

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040021.D
 Acq On : 20 Mar 2019 3:17
 Operator : JU/SJ
 Sample : PB118056BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Quant Time: Mar 20 04:17:38 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	38306	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	163633	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	117879	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	301745	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	293161	20.00	ng	-0.02
87) Perylene-d12	25.16	264	290269	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	332472	148.07	ng	-0.02
7) Phenol-d6	7.29	99	488050	145.78	ng	-0.02
23) Nitrobenzene-d5	9.32	82	295129	97.55	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	209218	152.27	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	729931	88.17	ng	-0.02
79) Terphenyl-d14	20.11	244	1193989	89.68	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	29952	28.894	ng	99
3) Pyridine	3.98	79	90338	32.552	ng	95
4) n-Nitrosodimethylamine	3.90	42	53038	40.286	ng	# 88
6) Aniline	7.47	93	111515	25.424	ng	98
8) 2-Chlorophenol	7.71	128	113263	41.579	ng	95
9) Benzaldehyde	7.28	77	56101	25.977	ng	95
10) Phenol	7.32	94	157433	43.407	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	111554	39.449	ng	99
12) 1,3-Dichlorobenzene	8.03	146	117277	38.067	ng	99
13) 1,4-Dichlorobenzene	8.18	146	119423	38.056	ng	97
14) 1,2-Dichlorobenzene	8.50	146	117517	38.759	ng	98
15) Benzyl Alcohol	8.38	79	113723	42.821	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	217755	38.502	ng	99
17) 2-Methylphenol	8.58	107	101863	44.046	ng	98
18) Hexachloroethane	9.23	117	43388	38.533	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	94568	39.243	ng	96
20) 3+4-Methylphenols	8.91	107	142180	44.254	ng	96
22) Acetophenone	8.97	105	178872	40.728	ng	# 96
24) Nitrobenzene	9.37	77	138876	43.754	ng	99
25) Isophorone	9.88	82	272291	42.952	ng	99
26) 2-Nitrophenol	10.07	139	67855	44.278	ng	94
27) 2,4-Dimethylphenol	10.12	122	121909	51.149	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	161963	42.041	ng	97
29) 2,4-Dichlorophenol	10.61	162	127756	47.609	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	126789	41.989	ng	95
31) Naphthalene	11.01	128	364397	42.060	ng	97
32) Benzoic acid	10.26	122	70349	43.677	ng	89
33) 4-Chloroaniline	11.13	127	51015	13.886	ng	95
34) Hexachlorobutadiene	11.28	225	82531	39.997	ng	97
35) Caprolactam	11.91	113	25042	24.430	ng	98
36) 4-Chloro-3-methylphenol	12.23	107	147473	47.942	ng	99
37) 2-Methylnaphthalene	12.61	142	283991	43.845	ng	98
38) 1-Methylnaphthalene	12.83	142	271102	43.069	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	155077	38.833	ng	98

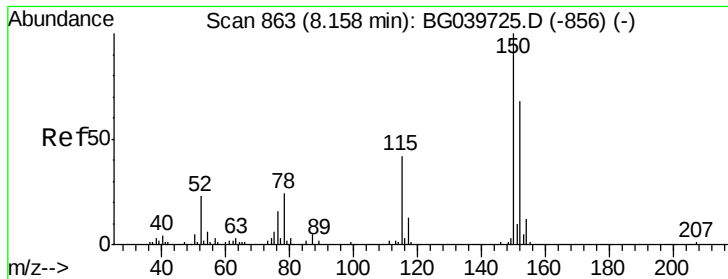
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040021.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	211905	99.016	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	110101	47.092	ng	97
44) 2,4,5-Trichlorophenol	13.28	196	119377	45.299	ng	99
46) 1,1'-Biphenyl	13.61	154	388536	40.074	ng	99
47) 2-Chloronaphthalene	13.66	162	300747	41.233	ng	99
48) 2-Nitroaniline	13.87	65	110416	47.106	ng	96
49) Acenaphthylene	14.50	152	494838	41.328	ng	99
50) Dimethylphthalate	14.22	163	426082	43.227	ng	100
51) 2,6-Dinitrotoluene	14.35	165	97328	46.577	ng	96
52) Acenaphthene	14.84	154	301501	41.837	ng	95
53) 3-Nitroaniline	14.68	138	41251	19.638	ng	# 91
54) 2,4-Dinitrophenol	14.89	184	126818	95.169	ng	94
55) Dibenzofuran	15.17	168	499068	42.209	ng	100
56) 4-Nitrophenol	14.98	139	166862	88.801	ng	91
57) 2,4-Dinitrotoluene	15.14	165	140633	47.897	ng	# 88
58) Fluorene	15.82	166	401492	43.194	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	126948	49.325	ng	96
60) Diethylphthalate	15.57	149	440258	45.119	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	211040	42.548	ng	99
62) 4-Nitroaniline	15.85	138	99240	43.580	ng	96
63) Azobenzene	16.09	77	400715	45.304	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	89441	50.132	ng	98
66) n-Nitrosodiphenylamine	16.02	169	376723	43.125	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	140877	41.710	ng	97
68) Hexachlorobenzene	16.81	284	143673	41.037	ng	95
69) Atrazine	16.96	200	144102	41.914	ng	98
70) Pentachlorophenol	17.16	266	194321	87.885	ng	99
71) Phenanthrene	17.56	178	692374	41.658	ng	100
72) Anthracene	17.65	178	703837	43.456	ng	99
73) Carbazole	17.92	167	620127	42.471	ng	98
74) Di-n-butylphthalate	18.45	149	761929	44.351	ng	100
75) Fluoranthene	19.56	202	825761	42.040	ng	99
77) Benzidine	19.74	184	215405	23.155	ng	99
78) Pyrene	19.92	202	828088	43.470	ng	99
80) Butylbenzylphthalate	20.79	149	340217	46.097	ng	95
81) Benzo(a)anthracene	21.78	228	787705	42.872	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	143412	21.379	ng	99
83) Chrysene	21.85	228	736992	41.375	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	477483	46.039	ng	100
85) Di-n-octyl phthalate	22.90	149	815075	47.464	ng	96
86) Indeno(1,2,3-cd)pyrene	29.03	276	871630	43.135	ng	98
88) Benzo(b)fluoranthene	24.09	252	774099	44.722	ng	97
89) Benzo(k)fluoranthene	24.16	252	734407	45.580	ng	98
90) Benzo(a)pyrene	25.01	252	750087	46.896	ng	98
91) Dibenzo(a,h)anthracene	29.09	278	703949	44.893	ng	97
92) Benzo(g,h,i)perylene	30.26	276	721434	45.810	ng	97

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

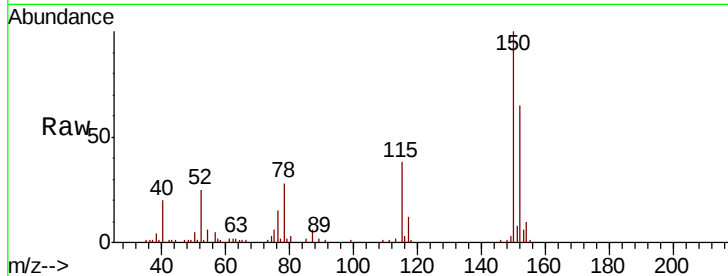


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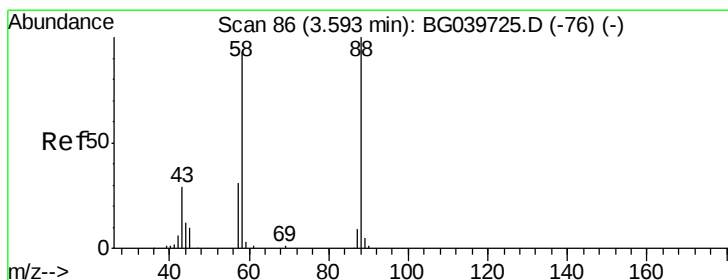
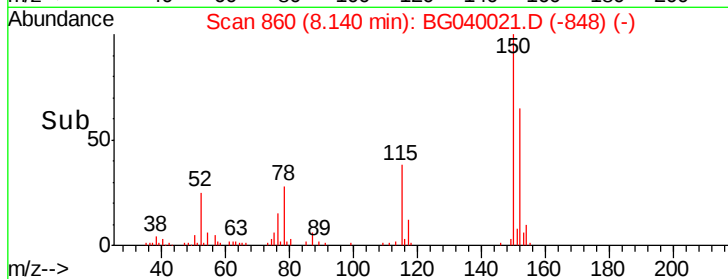
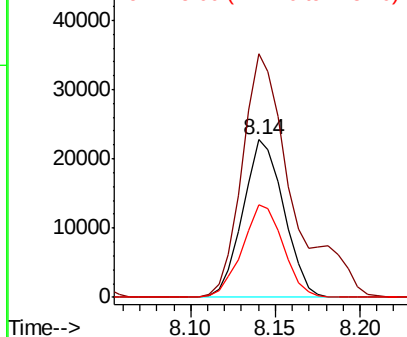
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion:152 Resp: 38306
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 58.5 45.9 68.9



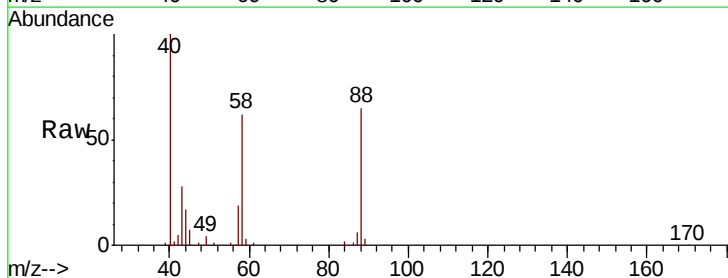
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



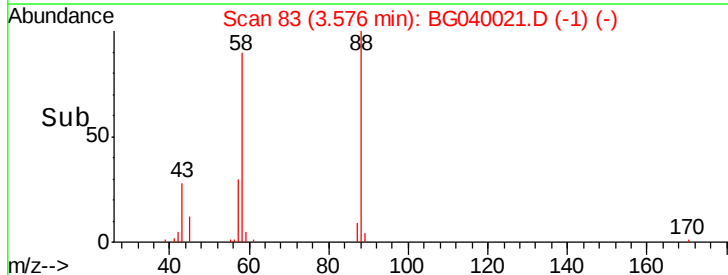
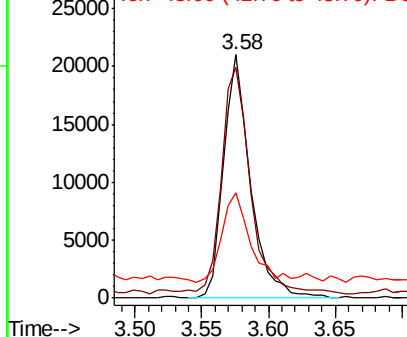
#2

1,4-Dioxane
Concen: 28.894 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion: 88 Resp: 29952
Ion Ratio Lower Upper
88 100
58 100.4 81.1 121.7
43 37.8 31.4 47.0



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





#3

Pyridine

Concen: 32.552 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

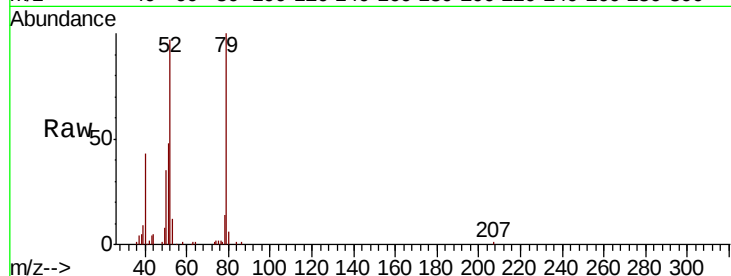
Tgt Ion: 79 Resp: 90338

Ion Ratio Lower Upper

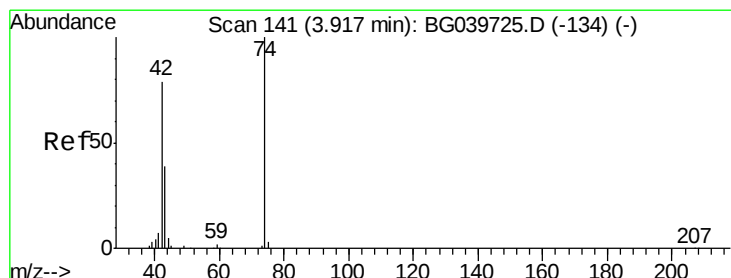
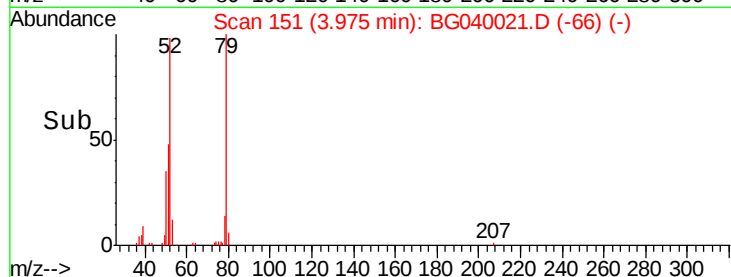
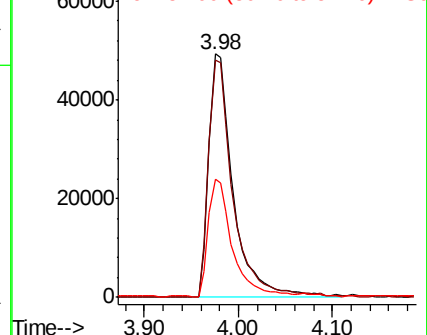
79 100

52 97.2 82.6 124.0

51 48.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 40.286 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

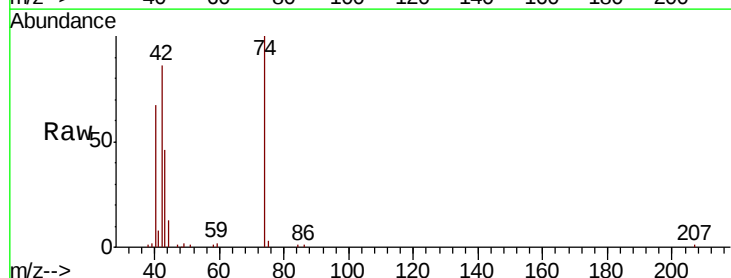
Tgt Ion: 42 Resp: 53038

Ion Ratio Lower Upper

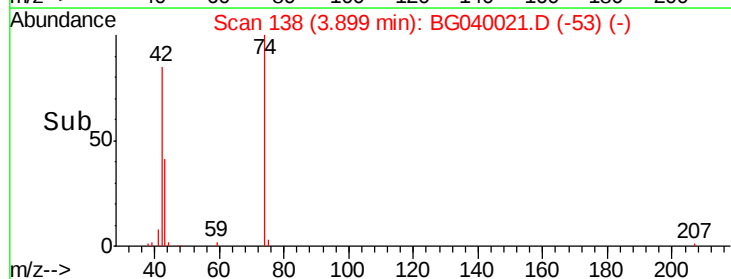
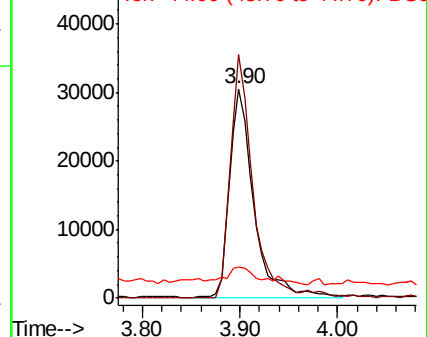
42 100

74 116.3 83.6 125.4

44 14.9 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: 148.071 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampled :

PB118056BS

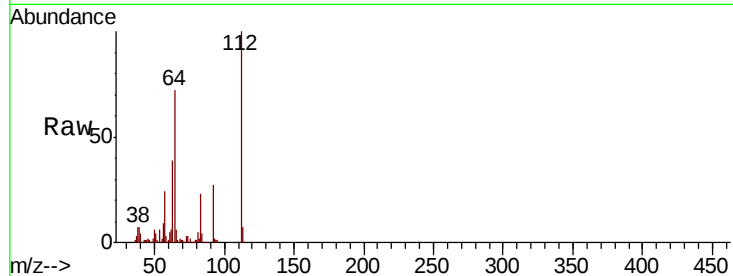
Tgt Ion:112 Resp: 332472

Ion Ratio Lower Upper

112 100

64 72.0 57.8 86.8

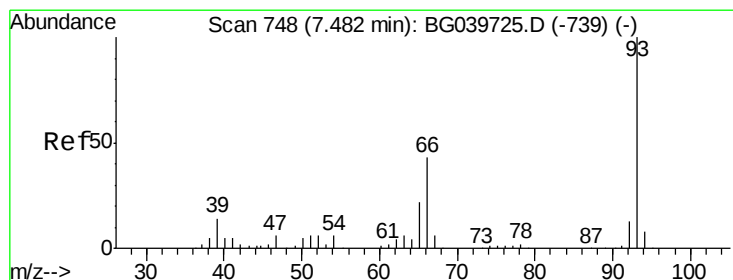
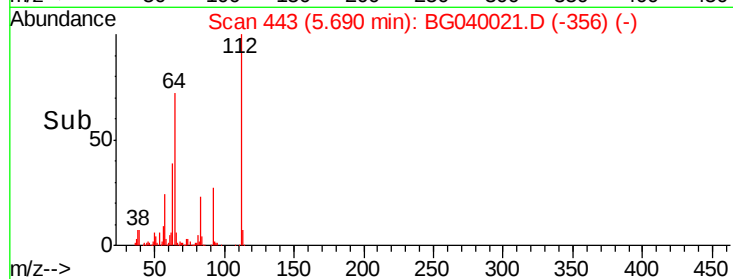
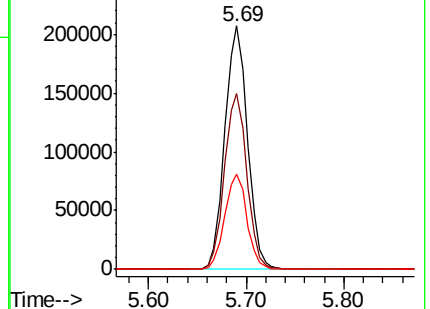
63 39.2 29.8 44.6



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: 25.424 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

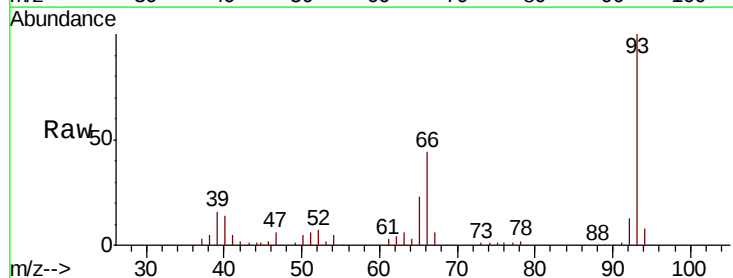
Tgt Ion: 93 Resp: 111515

Ion Ratio Lower Upper

93 100

66 43.8 34.2 51.4

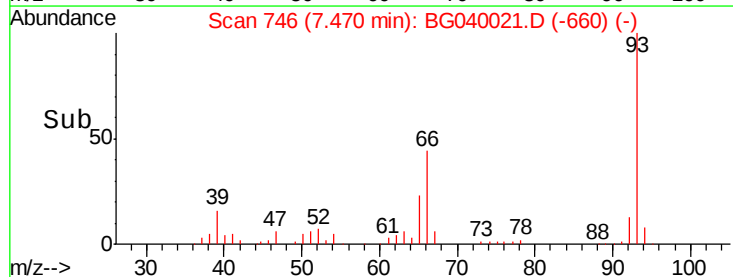
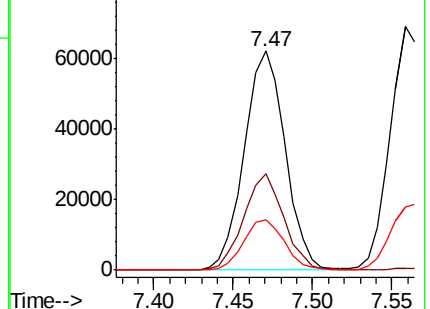
65 23.2 17.7 26.5

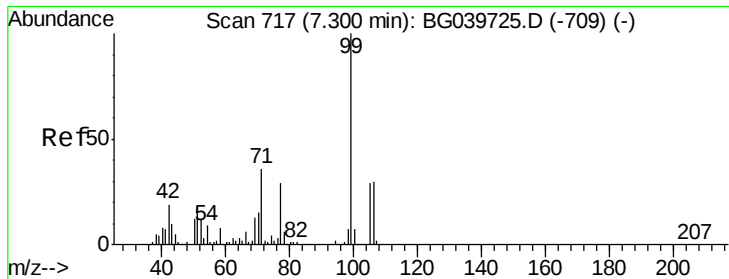


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.775 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

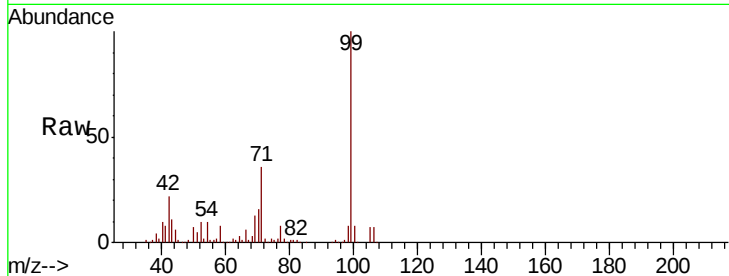
Tgt Ion: 99 Resp: 488050

Ion Ratio Lower Upper

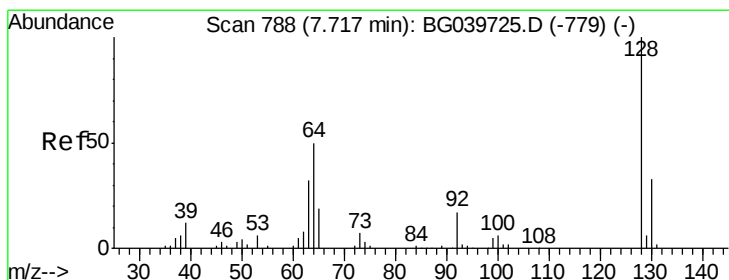
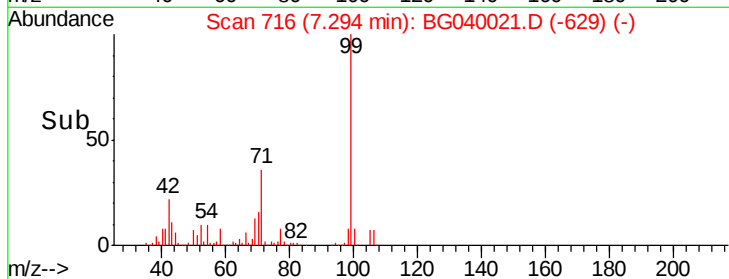
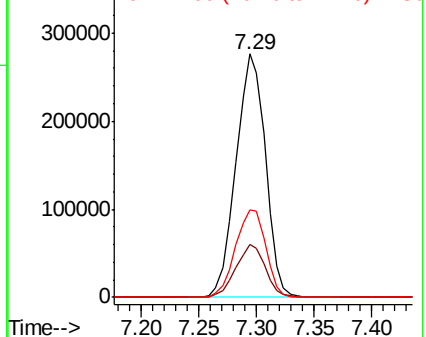
99 100

42 21.8 18.2 27.2

71 36.0 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: 41.579 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

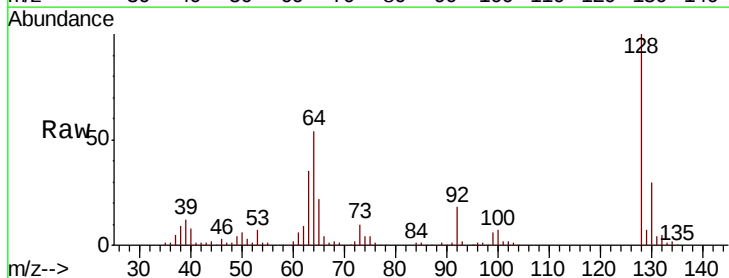
Tgt Ion: 128 Resp: 113263

Ion Ratio Lower Upper

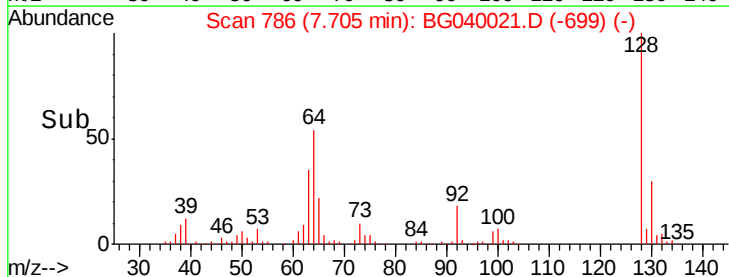
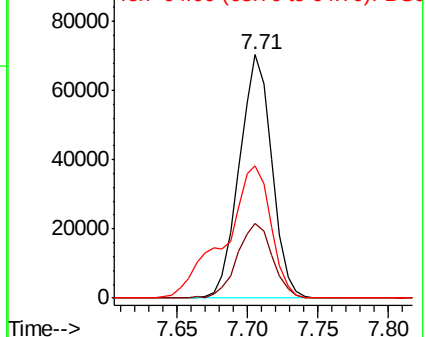
128 100

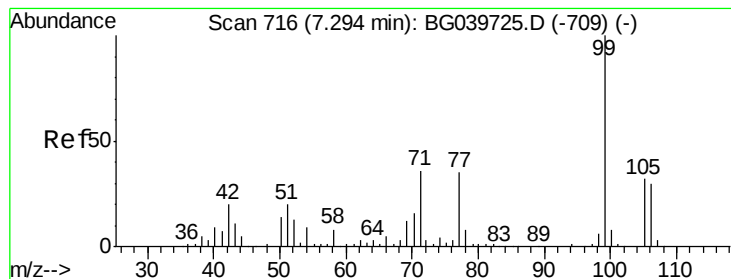
130 30.5 12.9 52.9

64 54.4 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: 25.977 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

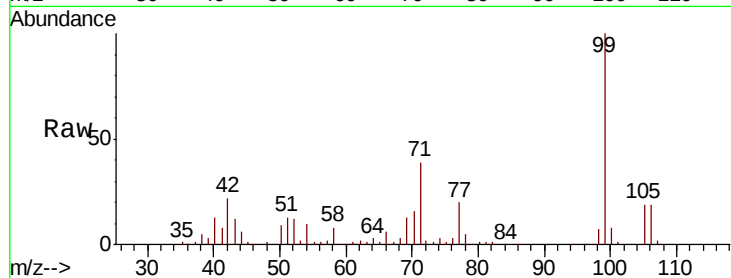
Tgt Ion: 77 Resp: 56101

Ion Ratio Lower Upper

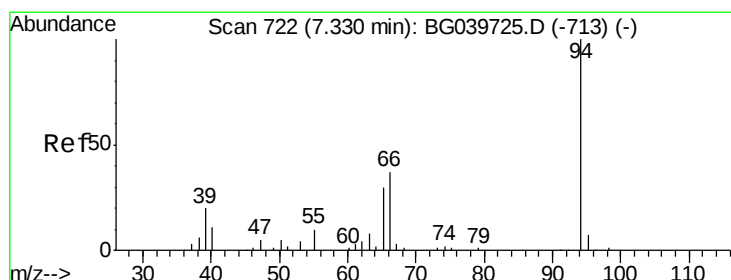
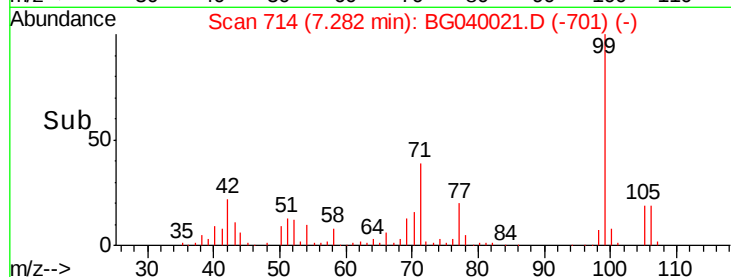
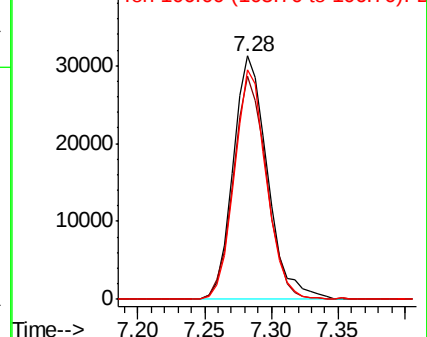
77 100

105 91.9 74.5 114.5

106 94.4 68.0 108.0



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



#10

Phenol

Concen: 43.407 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

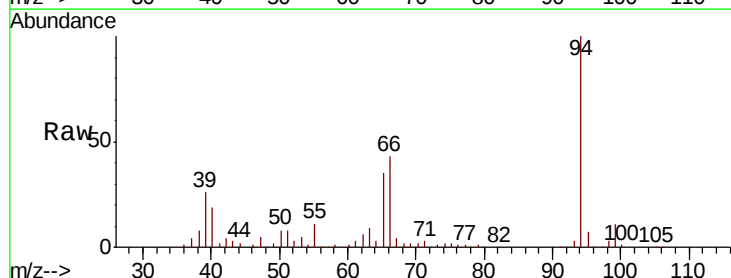
Tgt Ion: 94 Resp: 157433

Ion Ratio Lower Upper

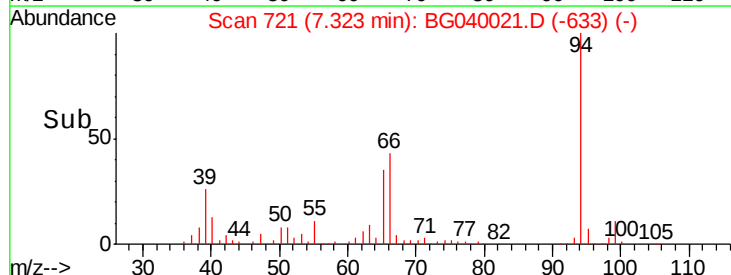
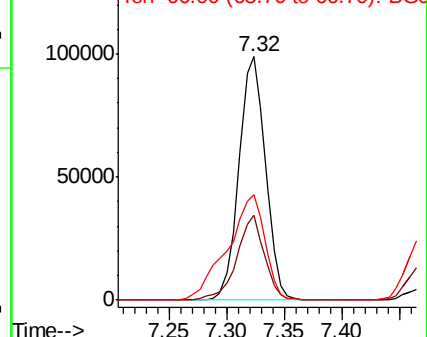
94 100

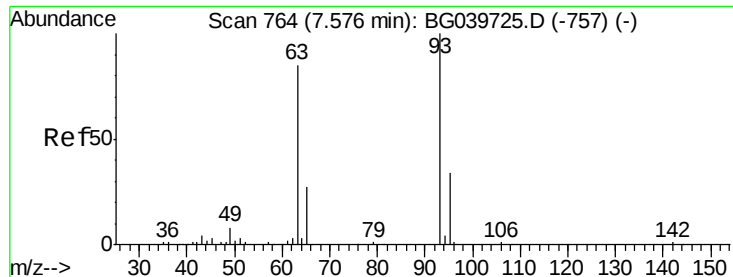
65 34.6 11.7 51.7

66 43.3 23.7 63.7



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

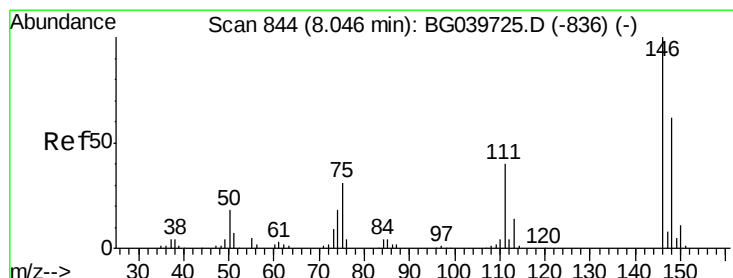
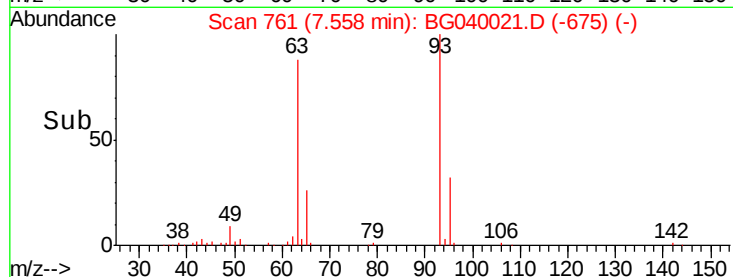
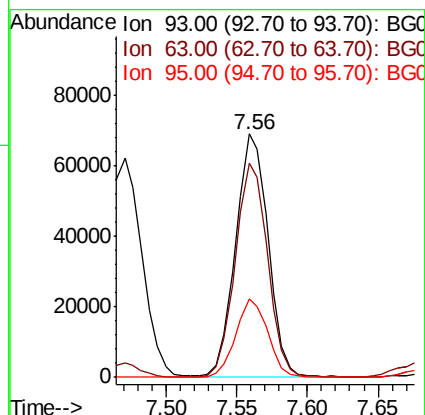
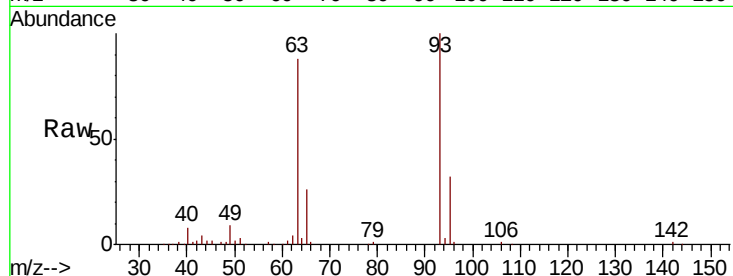




#11
 bis(2-Chloroethyl)ether
 Concen: 39.449 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

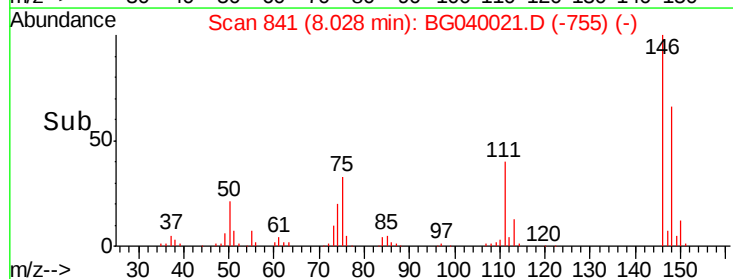
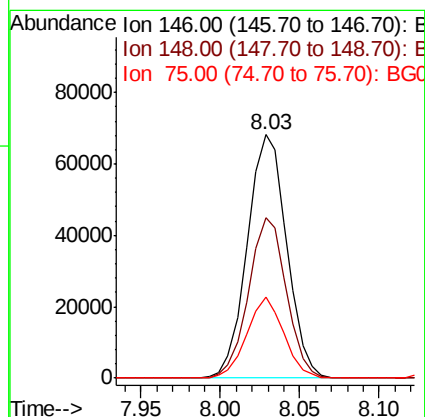
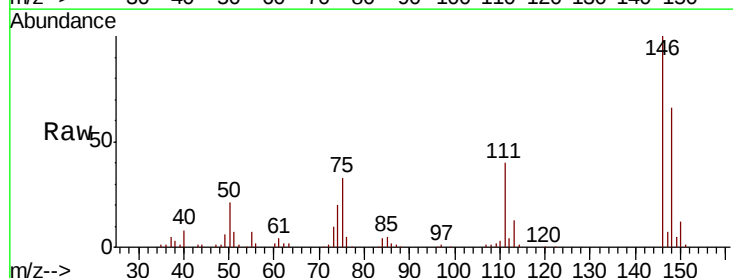
Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

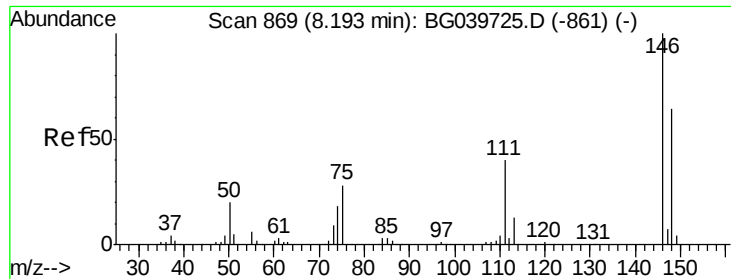
Tgt Ion: 93 Resp: 111554
 Ion Ratio Lower Upper
 93 100
 63 87.9 69.5 109.5
 95 32.4 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 38.067 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion: 146 Resp: 117277
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.6 79.0
 75 33.5 25.8 38.6

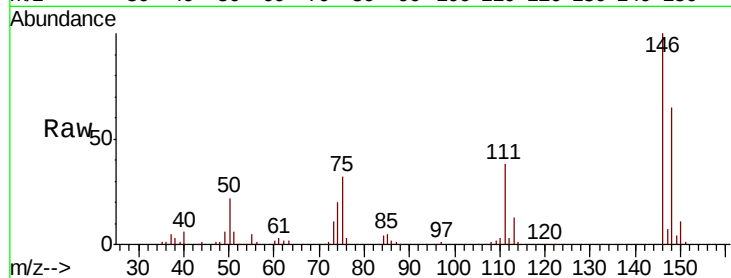




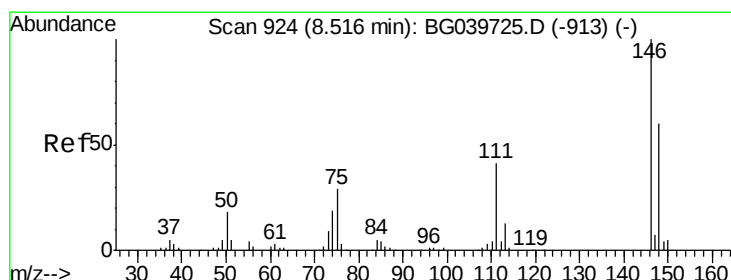
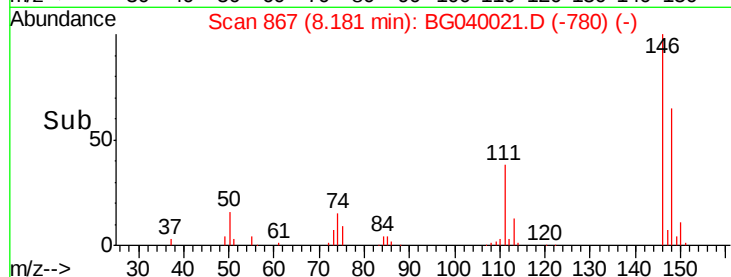
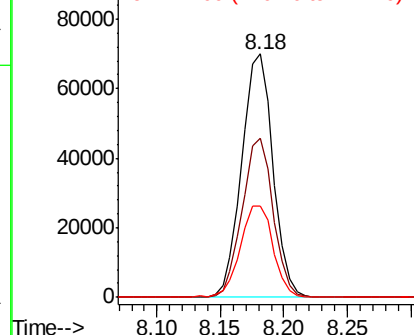
#13
 1,4-Dichlorobenzene
 Concen: 38.056 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tgt Ion:146 Resp: 119423
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 37.6 32.6 48.8

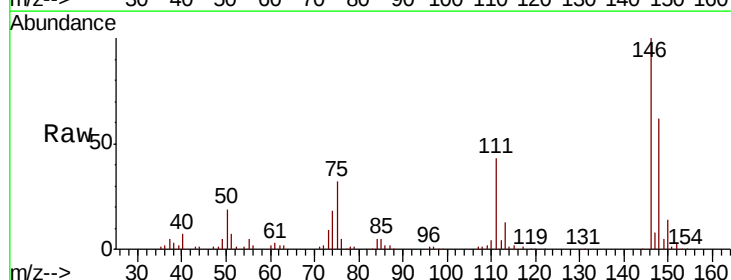


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

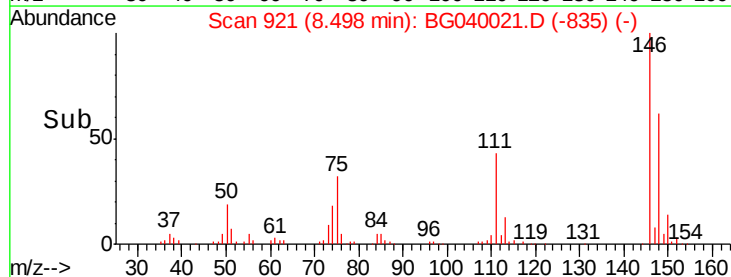
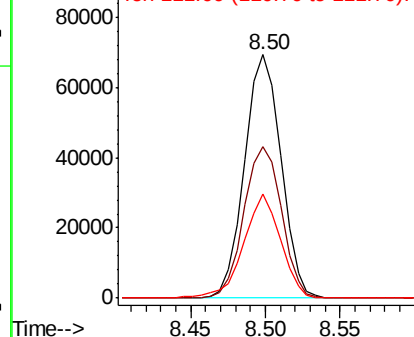


#14
 1,2-Dichlorobenzene
 Concen: 38.759 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion:146 Resp: 117517
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.5 77.3
 111 42.8 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.821 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

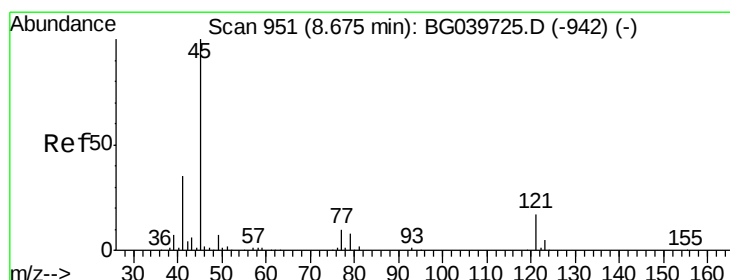
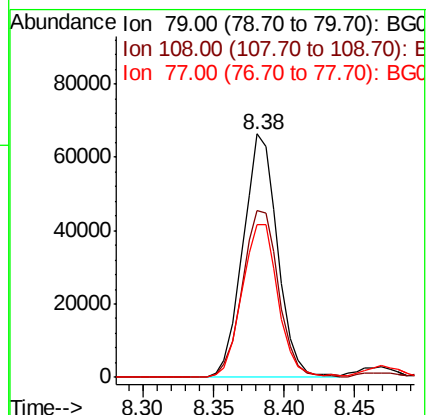
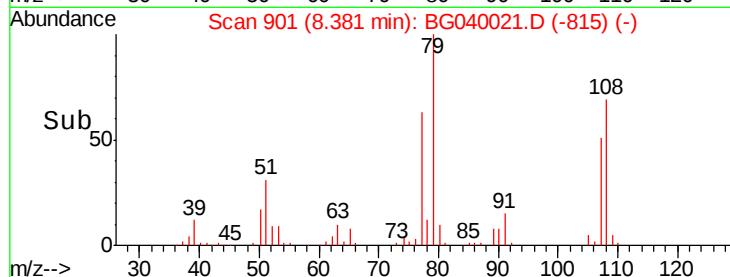
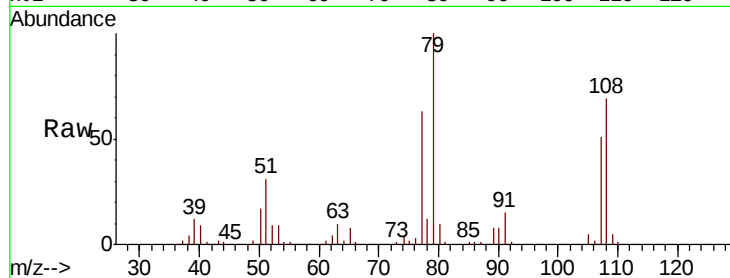
Tgt Ion: 79 Resp: 113723

Ion Ratio Lower Upper

79 100

108 68.6 57.8 86.6

77 62.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.502 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

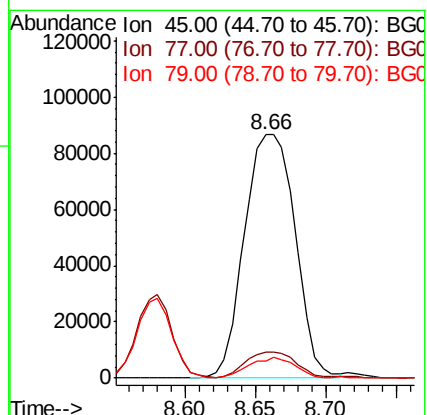
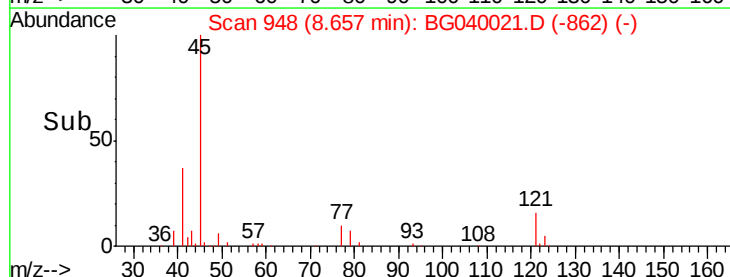
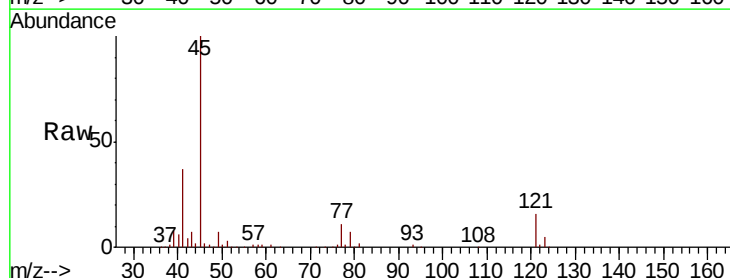
Tgt Ion: 45 Resp: 217755

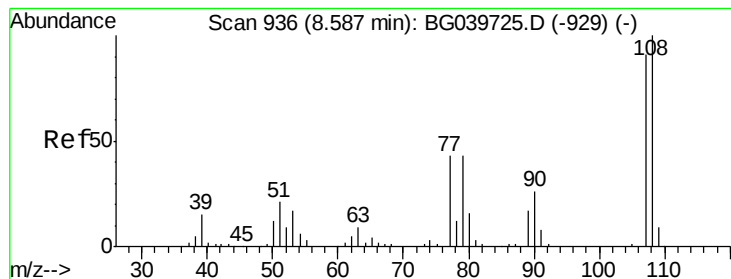
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 7.2 0.0 27.5





#17

2-Methylphenol

Concen: 44.046 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

Tgt Ion:107 Resp: 101863

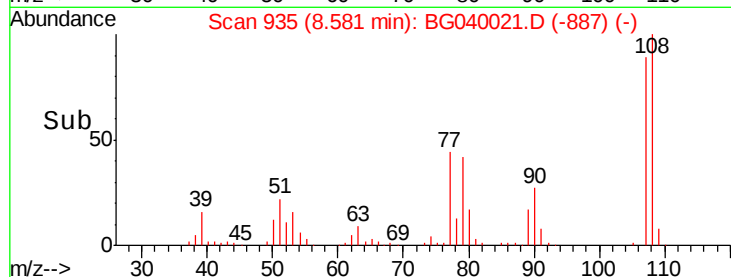
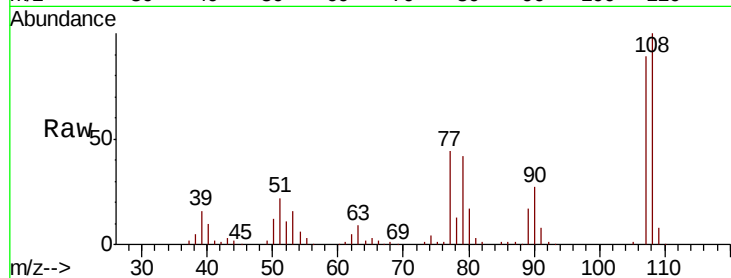
Ion Ratio Lower Upper

107 100

108 112.3 90.8 136.2

77 49.9 40.7 61.1

79 47.2 40.6 60.8

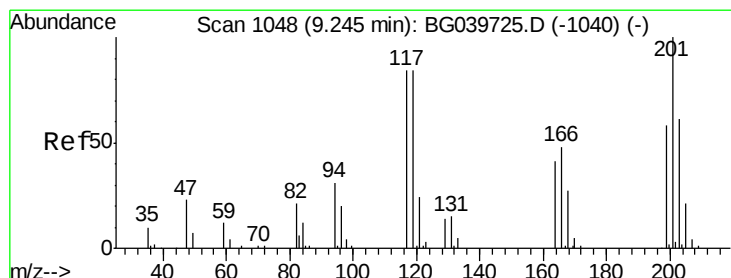
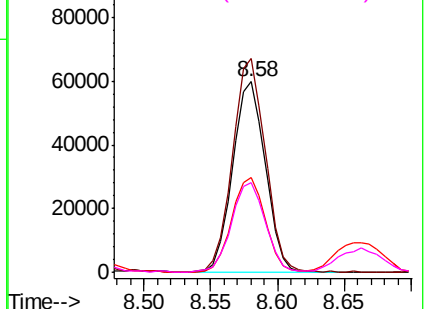


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.533 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

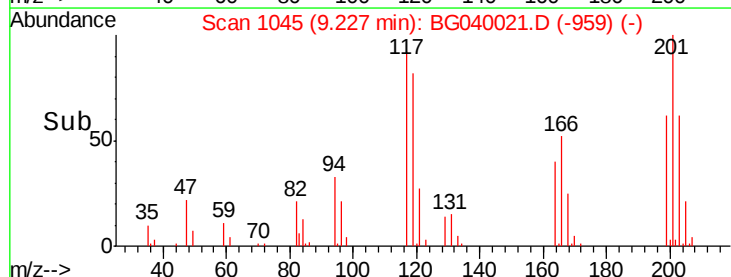
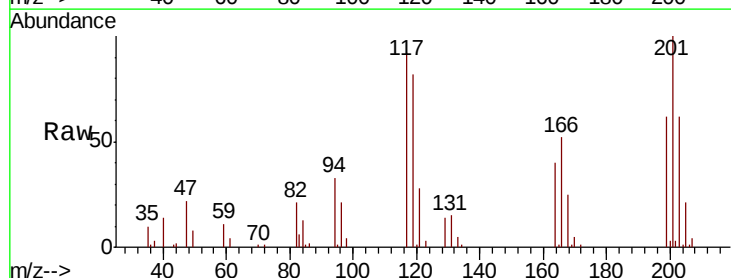
Tgt Ion:117 Resp: 43388

Ion Ratio Lower Upper

117 100

119 89.7 76.3 114.5

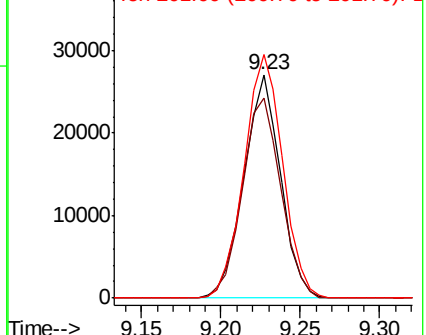
201 109.1 91.1 136.7

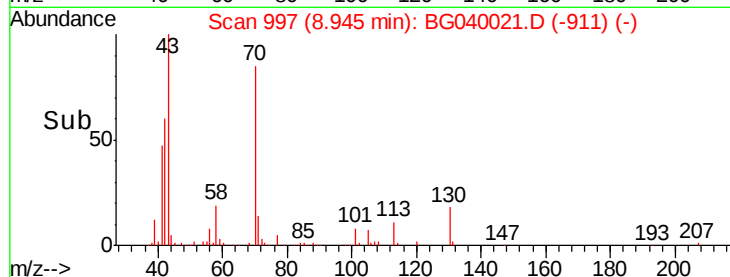
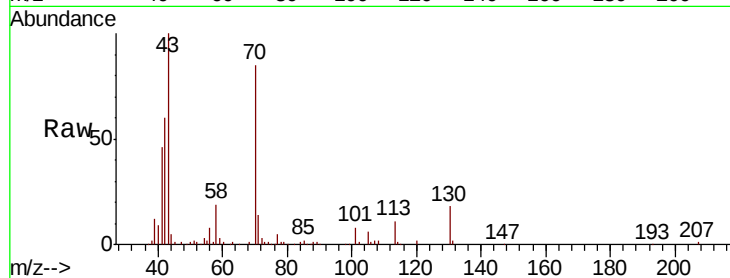
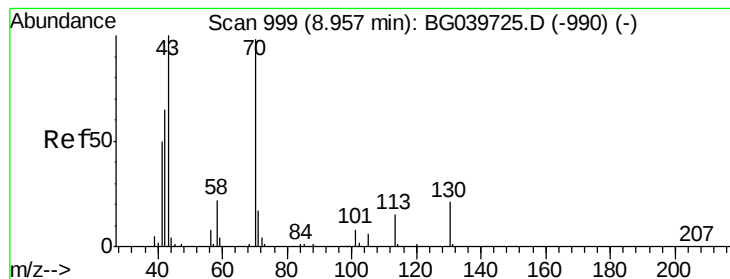


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.243 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

Tgt Ion: 70 Resp: 94568

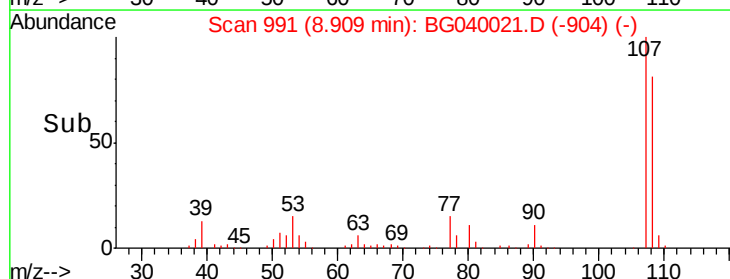
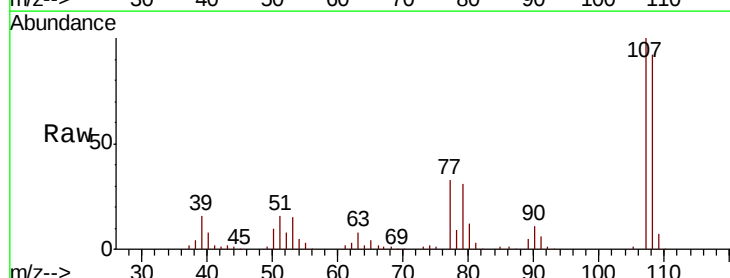
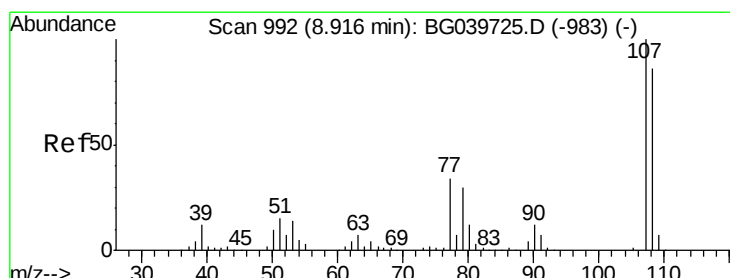
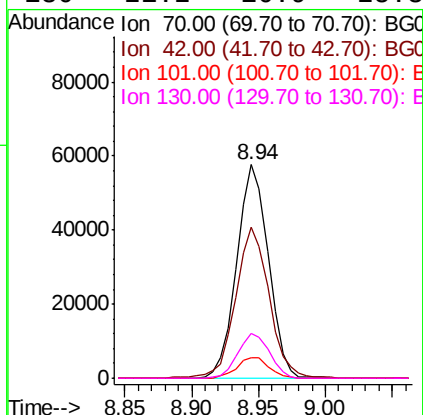
Ion Ratio Lower Upper

70 100

42 70.8 60.4 90.6

101 9.7 7.5 11.3

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 44.254 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion: 107 Resp: 142180

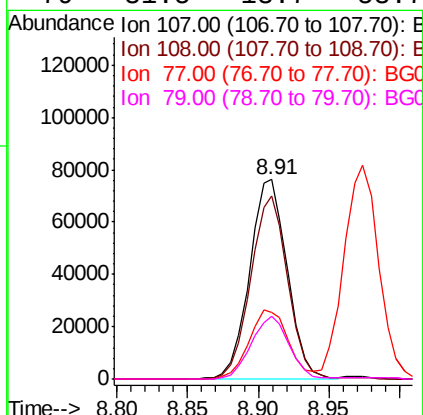
Ion Ratio Lower Upper

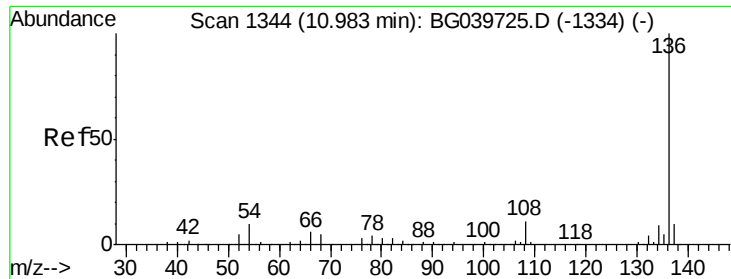
107 100

108 92.0 67.9 107.9

77 33.1 15.4 55.4

79 31.5 13.7 53.7

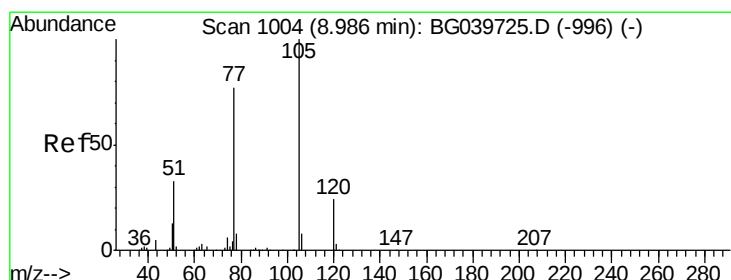
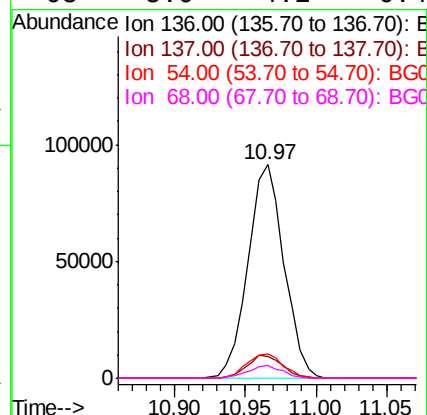
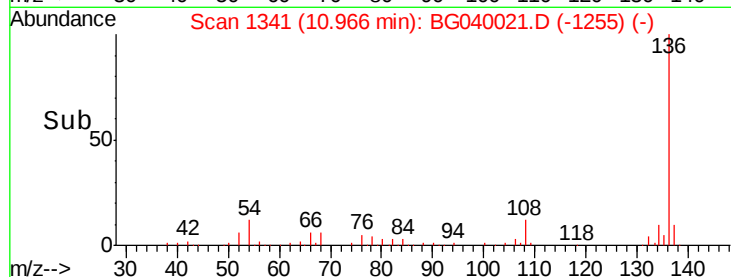
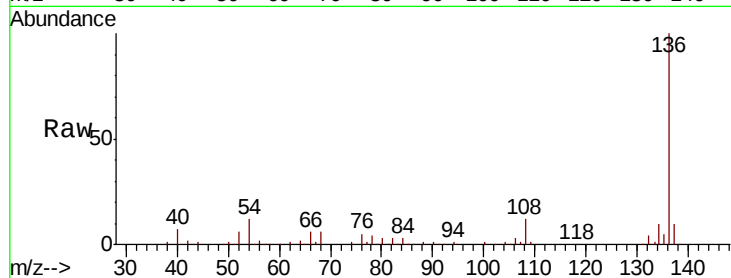




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

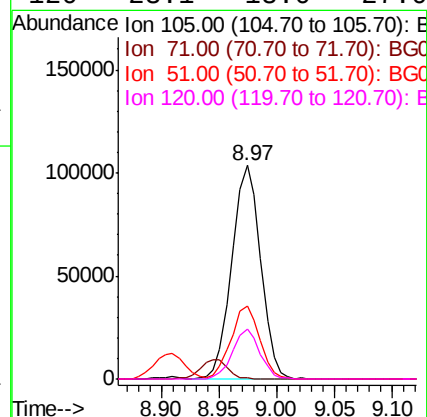
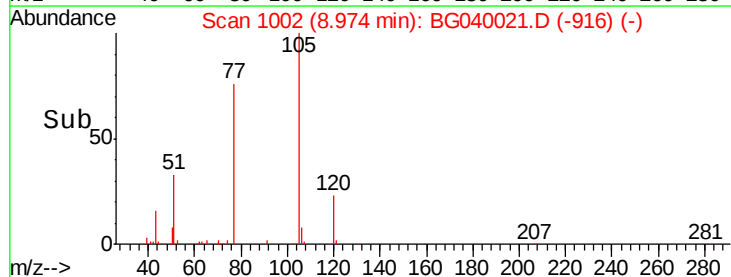
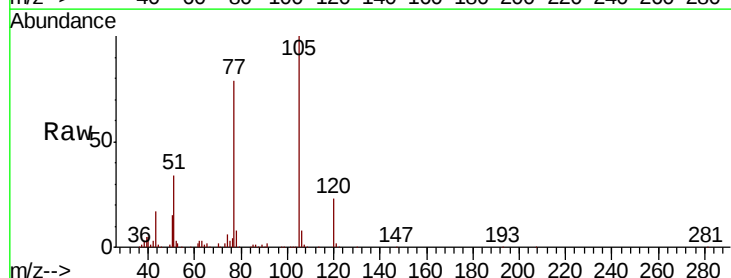
Instrument :
BNA_G
ClientSampleId :
PB118056BS

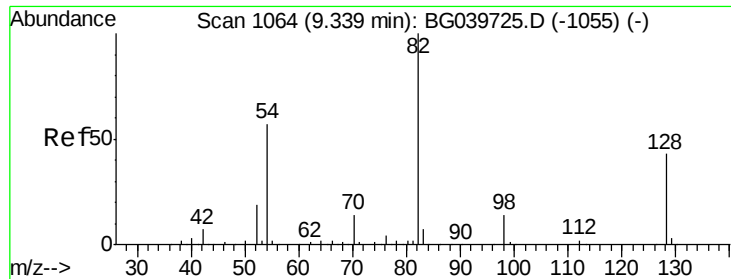
Tgt Ion:	136	Resp:	163633
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	11.5	9.4	14.2
68	5.9	4.2	6.4



#22
Acetophenone
Concen: 40.728 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:	105	Resp:	178872
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	34.3	30.2	45.2
120	23.1	18.0	27.0

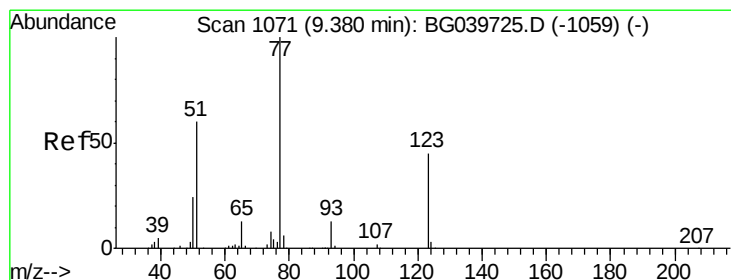
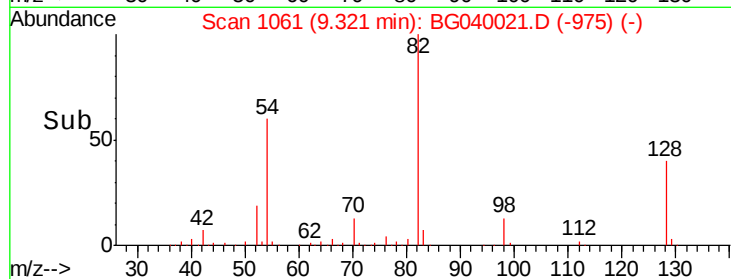
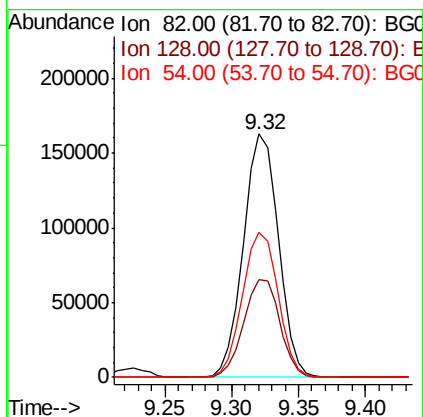
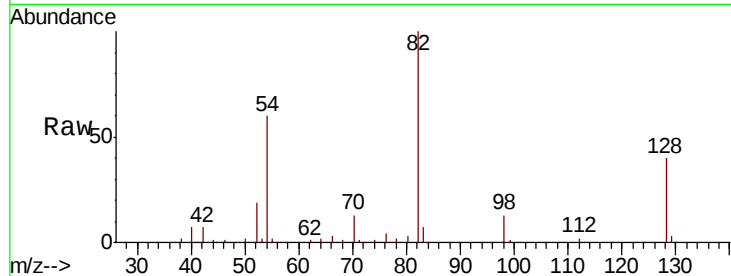




#23
 Nitrobenzene-d5
 Concen: 97.546 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

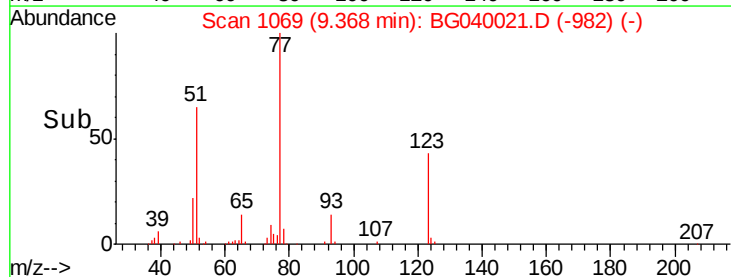
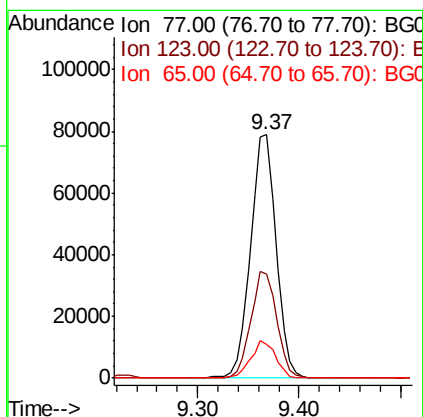
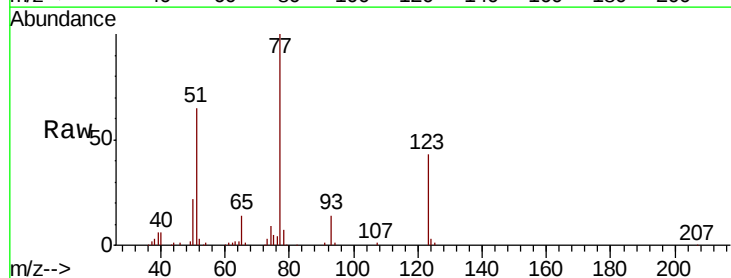
Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

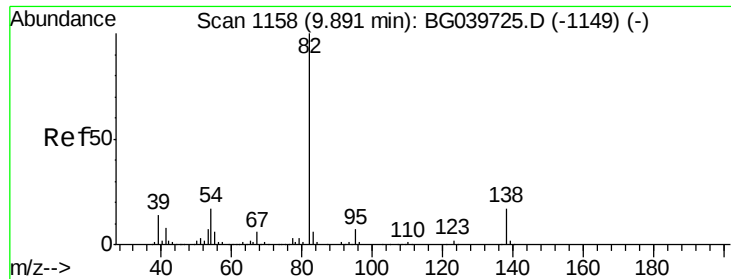
Tgt Ion: 82 Resp: 295129
 Ion Ratio Lower Upper
 82 100
 128 40.3 31.3 46.9
 54 59.5 50.9 76.3



#24
 Nitrobenzene
 Concen: 43.754 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion: 77 Resp: 138876
 Ion Ratio Lower Upper
 77 100
 123 42.8 34.1 51.1
 65 13.8 12.3 18.5

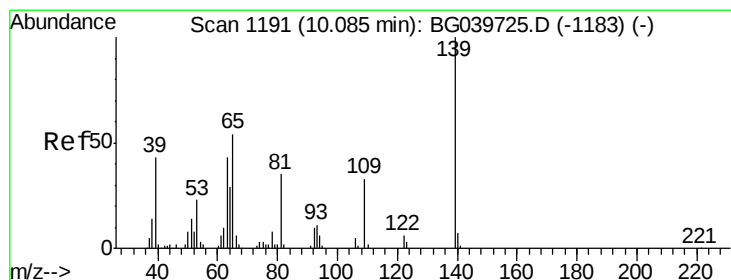
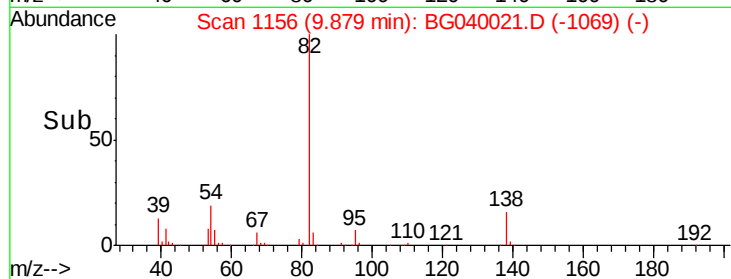
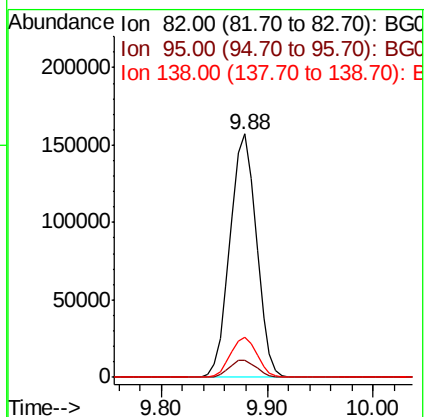
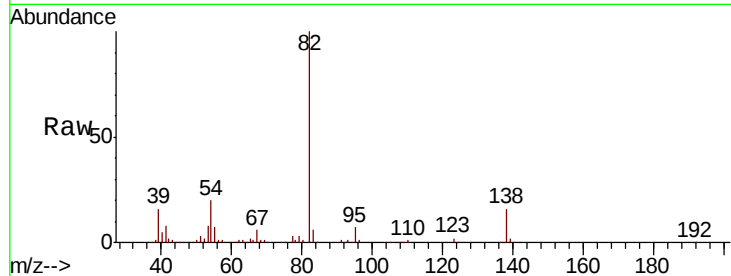




#25
Isophorone
Concen: 42.952 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

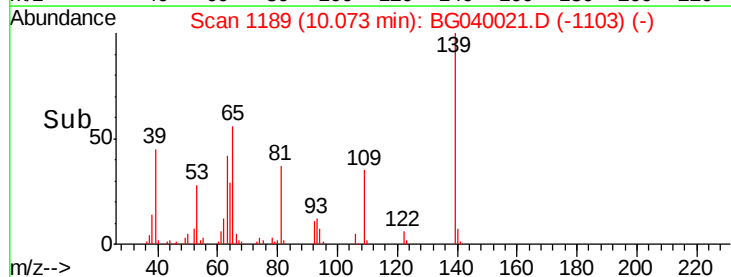
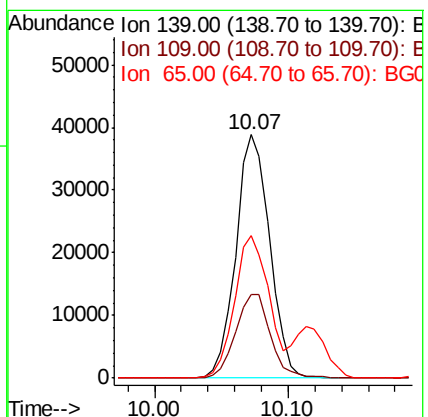
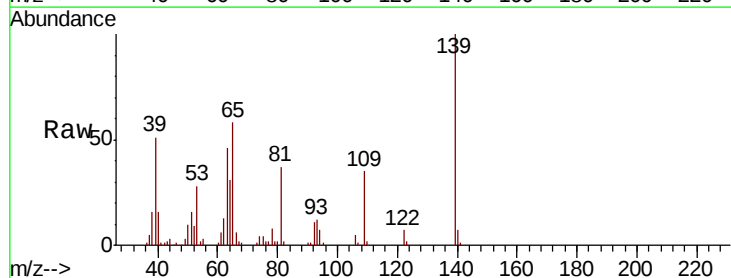
Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion: 82 Resp: 272291
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.2
138 16.4 13.0 19.4



#26
2-Nitrophenol
Concen: 44.278 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion: 139 Resp: 67855
Ion Ratio Lower Upper
139 100
109 34.5 23.4 35.0
65 58.3 44.3 66.5

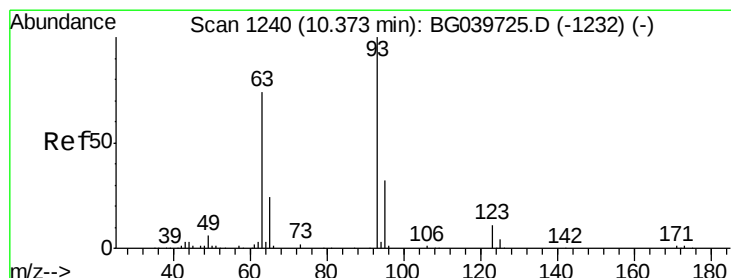
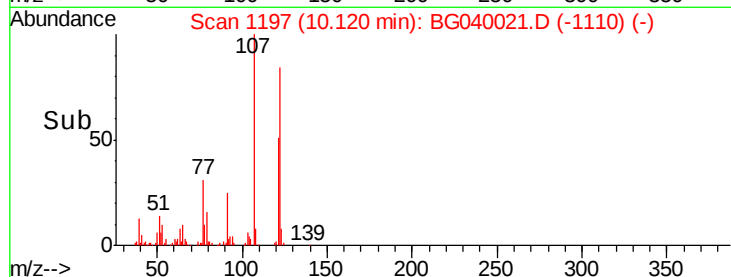
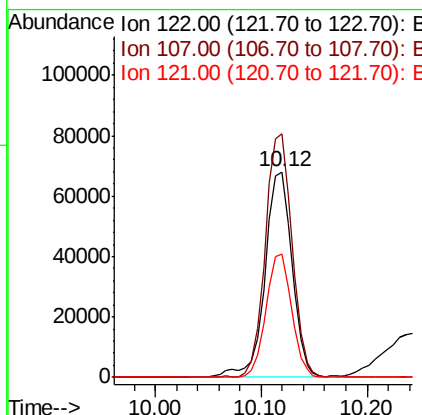
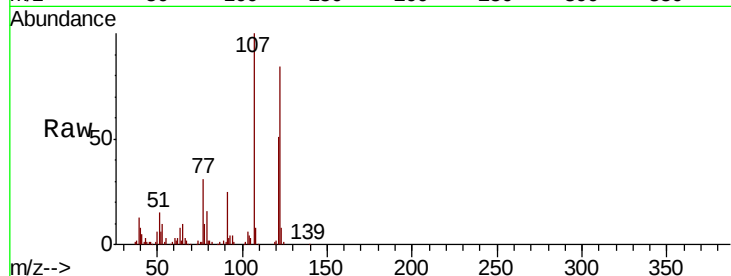




#27
2,4-Dimethylphenol
Concen: 51.149 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

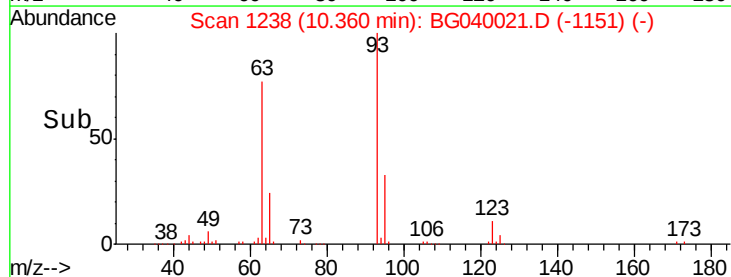
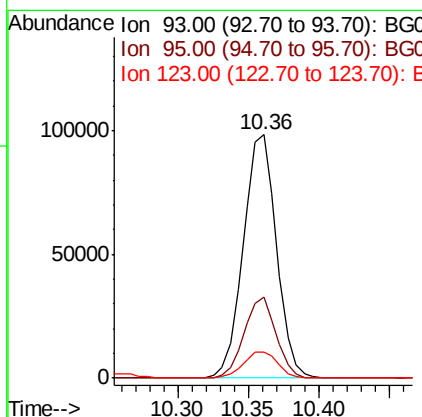
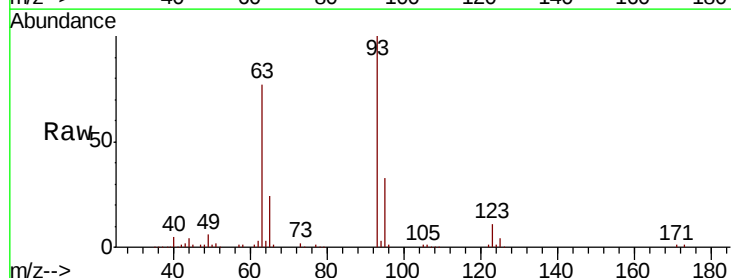
Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.6	91.7	137.5
121	60.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.041 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.0	37.4
123	10.7	8.6	12.8

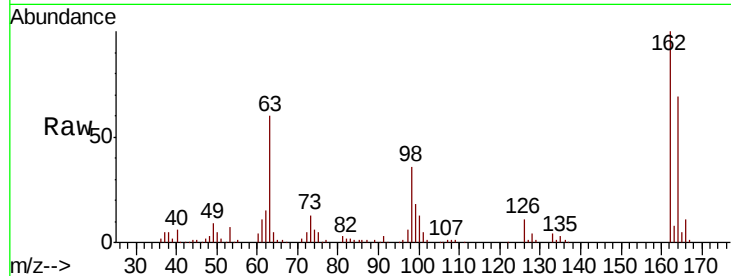




#29
 2,4-Dichlorophenol
 Concen: 47.609 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.9	48.1	88.1
98	36.1	18.1	58.1

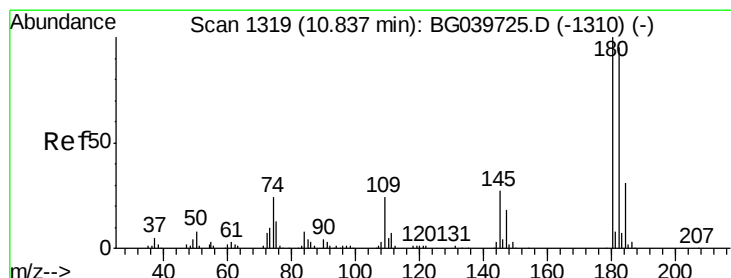
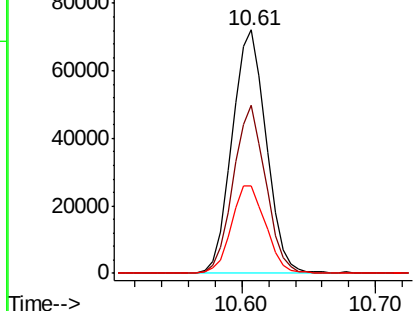
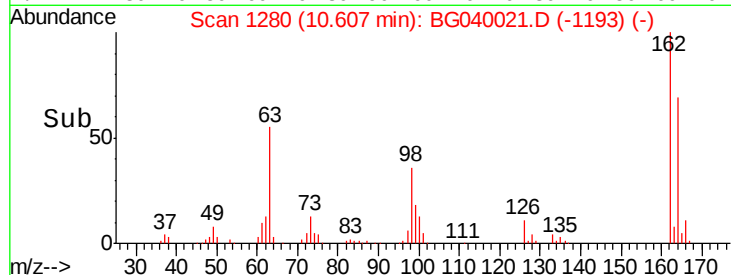


Abundance

Ion 162.00 (161.70 to 162.70): E

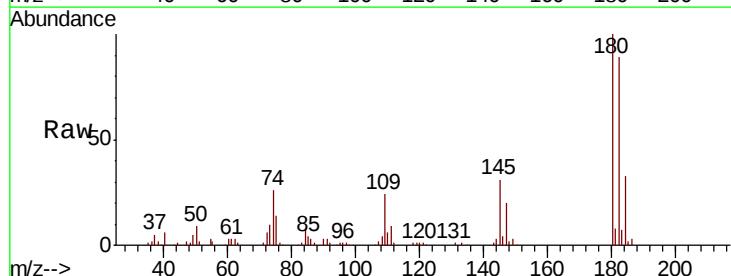
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 41.989 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.4	76.0	114.0
145	30.5	22.7	34.1

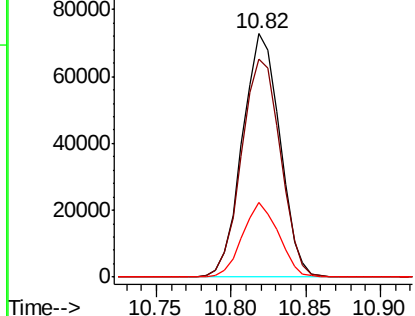
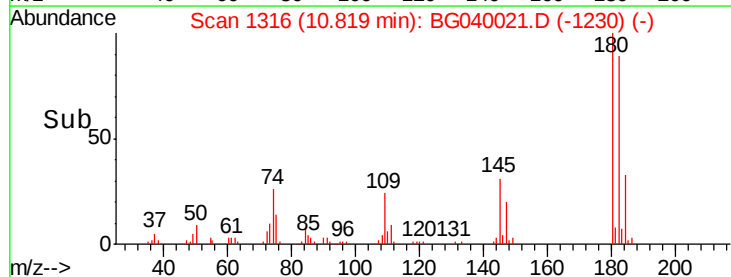


Abundance

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

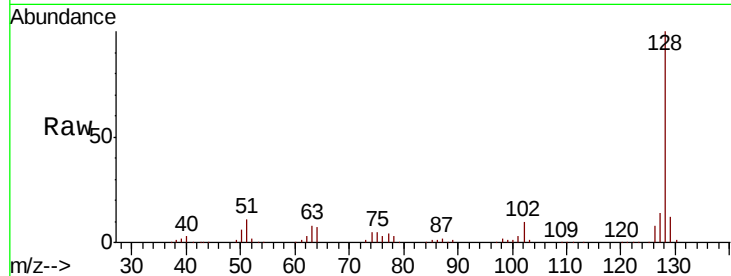




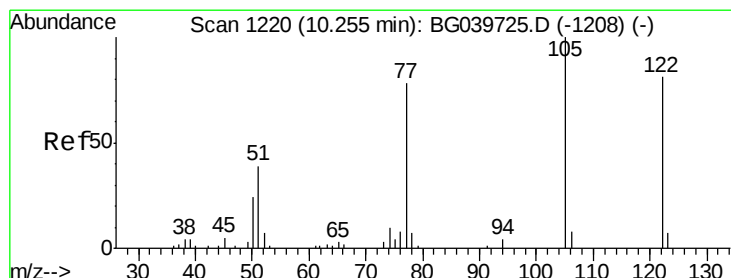
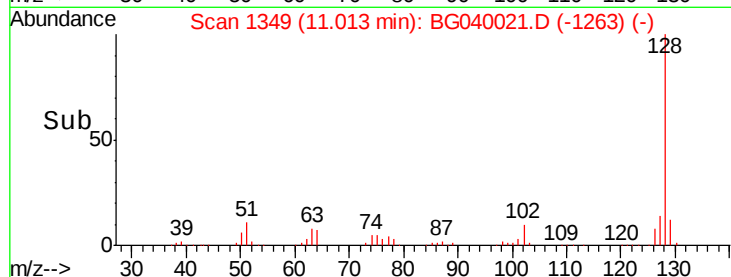
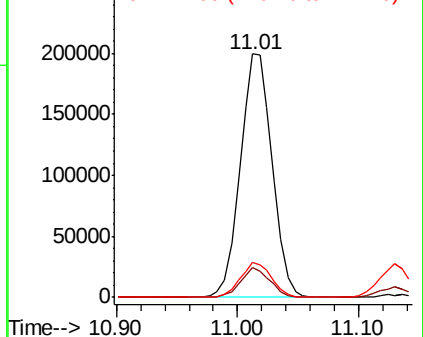
#31
Naphthalene
Concen: 42.060 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion:128 Resp: 364397
Ion Ratio Lower Upper
128 100
129 12.1 8.7 13.1
127 14.4 10.8 16.2

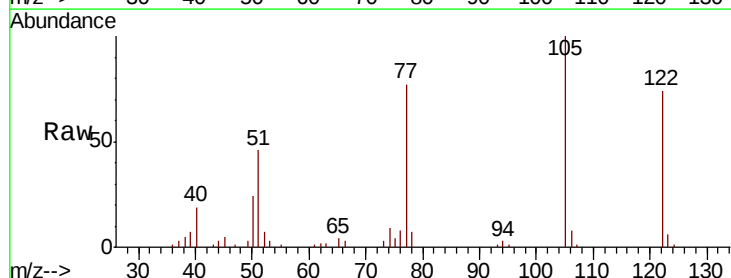


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

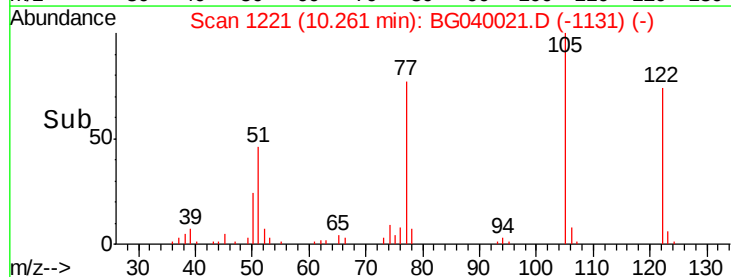
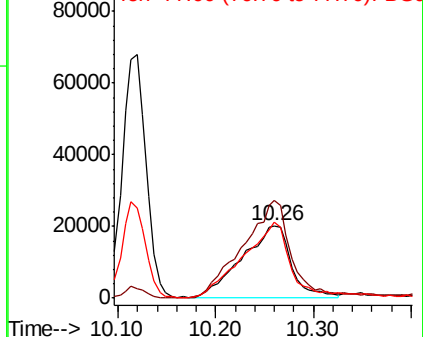


#32
Benzoic acid
Concen: 43.677 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:122 Resp: 70349
Ion Ratio Lower Upper
122 100
105 135.7 101.8 141.8
77 104.4 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): BG

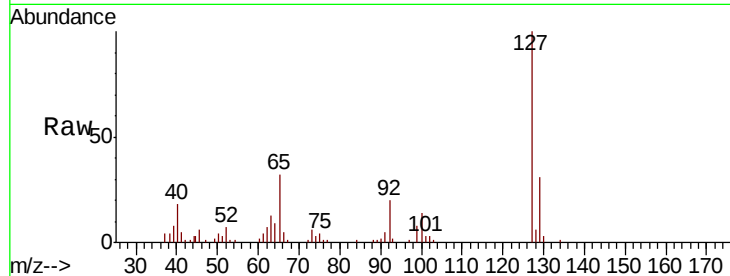




#33
4-Chloroaniline
Concen: 13.886 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion:	127	Resp:	51015
Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.0	40.4
65	31.8	28.8	43.2
92	20.1	16.6	25.0



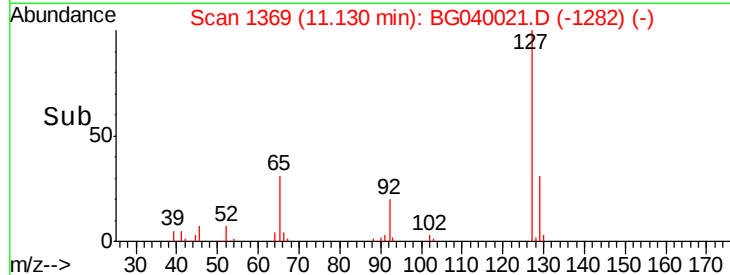
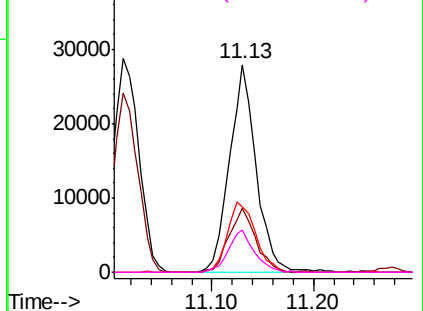
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

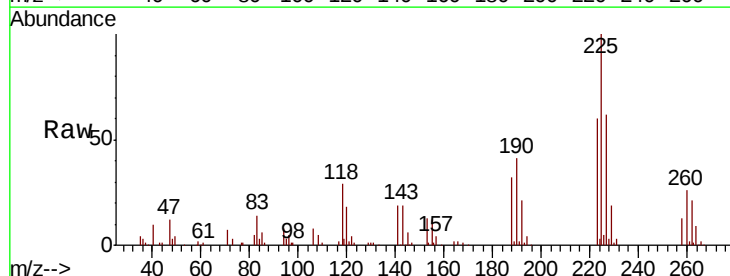
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.997 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:	225	Resp:	82531
Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.0	73.6
227	61.6	46.3	69.5

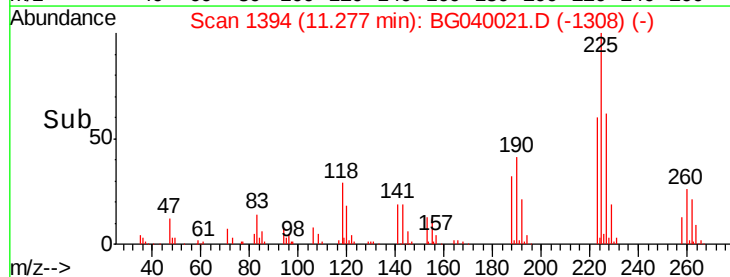
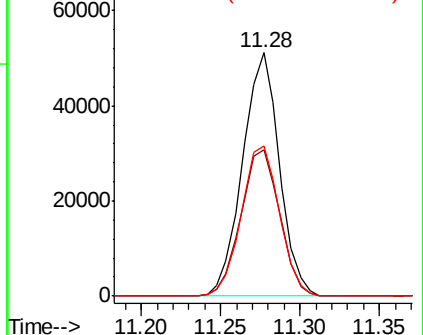


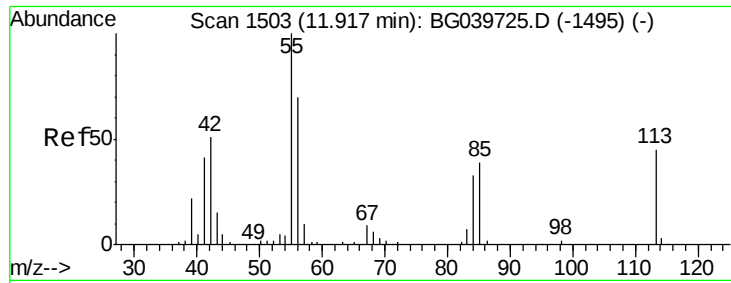
Abundance

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: 24.430 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

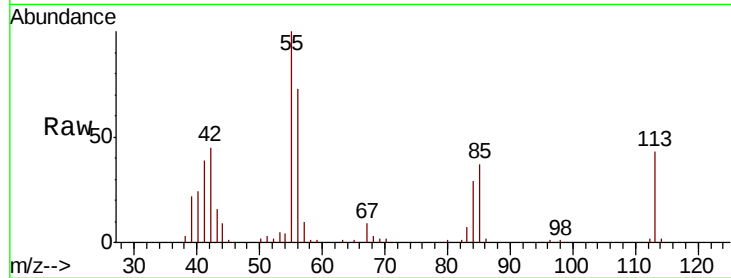
Tgt Ion:113 Resp: 25042

Ion Ratio Lower Upper

113 100

55 233.4 216.9 256.9

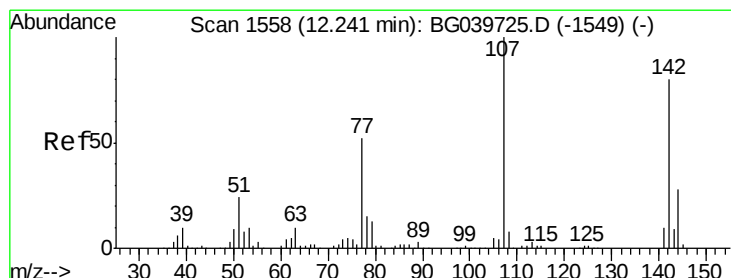
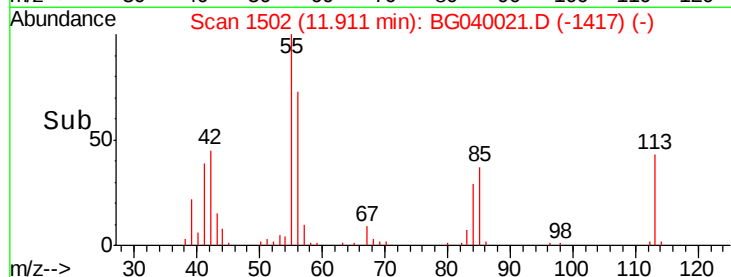
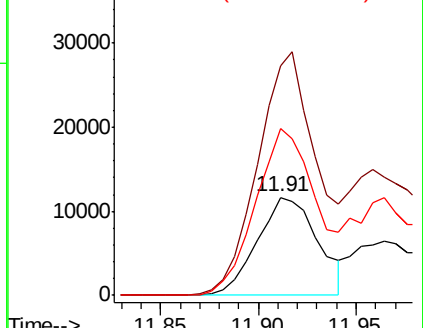
56 169.9 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.942 ng

RT: 12.23 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

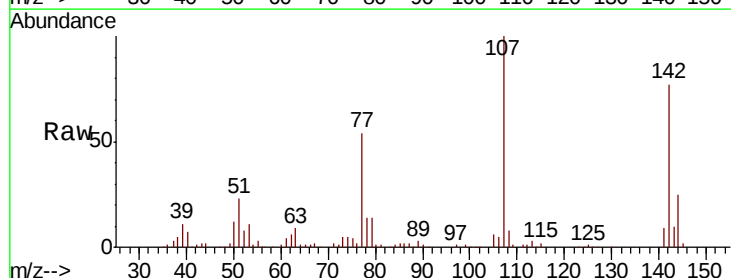
Tgt Ion:107 Resp: 147473

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

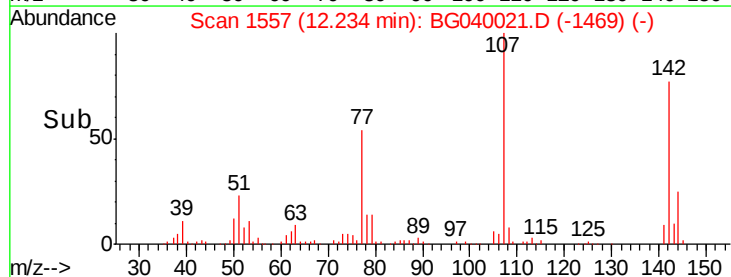
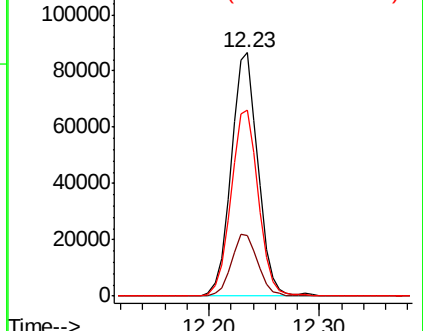
142 76.5 61.4 92.2

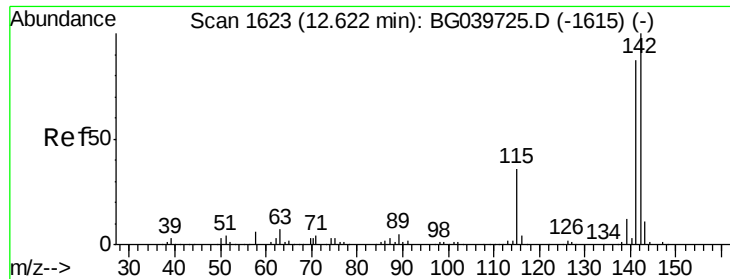


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

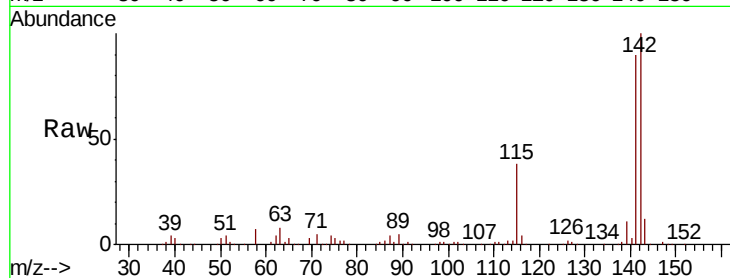




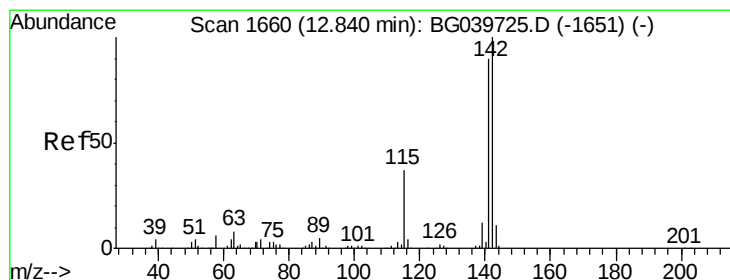
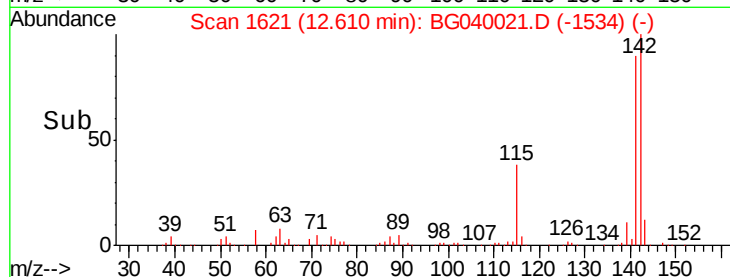
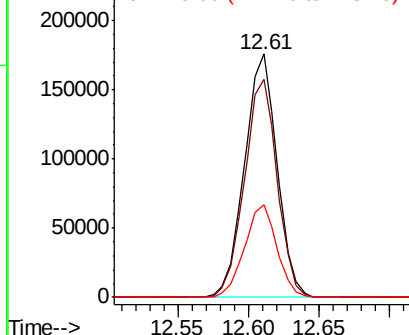
#37
2-Methylnaphthalene
Concen: 43.845 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion:142 Resp: 283991
Ion Ratio Lower Upper
142 100
141 89.7 73.5 110.3
115 38.2 30.8 46.2

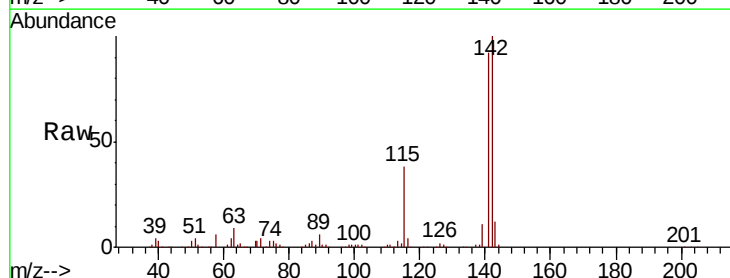


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

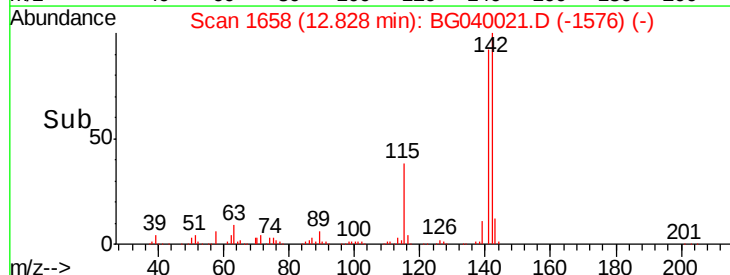
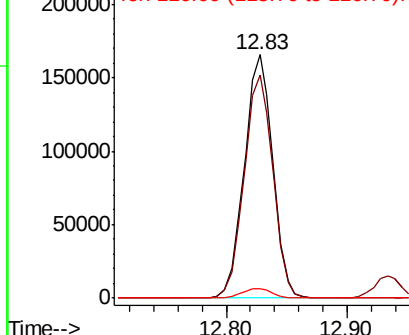


#38
1-Methylnaphthalene
Concen: 43.069 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:142 Resp: 271102
Ion Ratio Lower Upper
142 100
141 91.7 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# 1989

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

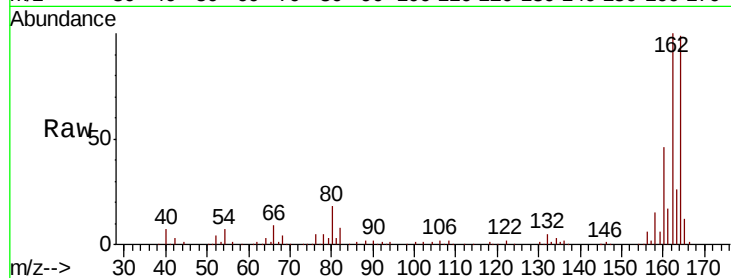
Tgt Ion:164 Resp: 117879

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

160 46.1 34.2 51.2

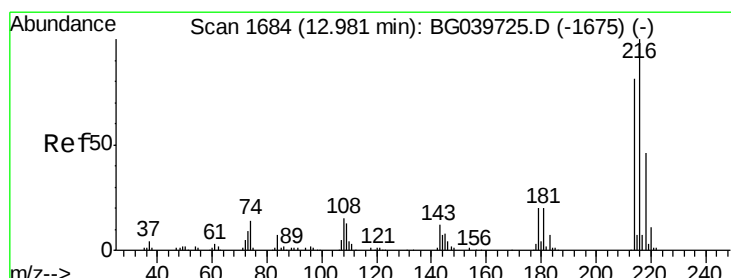
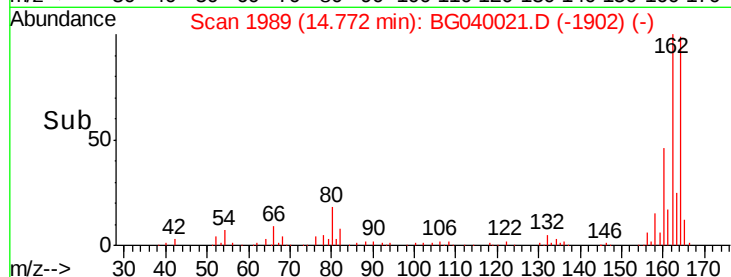
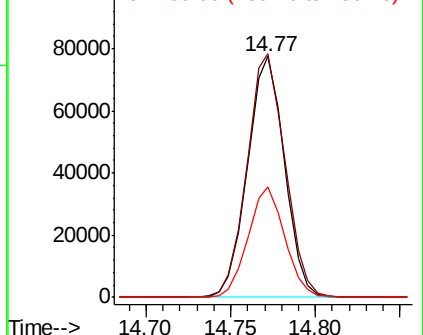


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.833 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Tgt Ion:216 Resp: 155077

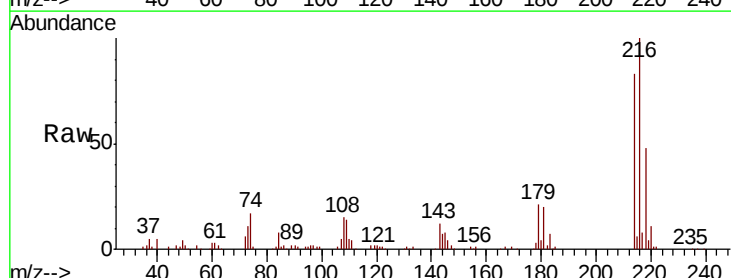
Ion Ratio Lower Upper

216 100

214 79.8 62.6 94.0

179 20.5 16.6 25.0

108 18.9 14.0 21.0



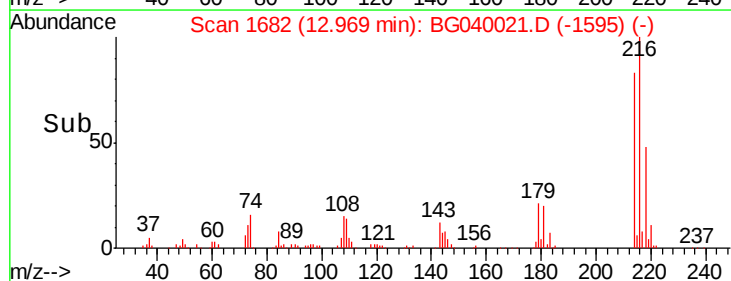
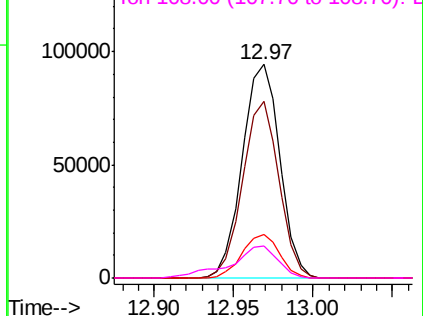
Abundance

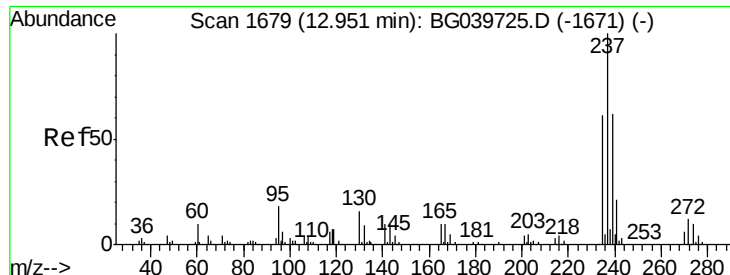
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.016 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

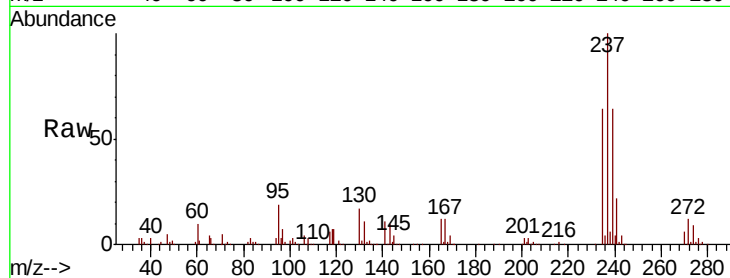
Tgt Ion: 237 Resp: 211905

Ion Ratio Lower Upper

237 100

235 64.4 43.3 83.3

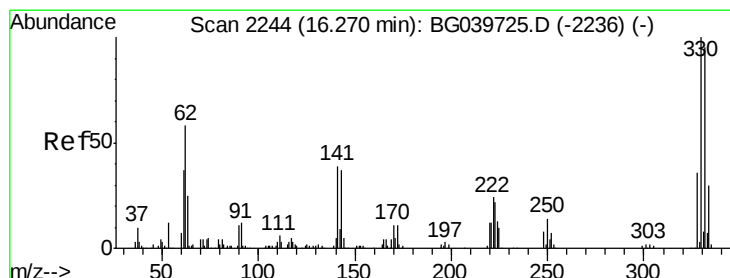
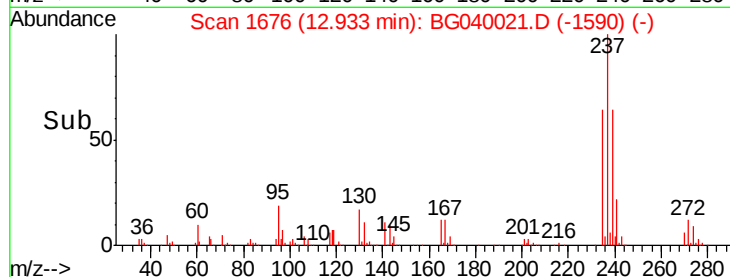
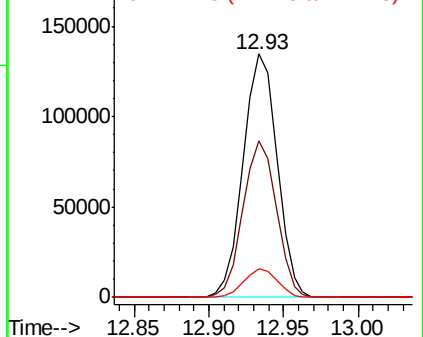
272 11.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 152.273 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

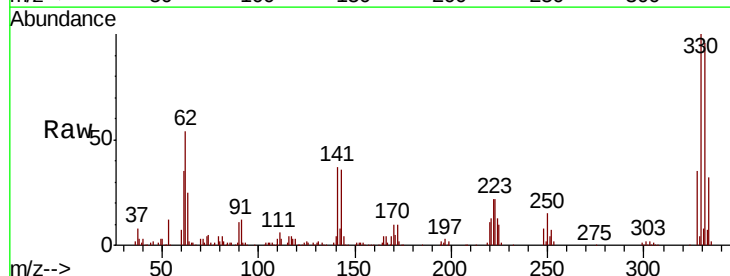
Tgt Ion: 330 Resp: 209218

Ion Ratio Lower Upper

330 100

332 94.3 75.7 113.5

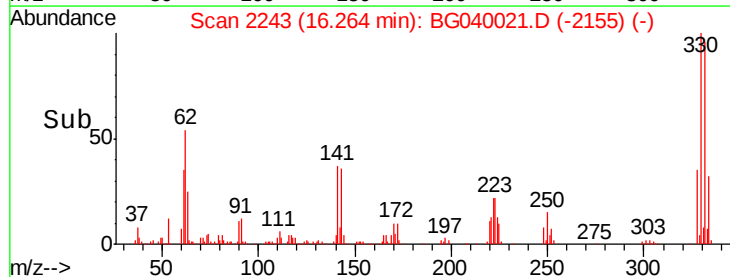
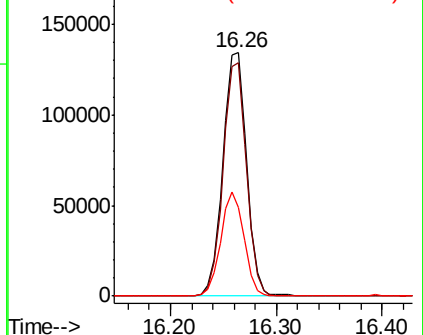
141 41.9 35.6 53.4



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

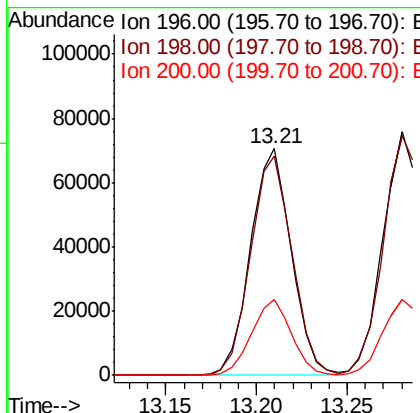
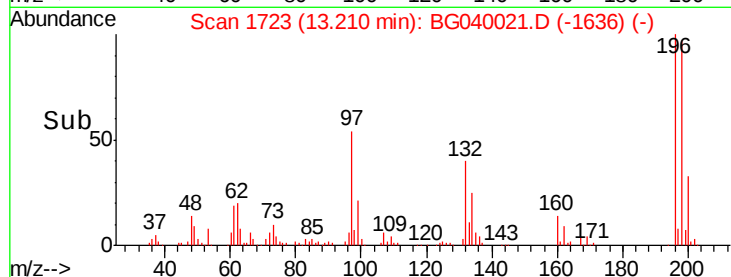
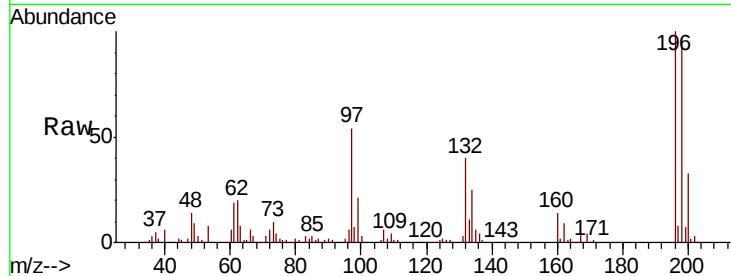




#43
 2,4,6-Trichlorophenol
 Concen: 47.092 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

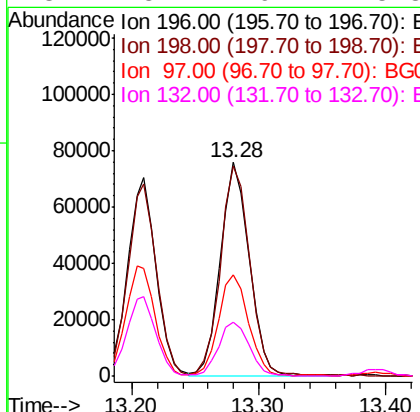
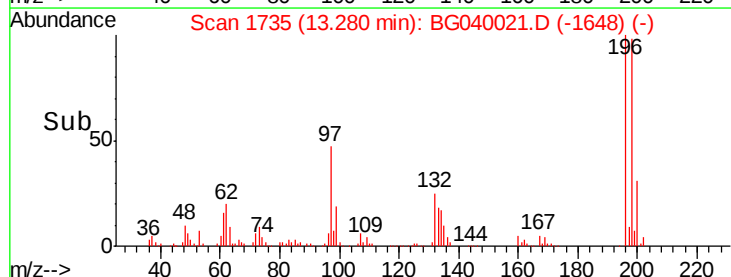
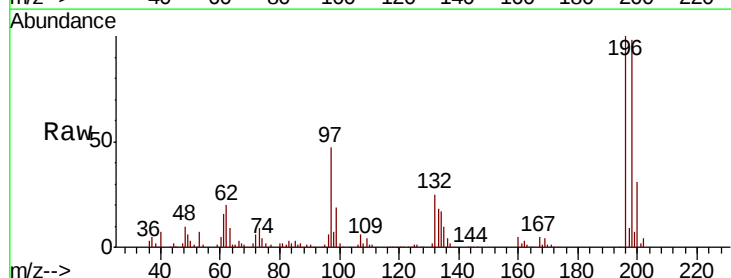
Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

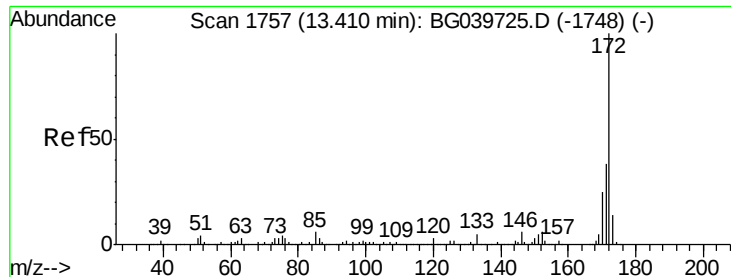
Tgt Ion:196 Resp: 110101
 Ion Ratio Lower Upper
 196 100
 198 96.8 80.6 121.0
 200 33.2 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.299 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion:196 Resp: 119377
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.5 117.7
 97 47.1 38.4 57.6
 132 25.4 19.2 28.8

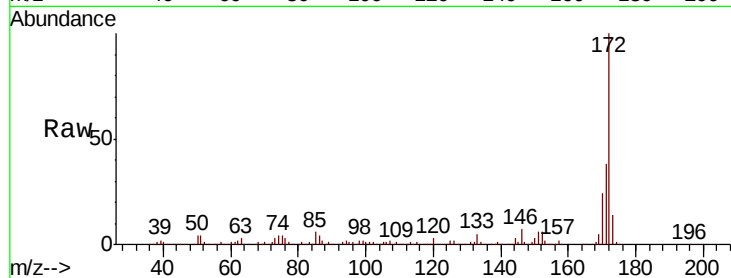




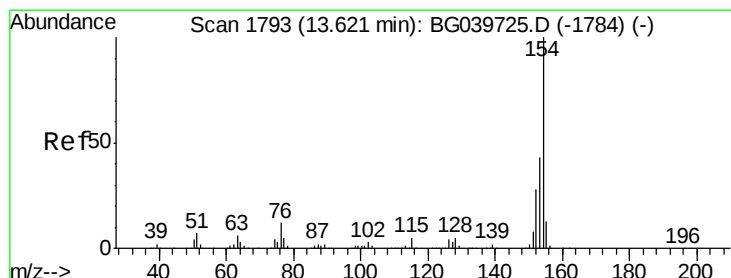
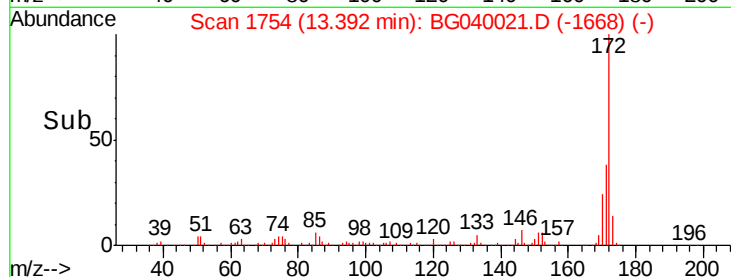
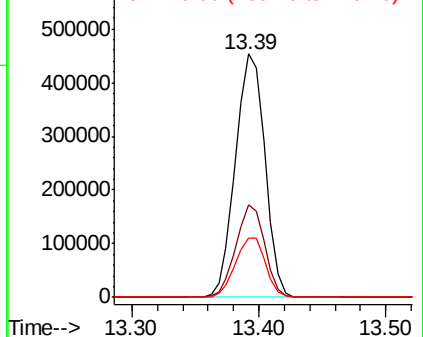
#45
 2-Fluorobiphenyl
 Concen: 88.166 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tgt Ion:172 Resp: 729931
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 24.3 20.2 30.4

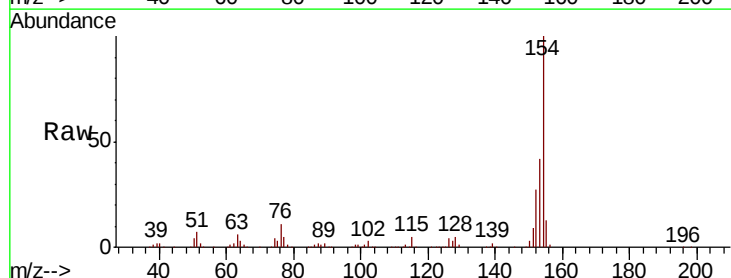


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

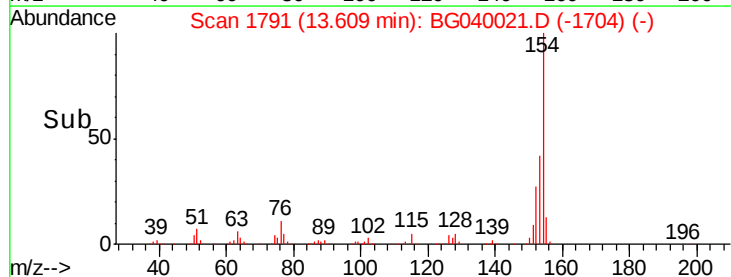
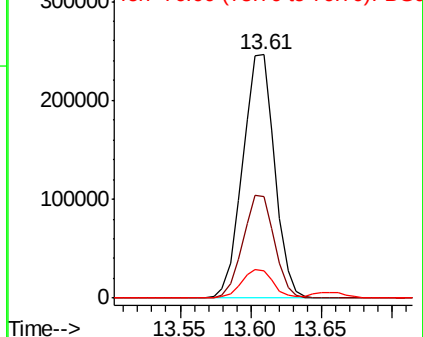


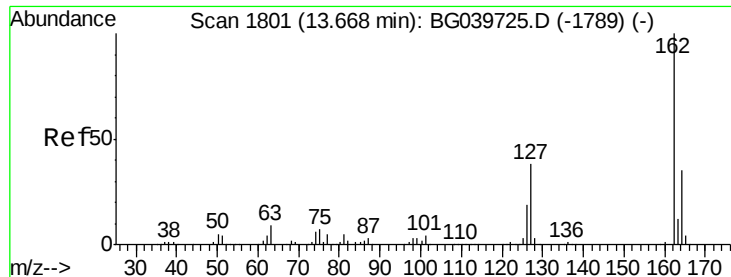
#46
 1,1'-Biphenyl
 Concen: 40.074 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion:154 Resp: 388536
 Ion Ratio Lower Upper
 154 100
 153 41.6 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

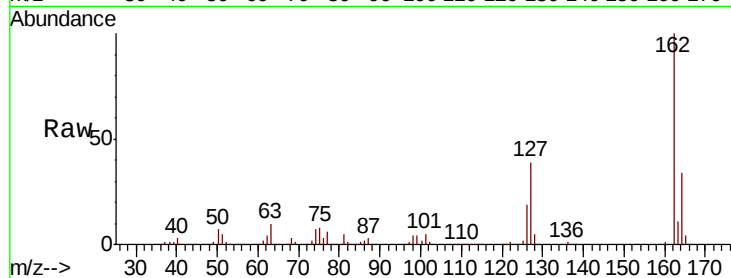




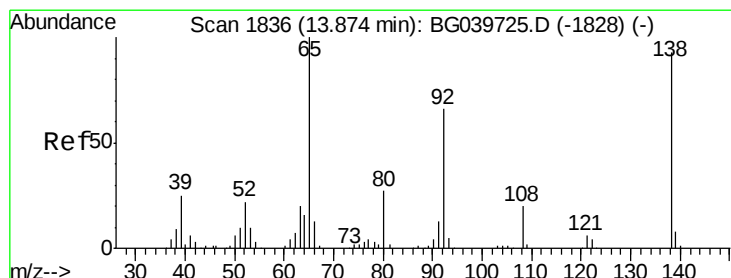
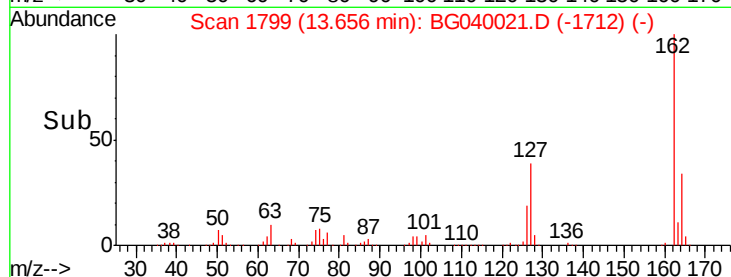
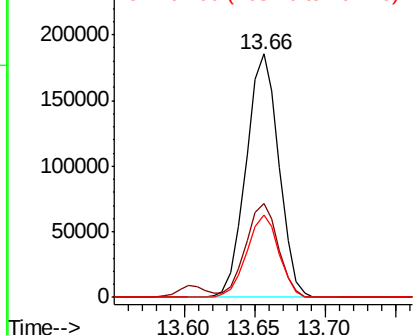
#47
 2-Chloronaphthalene
 Concen: 41.233 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tgt Ion: 162 Resp: 300747
 Ion Ratio Lower Upper
 162 100
 127 38.7 31.0 46.6
 164 33.8 25.7 38.5

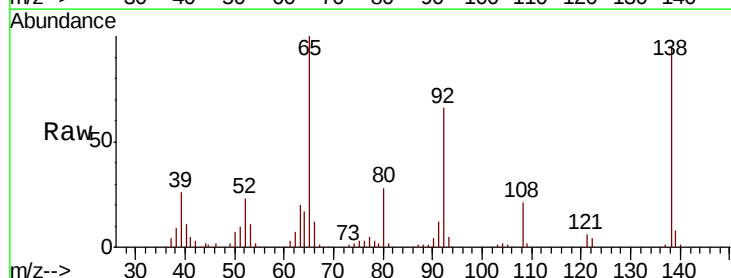


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

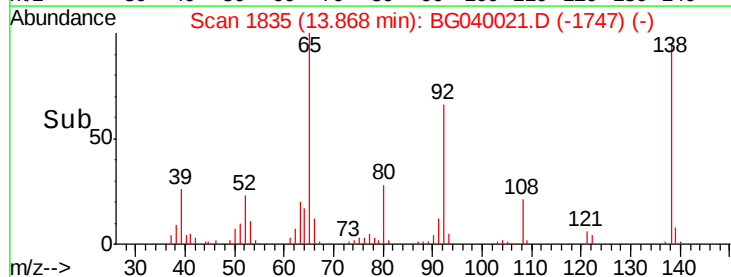
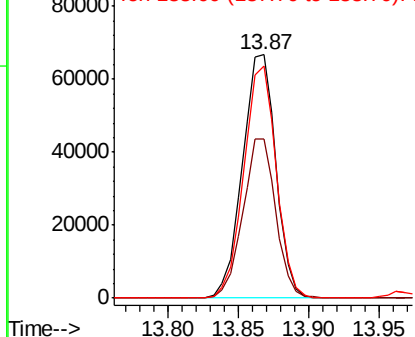


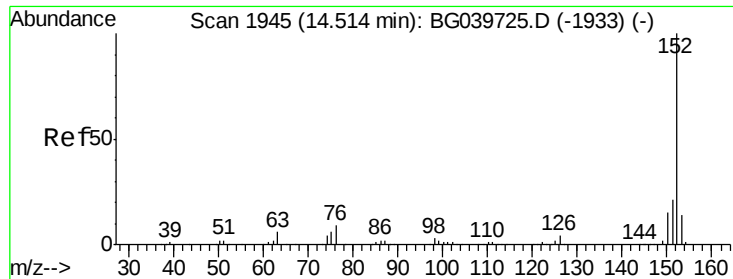
#48
 2-Nitroaniline
 Concen: 47.106 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion: 65 Resp: 110416
 Ion Ratio Lower Upper
 65 100
 92 65.5 51.4 77.2
 138 95.2 71.4 107.2



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





#49

Acenaphthylene

Concen: 41.328 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

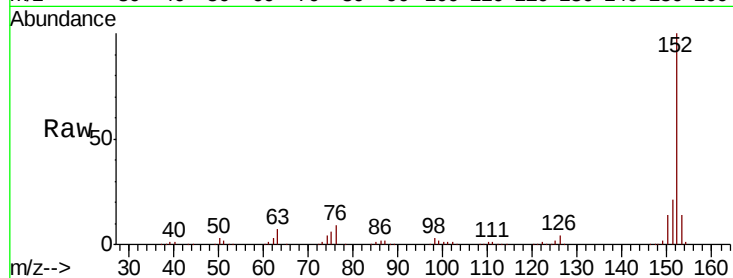
Tgt Ion:152 Resp: 494838

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 13.5 11.7 17.5

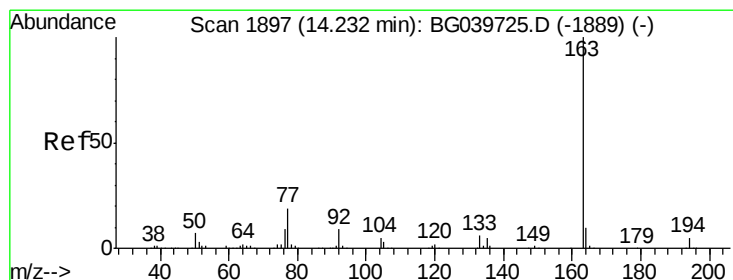
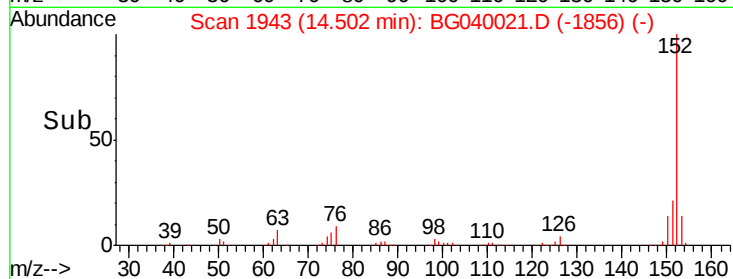
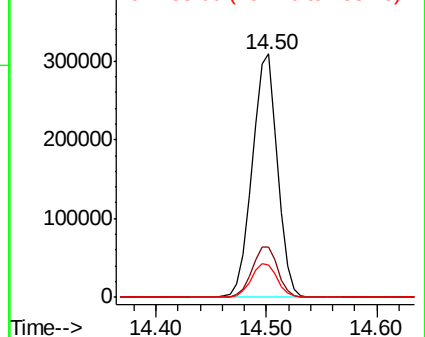


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.227 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

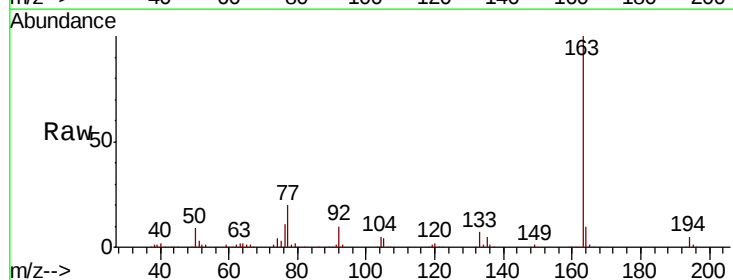
Tgt Ion:163 Resp: 426082

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 10.4 8.4 12.6

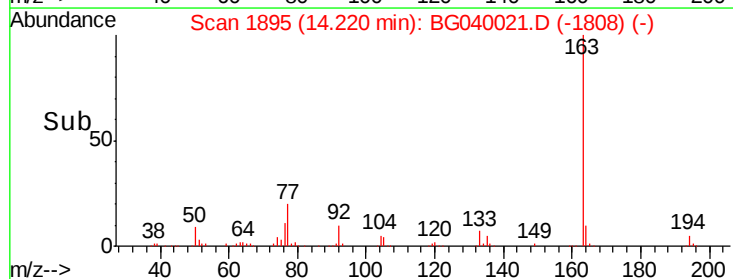
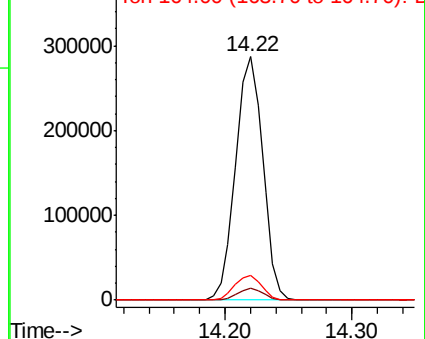


Abundance

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: 46.577 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

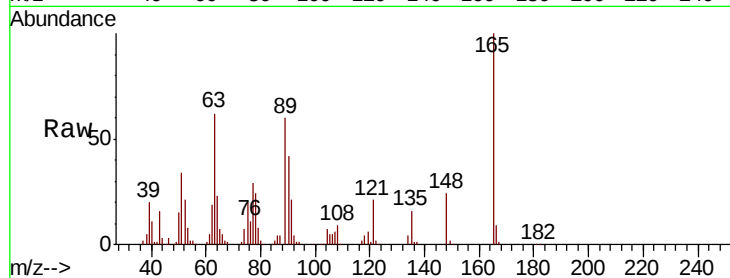
Tgt Ion:165 Resp: 97328

Ion Ratio Lower Upper

165 100

63 62.0 47.0 70.6

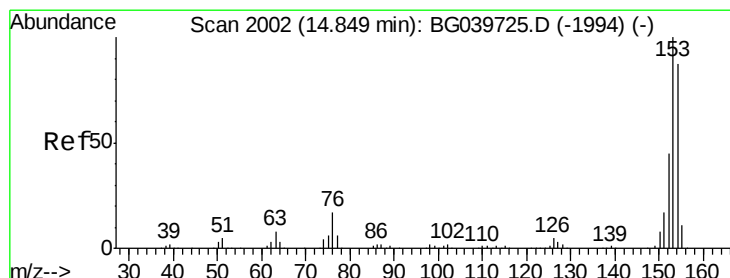
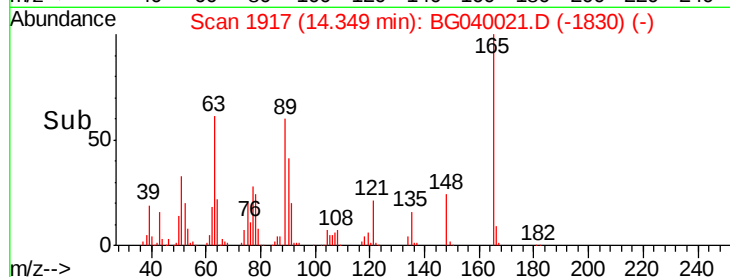
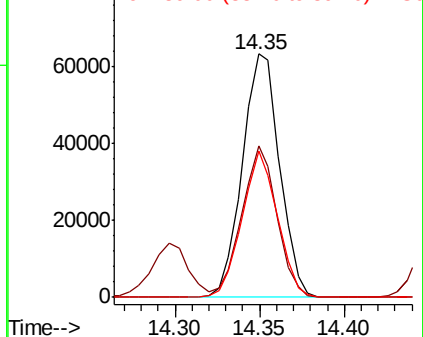
89 60.3 45.8 68.8



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: 41.837 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

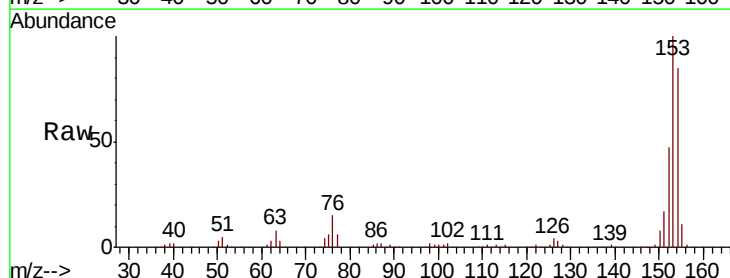
Tgt Ion:154 Resp: 301501

Ion Ratio Lower Upper

154 100

153 117.8 90.1 135.1

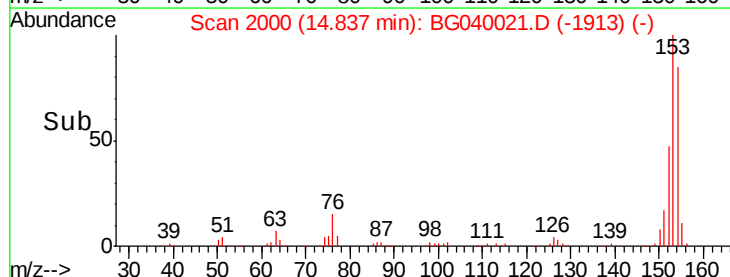
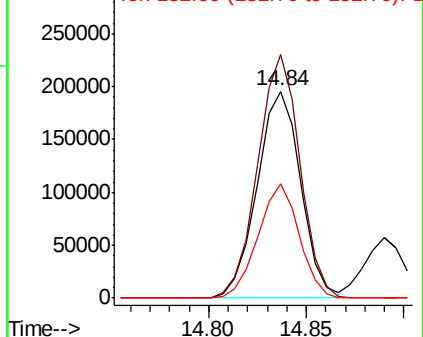
152 55.1 40.9 61.3

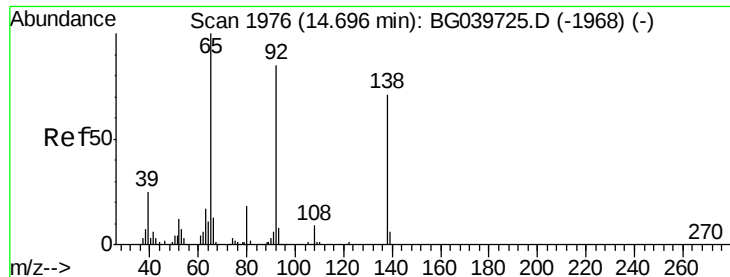


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.638 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

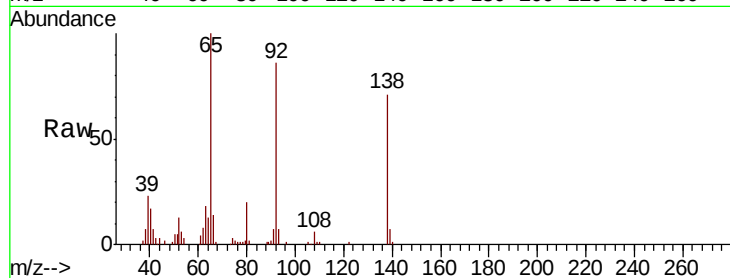
Tgt Ion:138 Resp: 41251

Ion Ratio Lower Upper

138 100

108 8.5 13.8 20.8#

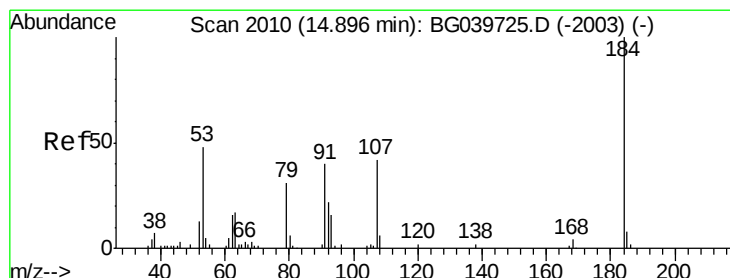
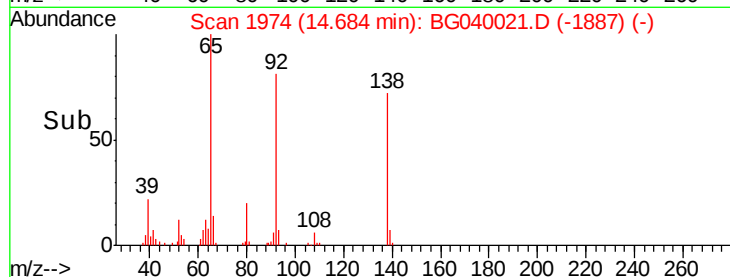
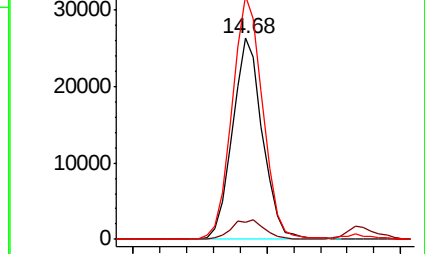
92 121.0 103.7 155.5



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: 95.169 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

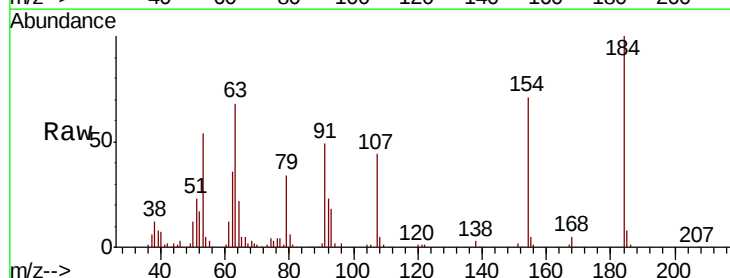
Tgt Ion:184 Resp: 126818

Ion Ratio Lower Upper

184 100

63 68.1 50.9 76.3

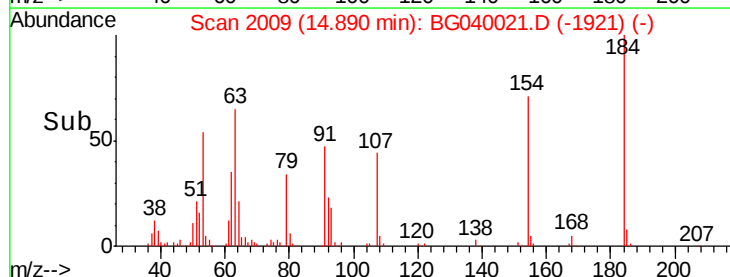
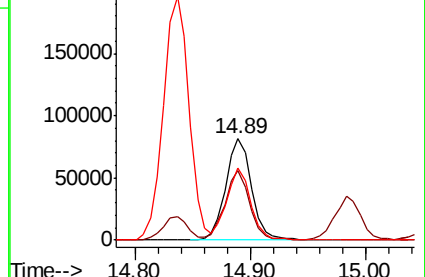
154 70.9 53.0 79.6



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: 42.209 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

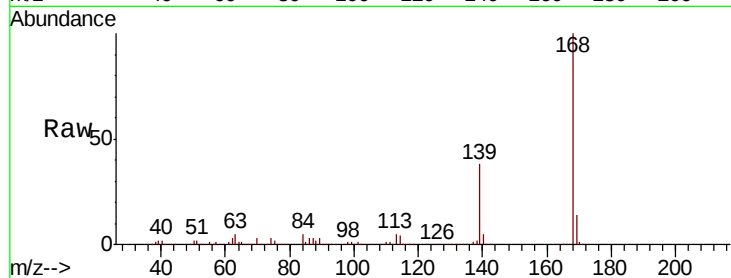
Tgt Ion:168 Resp: 499068

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

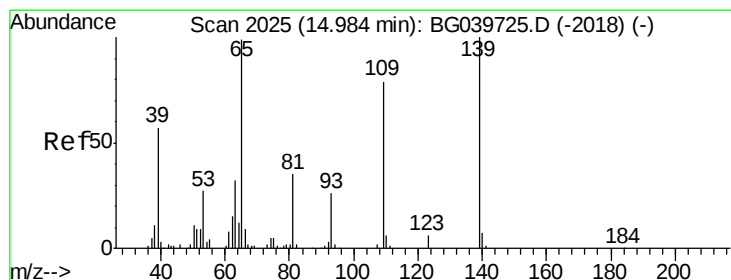
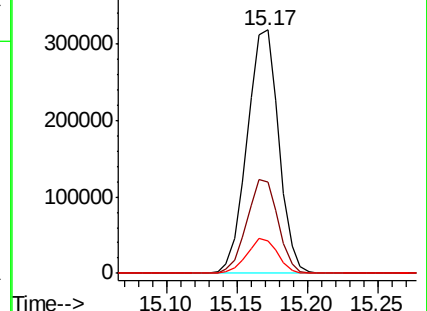
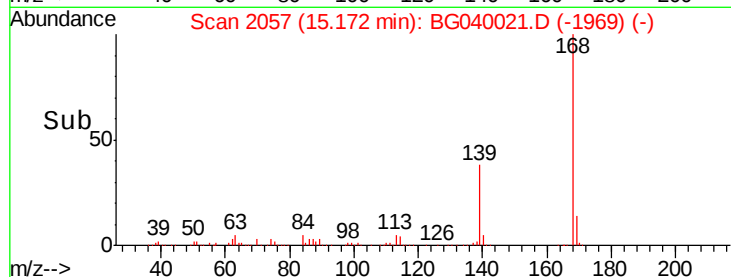
169 13.5 10.6 16.0



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: 88.801 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

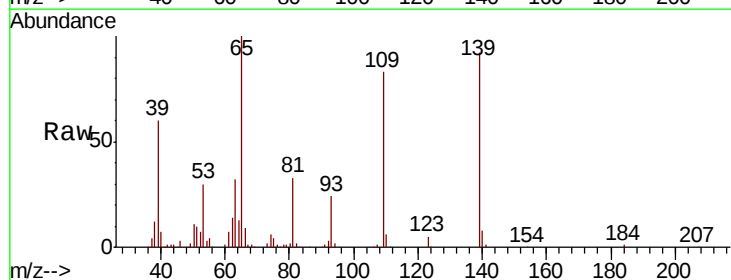
Tgt Ion:139 Resp: 166862

Ion Ratio Lower Upper

139 100

109 89.8 61.9 101.9

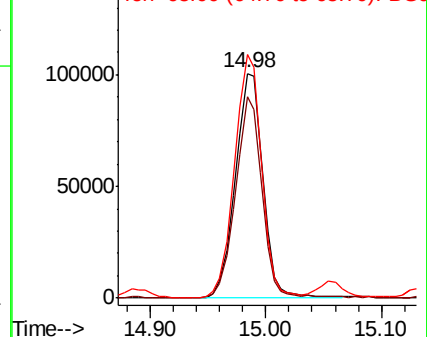
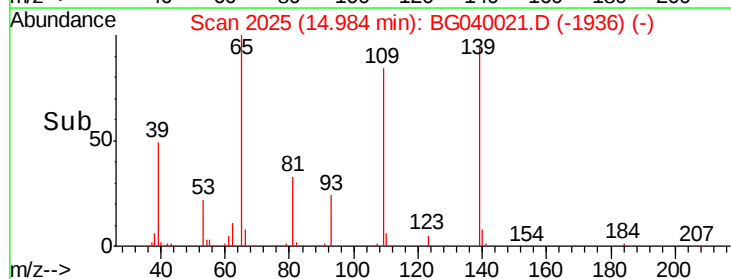
65 108.5 99.1 139.1

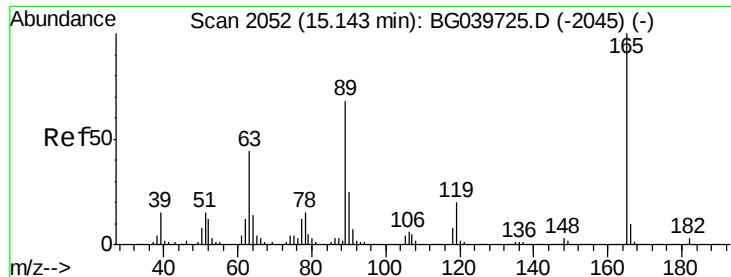


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 47.897 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

Tgt Ion:165 Resp: 140633

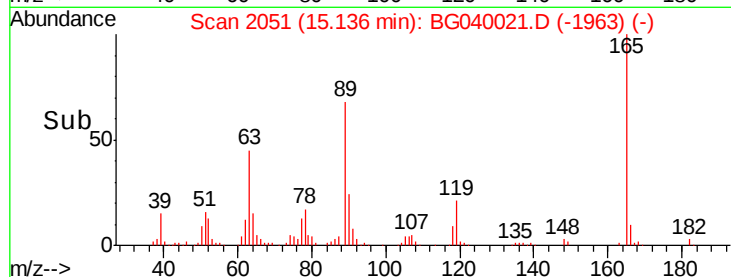
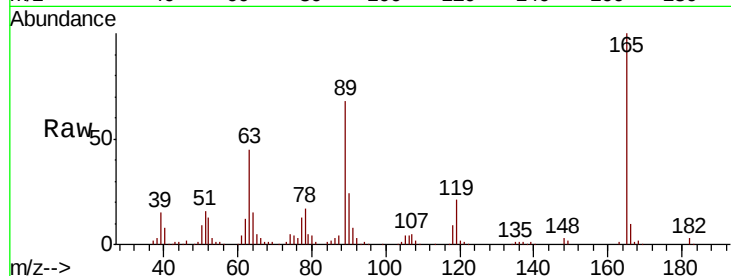
Ion Ratio Lower Upper

165 100

63 44.7 41.0 61.6

89 68.0 64.6 96.8

182 3.0 2.0 3.0#

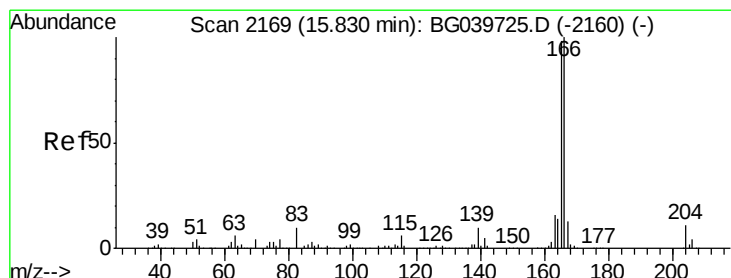
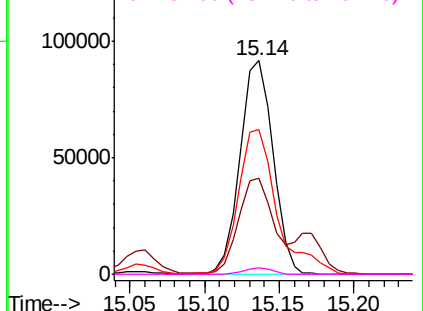


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.194 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

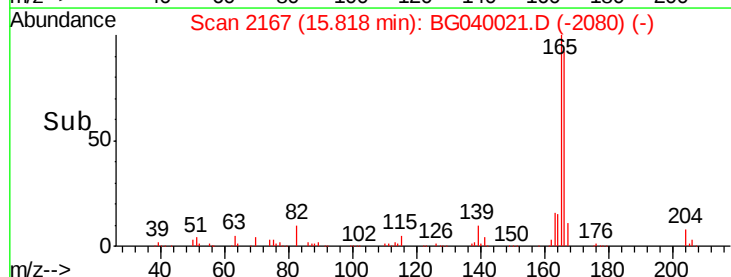
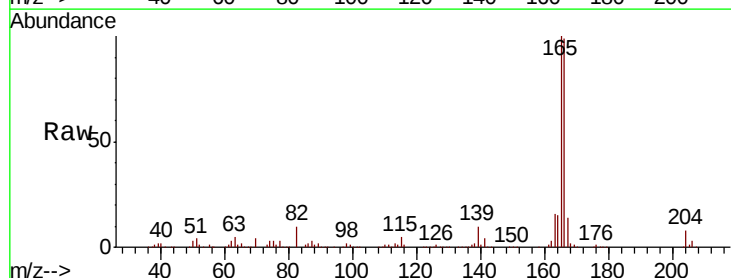
Tgt Ion:166 Resp: 401492

Ion Ratio Lower Upper

166 100

165 100.6 77.9 116.9

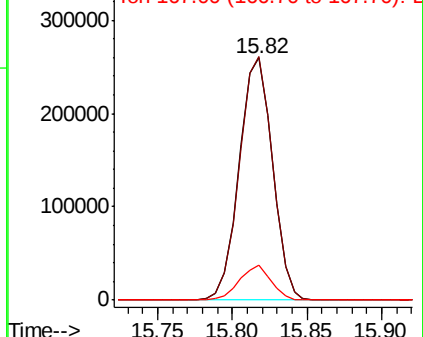
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

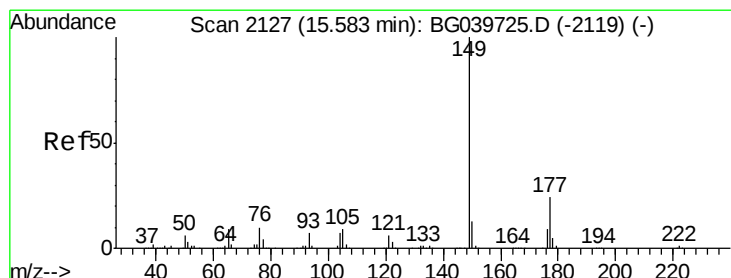
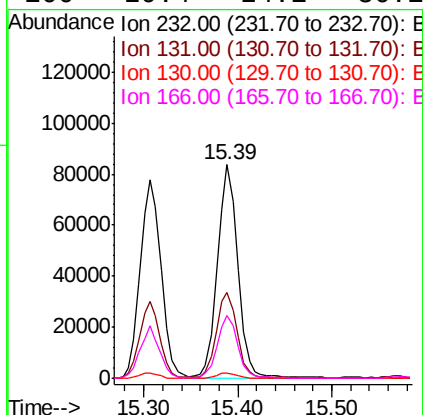
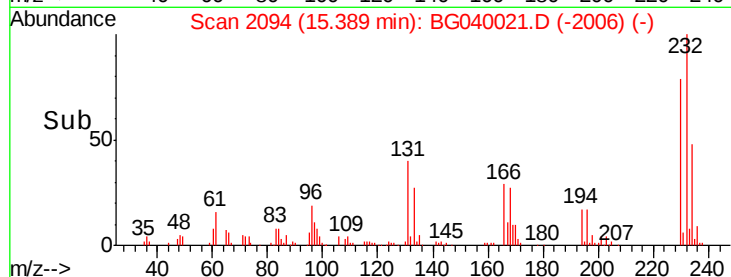
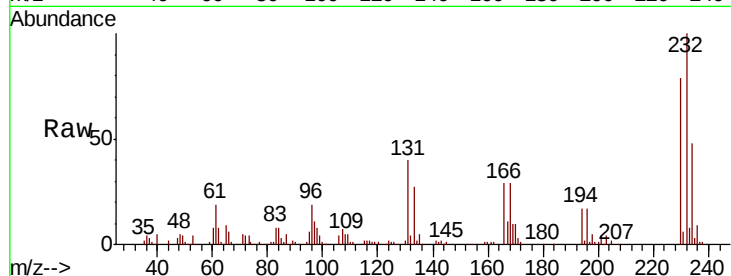




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.325 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

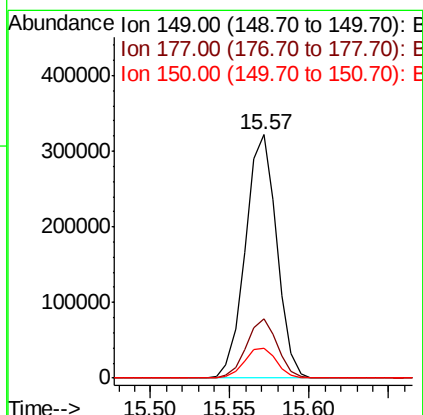
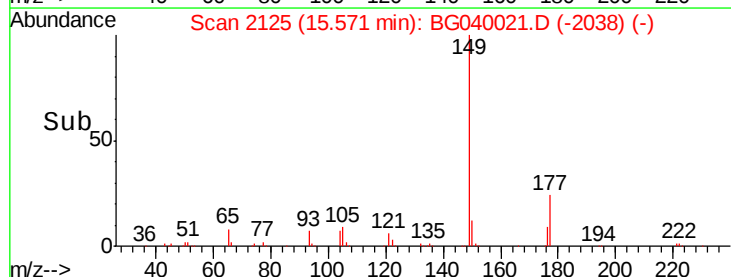
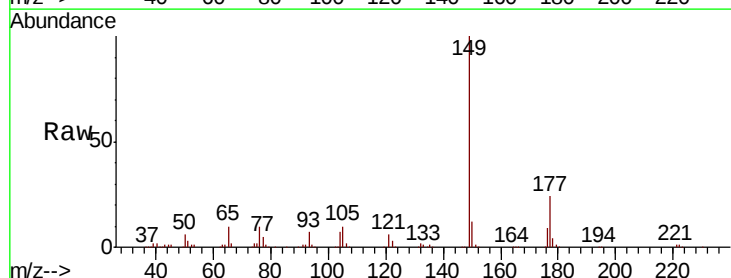
Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion:	232	Resp:	126948
Ion	Ratio	Lower	Upper
232	100		
131	40.2	34.9	52.3
130	2.4	2.0	3.0
166	29.4	24.1	36.1



#60
Diethylphthalate
Concen: 45.119 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:	149	Resp:	440258
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.4	10.2	15.2

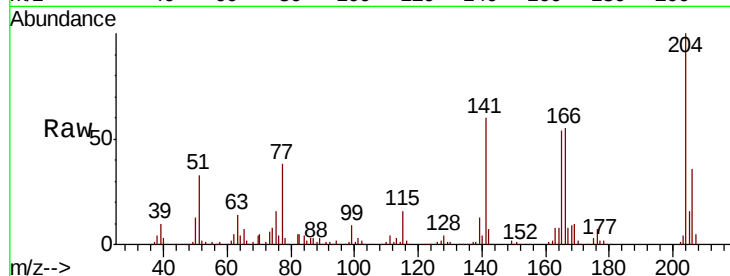




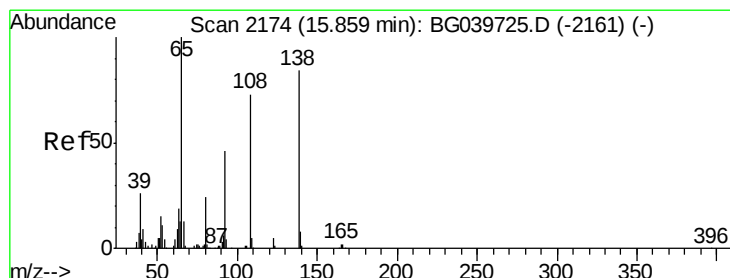
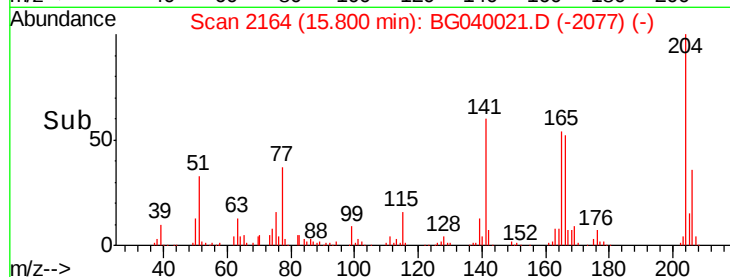
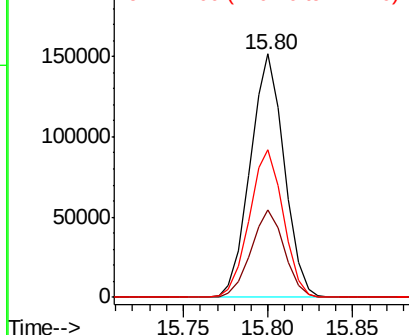
#61
 4-Chlorophenyl-phenylether
 Concen: 42.548 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tgt Ion: 204 Resp: 211040
 Ion Ratio Lower Upper
 204 100
 206 35.7 29.2 43.8
 141 60.4 49.0 73.4

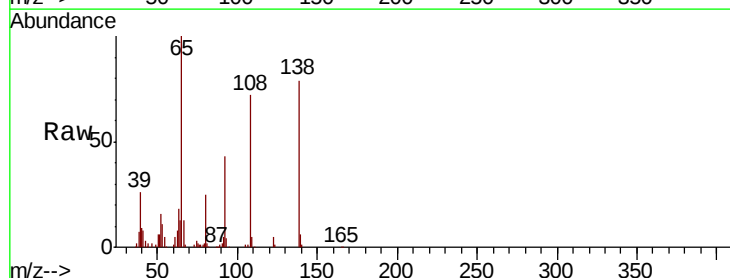


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

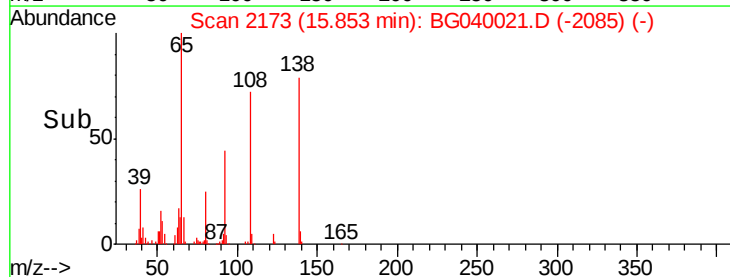
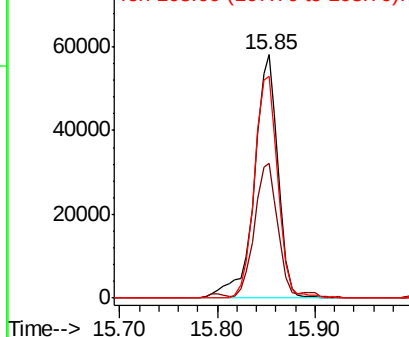


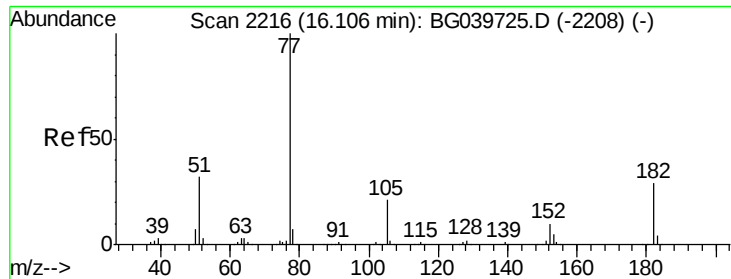
#62
 4-Nitroaniline
 Concen: 43.580 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion: 138 Resp: 99240
 Ion Ratio Lower Upper
 138 100
 92 55.2 38.7 78.7
 108 91.2 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

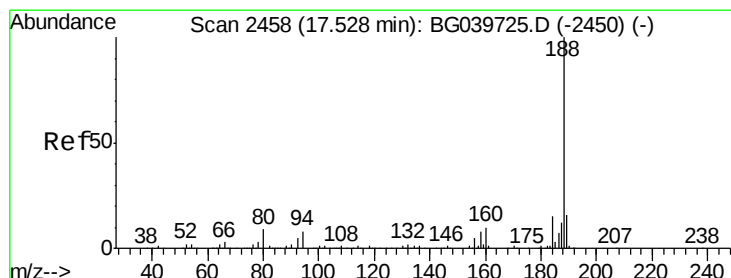
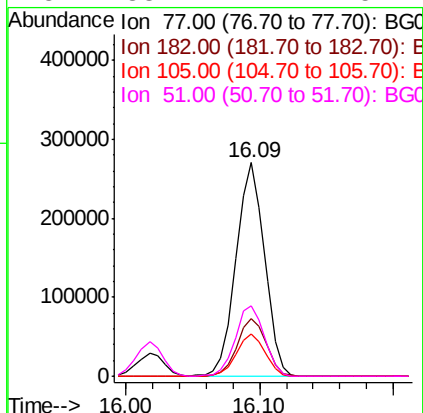
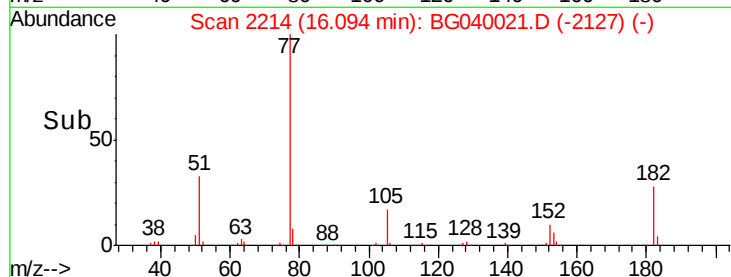
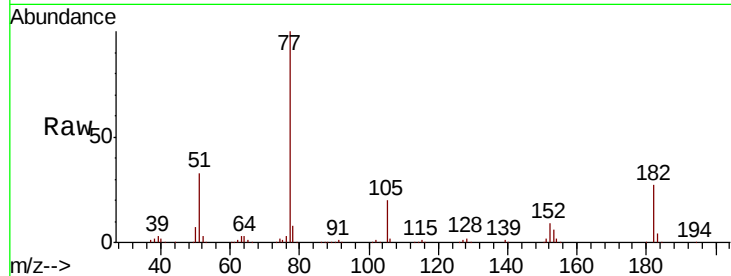




#63
Azobenzene
Concen: 45.304 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

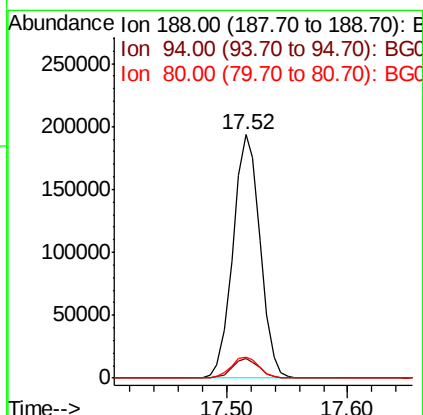
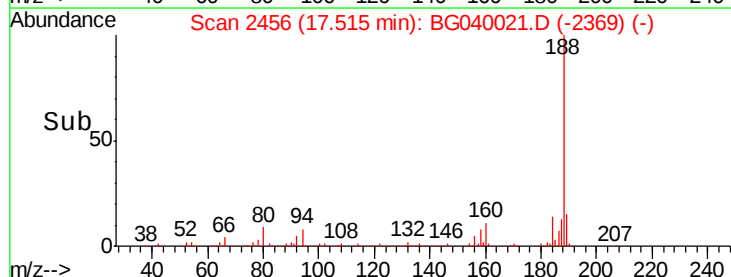
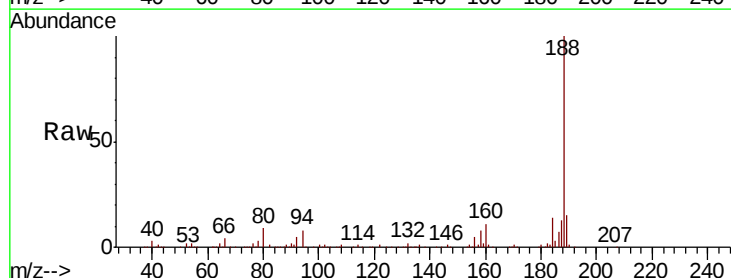
Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion:	77	Resp:	400715
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.4	46.4
105	19.9	0.0	39.8
51	33.2	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:	188	Resp:	301745
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.6	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.132 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

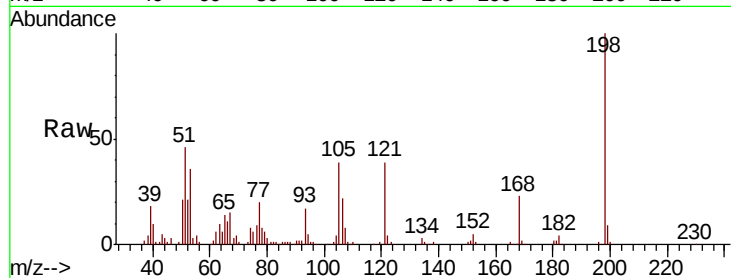
Tgt Ion:198 Resp: 89441

Ion Ratio Lower Upper

198 100

51 45.5 27.4 67.4

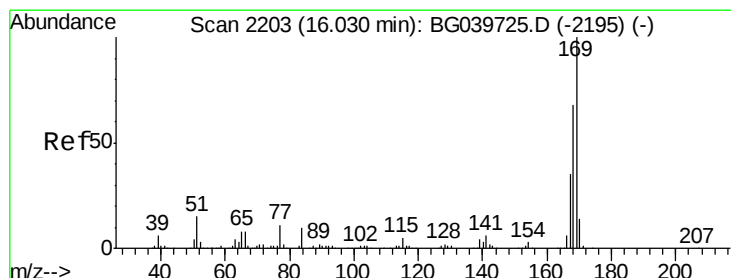
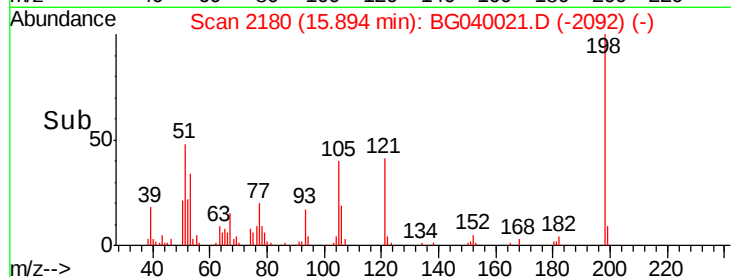
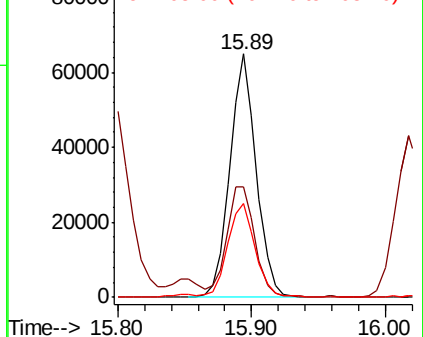
105 38.7 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.125 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

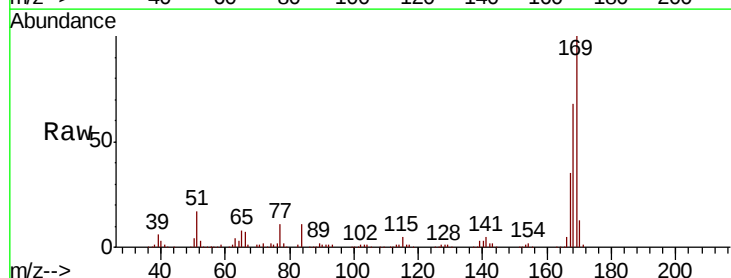
Tgt Ion:169 Resp: 376723

Ion Ratio Lower Upper

169 100

168 68.3 56.6 85.0

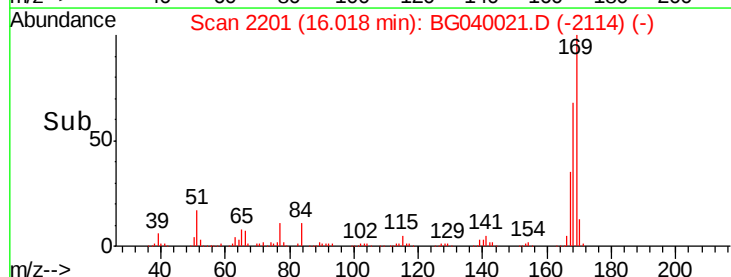
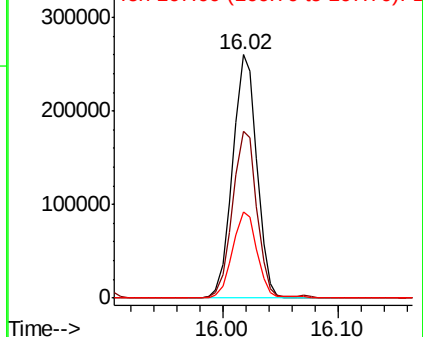
167 35.4 28.8 43.2



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

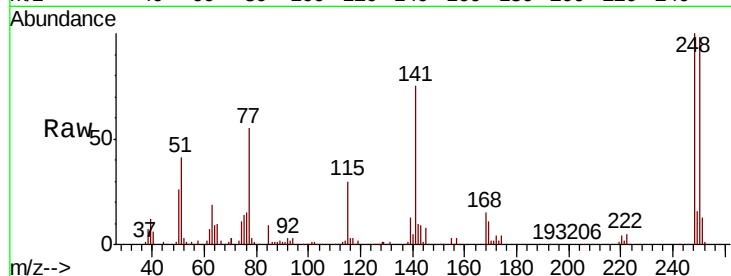




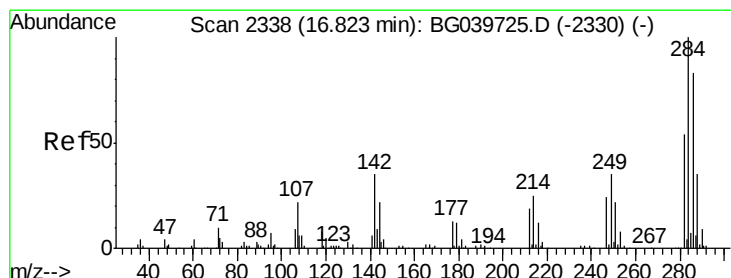
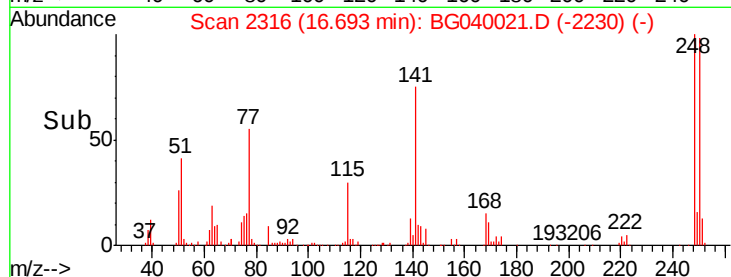
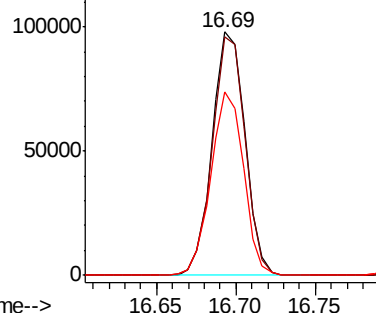
#67
4-Bromophenyl-phenylether
Concen: 41.710 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampled :
PB118056BS

Tgt Ion:248 Resp: 140877
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 75.3 63.9 95.9

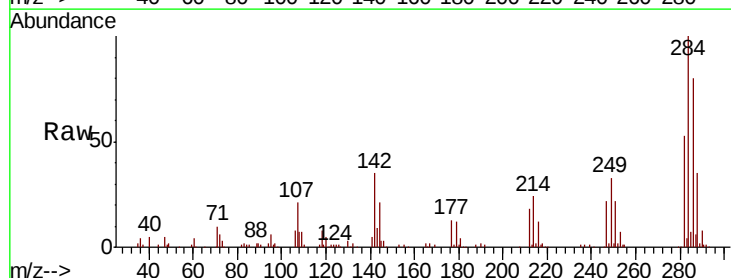


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

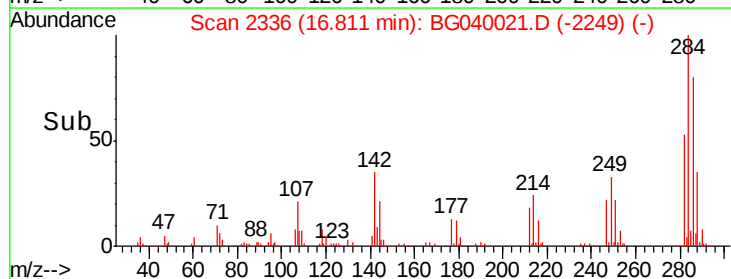
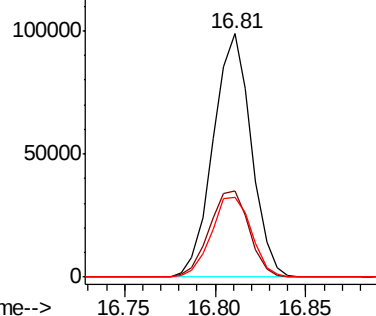


#68
Hexachlorobenzene
Concen: 41.037 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:284 Resp: 143673
Ion Ratio Lower Upper
284 100
142 35.3 30.6 45.8
249 32.6 28.2 42.2



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

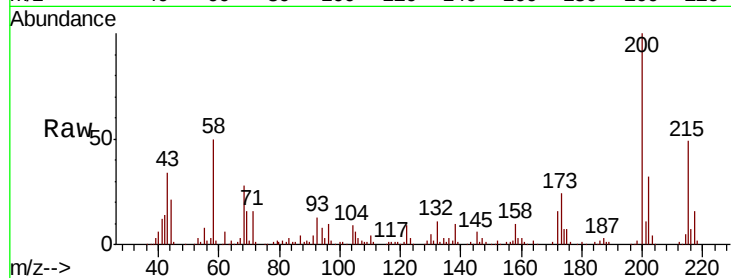




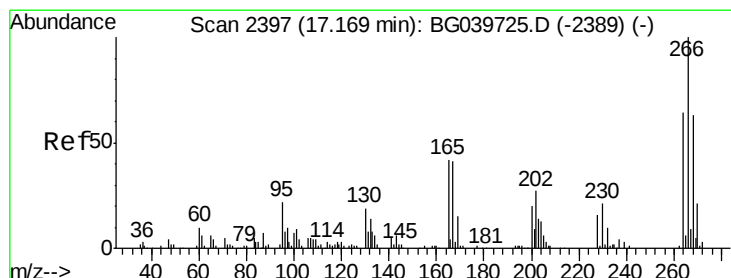
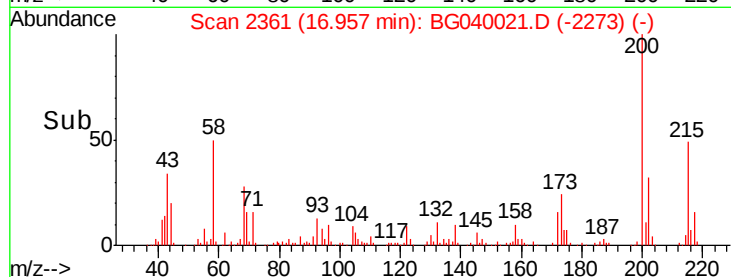
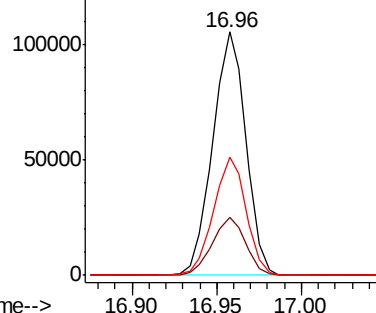
#69
 Atrazine
 Concen: 41.914 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.9	3.9	43.9
215	48.8	30.9	70.9

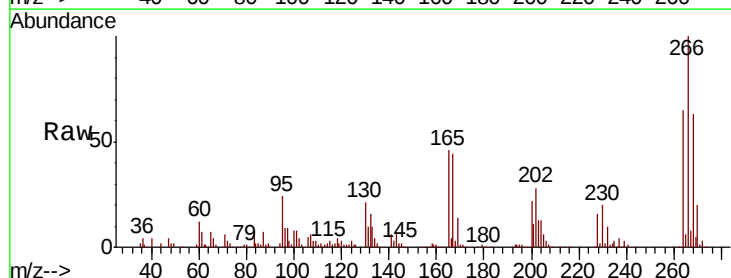


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

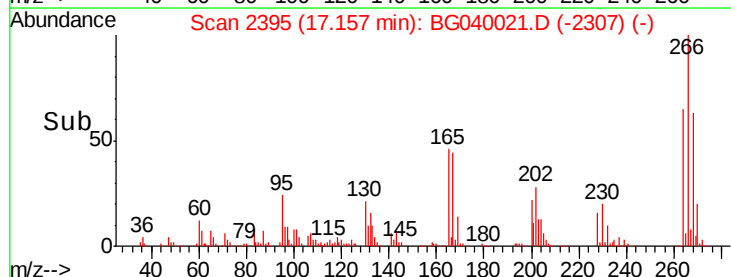
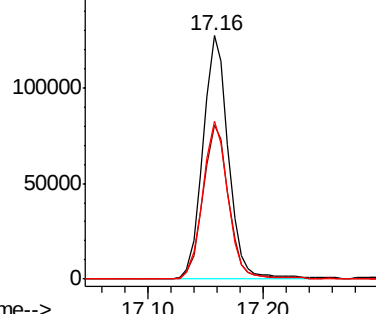


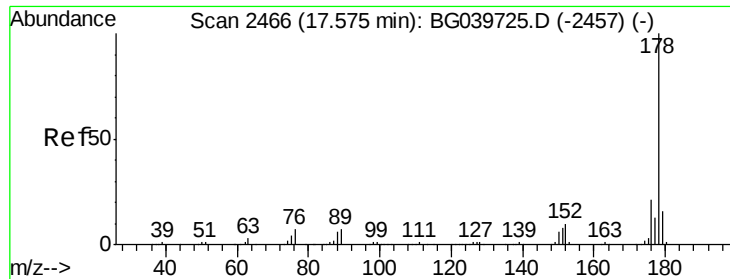
#70
 Pentachlorophenol
 Concen: 87.885 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	65.0	52.1	78.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

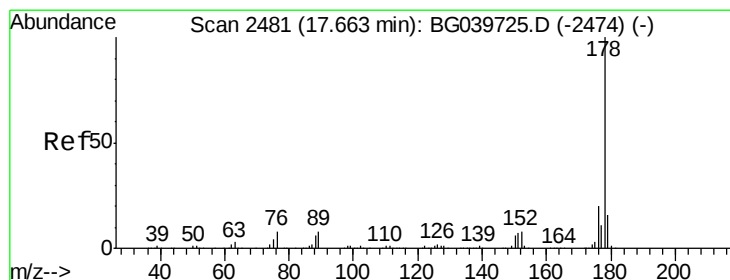
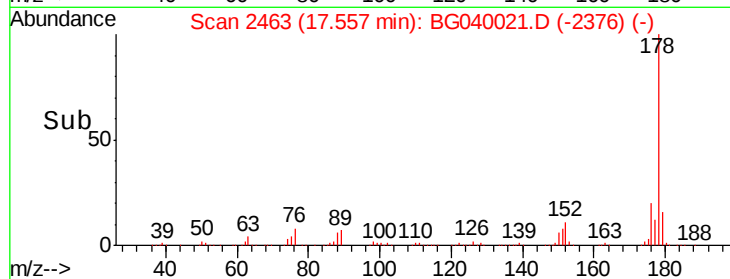
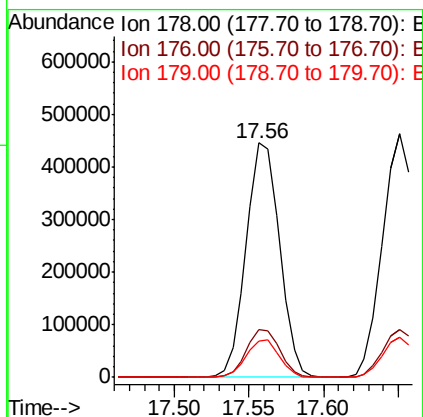
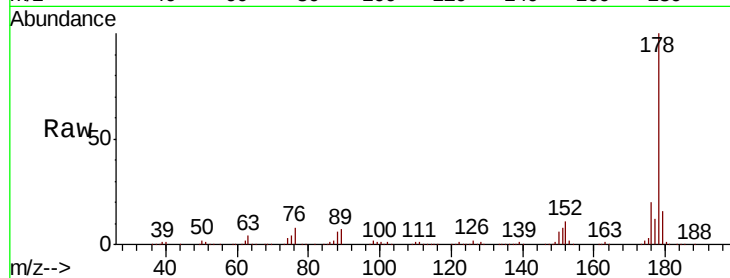




#71
Phenanthrene
Concen: 41.658 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

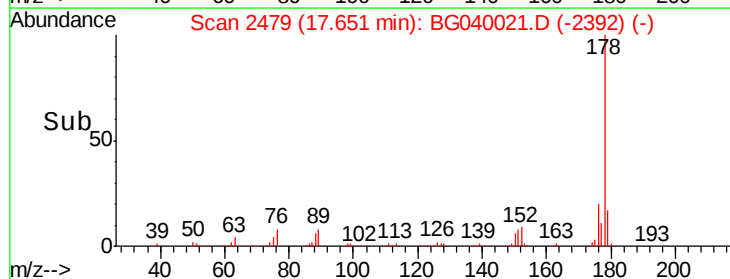
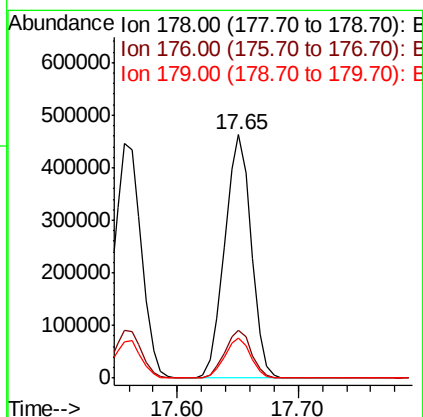
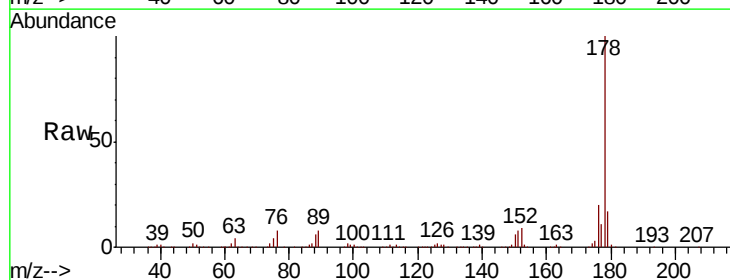
Instrument :
BNA_G
ClientSampleId :
PB118056BS

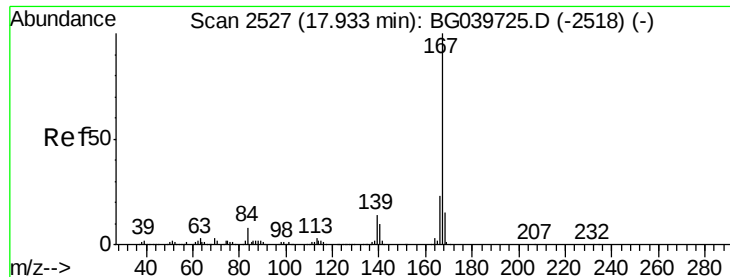
Tgt Ion:178 Resp: 692374
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.7 12.6 19.0



#72
Anthracene
Concen: 43.456 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:178 Resp: 703837
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.6 12.5 18.7

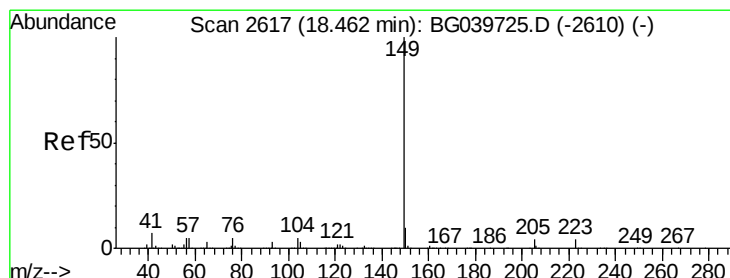
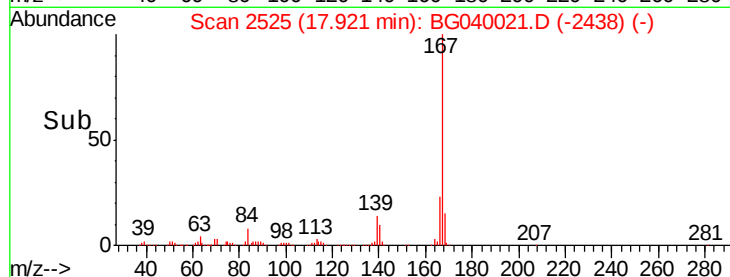
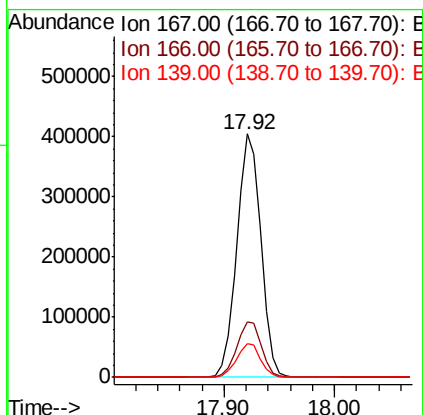
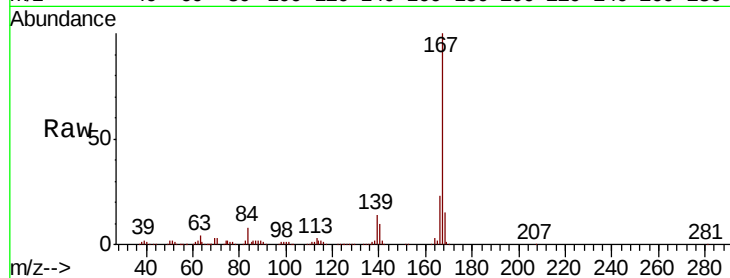




#73
 Carbazole
 Concen: 42.471 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

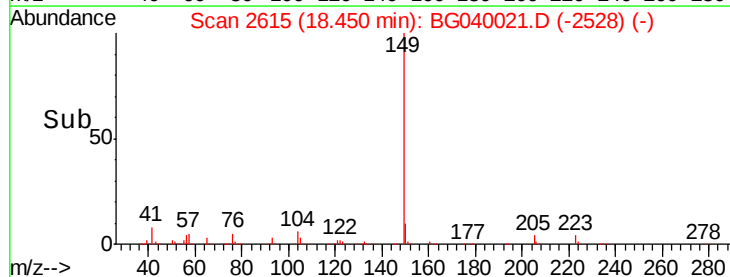
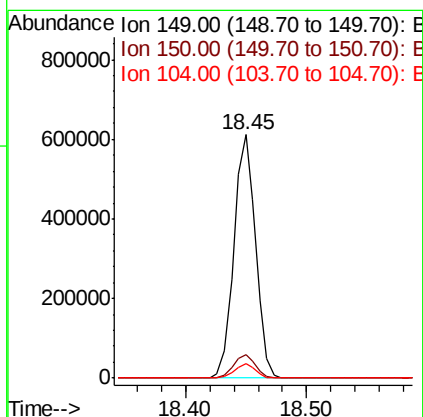
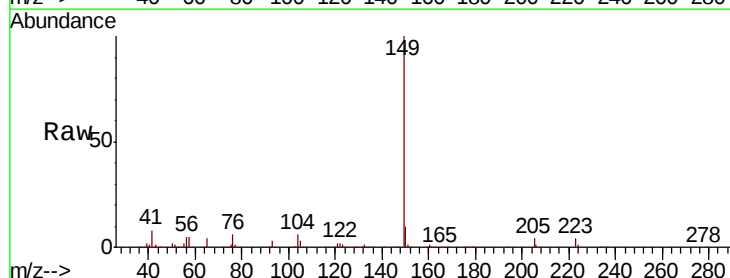
Instrument :
 BNA_G
 ClientSampleId :
 PB118056BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.4	29.2
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 44.351 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040021.D
 Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 42.040 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

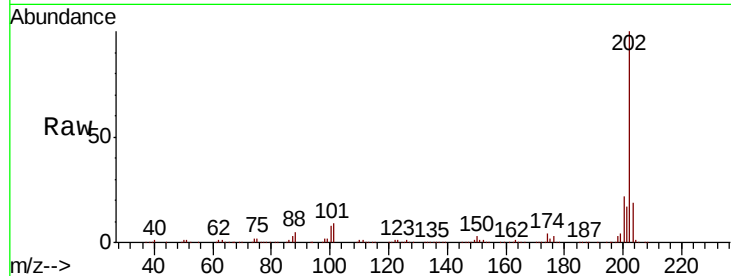
Tgt Ion: 202 Resp: 825761

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.0

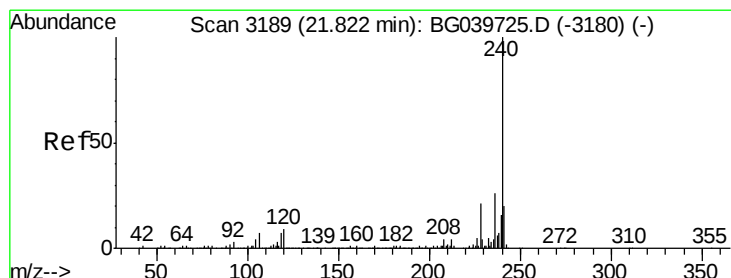
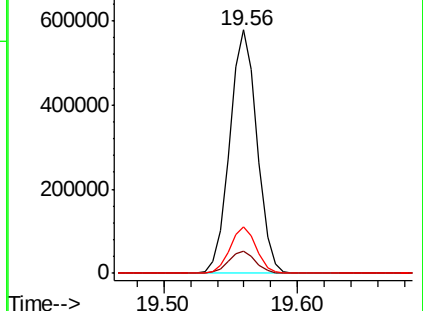
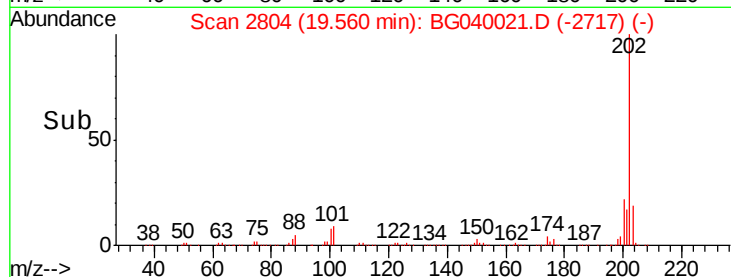
203 19.2 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

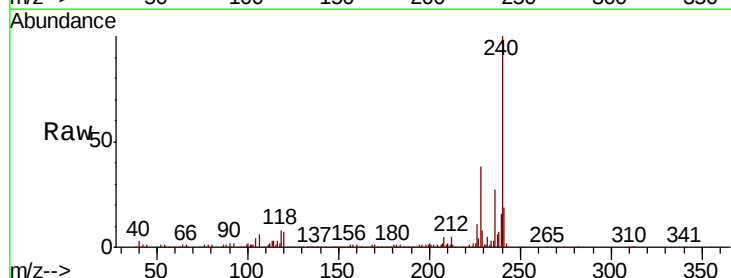
Tgt Ion: 240 Resp: 293161

Ion Ratio Lower Upper

240 100

120 7.5 7.0 10.6

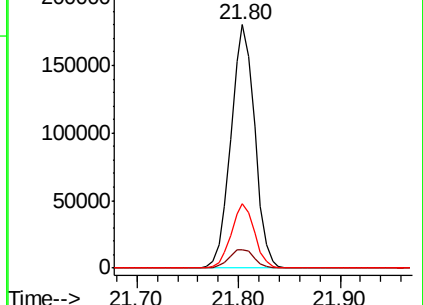
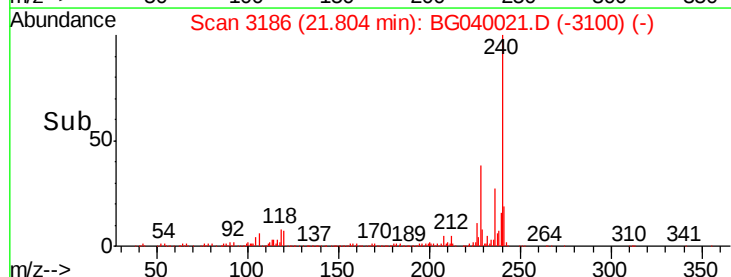
236 26.7 21.0 31.4

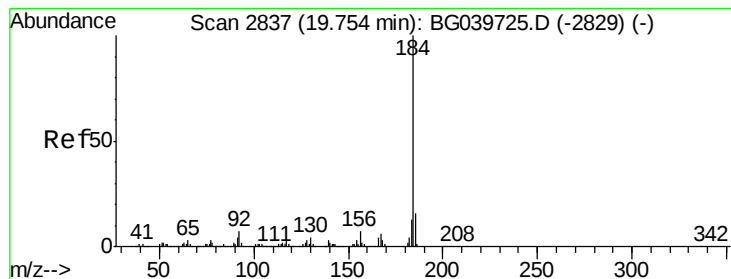


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.155 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

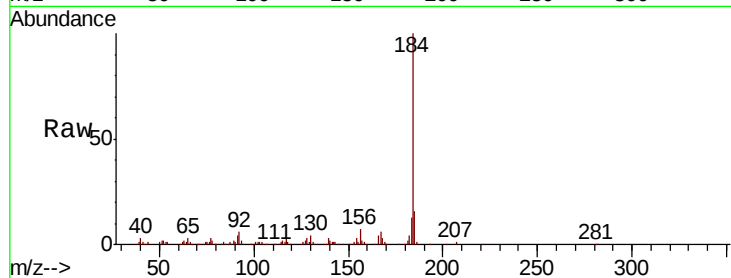
Tgt Ion:184 Resp: 215405

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

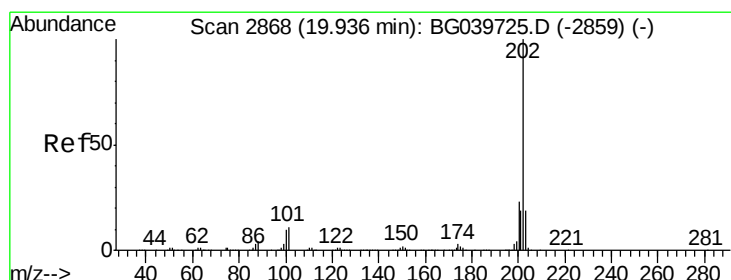
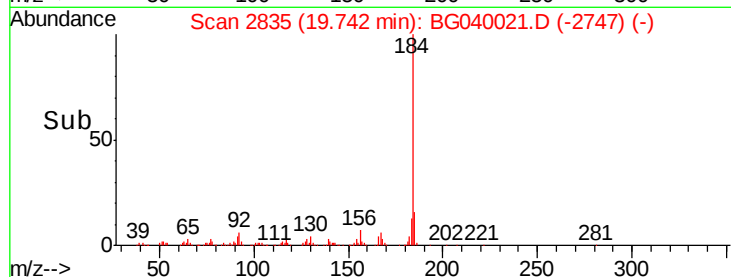
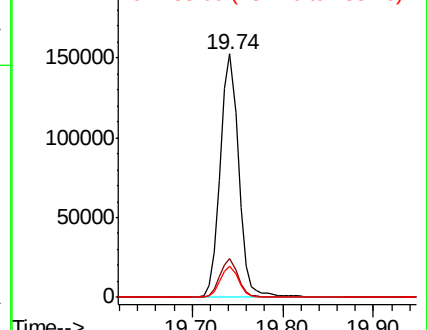
183 12.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.470 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

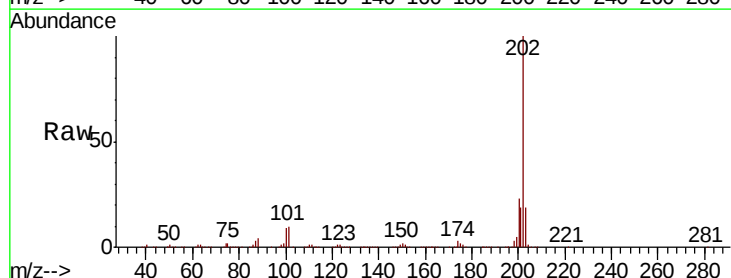
Tgt Ion:202 Resp: 828088

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

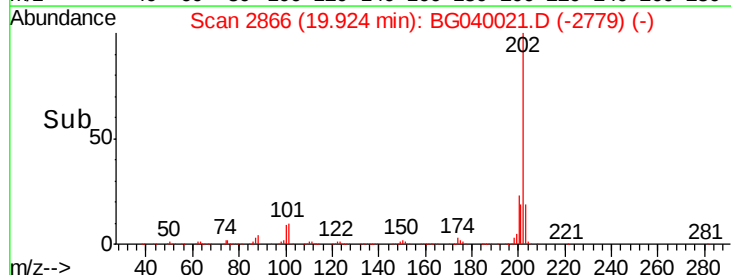
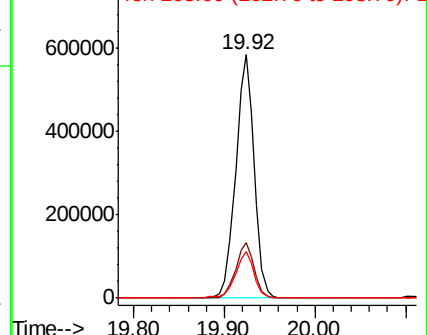
203 18.9 15.3 22.9



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: 89.675 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

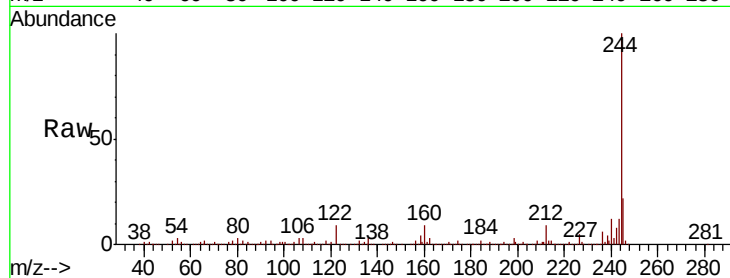
Tgt Ion:244 Resp: 1193989

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

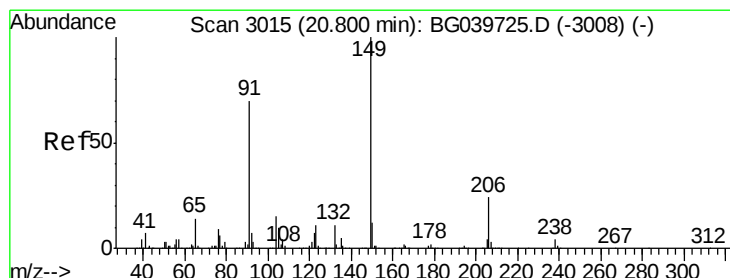
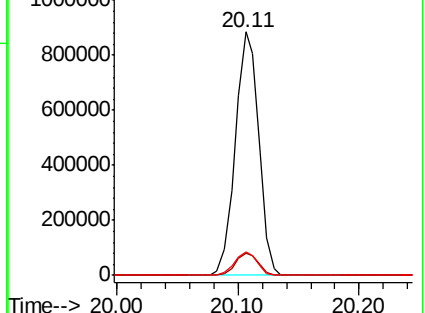
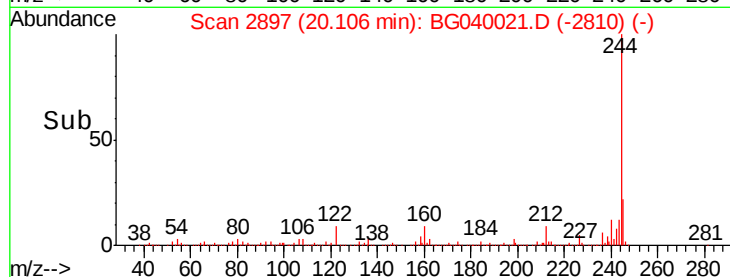
122 9.4 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.097 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

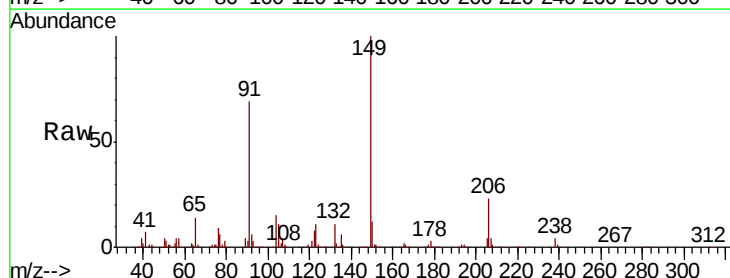
Tgt Ion:149 Resp: 340217

Ion Ratio Lower Upper

149 100

91 69.2 59.5 89.3

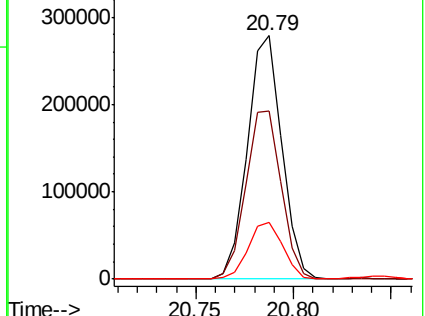
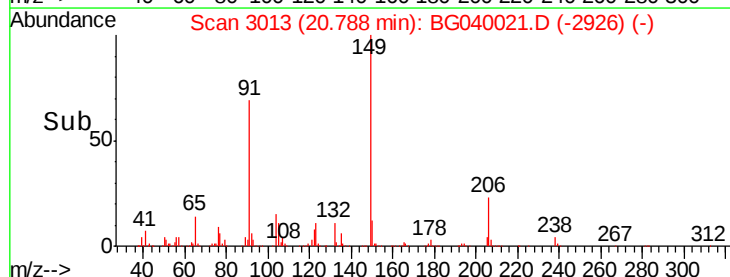
206 23.2 18.6 27.8



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: 42.872 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

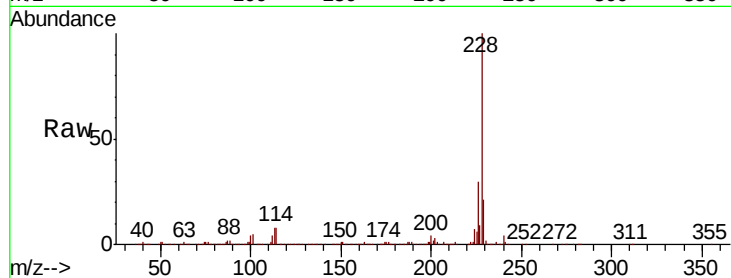
Tgt Ion:228 Resp: 787705

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.6

229 21.0 16.9 25.3

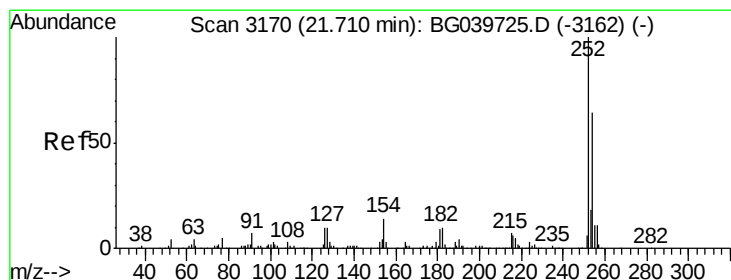
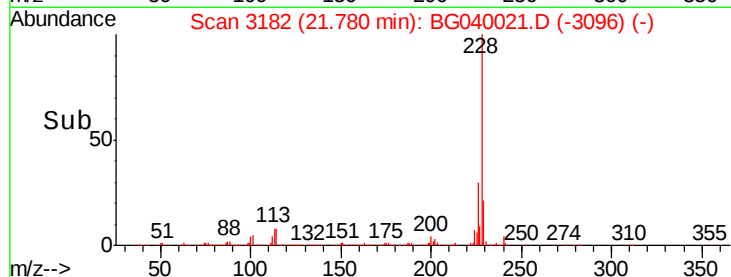
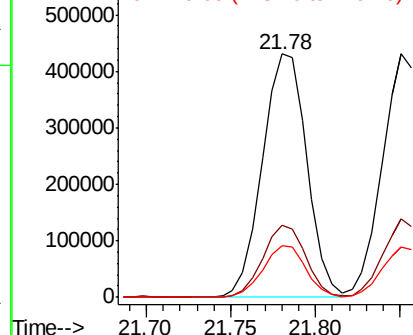


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.379 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

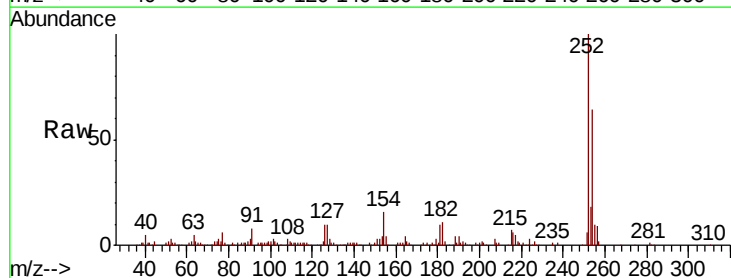
Tgt Ion:252 Resp: 143412

Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 9.6 8.0 12.0

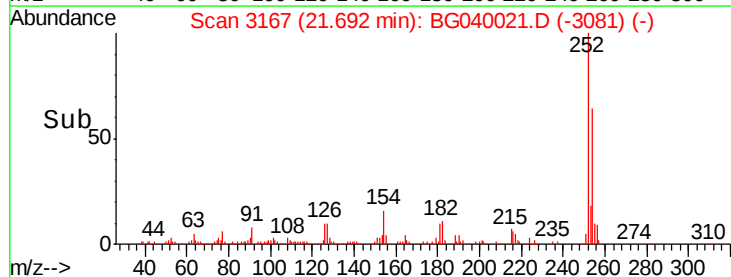
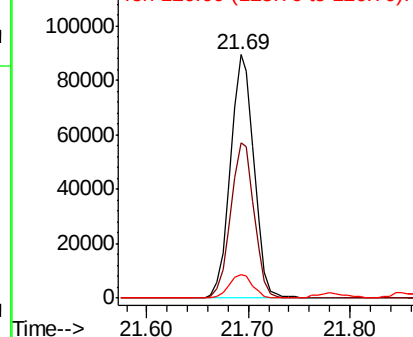


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.375 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

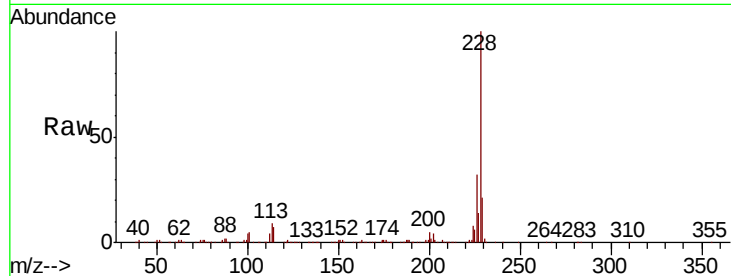
Tgt Ion:228 Resp: 736992

Ion Ratio Lower Upper

228 100

226 32.4 25.8 38.6

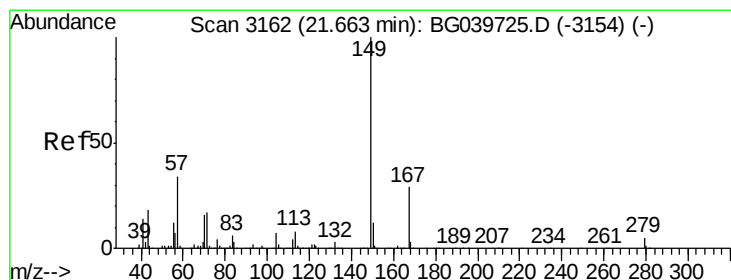
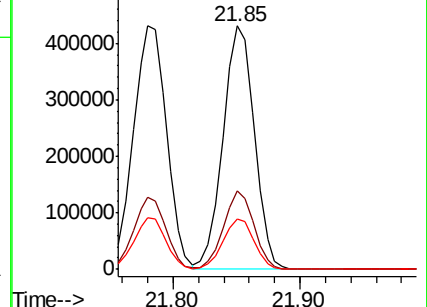
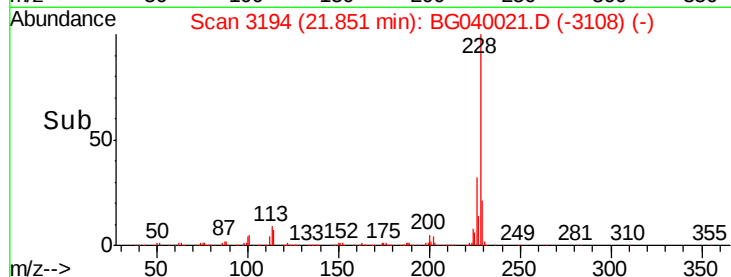
229 20.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.039 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

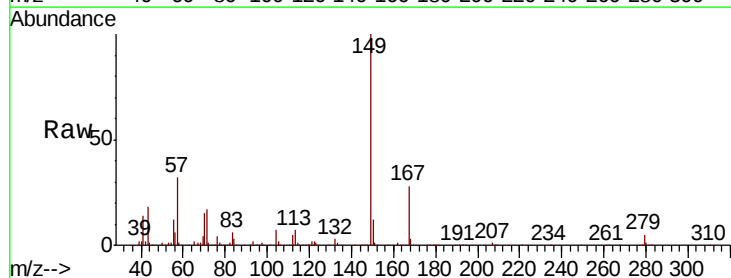
Tgt Ion:149 Resp: 477483

Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

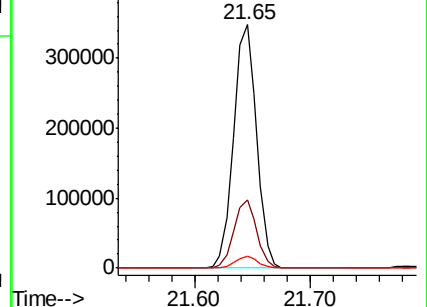
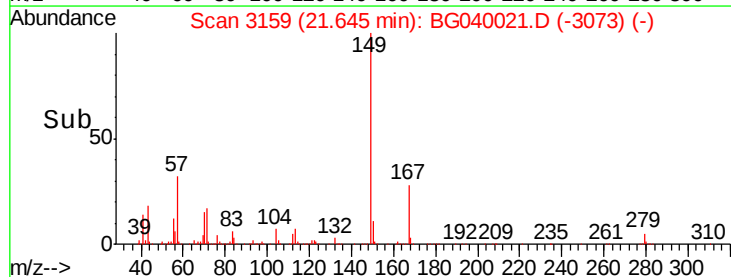
279 4.7 3.5 5.3

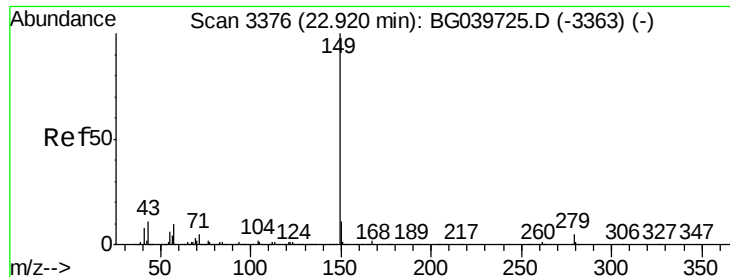


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

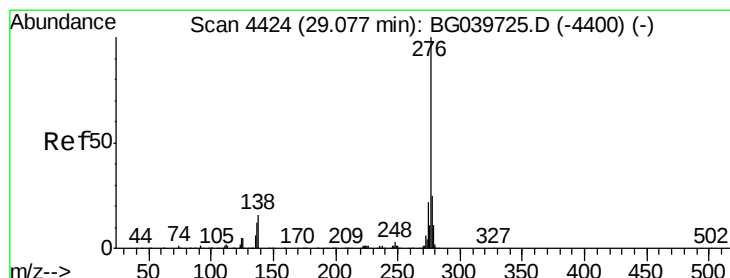
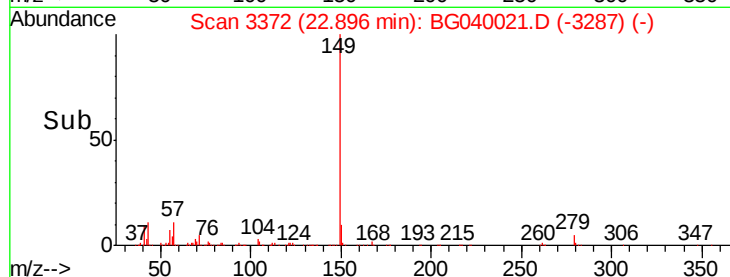
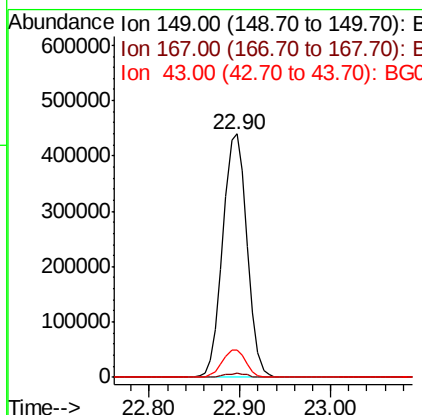
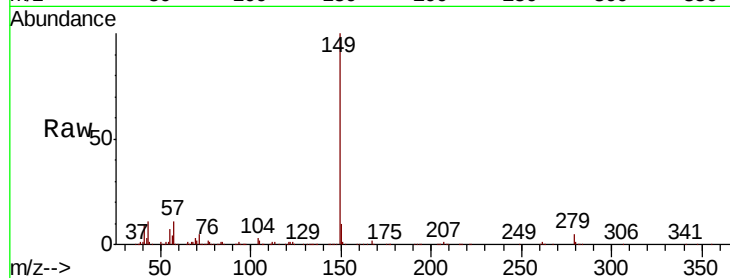




#85
Di-n-octyl phthalate
Concen: 47.464 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

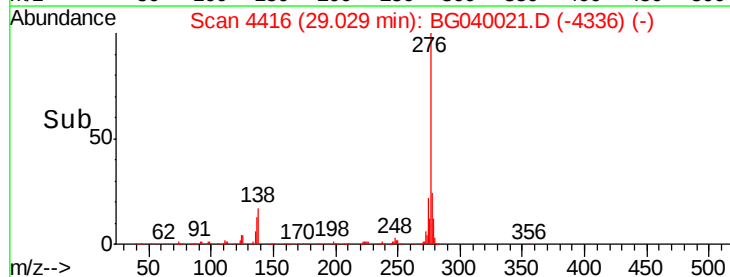
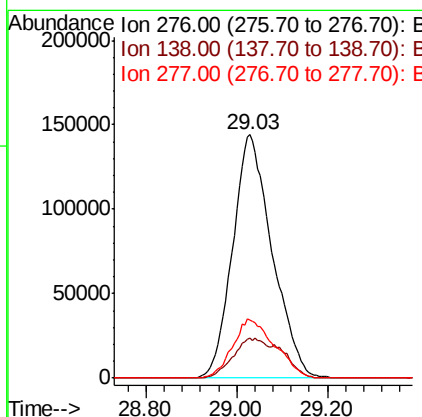
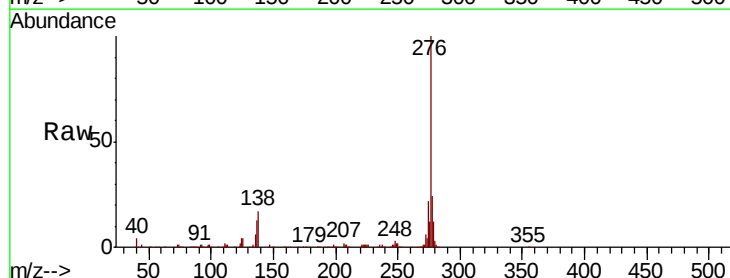
Instrument :
BNA_G
ClientSampleId :
PB118056BS

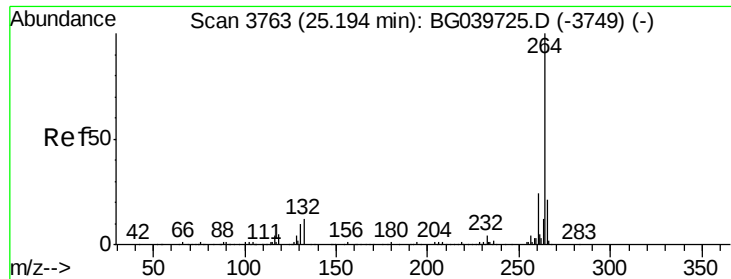
Tgt Ion:149 Resp: 815075
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.1 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.135 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion:276 Resp: 871630
Ion Ratio Lower Upper
276 100
138 13.6 12.6 19.0
277 25.8 20.8 31.2

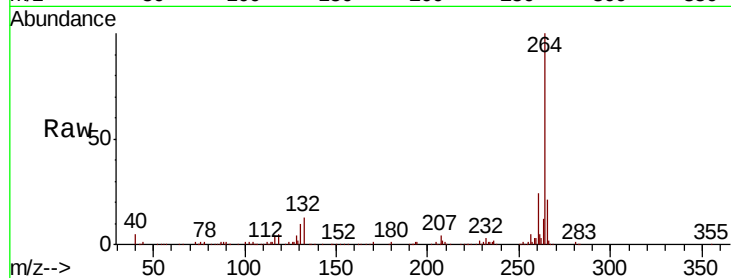




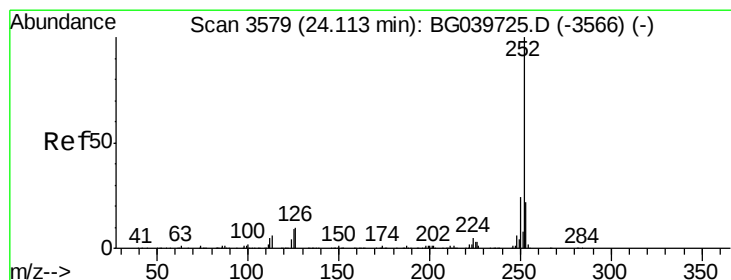
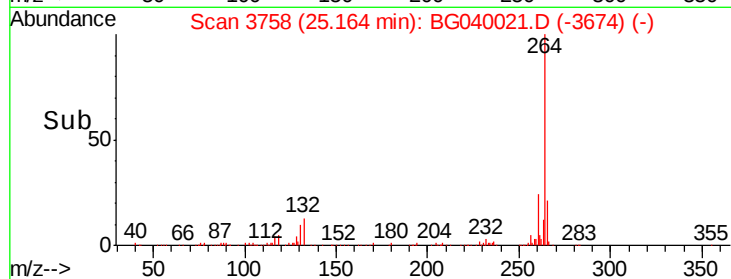
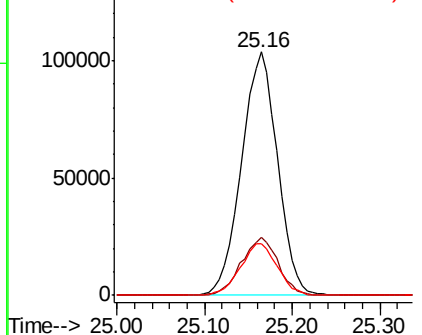
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion: 264 Resp: 290269
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 21.3 18.5 27.7

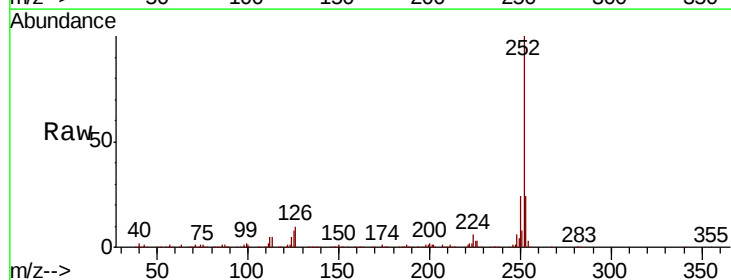


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

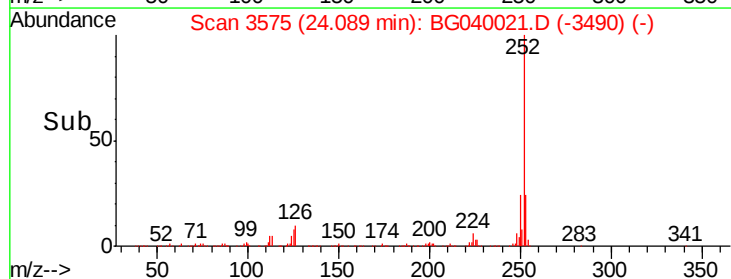
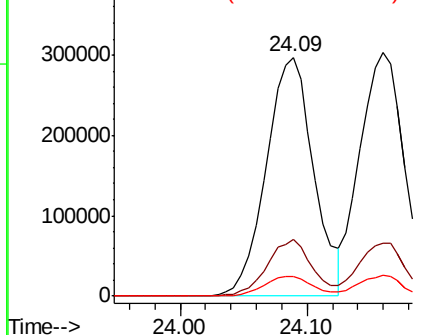


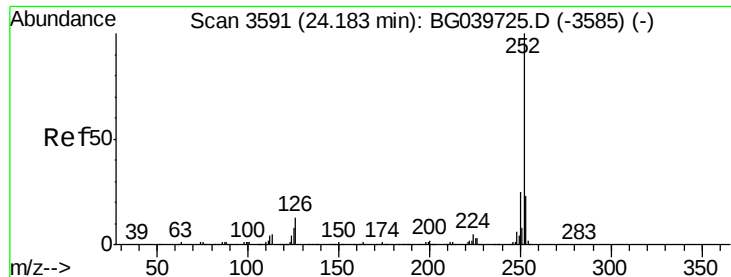
#88
Benzo(b)fluoranthene
Concen: 44.722 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion: 252 Resp: 774099
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 8.1 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: 45.580 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

Instrument :

BNA_G

ClientSampleId :

PB118056BS

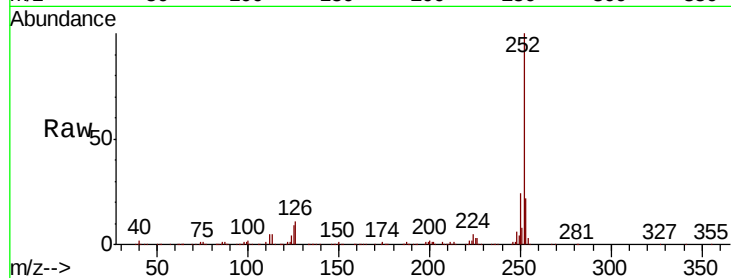
Tgt Ion:252 Resp: 734407

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

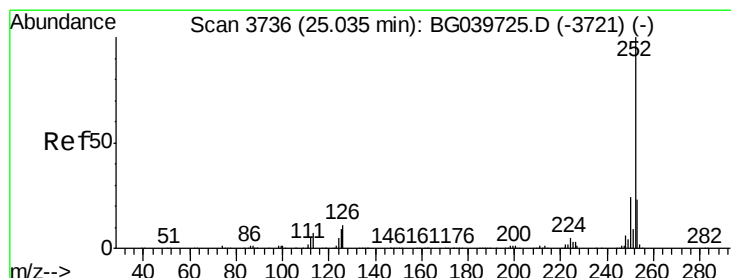
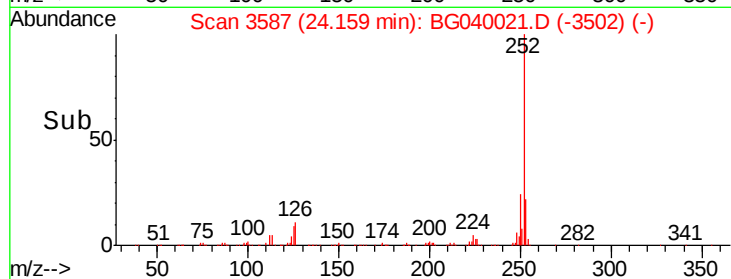
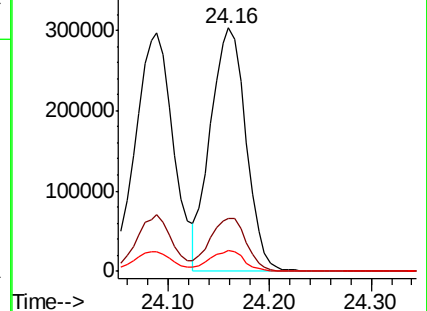
125 8.6 7.4 11.2



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: 46.896 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BG040021.D

Acq: 20 Mar 2019 3:17

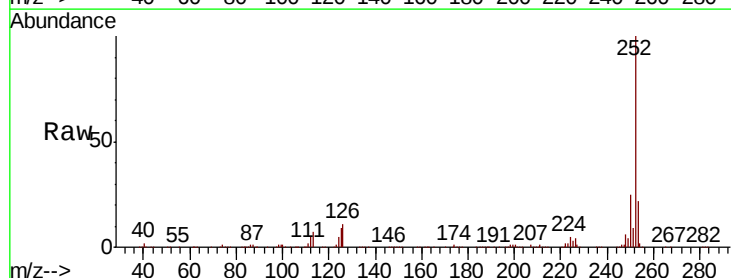
Tgt Ion:252 Resp: 750087

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

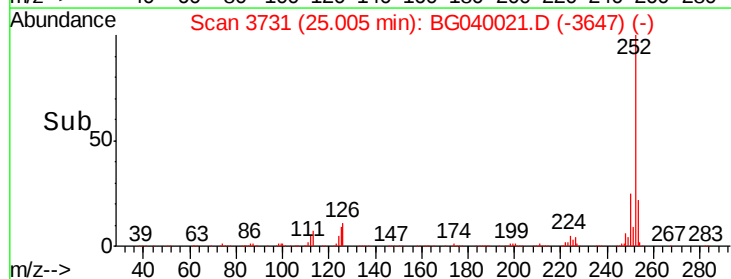
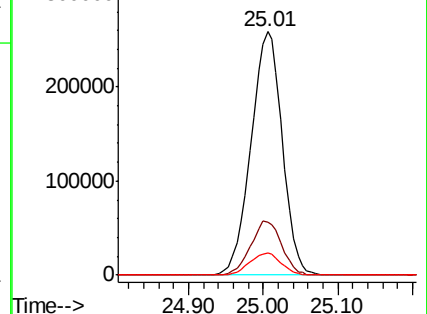
125 9.2 8.3 12.5

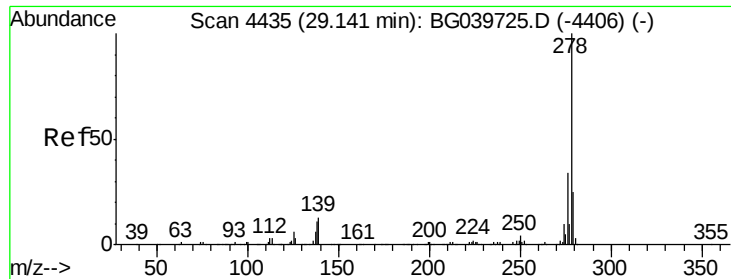


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

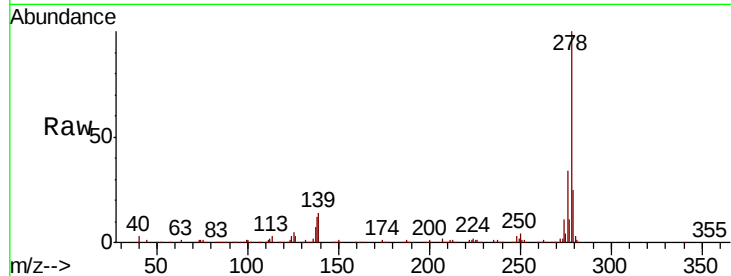




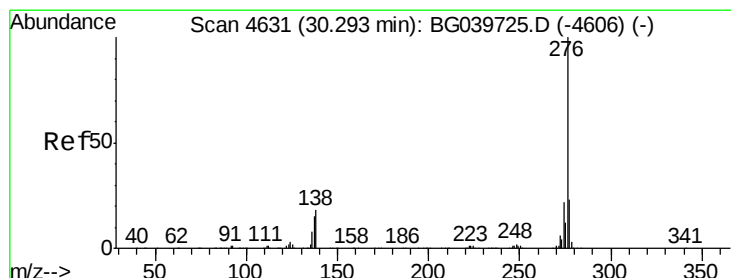
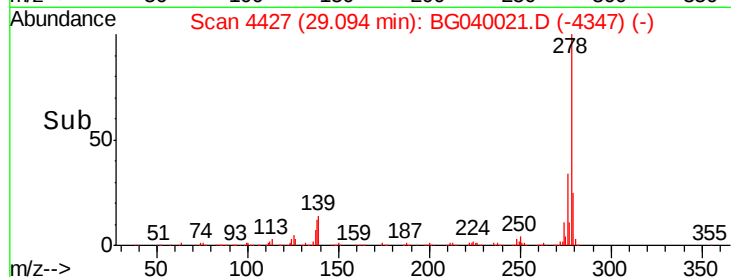
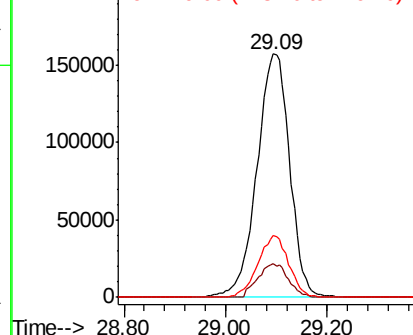
#91
Dibenzo(a,h)anthracene
Concen: 44.893 ng
RT: 29.09 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Instrument :
BNA_G
ClientSampleId :
PB118056BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.7	17.5
279	25.4	19.1	28.7

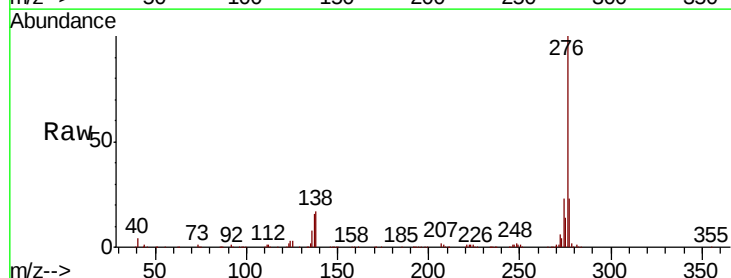


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.810 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040021.D
Acq: 20 Mar 2019 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.6	29.4
138	16.8	14.7	22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

