

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041220.D
 Acq On : 12 Jun 2019 23:56
 Operator : HP/JU
 Sample : K3299-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Quant Time: Jun 13 05:39:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42538	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	171162	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123013	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	300027	20.00	ng	0.00
76) Chrysene-d12	21.76	240	302263	20.00	ng	0.00
87) Perylene-d12	25.09	264	319533	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	86324	36.59	ng	0.00
7) Phenol-d6	7.25	99	77468	21.26	ng	0.00
23) Nitrobenzene-d5	9.29	82	316102	81.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	154689	84.70	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	681277	79.76	ng	0.00
79) Terphenyl-d14	20.07	244	1091548	76.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	13535	12.644	ng	# 87
3) Pyridine	3.92	79	35812	11.306	ng	95
4) n-Nitrosodimethylamine	3.84	42	24309	16.536	ng	# 77
6) Aniline	7.43	93	23946	4.924	ng	92
8) 2-Chlorophenol	7.67	128	84892	30.185	ng	98
9) Benzaldehyde	7.24	77	35099	16.150	ng	85
10) Phenol	7.28	94	46290	11.850	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	98573	34.784	ng	95
12) 1,3-Dichlorobenzene	7.99	146	119696	35.634	ng	97
13) 1,4-Dichlorobenzene	8.14	146	121230	35.655	ng	95
14) 1,2-Dichlorobenzene	8.46	146	117092	35.469	ng	97
15) Benzyl Alcohol	8.35	79	110420	32.764	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	150720	32.548	ng	97
17) 2-Methylphenol	8.54	107	65591	23.191	ng	98
18) Hexachloroethane	9.19	117	47844	36.510	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	95112	33.924	ng	98
20) 3+4-Methylphenols	8.87	107	84989	21.693	ng	99
22) Acetophenone	8.93	105	183537	38.226	ng	# 98
24) Nitrobenzene	9.33	77	163079	41.505	ng	97
25) Isophorone	9.84	82	263190	35.870	ng	99
26) 2-Nitrophenol	10.04	139	63592	39.259	ng	92
27) 2,4-Dimethylphenol	10.08	122	90384	33.786	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	136597	34.493	ng	96
29) 2,4-Dichlorophenol	10.57	162	121106	35.649	ng	92
30) 1,2,4-Trichlorobenzene	10.79	180	144205	37.315	ng	95
31) Naphthalene	10.98	128	359127	39.079	ng	99
32) Benzoic acid	10.21	122	42790	25.217	ng	98
33) 4-Chloroaniline	11.09	127	22522	5.282	ng	96
34) Hexachlorobutadiene	11.24	225	105008	35.512	ng	95
35) Caprolactam	11.89	113	6922	6.170	ng	95
36) 4-Chloro-3-methylphenol	12.20	107	124653	32.129	ng	98
37) 2-Methylnaphthalene	12.57	142	266575	37.663	ng	98
38) 1-Methylnaphthalene	12.79	142	256004	38.383	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	200167	40.372	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	210082	78.945	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	124156	38.709	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	129811	38.375	ng	98
46) 1,1'-Biphenyl	13.57	154	367254	40.332	ng	99
47) 2-Chloronaphthalene	13.62	162	302369	38.681	ng	97
48) 2-Nitroaniline	13.83	65	101752	36.284	ng	99
49) Acenaphthylene	14.46	152	466464	39.648	ng	99
50) Dimethylphthalate	14.19	163	428196	41.121	ng	99
51) 2,6-Dinitrotoluene	14.32	165	86933	38.720	ng	97
52) Acenaphthene	14.80	154	274695	38.541	ng	97
53) 3-Nitroaniline	14.65	138	26212	11.675	ng	# 99
54) 2,4-Dinitrophenol	14.86	184	108544	88.625	ng	94
55) Dibenzofuran	15.13	168	478409	39.892	ng	97
56) 4-Nitrophenol	14.96	139	42880	27.846	ng	89
57) 2,4-Dinitrotoluene	15.10	165	126103	39.762	ng	97
58) Fluorene	15.78	166	372963	39.050	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135891	40.878	ng	99
60) Diethylphthalate	15.53	149	400766	37.713	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	238491	38.418	ng	95
62) 4-Nitroaniline	15.81	138	54634	22.986	ng	92
63) Azobenzene	16.06	77	377641	39.099	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	74657	46.716	ng	98
66) n-Nitrosodiphenylamine	15.98	169	339634	40.269	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	155578	38.424	ng	95
68) Hexachlorobenzene	16.77	284	162616	37.717	ng	99
69) Atrazine	16.93	200	137375	42.213	ng	97
70) Pentachlorophenol	17.12	266	196921	84.979	ng	96
71) Phenanthrene	17.52	178	627319	40.141	ng	99
72) Anthracene	17.61	178	633933	41.129	ng	100
73) Carbazole	17.89	167	553298	41.836	ng	99
74) Di-n-butylphthalate	18.42	149	719192	43.753	ng	99
75) Fluoranthene	19.53	202	804663	41.686	ng	99
78) Pyrene	19.89	202	803910	40.913	ng	99
80) Butylbenzylphthalate	20.76	149	305245	39.919	ng	99
81) Benzo(a)anthracene	21.74	228	780668	38.800	ng	100
83) Chrysene	21.81	228	767303	39.851	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	419843	39.004	ng	97
85) Di-n-octyl phthalate	22.84	149	716277	39.955	ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	826533	35.043	ng	# 95
88) Benzo(b)fluoranthene	24.02	252	794941	41.017	ng	100
89) Benzo(k)fluoranthene	24.02	252	794941	41.449	ng	98
90) Benzo(a)pyrene	24.93	252	762765	41.251	ng	96
91) Dibenzo(a,h)anthracene	28.98	278	657778	35.602	ng	99
92) Benzo(g,h,i)perylene	30.12	276	582839	32.470	ng	98

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

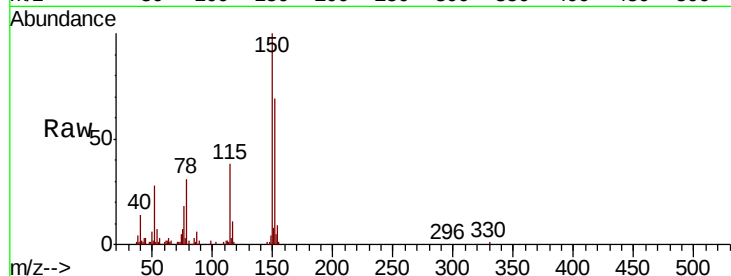


#1

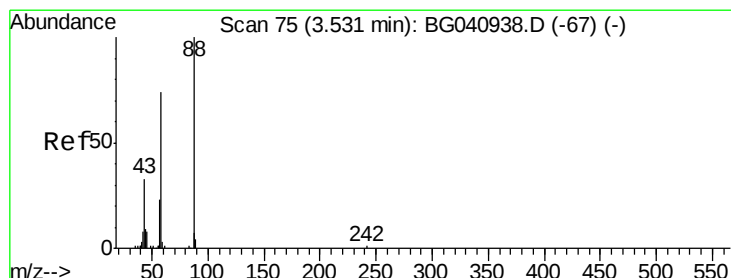
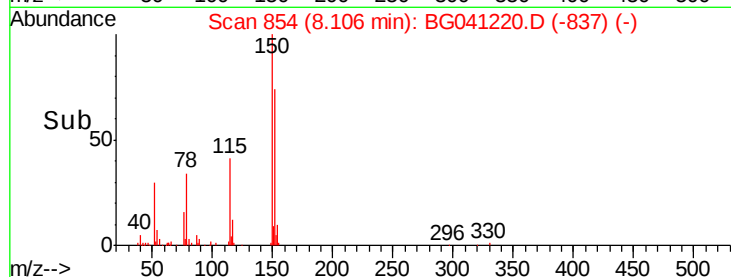
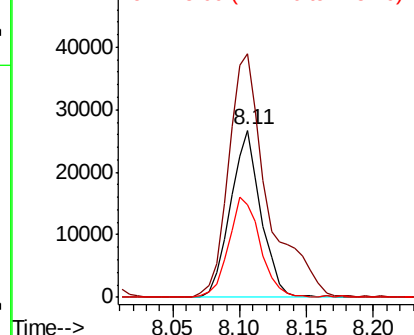
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

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BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:152 Resp: 42538
Ion Ratio Lower Upper
152 100
150 145.9 120.6 180.8
115 55.4 45.1 67.7



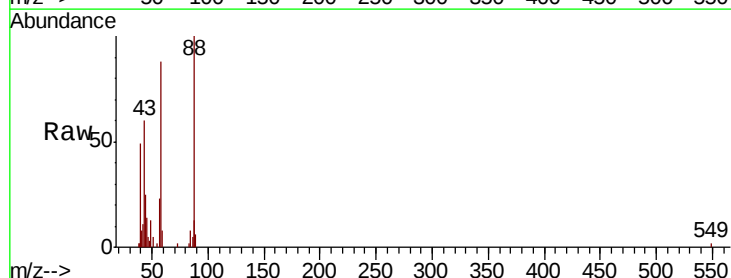
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



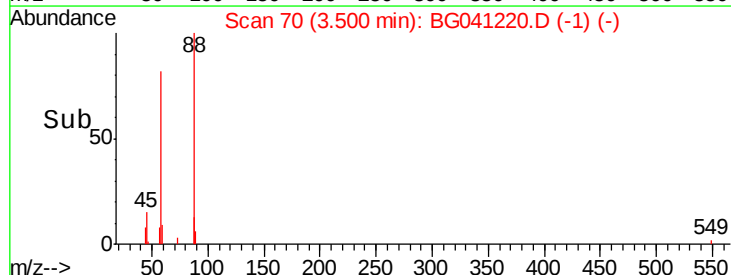
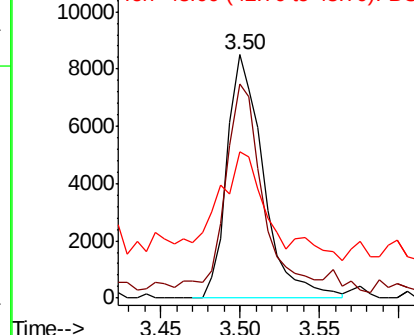
#2

1,4-Dioxane
Concen: 12.644 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion: 88 Resp: 13535
Ion Ratio Lower Upper
88 100
58 83.1 59.0 88.6
43 43.0 27.2 40.8#



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: 11.306 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

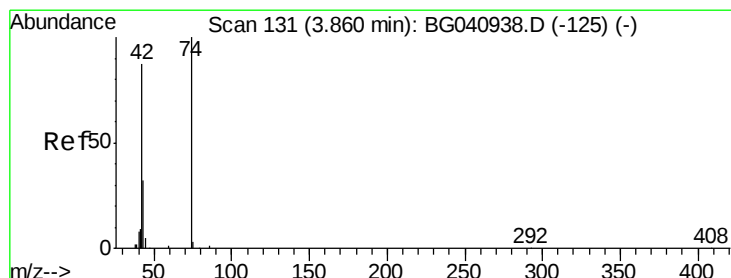
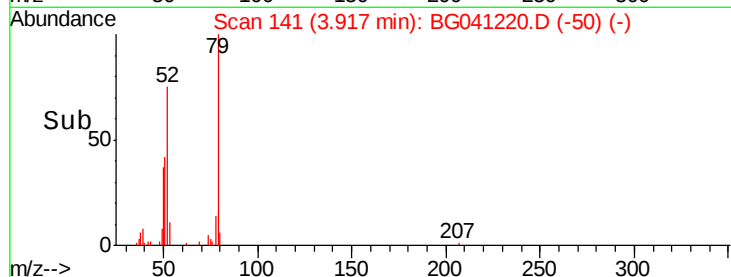
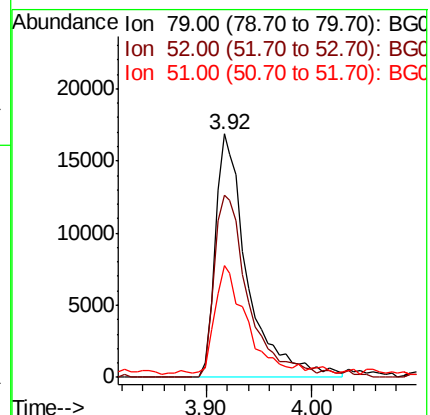
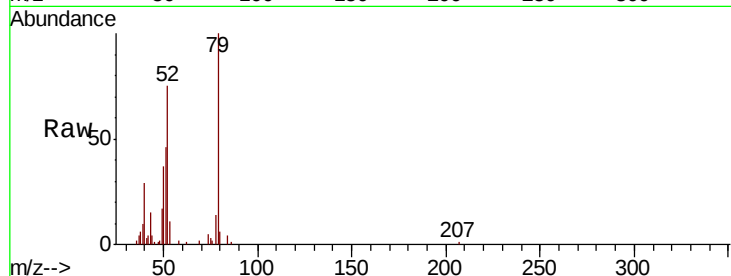
Tgt Ion: 79 Resp: 35812

Ion Ratio Lower Upper

79 100

52 74.8 64.8 97.2

51 45.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 16.536 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

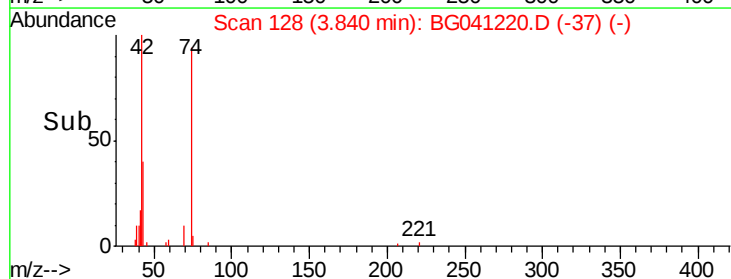
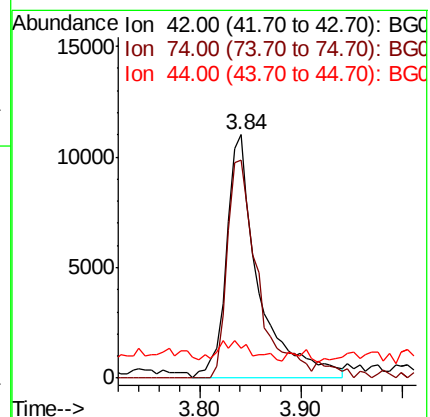
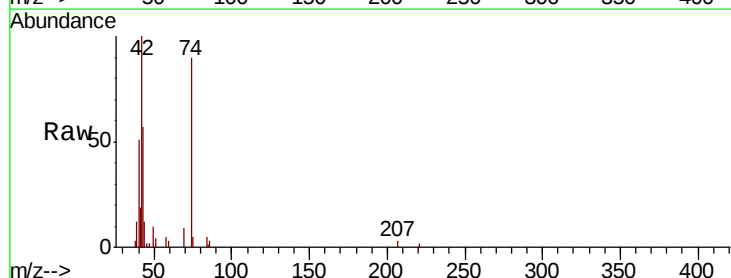
Tgt Ion: 42 Resp: 24309

Ion Ratio Lower Upper

42 100

74 89.7 91.8 137.6#

44 12.4 6.0 9.0#





#5

2-Fluorophenol

Concen: 36.593 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

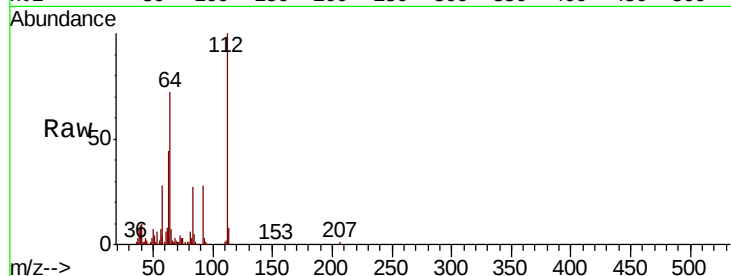
Tgt Ion: 112 Resp: 86324

Ion Ratio Lower Upper

112 100

64 71.6 56.2 84.2

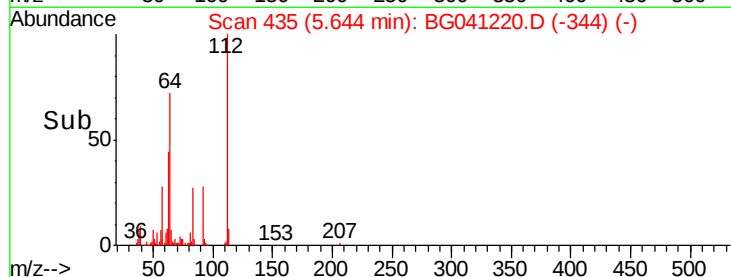
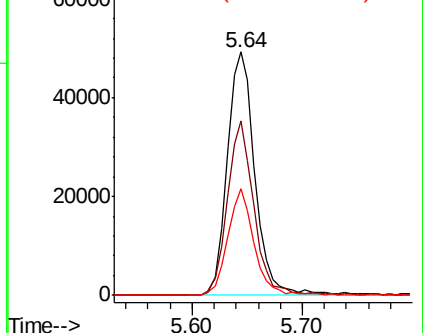
63 44.0 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.924 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

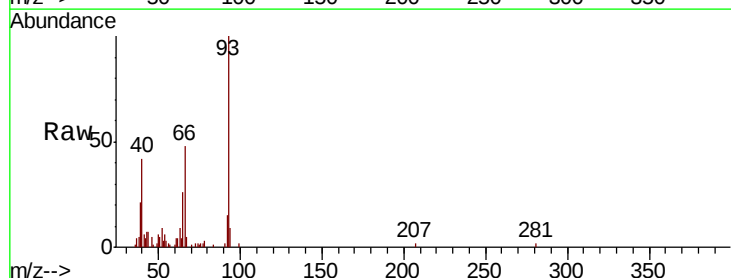
Tgt Ion: 93 Resp: 23946

Ion Ratio Lower Upper

93 100

66 48.3 33.8 50.8

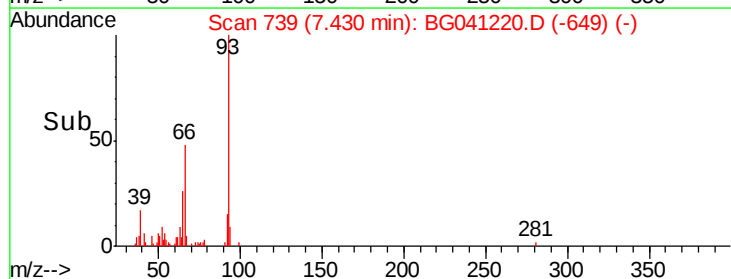
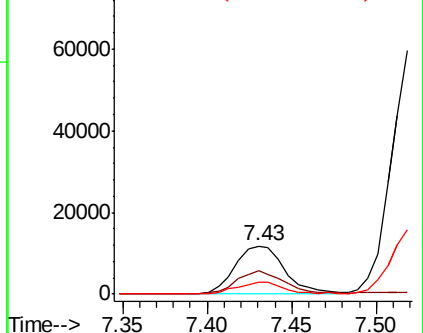
65 26.0 18.3 27.5



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: 21.263 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampled :

TI-658MS

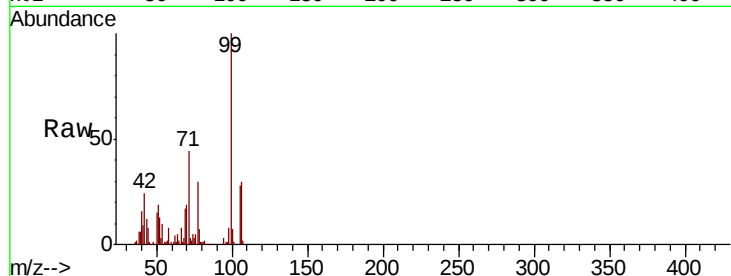
Tgt Ion: 99 Resp: 77468

Ion Ratio Lower Upper

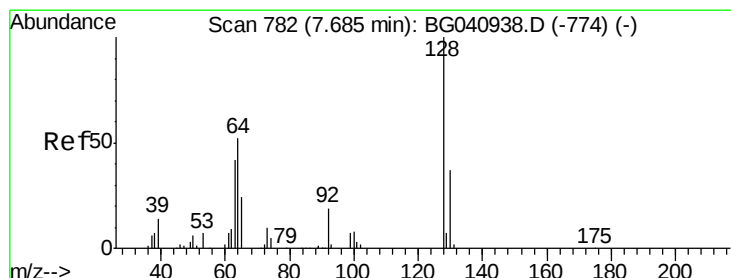
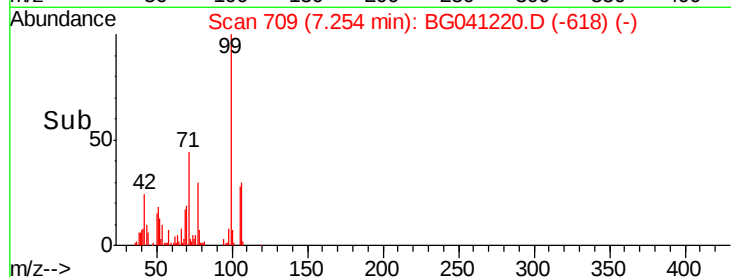
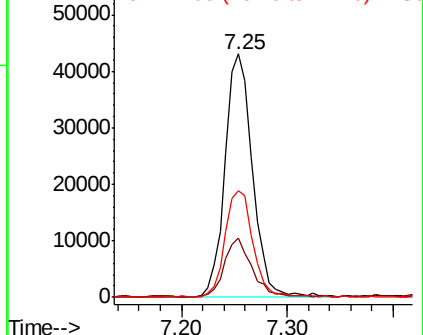
99 100

42 24.2 17.9 26.9

71 43.9 35.4 53.0



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: 30.185 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

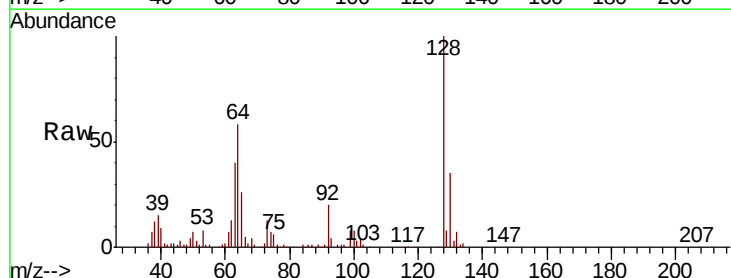
Tgt Ion: 128 Resp: 84892

Ion Ratio Lower Upper

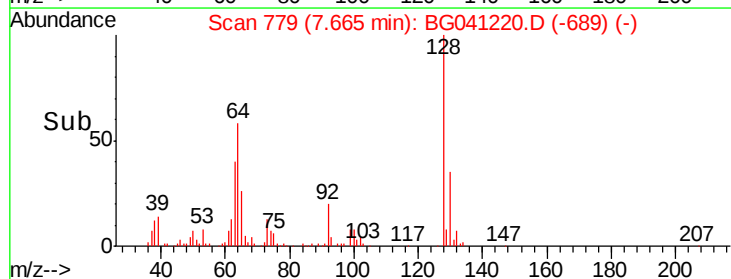
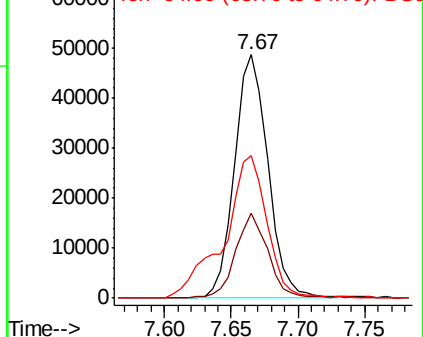
128 100

130 34.7 16.6 56.6

64 58.3 37.8 77.8



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: 16.150 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

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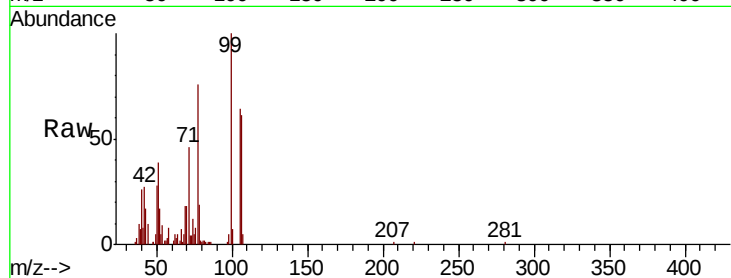
Tgt Ion: 77 Resp: 35099

Ion Ratio Lower Upper

77 100

105 84.9 78.9 118.9

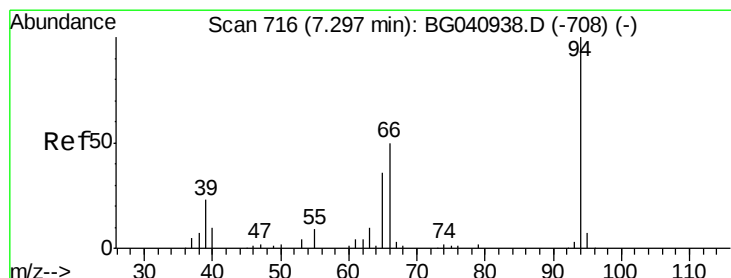
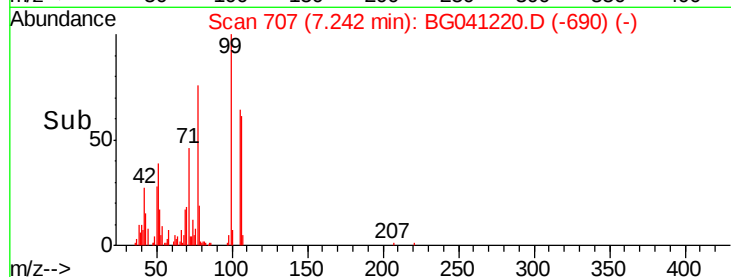
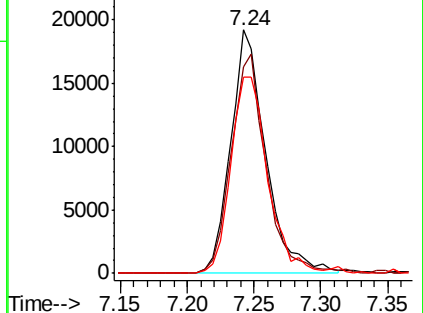
106 80.6 76.7 116.7



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: 11.850 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

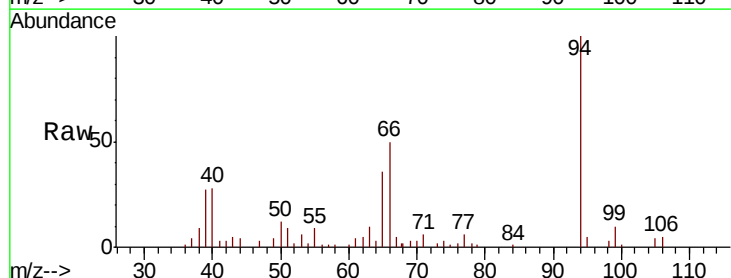
Tgt Ion: 94 Resp: 46290

Ion Ratio Lower Upper

94 100

65 36.2 17.0 57.0

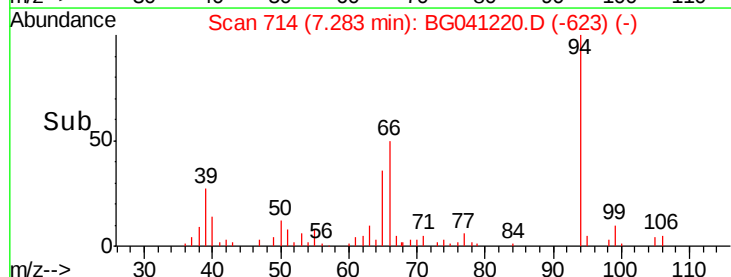
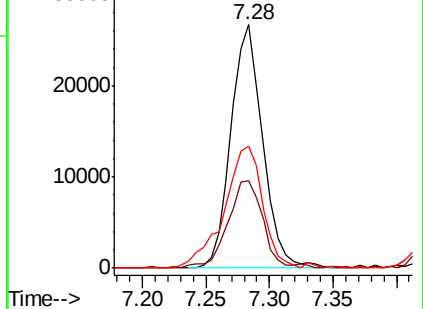
66 50.3 32.4 72.4

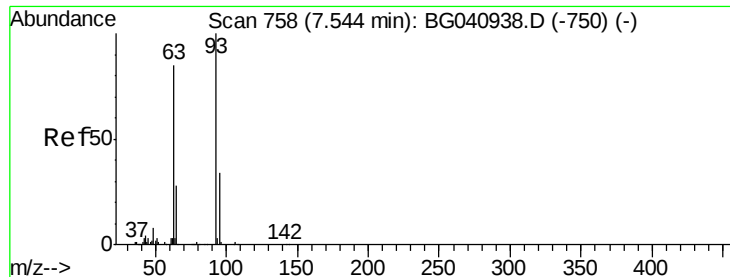


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

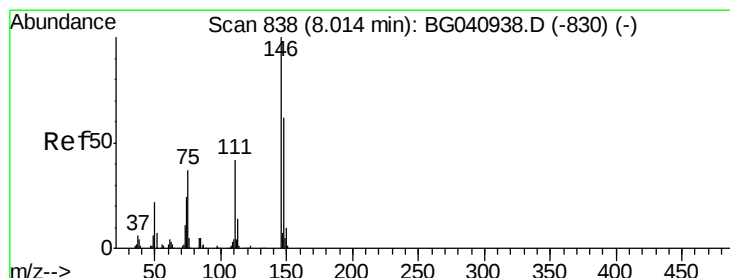
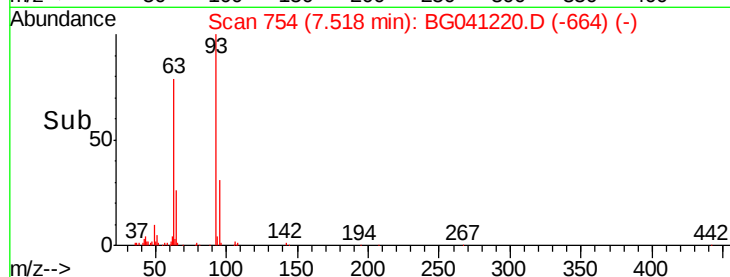
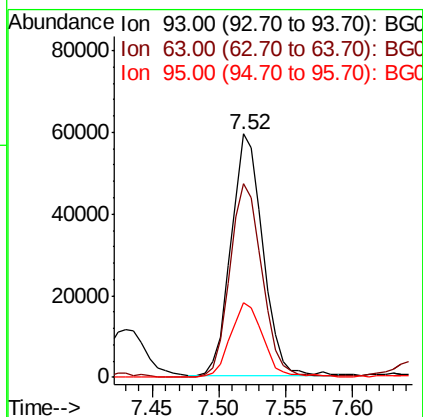
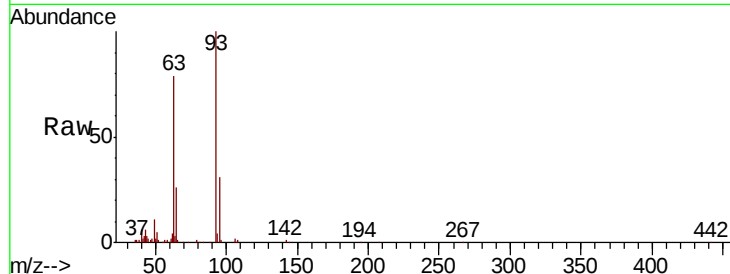




#11
bis(2-Chloroethyl)ether
Concen: 34.784 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

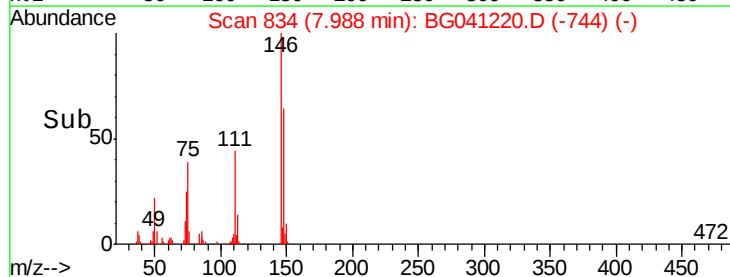
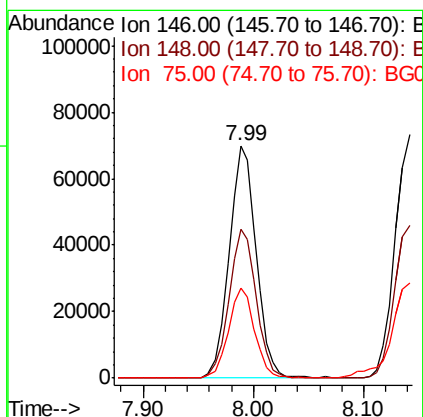
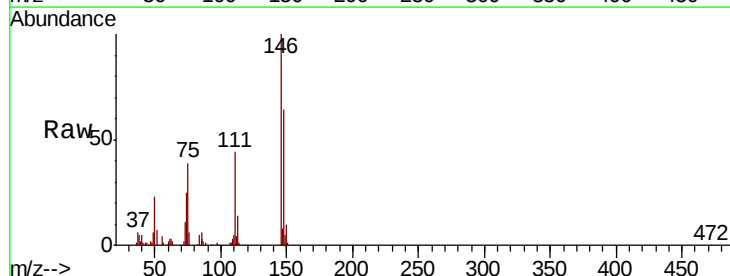
Instrument :
BNA_G
ClientSampleId :
TI-658MS

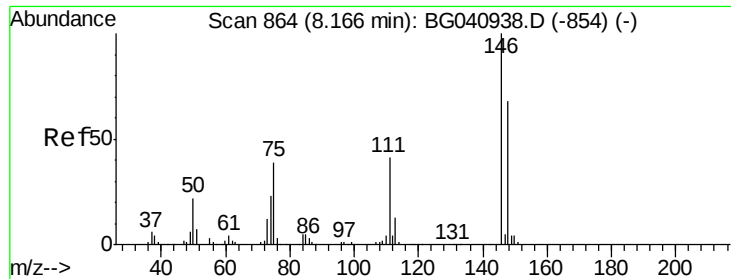
Tgt Ion: 93 Resp: 98573
Ion Ratio Lower Upper
93 100
63 79.5 64.5 104.5
95 30.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 35.634 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion: 146 Resp: 119696
Ion Ratio Lower Upper
146 100
148 63.9 49.2 73.8
75 38.7 29.4 44.0

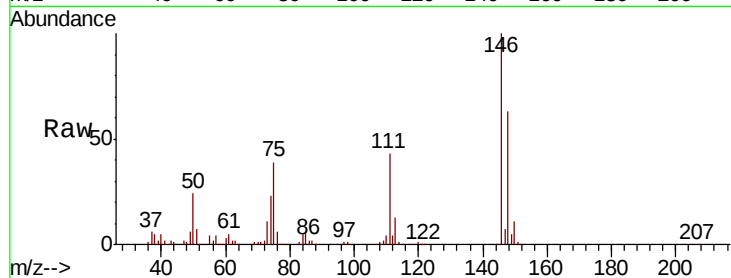




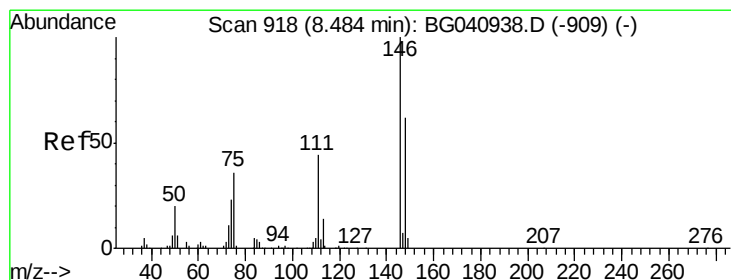
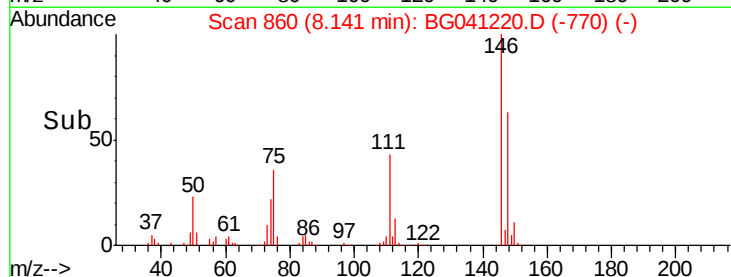
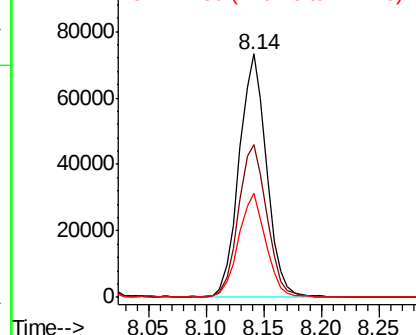
#13
 1,4-Dichlorobenzene
 Concen: 35.655 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tgt Ion:146 Resp: 121230
 Ion Ratio Lower Upper
 146 100
 148 62.8 54.2 81.4
 111 42.5 32.9 49.3

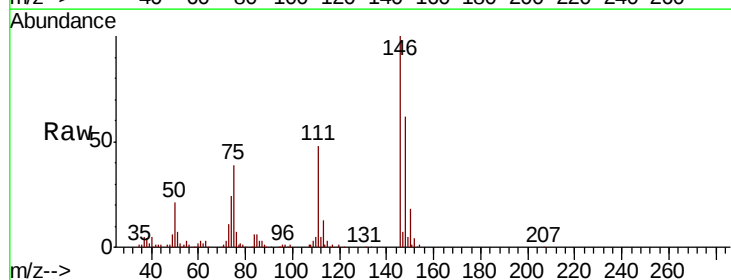


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

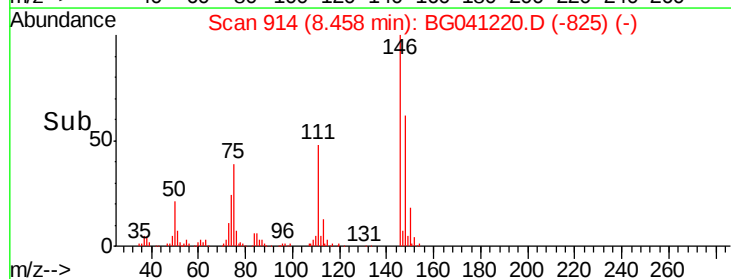
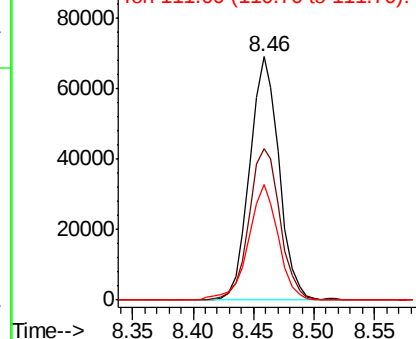


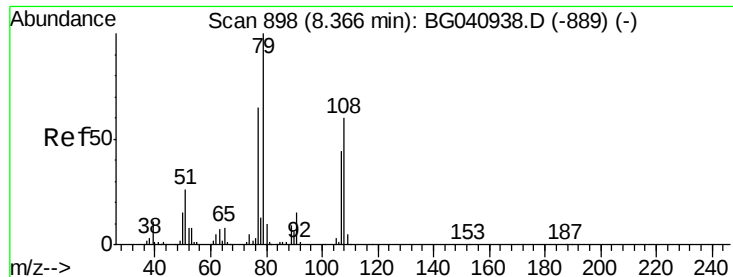
#14
 1,2-Dichlorobenzene
 Concen: 35.469 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion:146 Resp: 117092
 Ion Ratio Lower Upper
 146 100
 148 62.1 49.8 74.6
 111 47.7 35.0 52.4



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: 32.764 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

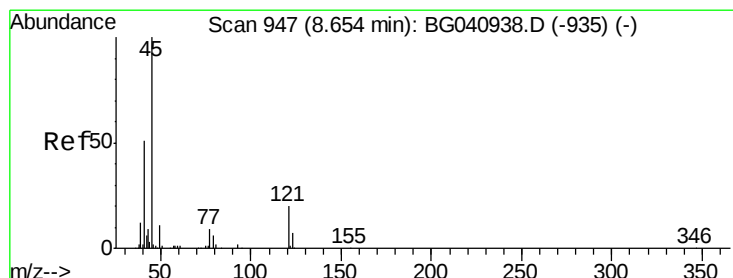
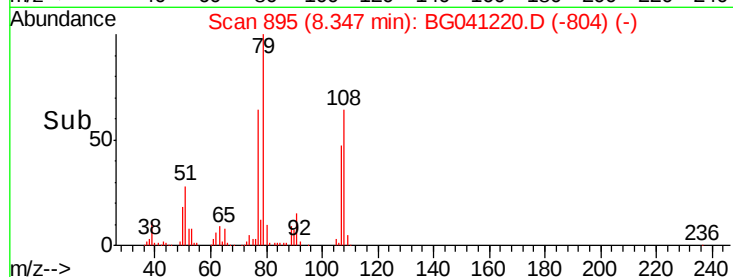
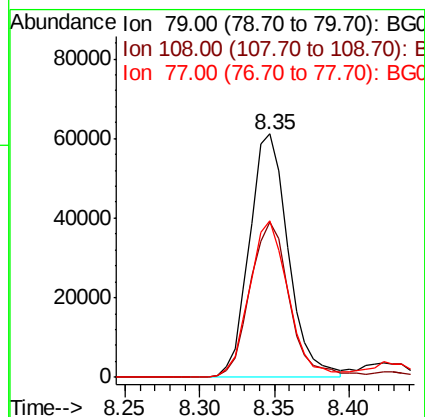
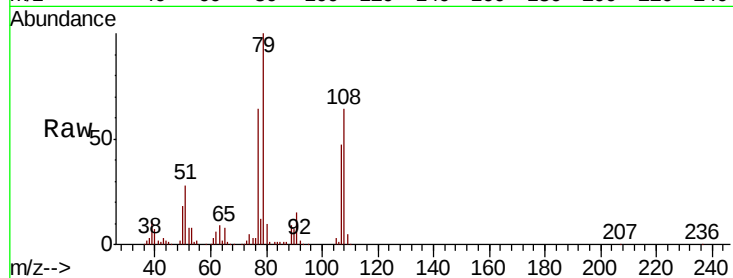
Tgt Ion: 79 Resp: 110420

Ion Ratio Lower Upper

79 100

108 63.8 48.3 72.5

77 64.3 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.548 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

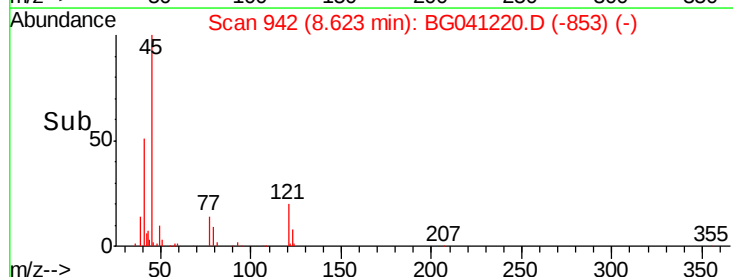
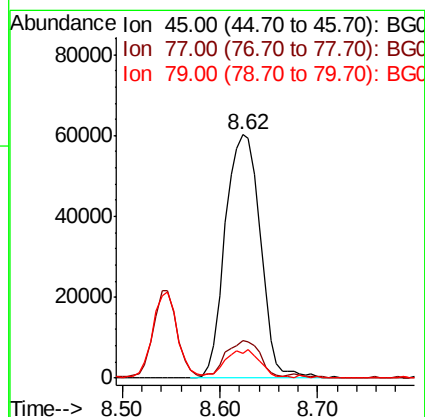
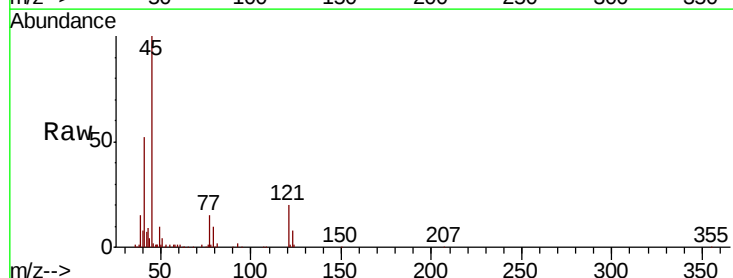
Tgt Ion: 45 Resp: 150720

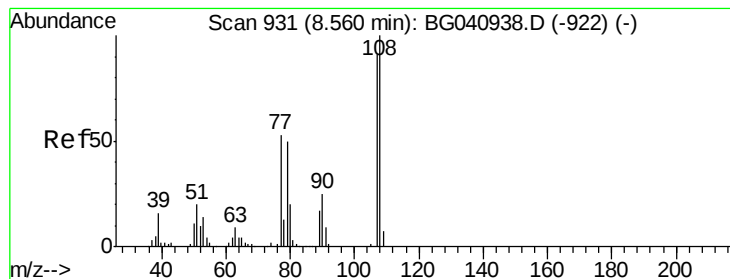
Ion Ratio Lower Upper

45 100

77 15.5 0.0 33.7

79 10.3 0.0 30.2





#17

2-Methylphenol

Concen: 23.191 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

Tgt Ion:107 Resp: 65591

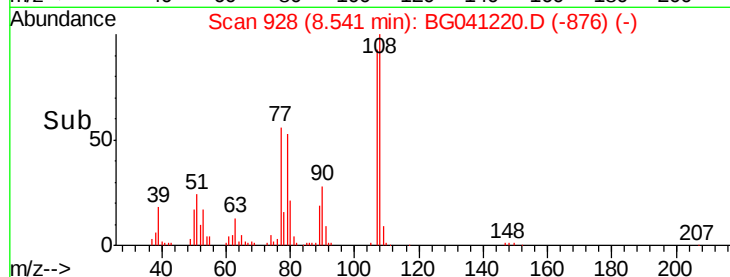
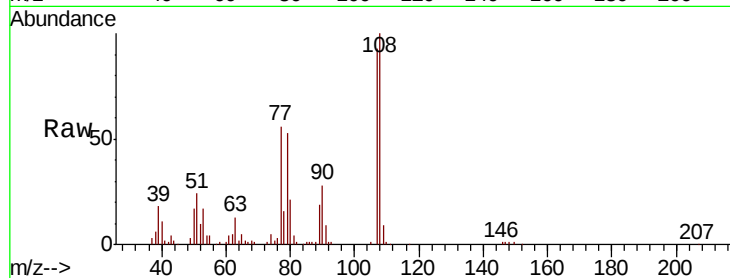
Ion Ratio Lower Upper

107 100

108 107.1 87.7 131.5

77 60.3 46.6 70.0

79 57.1 44.6 66.8



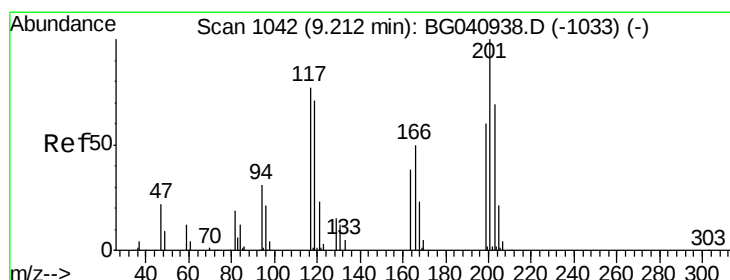
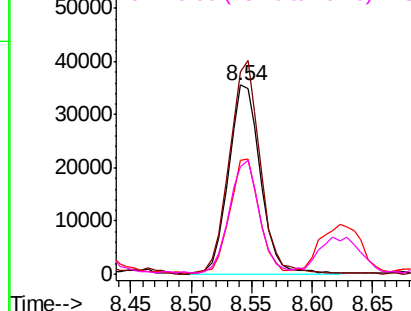
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 36.510 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

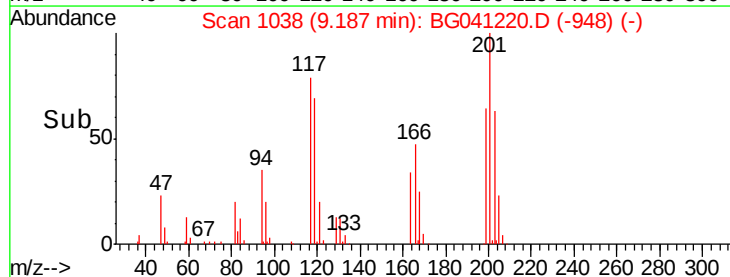
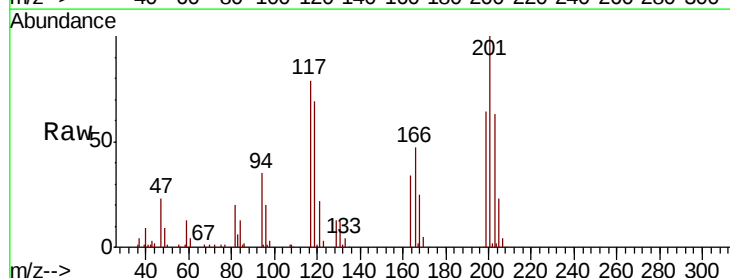
Tgt Ion:117 Resp: 47844

Ion Ratio Lower Upper

117 100

119 87.8 75.0 112.6

201 130.2 103.5 155.3

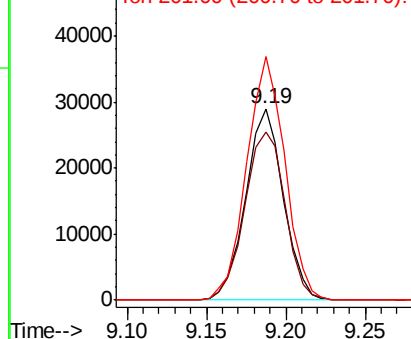


Abundance

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

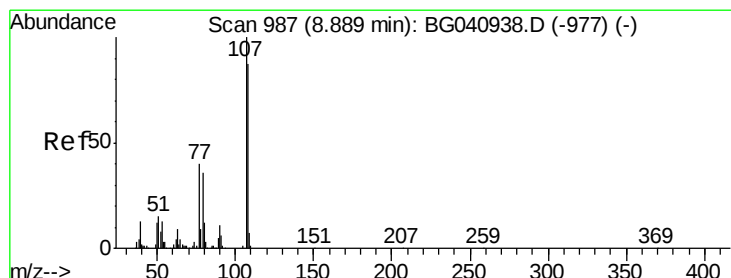
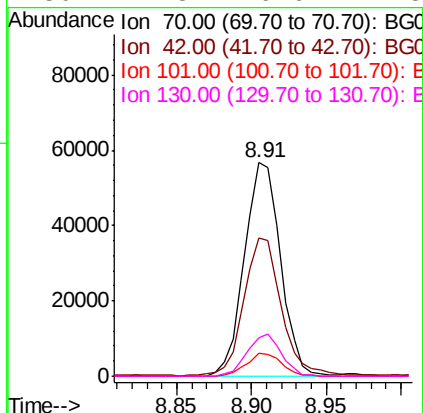
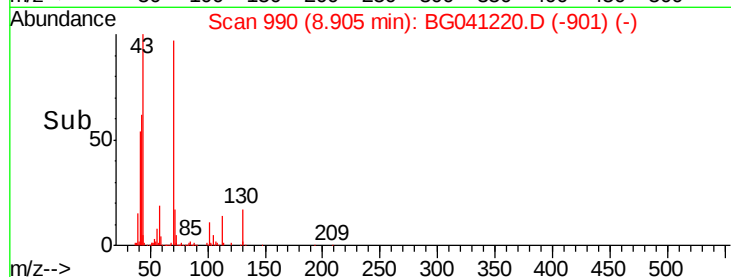
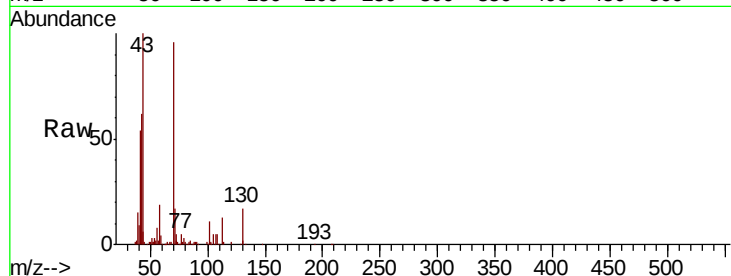




#19
n-Nitroso-di-n-propylamine
Concen: 33.924 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

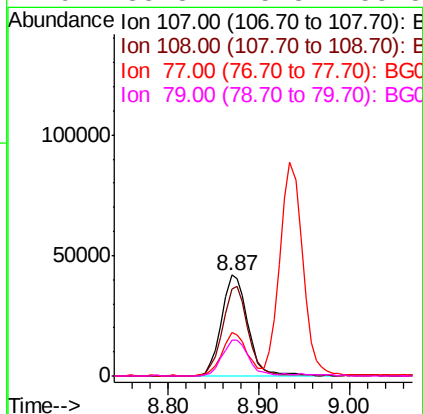
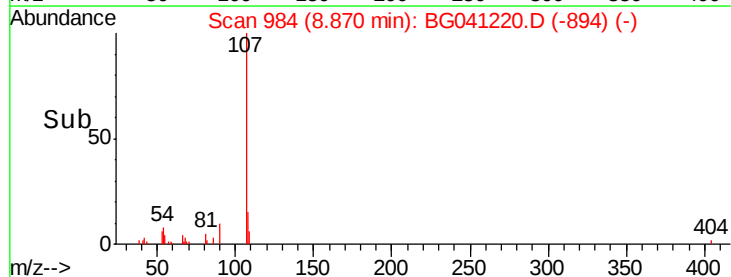
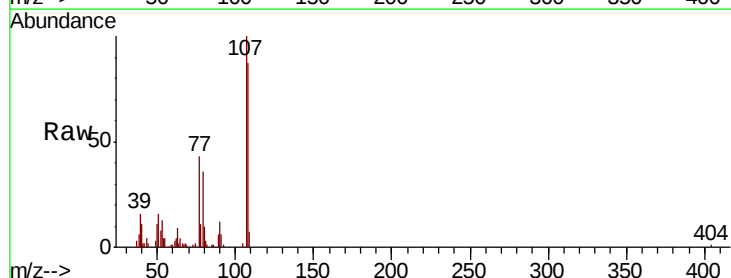
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:	70	Resp:	95112
Ion	Ratio	Lower	Upper
70	100		
42	64.8	51.5	77.3
101	10.9	8.1	12.1
130	17.8	16.6	24.8



#20
3+4-Methylphenols
Concen: 21.693 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:	107	Resp:	84989
Ion	Ratio	Lower	Upper
107	100		
108	86.9	66.8	106.8
77	43.2	20.5	60.5
79	35.8	15.8	55.8

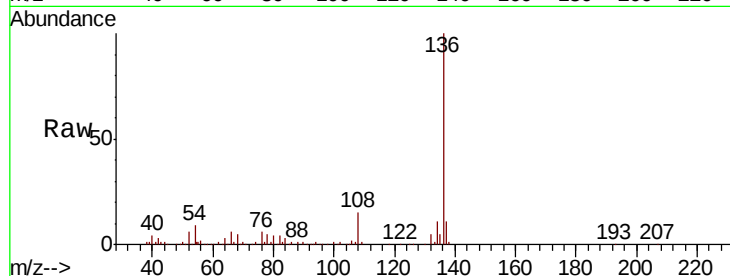




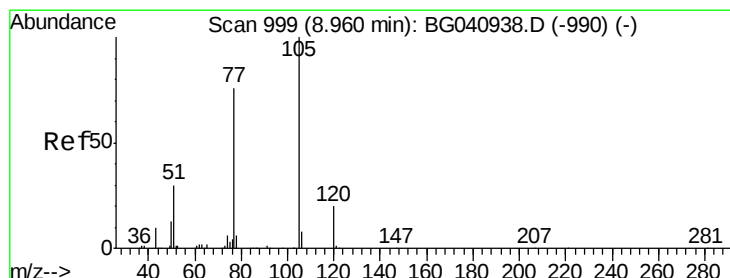
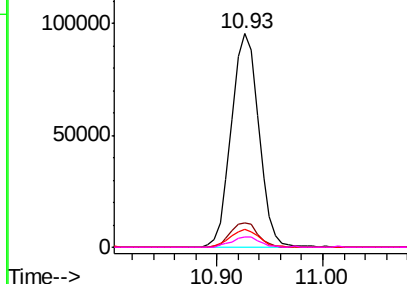
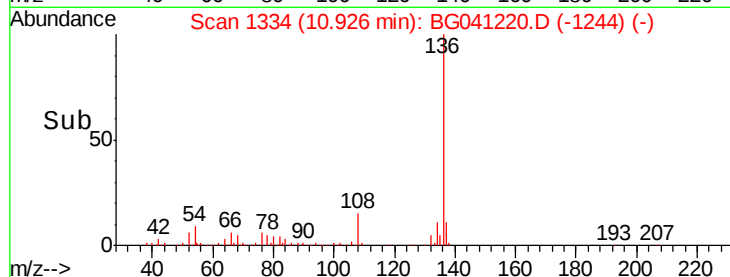
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :
TI-658MS

Tgt Ion:	136	Resp:	171162
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	8.6	7.6	11.4
68	4.7	3.9	5.9

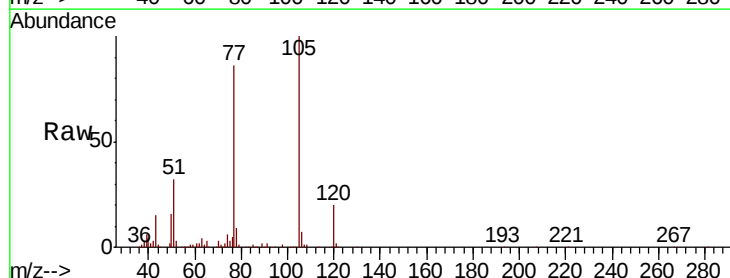


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

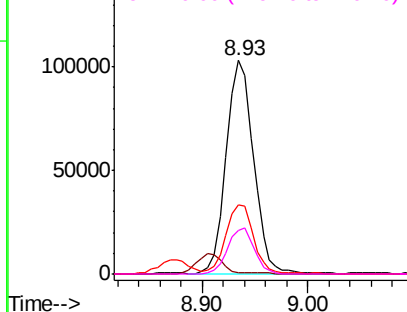
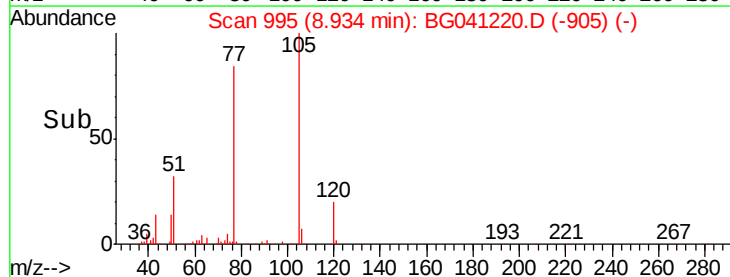


#22
Acetophenone
Concen: 38.226 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:	105	Resp:	183537
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6#
51	32.3	27.0	40.6
120	20.3	16.2	24.4



Abundance Ion 105.00 (104.70 to 105.70): E
150000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

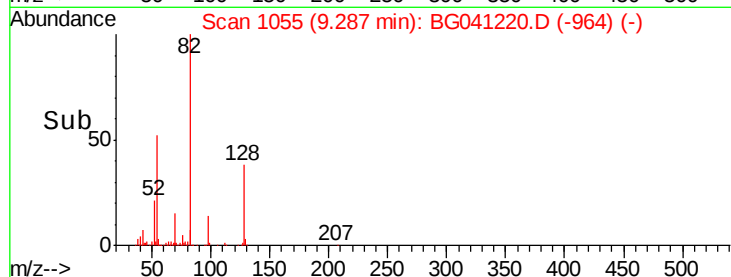
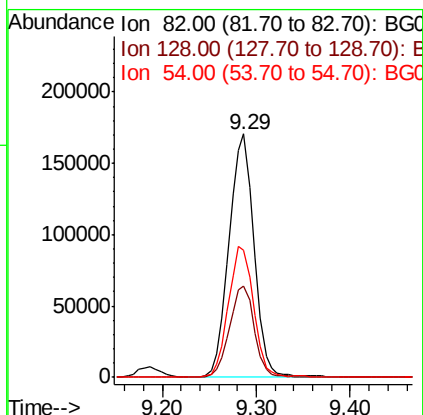
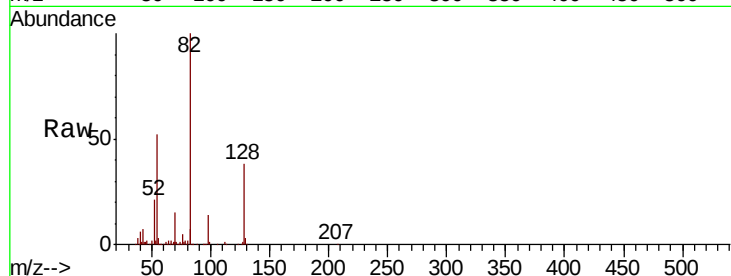




#23
 Nitrobenzene-d5
 Concen: 81.986 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

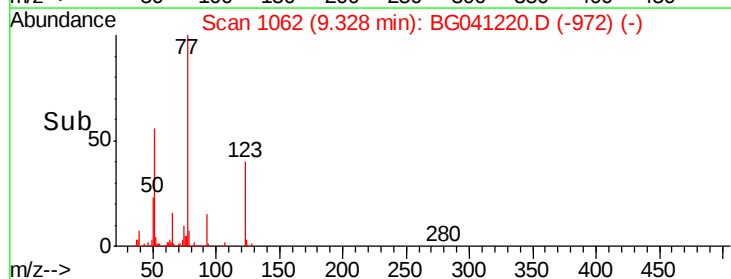
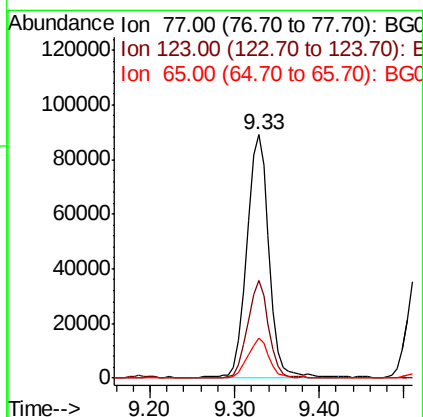
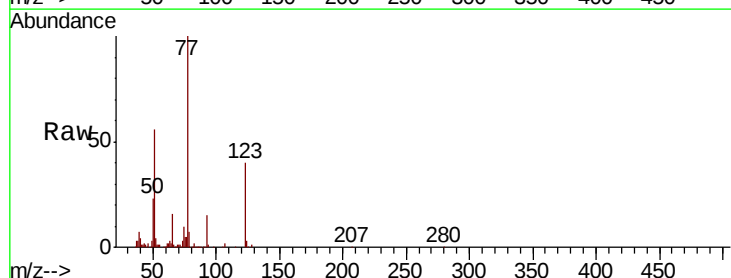
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tgt Ion: 82 Resp: 316102
 Ion Ratio Lower Upper
 82 100
 128 37.5 30.5 45.7
 54 52.4 44.6 66.8



#24
 Nitrobenzene
 Concen: 41.505 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion: 77 Resp: 163079
 Ion Ratio Lower Upper
 77 100
 123 40.2 30.6 46.0
 65 16.5 12.3 18.5

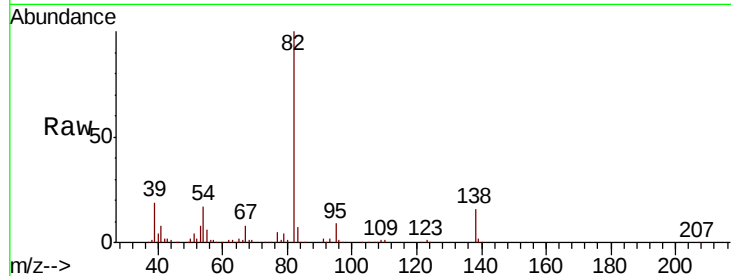




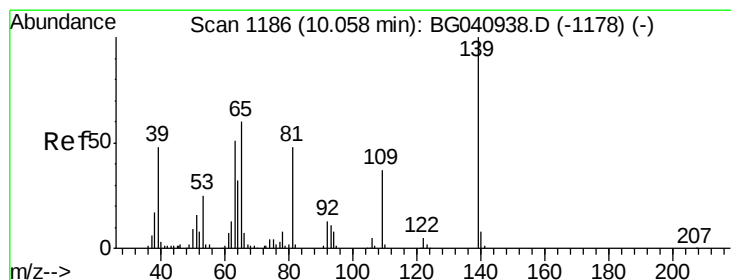
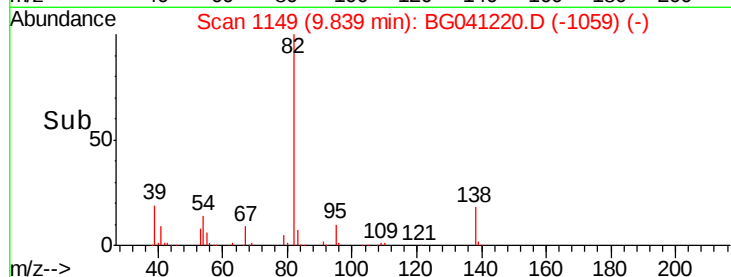
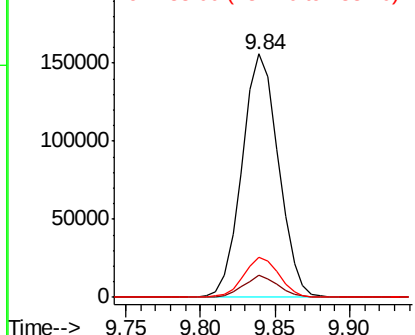
#25
Isophorone
Concen: 35.870 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion: 82 Resp: 263190
Ion Ratio Lower Upper
82 100
95 9.0 7.0 10.4
138 16.4 12.6 19.0

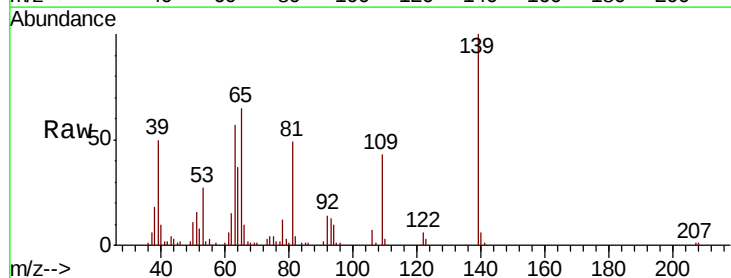


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

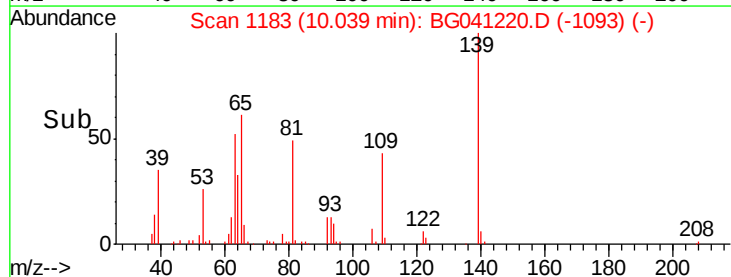
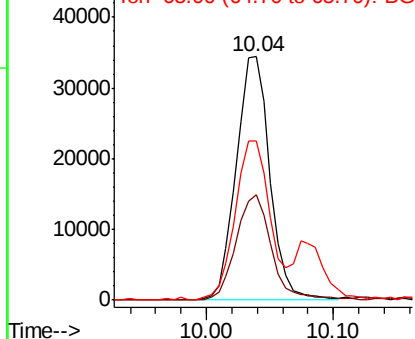


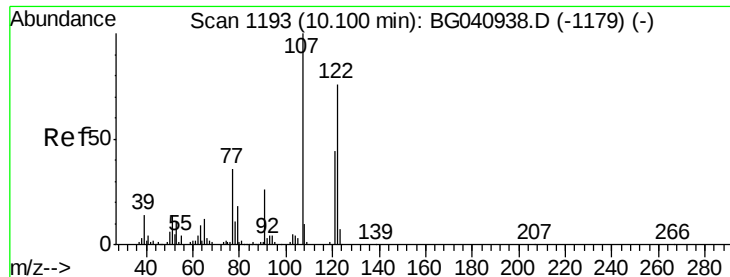
#26
2-Nitrophenol
Concen: 39.259 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion: 139 Resp: 63592
Ion Ratio Lower Upper
139 100
109 43.2 29.8 44.6
65 65.4 47.8 71.6



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

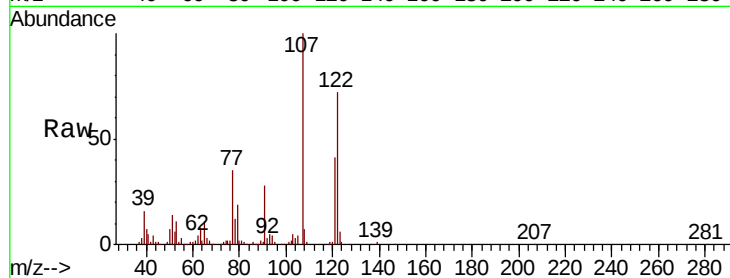




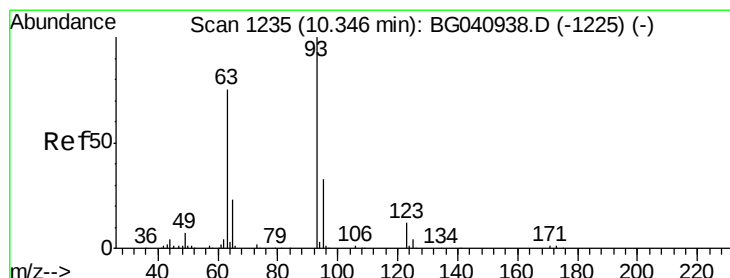
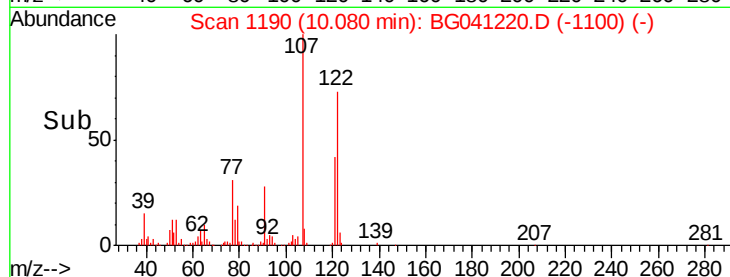
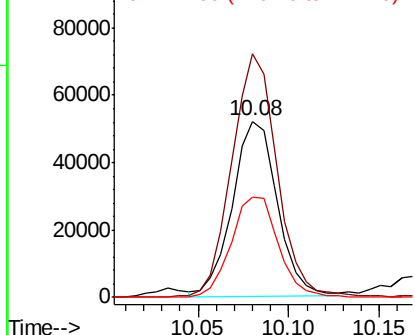
#27
 2,4-Dimethylphenol
 Concen: 33.786 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tgt Ion: 122 Resp: 90384
 Ion Ratio Lower Upper
 122 100
 107 138.1 105.9 158.9
 121 57.2 46.2 69.4

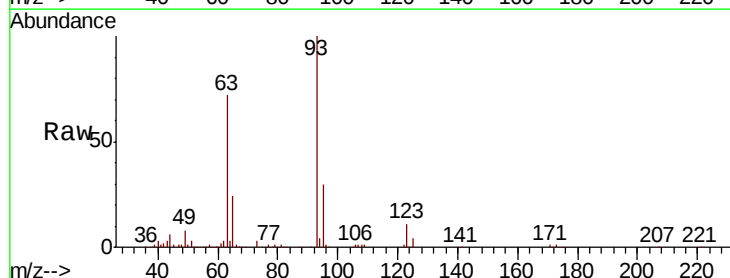


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

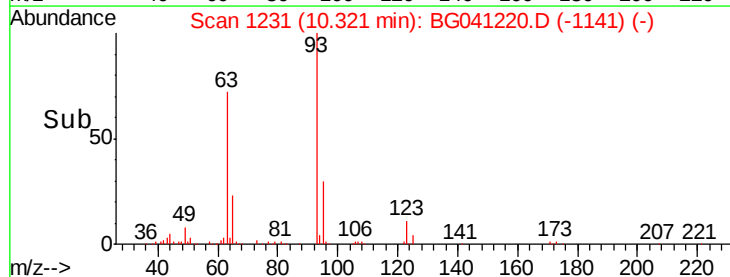
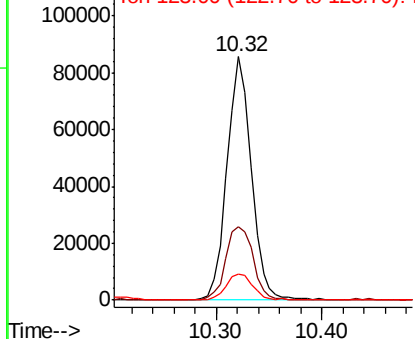


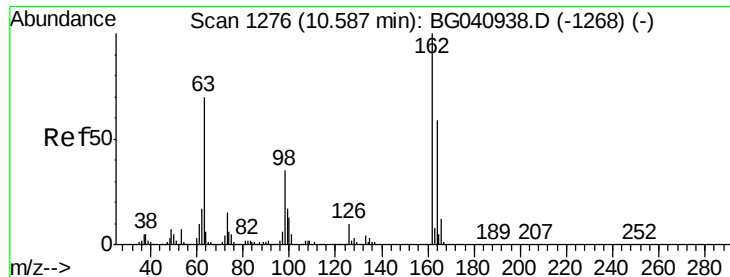
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.493 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion: 93 Resp: 136597
 Ion Ratio Lower Upper
 93 100
 95 30.3 26.2 39.2
 123 10.6 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

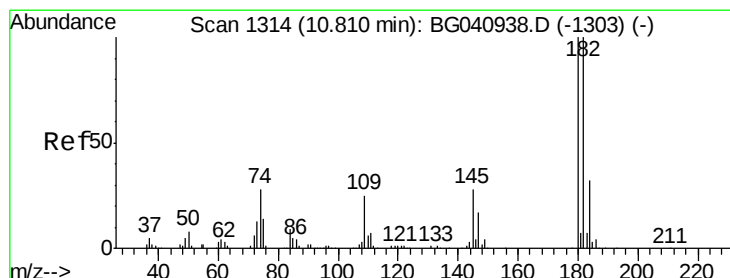
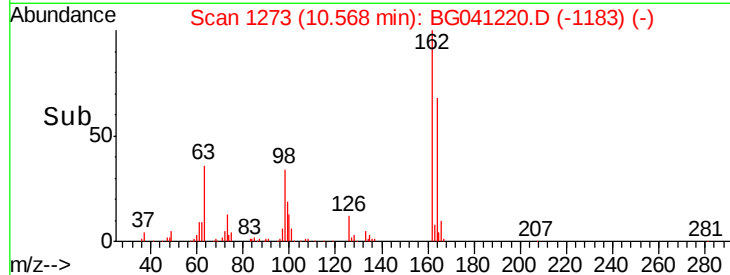
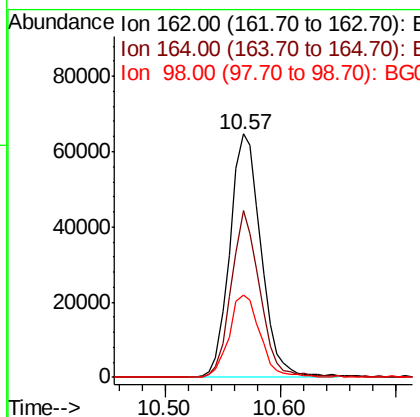
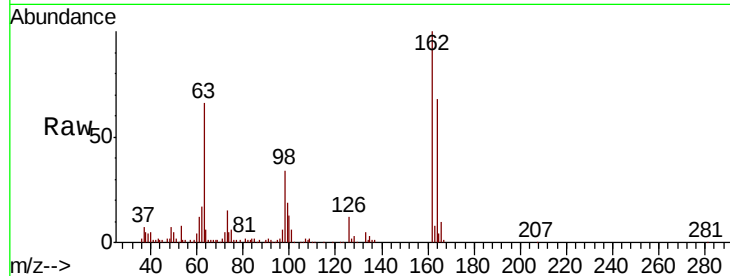




#29
 2,4-Dichlorophenol
 Concen: 35.649 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

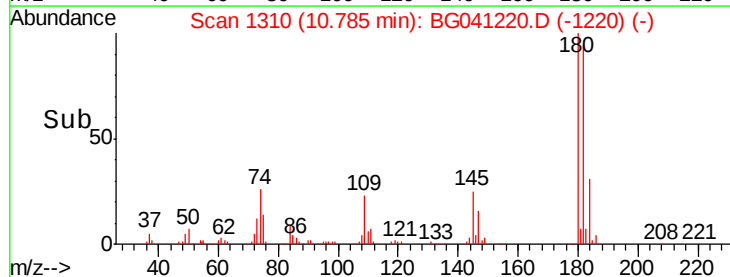
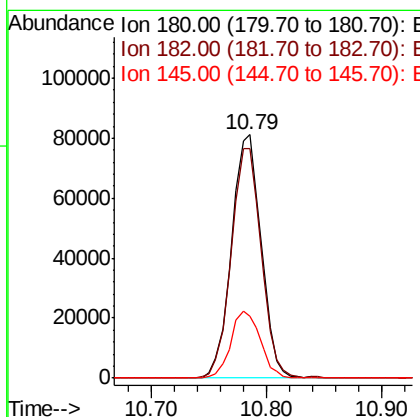
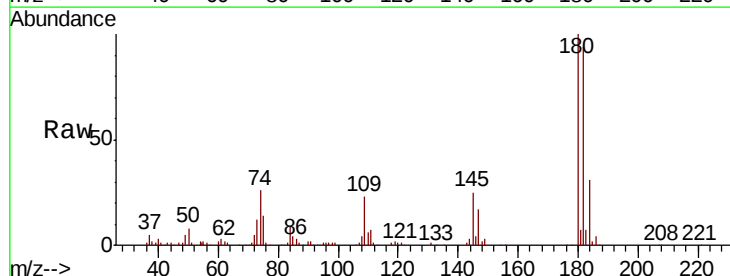
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

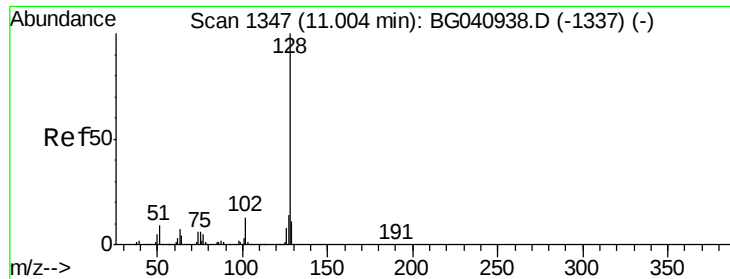
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.3	39.4	79.4
98	33.9	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 37.315 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	79.7	119.5
145	25.4	22.6	34.0

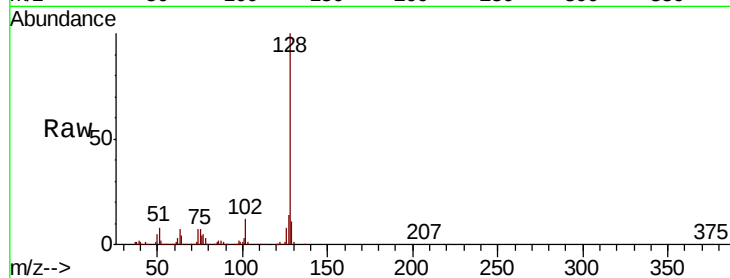




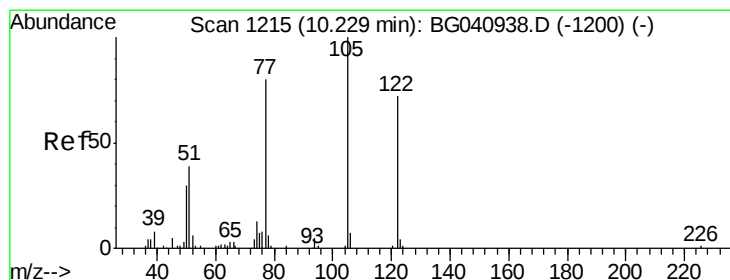
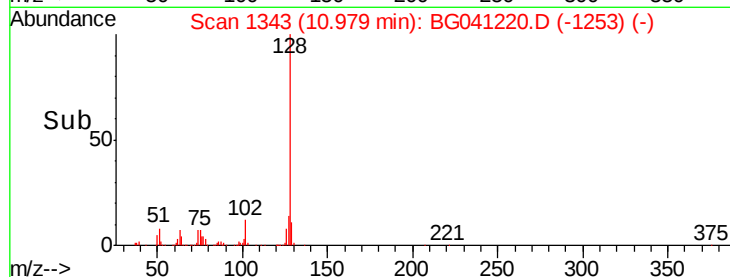
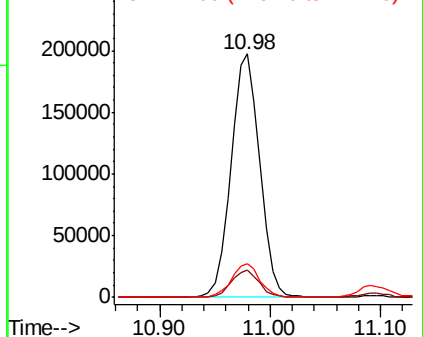
#31
Naphthalene
Concen: 39.079 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:128 Resp: 359127
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.1 11.4 17.2

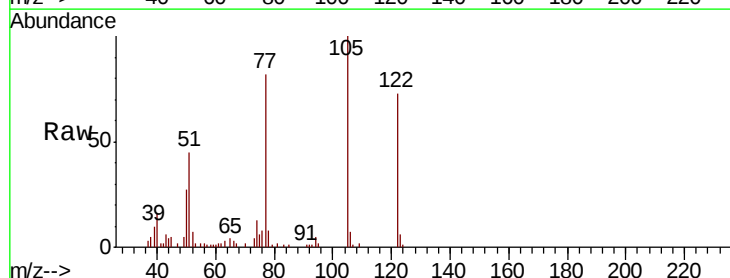


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

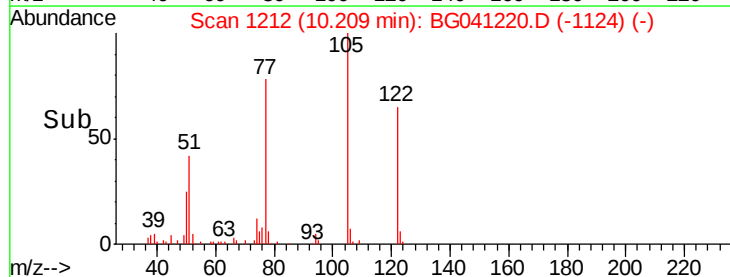
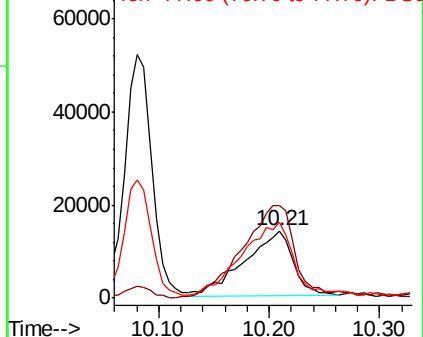


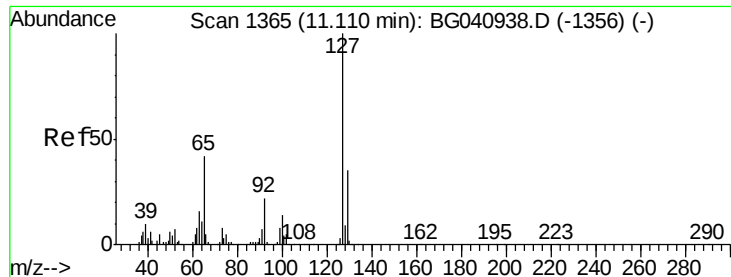
#32
Benzoic acid
Concen: 25.217 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:122 Resp: 42790
Ion Ratio Lower Upper
122 100
105 136.6 114.8 154.8
77 111.5 89.9 129.9



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

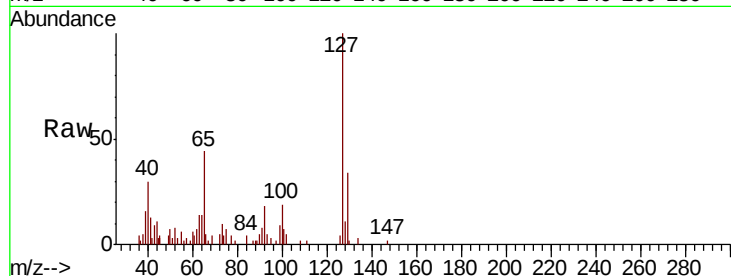




#33
4-Chloroaniline
Concen: 5.282 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:	127	Resp:	22522
Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.7	41.5
65	44.1	33.2	49.8
92	17.6	17.2	25.8



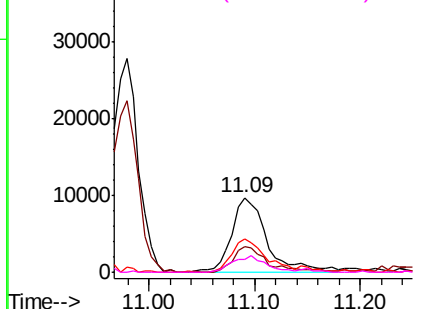
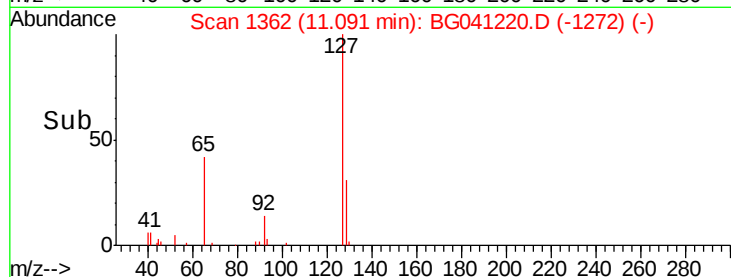
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

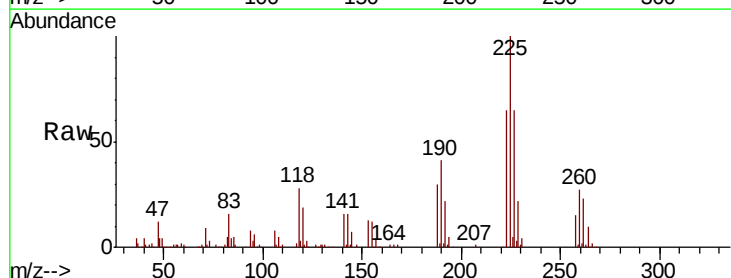
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.512 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:	225	Resp:	105008
Ion	Ratio	Lower	Upper
225	100		
223	65.1	48.8	73.2
227	67.8	51.4	77.0

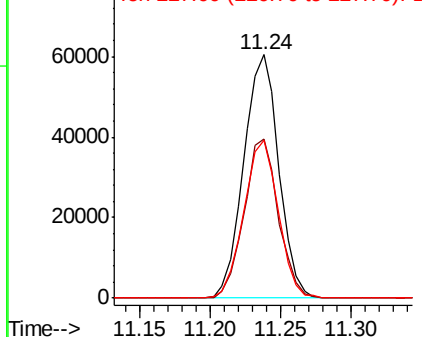
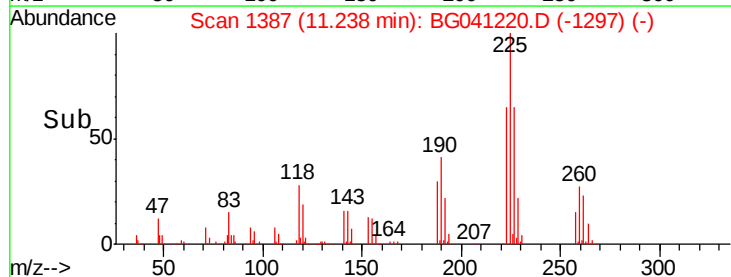


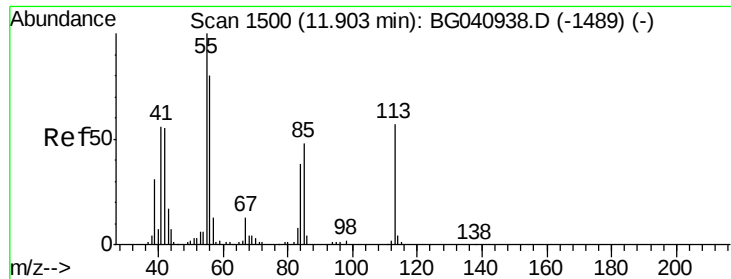
Abundance

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: 6.170 ng

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

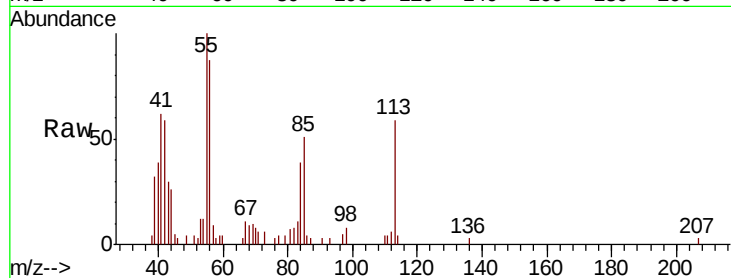
Tgt Ion:113 Resp: 6922

Ion Ratio Lower Upper

113 100

55 170.3 155.9 195.9

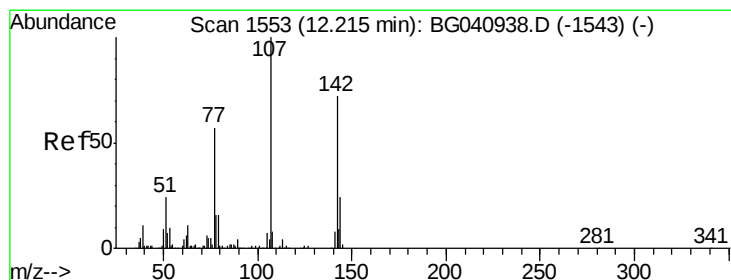
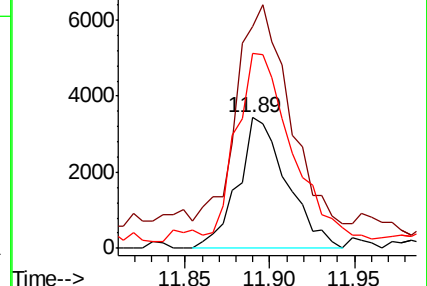
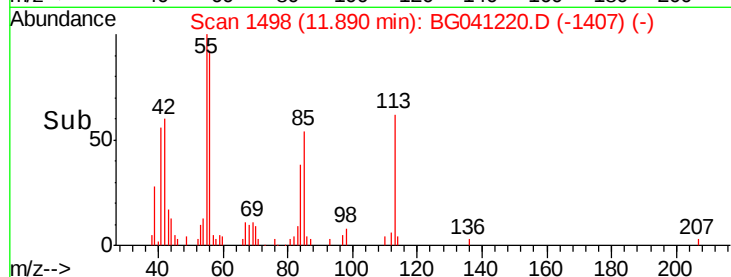
56 148.8 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 32.129 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

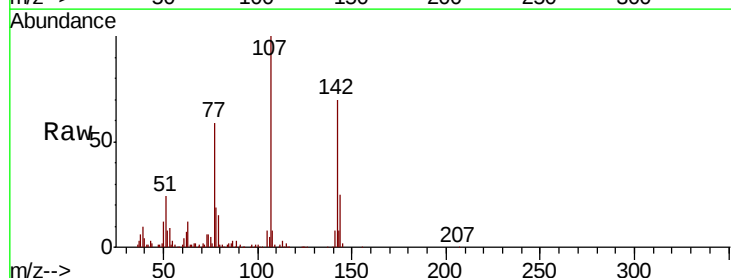
Tgt Ion:107 Resp: 124653

Ion Ratio Lower Upper

107 100

144 25.0 19.4 29.0

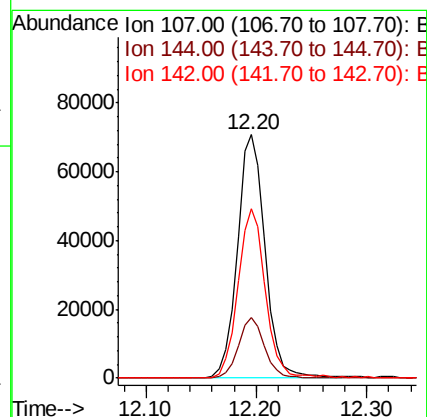
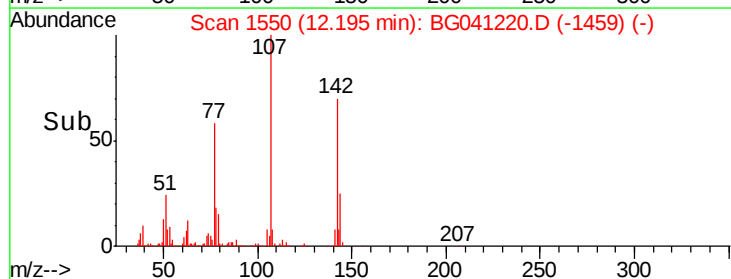
142 69.8 57.3 85.9

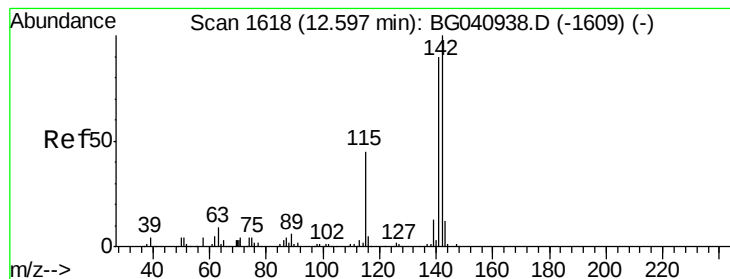


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.663 ng

RT: 12.57 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

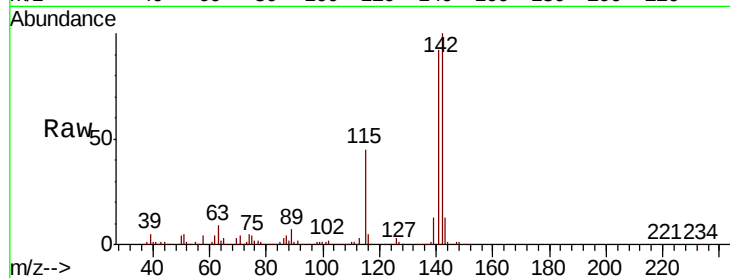
Tgt Ion:142 Resp: 266575

Ion Ratio Lower Upper

142 100

141 92.4 72.2 108.4

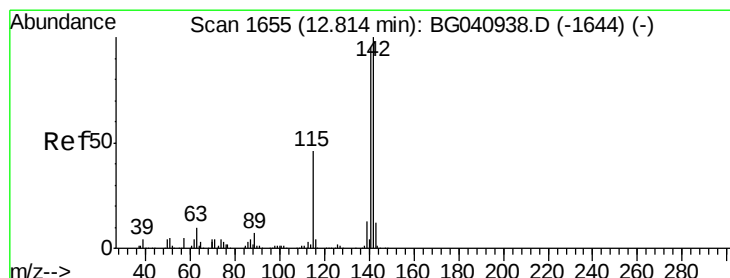
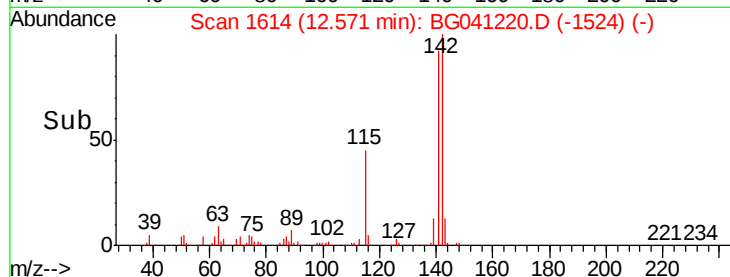
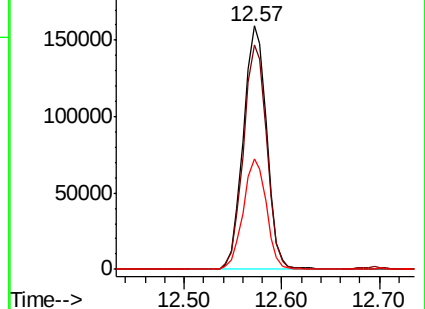
115 45.5 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.383 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

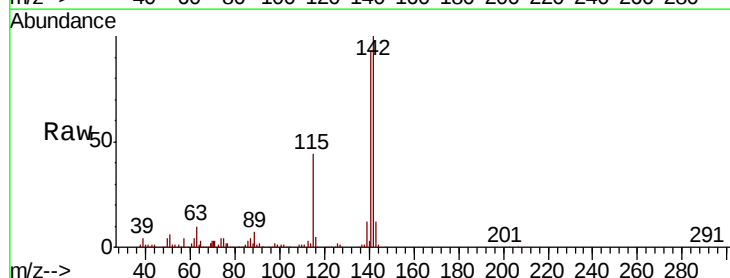
Tgt Ion:142 Resp: 256004

Ion Ratio Lower Upper

142 100

141 93.4 75.7 113.5

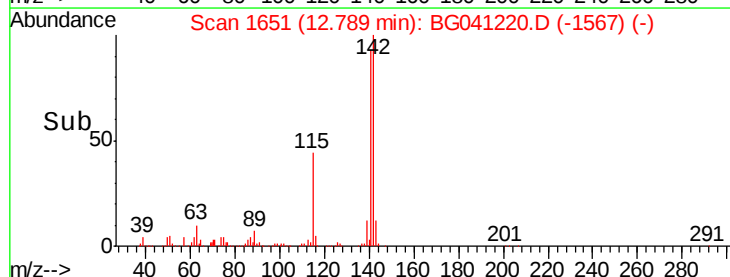
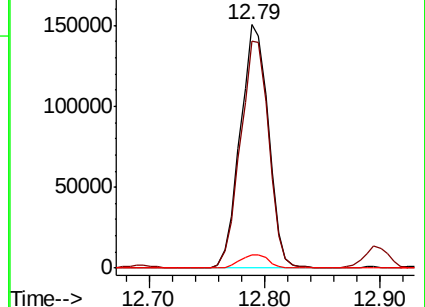
116 5.2 3.4 5.2#

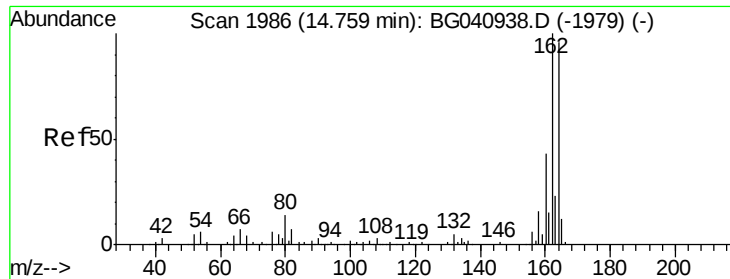


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

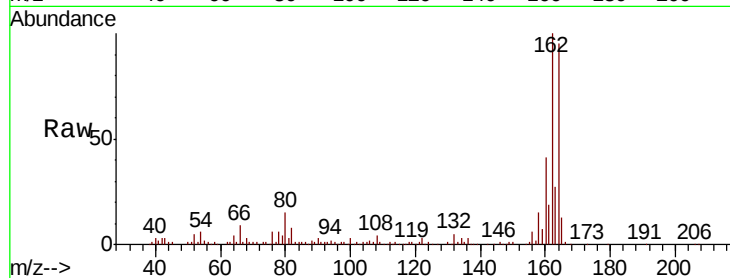
Tgt Ion:164 Resp: 123013

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.4

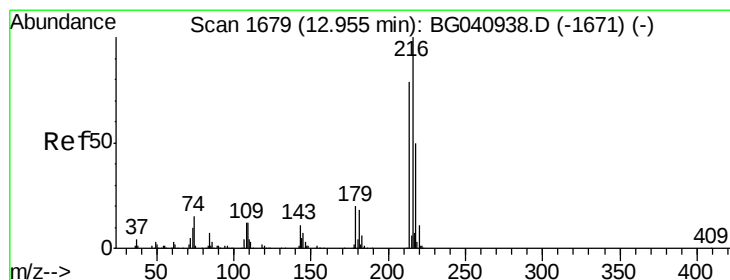
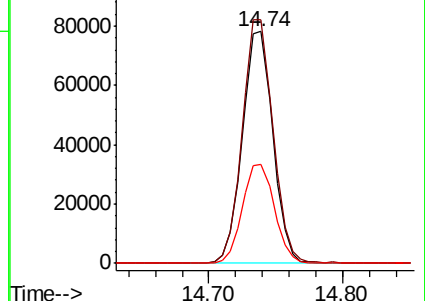
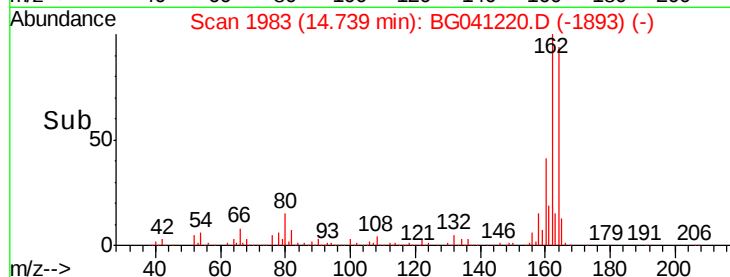
160 42.8 35.6 53.4



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: 40.372 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:216 Resp: 200167

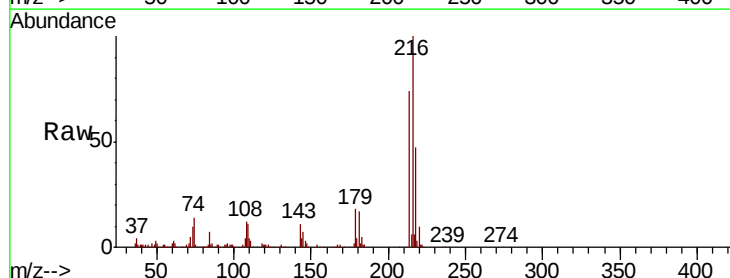
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 18.9 15.2 22.8

108 16.3 11.4 17.2

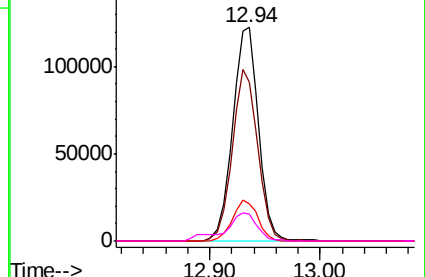
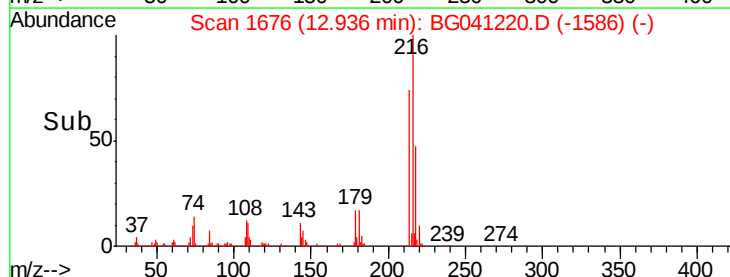


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.945 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

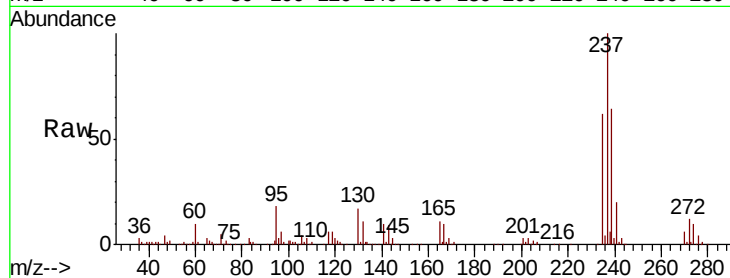
Tgt Ion: 237 Resp: 210082

Ion Ratio Lower Upper

237 100

235 62.3 45.5 85.5

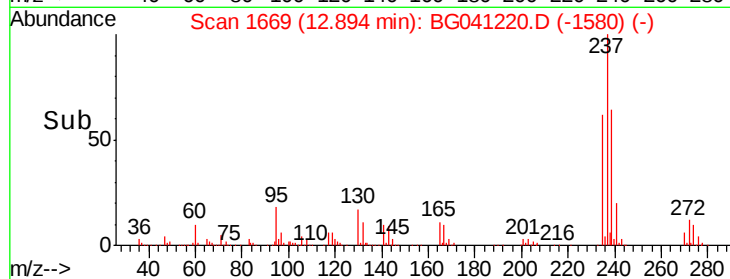
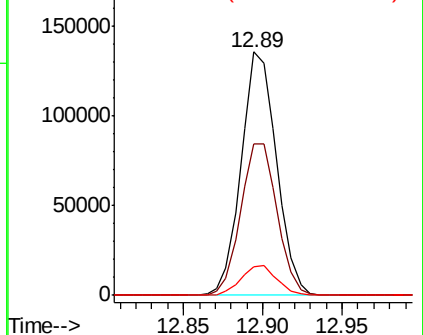
272 11.7 0.0 32.9



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: 84.705 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

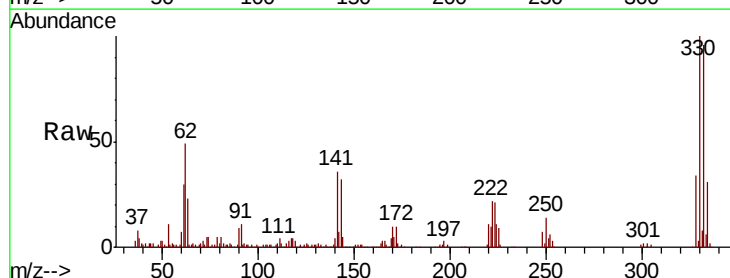
Tgt Ion: 330 Resp: 154689

Ion Ratio Lower Upper

330 100

332 95.0 78.5 117.7

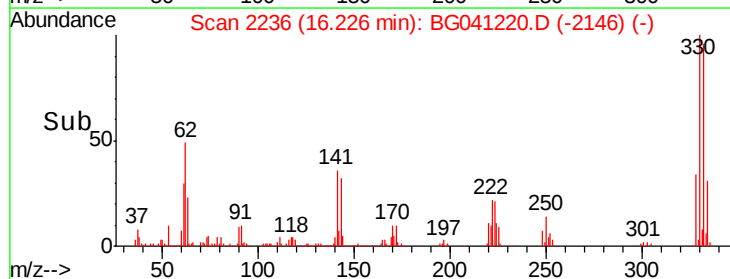
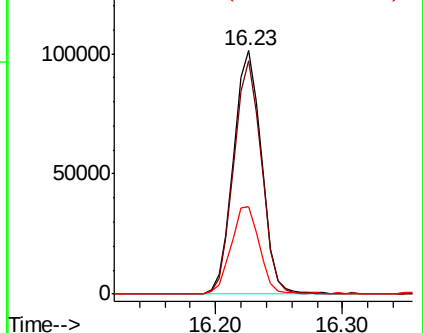
141 36.5 28.7 43.1



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

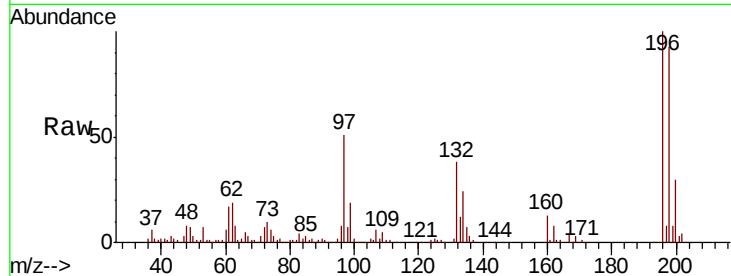




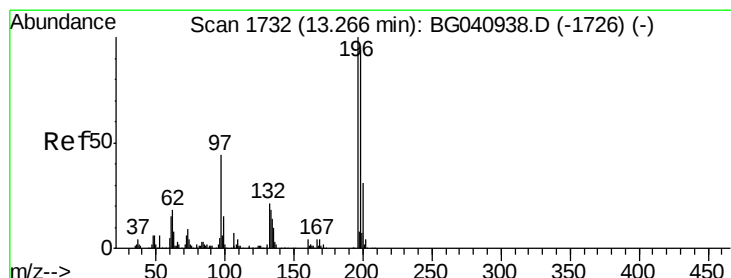
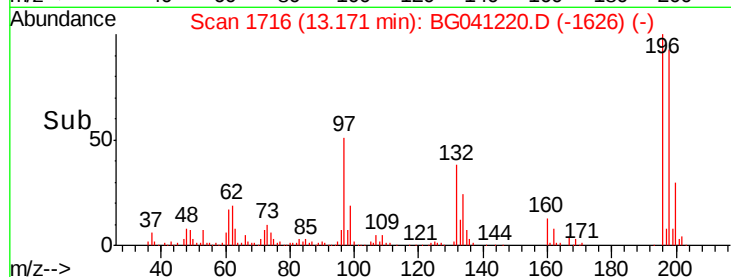
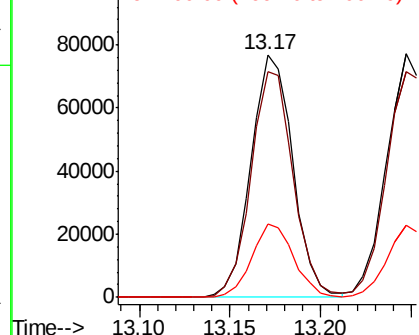
#43
 2,4,6-Trichlorophenol
 Concen: 38.709 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tgt Ion:196 Resp: 124156
 Ion Ratio Lower Upper
 196 100
 198 92.9 73.8 110.6
 200 30.5 24.1 36.1



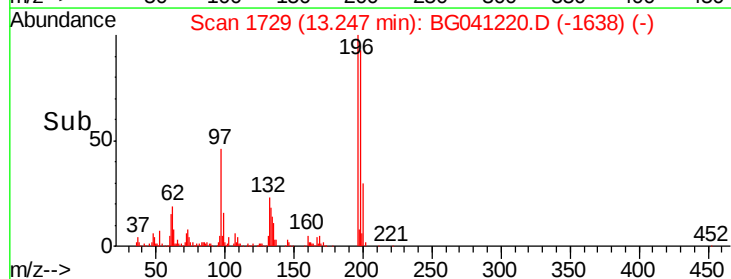
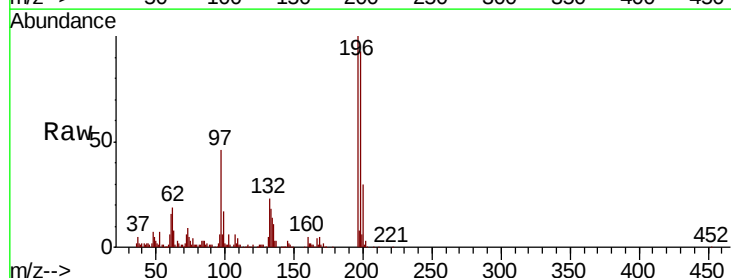
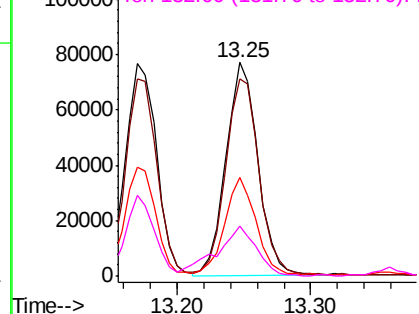
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.375 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion:196 Resp: 129811
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.1 112.7
 97 46.0 35.6 53.4
 132 23.3 16.7 25.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

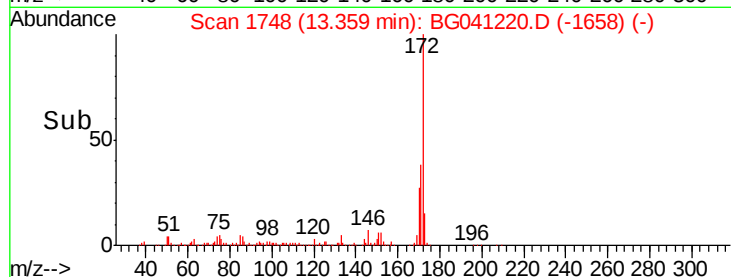
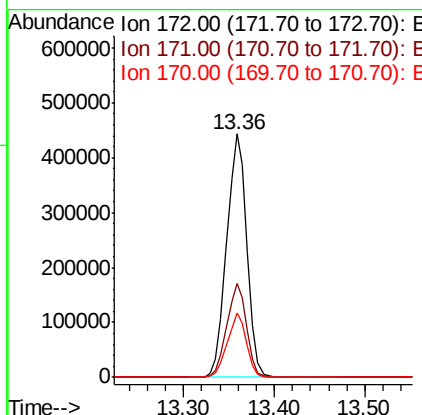
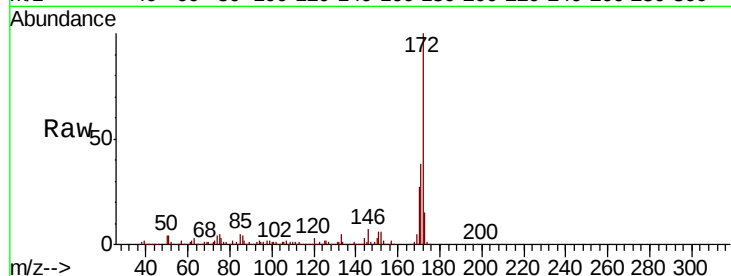




#45
 2-Fluorobiphenyl
 Concen: 79.757 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

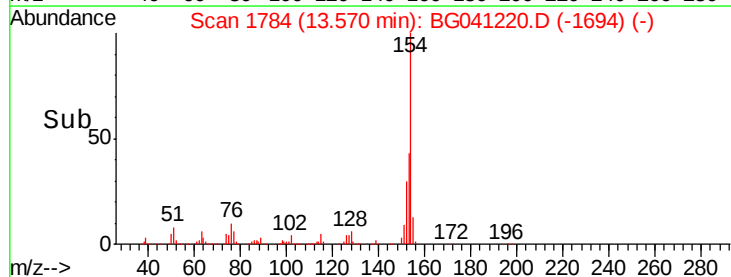
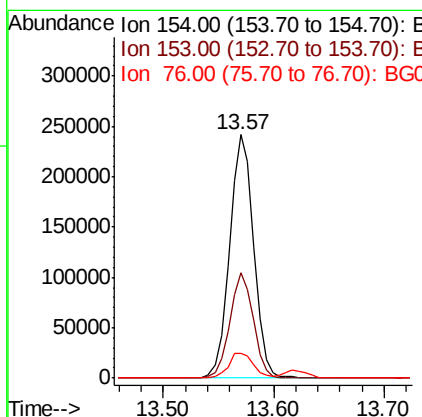
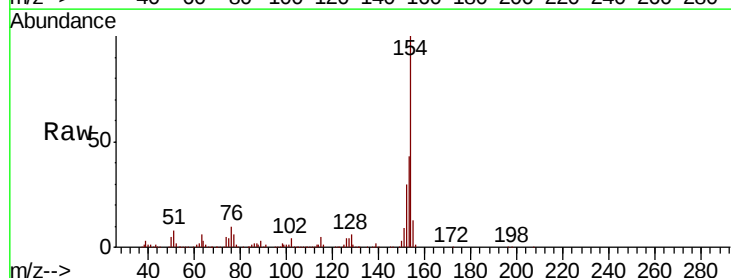
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

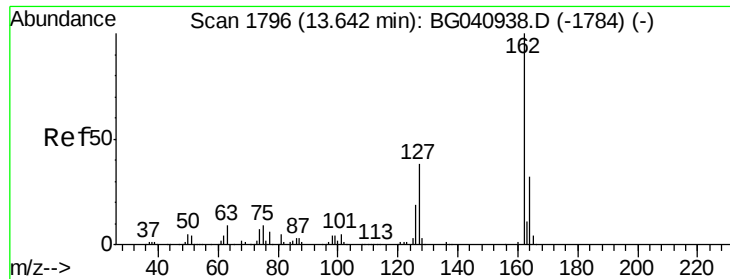
Tgt Ion:	172	Resp:	681277
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.1	46.7
170	26.6	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 40.332 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion:	154	Resp:	367254
Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.3	63.3
76	10.4	0.0	31.1

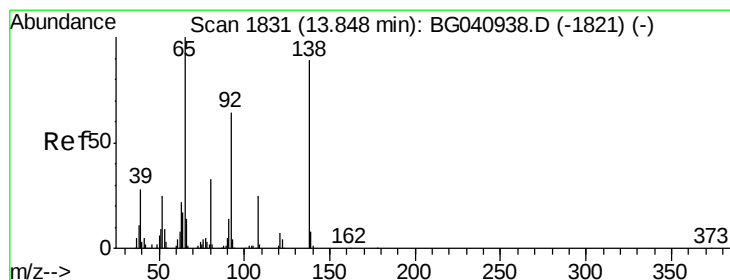
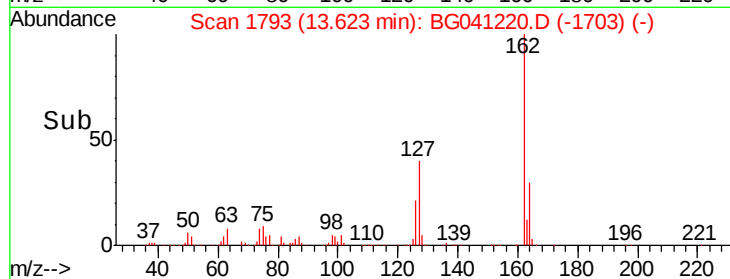
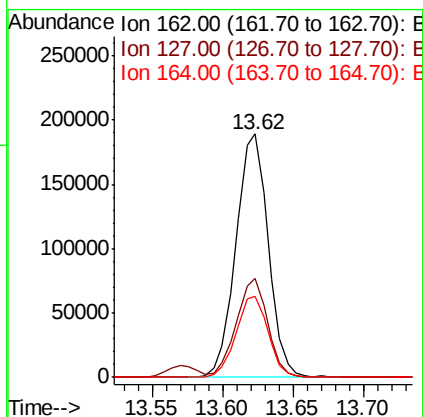
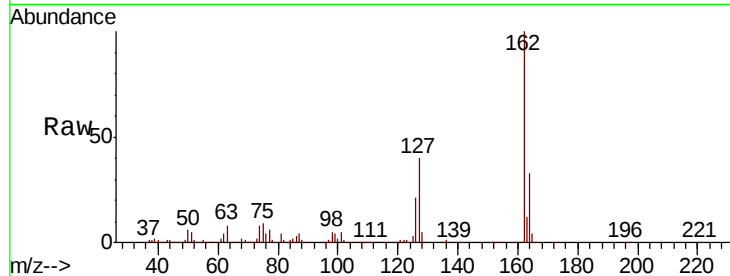




#47
 2-Chloronaphthalene
 Concen: 38.681 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

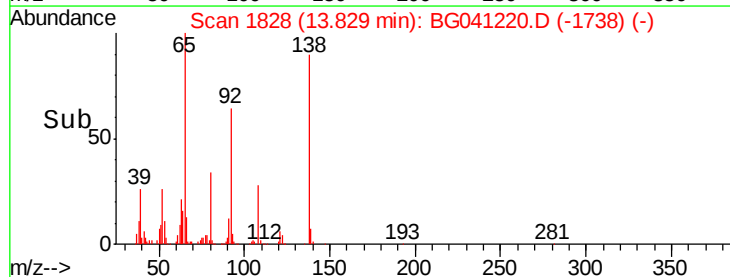
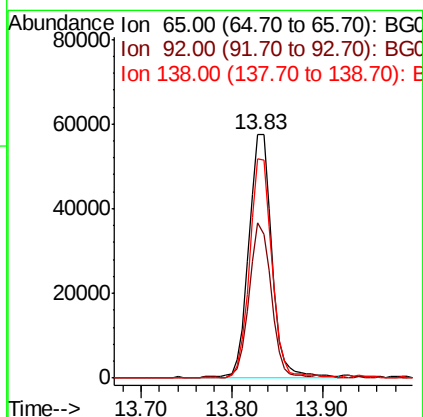
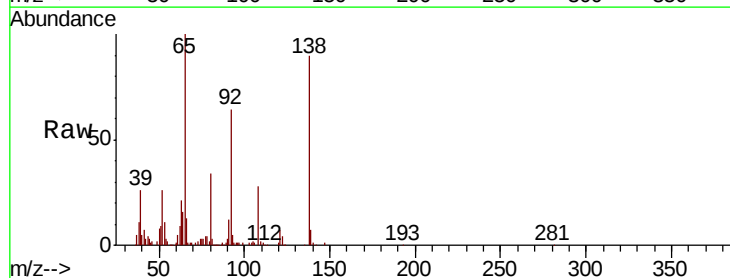
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

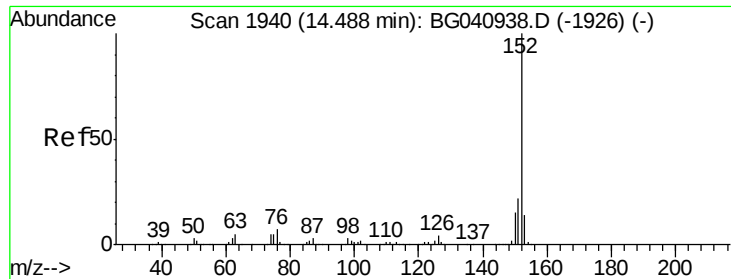
Tgt Ion: 162 Resp: 302369
 Ion Ratio Lower Upper
 162 100
 127 40.4 30.5 45.7
 164 33.3 25.8 38.6



#48
 2-Nitroaniline
 Concen: 36.284 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion: 65 Resp: 101752
 Ion Ratio Lower Upper
 65 100
 92 63.7 51.0 76.6
 138 89.9 71.2 106.8





#49

Acenaphthylene

Concen: 39.648 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

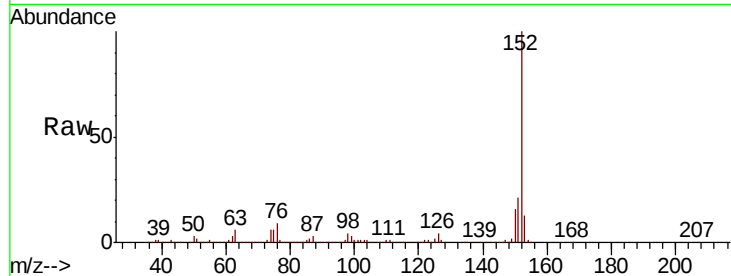
Tgt Ion:152 Resp: 466464

Ion Ratio Lower Upper

152 100

151 20.9 17.4 26.0

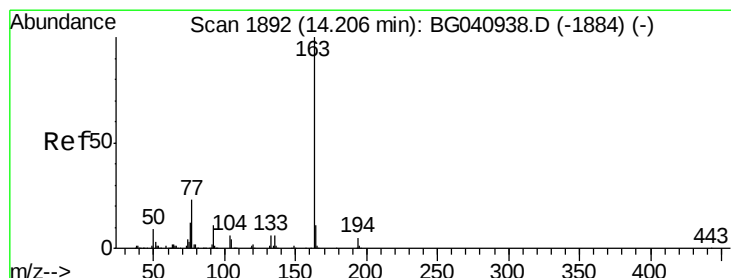
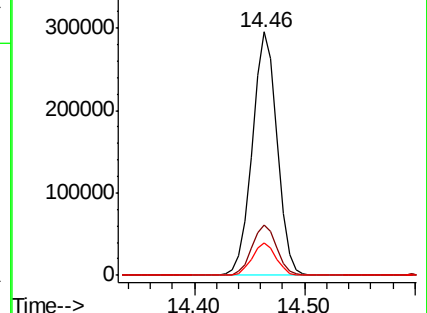
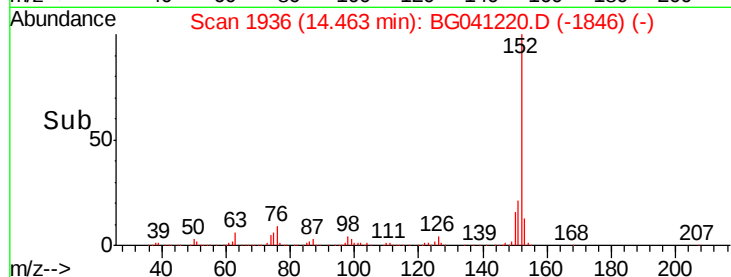
153 13.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.121 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

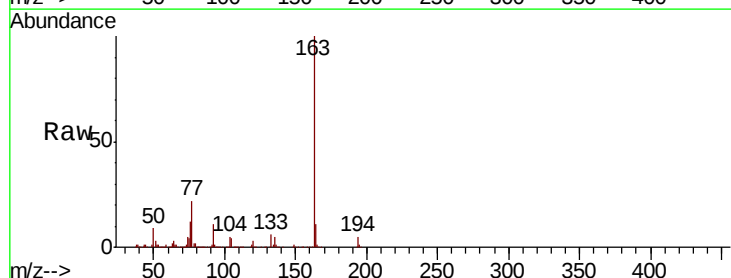
Tgt Ion:163 Resp: 428196

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

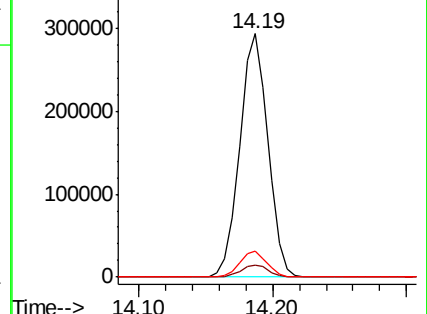
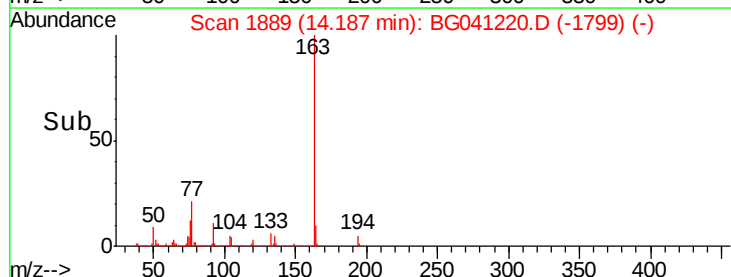
164 10.6 8.7 13.1

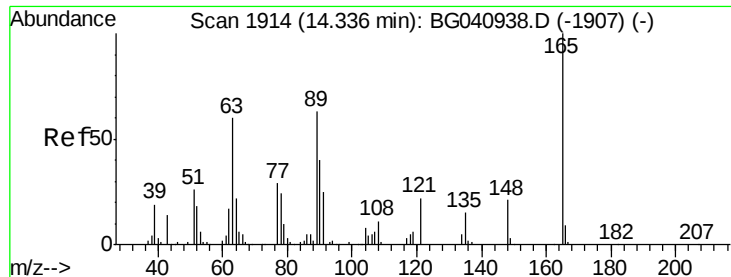


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.720 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

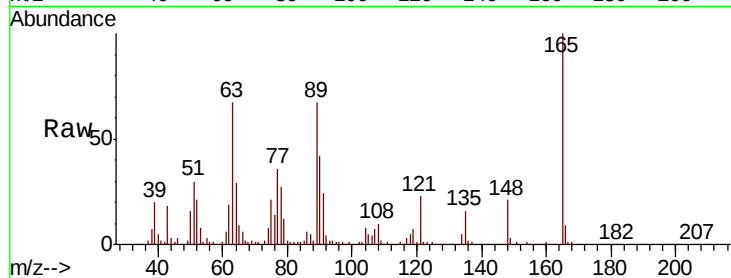
Tgt Ion:165 Resp: 86933

Ion Ratio Lower Upper

165 100

63 66.7 53.6 80.4

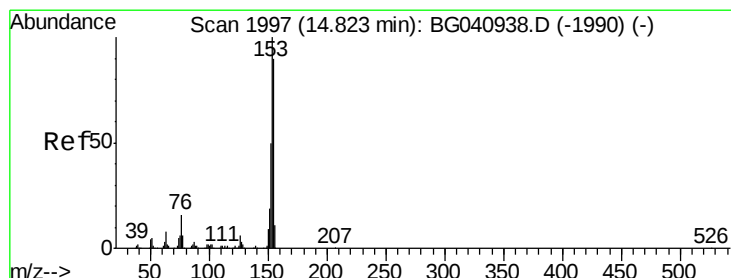
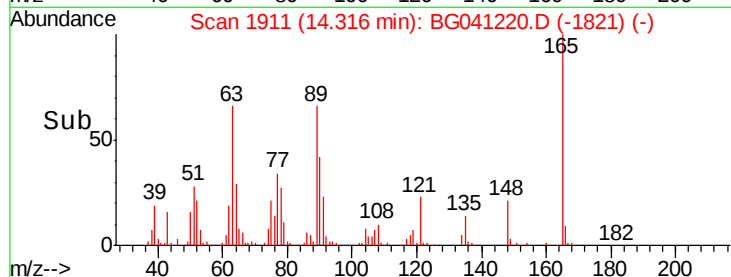
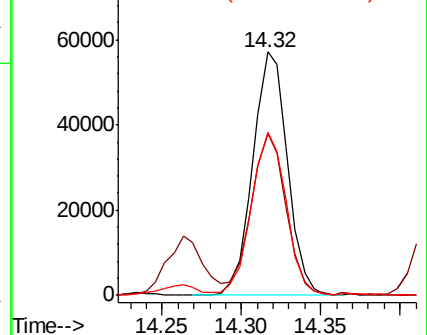
89 66.7 50.4 75.6



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



#52

Acenaphthene

Concen: 38.541 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

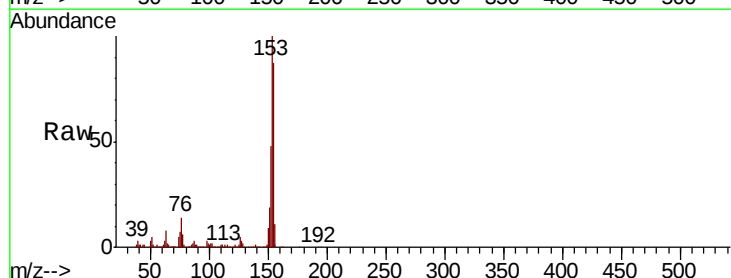
Tgt Ion:154 Resp: 274695

Ion Ratio Lower Upper

154 100

153 114.8 88.6 133.0

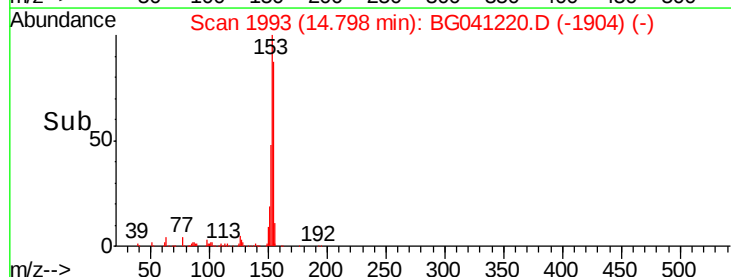
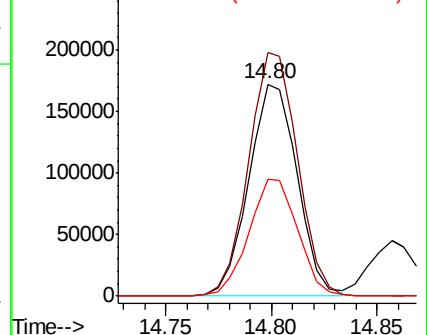
152 55.3 44.2 66.4

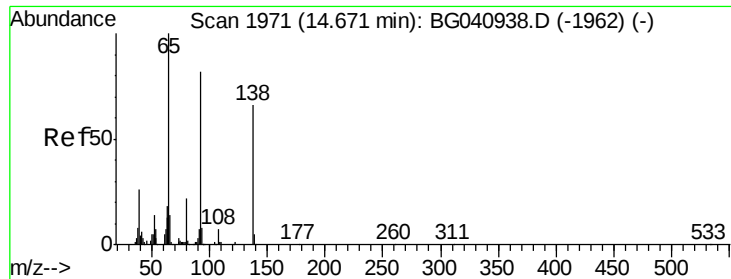


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.675 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

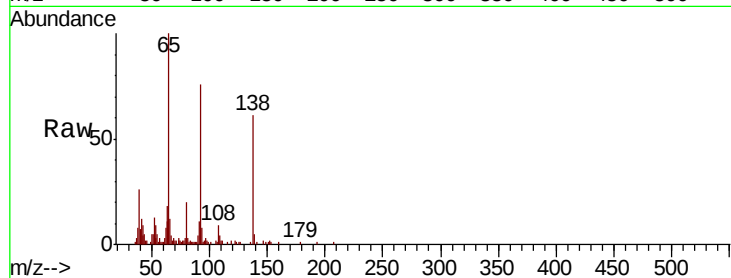
Tgt Ion:138 Resp: 26212

Ion Ratio Lower Upper

138 100

108 14.1 8.5 12.7#

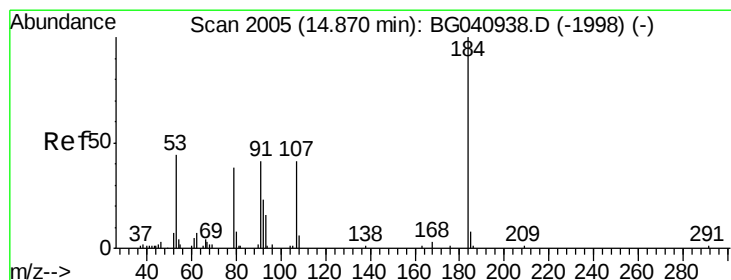
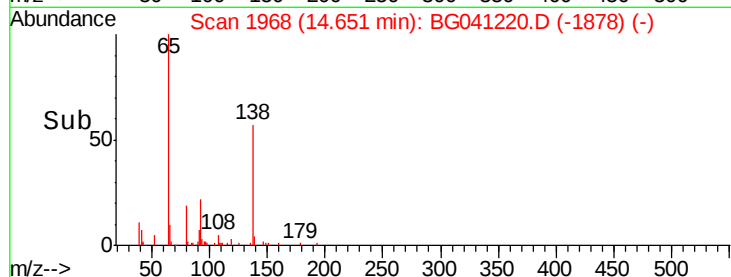
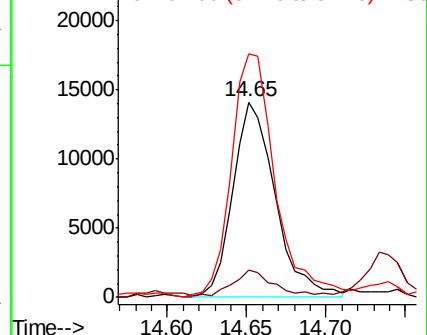
92 124.6 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 88.625 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

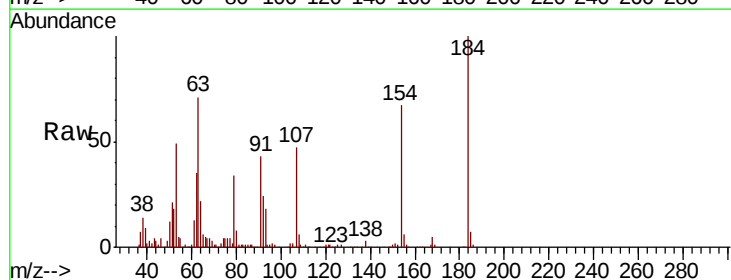
Tgt Ion:184 Resp: 108544

Ion Ratio Lower Upper

184 100

63 70.6 49.8 74.6

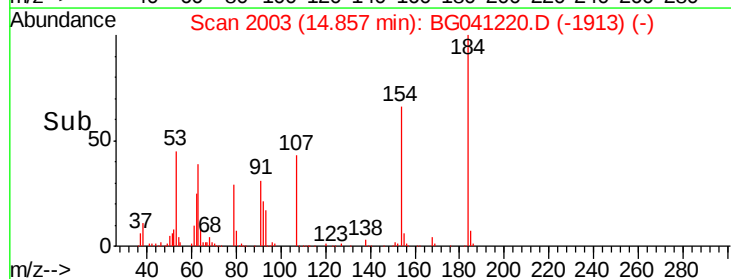
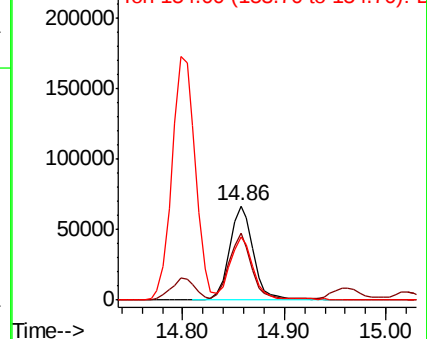
154 67.0 52.2 78.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

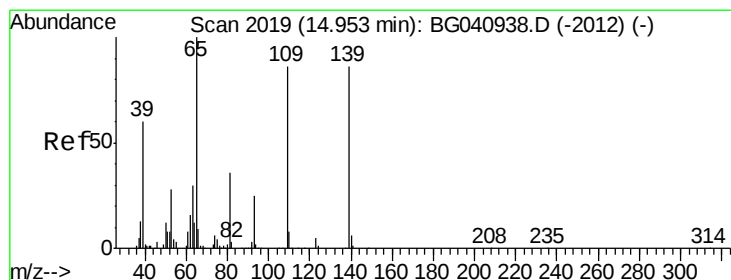
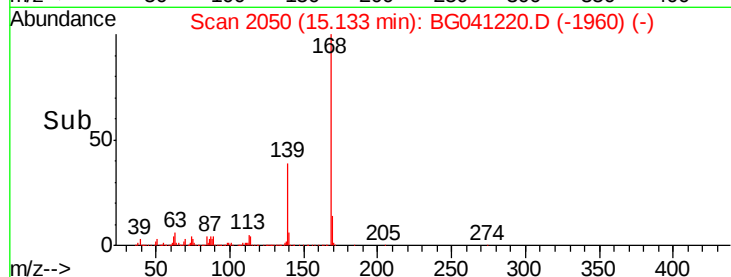
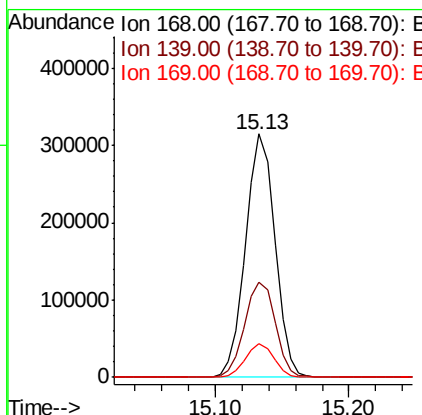
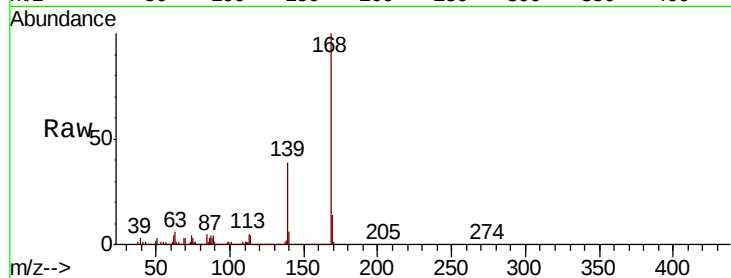




#55
Dibenzo(f,h)quinoxaline
Concen: 39.892 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

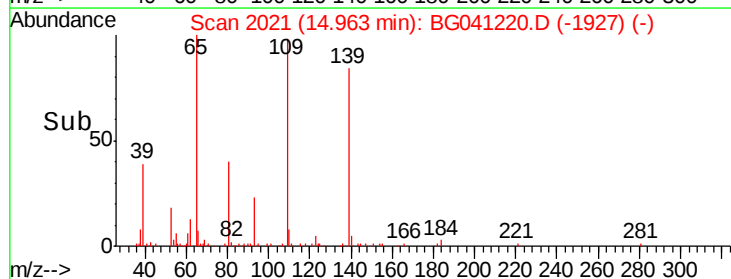
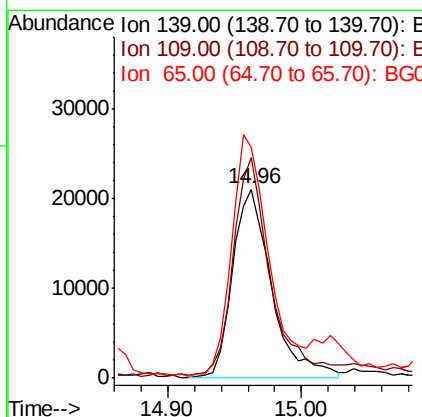
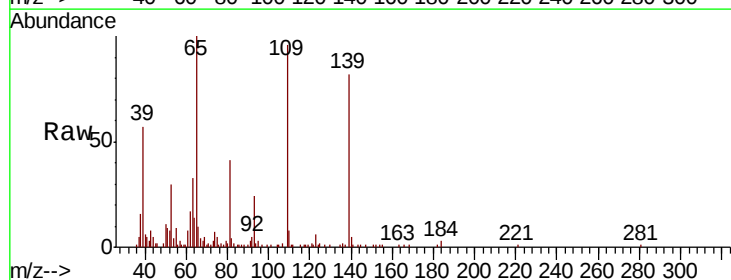
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.8	49.2
169	13.8	11.3	16.9



#56
4-Nitrophenol
Concen: 27.846 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	117.1	79.6	119.6
65	122.5	96.9	136.9

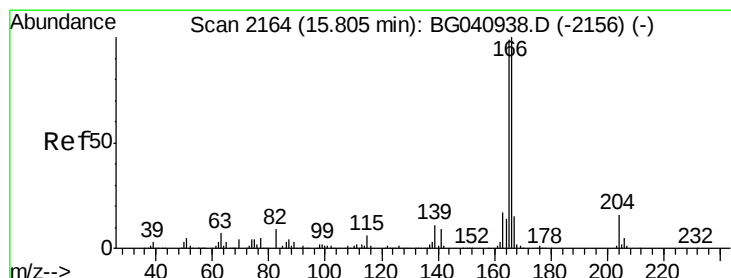
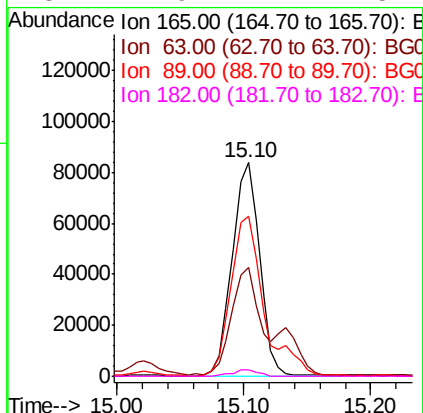
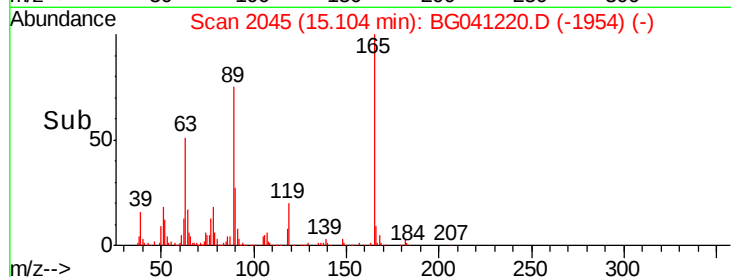
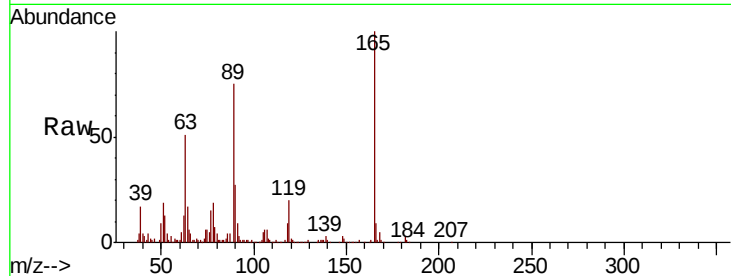




#57
2,4-Dinitrotoluene
Concen: 39.762 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

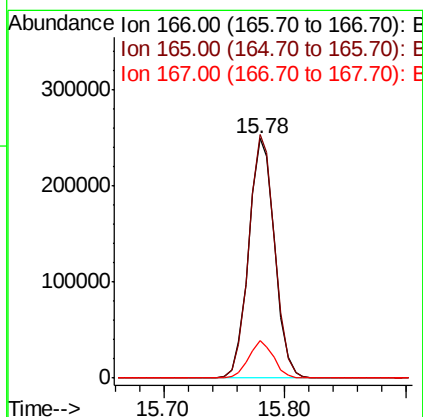
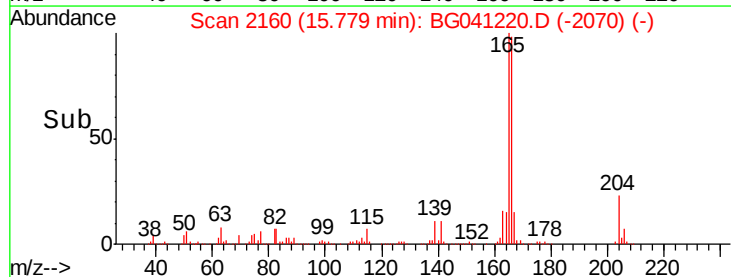
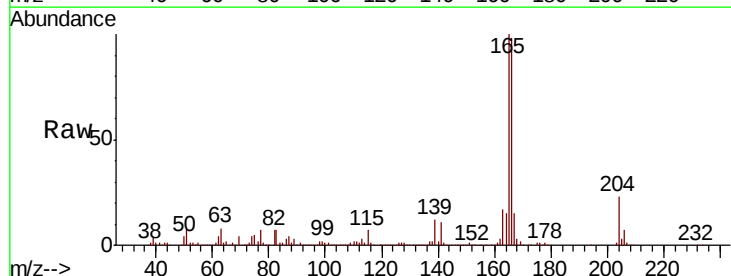
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:165 Resp: 126103
Ion Ratio Lower Upper
165 100
63 50.9 37.3 55.9
89 75.0 61.0 91.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 39.050 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:166 Resp: 372963
Ion Ratio Lower Upper
166 100
165 101.7 79.2 118.8
167 15.5 11.8 17.6

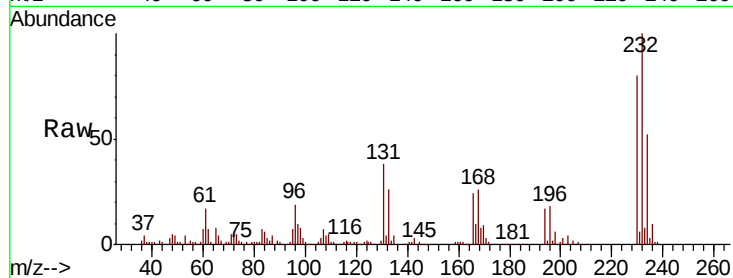




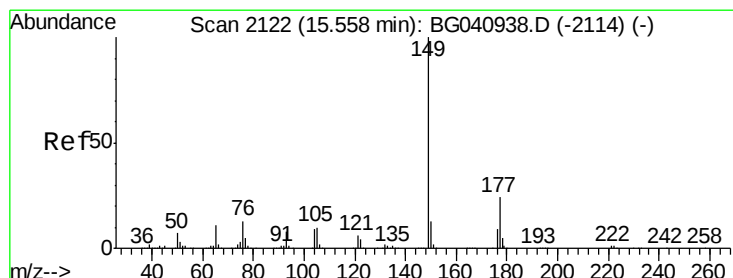
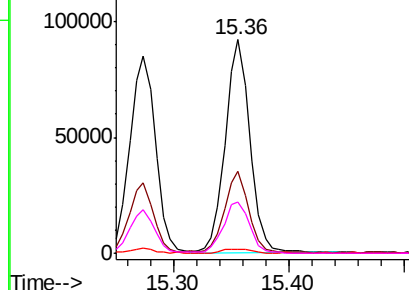
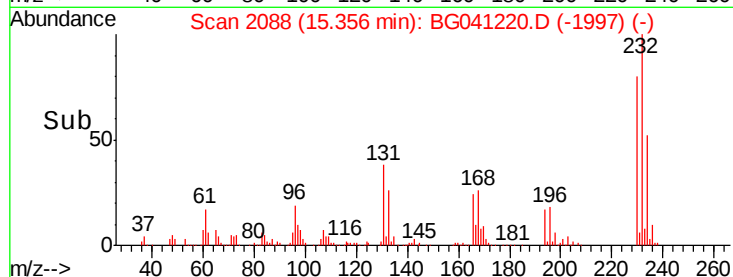
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.878 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampled :
 TI-658MS

Tgt Ion:	232	Resp:	135891
Ion	Ratio	Lower	Upper
232	100		
131	37.3	30.3	45.5
130	2.5	1.8	2.8
166	25.7	21.3	31.9

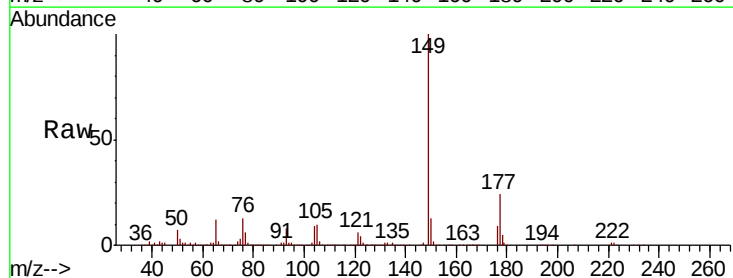


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

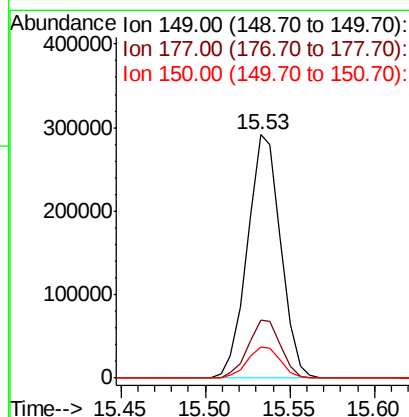
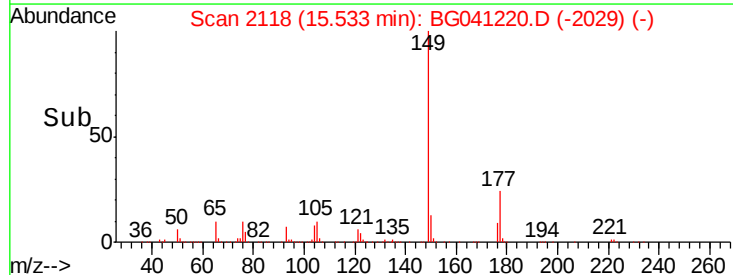


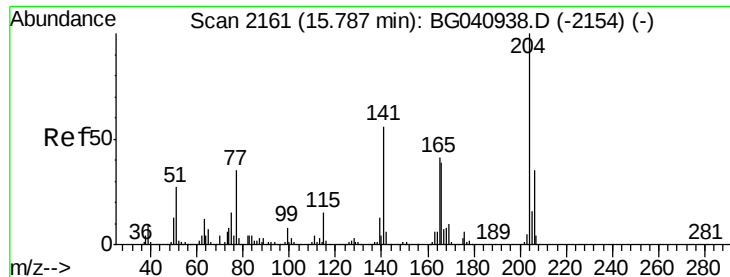
#60
 Diethylphthalate
 Concen: 37.713 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion:	149	Resp:	400766
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	13.0	10.3	15.5



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

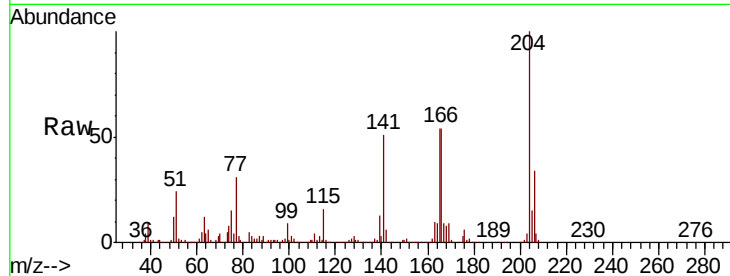




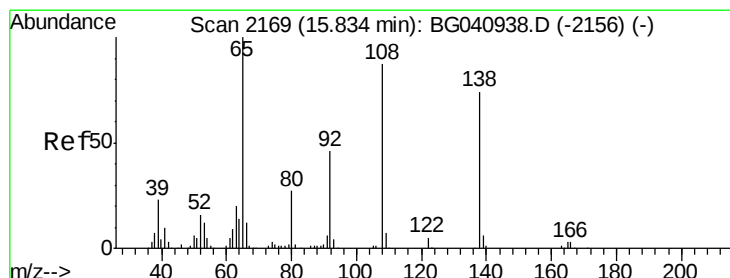
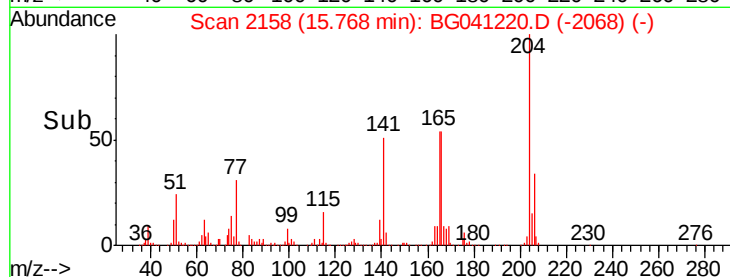
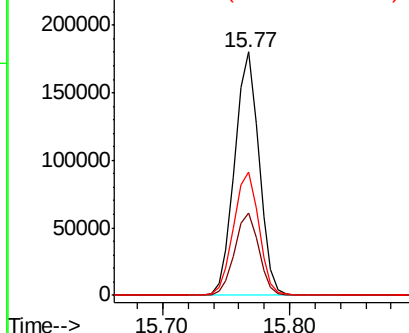
#61
 4-Chlorophenyl-phenylether
 Concen: 38.418 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tgt Ion: 204 Resp: 238491
 Ion Ratio Lower Upper
 204 100
 206 33.9 27.6 41.4
 141 50.8 45.1 67.7

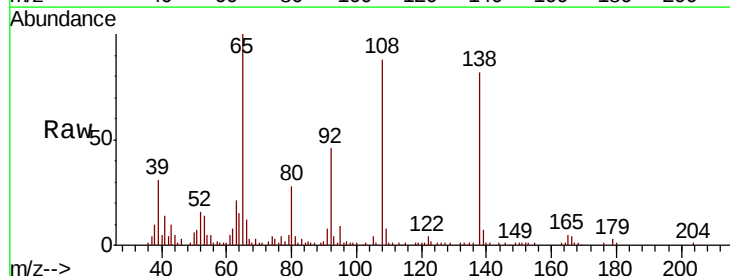


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

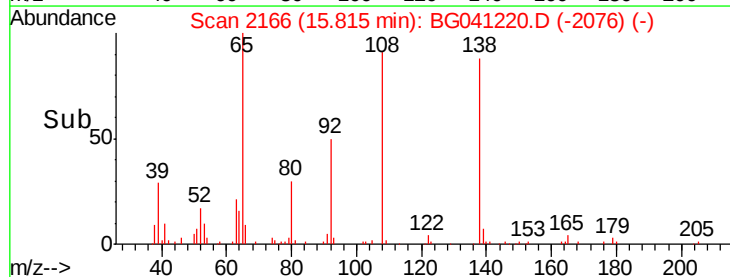
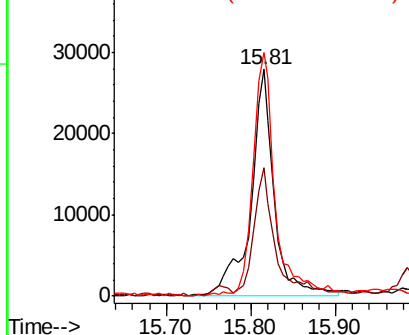


#62
 4-Nitroaniline
 Concen: 22.986 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion: 138 Resp: 54634
 Ion Ratio Lower Upper
 138 100
 92 56.6 42.4 82.4
 108 107.5 96.9 136.9



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: 39.099 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

Tgt Ion: 77 Resp: 377641

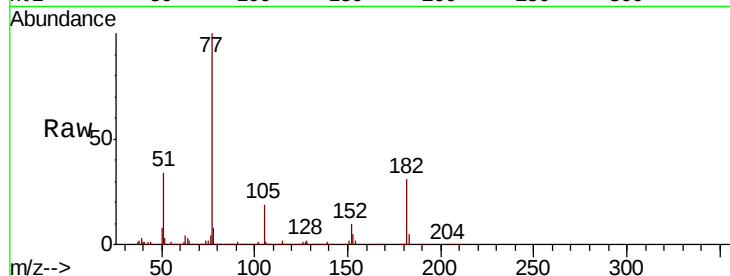
Ion Ratio Lower Upper

77 100

182 30.9 9.6 49.6

105 18.8 0.0 37.5

51 34.4 13.7 53.7

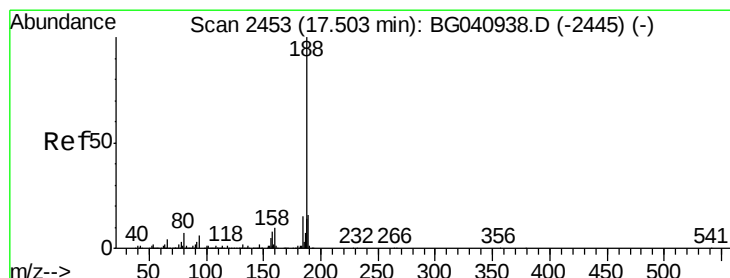
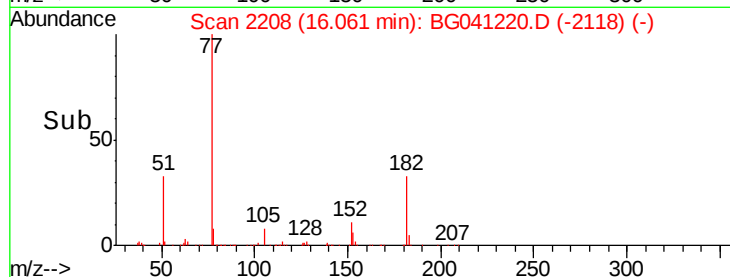
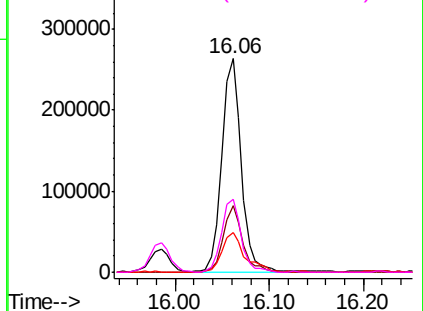


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

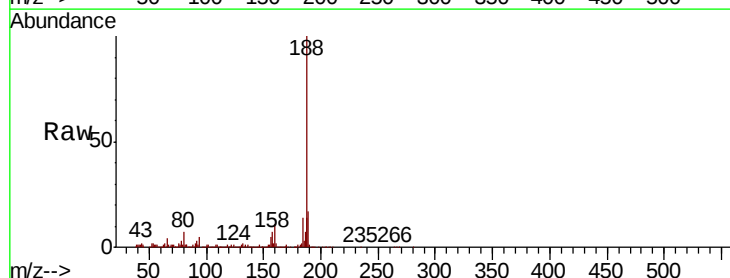
Tgt Ion: 188 Resp: 300027

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

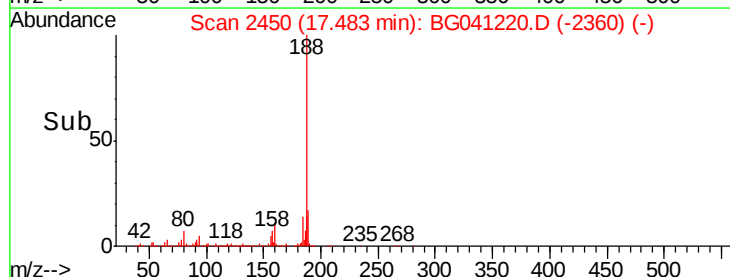
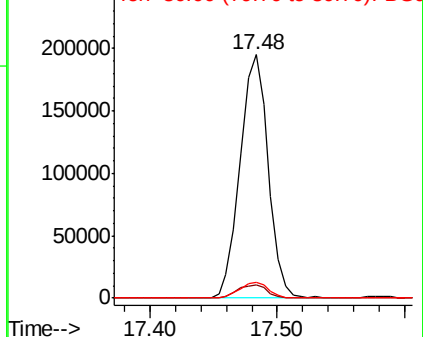
80 6.7 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.716 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

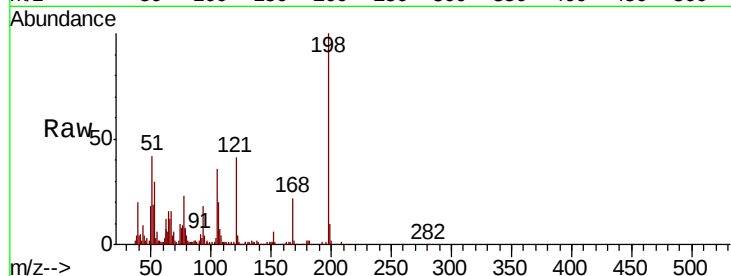
Tgt Ion:198 Resp: 74657

Ion Ratio Lower Upper

198 100

51 42.1 21.6 61.6

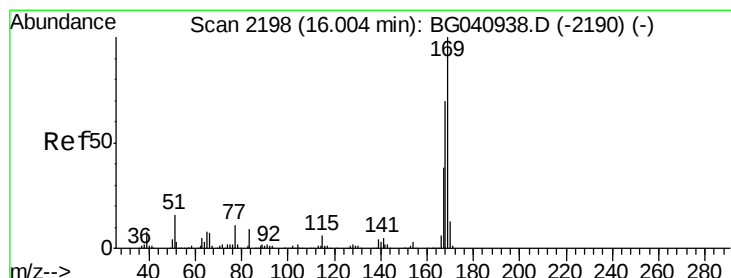
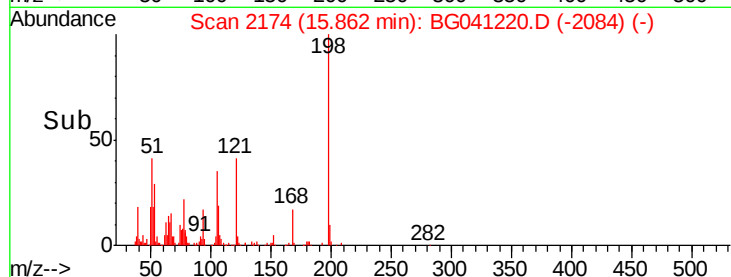
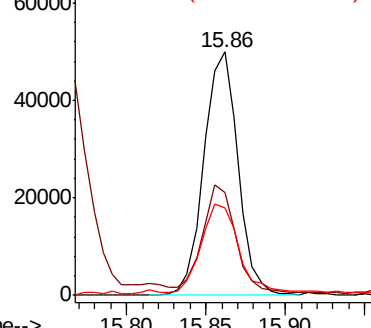
105 36.0 17.5 57.5



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: 40.269 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

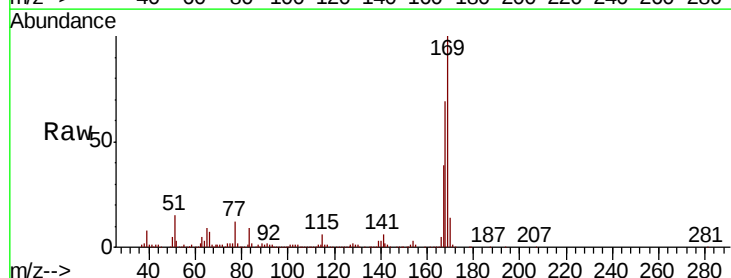
Tgt Ion:169 Resp: 339634

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

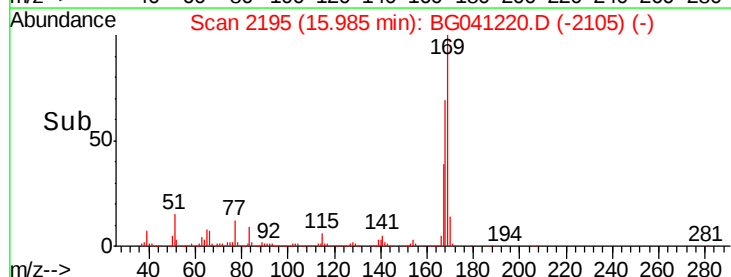
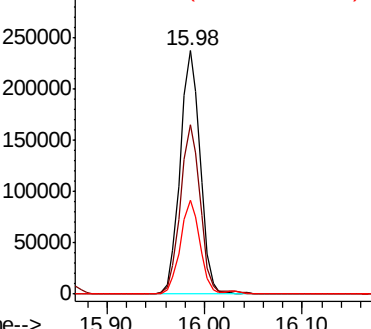
167 38.8 30.2 45.2

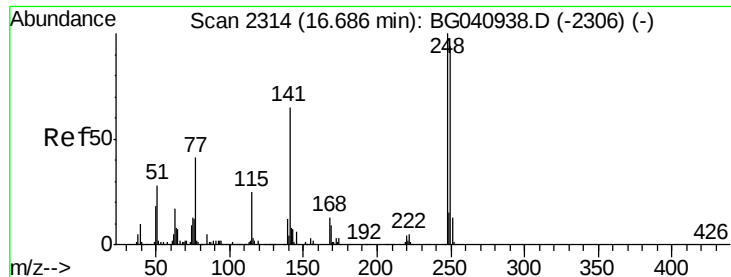


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

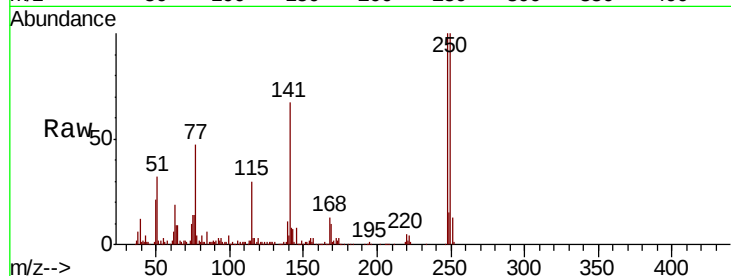




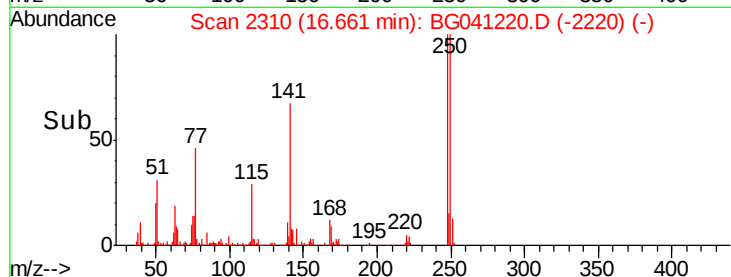
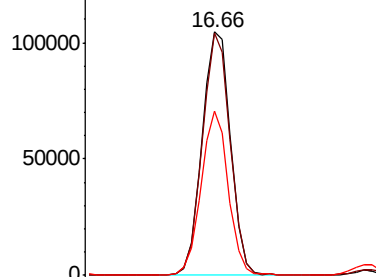
#67
4-Bromophenyl-phenylether
Concen: 38.424 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion: 248 Resp: 155578
Ion Ratio Lower Upper
248 100
250 99.7 75.0 112.4
141 67.3 52.4 78.6

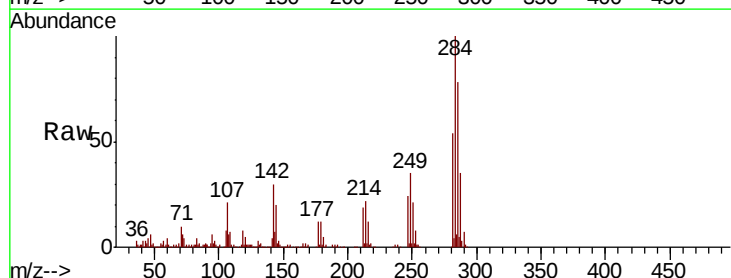


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

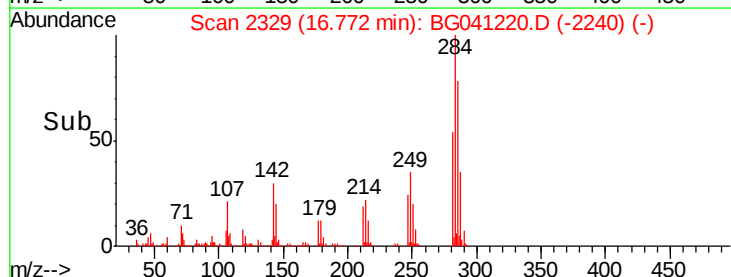
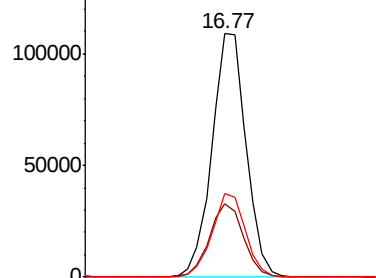


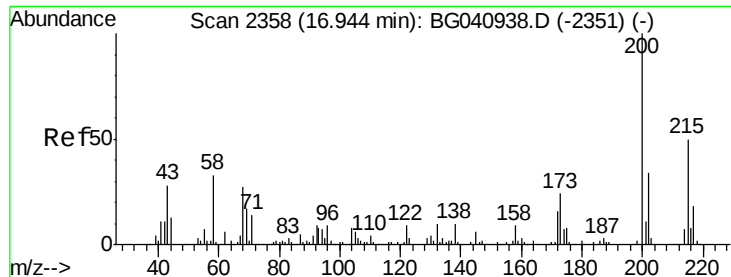
#68
Hexachlorobenzene
Concen: 37.717 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion: 284 Resp: 162616
Ion Ratio Lower Upper
284 100
142 29.9 23.9 35.9
249 34.6 26.8 40.2



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: 42.213 ng

RT: 16.93 min Scan# 2356

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

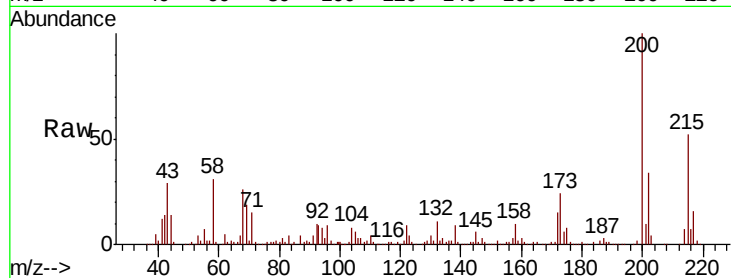
Tgt Ion:200 Resp: 137375

Ion Ratio Lower Upper

200 100

173 23.5 3.6 43.6

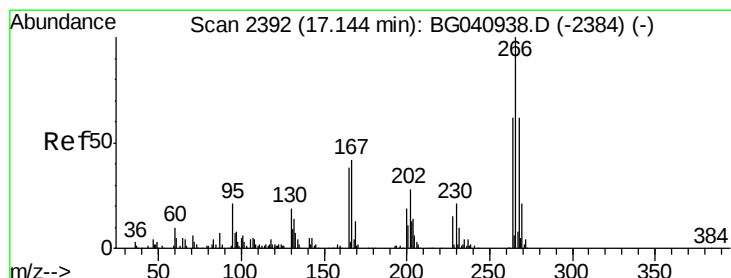
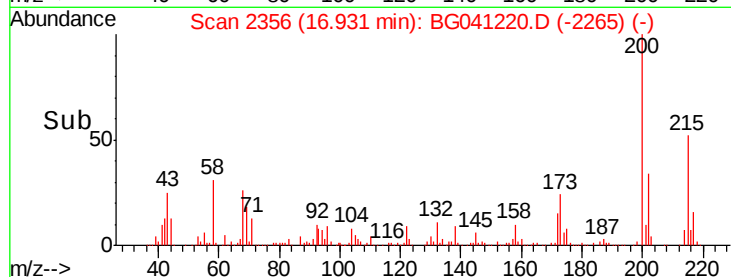
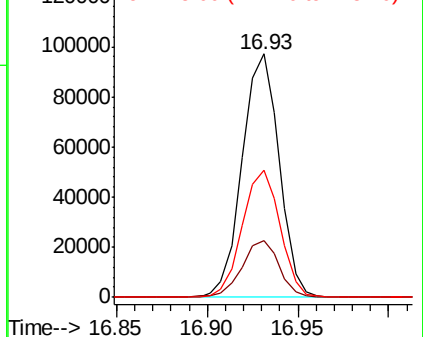
215 52.4 29.6 69.6



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: 84.979 ng

RT: 17.12 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

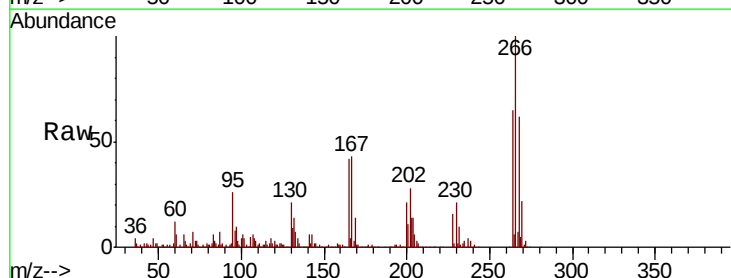
Tgt Ion:266 Resp: 196921

Ion Ratio Lower Upper

266 100

268 62.3 53.1 79.7

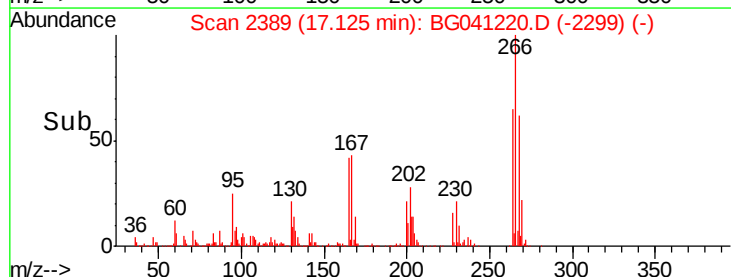
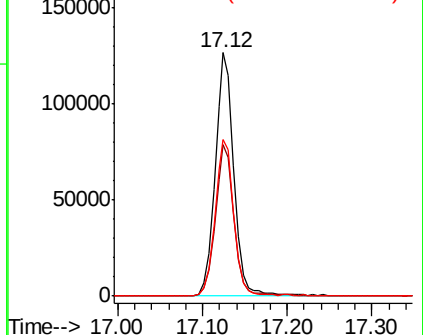
264 64.6 49.9 74.9

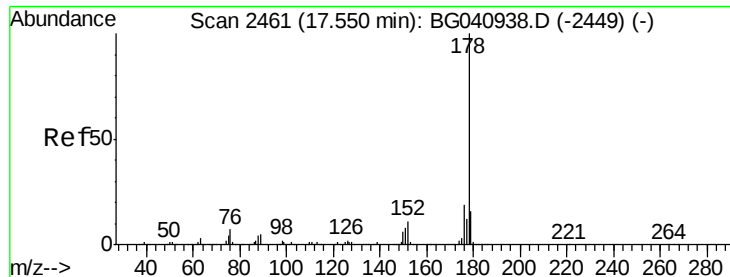


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

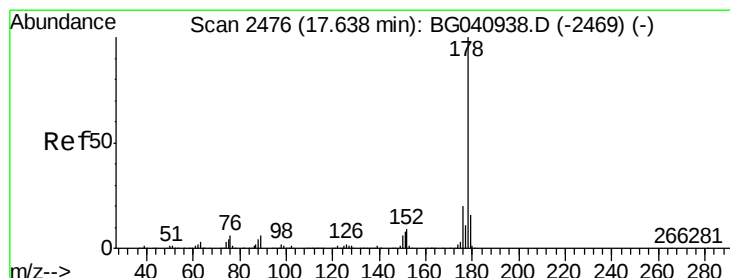
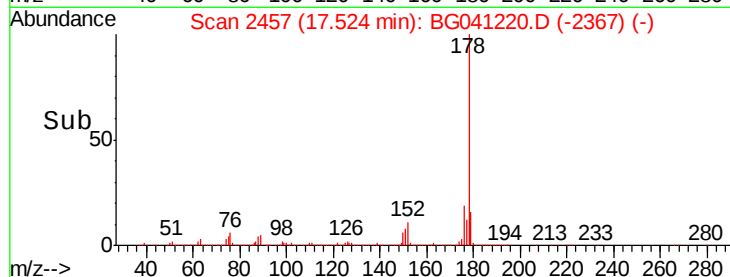
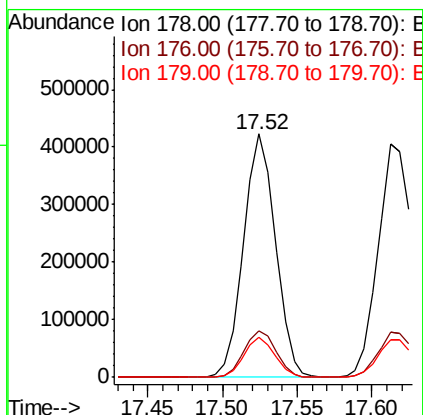
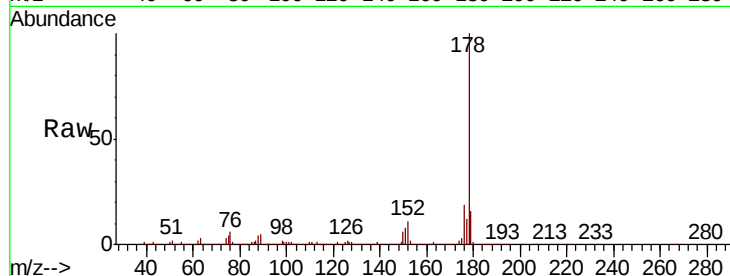




#71
Phenanthrene
Concen: 40.141 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

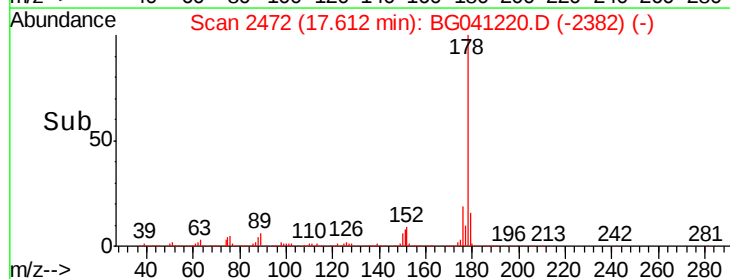
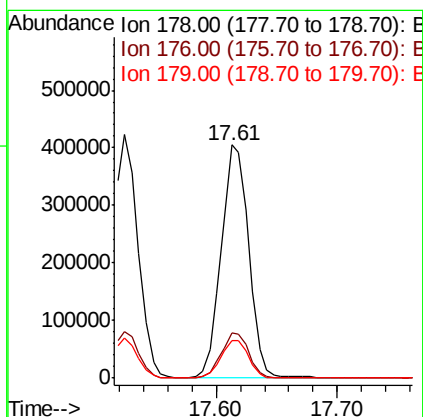
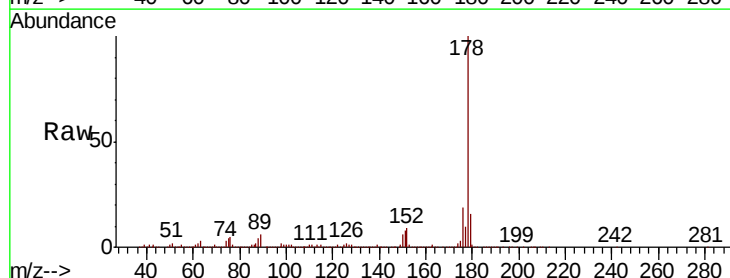
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:178 Resp: 627319
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 16.3 12.7 19.1



#72
Anthracene
Concen: 41.129 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:178 Resp: 633933
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.3 13.0 19.4

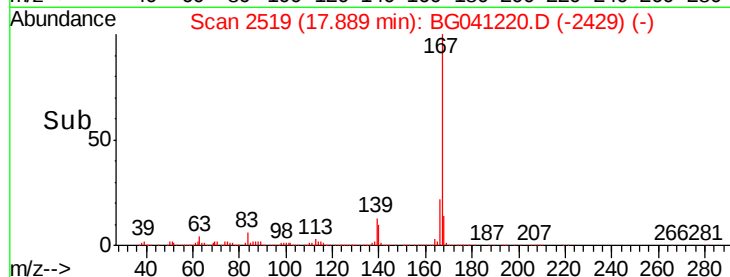
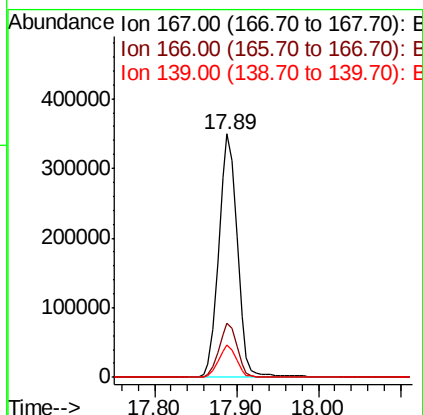
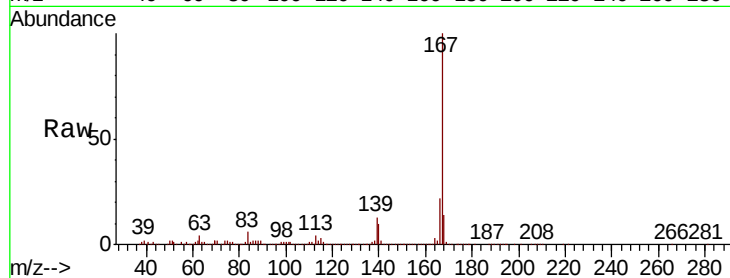




#73
 Carbazole
 Concen: 41.836 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

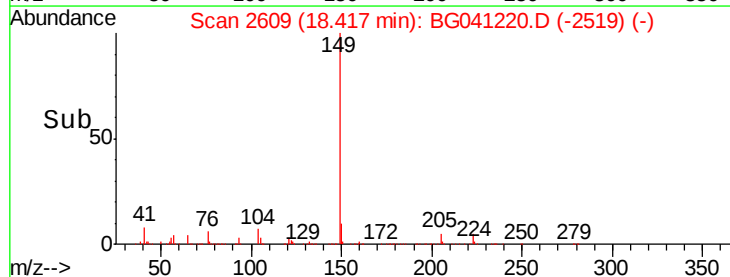
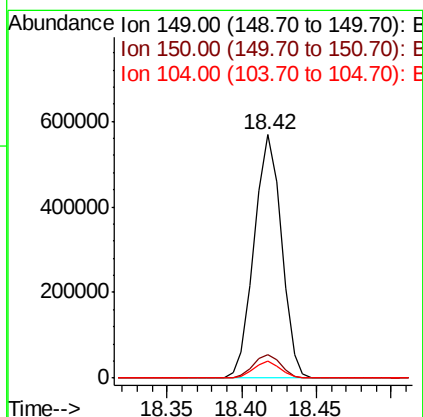
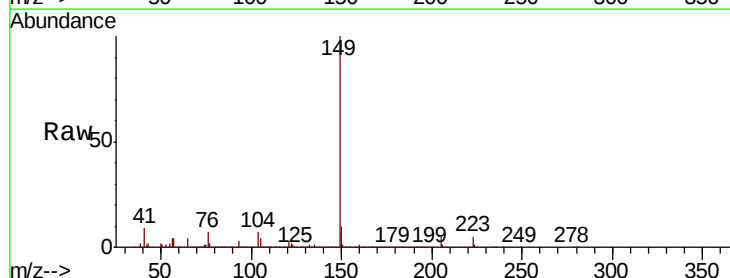
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

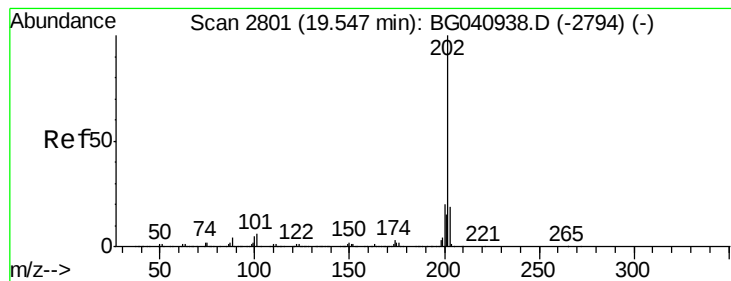
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 43.753 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 41.686 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

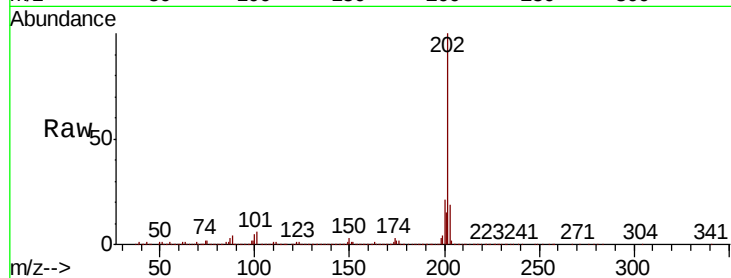
Tgt Ion:202 Resp: 804663

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

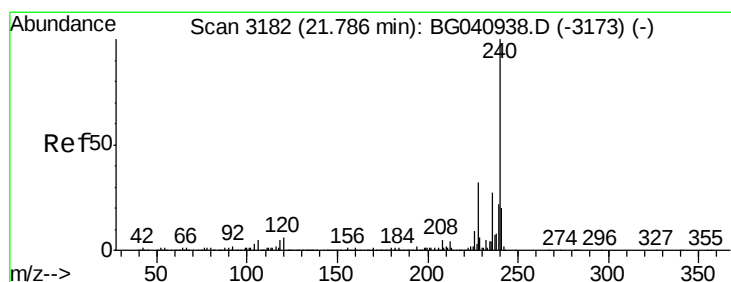
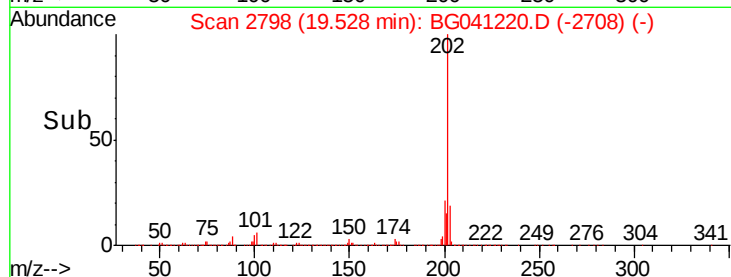
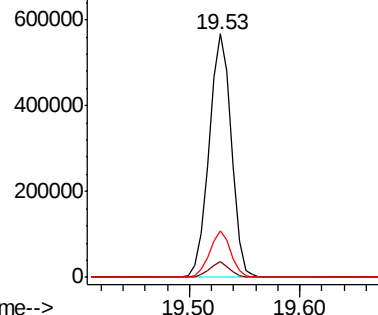
203 19.3 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

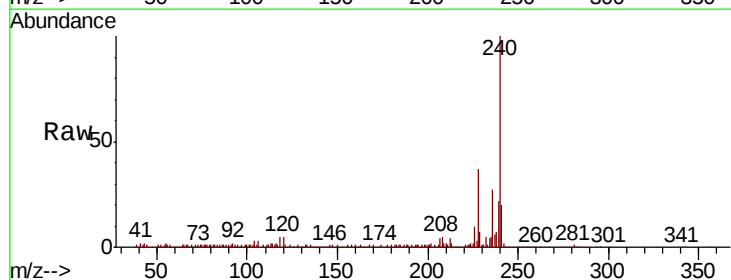
Tgt Ion:240 Resp: 302263

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

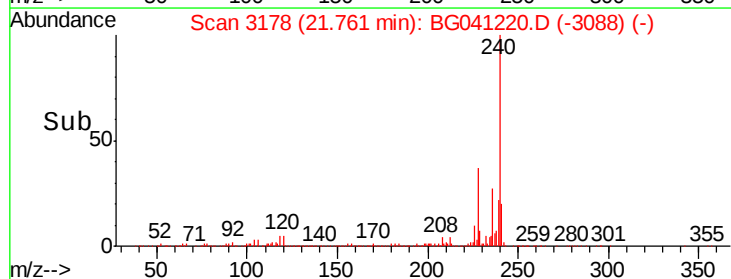
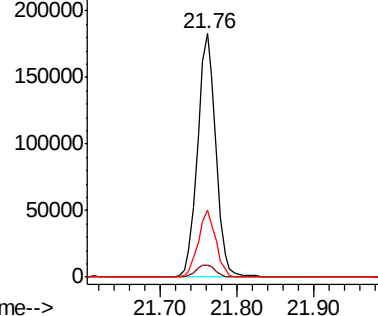
236 27.5 21.3 31.9

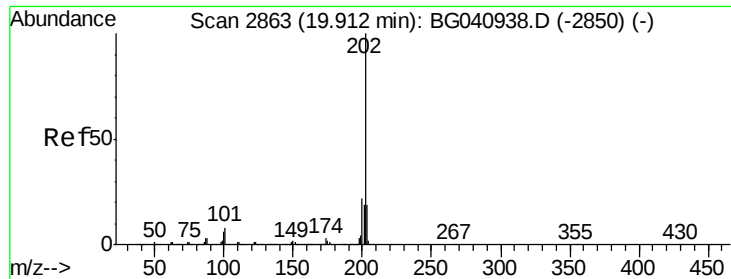


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

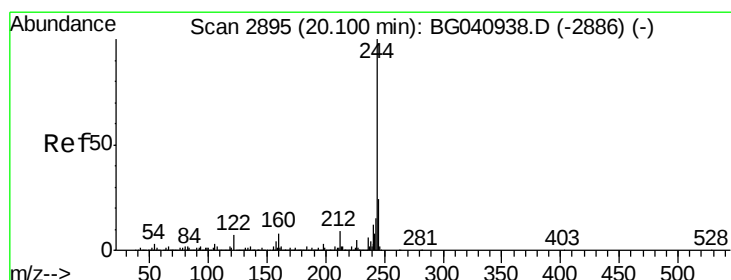
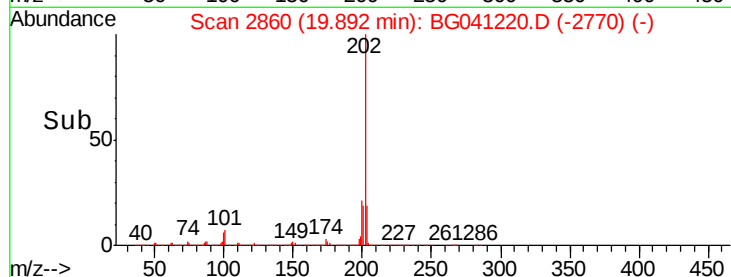
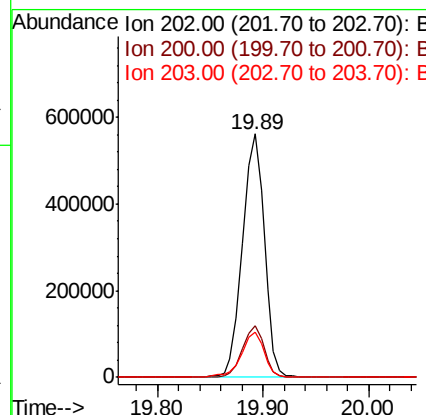
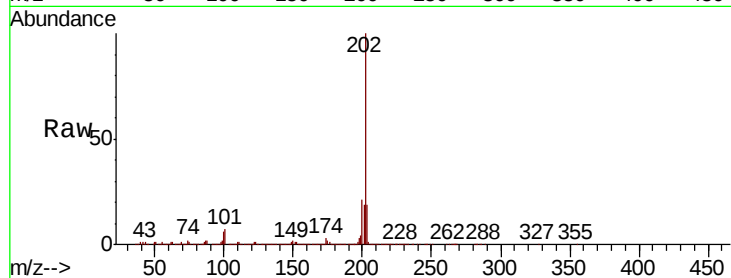




#78
 Pyrene
 Concen: 40.913 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

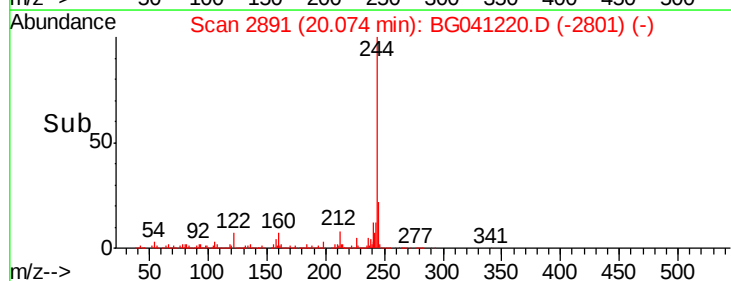
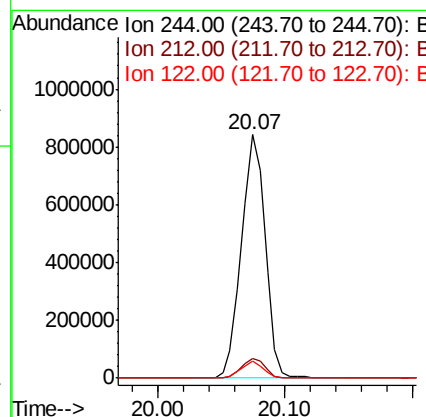
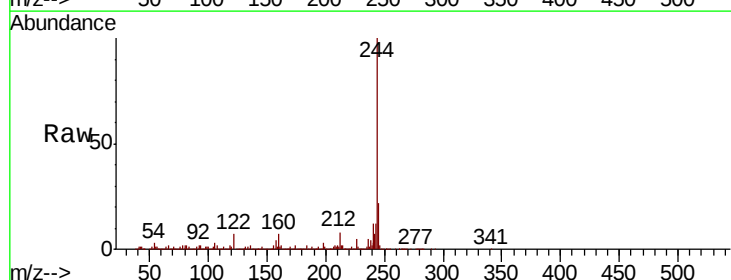
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

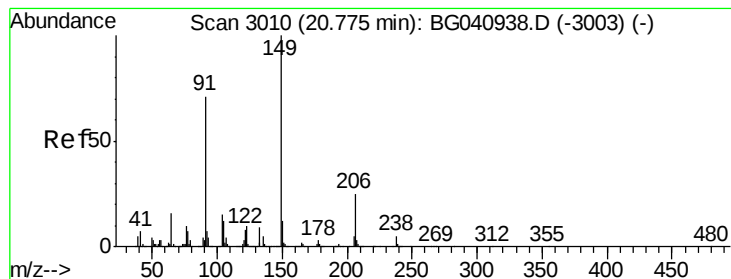
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.6	15.6	23.4



#79
 Terphenyl-d14
 Concen: 76.643 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	6.8	5.4	8.0





#80

Butylbenzylphthalate

Concen: 39.919 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

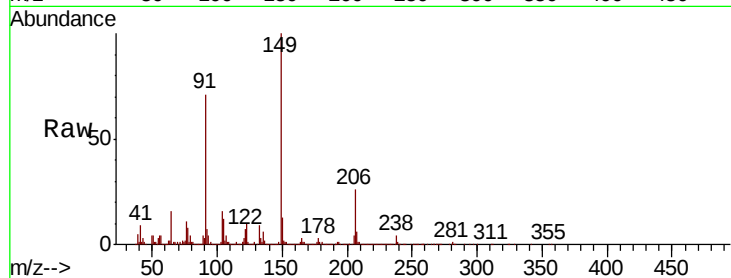
Tgt Ion:149 Resp: 305245

Ion Ratio Lower Upper

149 100

91 70.6 56.5 84.7

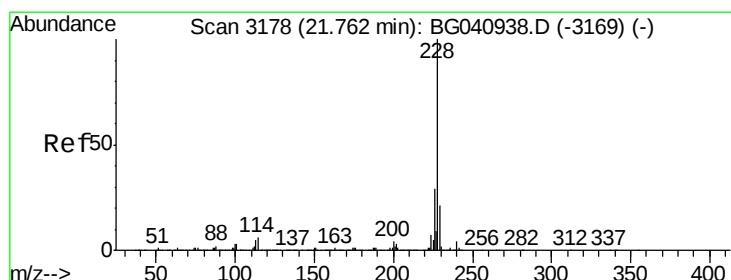
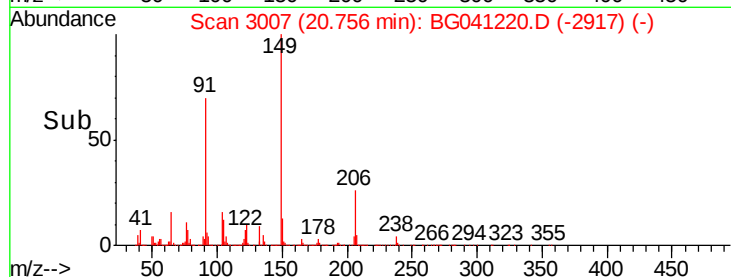
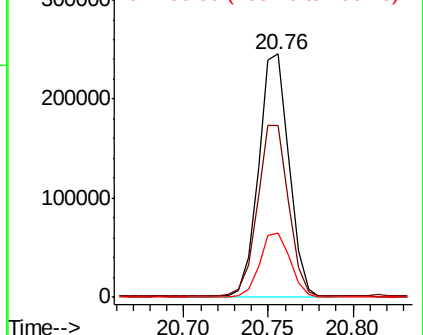
206 26.4 20.3 30.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 38.800 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

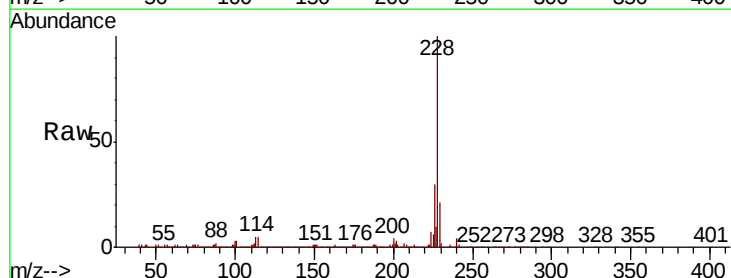
Tgt Ion:228 Resp: 780668

Ion Ratio Lower Upper

228 100

226 29.5 23.5 35.3

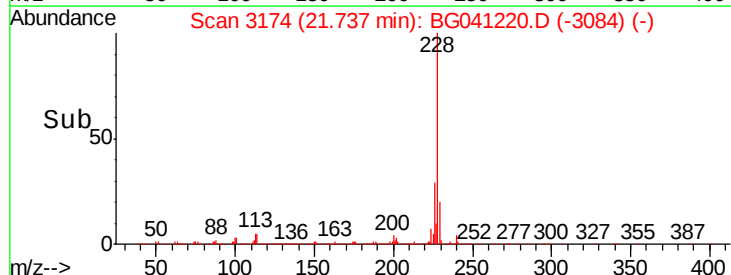
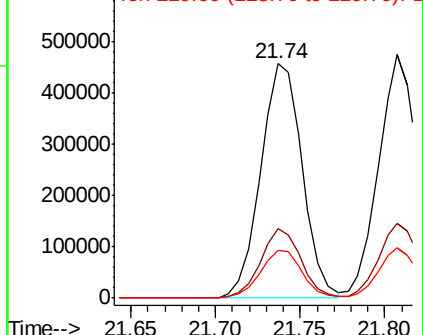
229 20.6 16.7 25.1

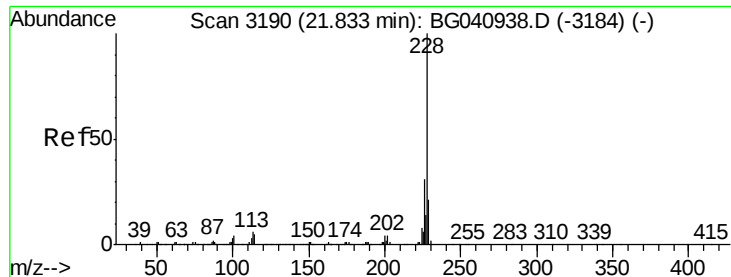


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 39.851 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

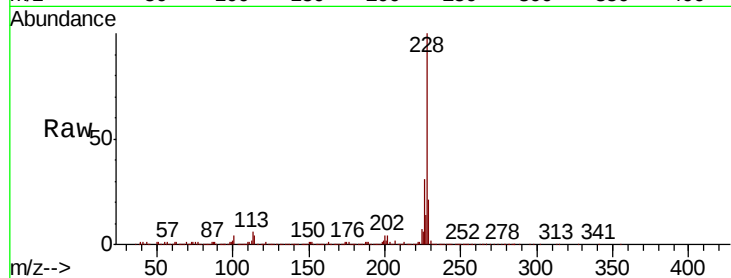
Tgt Ion:228 Resp: 767303

Ion Ratio Lower Upper

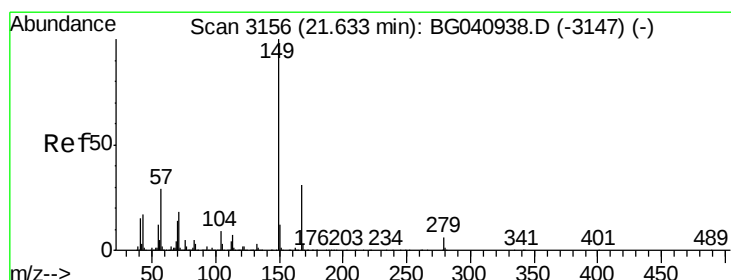
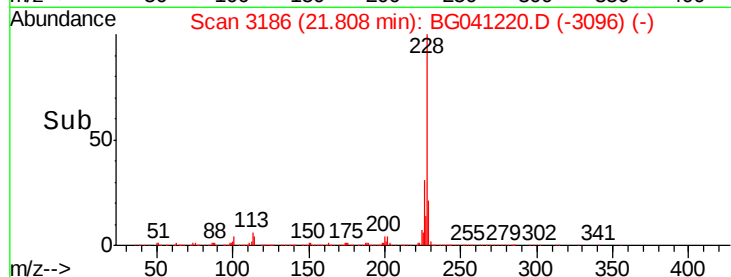
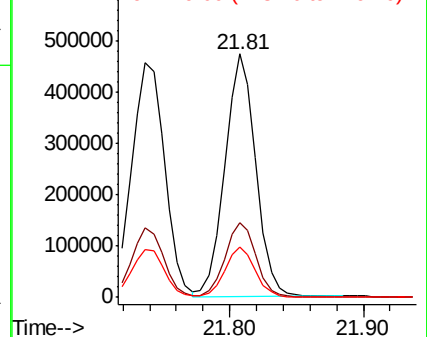
228 100

226 30.9 24.6 37.0

229 20.7 16.6 24.8



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: 39.004 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

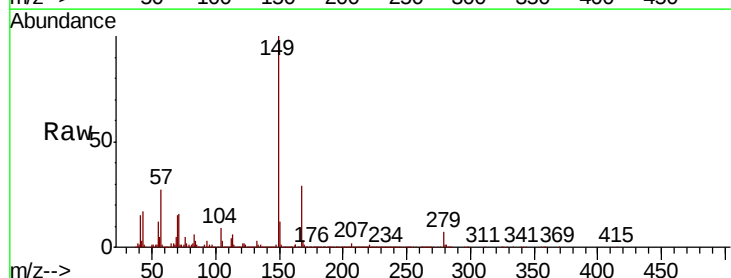
Tgt Ion:149 Resp: 419843

Ion Ratio Lower Upper

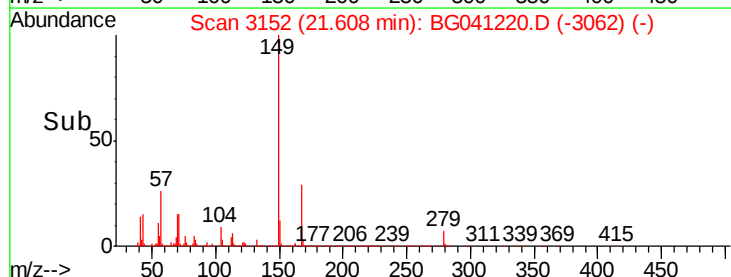
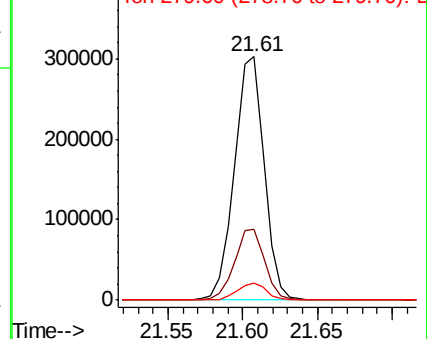
149 100

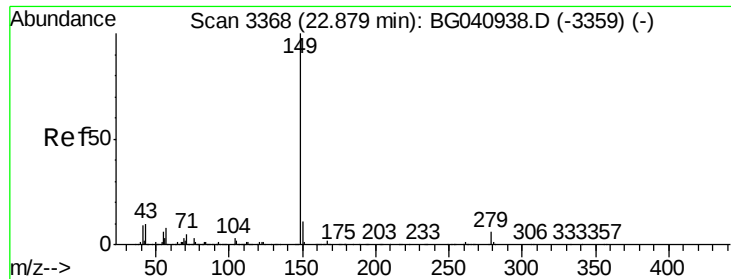
167 29.2 24.6 37.0

279 6.9 5.0 7.6



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: 39.955 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

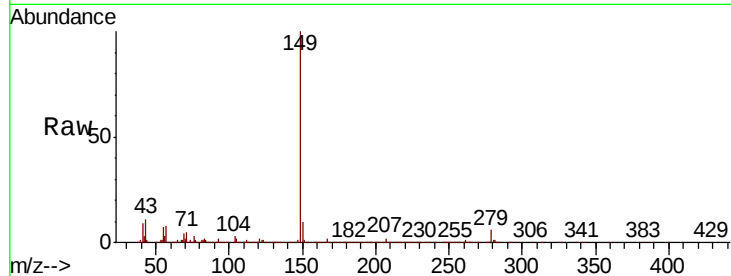
Tgt Ion:149 Resp: 716277

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

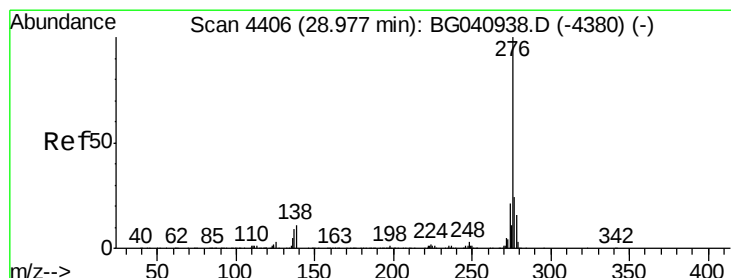
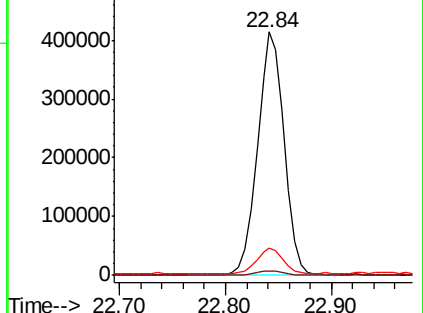
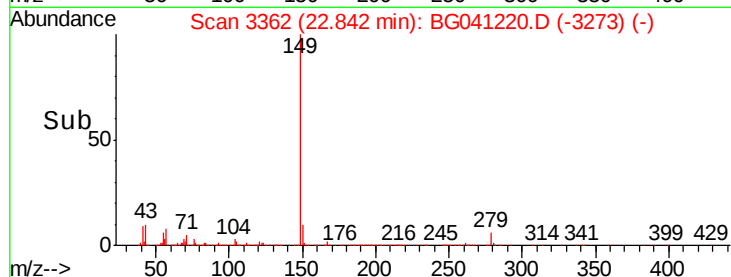
43 10.3 8.1 12.1



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: 35.043 ng

RT: 28.91 min Scan# 4395

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

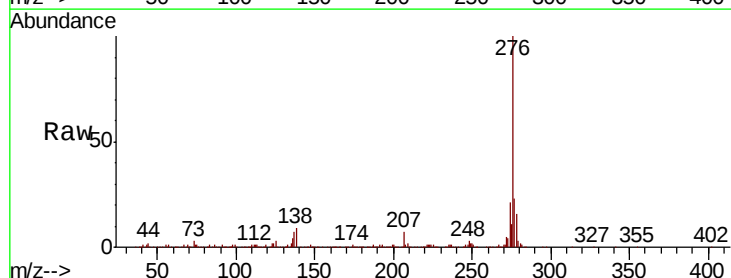
Tgt Ion:276 Resp: 826533

Ion Ratio Lower Upper

276 100

138 3.4 5.7 8.5#

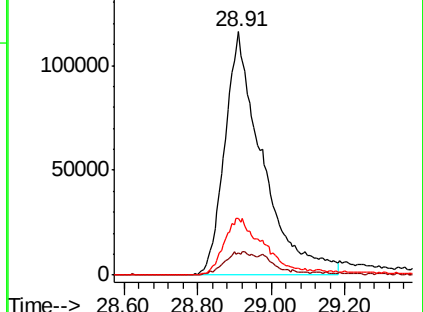
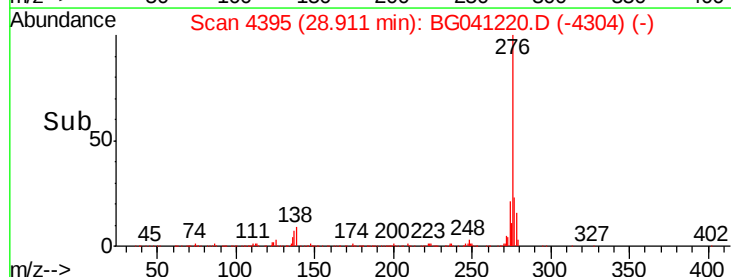
277 24.5 20.8 31.2

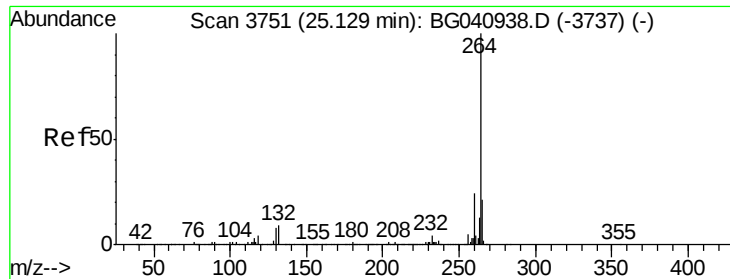


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

ClientSampleId :

TI-658MS

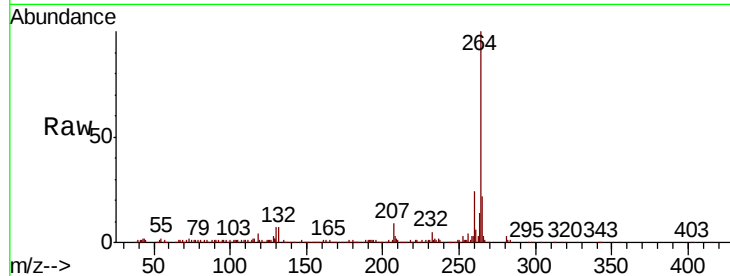
Tgt Ion:264 Resp: 319533

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

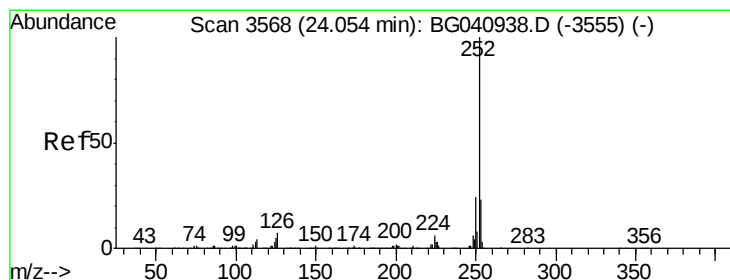
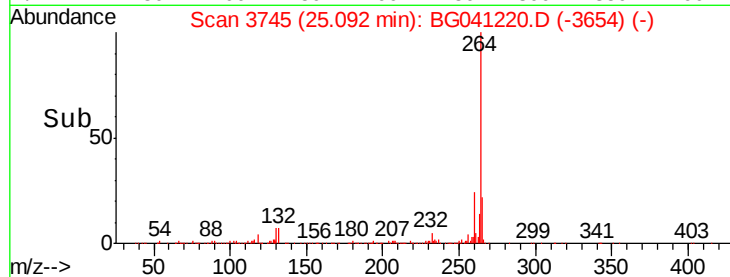
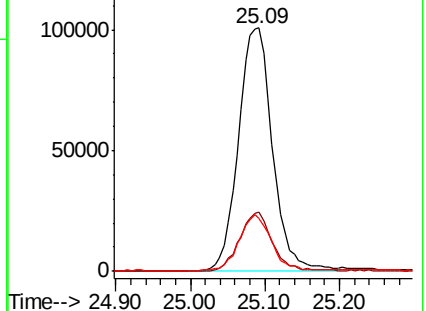
265 22.0 17.0 25.4



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: 41.017 ng

RT: 24.02 min Scan# 3563

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

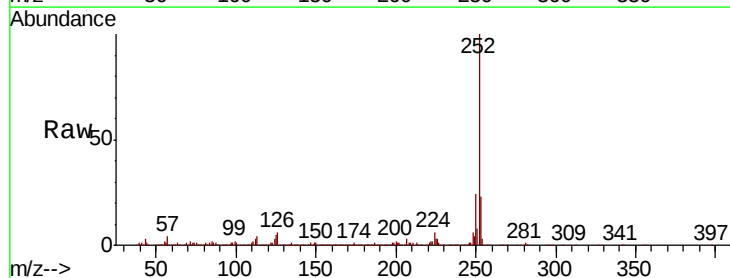
Tgt Ion:252 Resp: 794941

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

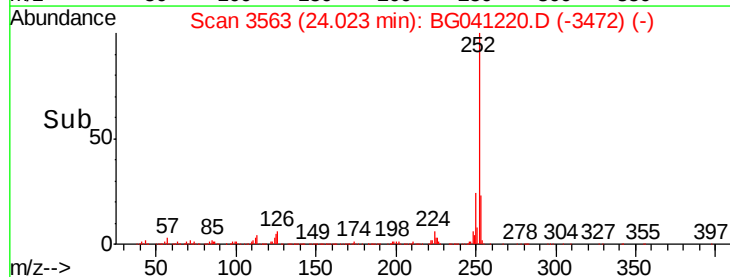
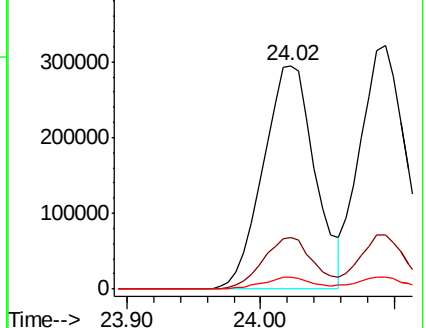
125 5.2 4.3 6.5

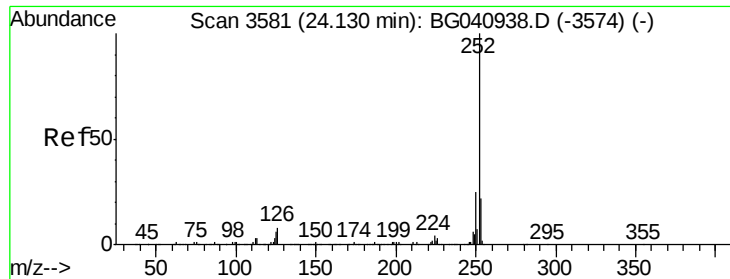


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

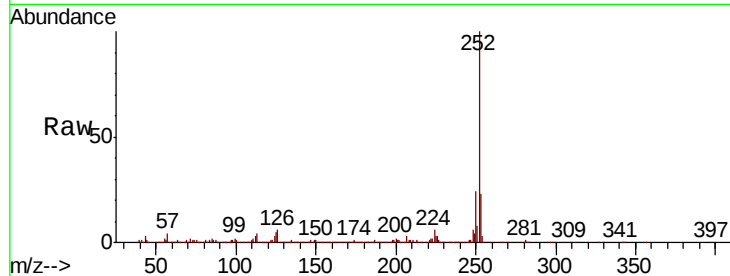




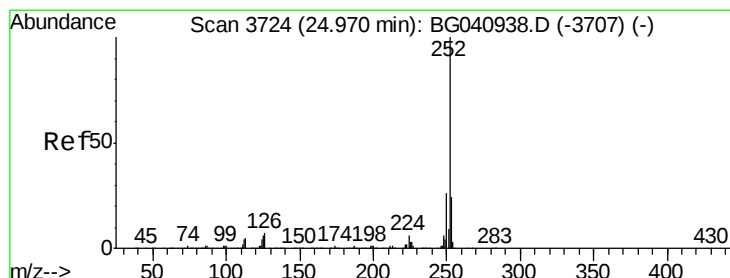
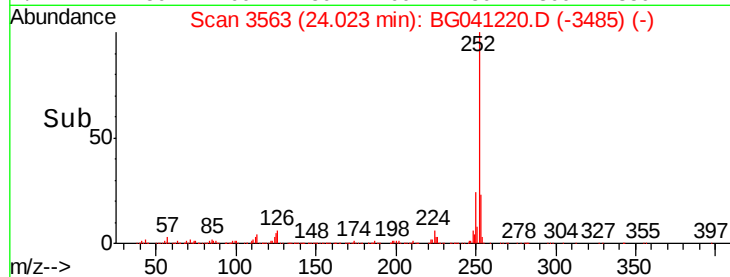
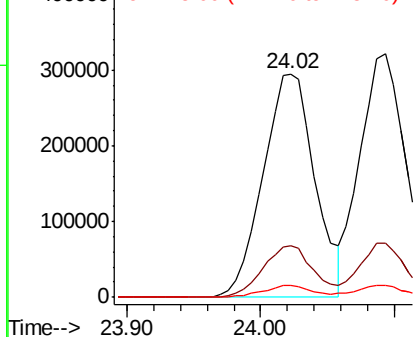
#89
Benzo(k)fluoranthene
Concen: 41.449 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.07 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:252 Resp: 794941
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 5.2 4.7 7.1

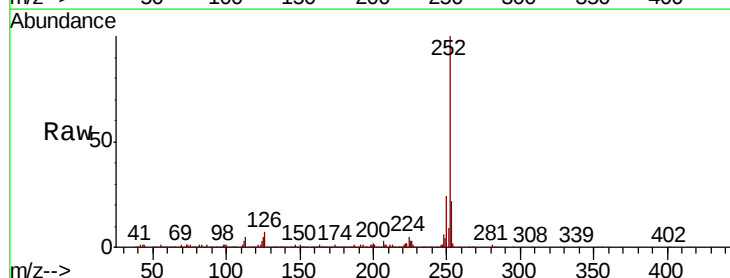


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

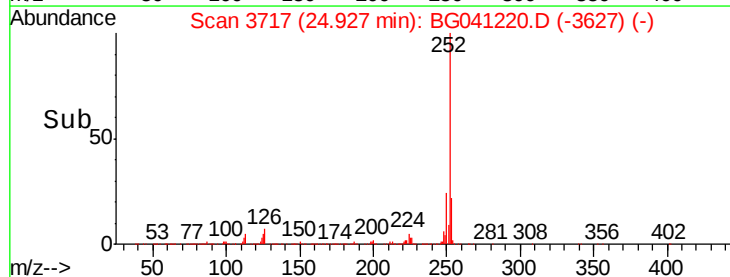
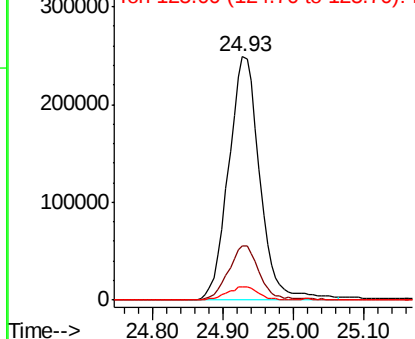


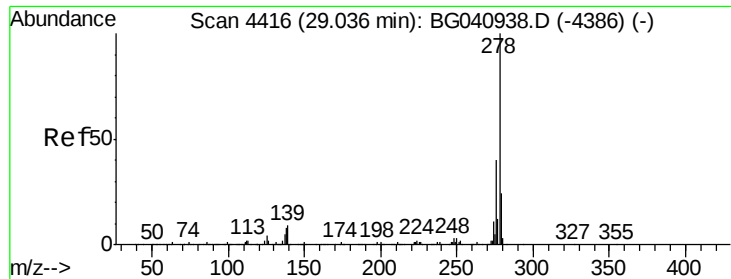
#90
Benzo(a)pyrene
Concen: 41.251 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:252 Resp: 762765
Ion Ratio Lower Upper
252 100
253 22.4 19.5 29.3
125 5.4 5.1 7.7



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

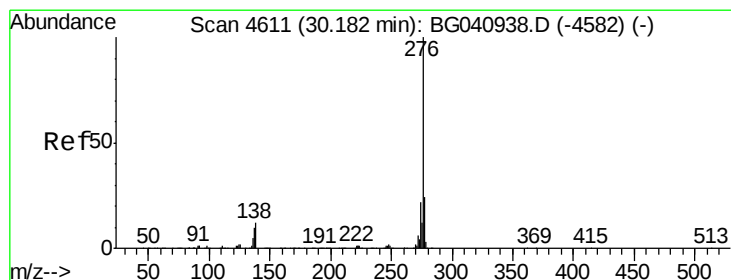
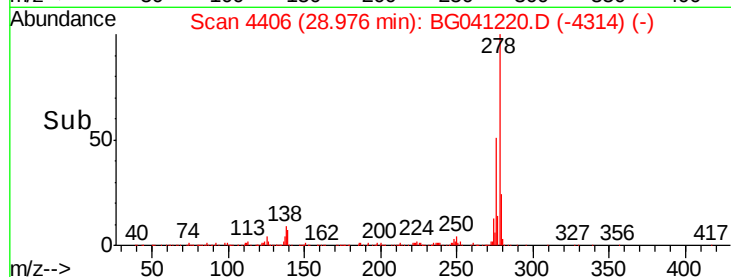
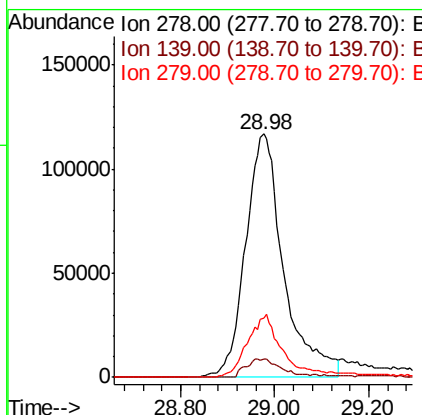
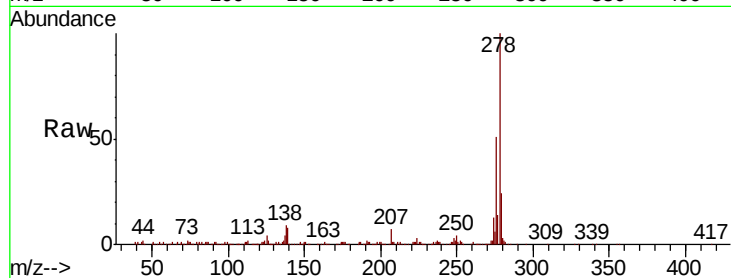




#91
Dibenzo(a,h)anthracene
Concen: 35.602 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tgt Ion:278 Resp: 657778
Ion Ratio Lower Upper
278 100
139 7.5 7.1 10.7
279 24.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 32.470 ng
RT: 30.12 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:276 Resp: 582839
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 10.0 9.7 14.5

