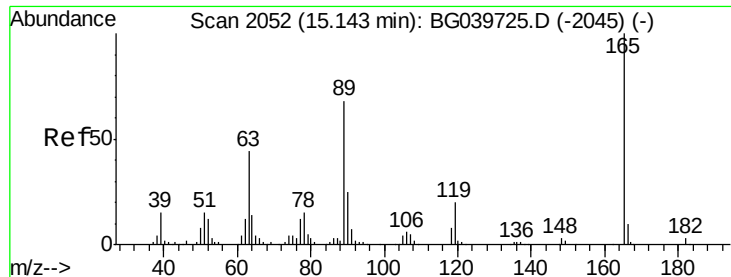


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

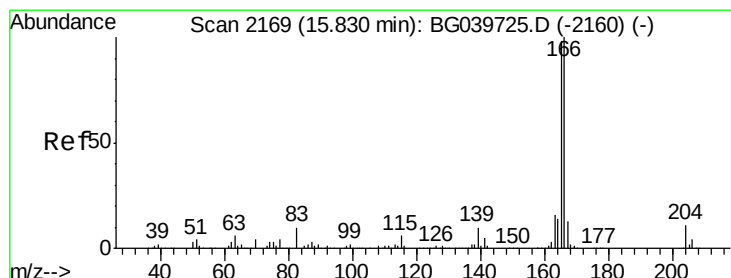
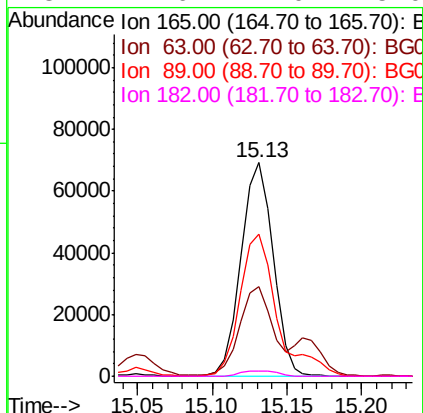
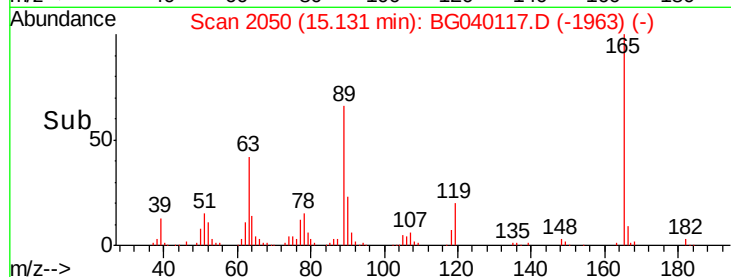
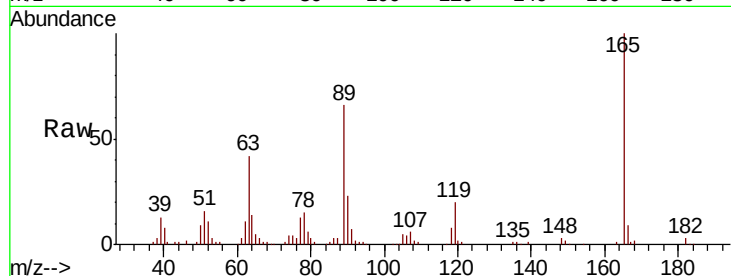




#57
2,4-Dinitrotoluene
Concen: 36.260 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

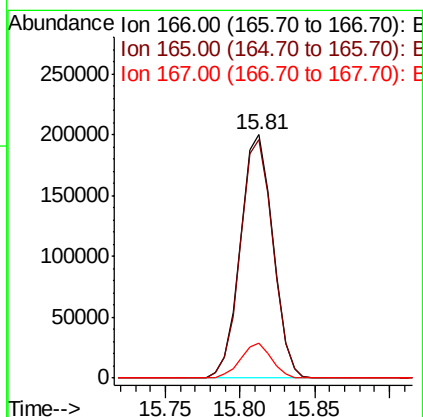
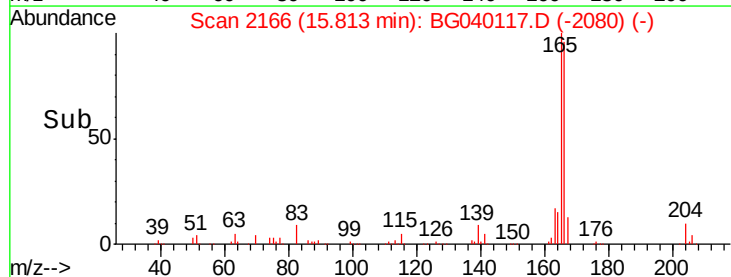
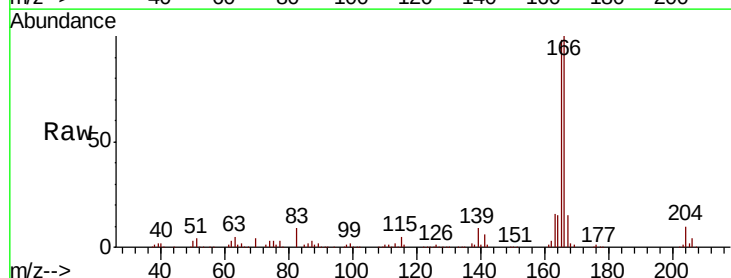
Instrument :
BNA_G
ClientSampleId :
PB118232BS

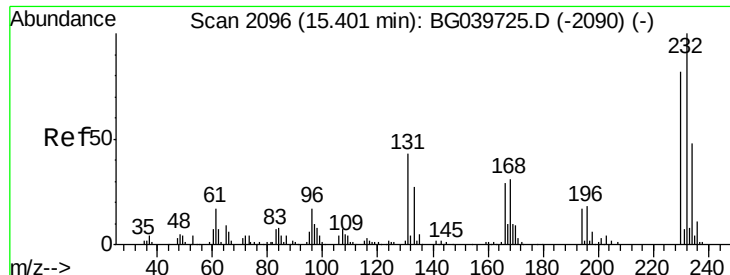
Tgt Ion:	165	Resp:	103257
Ion	Ratio	Lower	Upper
165	100		
63	41.9	41.0	61.6
89	66.3	64.6	96.8
182	2.6	2.0	3.0



#58
Fluorene
Concen: 33.500 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion:	166	Resp:	301993
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.9	116.9
167	14.6	10.8	16.2

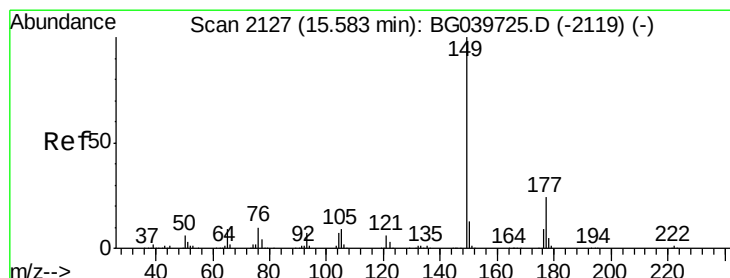
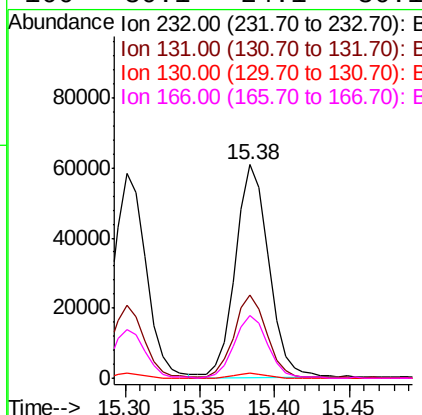
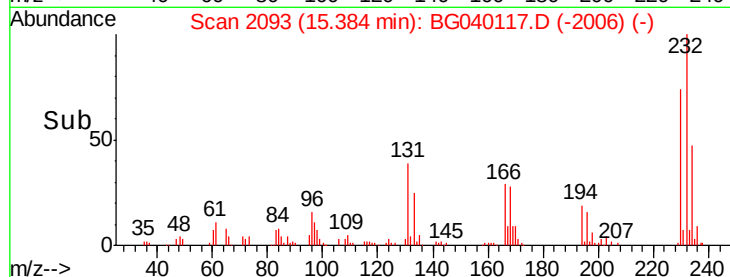
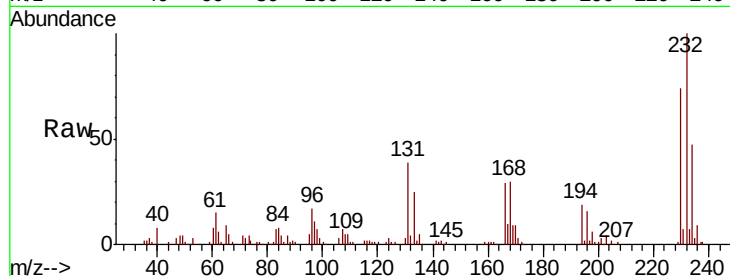




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.774 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

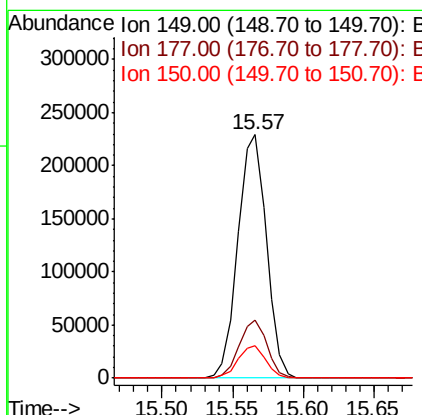
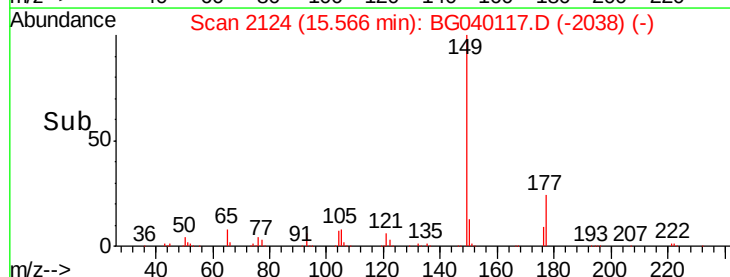
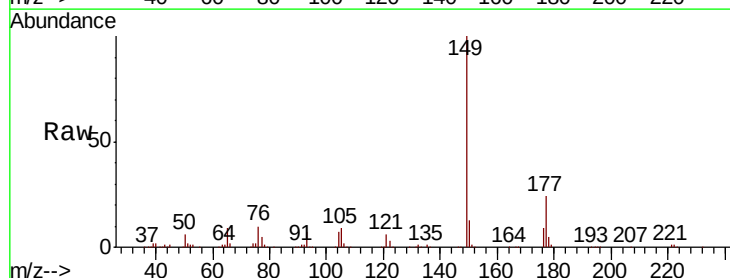
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

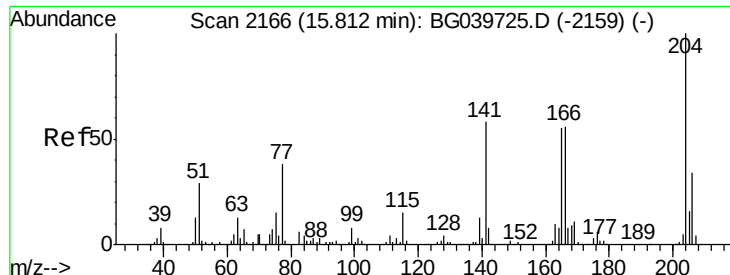
Tgt Ion:	232	Resp:	94290
Ion	Ratio	Lower	Upper
232	100		
131	39.5	34.9	52.3
130	2.4	2.0	3.0
166	30.1	24.1	36.1



#60
 Diethylphthalate
 Concen: 34.130 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion:	149	Resp:	322992
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	13.1	10.2	15.2

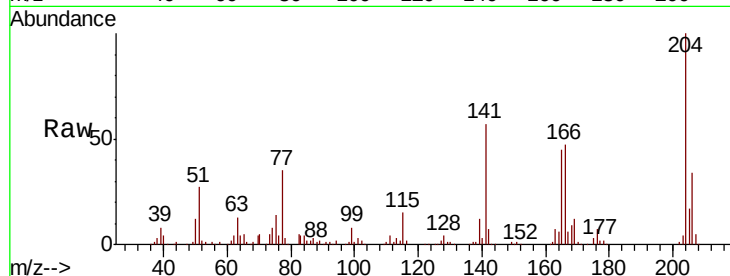




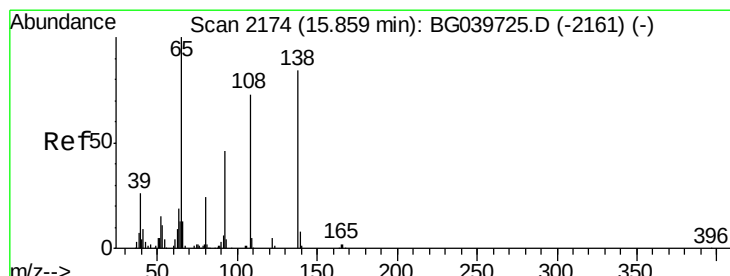
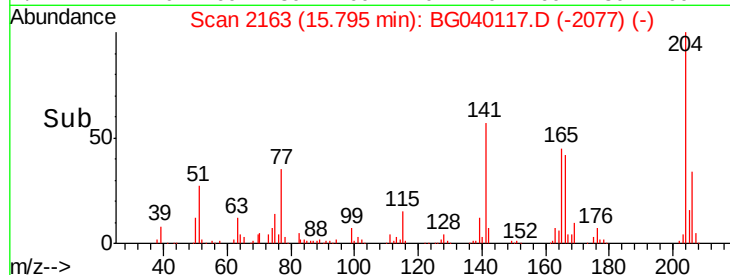
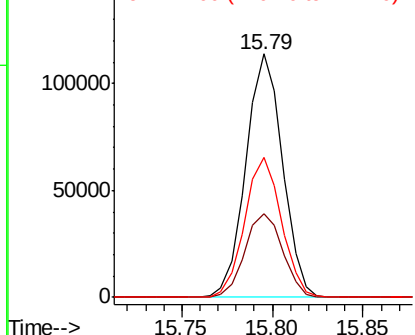
#61
 4-Chlorophenyl-phenylether
 Concen: 33.154 ng
 RT: 15.79 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

Tgt Ion: 204 Resp: 159487
 Ion Ratio Lower Upper
 204 100
 206 34.3 29.2 43.8
 141 57.3 49.0 73.4

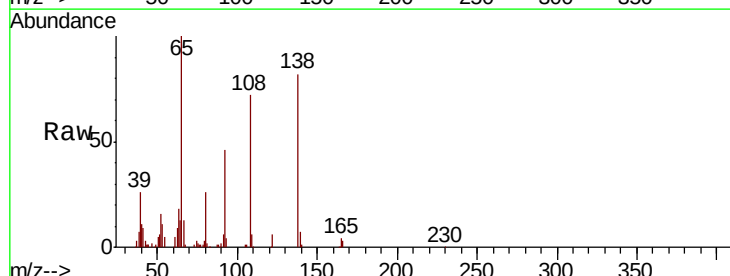


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

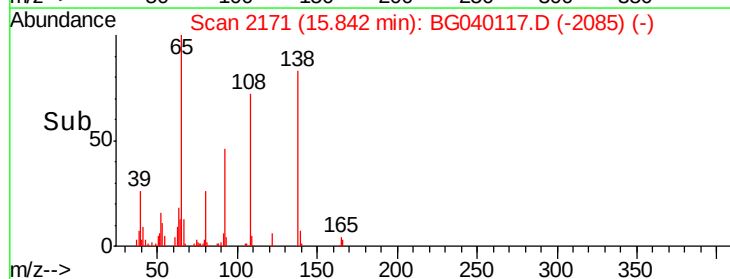
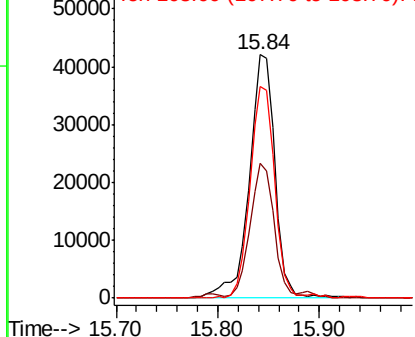


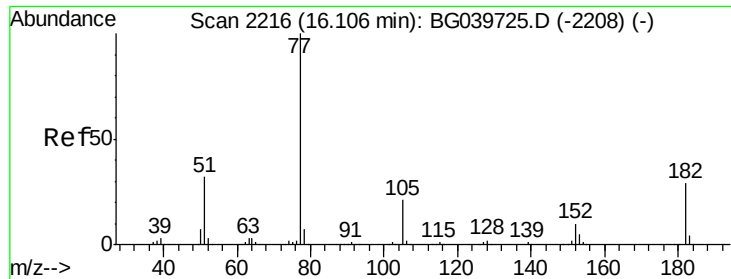
#62
 4-Nitroaniline
 Concen: 33.390 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion: 138 Resp: 73743
 Ion Ratio Lower Upper
 138 100
 92 55.4 38.7 78.7
 108 86.9 74.6 114.6



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

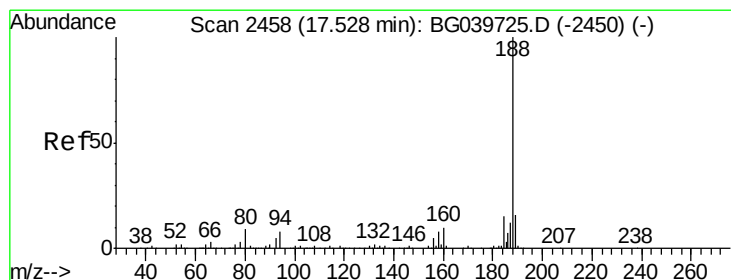
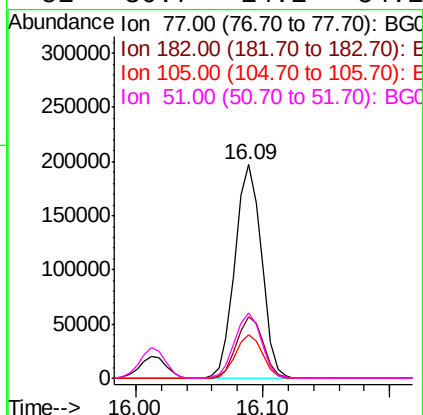
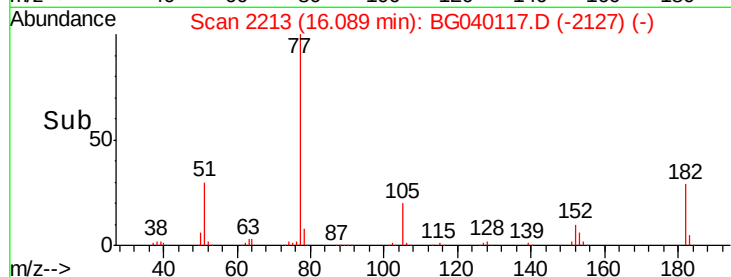
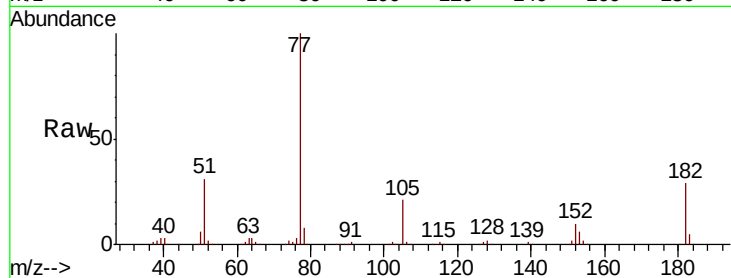




#63
Azobenzene
Concen: 33.196 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

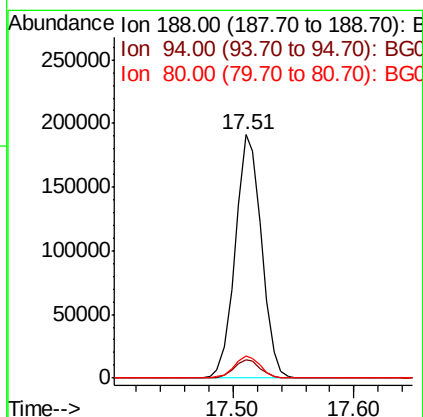
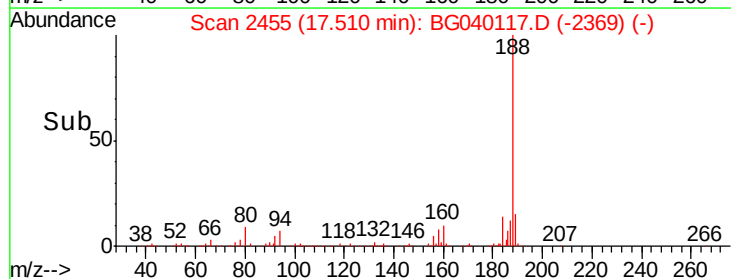
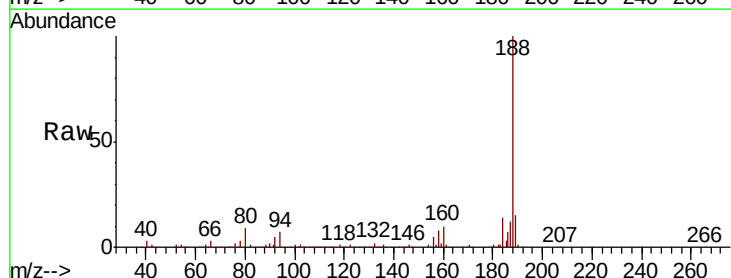
Instrument :
BNA_G
ClientSampleId :
PB118232BS

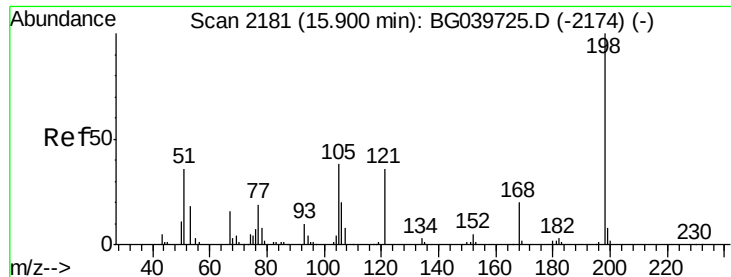
Tgt Ion	Resp	Lower	Upper
77	100		
182	29.0	6.4	46.4
105	20.6	0.0	39.8
51	30.7	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion	Resp	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.0	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.069 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

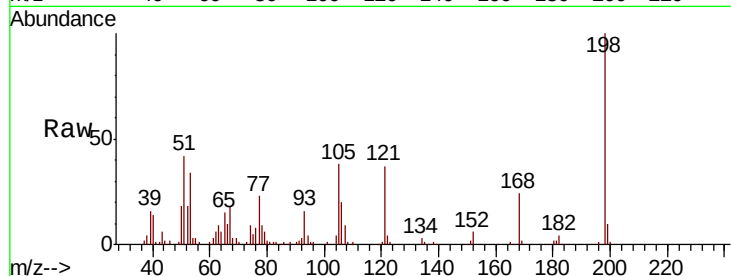
Tgt Ion:198 Resp: 58223

Ion Ratio Lower Upper

198 100

51 42.1 27.4 67.4

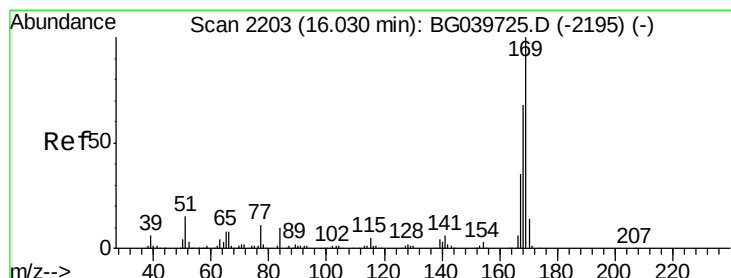
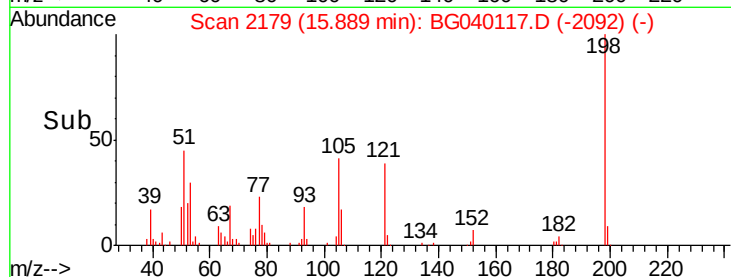
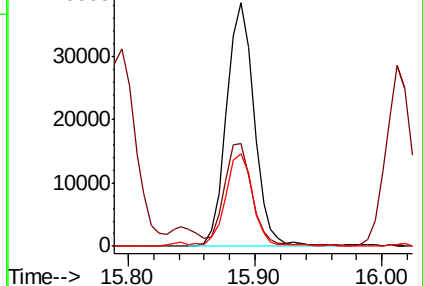
105 38.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.566 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

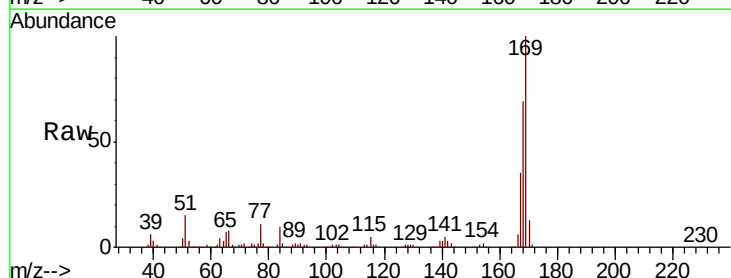
Tgt Ion:169 Resp: 280866

Ion Ratio Lower Upper

169 100

168 68.7 56.6 85.0

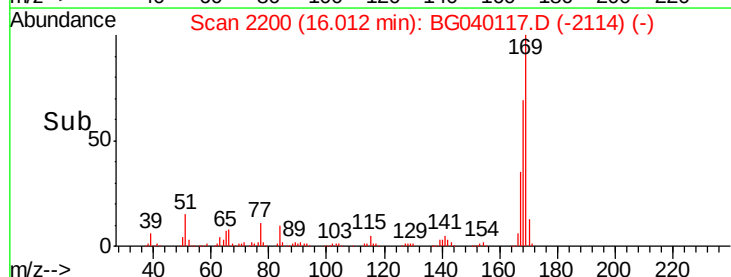
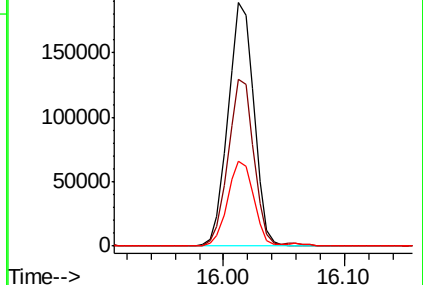
167 34.8 28.8 43.2

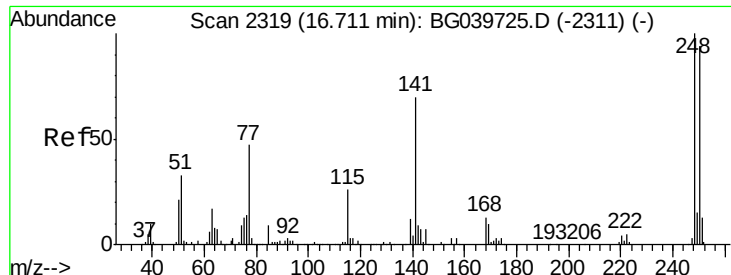


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

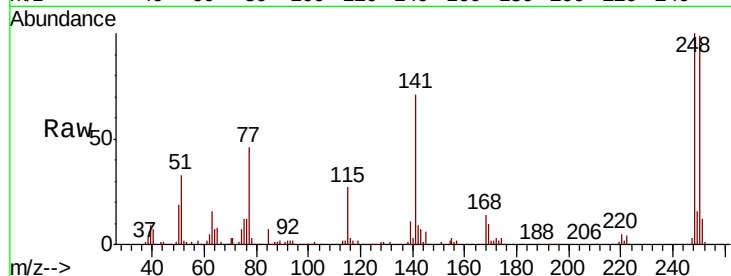




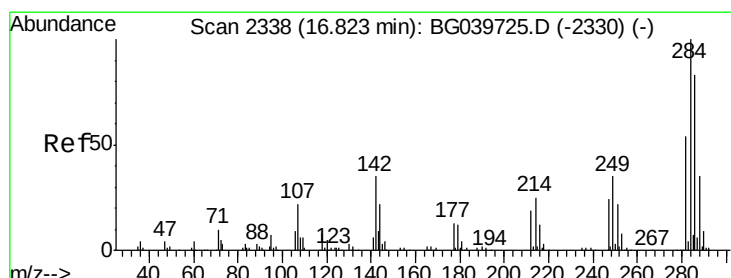
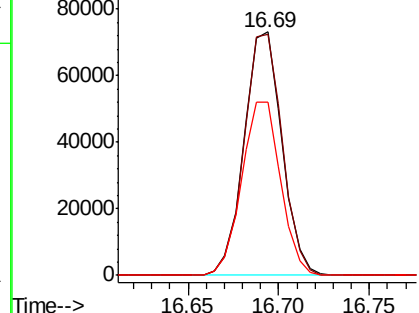
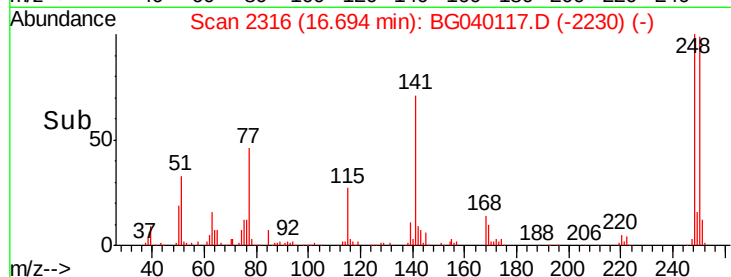
#67
 4-Bromophenyl-phenylether
 Concen: 32.806 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

Tgt Ion:248 Resp: 106134
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.6 116.4
 141 71.1 63.9 95.9

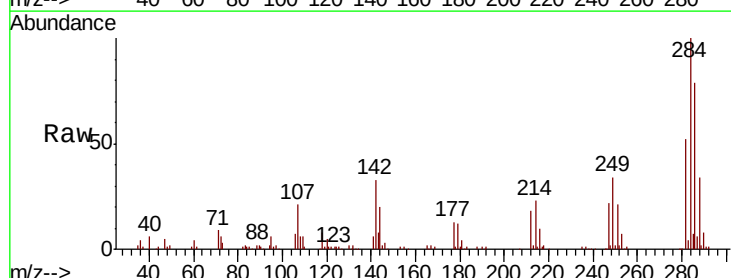


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

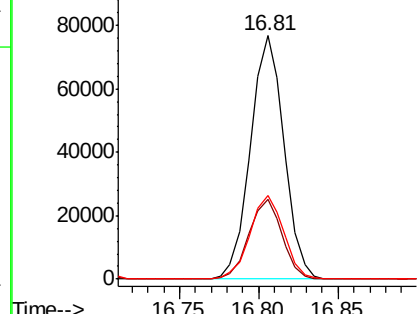
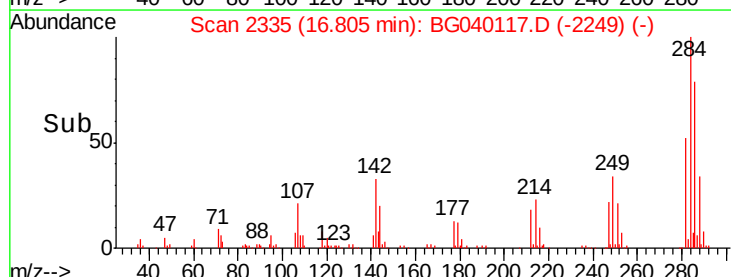


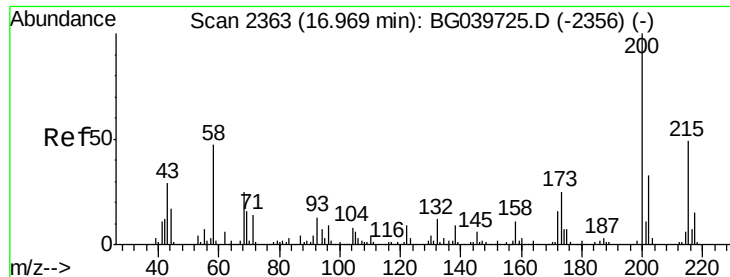
#68
 Hexachlorobenzene
 Concen: 33.611 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion:284 Resp: 112717
 Ion Ratio Lower Upper
 284 100
 142 32.6 30.6 45.8
 249 34.2 28.2 42.2



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





#69

Atrazine

Concen: 34.302 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

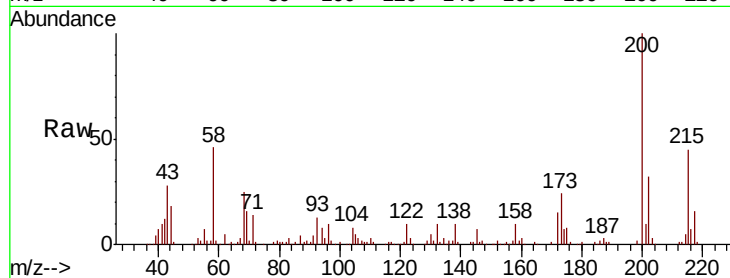
Tgt Ion:200 Resp: 112962

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

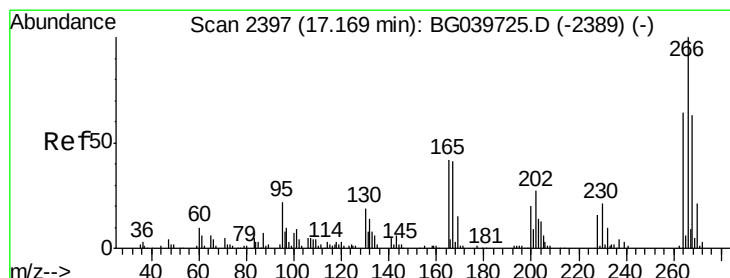
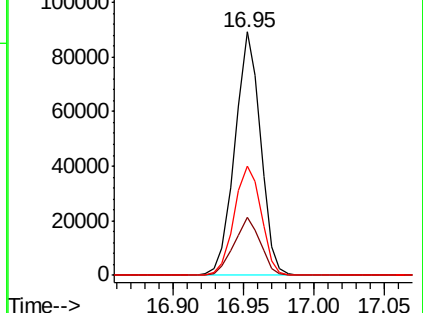
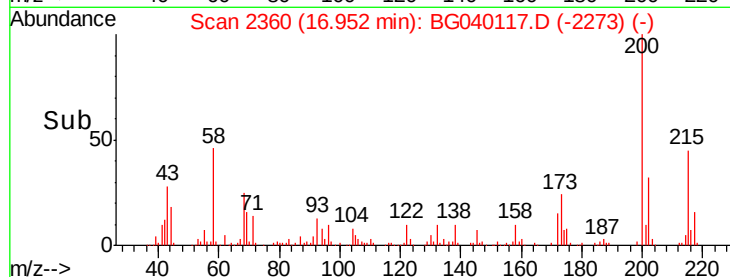
215 44.8 30.9 70.9



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: 62.245 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

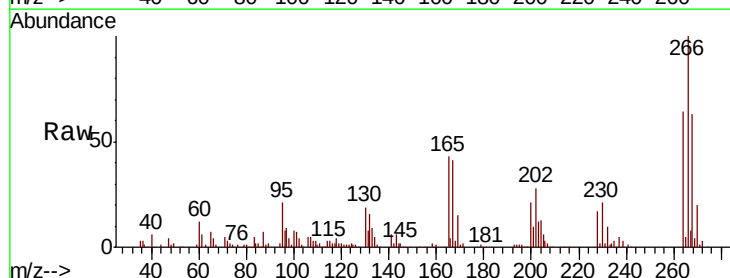
Tgt Ion:266 Resp: 131830

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

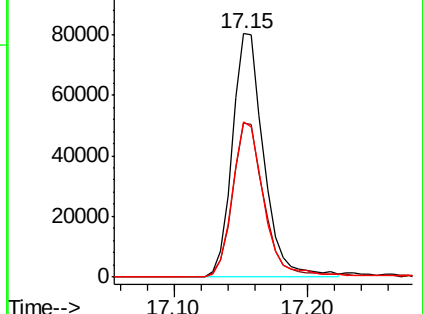
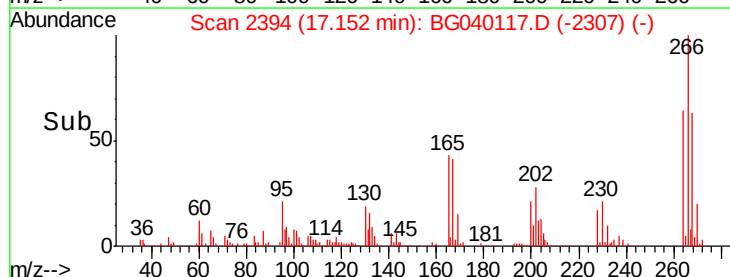
264 63.9 52.1 78.1

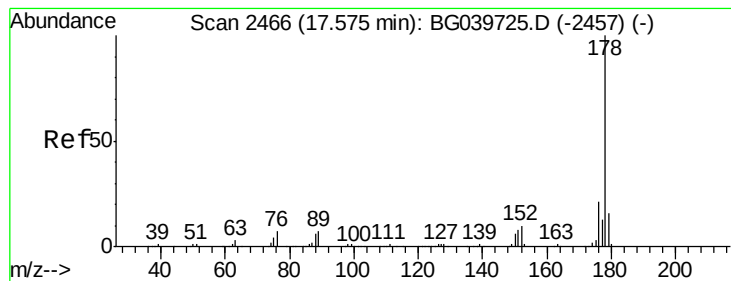


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.048 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

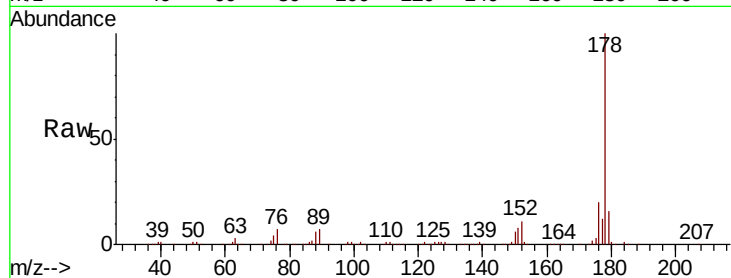
Tgt Ion:178 Resp: 526125

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

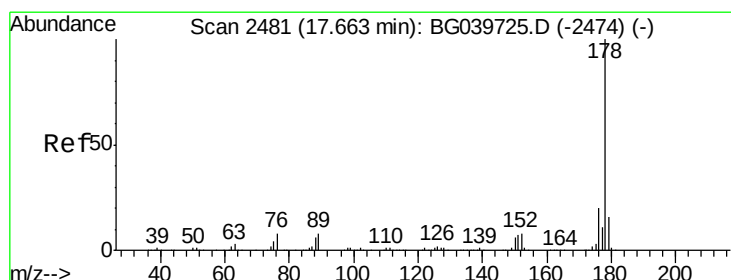
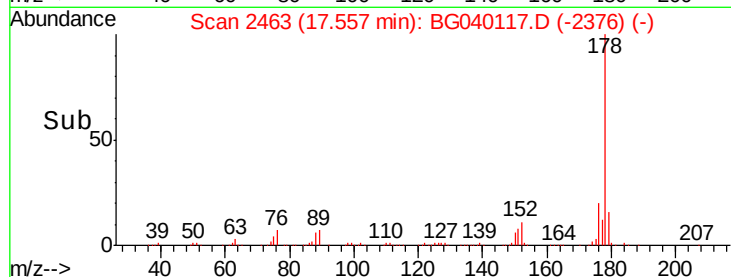
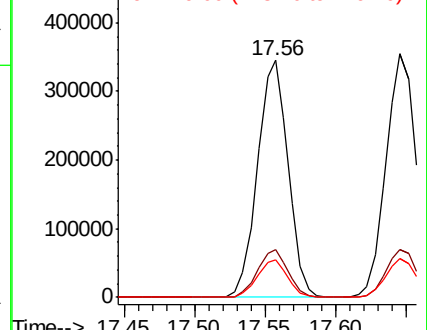
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.427 ng

RT: 17.65 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

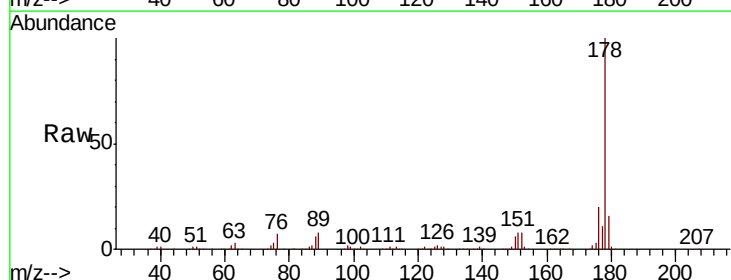
Tgt Ion:178 Resp: 534105

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

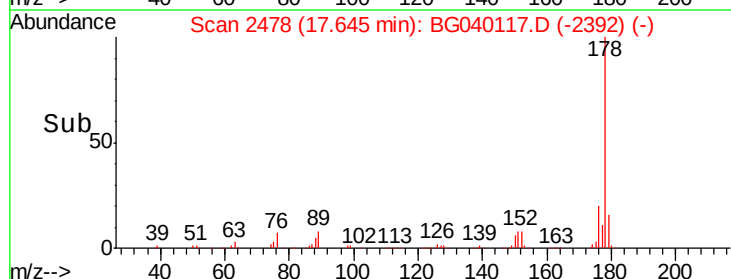
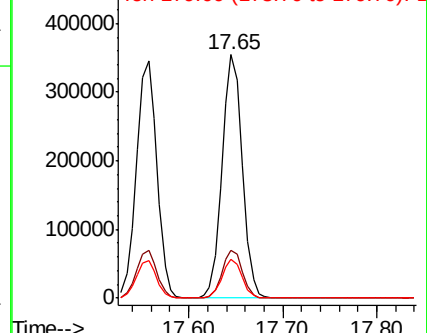
179 15.9 12.5 18.7

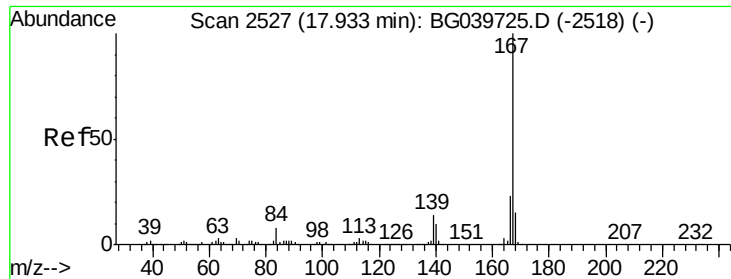


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

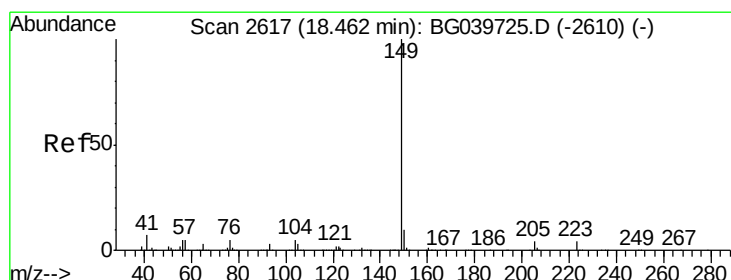
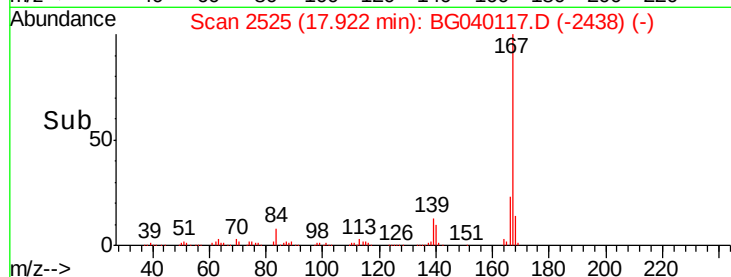
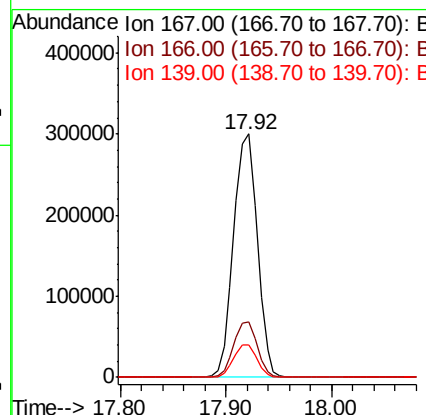
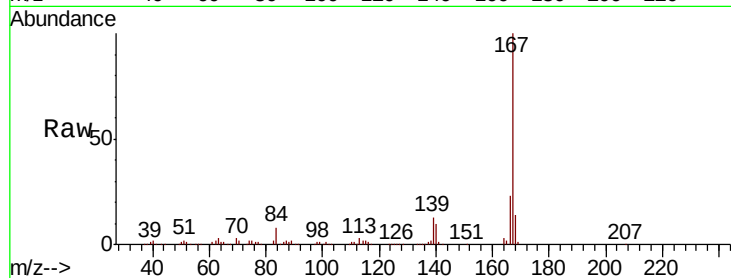




#73
 Carbazole
 Concen: 33.438 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

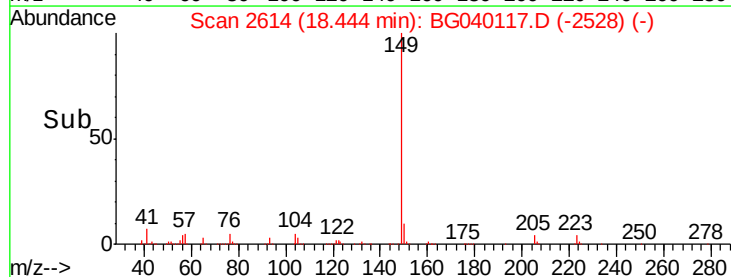
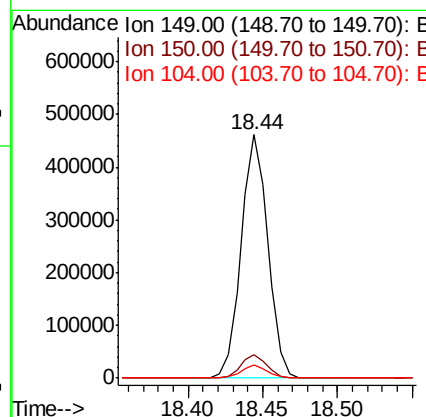
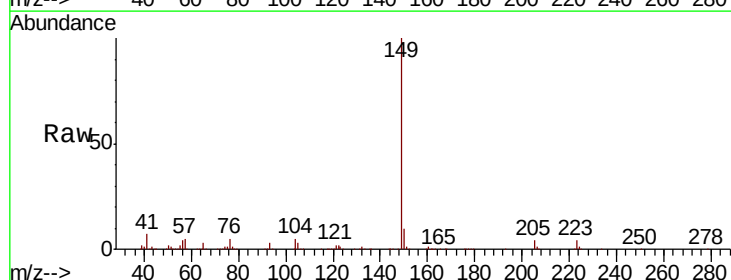
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BS

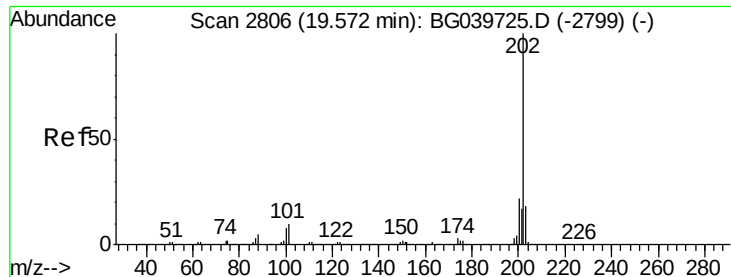
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.4	29.2
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 34.768 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040117.D
 Acq: 25 Mar 2019 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 33.938 ng

RT: 19.55 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

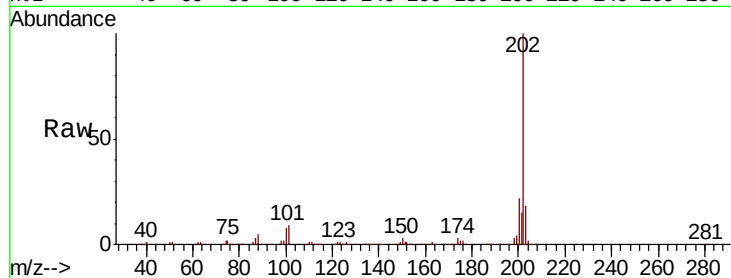
Instrument :

BNA_G

ClientSampleId :

PB118232BS

Tgt Ion:	202	Resp:	638537
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.0
203	17.9	0.0	38.9

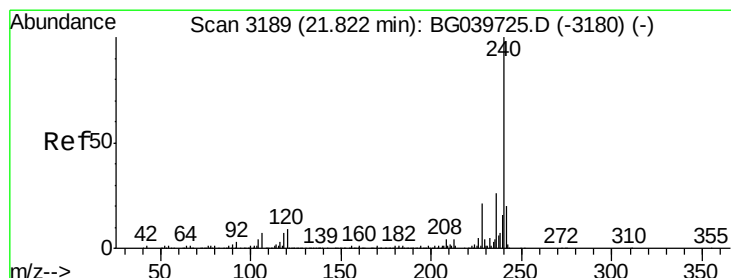
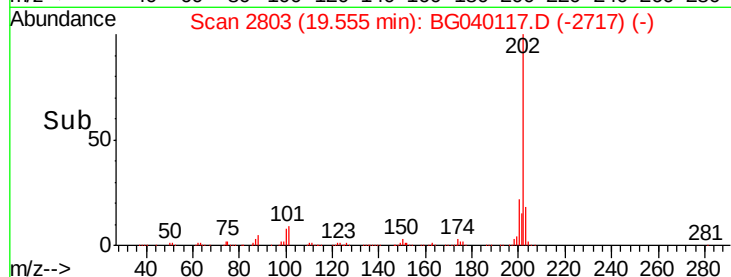
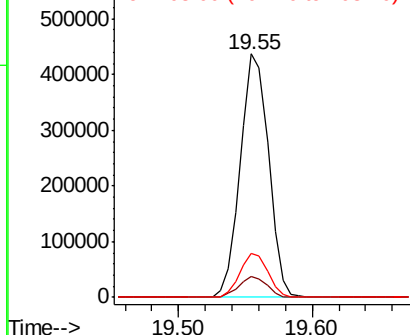


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

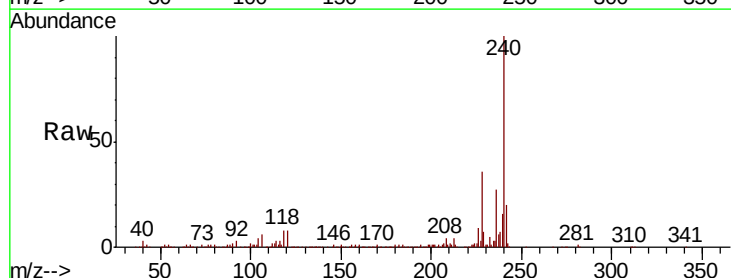
RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Tgt Ion:	240	Resp:	290914
Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.0	10.6
236	27.4	21.0	31.4

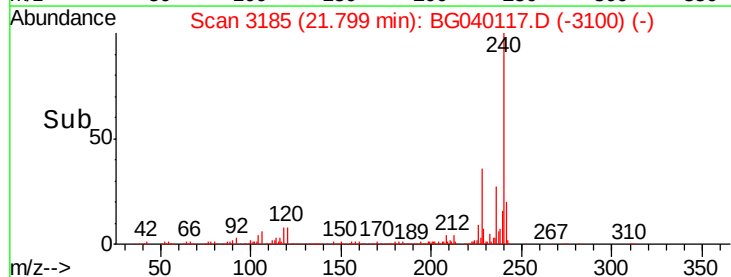
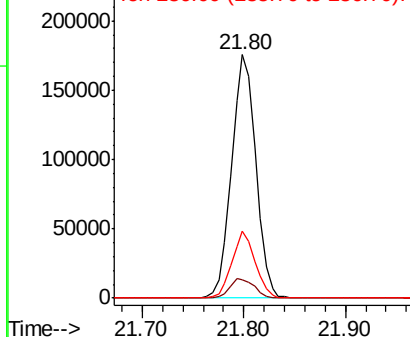


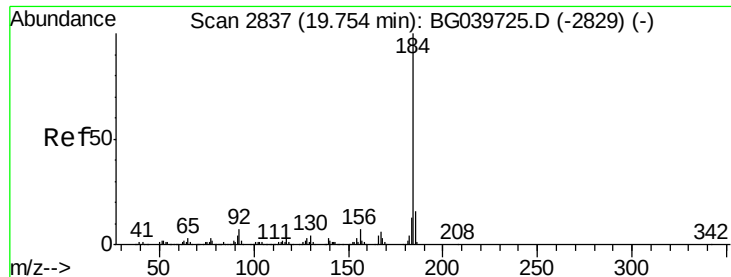
Abundance

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: 14.778 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

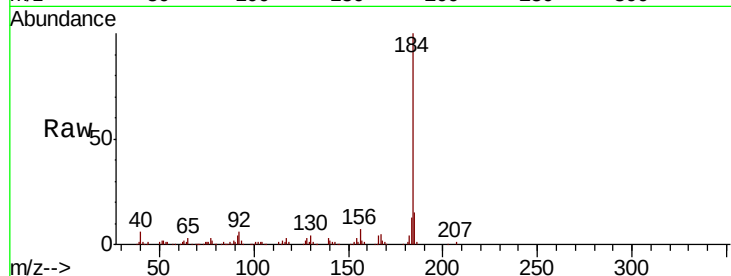
Tgt Ion:184 Resp: 136426

Ion Ratio Lower Upper

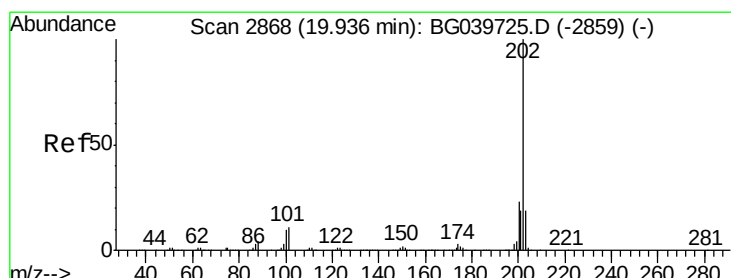
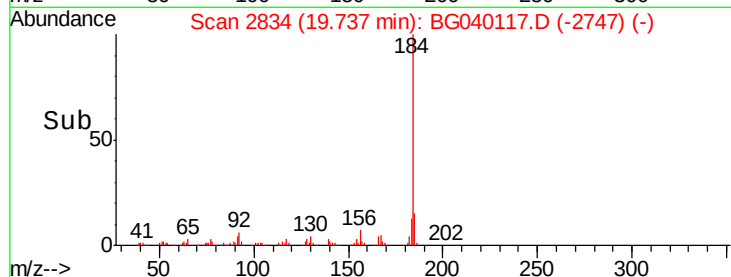
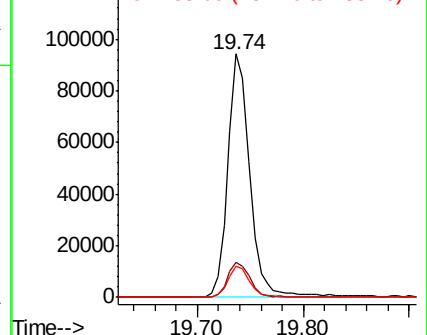
184 100

185 14.6 12.2 18.2

183 13.0 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: 33.542 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

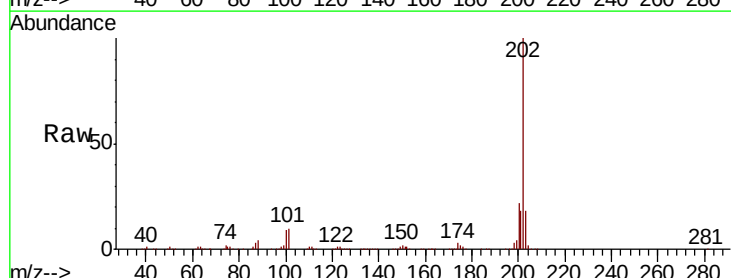
Tgt Ion:202 Resp: 634071

Ion Ratio Lower Upper

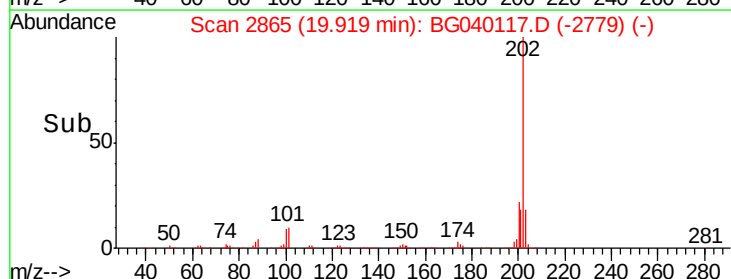
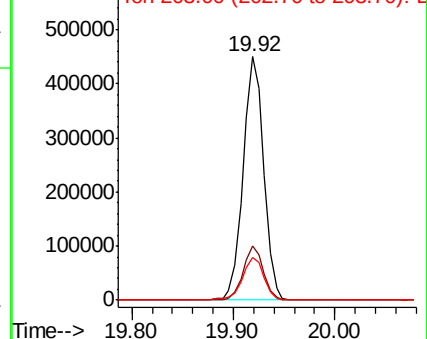
202 100

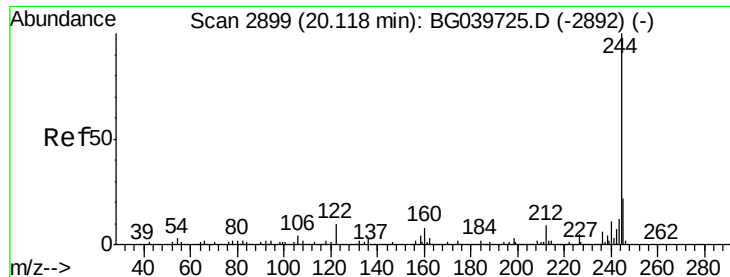
200 22.4 17.8 26.8

203 17.7 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: 67.614 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

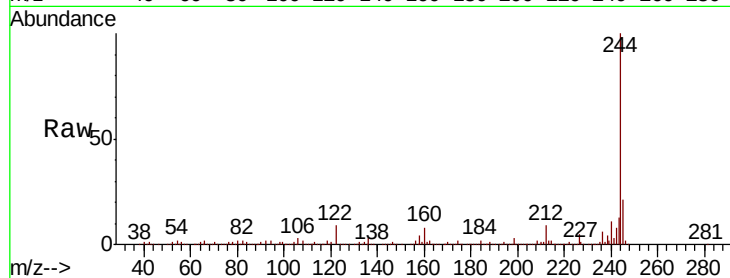
Tgt Ion:244 Resp: 893348

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

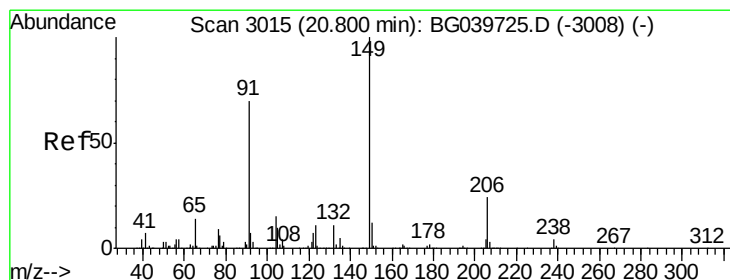
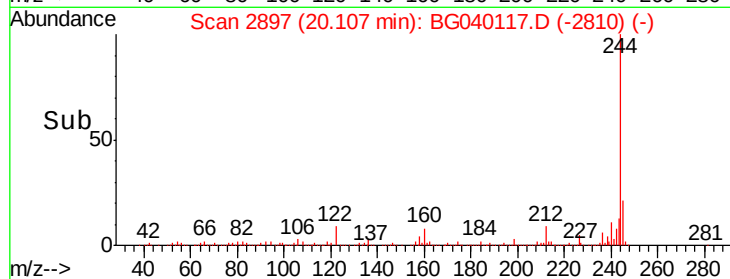
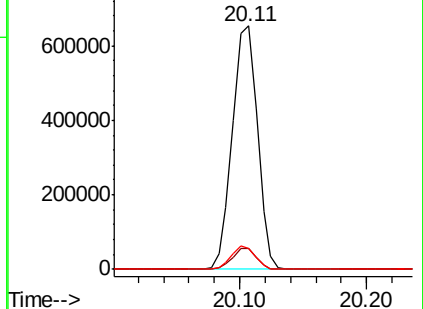
122 8.6 8.4 12.6



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: 35.016 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

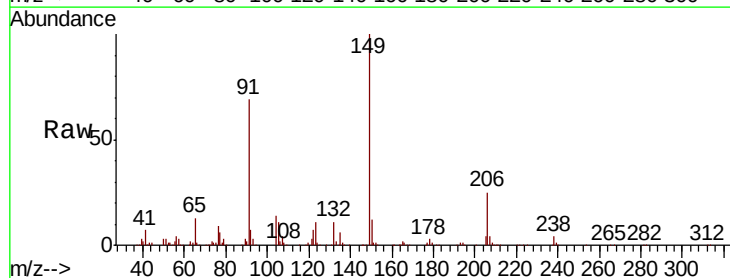
Tgt Ion:149 Resp: 256450

Ion Ratio Lower Upper

149 100

91 68.8 59.5 89.3

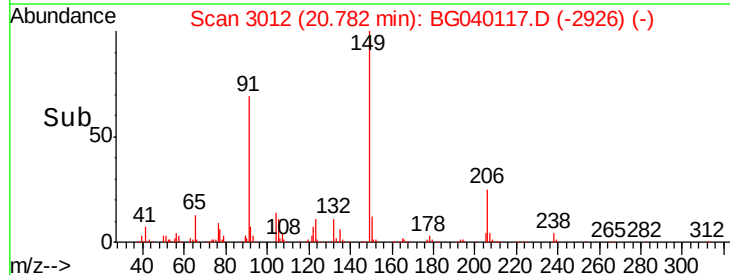
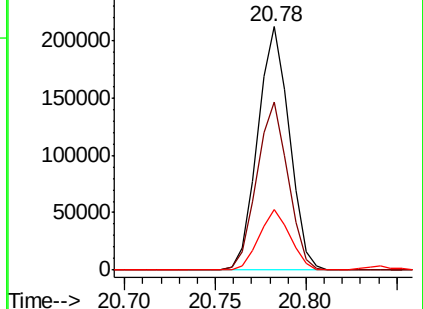
206 24.8 18.6 27.8

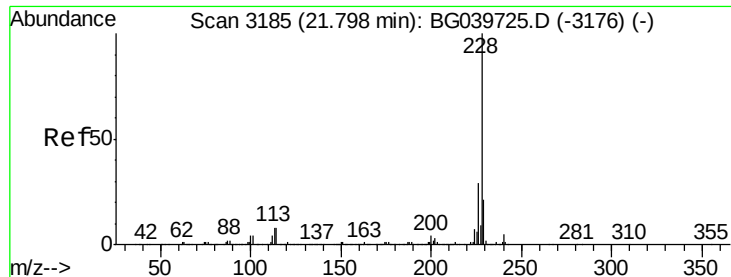


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

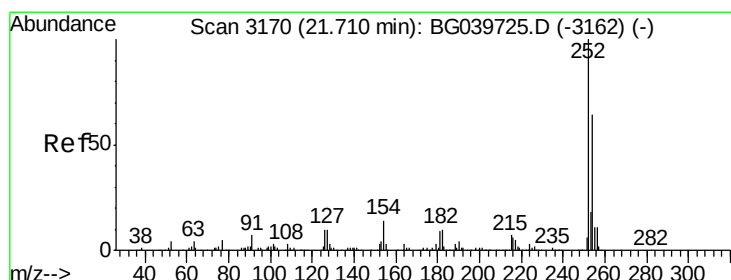
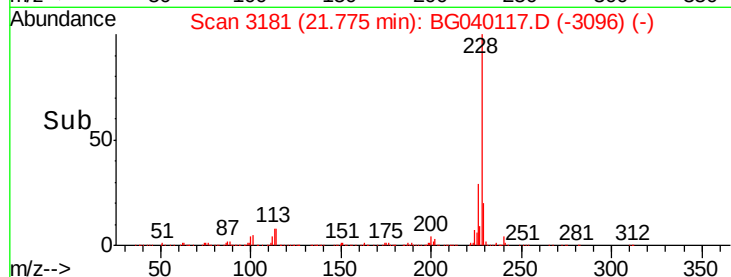
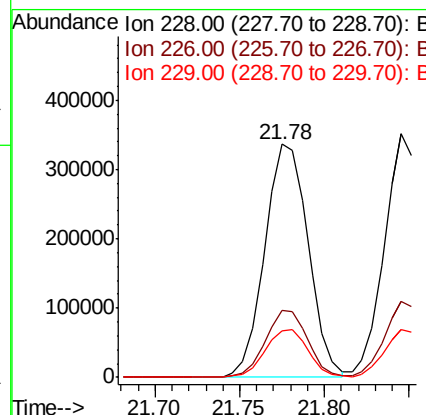
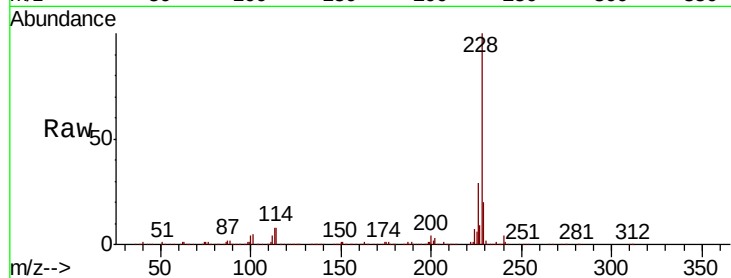




#81
Benzo(a)anthracene
Concen: 32.762 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.03 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

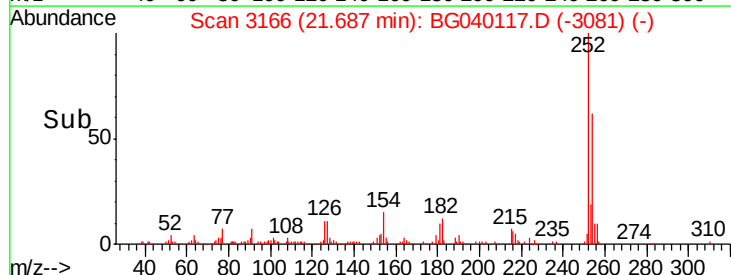
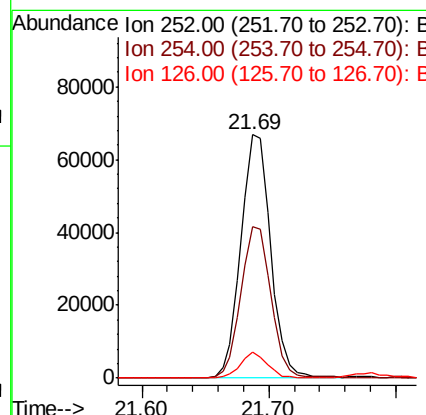
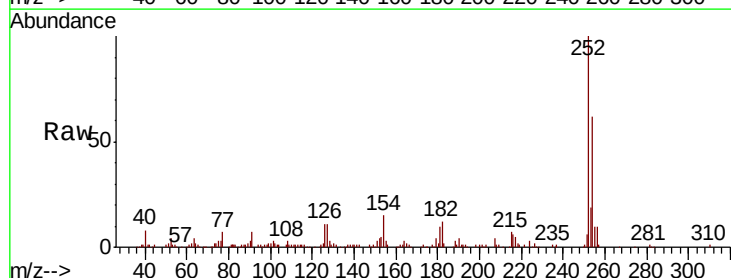
Instrument :
BNA_G
ClientSampleId :
PB118232BS

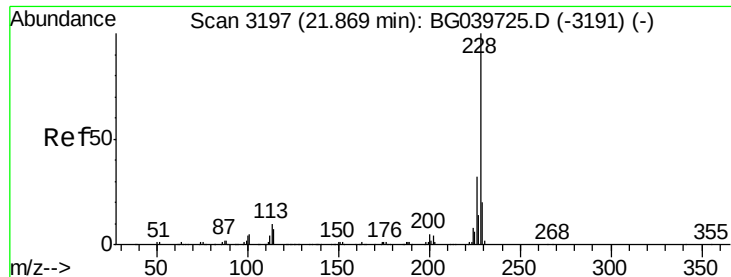
Tgt Ion: 228 Resp: 597325
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.6
229 20.1 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 16.397 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion: 252 Resp: 109149
Ion Ratio Lower Upper
252 100
254 62.2 51.3 76.9
126 10.7 8.0 12.0





#83

Chrysene

Concen: 32.542 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

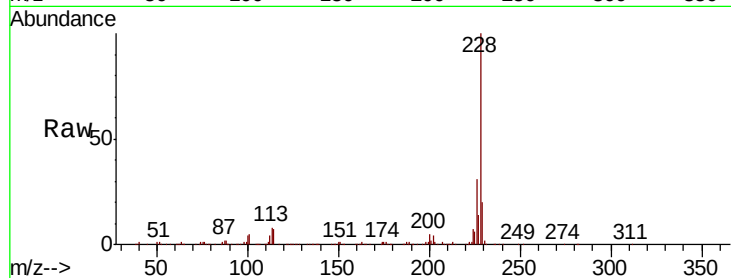
Tgt Ion:228 Resp: 575208

Ion Ratio Lower Upper

228 100

226 31.2 25.8 38.6

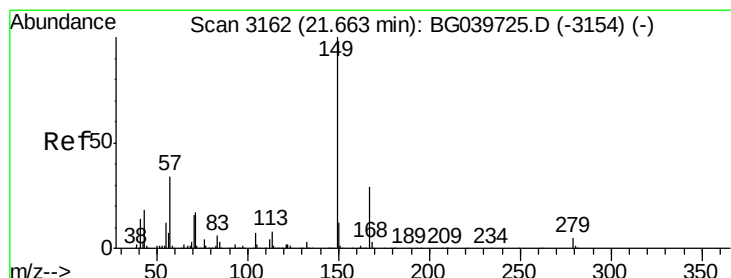
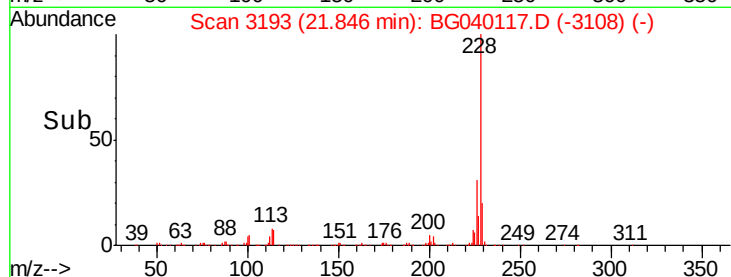
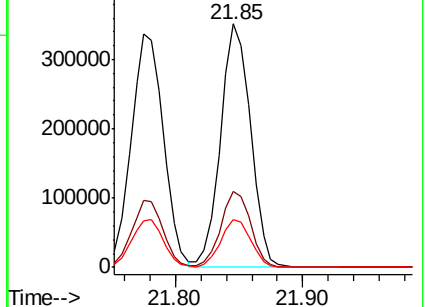
229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.476 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

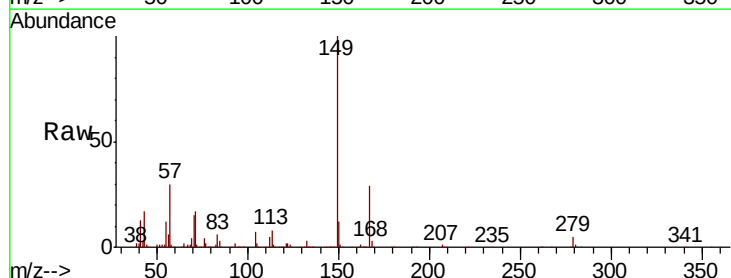
Tgt Ion:149 Resp: 354816

Ion Ratio Lower Upper

149 100

167 28.9 22.6 34.0

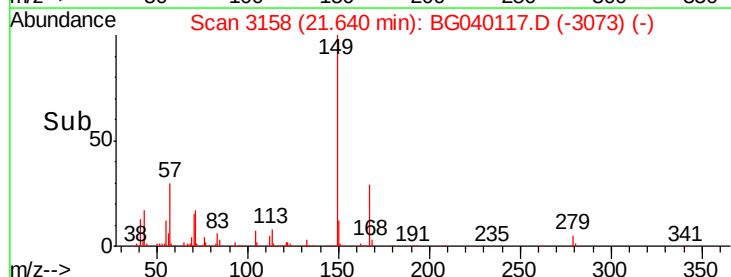
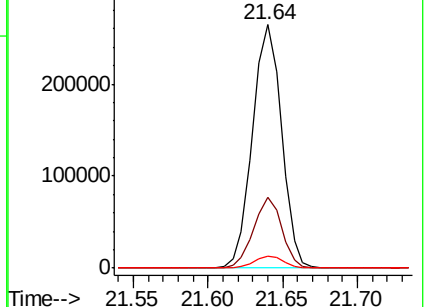
279 5.1 3.5 5.3

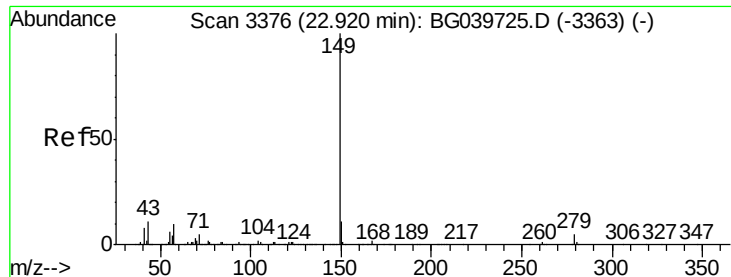


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.658 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.04 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

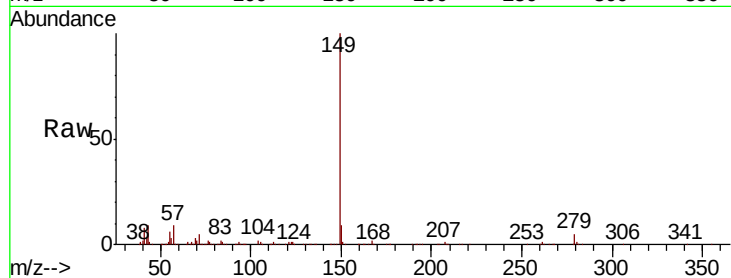
Tgt Ion:149 Resp: 607646

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

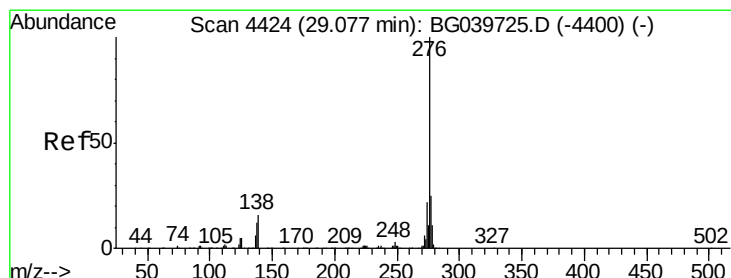
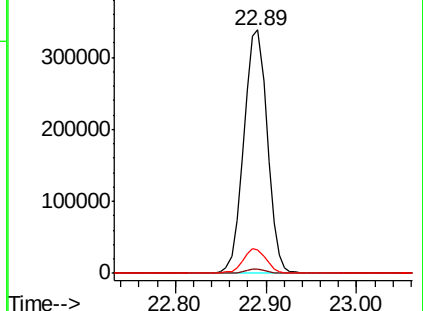
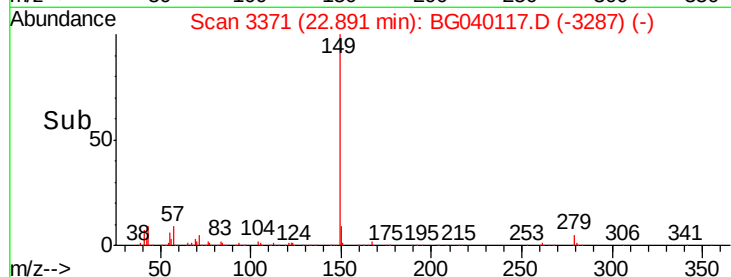
43 10.1 10.2 15.4#



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: 33.358 ng

RT: 29.02 min Scan# 4415

Delta R.T. -0.06 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

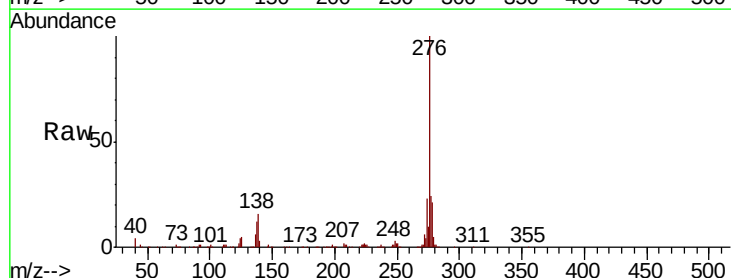
Tgt Ion:276 Resp: 668908

Ion Ratio Lower Upper

276 100

138 13.4 12.6 19.0

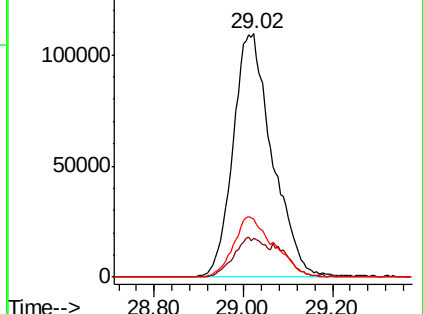
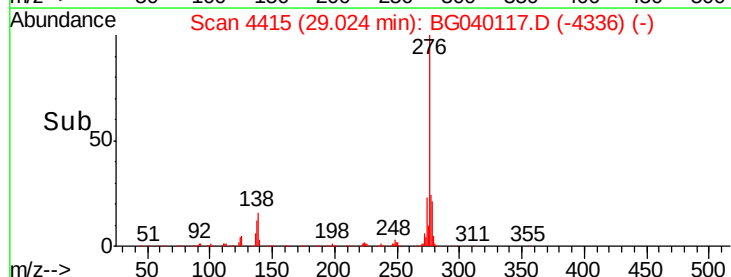
277 25.5 20.8 31.2

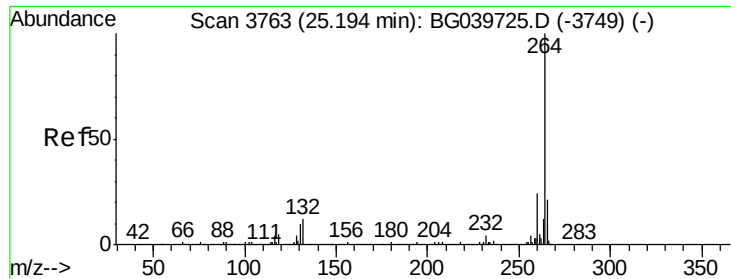


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

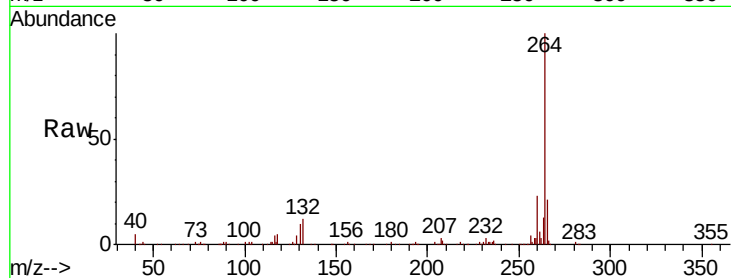




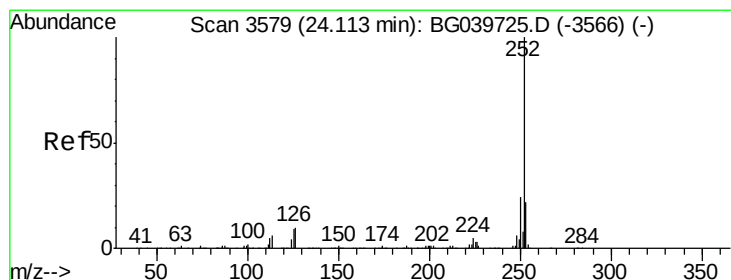
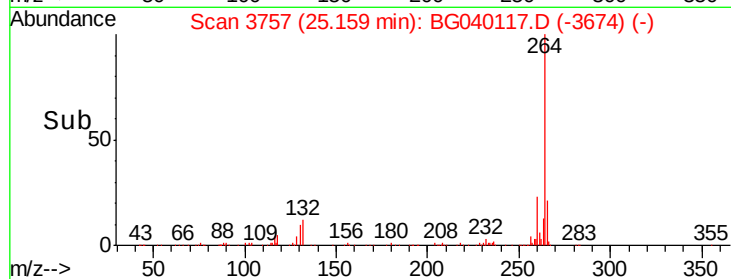
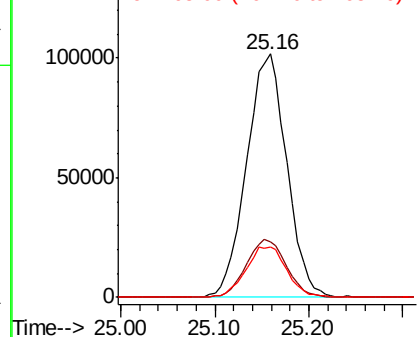
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Tgt Ion:264 Resp: 300596
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.4
265 20.6 18.5 27.7

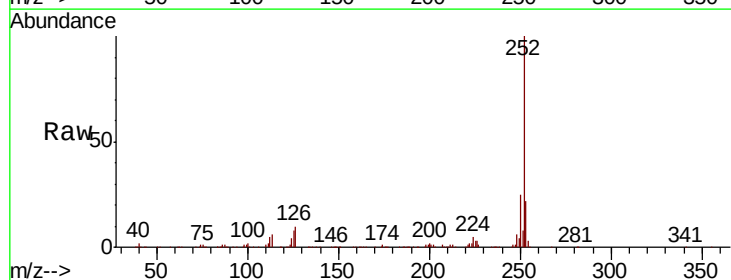


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

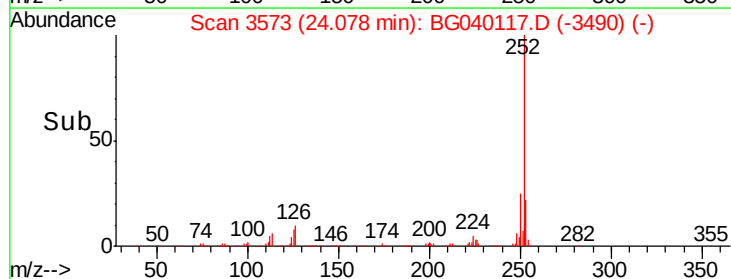
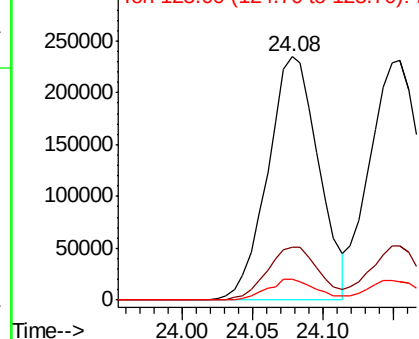


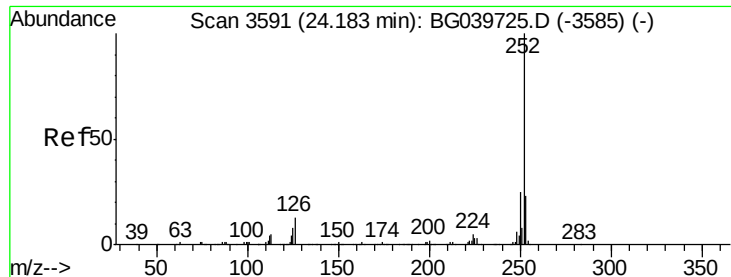
#88
Benzo(b)fluoranthene
Concen: 33.051 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion:252 Resp: 592443
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.5 7.8 11.6



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





#89

Benzo(k)fluoranthene

Concen: 35.077 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

PB118232BS

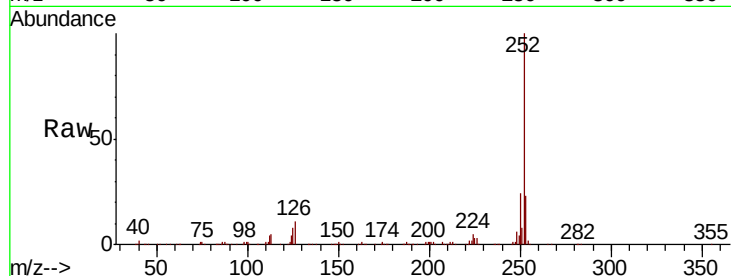
Tgt Ion:252 Resp: 585280

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

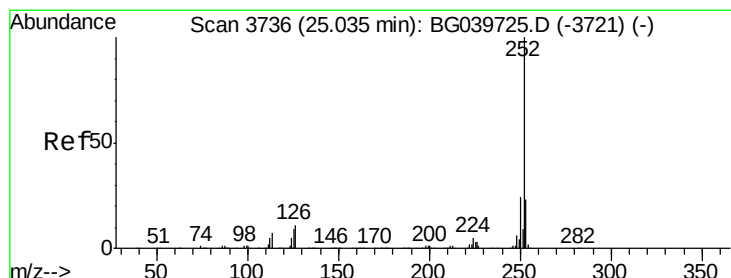
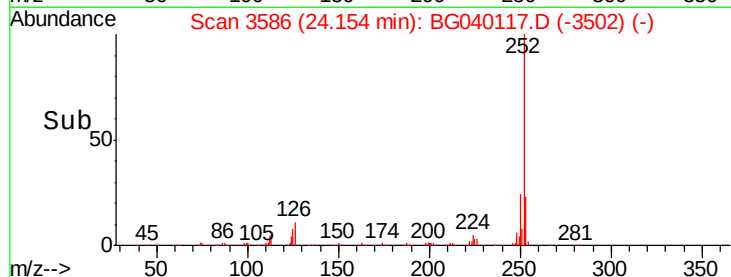
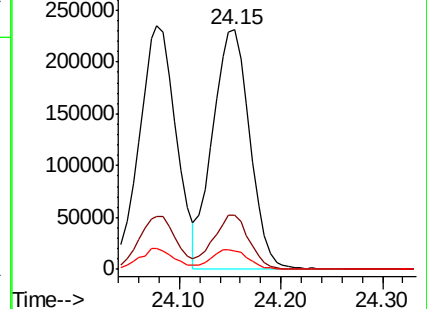
125 7.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.861 ng

RT: 24.99 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG040117.D

Acq: 25 Mar 2019 14:52

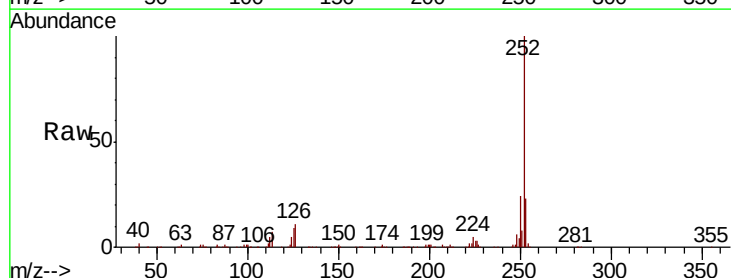
Tgt Ion:252 Resp: 577425

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

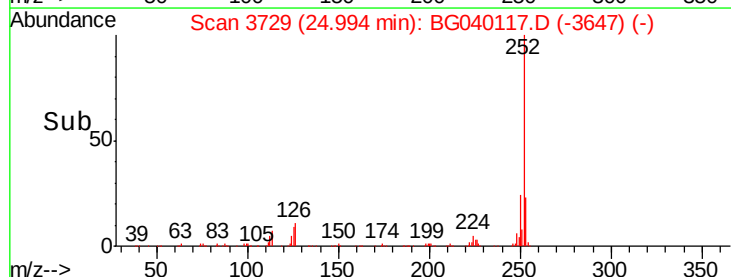
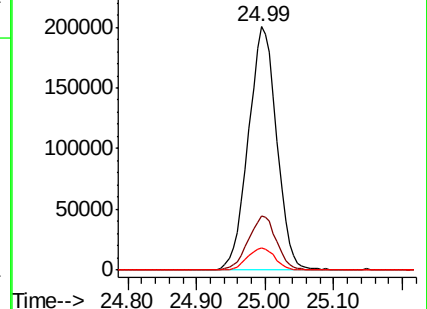
125 9.3 8.3 12.5

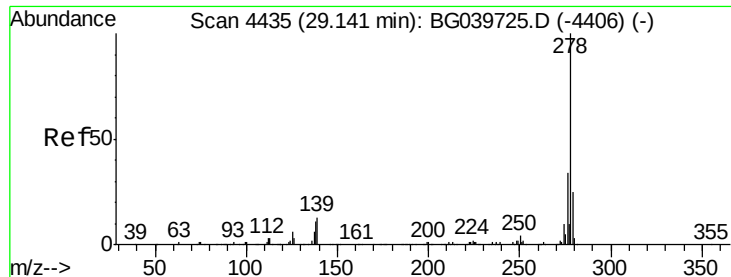


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

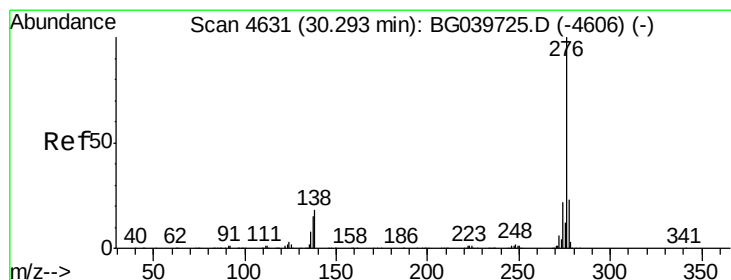
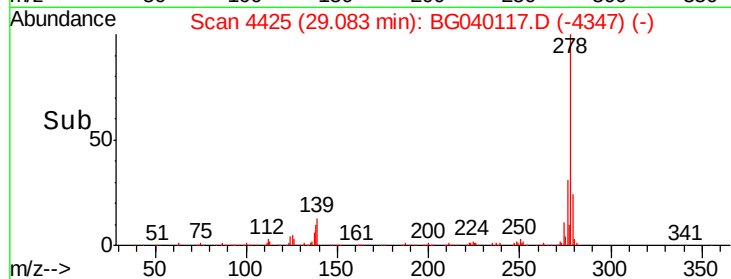
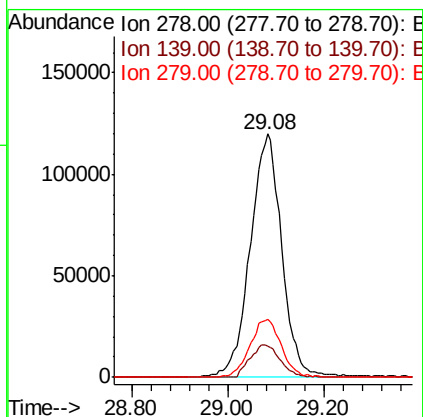
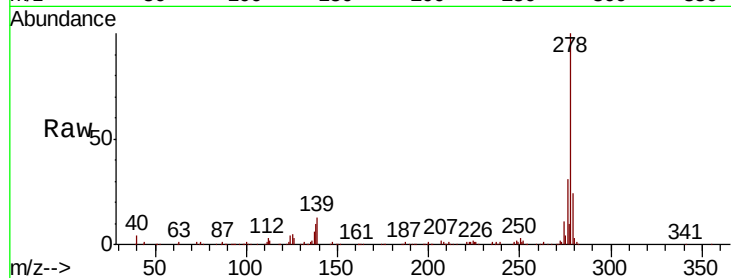




#91
Dibenzo(a,h)anthracene
Concen: 33.678 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
PB118232BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.7	17.5
279	23.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 34.301 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040117.D
Acq: 25 Mar 2019 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	15.5	14.7	22.1

