

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022477.D
 Acq On : 21 Jun 2016 22:14
 Operator : UM/SJ
 Sample : PB91508BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

Quant Time: Jun 22 01:48:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	20013	20.00	ng	-0.11
21) Naphthalene-d8	10.80	136	112623	20.00	ng	-0.10
38) Acenaphthene-d10	14.63	164	68986	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	152902	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	131380	20.00	ng	-0.10
86) Perylene-d12	24.84	264	115997	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	169569	163.82	ng	-0.10
7) Phenol-d6	7.17	99	268682	165.09	ng	-0.08
23) Nitrobenzene-d5	9.16	82	141294	87.47	ng	-0.10
41) 2,4,6-Tribromophenol	16.13	330	78329	100.49	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	384151	84.86	ng	-0.09
78) Terphenyl-d14	19.98	244	501122	90.56	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	15483	31.20	ng	# 68
3) Pyridine	3.75	79	47039	35.07	ng	98
4) n-Nitrosodimethylamine	3.66	42	12998	43.34	ng	94
6) Aniline	7.31	93	62485	30.22	ng	# 80
8) 2-Chlorophenol	7.55	128	71290	49.83	ng	# 82
10) Phenol	7.19	94	89482	53.33	ng	82
11) bis(2-Chloroethyl)ether	7.40	93	58805	43.96	ng	# 71
12) 1,3-Dichlorobenzene	7.86	146	61931	40.38	ng	# 92
13) 1,4-Dichlorobenzene	8.02	146	62774	41.08	ng	93
14) 1,2-Dichlorobenzene	8.33	146	61989	40.25	ng	98
15) Benzyl Alcohol	8.23	79	48003	45.65	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.52	45	66762	48.10	ng	82
17) 2-Methylphenol	8.46	107	64913	51.84	ng	# 86
18) Hexachloroethane	9.06	117	24455	43.83	ng	# 81
19) n-Nitroso-di-n-propylamine	8.79	70	51079	46.37	ng	# 70
20) 3+4-Methylphenols	8.79	107	89843	50.02	ng	97
22) Acetophenone	8.82	105	99903	41.16	ng	# 82
24) Nitrobenzene	9.20	77	71156	43.80	ng	# 85
25) Isophorone	9.72	82	153719	40.67	ng	94
26) 2-Nitrophenol	9.92	139	39256	44.56	ng	# 75
27) 2,4-Dimethylphenol	9.99	122	73519	46.11	ng	92
28) bis(2-Chloroethoxy)methane	10.20	93	97040	44.82	ng	94
29) 2,4-Dichlorophenol	10.47	162	66106	44.76	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	63455	38.45	ng	92
31) Naphthalene	10.85	128	233469	41.53	ng	96
32) Benzoic acid	10.16	122	26274	47.97	ng	# 85
33) 4-Chloroaniline	10.98	127	22843	9.77	ng	# 90
34) Hexachlorobutadiene	11.13	225	31052	35.05	ng	97
35) Caprolactam	11.76	113	14491	17.88	ng	# 40
36) 4-Chloro-3-methylphenol	12.12	107	83516	47.70	ng	87
37) 2-Methylnaphthalene	12.46	142	167607	40.39	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	67103	37.79	ng	97
40) Hexachlorocyclopentadiene	12.79	237	26128	32.15	ng	98
42) 2,4,6-Trichlorophenol	13.08	196	49706	41.72	ng	94

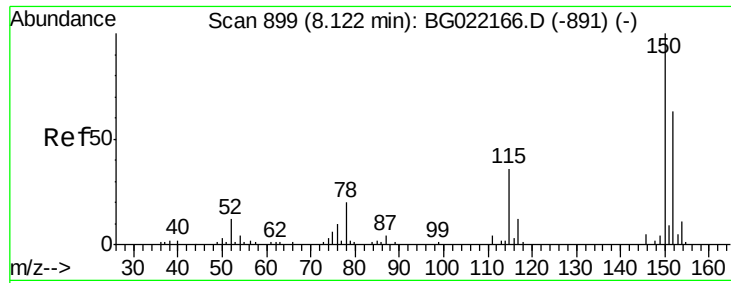
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022477.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	52116	39.60	ng	98
45) 1,1'-Biphenyl	13.46	154	227252	43.77	ng	95
46) 2-Chloronaphthalene	13.51	162	174203	43.77	ng	97
47) 2-Nitroaniline	13.73	65	43091	45.41	ng	# 51
48) Acenaphthylene	14.36	152	304437	43.60	ng	96
49) Dimethylphthalate	14.09	163	236553	41.36	ng	99
50) 2,6-Dinitrotoluene	14.22	165	53006	42.63	ng	# 82
51) Acenaphthene	14.70	154	179479	42.90	ng	95
52) 3-Nitroaniline	14.56	138	23575	17.09	ng	# 88
53) 2,4-Dinitrophenol	14.78	184	34768	70.05	ng	# 77
54) Dibenzofuran	15.03	168	280761	43.00	ng	98
55) 4-Nitrophenol	14.91	139	58261	61.21	ng	# 75
56) 2,4-Dinitrotoluene	15.01	165	73907	44.31	ng	# 90
57) Fluorene	15.68	166	236717	42.09	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	40433	34.25	ng	90
59) Diethylphthalate	15.44	149	258306	42.28	ng	98
60) 4-Chlorophenyl-phenylether	15.67	204	103186	40.51	ng	97
61) 4-Nitroaniline	15.68	138	3664	2.50	ng	# 24
62) Azobenzene	15.96	77	217034	46.90	ng	88
64) 4,6-Dinitro-2-methylphenol	15.78	198	30238	40.03	ng	86
65) n-Nitrosodiphenylamine	15.88	169	202000	45.86	ng	97
66) 4-Bromophenyl-phenylether	16.56	248	58415	40.77	ng	98
67) Hexachlorobenzene	16.68	284	61899	37.07	ng	97
68) Atrazine	16.83	200	63645	39.04	ng	96
69) Pentachlorophenol	17.04	266	32651	46.25	ng	97
70) Phenanthrene	17.42	178	358613	43.18	ng	98
71) Anthracene	17.51	178	361908	43.94	ng	97
72) Carbazole	17.79	167	334007	42.82	ng	98
73) Di-n-butylphthalate	18.32	149	466182	45.71	ng	98
74) Fluoranthene	19.43	202	397768	41.66	ng	94
76) Benzidine	19.62	184	107215	31.21	ng	97
77) Pyrene	19.79	202	391844	47.98	ng	99
79) Butylbenzylphthalate	20.66	149	208602	55.07	ng	# 90
80) Benzo(a)anthracene	21.62	228	332765	45.17	ng	98
81) 3,3'-Dichlorobenzidine	21.54	252	51919	25.10	ng	# 98
82) Chrysene	21.68	228	315947	44.07	ng	99
83) Bis(2-ethylhexyl)phthalate	21.50	149	295259	53.01	ng	# 94
84) Di-n-octyl phthalate	22.69	149	492790	53.28	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.51	276	334166	41.55	ng	# 84
87) Benzo(b)fluoranthene	23.82	252	308706	45.63	ng	# 94
88) Benzo(k)fluoranthene	23.89	252	309881	46.53	ng	# 94
89) Benzo(a)pyrene	24.69	252	298214	46.10	ng	# 92
90) Dibenzo(a,h)anthracene	28.55	278	267112	43.85	ng	# 87
91) Benzo(g,h,i)perylene	29.65	276	274607	43.32	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 875

Delta R.T. -0.11 min

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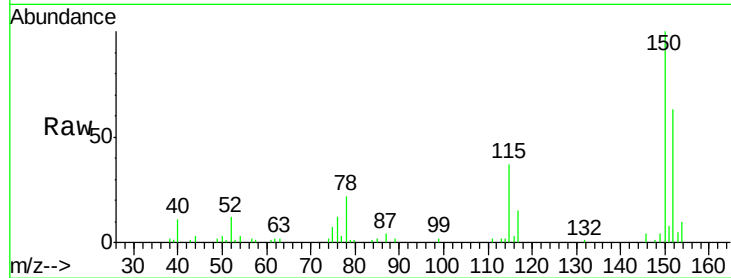
Tgt Ion:152 Resp: 20013

Ion Ratio Lower Upper

152 100

150 157.6 130.1 195.1

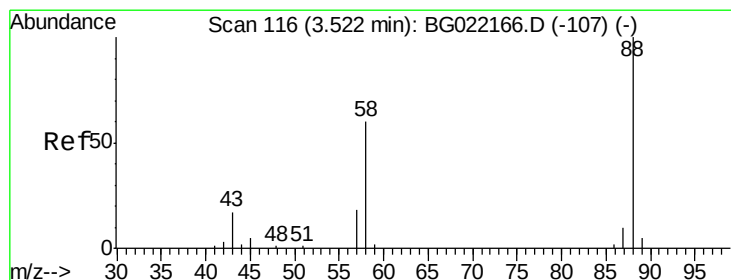
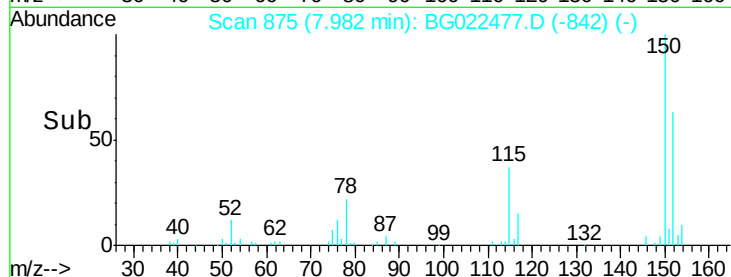
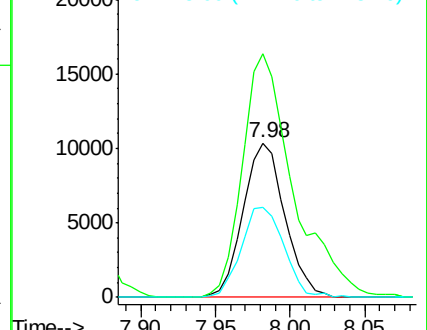
115 58.5 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.20 ng

RT: 3.32 min Scan# 82

Delta R.T. -0.15 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

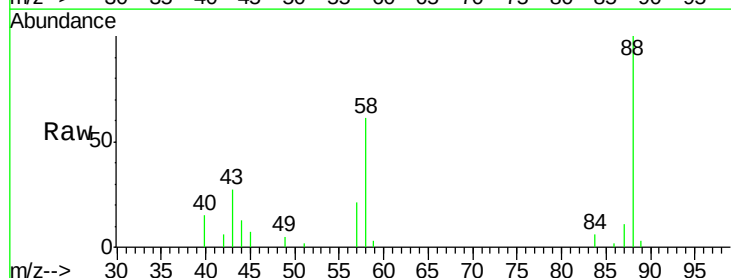
Tgt Ion: 88 Resp: 15483

Ion Ratio Lower Upper

88 100

58 69.3 36.8 55.2#

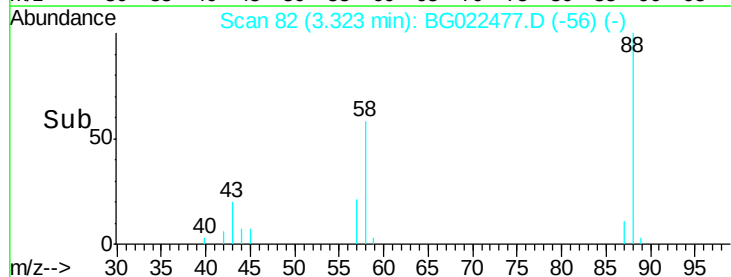
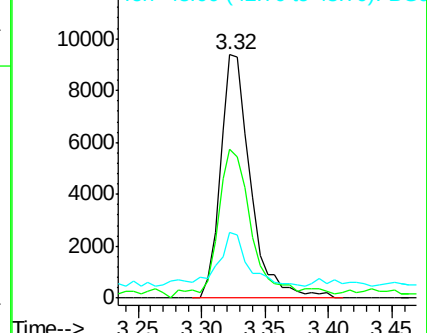
43 21.8 10.4 15.6#

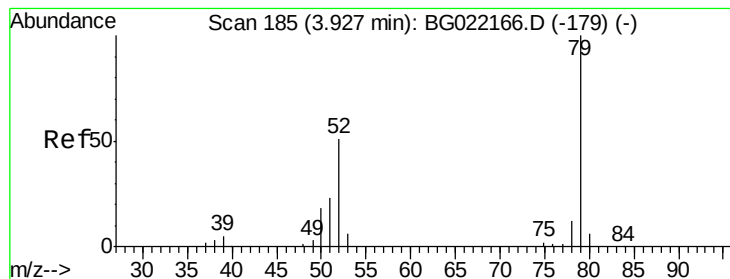


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.07 ng

RT: 3.75 min Scan# 154

Delta R.T. -0.14 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

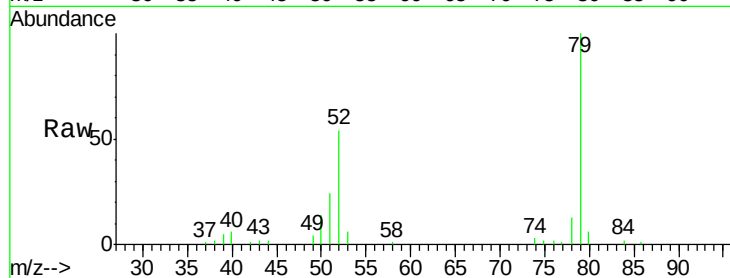
Tgt Ion: 79 Resp: 47039

Ion Ratio Lower Upper

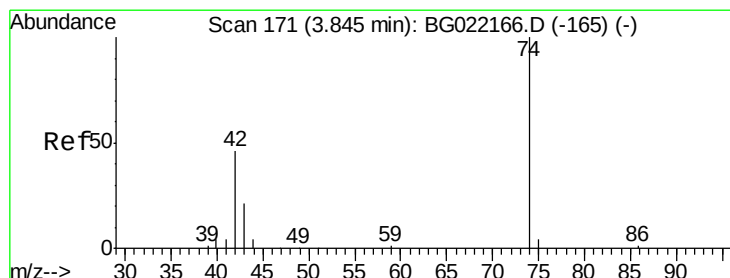
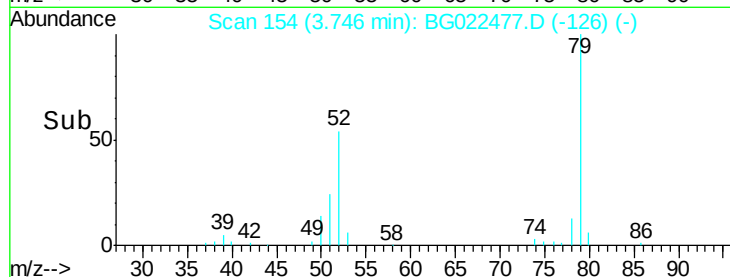
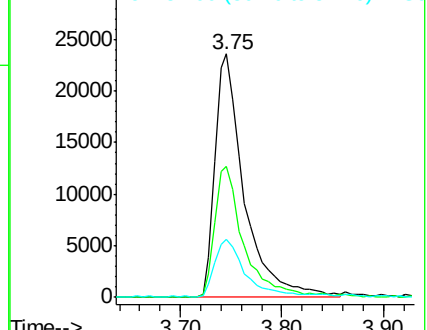
79 100

52 54.0 41.6 62.4

51 24.0 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: 43.34 ng

RT: 3.66 min Scan# 140

Delta R.T. -0.14 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

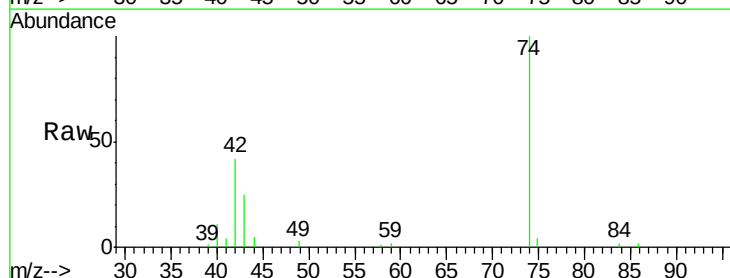
Tgt Ion: 42 Resp: 12998

Ion Ratio Lower Upper

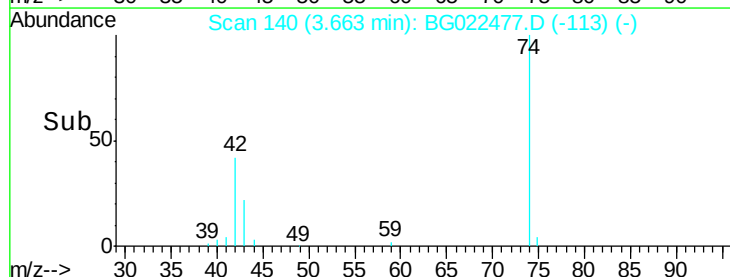
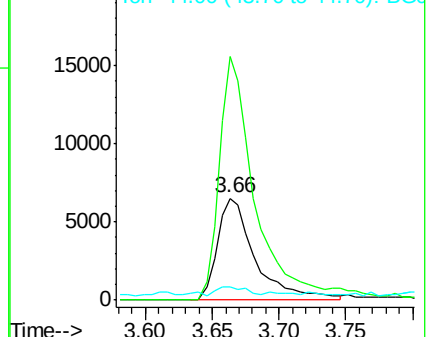
42 100

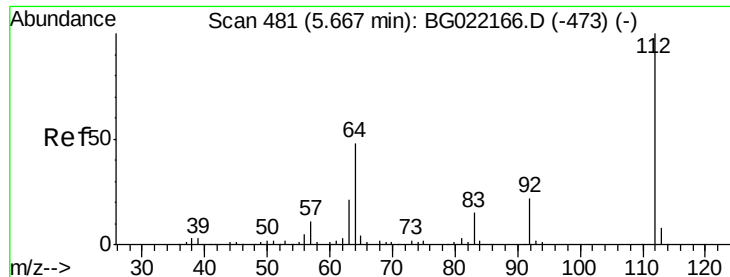
74 239.6 184.0 276.0

44 13.1 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: 163.82 ng

RT: 5.54 min Scan# 459

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

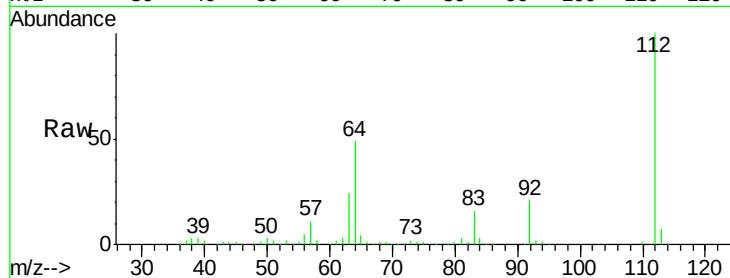
Tgt Ion: 112 Resp: 169569

Ion Ratio Lower Upper

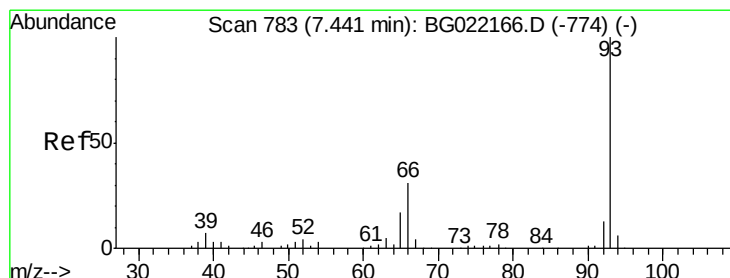
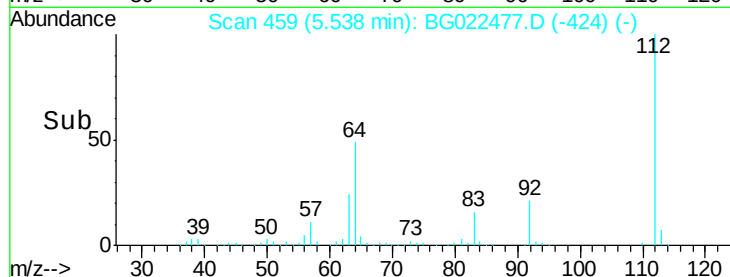
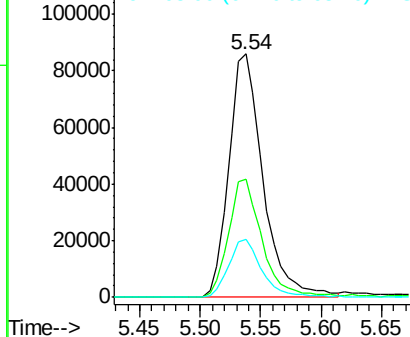
112 100

64 48.5 51.1 76.7#

63 23.7 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: 30.22 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

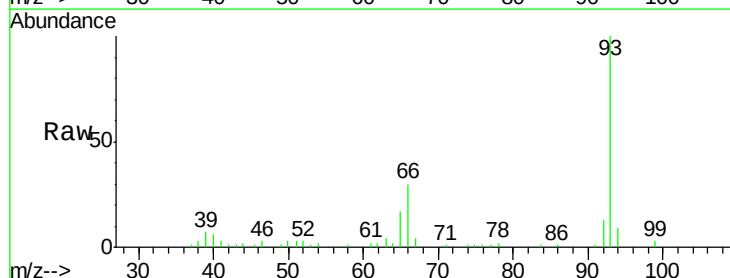
Tgt Ion: 93 Resp: 62485

Ion Ratio Lower Upper

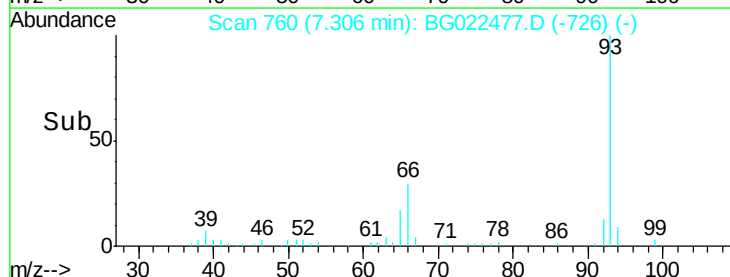
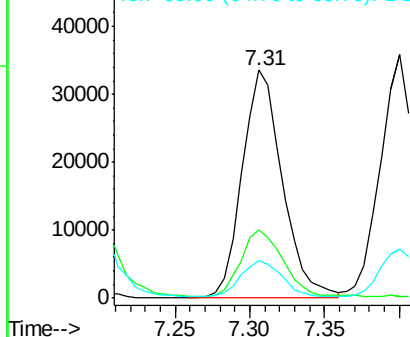
93 100

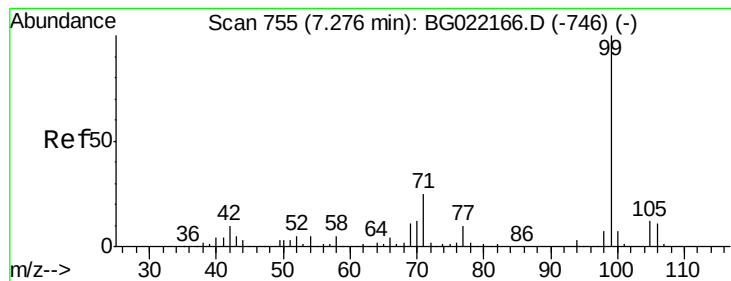
66 30.1 36.3 54.5#

65 16.5 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: 165.09 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.08 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampled :

PB91508BS

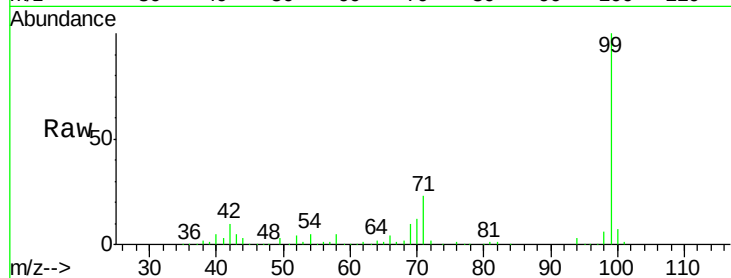
Tgt Ion: 99 Resp: 268682

Ion Ratio Lower Upper

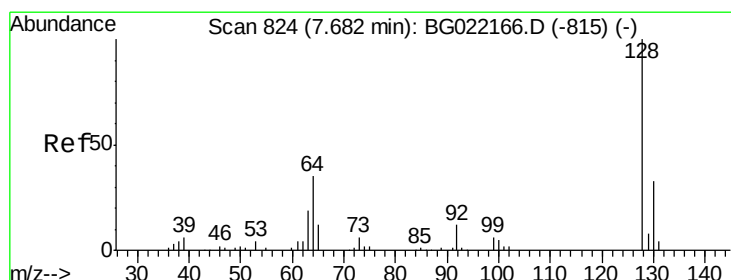
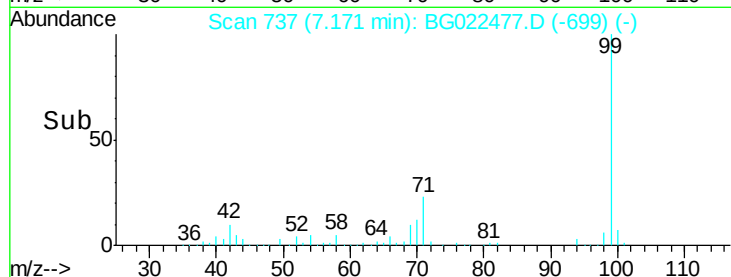
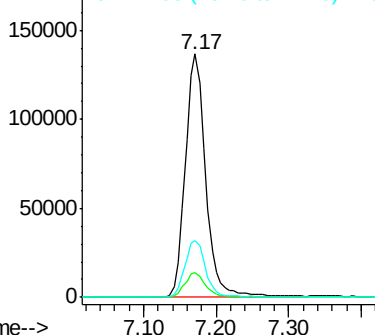
99 100

42 10.1 16.4 24.6#

71 23.4 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: 49.83 ng

RT: 7.55 min Scan# 802

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

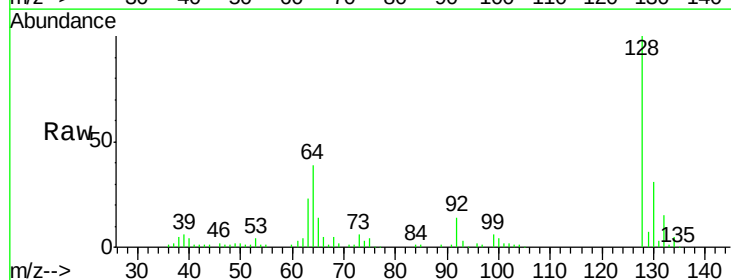
Tgt Ion: 128 Resp: 71290

Ion Ratio Lower Upper

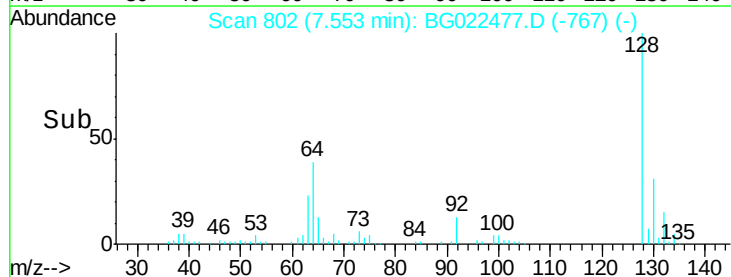
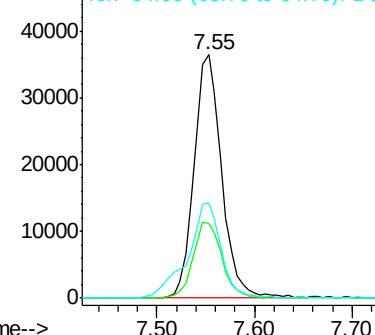
128 100

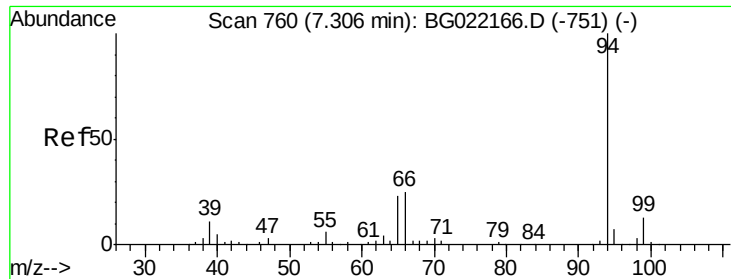
130 30.9 11.2 51.2

64 39.2 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

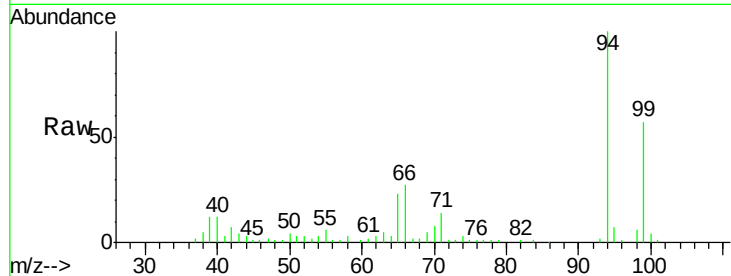




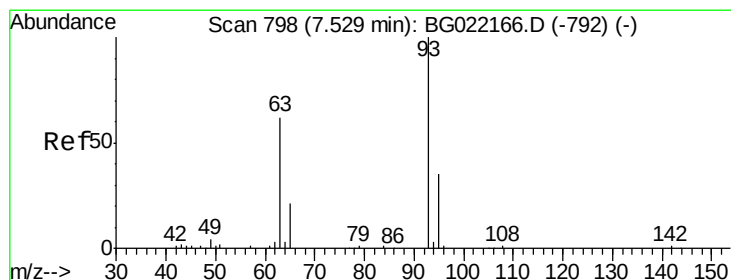
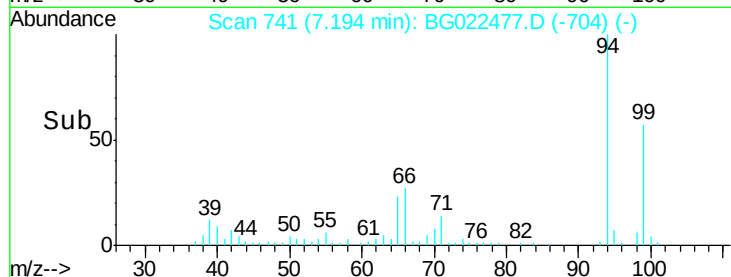
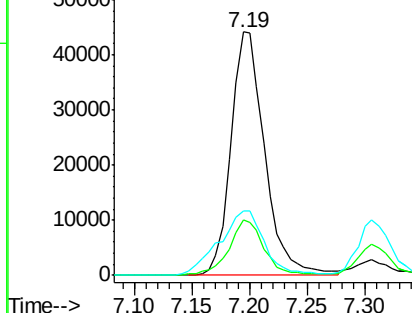
#10
Phenol
Concen: 53.33 ng
RT: 7.19 min Scan# 741
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Instrument :
BNA_G
ClientSampleId :
PB91508BS

Tgt Ion: 94 Resp: 89482
Ion Ratio Lower Upper
94 100
65 23.0 9.8 49.8
66 26.6 20.8 60.8

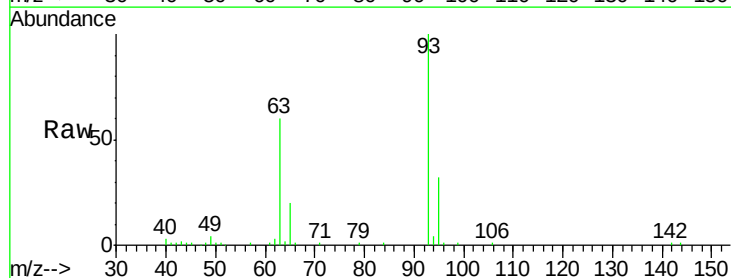


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

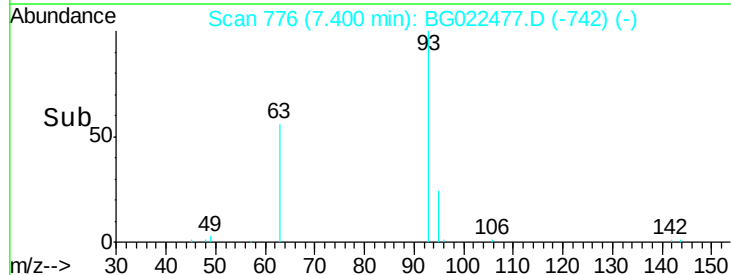
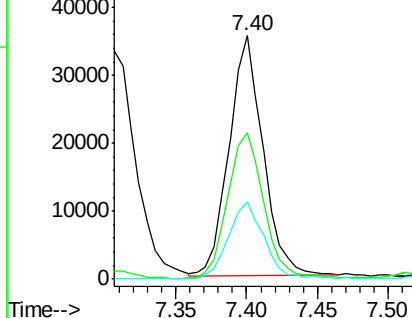


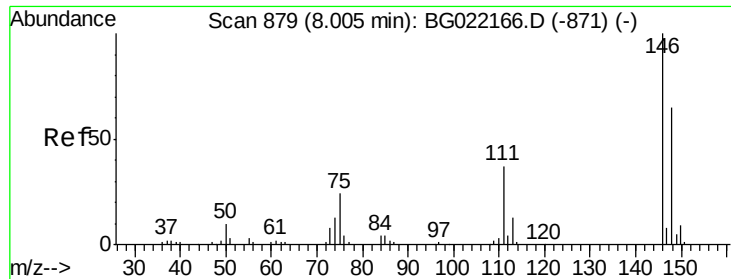
#11
bis(2-Chloroethyl)ether
Concen: 43.96 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.10 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion: 93 Resp: 58805
Ion Ratio Lower Upper
93 100
63 60.0 74.9 114.9#
95 31.5 8.3 48.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

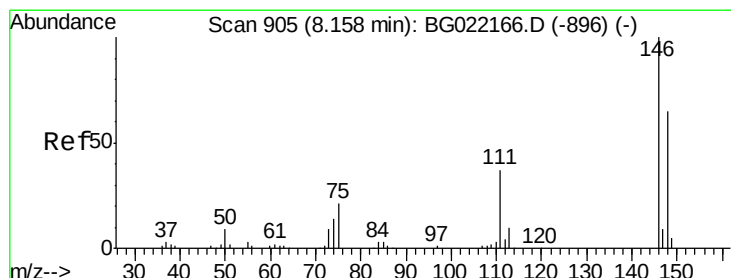
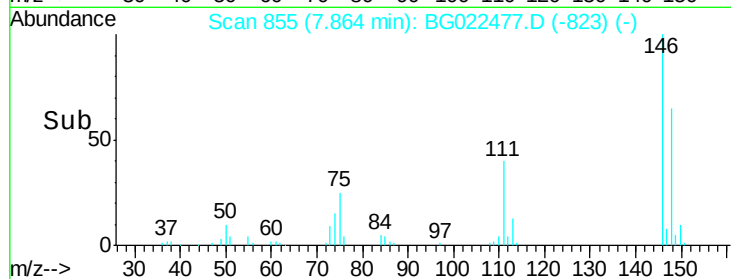
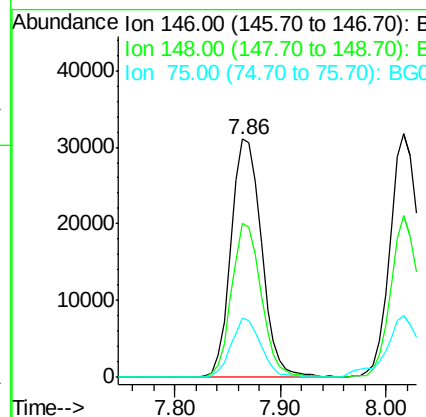
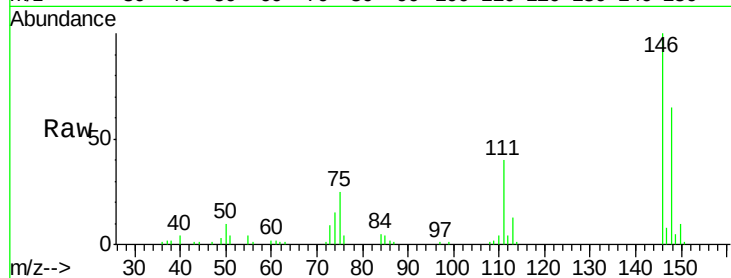




#12
 1,3-Dichlorobenzene
 Concen: 40.38 ng
 RT: 7.86 min Scan# 855
 Delta R.T. -0.11 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

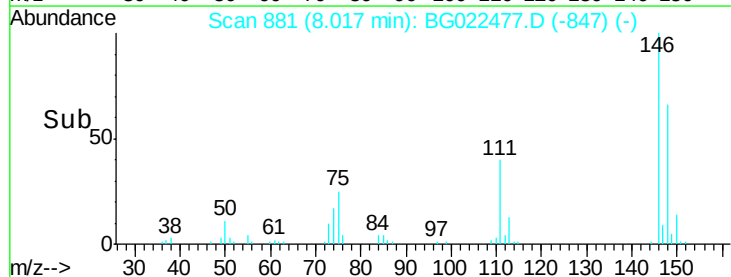
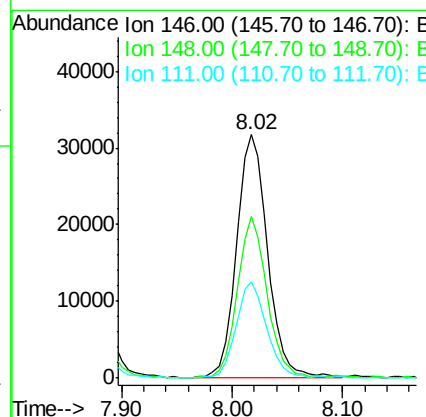
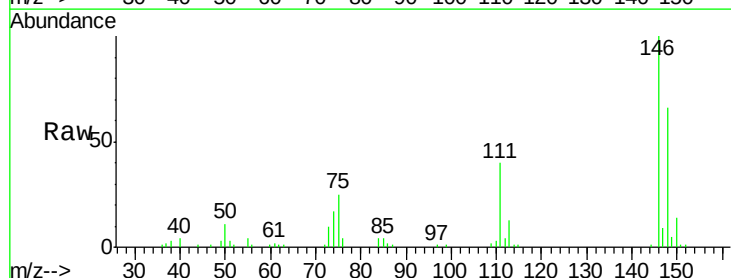
Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

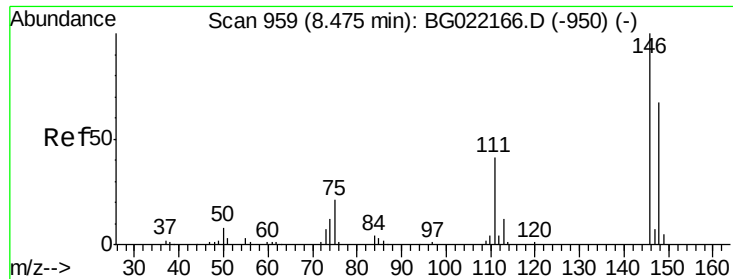
Tgt Ion:146 Resp: 61931
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.7 80.5
 75 24.7 27.4 41.0#



#13
 1,4-Dichlorobenzene
 Concen: 41.08 ng
 RT: 8.02 min Scan# 881
 Delta R.T. -0.10 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion:146 Resp: 62774
 Ion Ratio Lower Upper
 146 100
 148 66.3 46.7 70.1
 111 39.5 33.0 49.6

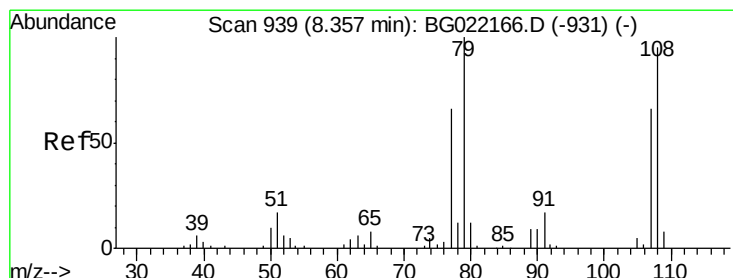
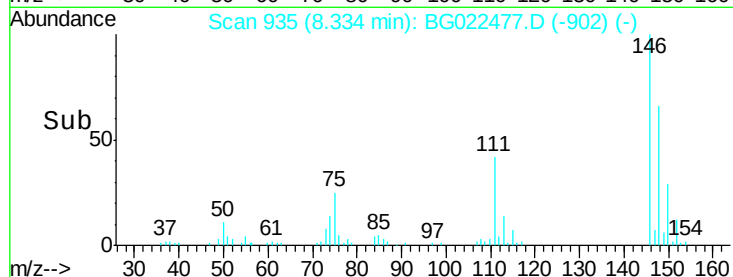
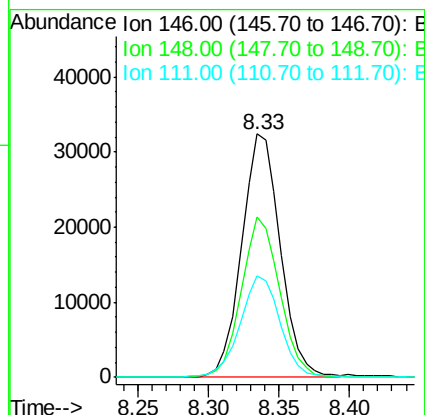
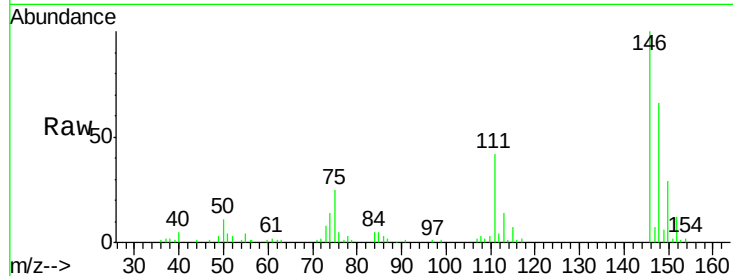




#14
1,2-Dichlorobenzene
Concen: 40.25 ng
RT: 8.33 min Scan# 935
Delta R.T. -0.11 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

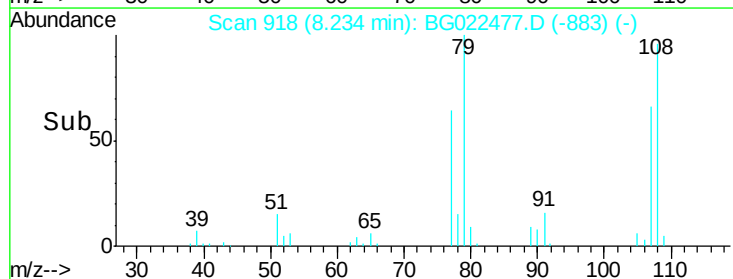
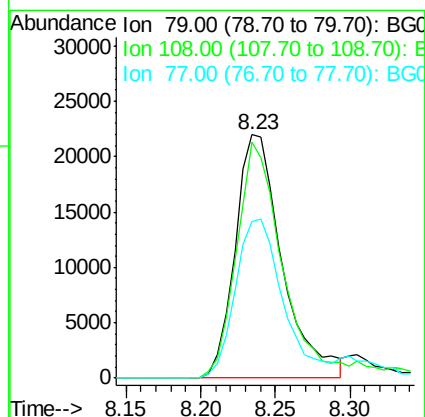
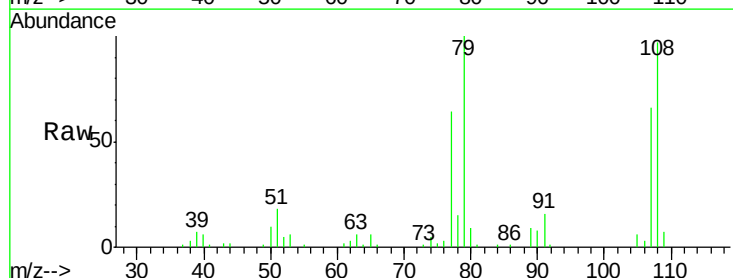
Instrument :
BNA_G
ClientSampleId :
PB91508BS

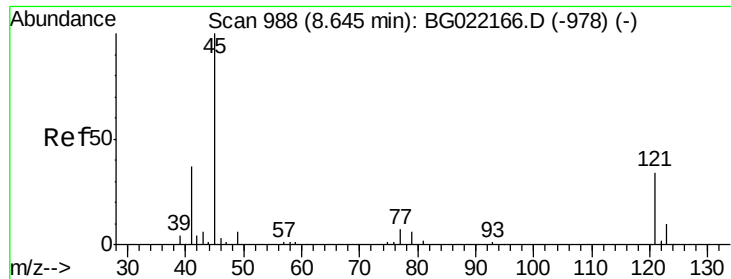
Tgt Ion: 146 Resp: 61989
Ion Ratio Lower Upper
146 100
148 65.8 52.6 79.0
111 41.8 36.1 54.1



#15
Benzyl Alcohol
Concen: 45.65 ng
RT: 8.23 min Scan# 918
Delta R.T. -0.10 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion: 79 Resp: 48003
Ion Ratio Lower Upper
79 100
108 97.1 59.4 89.0#
77 64.2 52.2 78.2

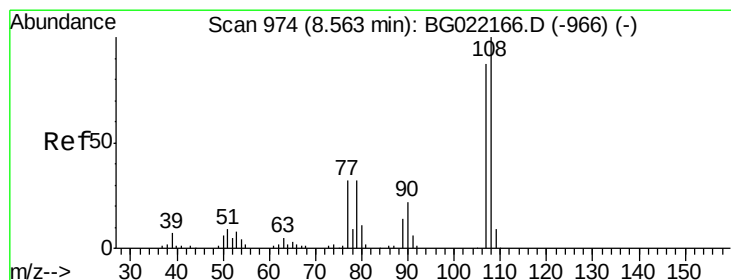
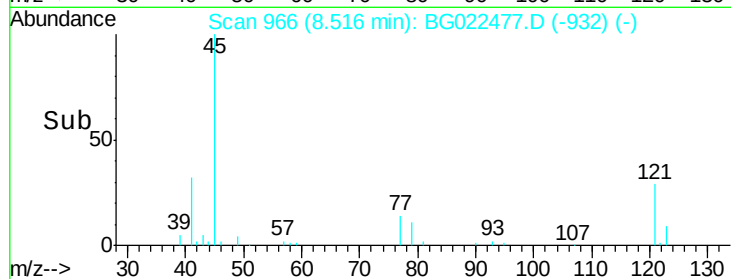
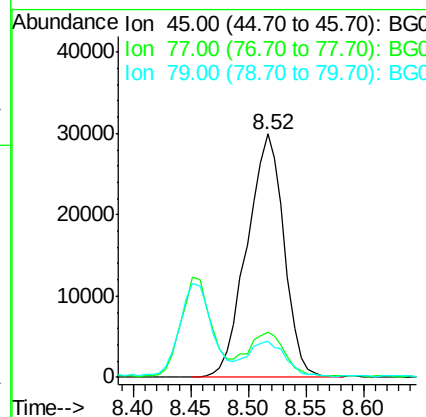
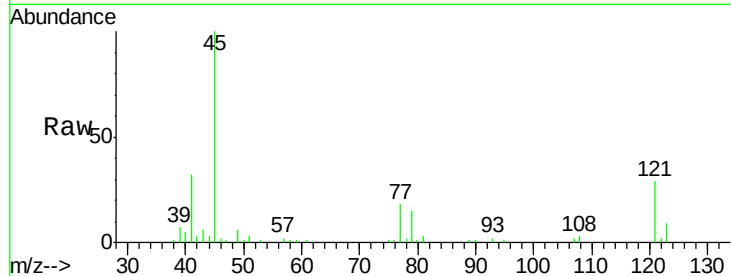




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 48.10 ng
 RT: 8.52 min Scan# 966
 Delta R.T. -0.10 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

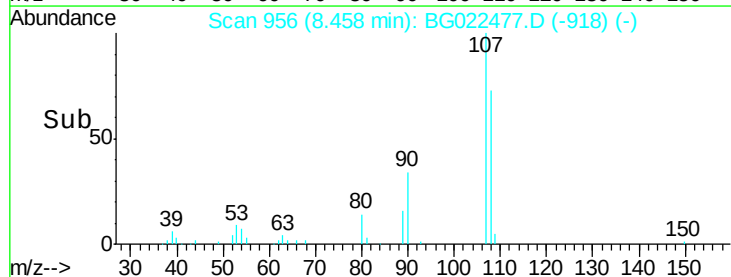
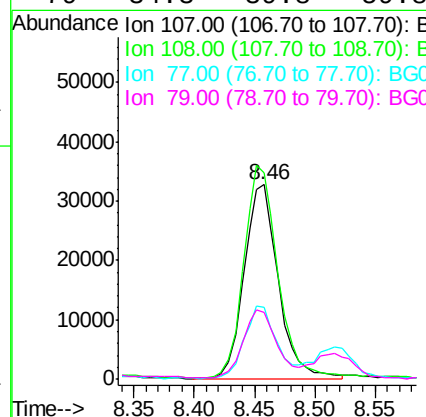
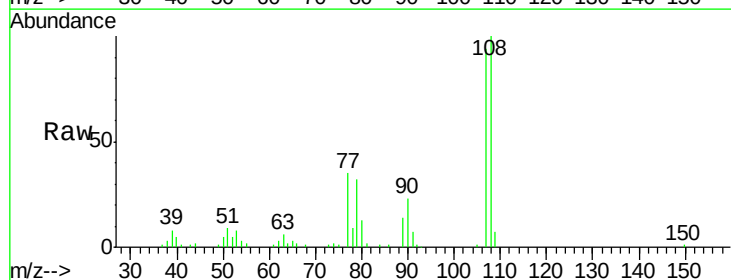
Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

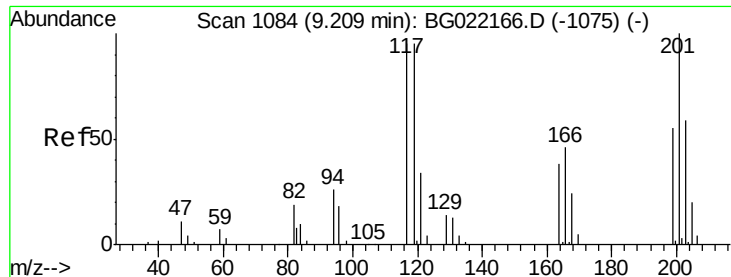
Tgt Ion: 45 Resp: 66762
 Ion Ratio Lower Upper
 45 100
 77 18.4 0.0 31.2
 79 14.8 0.0 29.0



#17
 2-Methylphenol
 Concen: 51.84 ng
 RT: 8.46 min Scan# 956
 Delta R.T. -0.08 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion: 107 Resp: 64913
 Ion Ratio Lower Upper
 107 100
 108 106.0 80.2 120.4
 77 36.8 40.7 61.1#
 79 34.3 39.8 59.8#

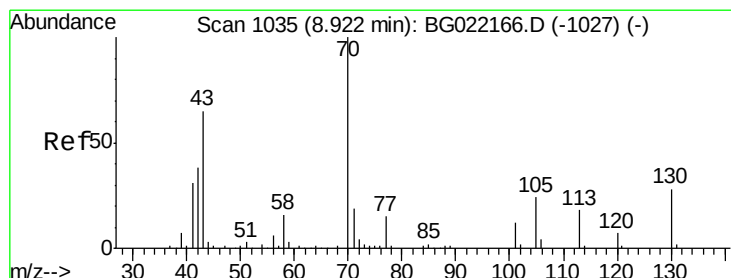
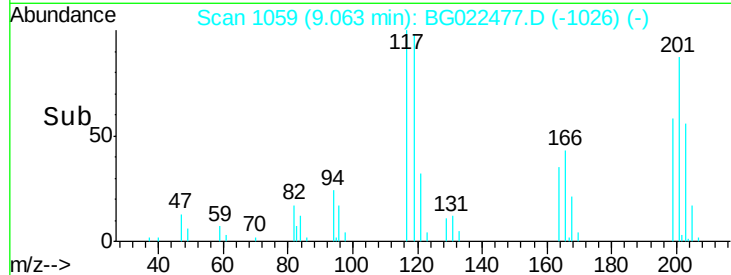
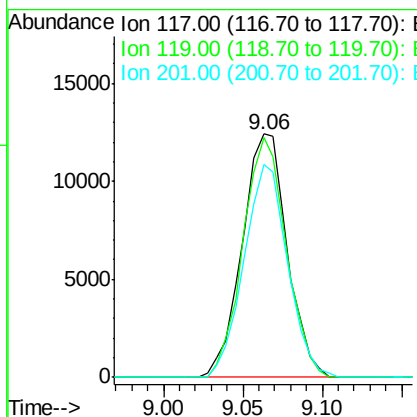
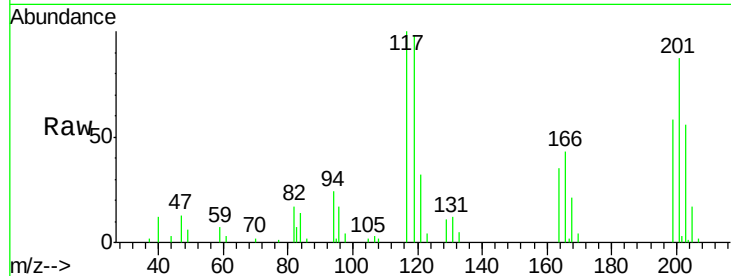




#18
Hexachloroethane
Concen: 43.83 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.11 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

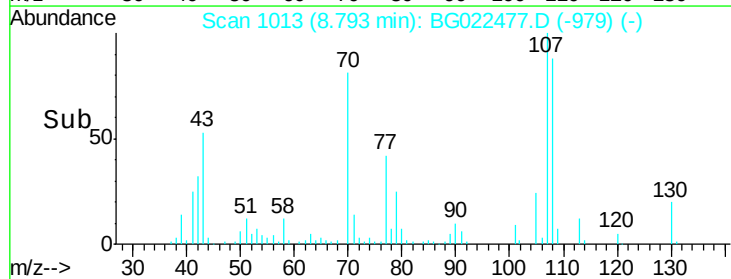
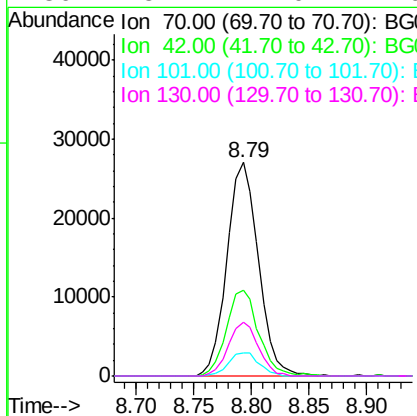
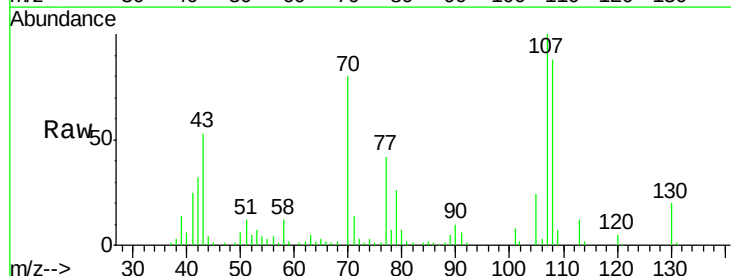
Instrument :
BNA_G
ClientSampleId :
PB91508BS

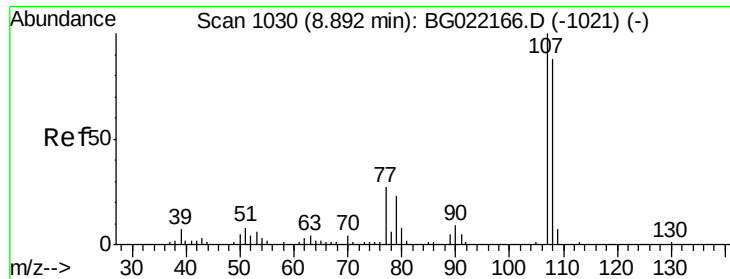
Tgt Ion:	117	Resp:	24455
Ion	Ratio	Lower	Upper
117	100		
119	98.3	63.9	95.9#
201	90.6	61.2	91.8



#19
n-Nitroso-di-n-propylamine
Concen: 46.37 ng
RT: 8.79 min Scan# 1013
Delta R.T. -0.10 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:	70	Resp:	51079
Ion	Ratio	Lower	Upper
70	100		
42	40.1	56.7	85.1#
101	10.5	8.2	12.4
130	25.1	14.0	21.0#

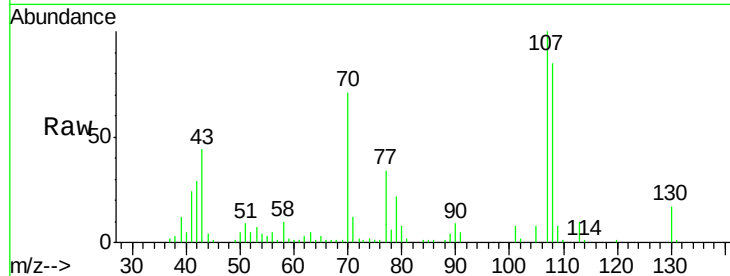




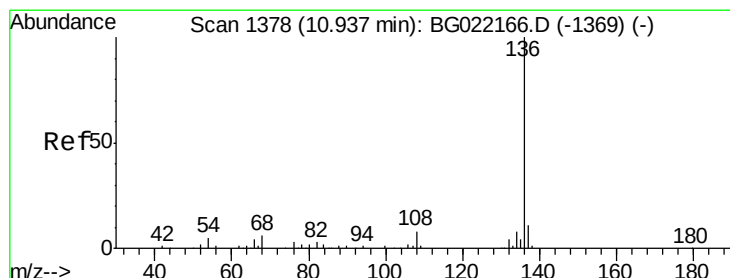
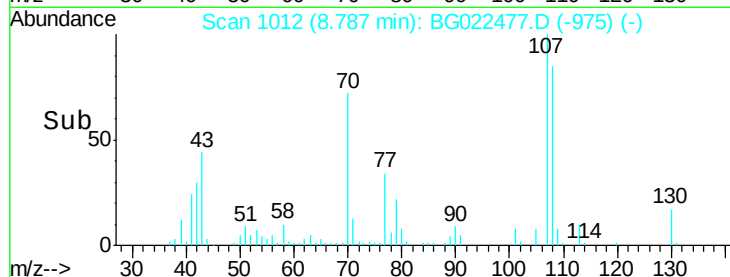
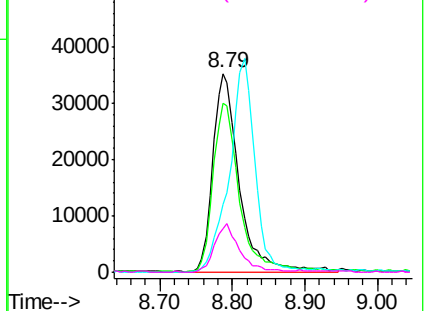
#20
3+4-Methylphenols
Concen: 50.02 ng
RT: 8.79 min Scan# 1012
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Instrument :
BNA_G
ClientSampleId :
PB91508BS

Tgt Ion:	107	Resp:	89843
Ion	Ratio	Lower	Upper
107	100		
108	85.2	66.2	106.2
77	33.8	11.5	51.5
79	22.1	5.6	45.6

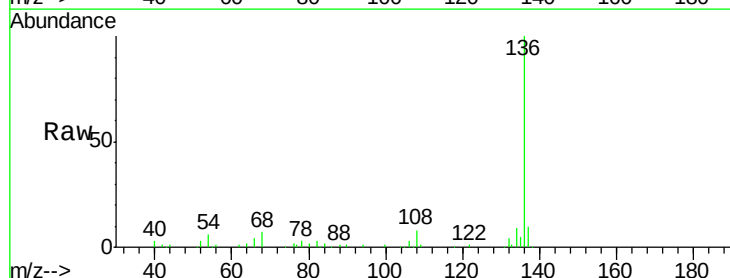


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

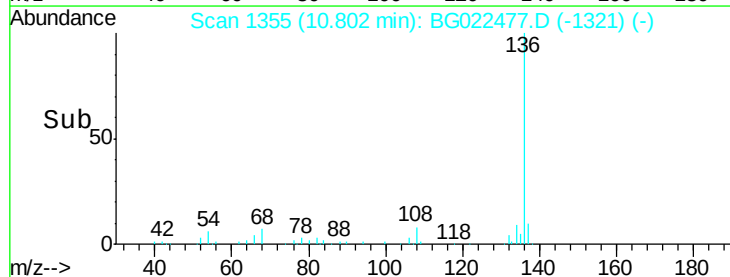
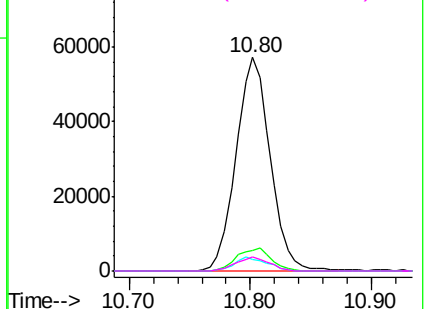


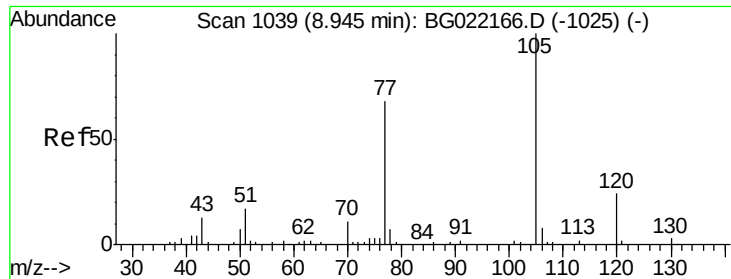
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.10 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:	136	Resp:	112623
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	5.5	9.6	14.4#
68	6.6	6.4	9.6



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





#22

Acetophenone

Concen: 41.16 ng

RT: 8.82 min Scan# 1017

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

Tgt Ion:105 Resp: 99903

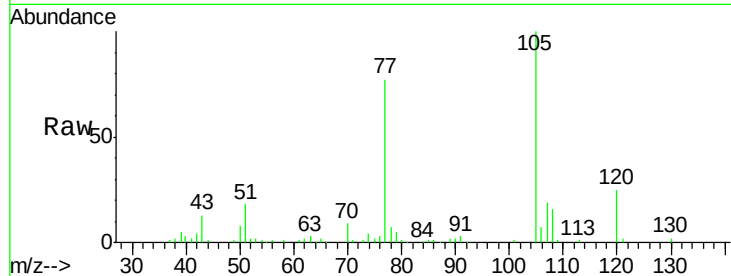
Ion Ratio Lower Upper

105 100

71 1.4 0.0 0.0#

51 18.4 25.7 38.5#

120 25.1 17.0 25.6

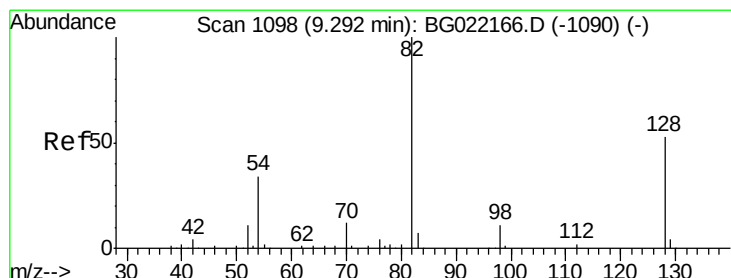
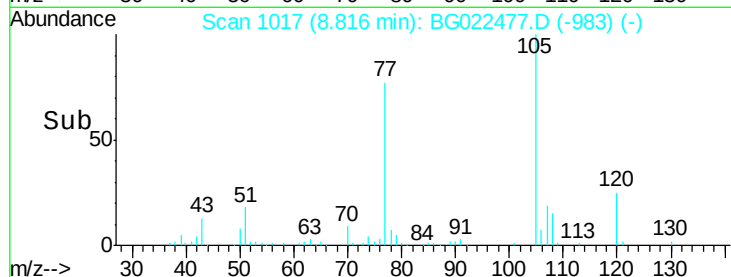
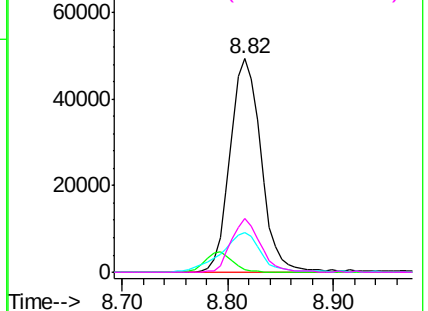


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 87.47 ng

RT: 9.16 min Scan# 1076

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

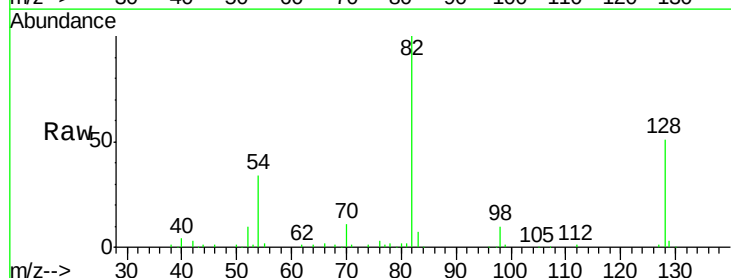
Tgt Ion: 82 Resp: 141294

Ion Ratio Lower Upper

82 100

128 51.1 33.4 50.0#

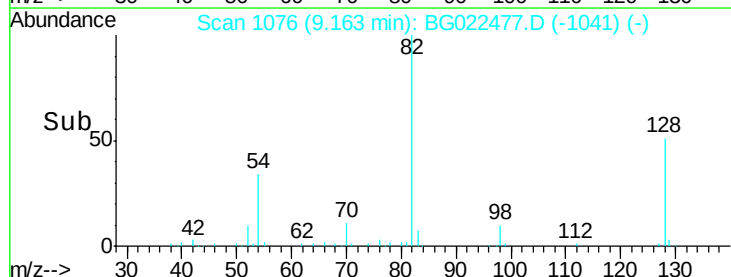
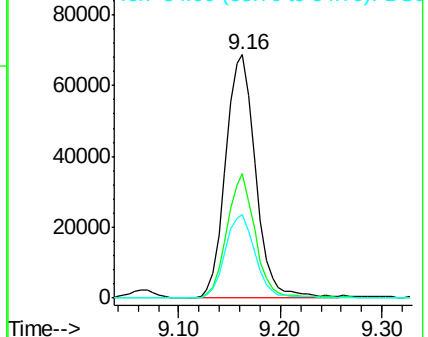
54 34.1 46.1 69.1#

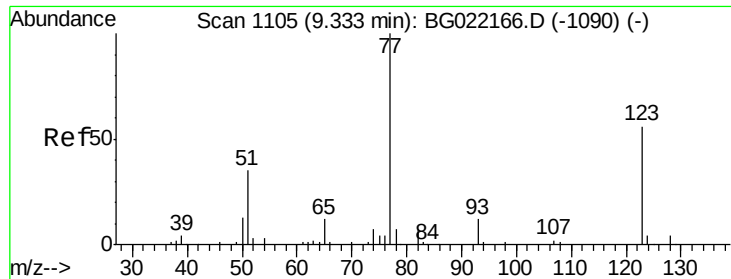


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 43.80 ng

RT: 9.20 min Scan# 1083

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

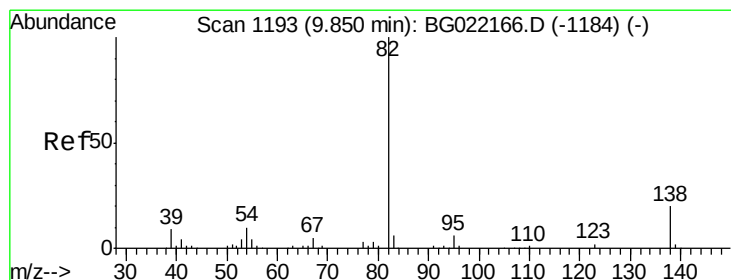
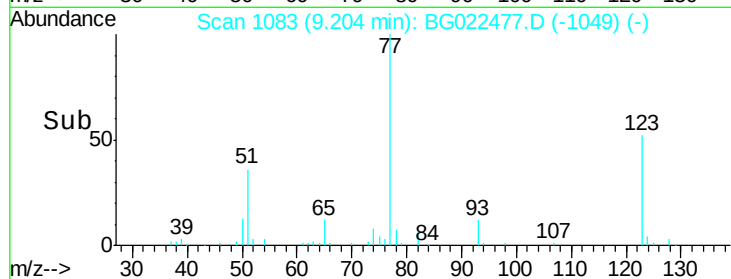
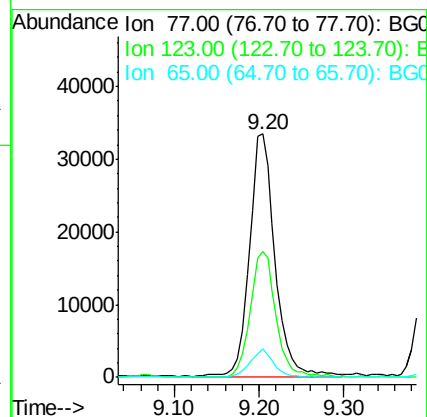
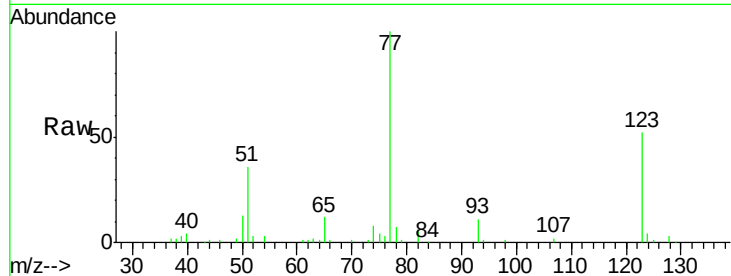
Tgt Ion: 77 Resp: 71156

Ion Ratio Lower Upper

77 100

123 51.8 32.2 48.4#

65 11.8 10.3 15.5



#25

Isophorone

Concen: 40.67 ng

RT: 9.72 min Scan# 1171

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

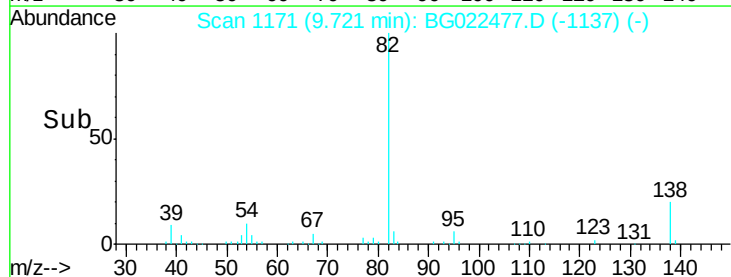
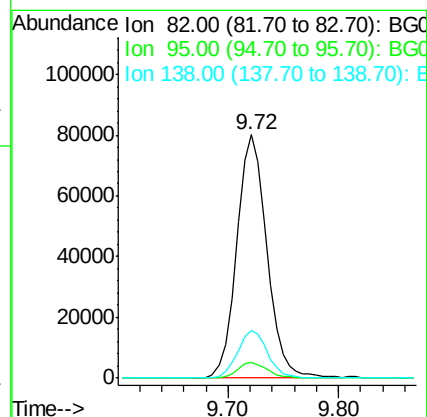
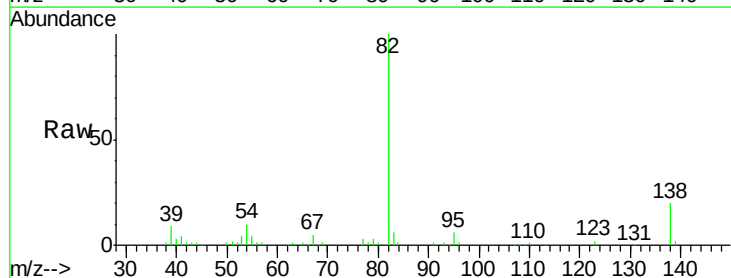
Tgt Ion: 82 Resp: 153719

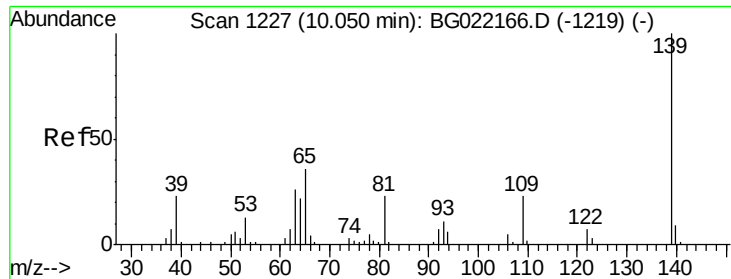
Ion Ratio Lower Upper

82 100

95 6.5 6.0 9.0

138 19.7 13.4 20.0

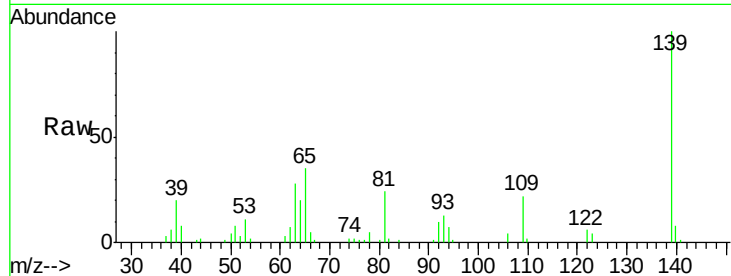




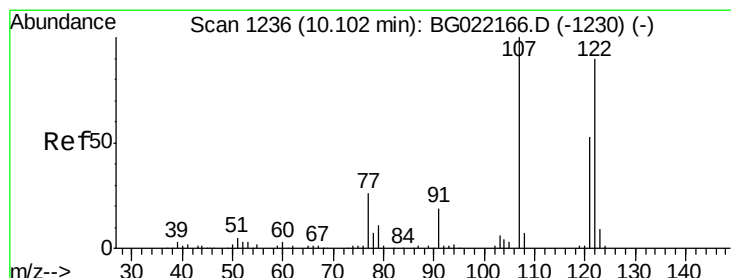
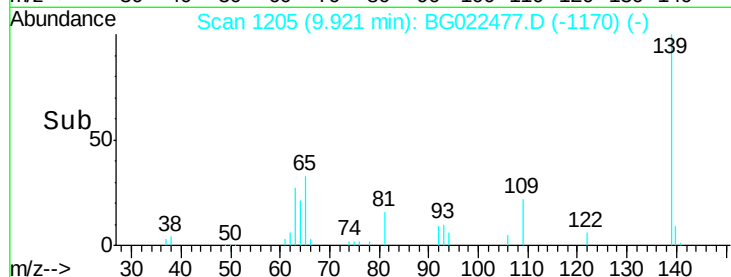
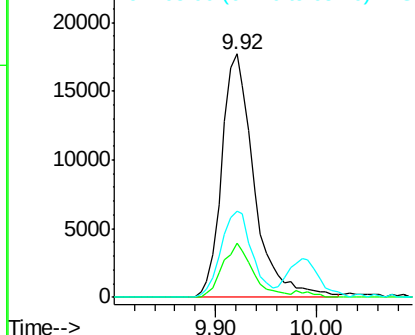
#26
2-Nitrophenol
Concen: 44.56 ng
RT: 9.92 min Scan# 1205
Delta R.T. -0.10 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Instrument :
BNA_G
ClientSampleId :
PB91508BS

Tgt Ion:139 Resp: 39256
Ion Ratio Lower Upper
139 100
109 22.0 26.6 40.0#
65 35.5 45.3 67.9#

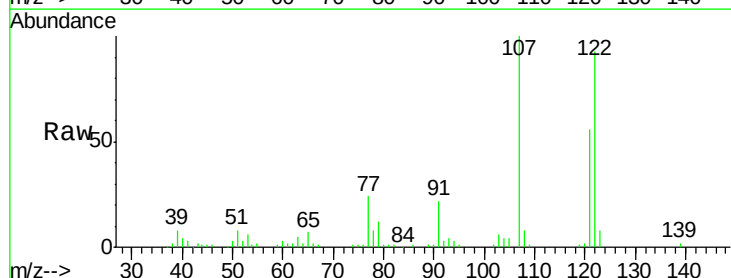


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

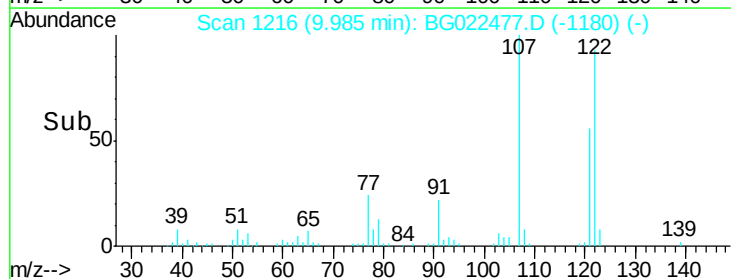
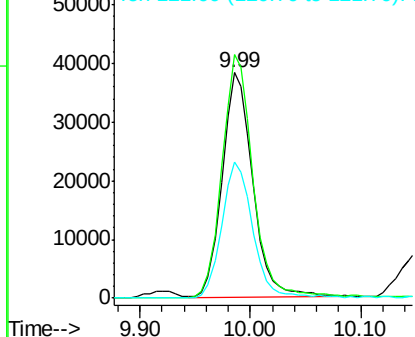


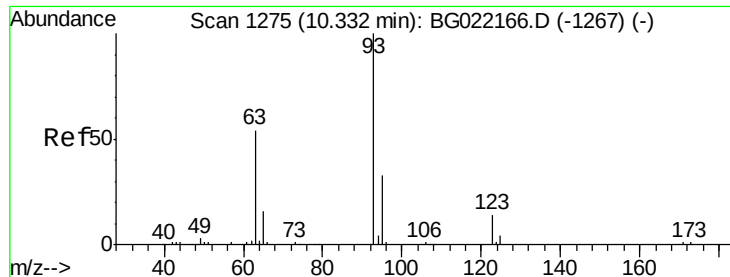
#27
2,4-Dimethylphenol
Concen: 46.11 ng
RT: 9.99 min Scan# 1216
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:122 Resp: 73519
Ion Ratio Lower Upper
122 100
107 108.1 97.2 145.8
121 60.3 49.0 73.4



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



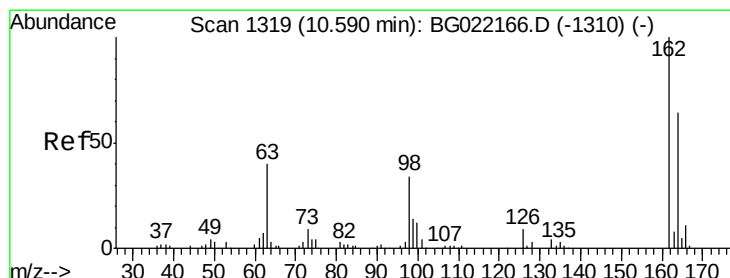
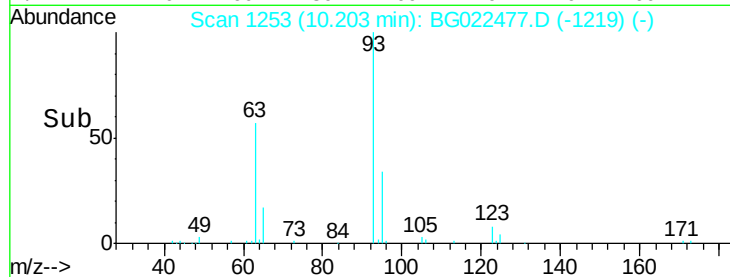
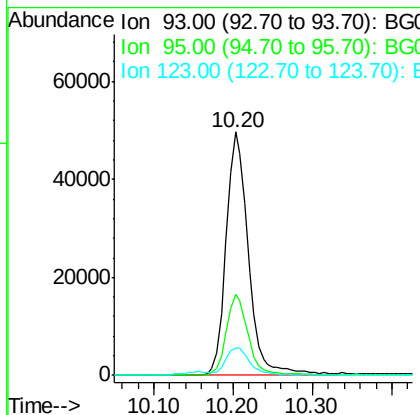
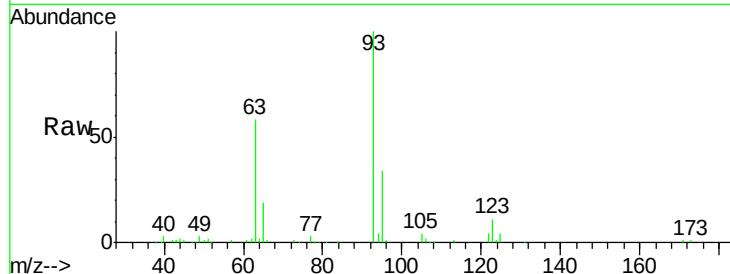


#28
bis(2-Chloroethoxy)methane
Concen: 44.82 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.10 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Instrument :
BNA_G
ClientSampleId :
PB91508BS

Tgt Ion: 93 Resp: 97040

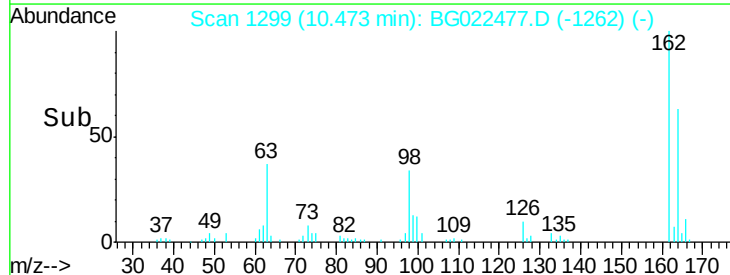
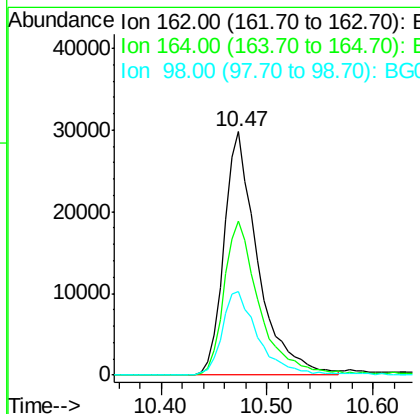
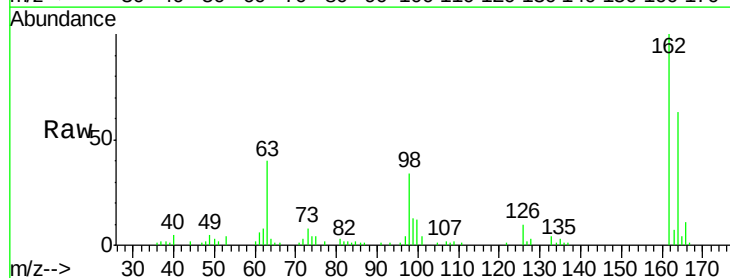
Ion	Ratio	Lower	Upper
93	100		
95	33.5	30.1	45.1
123	11.3	10.2	15.4

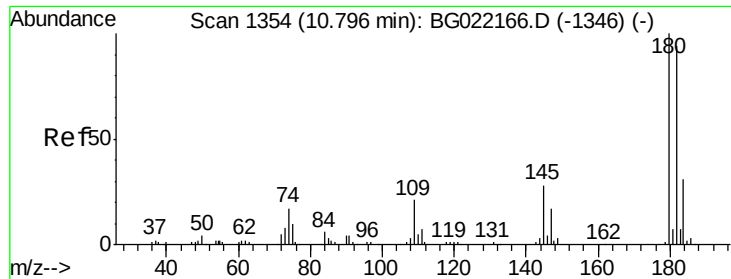


#29
2,4-Dichlorophenol
Concen: 44.76 ng
RT: 10.47 min Scan# 1299
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion: 162 Resp: 66106

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.9	84.9
98	34.4	19.2	59.2

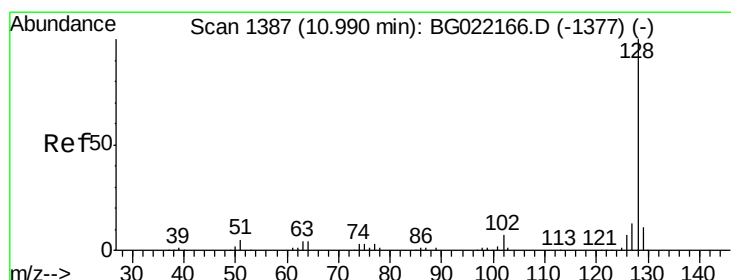
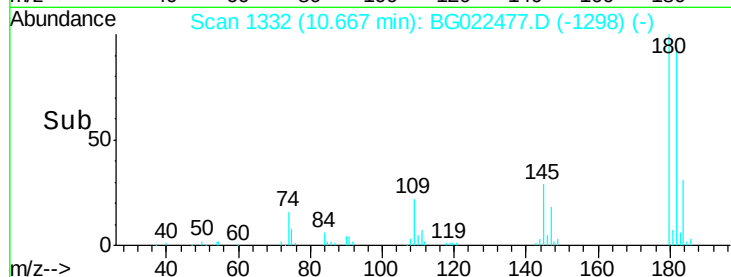
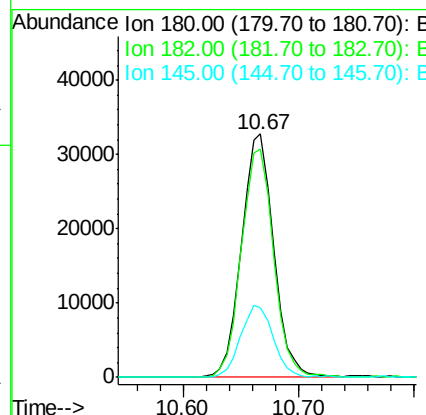
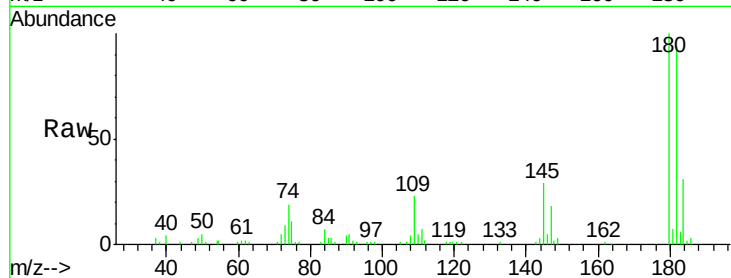




#30
 1,2,4-Trichlorobenzene
 Concen: 38.45 ng
 RT: 10.67 min Scan# 1332
 Delta R.T. -0.10 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

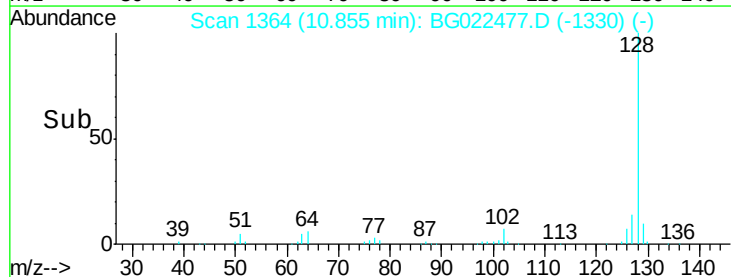
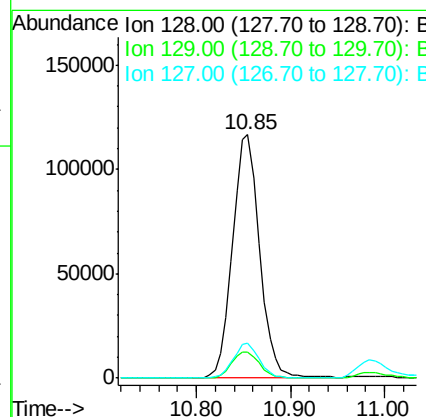
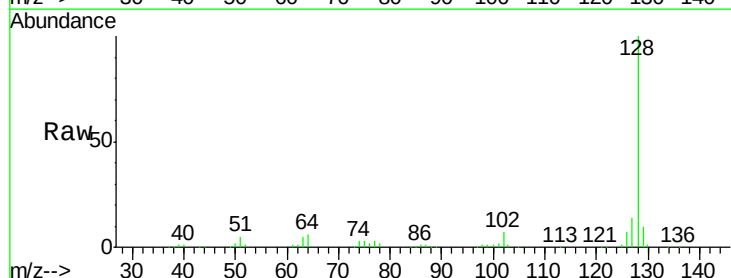
Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

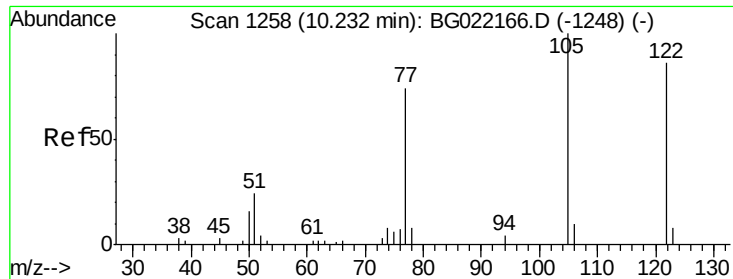
Tgt Ion:180 Resp: 63455
 Ion Ratio Lower Upper
 180 100
 182 93.7 82.3 123.5
 145 28.8 24.4 36.6



#31
 Naphthalene
 Concen: 41.53 ng
 RT: 10.85 min Scan# 1364
 Delta R.T. -0.10 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion:128 Resp: 233469
 Ion Ratio Lower Upper
 128 100
 129 10.5 7.0 10.6
 127 14.3 10.1 15.1

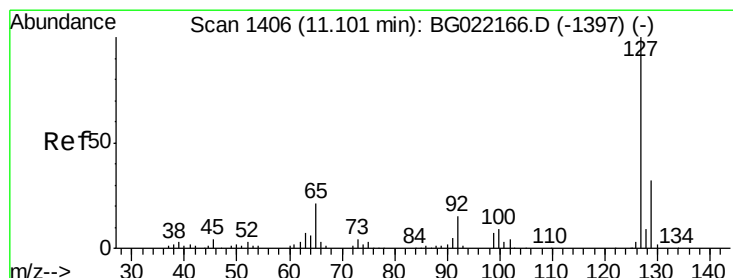
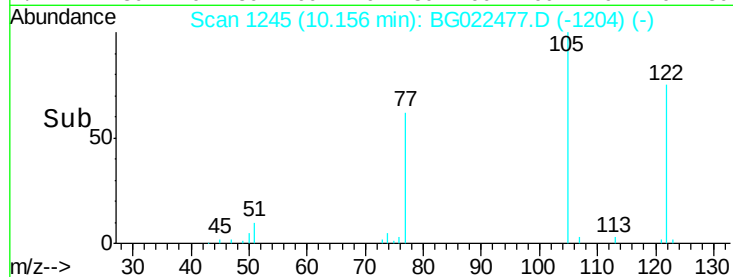
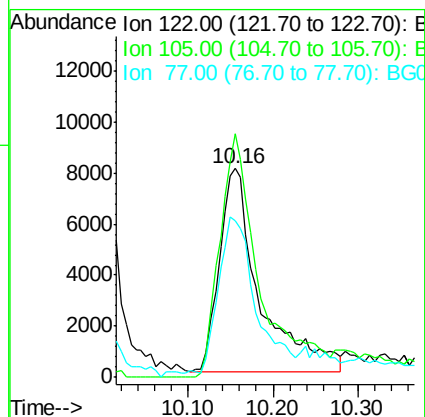
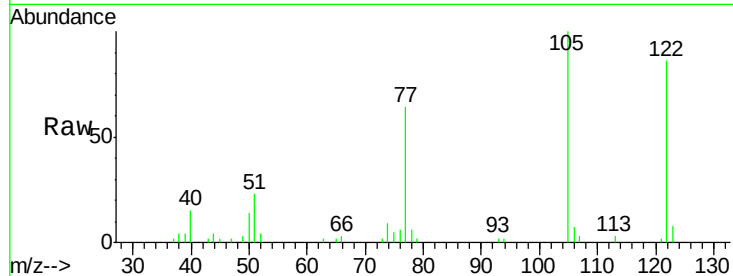




#32
Benzoic acid
Concen: 47.97 ng
RT: 10.16 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

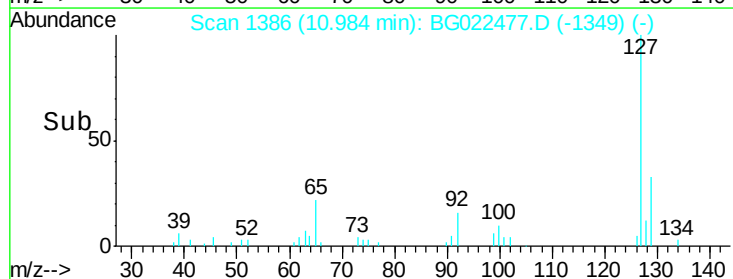
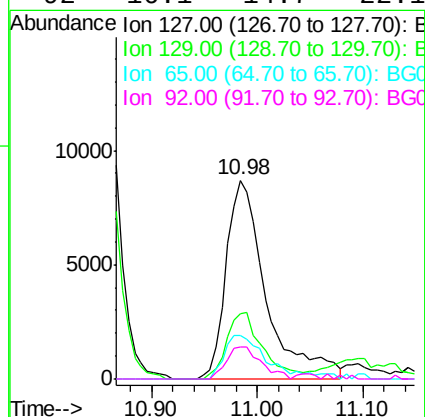
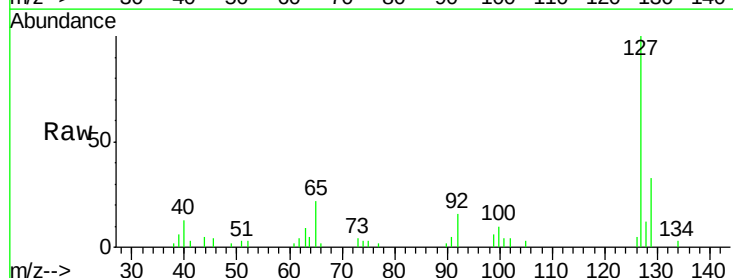
Instrument :
BNA_G
ClientSampleId :
PB91508BS

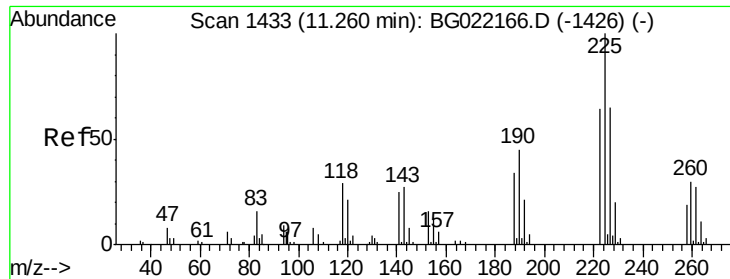
Tgt Ion:122 Resp: 26274
Ion Ratio Lower Upper
122 100
105 116.6 104.5 144.5
77 74.8 79.9 119.9#



#33
4-Chloroaniline
Concen: 9.77 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:127 Resp: 22843
Ion Ratio Lower Upper
127 100
129 32.9 26.6 39.8
65 21.8 27.5 41.3#
92 16.1 14.7 22.1





#34

Hexachlorobutadiene

Concen: 35.05 ng

RT: 11.13 min Scan# 1410

Delta R.T. -0.11 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

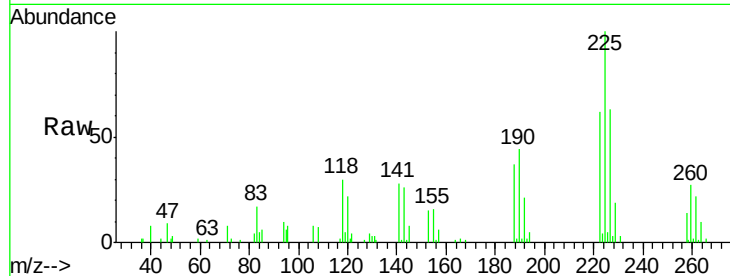
Tgt Ion: 225 Resp: 31052

Ion Ratio Lower Upper

225 100

223 62.5 52.7 79.1

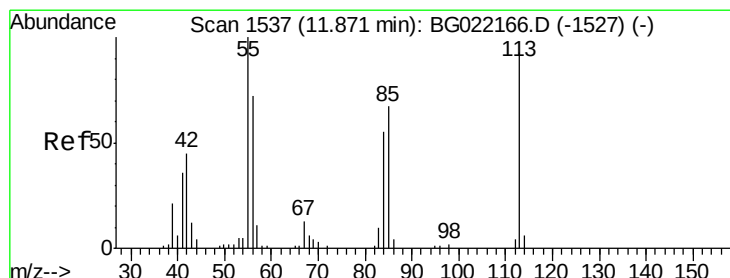
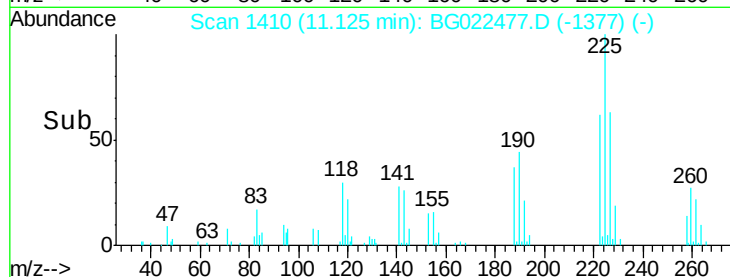
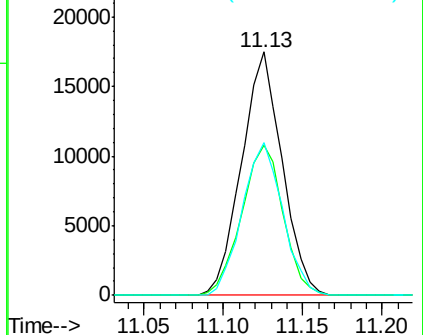
227 62.7 49.7 74.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 17.88 ng

RT: 11.76 min Scan# 1518

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

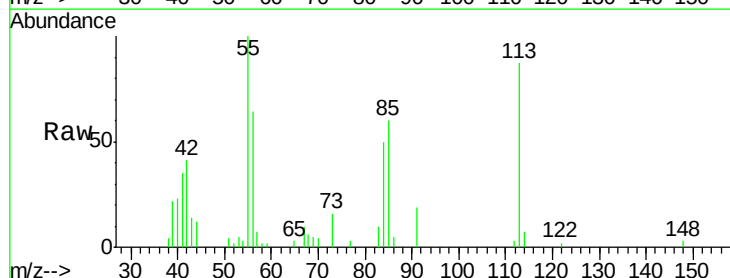
Tgt Ion: 113 Resp: 14491

Ion Ratio Lower Upper

113 100

55 115.0 194.2 234.2#

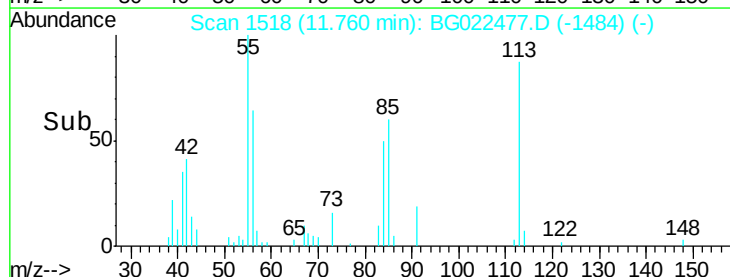
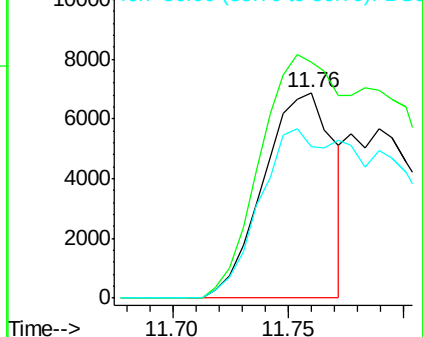
56 73.8 122.6 162.6#

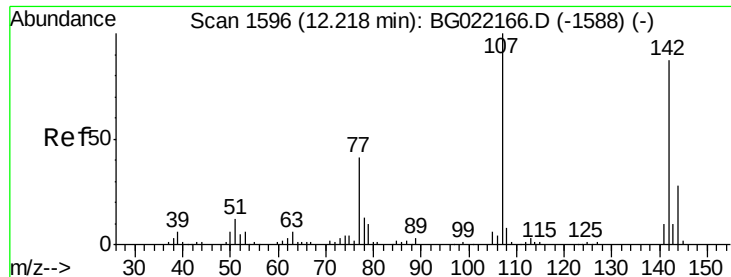


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

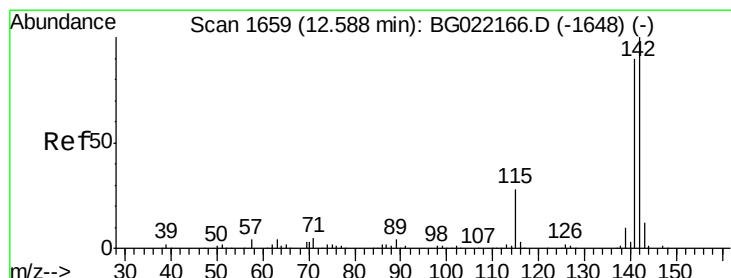
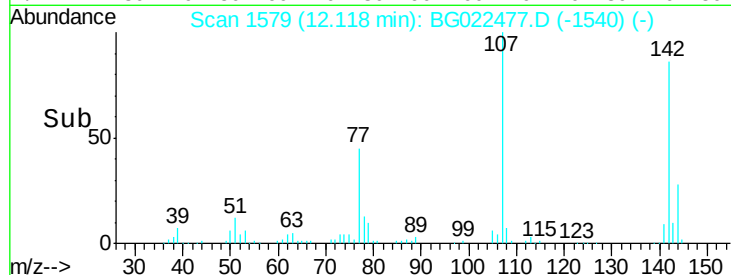
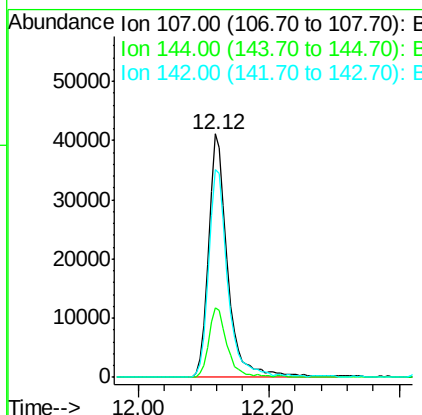
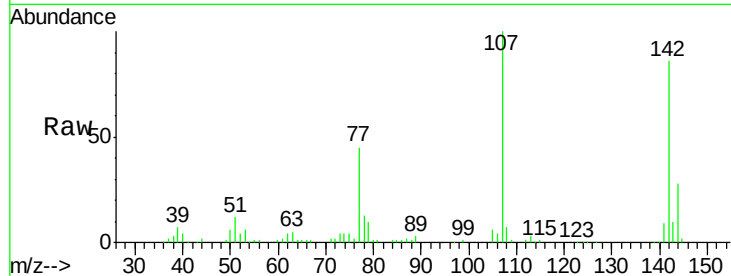




#36
 4-Chloro-3-methylphenol
 Concen: 47.70 ng
 RT: 12.12 min Scan# 1579
 Delta R.T. -0.07 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

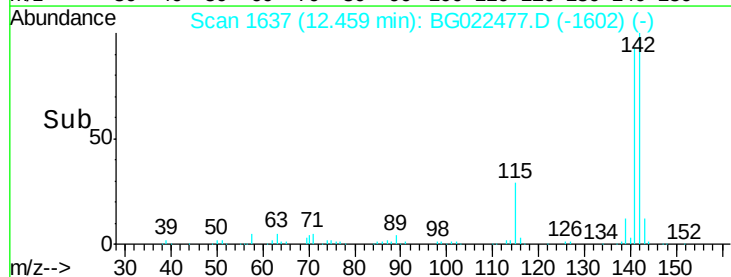
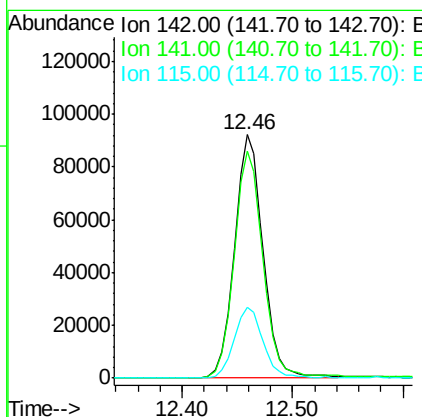
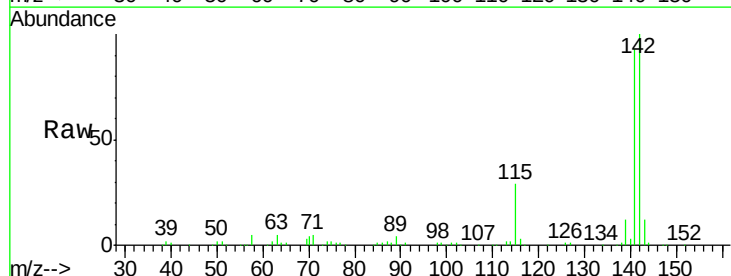
Instrument :
 BNA_G
 ClientSampled :
 PB91508BS

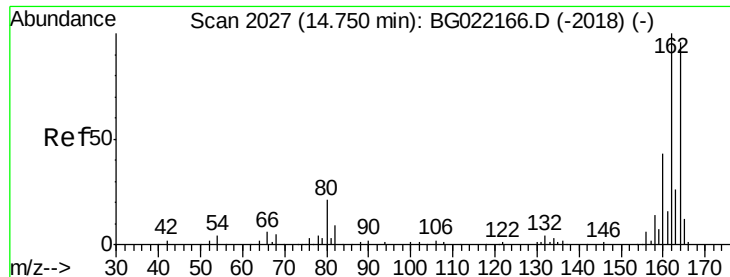
Tgt Ion:107 Resp: 83516
 Ion Ratio Lower Upper
 107 100
 144 28.4 19.2 28.8
 142 85.5 59.1 88.7



#37
 2-Methylnaphthalene
 Concen: 40.39 ng
 RT: 12.46 min Scan# 1637
 Delta R.T. -0.10 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion:142 Resp: 167607
 Ion Ratio Lower Upper
 142 100
 141 93.1 71.4 107.0
 115 29.3 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

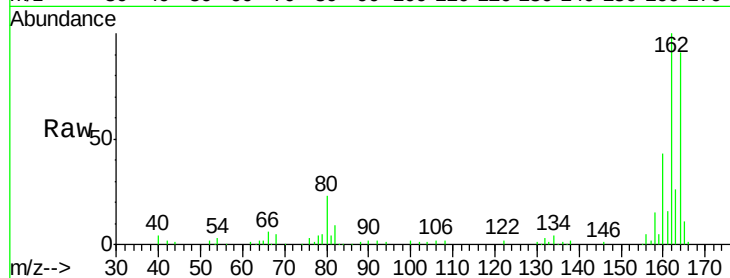
Tgt Ion:164 Resp: 68986

Ion Ratio Lower Upper

164 100

162 110.2 78.0 117.0

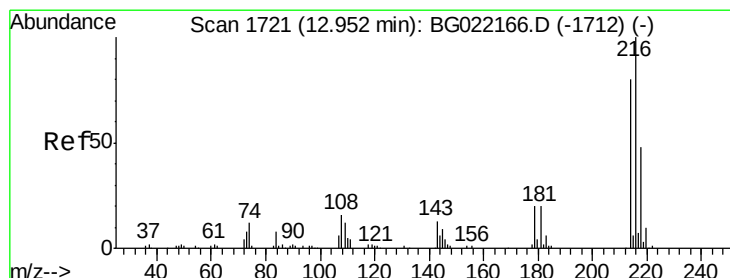
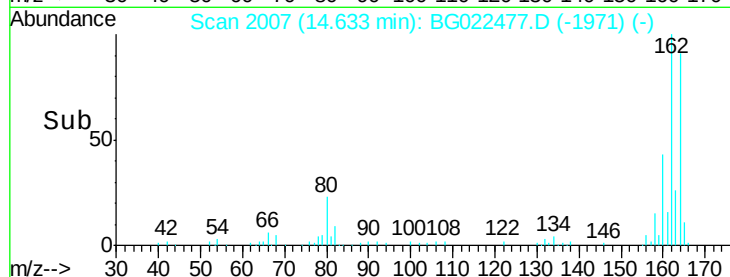
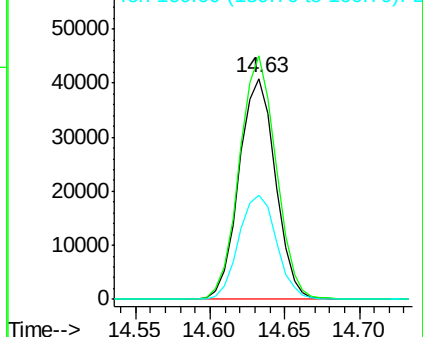
160 47.3 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.79 ng

RT: 12.82 min Scan# 1699

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Tgt Ion:216 Resp: 67103

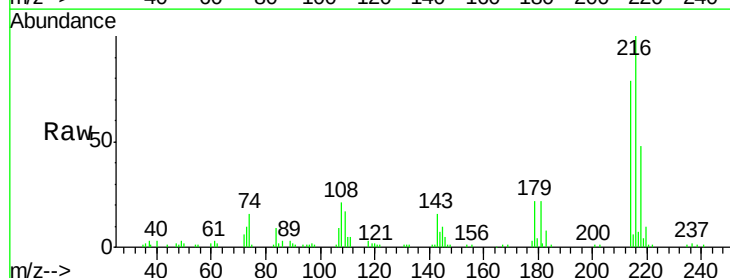
Ion Ratio Lower Upper

216 100

214 79.2 62.2 93.2

179 22.8 16.7 25.1

108 20.7 14.0 21.0

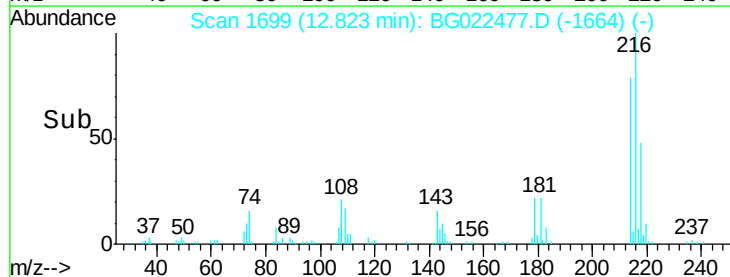
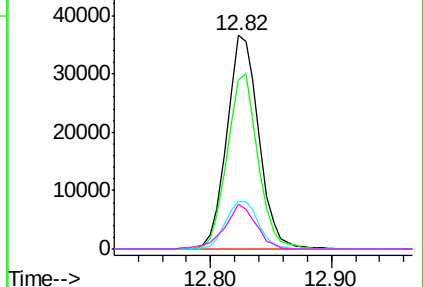


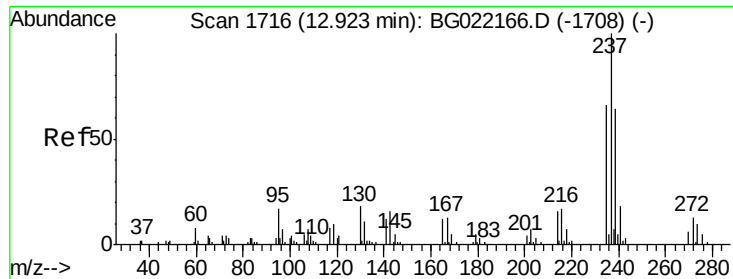
Abundance Ion 216.00 (215.70 to 216.70): E

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

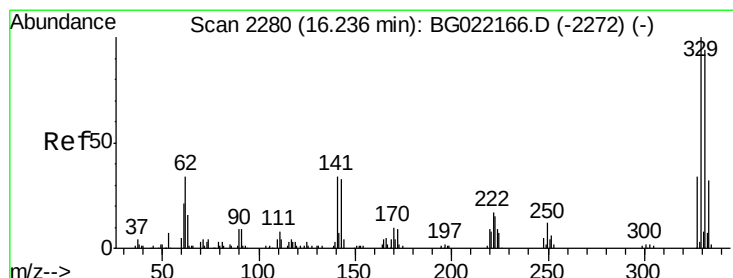
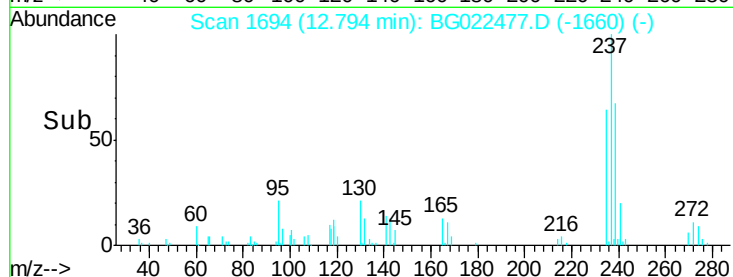
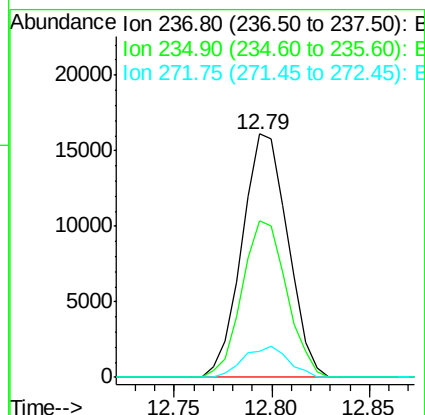
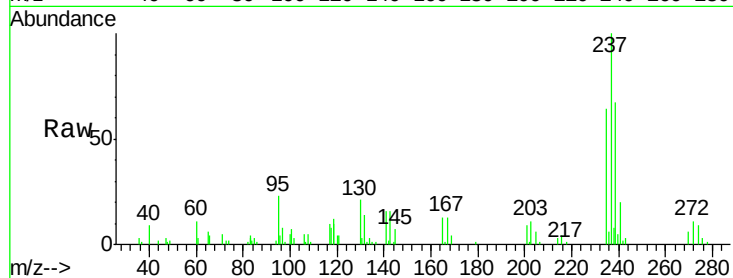




#40
Hexachlorocyclopentadiene
Concen: 32.15 ng
RT: 12.79 min Scan# 1694
Delta R.T. -0.10 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

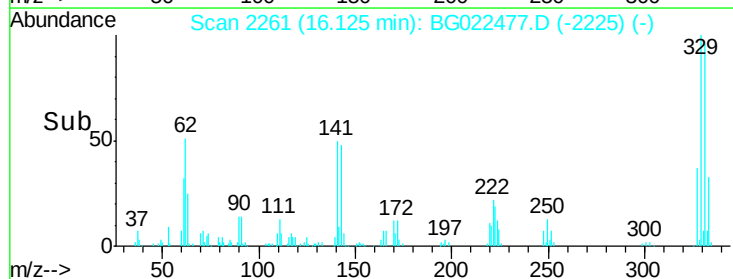
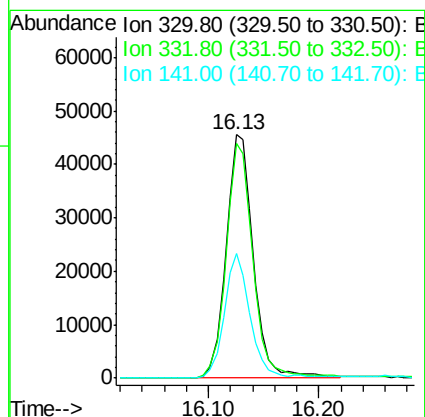
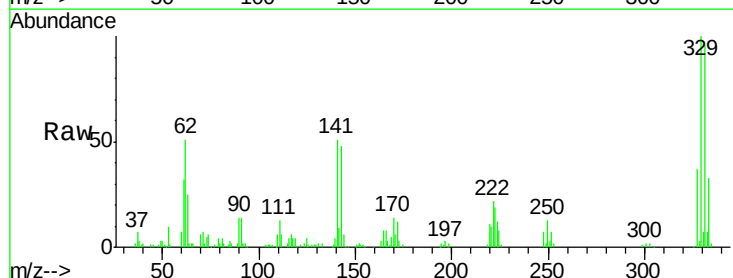
Instrument :
BNA_G
ClientSampleId :
PB91508BS

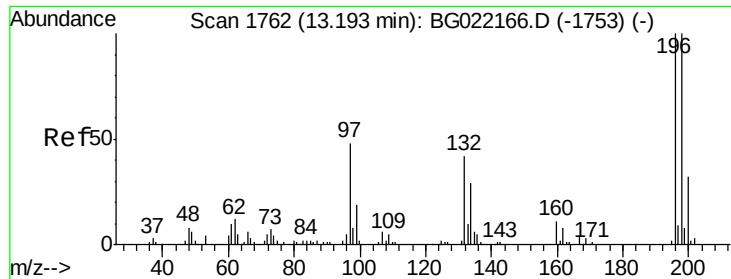
Tgt Ion: 237 Resp: 26128
Ion Ratio Lower Upper
237 100
235 64.3 43.2 83.2
272 10.6 0.0 33.4



#41
2,4,6-Tribromophenol
Concen: 100.49 ng
RT: 16.13 min Scan# 2261
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion: 330 Resp: 78329
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 48.8 33.8 50.8

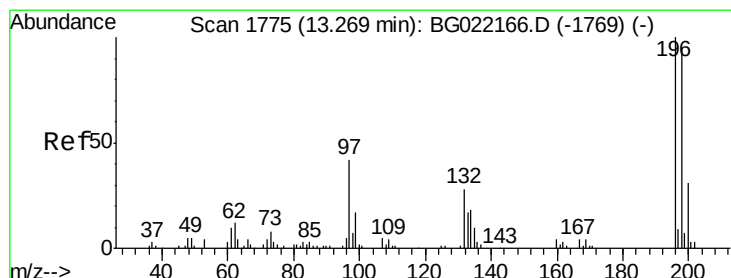
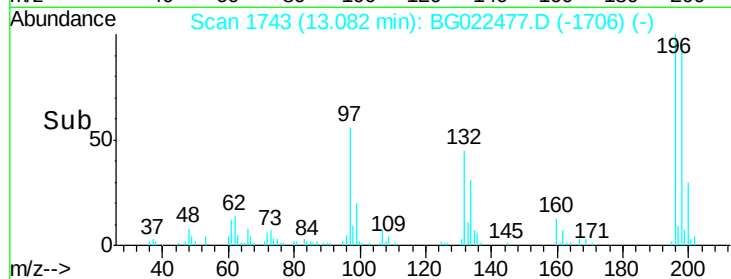
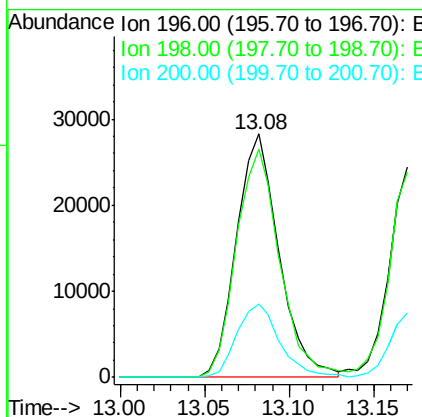
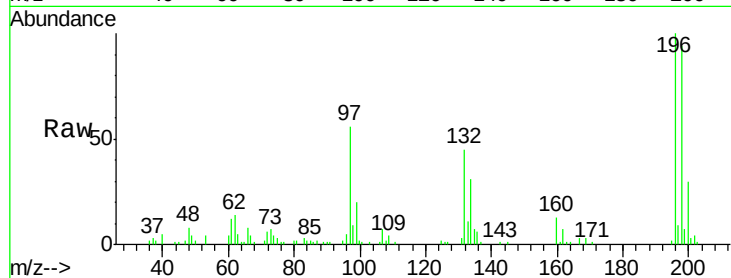




#42
 2,4,6-Trichlorophenol
 Concen: 41.72 ng
 RT: 13.08 min Scan# 1743
 Delta R.T. -0.09 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

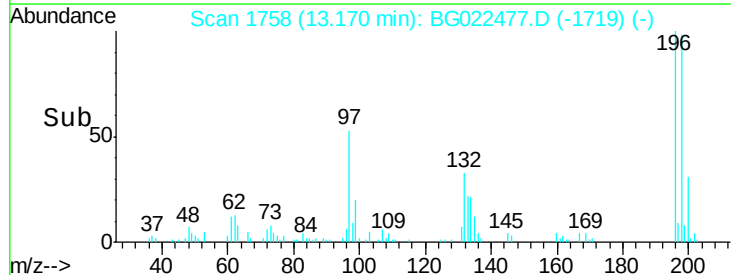
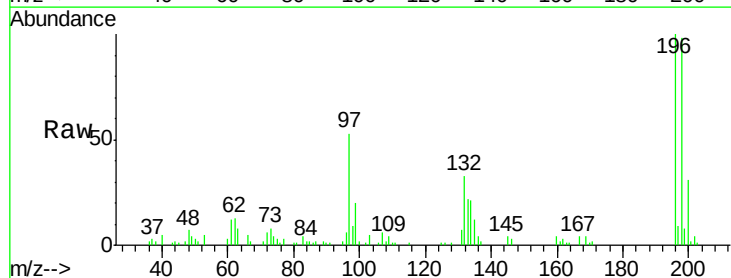
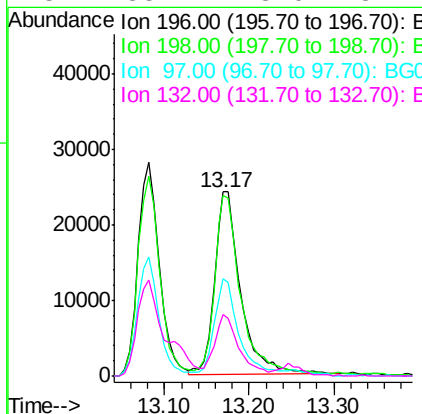
Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

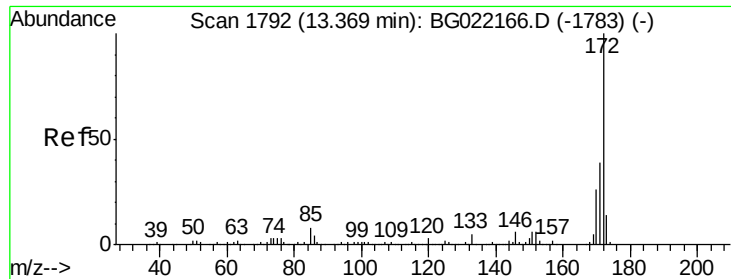
Tgt Ion:196 Resp: 49706
 Ion Ratio Lower Upper
 196 100
 198 93.7 80.1 120.1
 200 32.8 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 39.60 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.07 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion:196 Resp: 52116
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.0 117.0
 97 52.6 43.0 64.6
 132 33.4 23.0 34.4

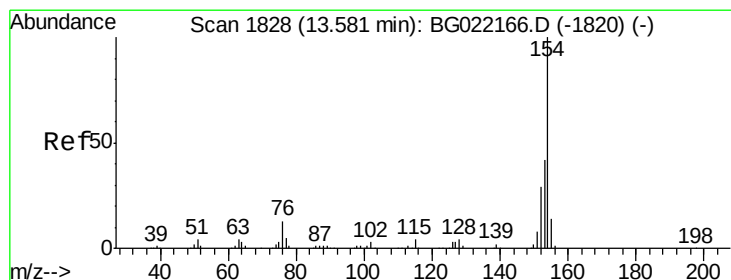
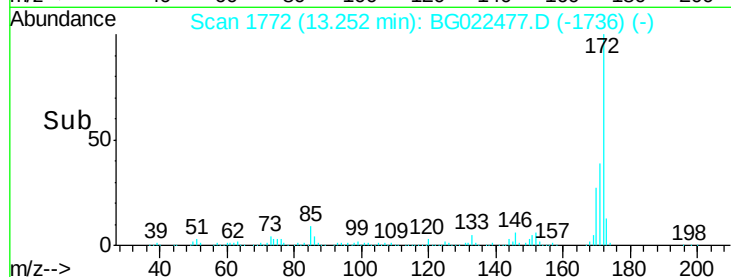
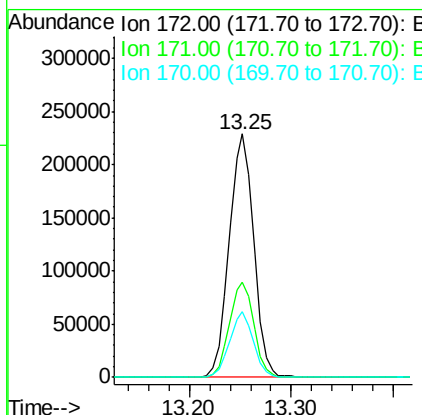
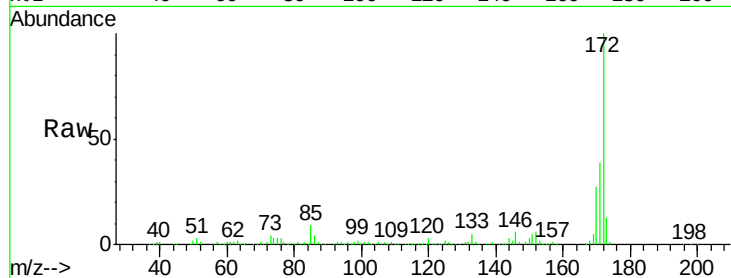




#44
2-Fluorobiphenyl
Concen: 84.86 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

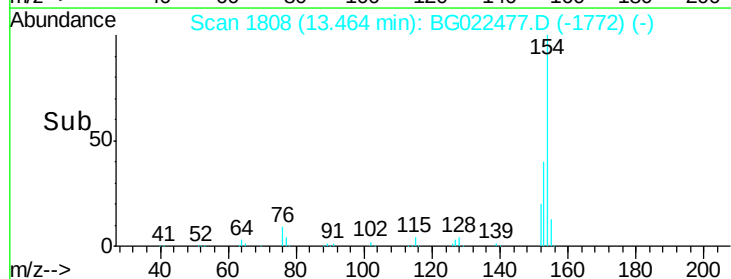
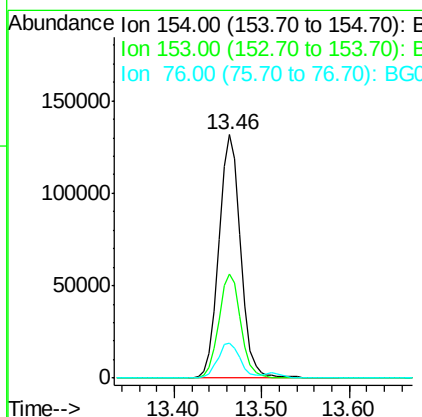
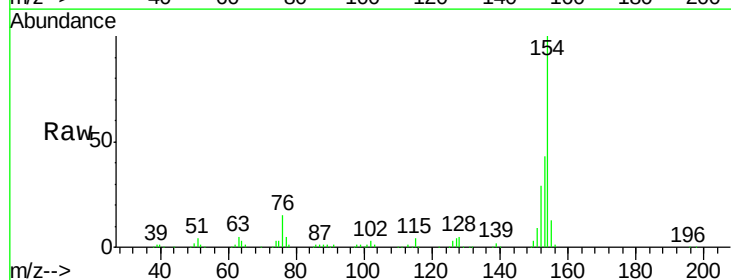
Instrument :
BNA_G
ClientSampleId :
PB91508BS

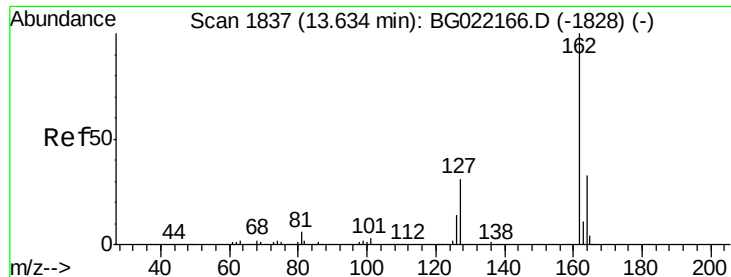
Tgt Ion:172 Resp: 384151
Ion Ratio Lower Upper
172 100
171 38.9 27.8 41.6
170 26.9 19.6 29.4



#45
1,1'-Biphenyl
Concen: 43.77 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:154 Resp: 227252
Ion Ratio Lower Upper
154 100
153 42.7 19.7 59.7
76 14.6 0.0 33.0

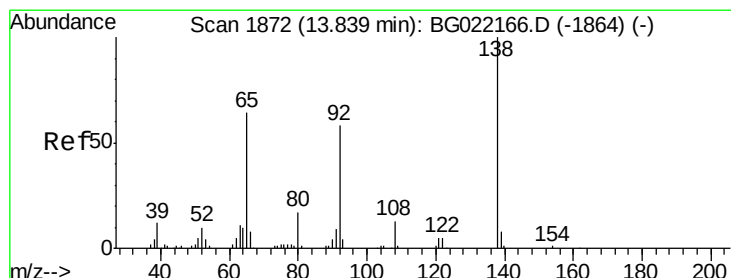
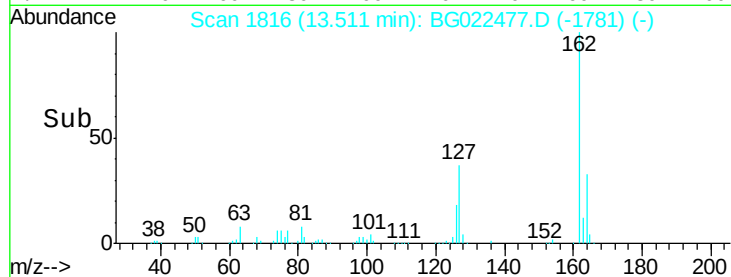
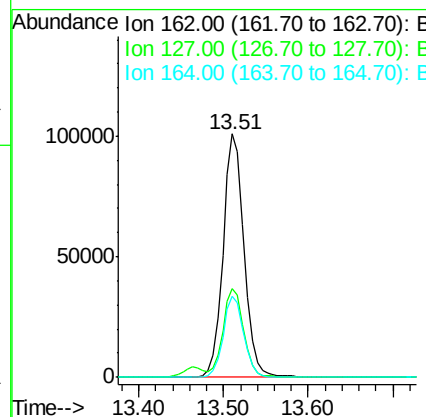
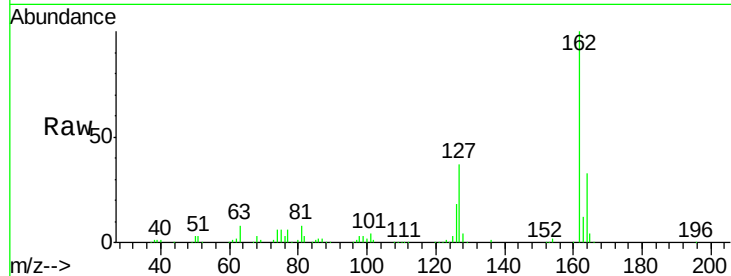




#46
 2-Chloronaphthalene
 Concen: 43.77 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.10 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

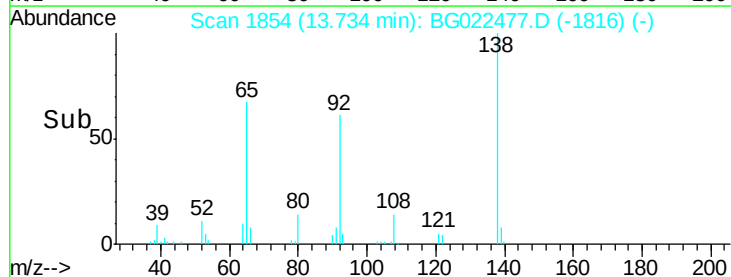
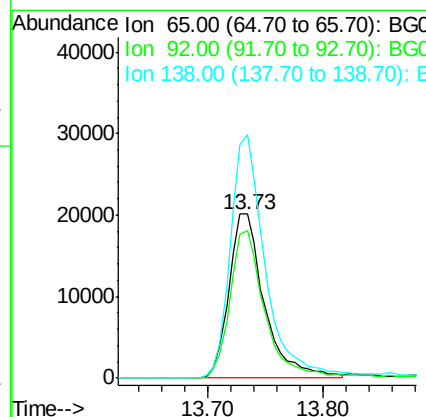
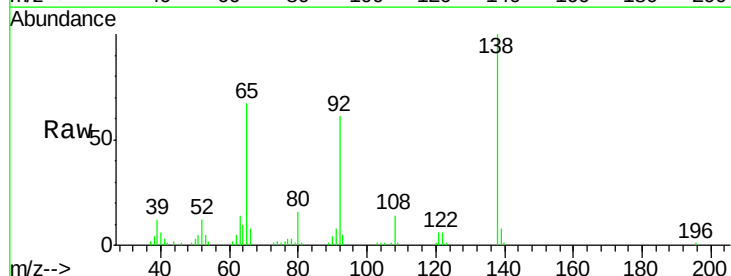
Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

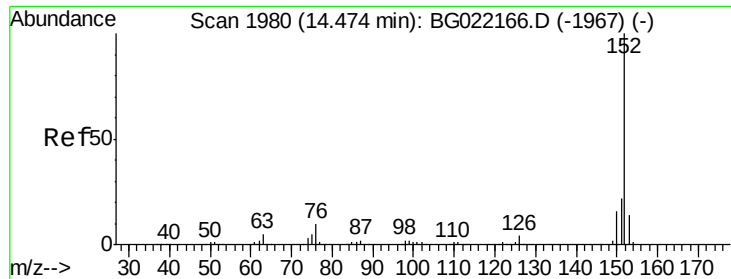
Tgt Ion: 162 Resp: 174203
 Ion Ratio Lower Upper
 162 100
 127 36.7 32.0 48.0
 164 33.4 27.0 40.4



#47
 2-Nitroaniline
 Concen: 45.41 ng
 RT: 13.73 min Scan# 1854
 Delta R.T. -0.08 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion: 65 Resp: 43091
 Ion Ratio Lower Upper
 65 100
 92 90.3 49.2 73.8#
 138 148.4 75.0 112.6#





#48

Acenaphthylene

Concen: 43.60 ng

RT: 14.36 min Scan# 1960

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

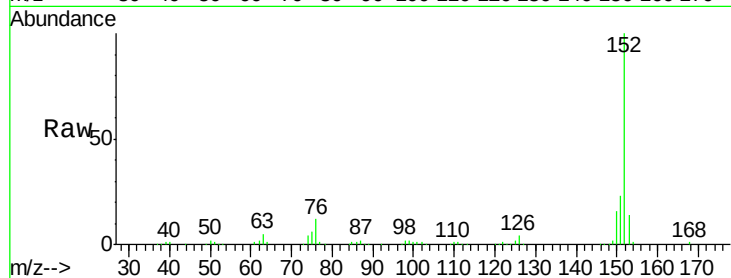
Tgt Ion:152 Resp: 304437

Ion Ratio Lower Upper

152 100

151 22.6 16.6 24.8

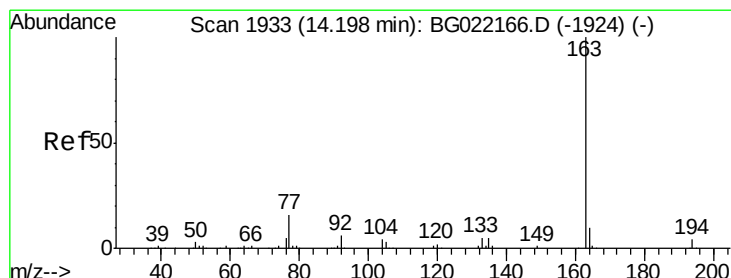
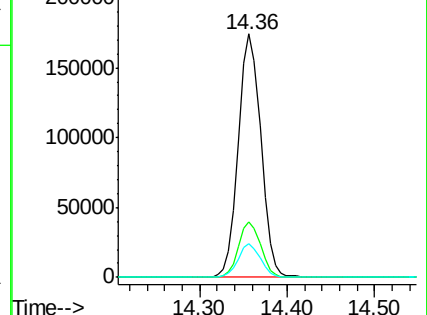
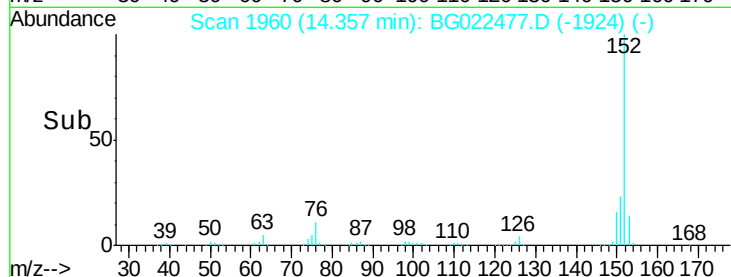
153 13.9 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.36 ng

RT: 14.09 min Scan# 1914

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

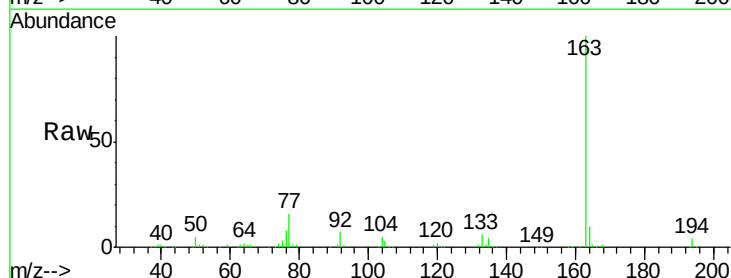
Tgt Ion:163 Resp: 236553

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

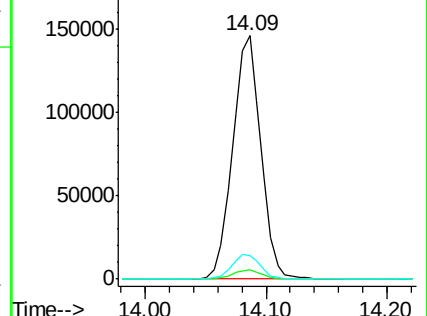
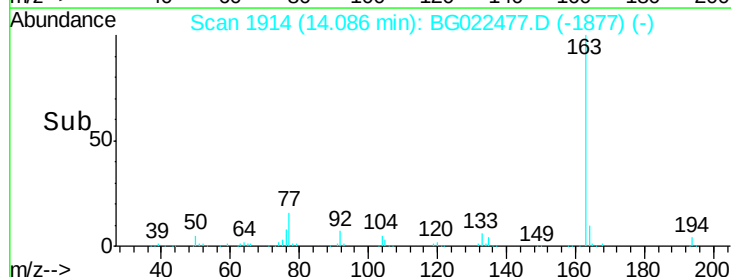
164 9.7 8.1 12.1

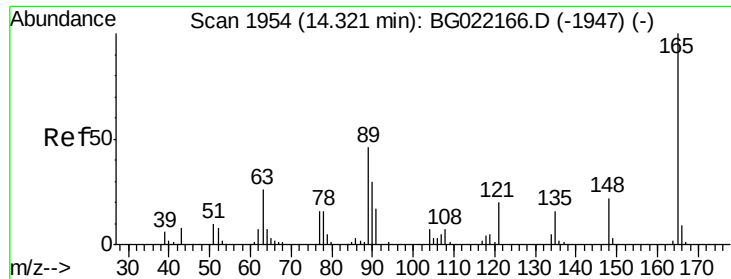


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

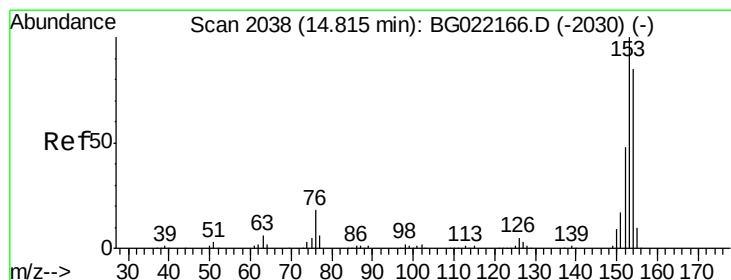
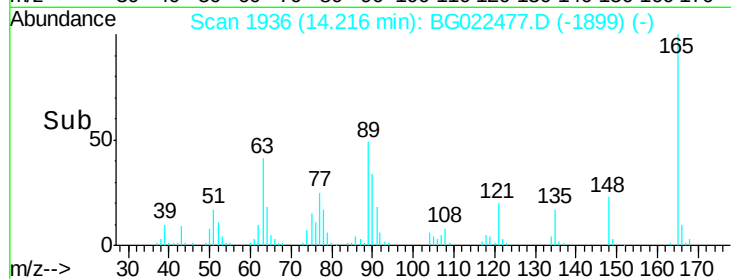
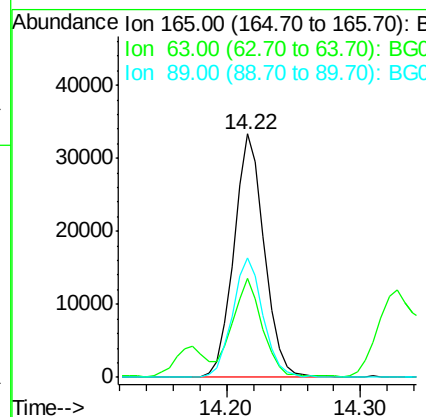
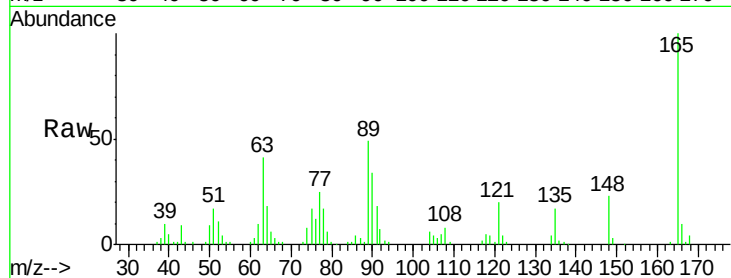




#50
2,6-Dinitrotoluene
Concen: 42.63 ng
RT: 14.22 min Scan# 1936
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

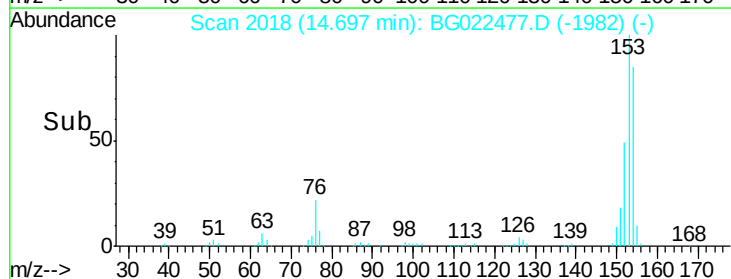
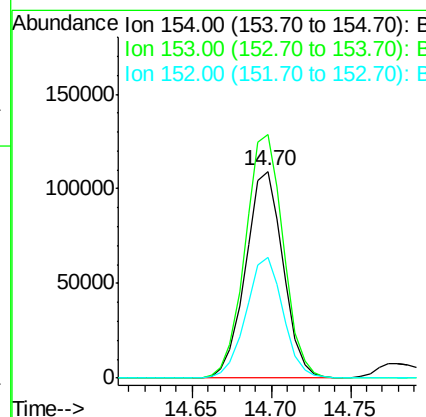
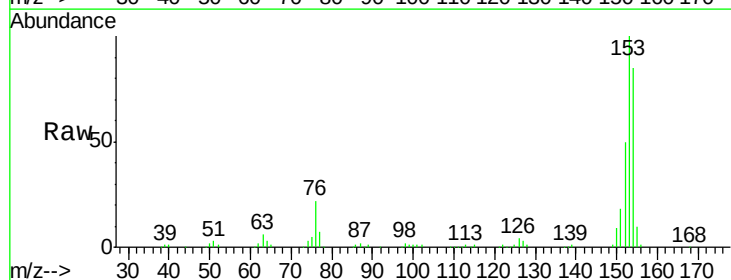
Instrument :
BNA_G
ClientSampleId :
PB91508BS

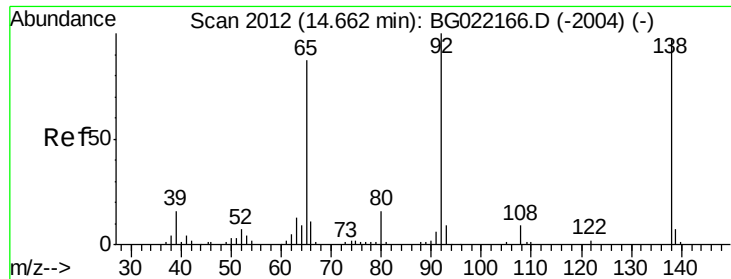
Tgt Ion:165 Resp: 53006
Ion Ratio Lower Upper
165 100
63 40.8 48.2 72.4#
89 49.3 45.3 67.9



#51
Acenaphthene
Concen: 42.90 ng
RT: 14.70 min Scan# 2018
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:154 Resp: 179479
Ion Ratio Lower Upper
154 100
153 117.9 91.9 137.9
152 58.4 42.0 63.0





#52

3-Nitroaniline

Concen: 17.09 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.07 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

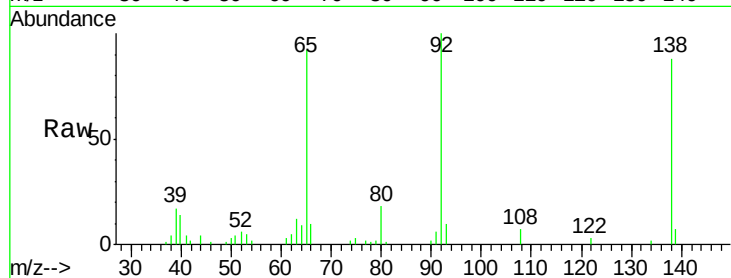
Tgt Ion:138 Resp: 23575

Ion Ratio Lower Upper

138 100

108 8.0 9.1 13.7#

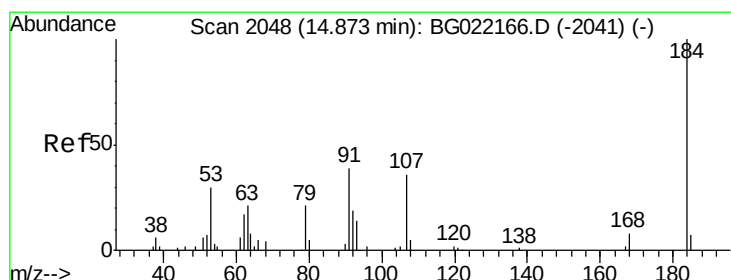
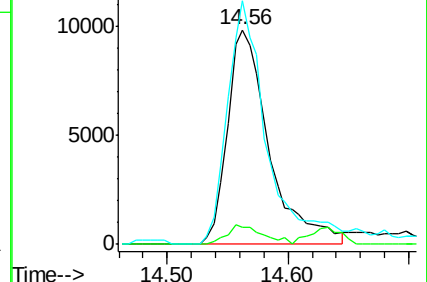
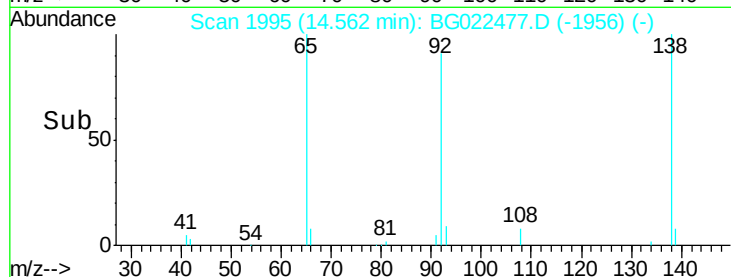
92 113.7 102.6 154.0



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): B



#53

2,4-Dinitrophenol

Concen: 70.05 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.07 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

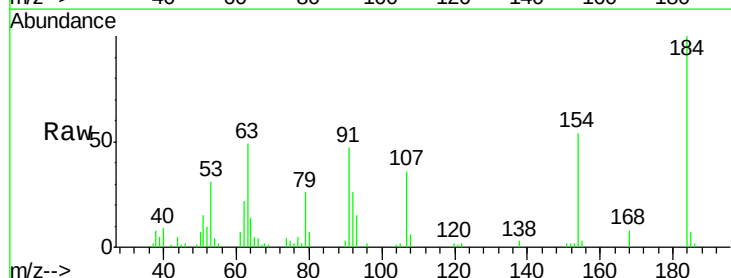
Tgt Ion:184 Resp: 34768

Ion Ratio Lower Upper

184 100

63 49.2 57.3 85.9#

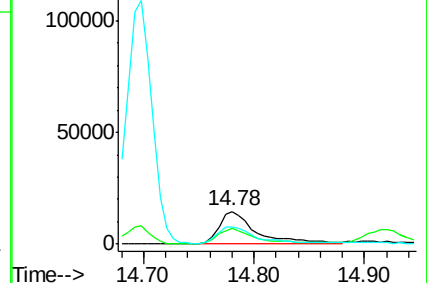
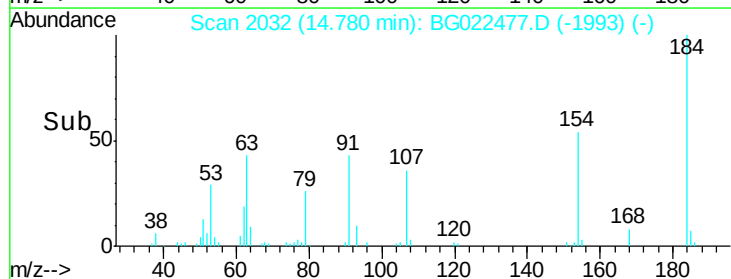
154 53.6 55.2 82.8#

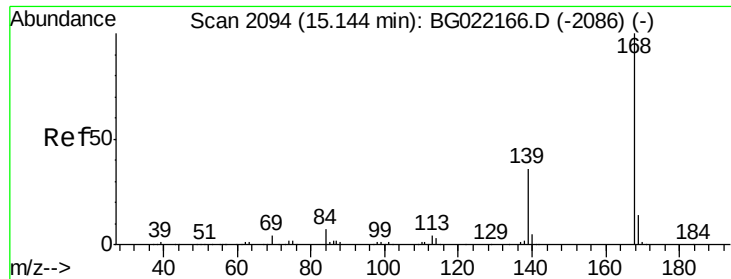


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 43.00 ng

RT: 15.03 min Scan# 2075

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

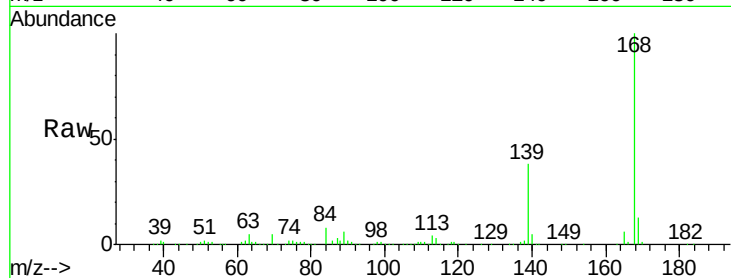
Tgt Ion:168 Resp: 280761

Ion Ratio Lower Upper

168 100

139 37.5 31.1 46.7

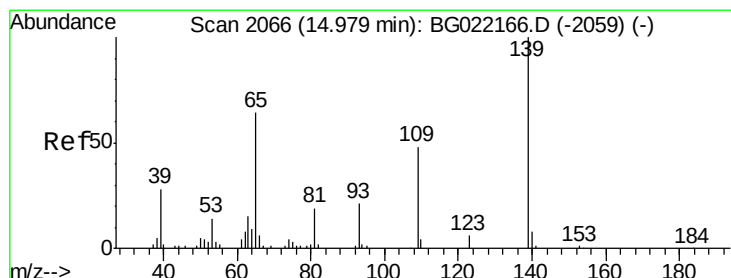
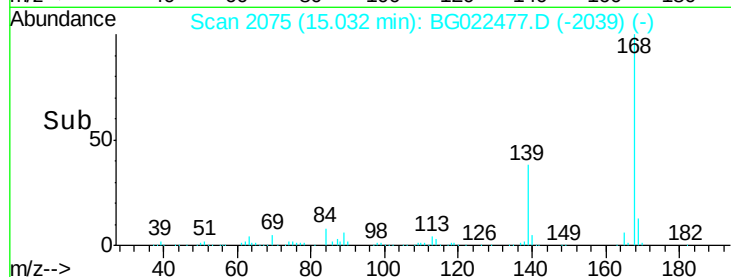
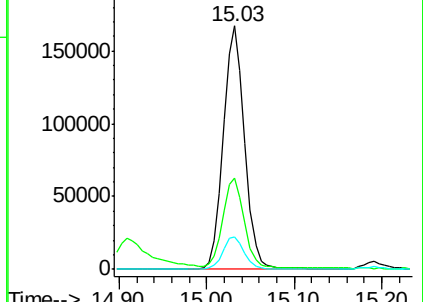
169 13.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 61.21 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.05 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

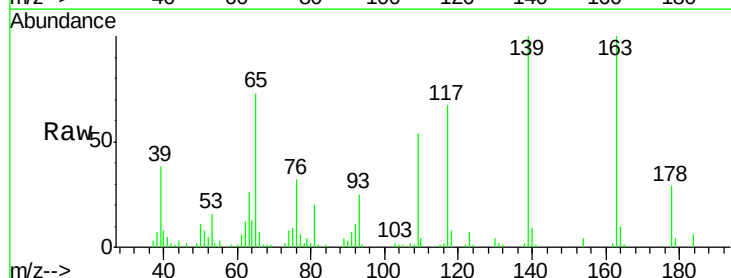
Tgt Ion:139 Resp: 58261

Ion Ratio Lower Upper

139 100

109 53.5 49.2 89.2

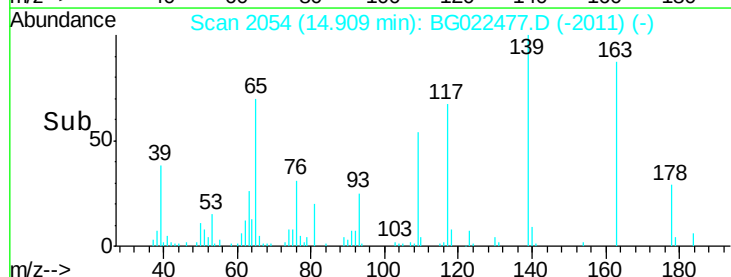
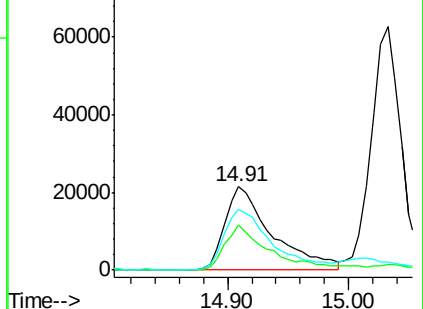
65 73.2 83.2 123.2#

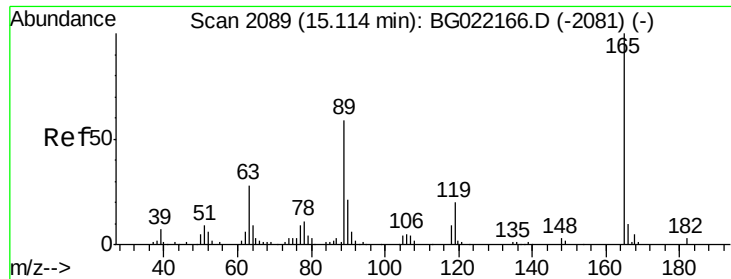


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 44.31 ng

RT: 15.01 min Scan# 2072

Delta R.T. -0.08 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

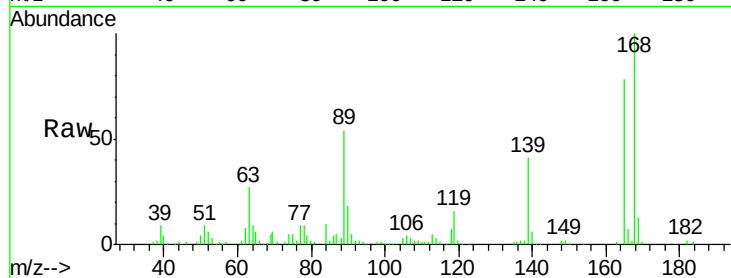
Instrument :

BNA_G

ClientSampleId :

PB91508BS

Tgt Ion:	165	Resp:	73907
Ion Ratio	Lower	Upper	
165	100		
63	34.8	37.4	56.0#
89	69.5	59.4	89.0
182	2.3	2.1	3.1

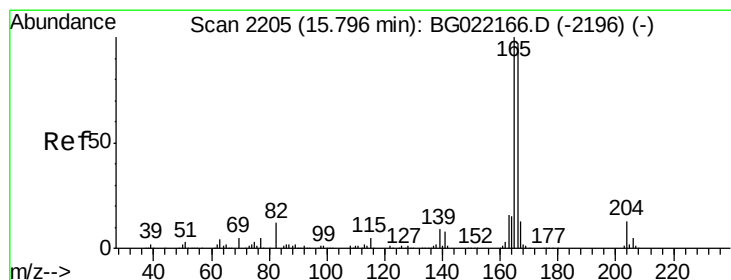
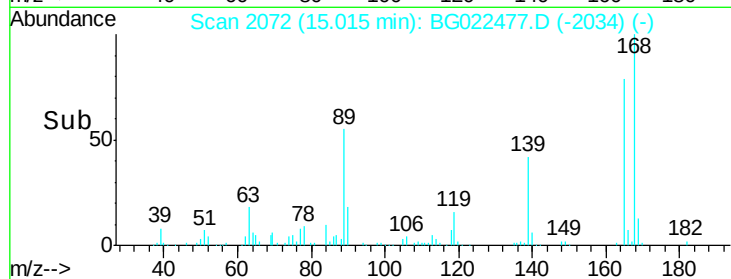
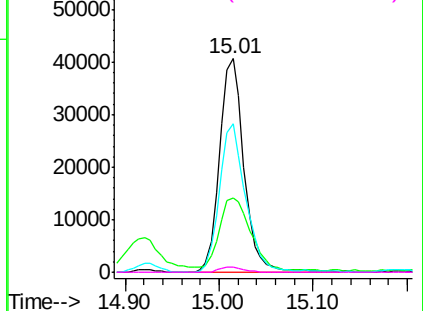


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.09 ng

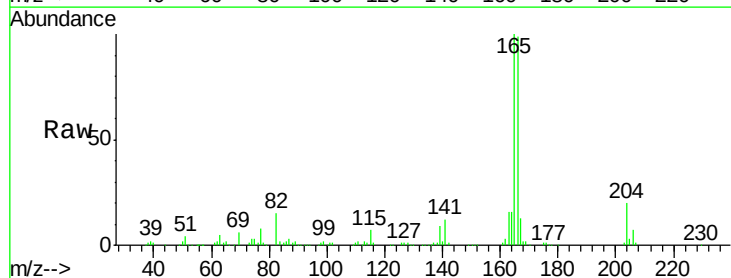
RT: 15.68 min Scan# 2185

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

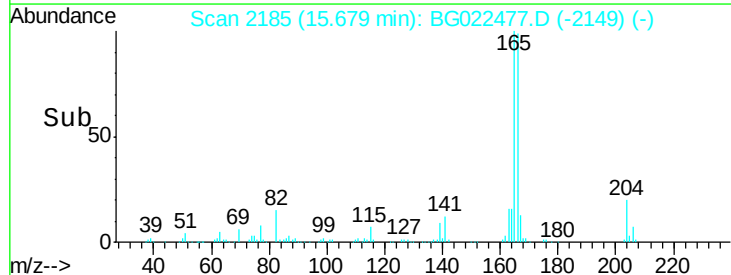
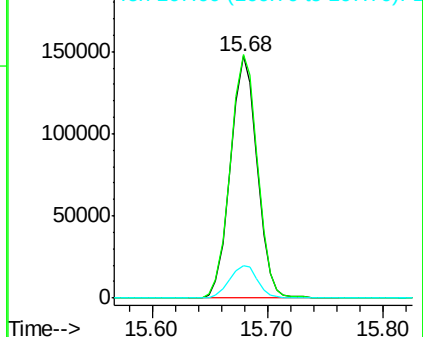
Tgt Ion:	166	Resp:	236717
Ion Ratio	Lower	Upper	
166	100		
165	100.5	79.0	118.4
167	13.3	10.7	16.1

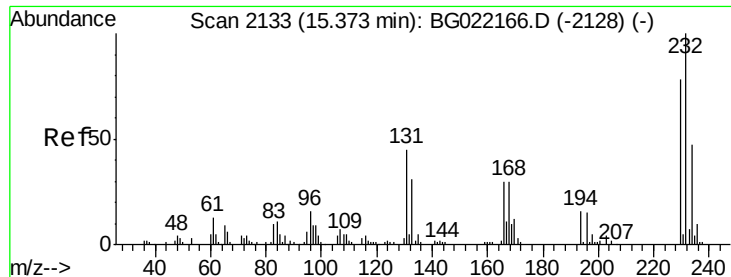


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

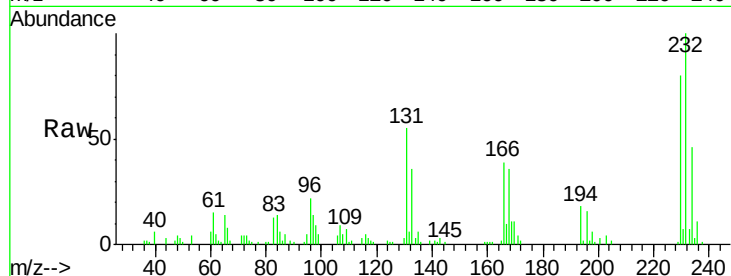




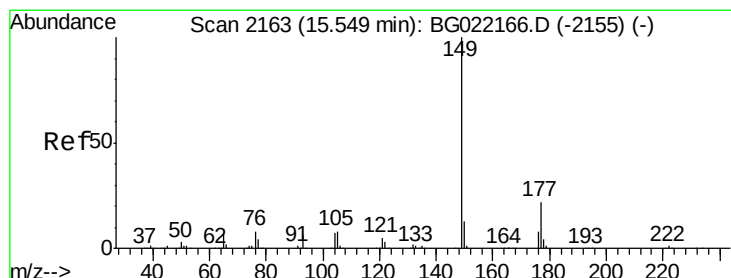
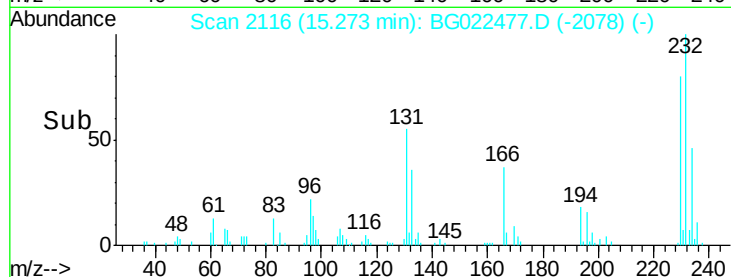
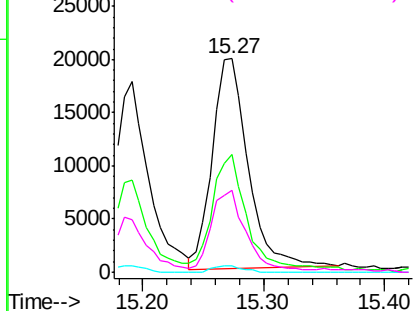
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.25 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.08 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

Tgt Ion: 232 Resp: 40433
 Ion Ratio Lower Upper
 232 100
 131 53.2 36.3 54.5
 130 2.6 1.9 2.9
 166 36.0 25.0 37.4

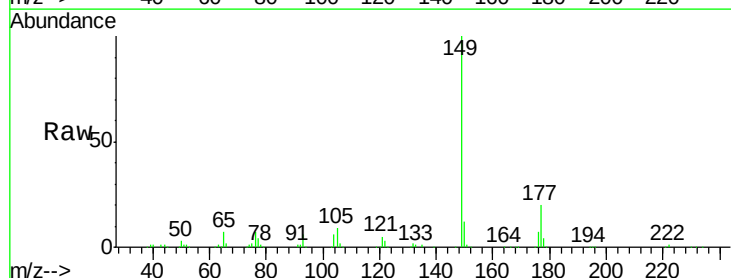


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

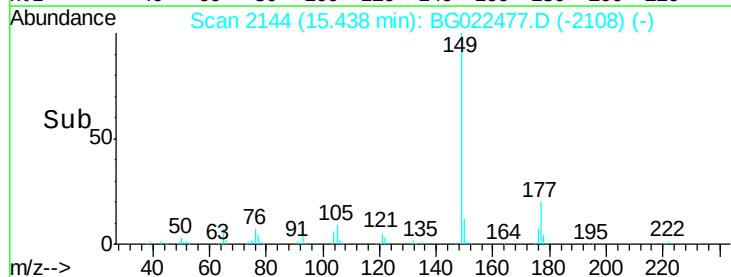
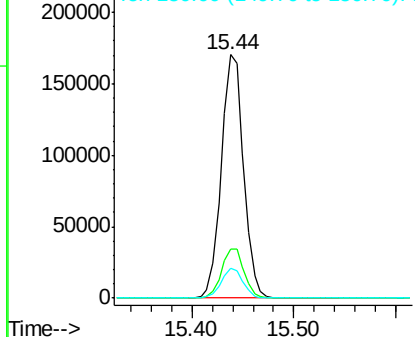


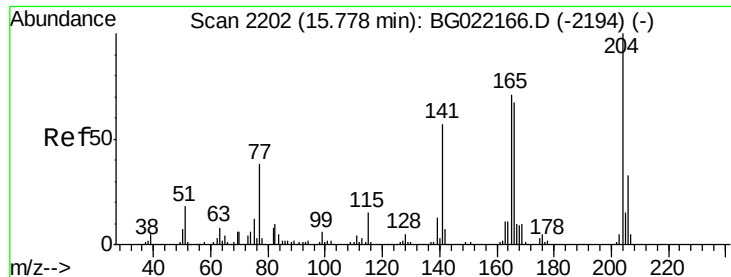
#59
 Diethylphthalate
 Concen: 42.28 ng
 RT: 15.44 min Scan# 2144
 Delta R.T. -0.09 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion: 149 Resp: 258306
 Ion Ratio Lower Upper
 149 100
 177 20.1 17.3 25.9
 150 12.1 9.7 14.5



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

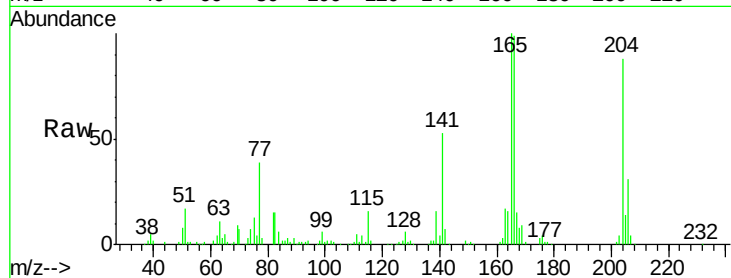




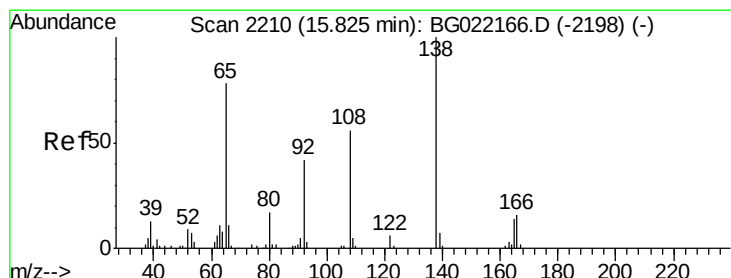
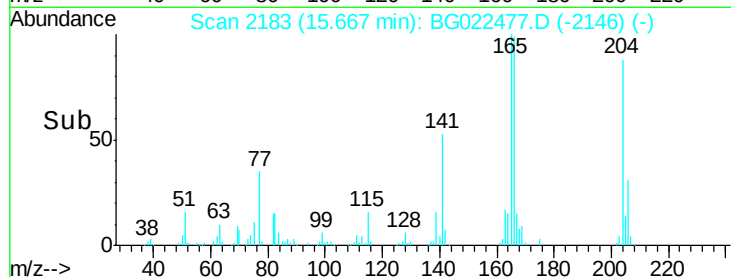
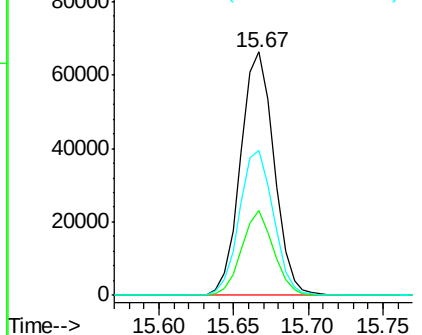
#60
4-Chlorophenyl-phenylether
Concen: 40.51 ng
RT: 15.67 min Scan# 2183
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Instrument :
BNA_G
ClientSampleId :
PB91508BS

Tgt Ion:204 Resp: 103186
Ion Ratio Lower Upper
204 100
206 34.9 27.8 41.8
141 59.8 51.0 76.4

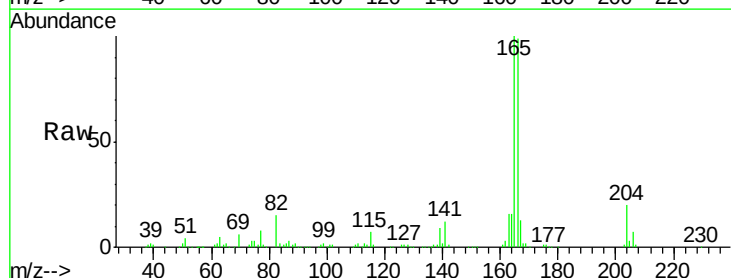


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

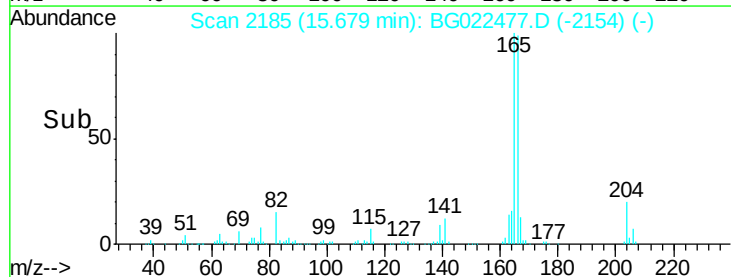
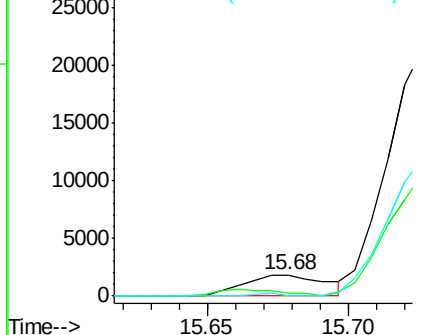


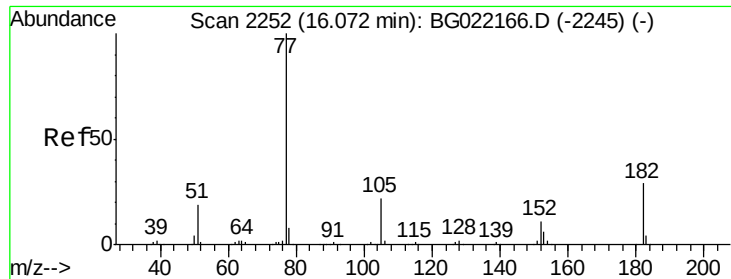
#61
4-Nitroaniline
Concen: 2.50 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.12 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:138 Resp: 3664
Ion Ratio Lower Upper
138 100
92 16.2 37.7 77.7#
108 0.0 59.4 99.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

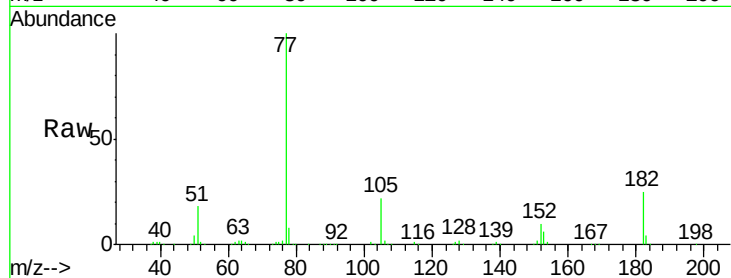




#62
Azobenzene
Concen: 46.90 ng
RT: 15.96 min Scan# 2233
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Instrument :
BNA_G
ClientSampleId :
PB91508BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.1	44.1
105	22.3	0.0	39.8
51	17.9	11.1	51.1

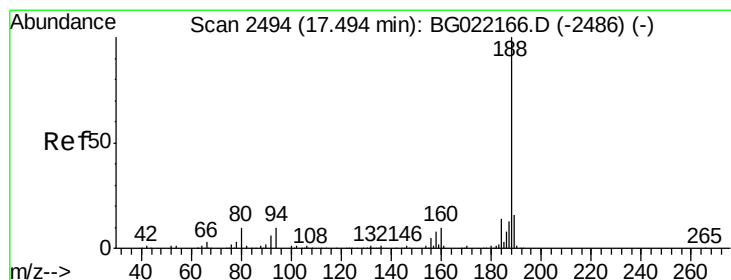
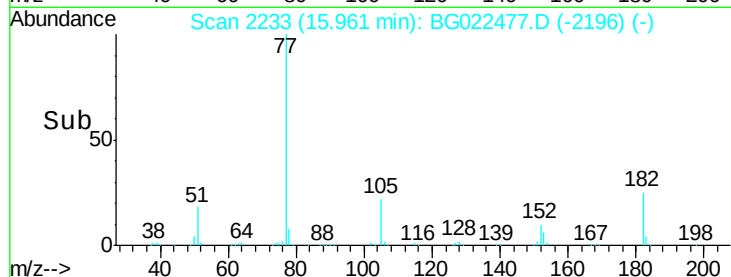
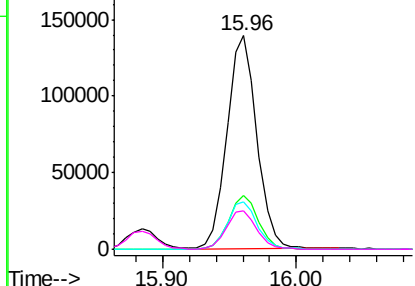


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

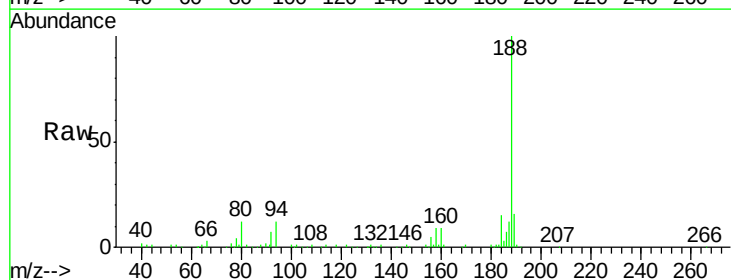
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2474
Delta R.T. -0.09 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

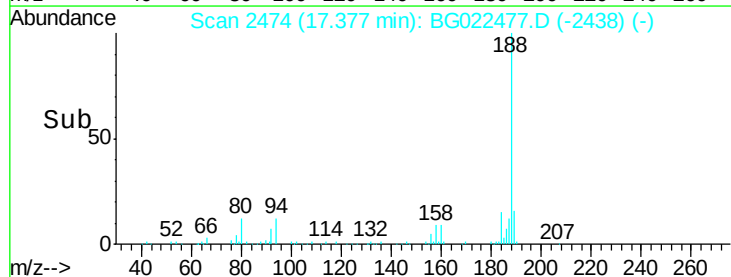
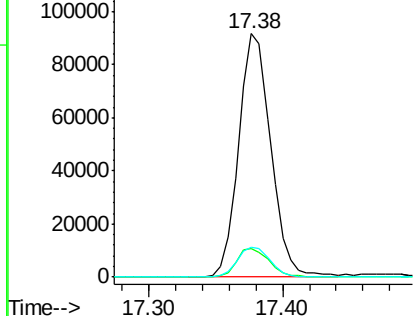
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.5	11.3#
80	12.3	8.6	13.0

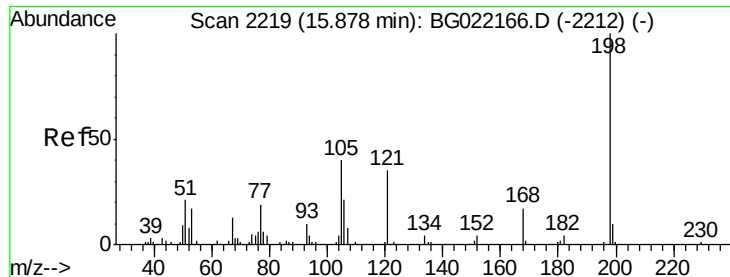


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

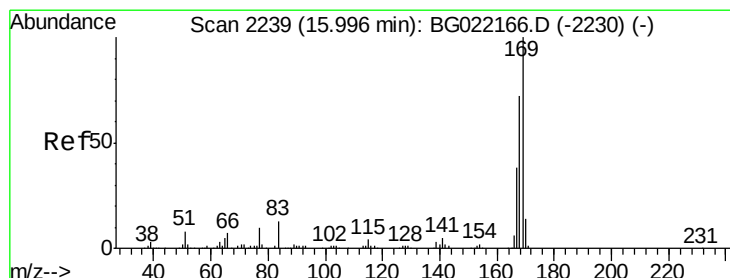
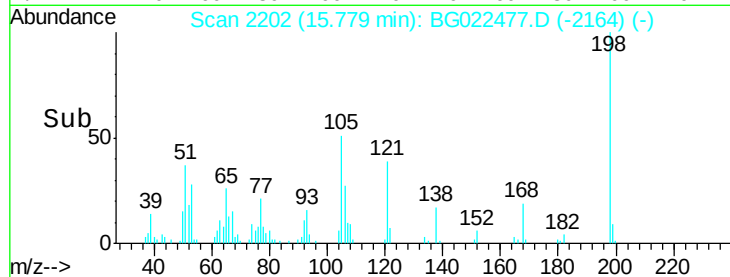
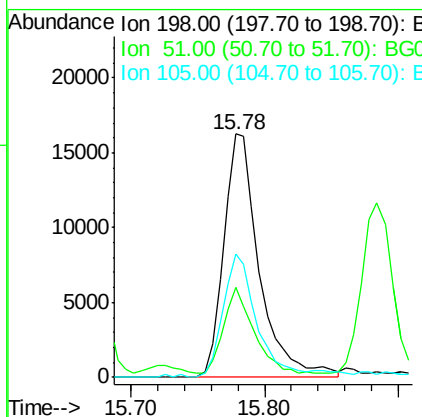
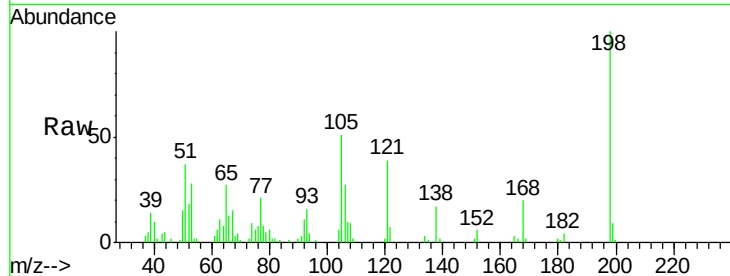




#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.03 ng
 RT: 15.78 min Scan# 2202
 Delta R.T. -0.08 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

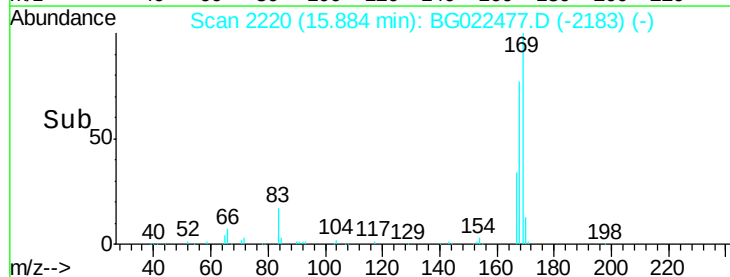
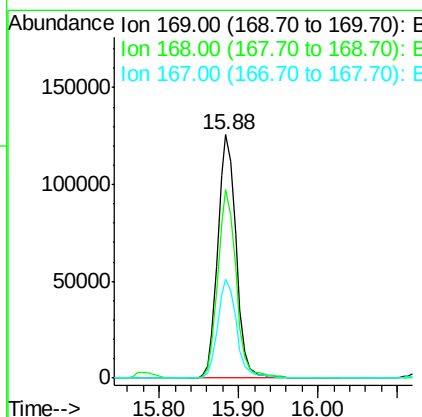
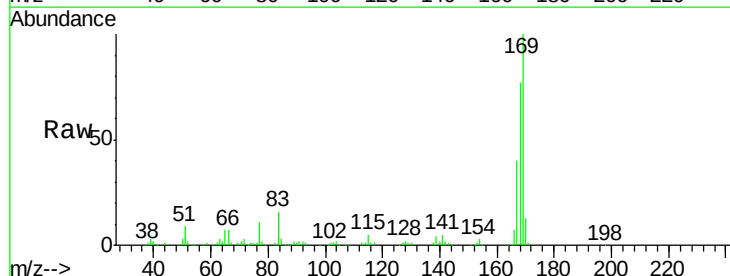
Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

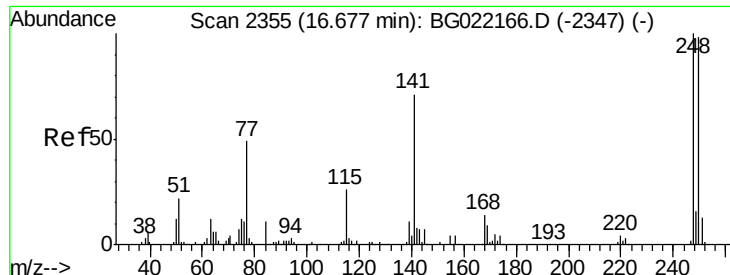
Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.0	29.2	69.2
105	50.7	24.0	64.0



#65
 n-Nitrosodiphenylamine
 Concen: 45.86 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.09 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	77.4	59.6	89.4
167	40.4	31.2	46.8

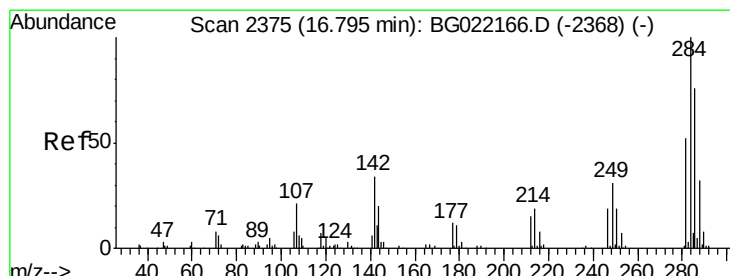
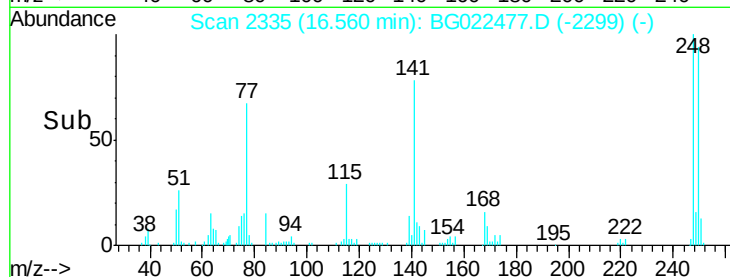
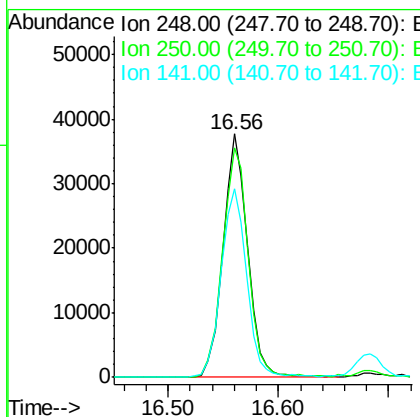
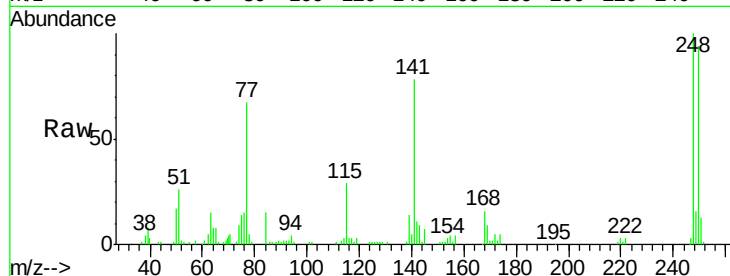




#66
 4-Bromophenyl-phenylether
 Concen: 40.77 ng
 RT: 16.56 min Scan# 2335
 Delta R.T. -0.09 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

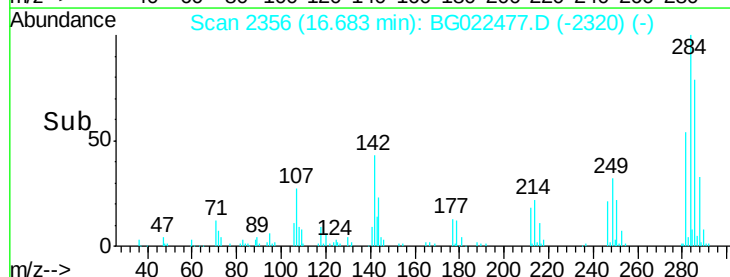
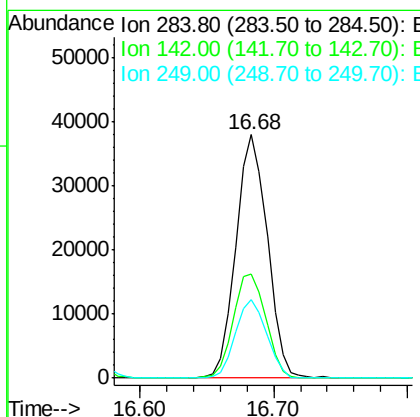
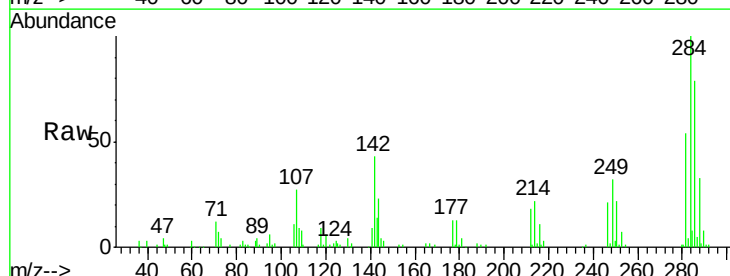
Instrument :
 BNA_G
 ClientSampleId :
 PB91508BS

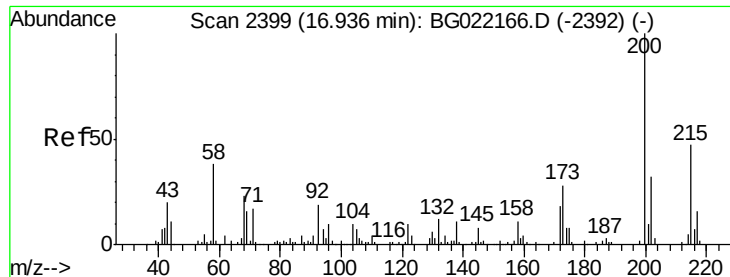
Tgt Ion:248 Resp: 58415
 Ion Ratio Lower Upper
 248 100
 250 94.1 76.6 114.8
 141 77.5 63.8 95.6



#67
 Hexachlorobenzene
 Concen: 37.07 ng
 RT: 16.68 min Scan# 2356
 Delta R.T. -0.09 min
 Lab File: BG022477.D
 Acq: 21 Jun 2016 22:14

Tgt Ion:284 Resp: 61899
 Ion Ratio Lower Upper
 284 100
 142 42.5 31.8 47.6
 249 35.1 27.3 40.9





#68

Atrazine

Concen: 39.04 ng

RT: 16.83 min Scan# 2381

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

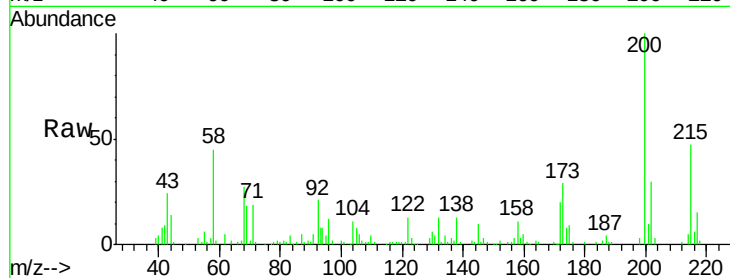
Tgt Ion:200 Resp: 63645

Ion Ratio Lower Upper

200 100

173 29.1 5.1 45.1

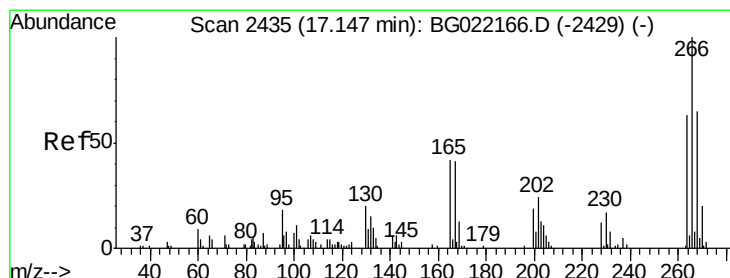
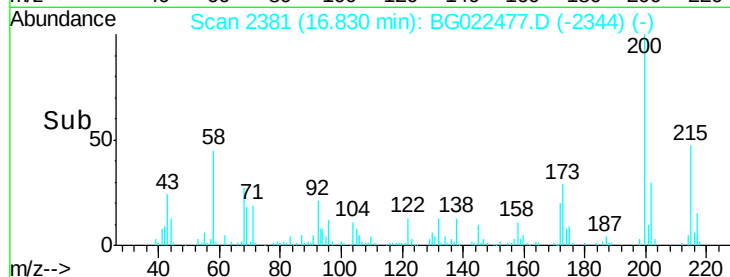
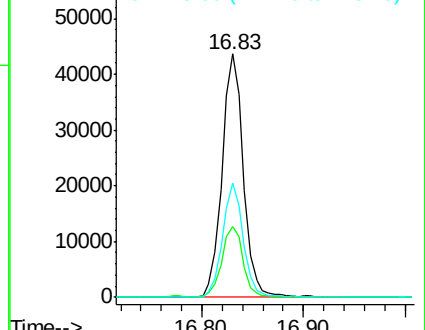
215 47.0 28.0 68.0



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: 46.25 ng

RT: 17.04 min Scan# 2417

Delta R.T. -0.08 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

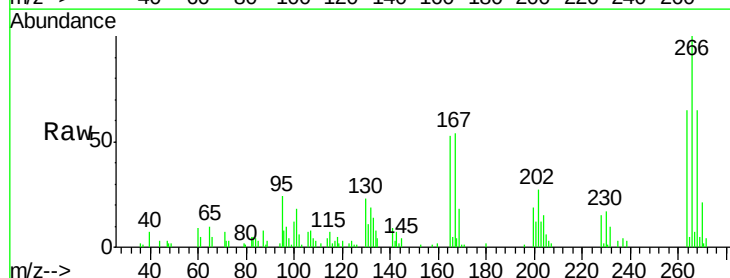
Tgt Ion:266 Resp: 32651

Ion Ratio Lower Upper

266 100

268 69.3 54.5 81.7

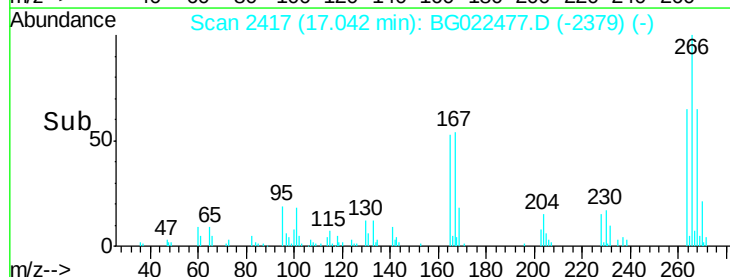
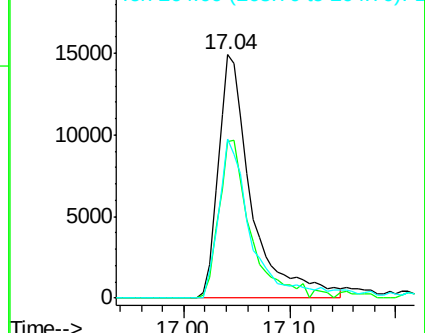
264 70.5 53.8 80.6

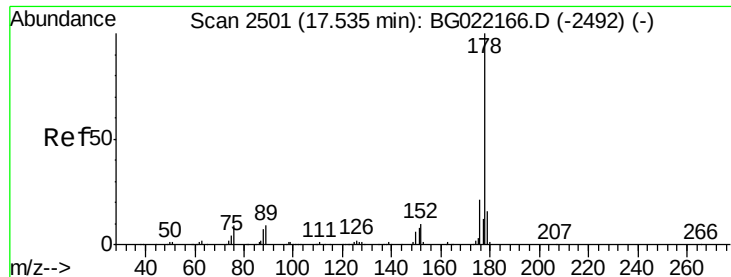


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 43.18 ng

RT: 17.42 min Scan# 2482

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

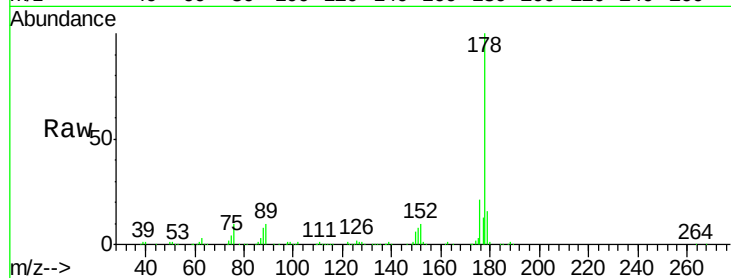
Tgt Ion:178 Resp: 358613

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.4

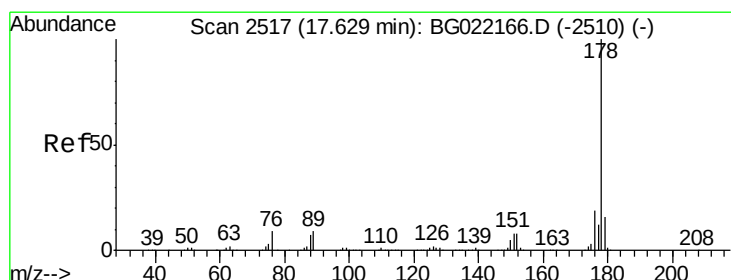
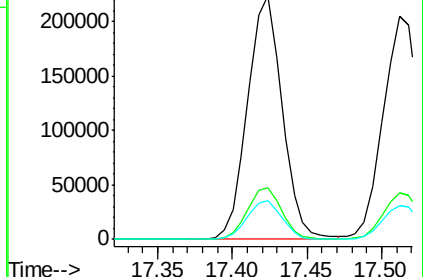
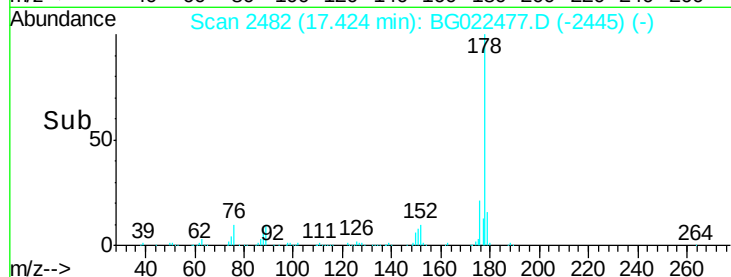
179 16.2 12.0 18.0



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: 43.94 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

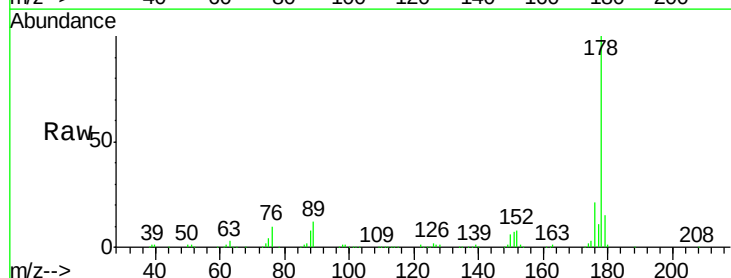
Tgt Ion:178 Resp: 361908

Ion Ratio Lower Upper

178 100

176 20.7 15.0 22.4

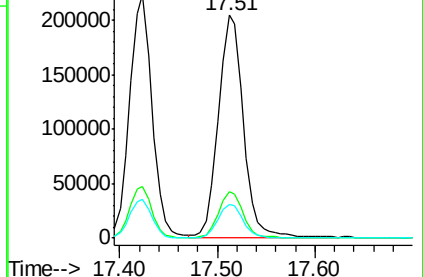
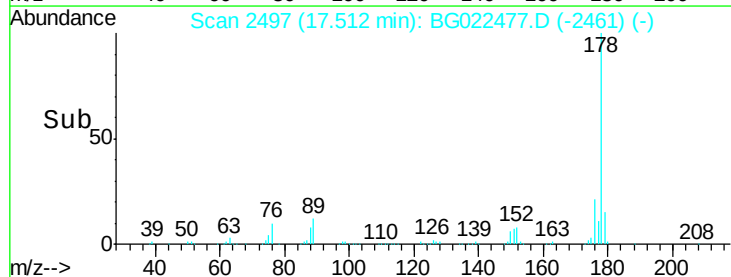
179 15.0 12.2 18.4

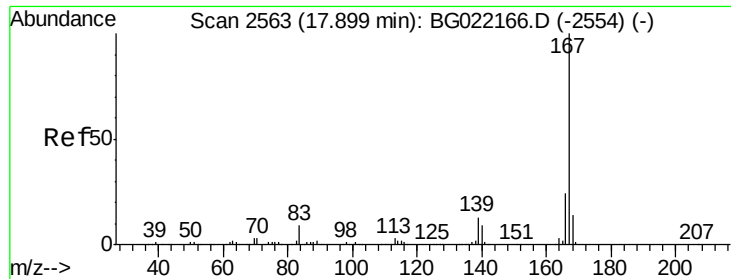


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.82 ng

RT: 17.79 min Scan# 2545

Delta R.T. -0.08 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

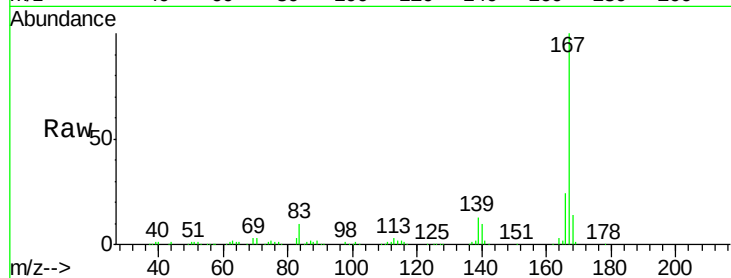
Tgt Ion:167 Resp: 334007

Ion Ratio Lower Upper

167 100

166 24.3 18.6 27.8

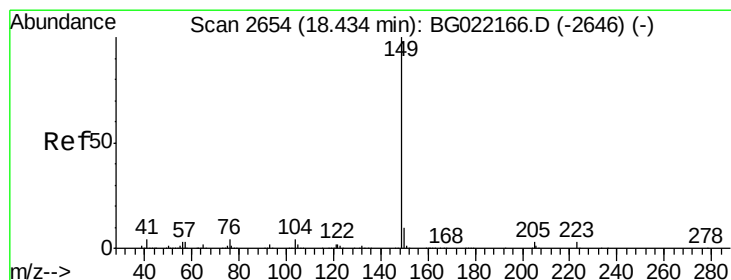
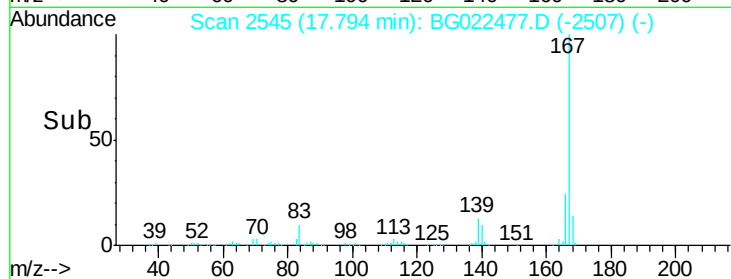
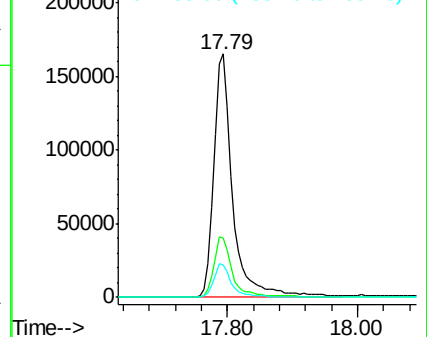
139 13.1 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.71 ng

RT: 18.32 min Scan# 2635

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

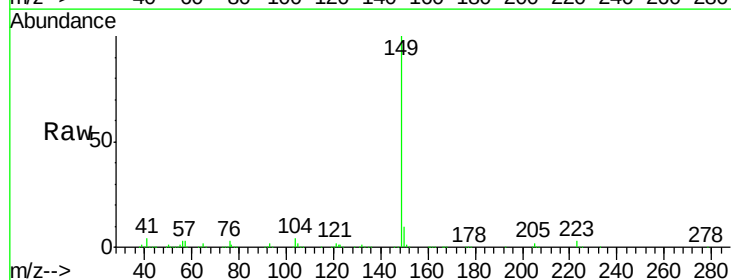
Tgt Ion:149 Resp: 466182

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.0

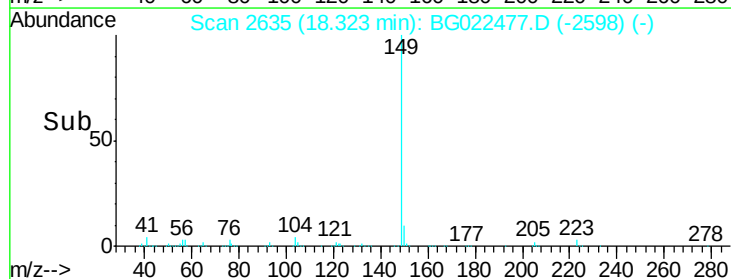
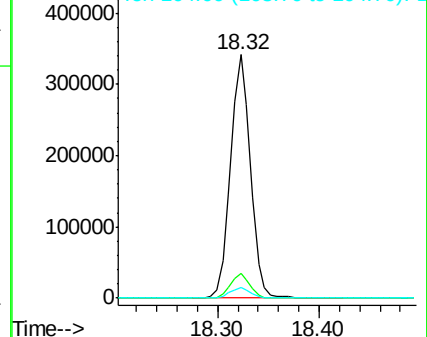
104 4.4 4.0 6.0

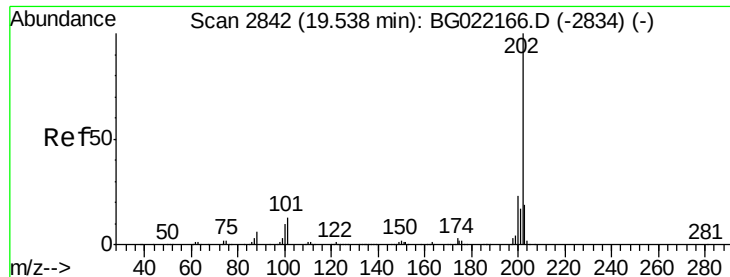


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 41.66 ng

RT: 19.43 min Scan# 2823

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

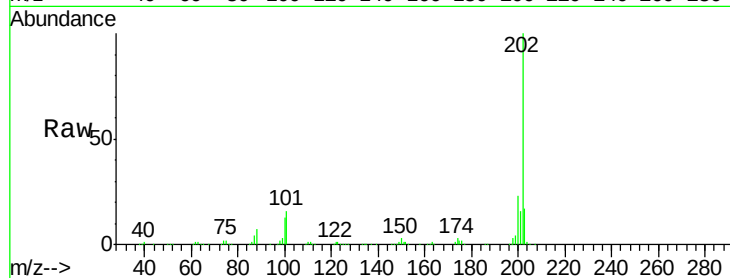
Tgt Ion:202 Resp: 397768

Ion Ratio Lower Upper

202 100

101 16.2 0.0 31.0

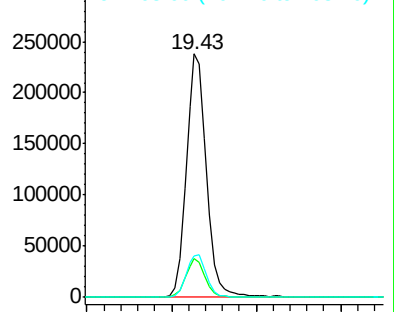
203 17.2 0.0 37.9



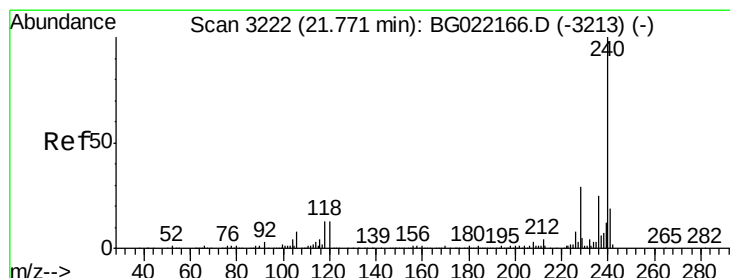
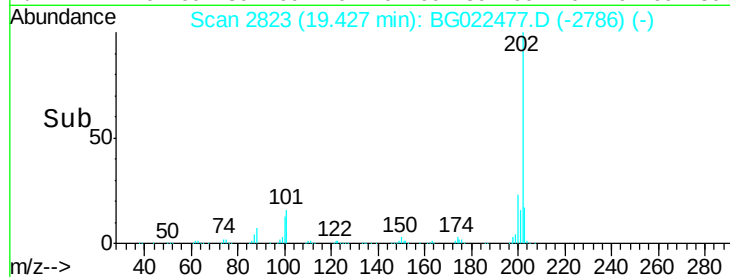
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50 19.60



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3199

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

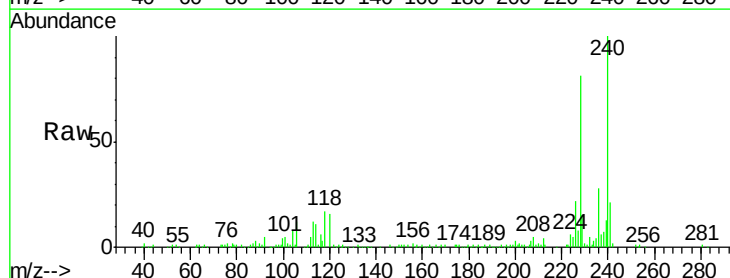
Tgt Ion:240 Resp: 131380

Ion Ratio Lower Upper

240 100

120 16.0 8.4 12.6#

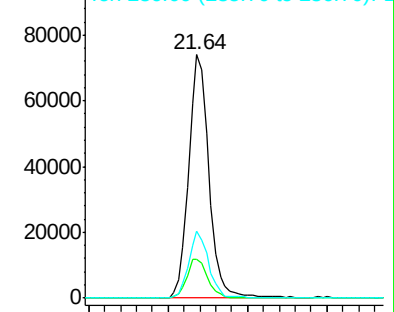
236 27.7 19.6 29.4



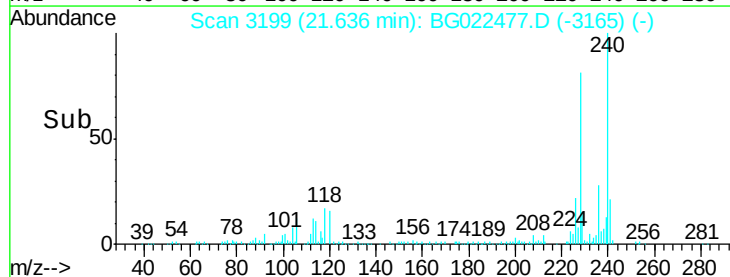
Abundance Ion 240.00 (239.70 to 240.70): E

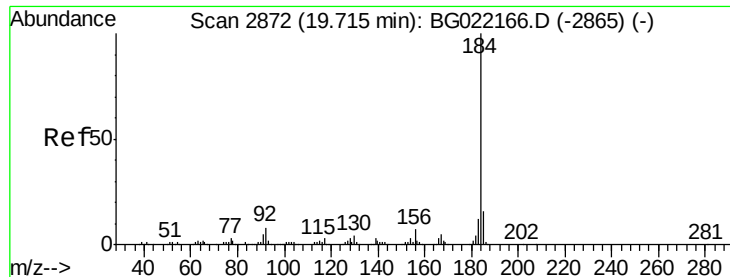
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70 21.80





#76

Benzidine

Concen: 31.21 ng

RT: 19.62 min Scan# 2856

Delta R.T. -0.07 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

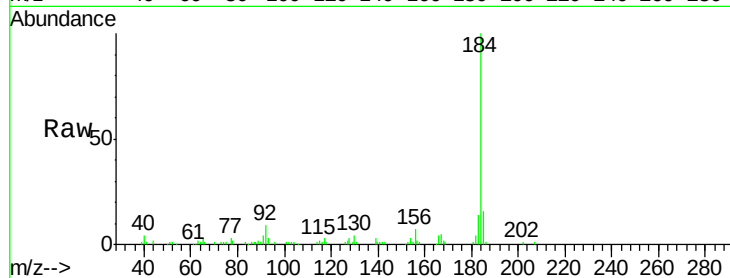
Tgt Ion:184 Resp: 107215

Ion Ratio Lower Upper

184 100

185 15.8 11.5 17.3

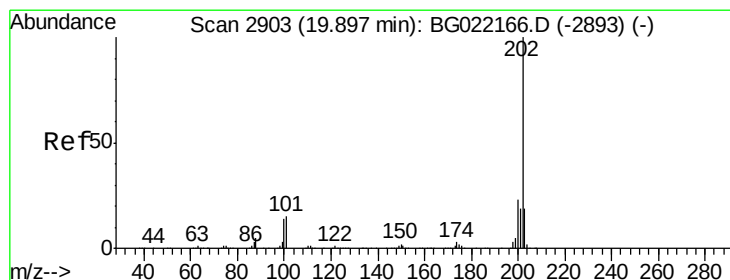
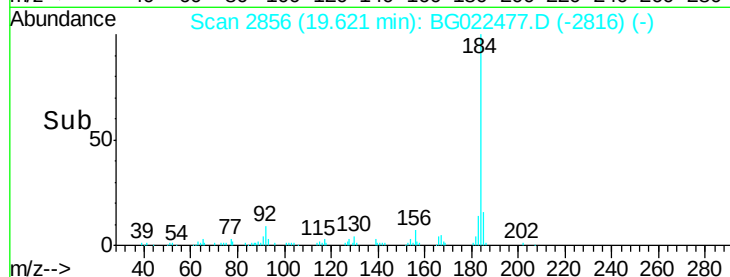
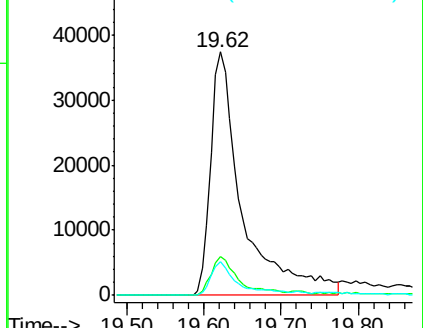
183 13.8 10.2 15.4



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: 47.98 ng

RT: 19.79 min Scan# 2885

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

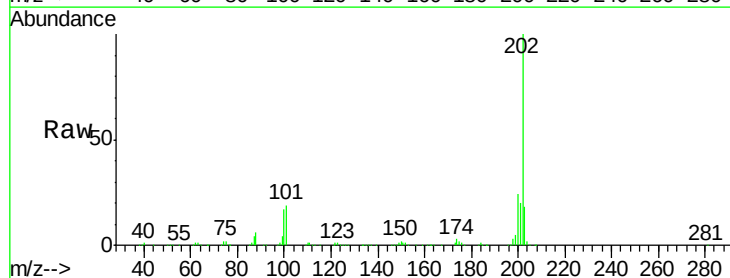
Tgt Ion:202 Resp: 391844

Ion Ratio Lower Upper

202 100

200 23.6 18.2 27.2

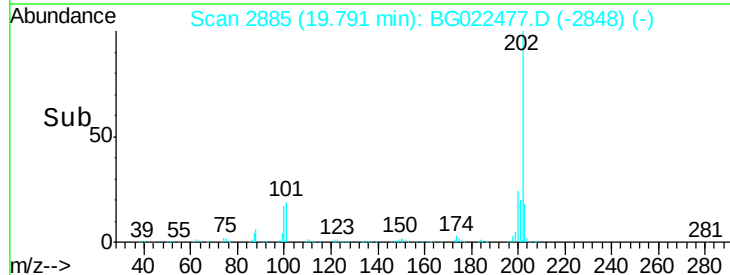
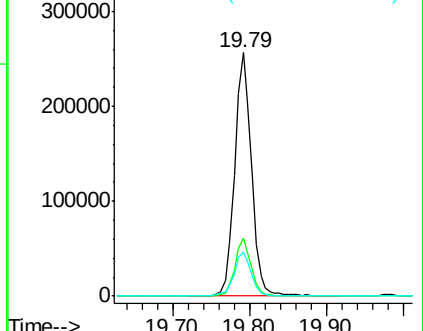
203 18.3 15.0 22.4

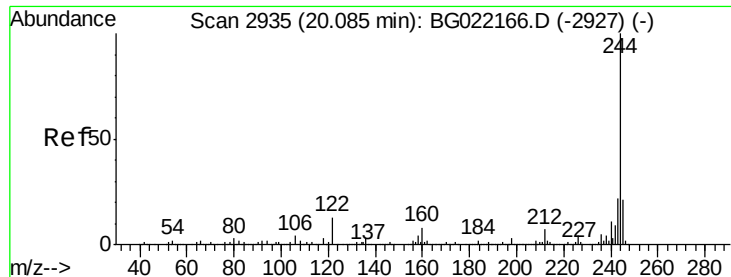


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.56 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.08 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

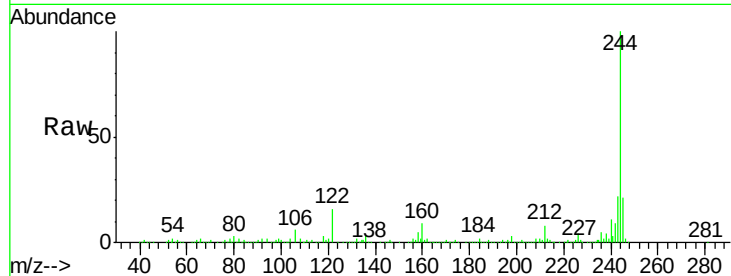
Tgt Ion:244 Resp: 501122

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

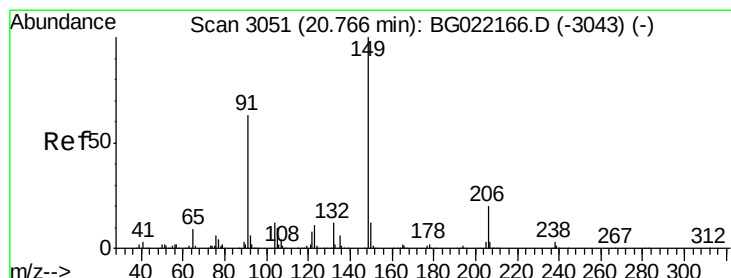
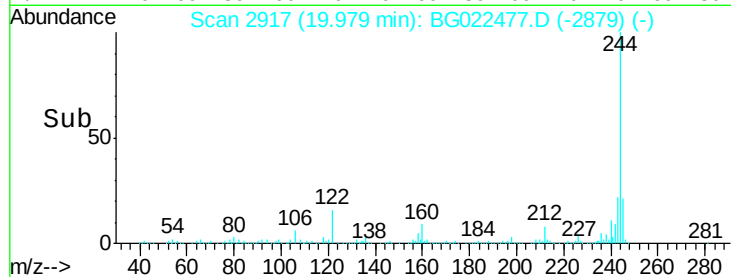
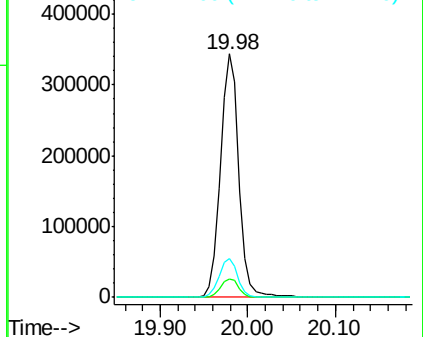
122 15.9 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 55.07 ng

RT: 20.66 min Scan# 3033

Delta R.T. -0.08 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

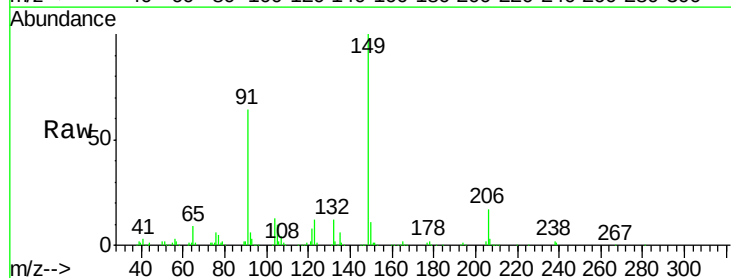
Tgt Ion:149 Resp: 208602

Ion Ratio Lower Upper

149 100

91 64.0 57.8 86.8

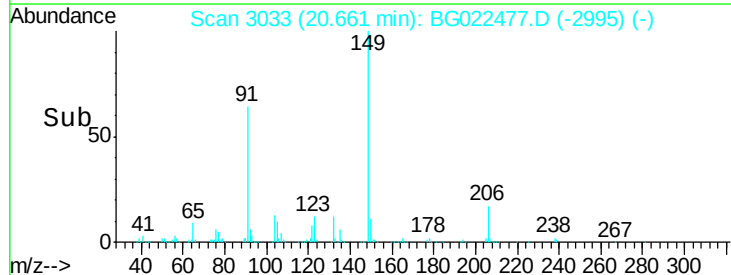
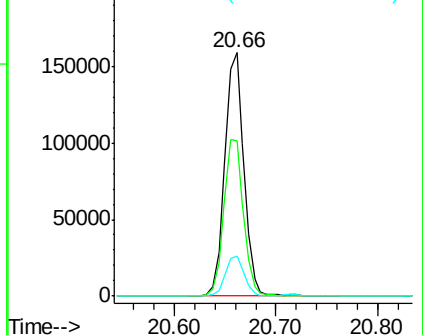
206 16.7 17.0 25.4#

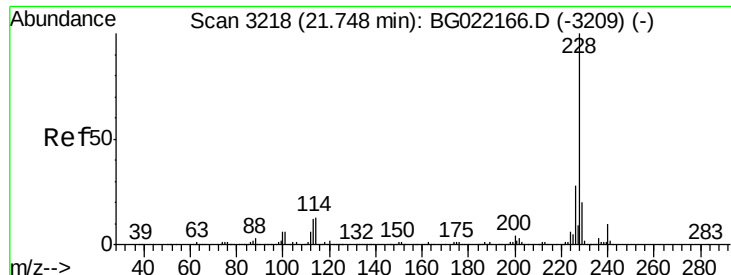


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.17 ng

RT: 21.62 min Scan# 3196

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

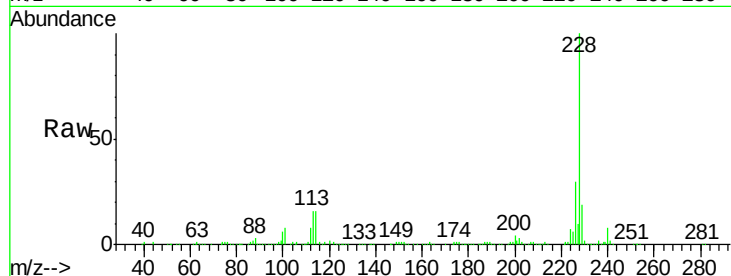
Tgt Ion:228 Resp: 332765

Ion Ratio Lower Upper

228 100

226 29.6 22.6 34.0

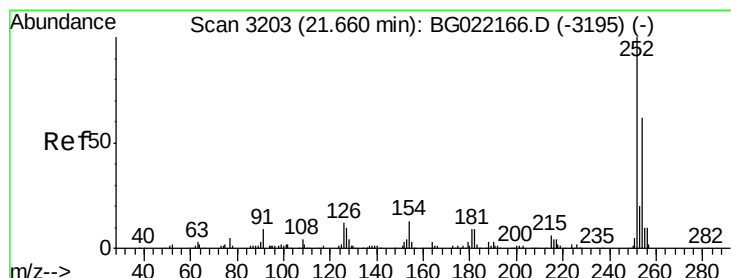
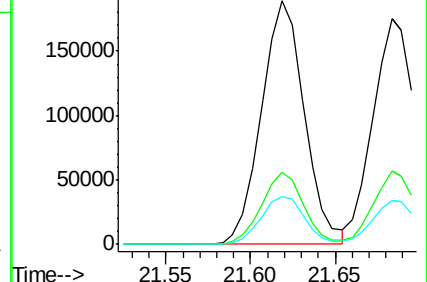
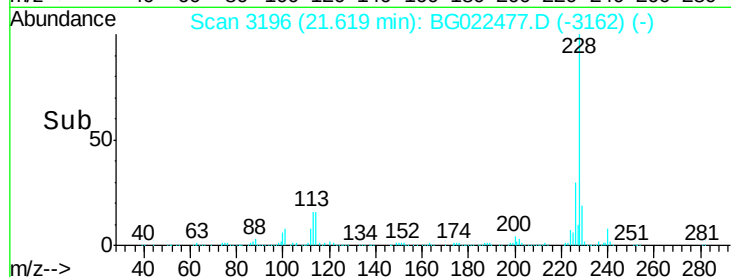
229 19.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.10 ng

RT: 21.54 min Scan# 3182

Delta R.T. -0.09 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

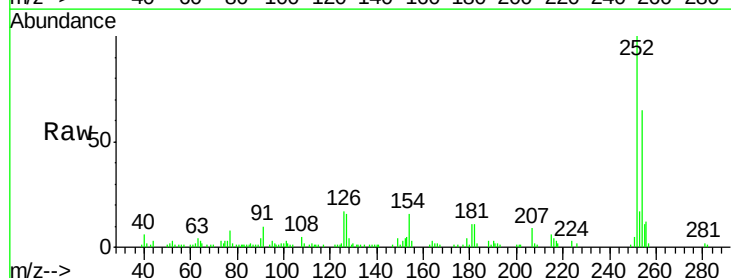
Tgt Ion:252 Resp: 51919

Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.6

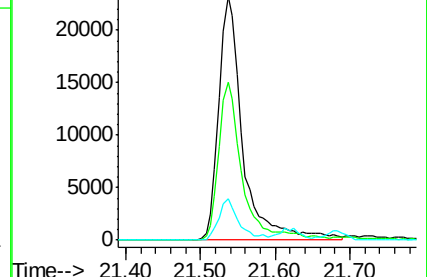
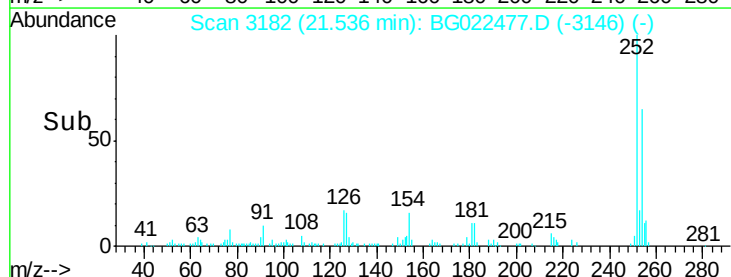
126 16.9 8.8 13.2#

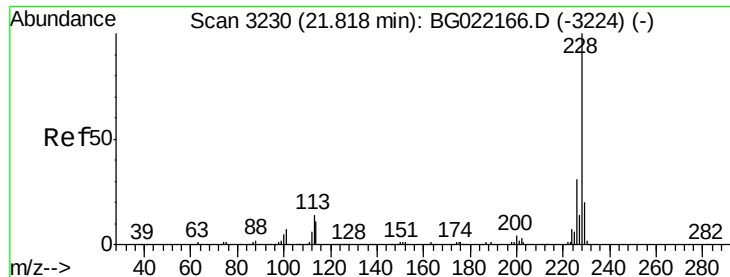


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.07 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

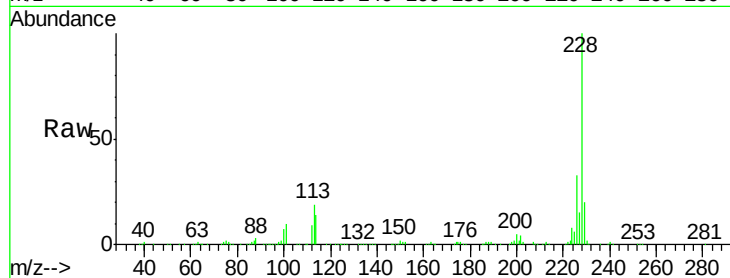
Tgt Ion:228 Resp: 315947

Ion Ratio Lower Upper

228 100

226 32.8 25.4 38.0

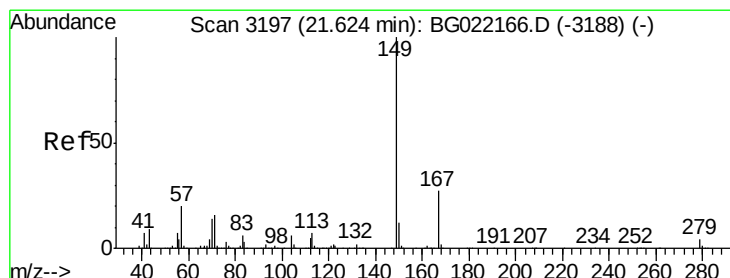
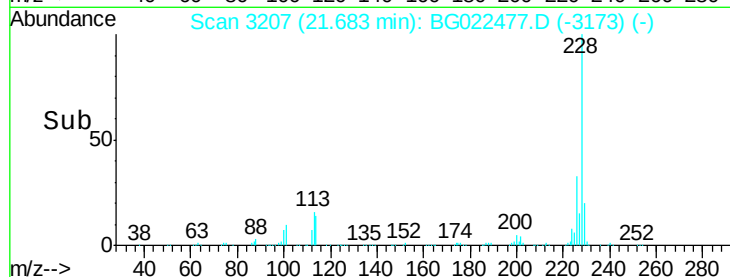
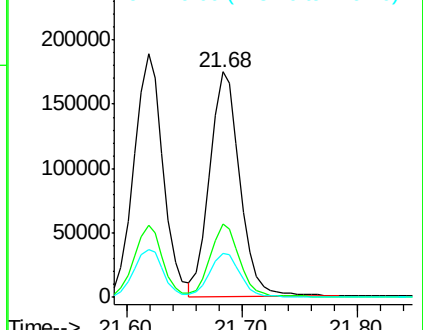
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.01 ng

RT: 21.50 min Scan# 3175

Delta R.T. -0.10 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

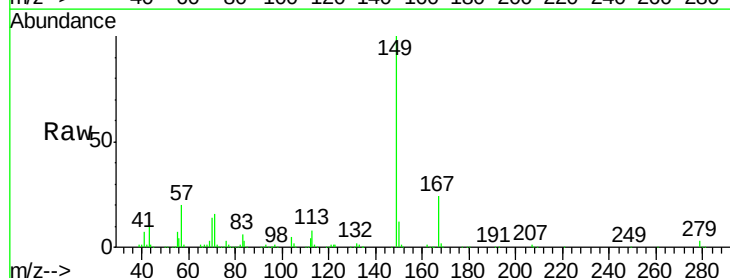
Tgt Ion:149 Resp: 295259

Ion Ratio Lower Upper

149 100

167 24.4 22.4 33.6

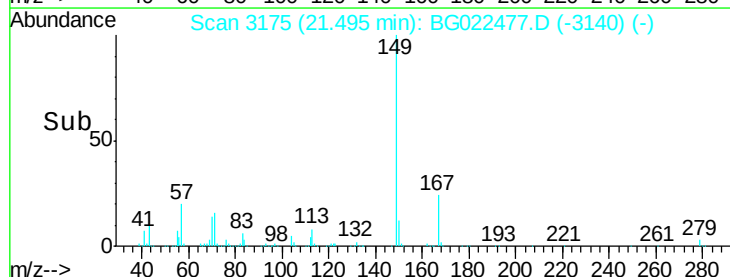
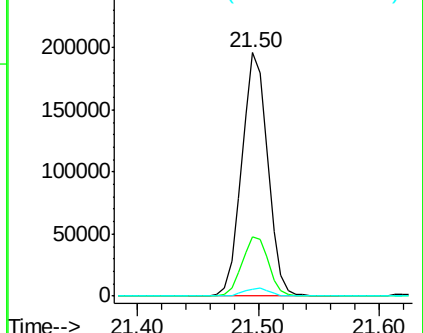
279 2.9 3.2 4.8#

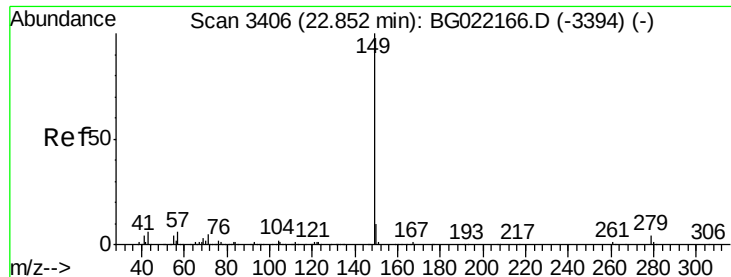


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.28 ng

RT: 22.69 min Scan# 3378

Delta R.T. -0.13 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

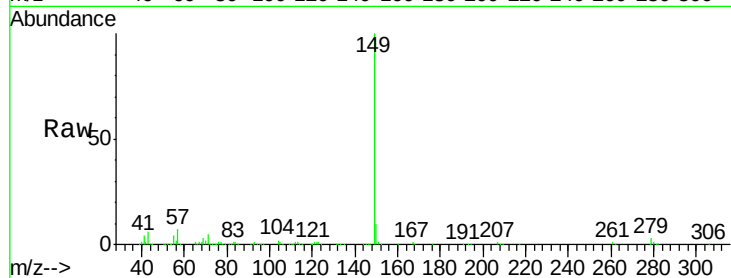
Instrument :

BNA_G

ClientSampleId :

PB91508BS

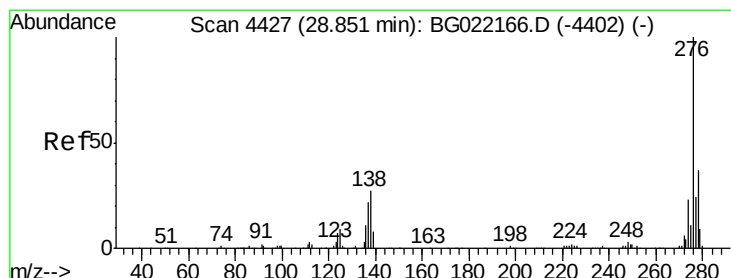
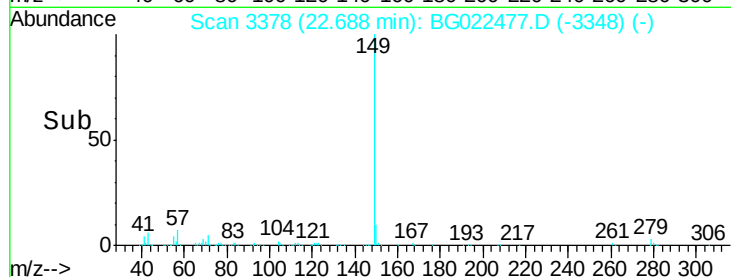
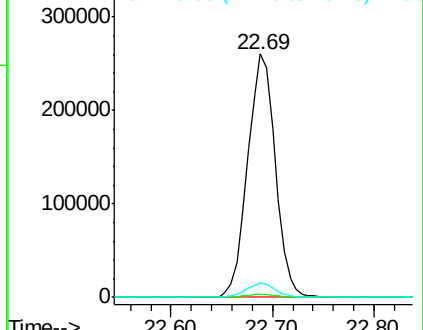
Tgt Ion:	149	Resp:	492790
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	6.2	9.8	14.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.55 ng

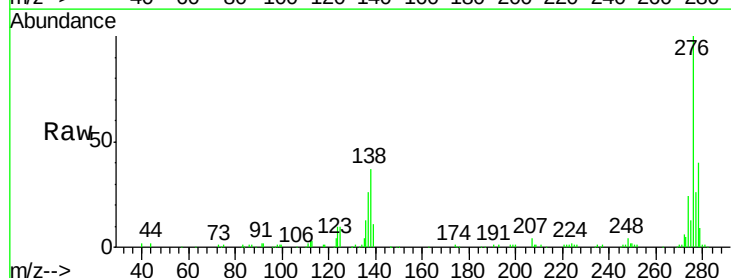
RT: 28.51 min Scan# 4369

Delta R.T. -0.26 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

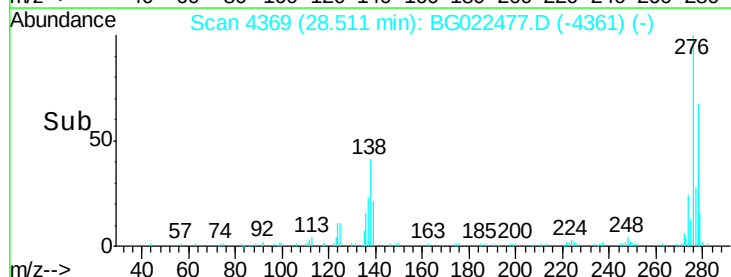
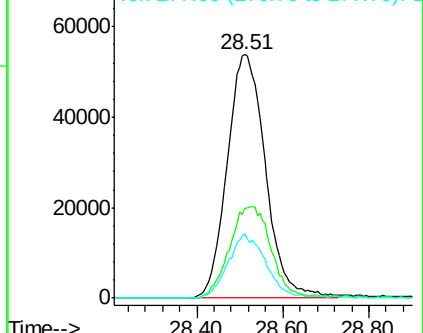
Tgt Ion:	276	Resp:	334166
Ion Ratio	Lower	Upper	
276	100		
138	0.0	14.0	21.0#
277	25.8	20.6	30.8

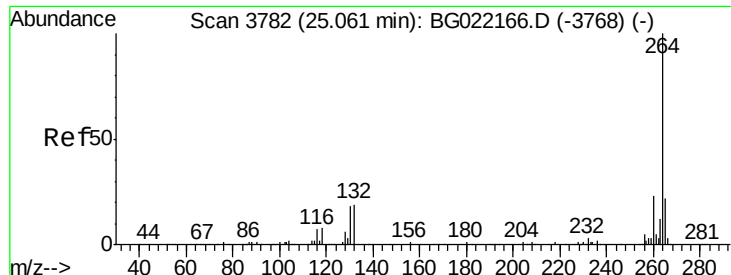


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

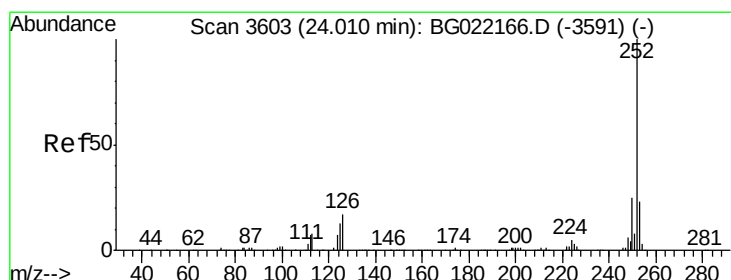
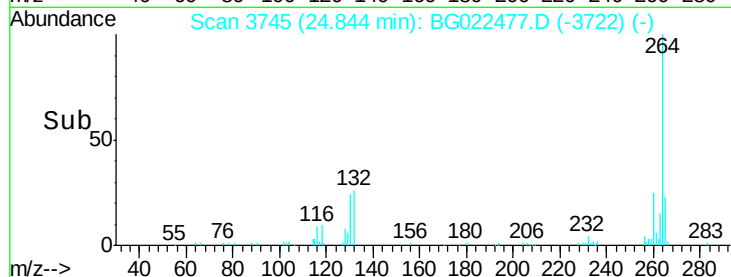
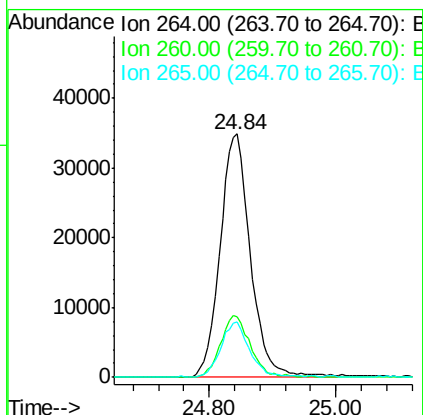
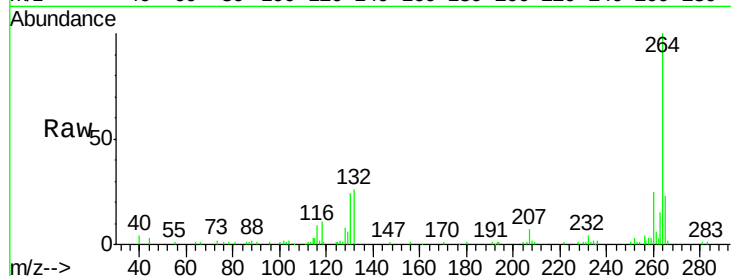




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3745
Delta R.T. -0.17 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

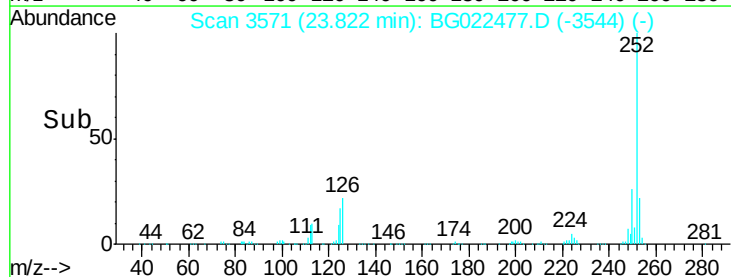
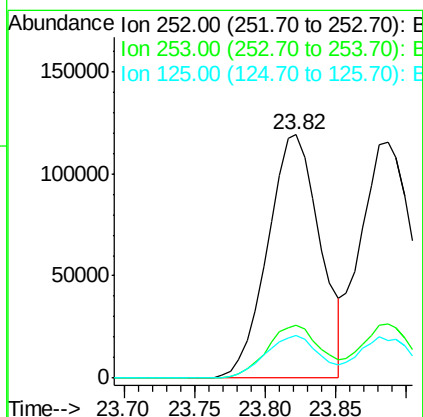
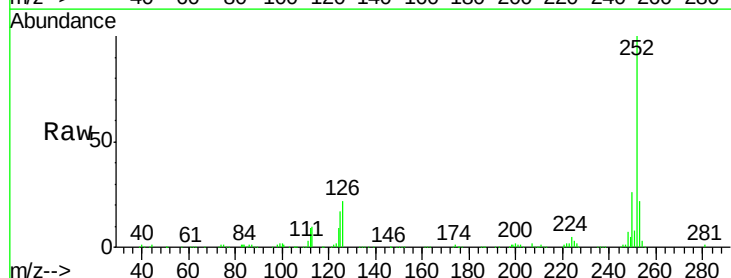
Instrument :
BNA_G
ClientSampleId :
PB91508BS

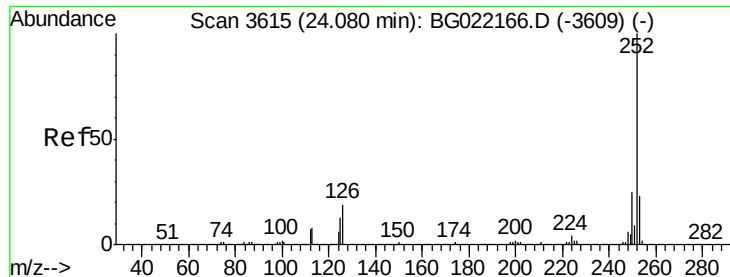
Tgt Ion:264 Resp: 115997
Ion Ratio Lower Upper
264 100
260 24.8 20.2 30.4
265 22.7 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 45.63 ng
RT: 23.82 min Scan# 3571
Delta R.T. -0.14 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:252 Resp: 308706
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 17.3 8.6 13.0#

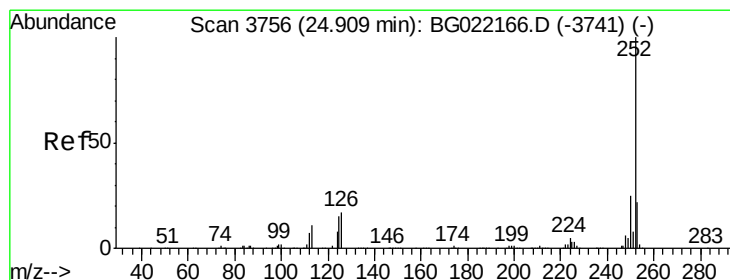
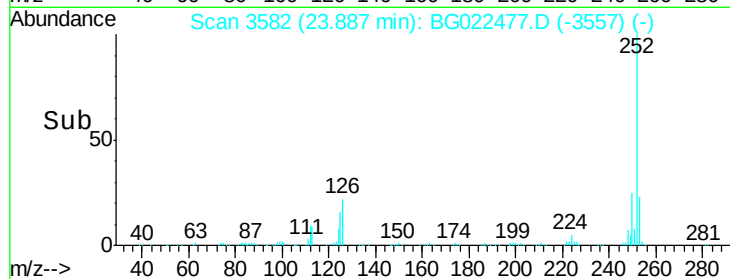
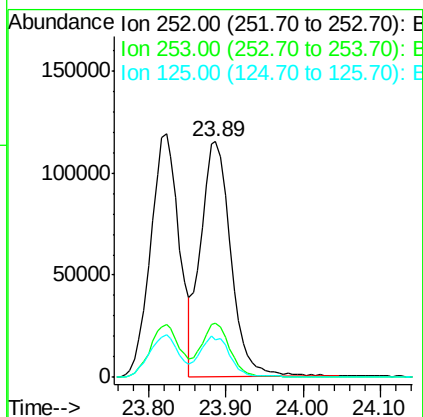
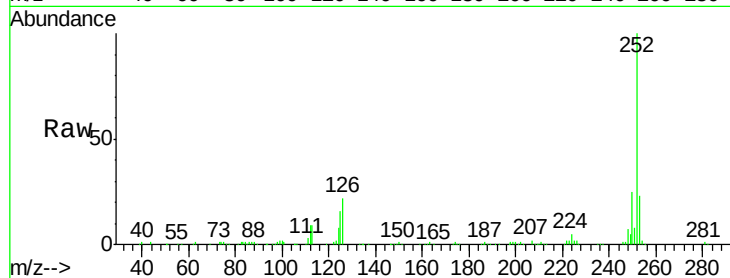




#88
Benzo(k)fluoranthene
Concen: 46.53 ng
RT: 23.89 min Scan# 3582
Delta R.T. -0.16 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

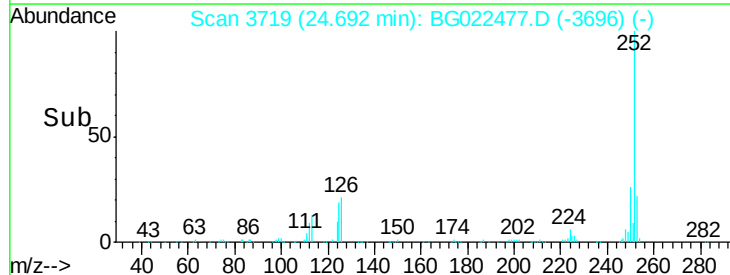
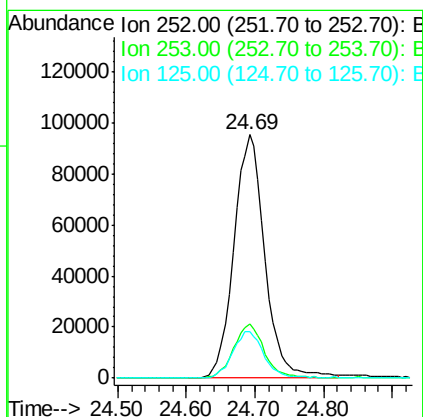
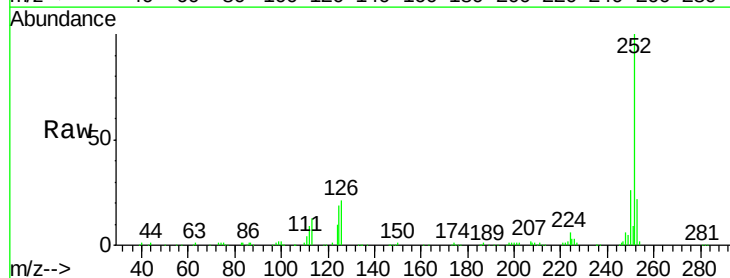
Instrument :
BNA_G
ClientSampleId :
PB91508BS

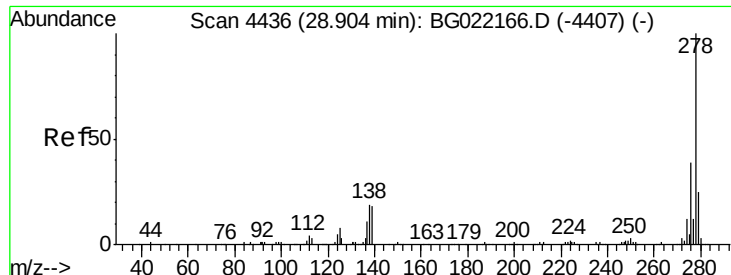
Tgt Ion:252 Resp: 309881
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 16.1 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 46.10 ng
RT: 24.69 min Scan# 3719
Delta R.T. -0.17 min
Lab File: BG022477.D
Acq: 21 Jun 2016 22:14

Tgt Ion:252 Resp: 298214
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 19.1 9.6 14.4#





#90

Dibenzo(a,h)anthracene

Concen: 43.85 ng

RT: 28.55 min Scan# 4376

Delta R.T. -0.27 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

Instrument :

BNA_G

ClientSampleId :

PB91508BS

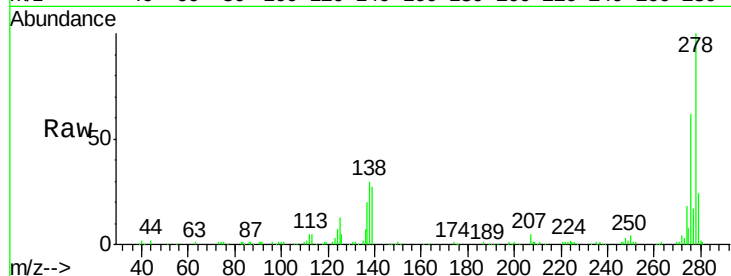
Tgt Ion:278 Resp: 267112

Ion Ratio Lower Upper

278 100

139 26.8 11.9 17.9#

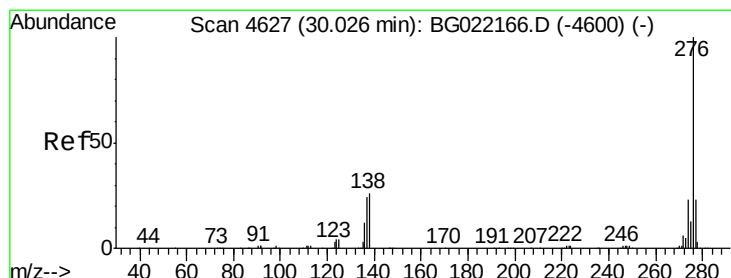
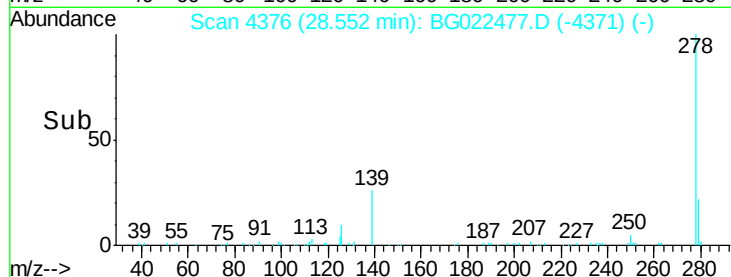
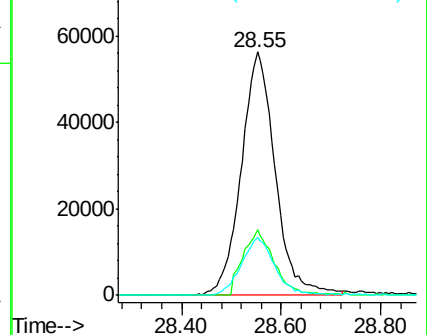
279 23.7 18.2 27.2



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: 43.32 ng

RT: 29.65 min Scan# 4563

Delta R.T. -0.29 min

Lab File: BG022477.D

Acq: 21 Jun 2016 22:14

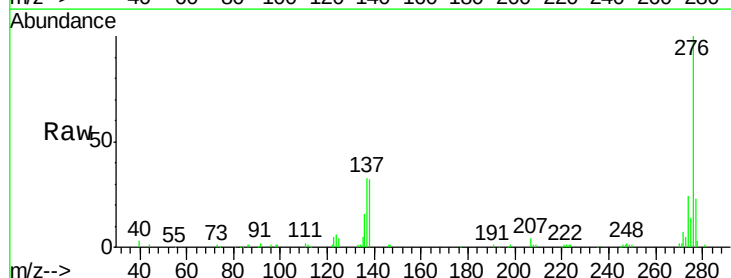
Tgt Ion:276 Resp: 274607

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.2

138 32.2 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

