

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041221.D
 Acq On : 13 Jun 2019 00:34
 Operator : HP/JU
 Sample : K3299-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Quant Time: Jun 13 05:39:46 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	42032	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	175291	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	125684	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	301552	20.00	ng	0.00
76) Chrysene-d12	21.76	240	301118	20.00	ng	0.00
87) Perylene-d12	25.09	264	323115	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	84902	36.42	ng	0.00
7) Phenol-d6	7.25	99	78498	21.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	312477	79.14	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	151498	81.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	691612	79.25	ng	0.00
79) Terphenyl-d14	20.07	244	1080533	76.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	12721	12.027	ng	99
3) Pyridine	3.92	79	31778	10.153	ng	98
4) n-Nitrosodimethylamine	3.83	42	19935	13.724	ng	# 92
6) Aniline	7.43	93	29040	6.044	ng	96
8) 2-Chlorophenol	7.66	128	88012	31.671	ng	92
9) Benzaldehyde	7.25	77	33032	15.382	ng	91
10) Phenol	7.28	94	48796	12.642	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	92173	32.918	ng	97
12) 1,3-Dichlorobenzene	7.99	146	108109	32.572	ng	98
13) 1,4-Dichlorobenzene	8.14	146	112844	33.588	ng	99
14) 1,2-Dichlorobenzene	8.46	146	111783	34.268	ng	97
15) Benzyl Alcohol	8.35	79	110133	33.072	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	146643	32.049	ng	99
17) 2-Methylphenol	8.55	107	69536	24.881	ng	96
18) Hexachloroethane	9.19	117	43809	33.833	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	94959	34.277	ng	99
20) 3+4-Methylphenols	8.88	107	85879	22.184	ng	97
22) Acetophenone	8.93	105	182729	37.161	ng	# 99
24) Nitrobenzene	9.33	77	159735	39.696	ng	99
25) Isophorone	9.84	82	275377	36.646	ng	99
26) 2-Nitrophenol	10.04	139	65616	39.555	ng	94
27) 2,4-Dimethylphenol	10.08	122	92832	33.884	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	142281	35.082	ng	97
29) 2,4-Dichlorophenol	10.57	162	125214	35.990	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	143598	36.282	ng	99
31) Naphthalene	10.98	128	356129	37.840	ng	99
32) Benzoic acid	10.21	122	44741	25.575	ng	95
33) 4-Chloroaniline	11.09	127	26992	6.181	ng	93
34) Hexachlorobutadiene	11.24	225	106621	35.208	ng	98
35) Caprolactam	11.90	113	7423	6.461	ng	# 88
36) 4-Chloro-3-methylphenol	12.19	107	131182	33.015	ng	100
37) 2-Methylnaphthalene	12.57	142	279107	38.505	ng	99
38) 1-Methylnaphthalene	12.79	142	262803	38.474	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	204941	40.456	ng	99

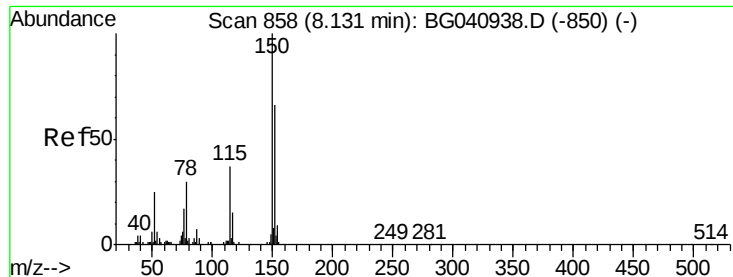
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041221.D
 Acq On : 13 Jun 2019 00:34
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	218718	80.287	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	128797	39.302	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	132500	38.338	ng	97
46) 1,1'-Biphenyl	13.57	154	375525	40.364	ng	99
47) 2-Chloronaphthalene	13.62	162	308346	38.607	ng	98
48) 2-Nitroaniline	13.83	65	98233	34.284	ng	98
49) Acenaphthylene	14.46	152	471685	39.240	ng	99
50) Dimethylphthalate	14.19	163	448736	42.178	ng	100
51) 2,6-Dinitrotoluene	14.32	165	87258	38.039	ng	95
52) Acenaphthene	14.80	154	274483	37.693	ng	96
53) 3-Nitroaniline	14.66	138	30100	13.122	ng	# 91
54) 2,4-Dinitrophenol	14.86	184	109511	87.859	ng	93
55) Dibenzofuran	15.13	168	483429	39.454	ng	99
56) 4-Nitrophenol	14.96	139	44590	28.341	ng	90
57) 2,4-Dinitrotoluene	15.10	165	126145	38.930	ng	98
58) Fluorene	15.78	166	374666	38.395	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	142292	41.894	ng	97
60) Diethylphthalate	15.54	149	408018	37.579	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	235041	37.057	ng	98
62) 4-Nitroaniline	15.82	138	53004	21.827	ng	95
63) Azobenzene	16.06	77	372326	37.729	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	74098	46.239	ng	99
66) n-Nitrosodiphenylamine	15.98	169	342029	40.348	ng	98
67) 4-Bromophenyl-phenylether	16.66	248	151838	37.311	ng	96
68) Hexachlorobenzene	16.77	284	161082	37.172	ng	98
69) Atrazine	16.93	200	141979	43.407	ng	96
70) Pentachlorophenol	17.12	266	193686	83.251	ng	96
71) Phenanthrene	17.52	178	618885	39.401	ng	99
72) Anthracene	17.62	178	634840	40.979	ng	99
73) Carbazole	17.89	167	550333	41.402	ng	99
74) Di-n-butylphthalate	18.42	149	700399	42.394	ng	98
75) Fluoranthene	19.53	202	793368	40.893	ng	99
78) Pyrene	19.89	202	796152	40.673	ng	99
80) Butylbenzylphthalate	20.76	149	300160	39.403	ng	99
81) Benzo(a)anthracene	21.74	228	775544	38.692	ng	98
83) Chrysene	21.81	228	766021	39.935	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	415100	38.710	ng	99
85) Di-n-octyl phthalate	22.84	149	706044	39.534	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	795529	33.857	ng	# 96
88) Benzo(b)fluoranthene	24.02	252	779765	39.788	ng	100
89) Benzo(k)fluoranthene	24.09	252	775833	40.005	ng	97
90) Benzo(a)pyrene	24.93	252	749074	40.062	ng	97
91) Dibenzo(a,h)anthracene	28.97	278	624087	33.404	ng	# 98
92) Benzo(g,h,i)perylene	30.10	276	621563	34.244	ng	98

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

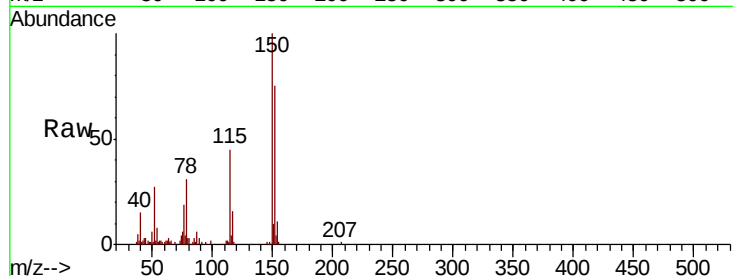


#1

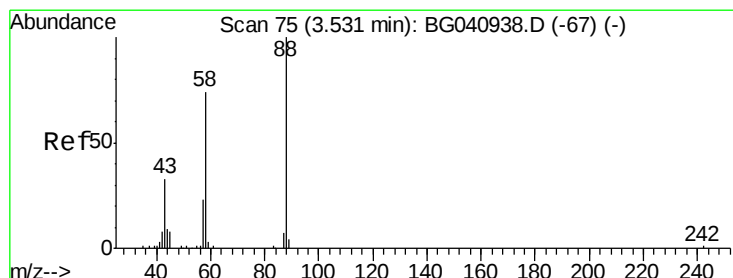
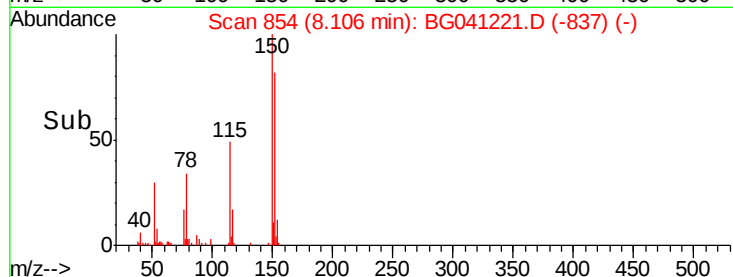
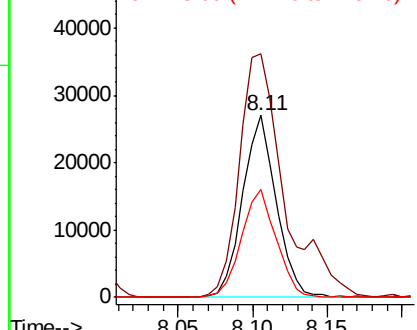
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion:152 Resp: 42032
Ion Ratio Lower Upper
152 100
150 133.7 120.6 180.8
115 59.6 45.1 67.7



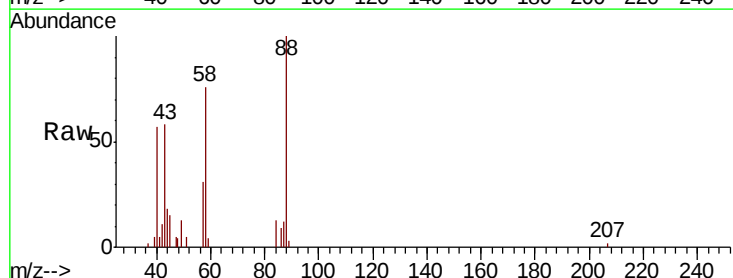
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



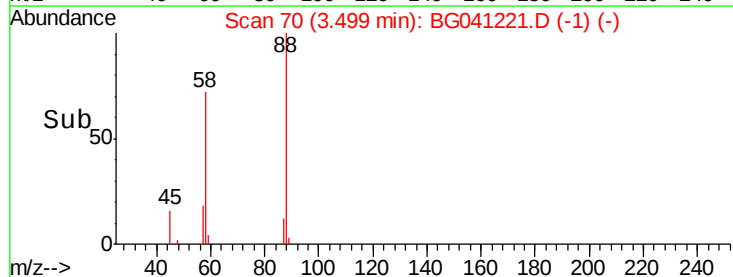
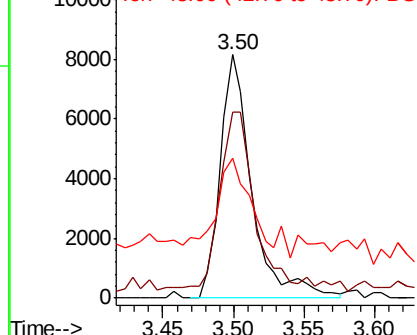
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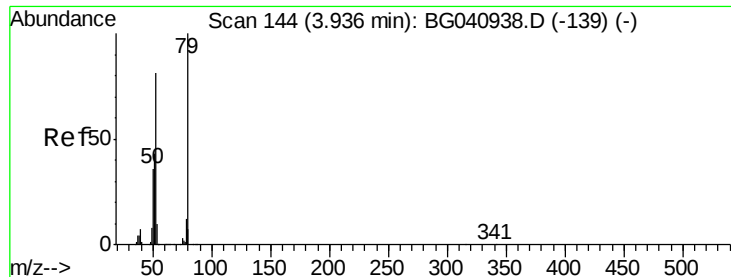
1,4-Dioxane
Concen: 12.027 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion: 88 Resp: 12721
Ion Ratio Lower Upper
88 100
58 74.3 59.0 88.6
43 35.5 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: 10.153 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

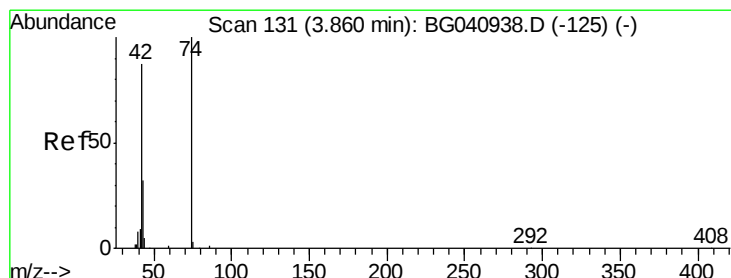
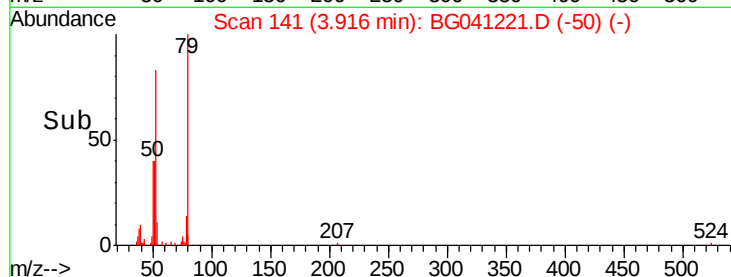
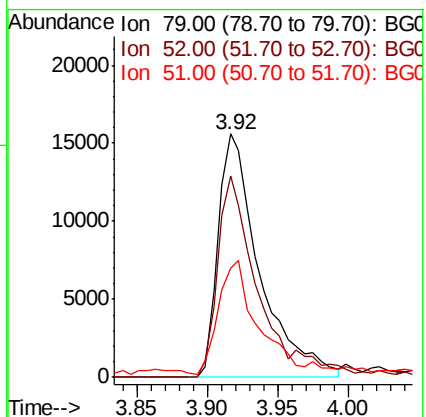
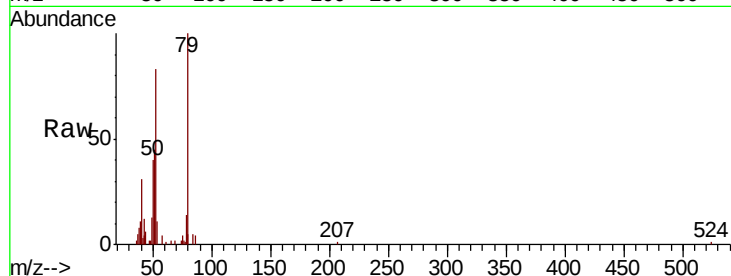
Tgt Ion: 79 Resp: 31778

Ion Ratio Lower Upper

79 100

52 82.9 64.8 97.2

51 44.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 13.724 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

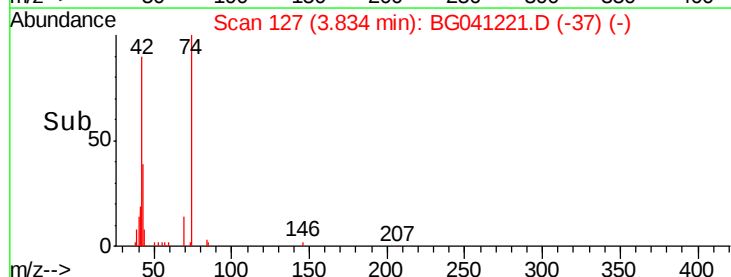
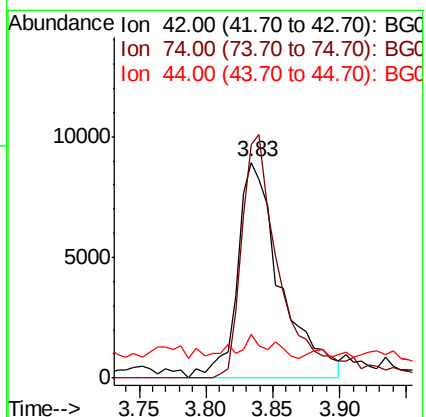
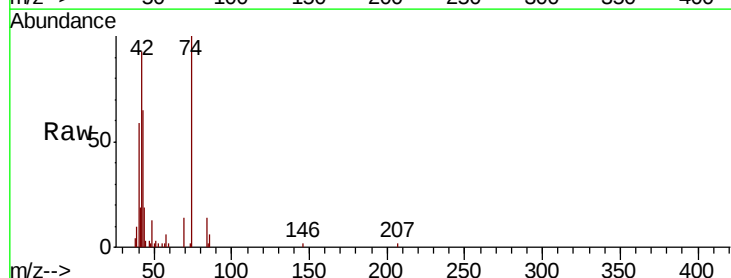
Tgt Ion: 42 Resp: 19935

Ion Ratio Lower Upper

42 100

74 107.9 91.8 137.6

44 20.2 6.0 9.0#





#5

2-Fluorophenol

Concen: 36.424 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

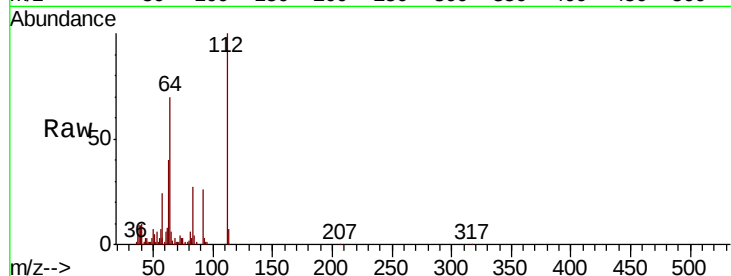
Tgt Ion: 112 Resp: 84902

Ion Ratio Lower Upper

112 100

64 69.9 56.2 84.2

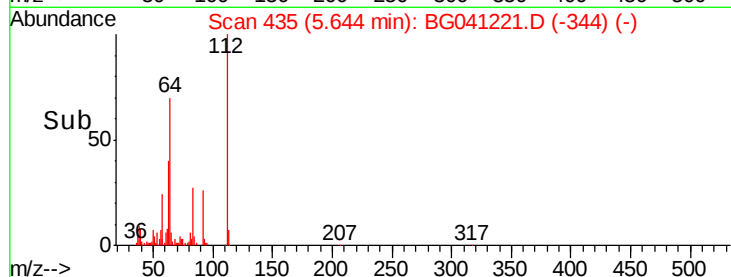
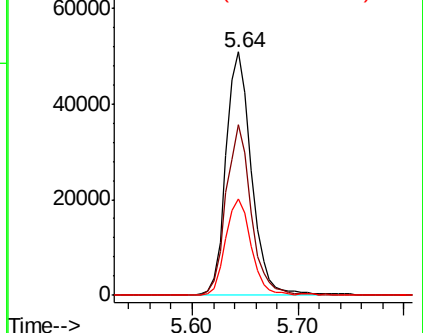
63 39.5 32.8 49.2



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: 6.044 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

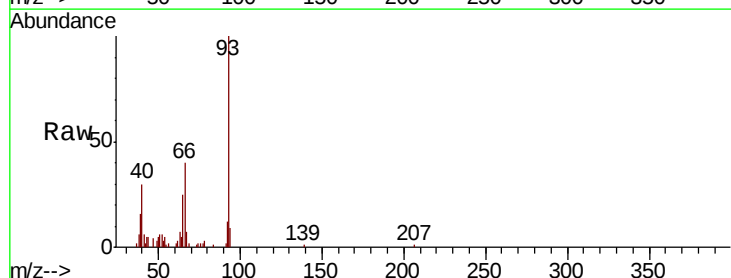
Tgt Ion: 93 Resp: 29040

Ion Ratio Lower Upper

93 100

66 40.4 33.8 50.8

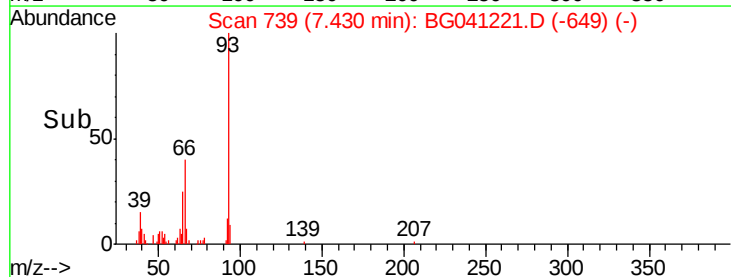
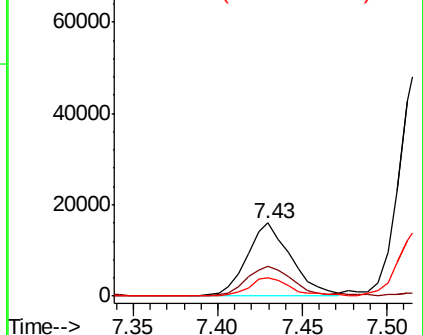
65 25.1 18.3 27.5



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: 21.806 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

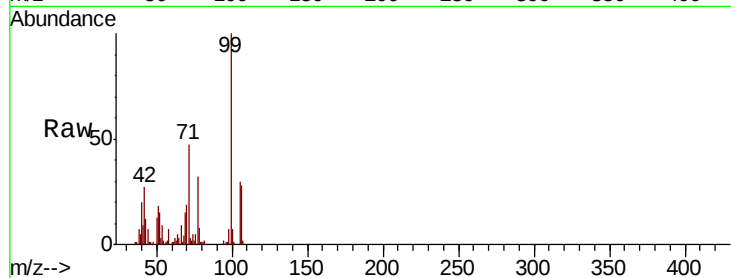
Tgt Ion: 99 Resp: 78498

Ion Ratio Lower Upper

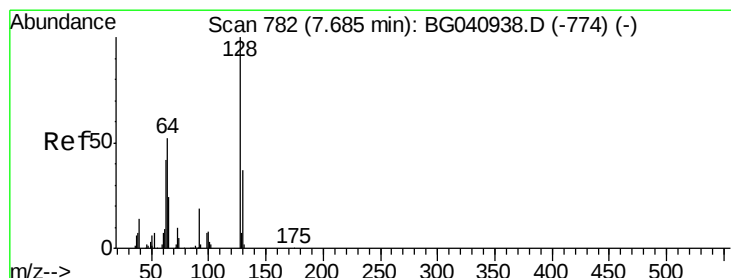
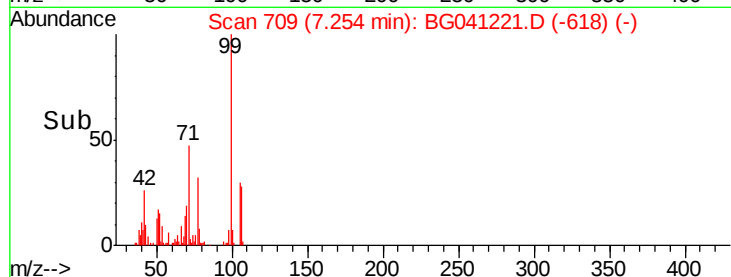
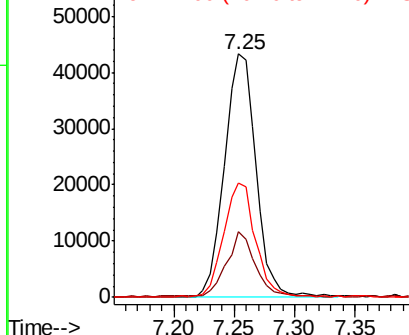
99 100

42 27.0 17.9 26.9#

71 46.9 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: 31.671 ng

RT: 7.66 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

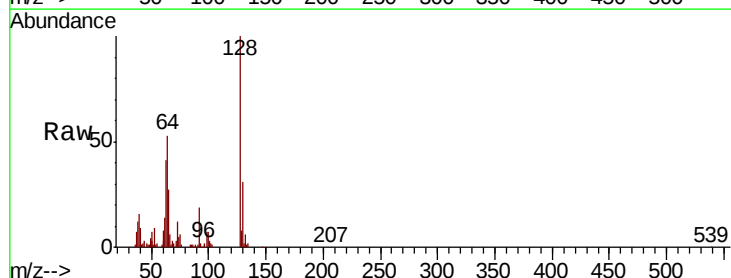
Tgt Ion: 128 Resp: 88012

Ion Ratio Lower Upper

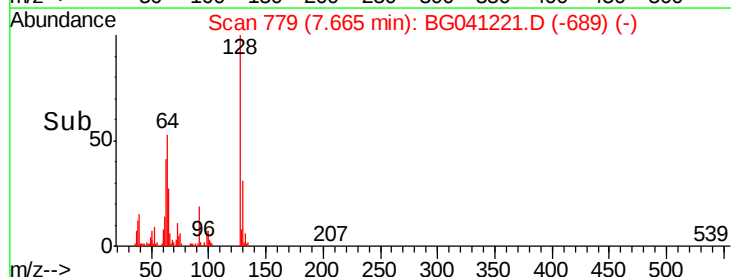
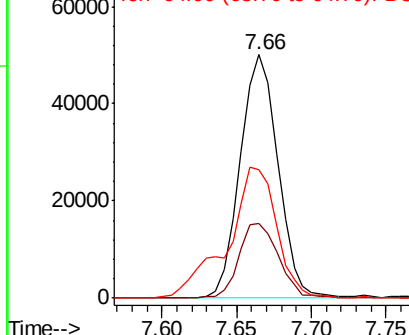
128 100

130 30.9 16.6 56.6

64 52.7 37.8 77.8



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





#9

Benzaldehyde

Concen: 15.382 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG041221.D

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Instrument :

BNA_G

ClientSampleId :

TI-658MSD

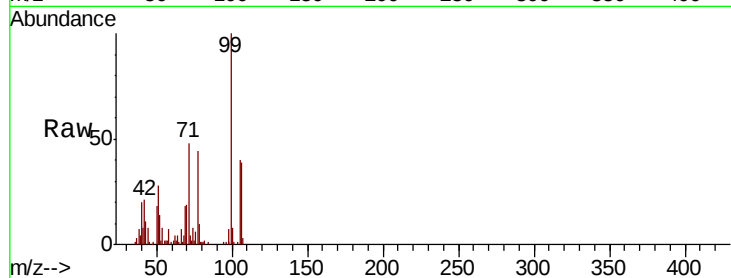
Tgt Ion: 77 Resp: 33032

Ion Ratio Lower Upper

77 100

105 89.9 78.9 118.9

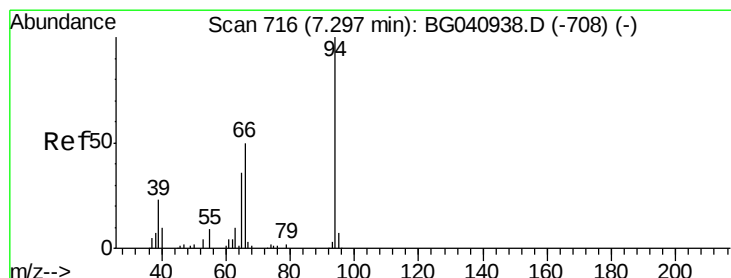
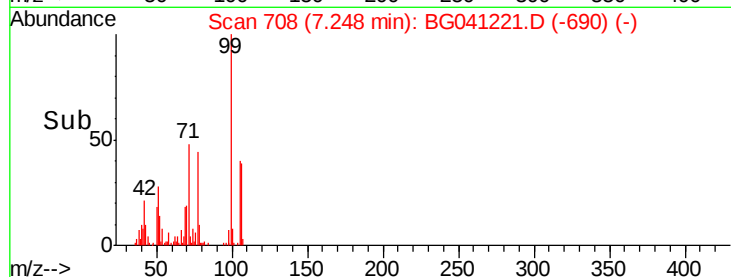
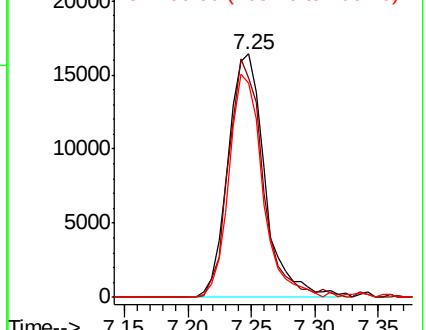
106 87.9 76.7 116.7



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: 12.642 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

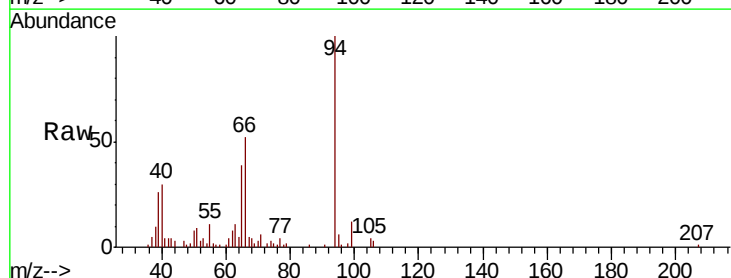
Tgt Ion: 94 Resp: 48796

Ion Ratio Lower Upper

94 100

65 38.7 17.0 57.0

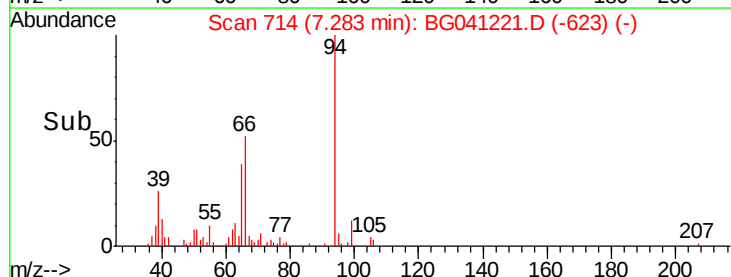
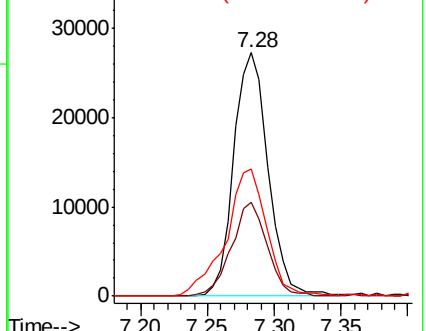
66 52.2 32.4 72.4

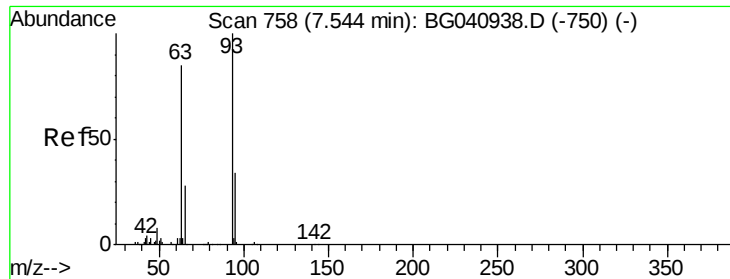


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

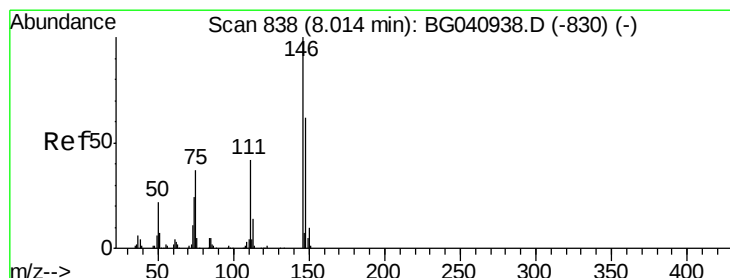
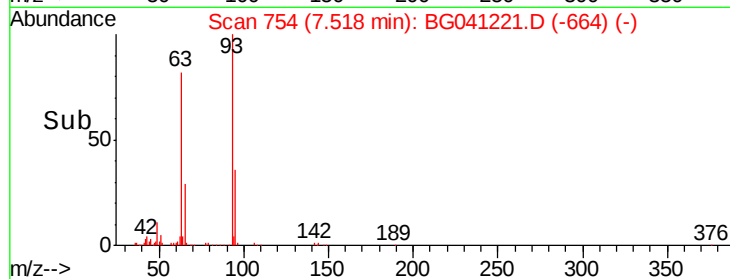
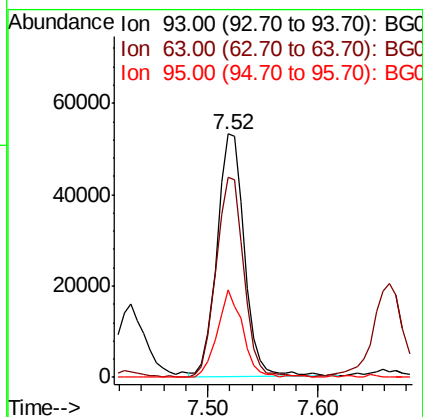
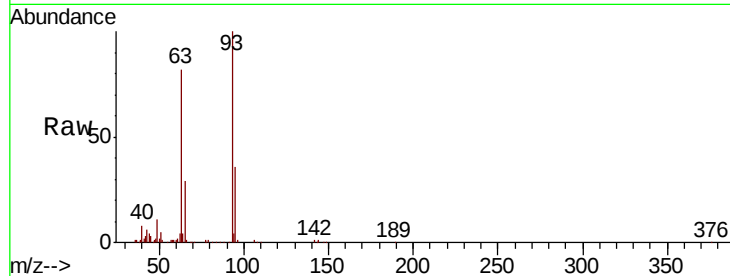




#11
bis(2-Chloroethyl)ether
Concen: 32.918 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

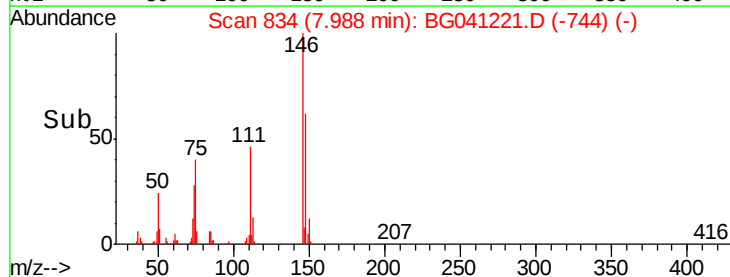
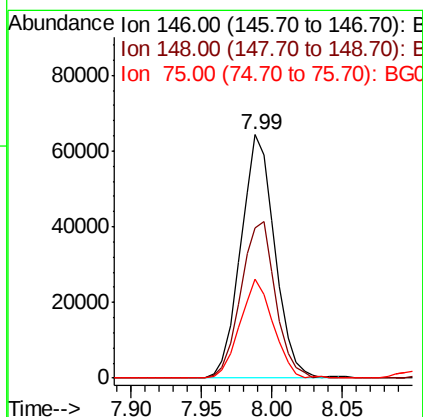
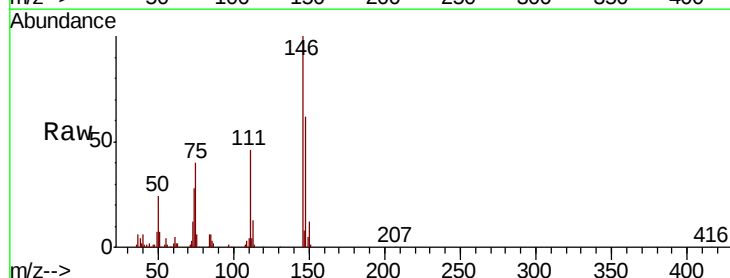
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

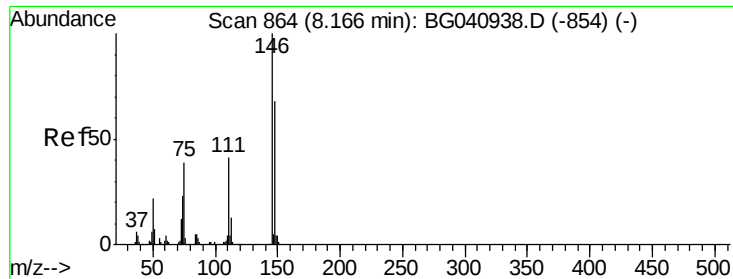
Tgt Ion: 93 Resp: 92173
Ion Ratio Lower Upper
93 100
63 82.2 64.5 104.5
95 35.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 32.572 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion: 146 Resp: 108109
Ion Ratio Lower Upper
146 100
148 61.6 49.2 73.8
75 40.4 29.4 44.0

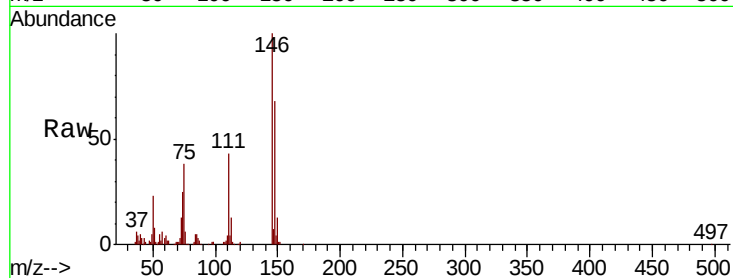




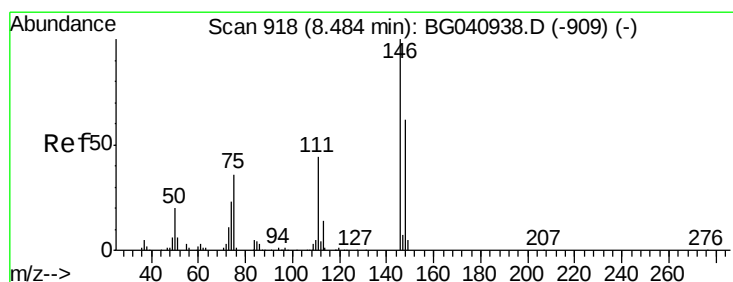
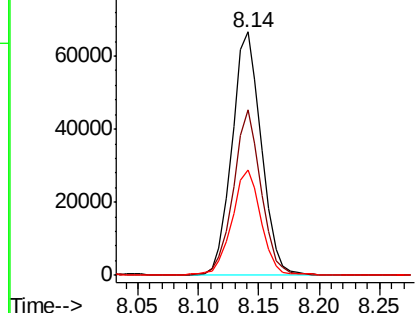
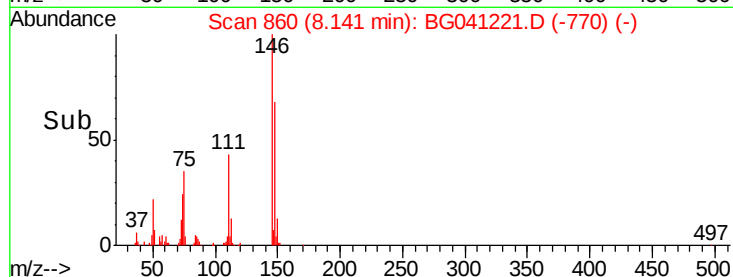
#13
 1,4-Dichlorobenzene
 Concen: 33.588 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tgt Ion:146 Resp: 112844
 Ion Ratio Lower Upper
 146 100
 148 68.2 54.2 81.4
 111 43.1 32.9 49.3

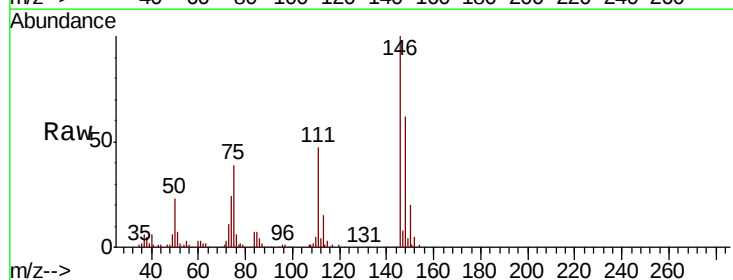


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

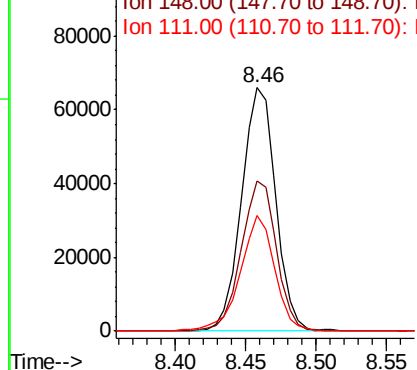
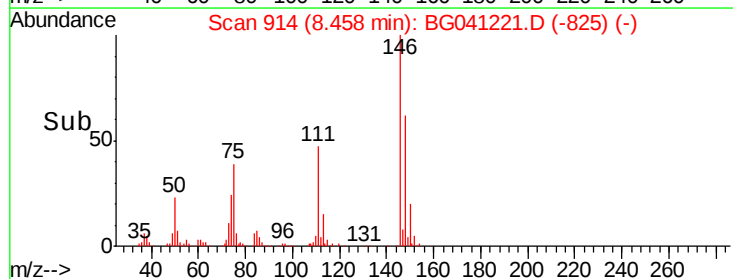


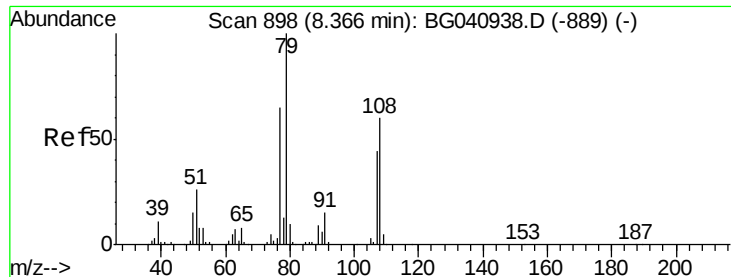
#14
 1,2-Dichlorobenzene
 Concen: 34.268 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion:146 Resp: 111783
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.8 74.6
 111 47.3 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

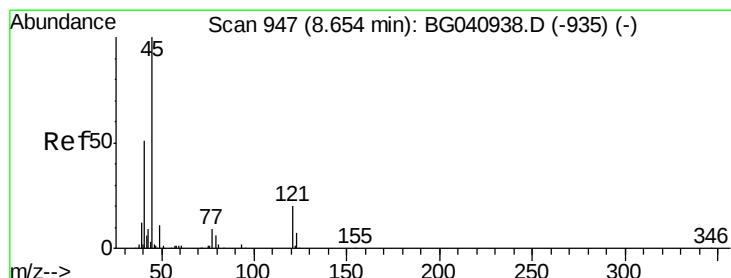
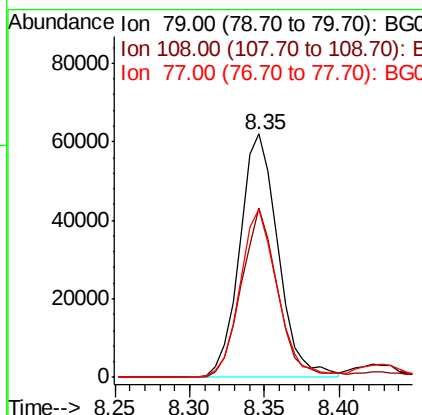
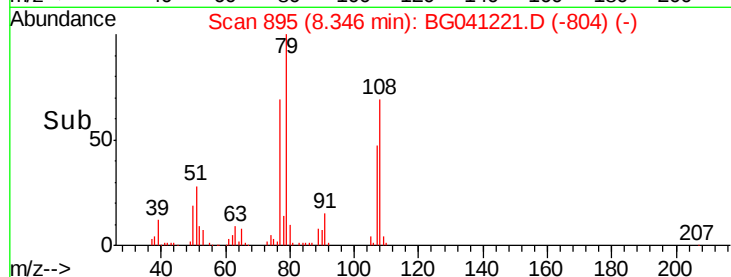
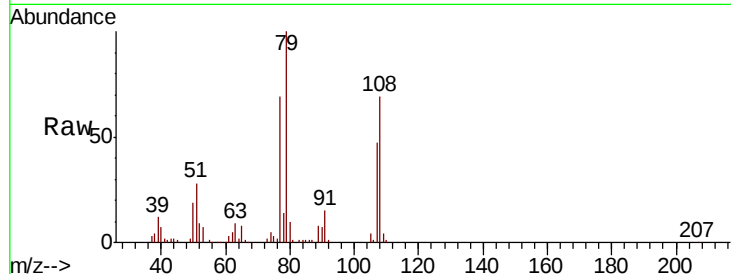




#15
Benzyl Alcohol
Concen: 33.072 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

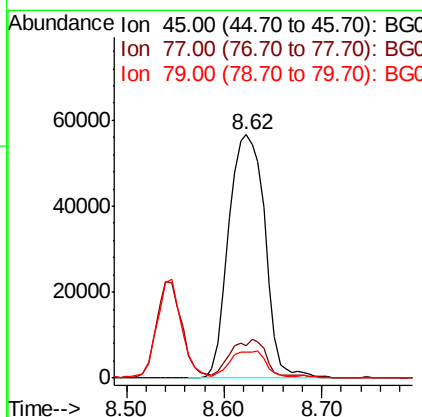
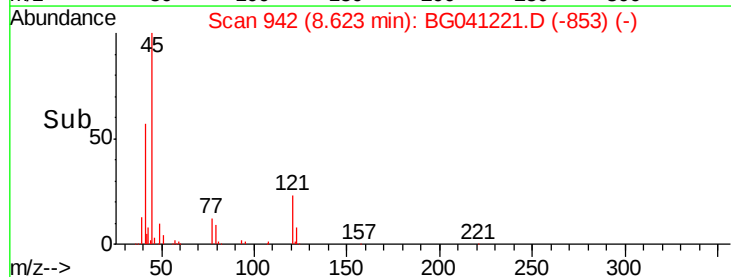
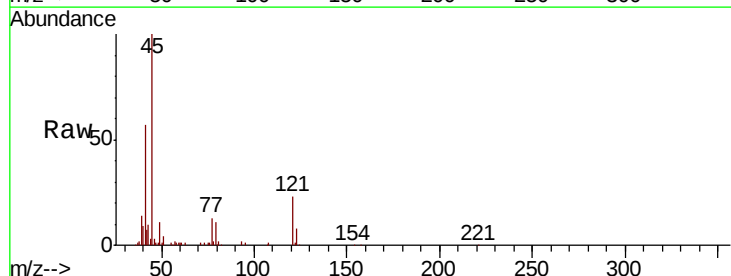
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

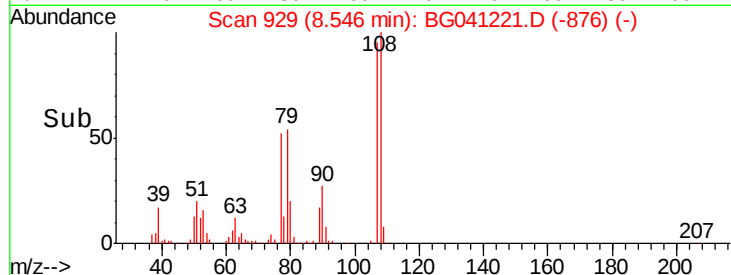
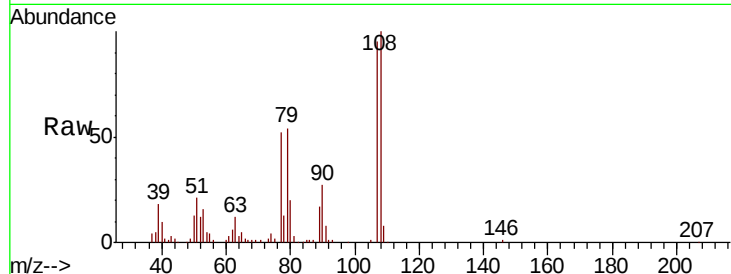
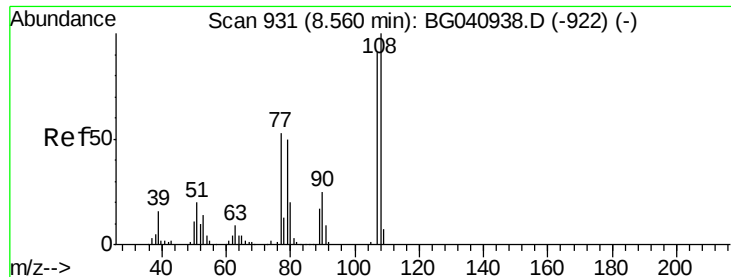
Tgt Ion:	79	Resp:	110133
Ion	Ratio	Lower	Upper
79	100		
108	69.3	48.3	72.5
77	69.0	52.3	78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.049 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	45	Resp:	146643
Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.7
79	10.5	0.0	30.2

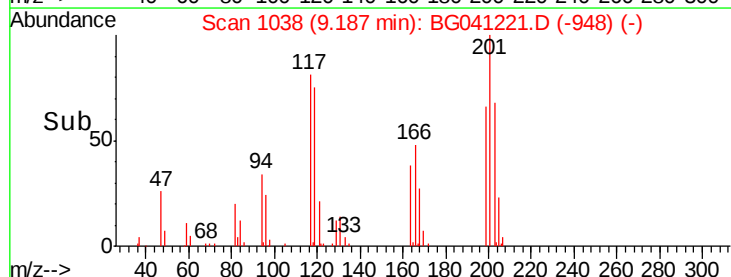
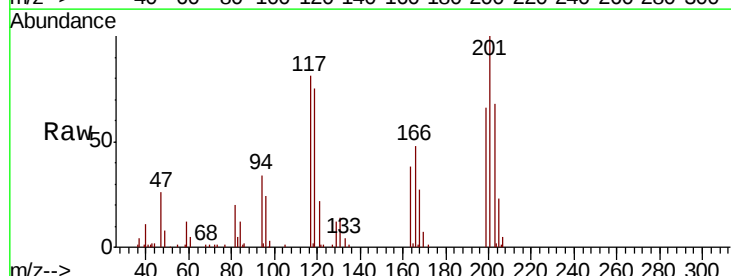
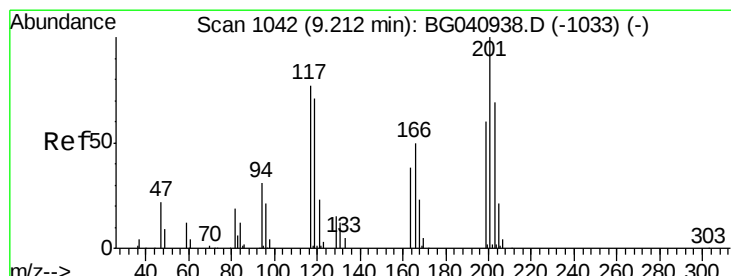
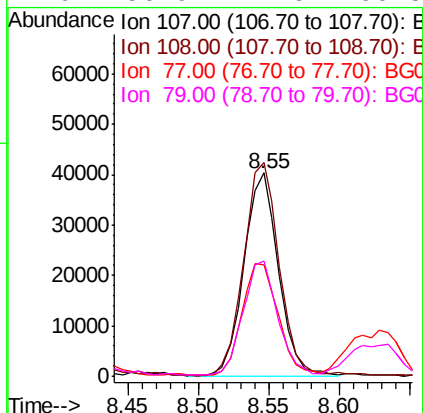




#17
2-Methylphenol
Concen: 24.881 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

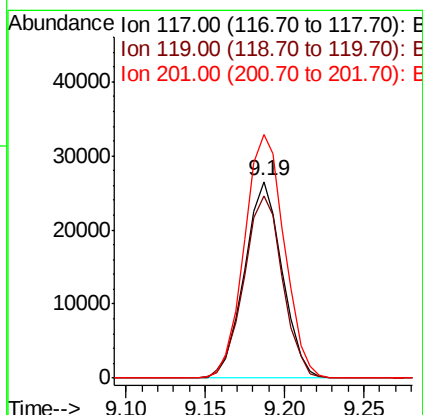
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion:	107	Resp:	69536
Ion	Ratio	Lower	Upper
107	100		
108	105.2	87.7	131.5
77	54.9	46.6	70.0
79	56.9	44.6	66.8



#18
Hexachloroethane
Concen: 33.833 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	117	Resp:	43809
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.0	112.6
201	124.0	103.5	155.3

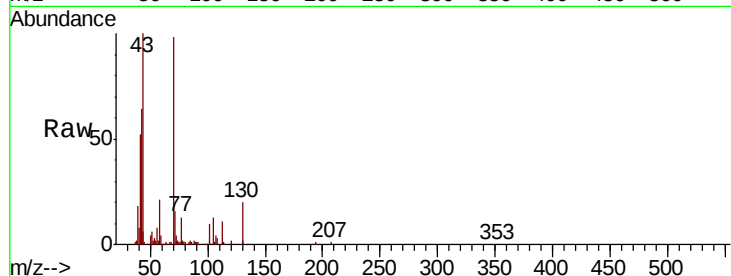




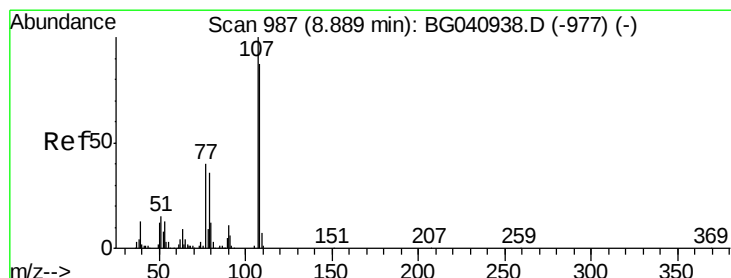
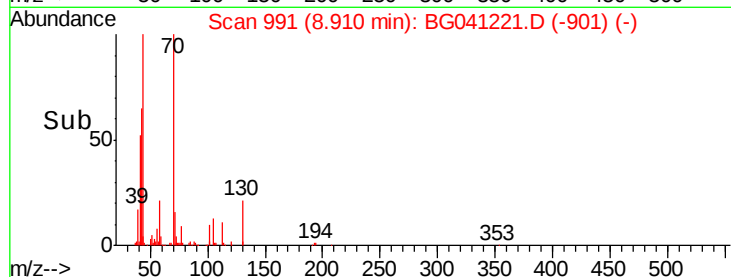
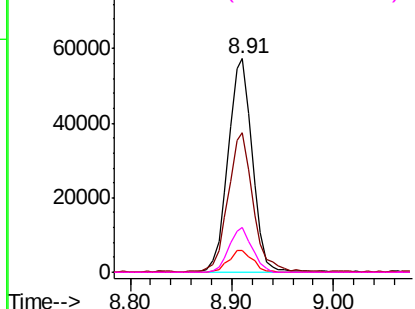
#19
n-Nitroso-di-n-propylamine
Concen: 34.277 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion:	70	Resp:	94959
Ion	Ratio	Lower	Upper
70	100		
42	65.4	51.5	77.3
101	10.5	8.1	12.1
130	20.7	16.6	24.8

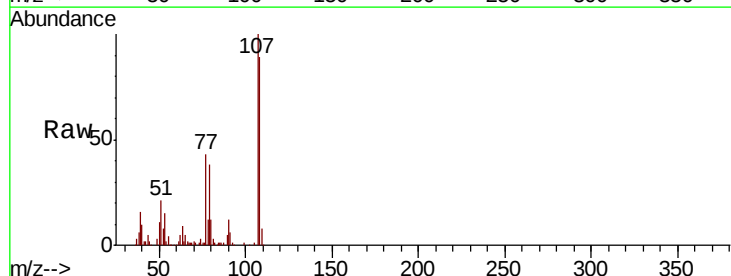


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

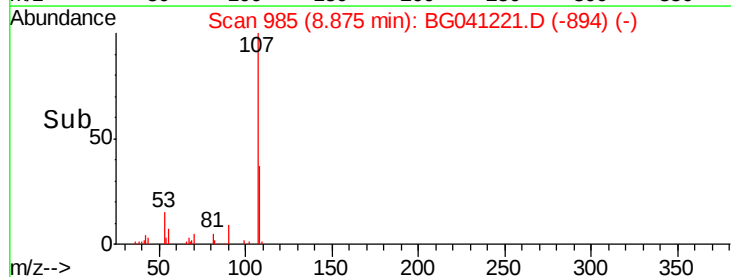
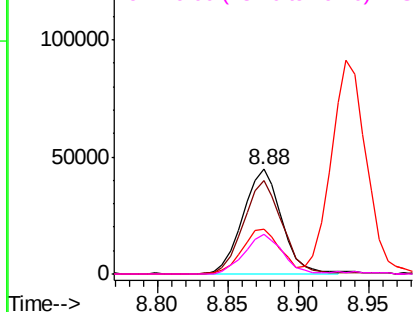


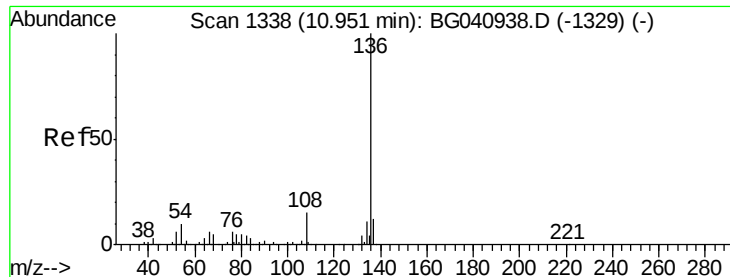
#20
3+4-Methylphenols
Concen: 22.184 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	107	Resp:	85879
Ion	Ratio	Lower	Upper
107	100		
108	89.2	66.8	106.8
77	42.5	20.5	60.5
79	38.0	15.8	55.8



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

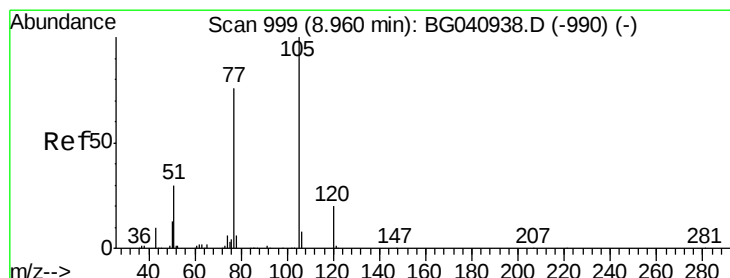
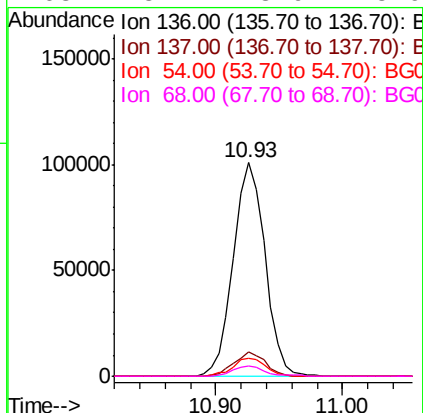
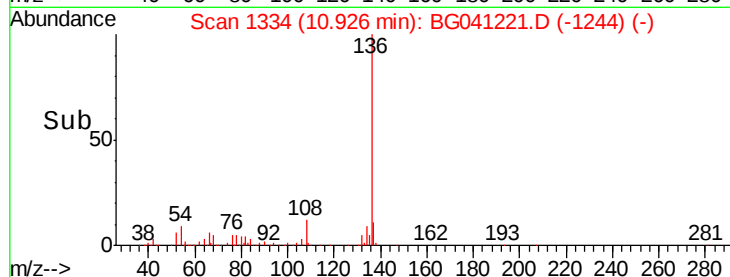
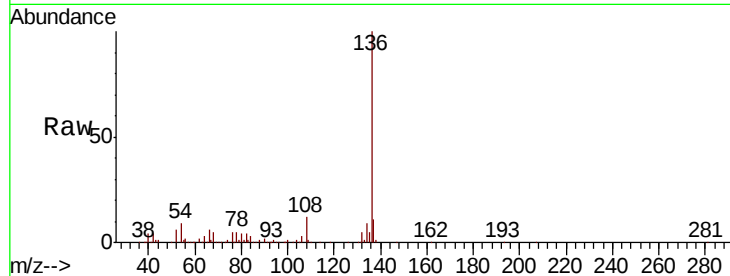




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

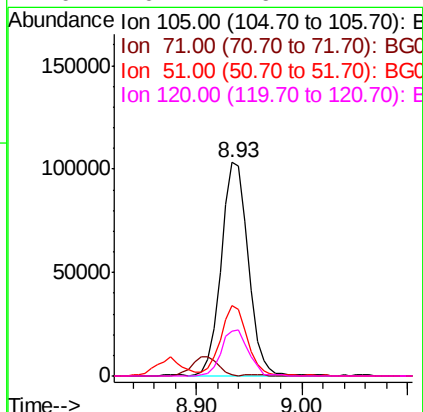
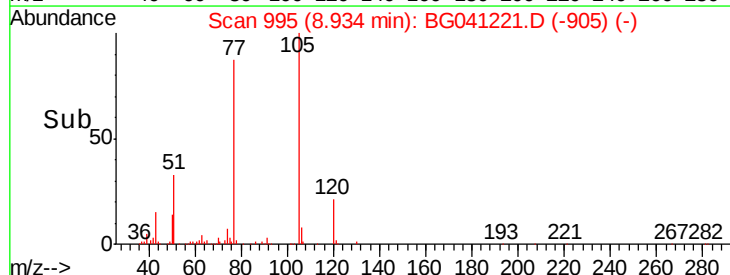
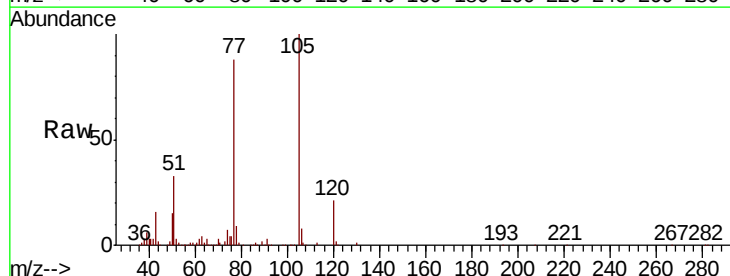
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion:	136	Resp:	175291
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	8.6	7.6	11.4
68	5.1	3.9	5.9



#22
Acetophenone
Concen: 37.161 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	105	Resp:	182729
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.4	0.6#
51	33.1	27.0	40.6
120	20.7	16.2	24.4

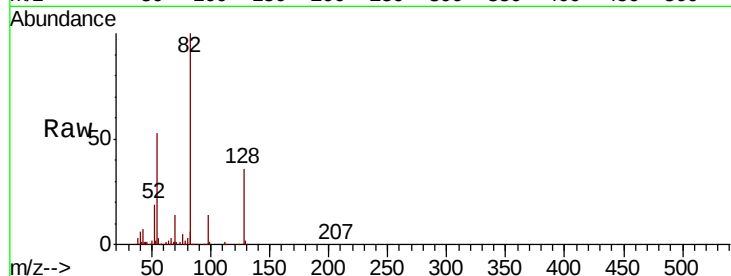




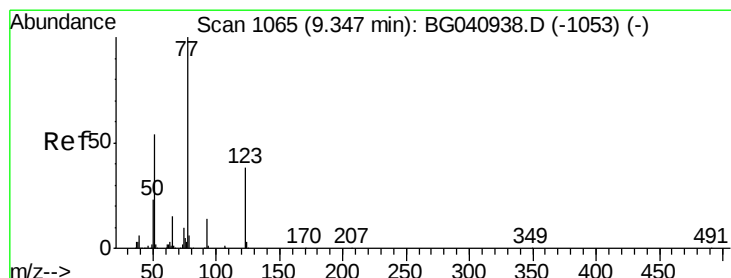
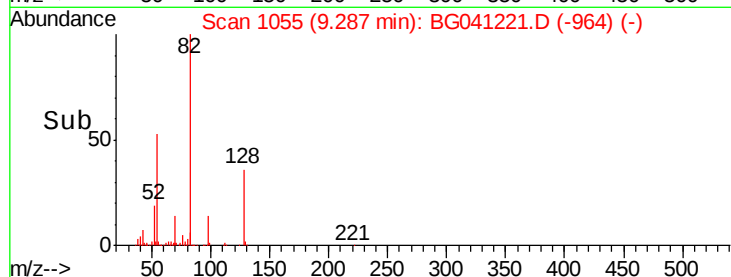
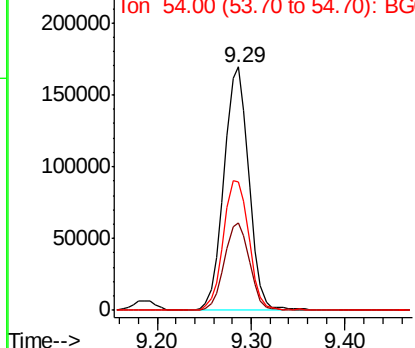
#23
Nitrobenzene-d5
Concen: 79.137 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion: 82 Resp: 312477
Ion Ratio Lower Upper
82 100
128 36.2 30.5 45.7
54 52.7 44.6 66.8

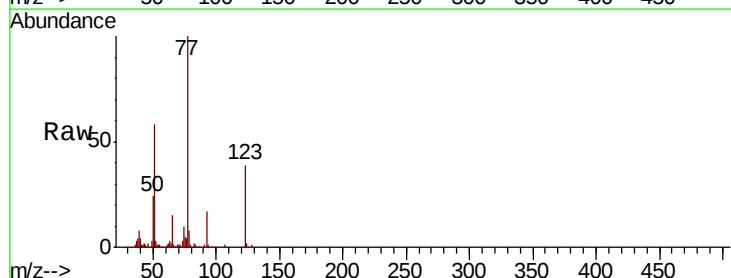


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

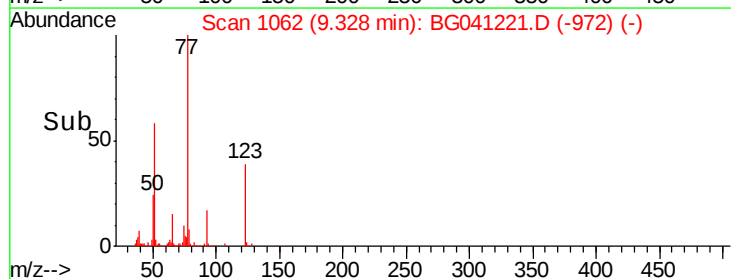
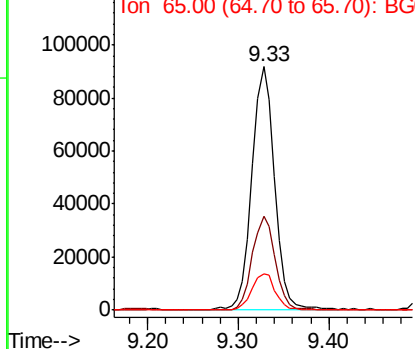


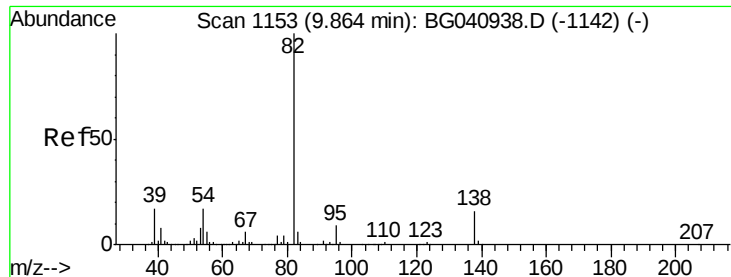
#24
Nitrobenzene
Concen: 39.696 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion: 77 Resp: 159735
Ion Ratio Lower Upper
77 100
123 38.7 30.6 46.0
65 14.8 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

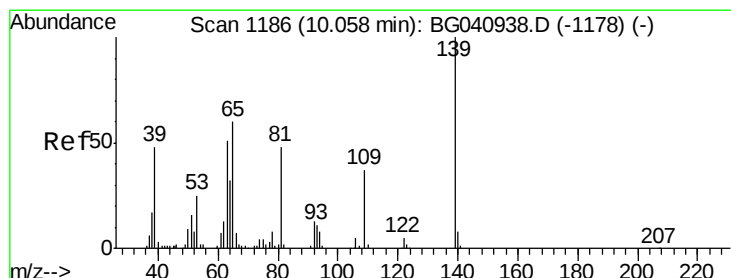
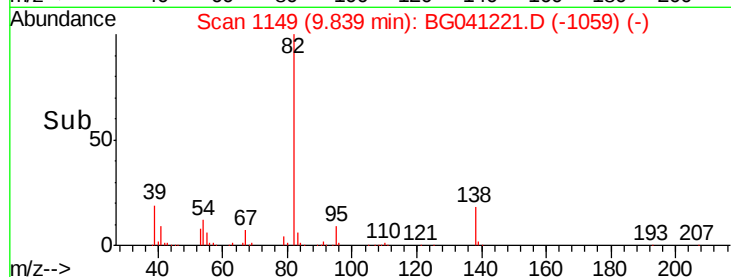
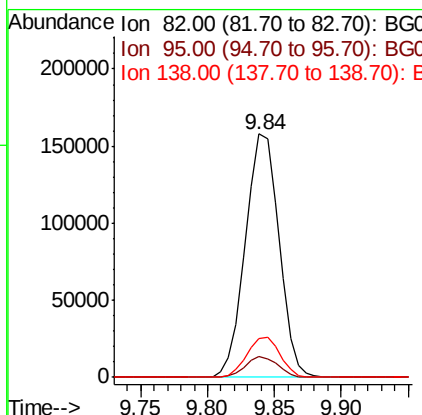
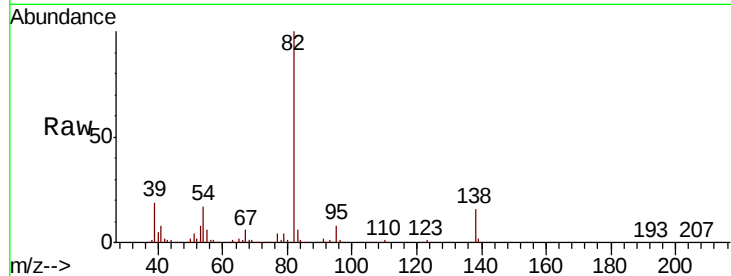




#25
Isophorone
Concen: 36.646 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

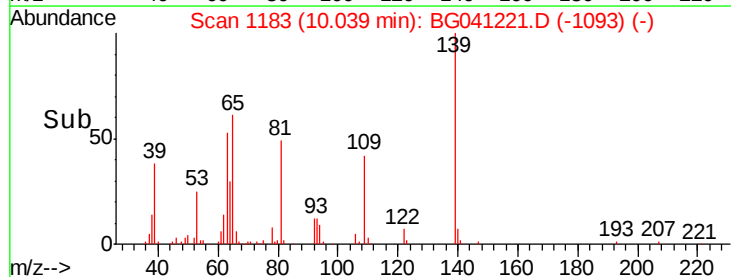
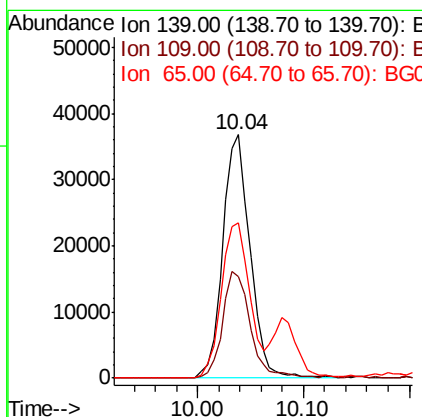
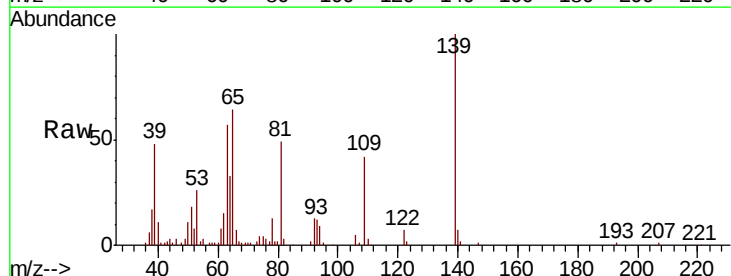
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

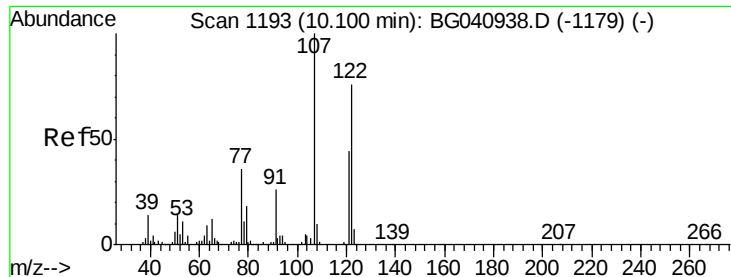
Tgt Ion: 82 Resp: 275377
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 16.2 12.6 19.0



#26
2-Nitrophenol
Concen: 39.555 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion: 139 Resp: 65616
Ion Ratio Lower Upper
139 100
109 41.9 29.8 44.6
65 63.9 47.8 71.6

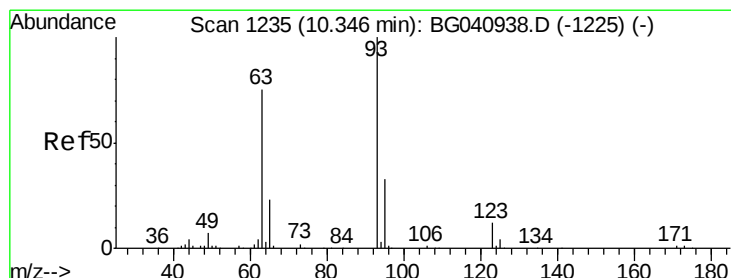
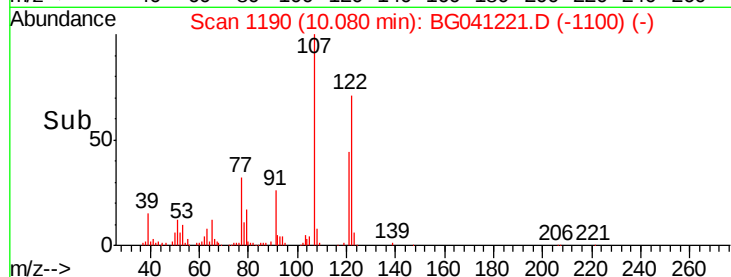
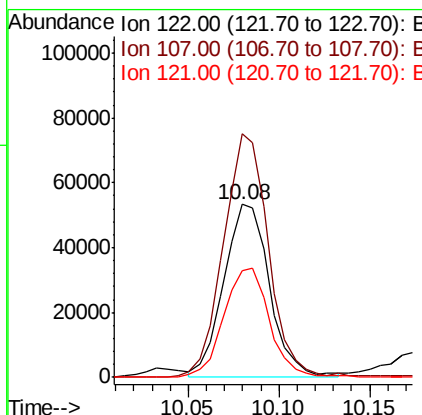
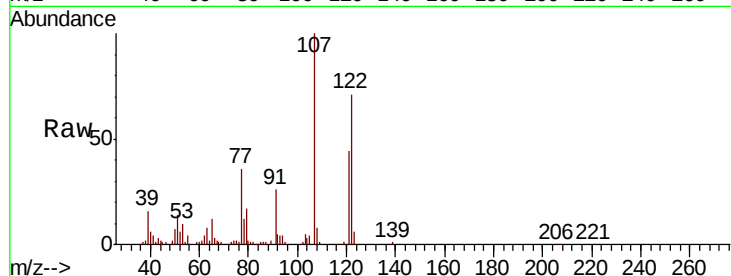




#27
 2,4-Dimethylphenol
 Concen: 33.884 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

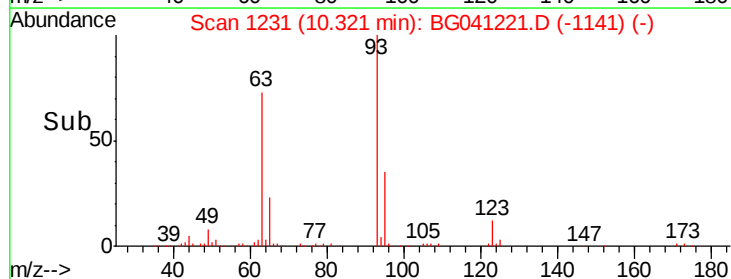
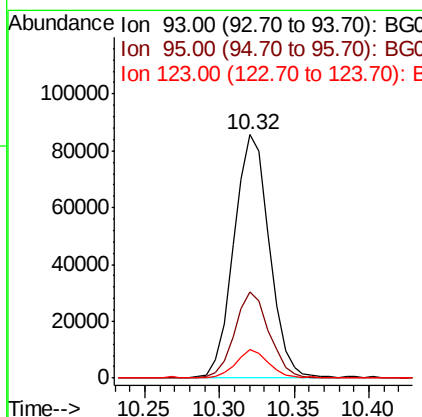
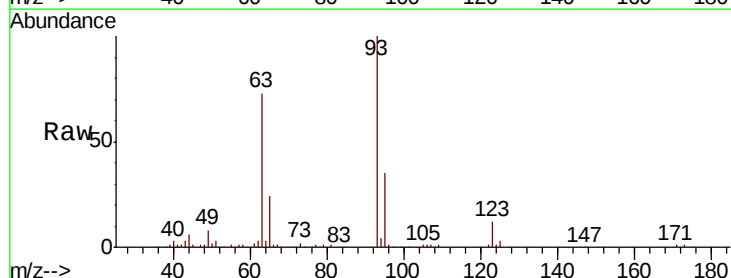
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tgt Ion: 122 Resp: 92832
 Ion Ratio Lower Upper
 122 100
 107 140.9 105.9 158.9
 121 61.6 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.082 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion: 93 Resp: 142281
 Ion Ratio Lower Upper
 93 100
 95 35.2 26.2 39.2
 123 11.5 9.5 14.3

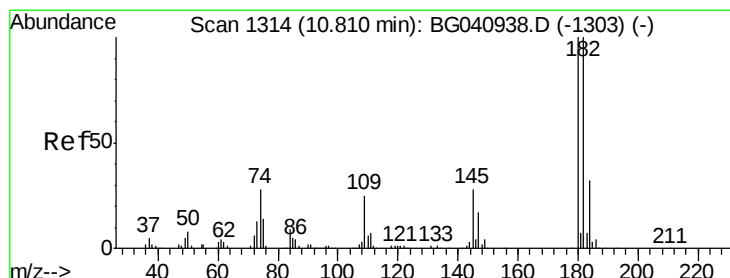
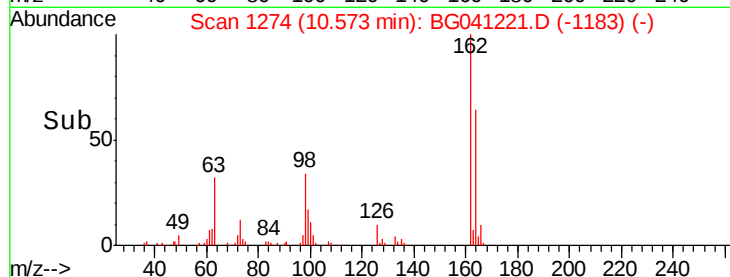
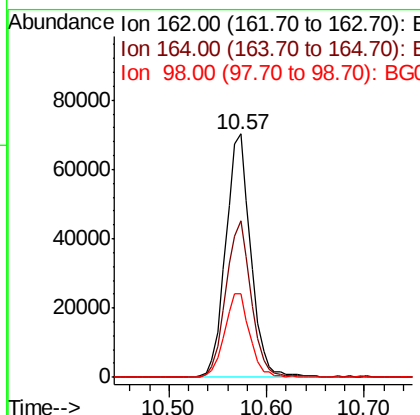
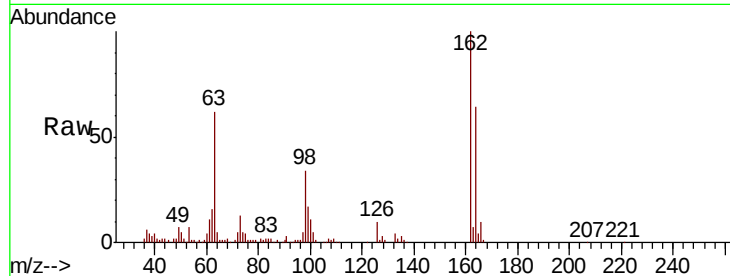




#29
 2,4-Dichlorophenol
 Concen: 35.990 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

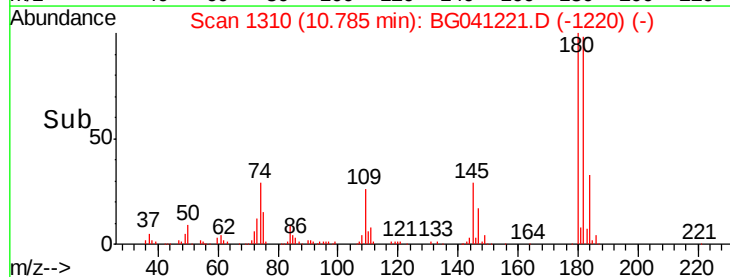
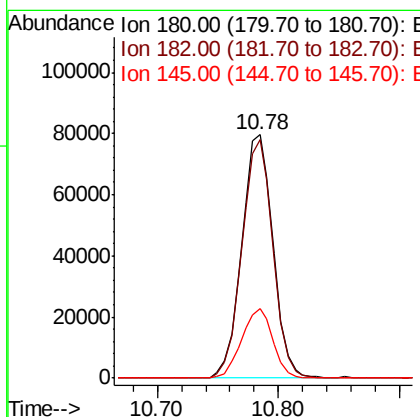
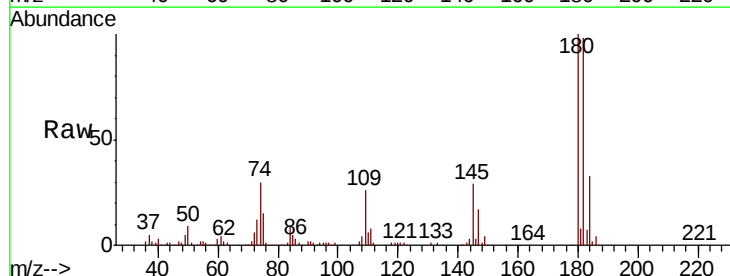
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

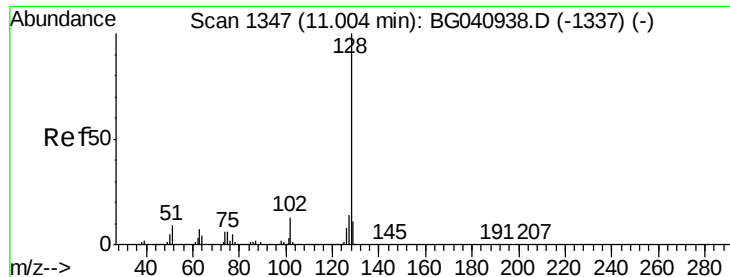
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	39.4	79.4
98	34.4	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 36.282 ng
 RT: 10.78 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	79.7	119.5
145	28.8	22.6	34.0

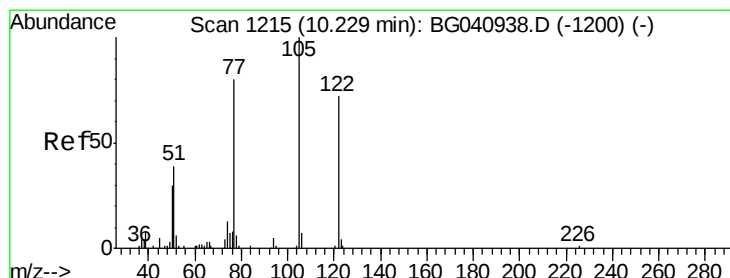
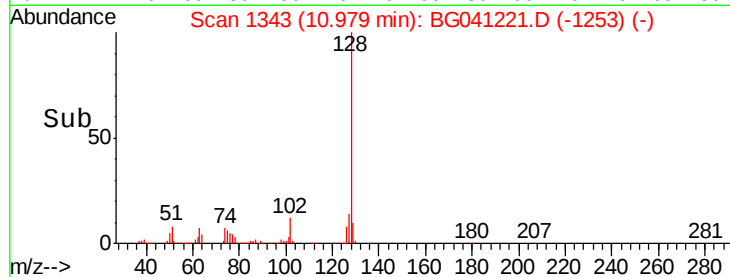
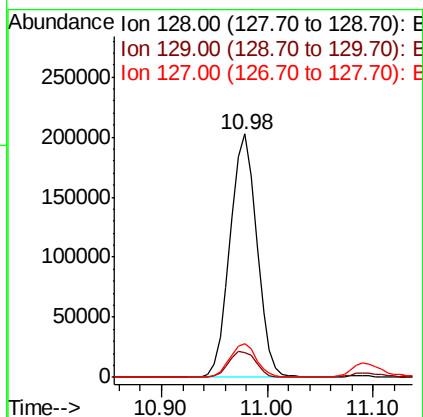
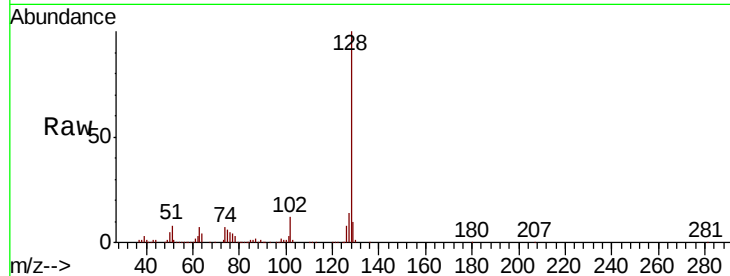




#31
Naphthalene
Concen: 37.840 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

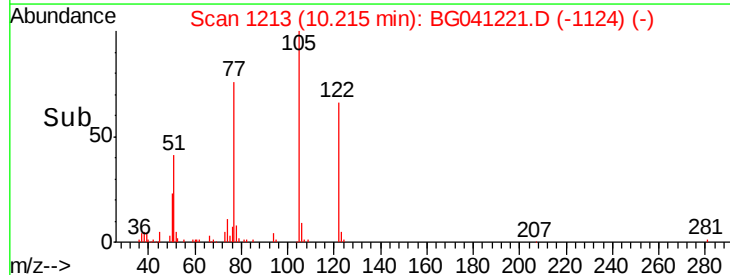
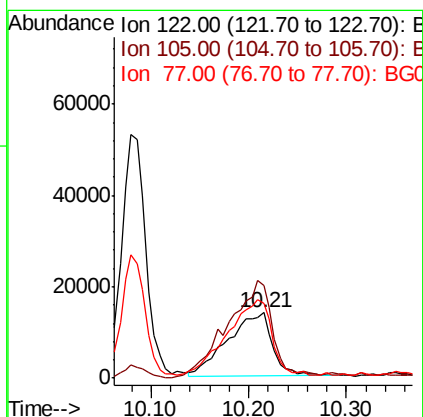
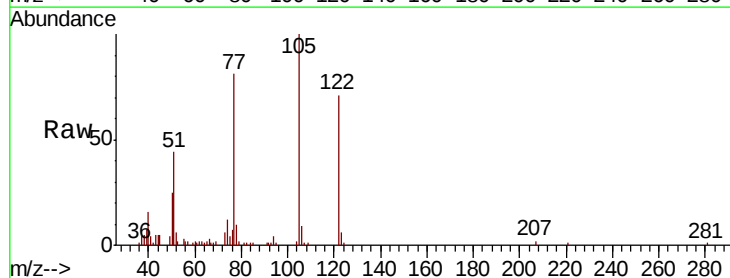
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

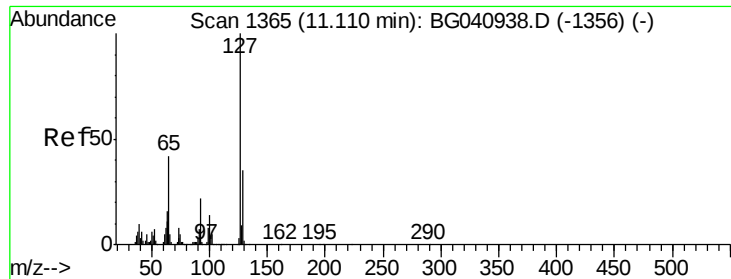
Tgt Ion:128 Resp: 356129
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.7 11.4 17.2



#32
Benzoic acid
Concen: 25.575 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:122 Resp: 44741
Ion Ratio Lower Upper
122 100
105 140.9 114.8 154.8
77 113.9 89.9 129.9

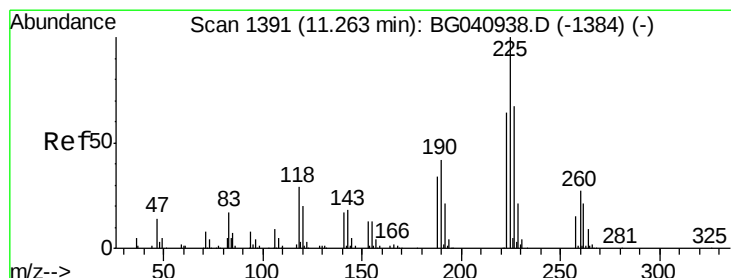
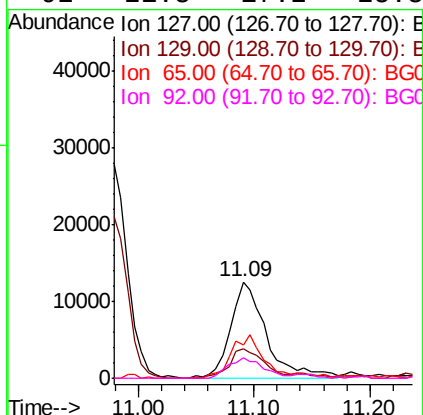
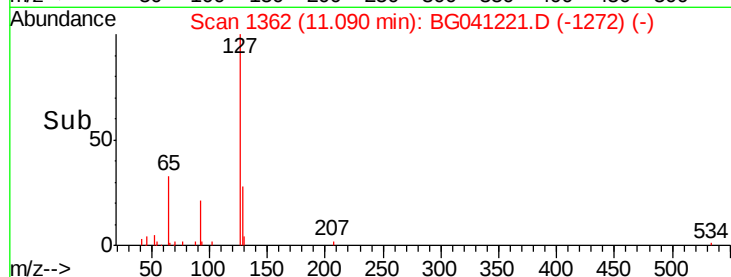
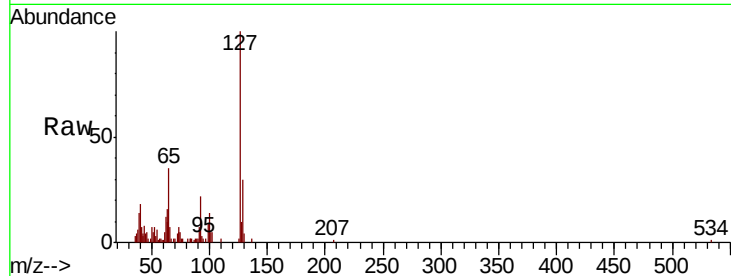




#33
4-Chloroaniline
Concen: 6.181 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

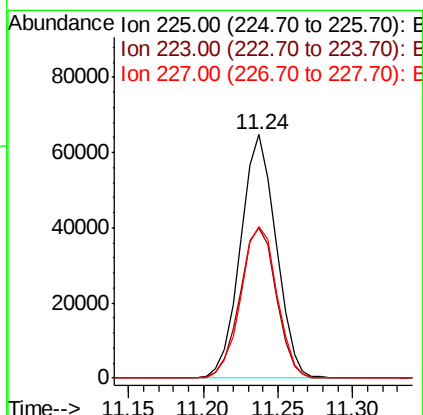
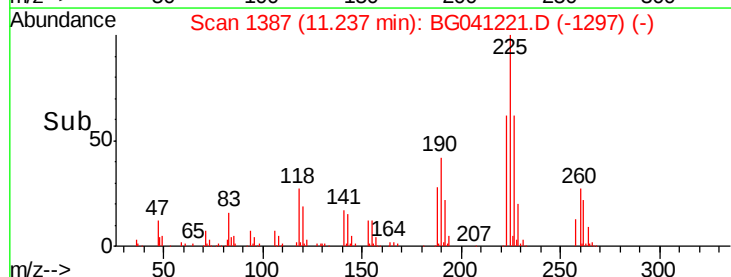
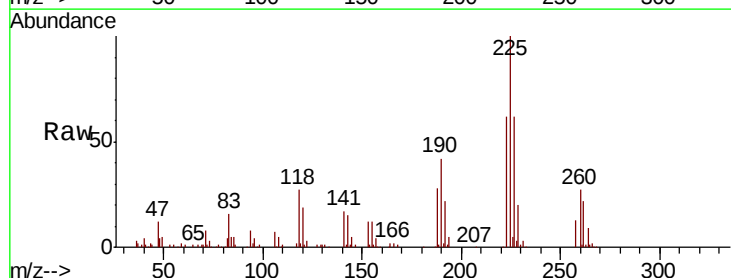
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

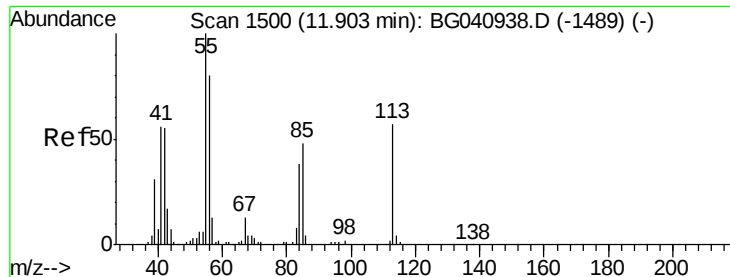
Tgt Ion:	127	Resp:	26992
Ion	Ratio	Lower	Upper
127	100		
129	30.3	27.7	41.5
65	35.3	33.2	49.8
92	21.8	17.2	25.8



#34
Hexachlorobutadiene
Concen: 35.208 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	225	Resp:	106621
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	62.1	51.4	77.0





#35

Caprolactam

Concen: 6.461 ng

RT: 11.90 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

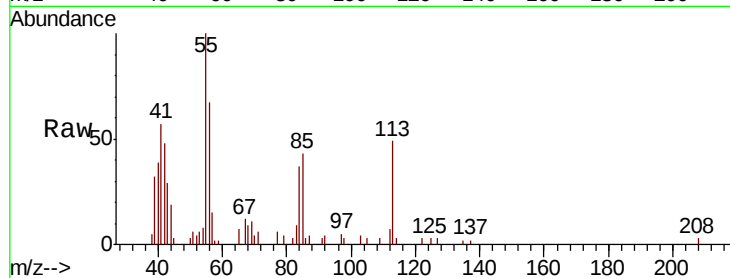
Tgt Ion:113 Resp: 7423

Ion Ratio Lower Upper

113 100

55 202.8 155.9 195.9#

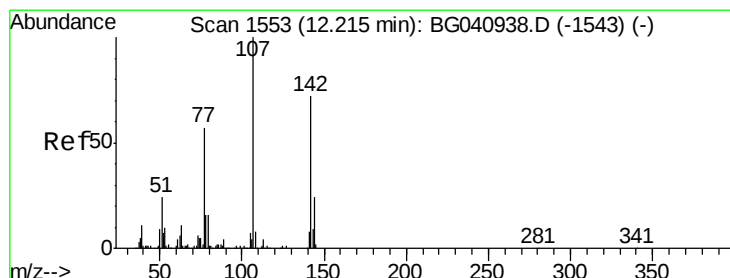
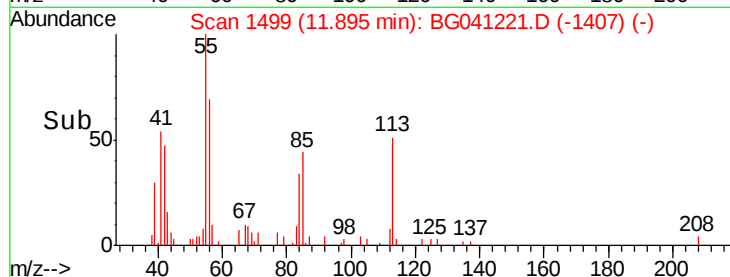
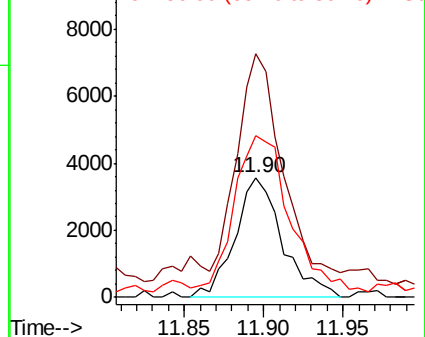
56 135.1 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 33.015 ng

RT: 12.19 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

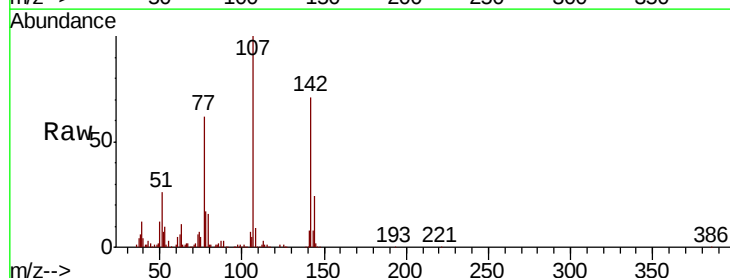
Tgt Ion:107 Resp: 131182

Ion Ratio Lower Upper

107 100

144 24.0 19.4 29.0

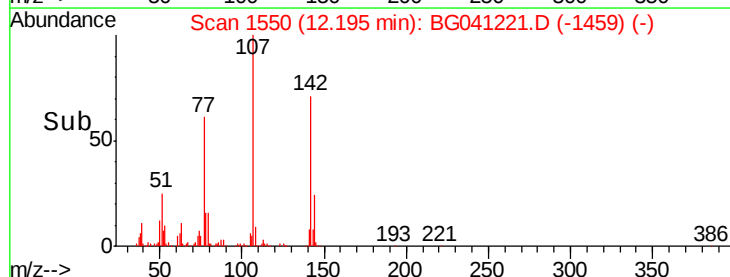
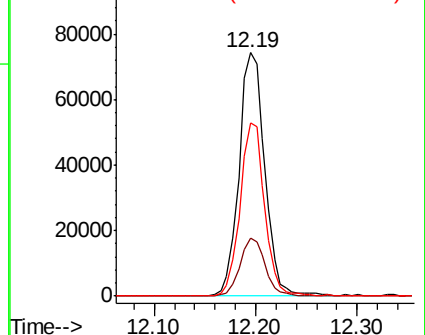
142 71.3 57.3 85.9

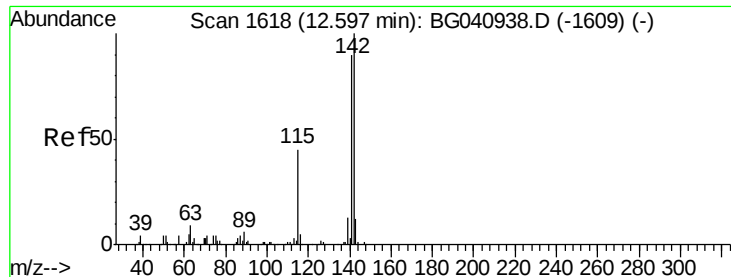


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

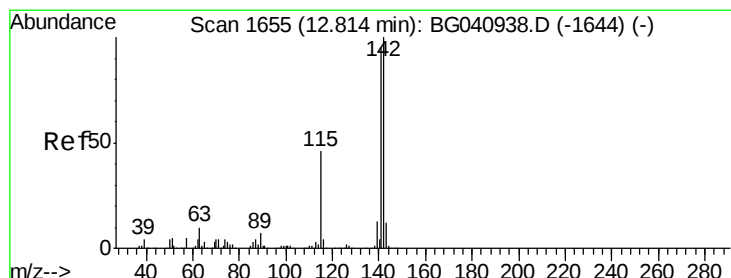
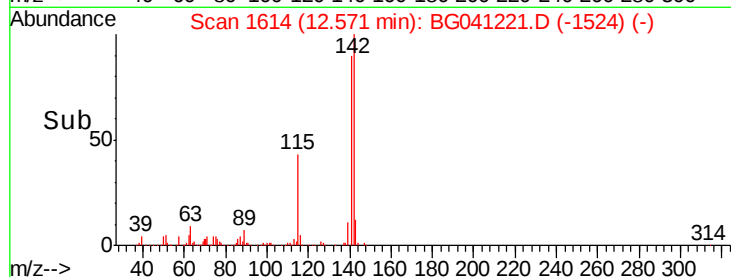
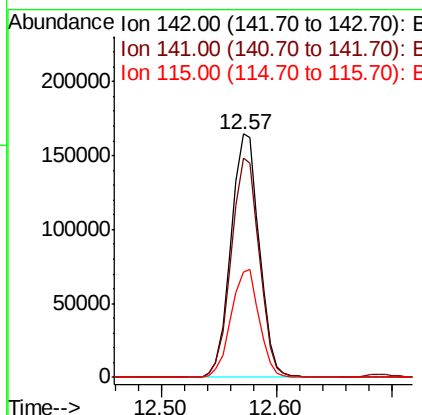
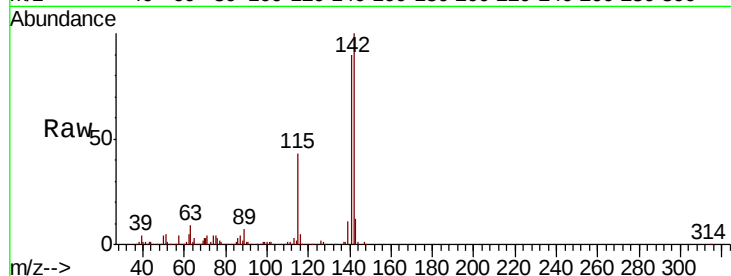




#37
2-Methylnaphthalene
Concen: 38.505 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

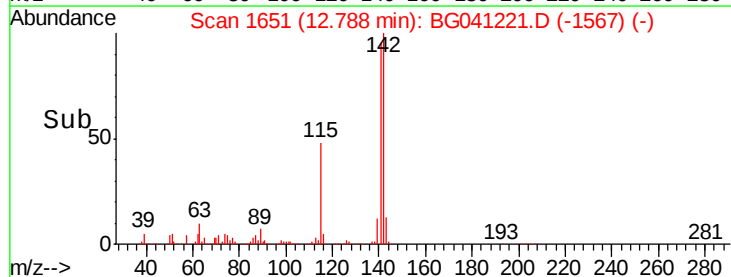
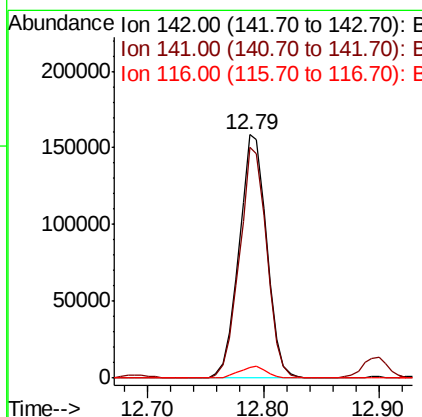
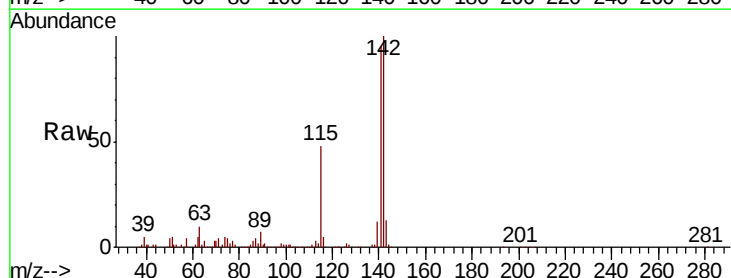
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

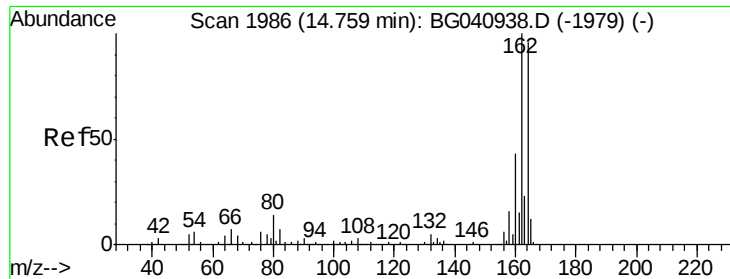
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4
115	43.3	36.2	54.4



#38
1-Methylnaphthalene
Concen: 38.474 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

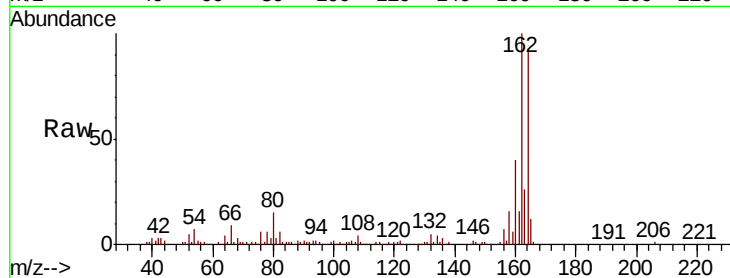
Tgt Ion:164 Resp: 125684

Ion Ratio Lower Upper

164 100

162 107.4 83.0 124.4

160 43.2 35.6 53.4

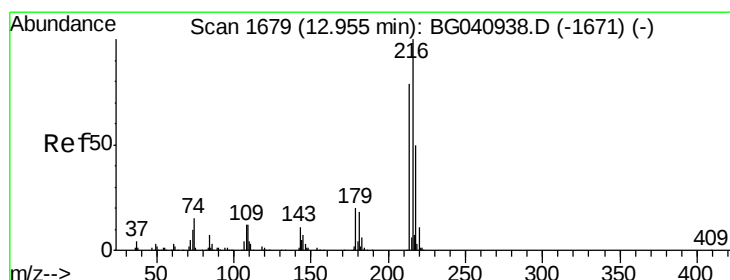
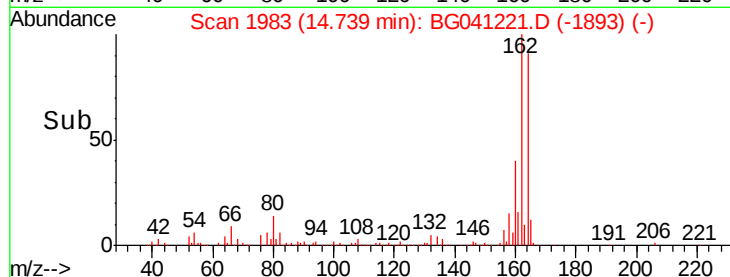
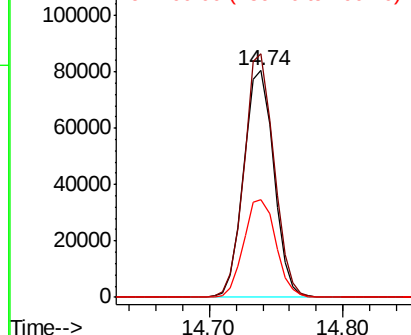


Abundance

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: 40.456 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Tgt Ion:216 Resp: 204941

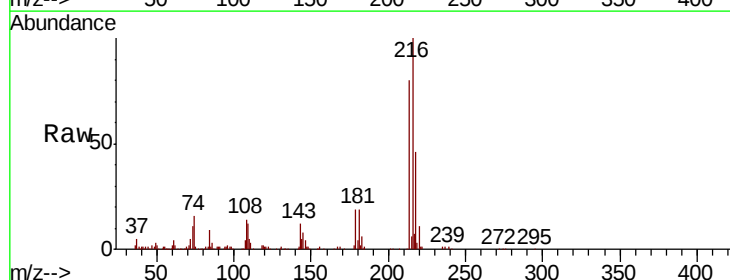
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 19.2 15.2 22.8

108 16.4 11.4 17.2



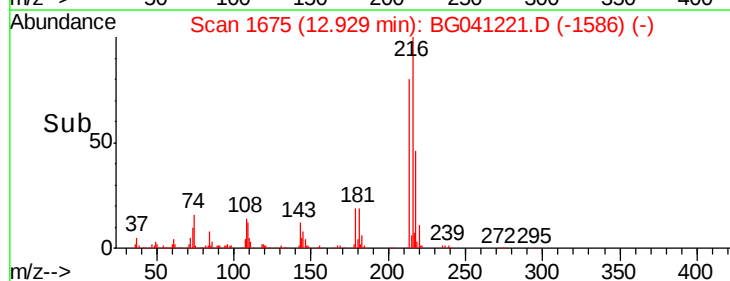
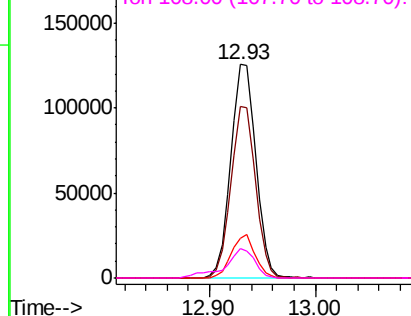
Abundance

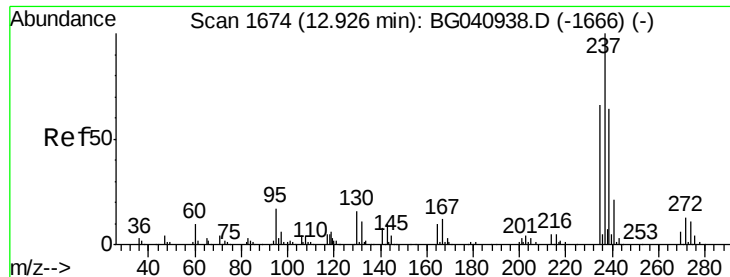
Ion 216.00 (215.70 to 216.70): E

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: 80.287 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

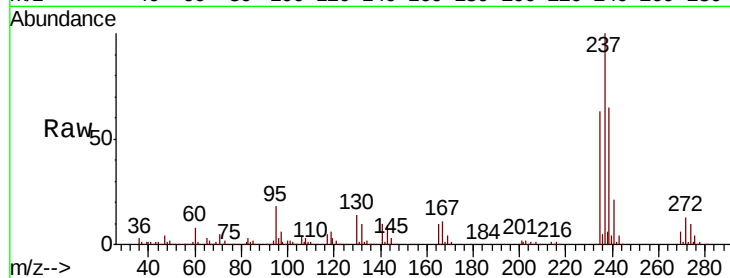
Tgt Ion: 237 Resp: 218718

Ion Ratio Lower Upper

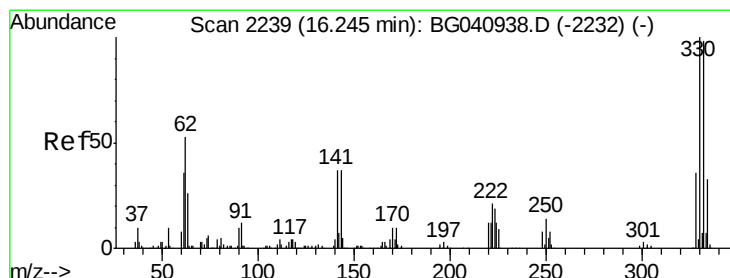
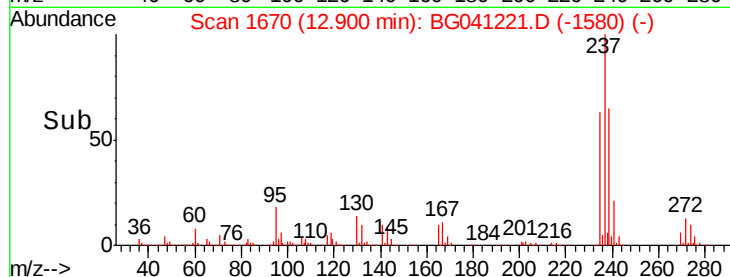
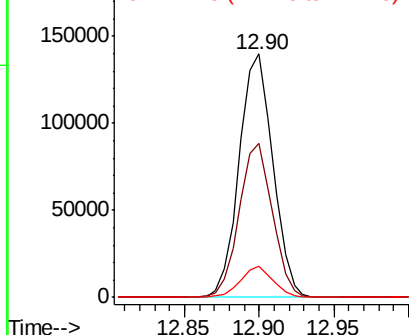
237 100

235 63.4 45.5 85.5

272 12.8 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: 81.194 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

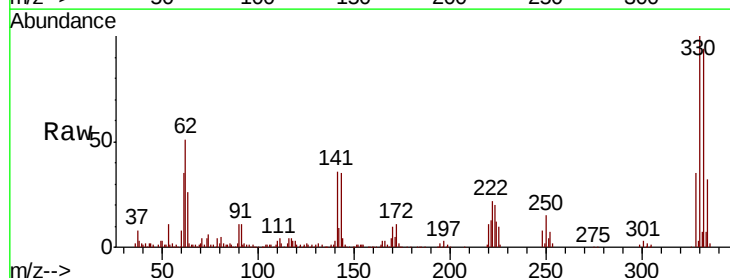
Tgt Ion: 330 Resp: 151498

Ion Ratio Lower Upper

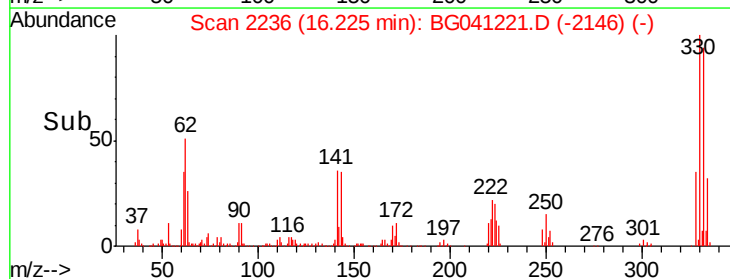
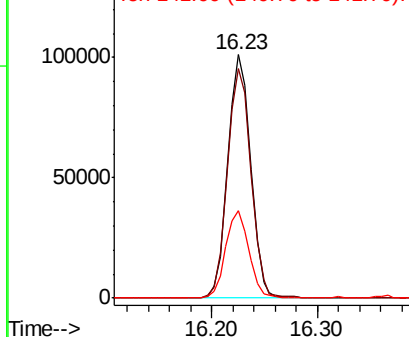
330 100

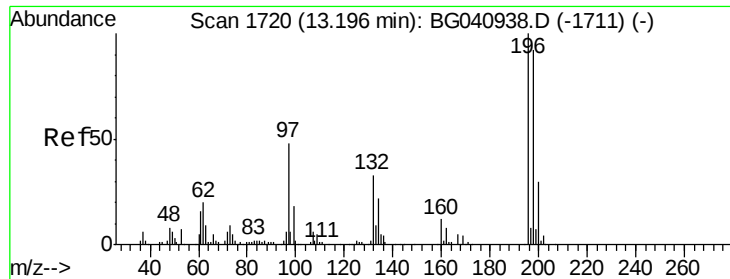
332 96.5 78.5 117.7

141 36.7 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

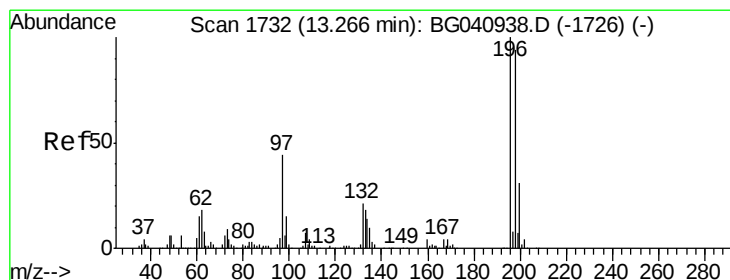
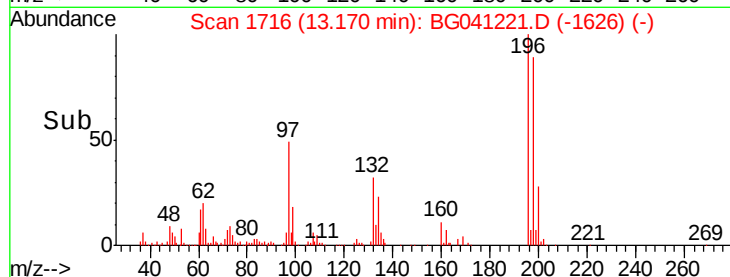
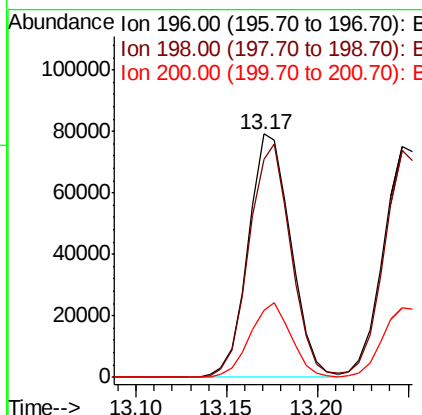
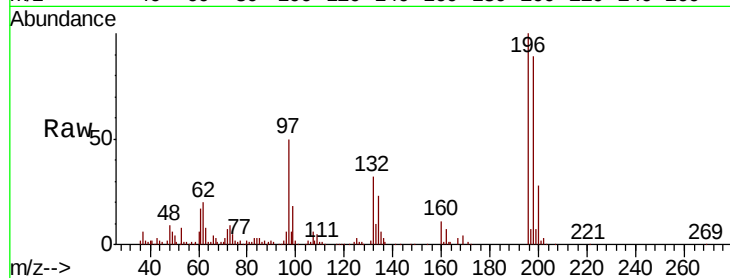




#43
 2,4,6-Trichlorophenol
 Concen: 39.302 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

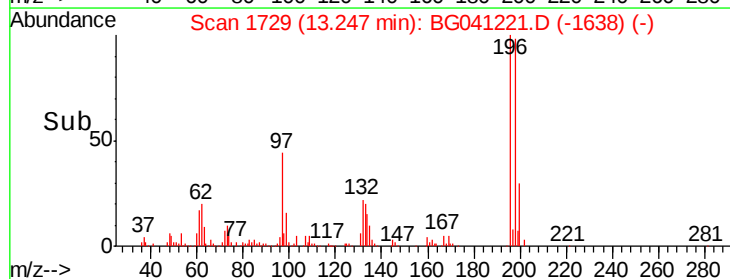
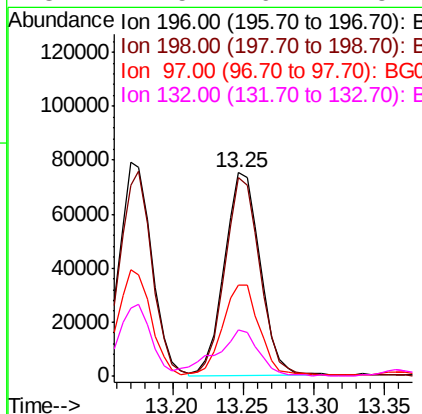
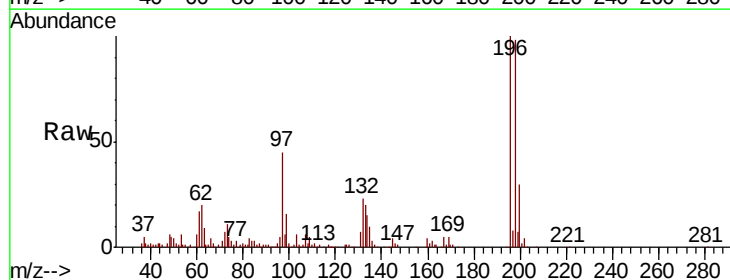
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tgt Ion:196 Resp: 128797
 Ion Ratio Lower Upper
 196 100
 198 89.5 73.8 110.6
 200 27.6 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 38.338 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion:196 Resp: 132500
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.1 112.7
 97 45.0 35.6 53.4
 132 22.5 16.7 25.1

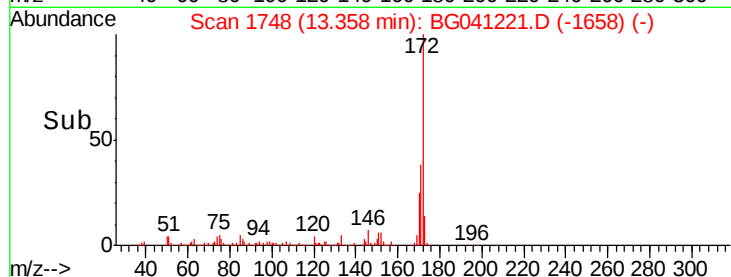
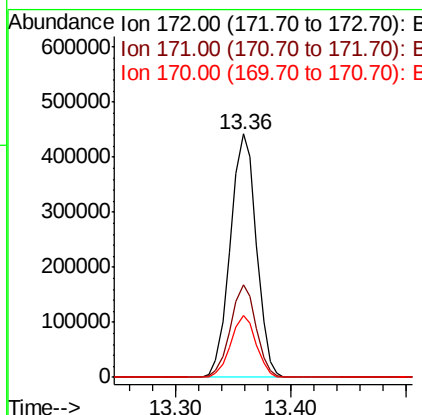
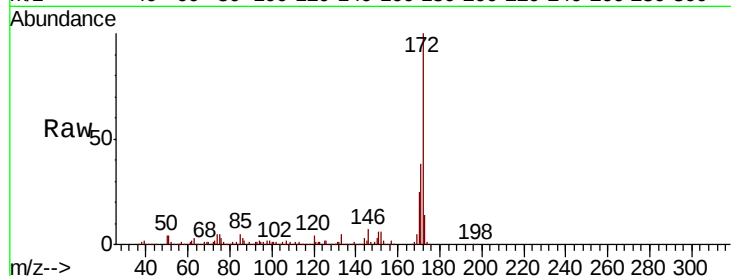




#45
2-Fluorobiphenyl
Concen: 79.246 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

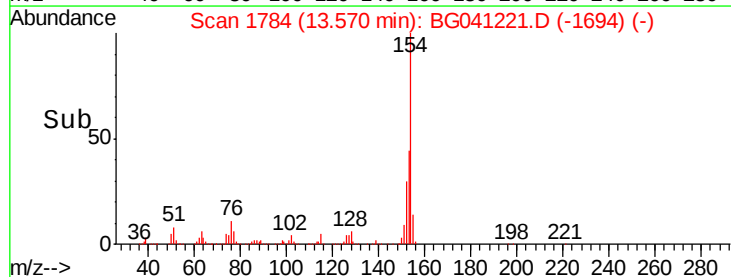
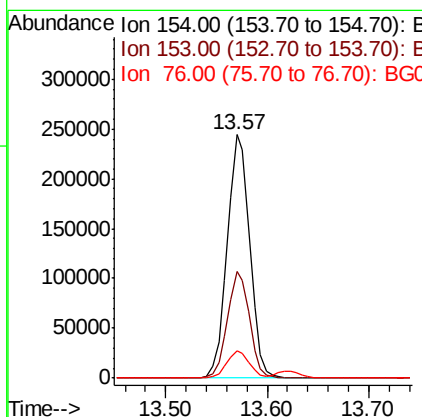
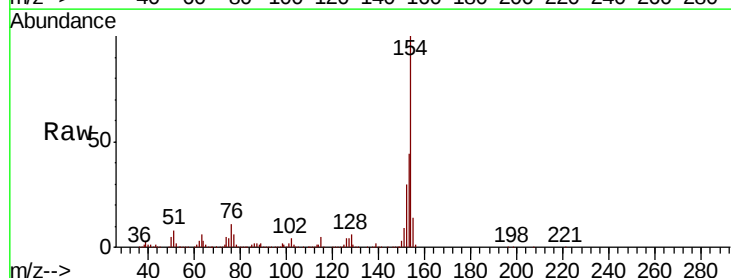
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

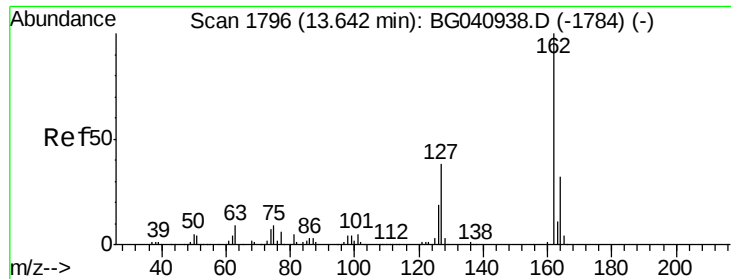
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.1	46.7
170	25.4	20.5	30.7



#46
1,1'-Biphenyl
Concen: 40.364 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.3	63.3
76	11.2	0.0	31.1

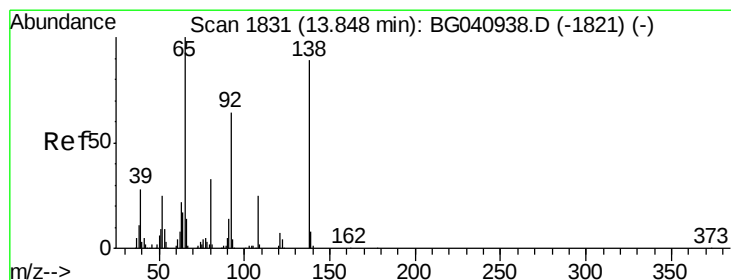
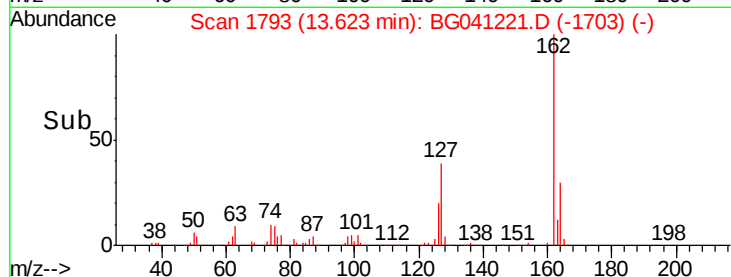
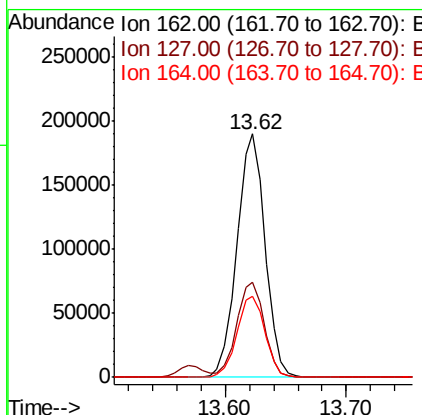
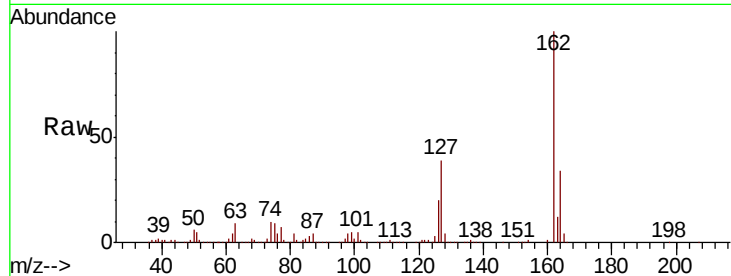




#47
 2-Chloronaphthalene
 Concen: 38.607 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

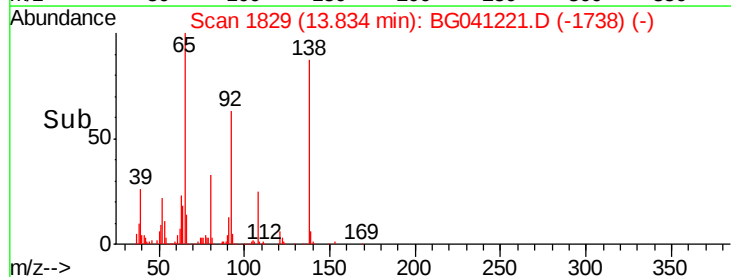
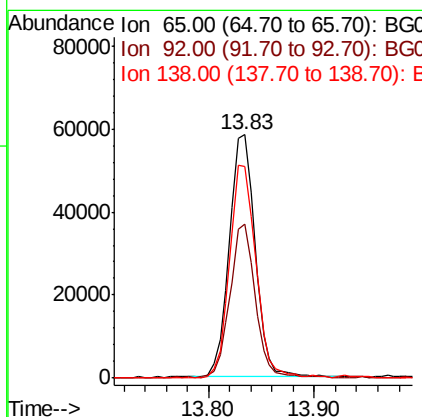
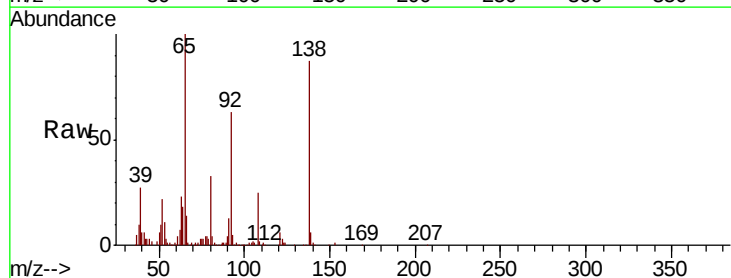
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

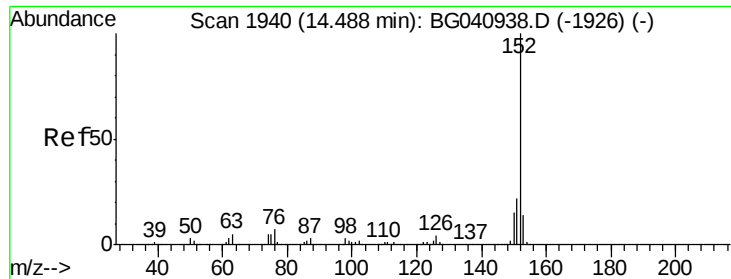
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.5	45.7
164	33.5	25.8	38.6



#48
 2-Nitroaniline
 Concen: 34.284 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.1	51.0	76.6
138	87.1	71.2	106.8





#49

Acenaphthylene

Concen: 39.240 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

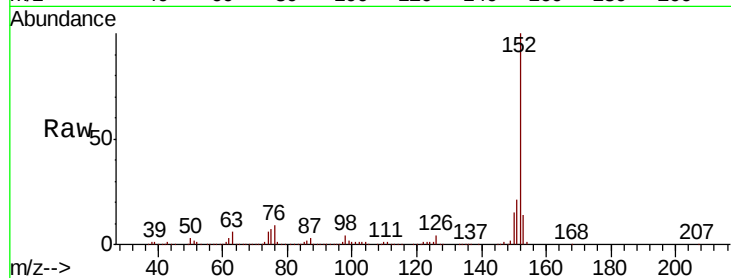
Tgt Ion:152 Resp: 471685

Ion Ratio Lower Upper

152 100

151 20.7 17.4 26.0

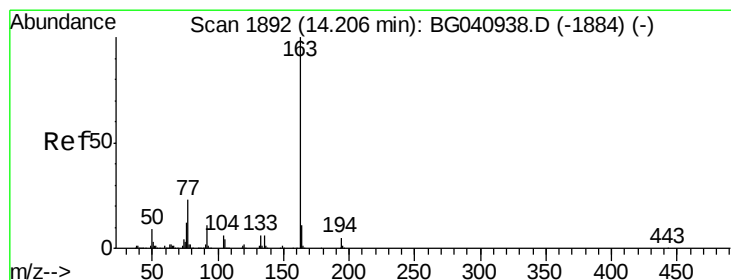
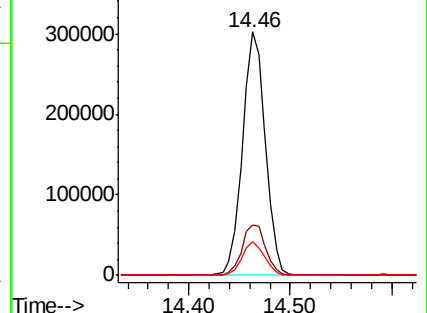
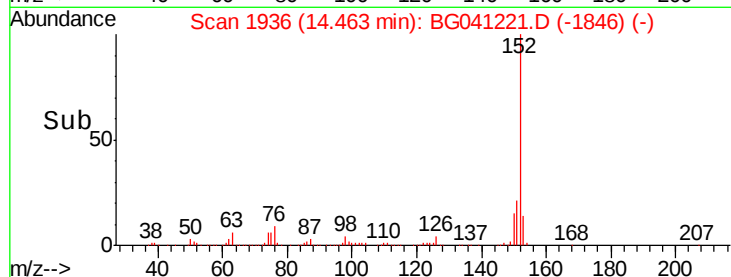
153 13.7 11.0 16.4



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: 42.178 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

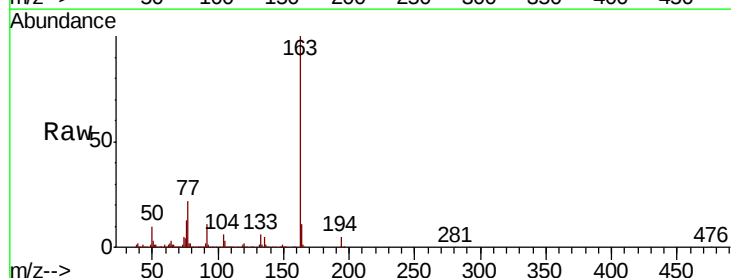
Tgt Ion:163 Resp: 448736

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

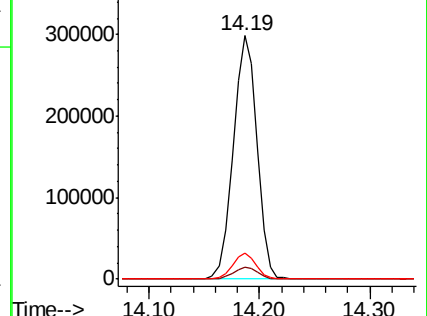
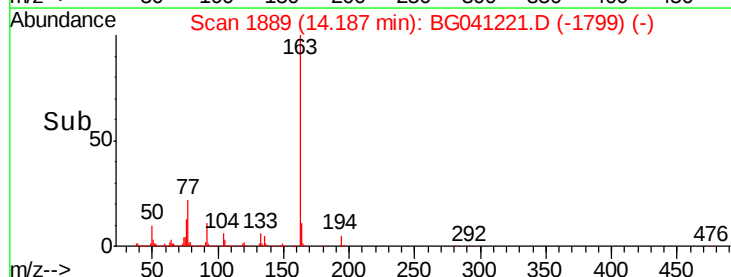
164 10.9 8.7 13.1

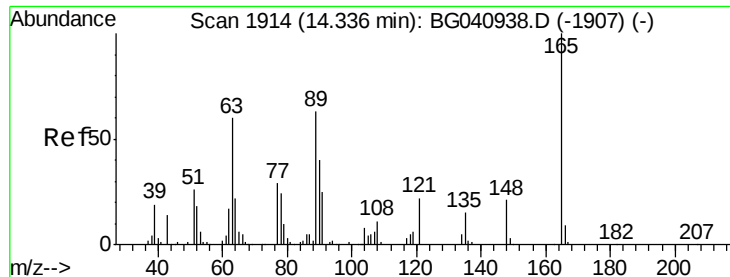


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

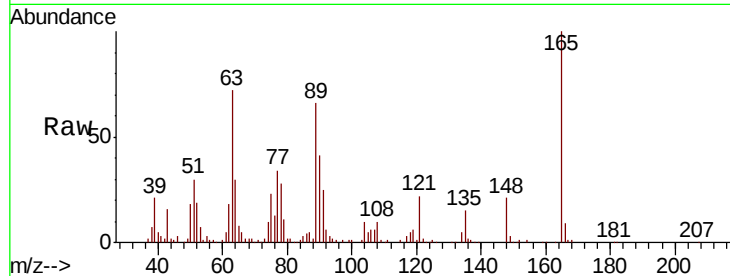




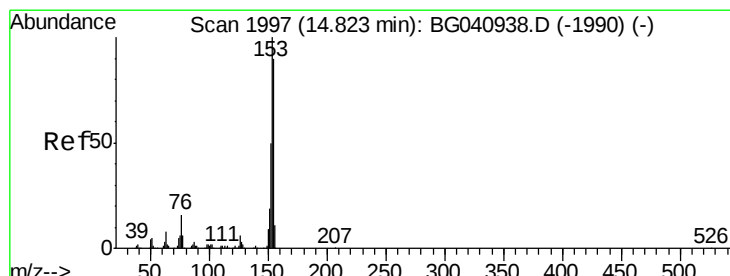
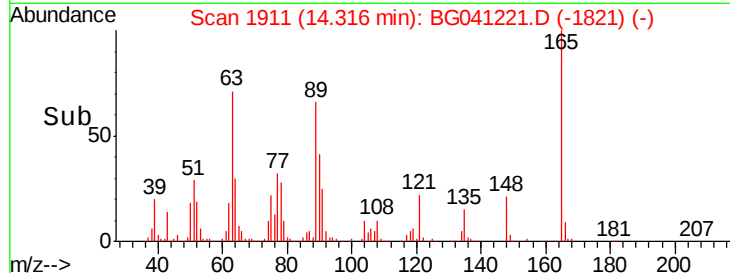
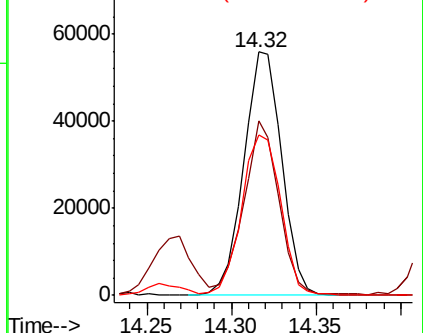
#51
2,6-Dinitrotoluene
Concen: 38.039 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion:165 Resp: 87258
Ion Ratio Lower Upper
165 100
63 71.5 53.6 80.4
89 66.0 50.4 75.6

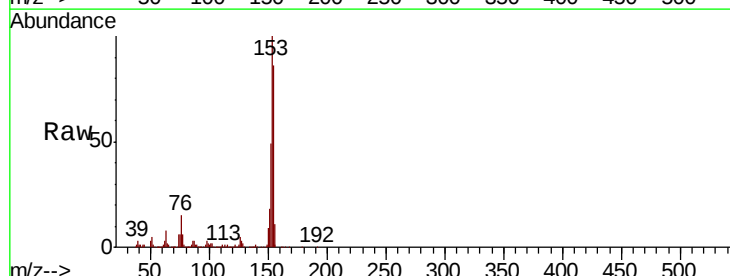


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

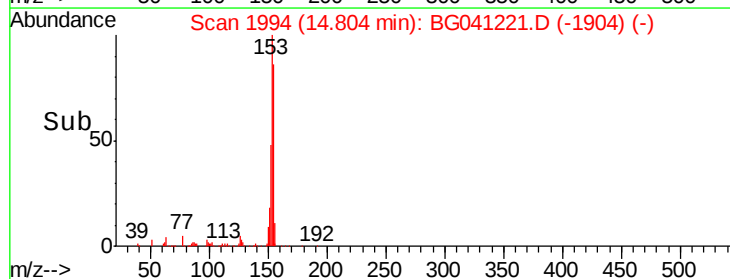
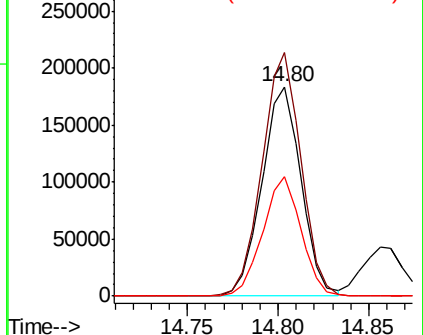


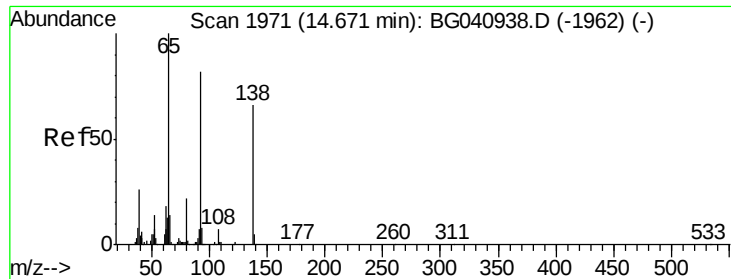
#52
Acenaphthene
Concen: 37.693 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:154 Resp: 274483
Ion Ratio Lower Upper
154 100
153 116.4 88.6 133.0
152 57.0 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: 13.122 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

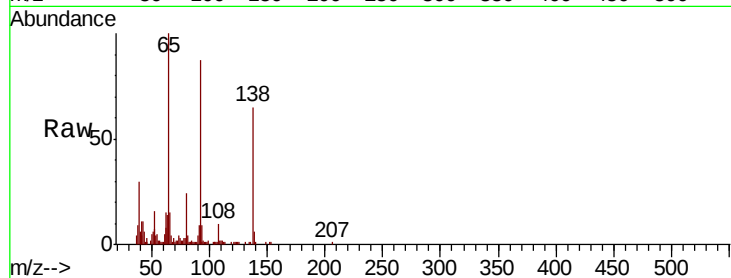
Tgt Ion:138 Resp: 30100

Ion Ratio Lower Upper

138 100

108 16.0 8.5 12.7#

92 133.4 99.0 148.6

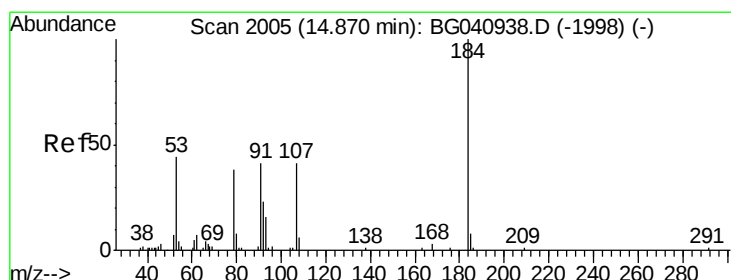
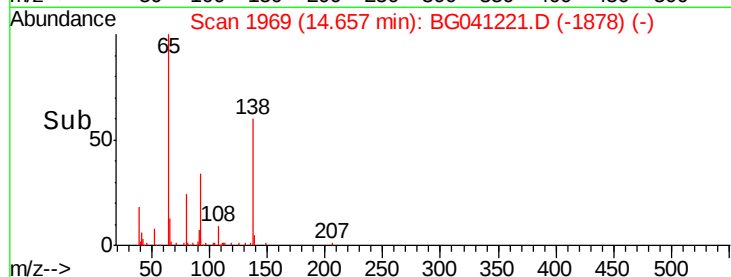
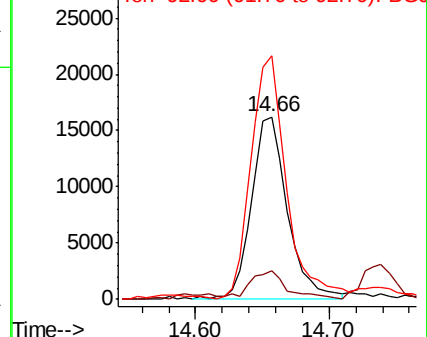


Abundance

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: 87.859 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

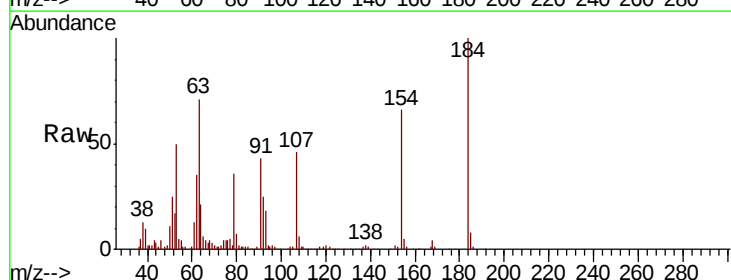
Tgt Ion:184 Resp: 109511

Ion Ratio Lower Upper

184 100

63 71.4 49.8 74.6

154 66.5 52.2 78.4

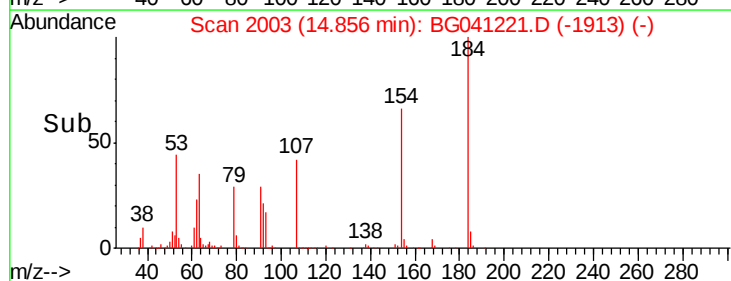
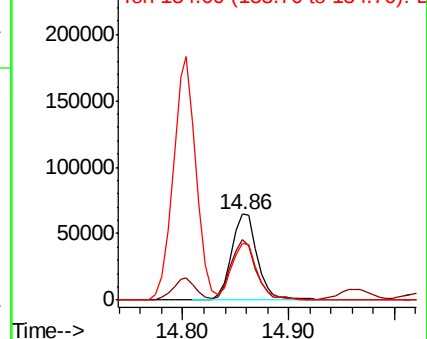


Abundance

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

Dibenzofuran

Concen: 39.454 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

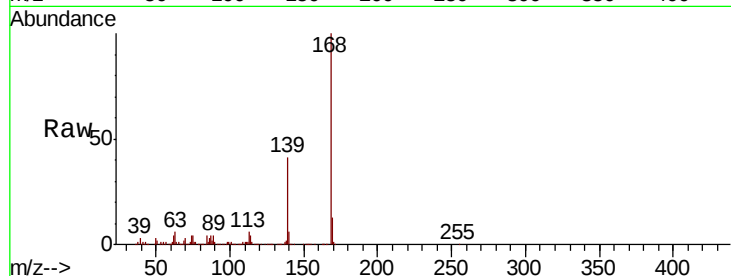
Tgt Ion:168 Resp: 483429

Ion Ratio Lower Upper

168 100

139 41.5 32.8 49.2

169 13.4 11.3 16.9

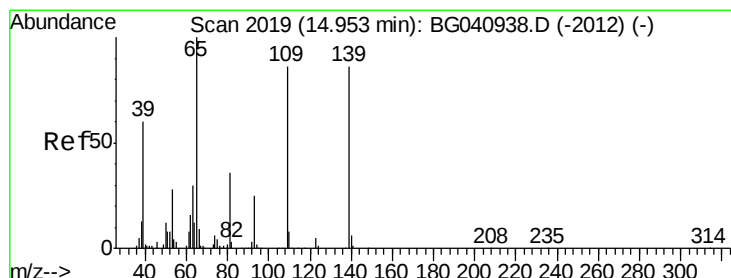
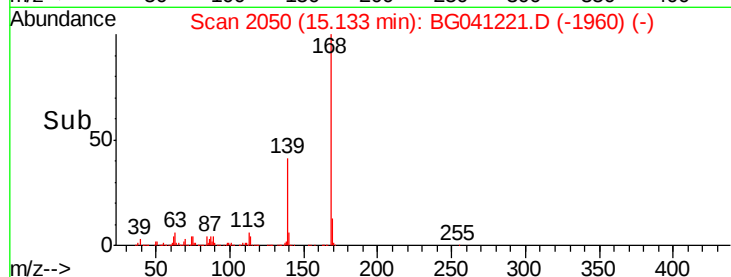
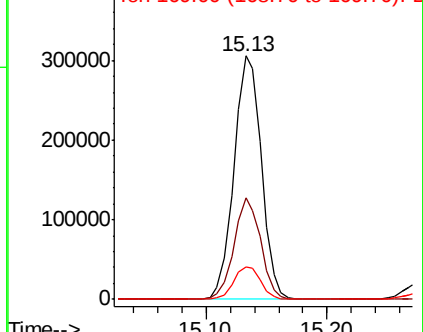


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 28.341 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

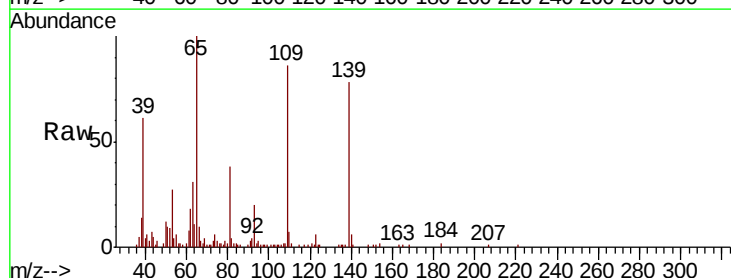
Tgt Ion:139 Resp: 44590

Ion Ratio Lower Upper

139 100

109 110.4 79.6 119.6

65 128.0 96.9 136.9

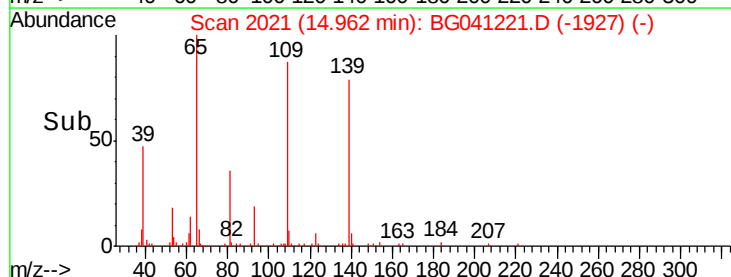
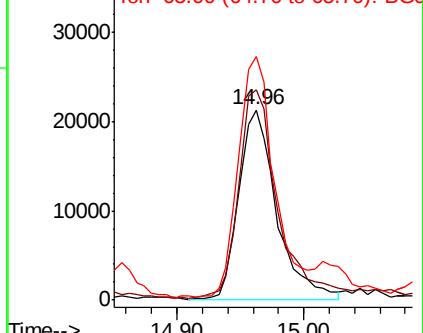


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

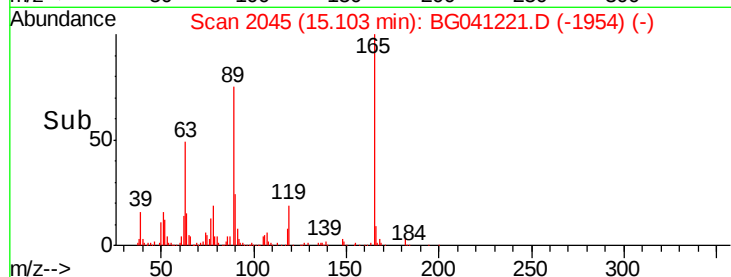
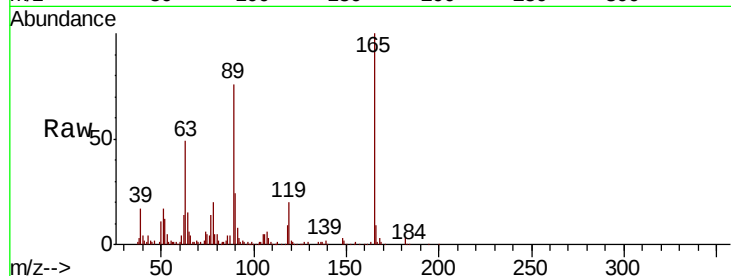




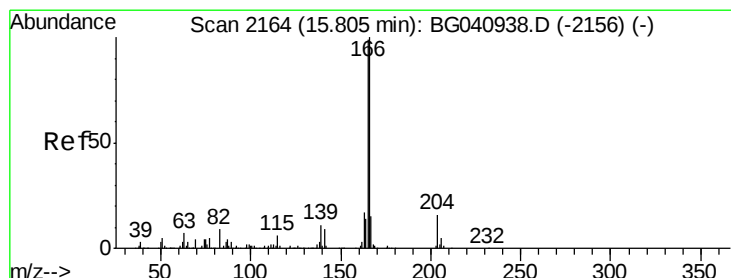
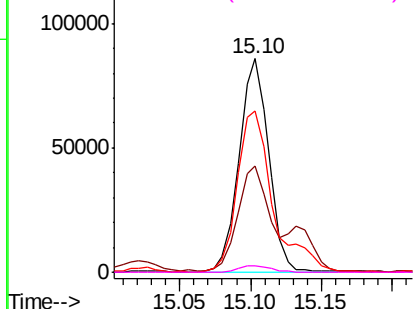
#57
2,4-Dinitrotoluene
Concen: 38.930 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	37.3	55.9
89	75.5	61.0	91.6
182	3.2	2.2	3.2

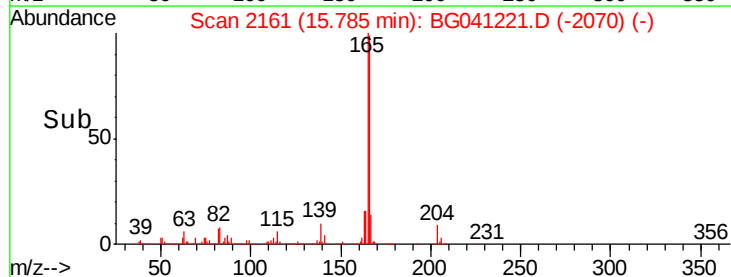
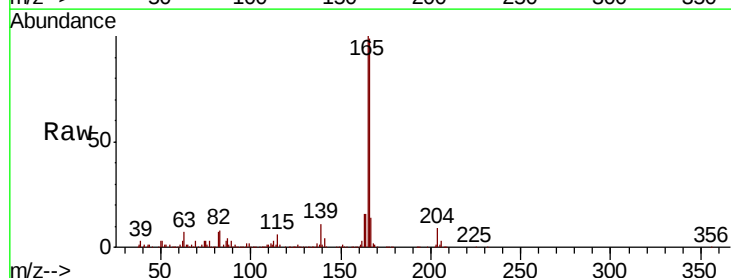


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

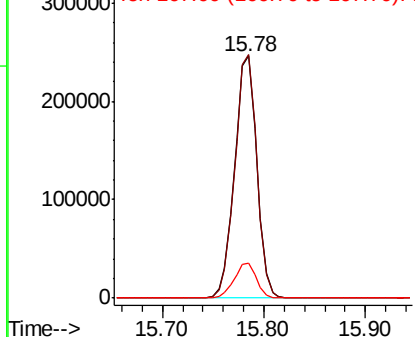


#58
Fluorene
Concen: 38.395 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.2	118.8
167	14.3	11.8	17.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

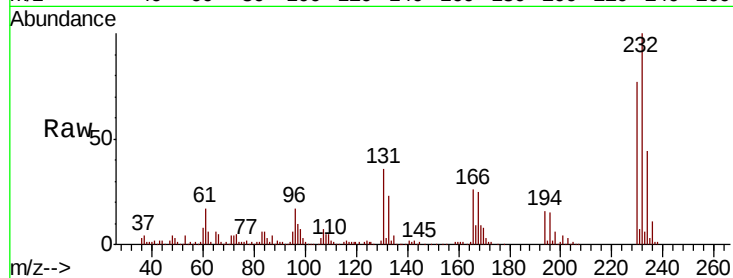




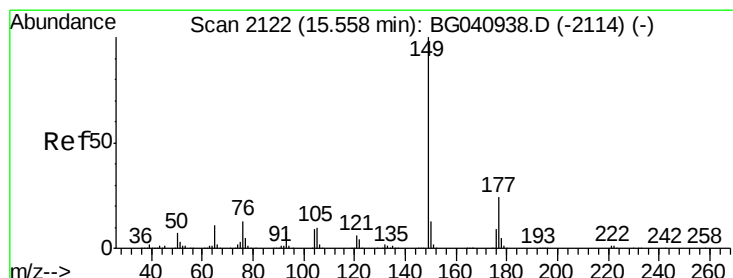
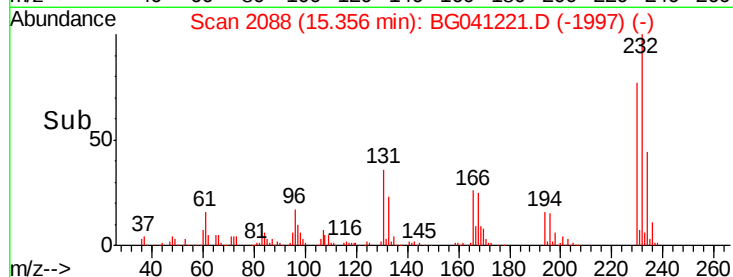
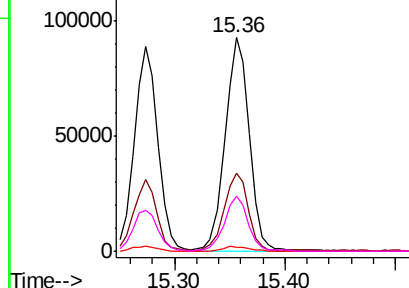
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.894 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tgt Ion:	232	Resp:	142292
Ion	Ratio	Lower	Upper
232	100		
131	35.7	30.3	45.5
130	2.1	1.8	2.8
166	24.8	21.3	31.9

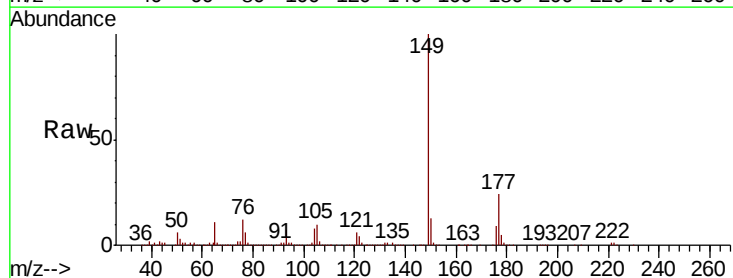


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

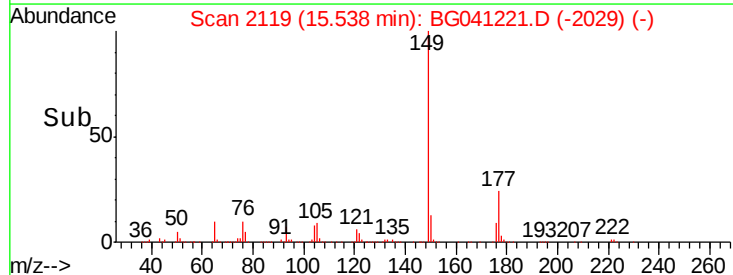
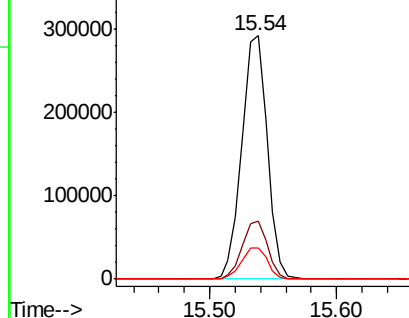


#60
 Diethylphthalate
 Concen: 37.579 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion:	149	Resp:	408018
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	12.8	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

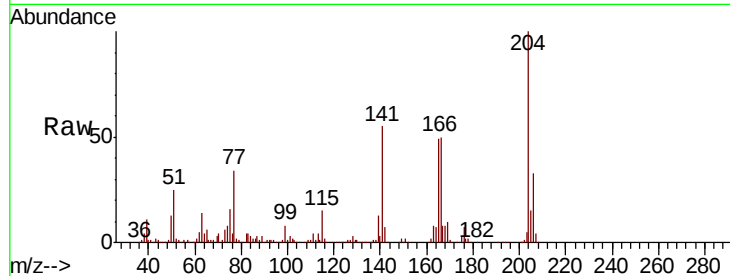




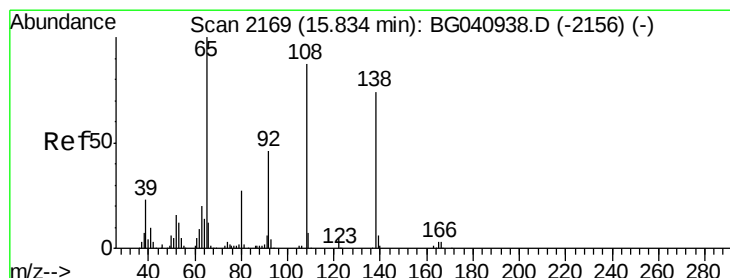
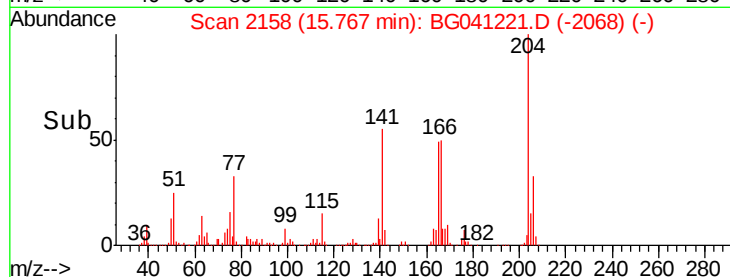
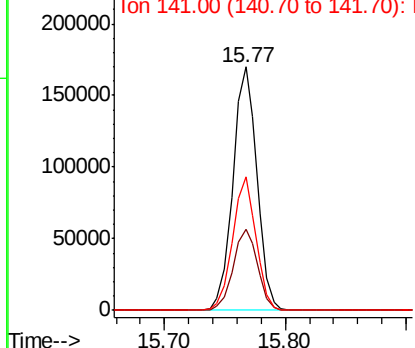
#61
 4-Chlorophenyl-phenylether
 Concen: 37.057 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.6	41.4
141	54.8	45.1	67.7

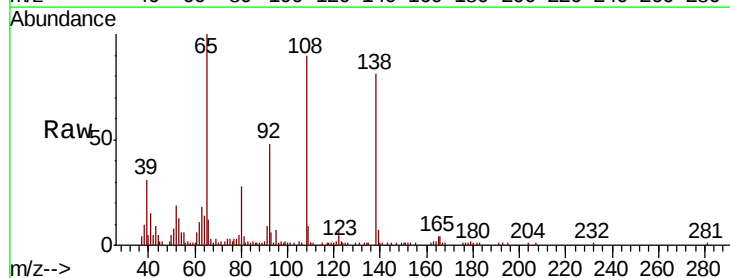


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

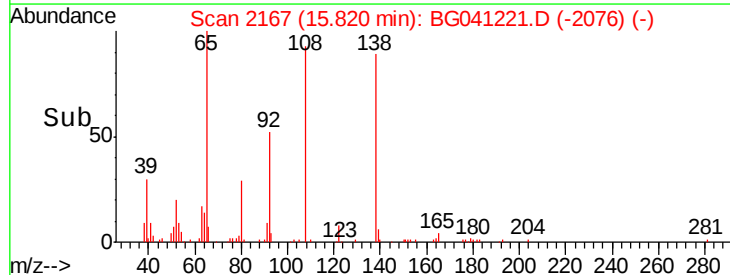
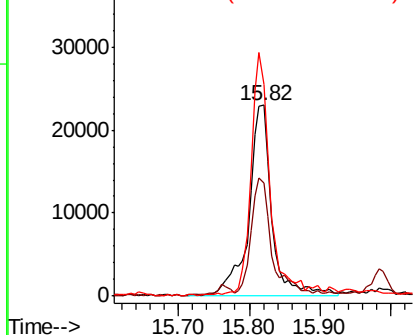


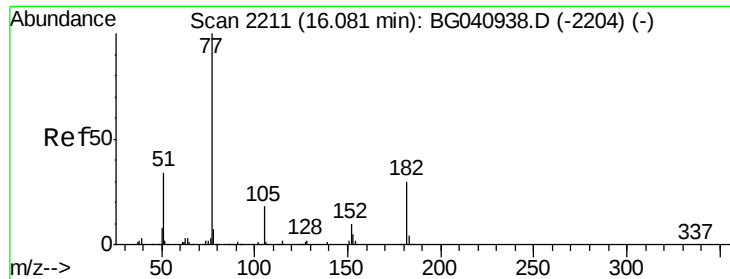
#62
 4-Nitroaniline
 Concen: 21.827 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.0	42.4	82.4
108	111.0	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

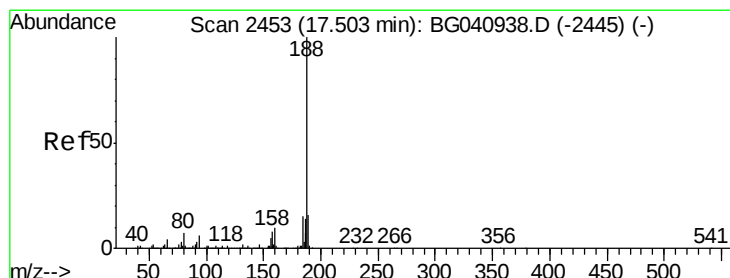
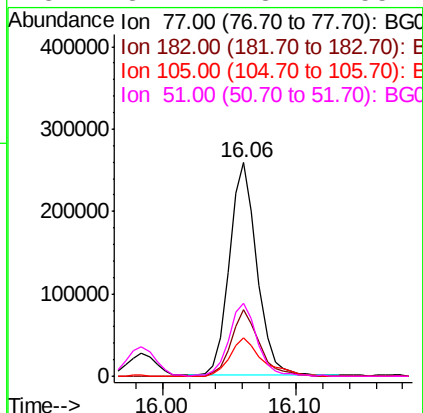
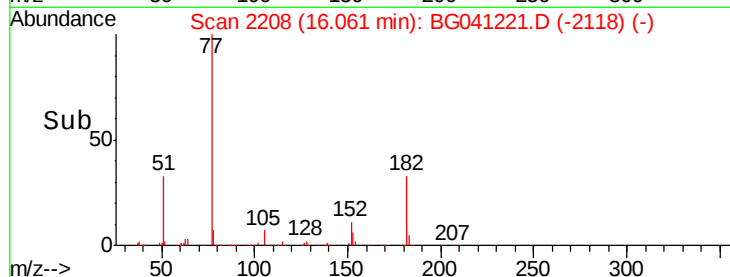
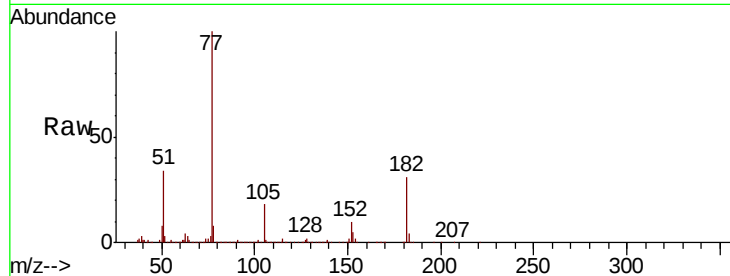




#63
Azobenzene
Concen: 37.729 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

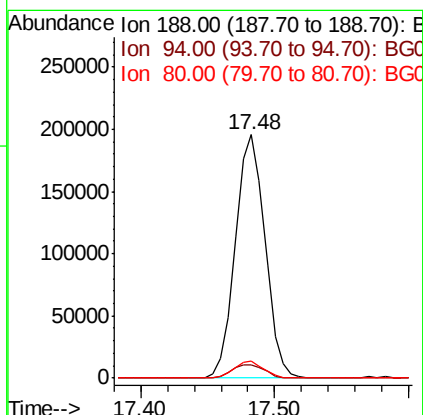
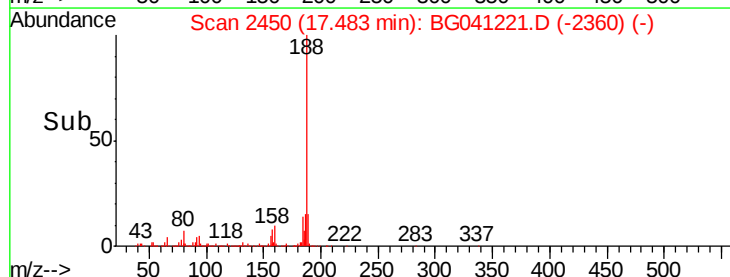
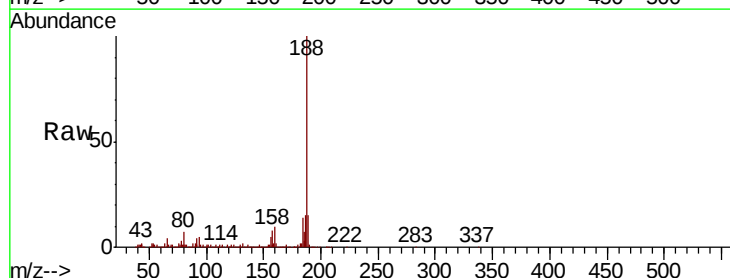
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

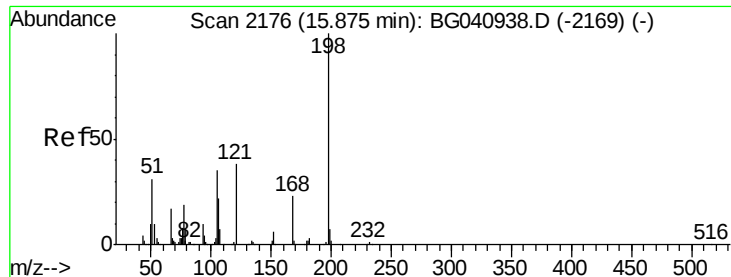
Tgt Ion:	77	Resp:	372326
Ion	Ratio	Lower	Upper
77	100		
182	31.5	9.6	49.6
105	18.2	0.0	37.5
51	34.4	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	188	Resp:	301552
Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.7	7.1
80	7.9	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 46.239 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

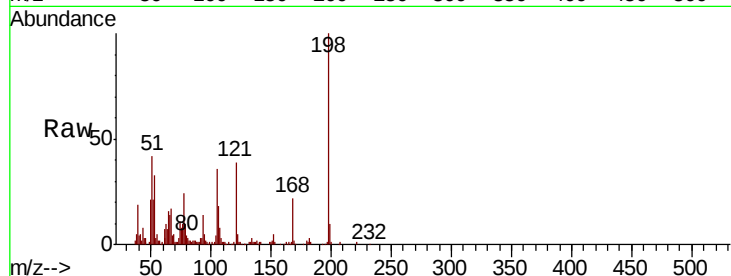
Tgt Ion:198 Resp: 74098

Ion Ratio Lower Upper

198 100

51 41.6 21.6 61.6

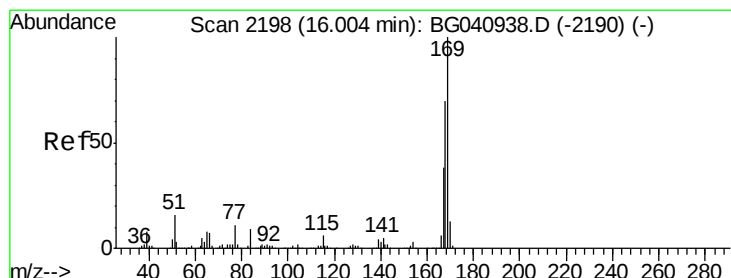
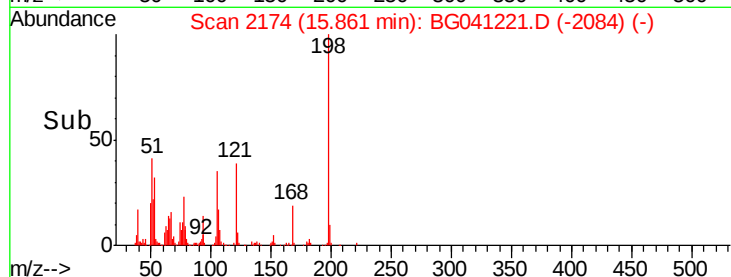
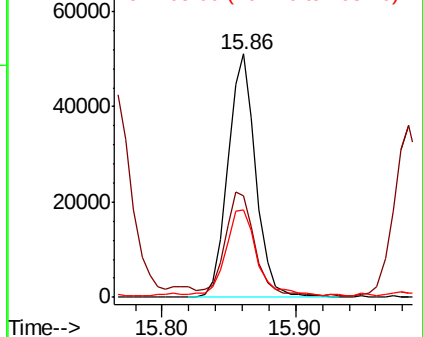
105 35.7 17.5 57.5



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: 40.348 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

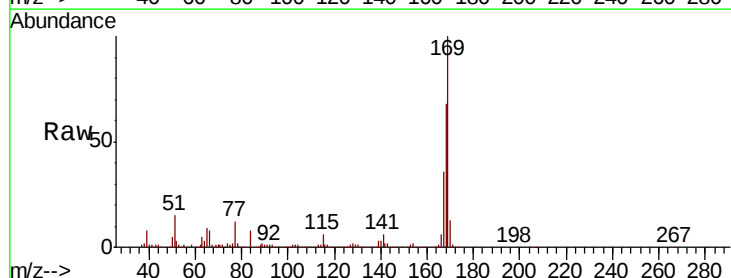
Tgt Ion:169 Resp: 342029

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

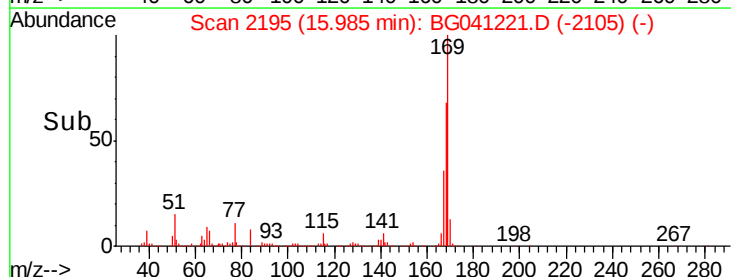
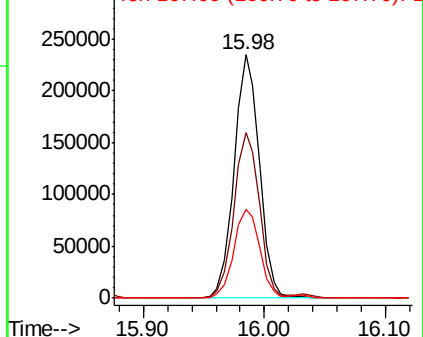
167 36.3 30.2 45.2



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

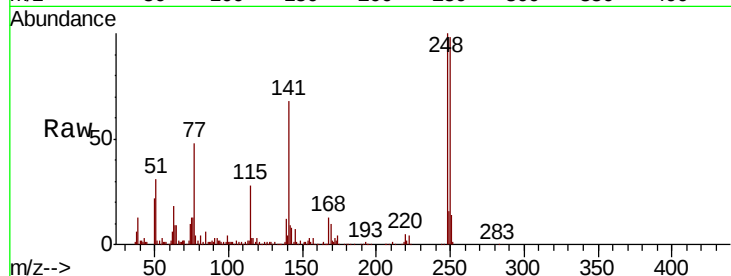




#67
4-Bromophenyl-phenylether
Concen: 37.311 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.0	112.4
141	67.6	52.4	78.6

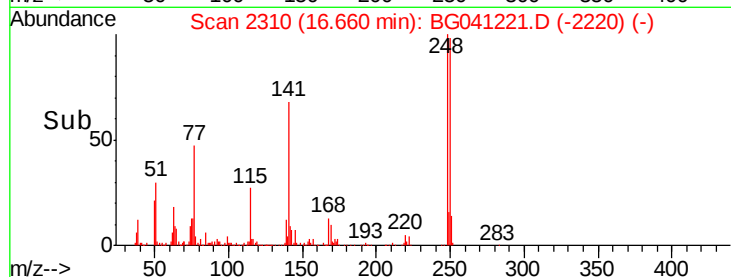
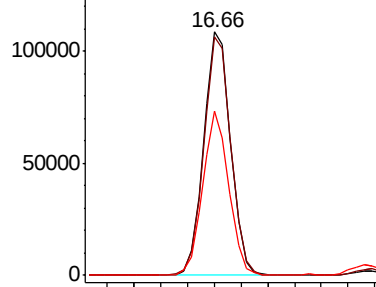


Abundance

Ion 248.00 (247.70 to 248.70): E

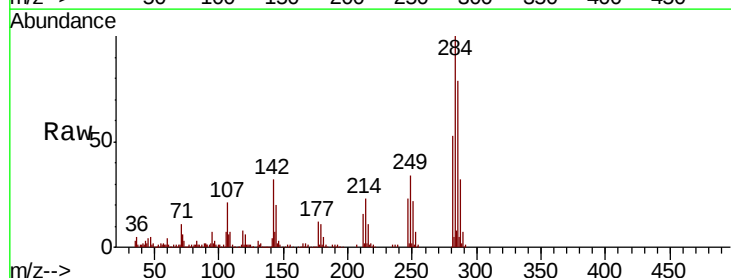
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.172 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	23.9	35.9
249	33.5	26.8	40.2

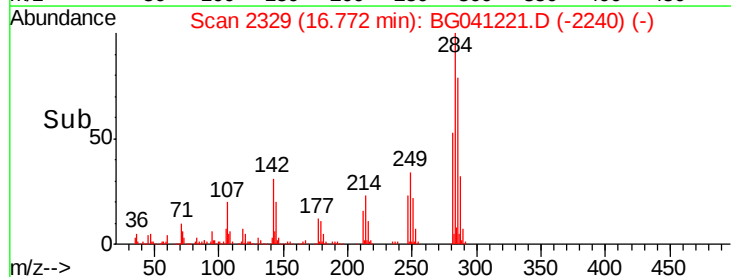
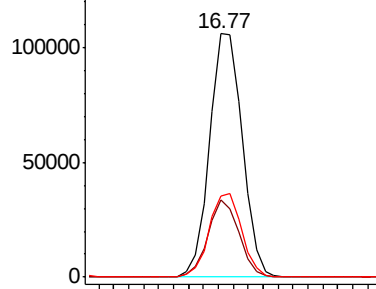


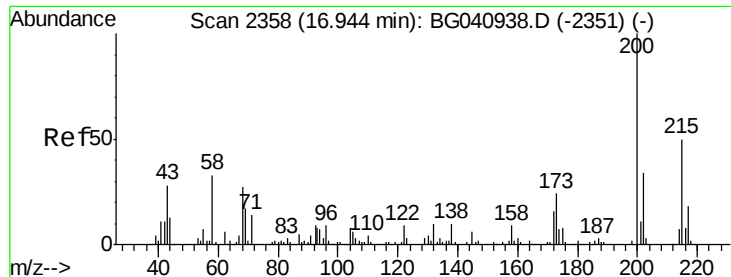
Abundance

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: 43.407 ng

RT: 16.93 min Scan# 2356

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

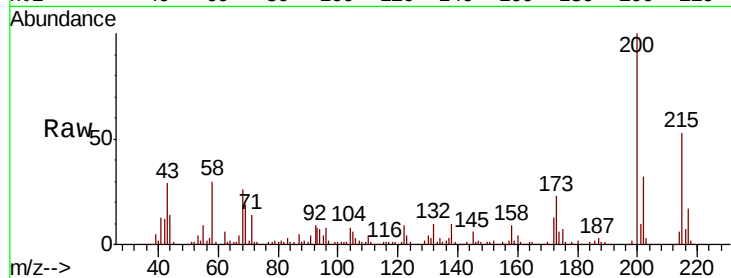
Tgt Ion:200 Resp: 141979

Ion Ratio Lower Upper

200 100

173 23.0 3.6 43.6

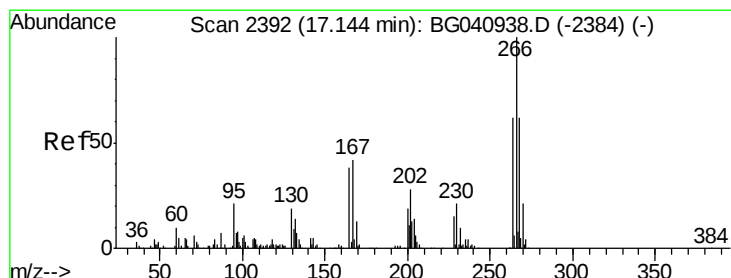
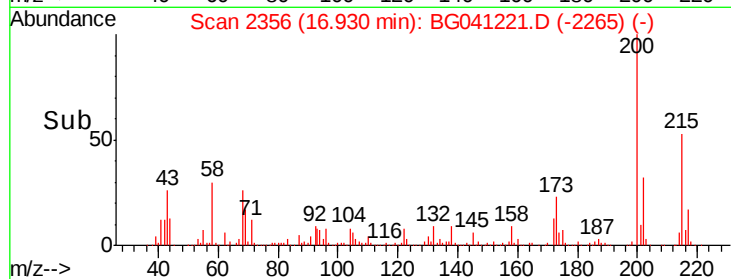
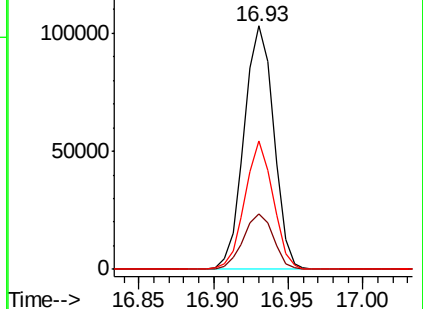
215 52.8 29.6 69.6



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: 83.251 ng

RT: 17.12 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

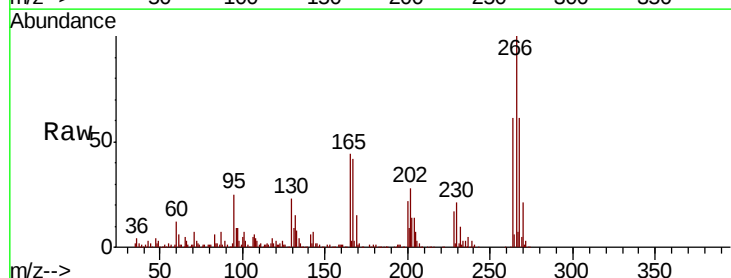
Tgt Ion:266 Resp: 193686

Ion Ratio Lower Upper

266 100

268 61.4 53.1 79.7

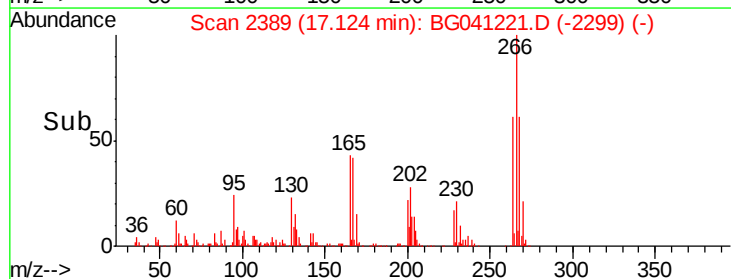
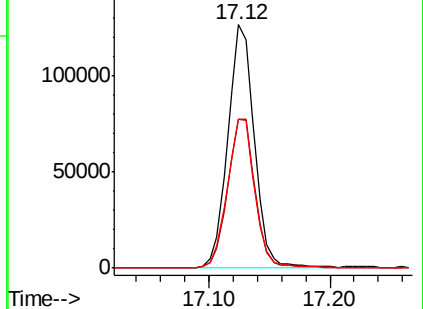
264 61.1 49.9 74.9

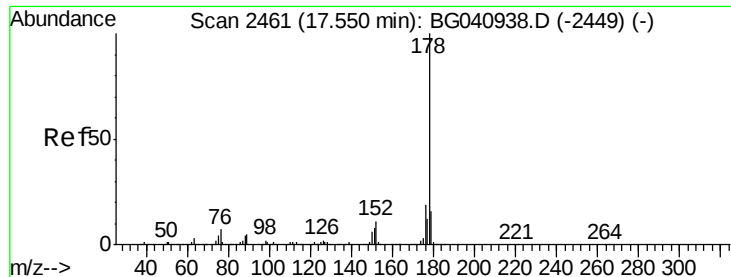


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

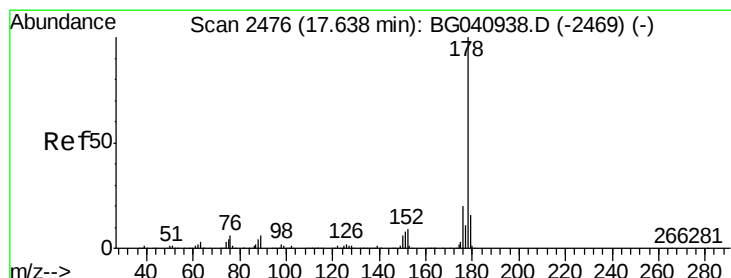
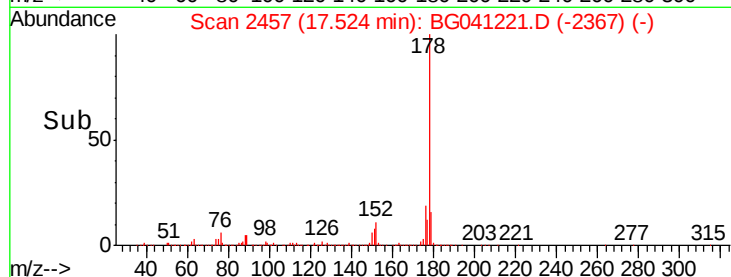
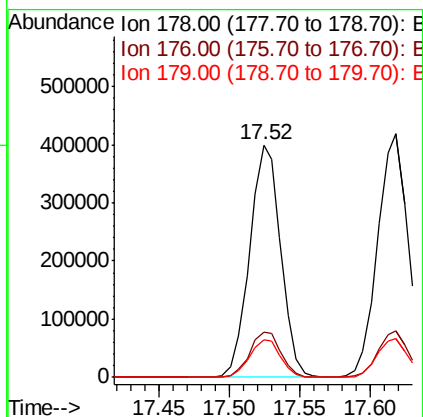
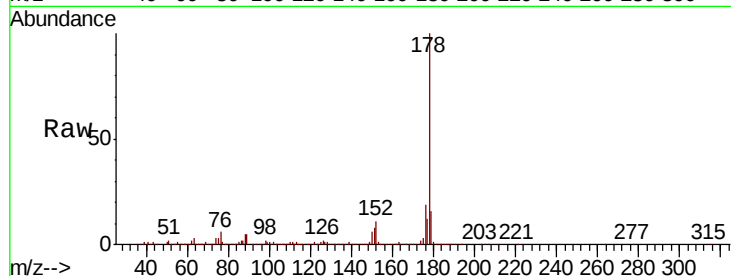




#71
Phenanthrene
Concen: 39.401 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

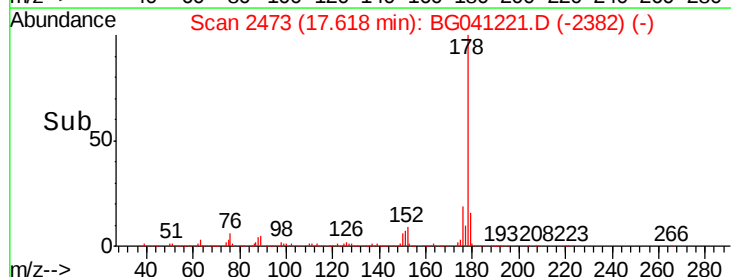
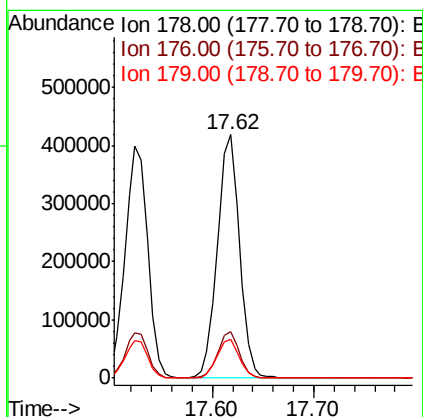
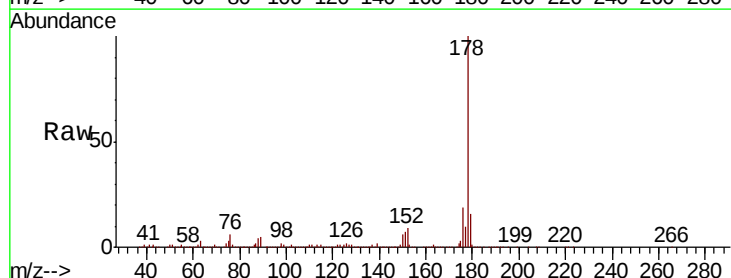
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion:178 Resp: 618885
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.4 12.7 19.1



#72
Anthracene
Concen: 40.979 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:178 Resp: 634840
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 16.2 13.0 19.4

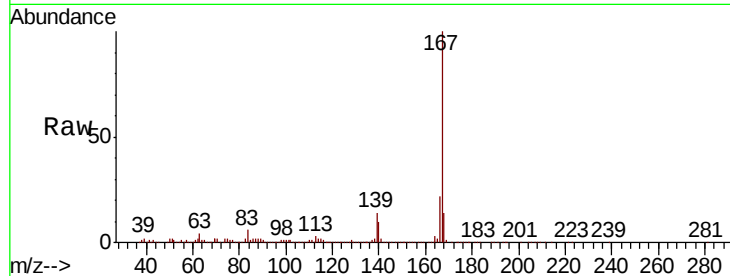




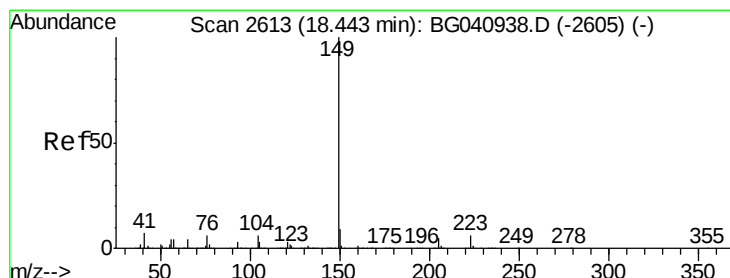
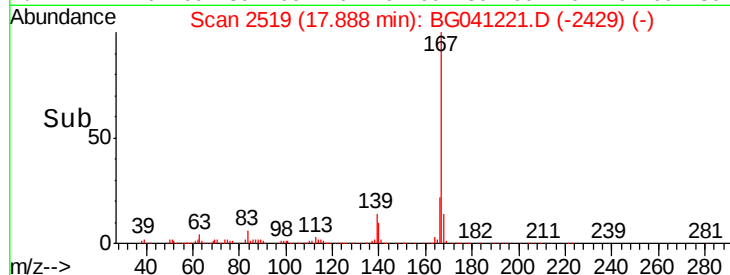
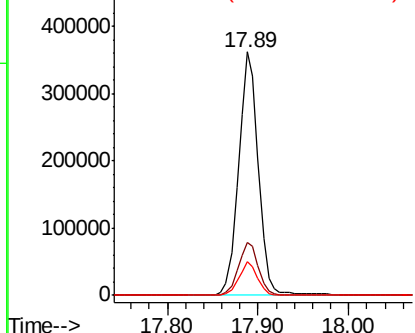
#73
 Carbazole
 Concen: 41.402 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	13.7	10.8	16.2

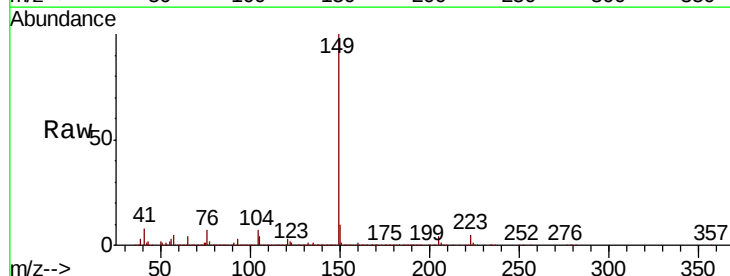


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

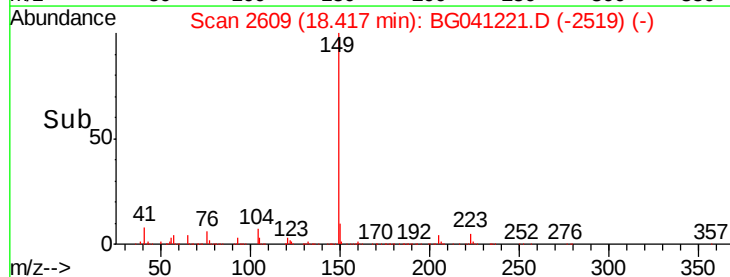
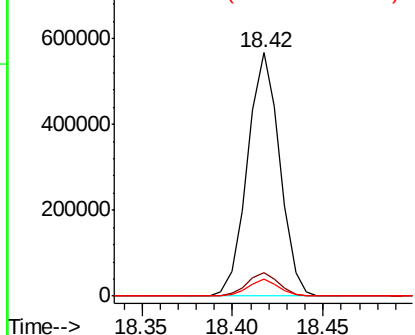


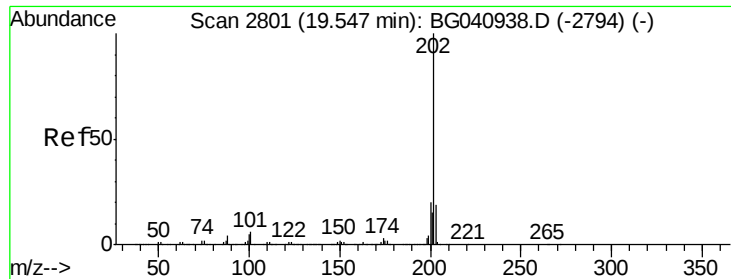
#74
 Di-n-butylphthalate
 Concen: 42.394 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	7.1	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.893 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

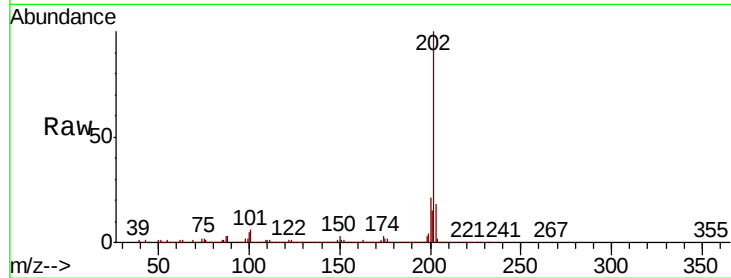
Tgt Ion:202 Resp: 793368

Ion Ratio Lower Upper

202 100

101 5.8 0.0 26.2

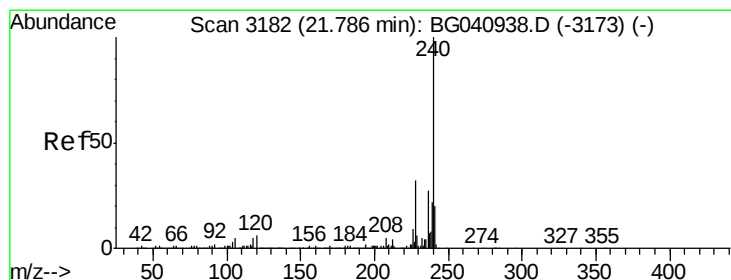
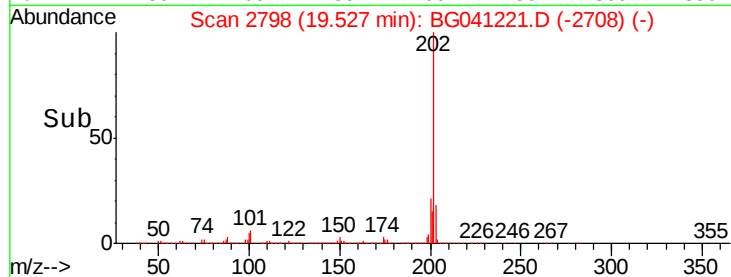
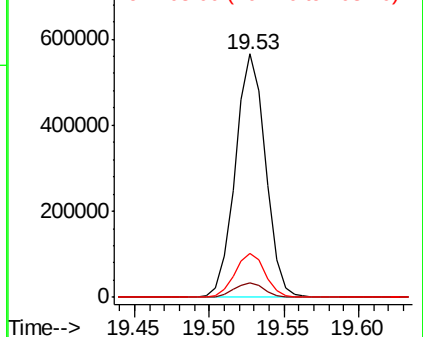
203 18.2 0.0 38.7



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: BG041221.D

Acq: 13 Jun 2019 00:34

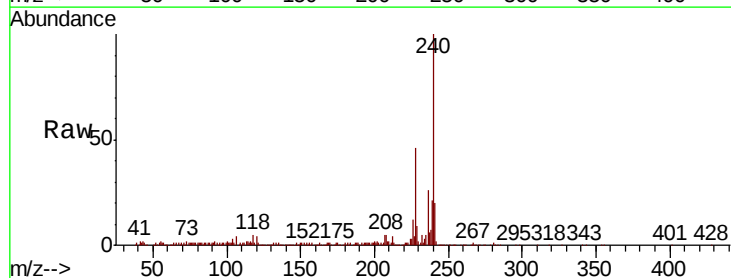
Tgt Ion:240 Resp: 301118

Ion Ratio Lower Upper

240 100

120 4.4 4.5 6.7#

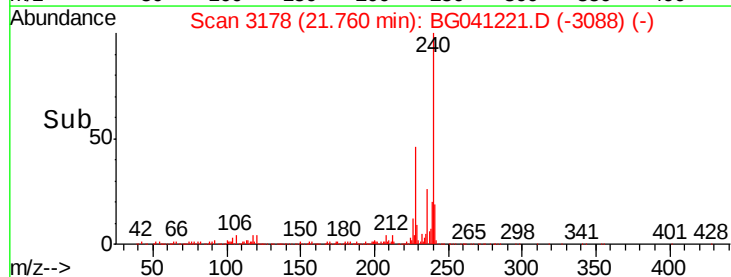
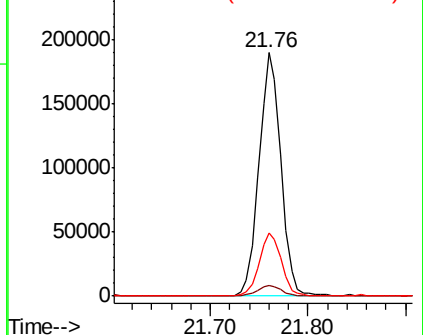
236 26.1 21.3 31.9

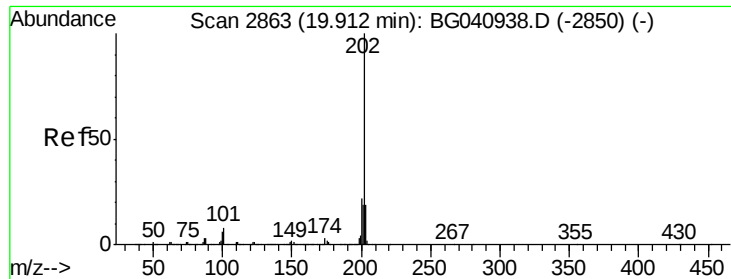


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

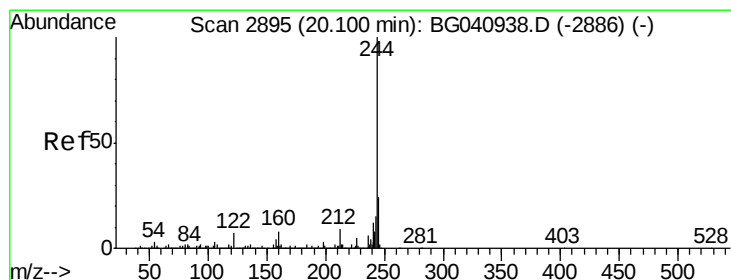
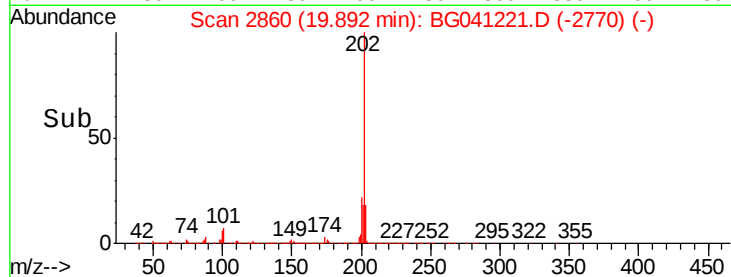
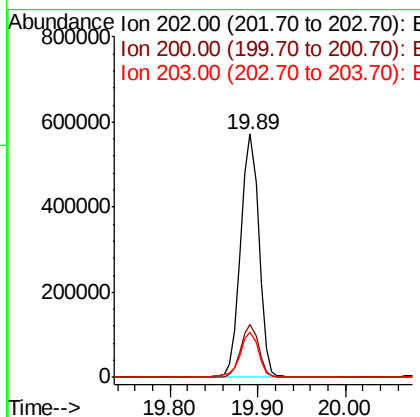
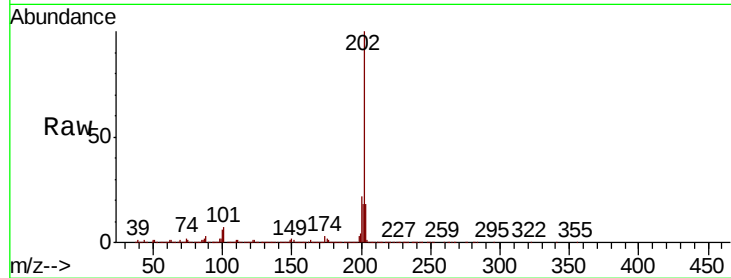




#78
 Pyrene
 Concen: 40.673 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

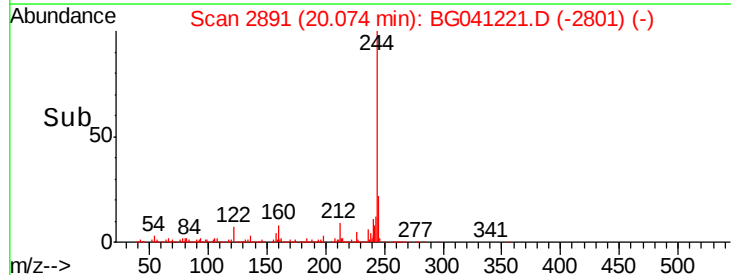
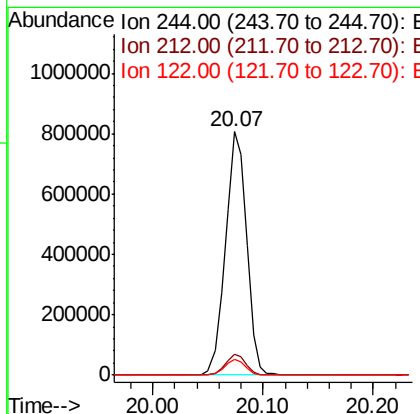
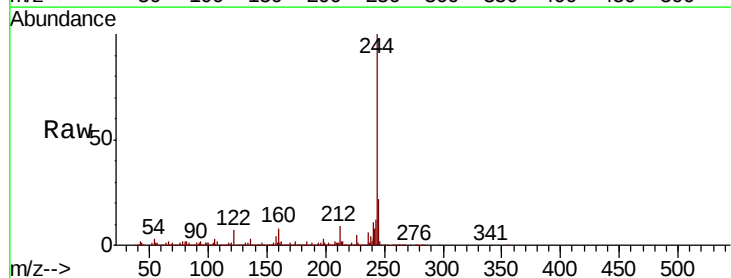
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

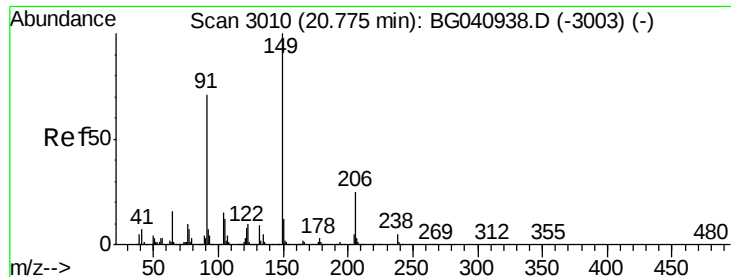
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	18.4	15.6	23.4



#79
 Terphenyl-d14
 Concen: 76.158 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	6.6	5.4	8.0





#80

Butylbenzylphthalate

Concen: 39.403 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

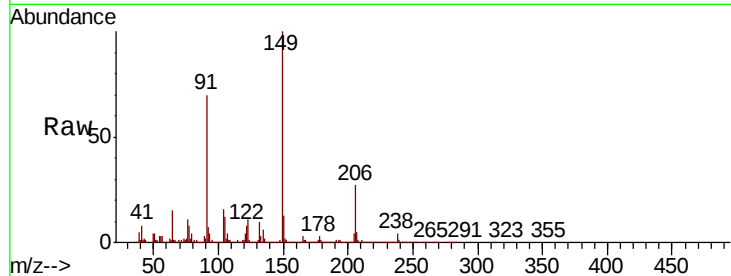
Tgt Ion:149 Resp: 300160

Ion Ratio Lower Upper

149 100

91 69.7 56.5 84.7

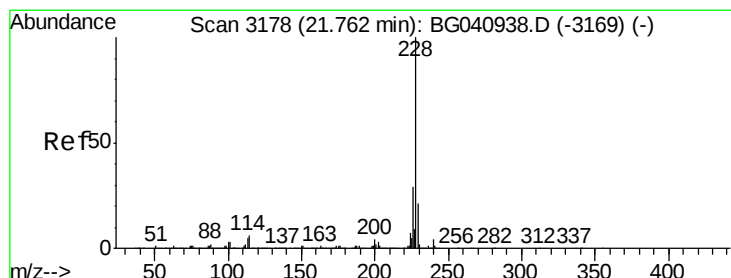
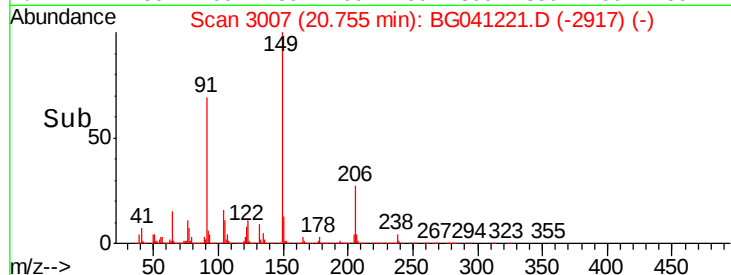
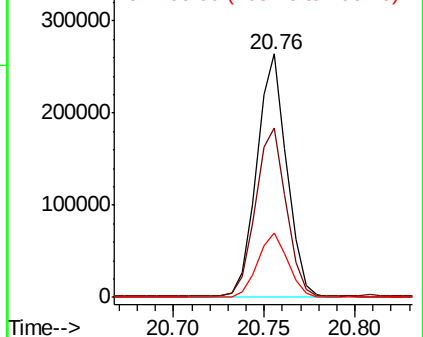
206 26.7 20.3 30.5



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: 38.692 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

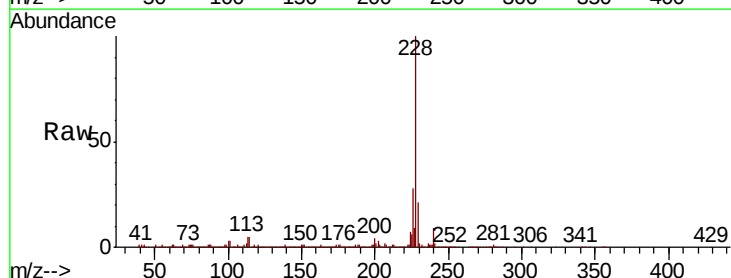
Tgt Ion:228 Resp: 775544

Ion Ratio Lower Upper

228 100

226 27.9 23.5 35.3

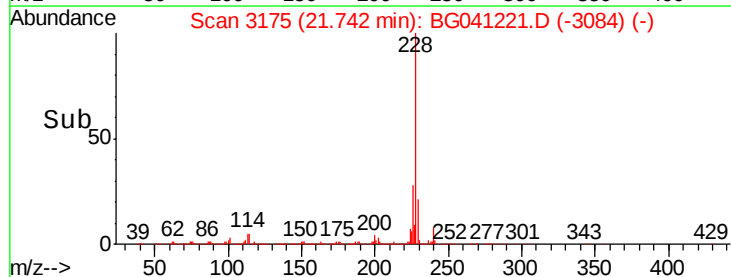
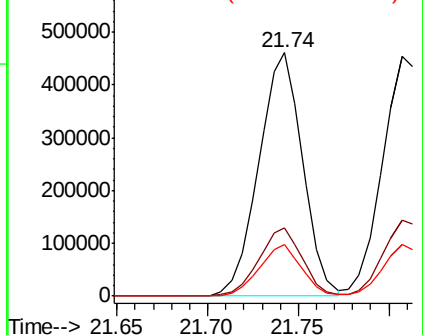
229 21.3 16.7 25.1

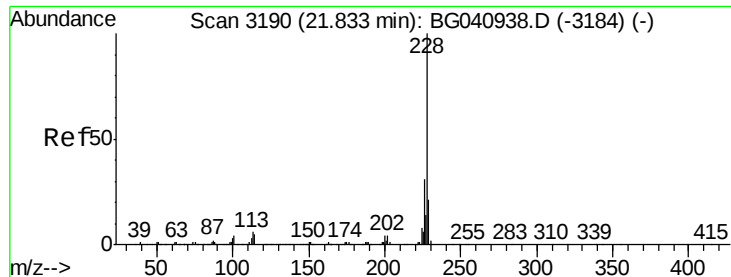


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 39.935 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

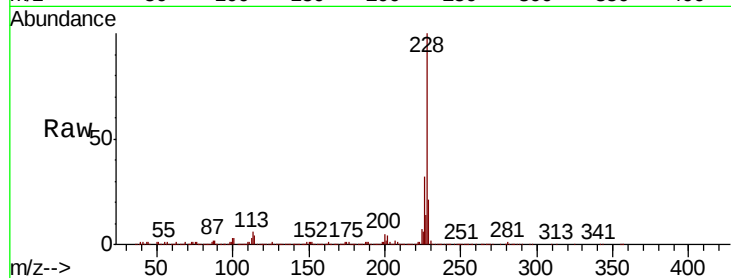
Tgt Ion:228 Resp: 766021

Ion Ratio Lower Upper

228 100

226 31.7 24.6 37.0

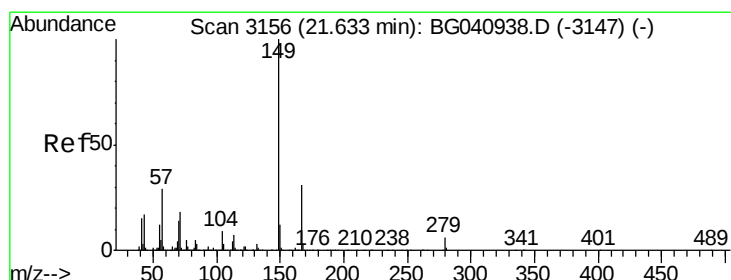
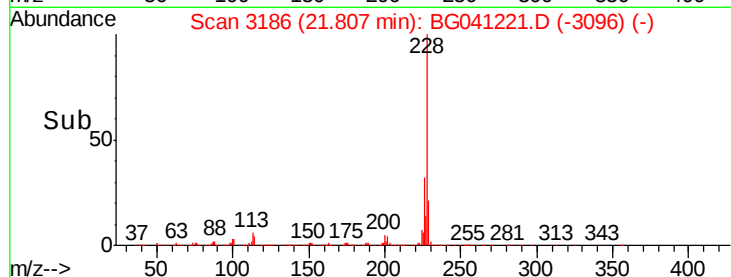
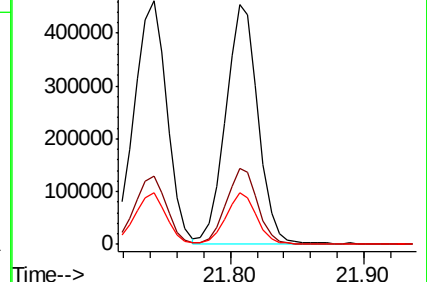
229 21.3 16.6 24.8



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: 38.710 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

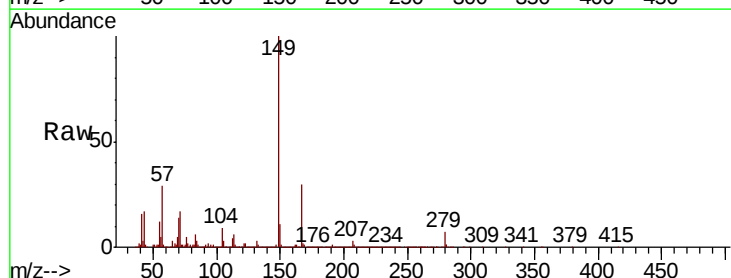
Tgt Ion:149 Resp: 415100

Ion Ratio Lower Upper

149 100

167 30.0 24.6 37.0

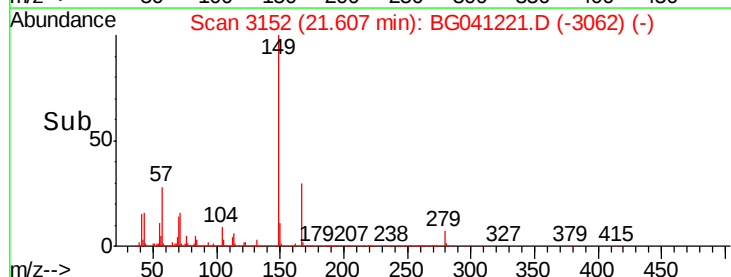
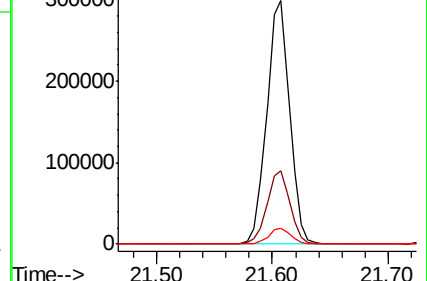
279 6.5 5.0 7.6

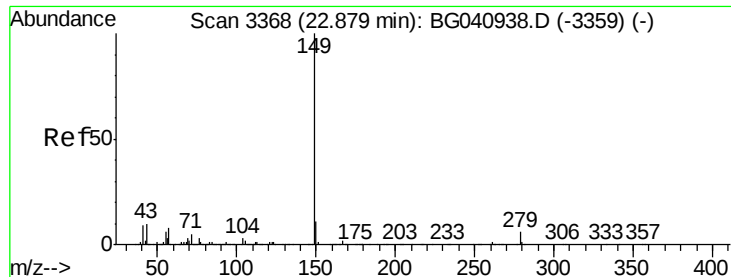


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.534 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

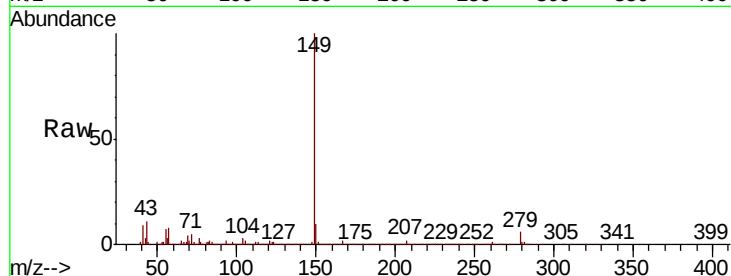
Tgt Ion:149 Resp: 706044

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

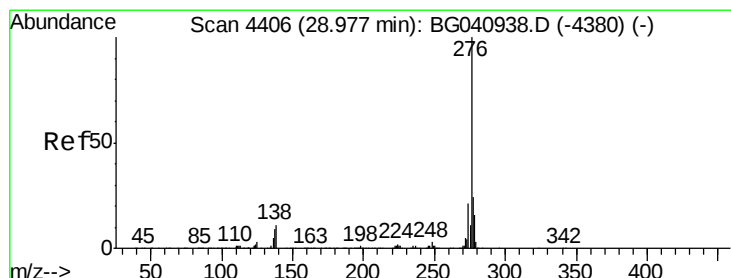
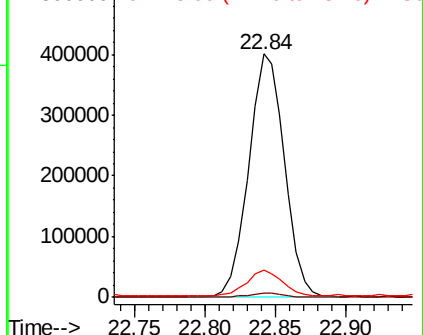
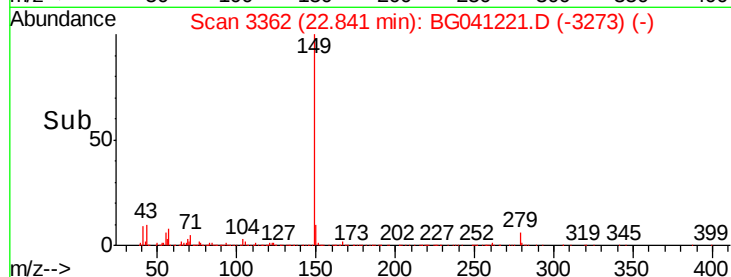
43 10.4 8.1 12.1



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: 33.857 ng

RT: 28.90 min Scan# 4394

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

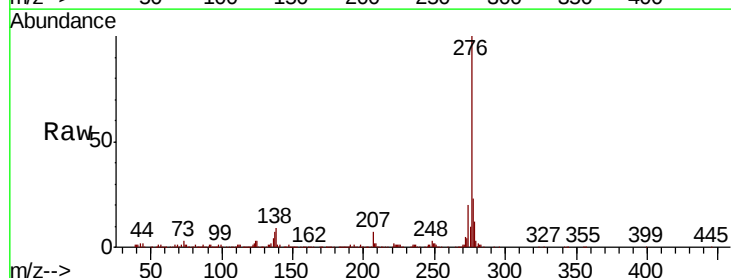
Tgt Ion:276 Resp: 795529

Ion Ratio Lower Upper

276 100

138 3.4 5.7 8.5#

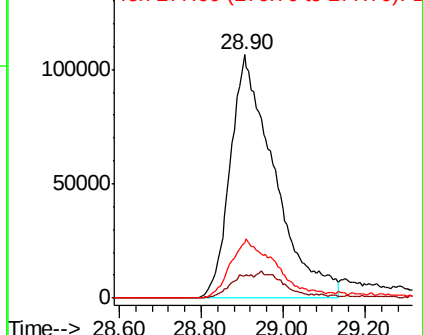
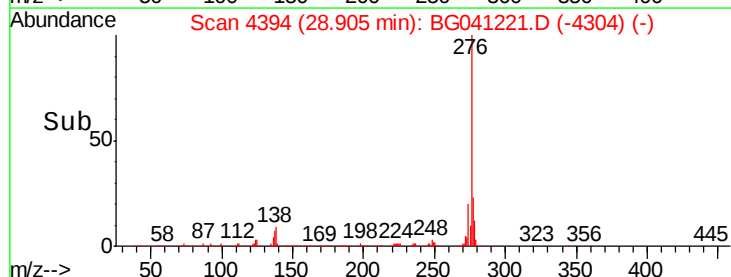
277 25.0 20.8 31.2

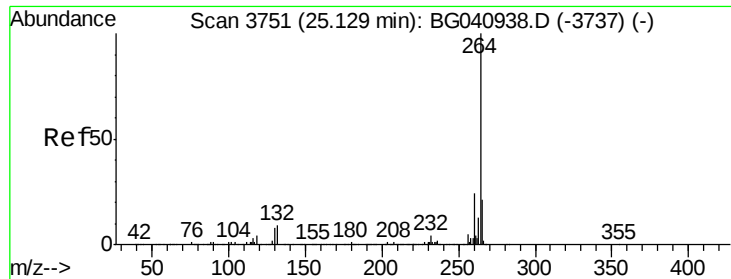


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

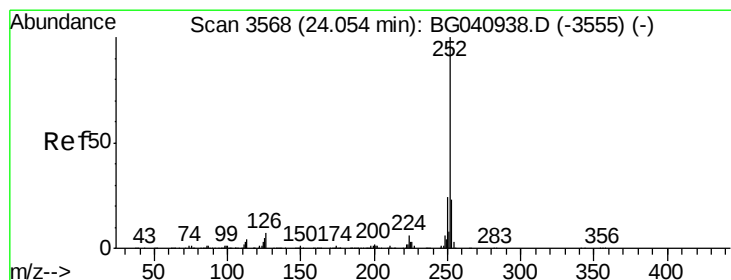
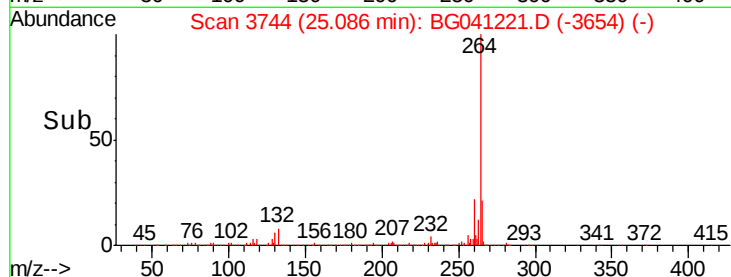
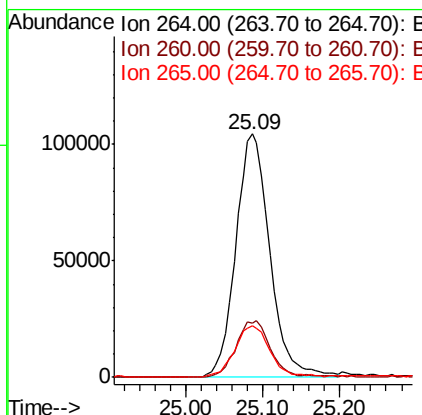
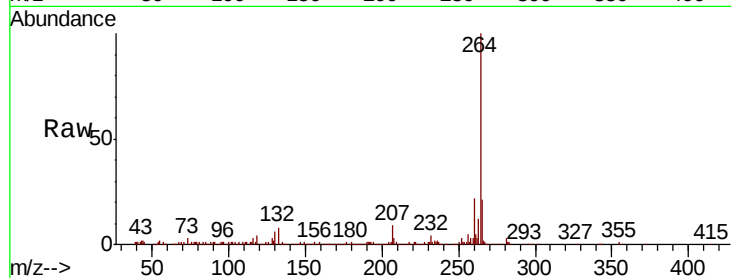




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

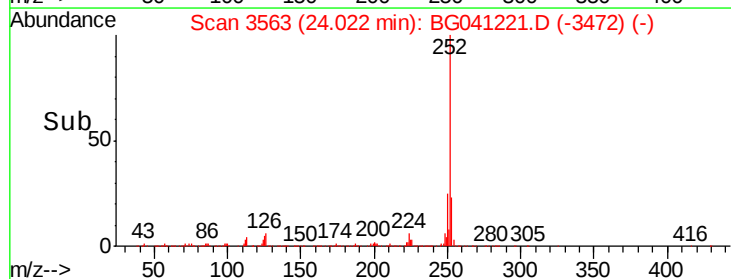
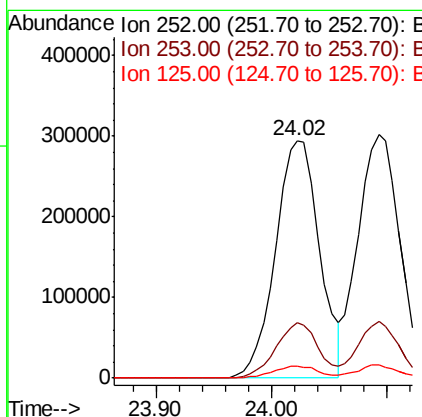
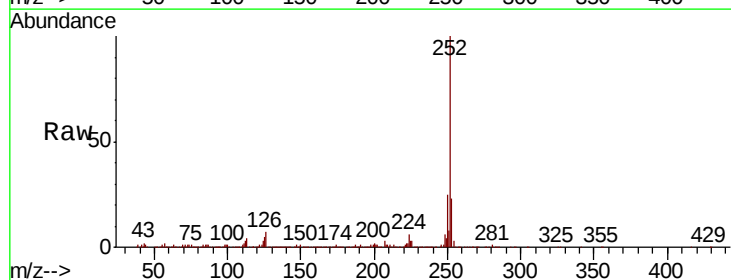
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

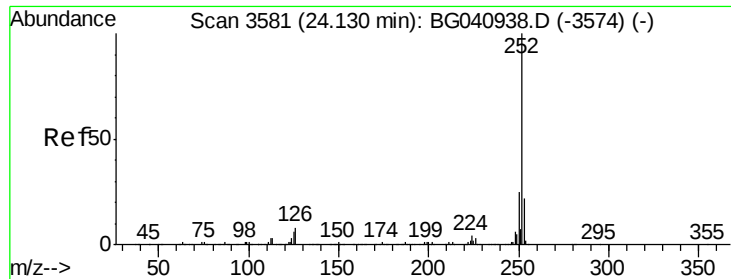
Tgt Ion:	264	Resp:	323115
Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.4
265	21.4	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 39.788 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	252	Resp:	779765
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	5.3	4.3	6.5

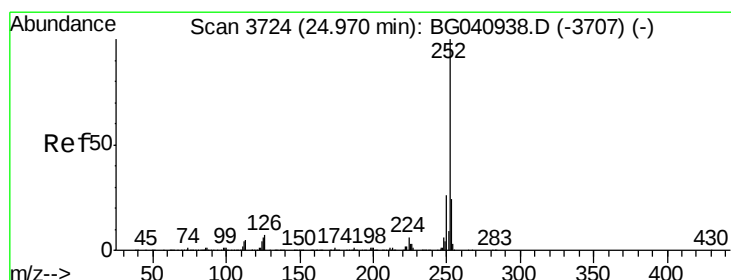
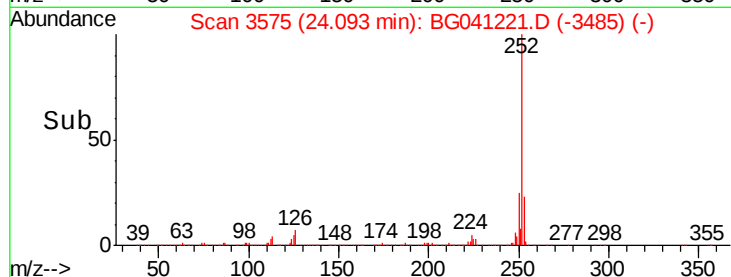
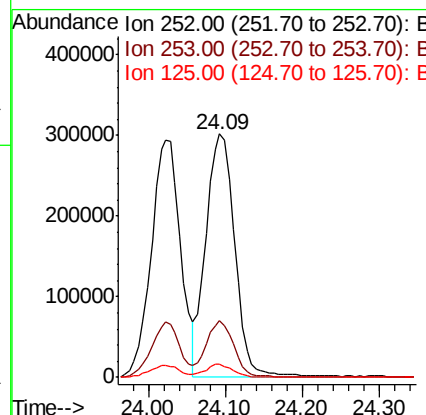
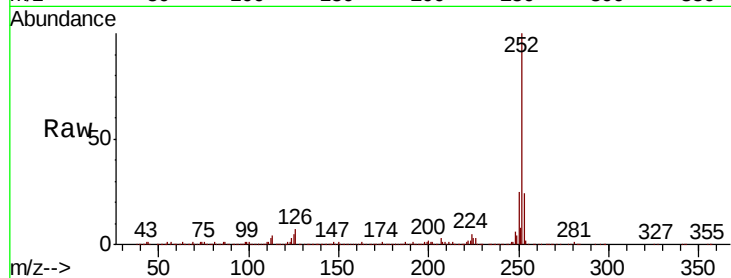




#89
Benzo(k)fluoranthene
Concen: 40.005 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

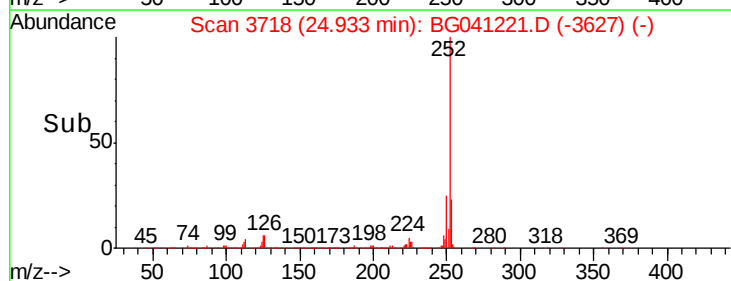
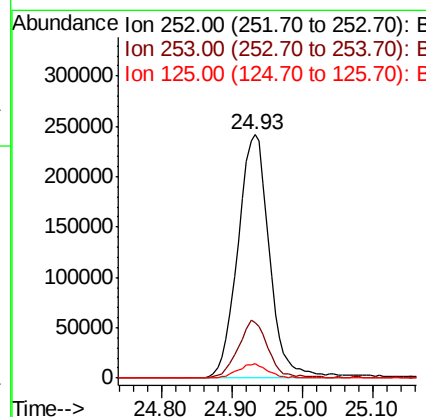
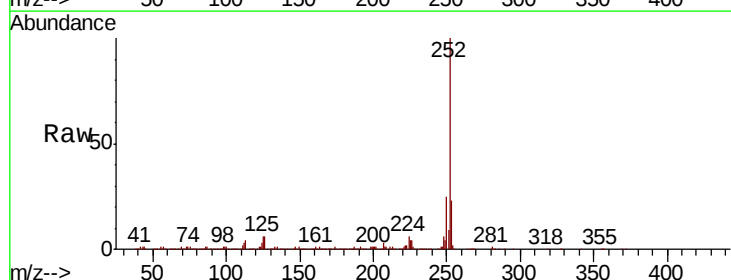
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

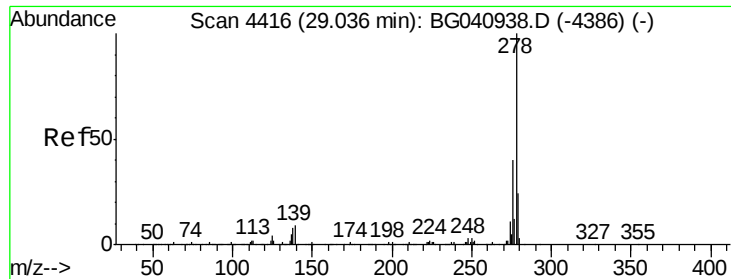
Tgt Ion:252 Resp: 775833
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 5.4 4.7 7.1



#90
Benzo(a)pyrene
Concen: 40.062 ng
RT: 24.93 min Scan# 3718
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:252 Resp: 749074
Ion Ratio Lower Upper
252 100
253 23.0 19.5 29.3
125 5.7 5.1 7.7

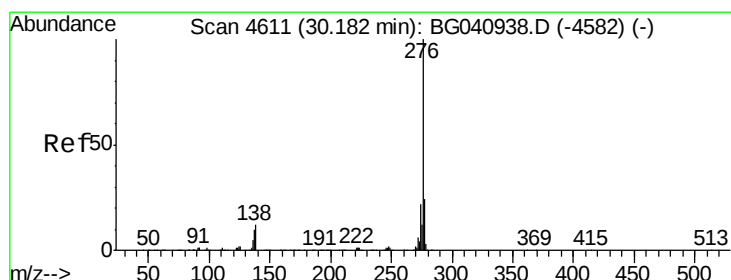
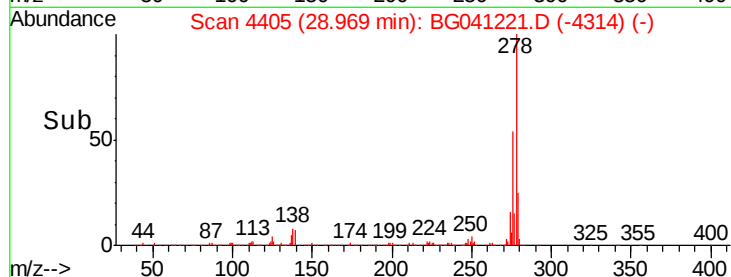
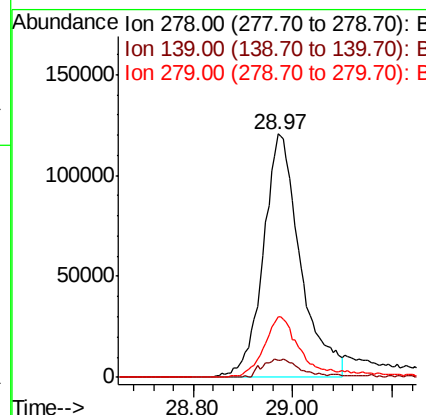
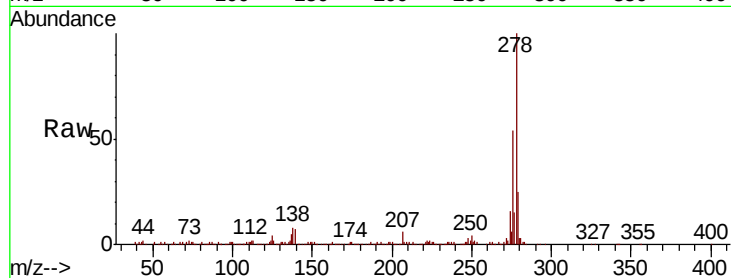




#91
Dibenzo(a,h)anthracene
Concen: 33.404 ng
RT: 28.97 min Scan# 4405
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tgt Ion:278 Resp: 624087
Ion Ratio Lower Upper
278 100
139 7.1 7.1 10.7#
279 24.9 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 34.244 ng
RT: 30.10 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:276 Resp: 621563
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 10.5 9.7 14.5

