

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032119\
 Data File : BG040076.D
 Acq On : 21 Mar 2019 21:50
 Operator : JU/SJ
 Sample : K1989-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

Quant Time: Mar 22 01:35:59 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	39770	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	174560	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	123021	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	301996	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	294737	20.00	ng	-0.02
87) Perylene-d12	25.16	264	306345	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	318810	136.76	ng	-0.02
7) Phenol-d6	7.29	99	438849	126.25	ng	-0.02
23) Nitrobenzene-d5	9.32	82	295999	91.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	203159	141.68	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	710964	82.29	ng	-0.02
79) Terphenyl-d14	20.11	244	1176223	87.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	34335	31.903	ng	# 40
3) Pyridine	3.99	79	82971	28.797	ng	100
4) n-Nitrosodimethylamine	3.90	42	51520	37.692	ng	# 87
6) Aniline	7.47	93	50629	11.118	ng	97
8) 2-Chlorophenol	7.71	128	117136	41.418	ng	94
9) Benzaldehyde	7.28	77	36213	16.151	ng	95
10) Phenol	7.32	94	146369	38.871	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	115736	39.421	ng	95
12) 1,3-Dichlorobenzene	8.03	146	121509	37.989	ng	99
13) 1,4-Dichlorobenzene	8.18	146	126727	38.897	ng	95
14) 1,2-Dichlorobenzene	8.50	146	121380	38.560	ng	97
15) Benzyl Alcohol	8.39	79	114167	41.406	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	222604	37.911	ng	98
17) 2-Methylphenol	8.58	107	104888	43.684	ng	99
18) Hexachloroethane	9.23	117	44677	38.217	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	96629	38.623	ng	92
20) 3+4-Methylphenols	8.91	107	141972	42.563	ng	96
22) Acetophenone	8.97	105	186289	39.762	ng	# 95
24) Nitrobenzene	9.36	77	144479	42.670	ng	97
25) Isophorone	9.88	82	284833	42.118	ng	98
26) 2-Nitrophenol	10.07	139	70375	43.048	ng	98
27) 2,4-Dimethylphenol	10.12	122	126073	49.585	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	167339	40.717	ng	99
29) 2,4-Dichlorophenol	10.61	162	138299	48.312	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	135381	42.028	ng	98
31) Naphthalene	11.02	128	389494	42.143	ng	100
32) Benzoic acid	10.22	122	21125	17.036	ng	95
33) 4-Chloroaniline	11.14	127	9423	2.404	ng	94
34) Hexachlorobutadiene	11.28	225	87277	39.650	ng	93
35) Caprolactam	11.91	113	23487	21.478	ng	95
36) 4-Chloro-3-methylphenol	12.23	107	146961	44.785	ng	99
37) 2-Methylnaphthalene	12.61	142	298573	43.210	ng	98
38) 1-Methylnaphthalene	12.83	142	285556	42.525	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	165564	39.726	ng	99

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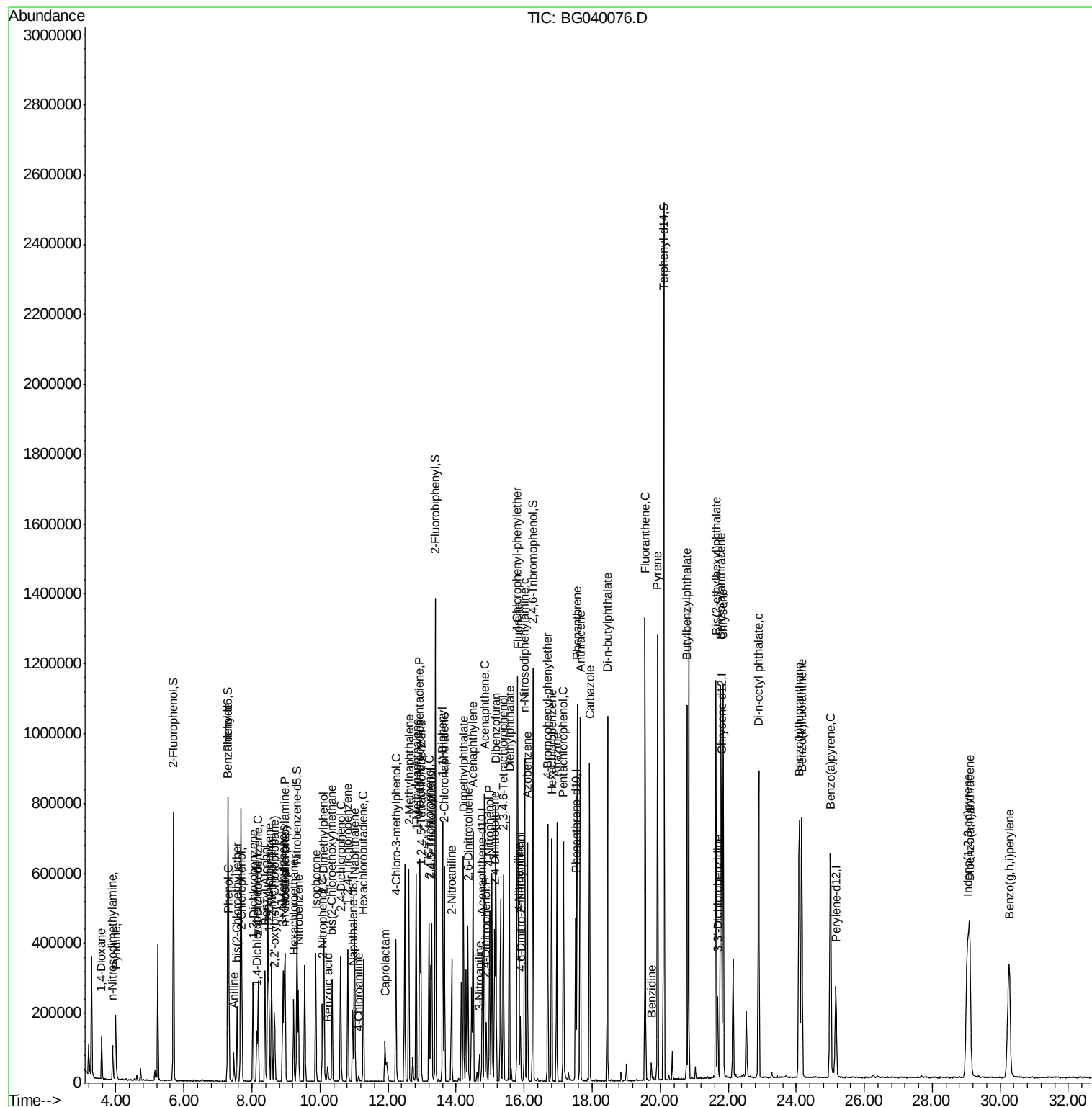
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	189991	85.066	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	114260	46.829	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	122208	44.435	ng	97
46) 1,1'-Biphenyl	13.60	154	407200	40.244	ng	98
47) 2-Chloronaphthalene	13.66	162	315689	41.473	ng	99
48) 2-Nitroaniline	13.87	65	106703	43.619	ng	93
49) Acenaphthylene	14.50	152	511411	40.927	ng	99
50) Dimethylphthalate	14.22	163	436542	42.437	ng	99
51) 2,6-Dinitrotoluene	14.35	165	95375	43.734	ng	98
52) Acenaphthene	14.84	154	312559	41.559	ng	99
53) 3-Nitroaniline	14.68	138	19716	8.994	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	39655	32.196	ng	93
55) Dibenzofuran	15.17	168	511751	41.473	ng	98
56) 4-Nitrophenol	14.98	139	134974	68.828	ng	88
57) 2,4-Dinitrotoluene	15.14	165	135554	44.237	ng	85
58) Fluorene	15.82	166	408900	42.153	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	123461	45.965	ng	97
60) Diethylphthalate	15.57	149	440936	43.300	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	217576	42.032	ng	97
62) 4-Nitroaniline	15.85	138	94622	39.815	ng	95
63) Azobenzene	16.09	77	393920	42.674	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	45895	25.703	ng	96
66) n-Nitrosodiphenylamine	16.02	169	380580	43.530	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	144302	42.688	ng	97
68) Hexachlorobenzene	16.81	284	148134	42.276	ng	93
69) Atrazine	16.96	200	148516	43.162	ng	97
70) Pentachlorophenol	17.16	266	139345	62.969	ng	95
71) Phenanthrene	17.56	178	694380	41.744	ng	99
72) Anthracene	17.65	178	701974	43.305	ng	99
73) Carbazole	17.92	167	607245	41.554	ng	98
74) Di-n-butylphthalate	18.45	149	748516	43.534	ng	99
75) Fluoranthene	19.56	202	811798	41.294	ng	98
77) Benzidine	19.74	184	37470	4.006	ng	98
78) Pyrene	19.92	202	818055	42.713	ng	99
80) Butylbenzylphthalate	20.79	149	333696	44.972	ng	94
81) Benzo(a)anthracene	21.78	228	760006	41.144	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	80125	11.881	ng	99
83) Chrysene	21.85	228	734147	40.995	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	468984	44.978	ng	99
85) Di-n-octyl phthalate	22.90	149	789940	45.755	ng	95
86) Indeno(1,2,3-cd)pyrene	29.03	276	884067	43.516	ng	99
88) Benzo(b)fluoranthene	24.09	252	780493	42.725	ng	98
89) Benzo(k)fluoranthene	24.16	252	742382	43.657	ng	99
90) Benzo(a)pyrene	25.01	252	756863	44.836	ng	99
91) Dibenzo(a,h)anthracene	29.10	278	720558	43.541	ng	98
92) Benzo(g,h,i)perylene	30.26	276	728933	43.857	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

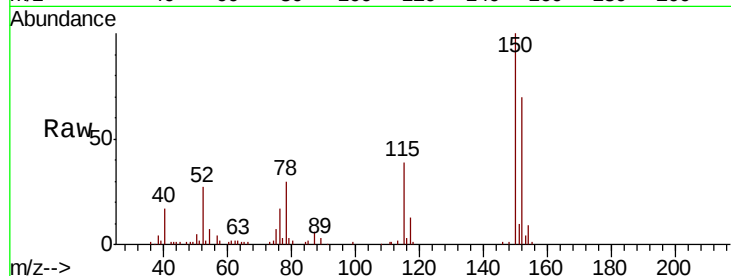
Tgt Ion:152 Resp: 39770

Ion Ratio Lower Upper

152 100

150 143.9 123.7 185.5

115 56.6 45.9 68.9

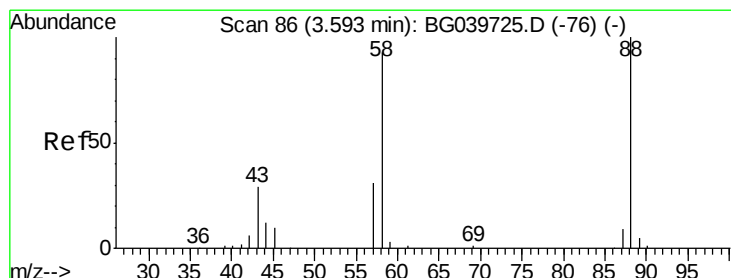
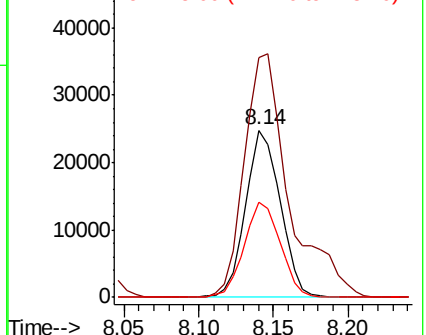
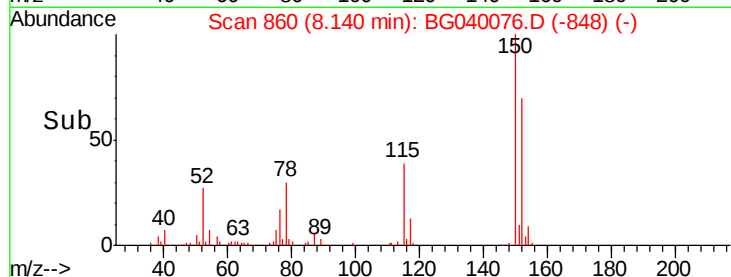


Abundance

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: 31.903 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

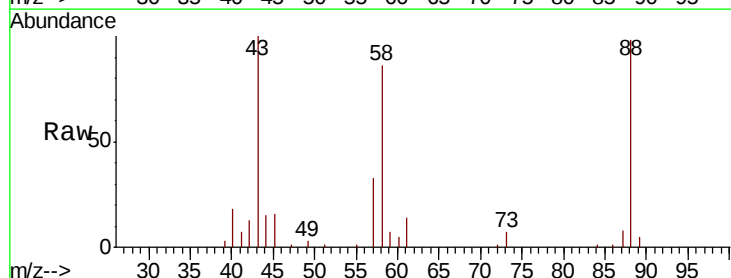
Tgt Ion: 88 Resp: 34335

Ion Ratio Lower Upper

88 100

58 93.3 81.1 121.7

43 157.6 31.4 47.0#

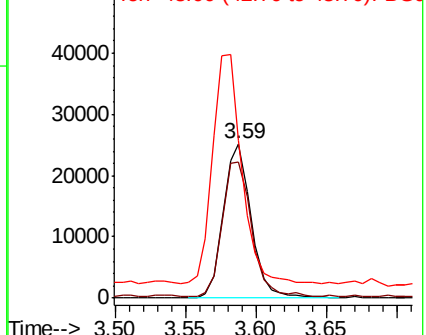
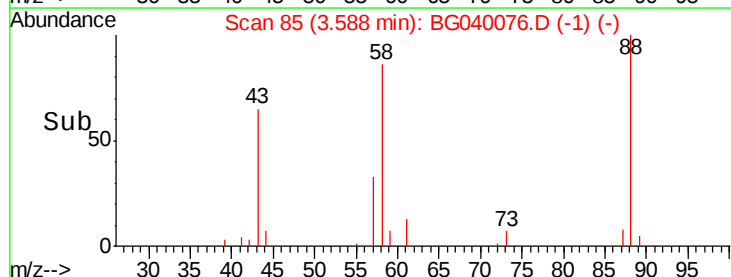


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.797 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040076.D

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Instrument :

BNA_G

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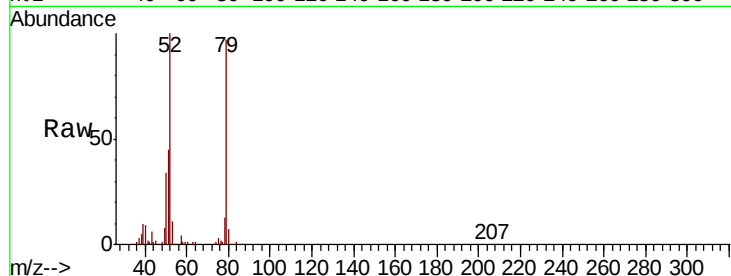
Tgt Ion: 79 Resp: 82971

Ion Ratio Lower Upper

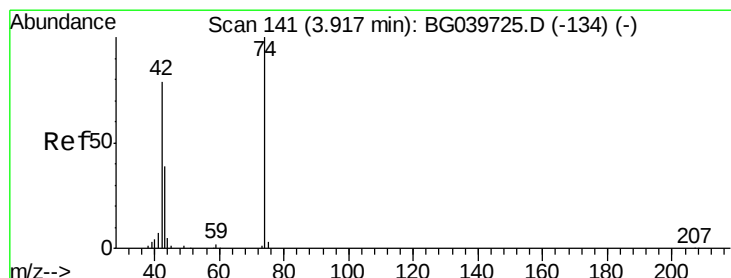
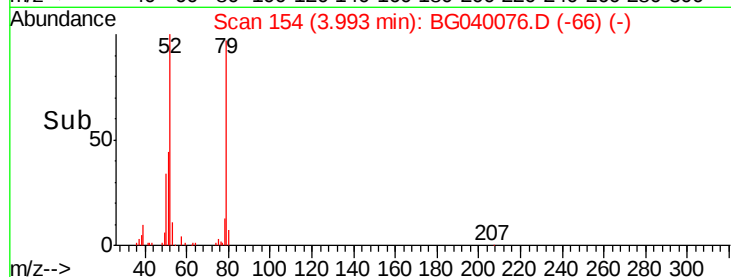
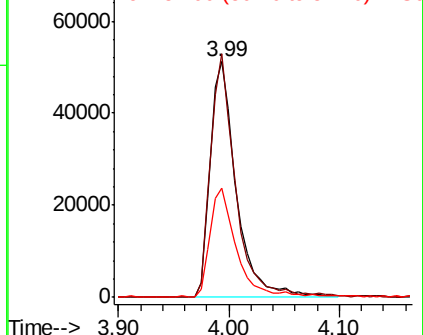
79 100

52 103.2 82.6 124.0

51 46.2 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: 37.692 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

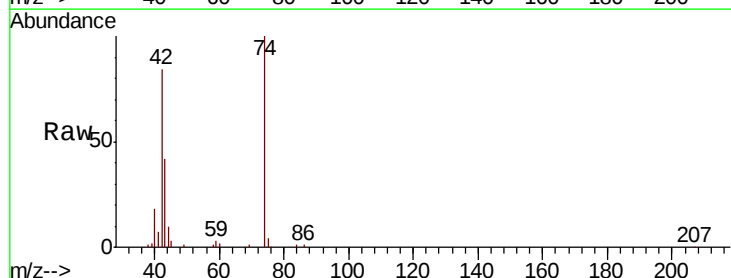
Tgt Ion: 42 Resp: 51520

Ion Ratio Lower Upper

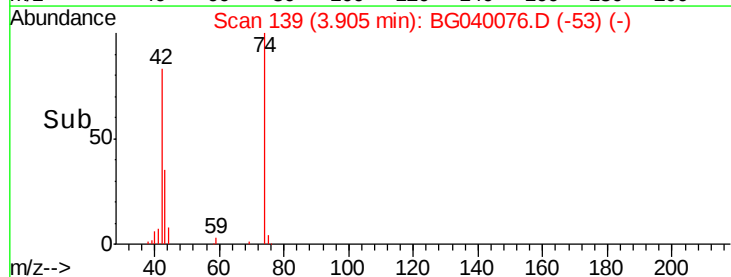
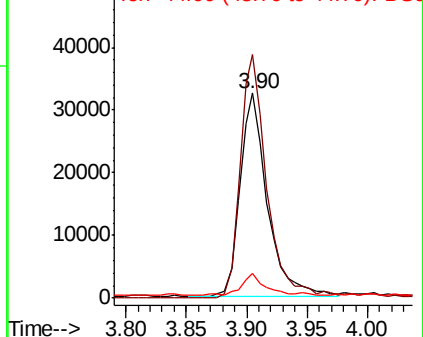
42 100

74 118.7 83.6 125.4

44 11.9 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: 136.760 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040076.D

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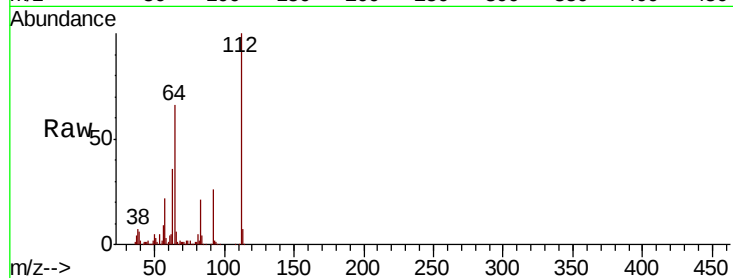
Tgt Ion: 112 Resp: 318810

Ion Ratio Lower Upper

112 100

64 66.4 57.8 86.8

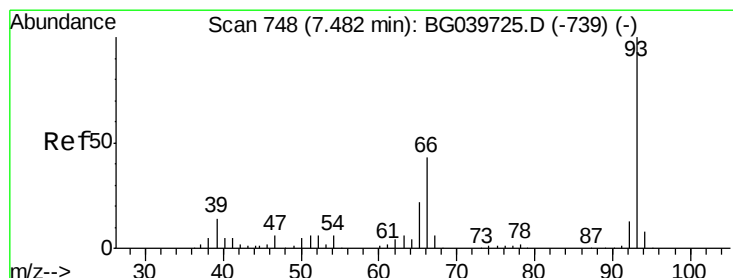
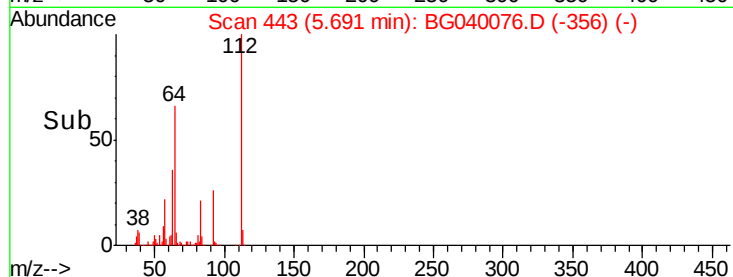
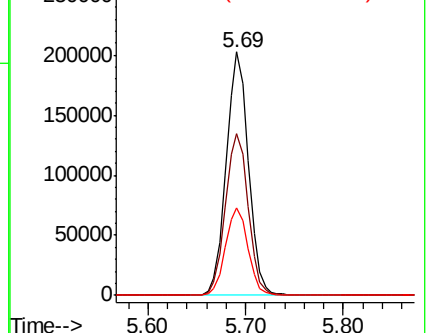
63 35.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.118 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

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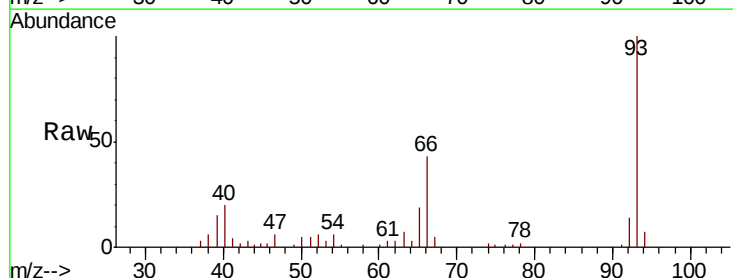
Tgt Ion: 93 Resp: 50629

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.4

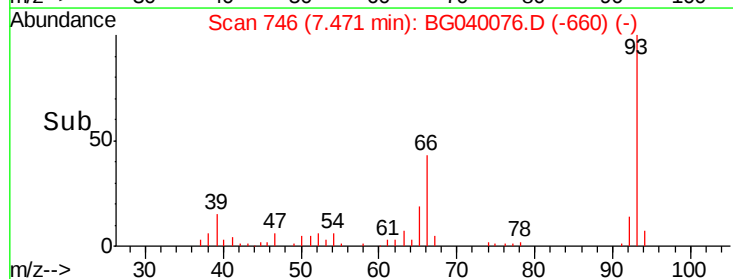
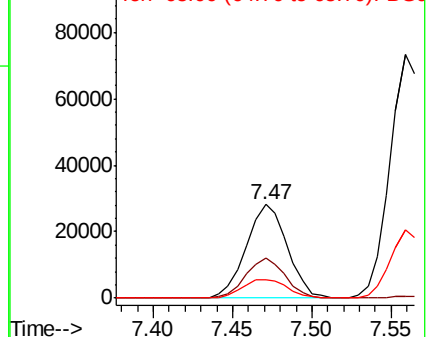
65 19.3 17.7 26.5



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: 126.254 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

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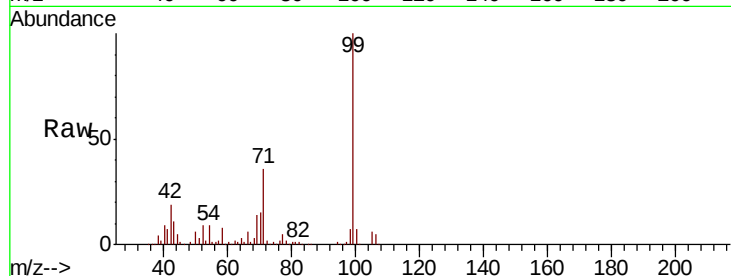
Tgt Ion: 99 Resp: 438849

Ion Ratio Lower Upper

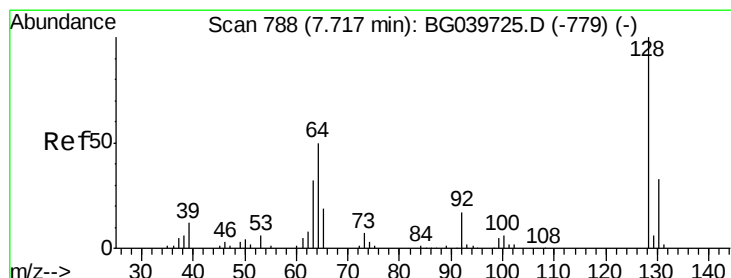
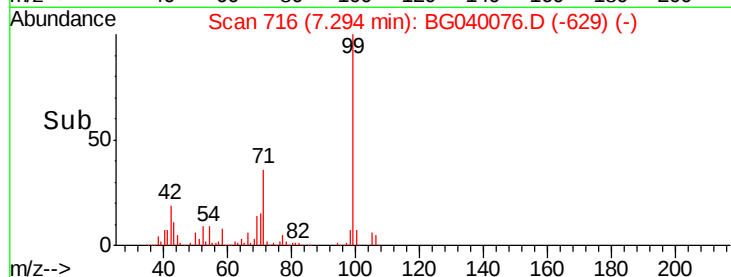
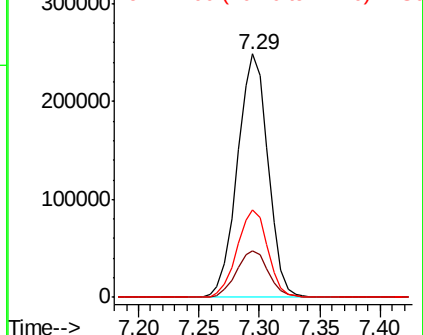
99 100

42 19.1 18.2 27.2

71 36.1 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: 41.418 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

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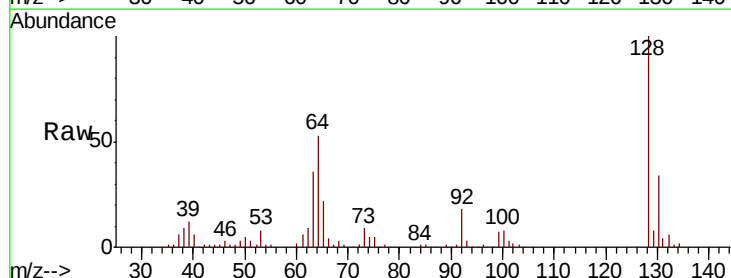
Tgt Ion: 128 Resp: 117136

Ion Ratio Lower Upper

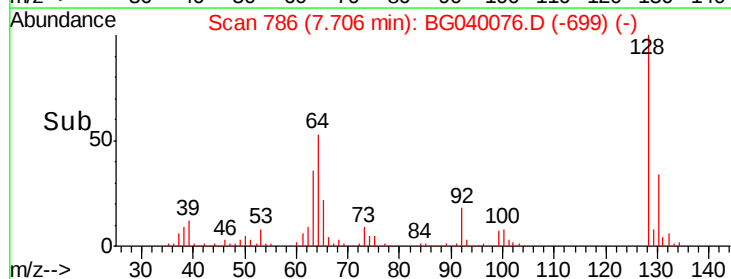
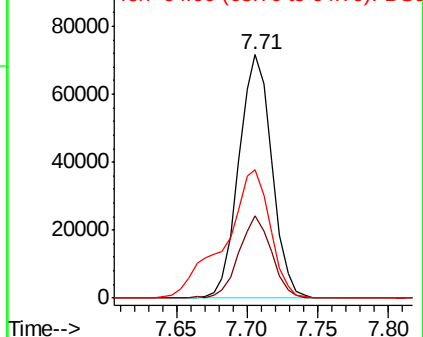
128 100

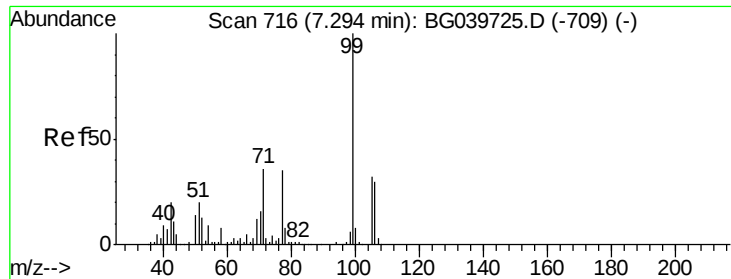
130 33.7 12.9 52.9

64 52.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 16.151 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

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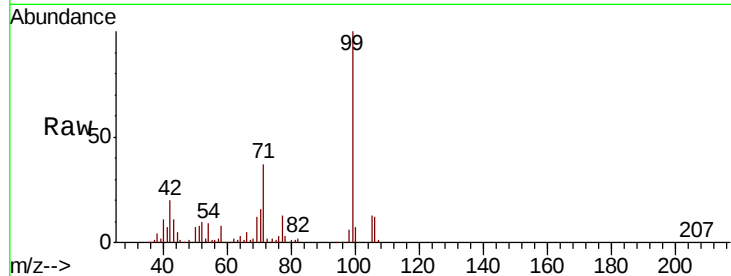
Tgt Ion: 77 Resp: 36213

Ion Ratio Lower Upper

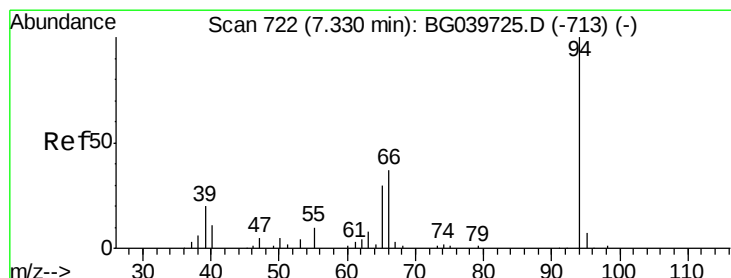
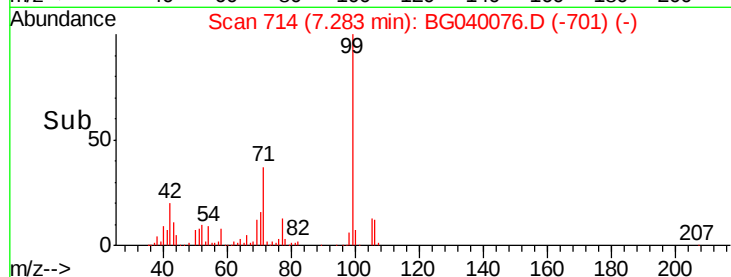
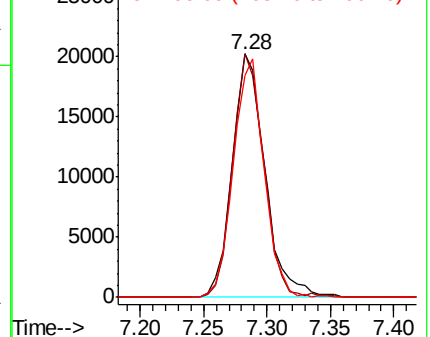
77 100

105 100.2 74.5 114.5

106 91.4 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: 38.871 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

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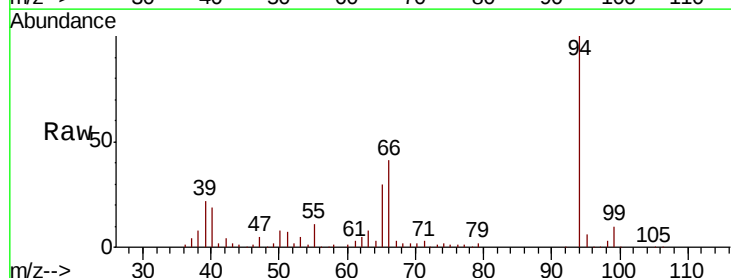
Tgt Ion: 94 Resp: 146369

Ion Ratio Lower Upper

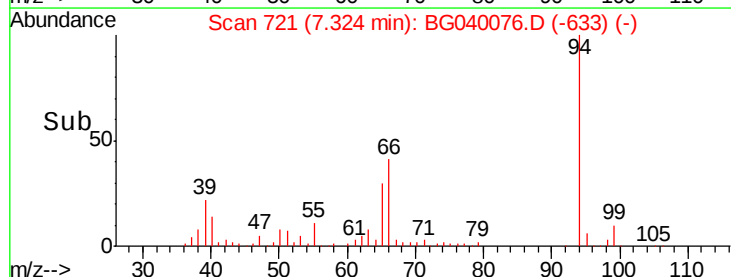
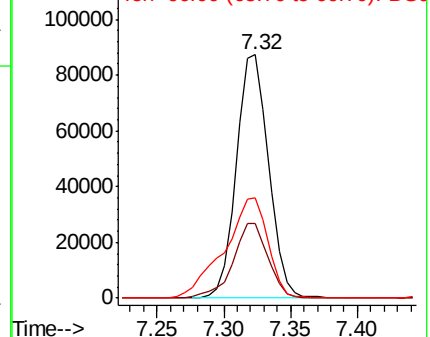
94 100

65 30.5 11.7 51.7

66 41.3 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

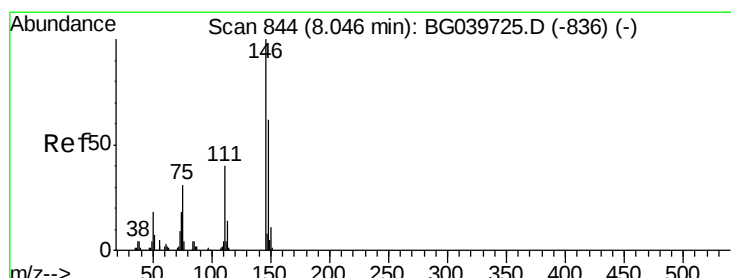
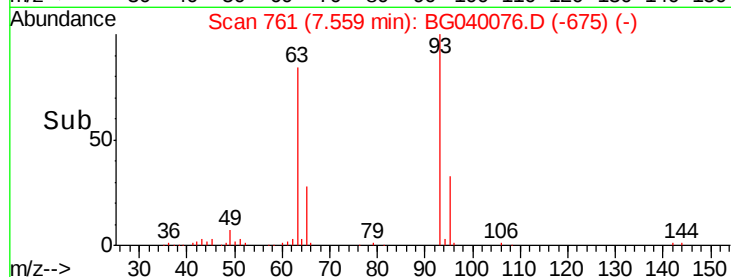
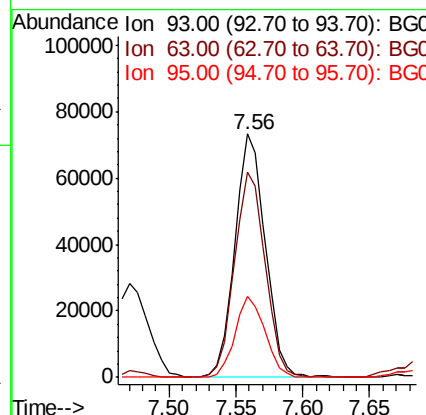
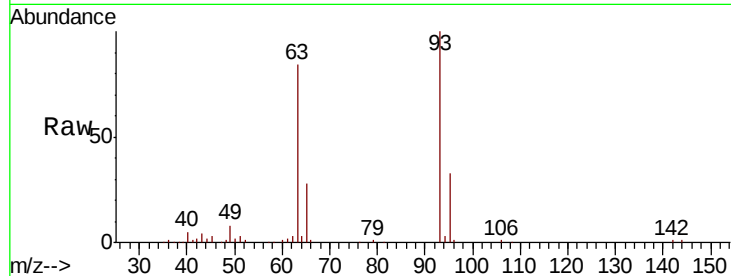




#11
 bis(2-Chloroethyl)ether
 Concen: 39.421 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

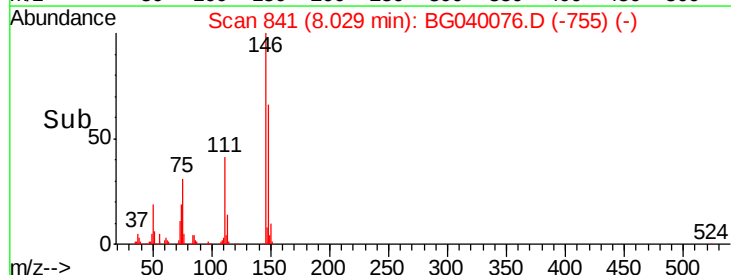
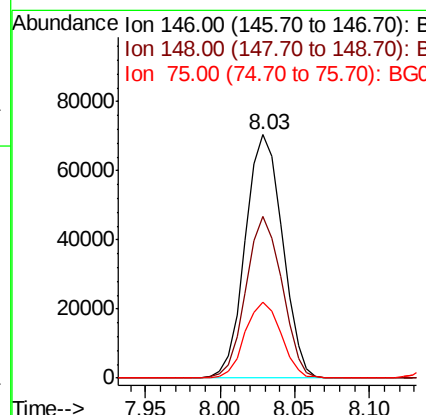
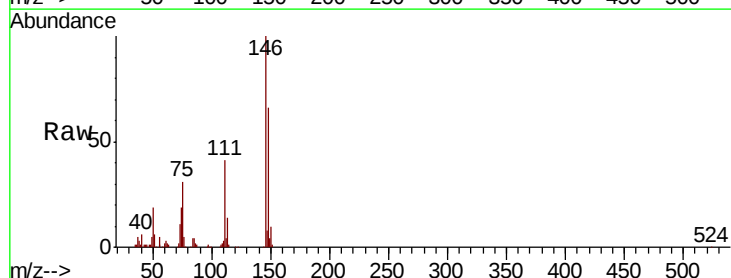
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

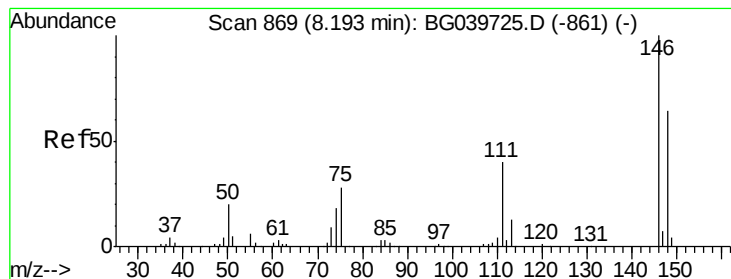
Tgt Ion: 93 Resp: 115736
 Ion Ratio Lower Upper
 93 100
 63 84.1 69.5 109.5
 95 33.4 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 37.989 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion: 146 Resp: 121509
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.6 79.0
 75 31.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.897 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

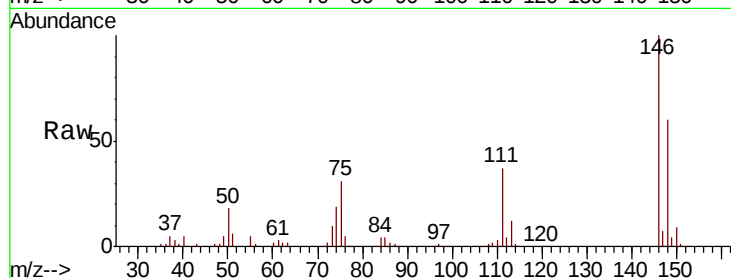
Tgt Ion:146 Resp: 126727

Ion Ratio Lower Upper

146 100

148 60.1 51.1 76.7

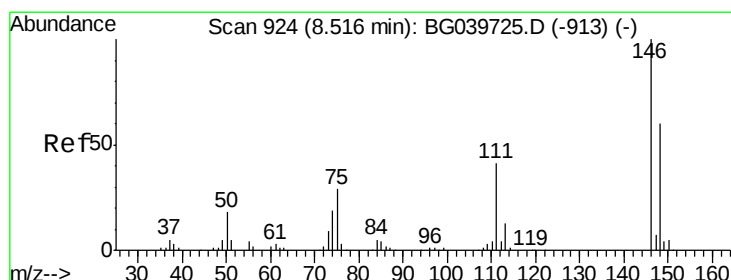
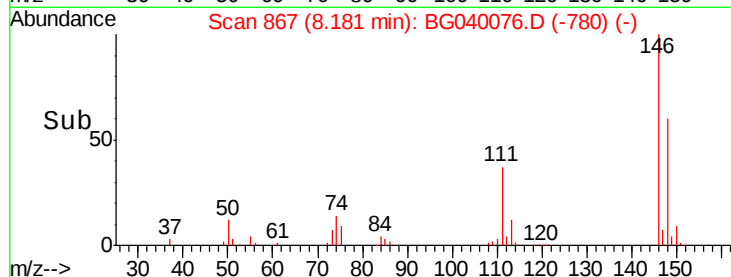
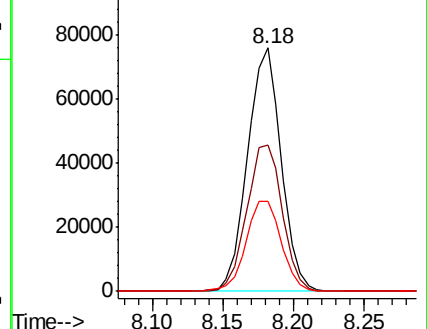
111 37.2 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.560 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

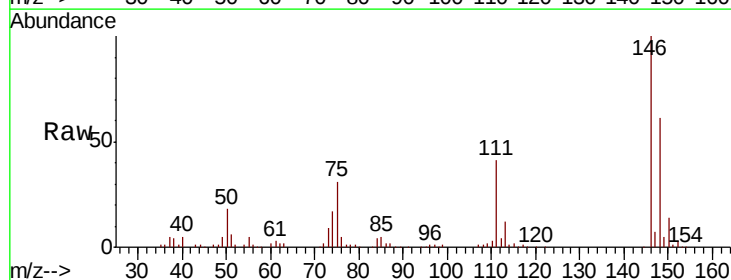
Tgt Ion:146 Resp: 121380

Ion Ratio Lower Upper

146 100

148 61.3 51.5 77.3

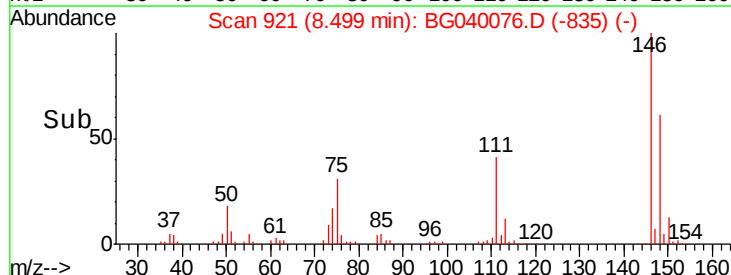
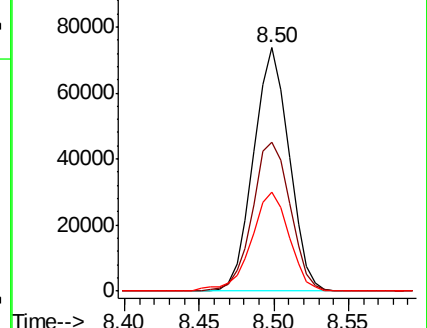
111 40.7 33.8 50.6

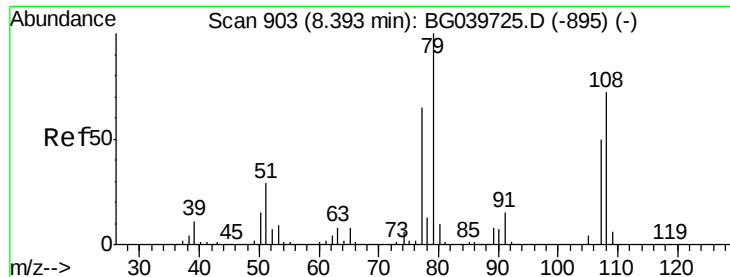


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.406 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

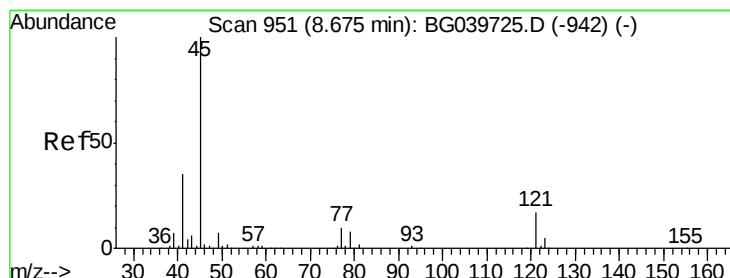
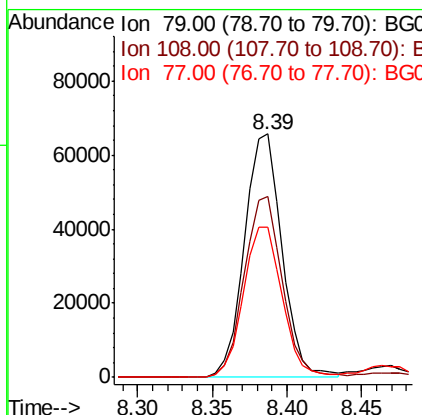
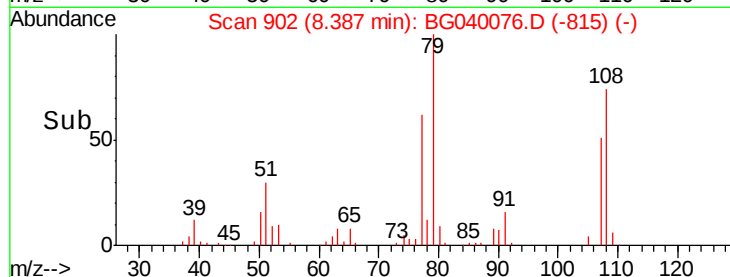
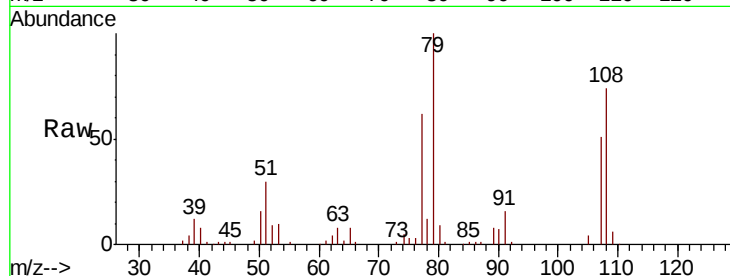
Tgt Ion: 79 Resp: 114167

Ion Ratio Lower Upper

79 100

108 74.4 57.8 86.6

77 61.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.911 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

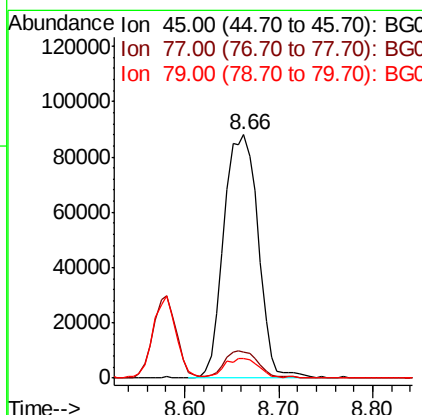
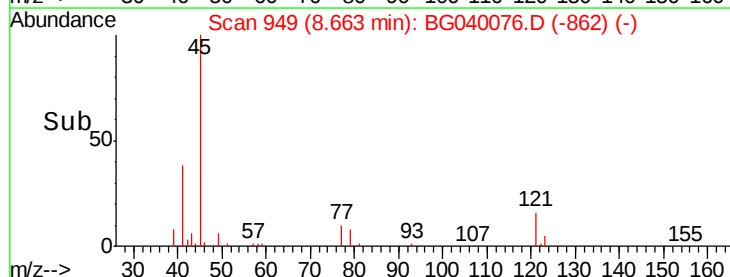
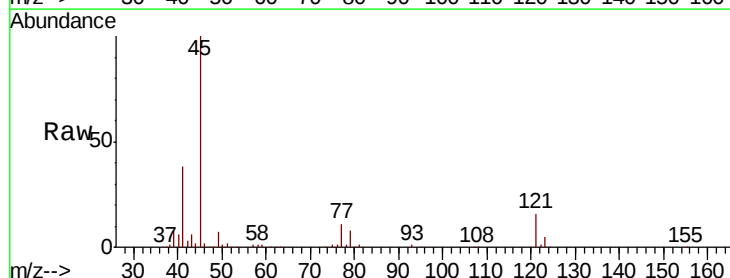
Tgt Ion: 45 Resp: 222604

Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 8.3 0.0 27.5

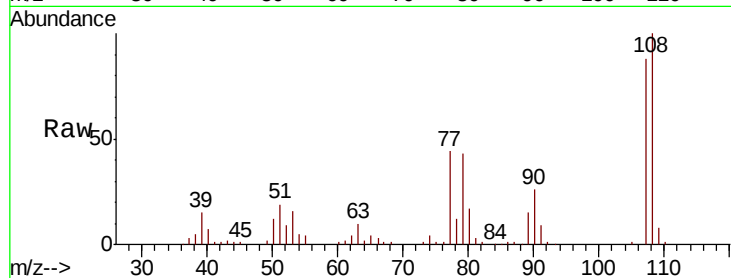




#17
2-Methylphenol
Concen: 43.684 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion:	107	Resp:	104888
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.8	136.2
77	49.5	40.7	61.1
79	49.2	40.6	60.8



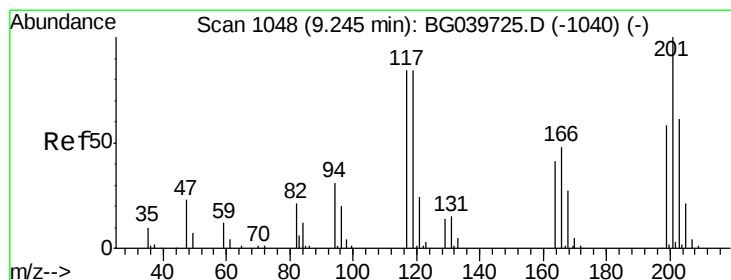
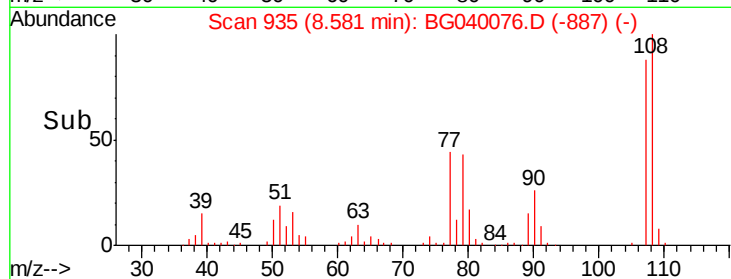
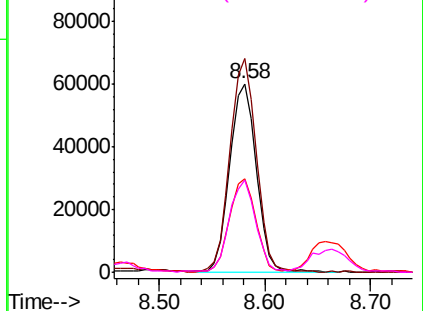
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

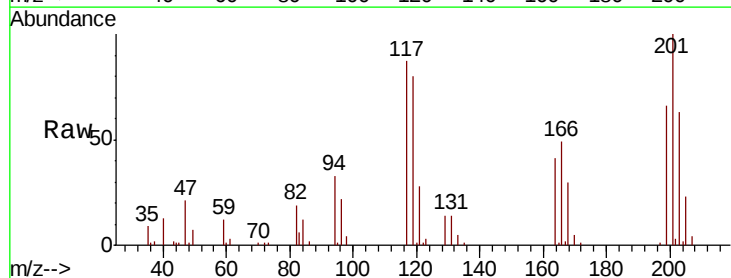
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.217 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:	117	Resp:	44677
Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.3	114.5
201	114.4	91.1	136.7

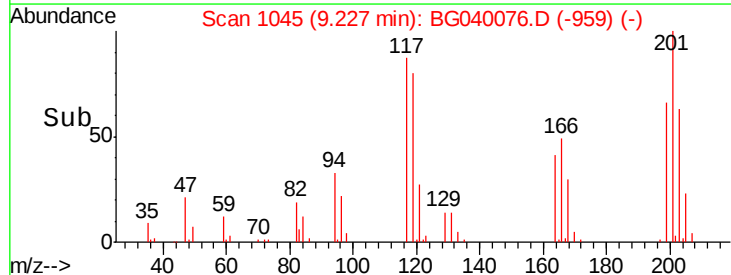
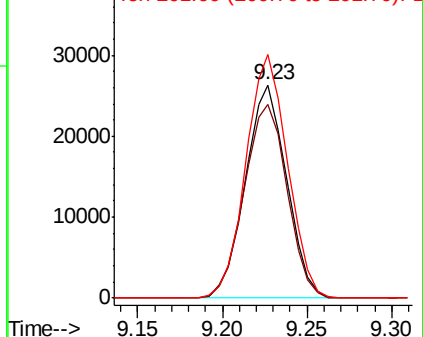


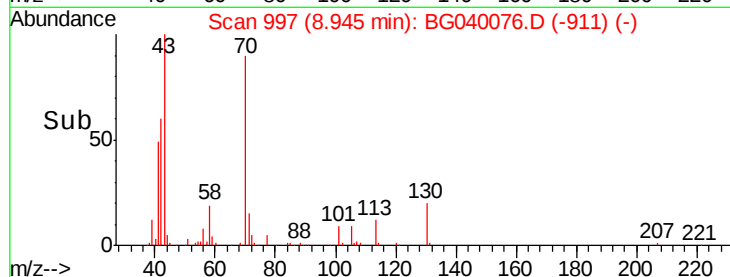
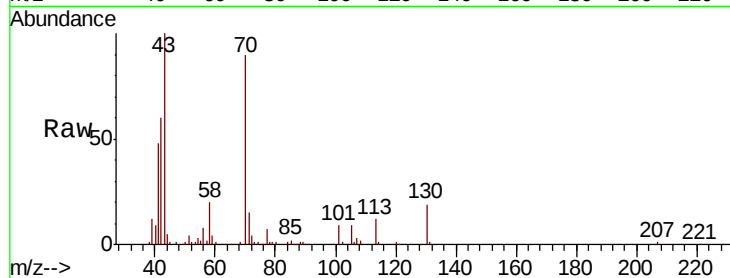
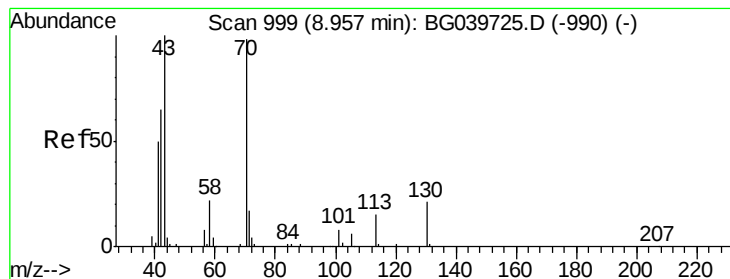
Abundance

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: 38.623 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

Tgt Ion: 70 Resp: 96629

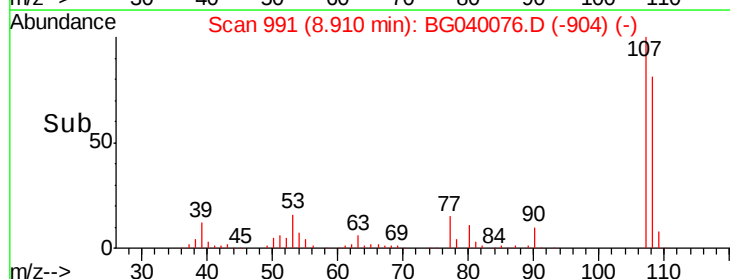
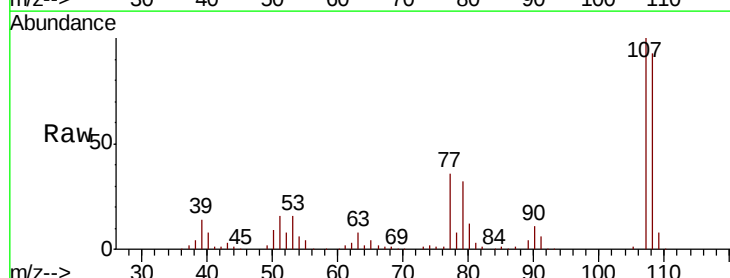
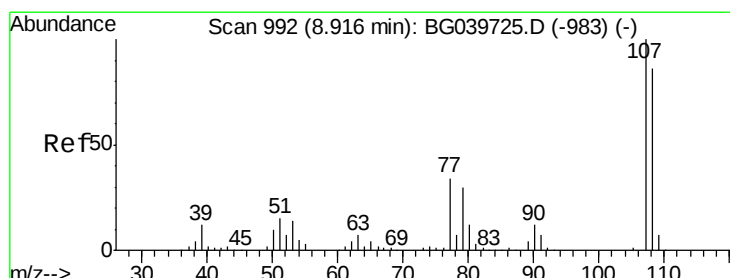
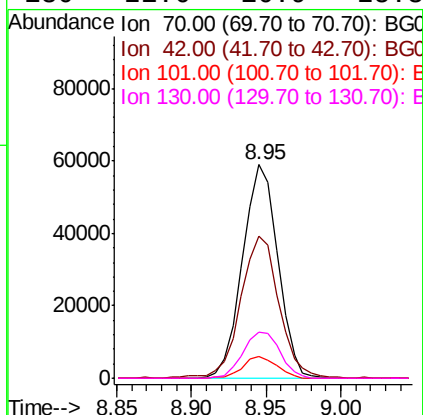
Ion Ratio Lower Upper

70 100

42 66.7 60.4 90.6

101 10.0 7.5 11.3

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 42.563 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Tgt Ion: 107 Resp: 141972

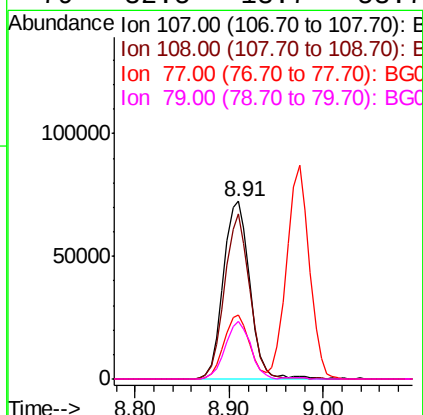
Ion Ratio Lower Upper

107 100

108 92.7 67.9 107.9

77 35.8 15.4 55.4

79 32.5 13.7 53.7

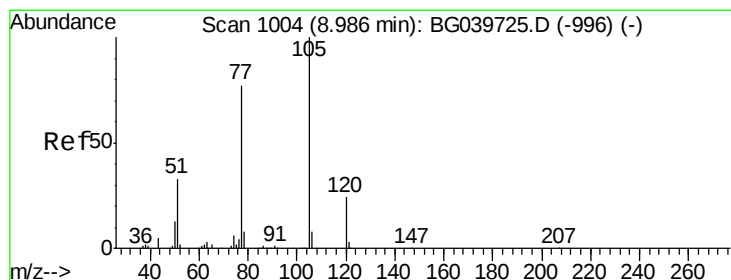
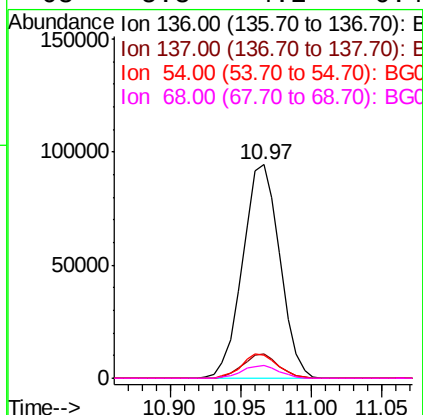
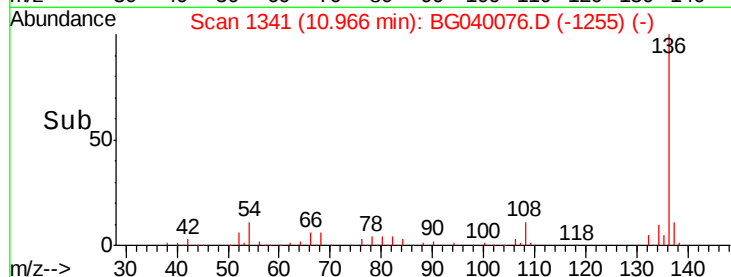
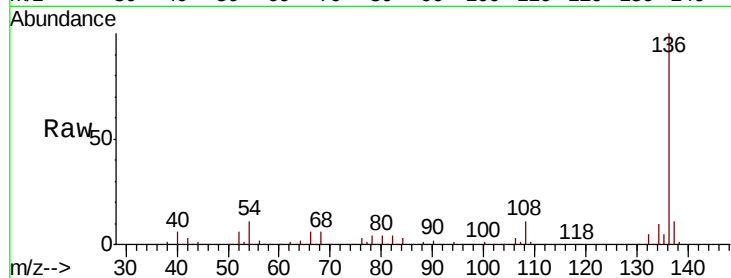




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

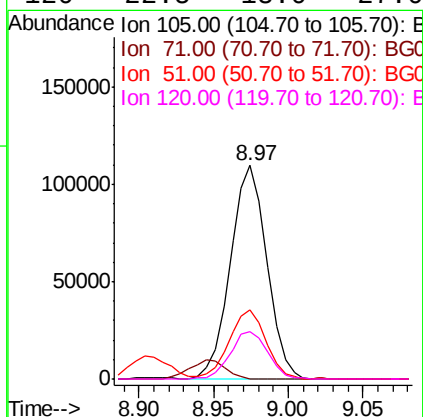
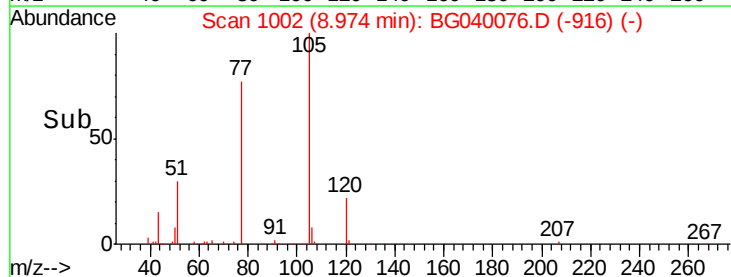
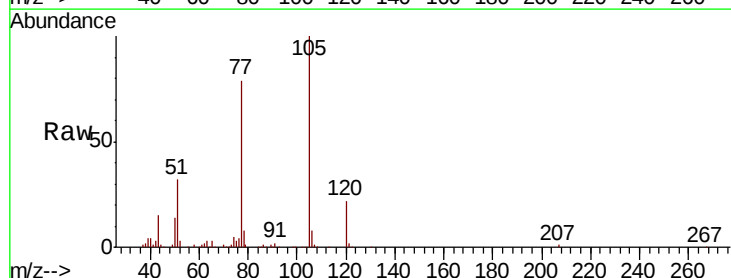
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

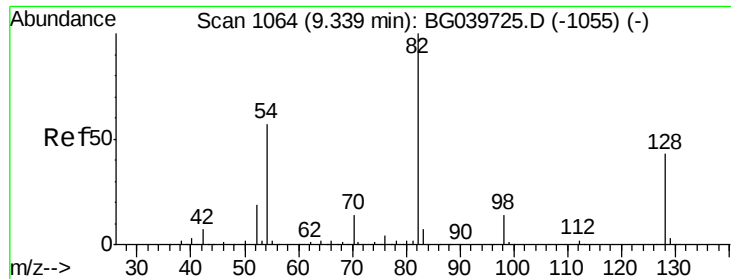
Tgt Ion:	136	Resp:	174560
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.8	9.4	14.2
68	5.8	4.2	6.4



#22
Acetophenone
Concen: 39.762 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:	105	Resp:	186289
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	32.5	30.2	45.2
120	22.5	18.0	27.0

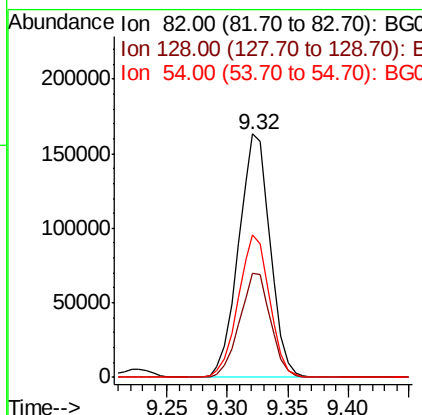
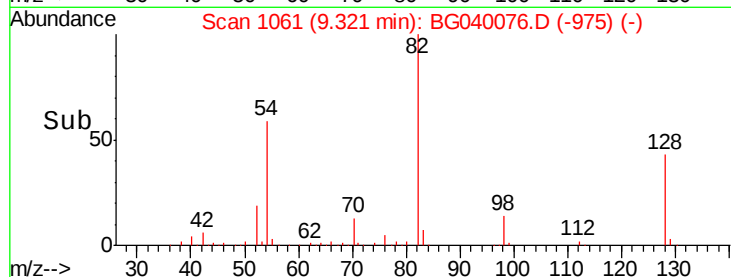
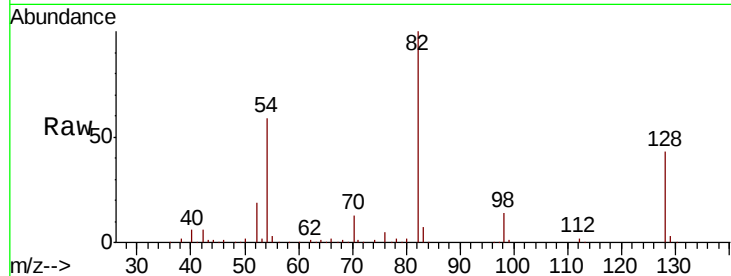




#23
 Nitrobenzene-d5
 Concen: 91.710 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

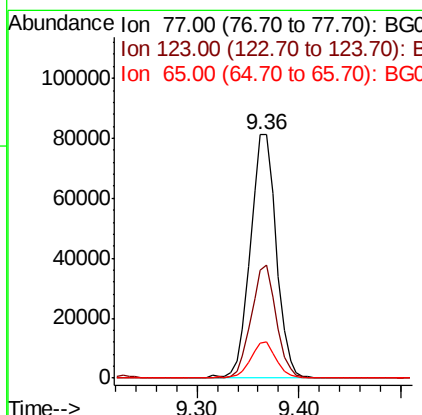
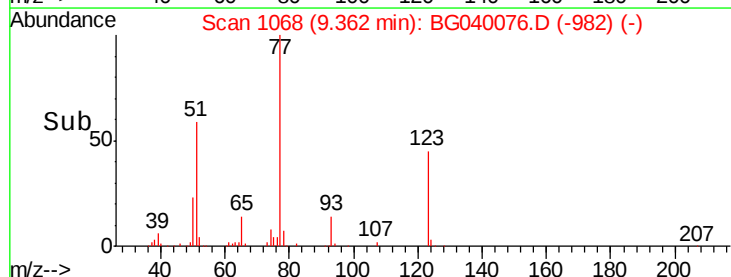
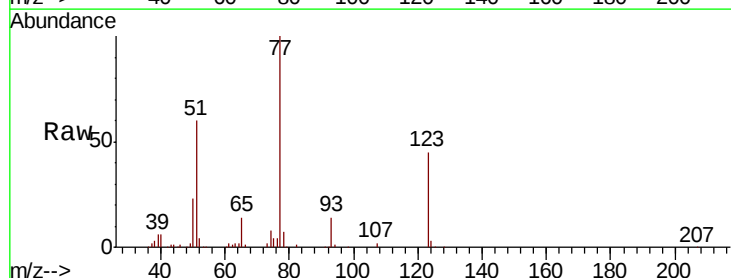
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

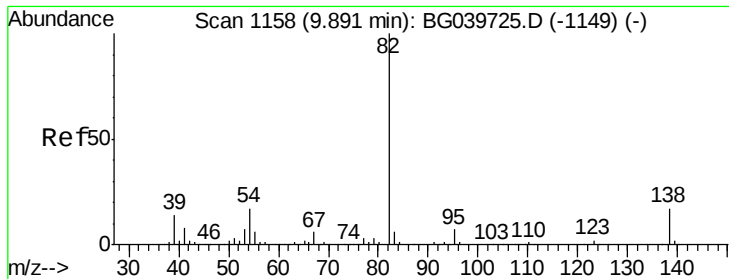
Tgt Ion: 82 Resp: 295999
 Ion Ratio Lower Upper
 82 100
 128 42.6 31.3 46.9
 54 58.7 50.9 76.3



#24
 Nitrobenzene
 Concen: 42.670 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion: 77 Resp: 144479
 Ion Ratio Lower Upper
 77 100
 123 44.6 34.1 51.1
 65 14.4 12.3 18.5





#25

Isophorone

Concen: 42.118 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

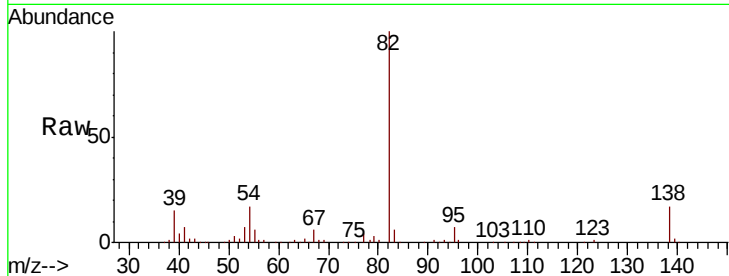
Tgt Ion: 82 Resp: 284833

Ion Ratio Lower Upper

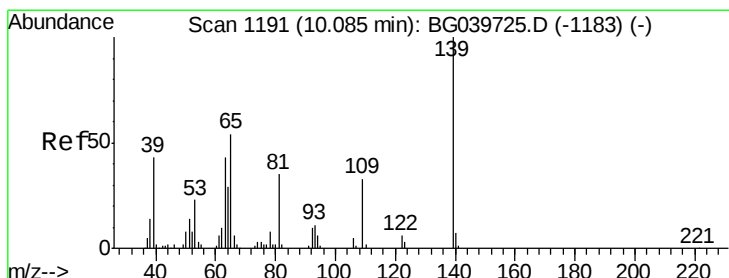
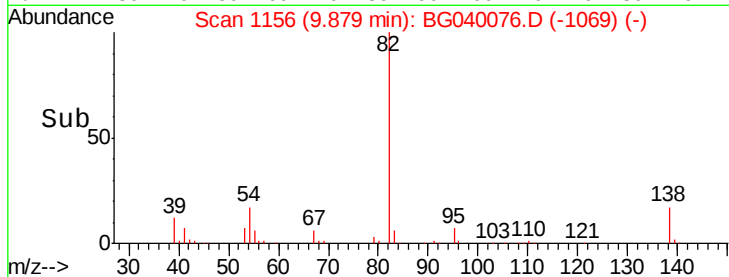
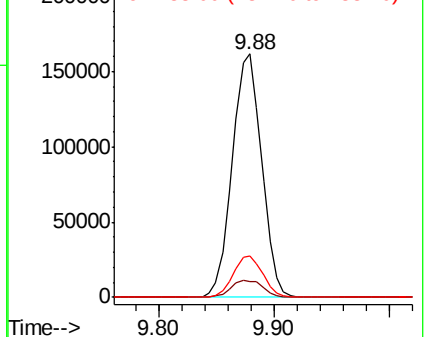
82 100

95 6.6 6.2 9.2

138 17.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 43.048 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

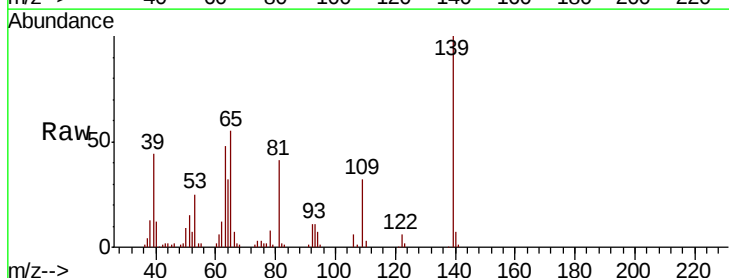
Tgt Ion: 139 Resp: 70375

Ion Ratio Lower Upper

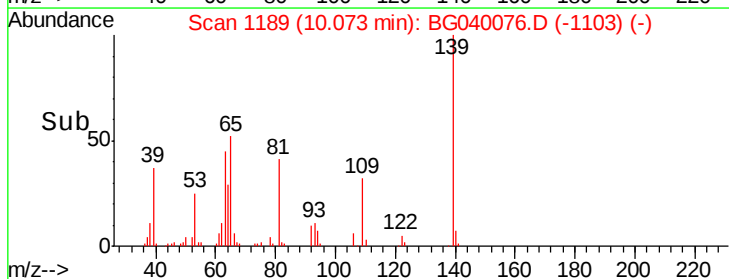
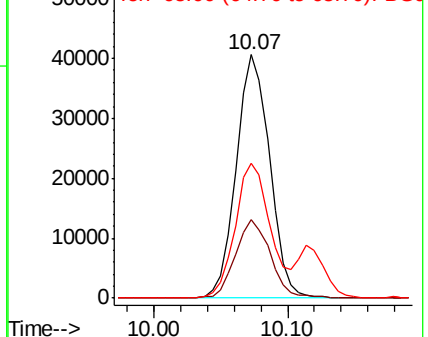
139 100

109 32.3 23.4 35.0

65 55.4 44.3 66.5



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

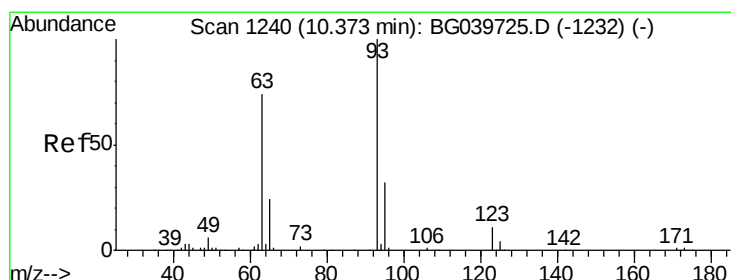
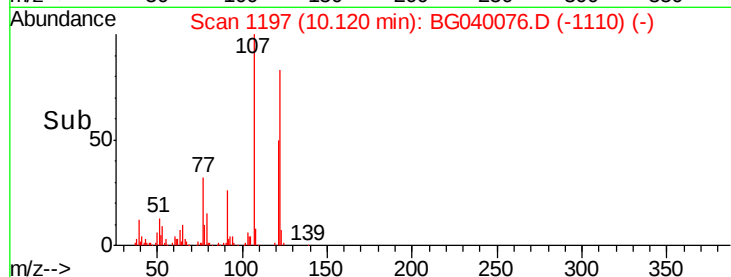
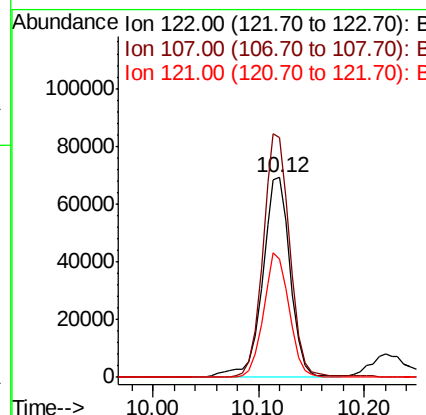
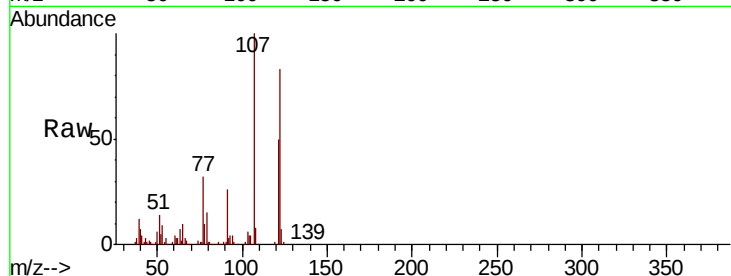




#27
2,4-Dimethylphenol
Concen: 49.585 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

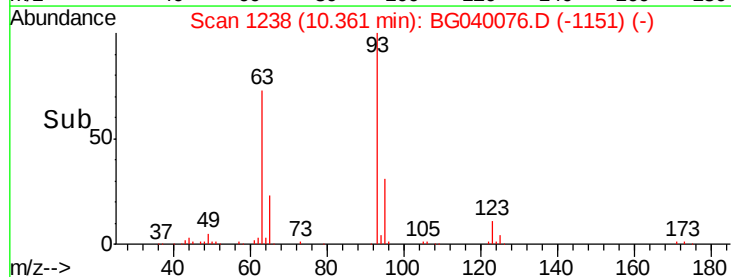
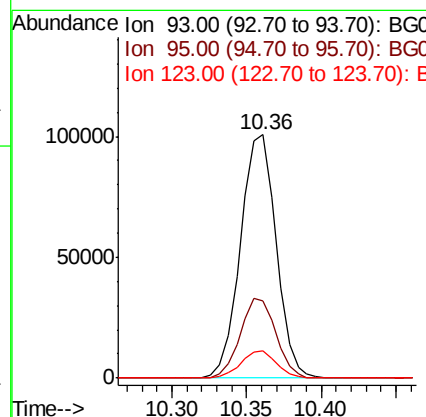
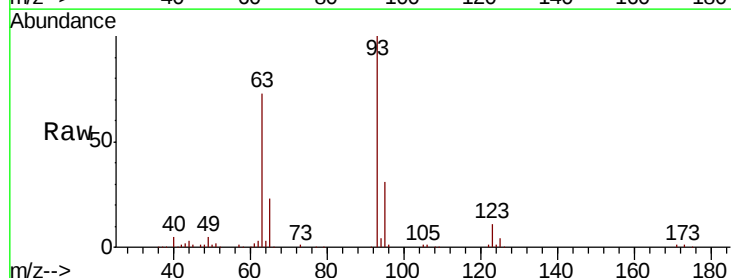
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.1	91.7	137.5
121	59.5	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.717 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.0	37.4
123	11.1	8.6	12.8

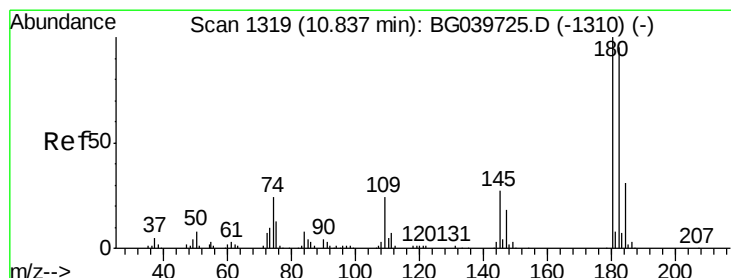
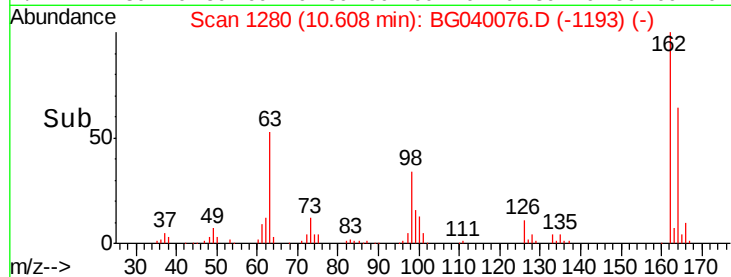
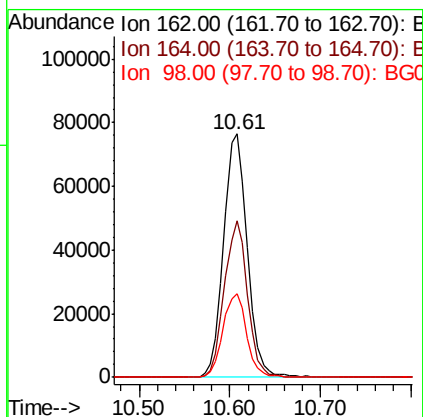
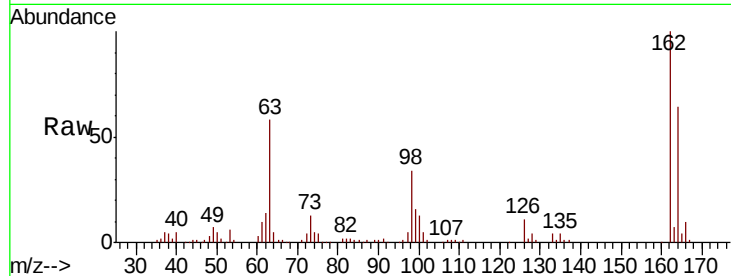




#29
2,4-Dichlorophenol
Concen: 48.312 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

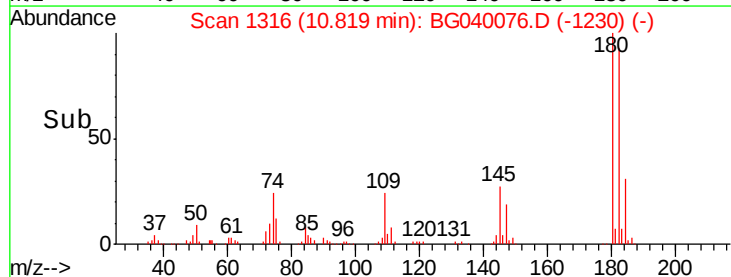
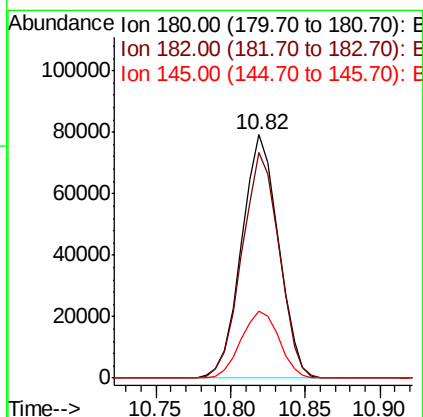
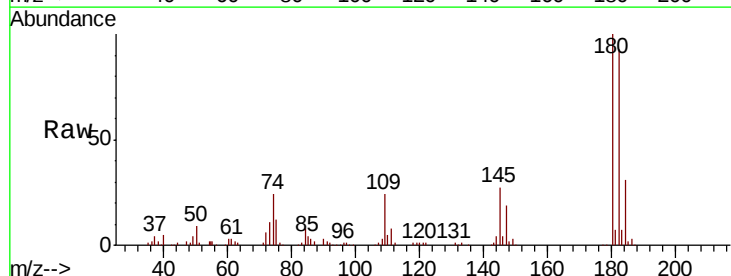
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

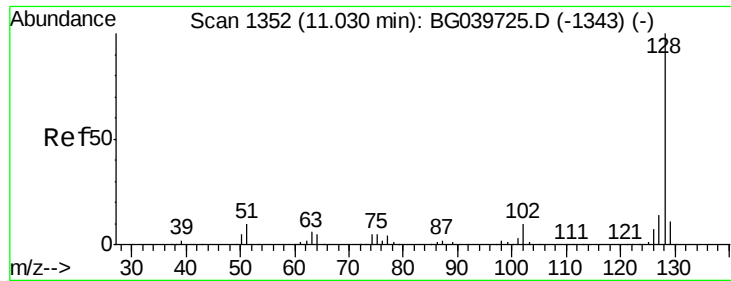
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.1	88.1
98	34.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 42.028 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.0	114.0
145	27.4	22.7	34.1

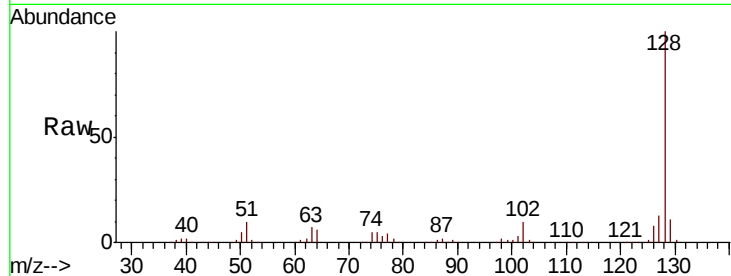




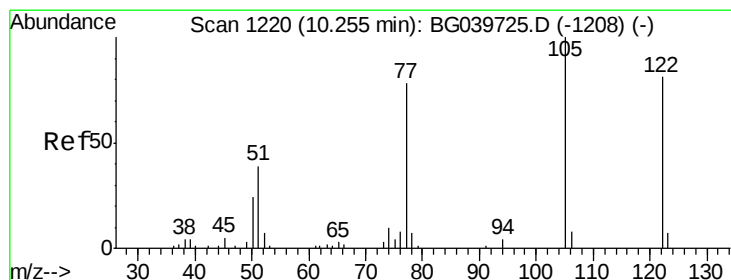
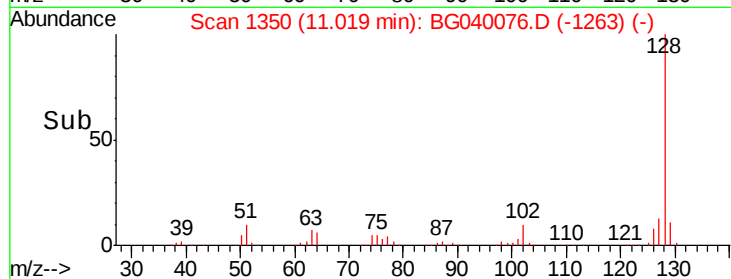
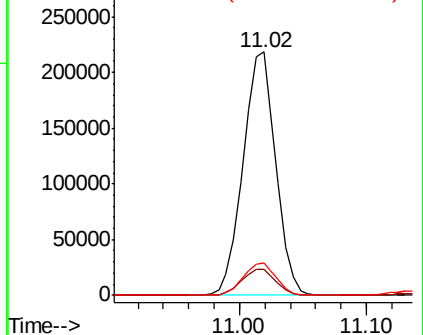
#31
Naphthalene
Concen: 42.143 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion:128 Resp: 389494
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.8 16.2

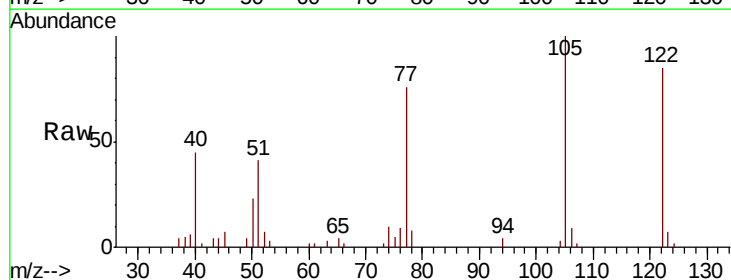


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

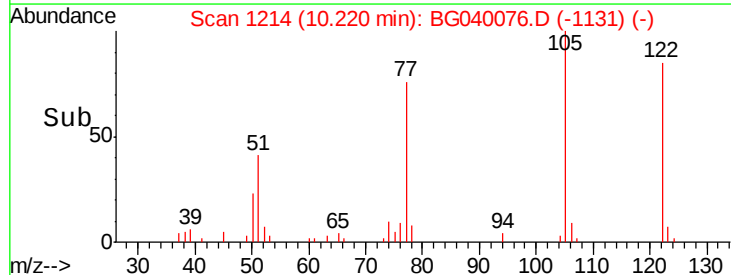
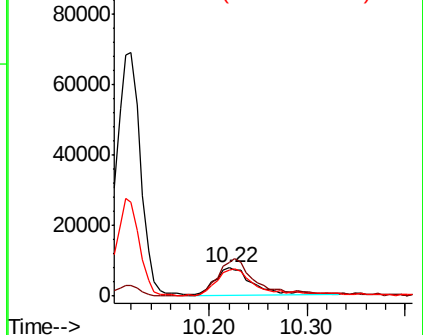


#32
Benzoic acid
Concen: 17.036 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:122 Resp: 21125
Ion Ratio Lower Upper
122 100
105 118.1 101.8 141.8
77 89.8 76.3 116.3



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

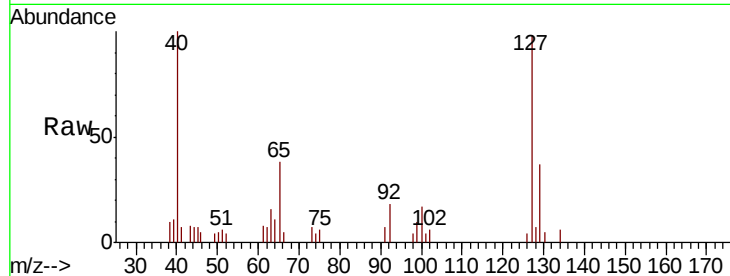




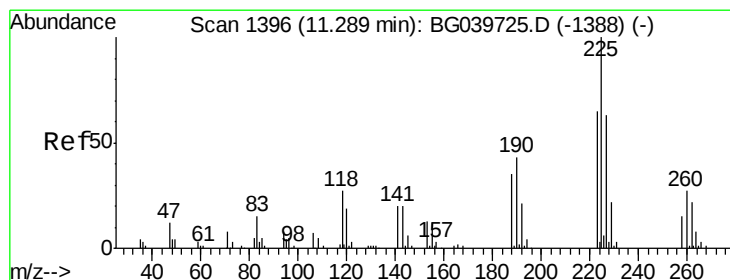
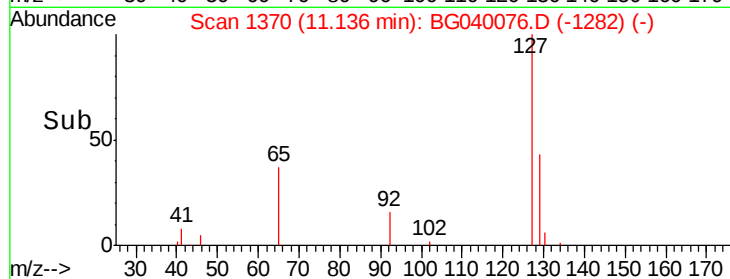
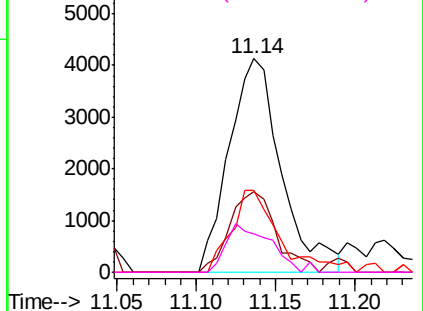
#33
4-Chloroaniline
Concen: 2.404 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion:	127	Resp:	9423
Ion	Ratio	Lower	Upper
127	100		
129	37.9	27.0	40.4
65	38.6	28.8	43.2
92	17.9	16.6	25.0

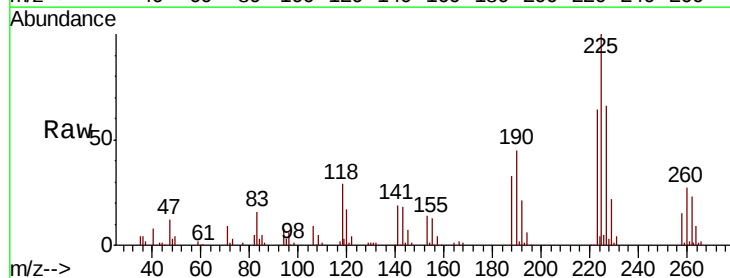


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

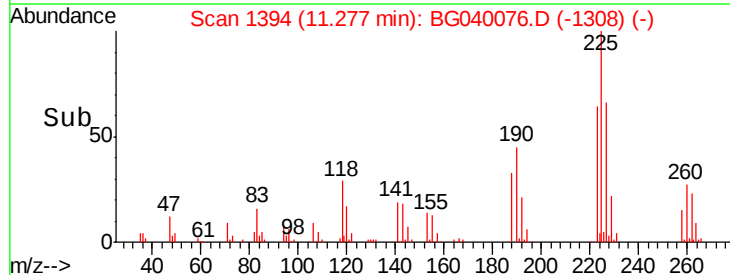
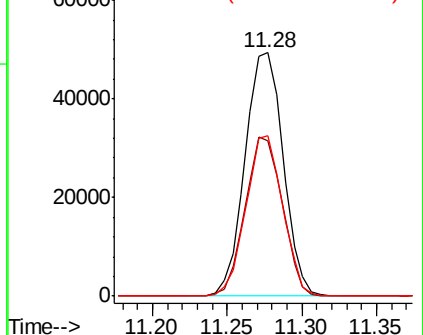


#34
Hexachlorobutadiene
Concen: 39.650 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:	225	Resp:	87277
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.0	73.6
227	65.8	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

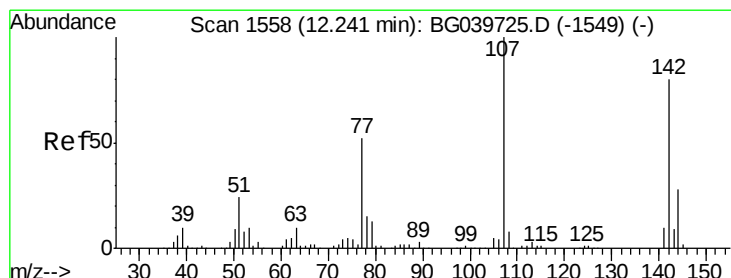
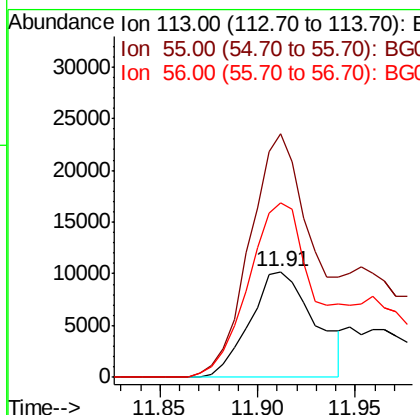
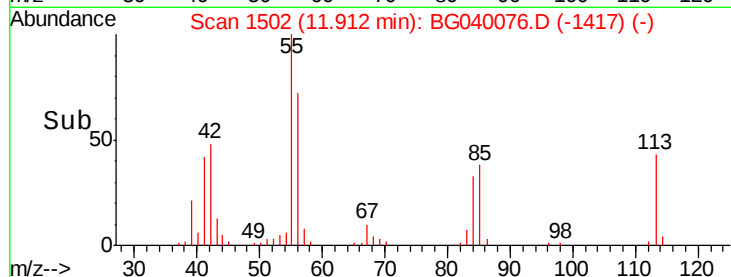
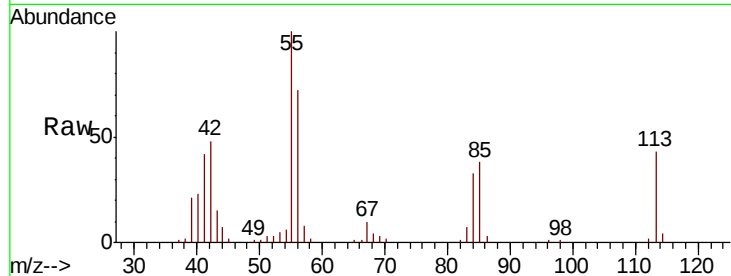




#35
 Caprolactam
 Concen: 21.478 ng
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

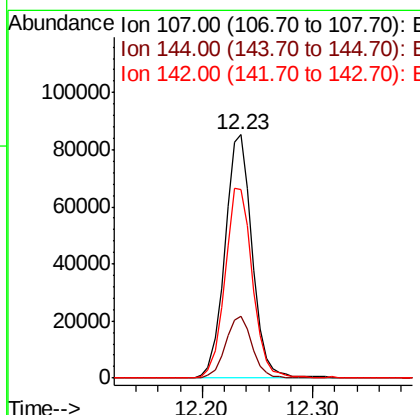
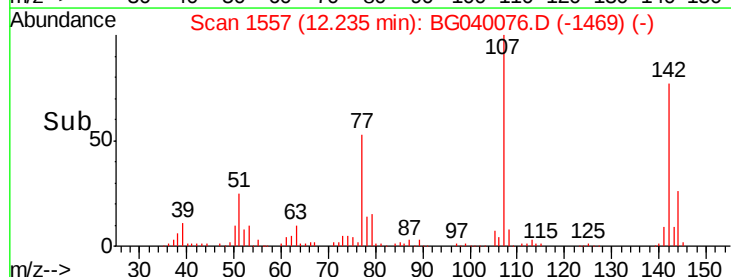
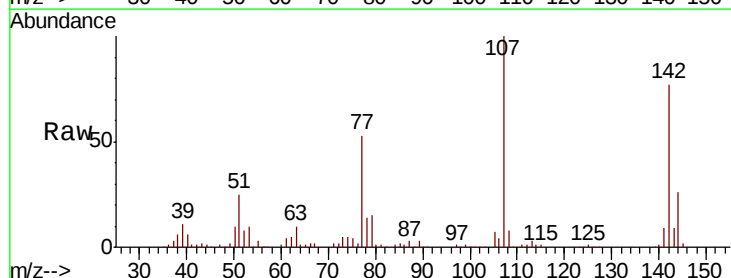
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

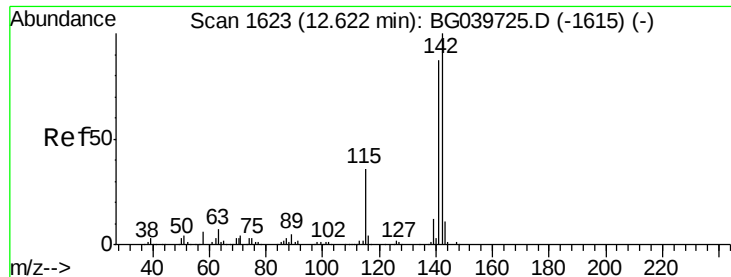
Tgt Ion:113 Resp: 23487
 Ion Ratio Lower Upper
 113 100
 55 230.0 216.9 256.9
 56 165.3 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.785 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion:107 Resp: 146961
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 77.4 61.4 92.2

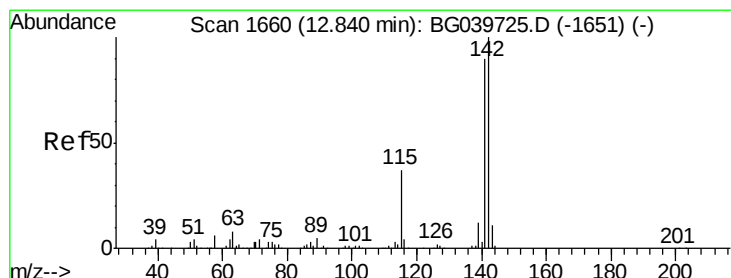
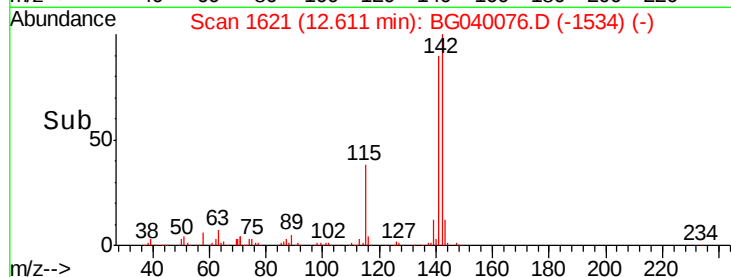
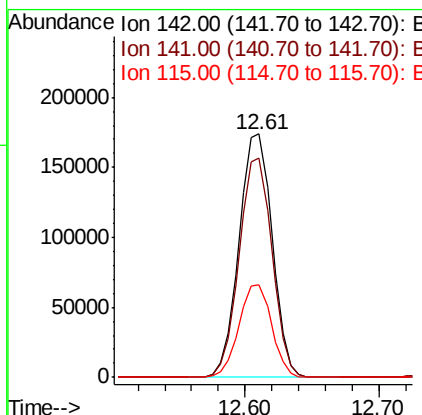
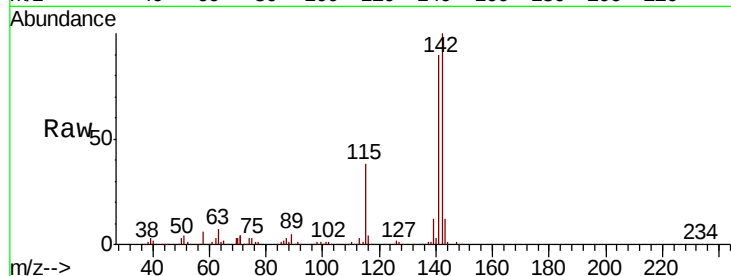




#37
 2-Methylnaphthalene
 Concen: 43.210 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

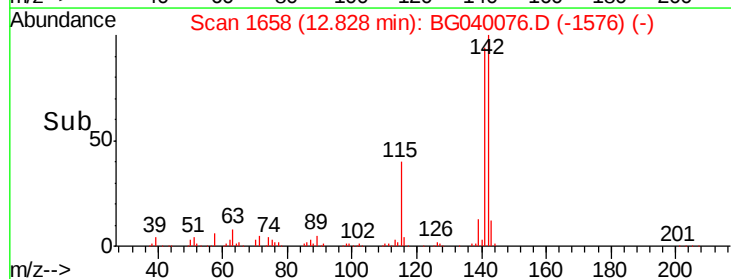
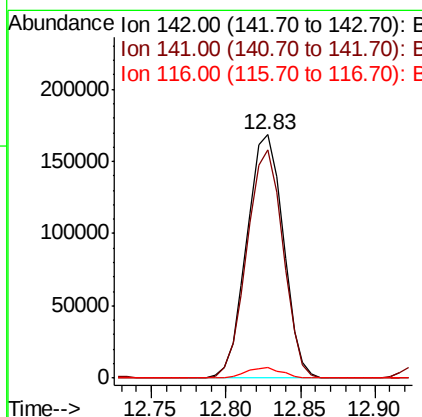
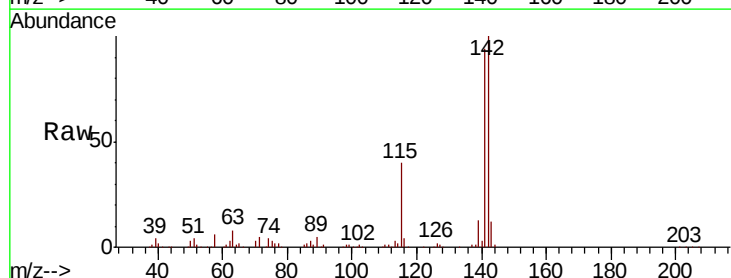
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

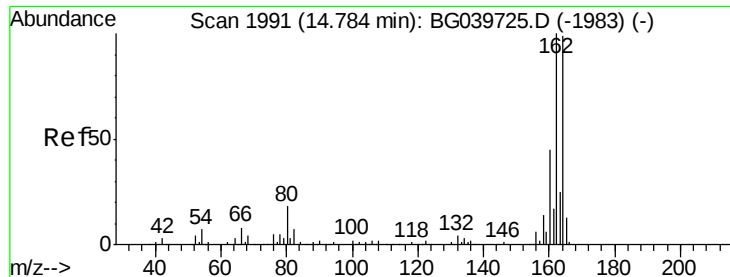
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
115	37.9	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 42.525 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

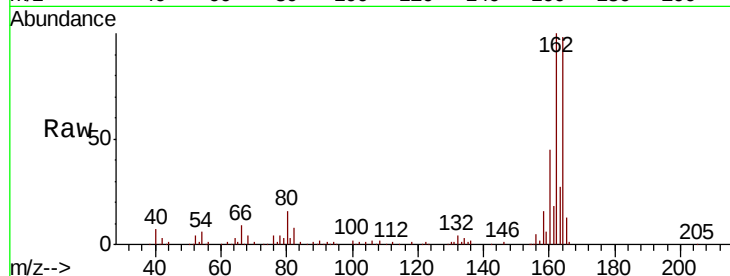
Tgt Ion:164 Resp: 123021

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

160 45.6 34.2 51.2

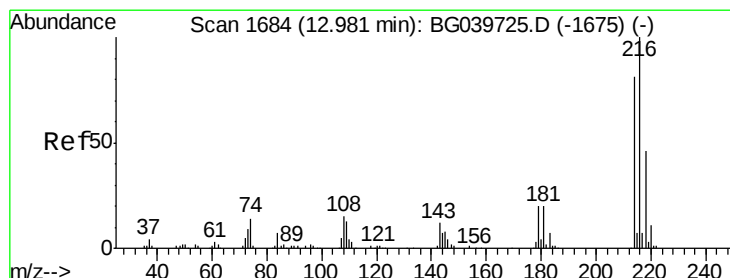
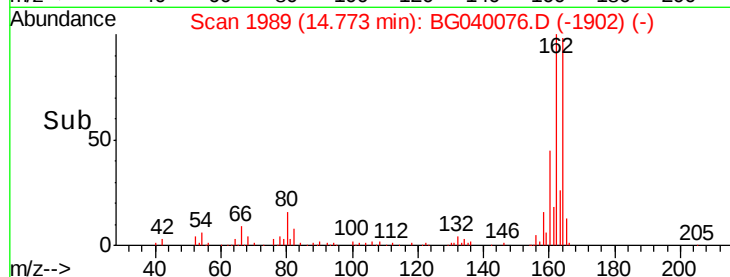
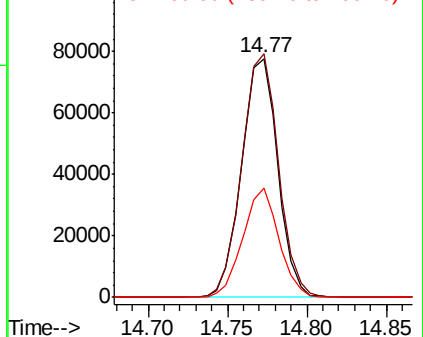


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.726 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Tgt Ion:216 Resp: 165564

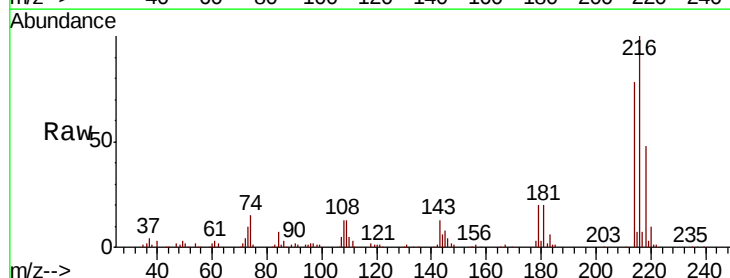
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.8 16.6 25.0

108 18.2 14.0 21.0



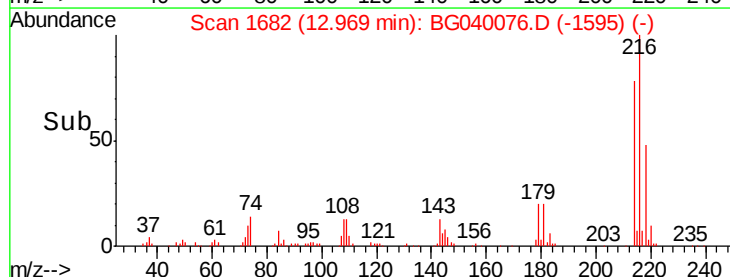
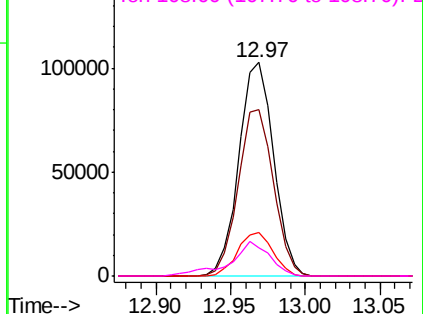
Abundance

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: 85.066 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

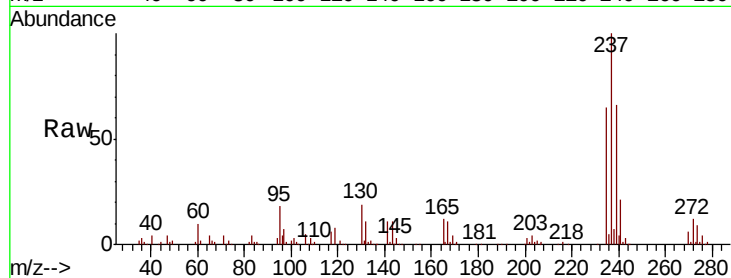
Tgt Ion:237 Resp: 189991

Ion Ratio Lower Upper

237 100

235 65.5 43.3 83.3

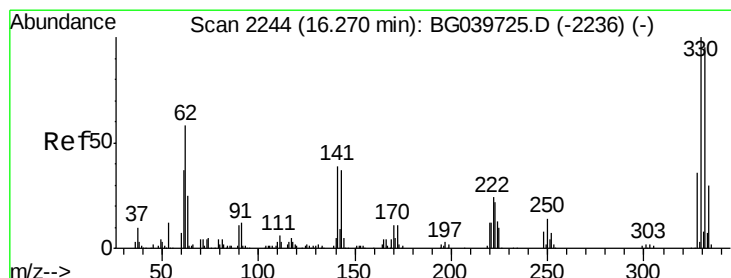
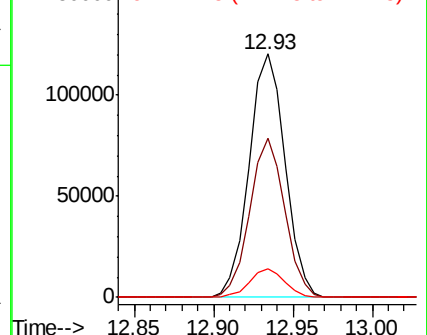
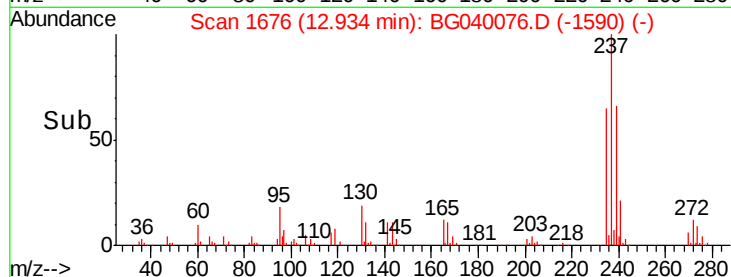
272 11.7 0.0 32.3



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: 141.683 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

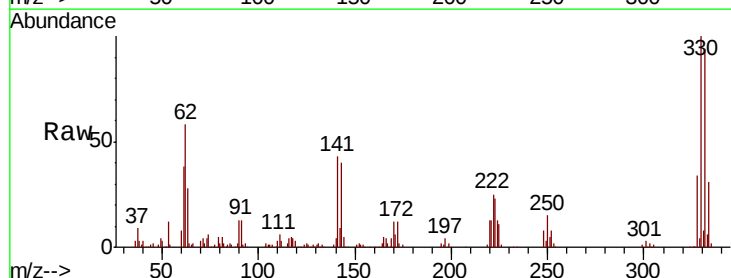
Tgt Ion:330 Resp: 203159

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

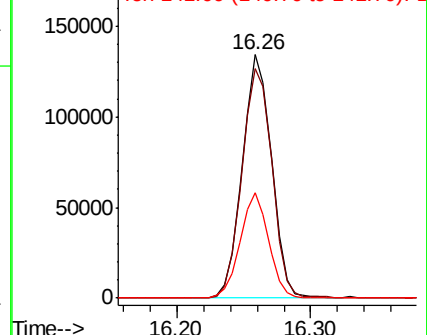
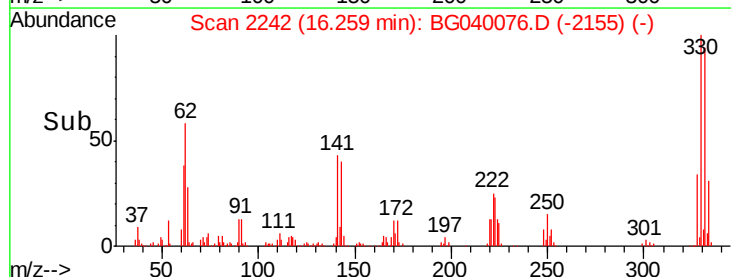
141 42.1 35.6 53.4

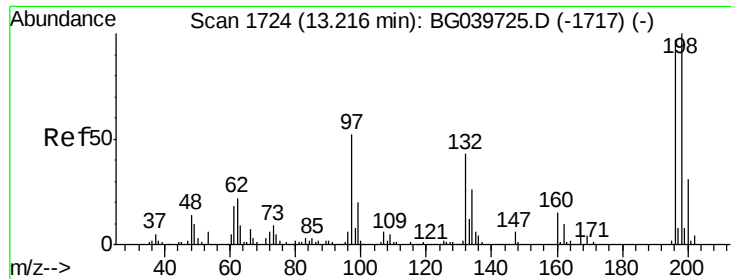


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

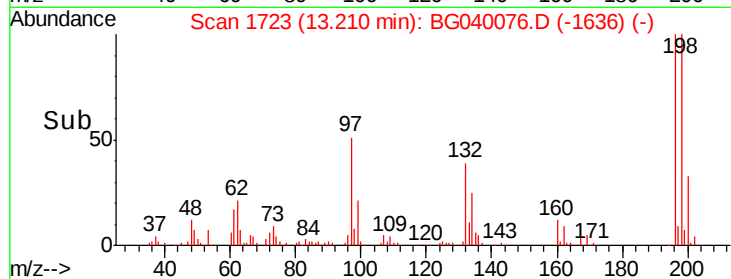
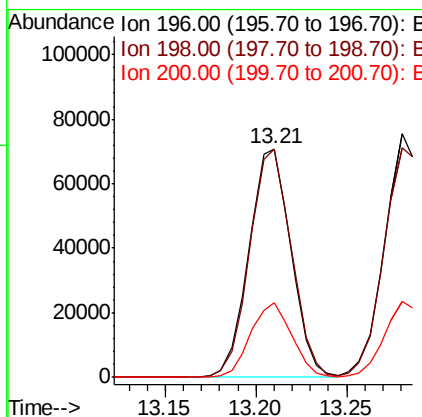
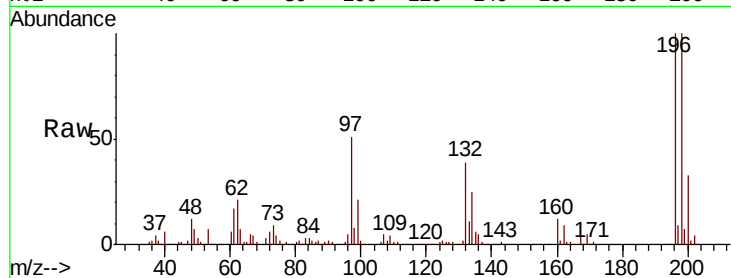




#43
 2,4,6-Trichlorophenol
 Concen: 46.829 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

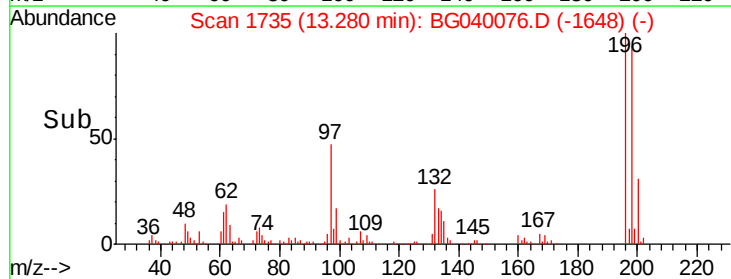
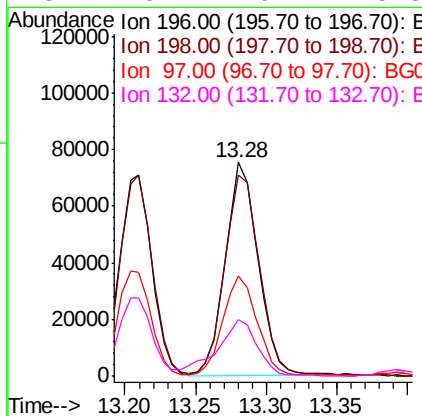
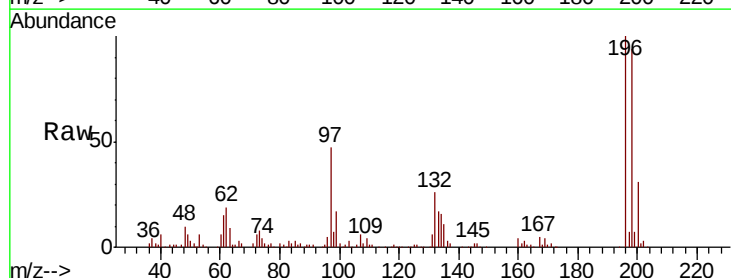
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

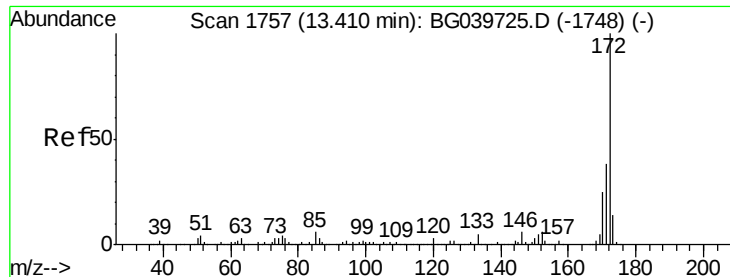
Tgt Ion:196 Resp: 114260
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.6 121.0
 200 32.6 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.435 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion:196 Resp: 122208
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.5 117.7
 97 46.9 38.4 57.6
 132 26.2 19.2 28.8

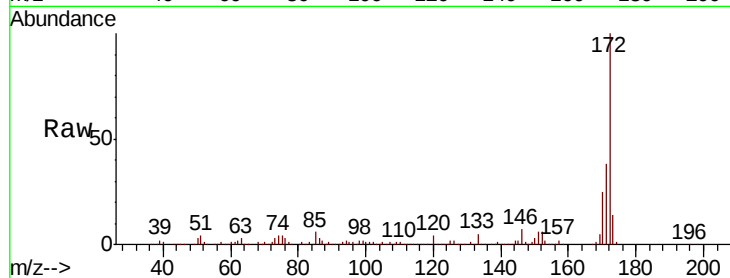




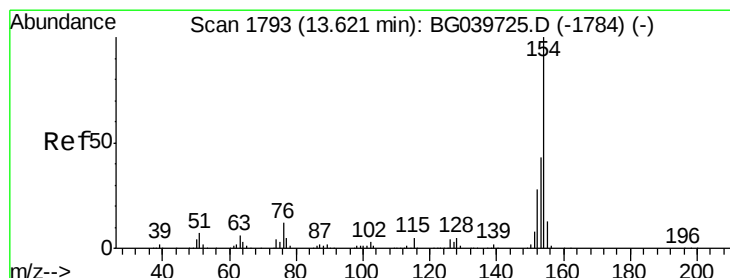
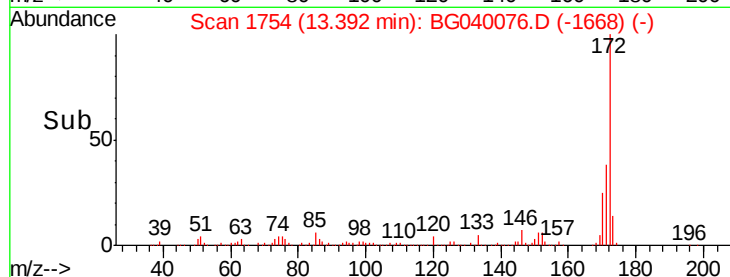
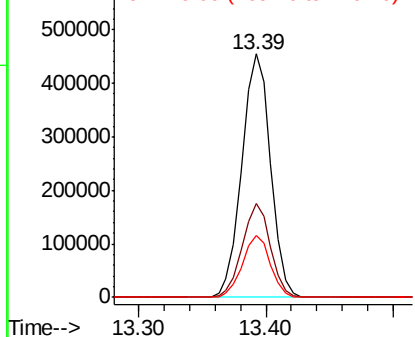
#45
2-Fluorobiphenyl
Concen: 82.286 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion:172 Resp: 710964
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.4 20.2 30.4

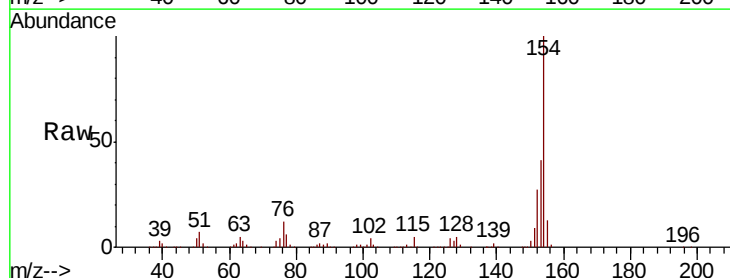


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

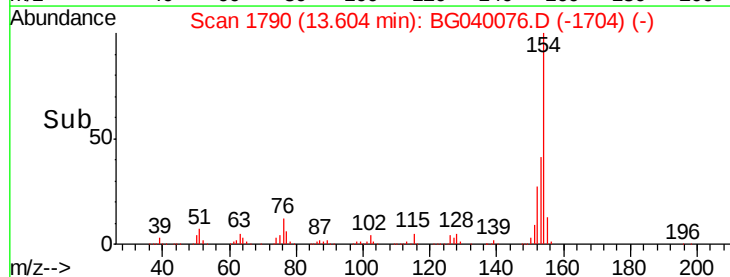
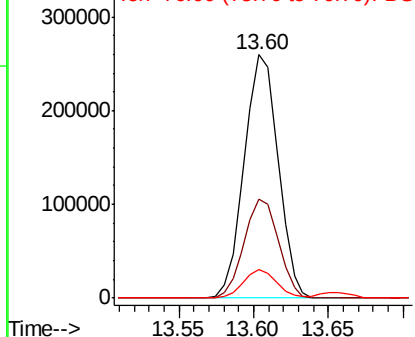


#46
1,1'-Biphenyl
Concen: 40.244 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:154 Resp: 407200
Ion Ratio Lower Upper
154 100
153 40.5 22.1 62.1
76 11.7 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

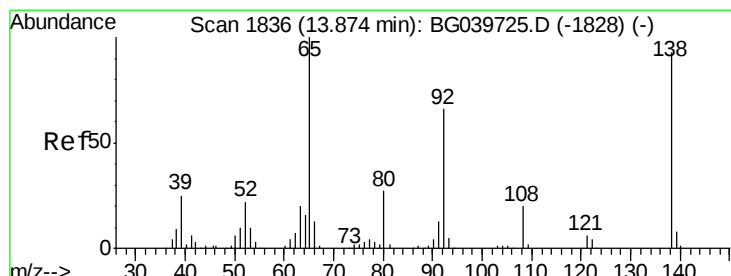
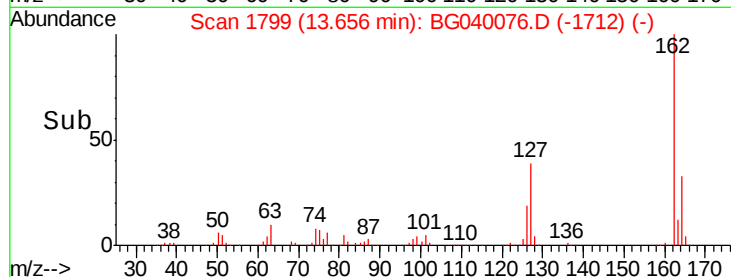
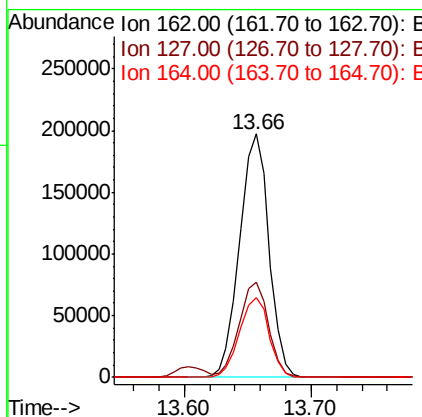
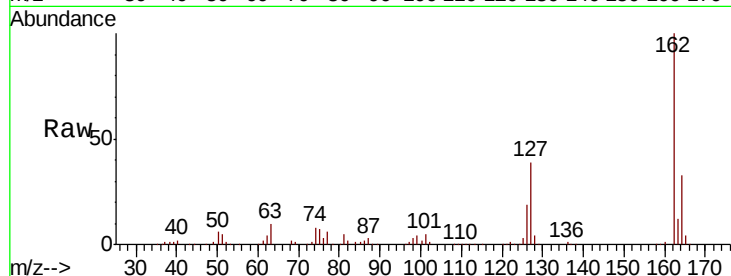




#47
 2-Chloronaphthalene
 Concen: 41.473 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

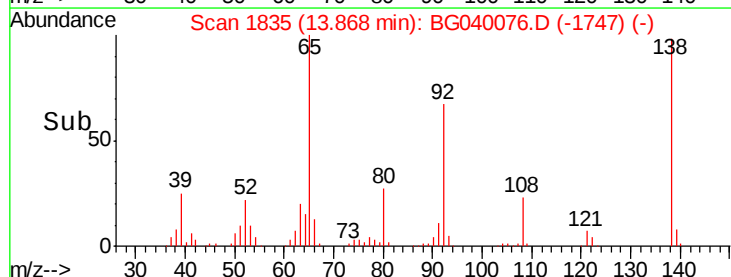
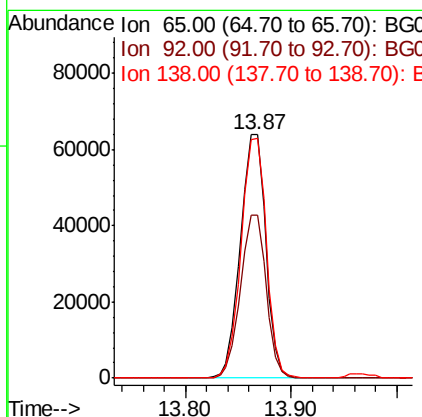
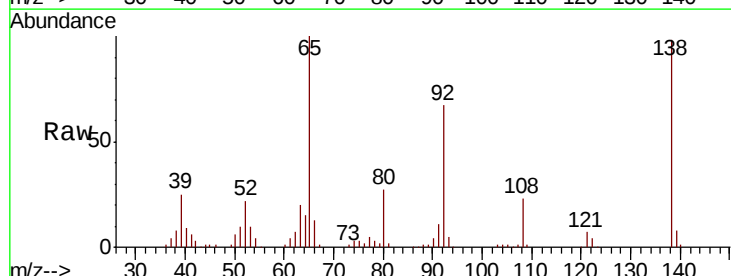
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

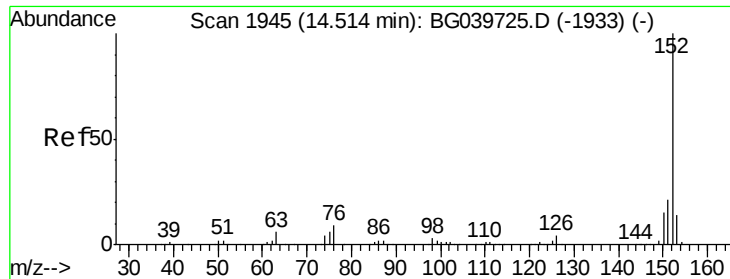
Tgt Ion: 162 Resp: 315689
 Ion Ratio Lower Upper
 162 100
 127 39.3 31.0 46.6
 164 33.0 25.7 38.5



#48
 2-Nitroaniline
 Concen: 43.619 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion: 65 Resp: 106703
 Ion Ratio Lower Upper
 65 100
 92 67.1 51.4 77.2
 138 98.3 71.4 107.2





#49

Acenaphthylene

Concen: 40.927 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

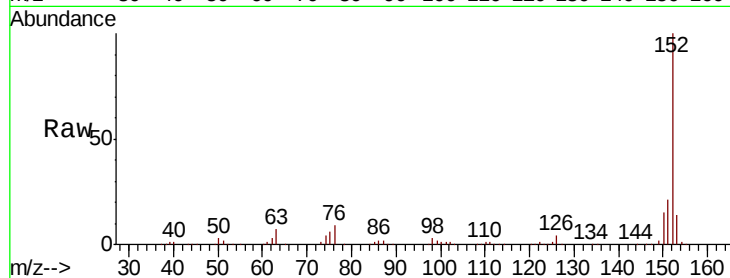
Tgt Ion:152 Resp: 511411

Ion Ratio Lower Upper

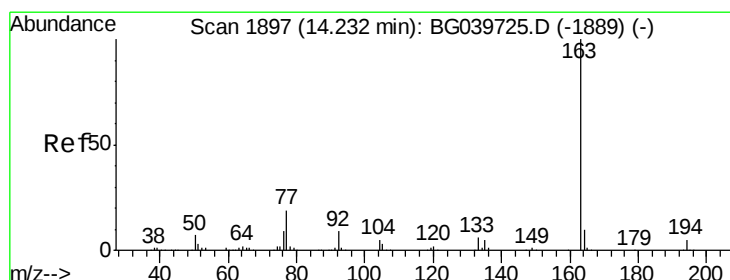
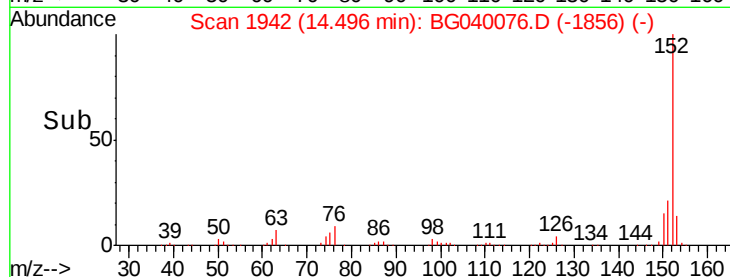
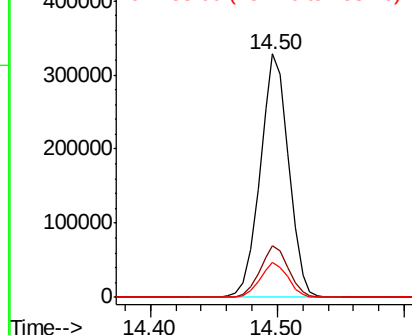
152 100

151 21.2 16.8 25.2

153 14.3 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: 42.437 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

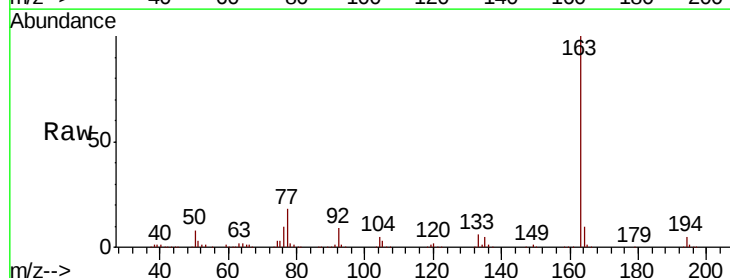
Tgt Ion:163 Resp: 436542

Ion Ratio Lower Upper

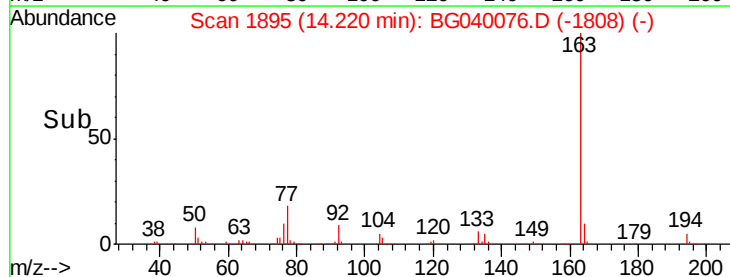
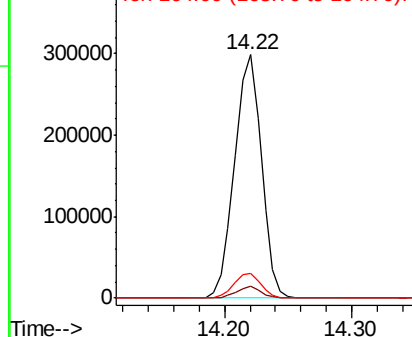
163 100

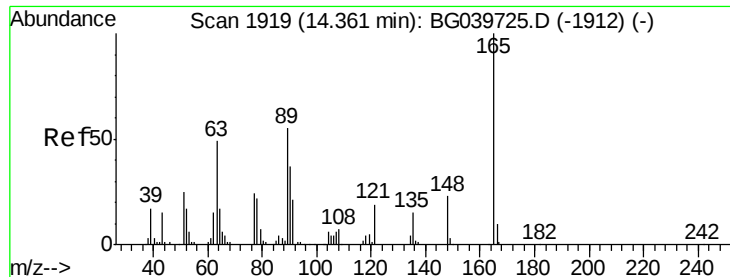
194 4.9 3.6 5.4

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

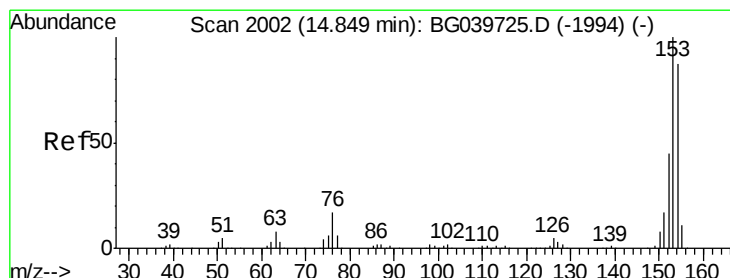
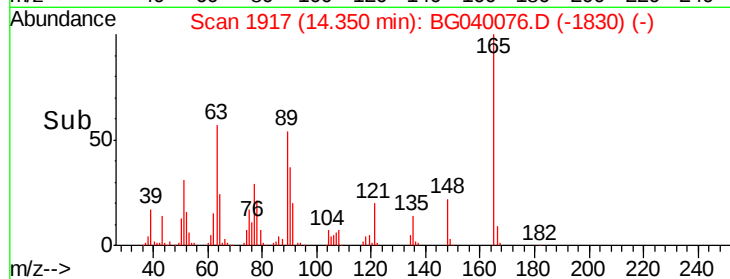
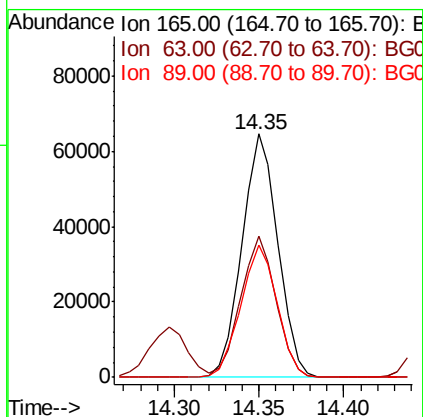
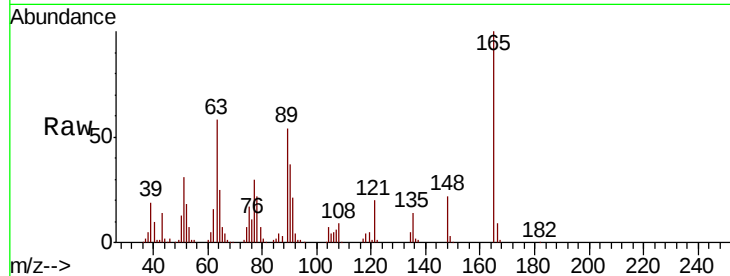




#51
 2,6-Dinitrotoluene
 Concen: 43.734 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

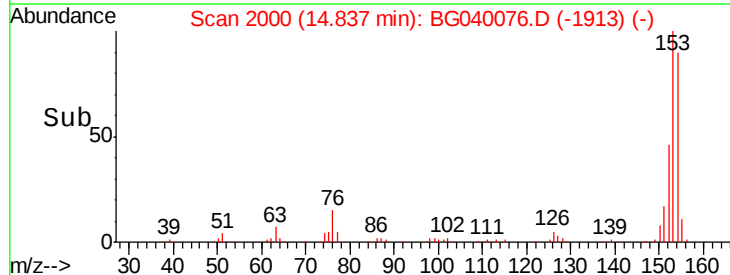
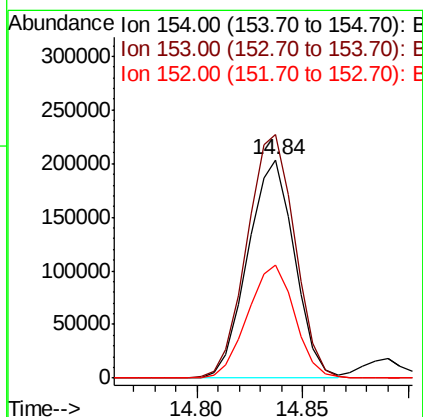
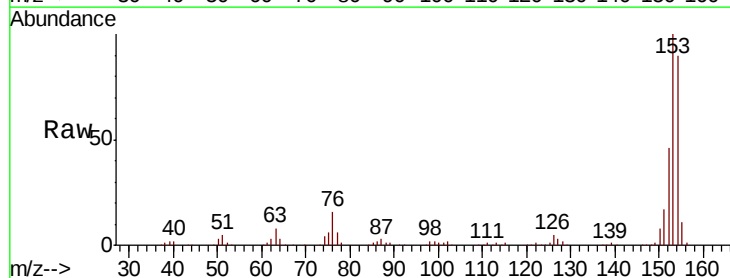
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

Tgt Ion:165 Resp: 95375
 Ion Ratio Lower Upper
 165 100
 63 58.2 47.0 70.6
 89 54.4 45.8 68.8



#52
 Acenaphthene
 Concen: 41.559 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion:154 Resp: 312559
 Ion Ratio Lower Upper
 154 100
 153 111.4 90.1 135.1
 152 51.5 40.9 61.3

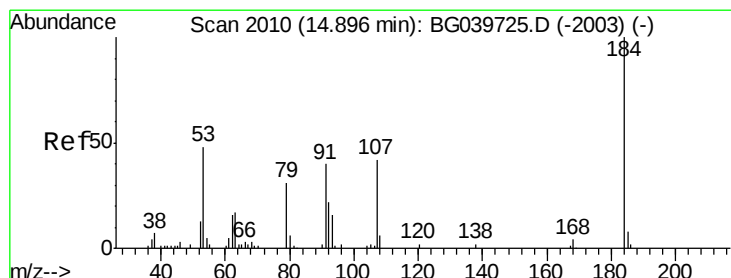
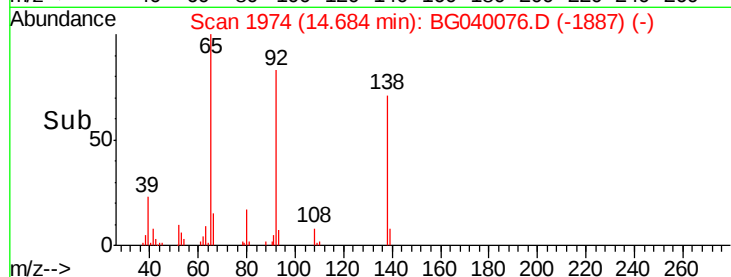
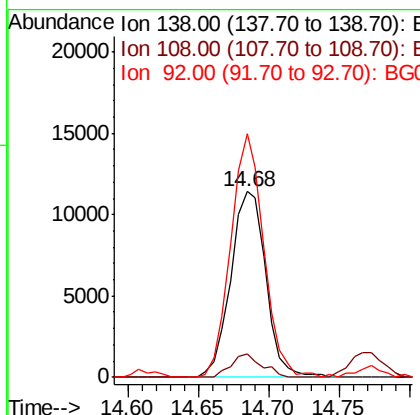
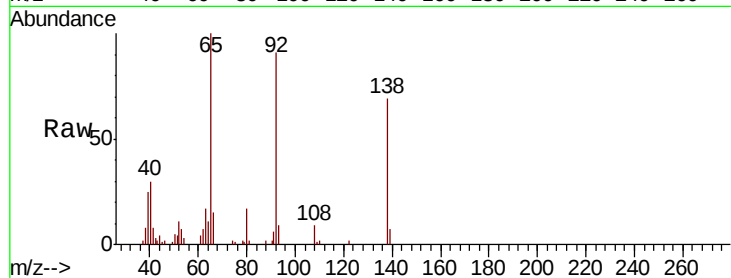




#53
 3-Nitroaniline
 Concen: 8.994 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

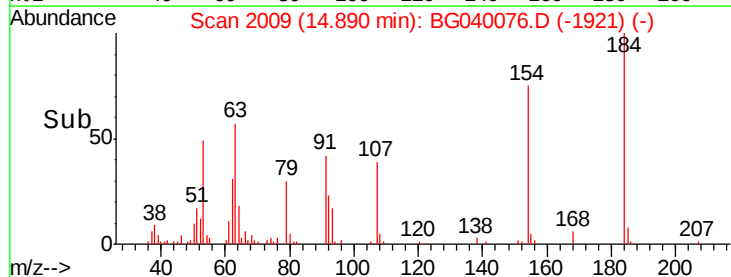
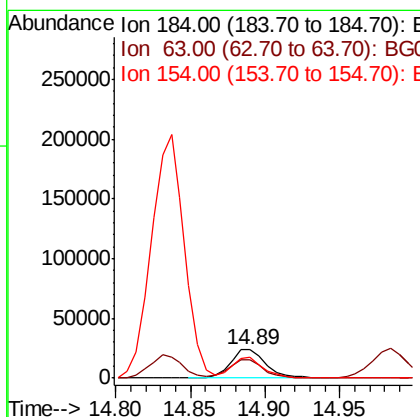
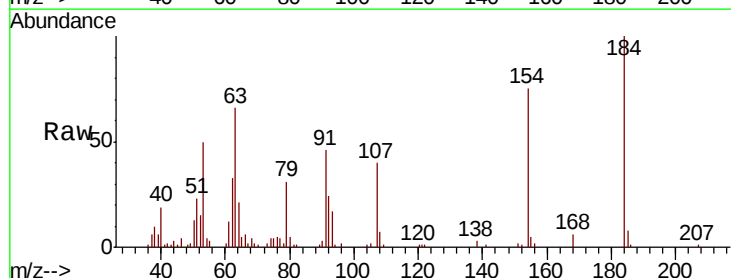
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

Tgt Ion:138 Resp: 19716
 Ion Ratio Lower Upper
 138 100
 108 12.9 13.8 20.8#
 92 131.3 103.7 155.5



#54
 2,4-Dinitrophenol
 Concen: 32.196 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion:184 Resp: 39655
 Ion Ratio Lower Upper
 184 100
 63 66.2 50.9 76.3
 154 75.4 53.0 79.6

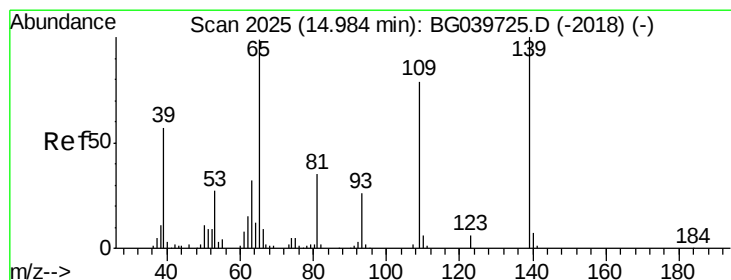
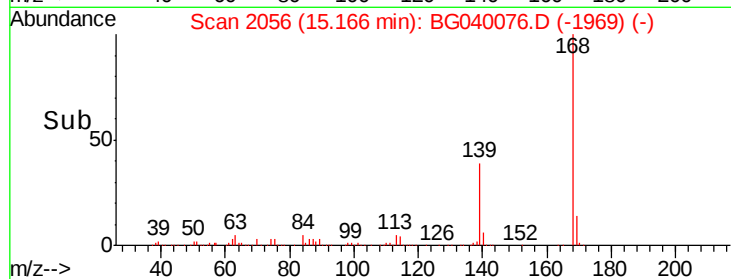
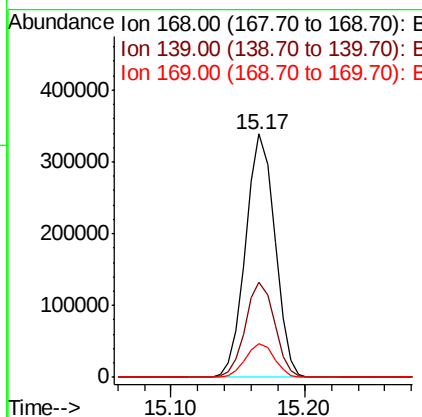
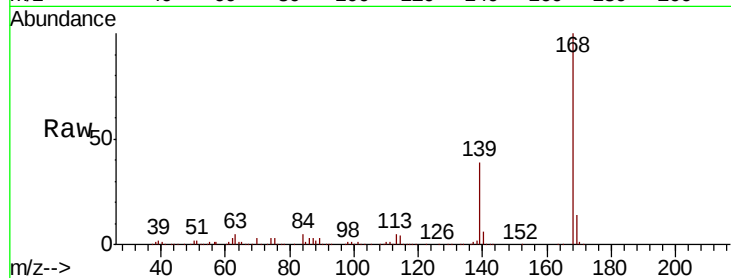




#55
Dibenzenofuran
Concen: 41.473 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

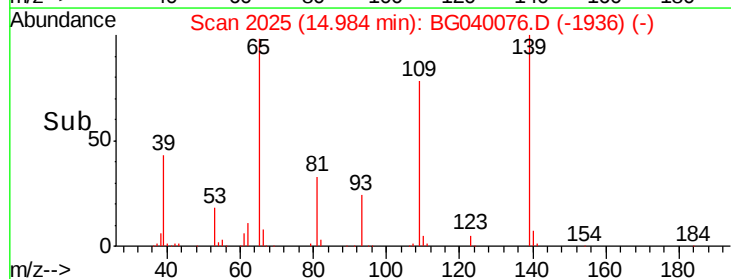
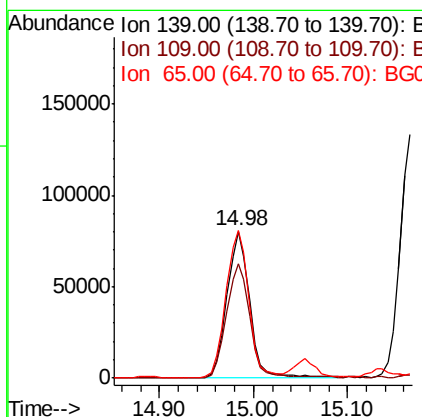
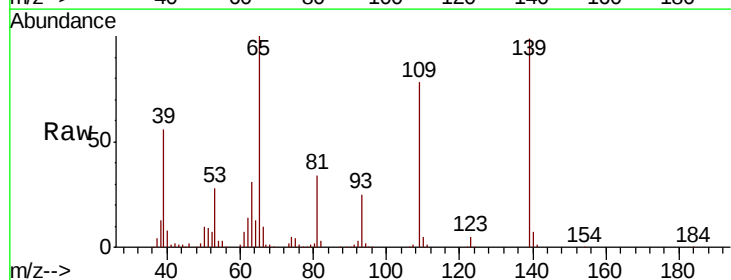
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

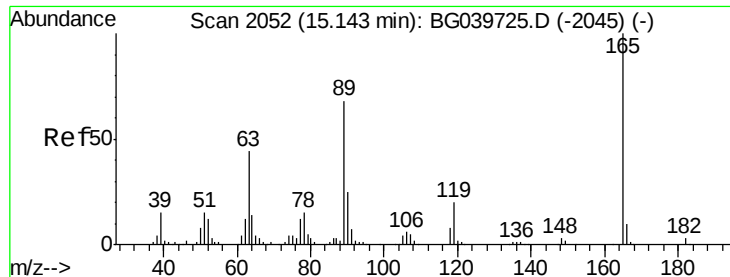
Tgt Ion:168 Resp: 511751
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 68.828 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:139 Resp: 134974
Ion Ratio Lower Upper
139 100
109 78.1 61.9 101.9
65 100.5 99.1 139.1

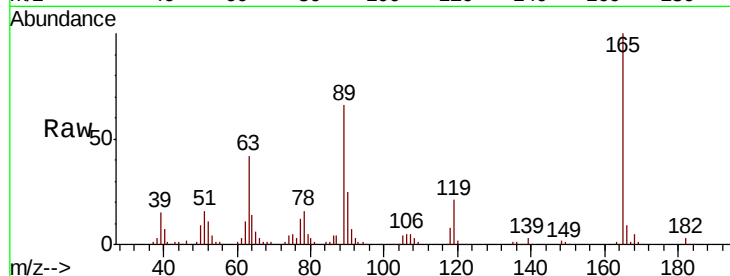




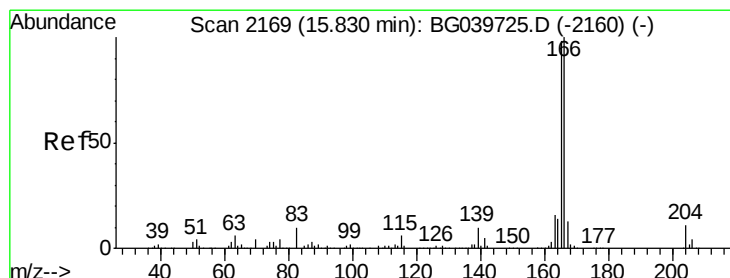
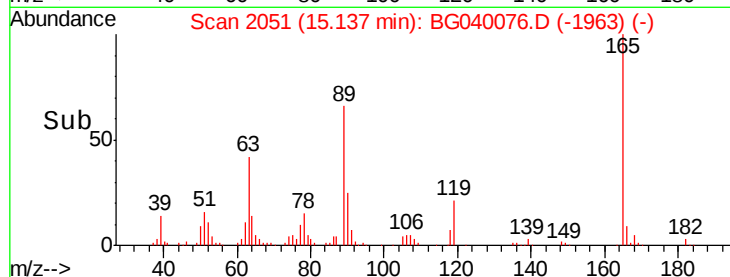
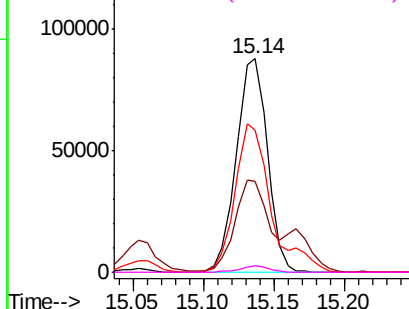
#57
2,4-Dinitrotoluene
Concen: 44.237 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion:	165	Resp:	135554
Ion	Ratio	Lower	Upper
165	100		
63	42.5	41.0	61.6
89	66.3	64.6	96.8
182	3.0	2.0	3.0

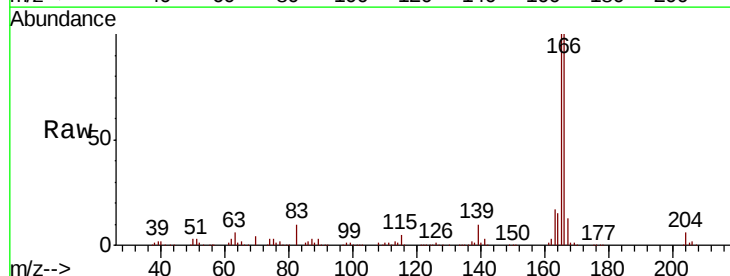


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

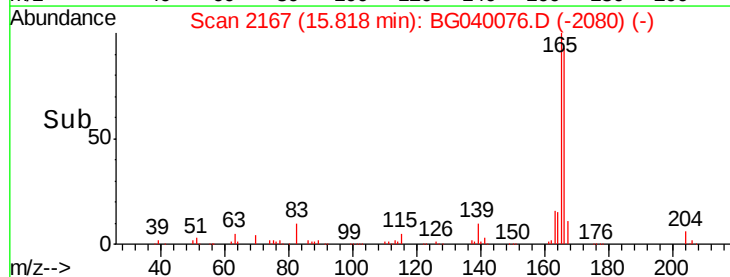
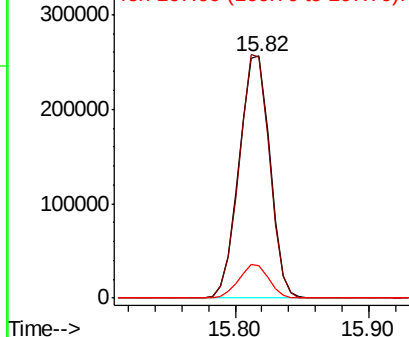


#58
Fluorene
Concen: 42.153 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:	166	Resp:	408900
Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.9	116.9
167	13.3	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

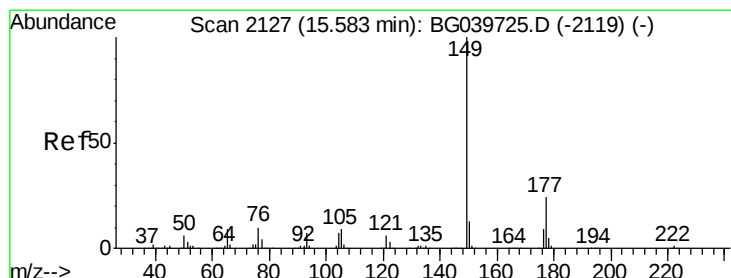
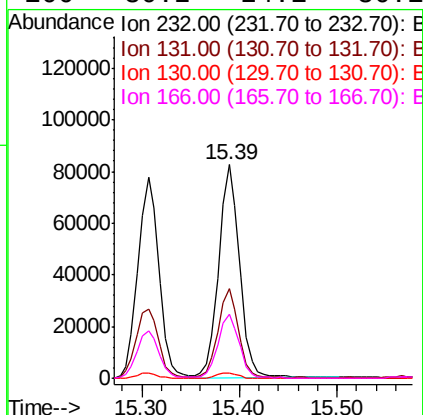
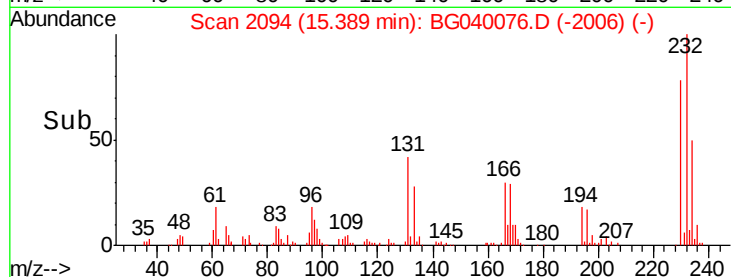
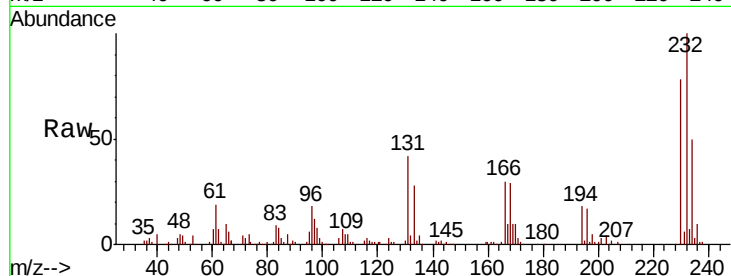




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.965 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

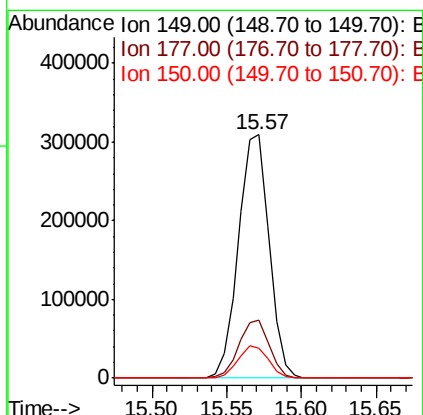
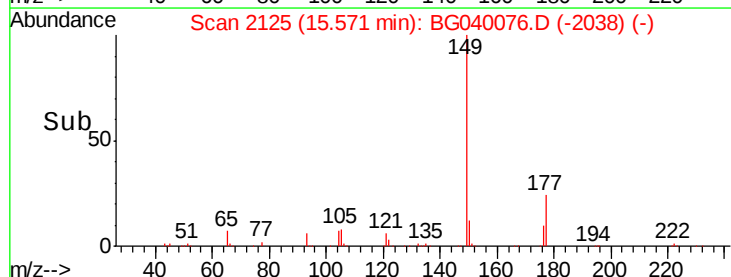
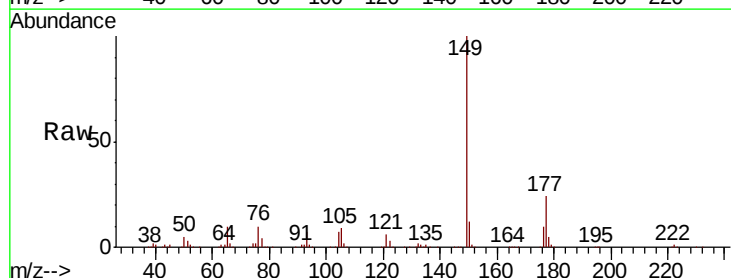
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

Tgt Ion:	232	Resp:	123461
Ion	Ratio	Lower	Upper
232	100		
131	40.7	34.9	52.3
130	2.4	2.0	3.0
166	30.2	24.1	36.1



#60
 Diethylphthalate
 Concen: 43.300 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion:	149	Resp:	440936
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.5	10.2	15.2

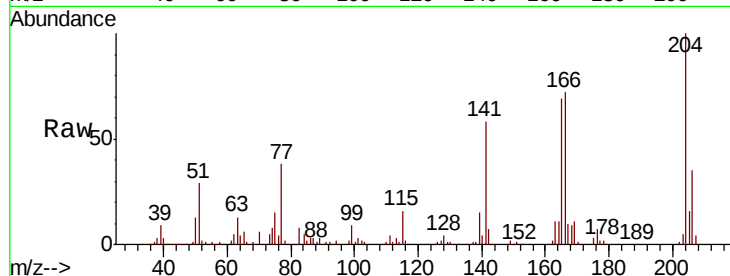




#61
4-Chlorophenyl-phenylether
Concen: 42.032 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	29.2	43.8
141	58.5	49.0	73.4

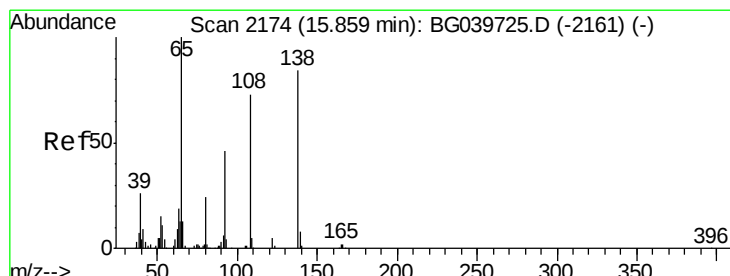
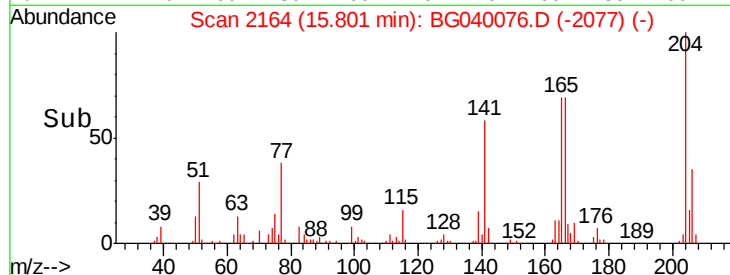
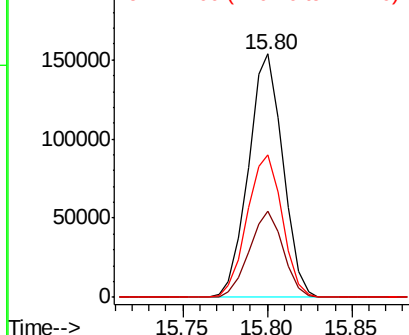


Abundance

Ion 204.00 (203.70 to 204.70): E

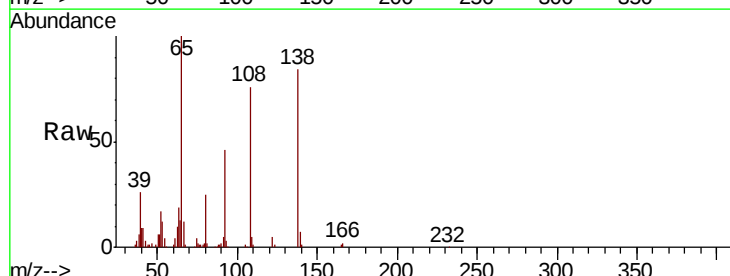
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.815 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	38.7	78.7
108	89.9	74.6	114.6

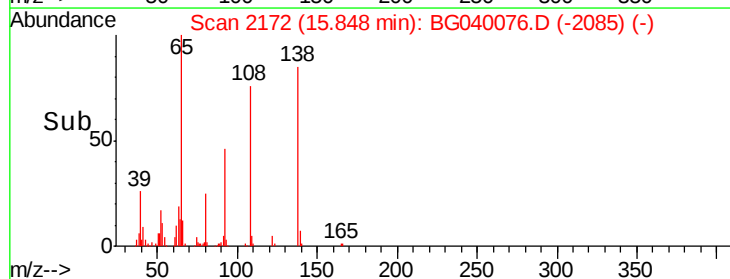
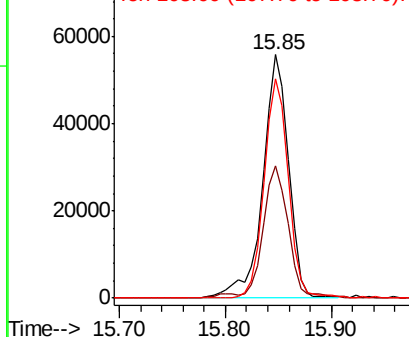


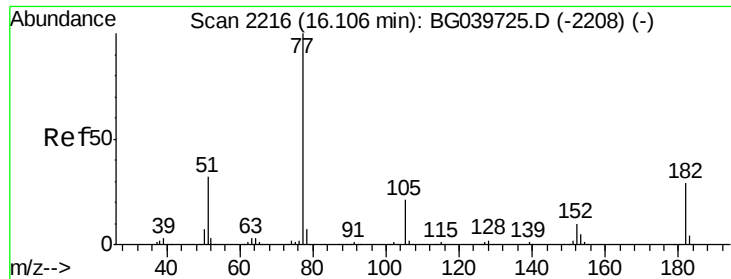
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

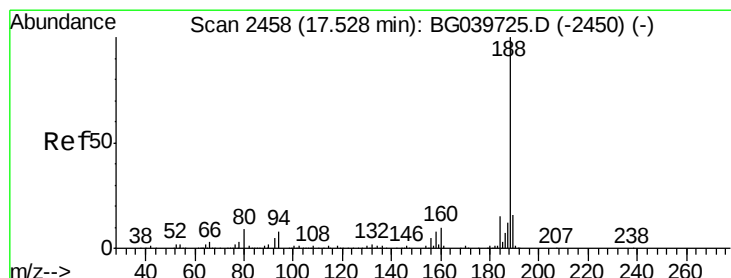
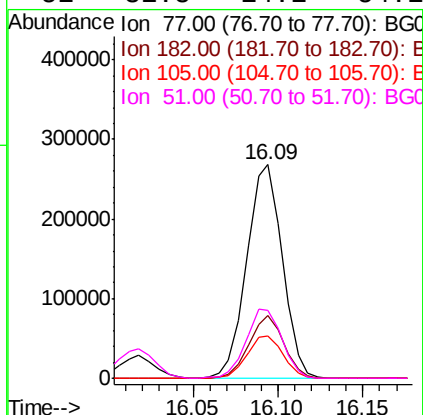
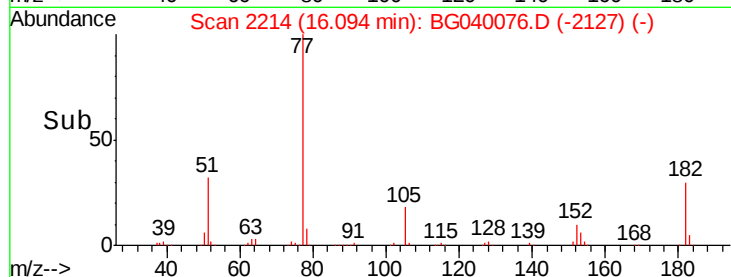
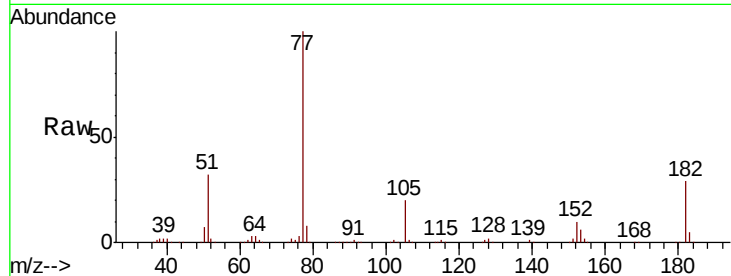




#63
Azobenzene
Concen: 42.674 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

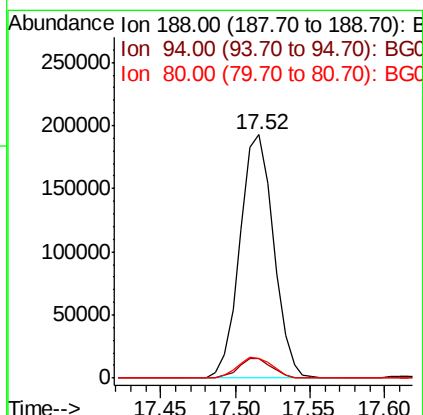
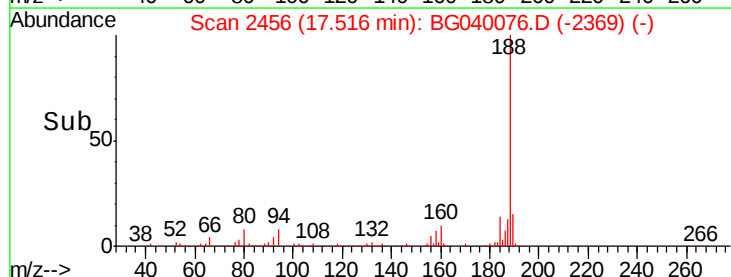
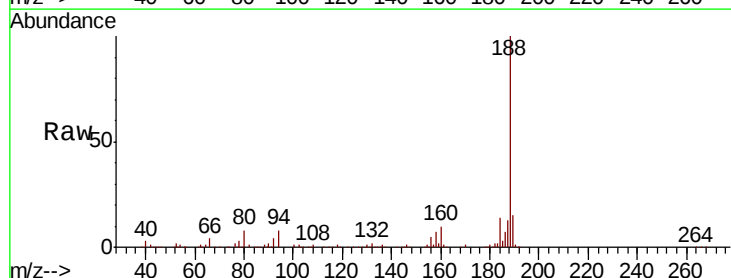
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

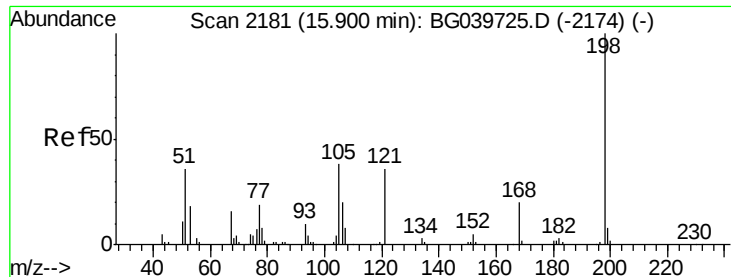
Tgt Ion:	77	Resp:	393920
Ion	Ratio	Lower	Upper
77	100		
182	29.4	6.4	46.4
105	19.9	0.0	39.8
51	31.8	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:	188	Resp:	301996
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.3	8.1	12.1

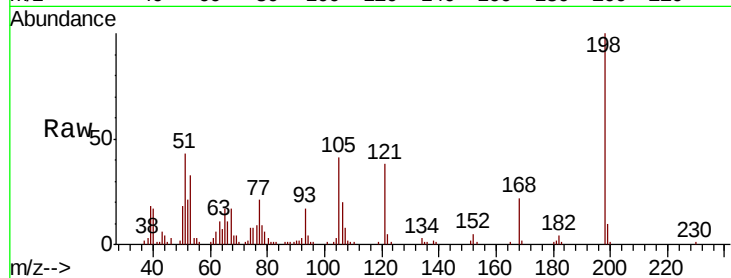




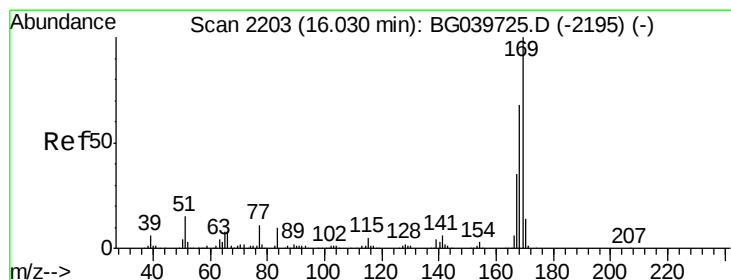
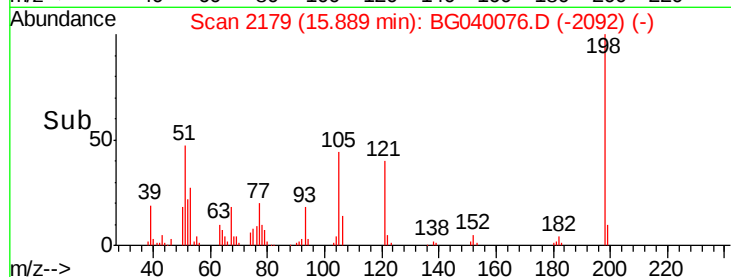
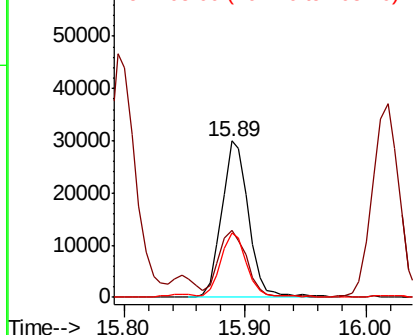
#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.703 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

Tgt Ion:198 Resp: 45895
 Ion Ratio Lower Upper
 198 100
 51 43.2 27.4 67.4
 105 40.9 19.7 59.7

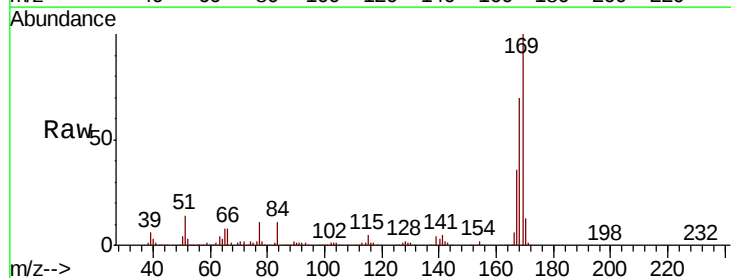


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

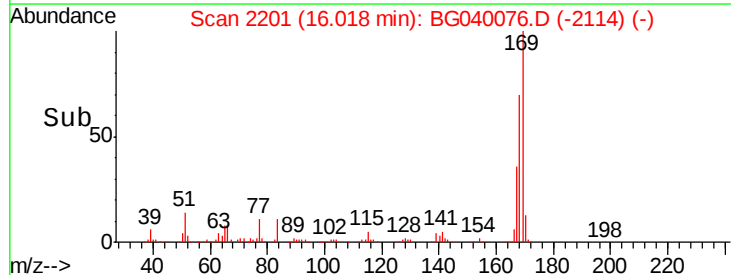
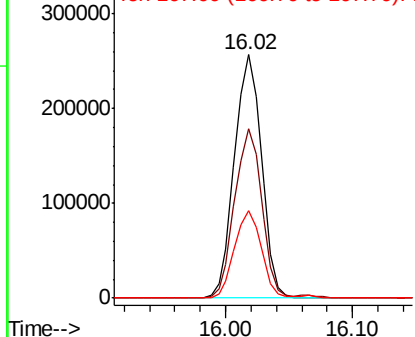


#66
 n-Nitrosodiphenylamine
 Concen: 43.530 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion:169 Resp: 380580
 Ion Ratio Lower Upper
 169 100
 168 69.8 56.6 85.0
 167 36.2 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

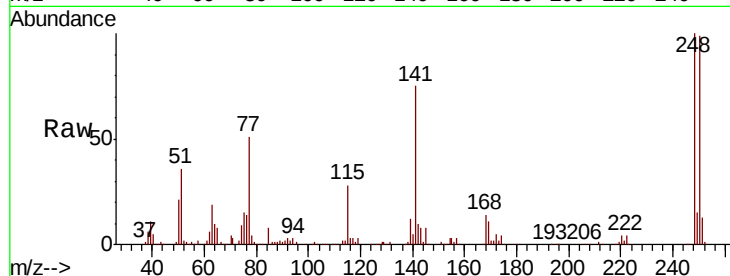




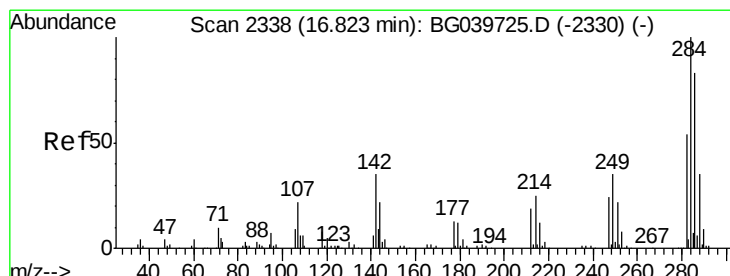
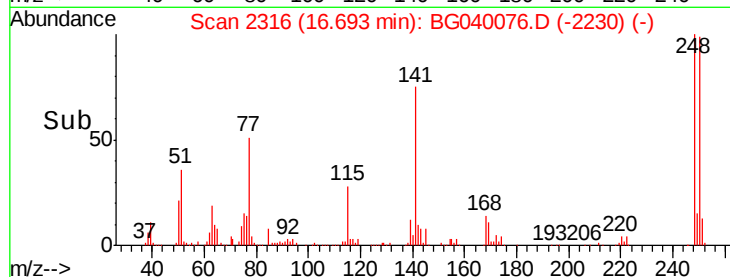
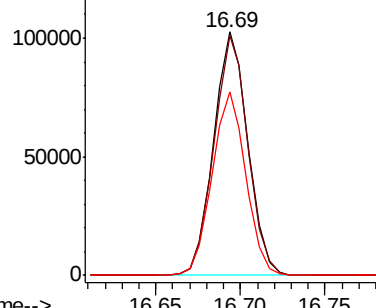
#67
4-Bromophenyl-phenylether
Concen: 42.688 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion:248 Resp: 144302
Ion Ratio Lower Upper
248 100
250 98.6 77.6 116.4
141 75.2 63.9 95.9

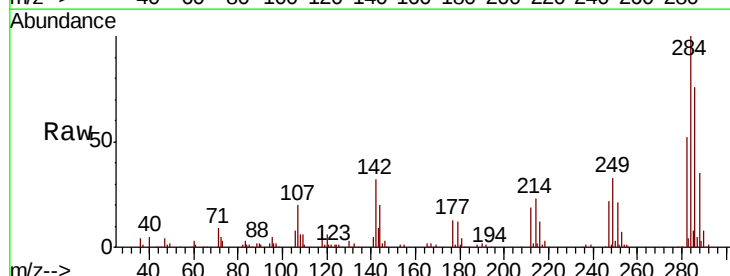


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

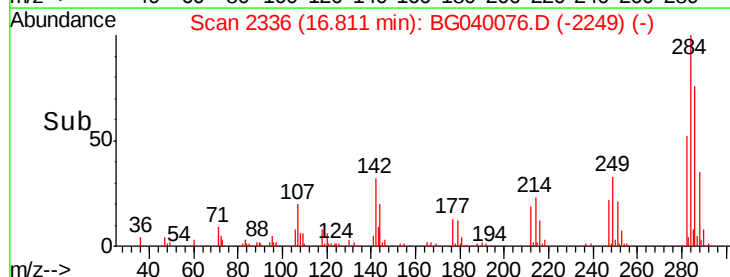
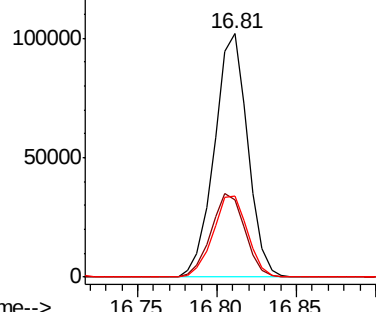


#68
Hexachlorobenzene
Concen: 42.276 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:284 Resp: 148134
Ion Ratio Lower Upper
284 100
142 31.8 30.6 45.8
249 33.2 28.2 42.2



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

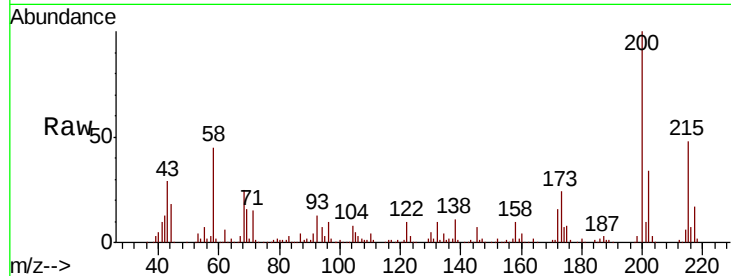




#69
 Atrazine
 Concen: 43.162 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.9	43.9
215	47.6	30.9	70.9

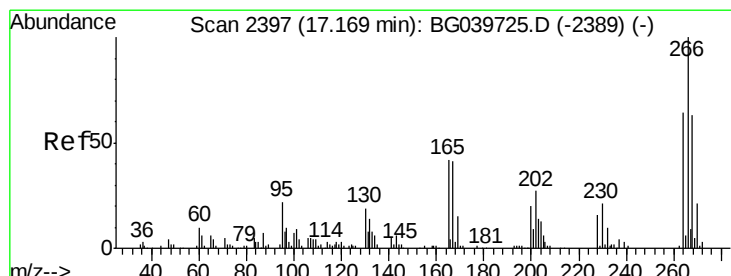
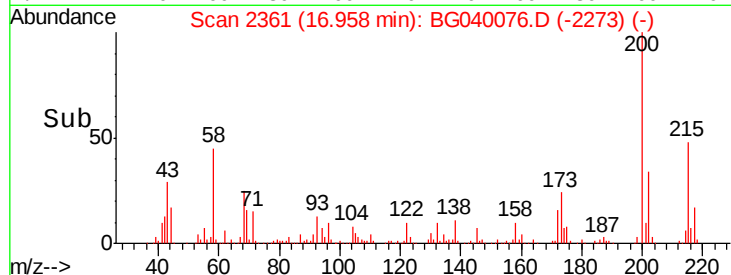
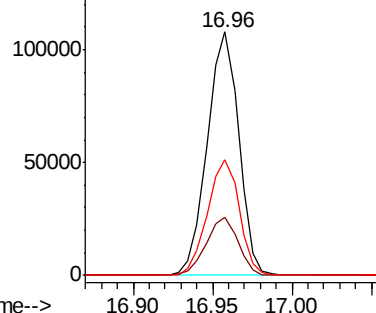


Abundance

Ion 200.00 (199.70 to 200.70): E

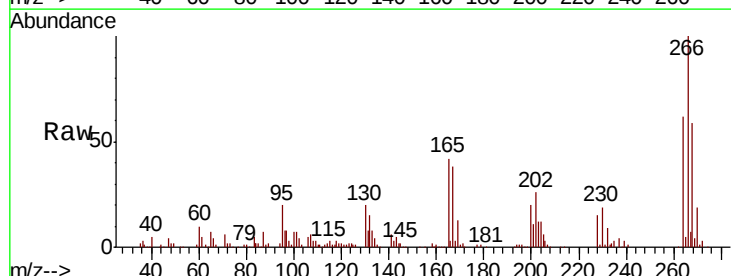
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 62.969 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.9	51.1	76.7
264	62.2	52.1	78.1

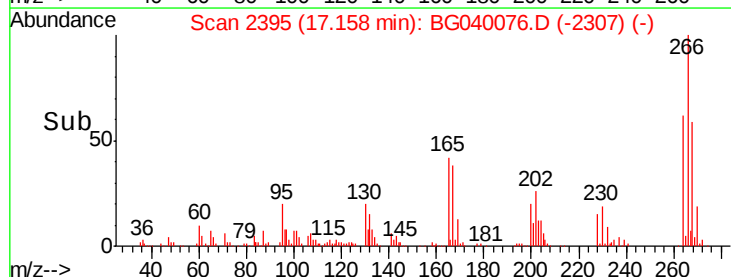
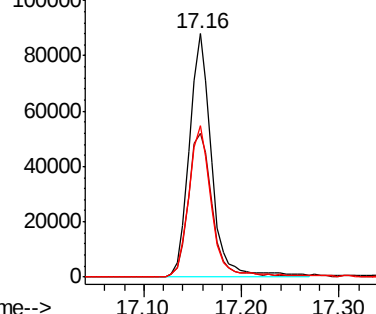


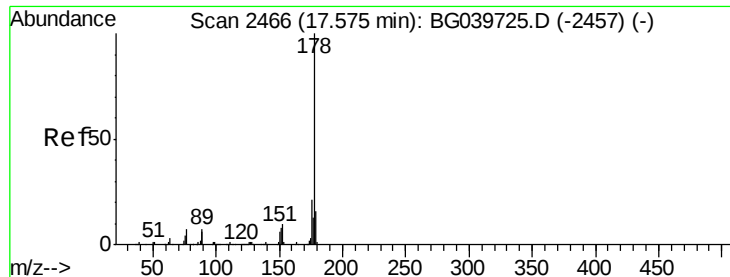
Abundance

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: 41.744 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

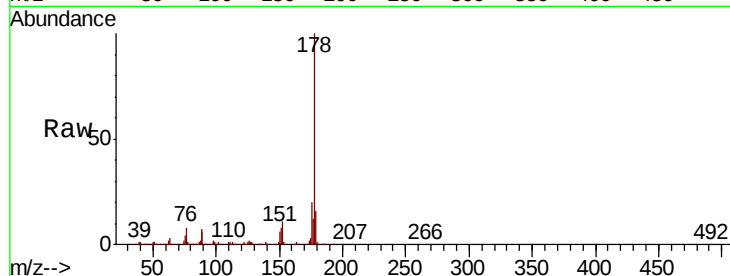
Tgt Ion:178 Resp: 694380

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

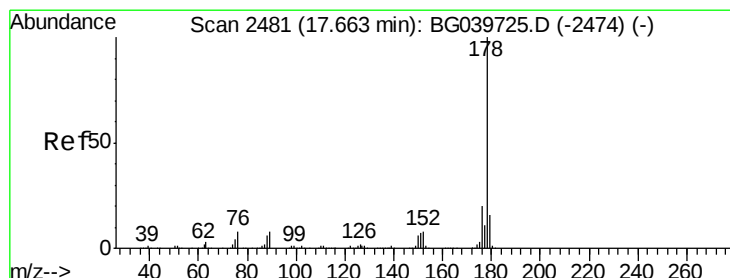
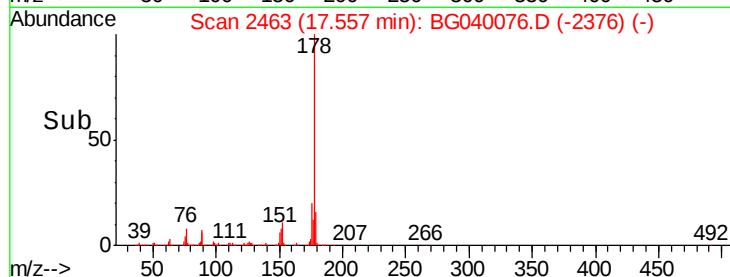
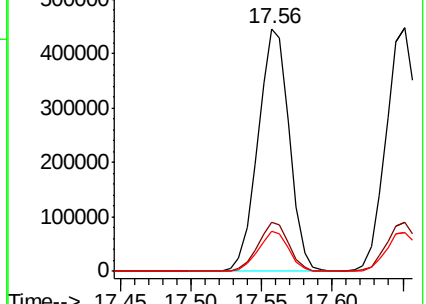
179 16.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.305 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

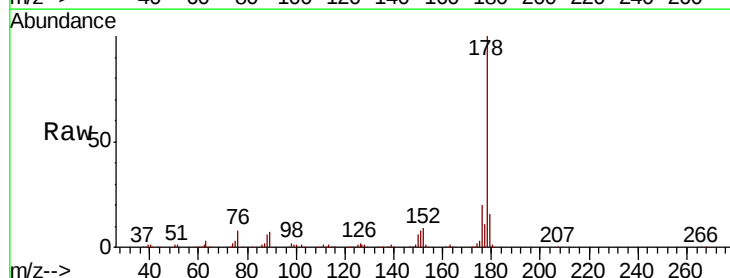
Tgt Ion:178 Resp: 701974

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

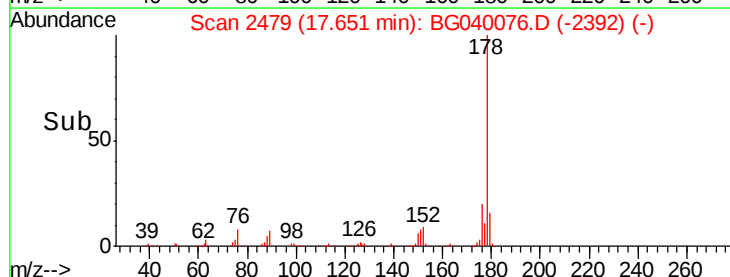
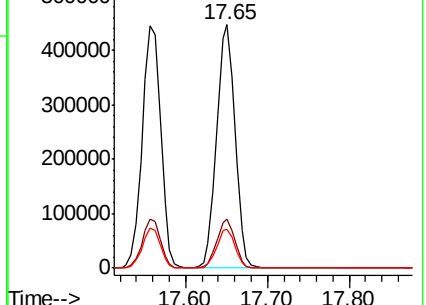
179 16.1 12.5 18.7

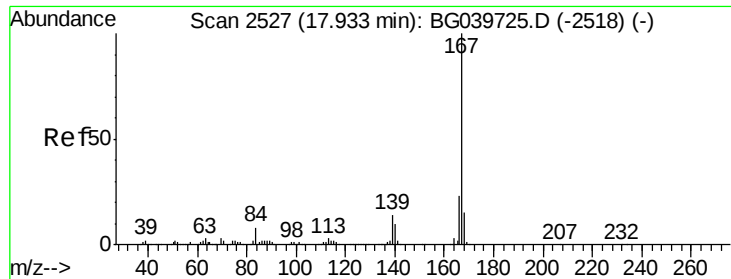


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

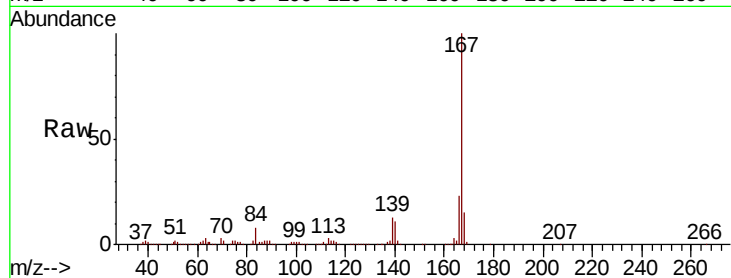




#73
 Carbazole
 Concen: 41.554 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.0	10.8	16.2

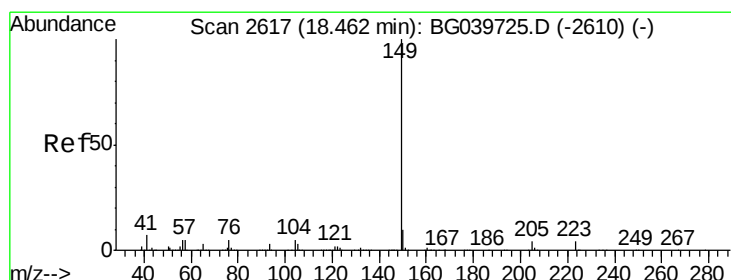
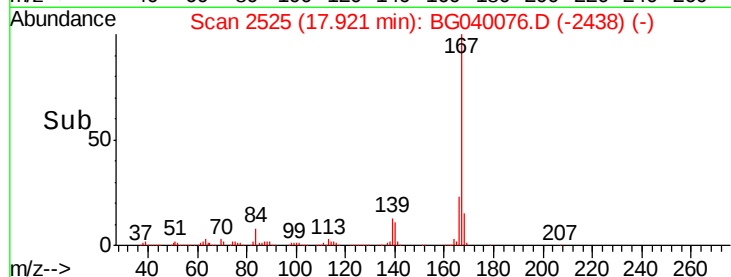
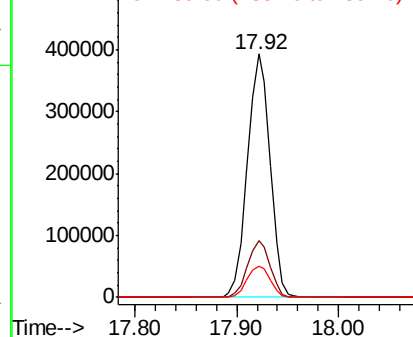


Abundance

Ion 167.00 (166.70 to 167.70): E

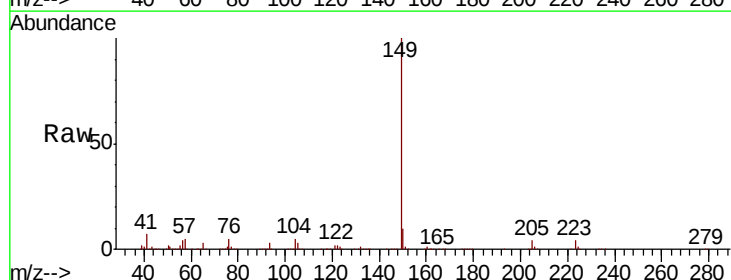
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 43.534 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040076.D
 Acq: 21 Mar 2019 21:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.3	4.5	6.7

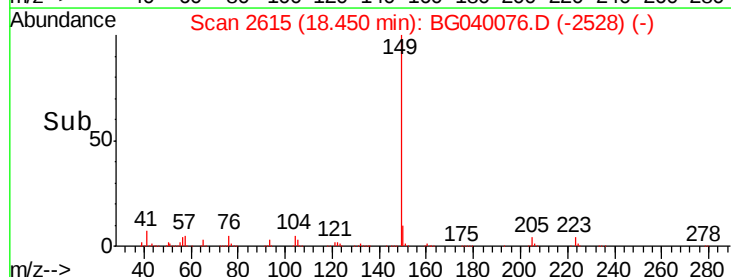
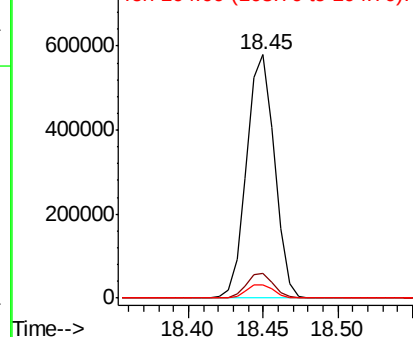


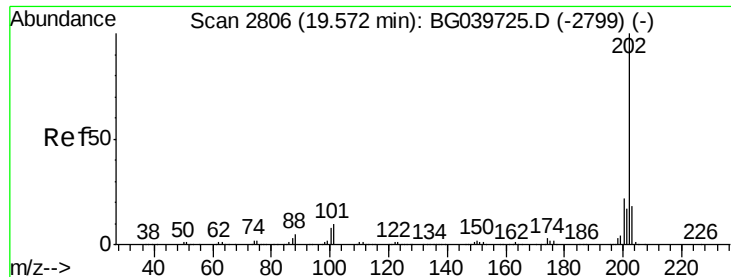
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.294 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

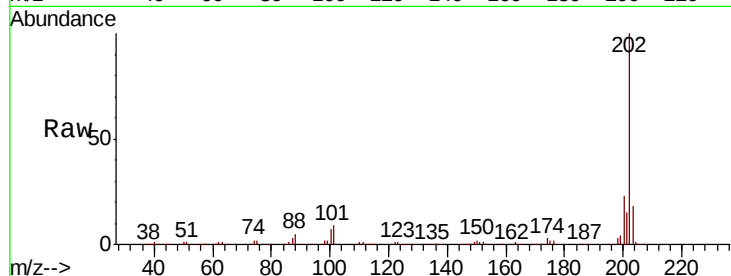
Tgt Ion: 202 Resp: 811798

Ion Ratio Lower Upper

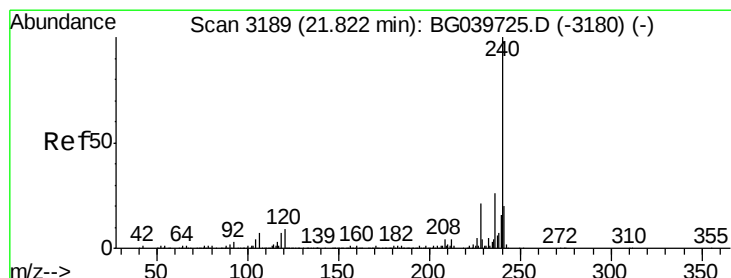
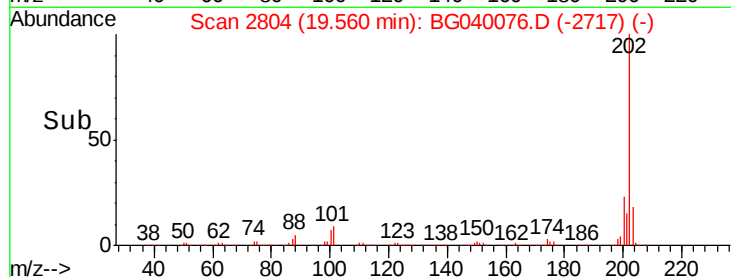
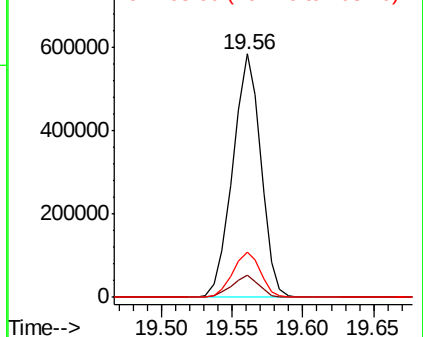
202 100

101 8.9 0.0 30.0

203 18.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

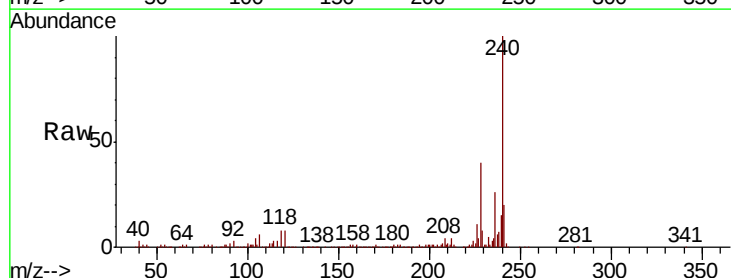
Tgt Ion: 240 Resp: 294737

Ion Ratio Lower Upper

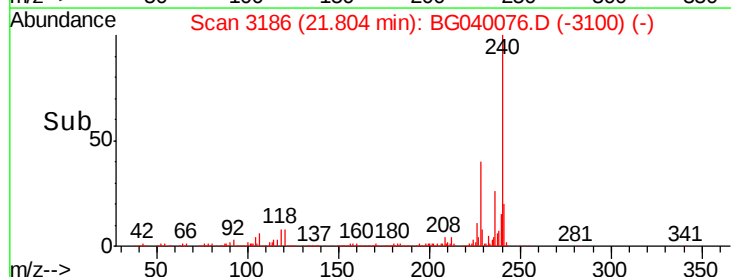
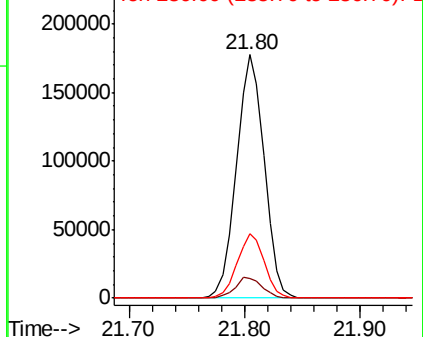
240 100

120 7.9 7.0 10.6

236 26.4 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.006 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

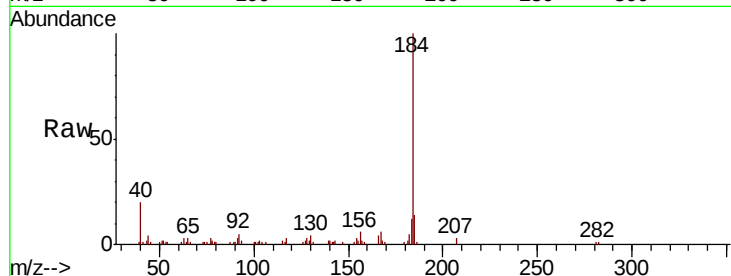
Tgt Ion:184 Resp: 37470

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

183 12.1 10.6 15.8

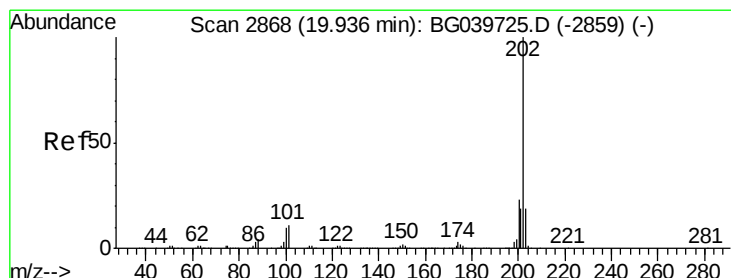
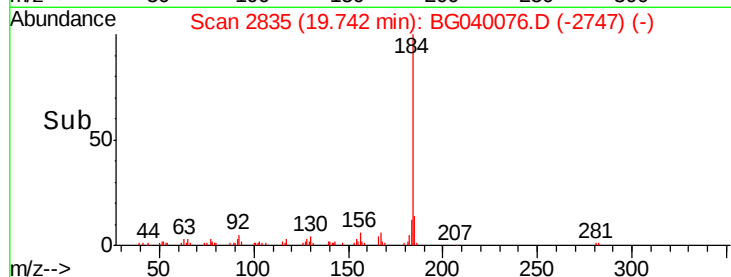
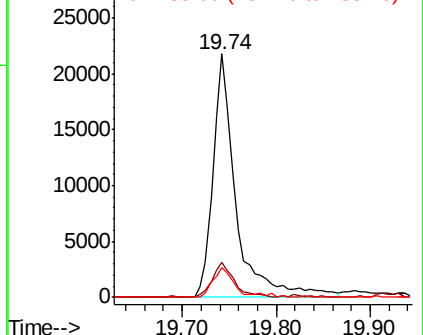


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.713 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

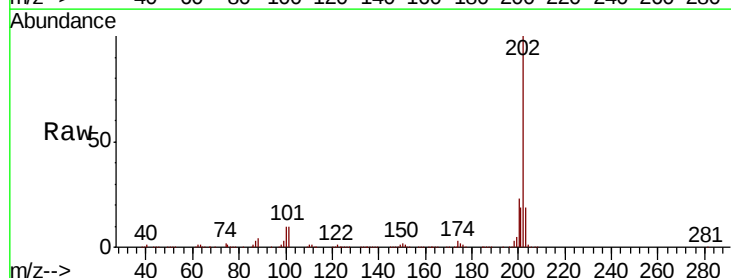
Tgt Ion:202 Resp: 818055

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

203 19.3 15.3 22.9

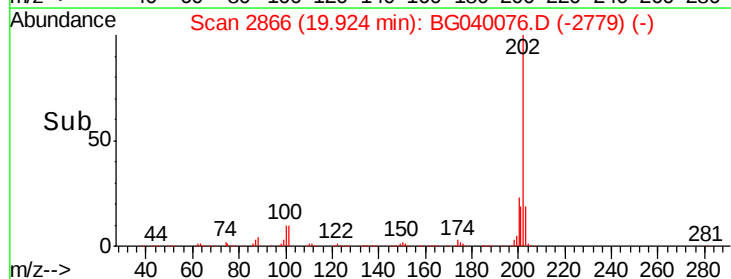
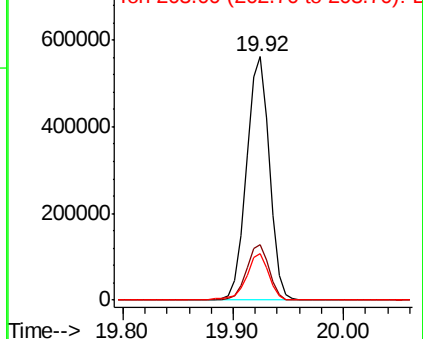


Abundance

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: 87.869 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampled :

DRUM-1-2MS

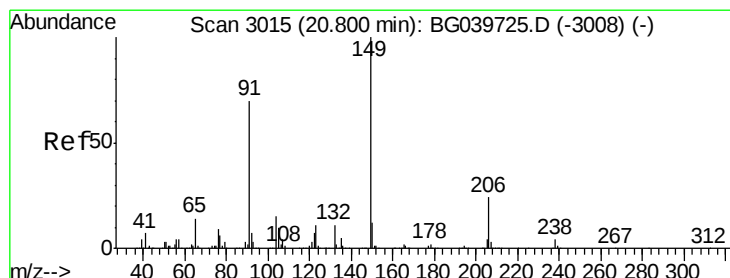
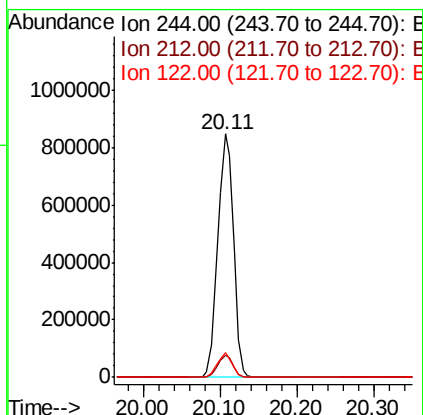
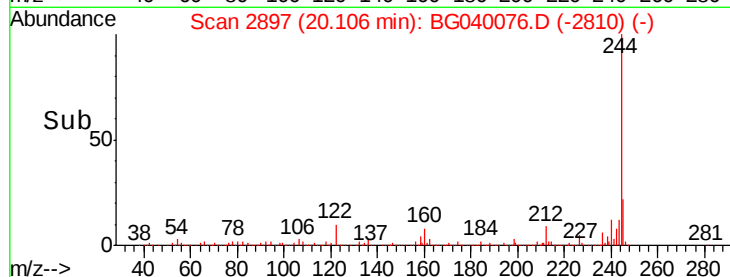
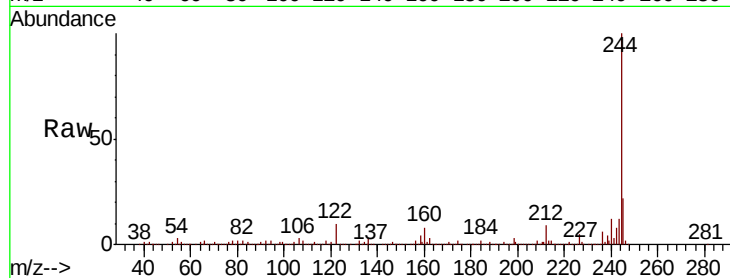
Tgt Ion:244 Resp: 1176223

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

122 9.9 8.4 12.6



#80

Butylbenzylphthalate

Concen: 44.972 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

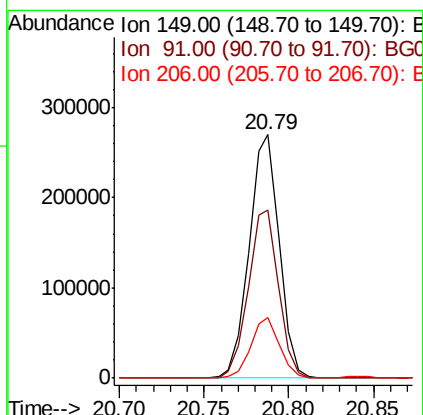
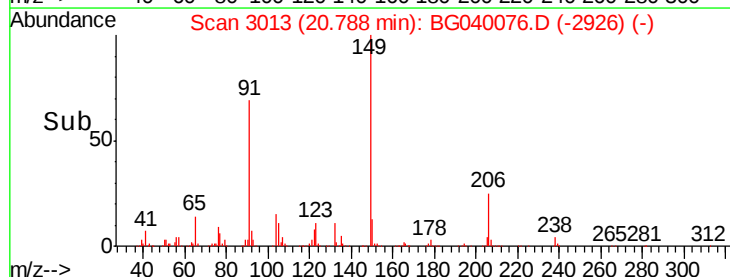
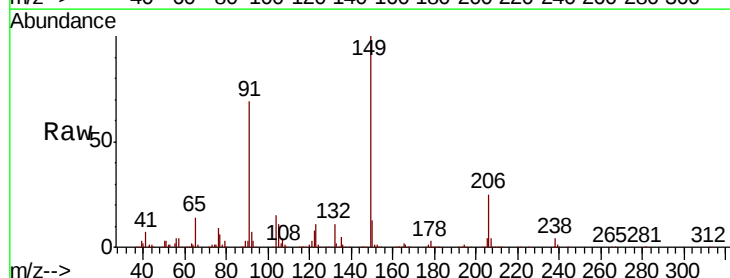
Tgt Ion:149 Resp: 333696

Ion Ratio Lower Upper

149 100

91 69.1 59.5 89.3

206 24.8 18.6 27.8





#81

Benzo(a)anthracene

Concen: 41.144 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

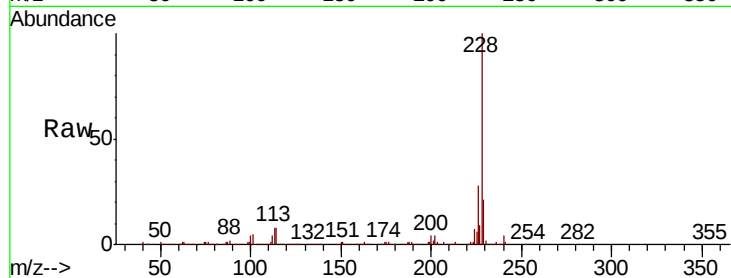
Tgt Ion:228 Resp: 760006

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.6

229 21.1 16.9 25.3

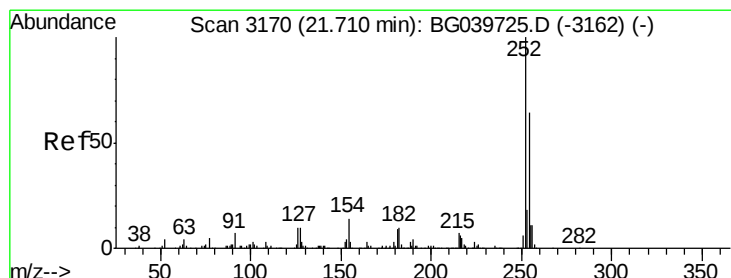
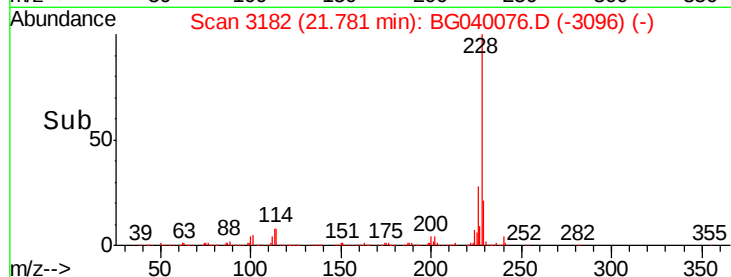
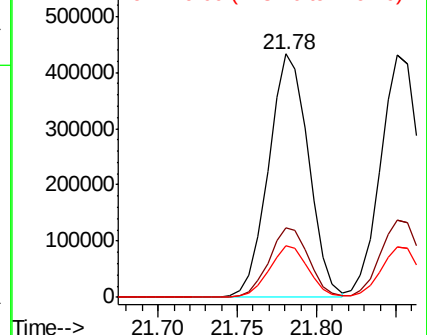


Abundance

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: 11.881 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

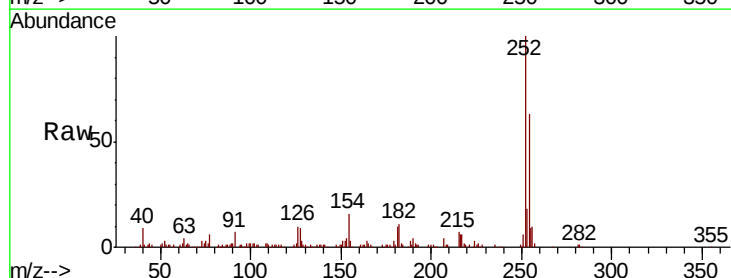
Tgt Ion:252 Resp: 80125

Ion Ratio Lower Upper

252 100

254 63.2 51.3 76.9

126 10.4 8.0 12.0

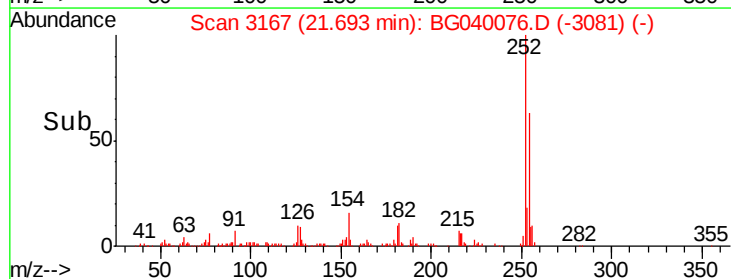
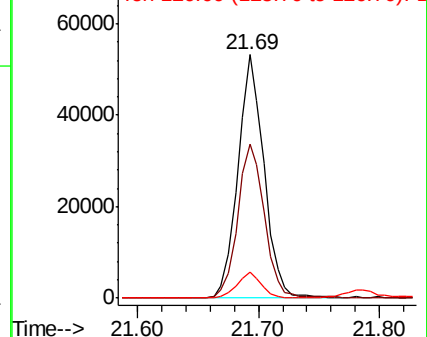


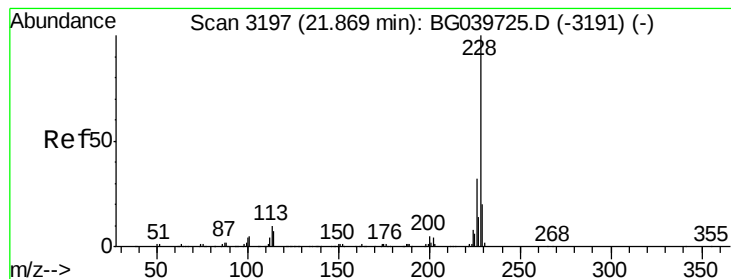
Abundance

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: 40.995 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

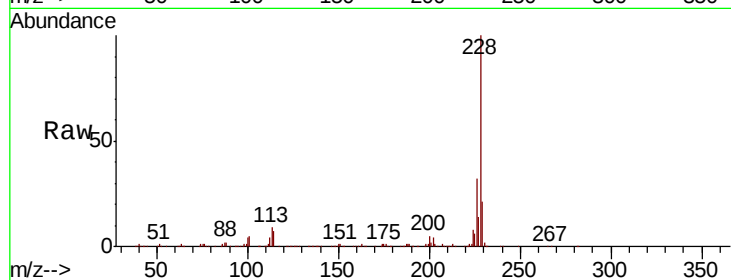
Tgt Ion:228 Resp: 734147

Ion Ratio Lower Upper

228 100

226 31.9 25.8 38.6

229 21.0 16.6 25.0

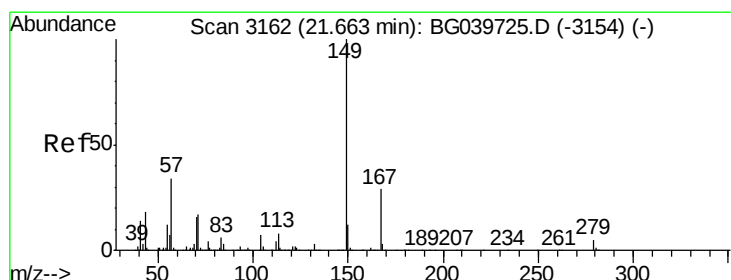
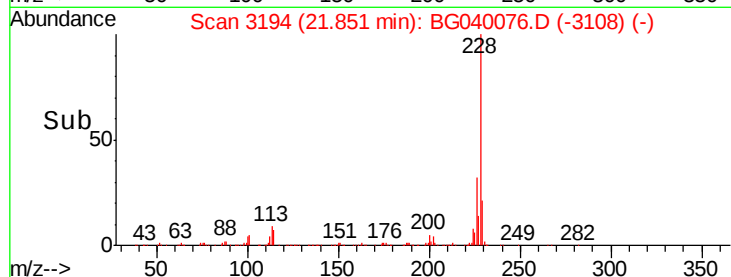
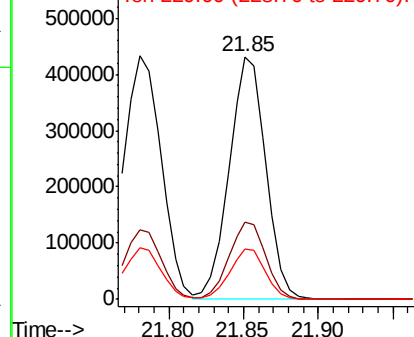


Abundance

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: 44.978 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

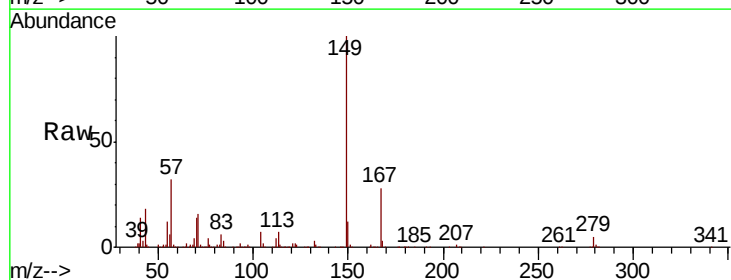
Tgt Ion:149 Resp: 468984

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

279 5.0 3.5 5.3

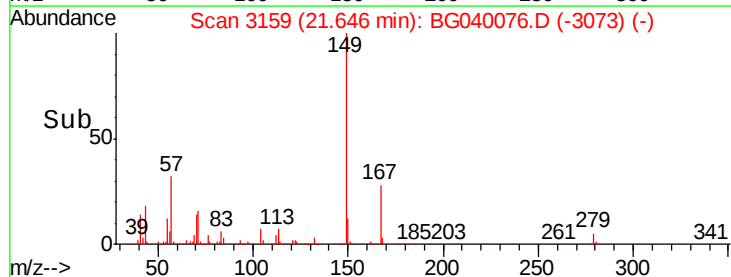
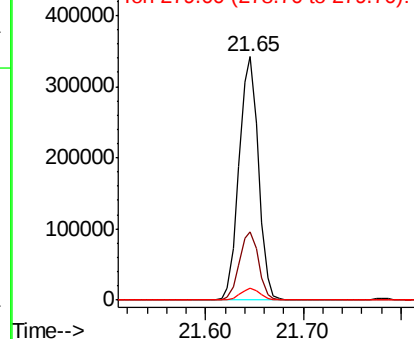


Abundance

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: 45.755 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MS

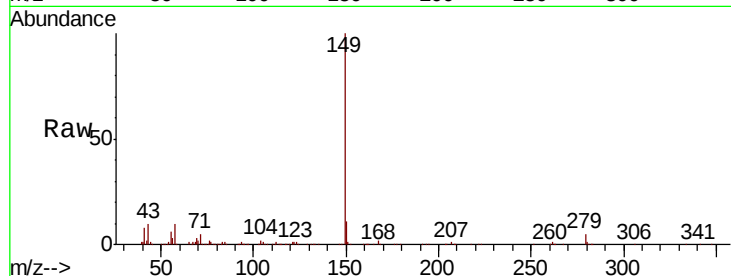
Tgt Ion:149 Resp: 789940

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

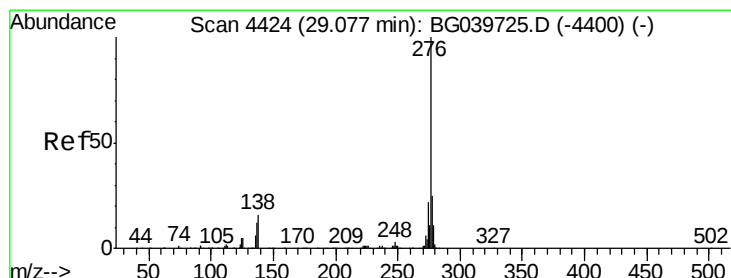
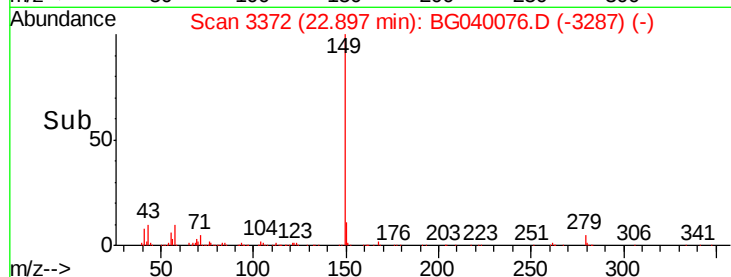
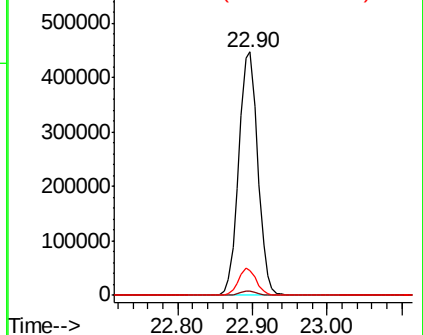
43 10.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.516 ng

RT: 29.03 min Scan# 4416

Delta R.T. -0.06 min

Lab File: BG040076.D

Acq: 21 Mar 2019 21:50

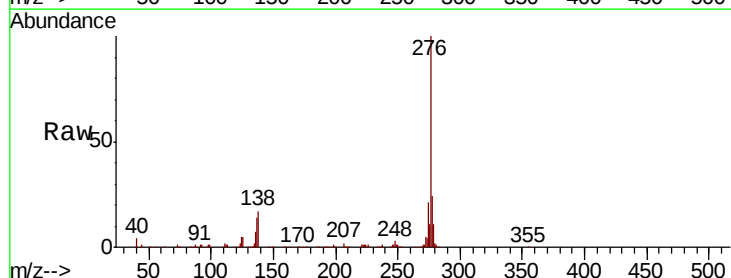
Tgt Ion:276 Resp: 884067

Ion Ratio Lower Upper

276 100

138 14.7 12.6 19.0

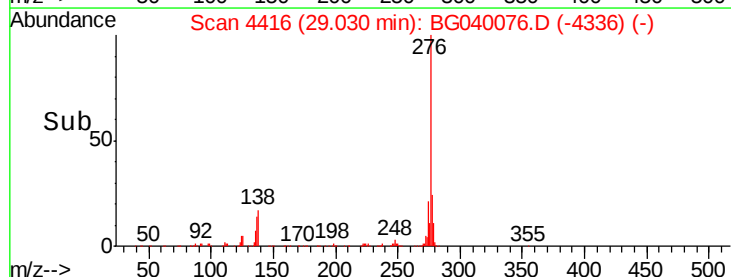
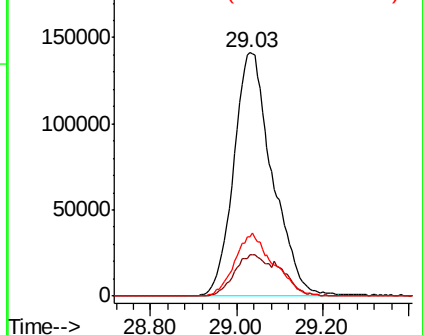
277 25.9 20.8 31.2

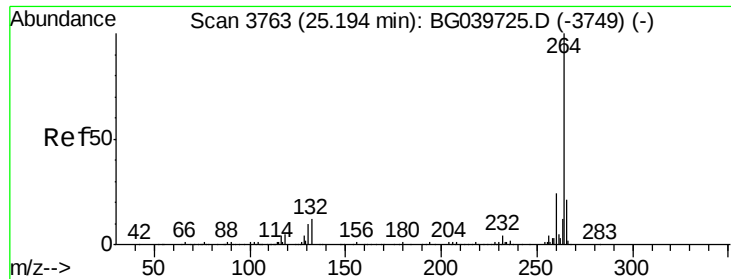


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

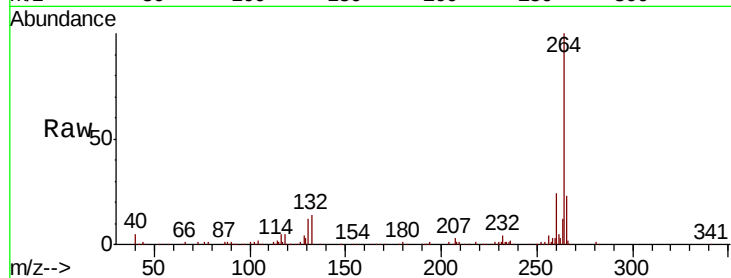




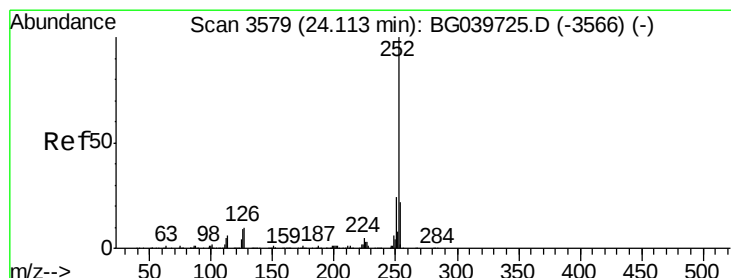
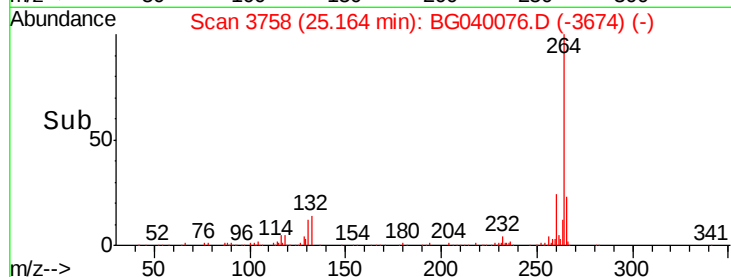
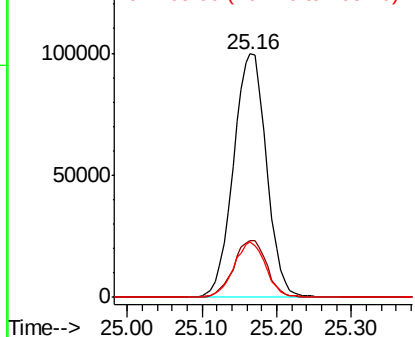
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion:264 Resp: 306345
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 22.5 18.5 27.7

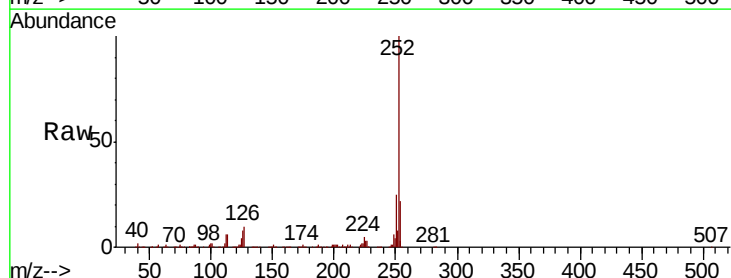


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

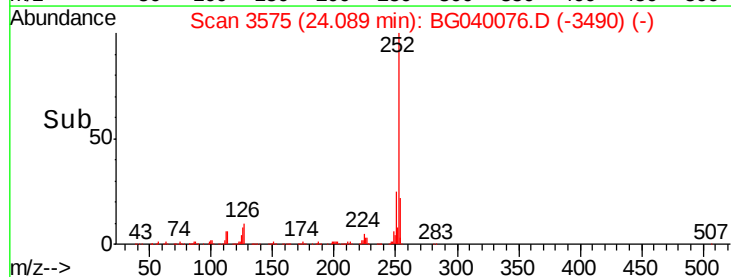
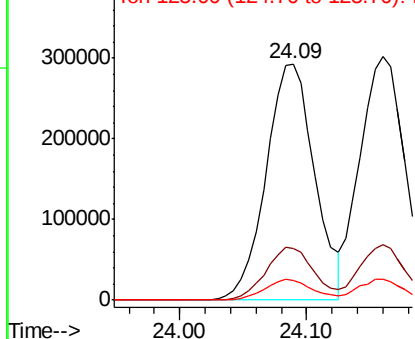


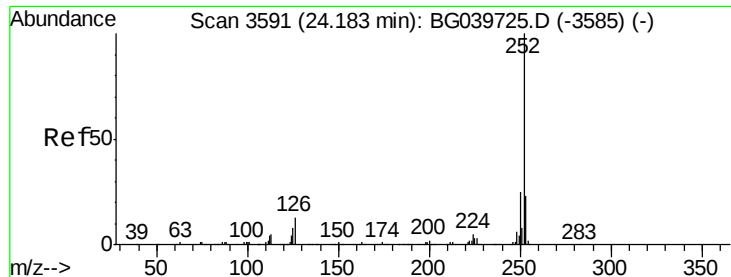
#88
Benzo(b)fluoranthene
Concen: 42.725 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion:252 Resp: 780493
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.2 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

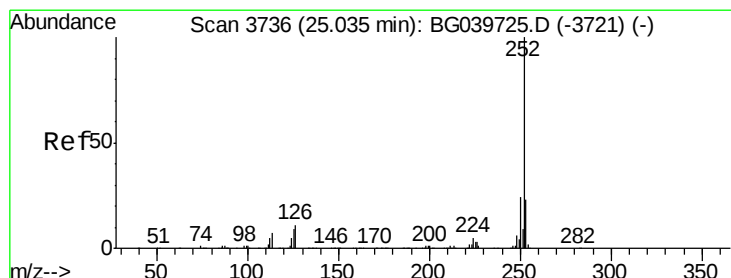
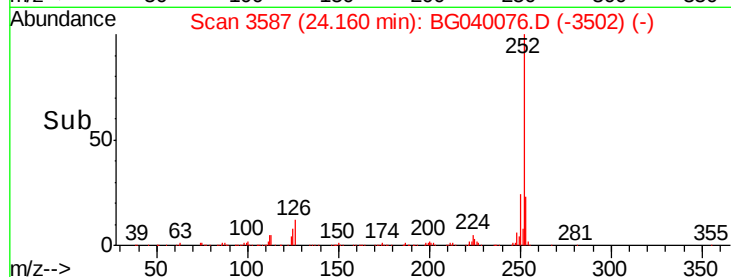
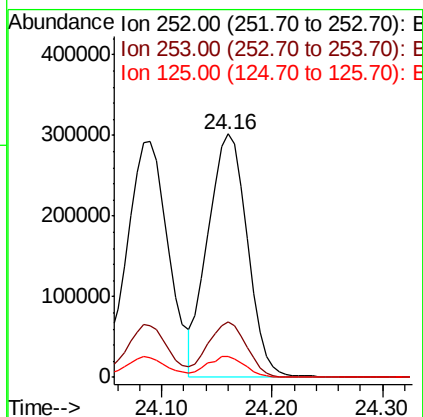
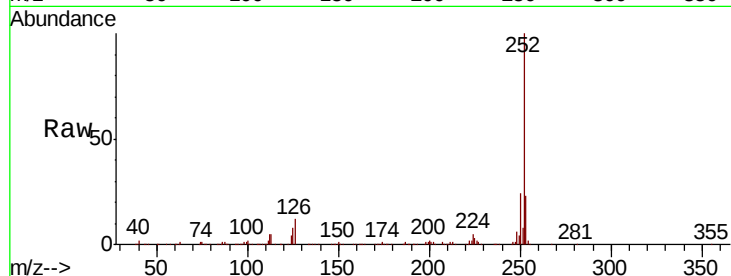




#89
Benzo(k)fluoranthene
Concen: 43.657 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

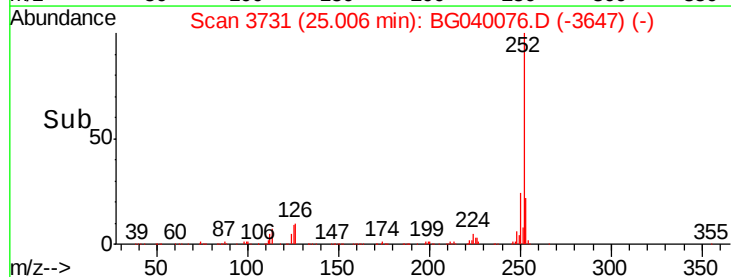
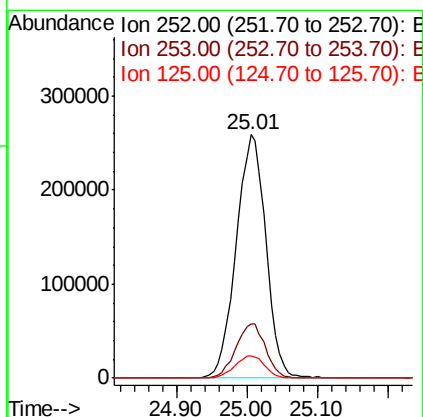
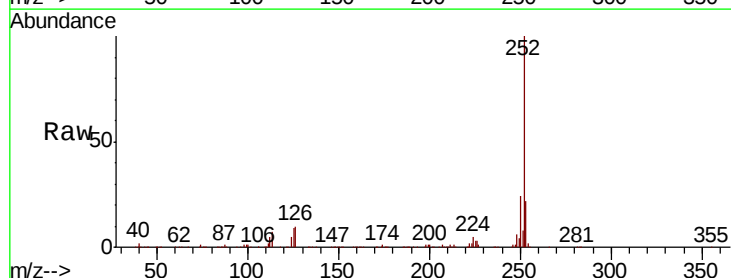
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion: 252 Resp: 742382
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.836 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion: 252 Resp: 756863
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.3 8.3 12.5

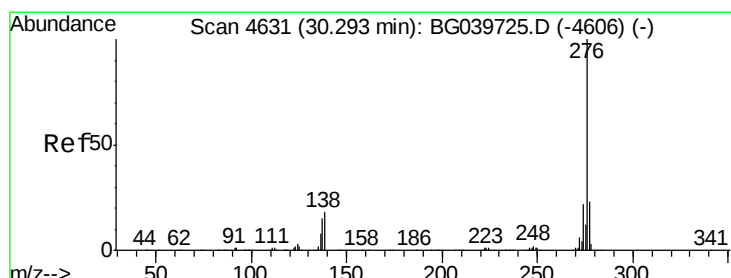
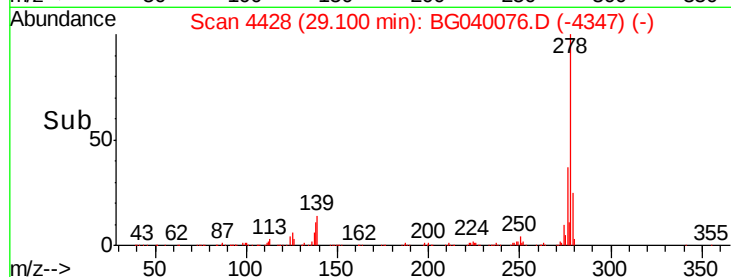
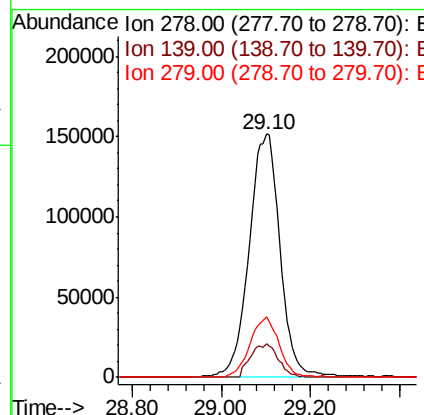
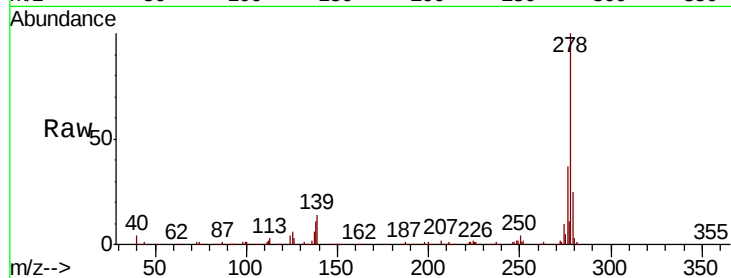




#91
Dibenzo(a,h)anthracene
Concen: 43.541 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.7	17.5
279	24.7	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 43.857 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040076.D
Acq: 21 Mar 2019 21:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	17.0	14.7	22.1

