

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022199.D
 Acq On : 7 Jun 2016 11:20
 Operator : UM/SJ
 Sample : H3424-02MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Quant Time: Jun 07 15:19:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29593	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	144022	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	87563	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	204348	20.00	ng	0.00
75) Chrysene-d12	21.77	240	192207	20.00	ng	0.00
86) Perylene-d12	25.06	264	182838	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	218771	142.93	ng	0.00
7) Phenol-d6	7.28	99	322420	133.98	ng	0.00
23) Nitrobenzene-d5	9.29	82	168628	81.63	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	121515	122.81	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	451992	78.66	ng	0.00
78) Terphenyl-d14	20.08	244	626099	77.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	22381	30.50	ng	# 77
3) Pyridine	3.92	79	63489	32.01	ng	98
4) n-Nitrosodimethylamine	3.84	42	17054	38.46	ng	98
6) Aniline	7.44	93	74060	24.22	ng	# 81
8) 2-Chlorophenol	7.68	128	90533	42.79	ng	# 80
9) Benzaldehyde	7.26	77	4234	3.20	ng	# 74
10) Phenol	7.31	94	111630	44.99	ng	80
11) bis(2-Chloroethyl)ether	7.53	93	77104	38.98	ng	# 73
12) 1,3-Dichlorobenzene	8.00	146	86962	38.35	ng	# 88
13) 1,4-Dichlorobenzene	8.15	146	88292	39.08	ng	92
14) 1,2-Dichlorobenzene	8.47	146	86617	38.03	ng	94
15) Benzyl Alcohol	8.36	79	59257	38.11	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	77195	37.61	ng	83
17) 2-Methylphenol	8.56	107	76693	41.42	ng	# 86
18) Hexachloroethane	9.20	117	30978	37.55	ng	# 77
19) n-Nitroso-di-n-propylamine	8.92	70	58846	36.12	ng	# 70
20) 3+4-Methylphenols	8.89	107	107368	40.43	ng	96
22) Acetophenone	8.94	105	122148	39.36	ng	# 79
24) Nitrobenzene	9.33	77	84062	40.47	ng	# 79
25) Isophorone	9.85	82	178596	36.95	ng	# 91
26) 2-Nitrophenol	10.05	139	46255	41.06	ng	# 70
27) 2,4-Dimethylphenol	10.10	122	86441	42.40	ng	88
28) bis(2-Chloroethoxy)methane	10.33	93	109269	39.46	ng	94
29) 2,4-Dichlorophenol	10.59	162	85429	45.23	ng	95
30) 1,2,4-Trichlorobenzene	10.80	180	86023	40.76	ng	92
31) Naphthalene	10.99	128	282523	39.30	ng	# 95
32) Benzoic acid	10.10	122	86441	89.07	ng	# 10
33) 4-Chloroaniline	11.11	127	58193	19.47	ng	# 86
34) Hexachlorobutadiene	11.26	225	45253	39.94	ng	96
35) Caprolactam	11.87	113	18897	18.24	ng	# 39
36) 4-Chloro-3-methylphenol	12.22	107	93613	41.81	ng	# 84
37) 2-Methylnaphthalene	12.58	142	205966	38.81	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	90195	40.01	ng	98
40) Hexachlorocyclopentadiene	12.92	237	90626	78.93	ng	98

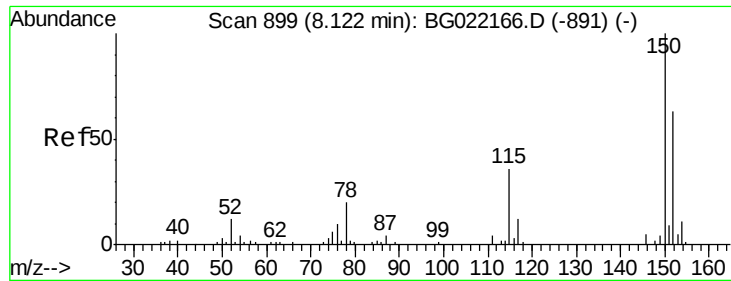
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	66804	44.18	ng	98
43) 2,4,5-Trichlorophenol	13.27	196	71748	42.95	ng #	95
45) 1,1'-Biphenyl	13.58	154	268202	40.70	ng	97
46) 2-Chloronaphthalene	13.63	162	208680	41.31	ng	96
47) 2-Nitroaniline	13.83	65	47920	39.78	ng #	51
48) Acenaphthylene	14.47	152	354976	40.05	ng	97
49) Dimethylphthalate	14.19	163	315499	43.46	ng	99
50) 2,6-Dinitrotoluene	14.32	165	65172	41.29	ng #	75
51) Acenaphthene	14.81	154	210082	39.56	ng	97
52) 3-Nitroaniline	14.66	138	44989	25.70	ng #	81
53) 2,4-Dinitrophenol	14.87	184	21622	39.89	ng #	67
54) Dibenzofuran	15.14	168	330794	39.92	ng	97
55) 4-Nitrophenol	14.98	139	100402	83.11	ng #	71
56) 2,4-Dinitrotoluene	15.11	165	89042	42.06	ng #	79
57) Fluorene	15.79	166	284794	39.89	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	61500	41.05	ng	99
59) Diethylphthalate	15.55	149	301954	38.93	ng	98
60) 4-Chlorophenyl-phenylether	15.78	204	132166	40.88	ng	93
61) 4-Nitroaniline	15.82	138	68401	36.84	ng #	79
62) Azobenzene	16.07	77	239502	40.78	ng	85
64) 4,6-Dinitro-2-methylphenol	15.88	198	35878	36.15	ng #	81
65) n-Nitrosodiphenylamine	16.00	169	243304	41.33	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	76634	40.02	ng	95
67) Hexachlorobenzene	16.79	284	86822	38.90	ng	93
68) Atrazine	16.94	200	84413	38.74	ng	97
69) Pentachlorophenol	17.15	266	75279	74.88	ng	98
70) Phenanthrene	17.53	178	439903	39.63	ng	98
71) Anthracene	17.62	178	444635	40.39	ng	98
72) Carbazole	17.89	167	406440	38.99	ng	99
73) Di-n-butylphthalate	18.43	149	533763	39.16	ng	99
74) Fluoranthene	19.54	202	493623	38.69	ng	97
76) Benzidine	19.72	184	128819	25.63	ng	97
77) Pyrene	19.90	202	491997	41.17	ng	99
79) Butylbenzylphthalate	20.76	149	230106	41.52	ng	92
80) Benzo(a)anthracene	21.75	228	429770	39.87	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	70410	23.27	ng	99
82) Chrysene	21.81	228	410065	39.10	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	332927	40.85	ng	96
84) Di-n-octyl phthalate	22.85	149	556415	41.12	ng #	86
85) Indeno(1,2,3-cd)pyrene	28.83	276	480023	40.80	ng #	95
87) Benzo(b)fluoranthene	24.01	252	429076	40.24	ng	97
88) Benzo(k)fluoranthene	24.08	252	414549	39.49	ng #	96
89) Benzo(a)pyrene	24.90	252	409626	40.17	ng #	96
90) Dibenzo(a,h)anthracene	28.89	278	398387	41.49	ng	96
91) Benzo(g,h,i)perylene	30.03	276	394910	39.53	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

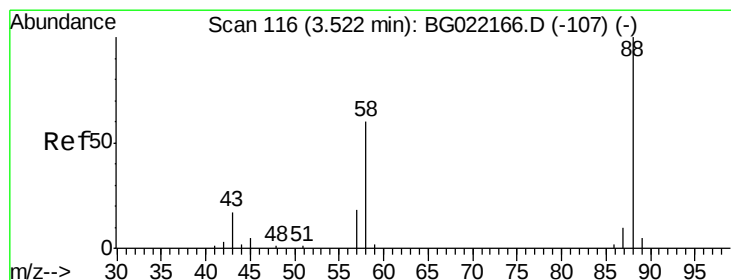
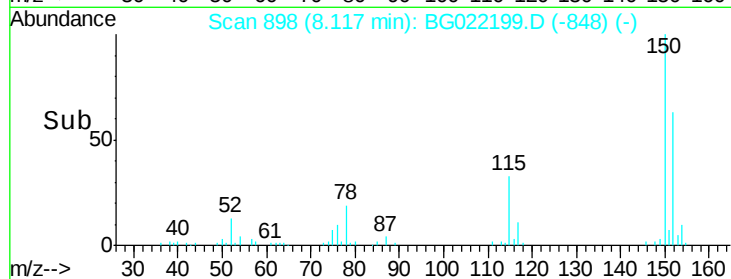
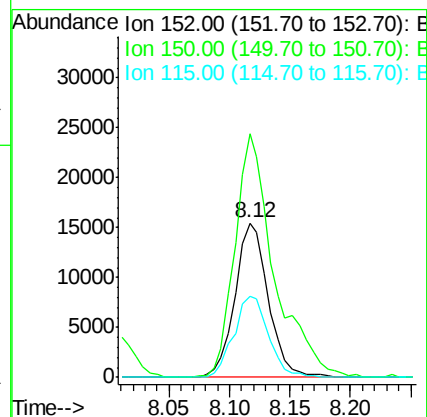
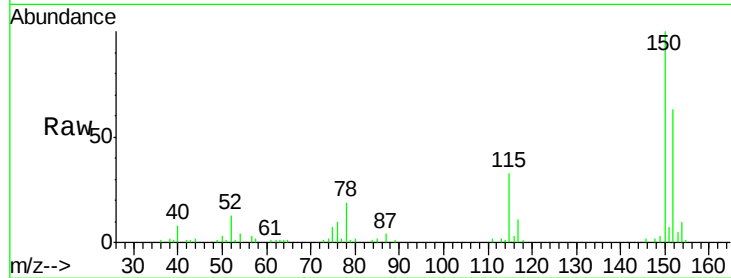
Tgt Ion:152 Resp: 29593

Ion Ratio Lower Upper

152 100

150 157.7 130.1 195.1

115 52.5 62.2 93.2#



#2

1,4-Dioxane

Concen: 30.50 ng

RT: 3.52 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

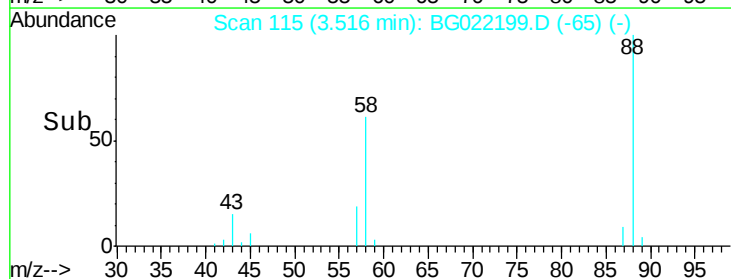
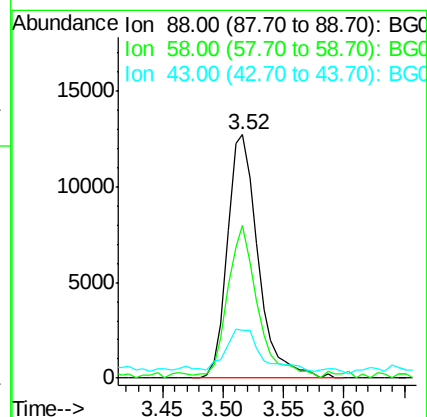
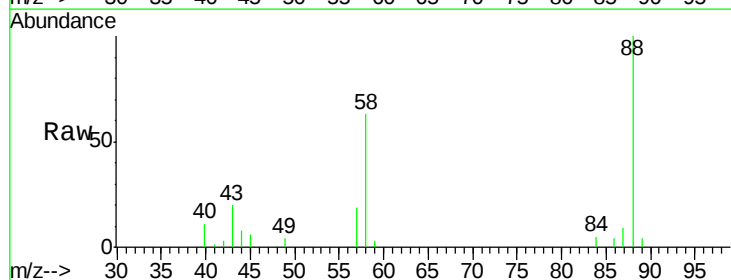
Tgt Ion: 88 Resp: 22381

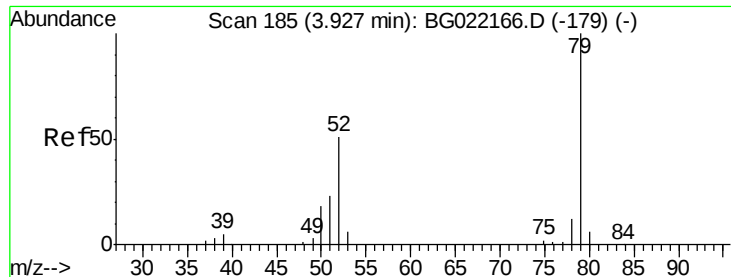
Ion Ratio Lower Upper

88 100

58 62.0 36.8 55.2#

43 20.3 10.4 15.6#





#3

Pyridine

Concen: 32.01 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

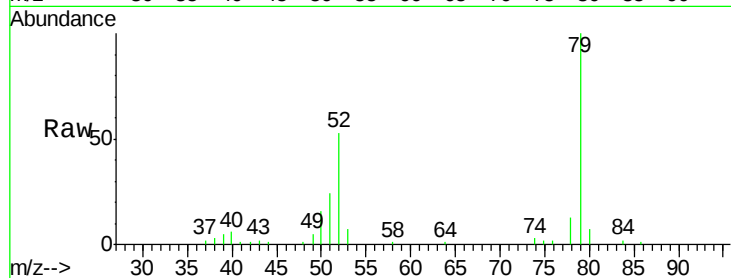
Tgt Ion: 79 Resp: 63489

Ion Ratio Lower Upper

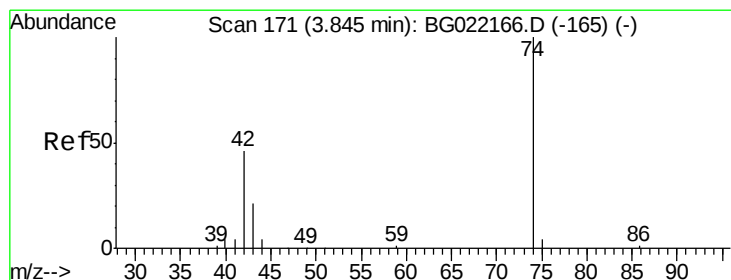
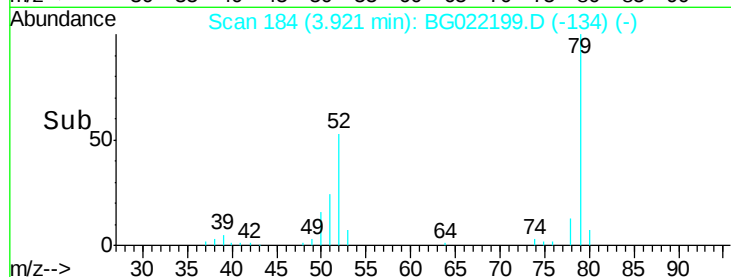
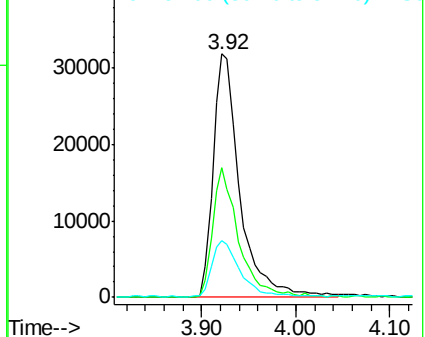
79 100

52 53.3 41.6 62.4

51 23.5 19.2 28.8



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



#4

n-Nitrosodimethylamine

Concen: 38.46 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

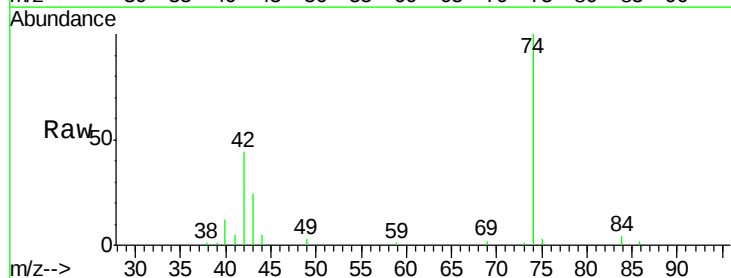
Tgt Ion: 42 Resp: 17054

Ion Ratio Lower Upper

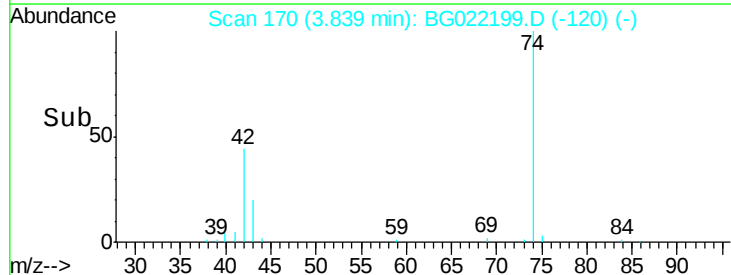
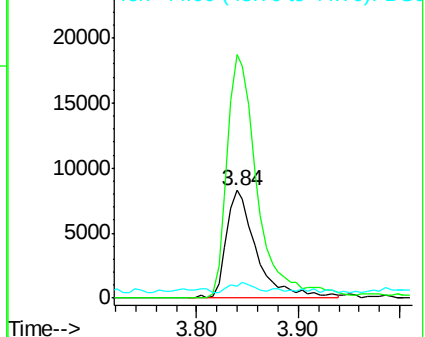
42 100

74 226.3 184.0 276.0

44 11.6 11.0 16.6



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





#5

2-Fluorophenol

Concen: 142.93 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

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ClientSampleId :

CTM-2(7.5-10)MSD

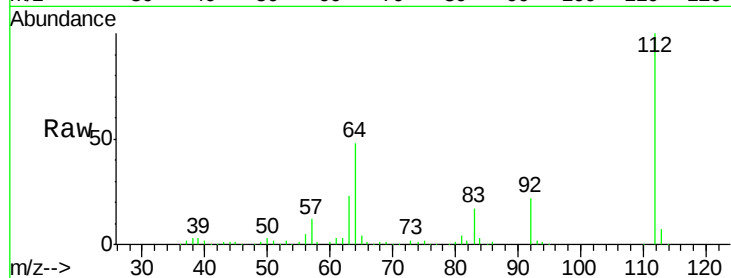
Tgt Ion: 112 Resp: 218771

Ion Ratio Lower Upper

112 100

64 47.8 51.1 76.7#

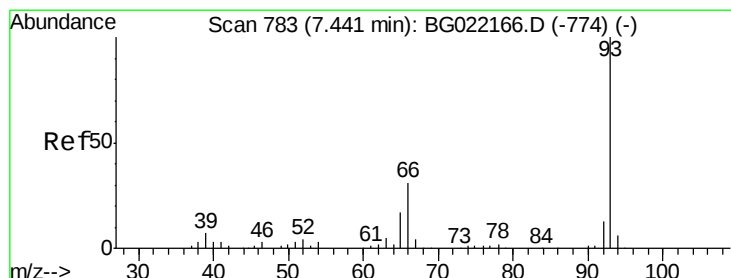
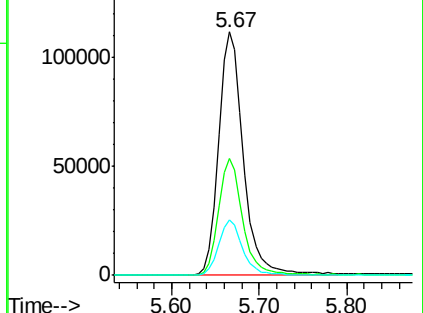
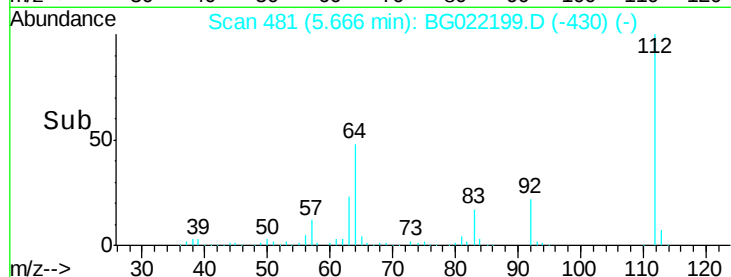
63 22.7 24.6 37.0#



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: 24.22 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

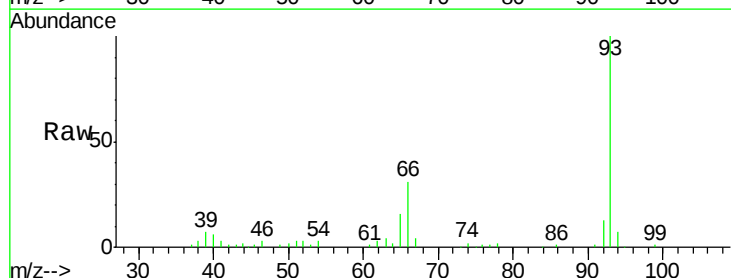
Tgt Ion: 93 Resp: 74060

Ion Ratio Lower Upper

93 100

66 31.4 36.3 54.5#

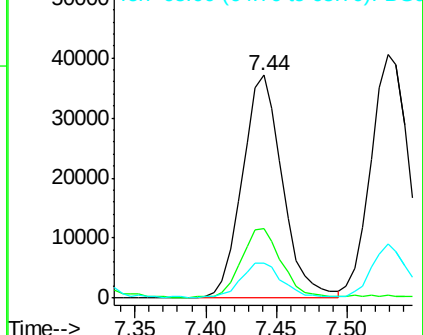
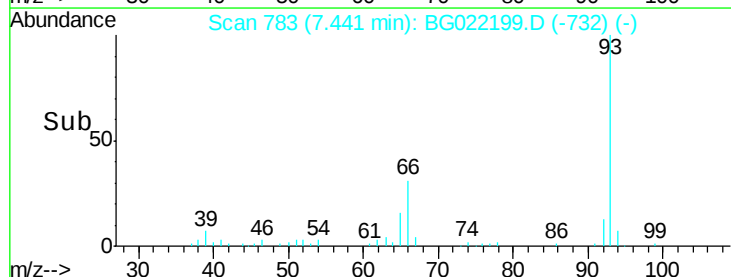
65 16.0 18.4 27.6#

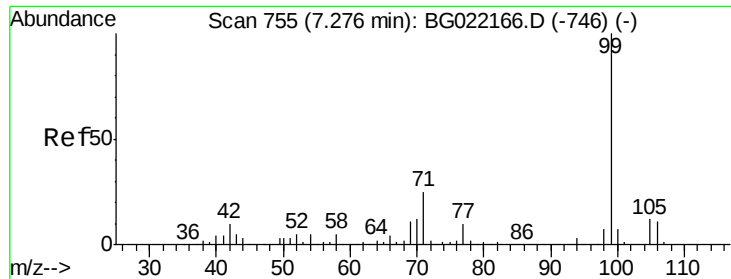


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.98 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022199.D

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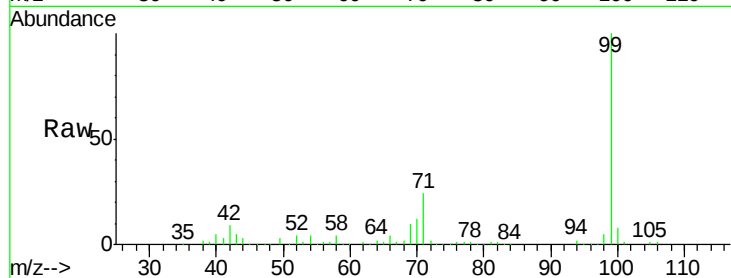
Tgt Ion: 99 Resp: 322420

Ion Ratio Lower Upper

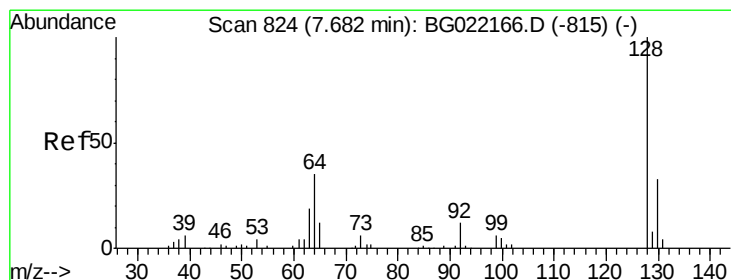
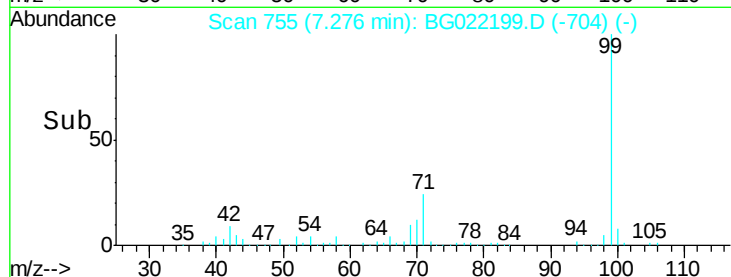
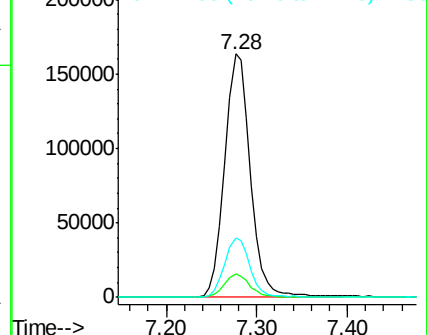
99 100

42 9.4 16.4 24.6#

71 24.3 25.0 37.4#



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: 42.79 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

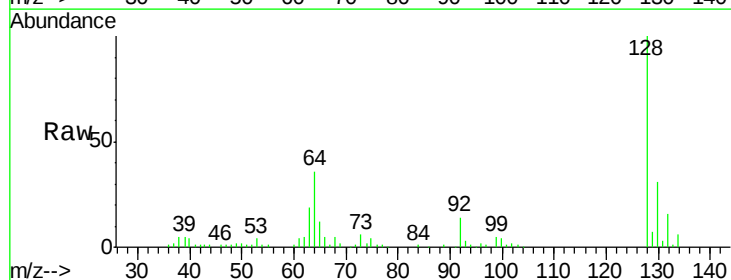
Tgt Ion: 128 Resp: 90533

Ion Ratio Lower Upper

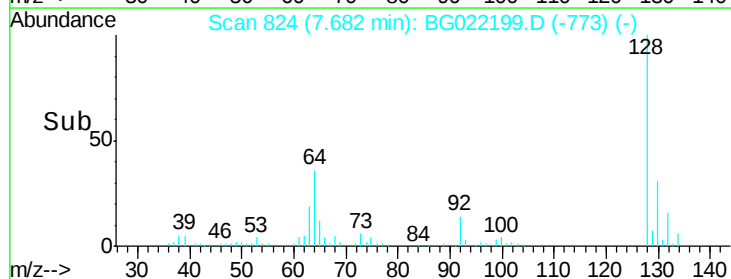
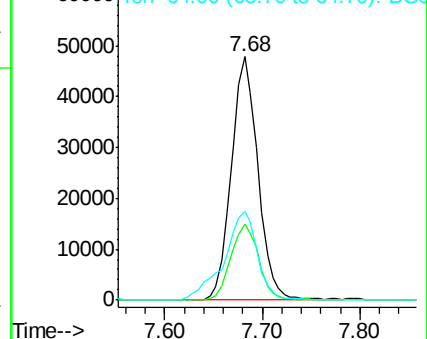
128 100

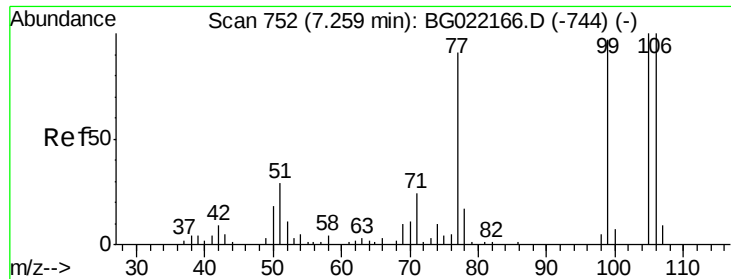
130 31.4 11.2 51.2

64 36.5 39.8 79.8#



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: 3.20 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

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CTM-2(7.5-10)MSD

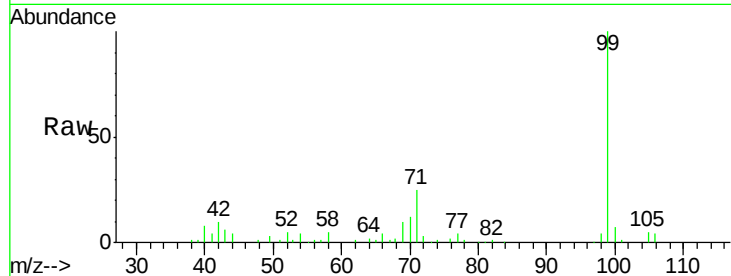
Tgt Ion: 77 Resp: 4234

Ion Ratio Lower Upper

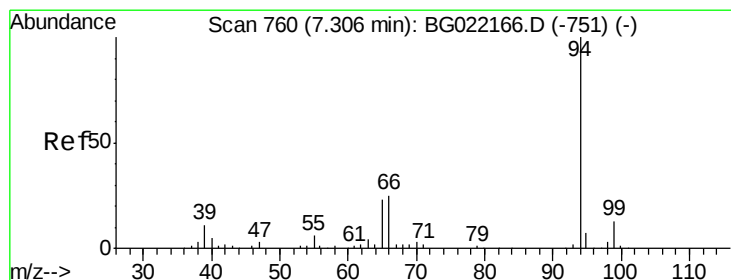
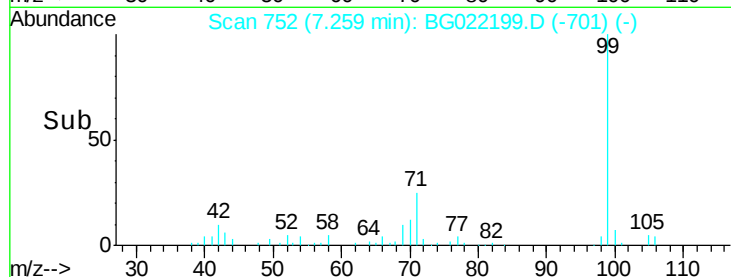
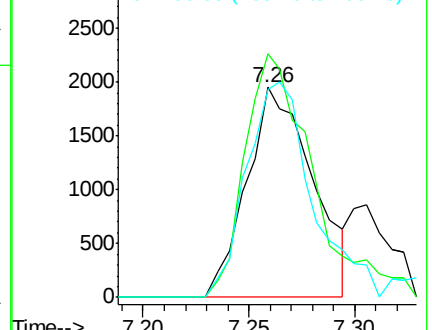
77 100

105 115.9 62.1 102.1#

106 99.1 65.6 105.6



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: 44.99 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

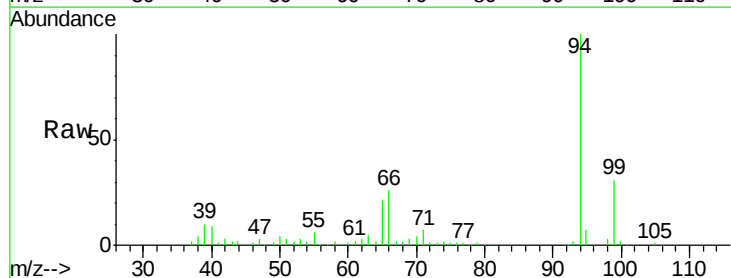
Tgt Ion: 94 Resp: 111630

Ion Ratio Lower Upper

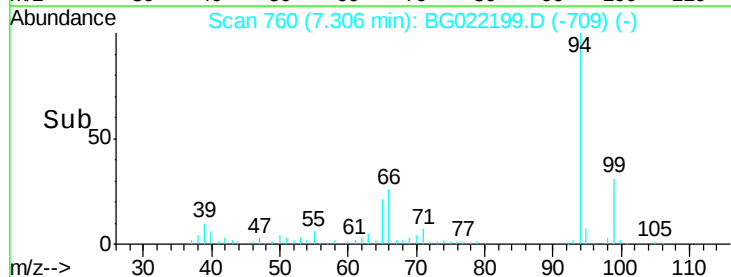
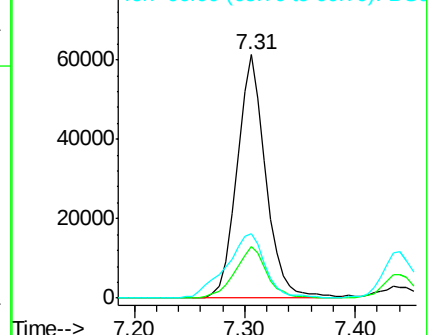
94 100

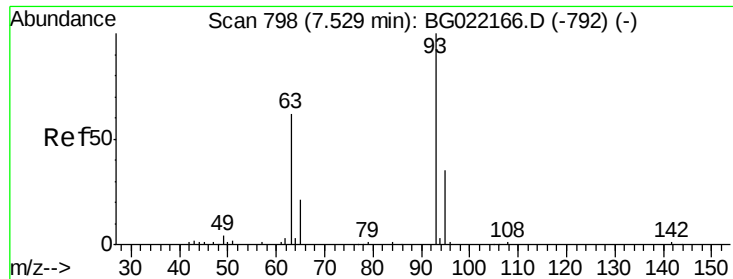
65 21.1 9.8 49.8

66 26.2 20.8 60.8



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

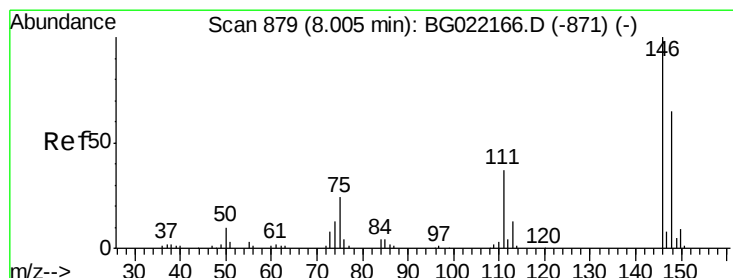
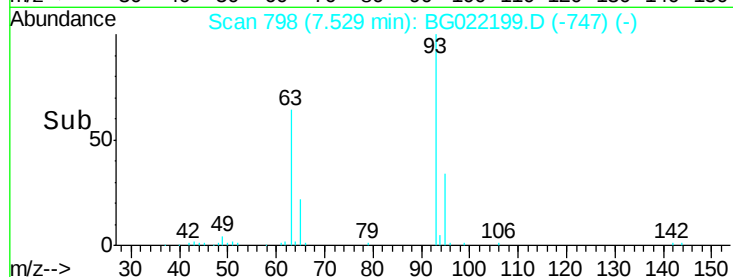
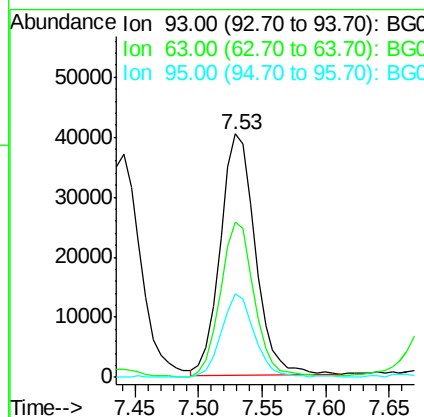
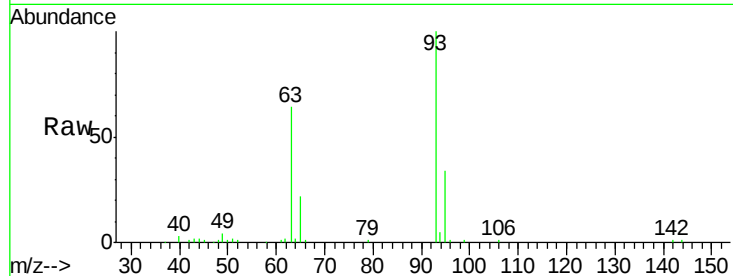




#11
bis(2-Chloroethyl)ether
Concen: 38.98 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

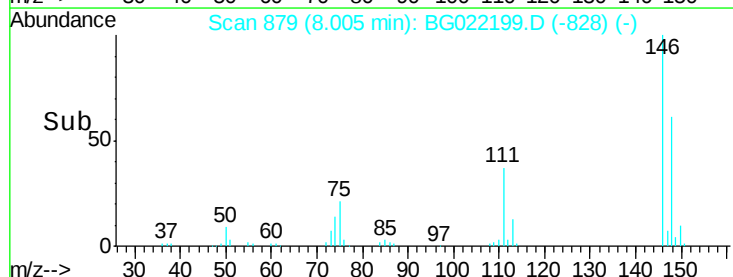
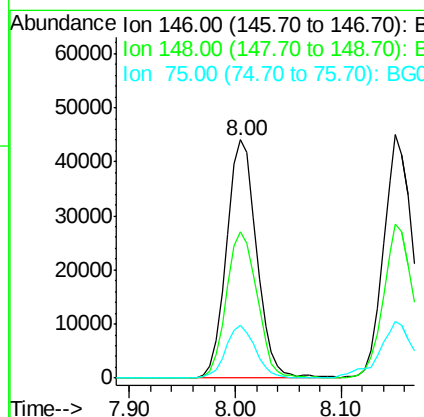
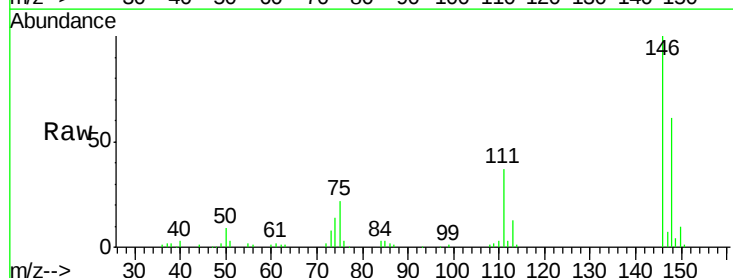
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

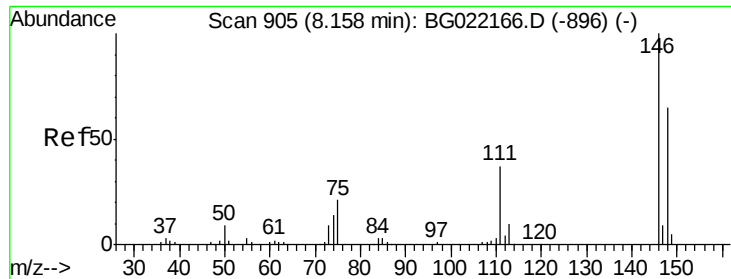
Tgt Ion: 93 Resp: 77104
Ion Ratio Lower Upper
93 100
63 63.6 74.9 114.9#
95 34.2 8.3 48.3



#12
1,3-Dichlorobenzene
Concen: 38.35 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion: 146 Resp: 86962
Ion Ratio Lower Upper
146 100
148 61.3 53.7 80.5
75 22.0 27.4 41.0#

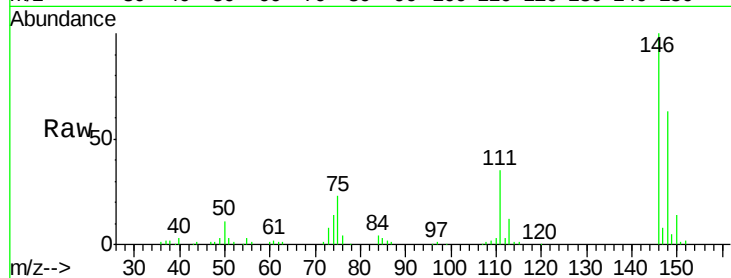




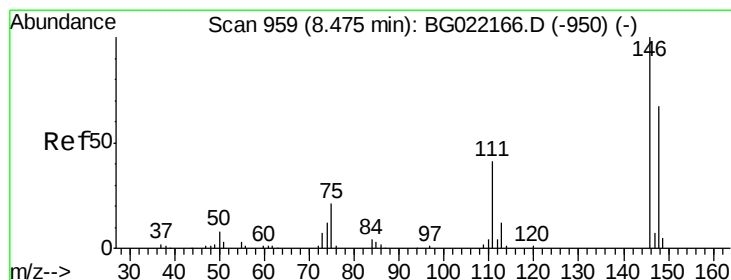
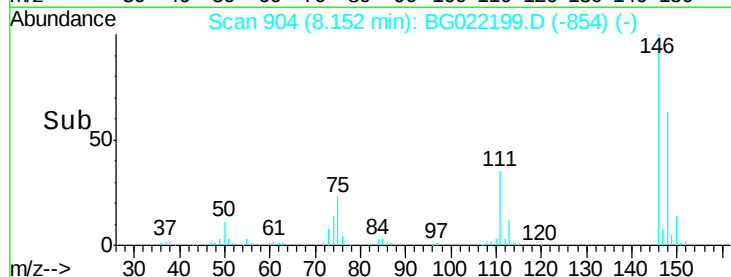
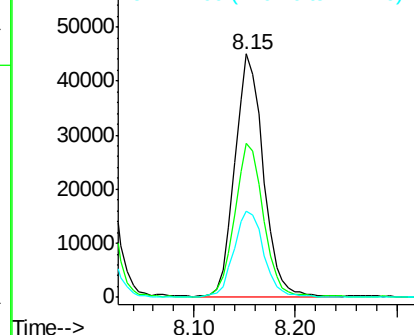
#13
 1,4-Dichlorobenzene
 Concen: 39.08 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Tgt Ion:146 Resp: 88292
 Ion Ratio Lower Upper
 146 100
 148 63.5 46.7 70.1
 111 35.4 33.0 49.6

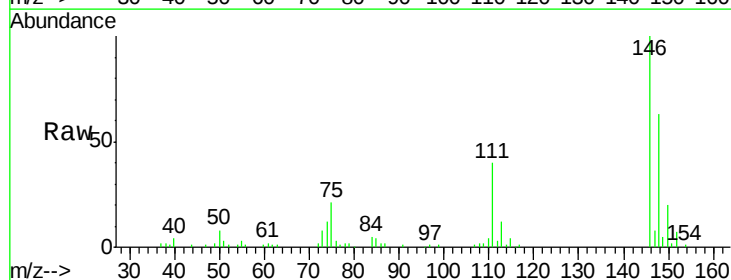


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

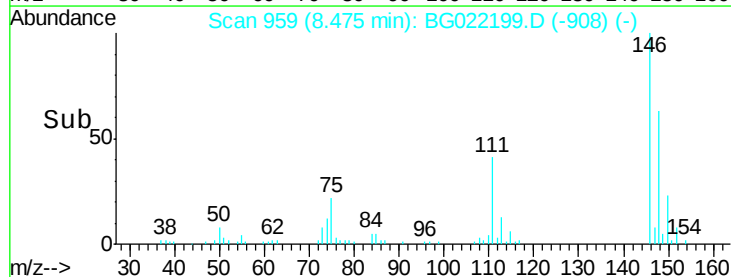
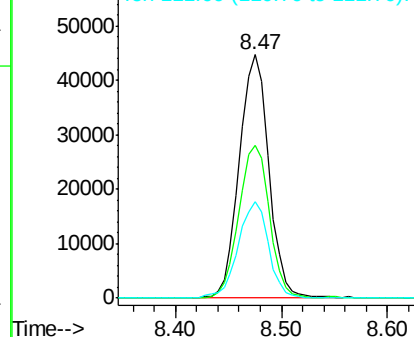


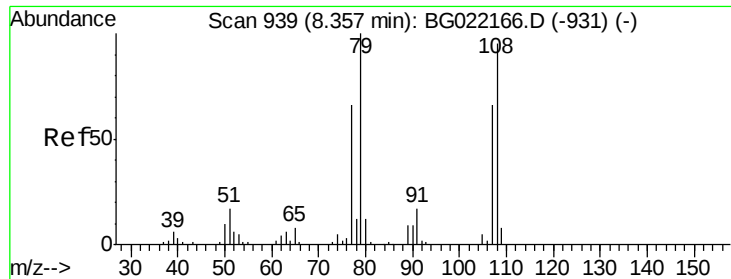
#14
 1,2-Dichlorobenzene
 Concen: 38.03 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:146 Resp: 86617
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.6 79.0
 111 39.6 36.1 54.1



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

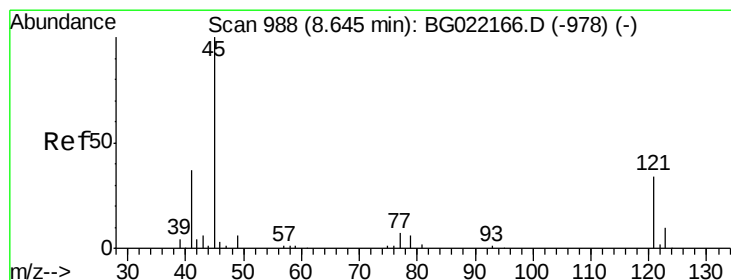
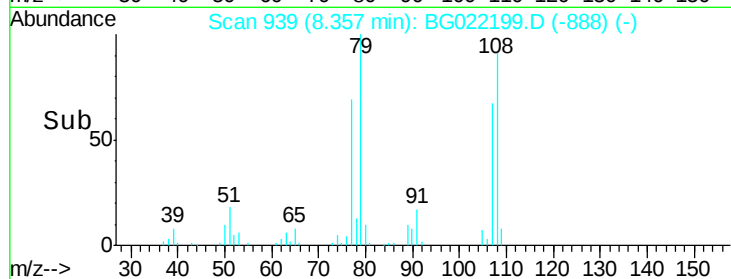
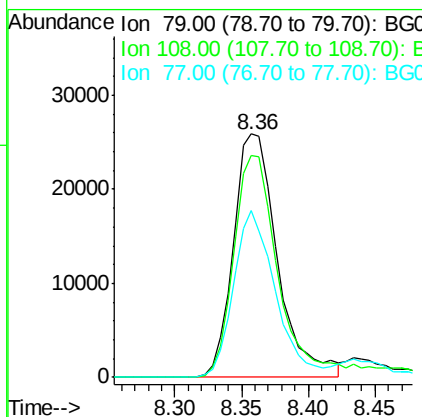
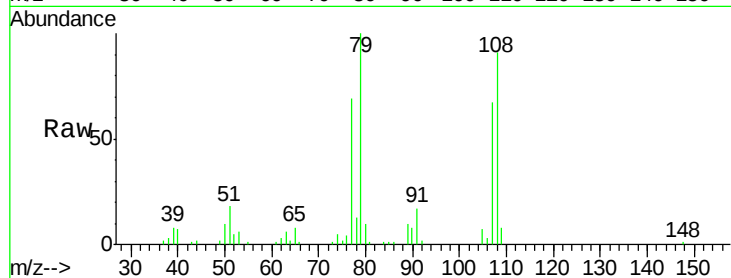




#15
Benzyl Alcohol
Concen: 38.11 ng
RT: 8.36 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

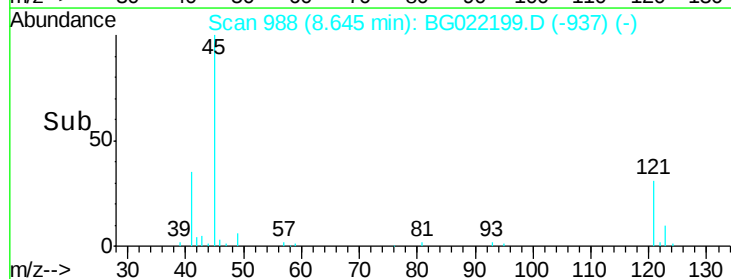
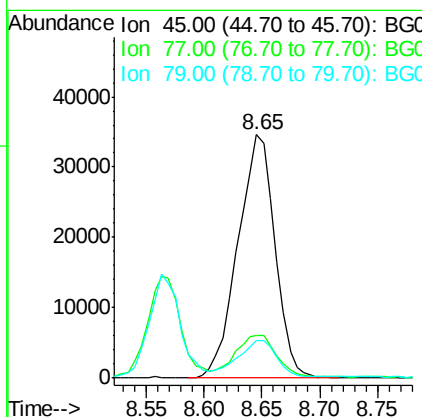
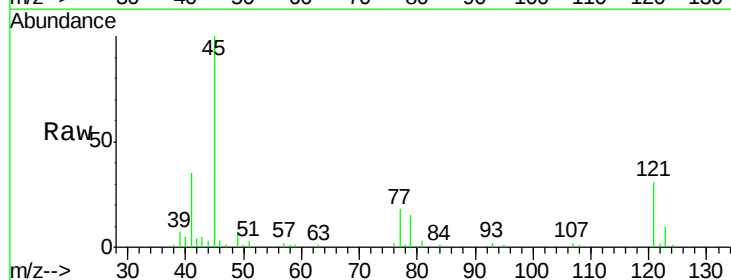
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

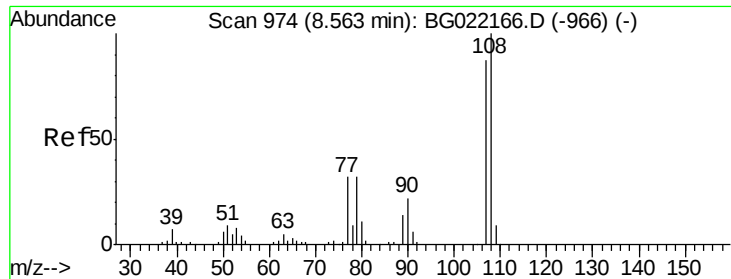
Tgt Ion: 79 Resp: 59257
Ion Ratio Lower Upper
79 100
108 91.2 59.4 89.0#
77 68.8 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.61 ng
RT: 8.65 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion: 45 Resp: 77195
Ion Ratio Lower Upper
45 100
77 17.6 0.0 31.2
79 15.5 0.0 29.0

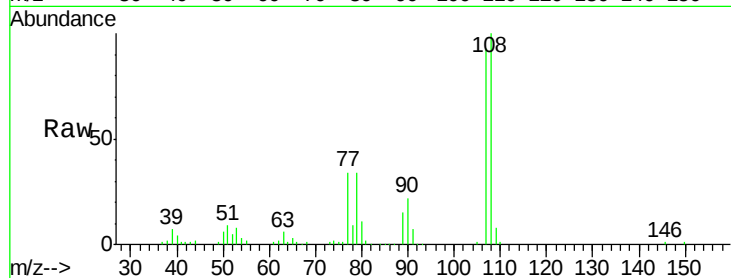




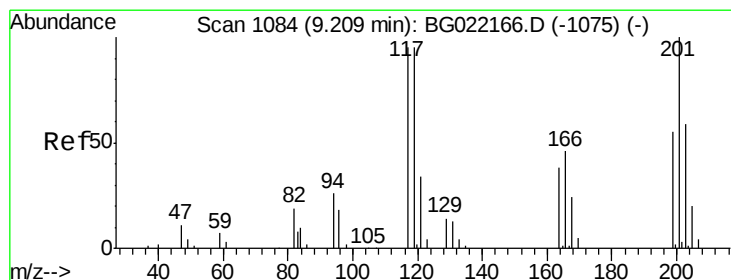
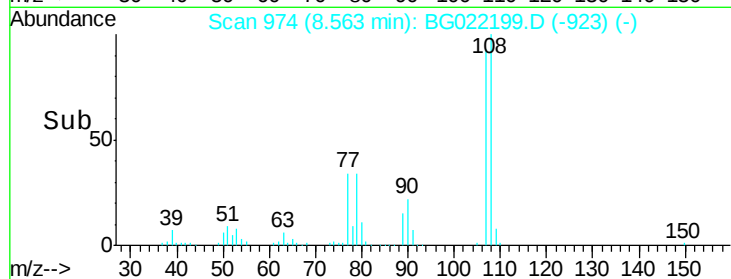
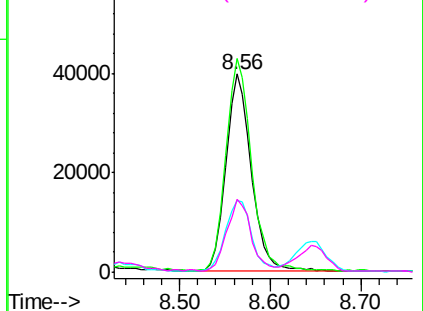
#17
2-Methylphenol
Concen: 41.42 ng
RT: 8.56 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

Tgt Ion:107 Resp: 76693
Ion Ratio Lower Upper
107 100
108 107.8 80.2 120.4
77 36.3 40.7 61.1#
79 37.1 39.8 59.8#

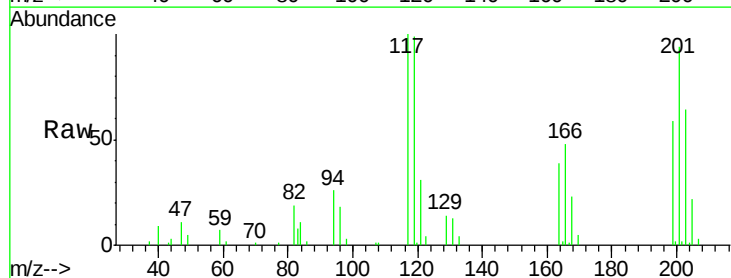


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

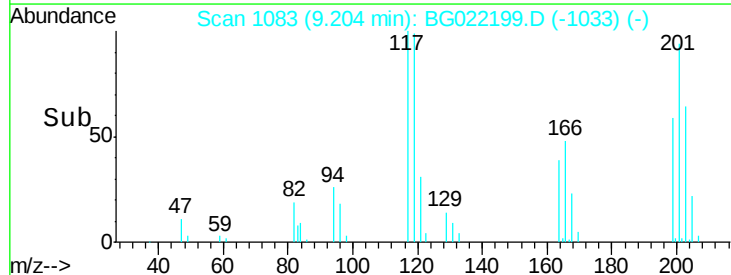
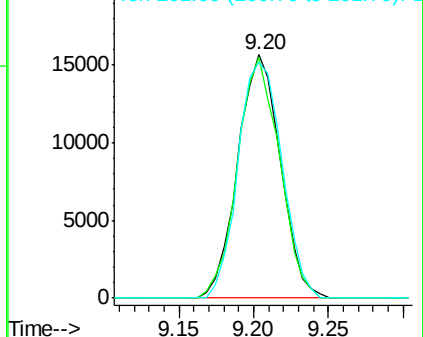


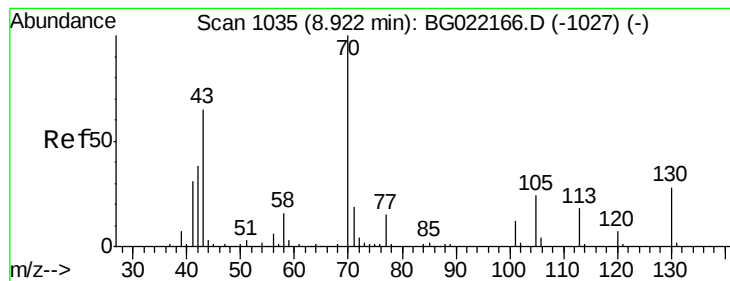
#18
Hexachloroethane
Concen: 37.55 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:117 Resp: 30978
Ion Ratio Lower Upper
117 100
119 98.9 63.9 95.9#
201 96.9 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.12 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

Tgt Ion: 70 Resp: 58846

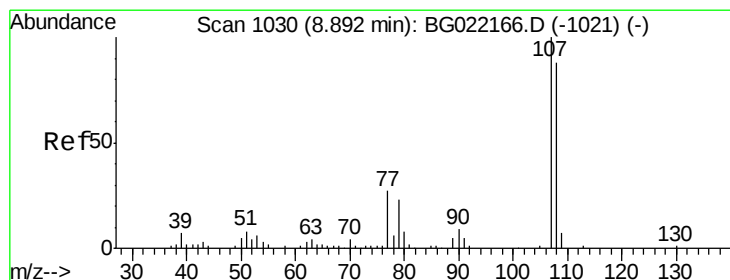
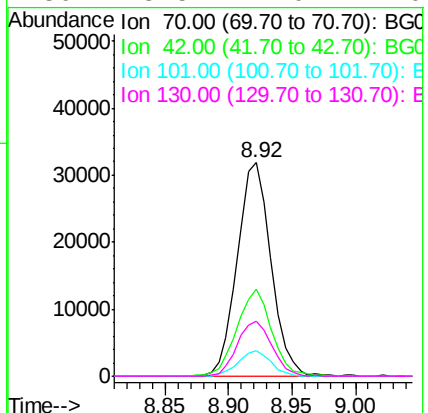
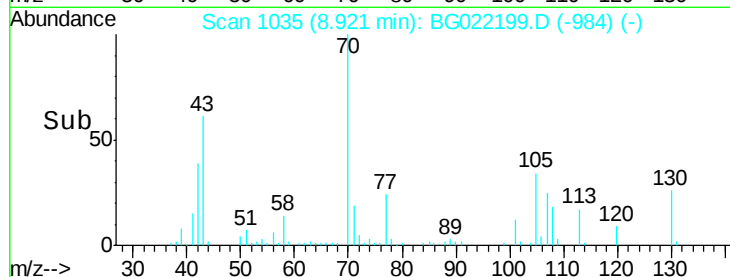
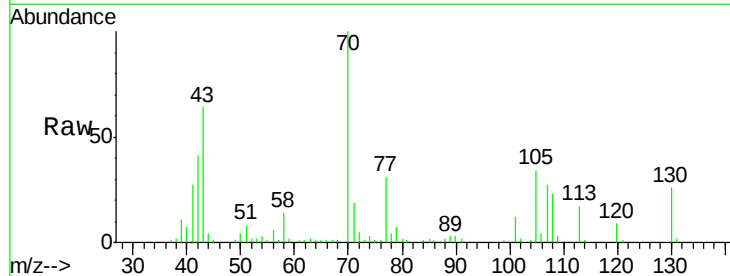
Ion Ratio Lower Upper

70 100

42 40.6 56.7 85.1#

101 12.0 8.2 12.4

130 25.5 14.0 21.0#



#20

3+4-Methylphenols

Concen: 40.43 ng

RT: 8.89 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Tgt Ion: 107 Resp: 107368

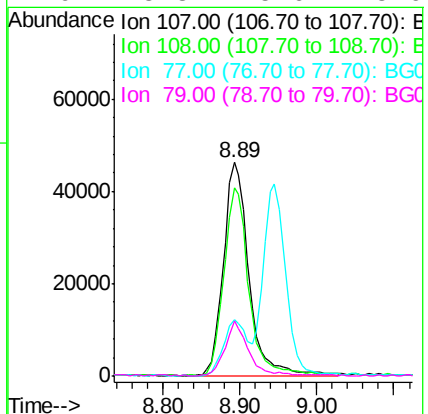
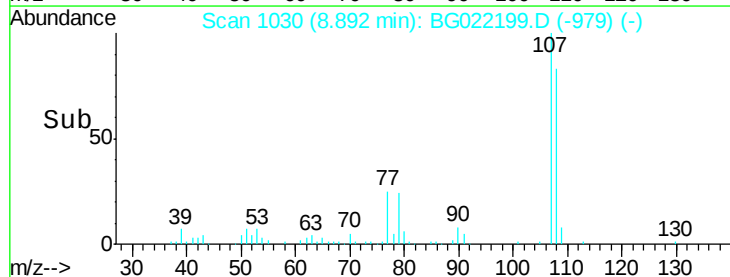
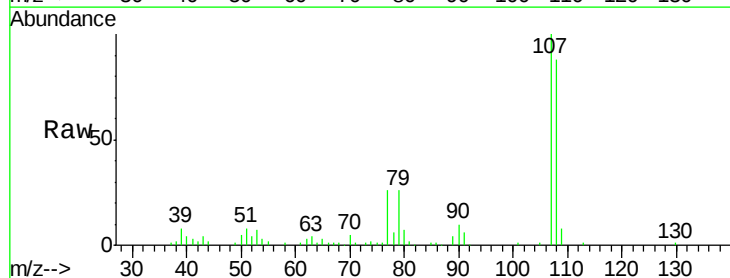
Ion Ratio Lower Upper

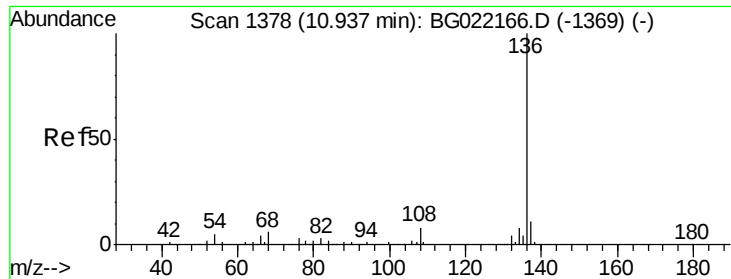
107 100

108 88.4 66.2 106.2

77 26.1 11.5 51.5

79 25.8 5.6 45.6

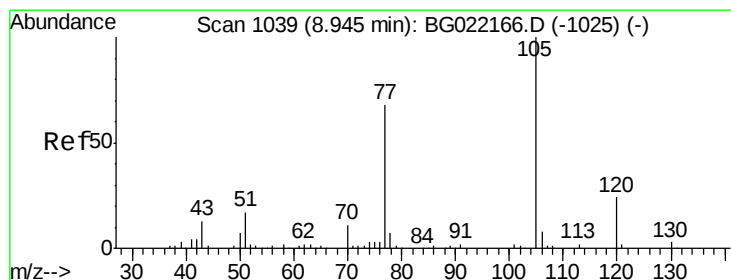
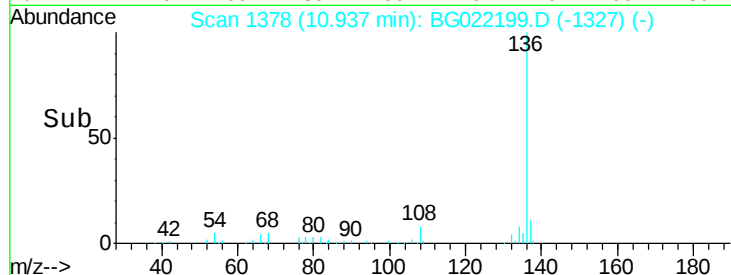
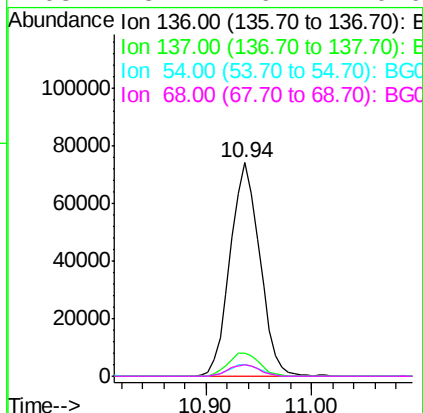
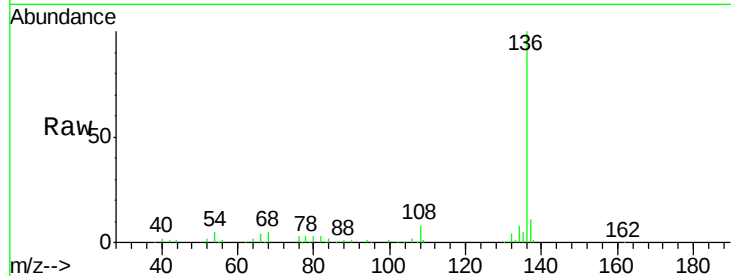




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

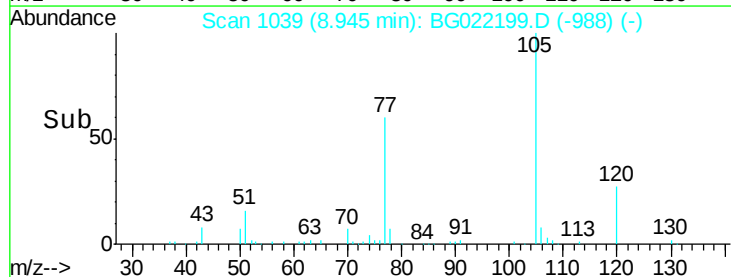
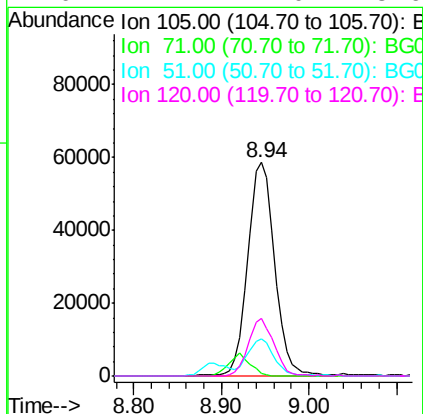
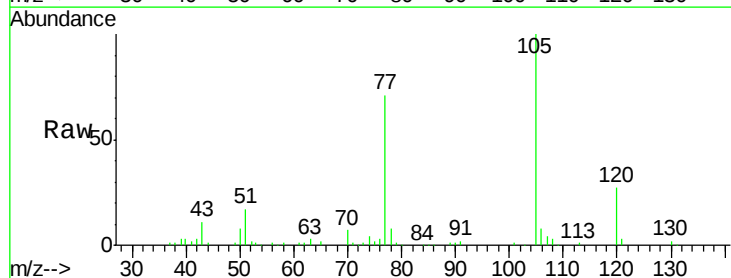
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

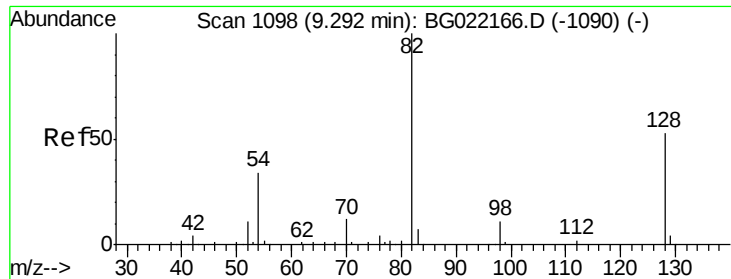
Tgt Ion:	136	Resp:	144022
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.5	9.6	14.4#
68	5.2	6.4	9.6#



#22
Acetophenone
Concen: 39.36 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:	105	Resp:	122148
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.0	0.0#
51	17.4	25.7	38.5#
120	27.2	17.0	25.6#

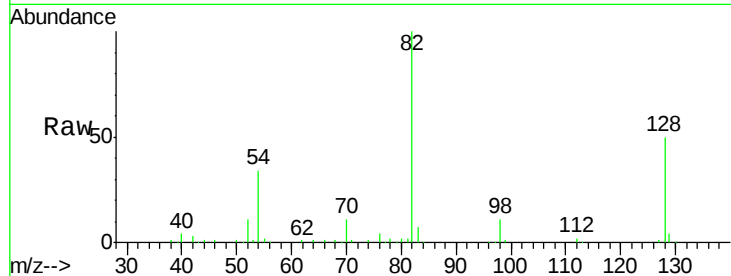




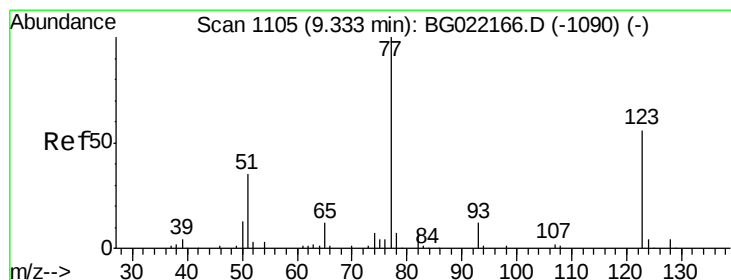
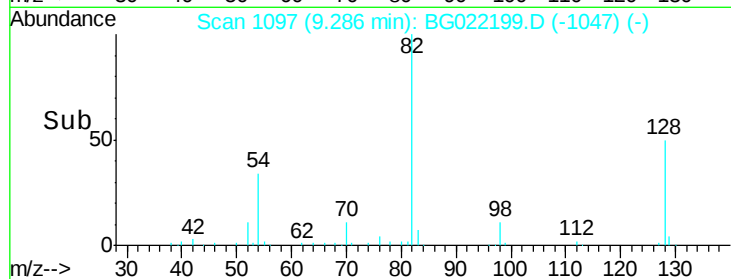
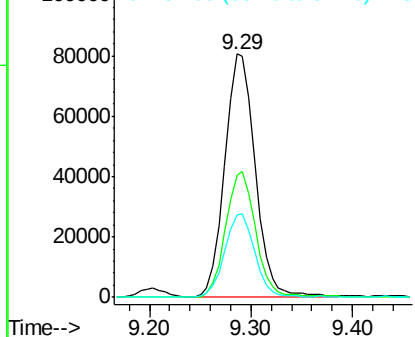
#23
 Nitrobenzene-d5
 Concen: 81.63 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Tgt Ion: 82 Resp: 168628
 Ion Ratio Lower Upper
 82 100
 128 50.3 33.4 50.0#
 54 33.9 46.1 69.1#

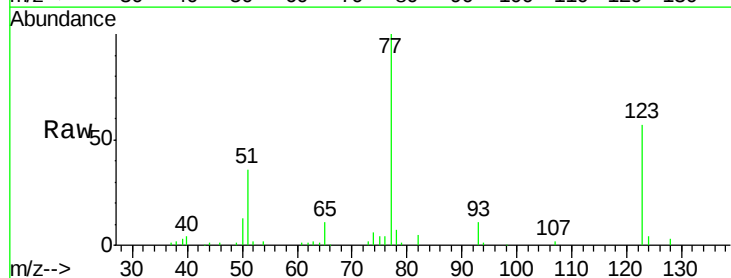


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

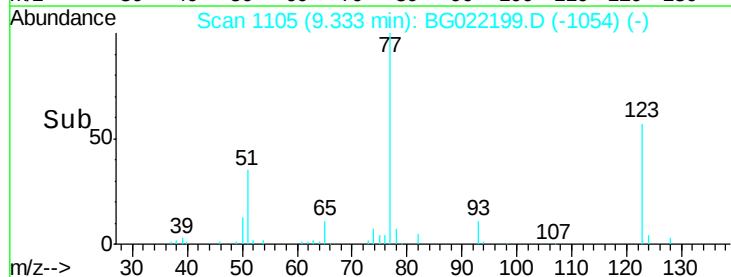
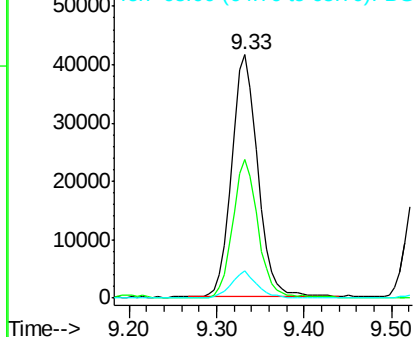


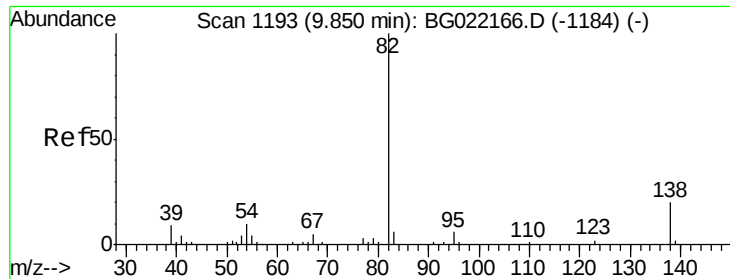
#24
 Nitrobenzene
 Concen: 40.47 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion: 77 Resp: 84062
 Ion Ratio Lower Upper
 77 100
 123 56.8 32.2 48.4#
 65 11.1 10.3 15.5



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: 36.95 ng

RT: 9.85 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

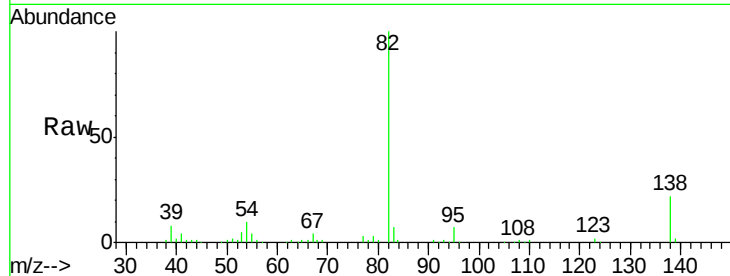
Tgt Ion: 82 Resp: 178596

Ion Ratio Lower Upper

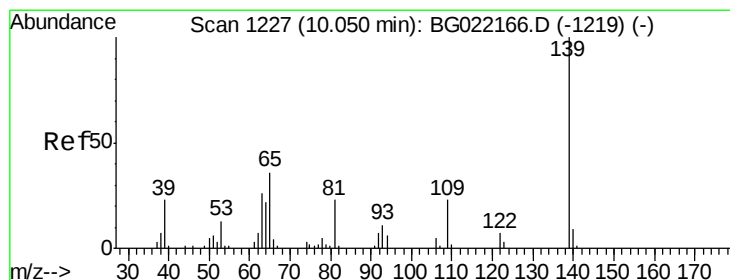
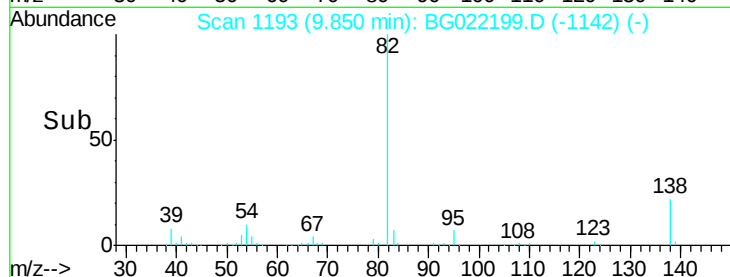
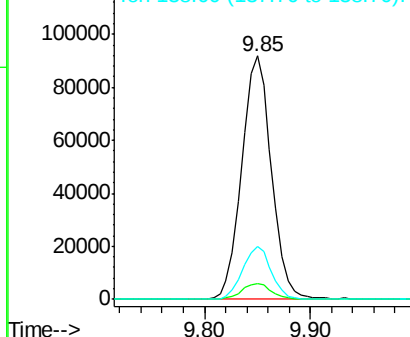
82 100

95 6.6 6.0 9.0

138 21.7 13.4 20.0#



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



#26

2-Nitrophenol

Concen: 41.06 ng

RT: 10.05 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

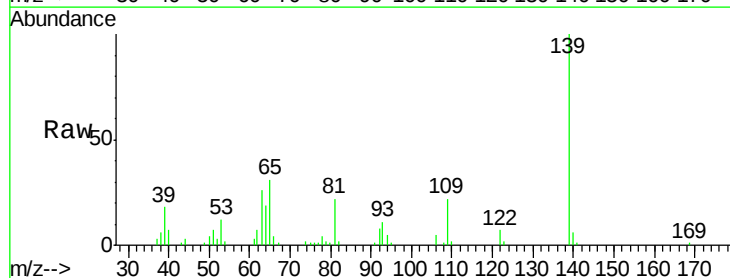
Tgt Ion: 139 Resp: 46255

Ion Ratio Lower Upper

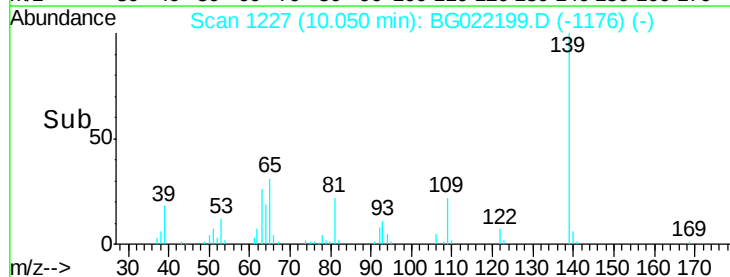
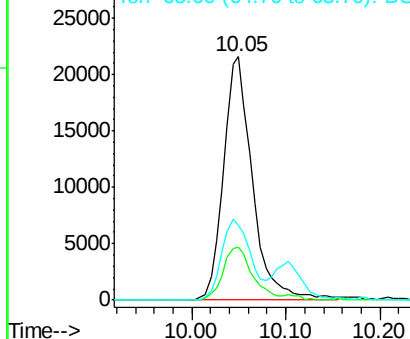
139 100

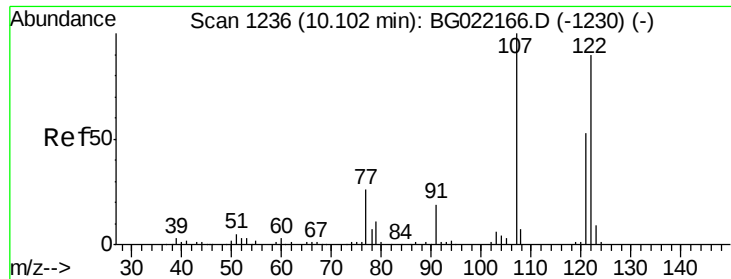
109 21.9 26.6 40.0#

65 30.8 45.3 67.9#



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

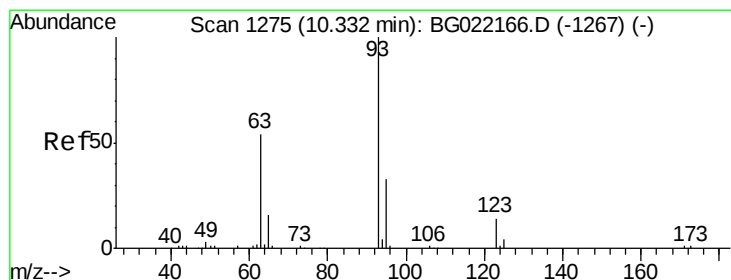
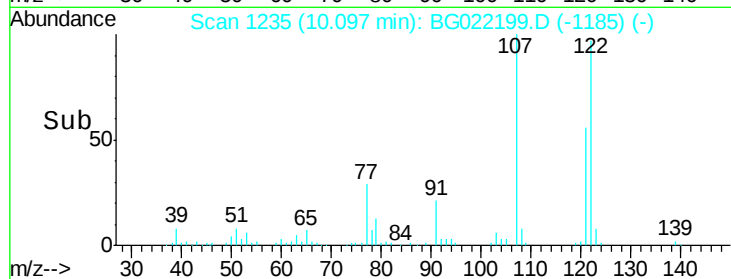
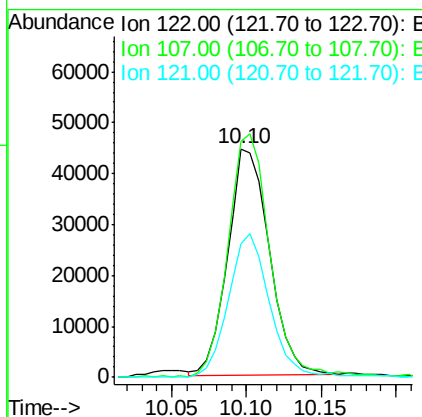
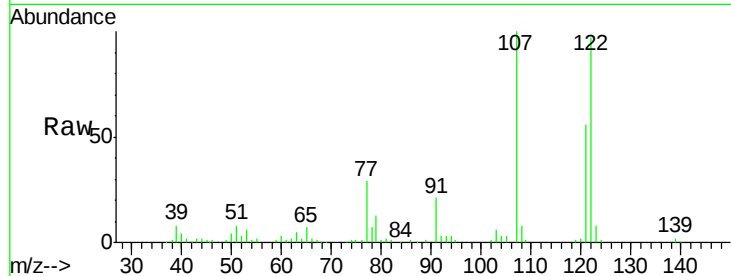




#27
 2,4-Dimethylphenol
 Concen: 42.40 ng
 RT: 10.10 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

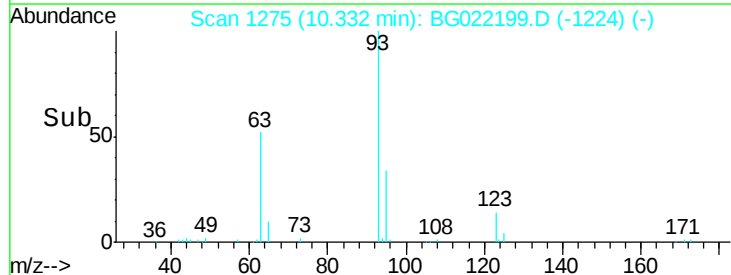
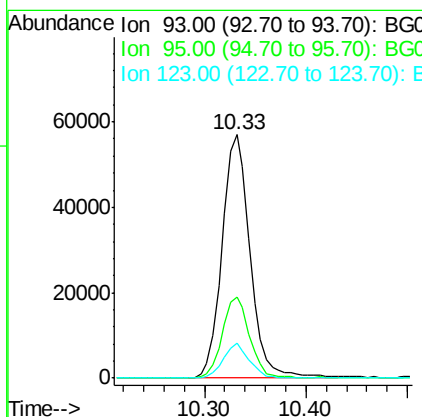
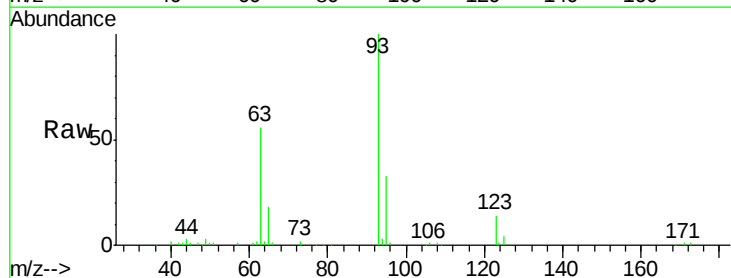
Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

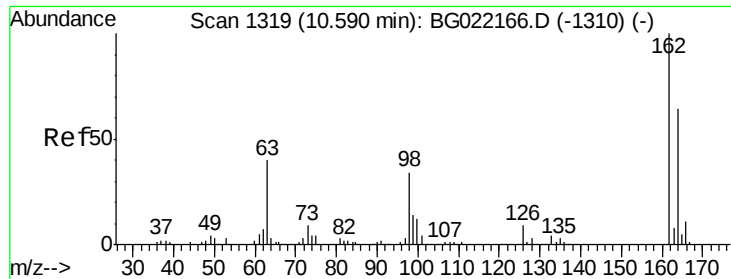
Tgt Ion:122 Resp: 86441
 Ion Ratio Lower Upper
 122 100
 107 103.1 97.2 145.8
 121 58.2 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.46 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion: 93 Resp: 109269
 Ion Ratio Lower Upper
 93 100
 95 33.3 30.1 45.1
 123 14.2 10.2 15.4

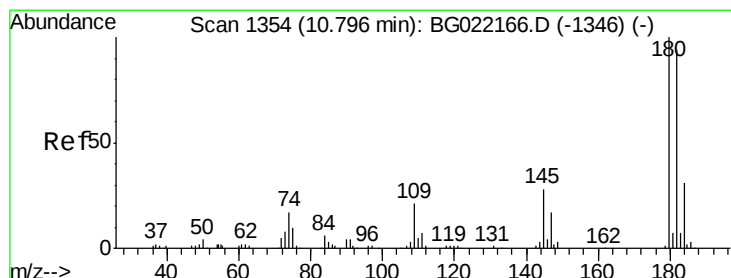
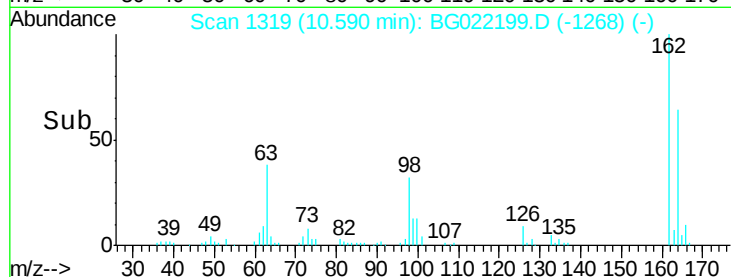
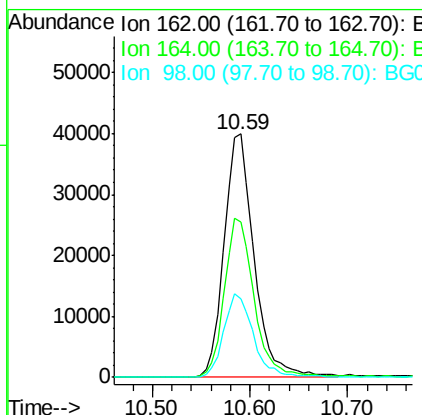
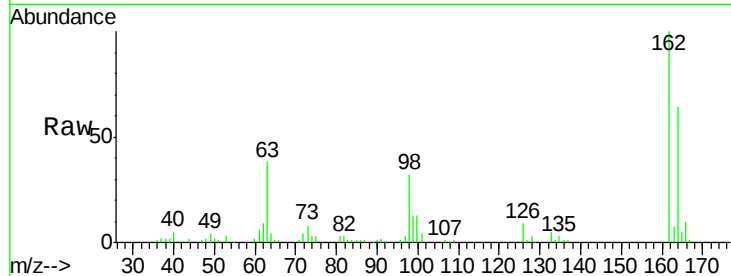




#29
 2,4-Dichlorophenol
 Concen: 45.23 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

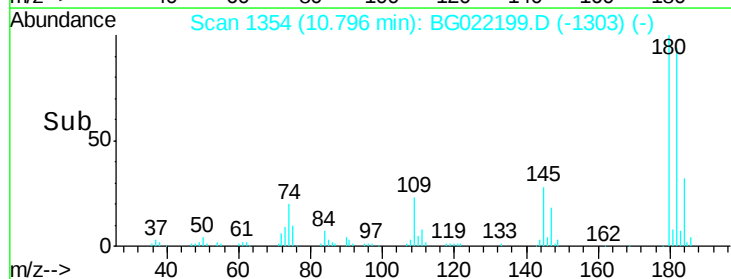
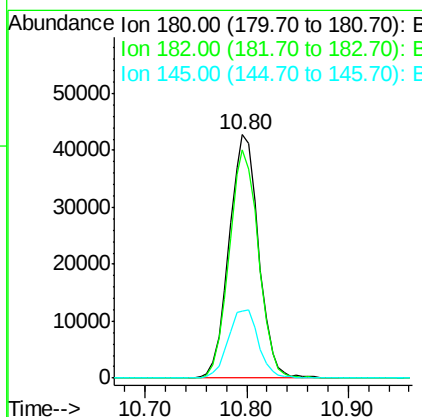
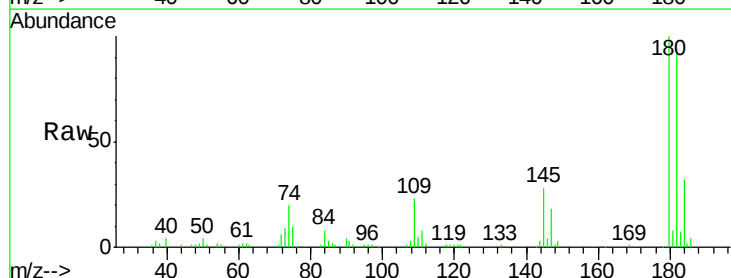
Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

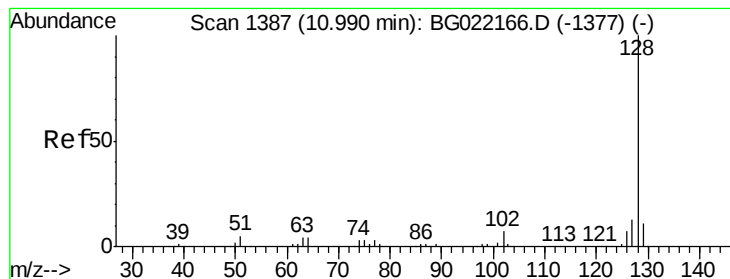
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	32.5	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.76 ng
 RT: 10.80 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	82.3	123.5
145	27.7	24.4	36.6





#31

Naphthalene

Concen: 39.30 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

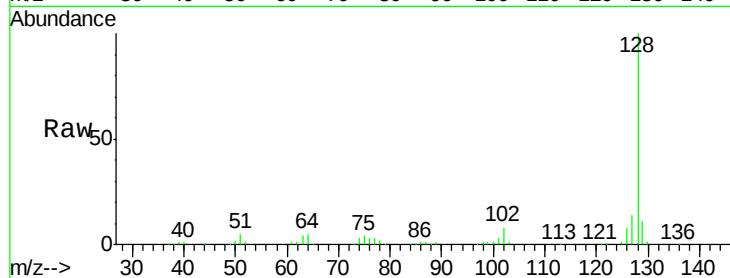
Tgt Ion:128 Resp: 282523

Ion Ratio Lower Upper

128 100

129 11.3 7.0 10.6#

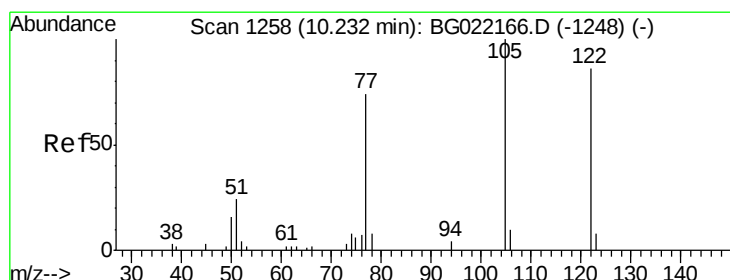
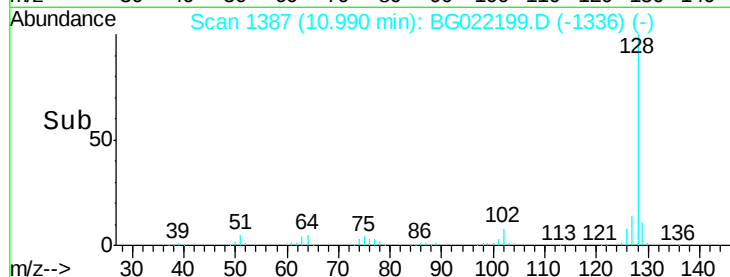
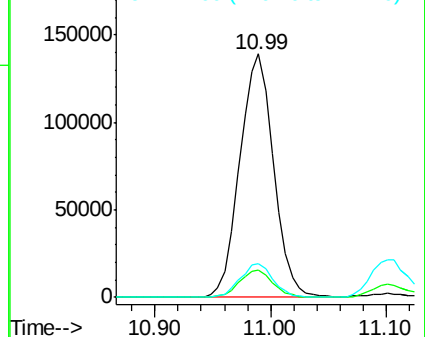
127 13.8 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 89.07 ng

RT: 10.10 min Scan# 1235

Delta R.T. -0.13 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

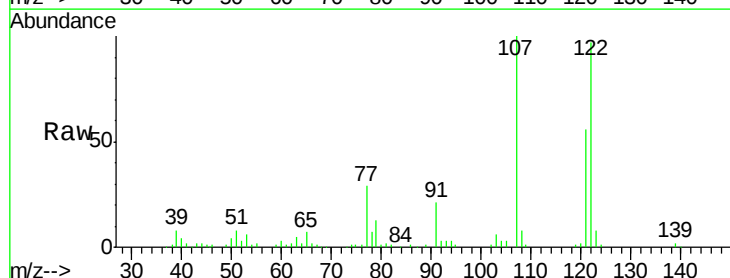
Tgt Ion:122 Resp: 86441

Ion Ratio Lower Upper

122 100

105 3.6 104.5 144.5#

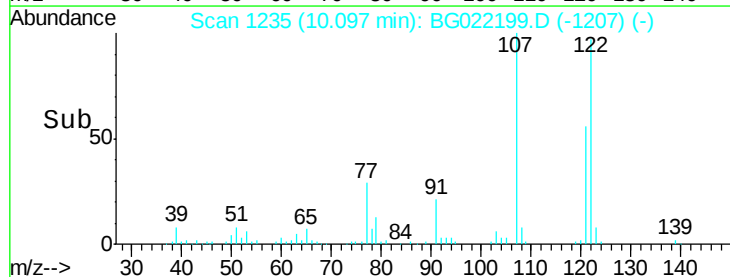
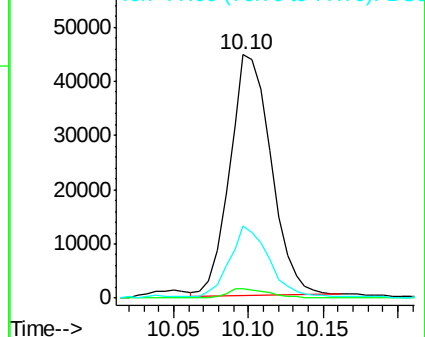
77 29.5 79.9 119.9#

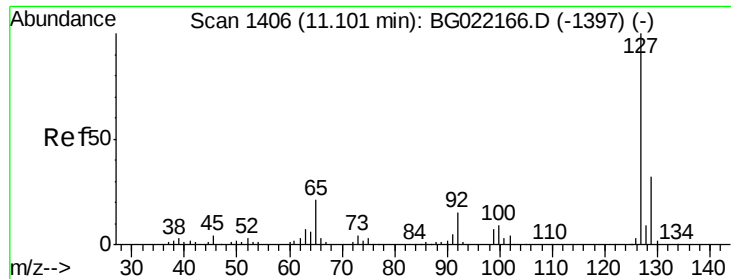


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

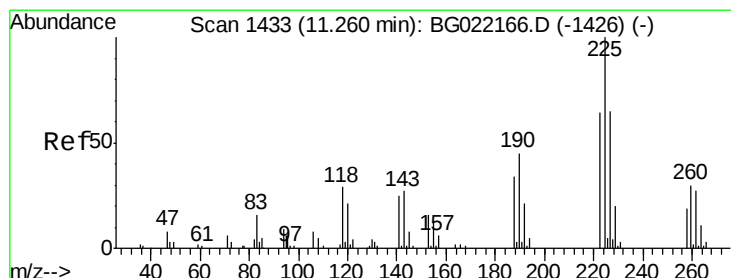
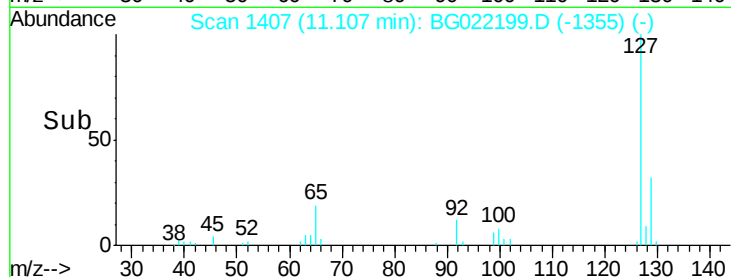
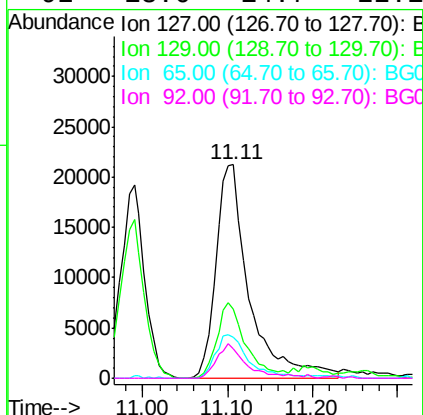
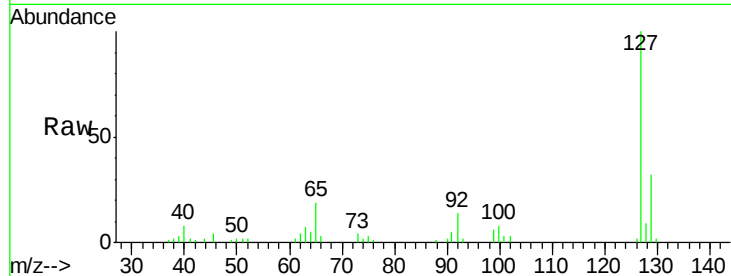




#33
4-Chloroaniline
Concen: 19.47 ng
RT: 11.11 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

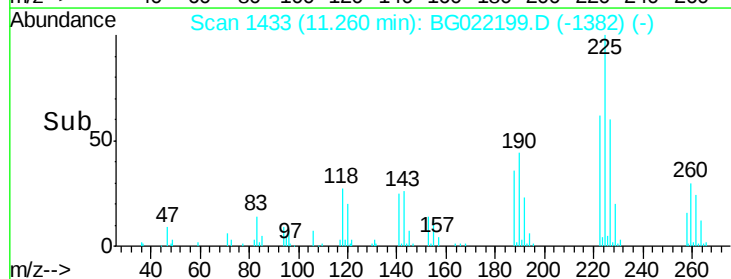
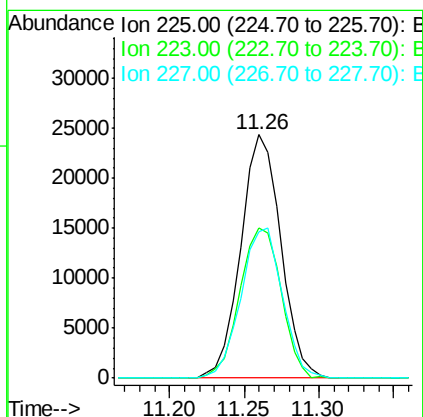
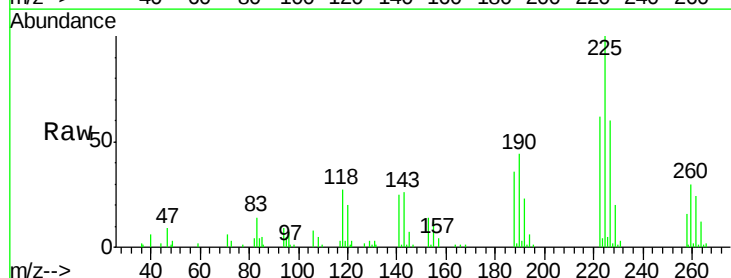
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

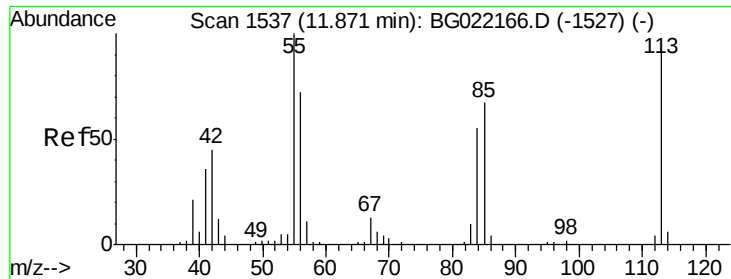
Tgt Ion:127 Resp: 58193
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8
65 18.9 27.5 41.3#
92 13.6 14.7 22.1#



#34
Hexachlorobutadiene
Concen: 39.94 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:225 Resp: 45253
Ion Ratio Lower Upper
225 100
223 62.5 52.7 79.1
227 59.4 49.7 74.5





#35

Caprolactam

Concen: 18.24 ng

RT: 11.87 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

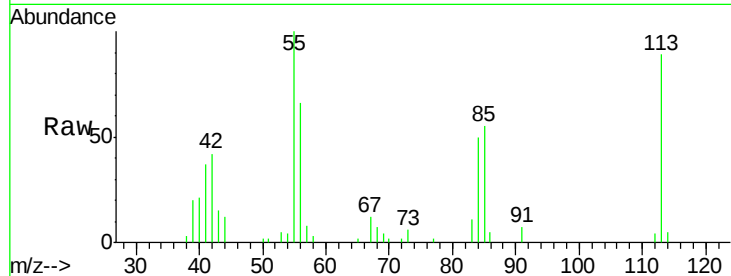
Tgt Ion:113 Resp: 18897

Ion Ratio Lower Upper

113 100

55 111.9 194.2 234.2#

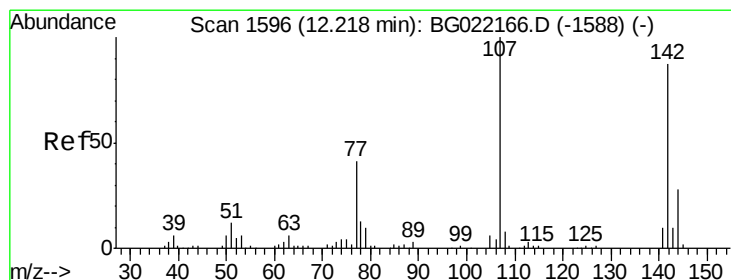
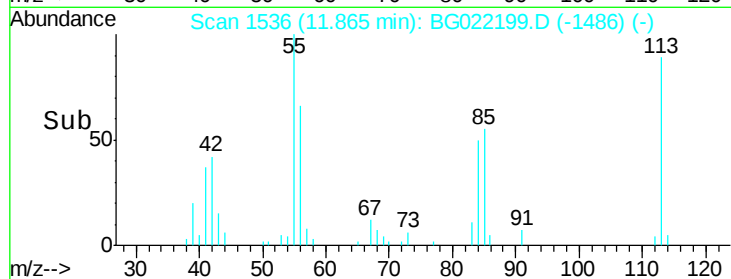
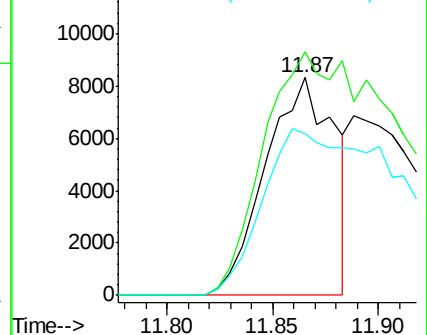
56 74.3 122.6 162.6#



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: 41.81 ng

RT: 12.22 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

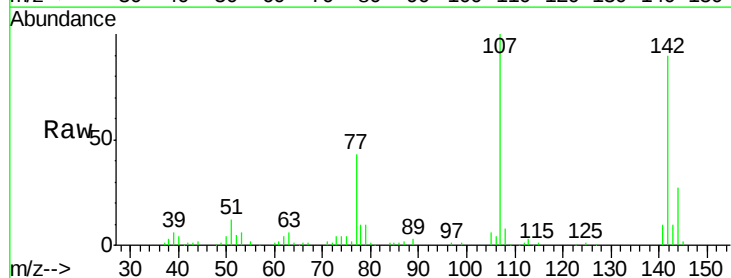
Tgt Ion:107 Resp: 93613

Ion Ratio Lower Upper

107 100

144 27.4 19.2 28.8

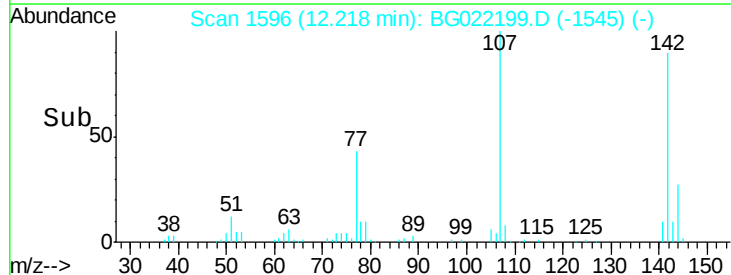
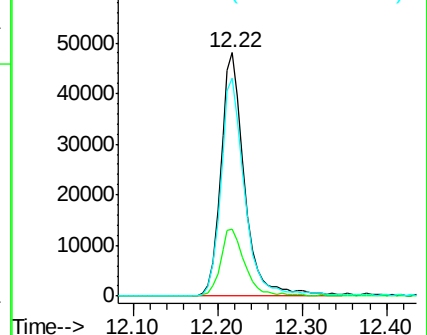
142 89.7 59.1 88.7#

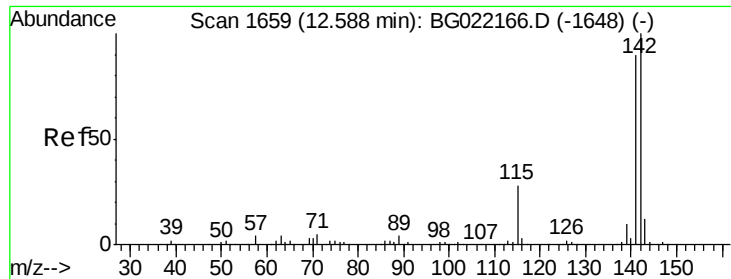


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

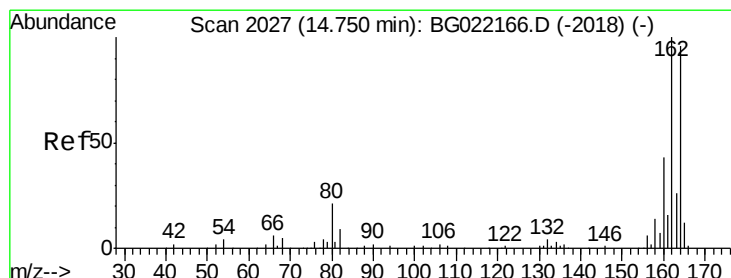
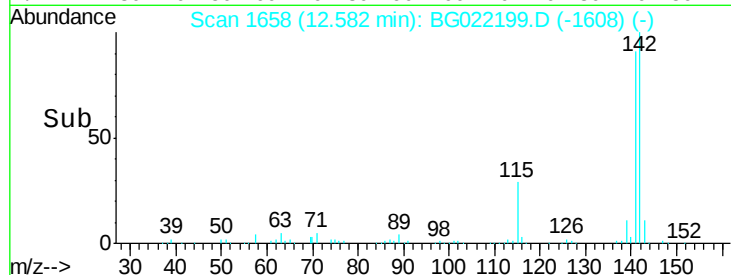
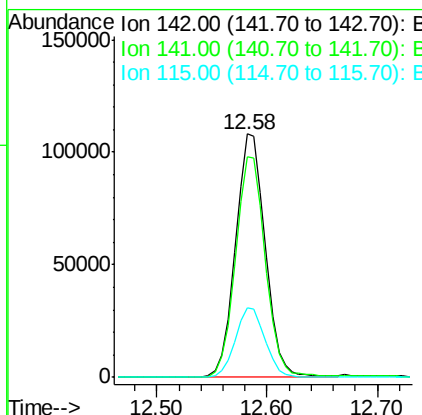
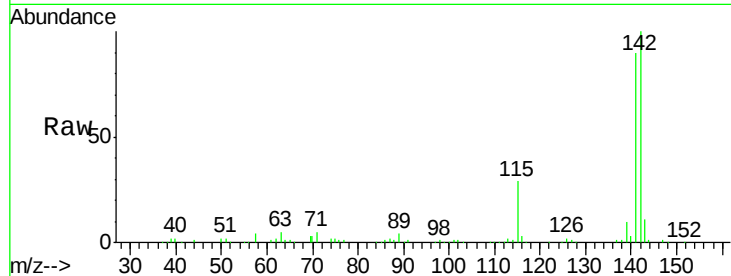




#37
2-Methylnaphthalene
Concen: 38.81 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

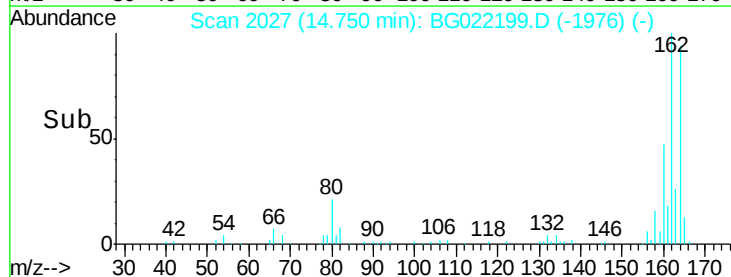
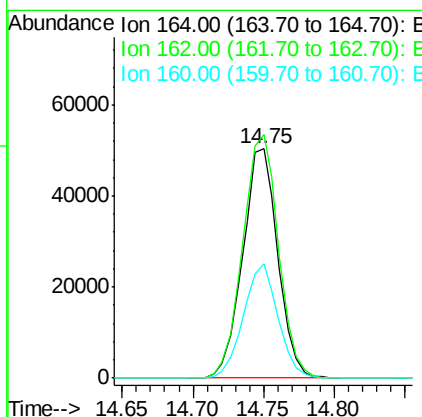
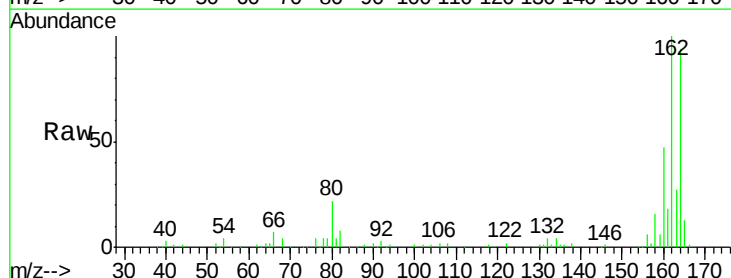
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

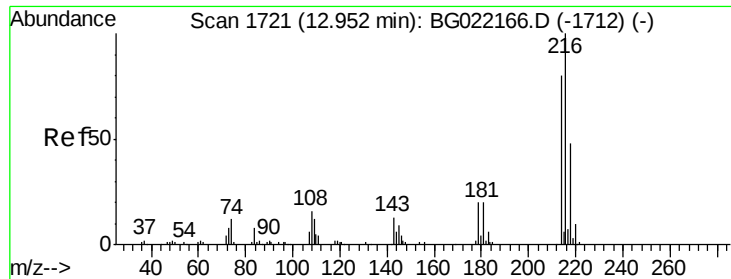
Tgt Ion:142 Resp: 205966
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.0
115 28.8 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:164 Resp: 87563
Ion Ratio Lower Upper
164 100
162 106.1 78.0 117.0
160 50.1 32.9 49.3#

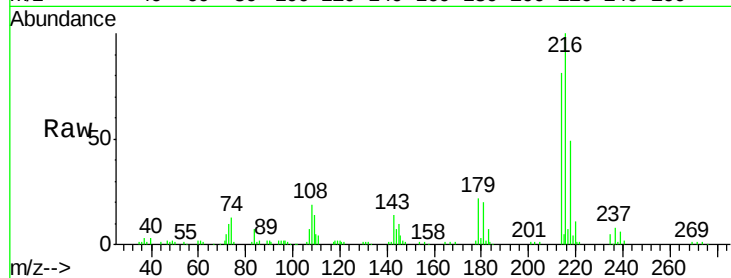




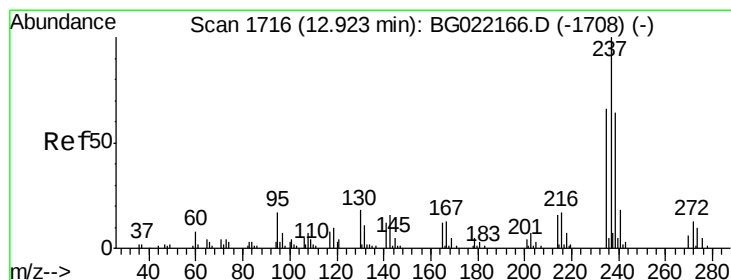
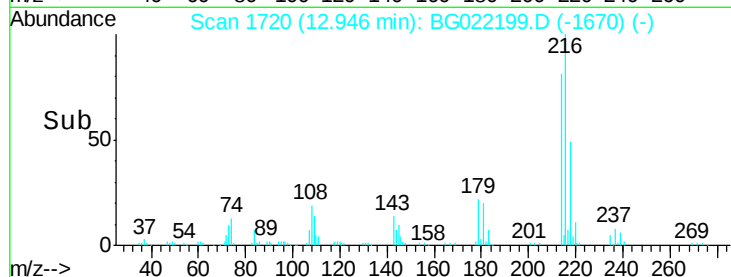
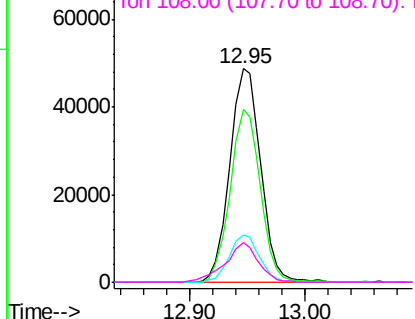
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.01 ng
 RT: 12.95 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Tgt Ion:	216	Resp:	90195
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.2	93.2
179	21.3	16.7	25.1
108	20.0	14.0	21.0

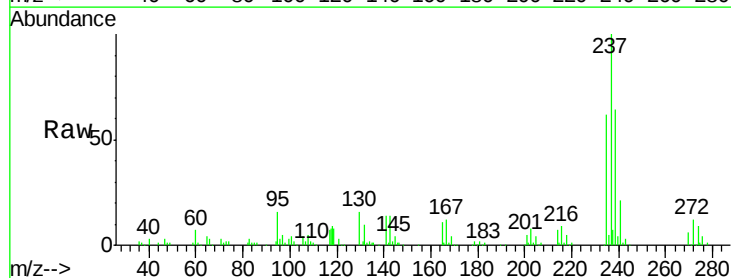


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

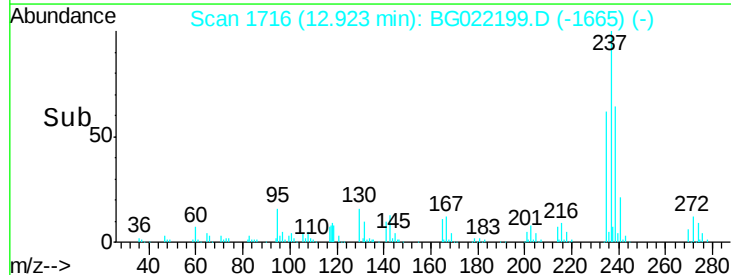
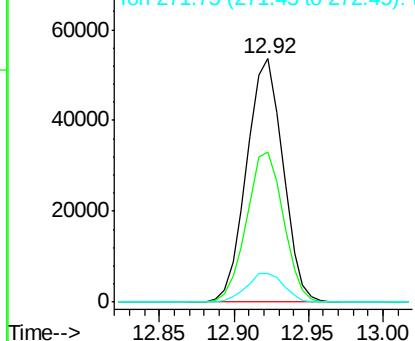


#40
 Hexachlorocyclopentadiene
 Concen: 78.93 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:	237	Resp:	90626
Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.2	83.2
272	11.9	0.0	33.4



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

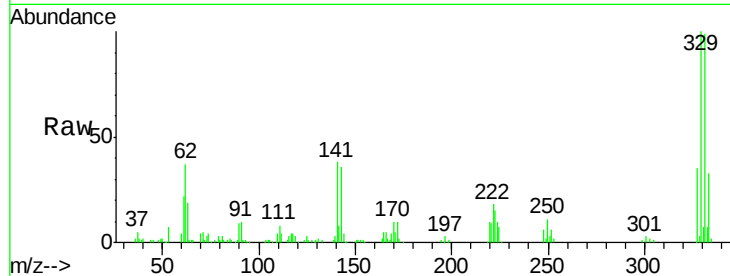




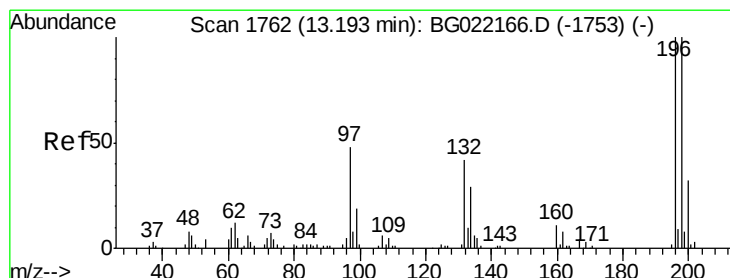
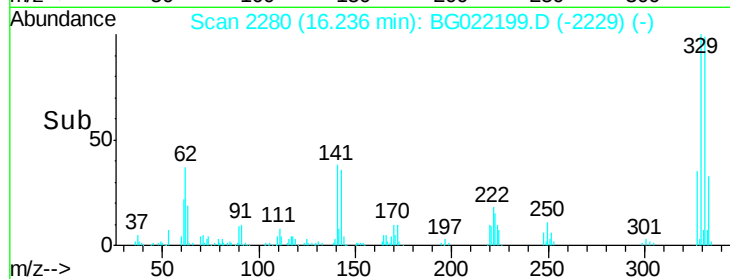
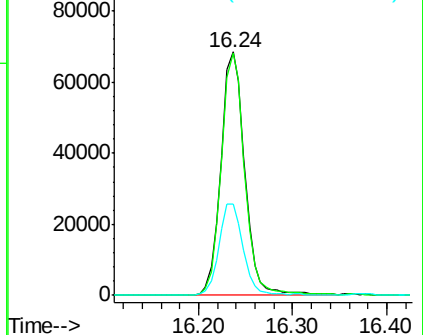
#41
 2,4,6-Tribromophenol
 Concen: 122.81 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Tgt Ion:330 Resp: 121515
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.0 117.0
 141 37.9 33.8 50.8

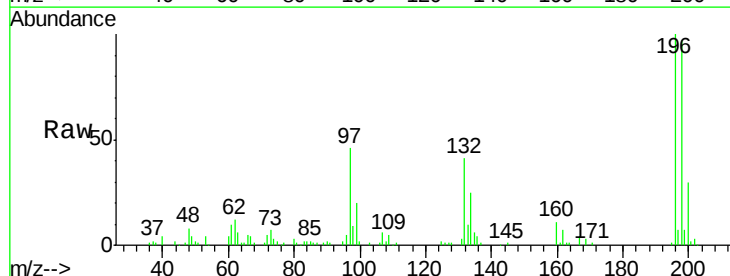


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

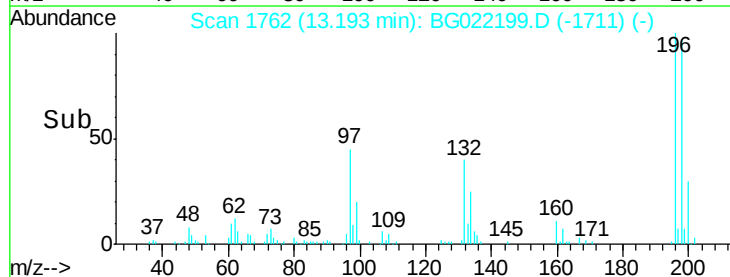
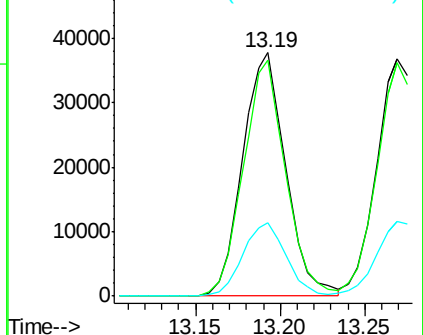


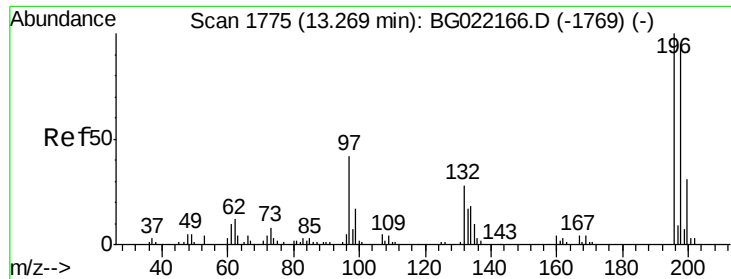
#42
 2,4,6-Trichlorophenol
 Concen: 44.18 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:196 Resp: 66804
 Ion Ratio Lower Upper
 196 100
 198 97.0 80.1 120.1
 200 30.3 24.1 36.1



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

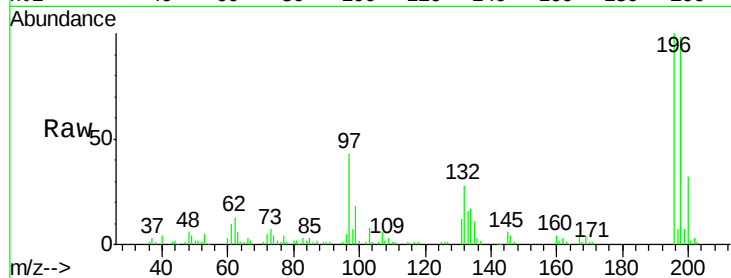




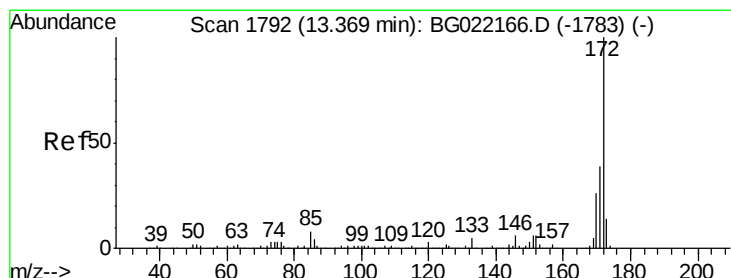
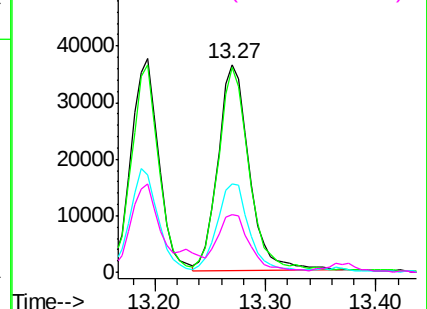
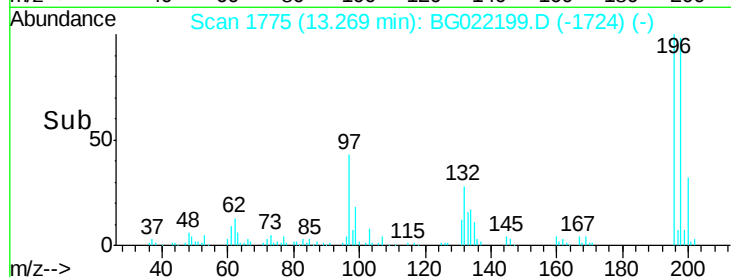
#43
 2,4,5-Trichlorophenol
 Concen: 42.95 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	78.0	117.0
97	42.7	43.0	64.6#
132	27.8	23.0	34.4

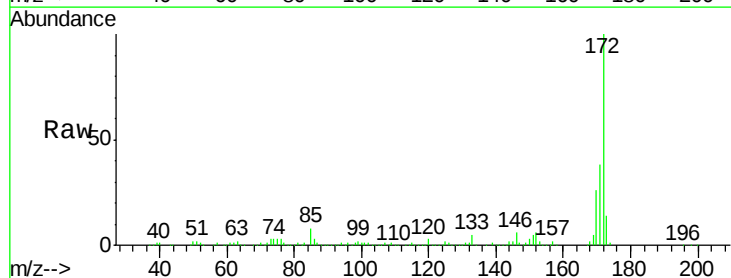


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

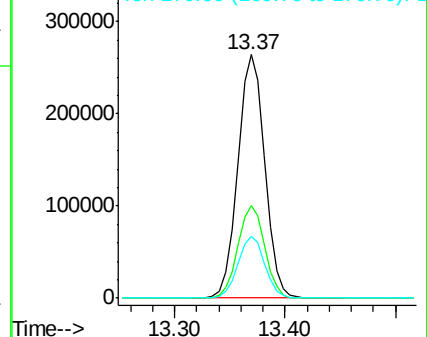
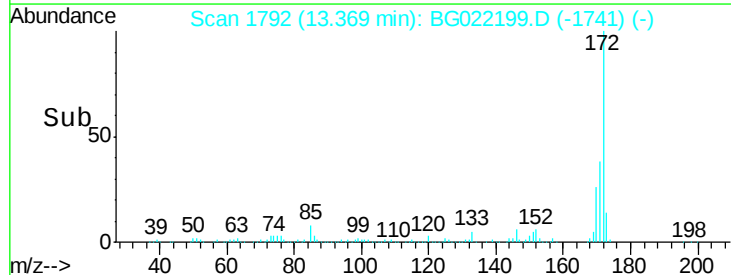


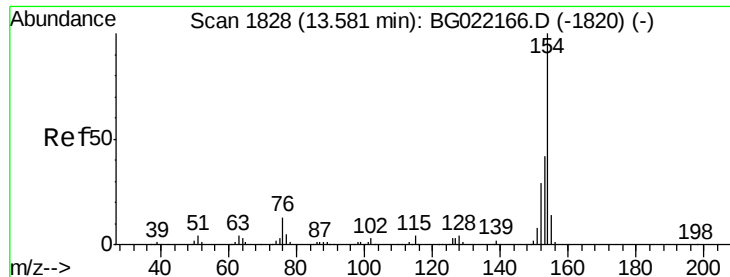
#44
 2-Fluorobiphenyl
 Concen: 78.66 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	27.8	41.6
170	25.5	19.6	29.4



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

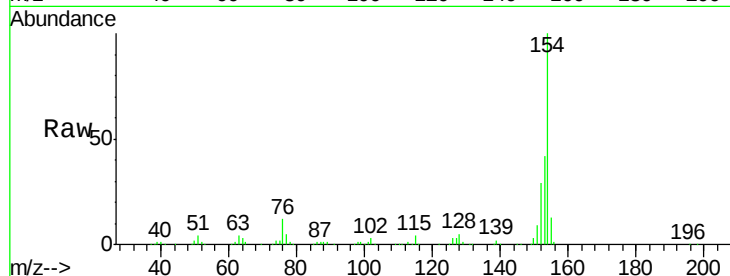




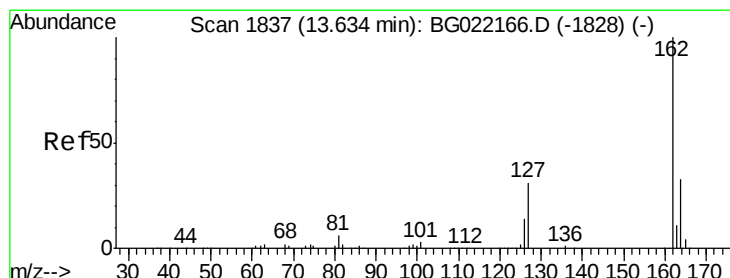
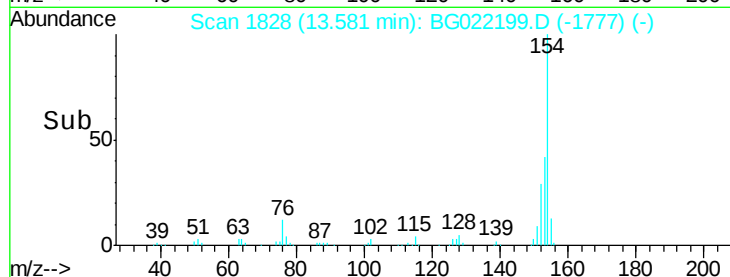
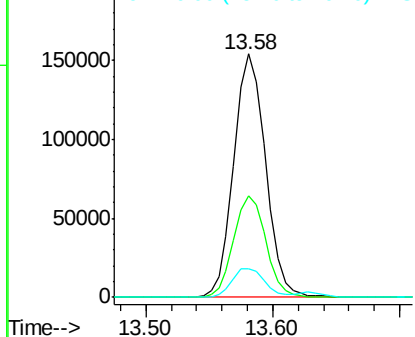
#45
1,1'-Biphenyl
Concen: 40.70 ng
RT: 13.58 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

Tgt Ion:154 Resp: 268202
Ion Ratio Lower Upper
154 100
153 41.9 19.7 59.7
76 11.9 0.0 33.0

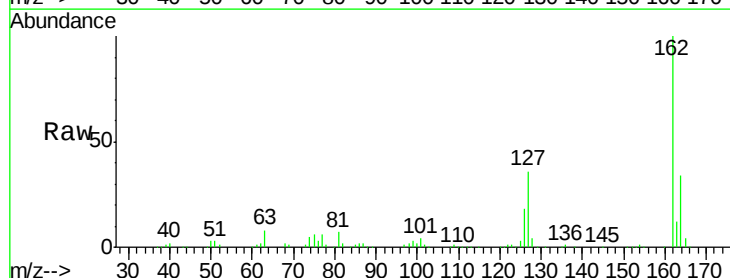


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

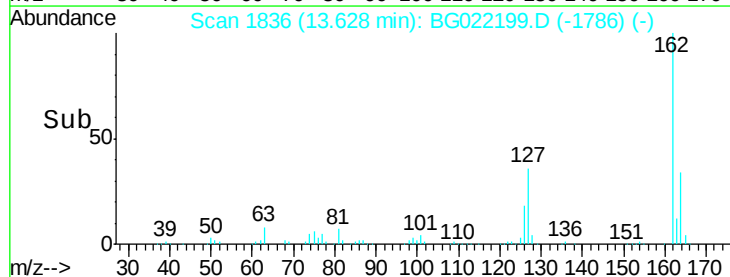
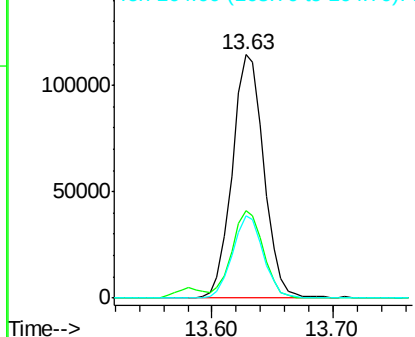


#46
2-Chloronaphthalene
Concen: 41.31 ng
RT: 13.63 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:162 Resp: 208680
Ion Ratio Lower Upper
162 100
127 36.2 32.0 48.0
164 33.9 27.0 40.4



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





#47

2-Nitroaniline

Concen: 39.78 ng

RT: 13.83 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

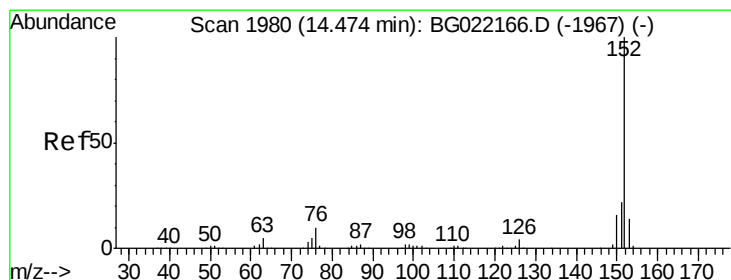
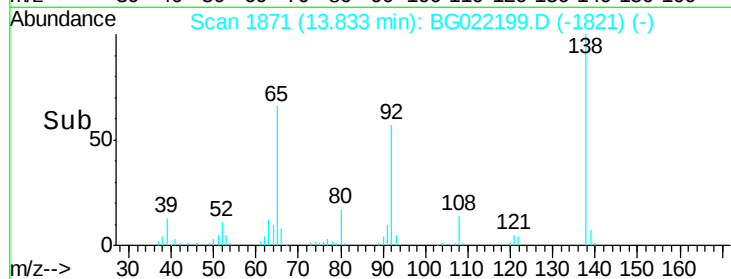
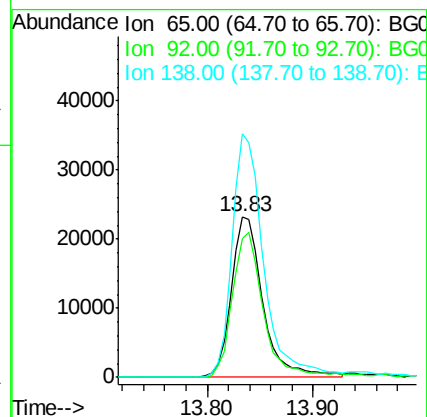
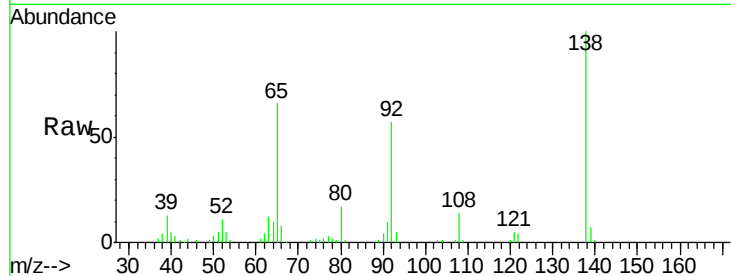
Tgt Ion: 65 Resp: 47920

Ion Ratio Lower Upper

65 100

92 86.2 49.2 73.8#

138 151.7 75.0 112.6#



#48

Acenaphthylene

Concen: 40.05 ng

RT: 14.47 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

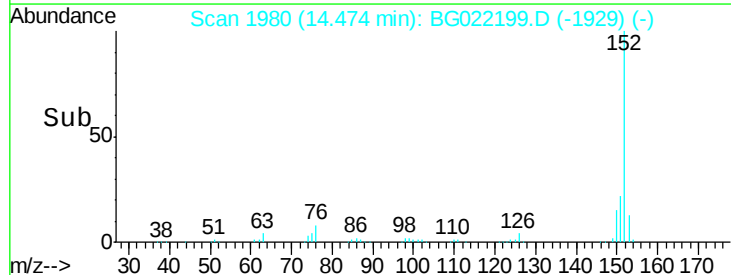
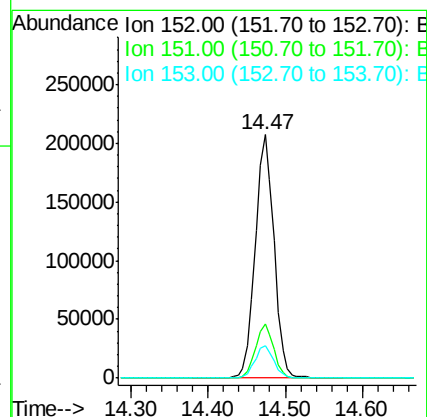
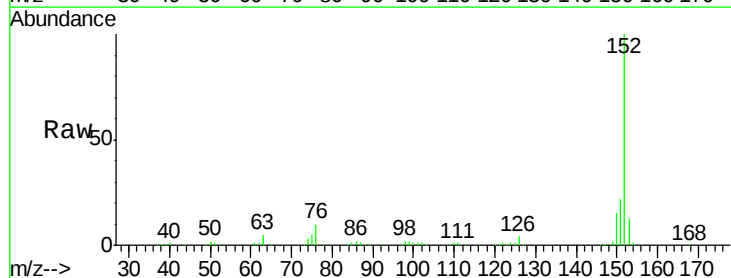
Tgt Ion: 152 Resp: 354976

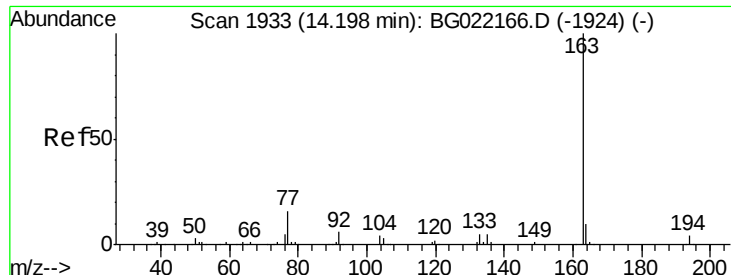
Ion Ratio Lower Upper

152 100

151 22.2 16.6 24.8

153 13.4 10.2 15.2





#49

Dimethylphthalate

Concen: 43.46 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

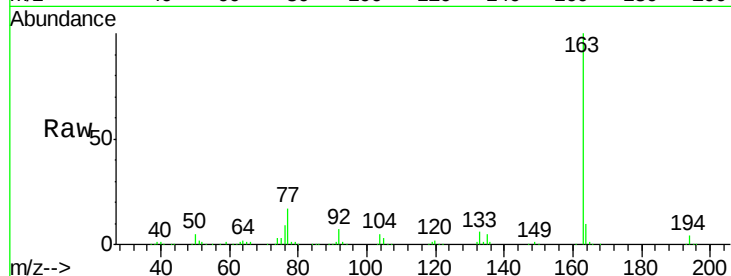
Tgt Ion:163 Resp: 315499

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

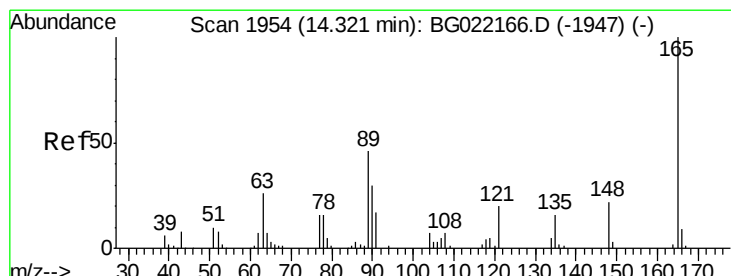
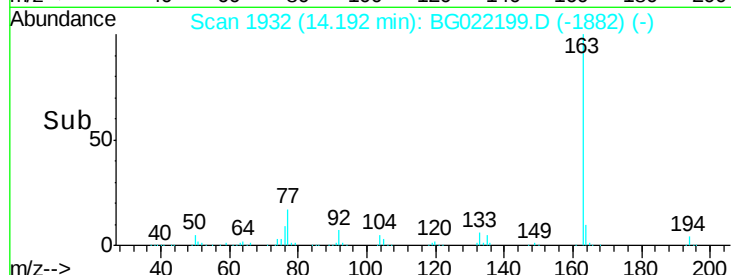
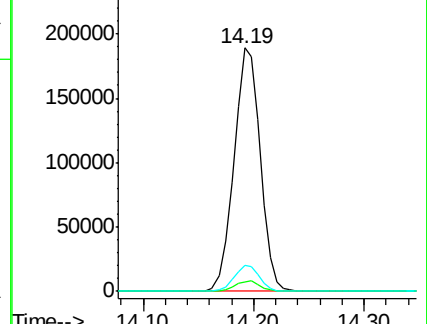
164 10.4 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 41.29 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

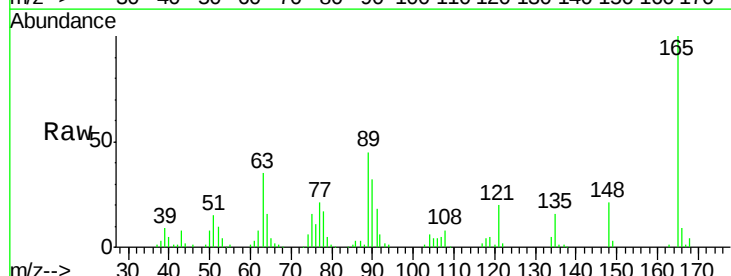
Tgt Ion:165 Resp: 65172

Ion Ratio Lower Upper

165 100

63 35.1 48.2 72.4#

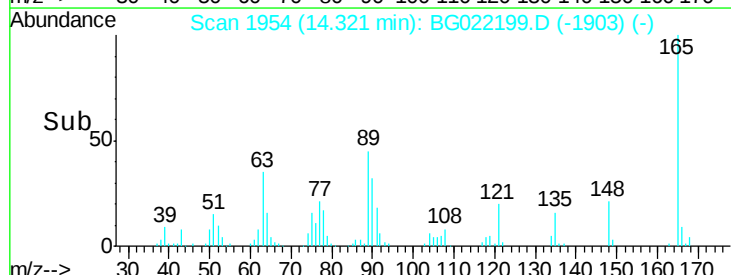
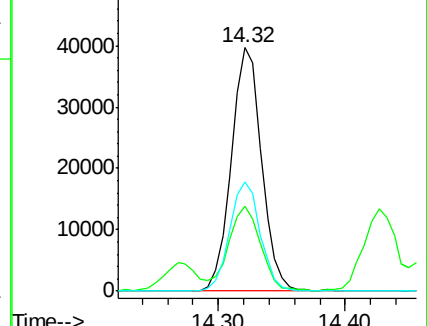
89 44.8 45.3 67.9#

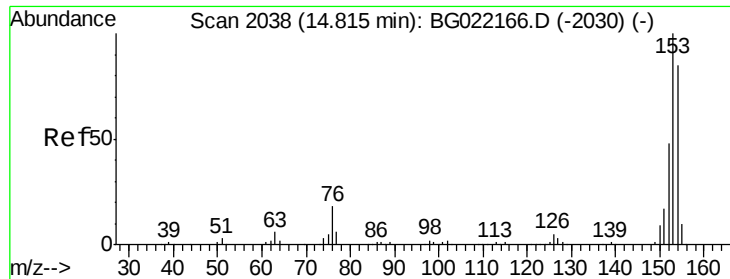


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.56 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

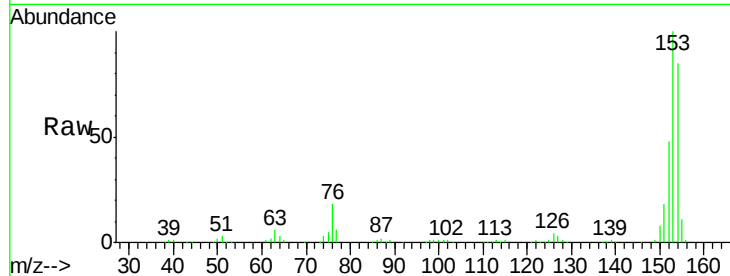
Tgt Ion:154 Resp: 210082

Ion Ratio Lower Upper

154 100

153 117.5 91.9 137.9

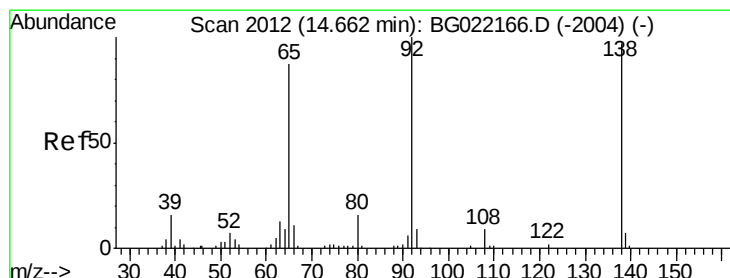
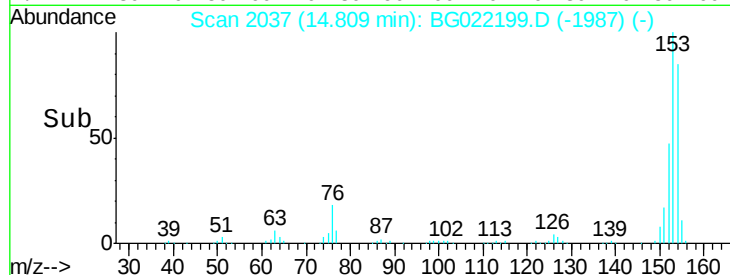
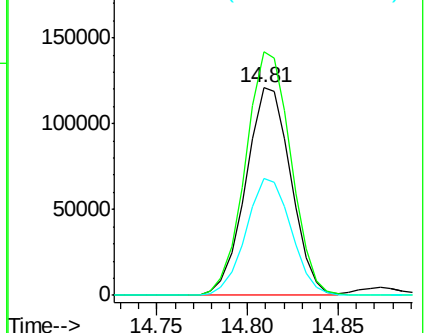
152 56.6 42.0 63.0



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



#52

3-Nitroaniline

Concen: 25.70 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

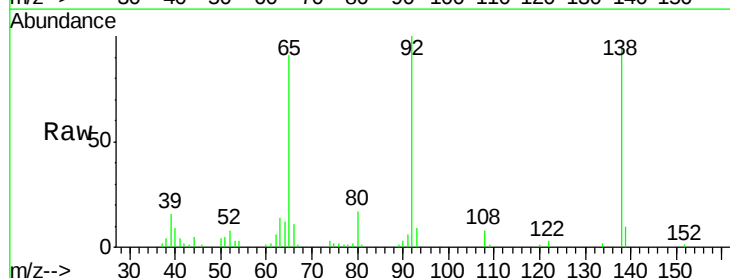
Tgt Ion:138 Resp: 44989

Ion Ratio Lower Upper

138 100

108 7.9 9.1 13.7#

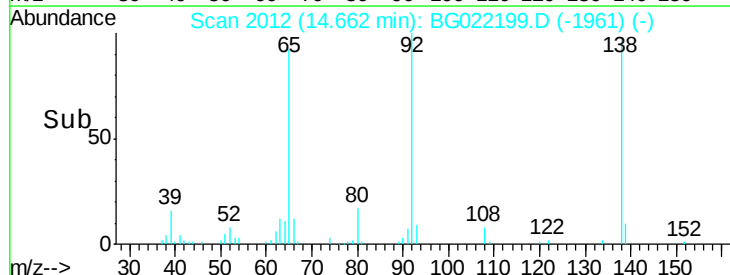
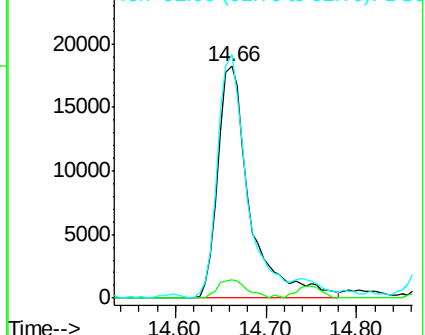
92 105.0 102.6 154.0

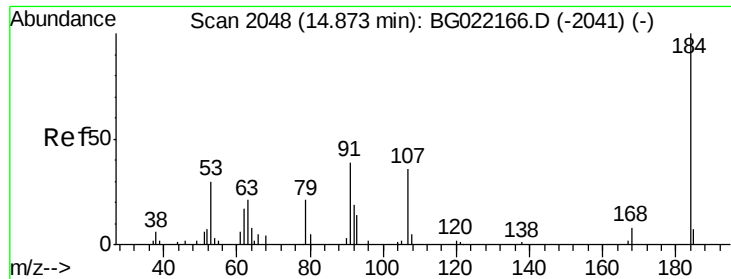


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

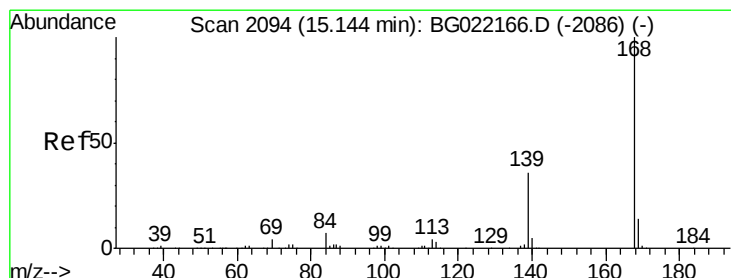
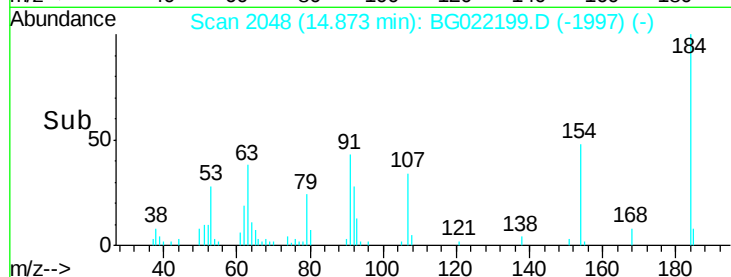
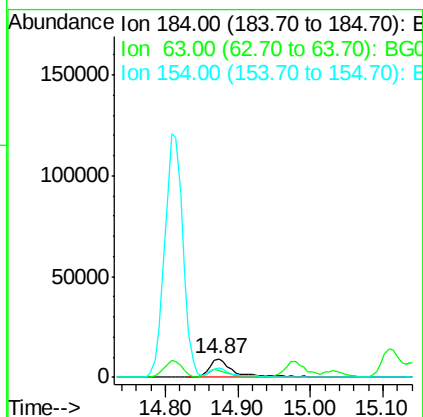
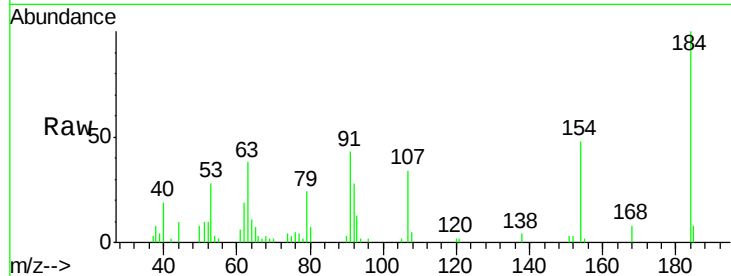




#53
 2,4-Dinitrophenol
 Concen: 39.89 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

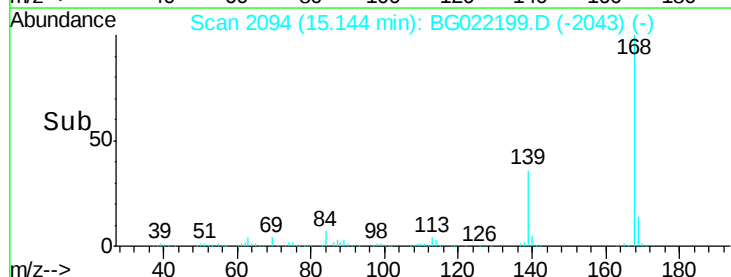
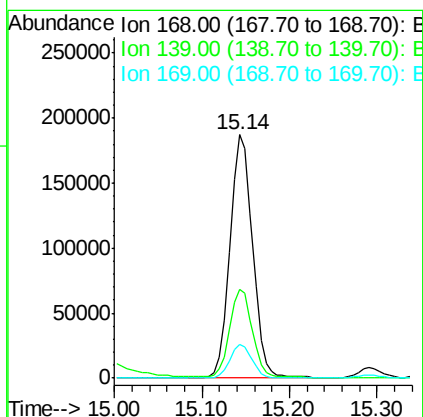
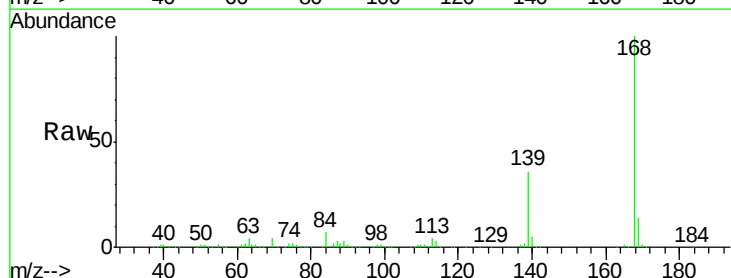
Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

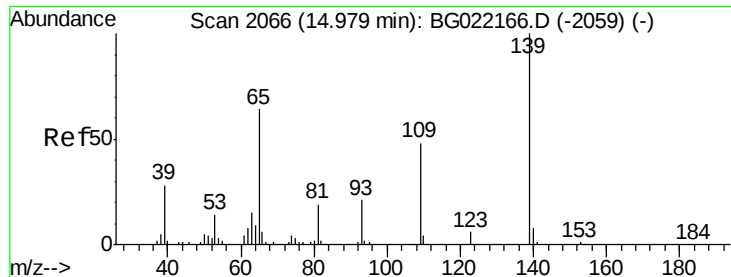
Tgt Ion:184 Resp: 21622
 Ion Ratio Lower Upper
 184 100
 63 38.4 57.3 85.9#
 154 47.7 55.2 82.8#



#54
 Dibenzofuran
 Concen: 39.92 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:168 Resp: 330794
 Ion Ratio Lower Upper
 168 100
 139 36.4 31.1 46.7
 169 13.8 11.0 16.6

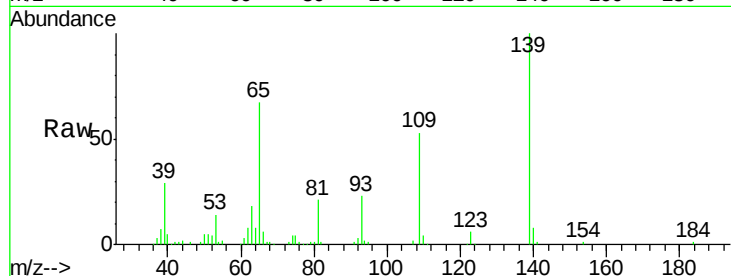




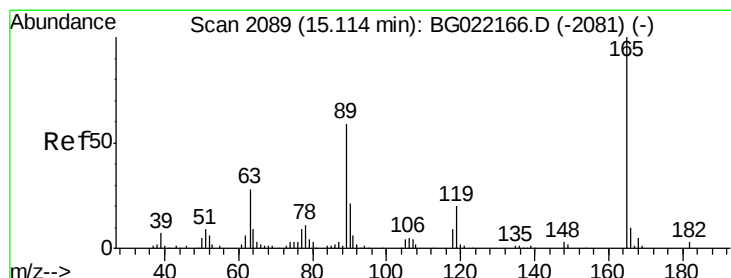
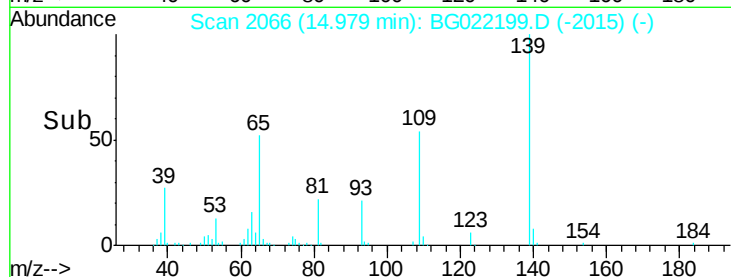
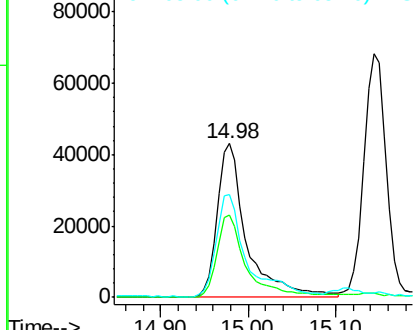
#55
4-Nitrophenol
Concen: 83.11 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

Tgt Ion:139 Resp: 100402
Ion Ratio Lower Upper
139 100
109 53.5 49.2 89.2
65 66.8 83.2 123.2#



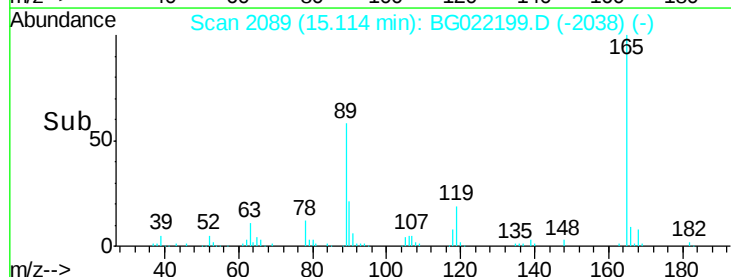
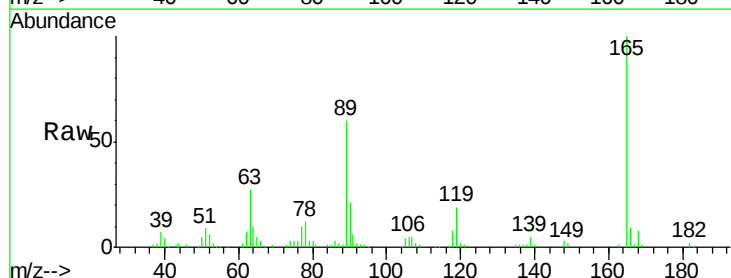
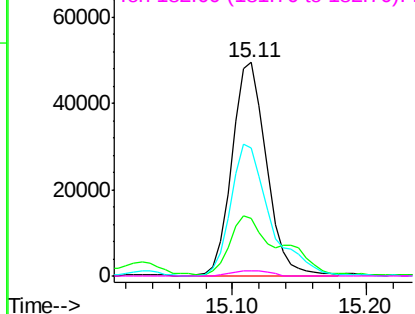
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

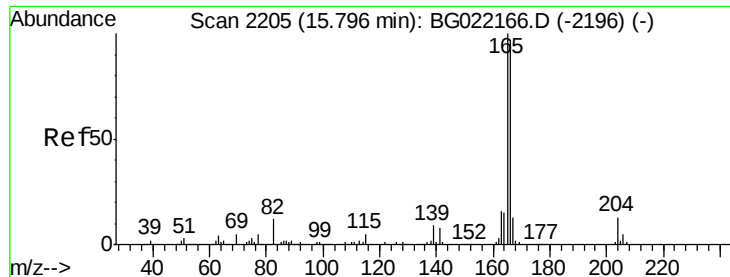


#56
2,4-Dinitrotoluene
Concen: 42.06 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:165 Resp: 89042
Ion Ratio Lower Upper
165 100
63 27.2 37.4 56.0#
89 60.0 59.4 89.0
182 2.3 2.1 3.1

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





#57

Fluorene

Concen: 39.89 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

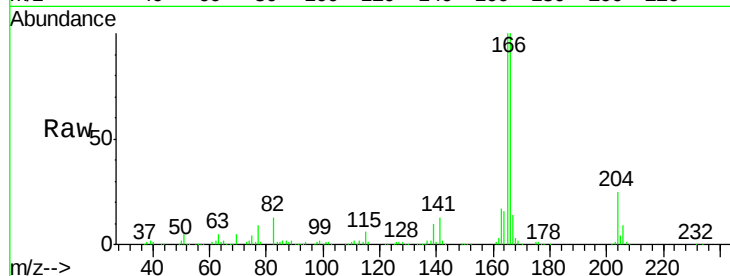
Tgt Ion:166 Resp: 284794

Ion Ratio Lower Upper

166 100

165 100.3 79.0 118.4

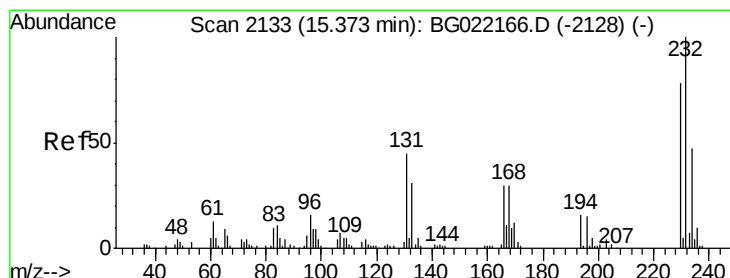
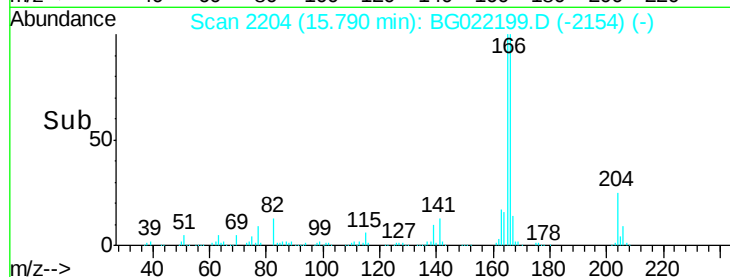
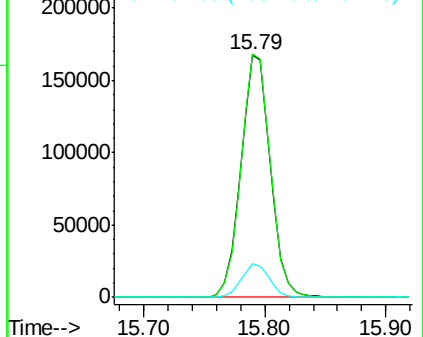
167 13.7 10.7 16.1



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.05 ng

RT: 15.37 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Tgt Ion:232 Resp: 61500

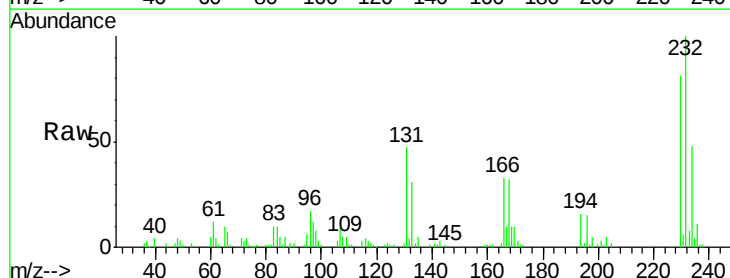
Ion Ratio Lower Upper

232 100

131 45.7 36.3 54.5

130 2.3 1.9 2.9

166 32.9 25.0 37.4

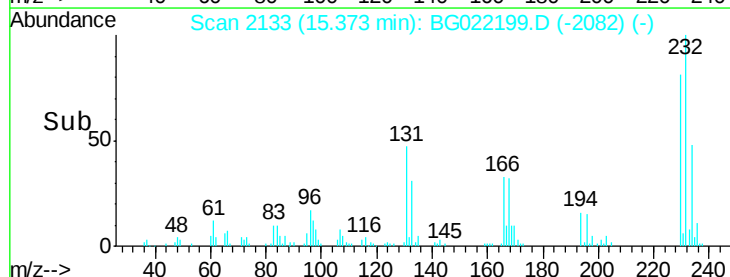
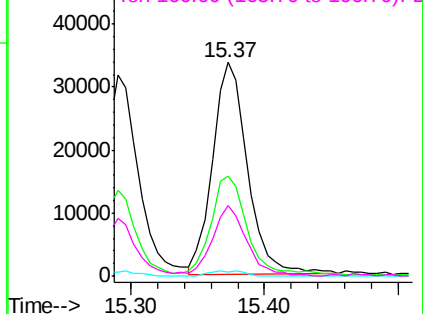


Abundance Ion 232.00 (231.70 to 232.70): E

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

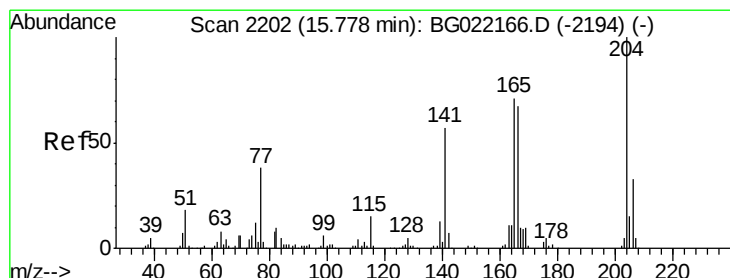
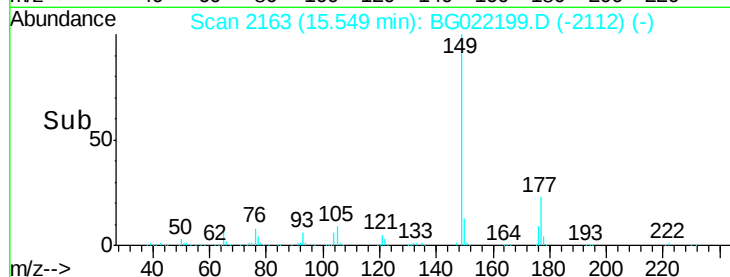
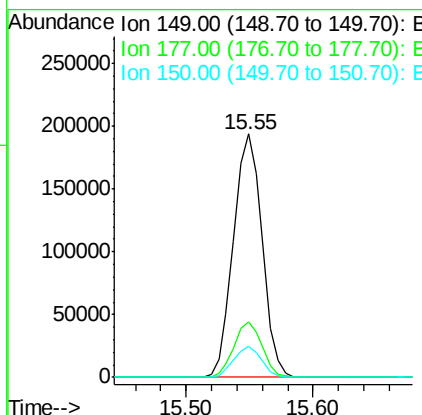
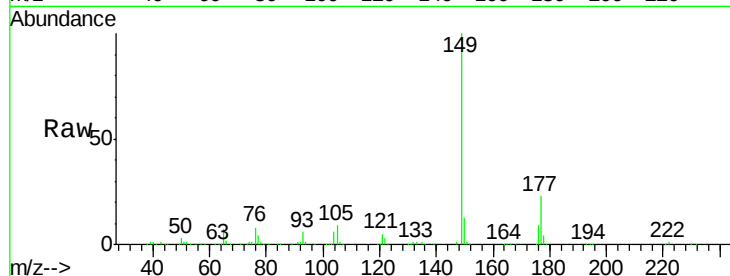




#59
Diethylphthalate
Concen: 38.93 ng
RT: 15.55 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

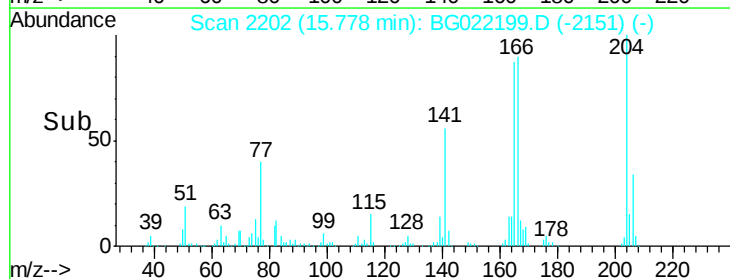
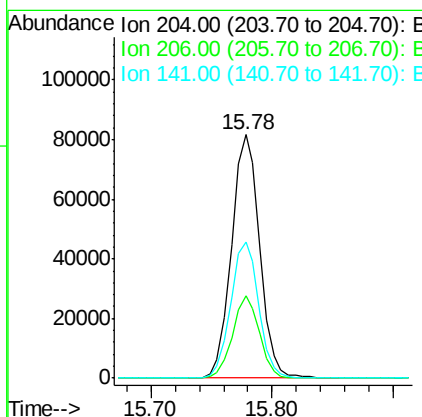
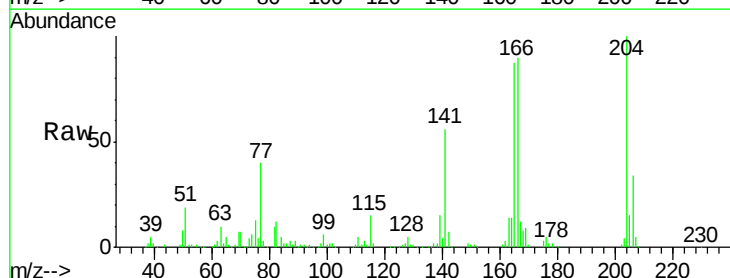
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

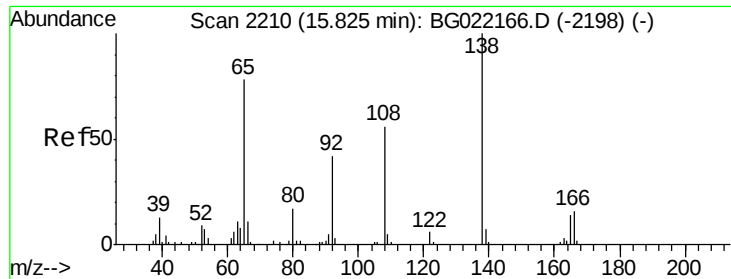
Tgt Ion:149 Resp: 301954
Ion Ratio Lower Upper
149 100
177 22.8 17.3 25.9
150 12.9 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 40.88 ng
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:204 Resp: 132166
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.8
141 55.9 51.0 76.4

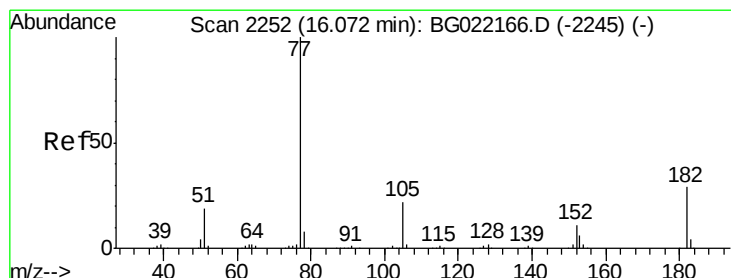
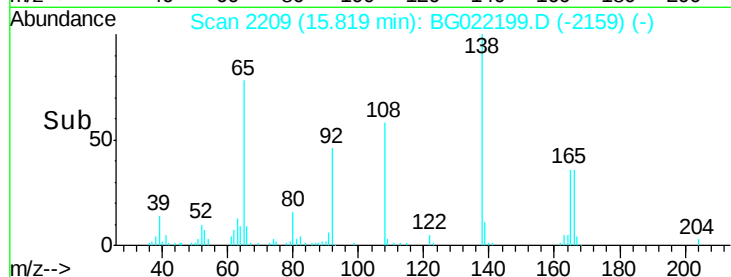
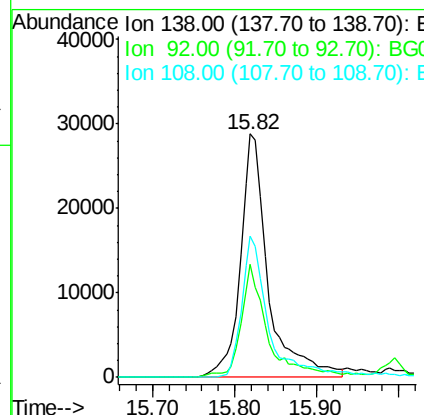
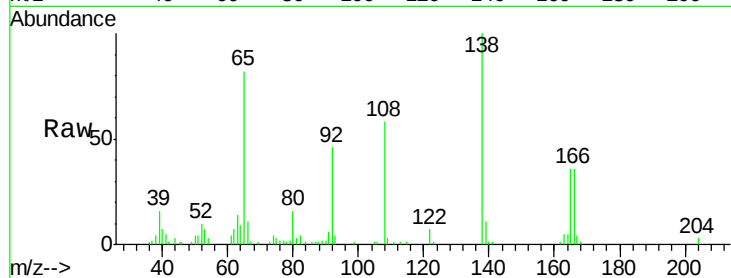




#61
4-Nitroaniline
Concen: 36.84 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

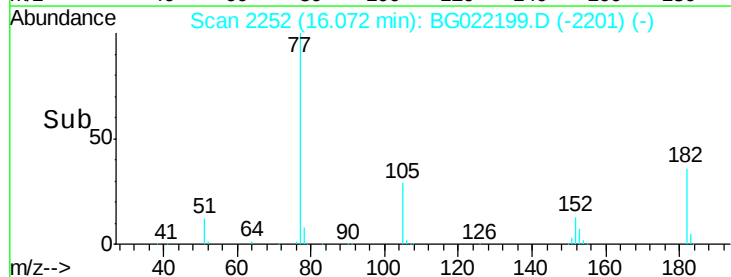
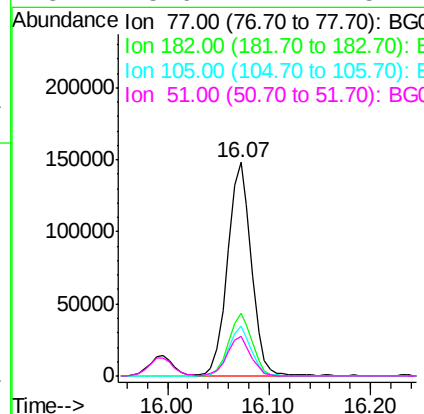
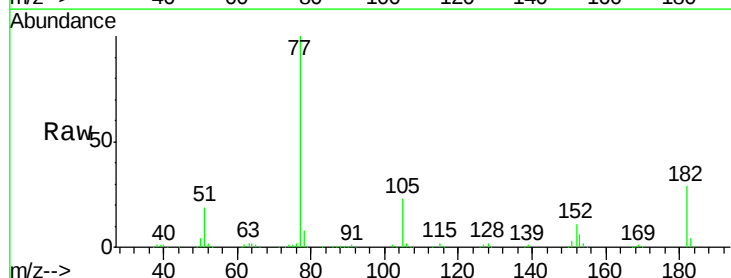
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

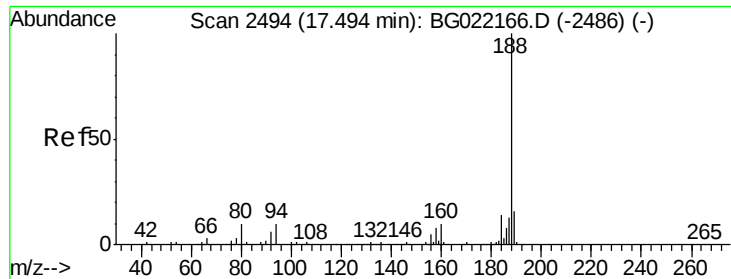
Tgt Ion:138 Resp: 68401
Ion Ratio Lower Upper
138 100
92 46.3 37.7 77.7
108 57.9 59.4 99.4#



#62
Azobenzene
Concen: 40.78 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion: 77 Resp: 239502
Ion Ratio Lower Upper
77 100
182 29.3 4.1 44.1
105 23.2 0.0 39.8
51 18.6 11.1 51.1

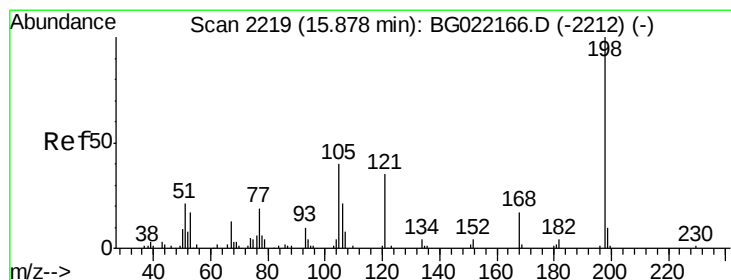
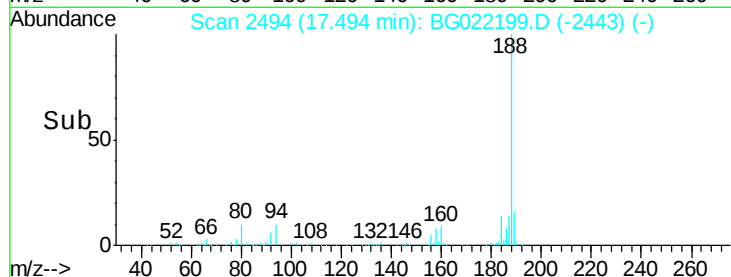
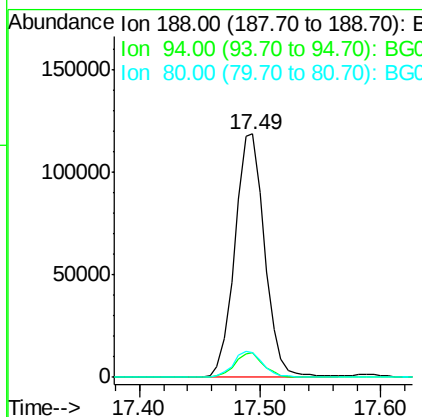
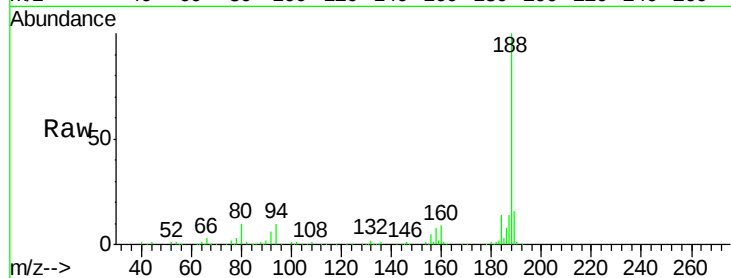




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

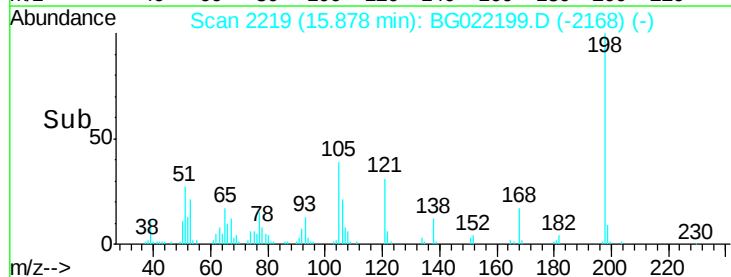
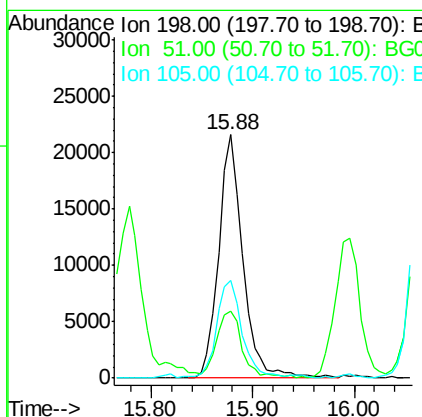
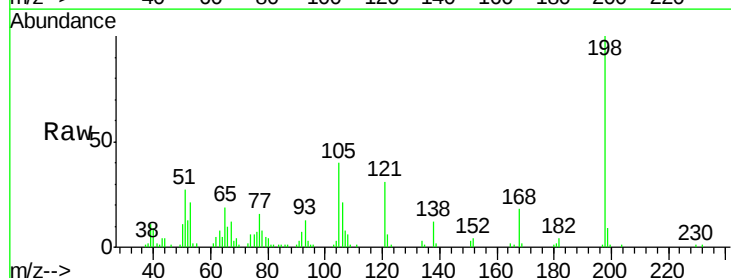
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

Tgt Ion:188 Resp: 204348
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.0 8.6 13.0



#64
4,6-Dinitro-2-methylphenol
Concen: 36.15 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:198 Resp: 35878
Ion Ratio Lower Upper
198 100
51 27.5 29.2 69.2#
105 40.4 24.0 64.0

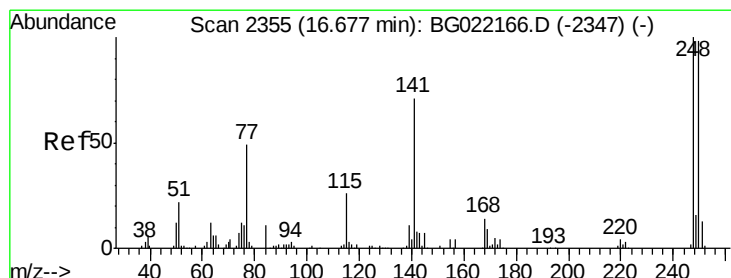
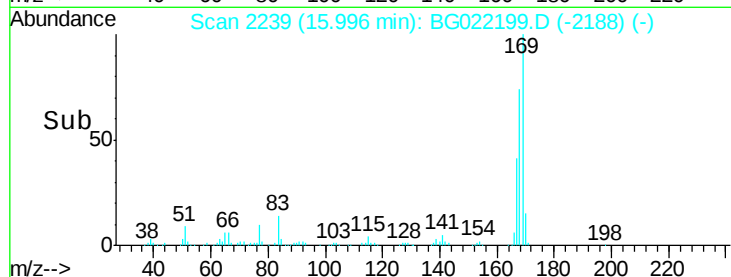
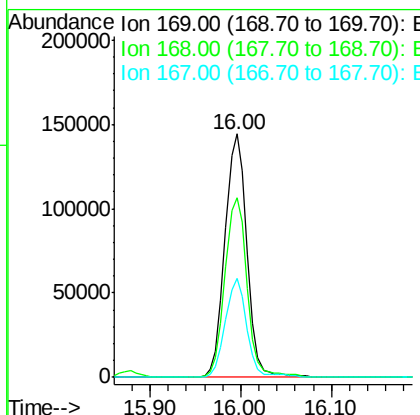
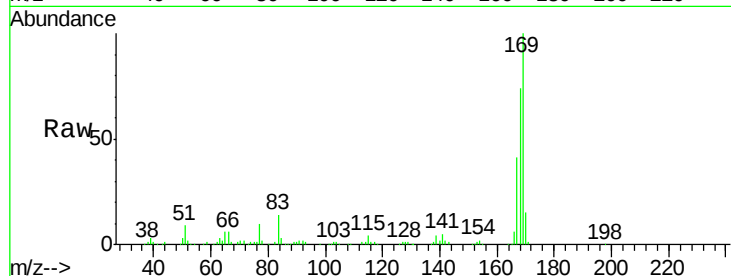




#65
n-Nitrosodiphenylamine
Concen: 41.33 ng
RT: 16.00 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

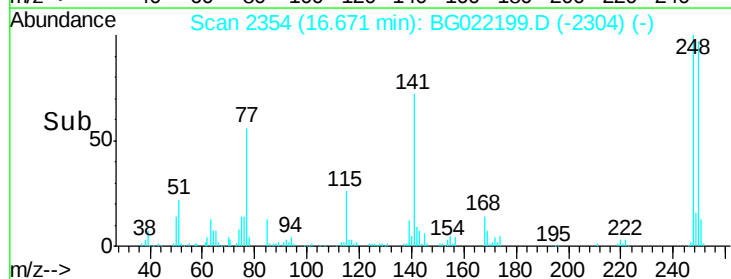
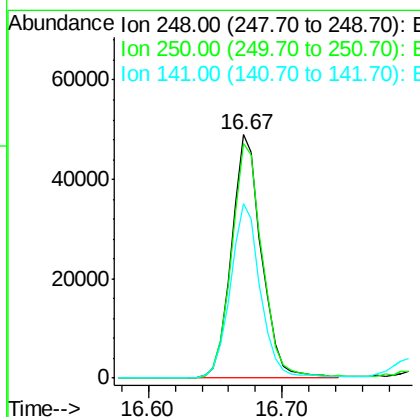
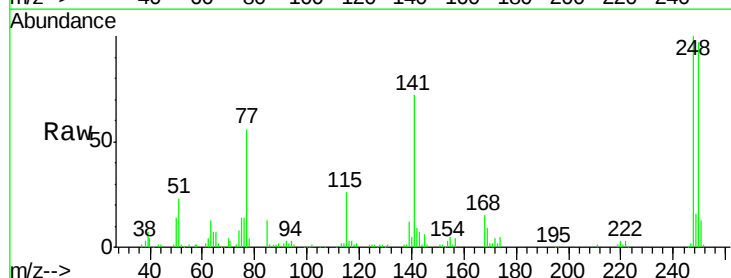
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

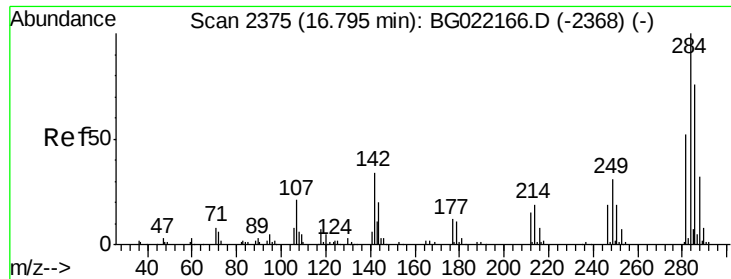
Tgt Ion	Resp	Lower	Upper
169	243304		
168	73.9	59.6	89.4
167	40.5	31.2	46.8



#66
4-Bromophenyl-phenylether
Concen: 40.02 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion	Resp	Lower	Upper
248	76634		
250	96.6	76.6	114.8
141	71.9	63.8	95.6

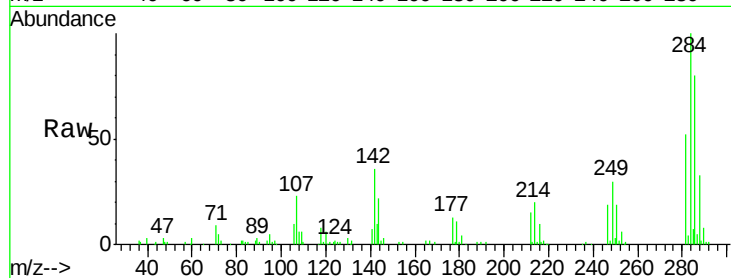




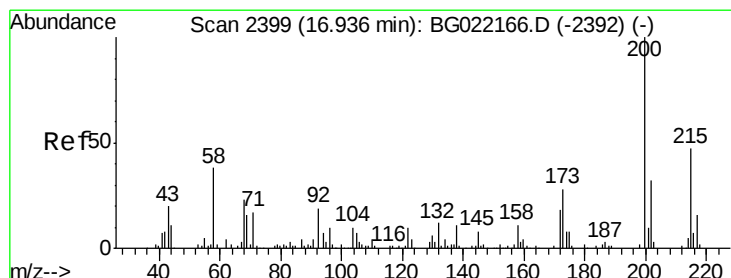
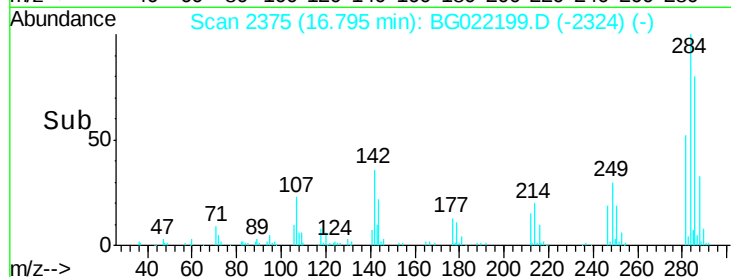
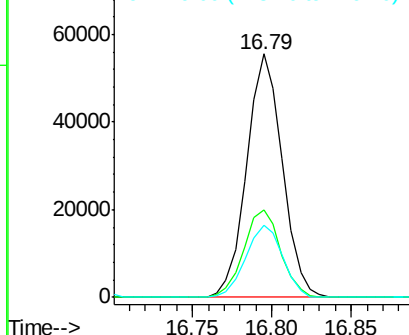
#67
Hexachlorobenzene
Concen: 38.90 ng
RT: 16.79 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

Tgt Ion:284 Resp: 86822
Ion Ratio Lower Upper
284 100
142 35.9 31.8 47.6
249 29.9 27.3 40.9

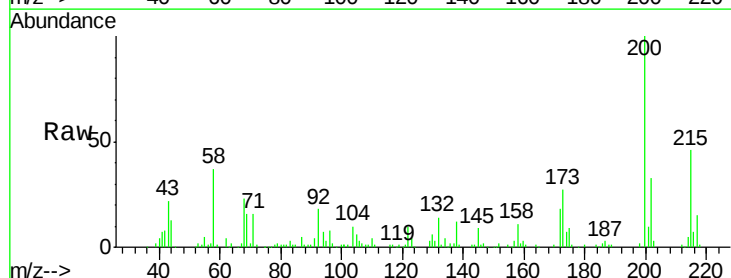


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

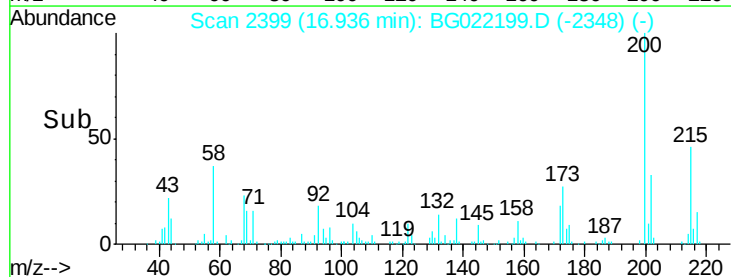
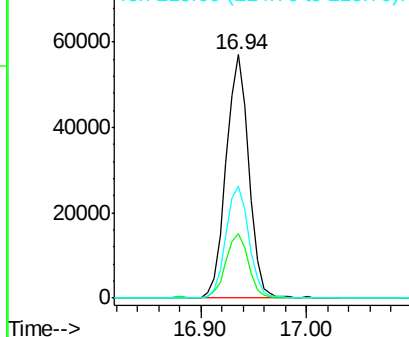


#68
Atrazine
Concen: 38.74 ng
RT: 16.94 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion:200 Resp: 84413
Ion Ratio Lower Upper
200 100
173 26.6 5.1 45.1
215 45.9 28.0 68.0



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

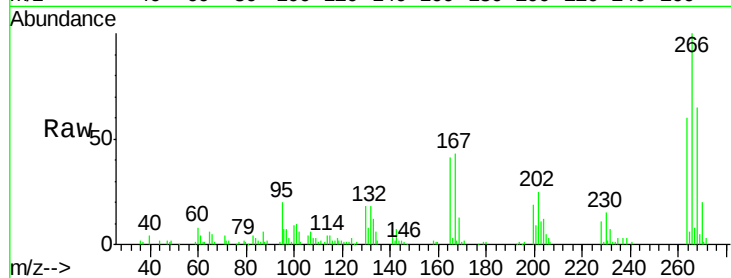




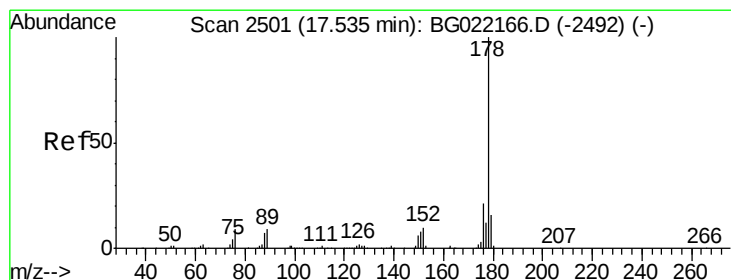
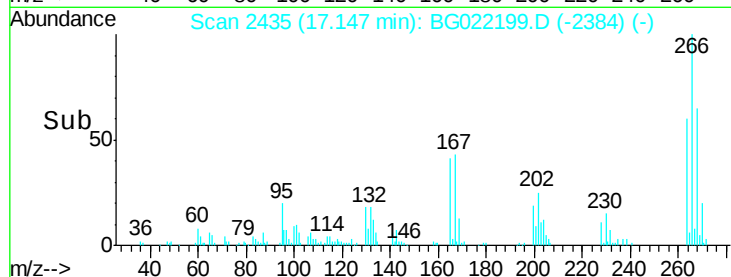
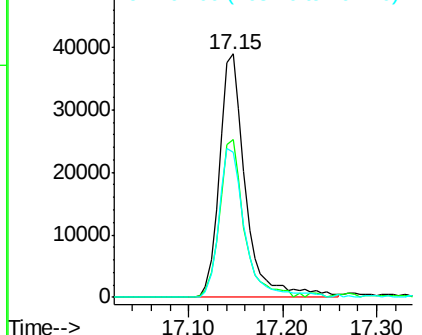
#69
 Pentachlorophenol
 Concen: 74.88 ng
 RT: 17.15 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Tgt Ion:266 Resp: 75279
 Ion Ratio Lower Upper
 266 100
 268 69.6 54.5 81.7
 264 65.6 53.8 80.6

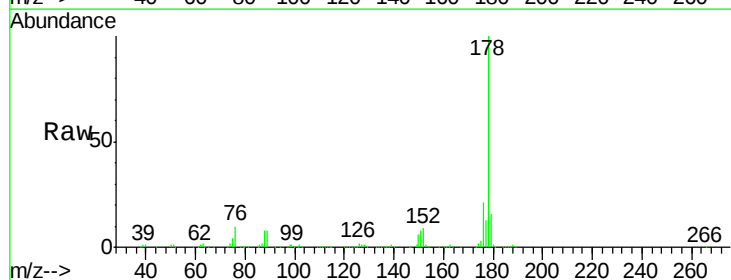


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

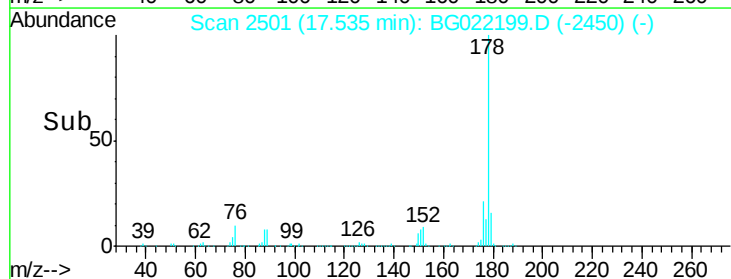
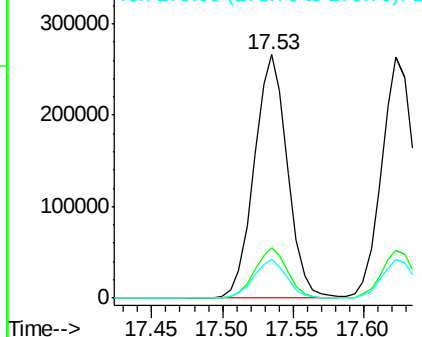


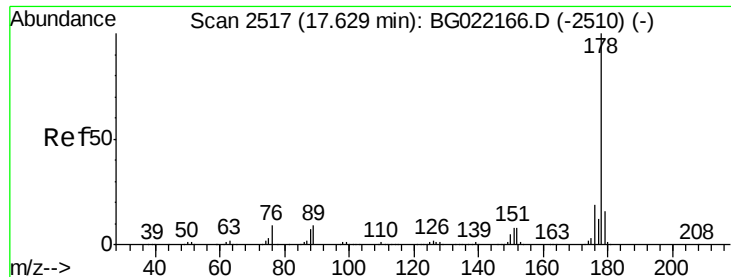
#70
 Phenanthrene
 Concen: 39.63 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:178 Resp: 439903
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.4
 179 16.1 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

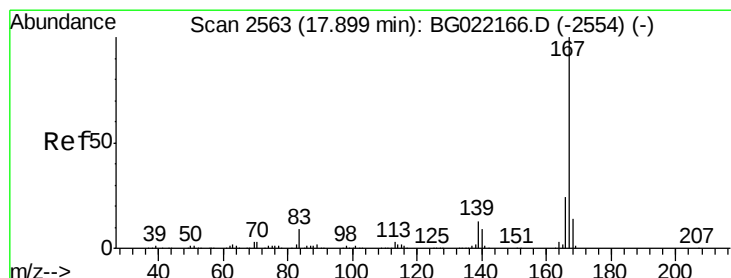
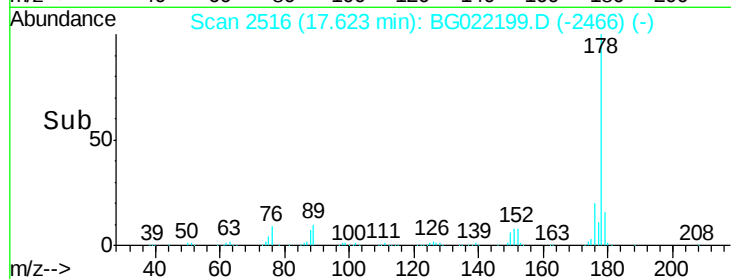
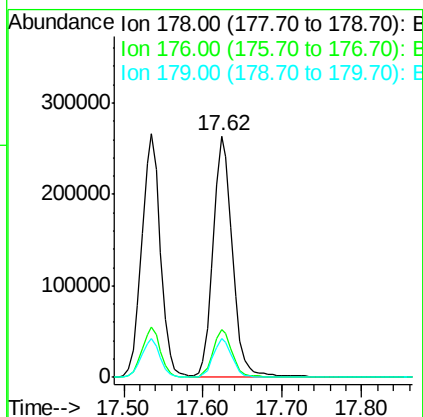
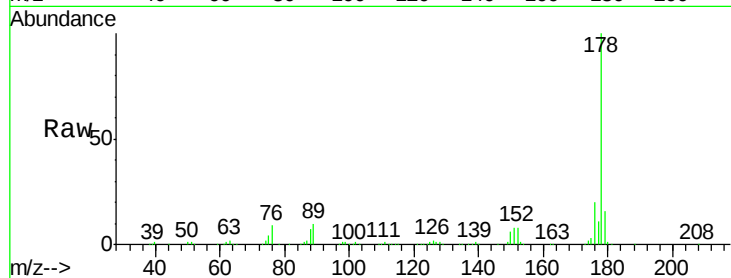




#71
 Anthracene
 Concen: 40.39 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

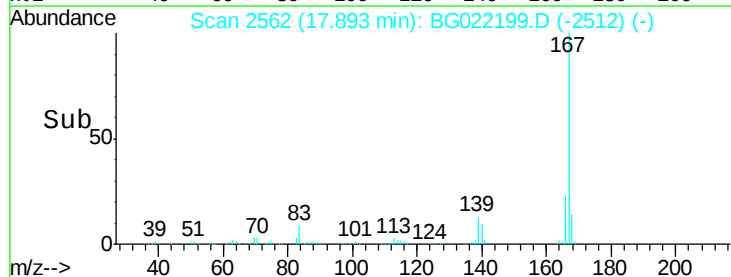
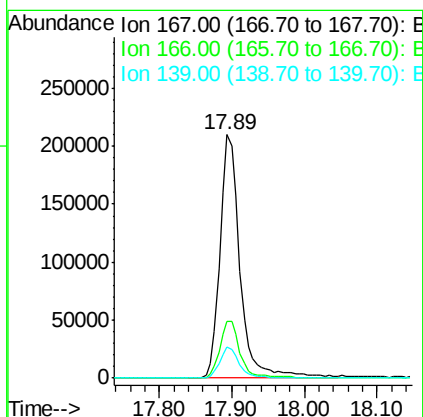
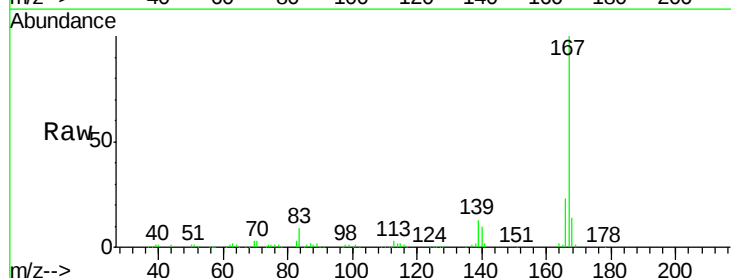
Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

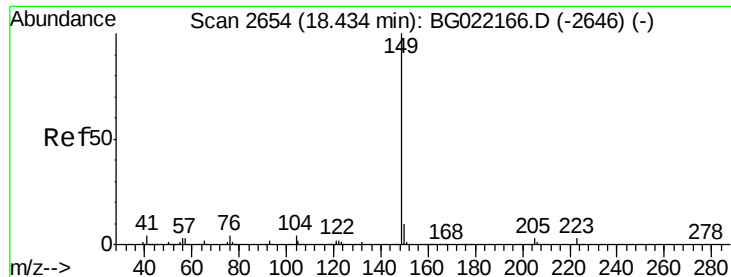
Tgt Ion:178 Resp: 444635
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.0 22.4
 179 16.0 12.2 18.4



#72
 Carbazole
 Concen: 38.99 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:167 Resp: 406440
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.6 27.8
 139 13.0 10.6 15.8





#73

Di-n-butylphthalate

Concen: 39.16 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

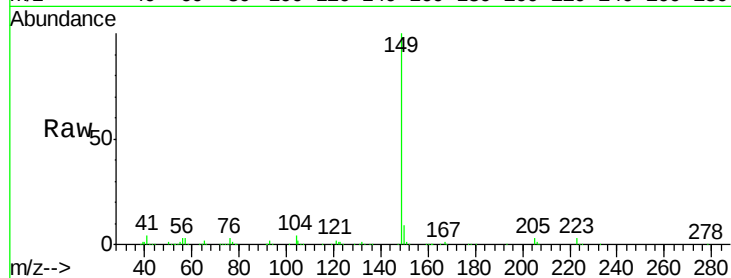
Tgt Ion:149 Resp: 533763

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

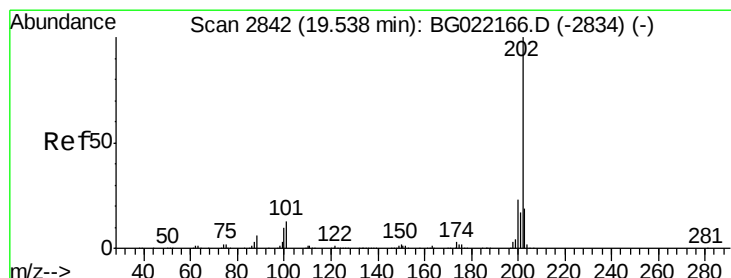
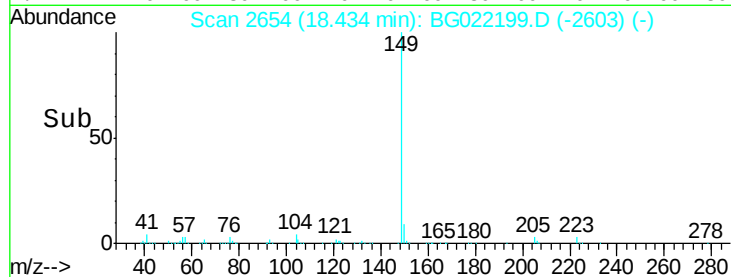
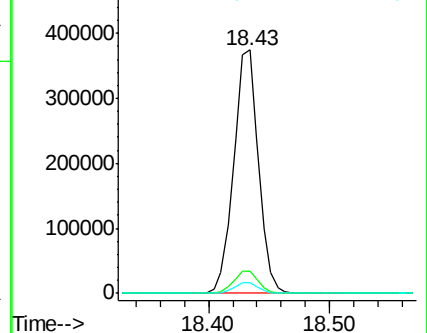
104 4.3 4.0 6.0



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



#74

Fluoranthene

Concen: 38.69 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

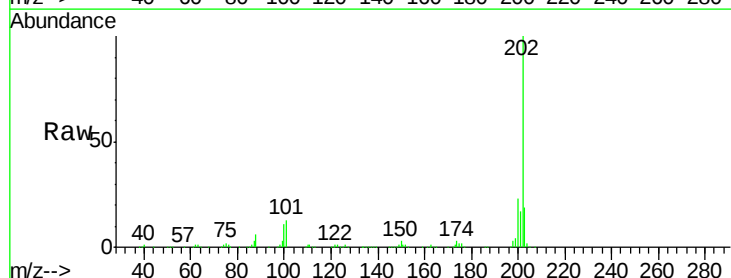
Tgt Ion:202 Resp: 493623

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.0

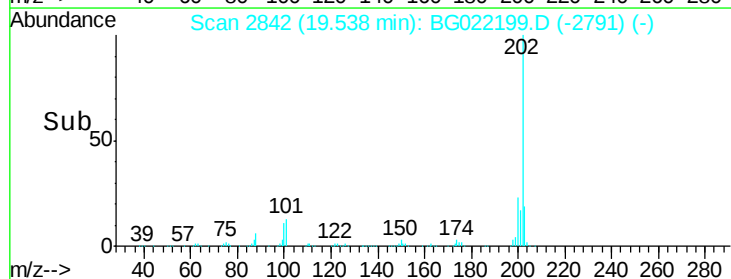
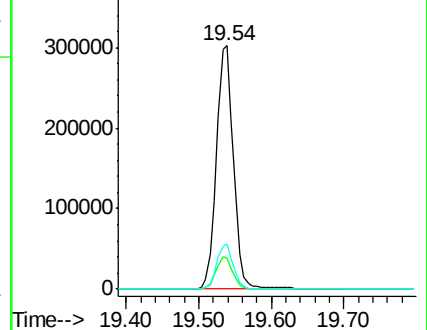
203 18.6 0.0 37.9

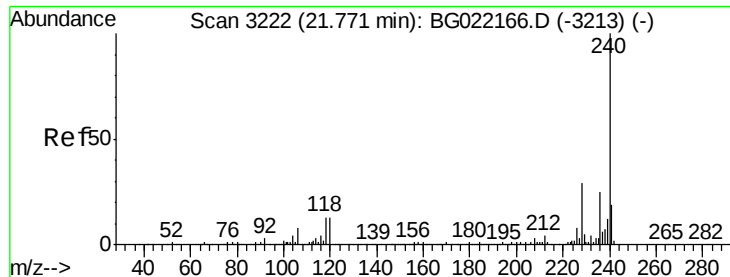


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

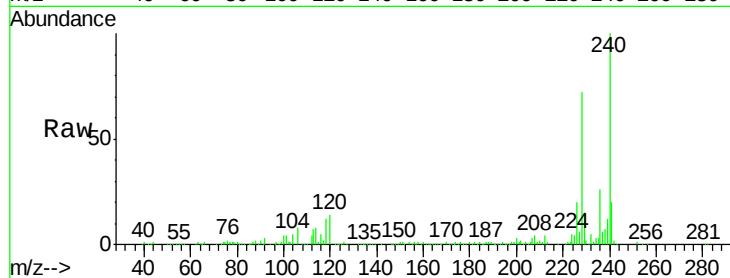
Tgt Ion:240 Resp: 192207

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

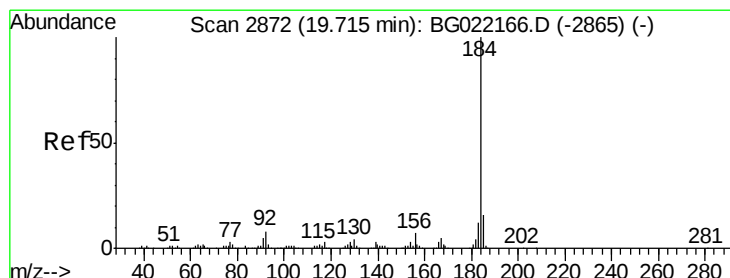
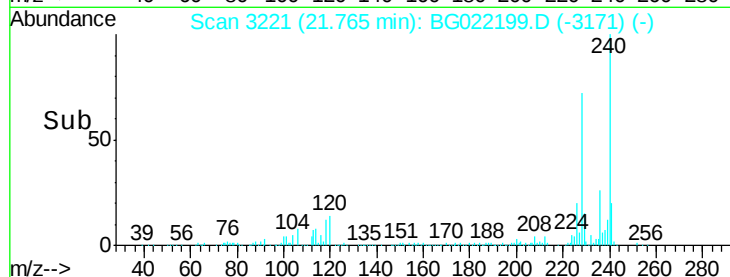
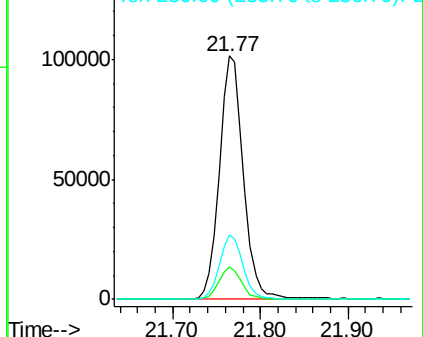
236 26.4 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.63 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

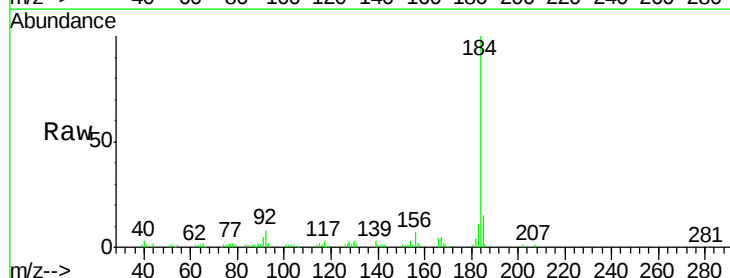
Tgt Ion:184 Resp: 128819

Ion Ratio Lower Upper

184 100

185 15.2 11.5 17.3

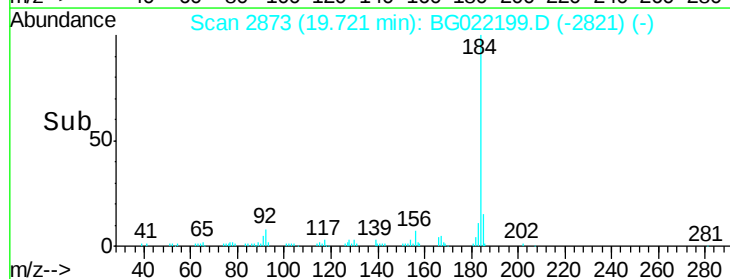
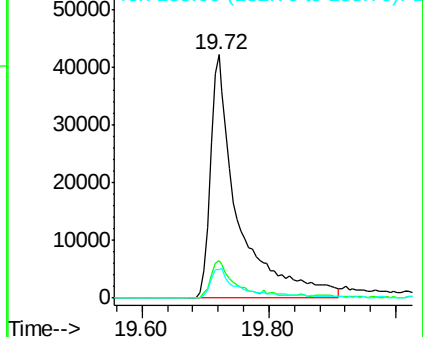
183 11.5 10.2 15.4

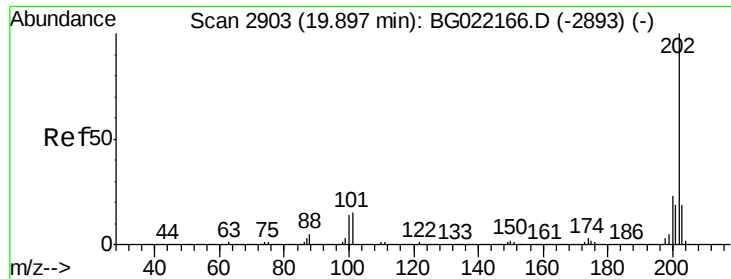


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

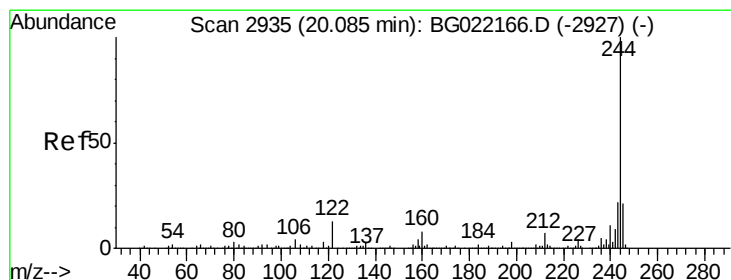
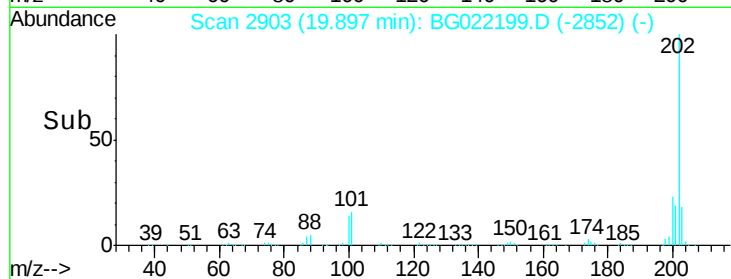
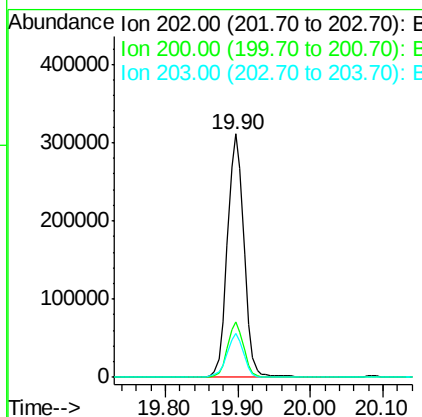
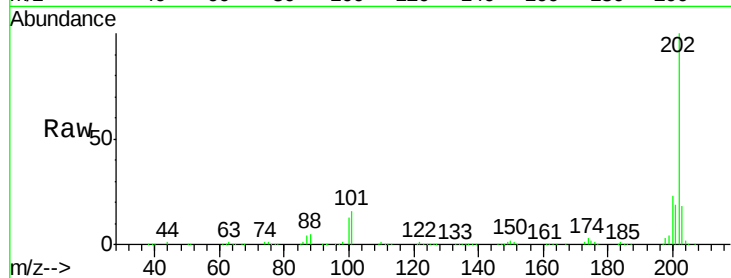




#77
 Pyrene
 Concen: 41.17 ng
 RT: 19.90 min Scan# 2903
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

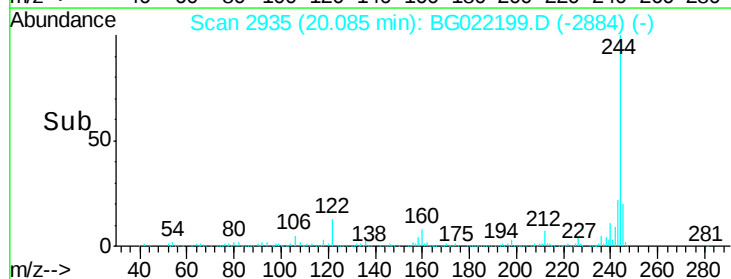
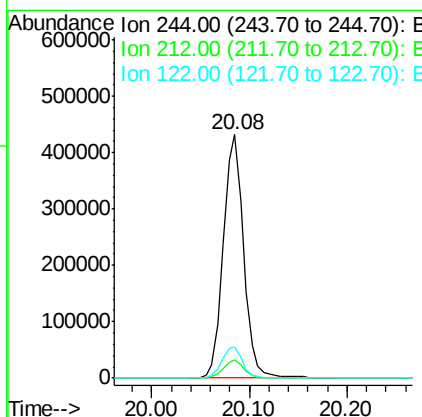
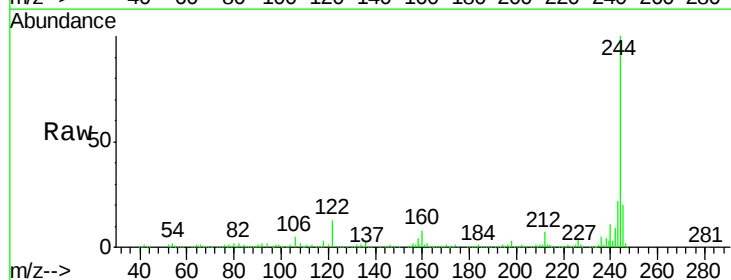
Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

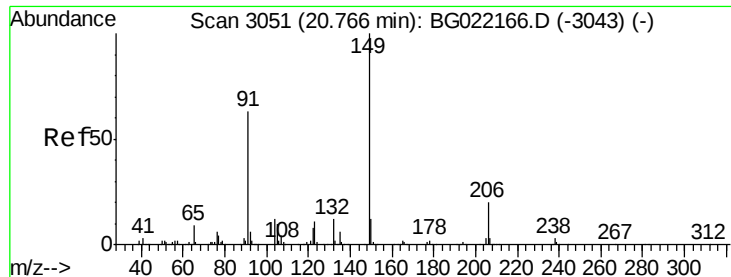
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	18.1	15.0	22.4



#78
 Terphenyl-d14
 Concen: 77.33 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	12.6	8.6	12.8

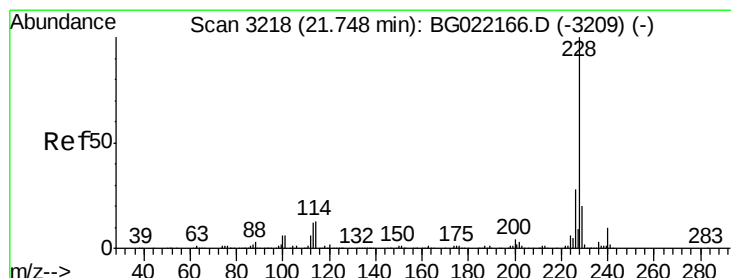
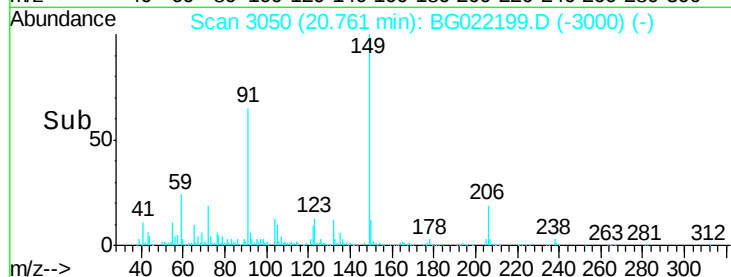
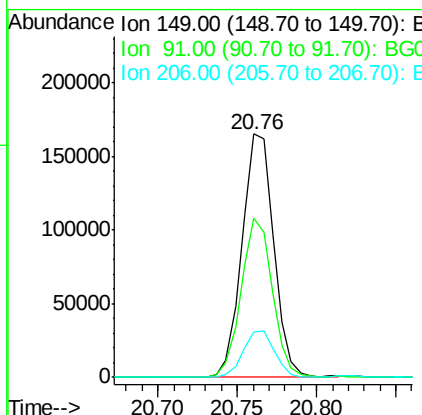
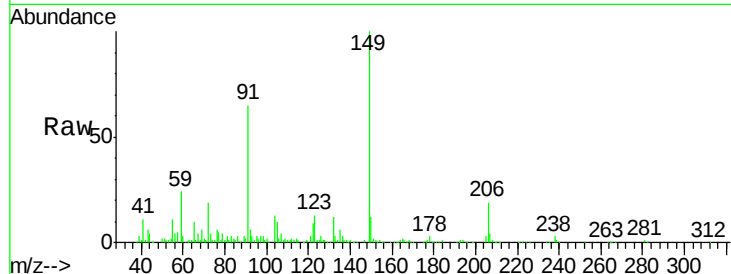




#79
Butylbenzylphthalate
Concen: 41.52 ng
RT: 20.76 min Scan# 3050
Delta R.T. -0.01 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

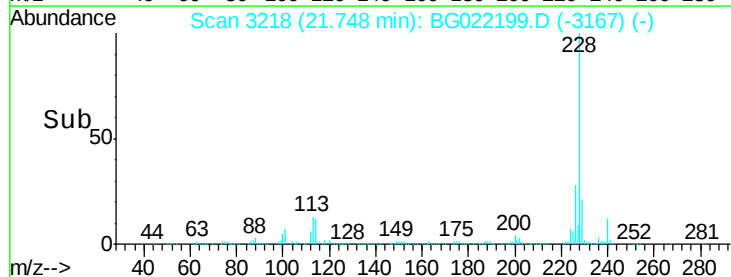
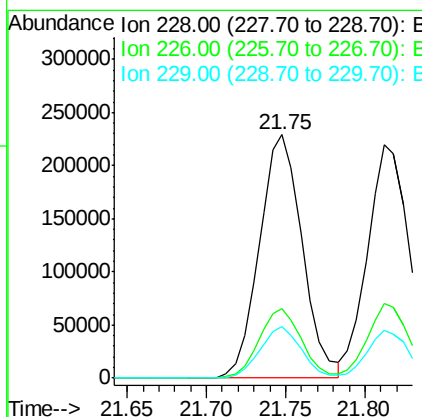
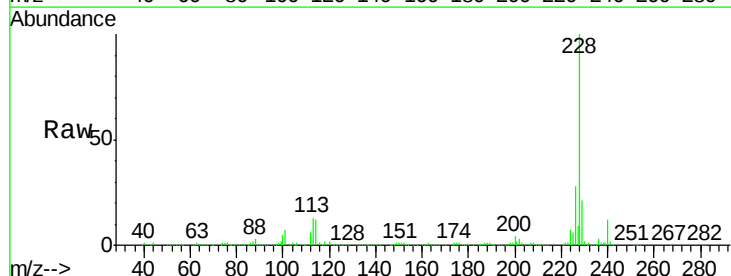
Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

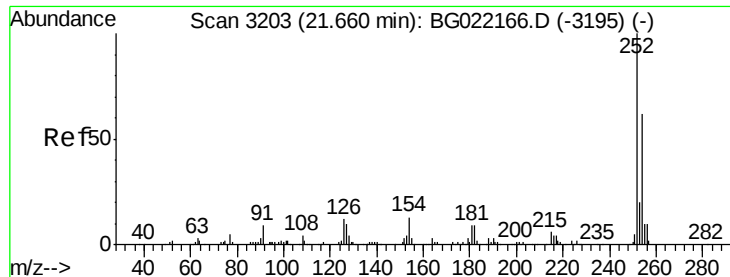
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	57.8	86.8
206	18.6	17.0	25.4



#80
Benzo(a)anthracene
Concen: 39.87 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022199.D
Acq: 7 Jun 2016 11:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	21.1	16.1	24.1

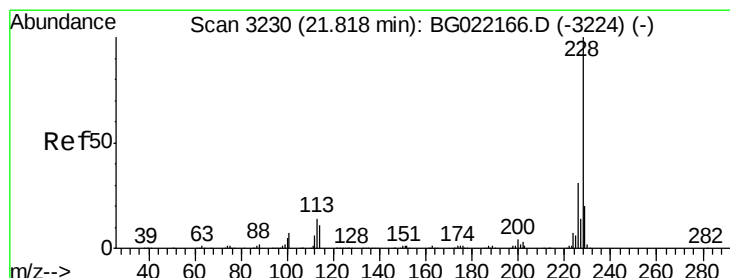
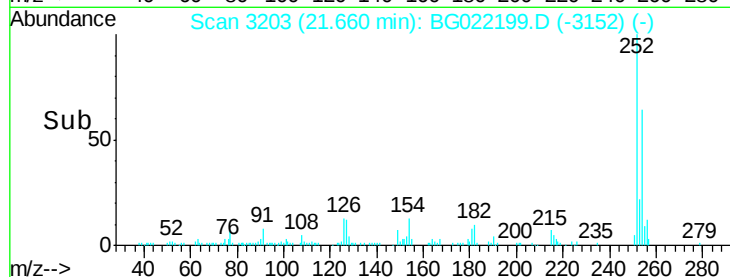
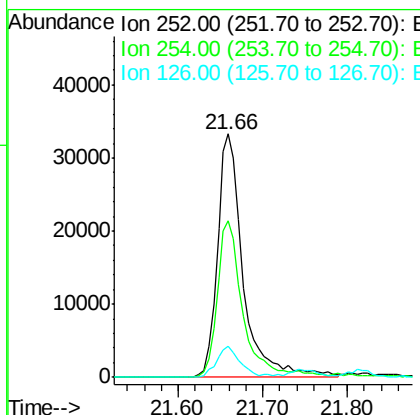
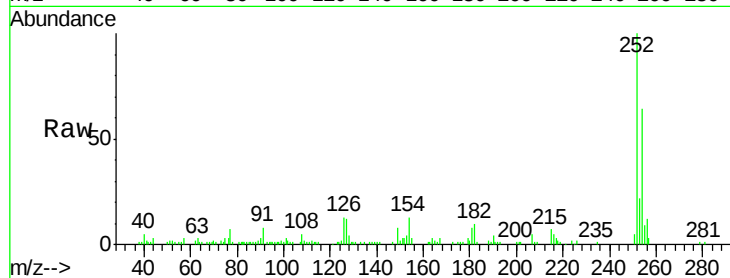




#81
 3,3'-Dichlorobenzidine
 Concen: 23.27 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

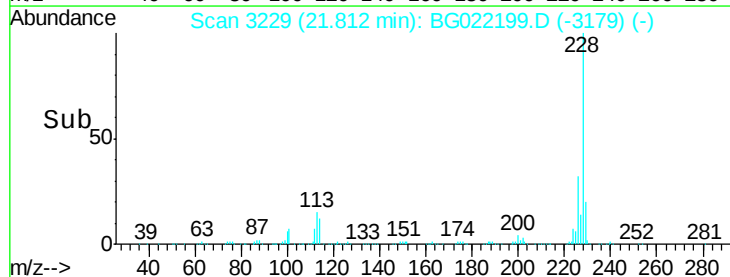
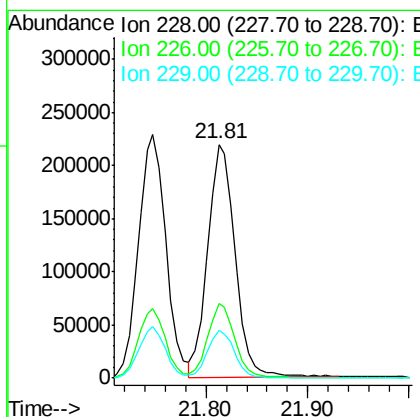
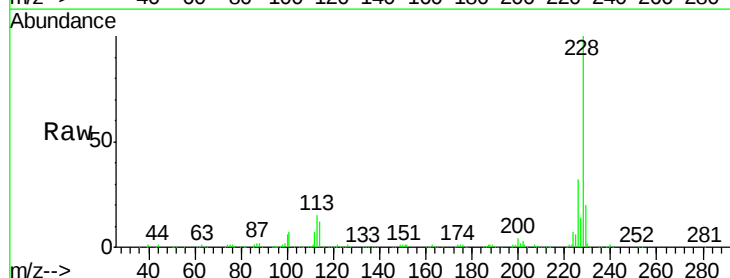
Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

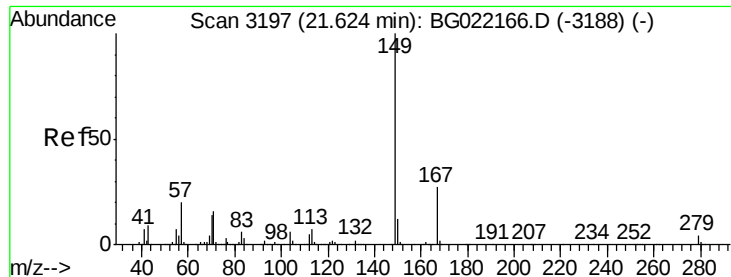
Tgt Ion:252 Resp: 70410
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.8 77.6
 126 13.0 8.8 13.2



#82
 Chrysene
 Concen: 39.10 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:228 Resp: 410065
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.0
 229 20.5 15.9 23.9

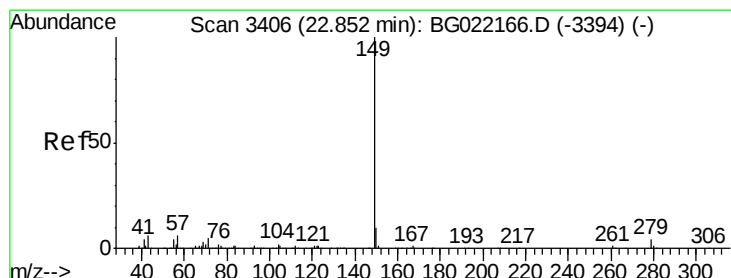
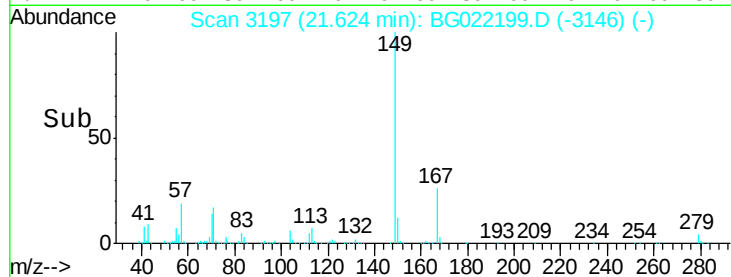
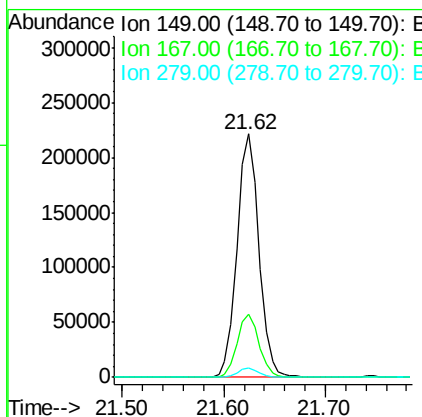
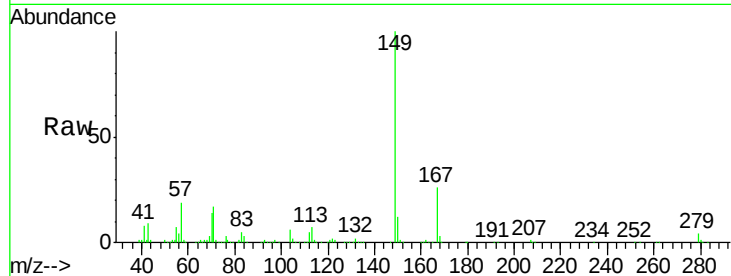




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.85 ng
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

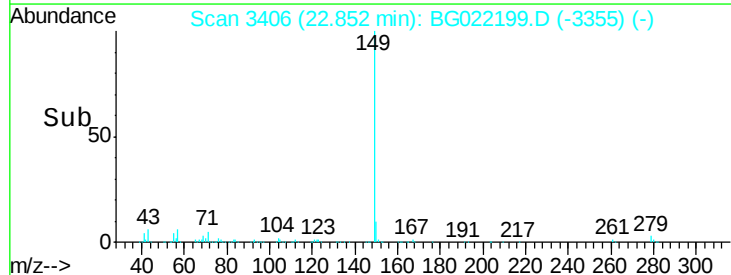
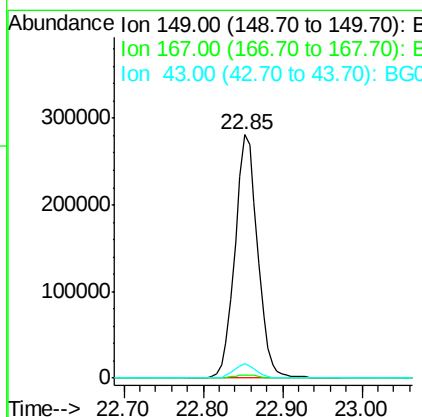
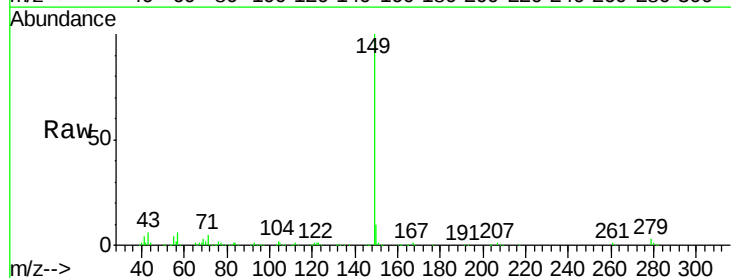
Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

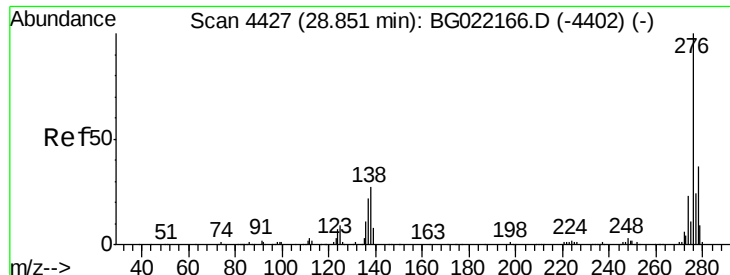
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.4	33.6
279	4.0	3.2	4.8



#84
 Di-n-octyl phthalate
 Concen: 41.12 ng
 RT: 22.85 min Scan# 3406
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.9	9.8	14.6#

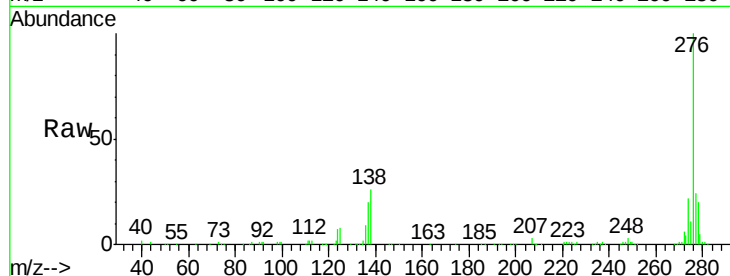




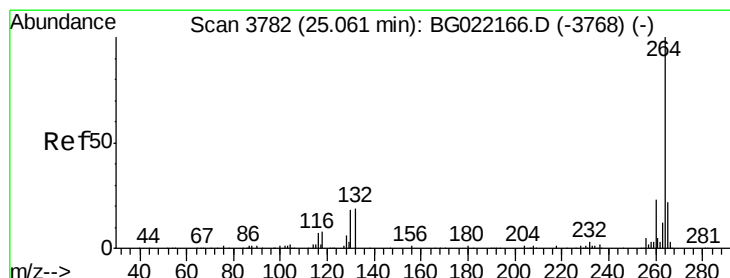
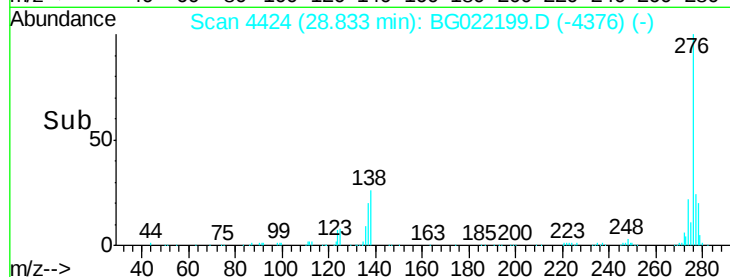
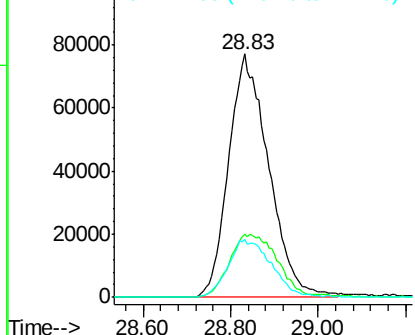
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.80 ng
 RT: 28.83 min Scan# 4424
 Delta R.T. -0.02 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MSD

Tgt Ion:276 Resp: 480023
 Ion Ratio Lower Upper
 276 100
 138 12.6 14.0 21.0#
 277 25.6 20.6 30.8

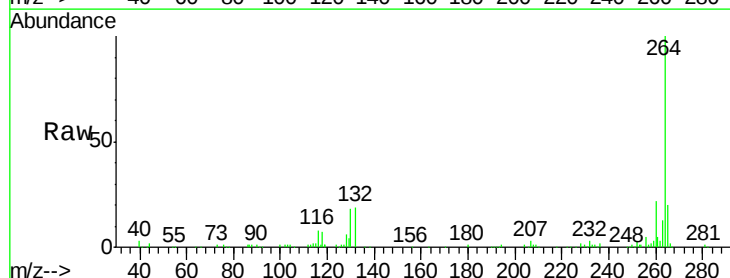


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

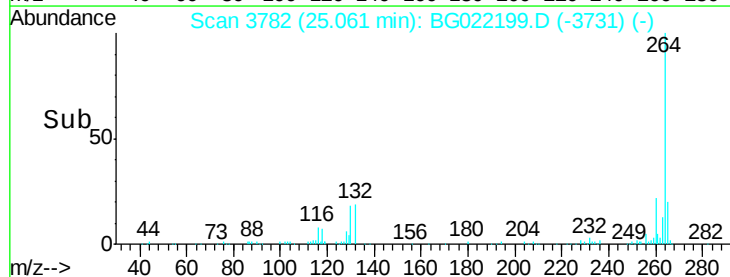
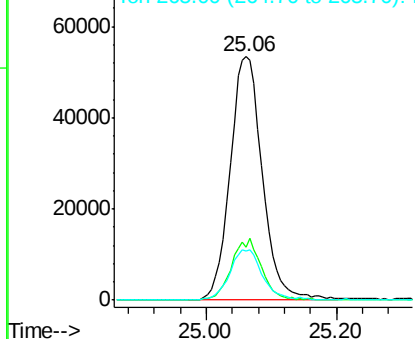


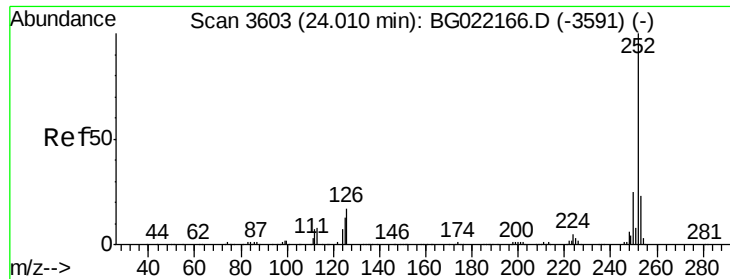
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.00 min
 Lab File: BG022199.D
 Acq: 7 Jun 2016 11:20

Tgt Ion:264 Resp: 182838
 Ion Ratio Lower Upper
 264 100
 260 21.6 20.2 30.4
 265 20.2 17.8 26.8



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





#87

Benzo(b)fluoranthene

Concen: 40.24 ng

RT: 24.01 min Scan# 3603

Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

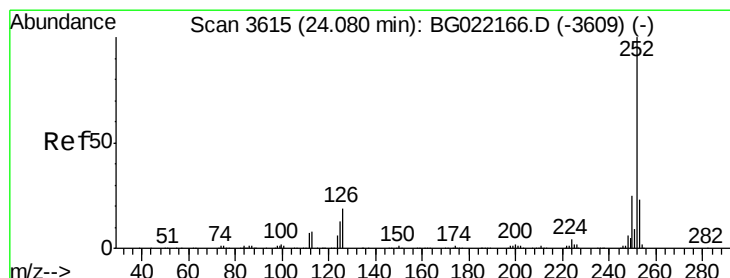
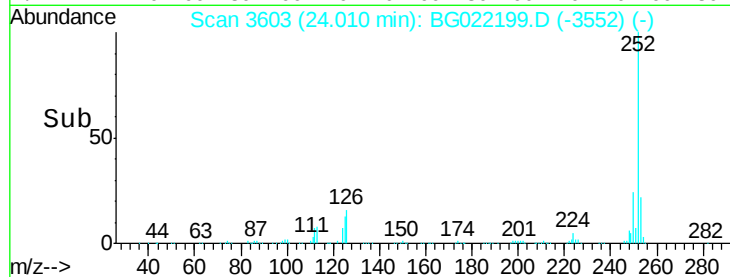
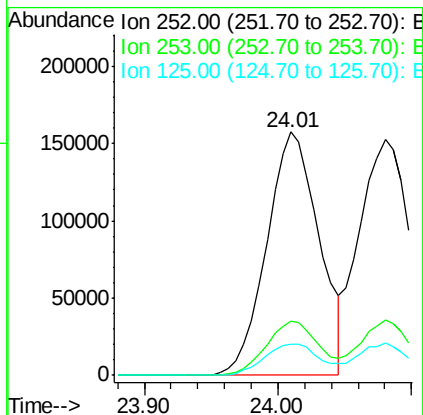
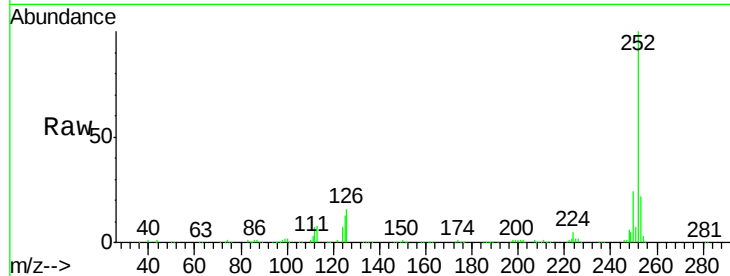
Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

Tgt Ion:	252	Resp:	429076
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.8	8.6	13.0



#88

Benzo(k)fluoranthene

Concen: 39.49 ng

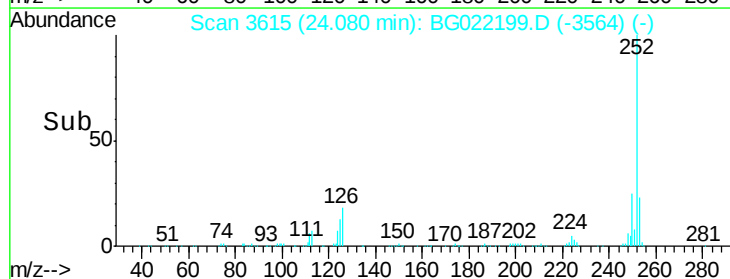
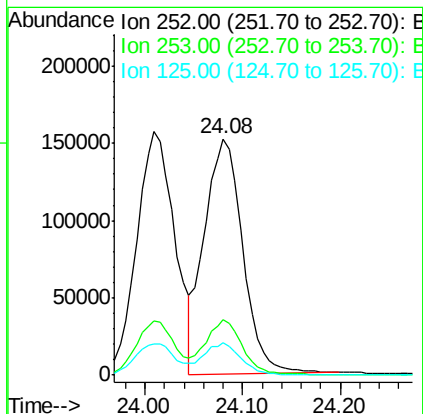
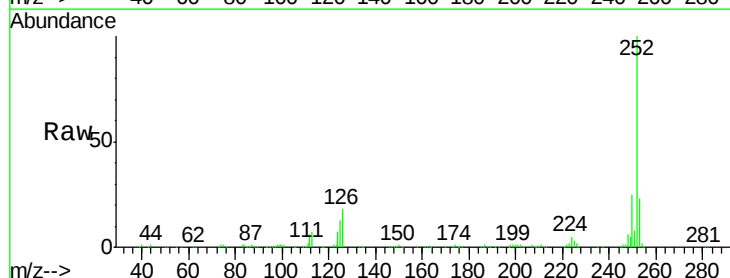
RT: 24.08 min Scan# 3615

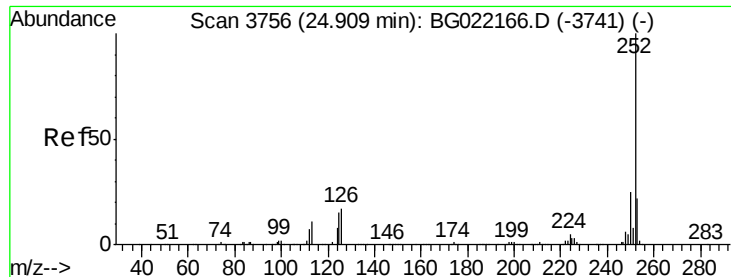
Delta R.T. -0.00 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Tgt Ion:	252	Resp:	414549
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	13.5	8.3	12.5#





#89

Benzo(a)pyrene

Concen: 40.17 ng

RT: 24.90 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD

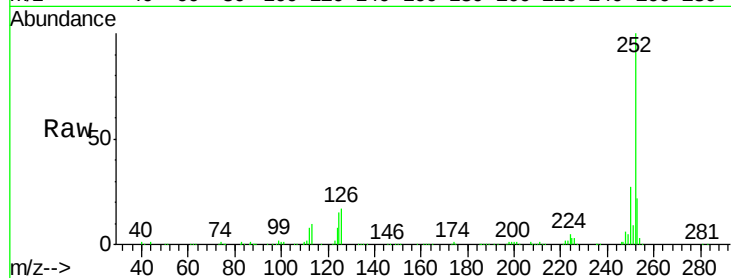
Tgt Ion:252 Resp: 409626

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

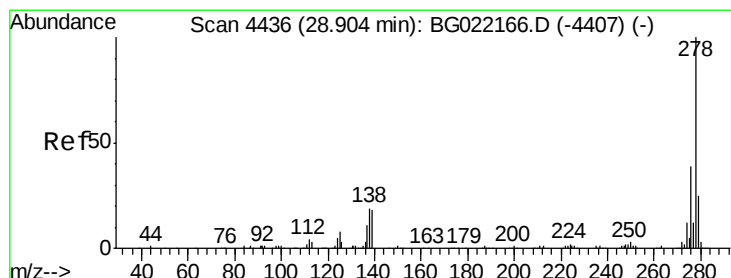
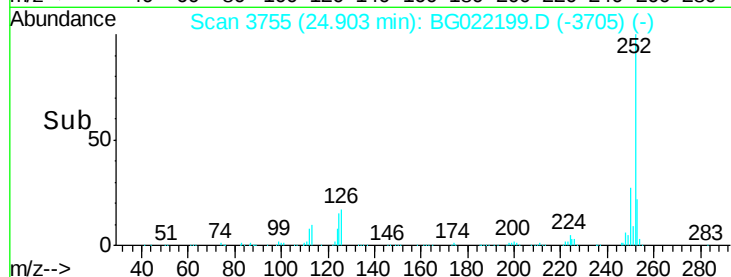
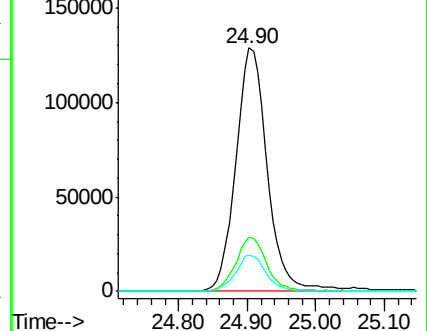
125 15.0 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.49 ng

RT: 28.89 min Scan# 4434

Delta R.T. -0.01 min

Lab File: BG022199.D

Acq: 7 Jun 2016 11:20

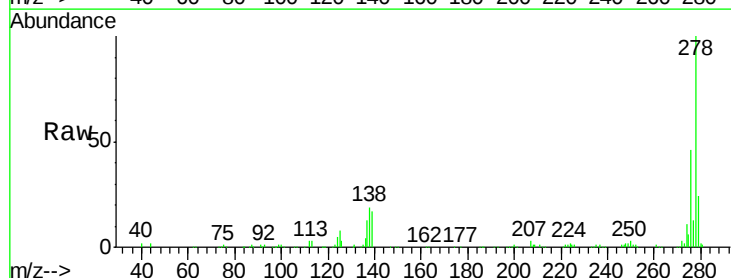
Tgt Ion:278 Resp: 398387

Ion Ratio Lower Upper

278 100

139 17.3 11.9 17.9

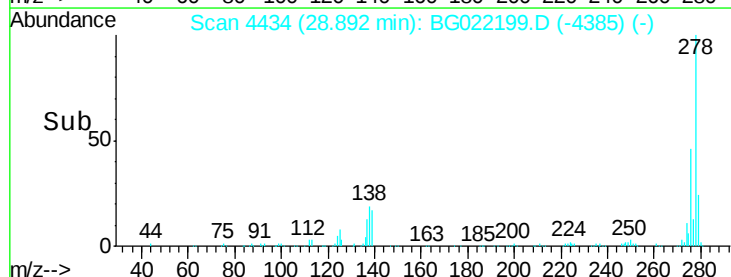
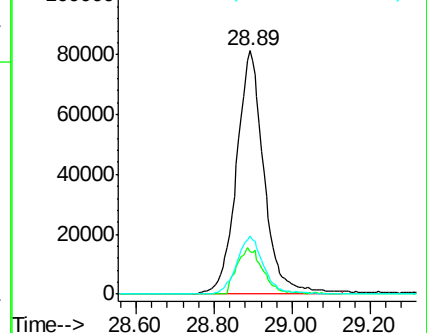
279 23.7 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.53 ng

RT: 30.03 min Scan# 4627

Delta R.T. 0.00 min

Lab File: BG022199.D

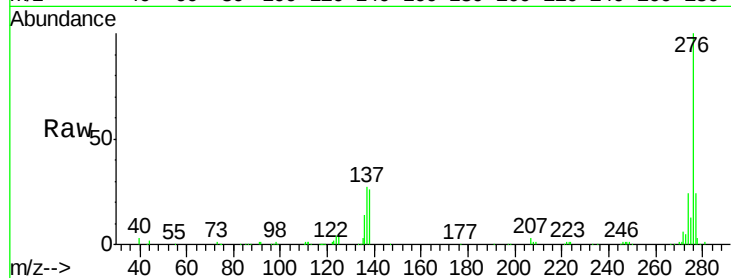
Acq: 7 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MSD



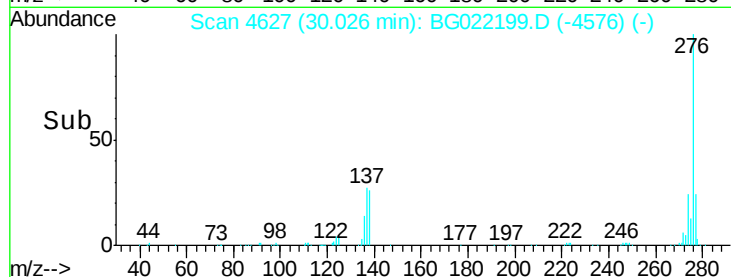
Tgt Ion:276 Resp: 394910

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 26.1 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

