

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022336.D
 Acq On : 14 Jun 2016 15:46
 Operator : UM/SJ
 Sample : PB91233BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

Quant Time: Jun 15 02:21:48 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	8.07	152	25908	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	139470	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	87511	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	202943	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	171148	20.00	ng	-0.01
86) Perylene-d12	25.00	264	153971	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	161628	120.62	ng	-0.02
7) Phenol-d6	7.24	99	250416	118.86	ng	-0.01
23) Nitrobenzene-d5	9.24	82	133017	66.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	89597	90.61	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	353862	61.62	ng	-0.01
78) Terphenyl-d14	20.05	244	495002	68.66	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	15389	23.95	ng	# 66
3) Pyridine	3.86	79	46108	26.56	ng	97
4) n-Nitrosodimethylamine	3.78	42	15180	39.10	ng	77
6) Aniline	7.39	93	57990	21.67	ng	# 85
8) 2-Chlorophenol	7.64	128	68592	37.03	ng	# 81
10) Phenol	7.26	94	88430	40.71	ng	86
11) bis(2-Chloroethyl)ether	7.49	93	58673	33.88	ng	# 79
12) 1,3-Dichlorobenzene	7.96	146	61949	31.20	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	63347	32.03	ng	93
14) 1,2-Dichlorobenzene	8.43	146	61792	30.99	ng	98
15) Benzyl Alcohol	8.31	79	51227	37.63	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.60	45	66602	37.07	ng	85
17) 2-Methylphenol	8.53	107	63062	38.91	ng	# 87
18) Hexachloroethane	9.15	117	23621	32.70	ng	# 80
19) n-Nitroso-di-n-propylamine	8.87	70	48938	34.31	ng	# 71
20) 3+4-Methylphenols	8.85	107	87318	37.56	ng	97
22) Acetophenone	8.90	105	94602	31.48	ng	# 84
24) Nitrobenzene	9.29	77	69424	34.51	ng	# 87
25) Isophorone	9.81	82	149430	31.93	ng	95
26) 2-Nitrophenol	10.00	139	39621	36.32	ng	# 78
27) 2,4-Dimethylphenol	10.06	122	73510	37.23	ng	93
28) bis(2-Chloroethoxy)methane	10.29	93	89529	33.39	ng	95
29) 2,4-Dichlorophenol	10.55	162	69323	37.90	ng	99
30) 1,2,4-Trichlorobenzene	10.75	180	63020	30.83	ng	90
31) Naphthalene	10.95	128	215959	31.02	ng	# 96
32) Benzoic acid	10.19	122	16089	30.17	ng	86
33) 4-Chloroaniline	11.06	127	50014	17.28	ng	# 87
34) Hexachlorobutadiene	11.22	225	32183	29.33	ng	95
35) Caprolactam	11.83	113	32474	32.36	ng	# 50
36) 4-Chloro-3-methylphenol	12.18	107	80911	37.32	ng	# 86
37) 2-Methylnaphthalene	12.54	142	162335	31.59	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	68486	30.40	ng	99
40) Hexachlorocyclopentadiene	12.88	237	41415	38.88	ng	97
42) 2,4,6-Trichlorophenol	13.16	196	53712	35.54	ng	98

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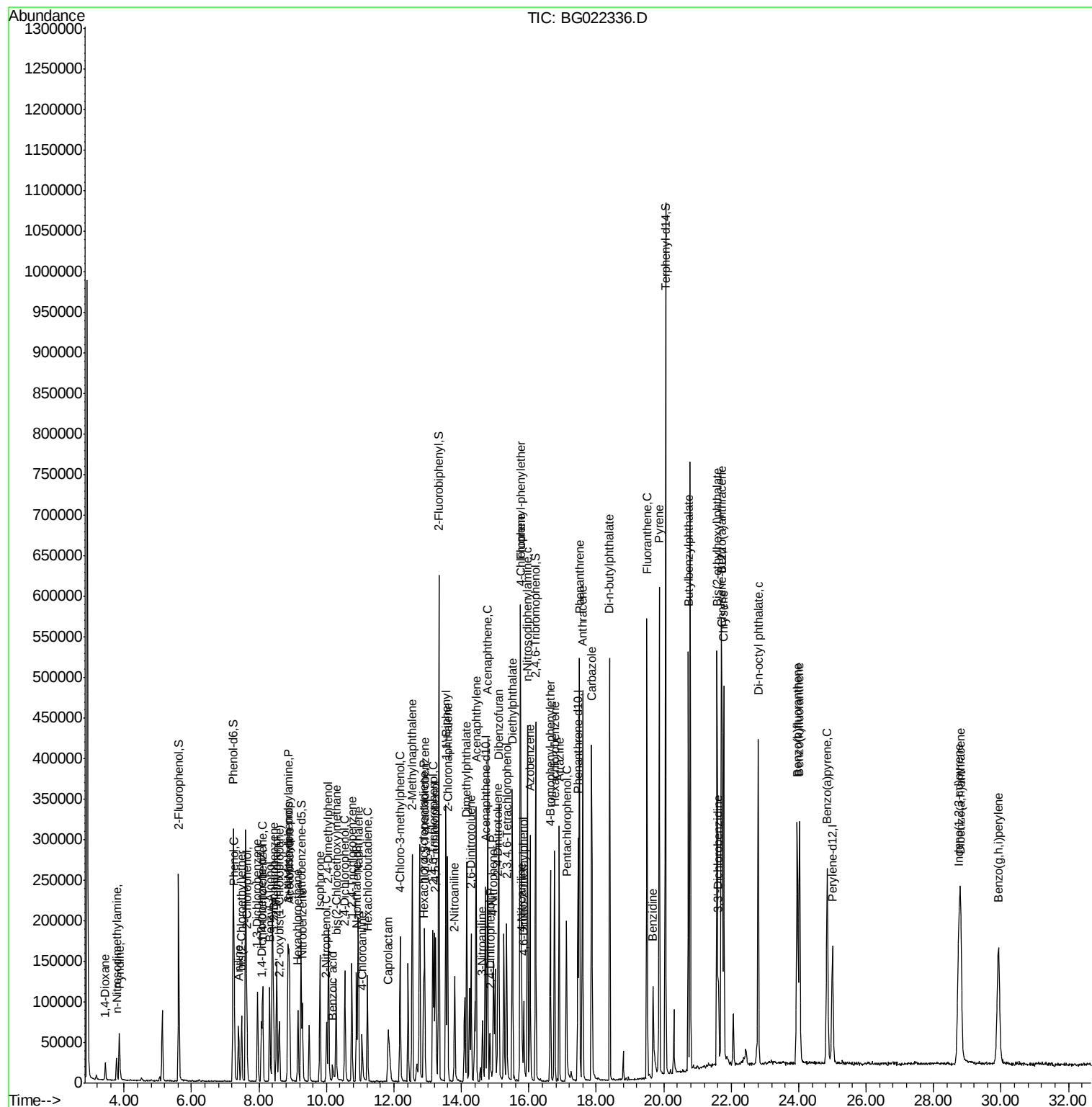
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.24	196	57766	34.60	ng	95
45) 1,1'-Biphenyl	13.54	154	212515	32.27	ng	94
46) 2-Chloronaphthalene	13.59	162	163276	32.34	ng	97
47) 2-Nitroaniline	13.80	65	43669	36.28	ng	# 64
48) Acenaphthylene	14.44	152	282954	31.94	ng	98
49) Dimethylphthalate	14.16	163	223729	30.83	ng	100
50) 2,6-Dinitrotoluene	14.29	165	51822	32.85	ng	# 81
51) Acenaphthene	14.78	154	166267	31.33	ng	97
52) 3-Nitroaniline	14.62	138	34803	19.89	ng	# 78
53) 2,4-Dinitrophenol	14.85	184	23348	42.22	ng	# 78
54) Dibenzofuran	15.11	168	259209	31.30	ng	99
55) 4-Nitrophenol	14.95	139	76635	63.47	ng	# 73
56) 2,4-Dinitrotoluene	15.08	165	72146	34.10	ng	# 85
57) Fluorene	15.76	166	223498	31.33	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.34	232	50375	33.64	ng	97
59) Diethylphthalate	15.51	149	242150	31.24	ng	99
60) 4-Chlorophenyl-phenylether	15.74	204	101062	31.28	ng	96
61) 4-Nitroaniline	15.79	138	57781	31.14	ng	# 81
62) Azobenzene	16.03	77	202463	34.49	ng	89
64) 4,6-Dinitro-2-methylphenol	15.85	198	28520	30.03	ng	87
65) n-Nitrosodiphenylamine	15.96	169	192668	32.96	ng	97
66) 4-Bromophenyl-phenylether	16.64	248	60085	31.60	ng	96
67) Hexachlorobenzene	16.76	284	65030	29.34	ng	98
68) Atrazine	16.90	200	68533	31.67	ng	97
69) Pentachlorophenol	17.12	266	45753	48.46	ng	98
70) Phenanthrene	17.50	178	350936	31.84	ng	99
71) Anthracene	17.59	178	349649	31.98	ng	98
72) Carbazole	17.86	167	333880	32.25	ng	98
73) Di-n-butylphthalate	18.40	149	451066	33.32	ng	99
74) Fluoranthene	19.51	202	388419	30.65	ng	98
76) Benzidine	19.68	184	113860	25.44	ng	99
77) Pyrene	19.87	202	387025	36.37	ng	100
79) Butylbenzylphthalate	20.73	149	189806	38.47	ng	# 92
80) Benzo(a)anthracene	21.71	228	319645	33.31	ng	100
81) 3,3'-Dichlorobenzidine	21.62	252	58412	21.68	ng	96
82) Chrysene	21.77	228	302542	32.40	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	265942	36.65	ng	96
84) Di-n-octyl phthalate	22.80	149	440654	36.57	ng	# 88
85) Indeno(1,2,3-cd)pyrene	28.75	276	325811	31.10	ng	# 86
87) Benzo(b)fluoranthene	23.96	252	297957	33.18	ng	# 96
88) Benzo(k)fluoranthene	24.03	252	293441	33.19	ng	# 96
89) Benzo(a)pyrene	24.84	252	282889	32.95	ng	# 96
90) Dibenzo(a,h)anthracene	28.80	278	269205	33.29	ng	# 92
91) Benzo(g,h,i)perylene	29.93	276	271542	32.27	ng	# 95

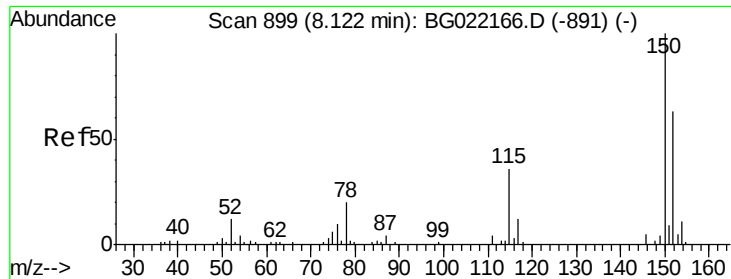
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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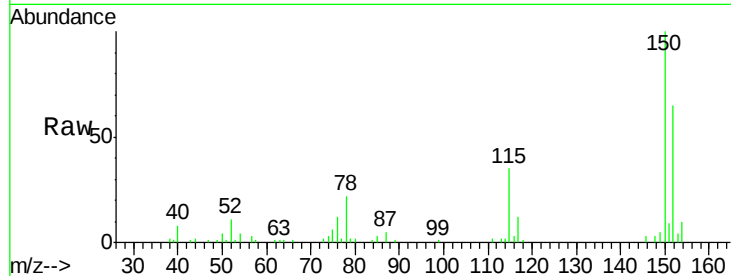


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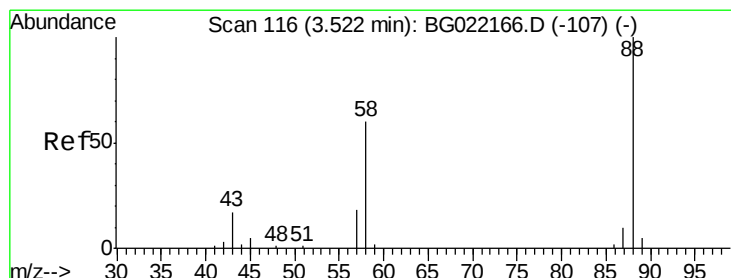
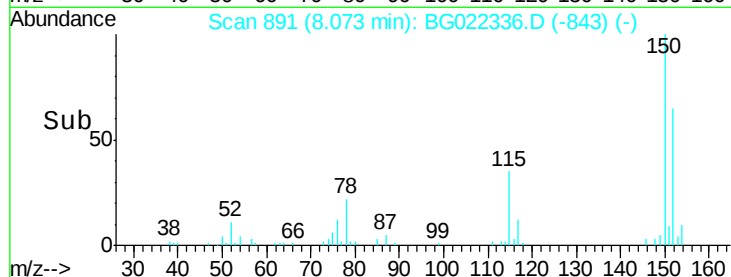
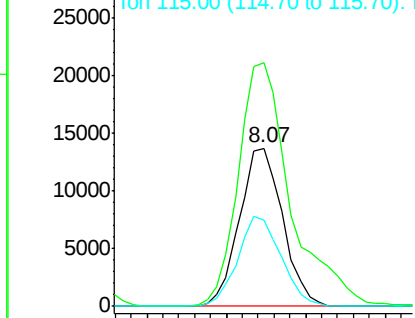
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Instrument :
BNA_G
ClientSampled :
PB91324BS

Tgt Ion:152 Resp: 25908
Ion Ratio Lower Upper
152 100
150 153.9 130.1 195.1
115 54.2 62.2 93.2#



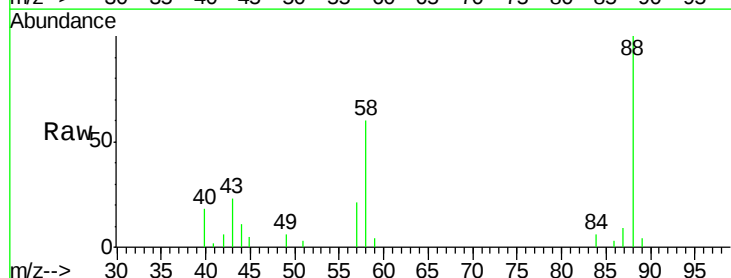
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



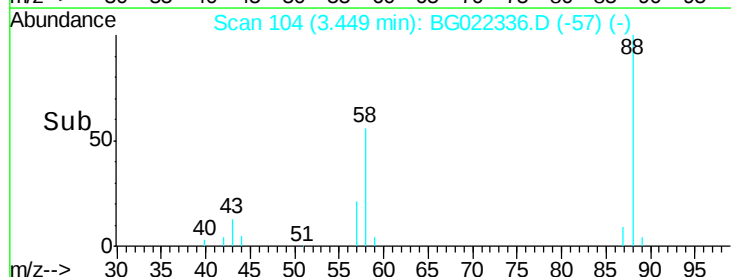
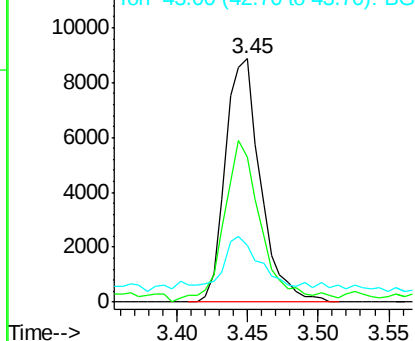
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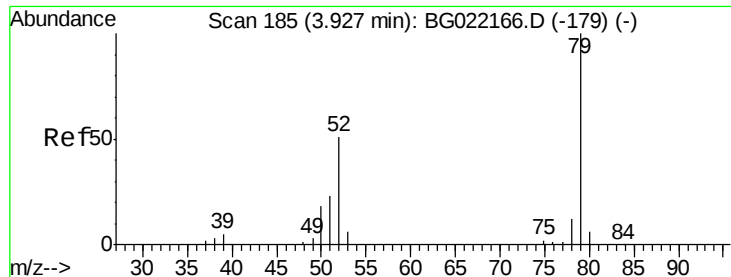
1,4-Dioxane
Concen: 23.95 ng
RT: 3.45 min Scan# 104
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion: 88 Resp: 15389
Ion Ratio Lower Upper
88 100
58 70.5 36.8 55.2#
43 22.3 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: 26.56 ng

RT: 3.86 min Scan# 174

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

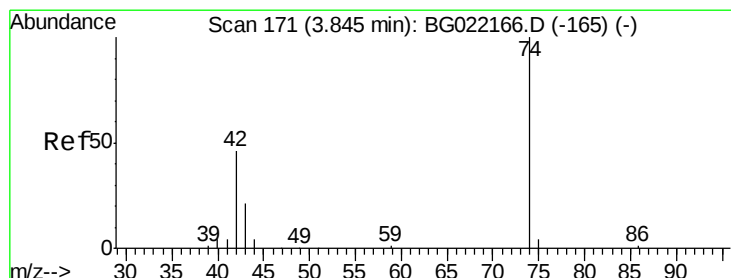
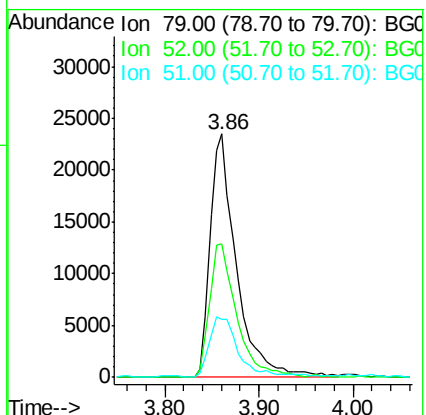
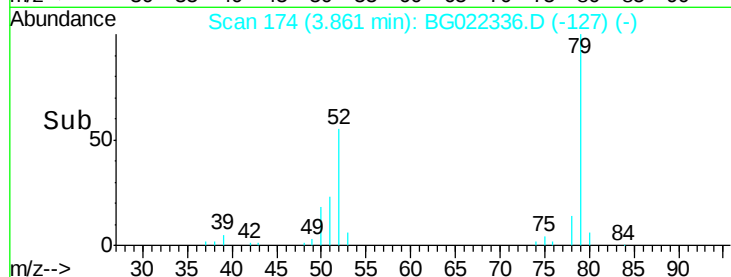
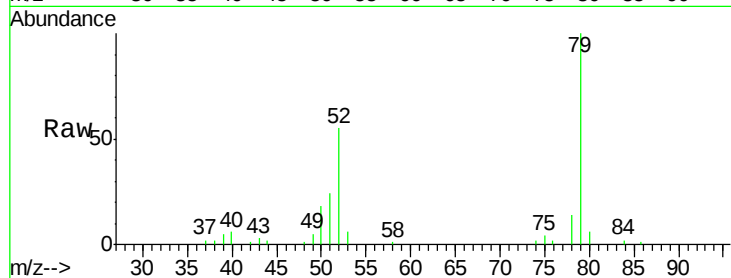
Tgt Ion: 79 Resp: 46108

Ion Ratio Lower Upper

79 100

52 54.7 41.6 62.4

51 23.7 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 39.10 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.03 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

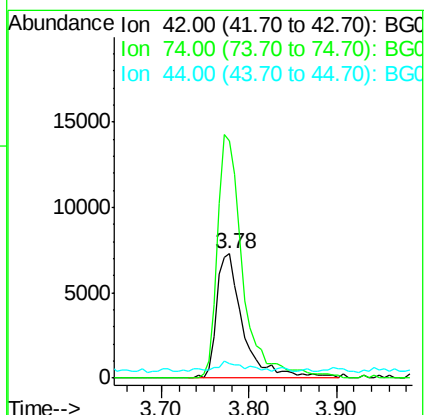
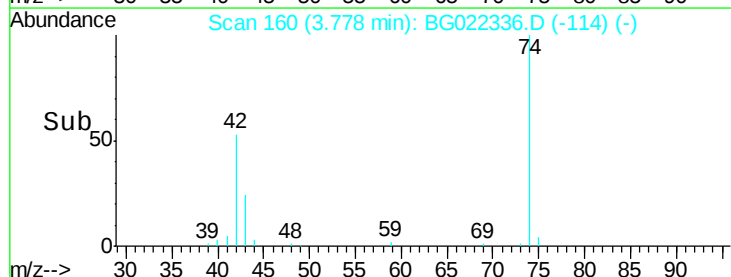
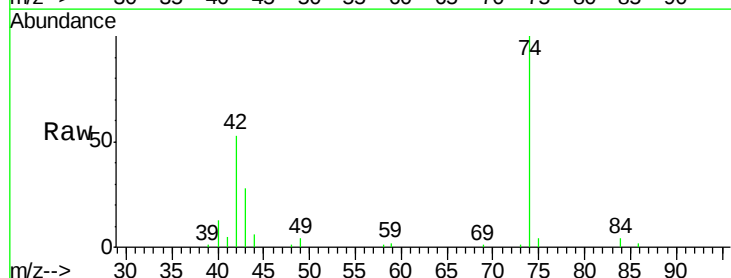
Tgt Ion: 42 Resp: 15180

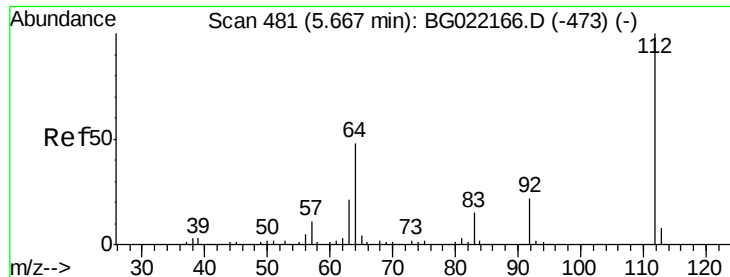
Ion Ratio Lower Upper

42 100

74 190.5 184.0 276.0

44 11.4 11.0 16.6





#5

2-Fluorophenol

Concen: 120.62 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

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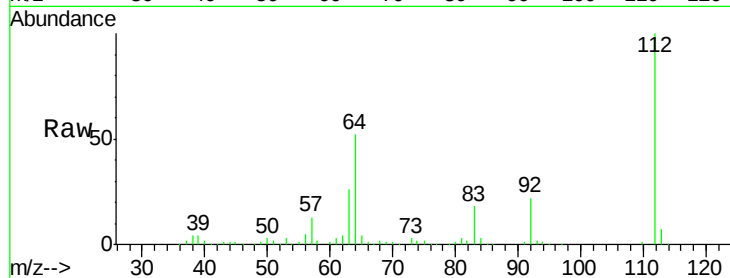
Tgt Ion: 112 Resp: 161628

Ion Ratio Lower Upper

112 100

64 52.2 51.1 76.7

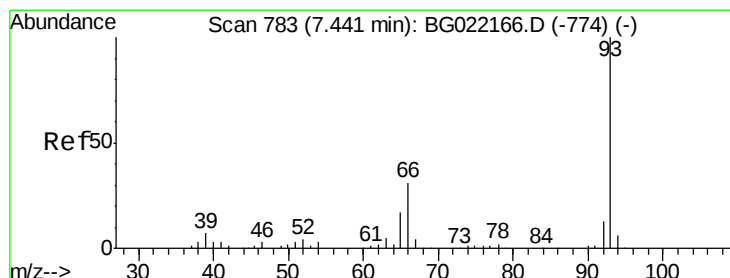
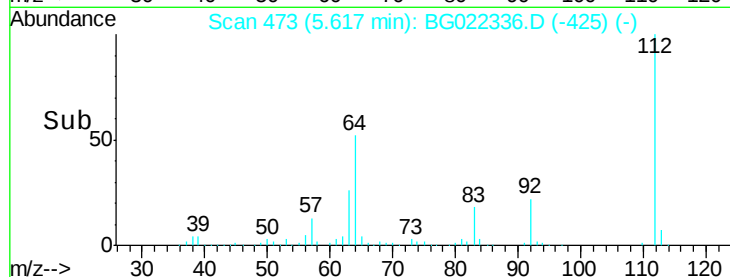
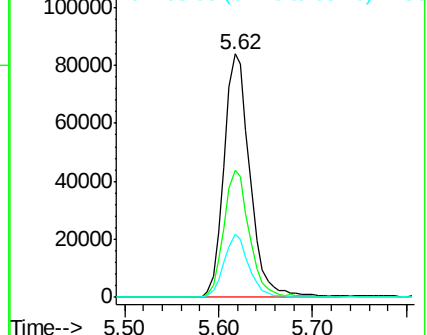
63 25.7 24.6 37.0



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: 21.67 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

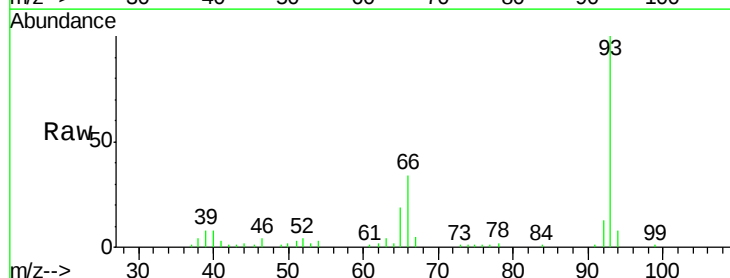
Tgt Ion: 93 Resp: 57990

Ion Ratio Lower Upper

93 100

66 33.9 36.3 54.5#

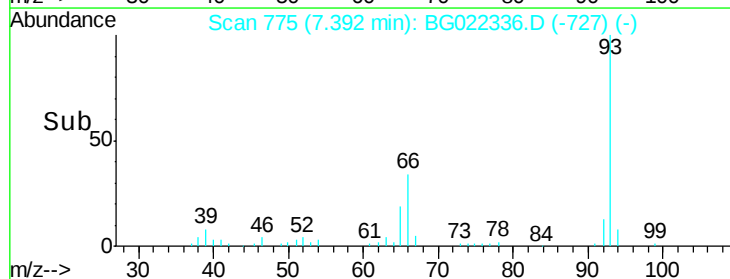
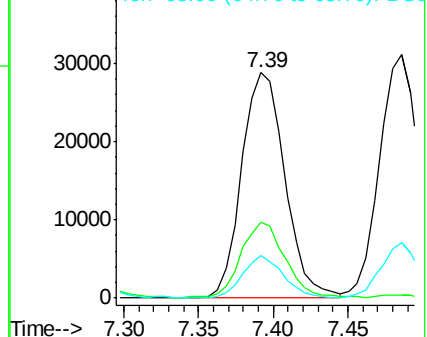
65 18.8 18.4 27.6

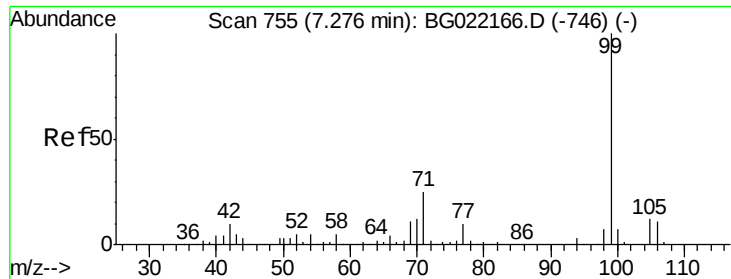


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.86 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG022336.D

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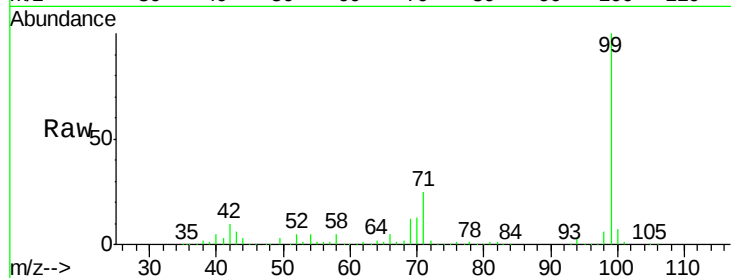
Tgt Ion: 99 Resp: 250416

Ion Ratio Lower Upper

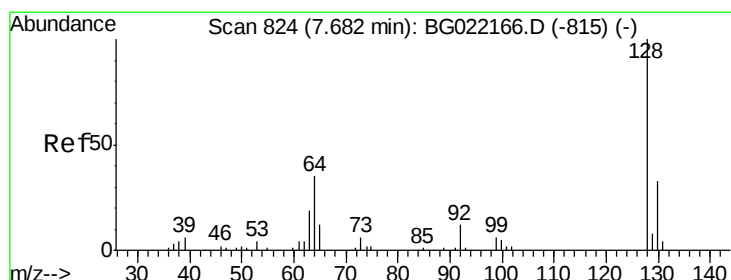
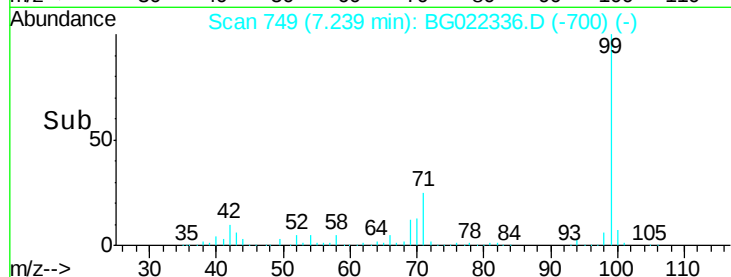
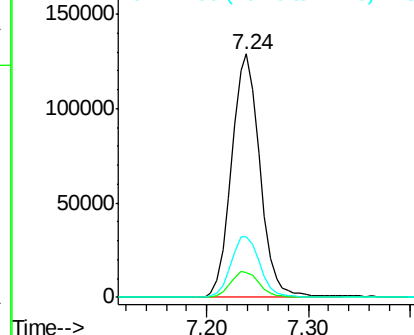
99 100

42 10.3 16.4 24.6#

71 25.0 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: 37.03 ng

RT: 7.64 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

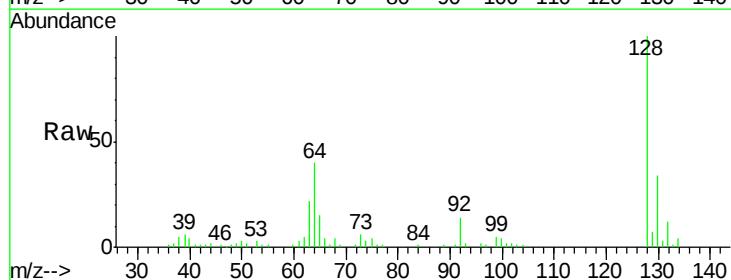
Tgt Ion: 128 Resp: 68592

Ion Ratio Lower Upper

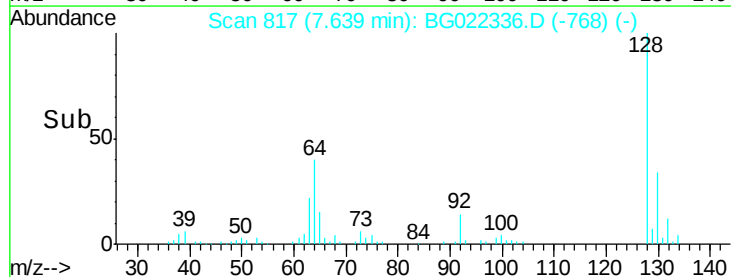
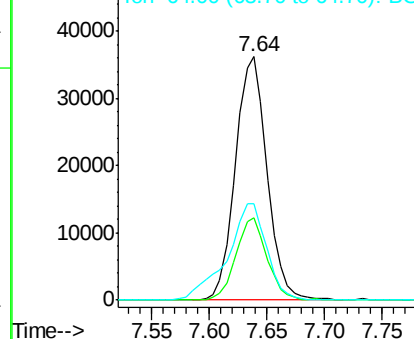
128 100

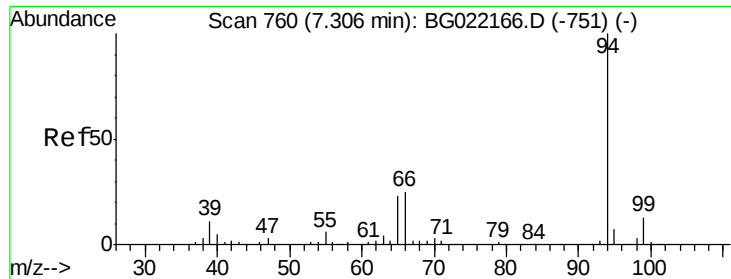
130 34.0 11.2 51.2

64 39.6 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: 40.71 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.02 min

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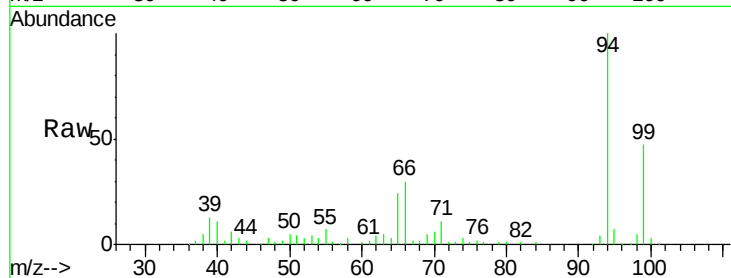
Tgt Ion: 94 Resp: 88430

Ion Ratio Lower Upper

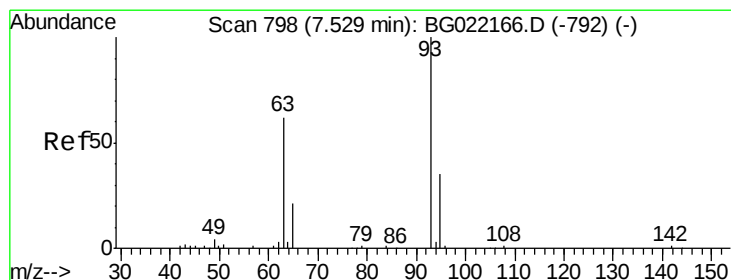
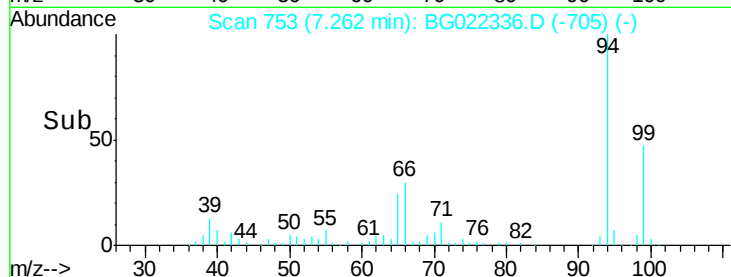
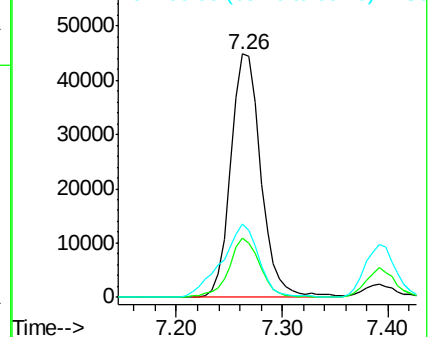
94 100

65 24.2 9.8 49.8

66 30.3 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: 33.88 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

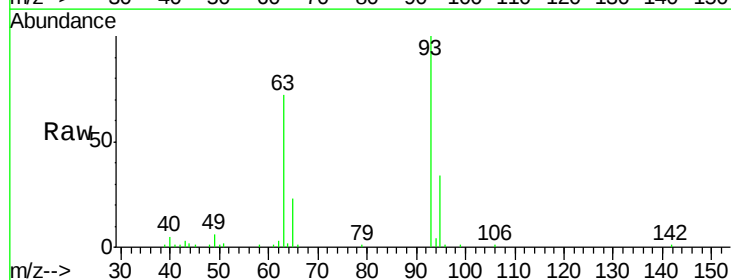
Tgt Ion: 93 Resp: 58673

Ion Ratio Lower Upper

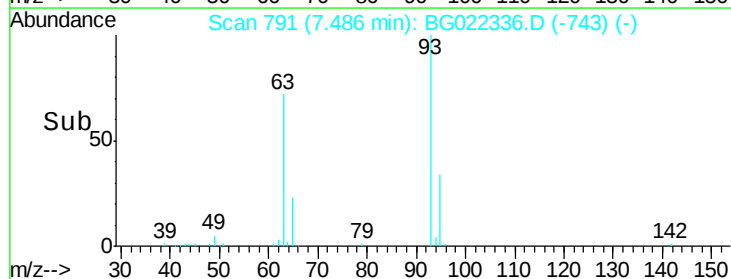
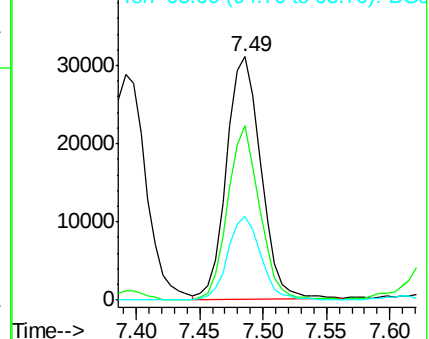
93 100

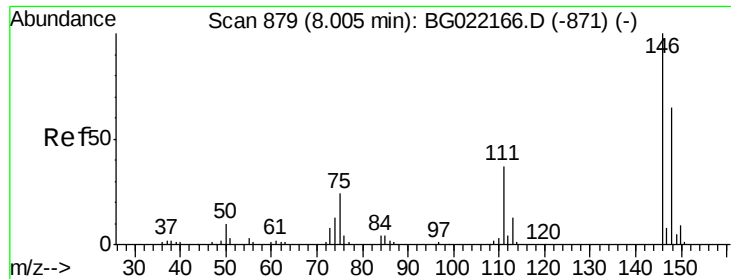
63 71.6 74.9 114.9#

95 34.4 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

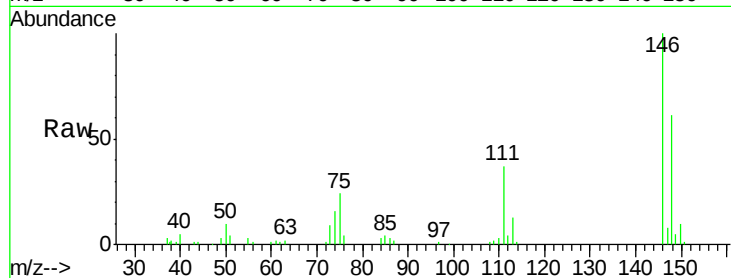




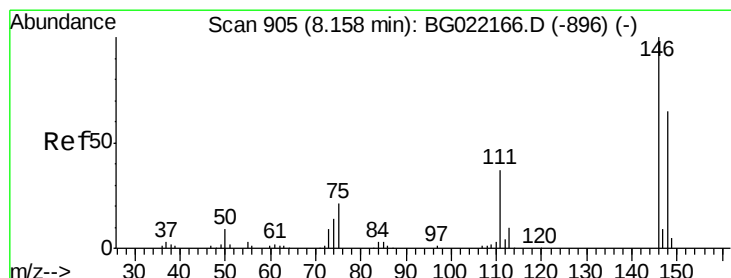
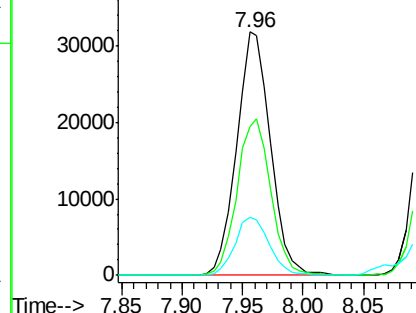
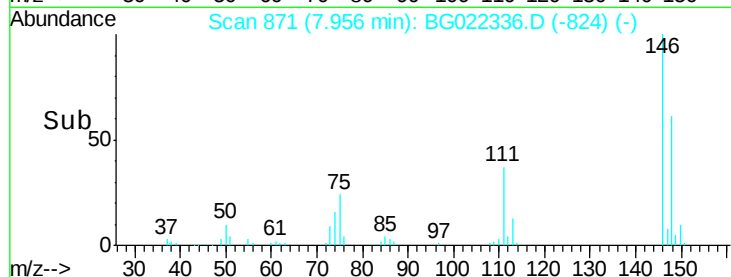
#12
 1,3-Dichlorobenzene
 Concen: 31.20 ng
 RT: 7.96 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

Tgt Ion:146 Resp: 61949
 Ion Ratio Lower Upper
 146 100
 148 61.4 53.7 80.5
 75 23.6 27.4 41.0#

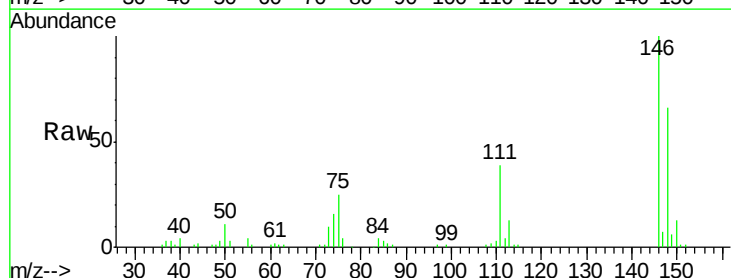


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

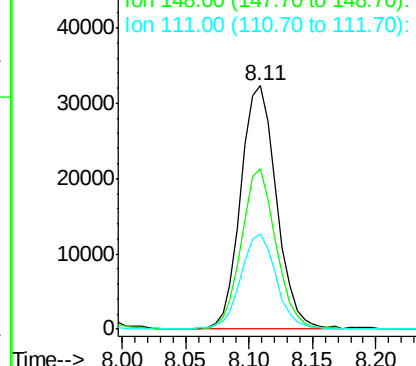
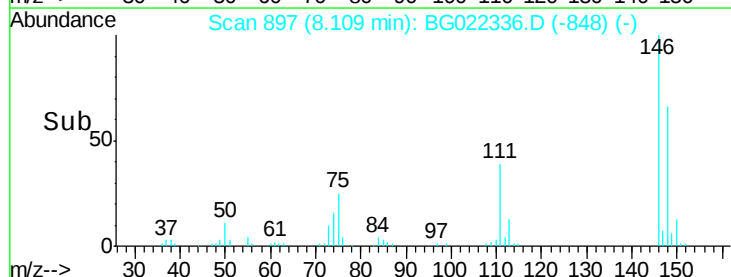


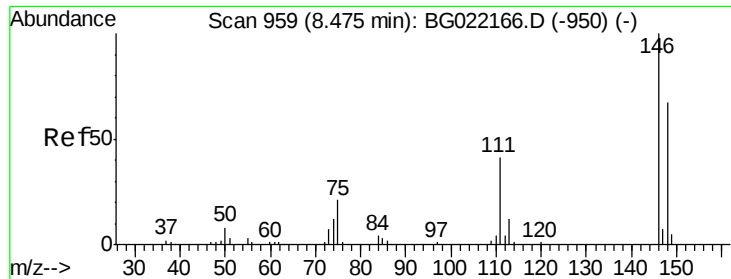
#13
 1,4-Dichlorobenzene
 Concen: 32.03 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion:146 Resp: 63347
 Ion Ratio Lower Upper
 146 100
 148 65.9 46.7 70.1
 111 39.1 33.0 49.6



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

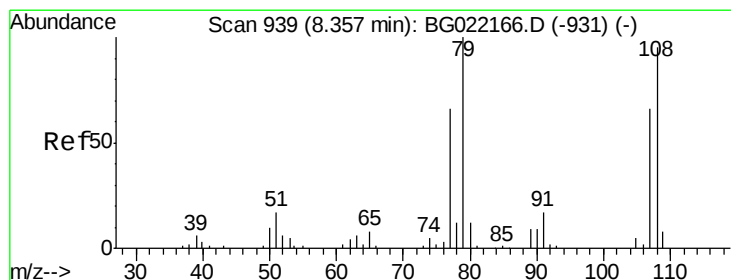
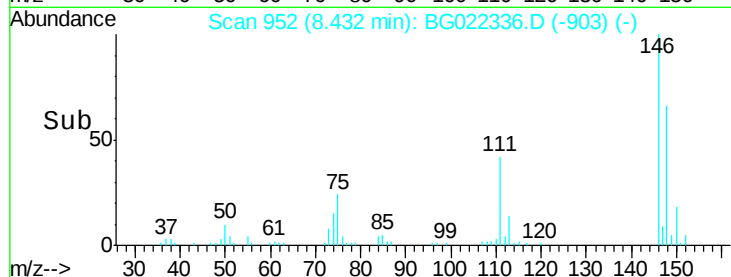
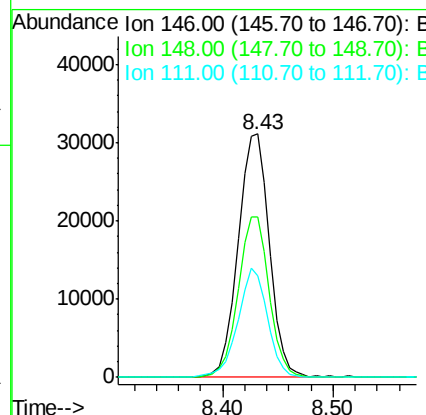
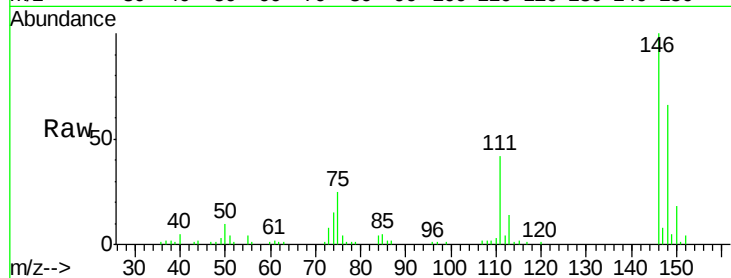




#14
 1,2-Dichlorobenzene
 Concen: 30.99 ng
 RT: 8.43 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

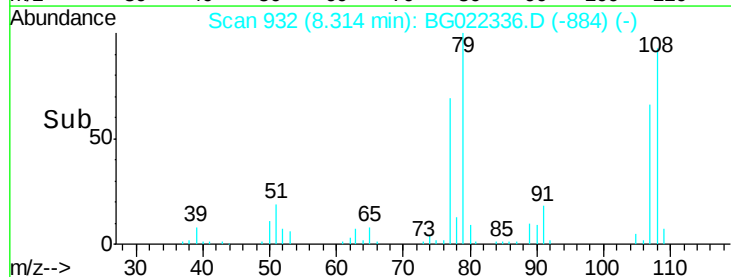
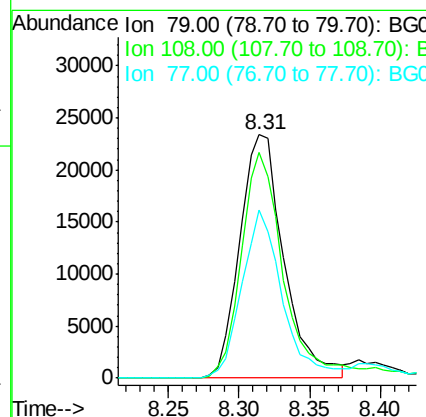
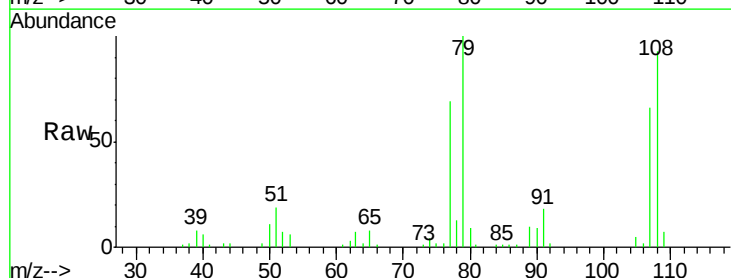
Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

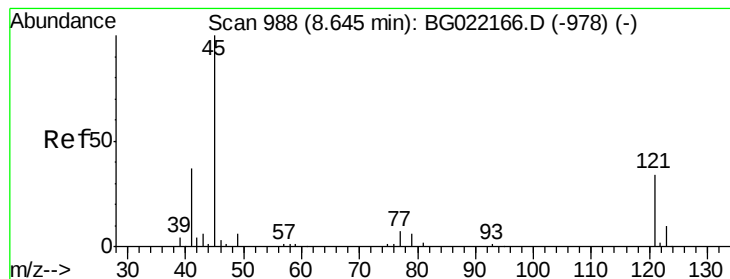
Tgt Ion:146 Resp: 61792
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.6 79.0
 111 41.6 36.1 54.1



#15
 Benzyl Alcohol
 Concen: 37.63 ng
 RT: 8.31 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion: 79 Resp: 51227
 Ion Ratio Lower Upper
 79 100
 108 92.9 59.4 89.0#
 77 69.1 52.2 78.2





#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.07 ng

RT: 8.60 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

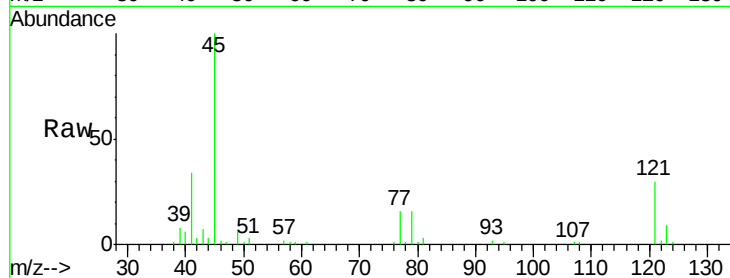
Tgt Ion: 45 Resp: 66602

Ion Ratio Lower Upper

45 100

77 15.7 0.0 31.2

79 16.0 0.0 29.0

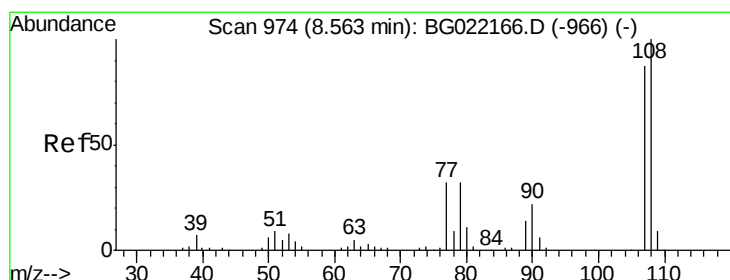
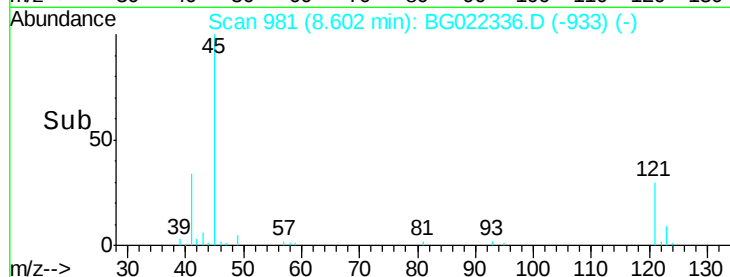
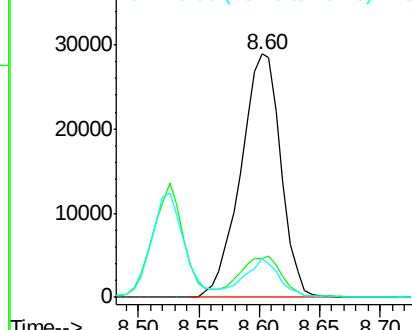


Abundance

Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#17

2-Methylphenol

Concen: 38.91 ng

RT: 8.53 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Tgt Ion: 107 Resp: 63062

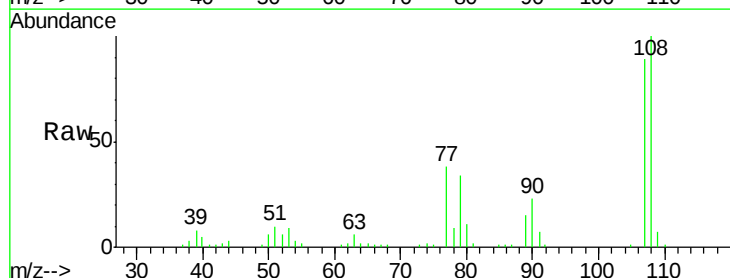
Ion Ratio Lower Upper

107 100

108 112.1 80.2 120.4

77 42.3 40.7 61.1

79 38.4 39.8 59.8#



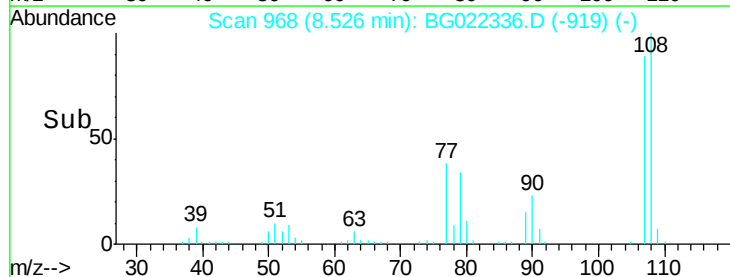
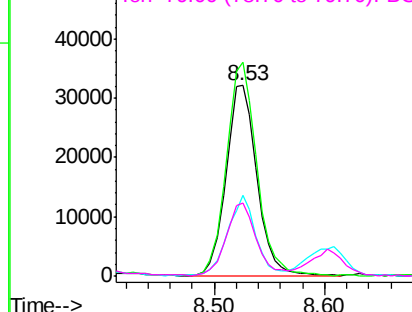
Abundance

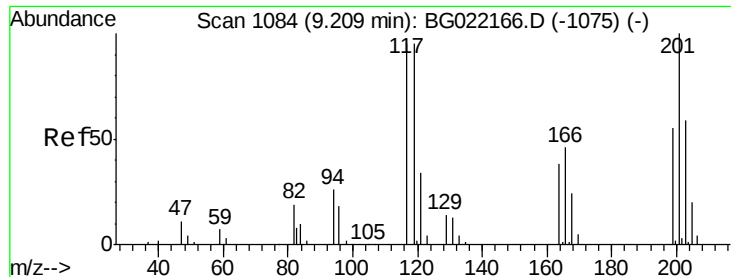
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

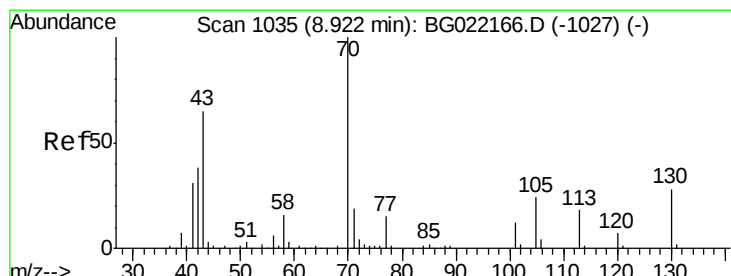
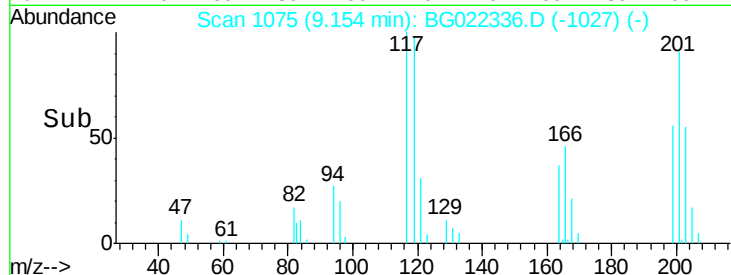
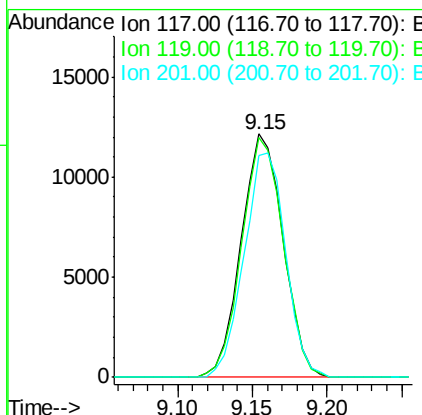
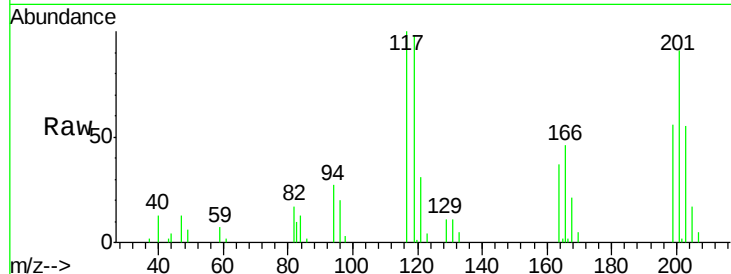




#18
 Hexachloroethane
 Concen: 32.70 ng
 RT: 9.15 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

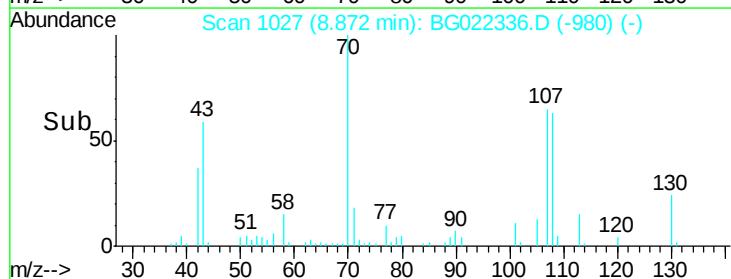
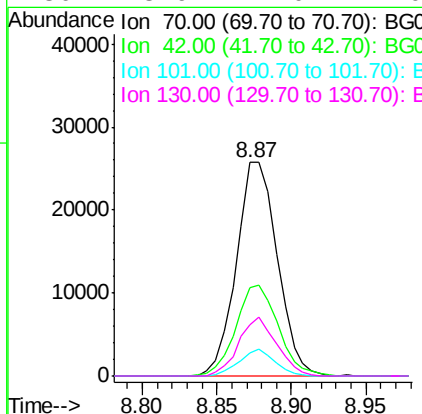
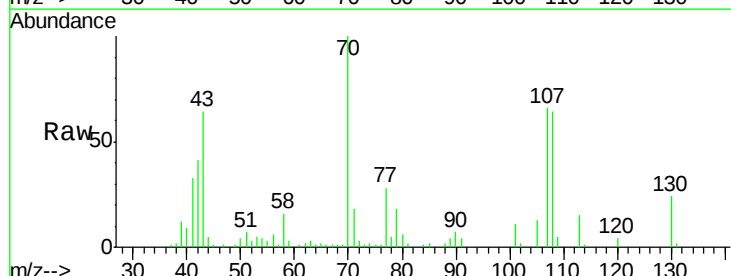
Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

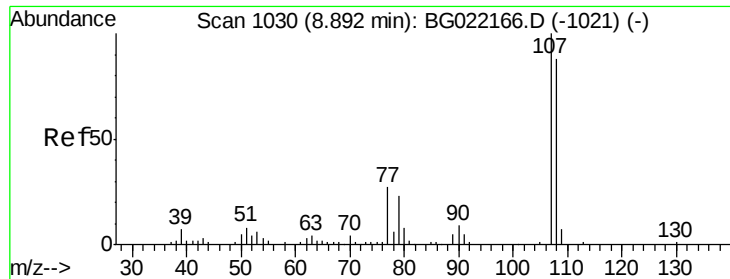
Tgt Ion: 117 Resp: 23621
 Ion Ratio Lower Upper
 117 100
 119 98.4 63.9 95.9#
 201 93.3 61.2 91.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 34.31 ng
 RT: 8.87 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion: 70 Resp: 48938
 Ion Ratio Lower Upper
 70 100
 42 41.1 56.7 85.1#
 101 10.6 8.2 12.4
 130 23.9 14.0 21.0#

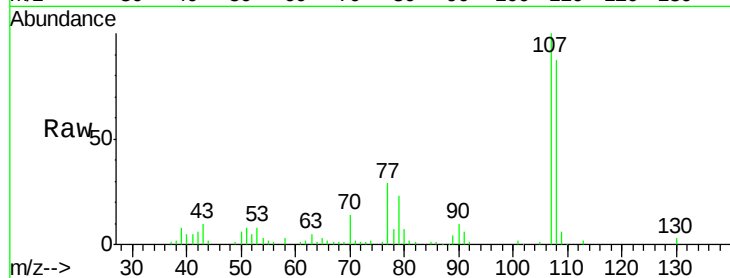




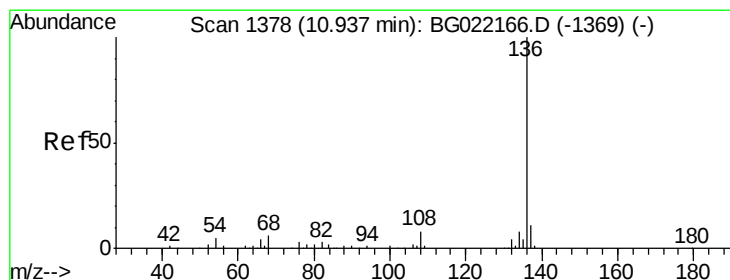
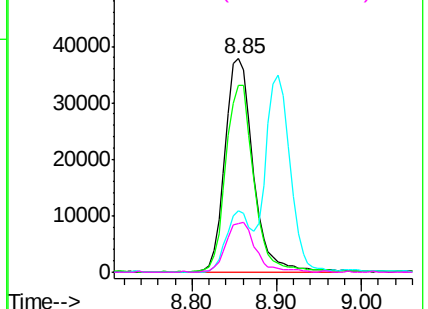
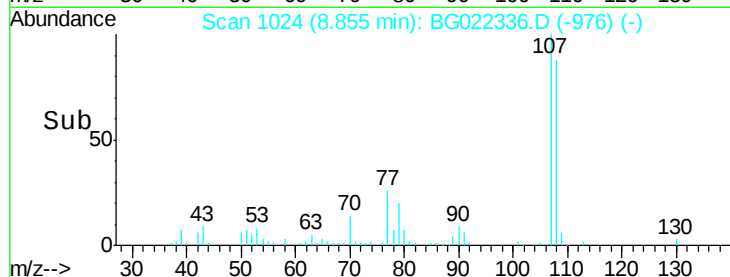
#20
3+4-Methylphenols
Concen: 37.56 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Instrument :
BNA_G
ClientSampleId :
PB91324BS

Tgt Ion:107 Resp: 87318
Ion Ratio Lower Upper
107 100
108 87.5 66.2 106.2
77 28.7 11.5 51.5
79 23.0 5.6 45.6

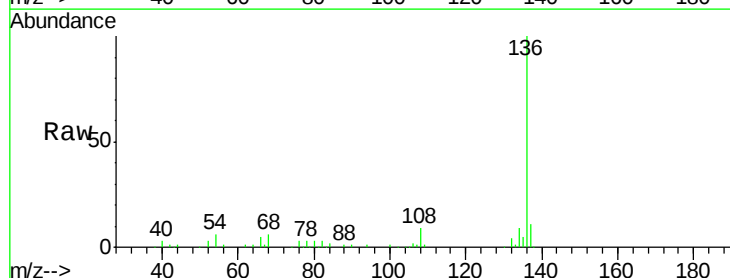


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

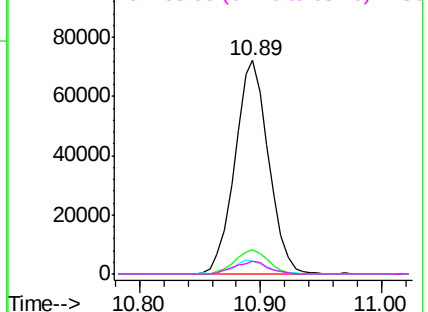
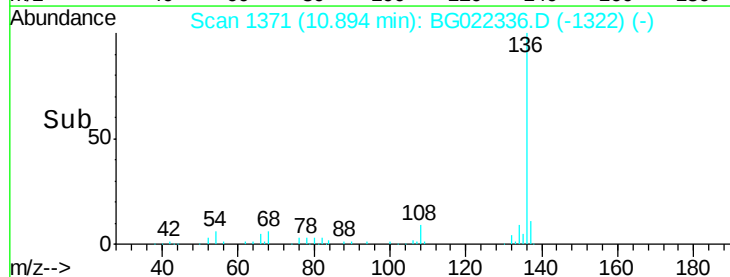


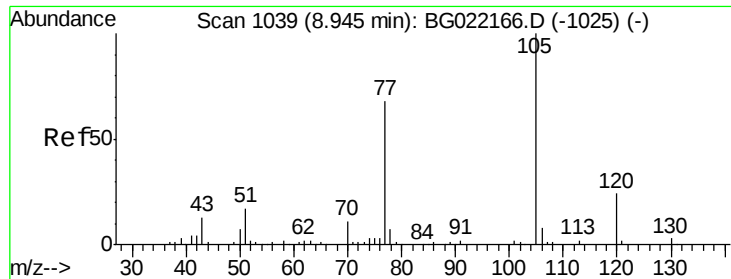
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:136 Resp: 139470
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.2 9.6 14.4#
68 6.0 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): BGC
Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 31.48 ng

RT: 8.90 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

Tgt Ion:105 Resp: 94602

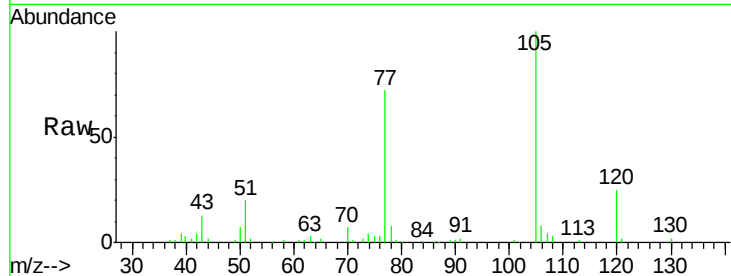
Ion Ratio Lower Upper

105 100

71 1.2 0.0 0.0#

51 20.1 25.7 38.5#

120 25.2 17.0 25.6

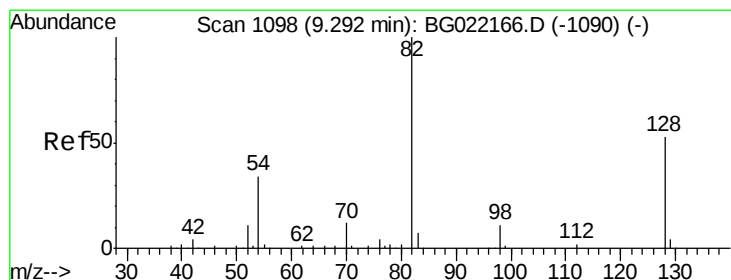
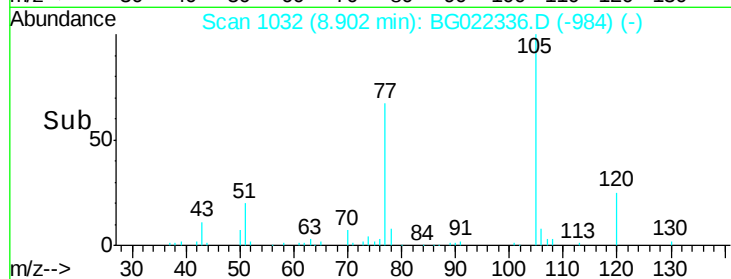
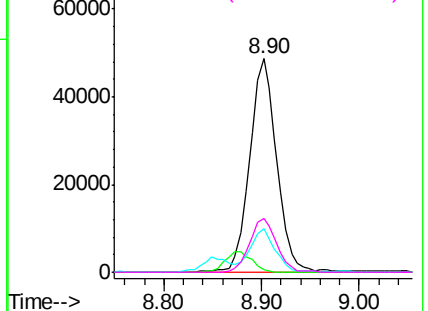


Abundance Ion 105.00 (104.70 to 105.70): E

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: 66.49 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

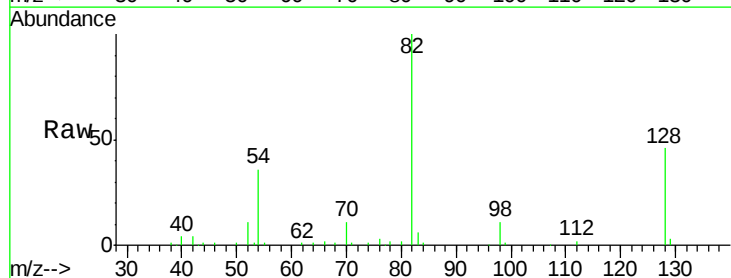
Tgt Ion: 82 Resp: 133017

Ion Ratio Lower Upper

82 100

128 46.2 33.4 50.0

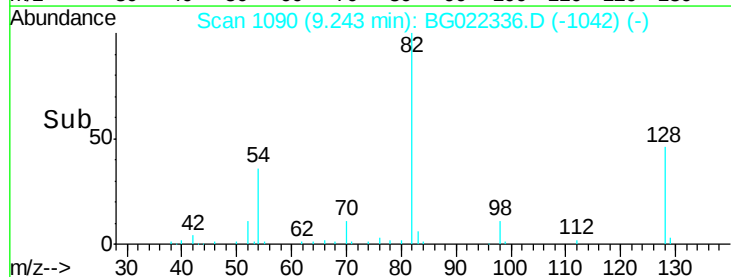
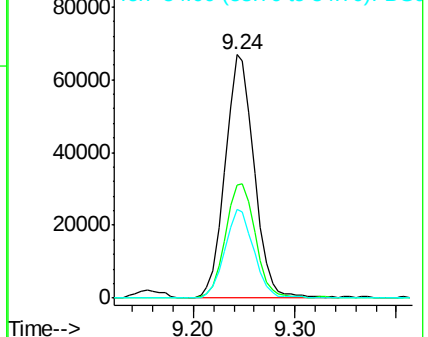
54 36.3 46.1 69.1#

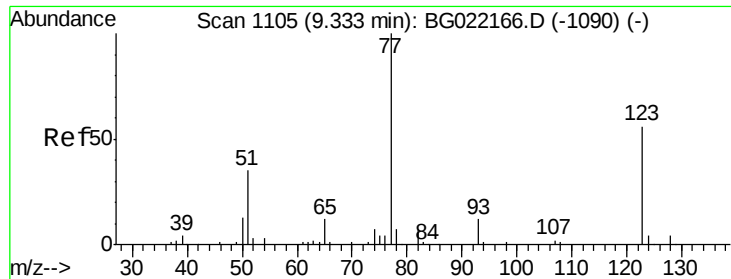


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

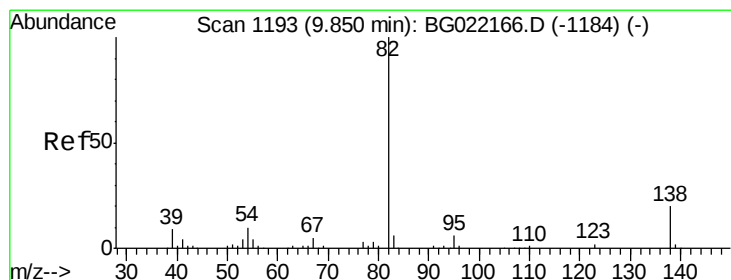
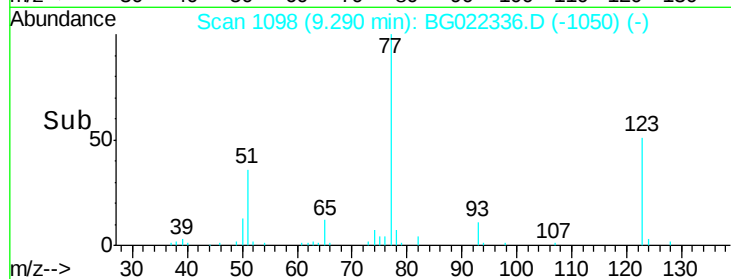
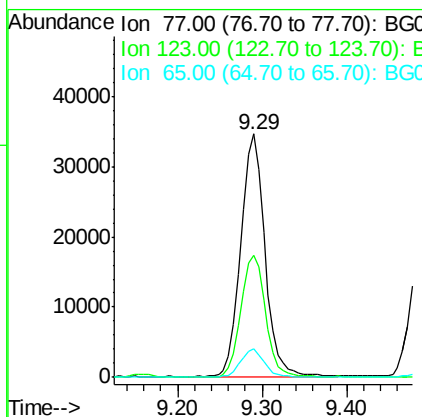
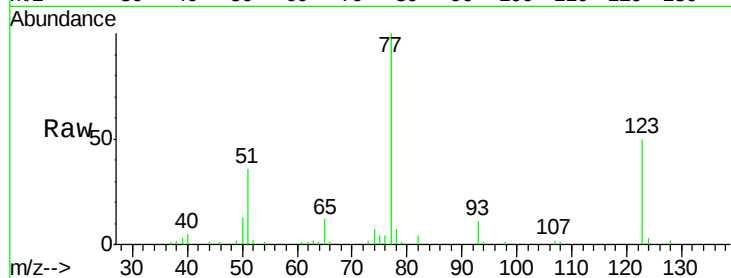




#24
 Nitrobenzene
 Concen: 34.51 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.02 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

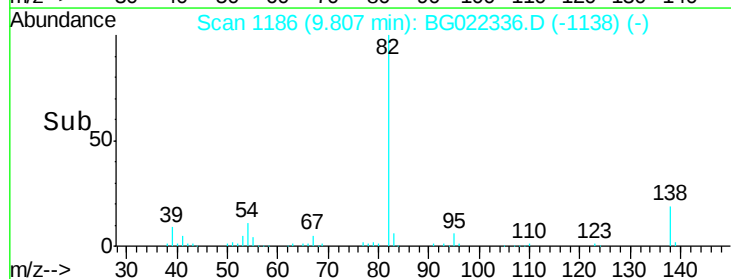
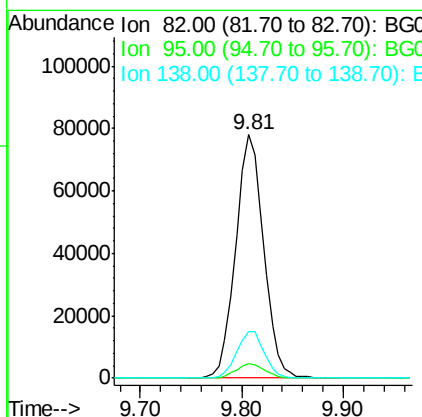
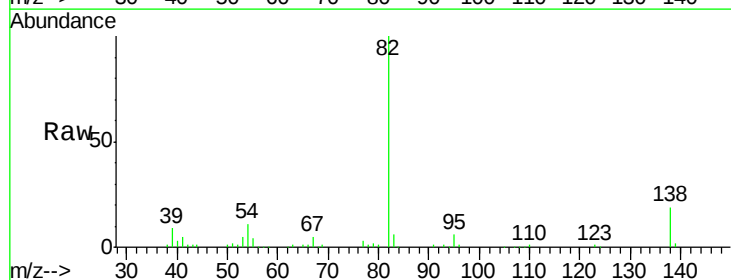
Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

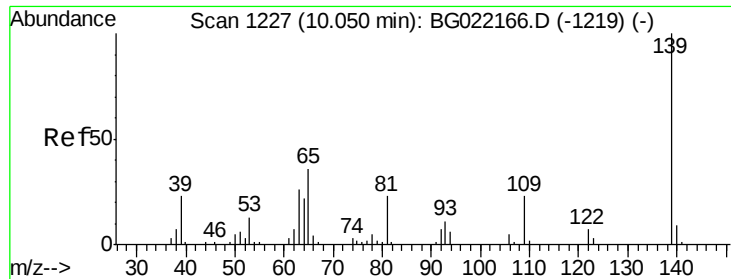
Tgt Ion: 77 Resp: 69424
 Ion Ratio Lower Upper
 77 100
 123 50.2 32.2 48.4#
 65 11.5 10.3 15.5



#25
 Isophorone
 Concen: 31.93 ng
 RT: 9.81 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion: 82 Resp: 149430
 Ion Ratio Lower Upper
 82 100
 95 6.1 6.0 9.0
 138 19.1 13.4 20.0

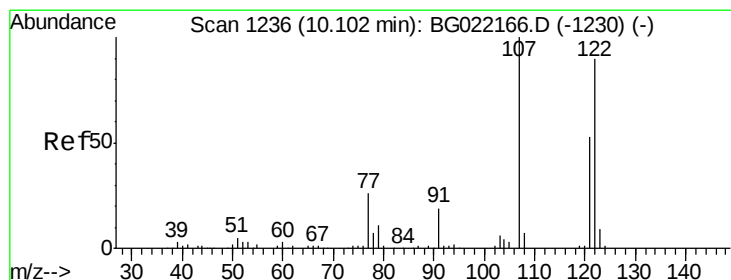
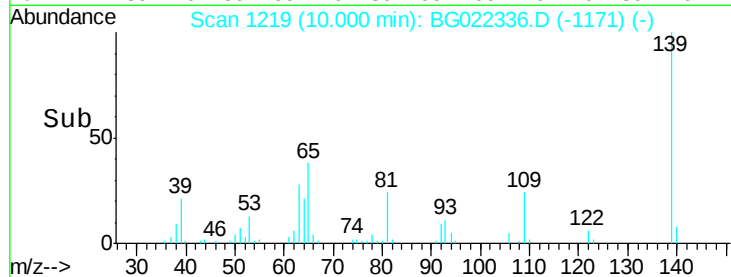
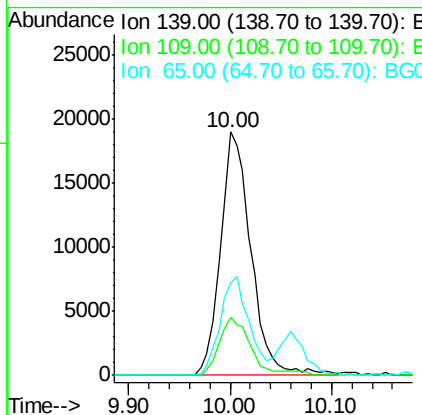
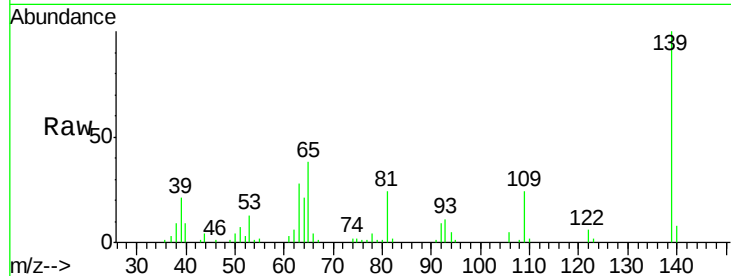




#26
2-Nitrophenol
Concen: 36.32 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

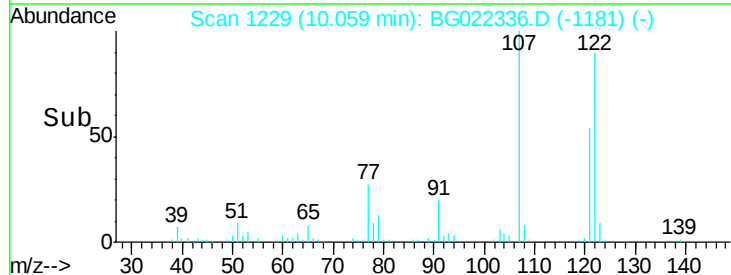
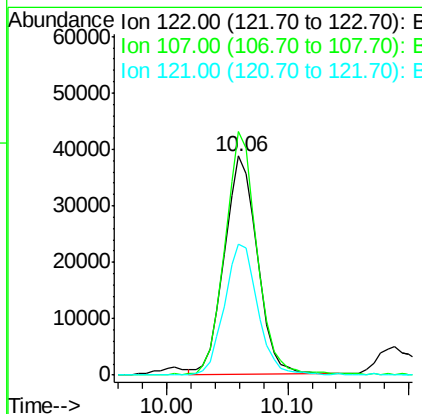
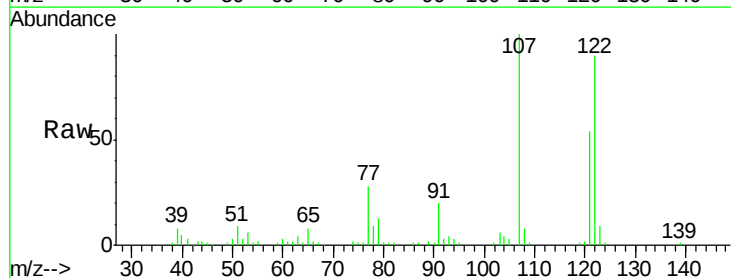
Instrument :
BNA_G
ClientSampleId :
PB91324BS

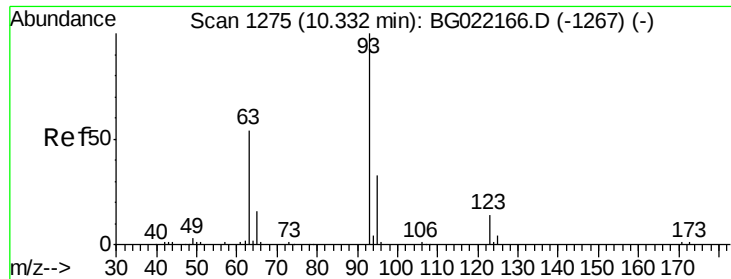
Tgt Ion:139 Resp: 39621
Ion Ratio Lower Upper
139 100
109 23.6 26.6 40.0#
65 38.2 45.3 67.9#



#27
2,4-Dimethylphenol
Concen: 37.23 ng
RT: 10.06 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:122 Resp: 73510
Ion Ratio Lower Upper
122 100
107 111.1 97.2 145.8
121 59.8 49.0 73.4

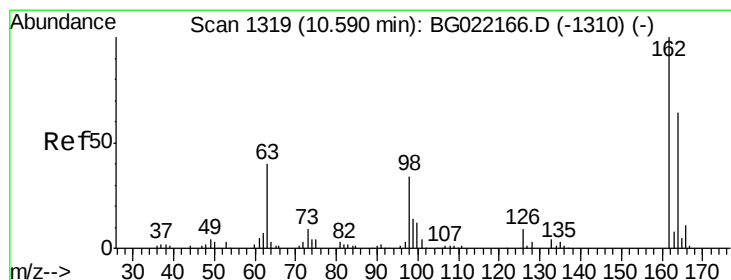
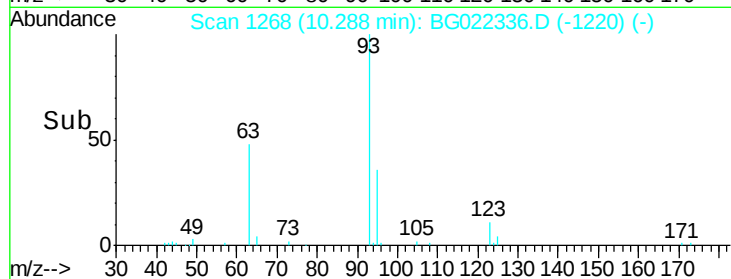
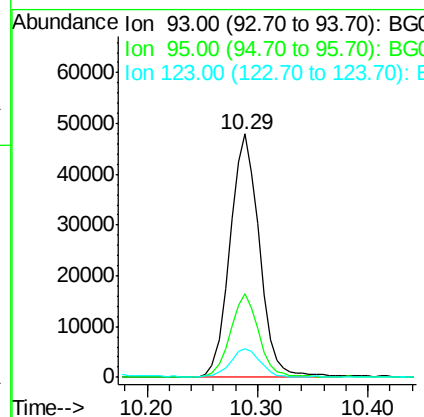
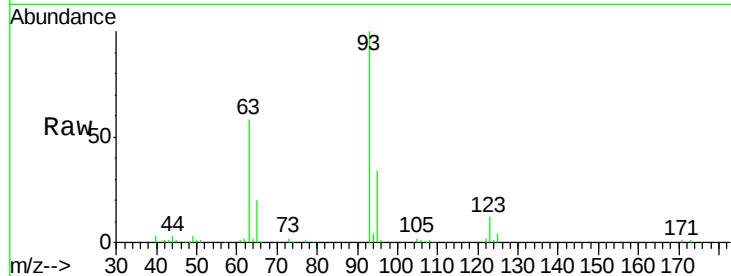




#28
bis(2-Chloroethoxy)methane
Concen: 33.39 ng
RT: 10.29 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

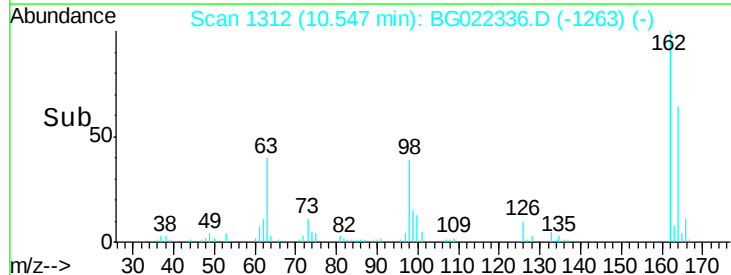
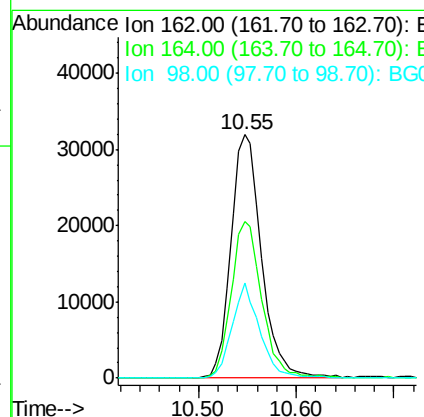
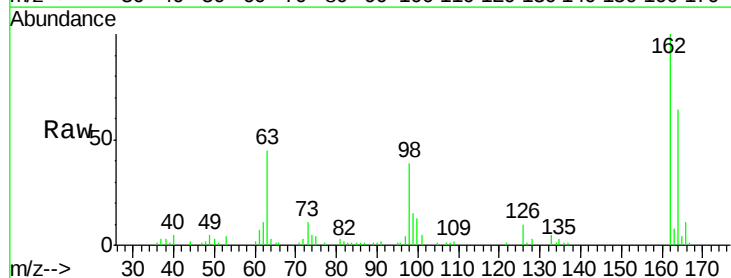
Instrument :
BNA_G
ClientSampleId :
PB91324BS

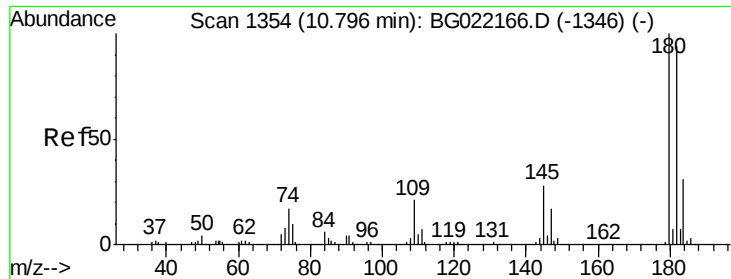
Tgt Ion: 93 Resp: 89529
Ion Ratio Lower Upper
93 100
95 34.4 30.1 45.1
123 11.6 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 37.90 ng
RT: 10.55 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion: 162 Resp: 69323
Ion Ratio Lower Upper
162 100
164 64.2 44.9 84.9
98 39.1 19.2 59.2

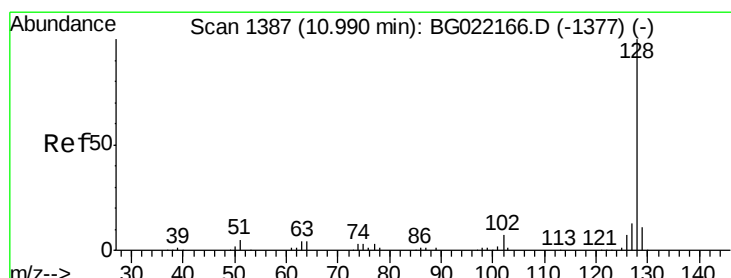
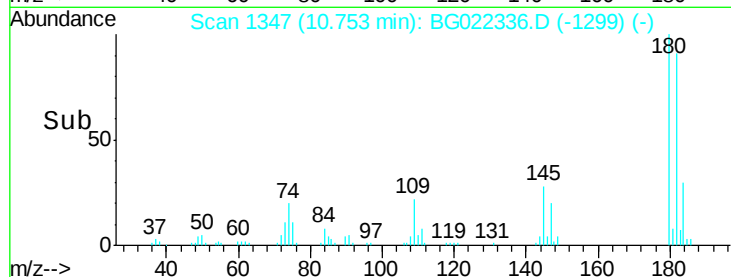
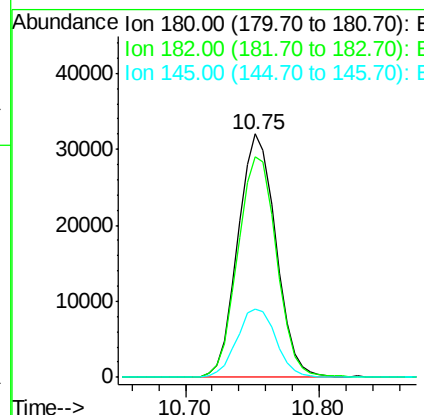
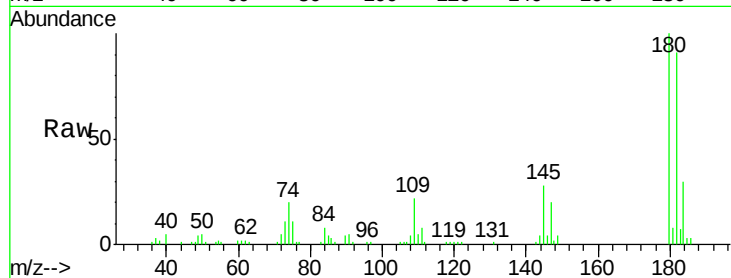




#30
1,2,4-Trichlorobenzene
Concen: 30.83 ng
RT: 10.75 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

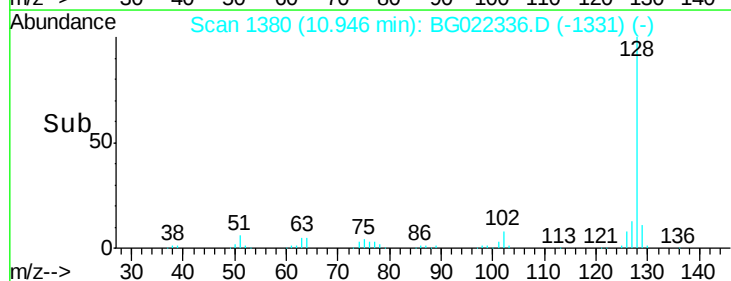
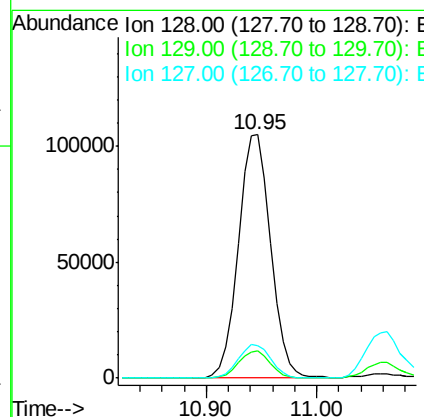
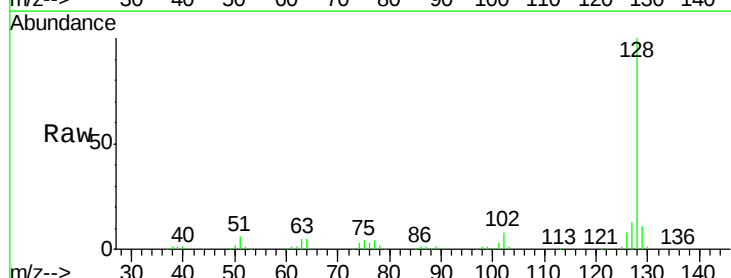
Instrument :
BNA_G
ClientSampleId :
PB91324BS

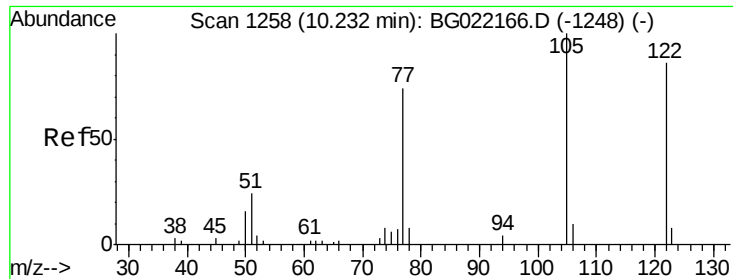
Tgt Ion:180 Resp: 63020
Ion Ratio Lower Upper
180 100
182 90.5 82.3 123.5
145 28.0 24.4 36.6



#31
Naphthalene
Concen: 31.02 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:128 Resp: 215959
Ion Ratio Lower Upper
128 100
129 11.1 7.0 10.6#
127 13.5 10.1 15.1





#32

Benzoic acid

Concen: 30.17 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

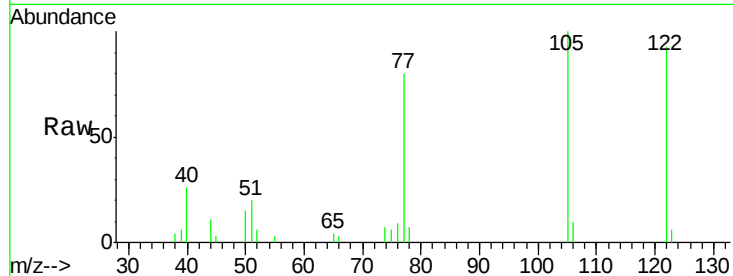
Tgt Ion:122 Resp: 16089

Ion Ratio Lower Upper

122 100

105 108.0 104.5 144.5

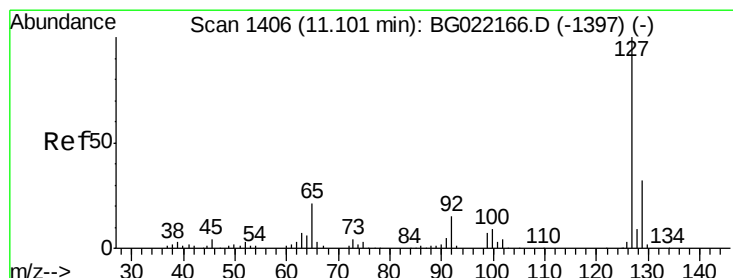
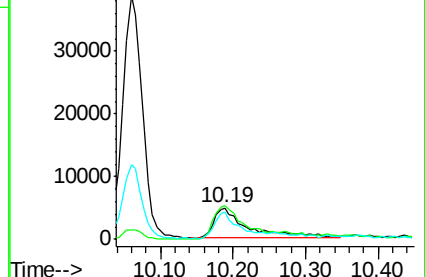
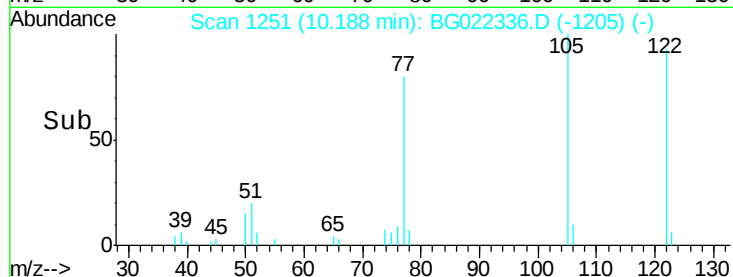
77 86.1 79.9 119.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 17.28 ng

RT: 11.06 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Tgt Ion:127 Resp: 50014

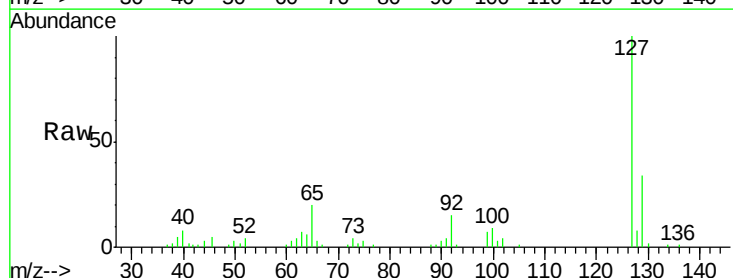
Ion Ratio Lower Upper

127 100

129 34.5 26.6 39.8

65 19.5 27.5 41.3#

92 15.3 14.7 22.1

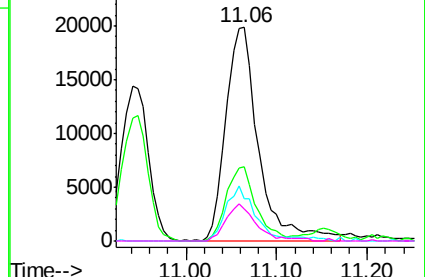
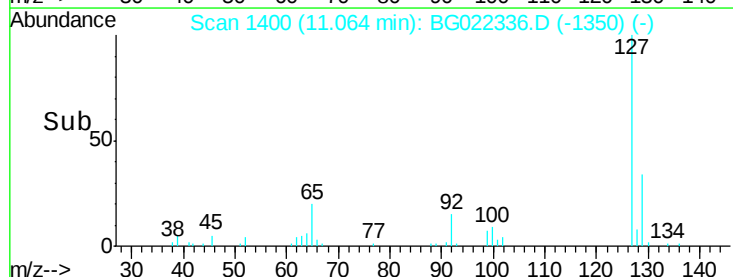


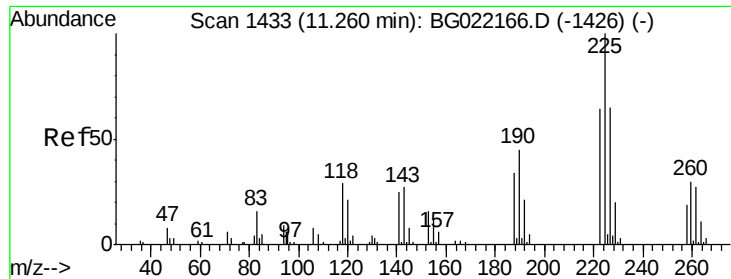
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

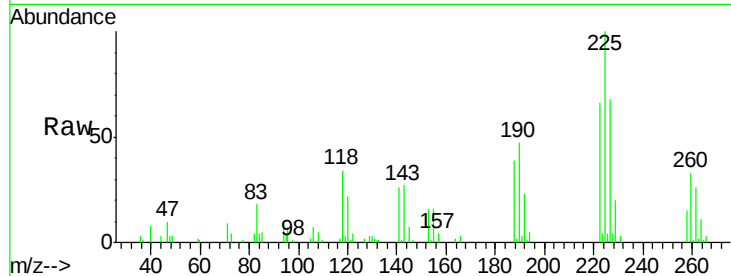




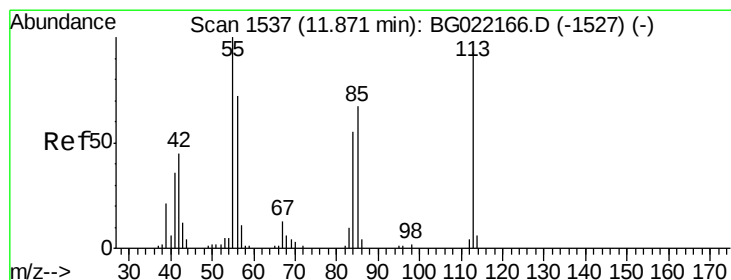
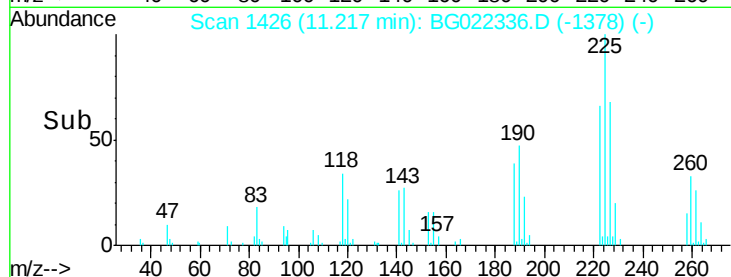
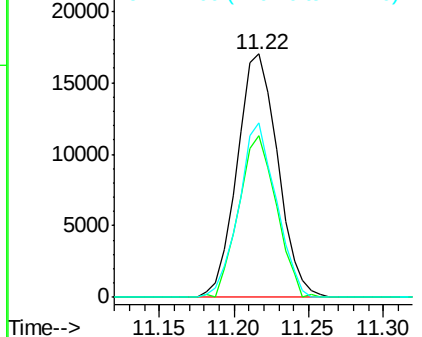
#34
Hexachlorobutadiene
Concen: 29.33 ng
RT: 11.22 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Instrument :
BNA_G
ClientSampleId :
PB91324BS

Tgt Ion: 225 Resp: 32183
Ion Ratio Lower Upper
225 100
223 67.5 52.7 79.1
227 68.9 49.7 74.5

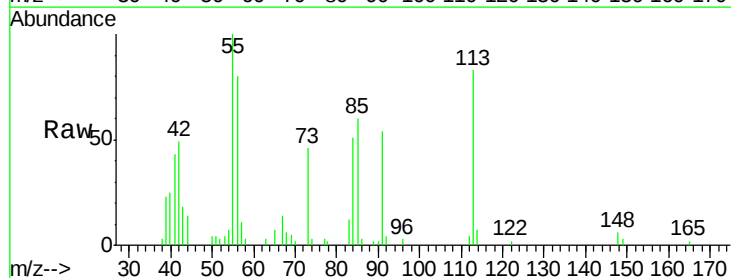


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

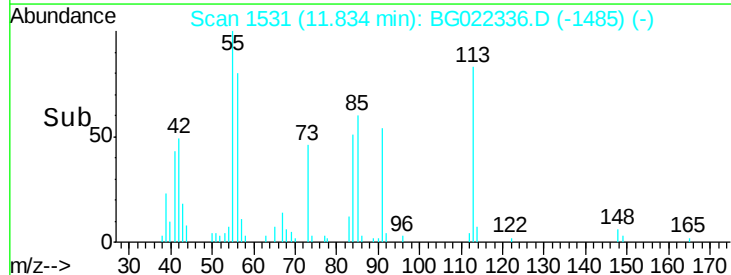
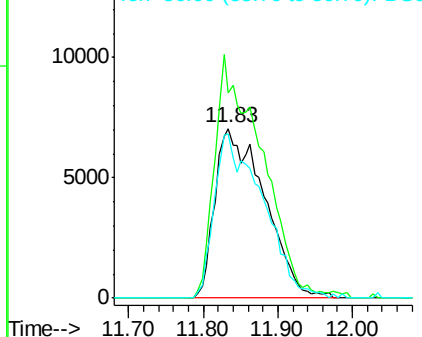


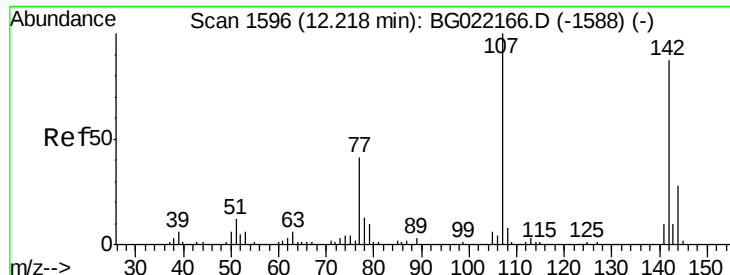
#35
Caprolactam
Concen: 32.36 ng
RT: 11.83 min Scan# 1531
Delta R.T. -0.03 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion: 113 Resp: 32474
Ion Ratio Lower Upper
113 100
55 121.2 194.2 234.2#
56 96.6 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

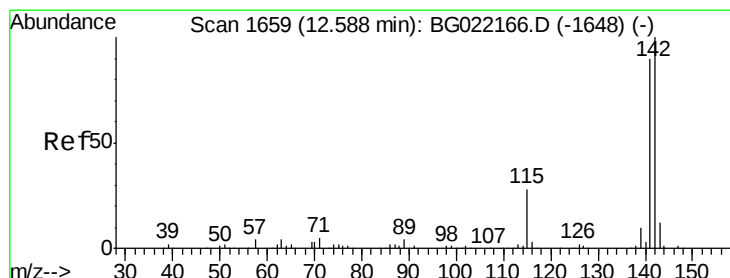
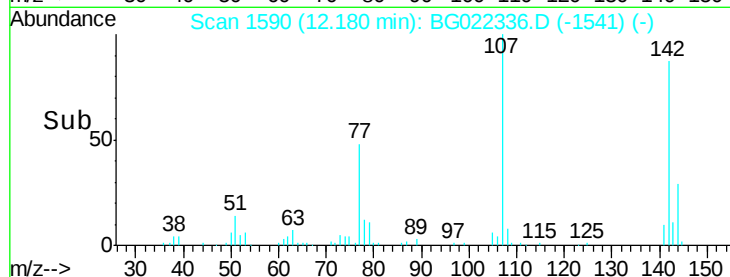
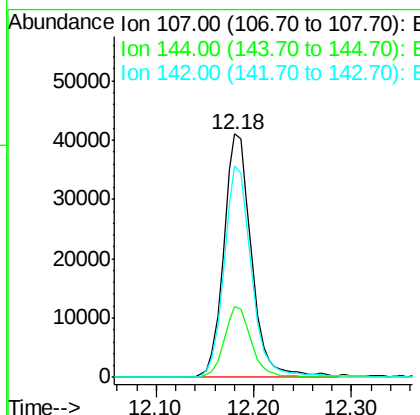
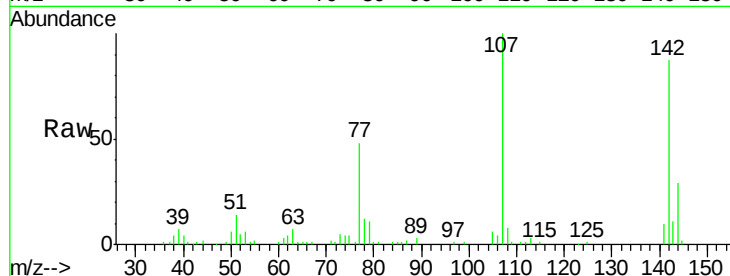




#36
 4-Chloro-3-methylphenol
 Concen: 37.32 ng
 RT: 12.18 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

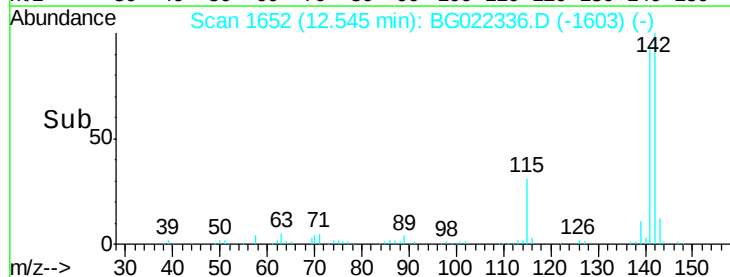
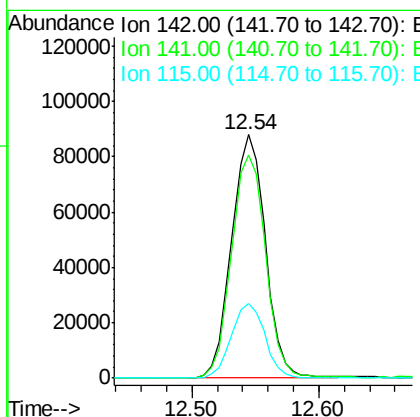
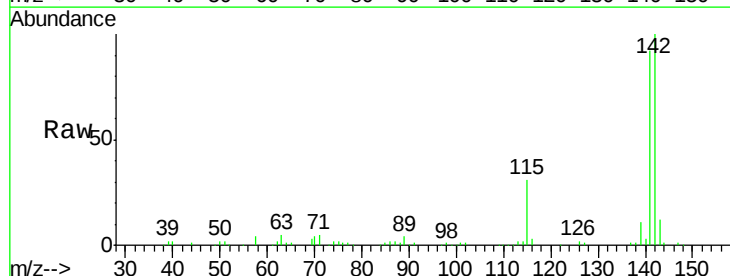
Instrument :
 BNA_G
 ClientSampled :
 PB91324BS

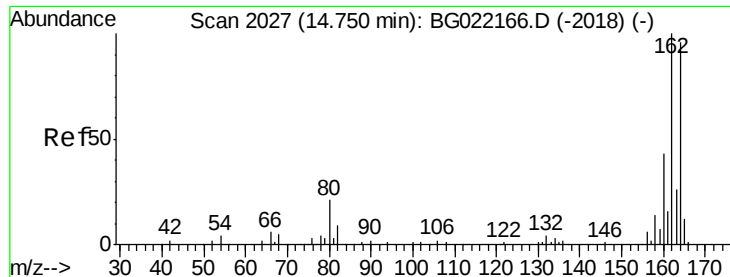
Tgt Ion:107 Resp: 80911
 Ion Ratio Lower Upper
 107 100
 144 29.3 19.2 28.8#
 142 86.9 59.1 88.7



#37
 2-Methylnaphthalene
 Concen: 31.59 ng
 RT: 12.54 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion:142 Resp: 162335
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.4 107.0
 115 30.8 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

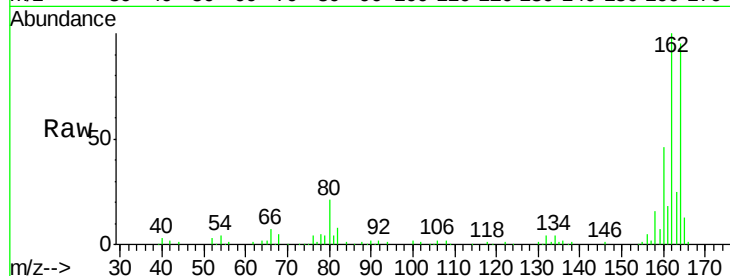
Tgt Ion:164 Resp: 87511

Ion Ratio Lower Upper

164 100

162 104.9 78.0 117.0

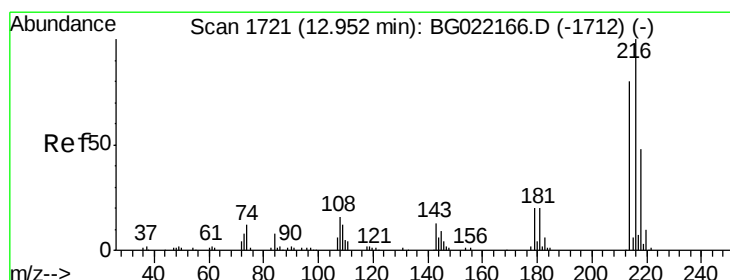
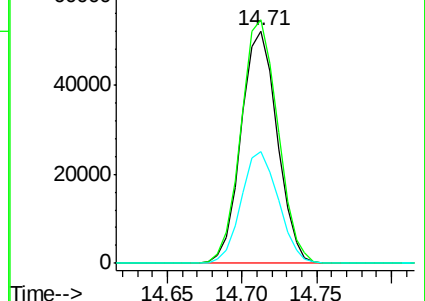
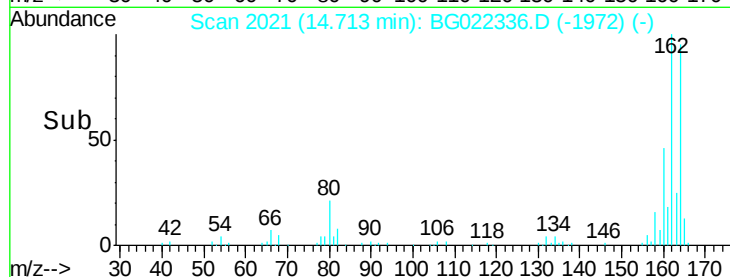
160 48.4 32.9 49.3



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: 30.40 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Tgt Ion:216 Resp: 68486

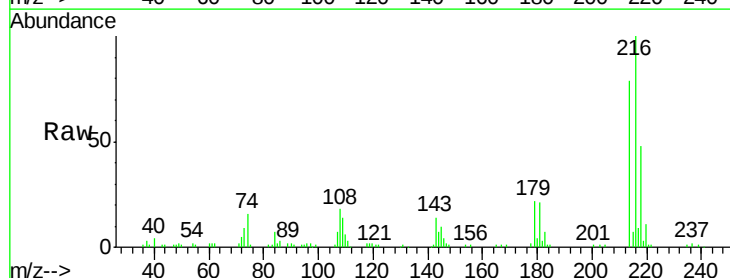
Ion Ratio Lower Upper

216 100

214 77.6 62.2 93.2

179 21.7 16.7 25.1

108 20.0 14.0 21.0

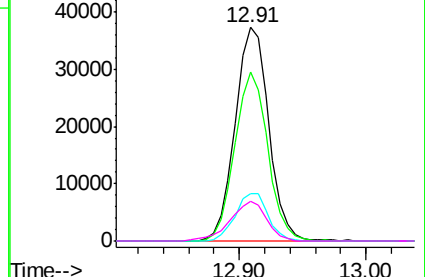
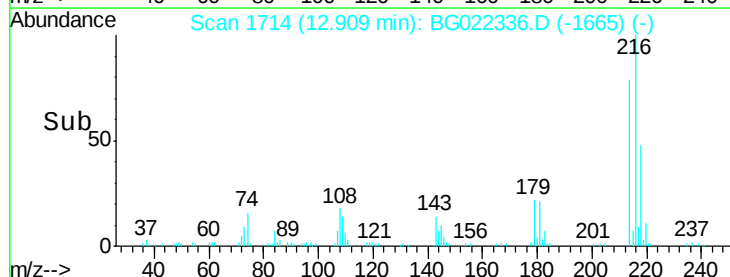


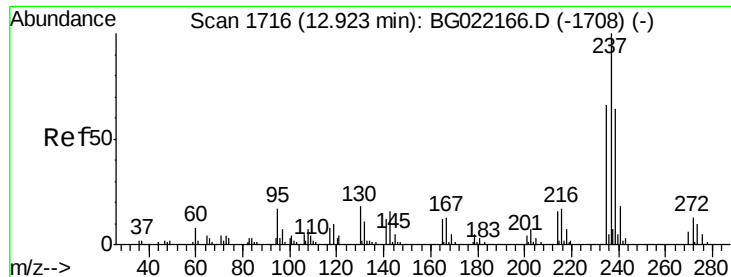
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 38.88 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

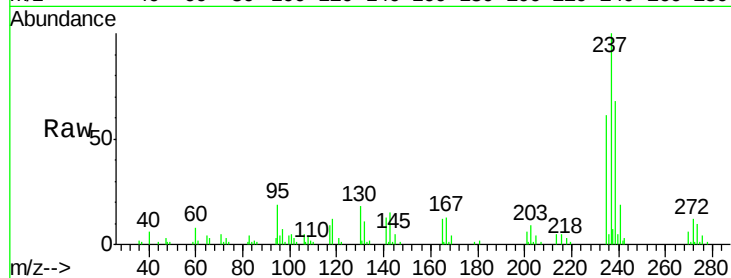
Tgt Ion:237 Resp: 41415

Ion Ratio Lower Upper

237 100

235 60.5 43.2 83.2

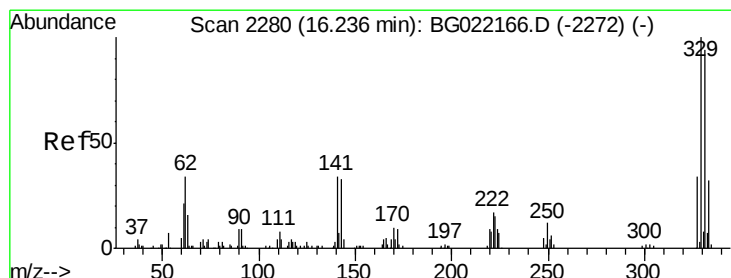
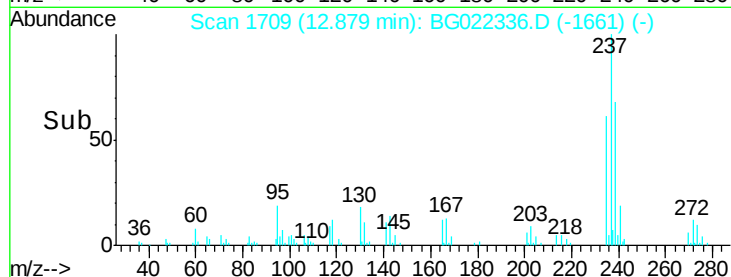
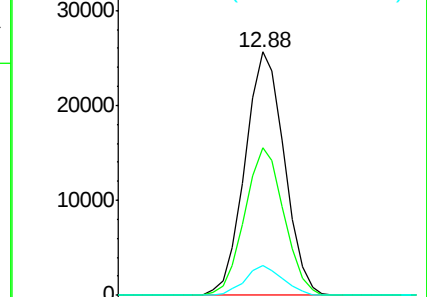
272 12.0 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 90.61 ng

RT: 16.20 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

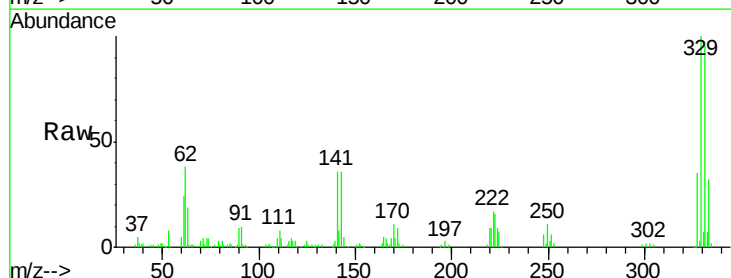
Tgt Ion:330 Resp: 89597

Ion Ratio Lower Upper

330 100

332 98.8 78.0 117.0

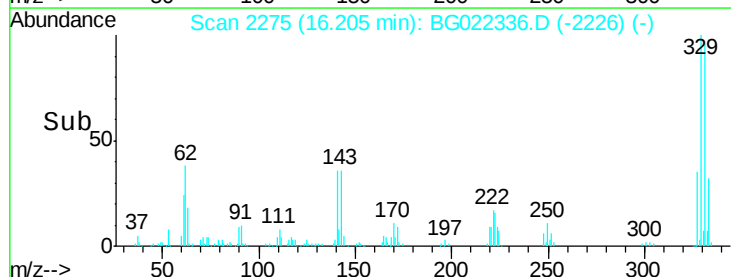
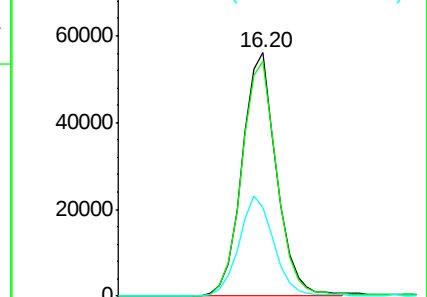
141 41.9 33.8 50.8

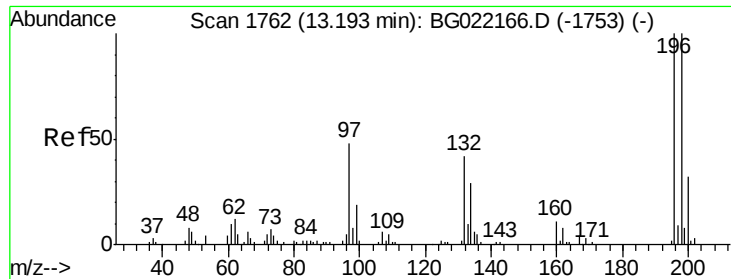


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

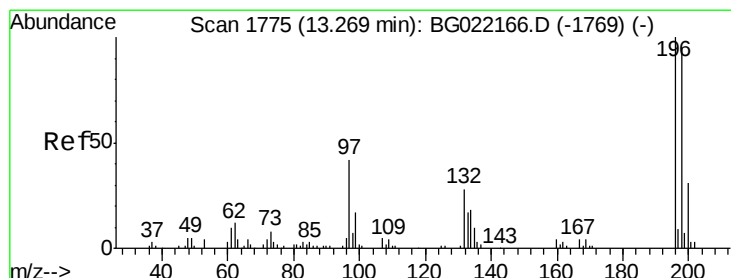
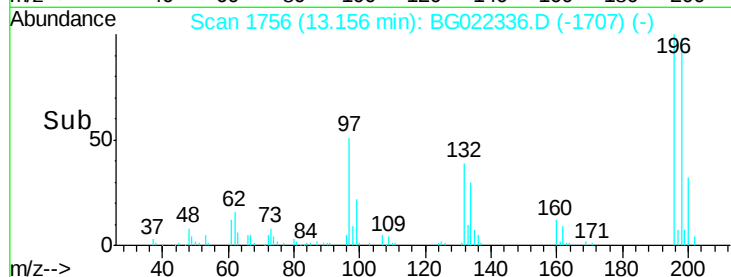
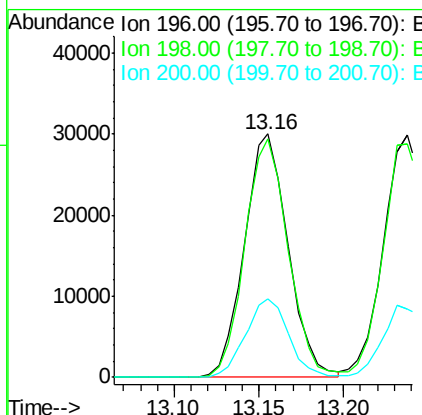
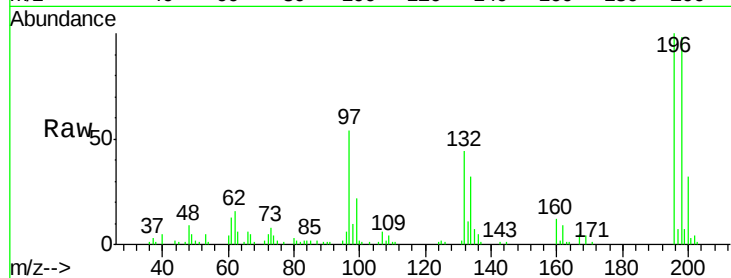




#42
 2,4,6-Trichlorophenol
 Concen: 35.54 ng
 RT: 13.16 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

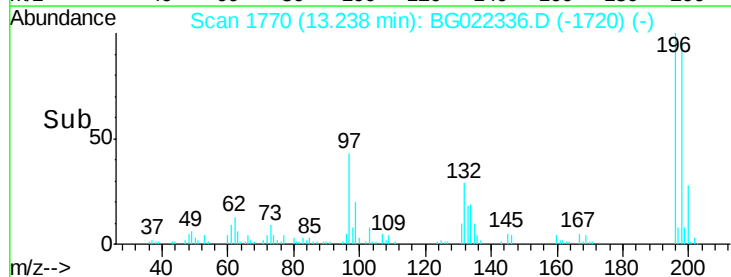
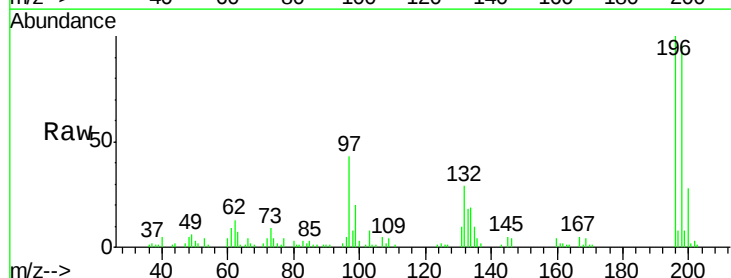
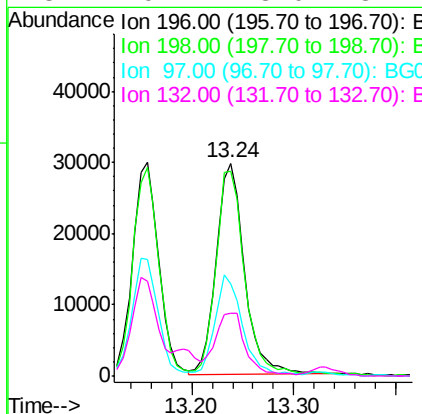
Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

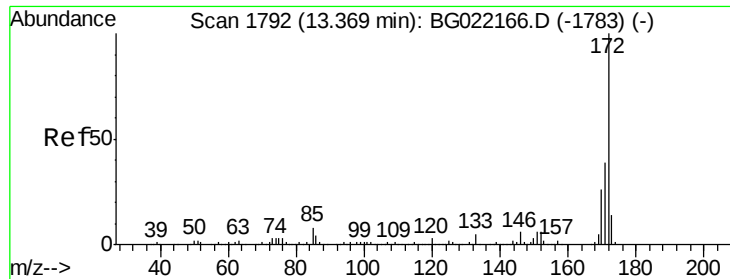
Tgt Ion:196 Resp: 53712
 Ion Ratio Lower Upper
 196 100
 198 97.9 80.1 120.1
 200 32.0 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 34.60 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion:196 Resp: 57766
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.0 117.0
 97 43.3 43.0 64.6
 132 29.2 23.0 34.4

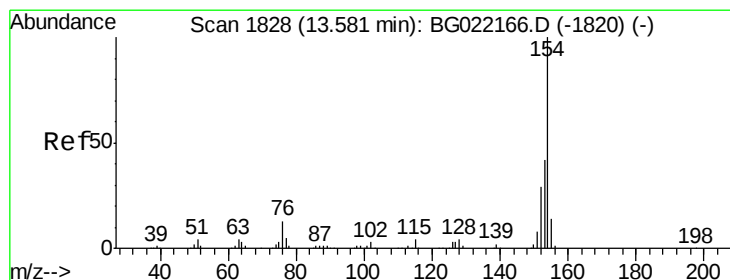
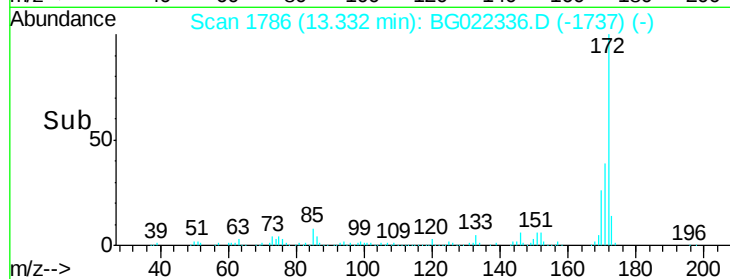
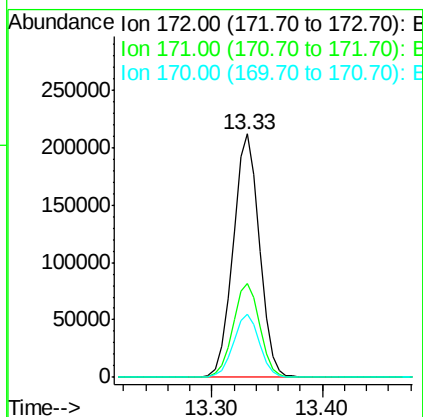
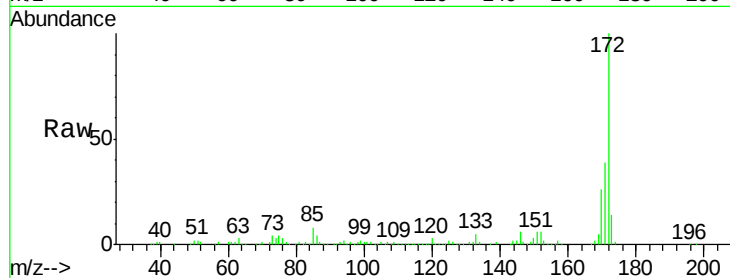




#44
 2-Fluorobiphenyl
 Concen: 61.62 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

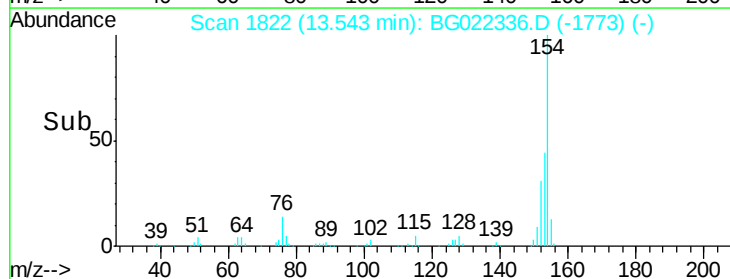
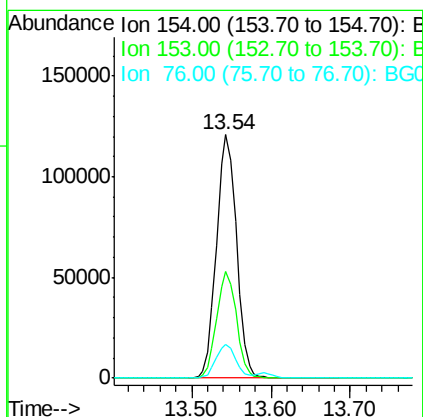
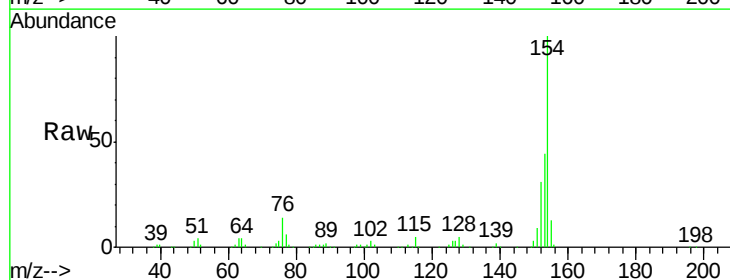
Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

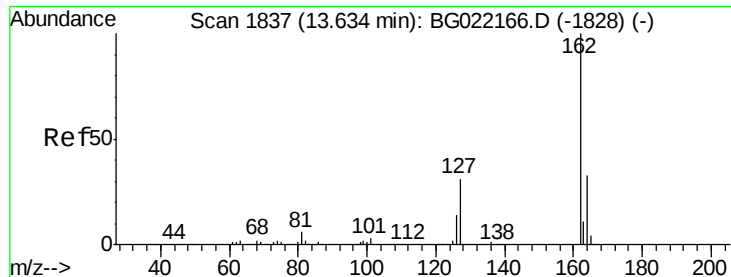
Tgt Ion:172 Resp: 353862
 Ion Ratio Lower Upper
 172 100
 171 38.7 27.8 41.6
 170 26.2 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 32.27 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion:154 Resp: 212515
 Ion Ratio Lower Upper
 154 100
 153 43.9 19.7 59.7
 76 14.1 0.0 33.0

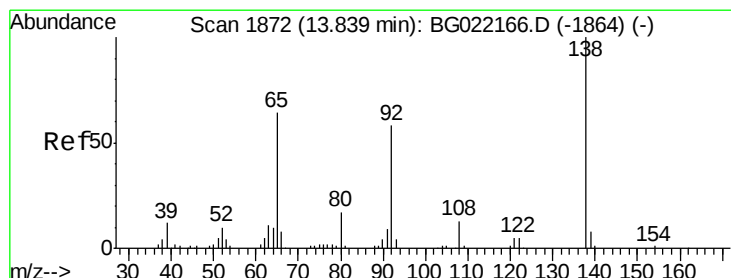
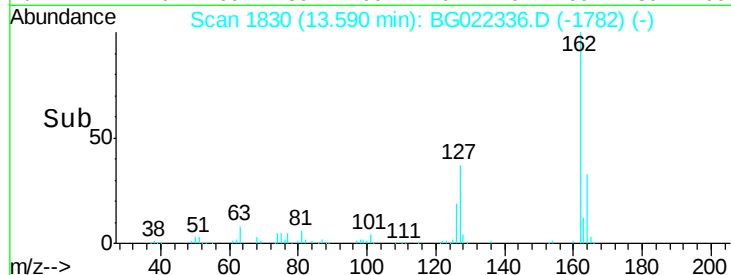
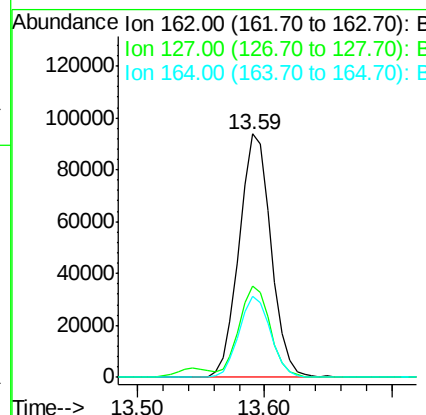
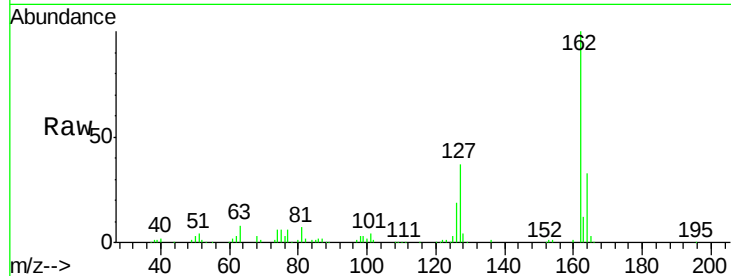




#46
2-Chloronaphthalene
Concen: 32.34 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

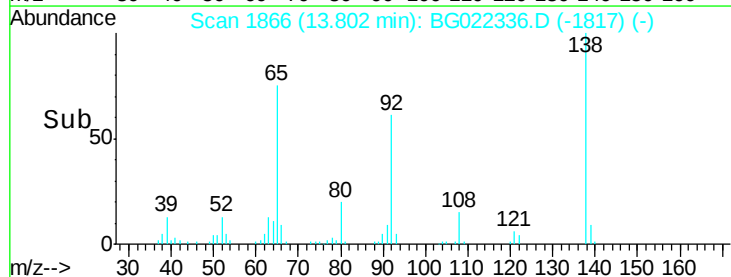
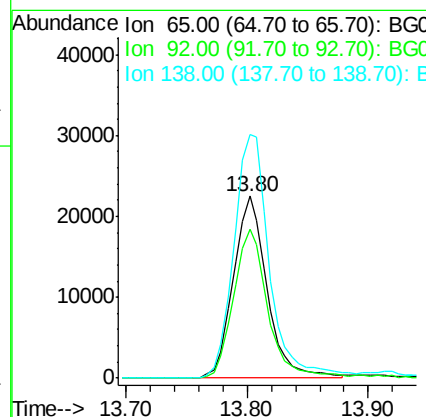
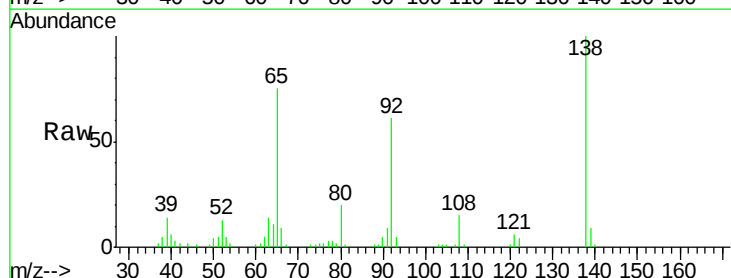
Instrument :
BNA_G
ClientSampleId :
PB91324BS

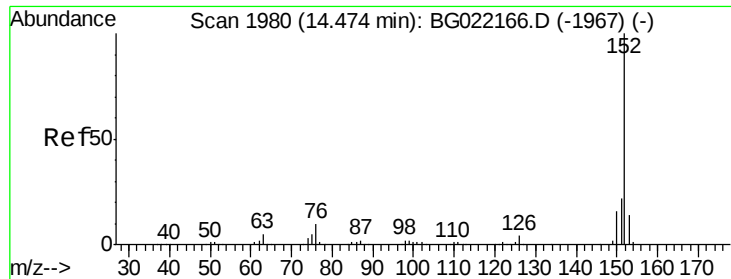
Tgt Ion: 162 Resp: 163276
Ion Ratio Lower Upper
162 100
127 37.5 32.0 48.0
164 33.1 27.0 40.4



#47
2-Nitroaniline
Concen: 36.28 ng
RT: 13.80 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion: 65 Resp: 43669
Ion Ratio Lower Upper
65 100
92 81.9 49.2 73.8#
138 133.9 75.0 112.6#





#48

Acenaphthylene

Concen: 31.94 ng

RT: 14.44 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

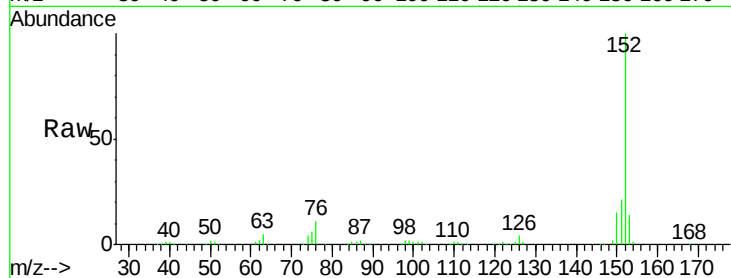
Tgt Ion:152 Resp: 282954

Ion Ratio Lower Upper

152 100

151 21.3 16.6 24.8

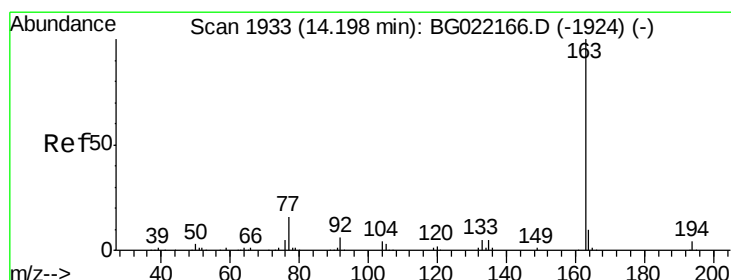
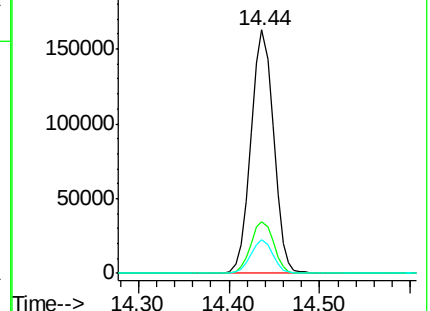
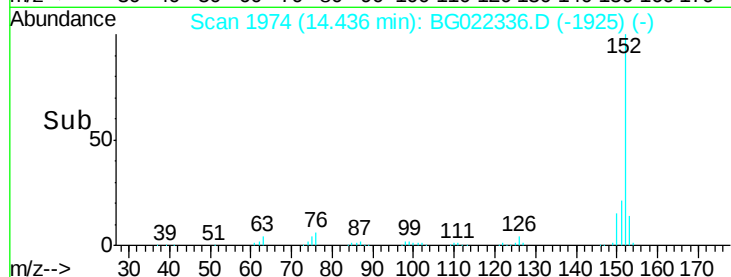
153 14.0 10.2 15.2



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: 30.83 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

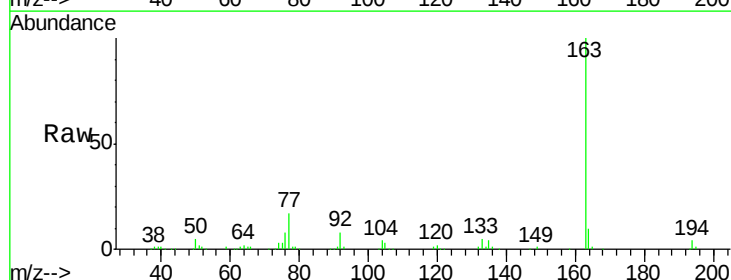
Tgt Ion:163 Resp: 223729

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

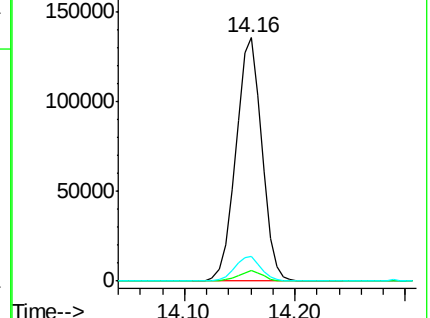
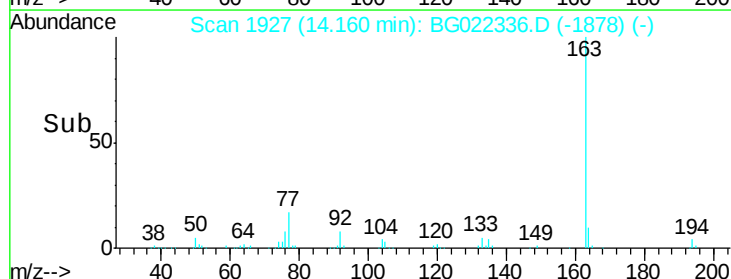
164 10.1 8.1 12.1

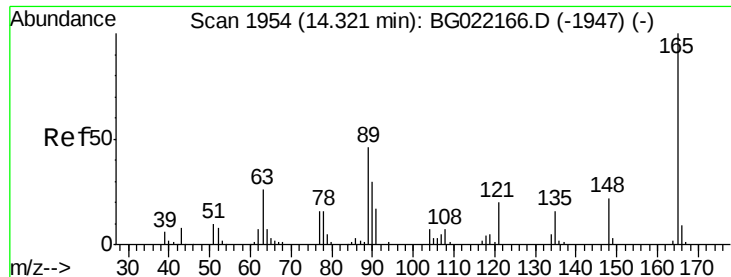


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

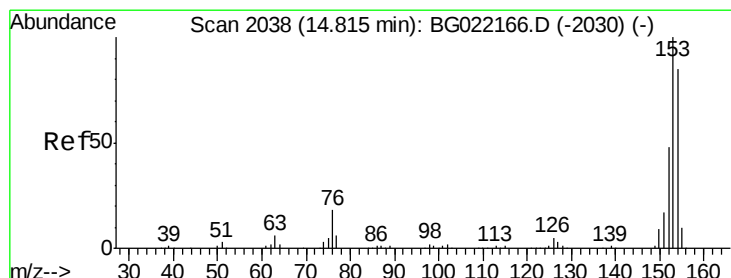
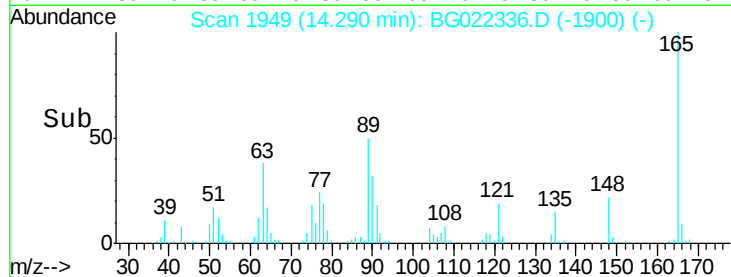
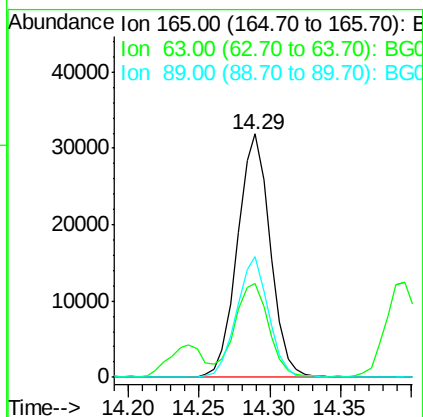
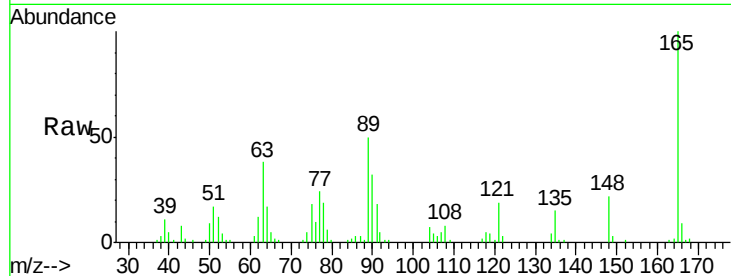




#50
2,6-Dinitrotoluene
Concen: 32.85 ng
RT: 14.29 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

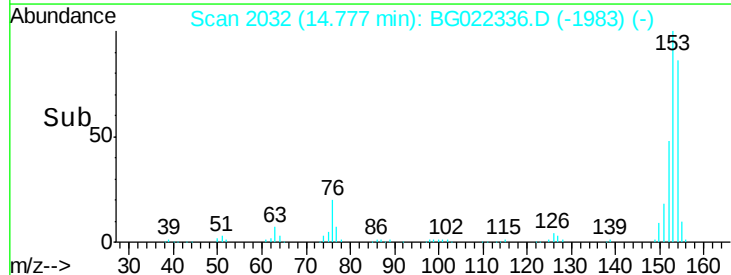
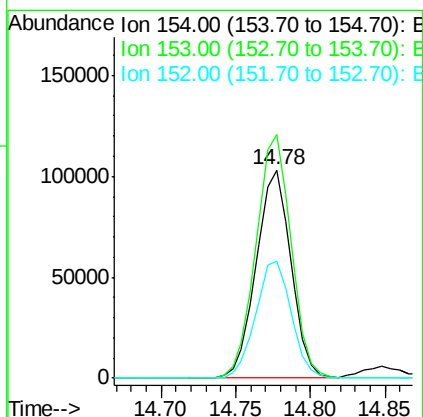
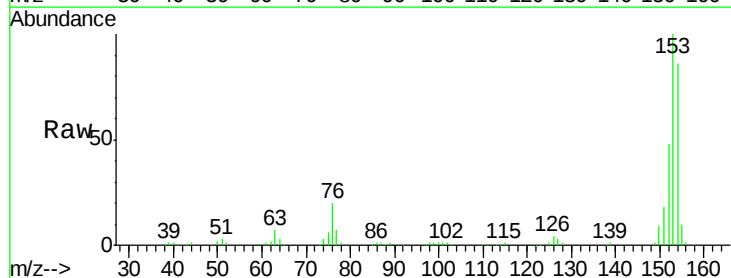
Instrument :
BNA_G
ClientSampleId :
PB91324BS

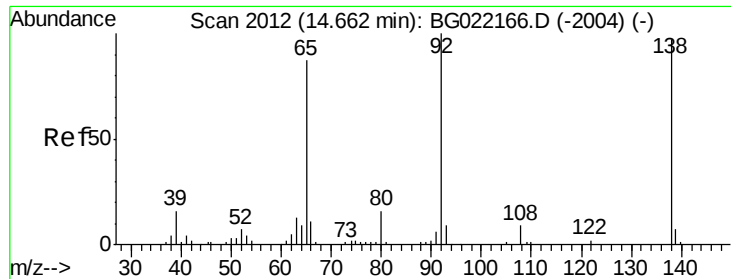
Tgt Ion:165 Resp: 51822
Ion Ratio Lower Upper
165 100
63 38.3 48.2 72.4#
89 49.8 45.3 67.9



#51
Acenaphthene
Concen: 31.33 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:154 Resp: 166267
Ion Ratio Lower Upper
154 100
153 116.9 91.9 137.9
152 56.1 42.0 63.0

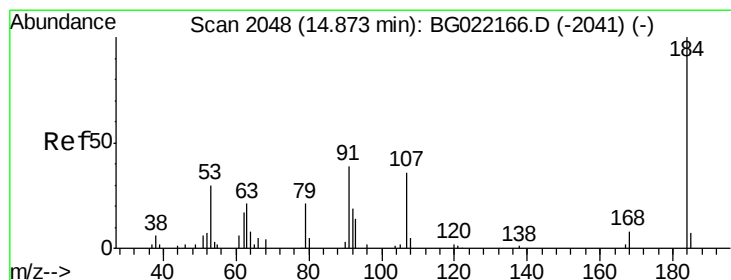
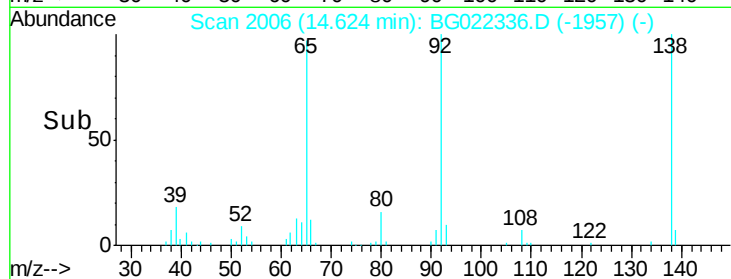
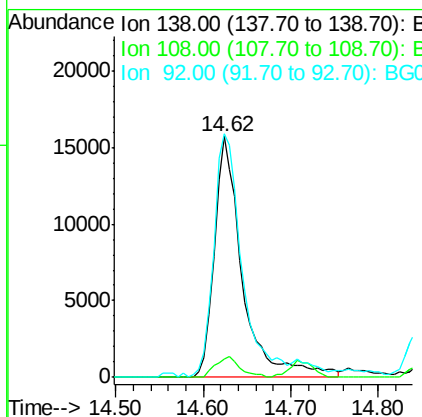
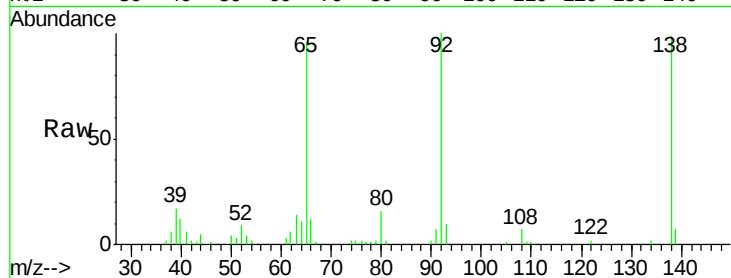




#52
3-Nitroaniline
Concen: 19.89 ng
RT: 14.62 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

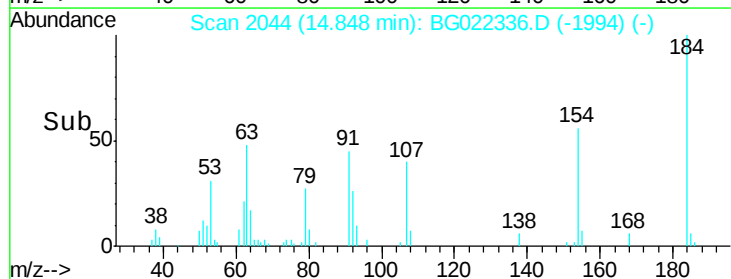
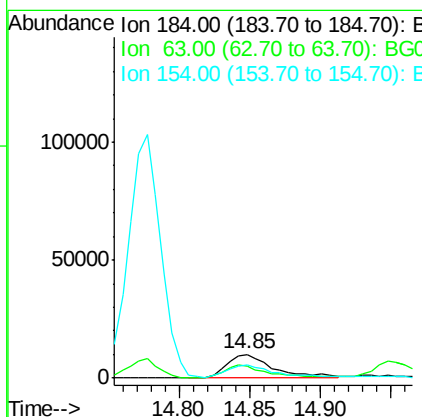
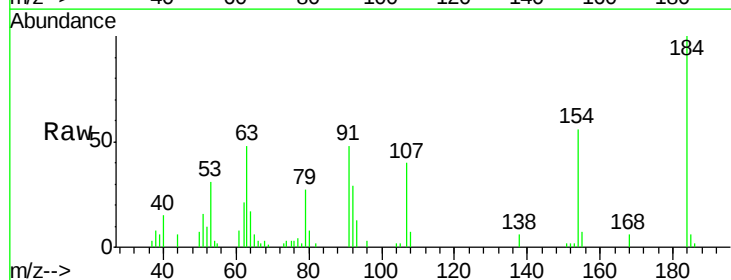
Instrument :
BNA_G
ClientSampleId :
PB91324BS

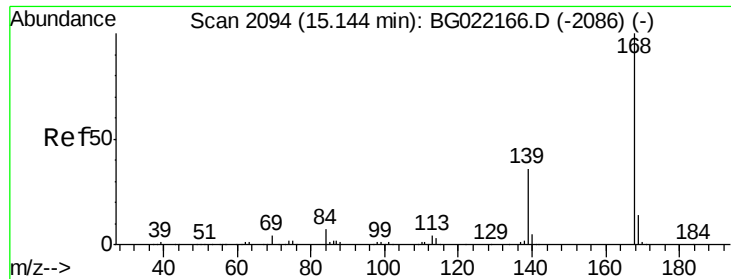
Tgt Ion:138 Resp: 34803
Ion Ratio Lower Upper
138 100
108 7.5 9.1 13.7#
92 101.2 102.6 154.0#



#53
2,4-Dinitrophenol
Concen: 42.22 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:184 Resp: 23348
Ion Ratio Lower Upper
184 100
63 48.2 57.3 85.9#
154 56.2 55.2 82.8





#54

Dibenzenofuran

Concen: 31.30 ng

RT: 15.11 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

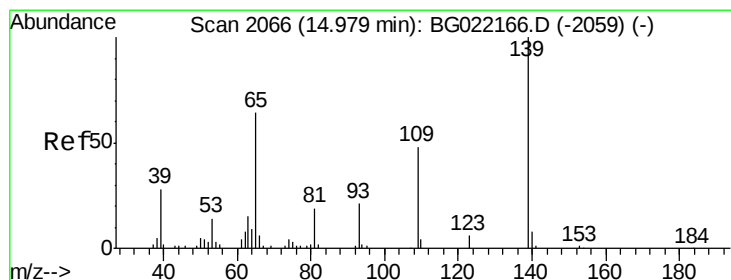
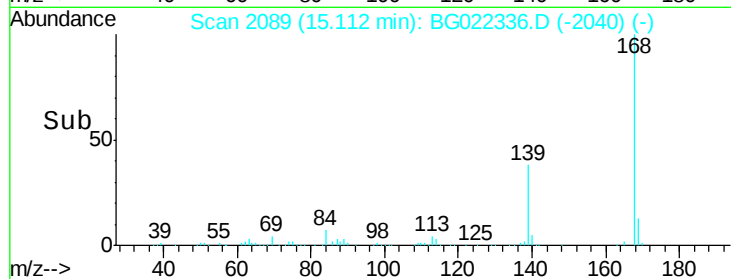
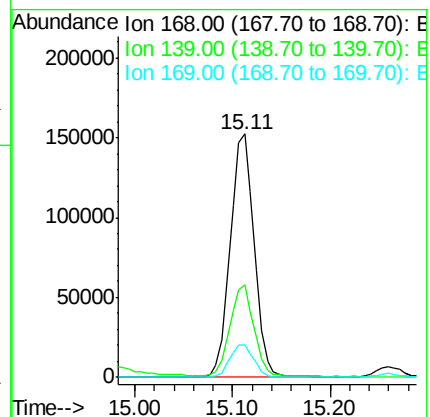
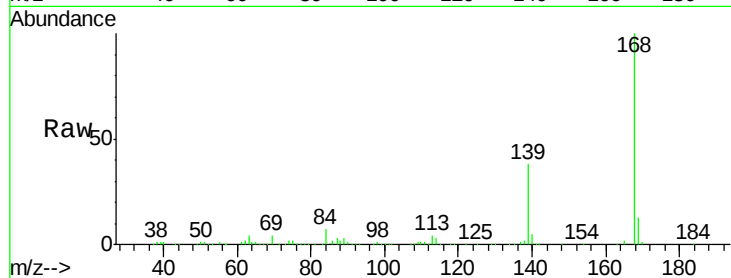
Tgt Ion:168 Resp: 259209

Ion Ratio Lower Upper

168 100

139 38.3 31.1 46.7

169 13.3 11.0 16.6



#55

4-Nitrophenol

Concen: 63.47 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

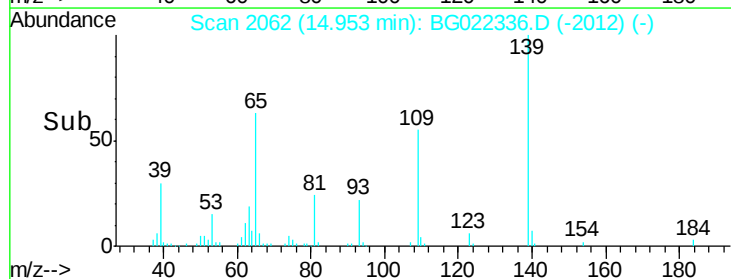
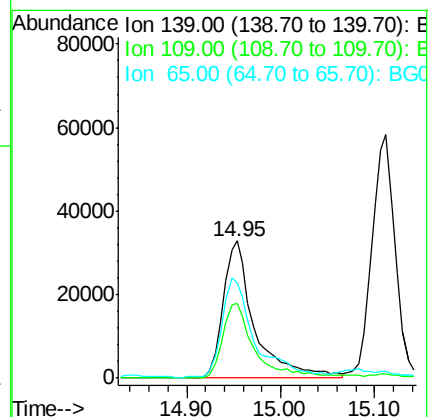
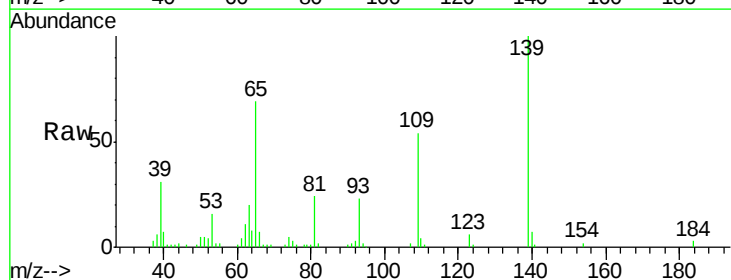
Tgt Ion:139 Resp: 76635

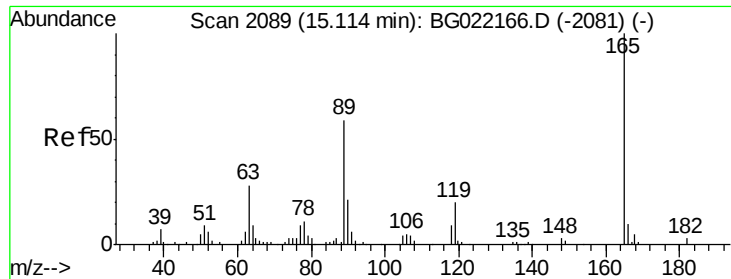
Ion Ratio Lower Upper

139 100

109 54.2 49.2 89.2

65 69.4 83.2 123.2#





#56

2,4-Dinitrotoluene

Concen: 34.10 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

Tgt Ion:165 Resp: 72146

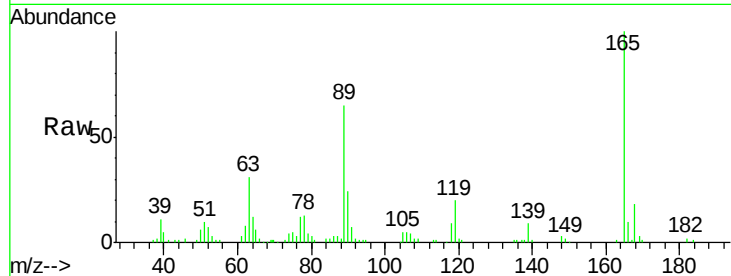
Ion Ratio Lower Upper

165 100

63 31.4 37.4 56.0#

89 64.7 59.4 89.0

182 2.3 2.1 3.1

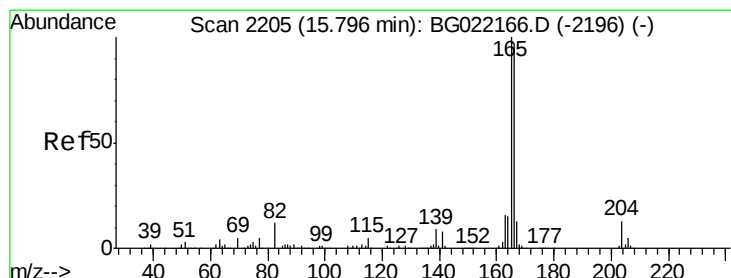
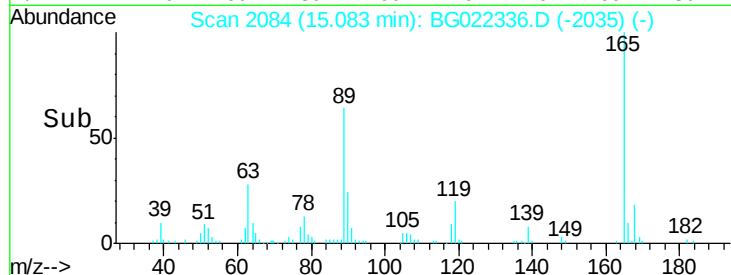
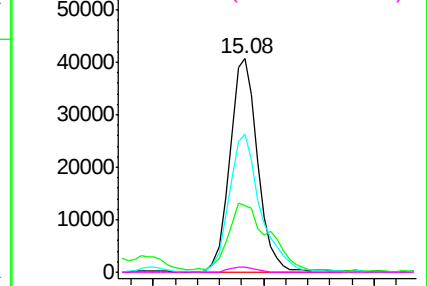


Abundance Ion 165.00 (164.70 to 165.70): E

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: 31.33 ng

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

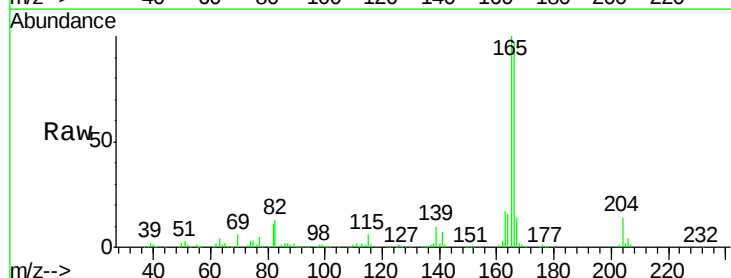
Tgt Ion:166 Resp: 223498

Ion Ratio Lower Upper

166 100

165 102.9 79.0 118.4

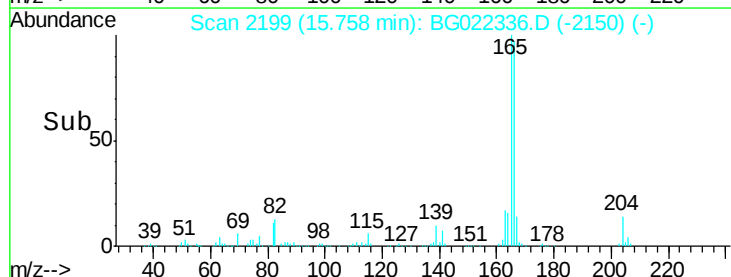
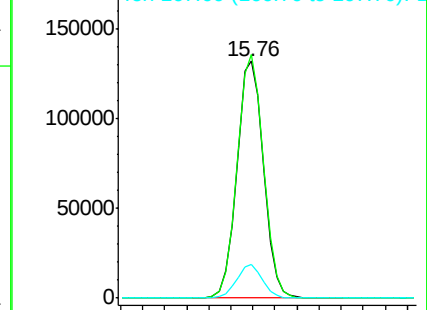
167 14.4 10.7 16.1

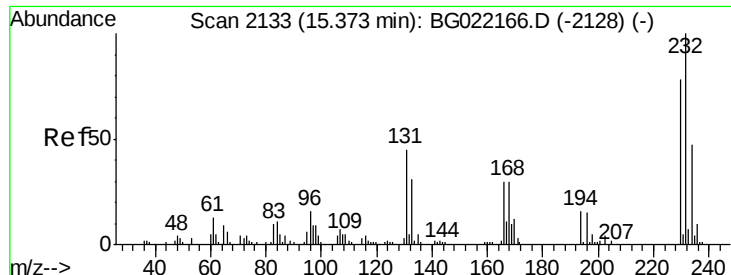


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

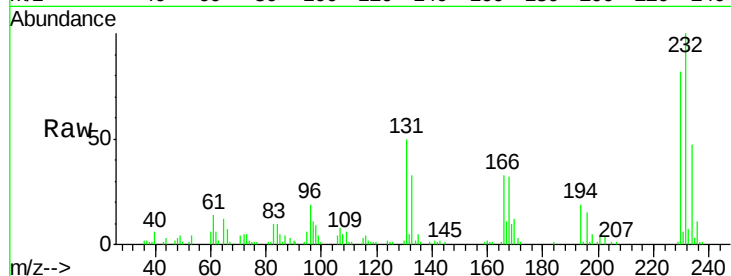




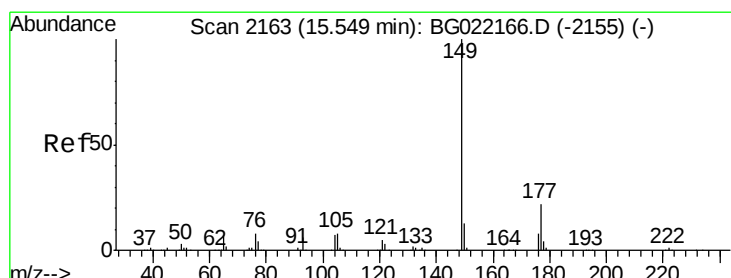
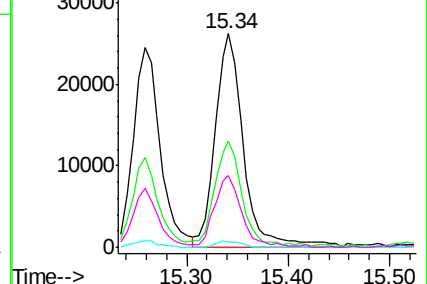
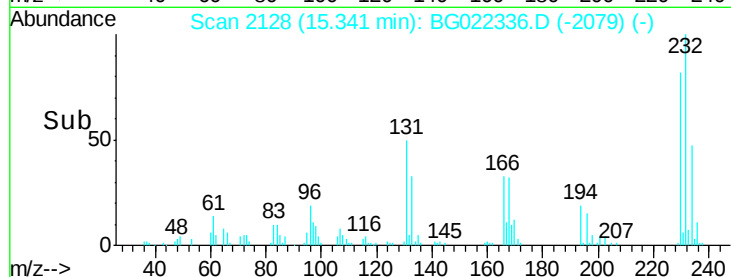
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.64 ng
 RT: 15.34 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

Tgt Ion:	232	Resp:	50375
Ion	Ratio	Lower	Upper
232	100		
131	47.5	36.3	54.5
130	2.4	1.9	2.9
166	33.0	25.0	37.4

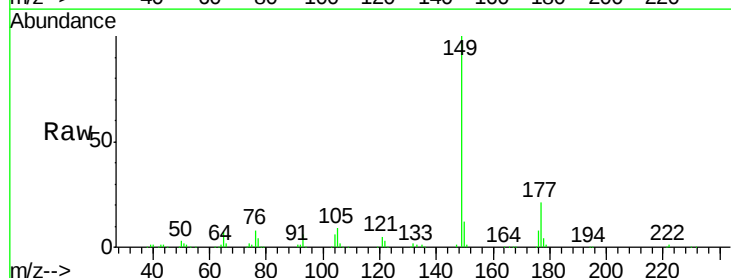


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

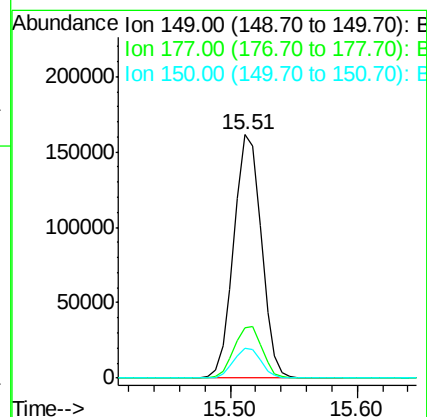
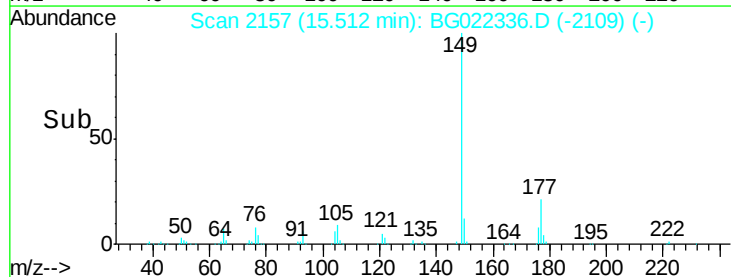


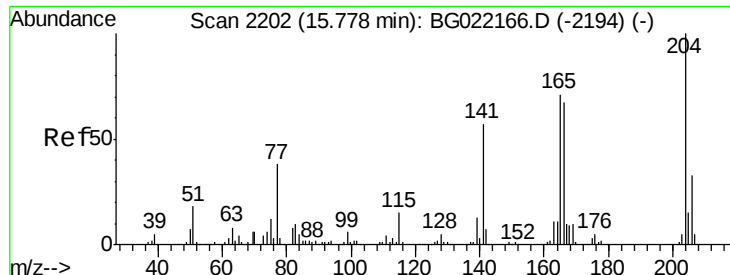
#59
 Diethylphthalate
 Concen: 31.24 ng
 RT: 15.51 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion:	149	Resp:	242150
Ion	Ratio	Lower	Upper
149	100		
177	20.8	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

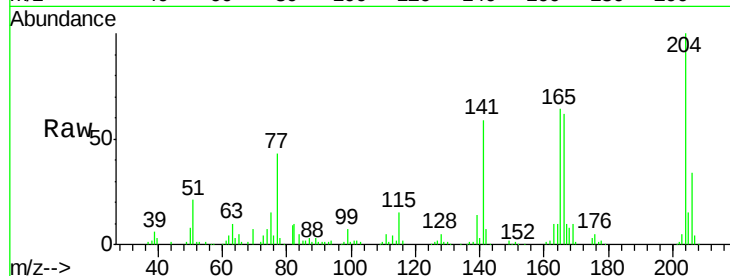




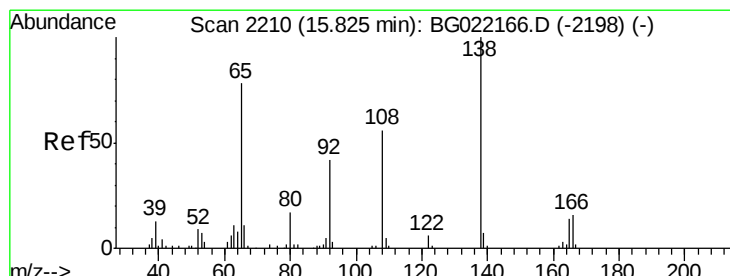
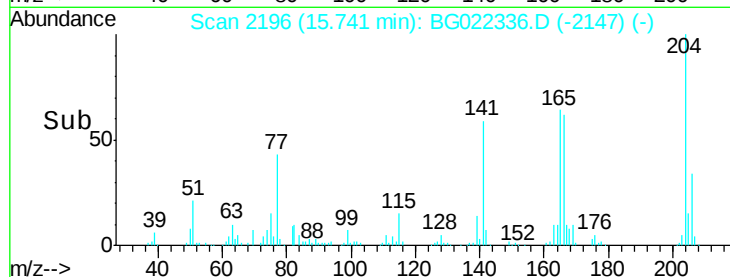
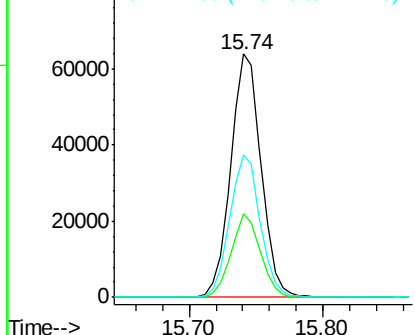
#60
4-Chlorophenyl-phenylether
Concen: 31.28 ng
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Instrument :
BNA_G
ClientSampleId :
PB91324BS

Tgt Ion:204 Resp: 101062
Ion Ratio Lower Upper
204 100
206 34.4 27.8 41.8
141 58.7 51.0 76.4

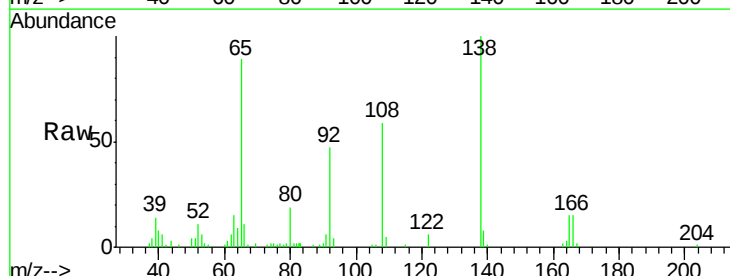


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

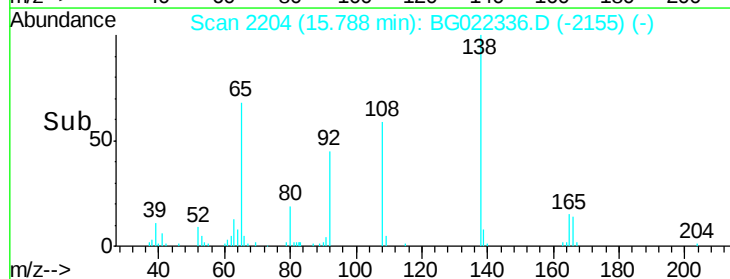
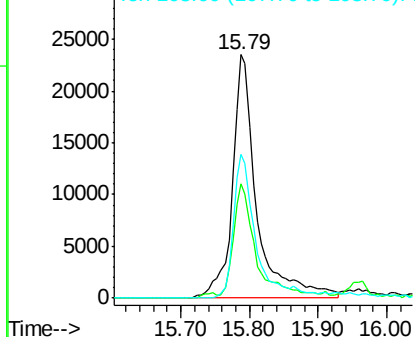


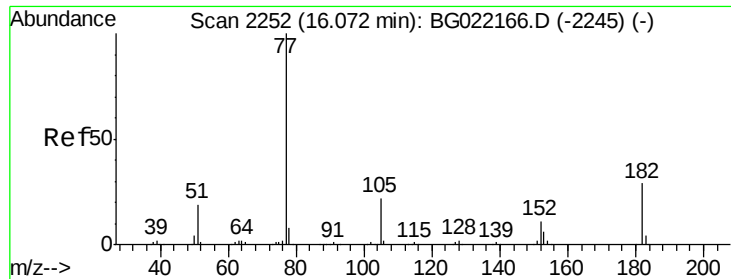
#61
4-Nitroaniline
Concen: 31.14 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:138 Resp: 57781
Ion Ratio Lower Upper
138 100
92 47.0 37.7 77.7
108 59.3 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: 34.49 ng

RT: 16.03 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

Tgt Ion: 77 Resp: 202463

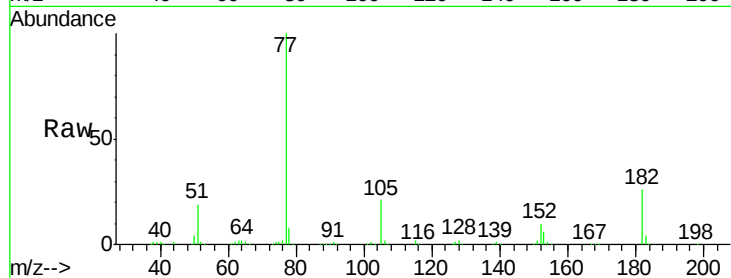
Ion Ratio Lower Upper

77 100

182 26.3 4.1 44.1

105 21.5 0.0 39.8

51 19.3 11.1 51.1

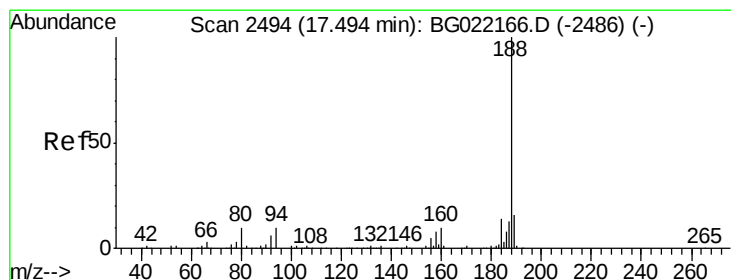
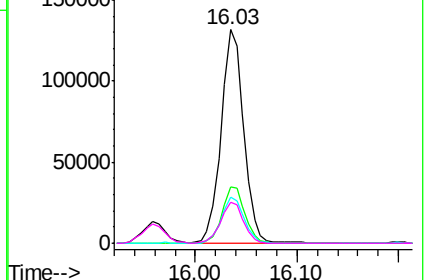
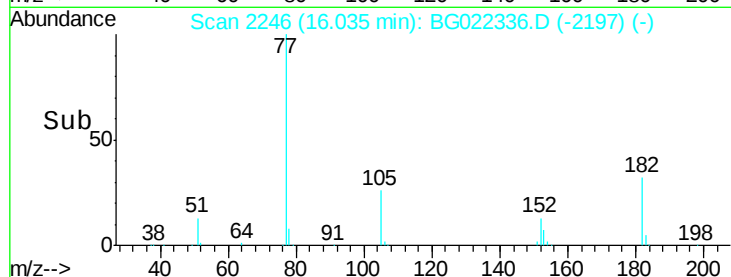


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

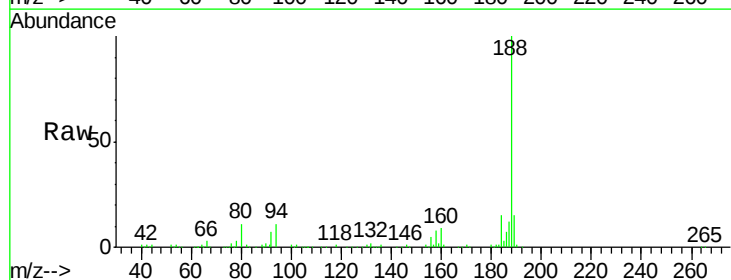
Tgt Ion: 188 Resp: 202943

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

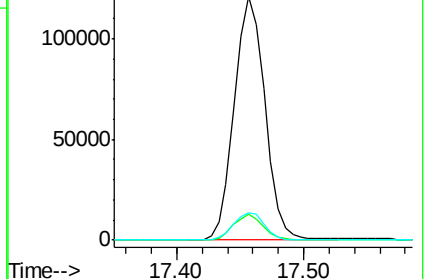
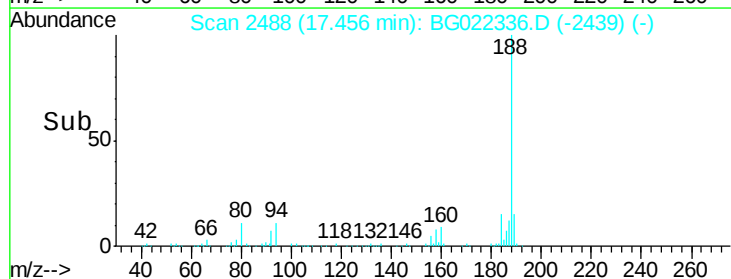
80 11.1 8.6 13.0

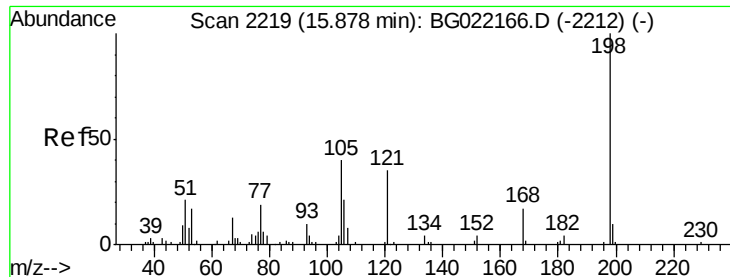


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 30.03 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

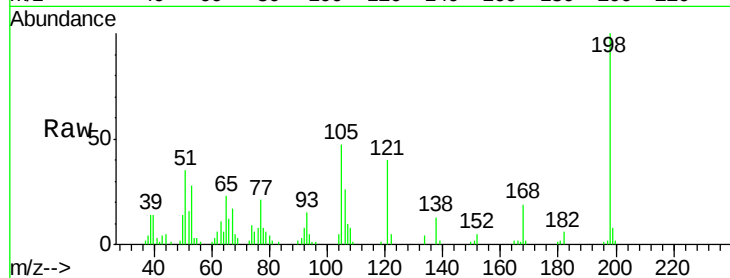
Tgt Ion:198 Resp: 28520

Ion Ratio Lower Upper

198 100

51 35.1 29.2 69.2

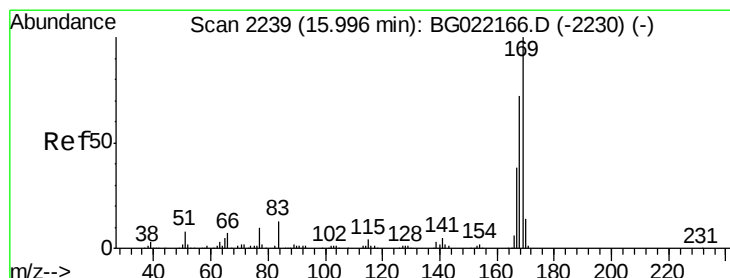
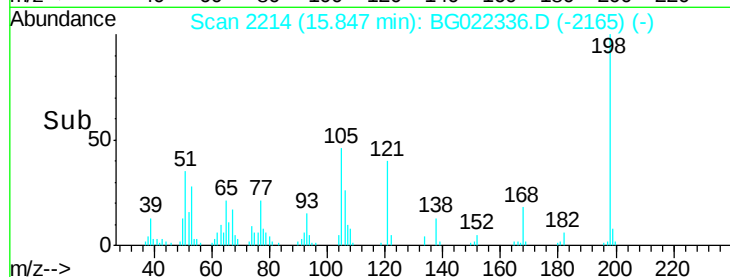
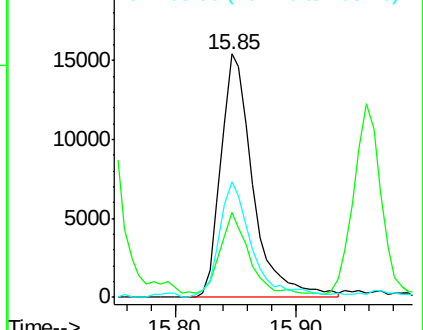
105 47.2 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 32.96 ng

RT: 15.96 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

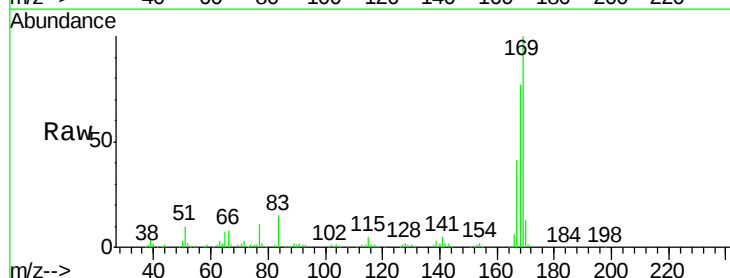
Tgt Ion:169 Resp: 192668

Ion Ratio Lower Upper

169 100

168 76.6 59.6 89.4

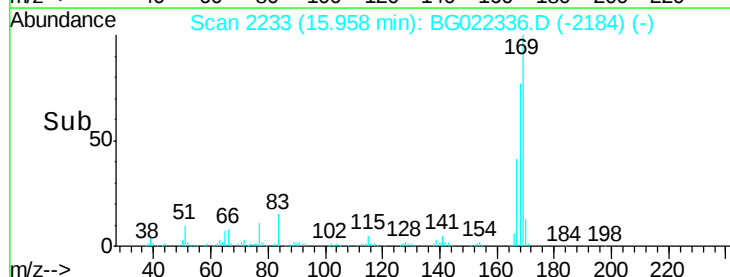
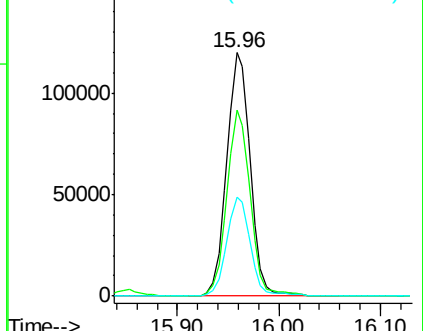
167 40.8 31.2 46.8

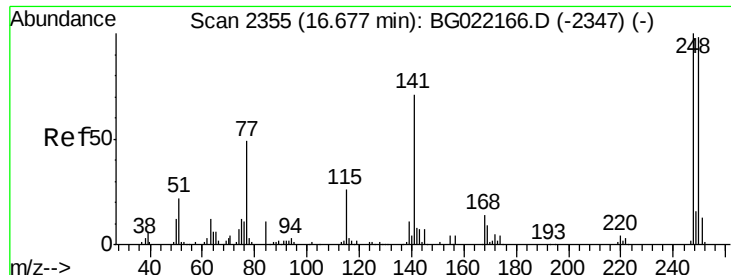


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

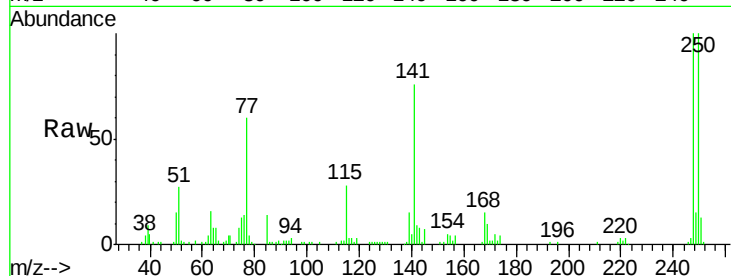




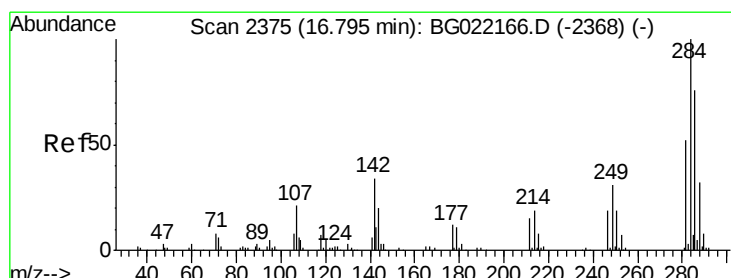
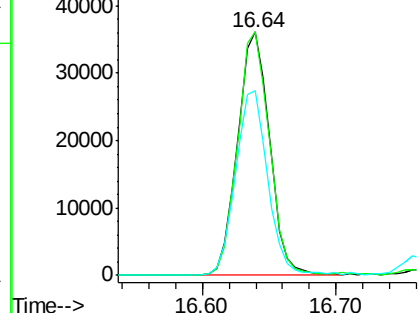
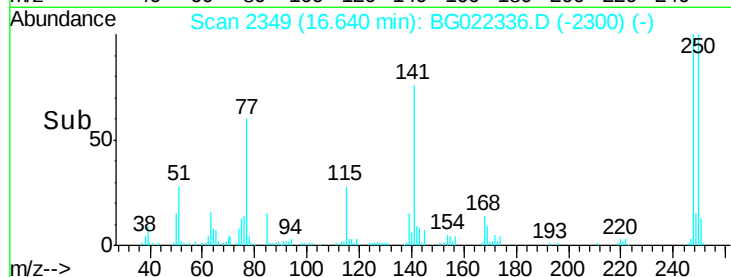
#66
 4-Bromophenyl-phenylether
 Concen: 31.60 ng
 RT: 16.64 min Scan# 2349
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

Tgt Ion:248 Resp: 60085
 Ion Ratio Lower Upper
 248 100
 250 100.1 76.6 114.8
 141 76.2 63.8 95.6

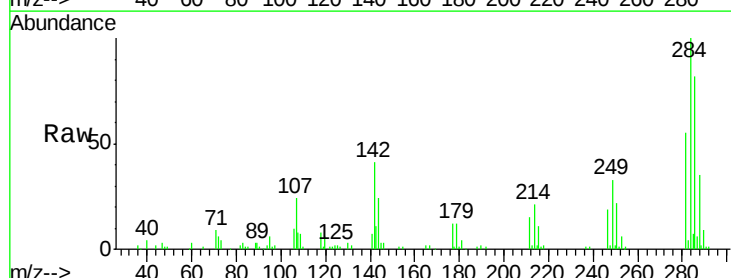


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

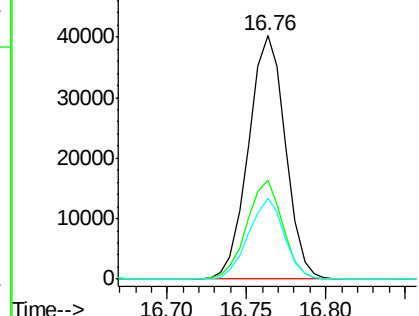
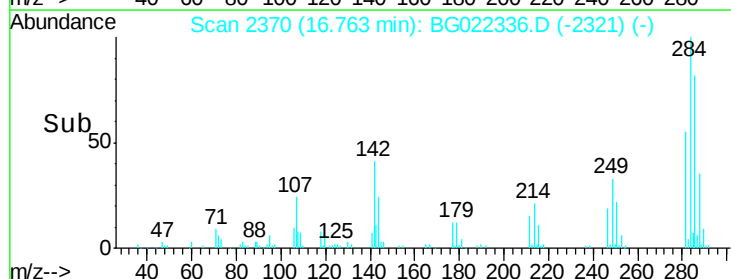


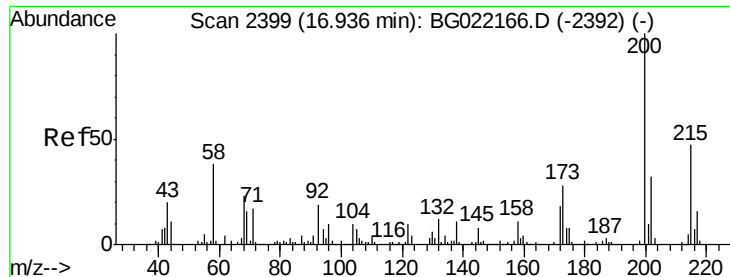
#67
 Hexachlorobenzene
 Concen: 29.34 ng
 RT: 16.76 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion:284 Resp: 65030
 Ion Ratio Lower Upper
 284 100
 142 40.5 31.8 47.6
 249 35.8 27.3 40.9



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





#68

Atrazine

Concen: 31.67 ng

RT: 16.90 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

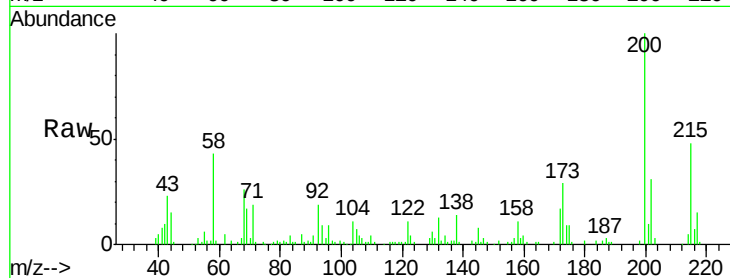
Tgt Ion:200 Resp: 68533

Ion Ratio Lower Upper

200 100

173 28.7 5.1 45.1

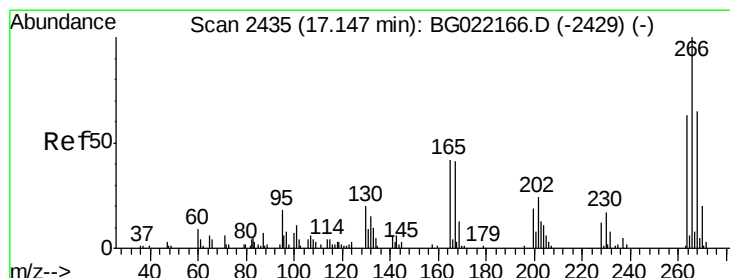
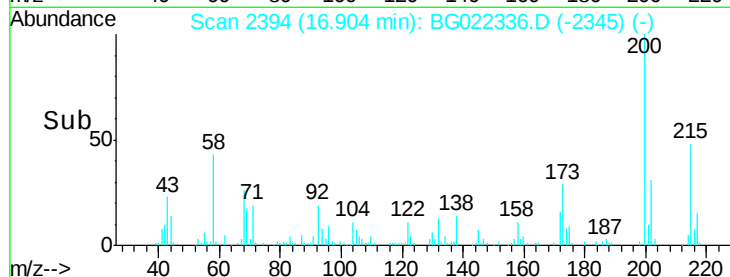
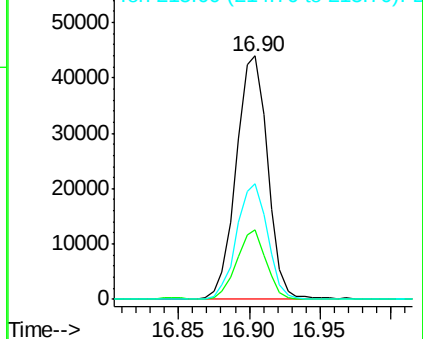
215 47.6 28.0 68.0



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: 48.46 ng

RT: 17.12 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

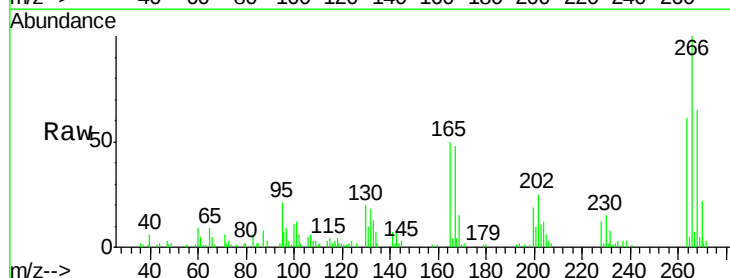
Tgt Ion:266 Resp: 45753

Ion Ratio Lower Upper

266 100

268 70.2 54.5 81.7

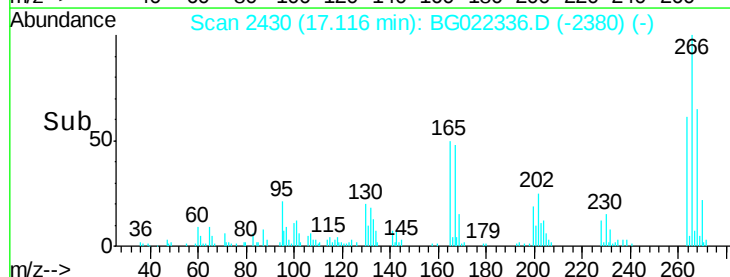
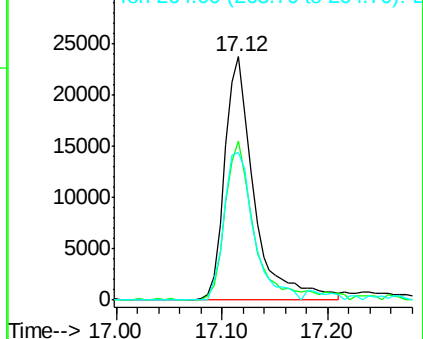
264 66.0 53.8 80.6

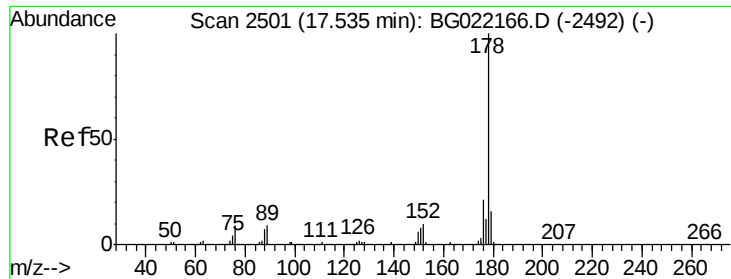


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

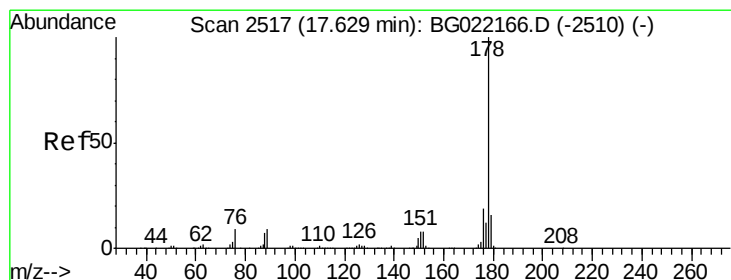
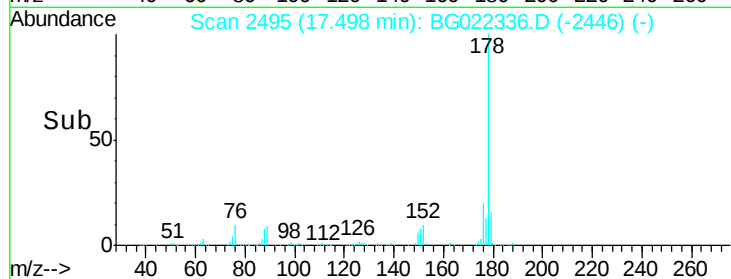
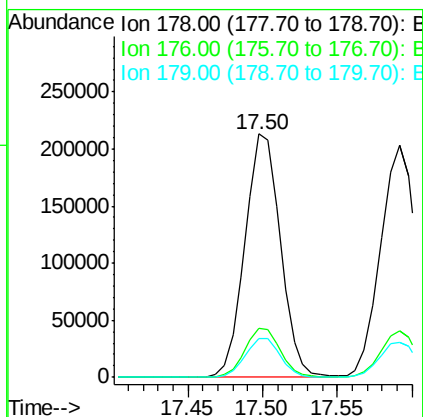
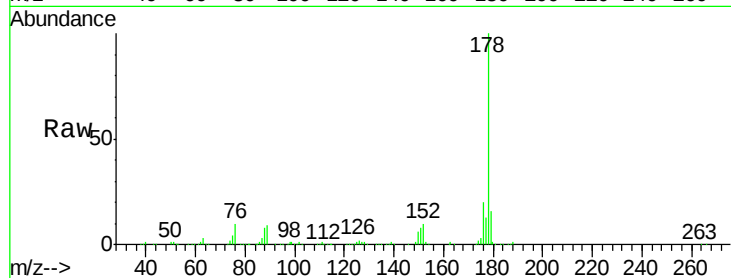




#70
Phenanthrene
Concen: 31.84 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

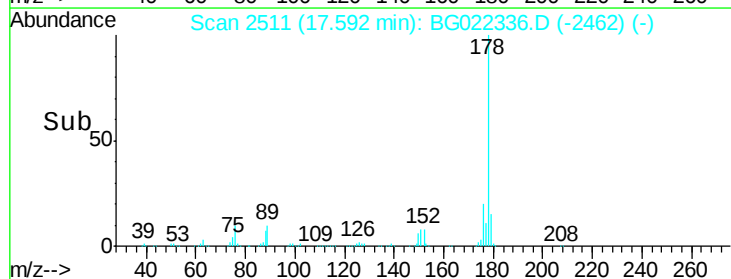
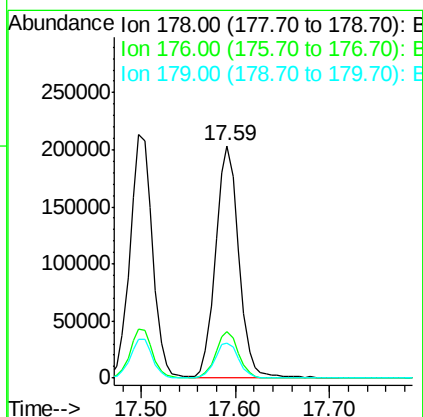
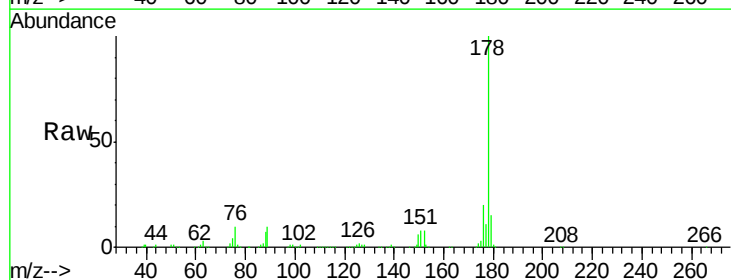
Instrument :
BNA_G
ClientSampleId :
PB91324BS

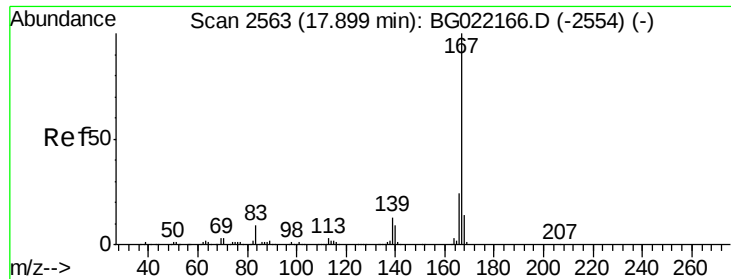
Tgt Ion:178 Resp: 350936
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.9 12.0 18.0



#71
Anthracene
Concen: 31.98 ng
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:178 Resp: 349649
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 15.1 12.2 18.4

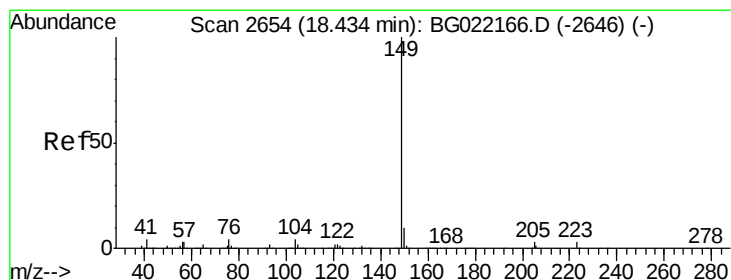
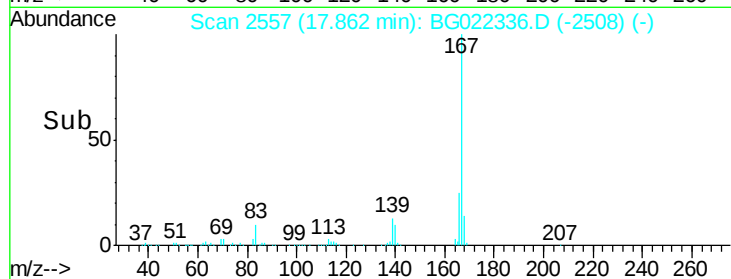
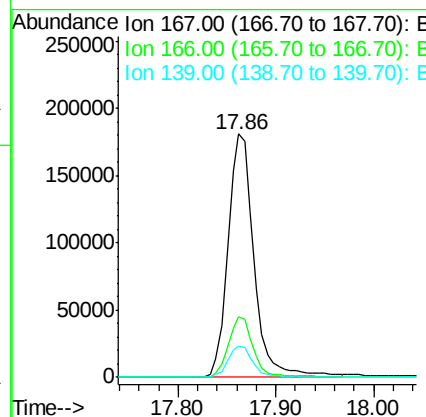
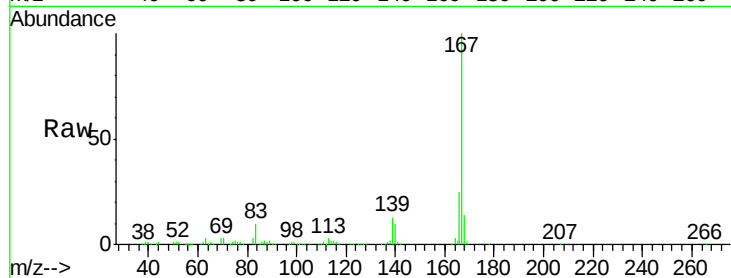




#72
 Carbazole
 Concen: 32.25 ng
 RT: 17.86 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

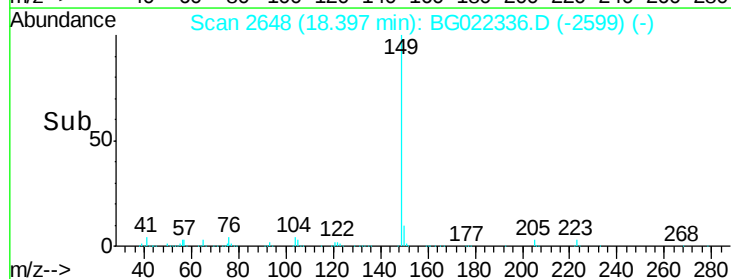
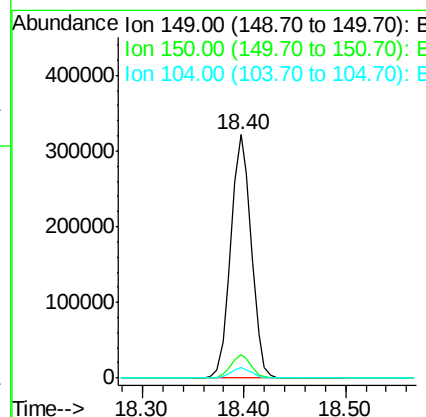
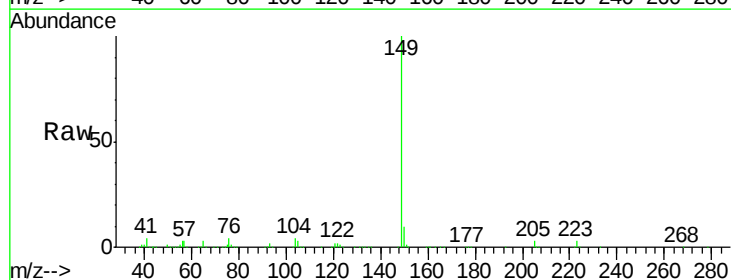
Instrument :
 BNA_G
 ClientSampleId :
 PB91324BS

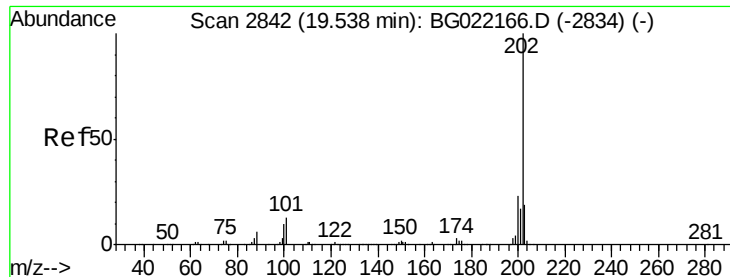
Tgt Ion:167 Resp: 333880
 Ion Ratio Lower Upper
 167 100
 166 25.0 18.6 27.8
 139 13.0 10.6 15.8



#73
 Di-n-butylphthalate
 Concen: 33.32 ng
 RT: 18.40 min Scan# 2648
 Delta R.T. -0.01 min
 Lab File: BG022336.D
 Acq: 14 Jun 2016 15:46

Tgt Ion:149 Resp: 451066
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 4.3 4.0 6.0





#74

Fluoranthene

Concen: 30.65 ng

RT: 19.51 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

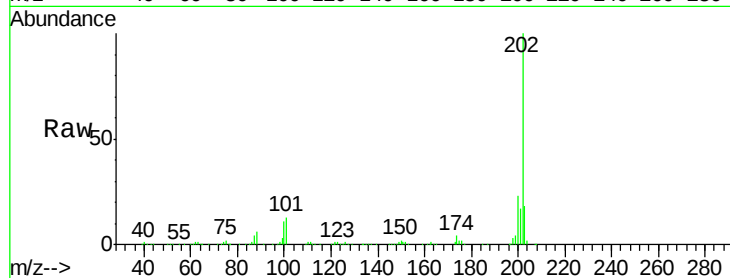
Tgt Ion:202 Resp: 388419

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.0

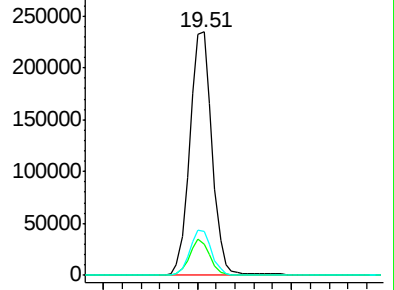
203 18.1 0.0 37.9



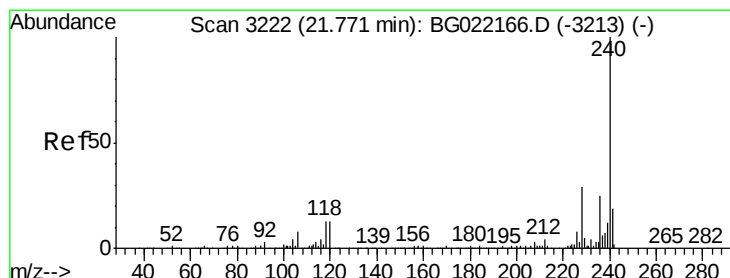
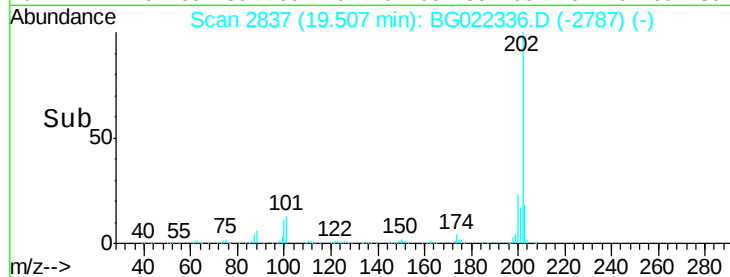
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50 19.60



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

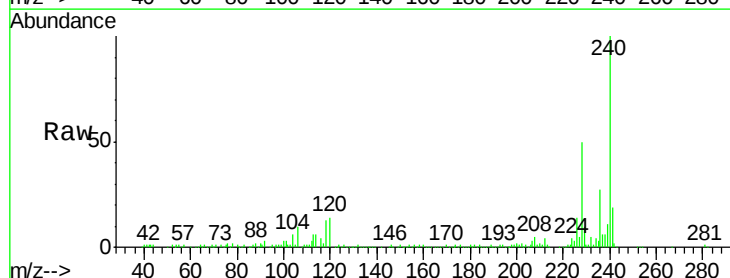
Tgt Ion:240 Resp: 171148

Ion Ratio Lower Upper

240 100

120 14.2 8.4 12.6#

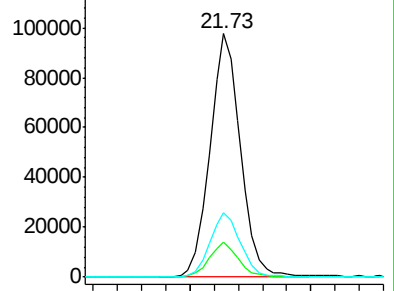
236 26.6 19.6 29.4



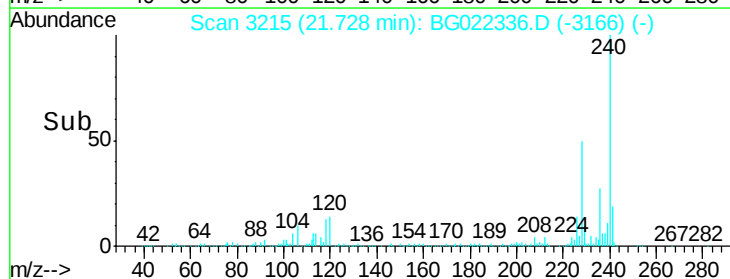
Abundance Ion 240.00 (239.70 to 240.70): E

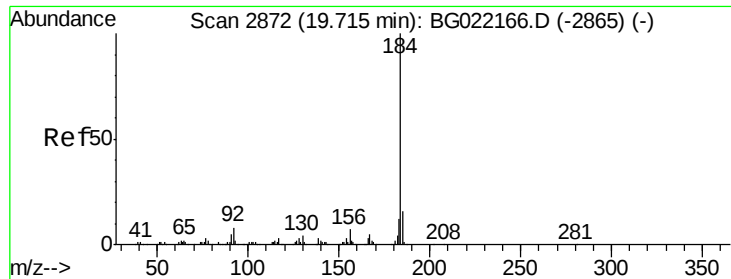
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80





#76

Benzidine

Concen: 25.44 ng

RT: 19.68 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

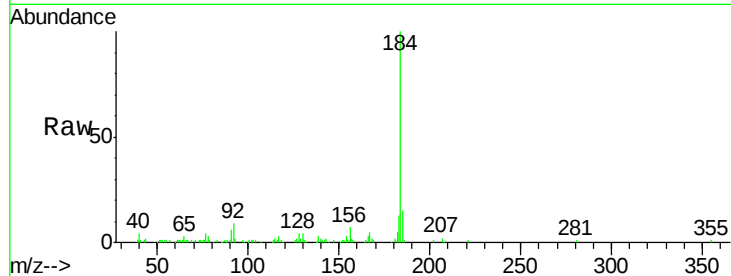
Tgt Ion:184 Resp: 113860

Ion Ratio Lower Upper

184 100

185 15.4 11.5 17.3

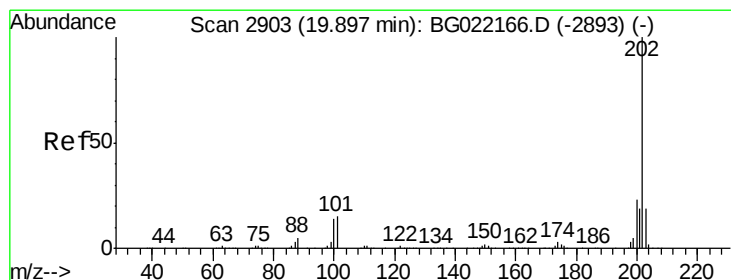
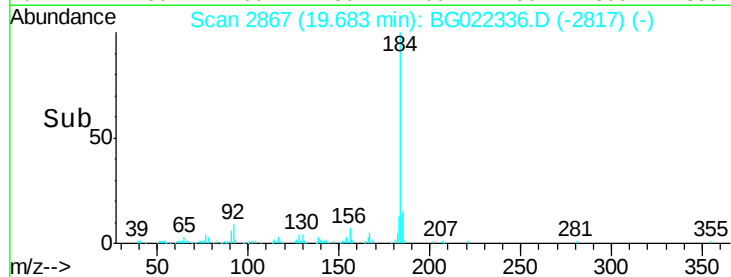
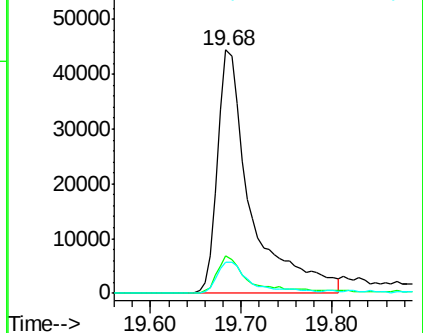
183 12.9 10.2 15.4



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: 36.37 ng

RT: 19.87 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

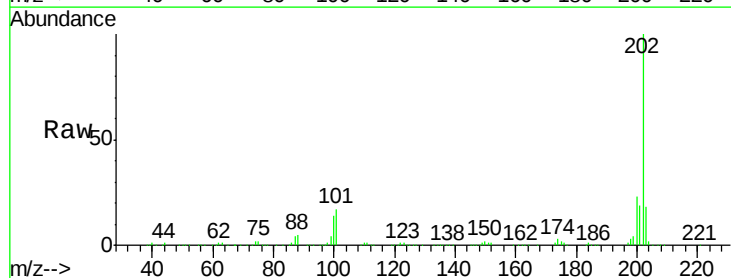
Tgt Ion:202 Resp: 387025

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

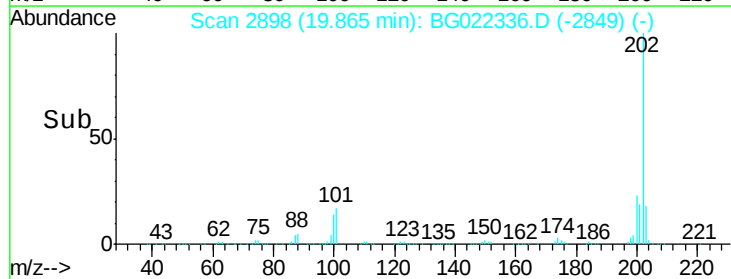
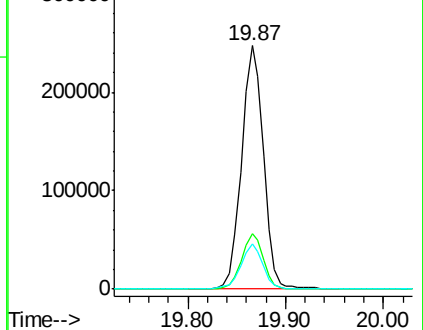
203 18.3 15.0 22.4

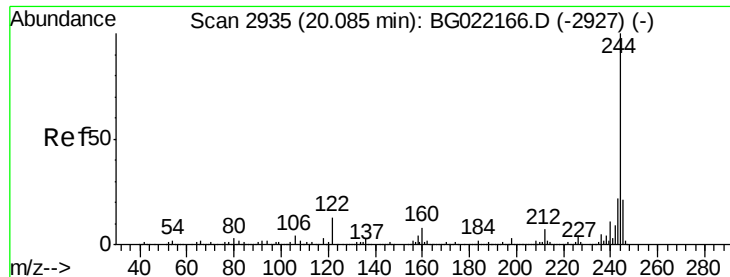


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.66 ng

RT: 20.05 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

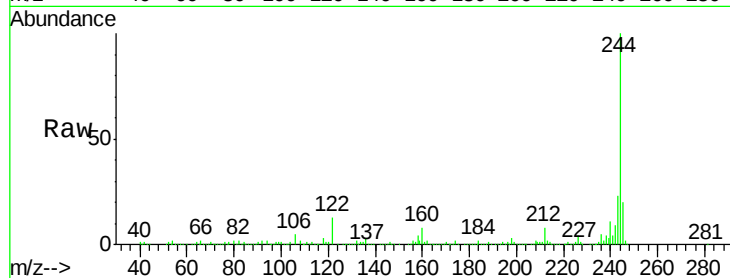
Tgt Ion:244 Resp: 495002

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

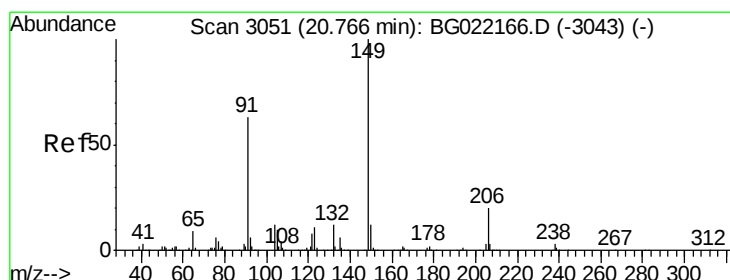
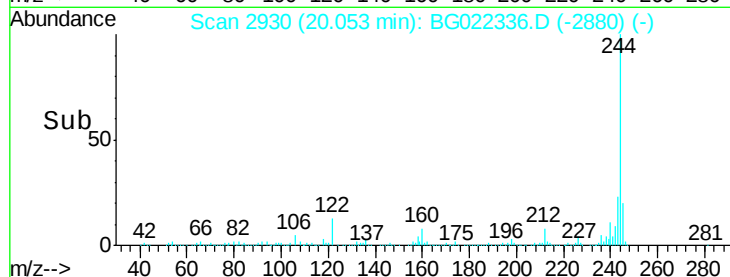
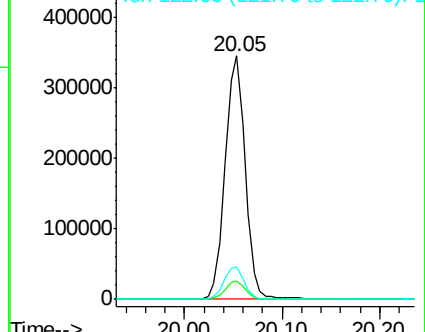
122 13.3 8.6 12.8#



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: 38.47 ng

RT: 20.73 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

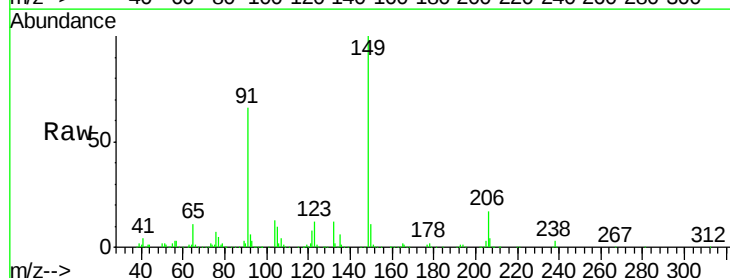
Tgt Ion:149 Resp: 189806

Ion Ratio Lower Upper

149 100

91 66.2 57.8 86.8

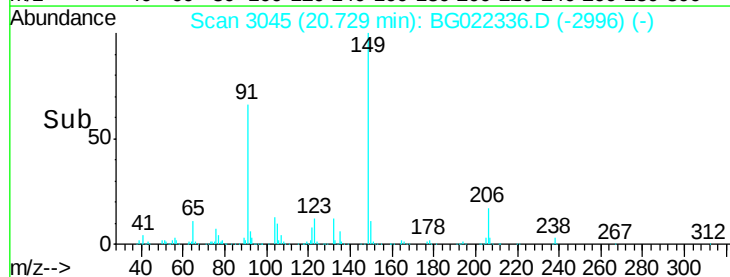
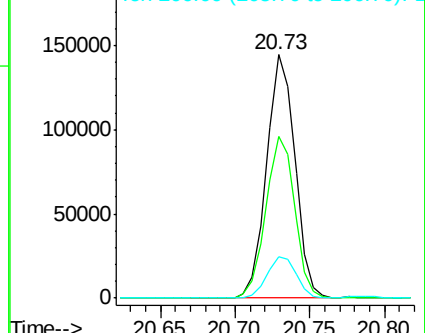
206 16.8 17.0 25.4#

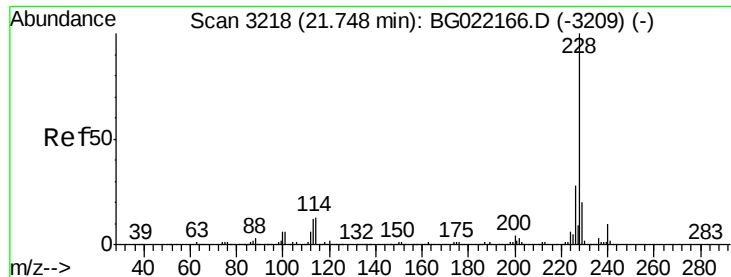


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 33.31 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

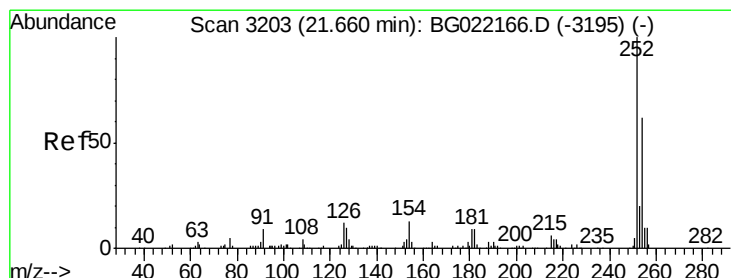
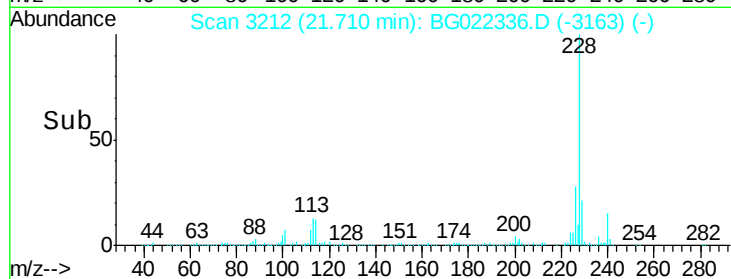
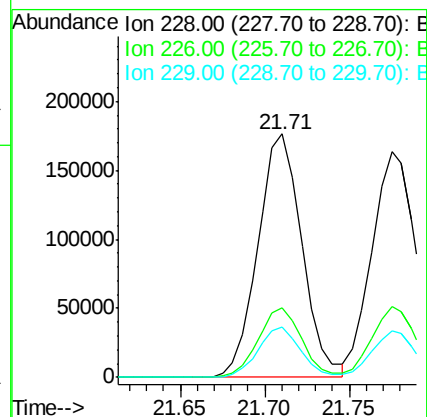
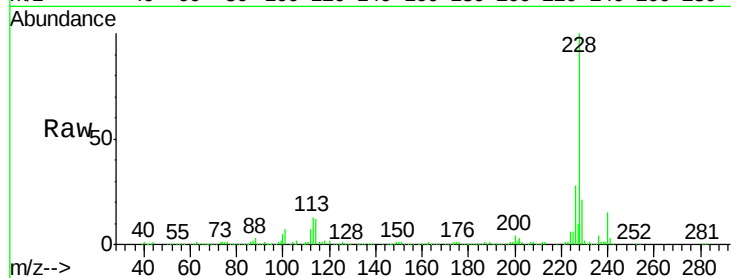
Instrument :

BNA_G

ClientSampleId :

PB91324BS

Tgt Ion:	228	Resp:	319645
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.5	16.1	24.1



#81

3,3'-Dichlorobenzidine

Concen: 21.68 ng

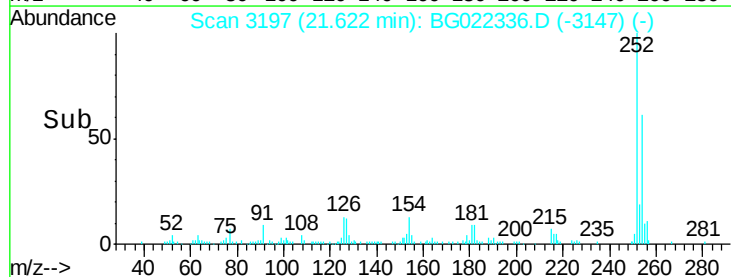
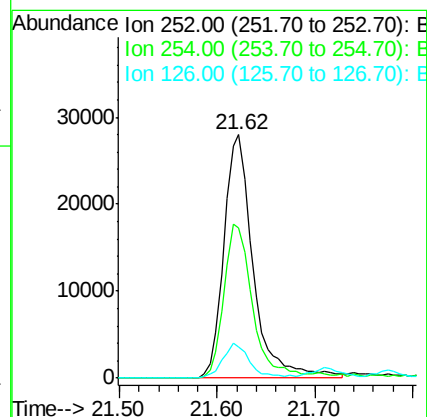
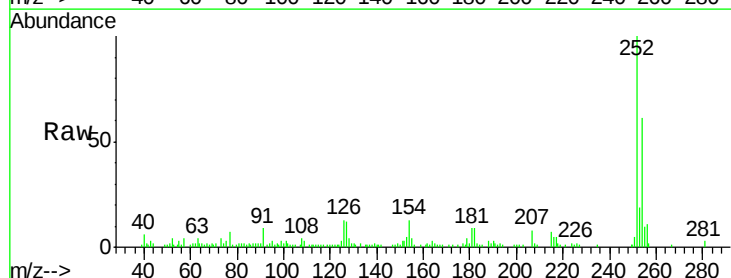
RT: 21.62 min Scan# 3197

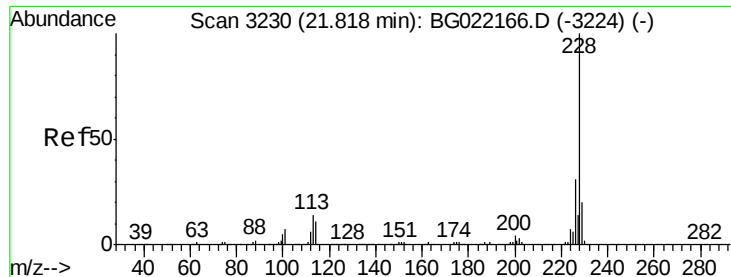
Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Tgt Ion:	252	Resp:	58412
Ion	Ratio	Lower	Upper
252	100		
254	61.5	51.8	77.6
126	12.8	8.8	13.2





#82

Chrysene

Concen: 32.40 ng

RT: 21.77 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

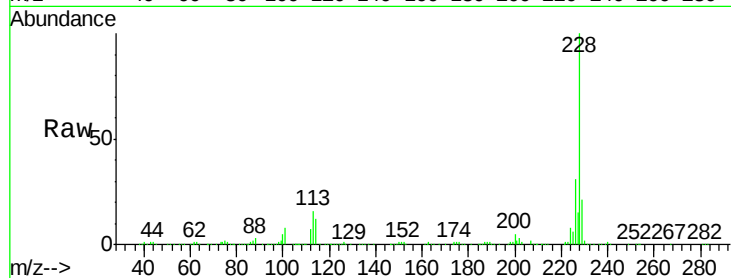
Tgt Ion:228 Resp: 302542

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

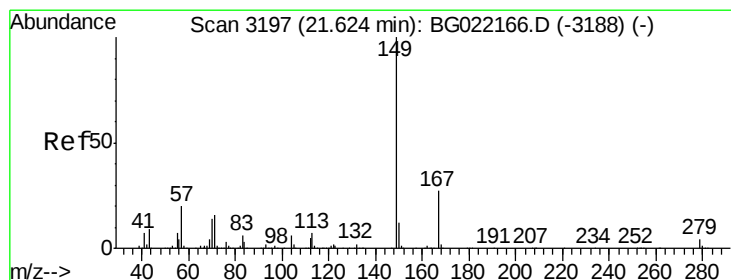
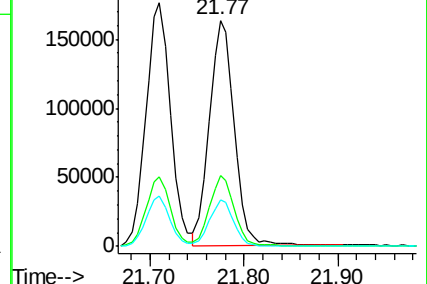
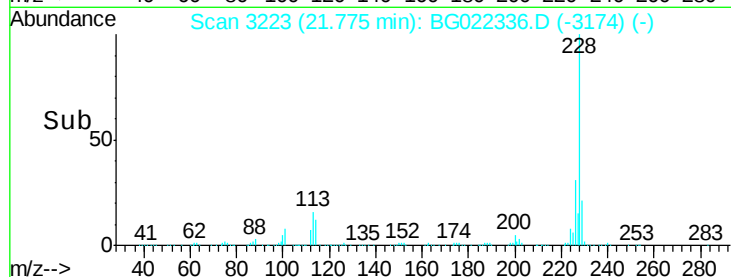
229 20.7 15.9 23.9



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: 36.65 ng

RT: 21.58 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

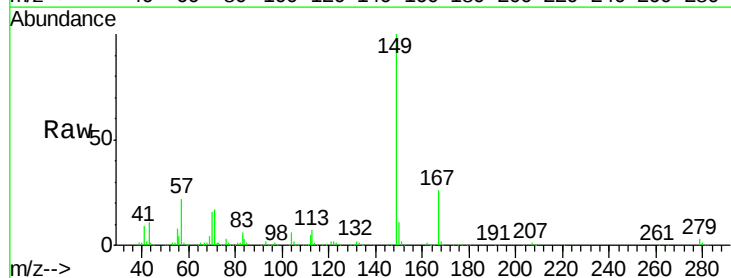
Tgt Ion:149 Resp: 265942

Ion Ratio Lower Upper

149 100

167 25.7 22.4 33.6

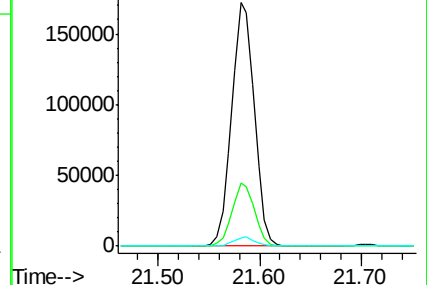
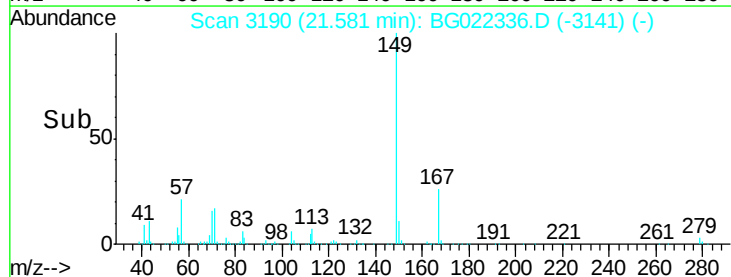
279 3.2 3.2 4.8

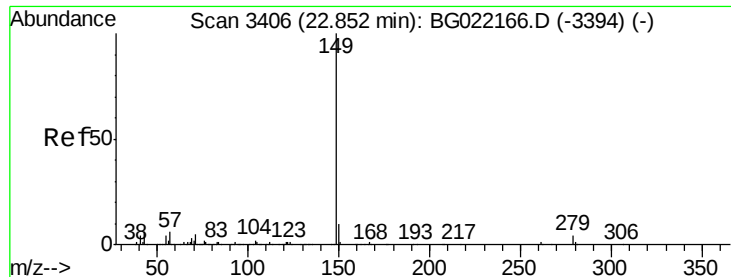


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

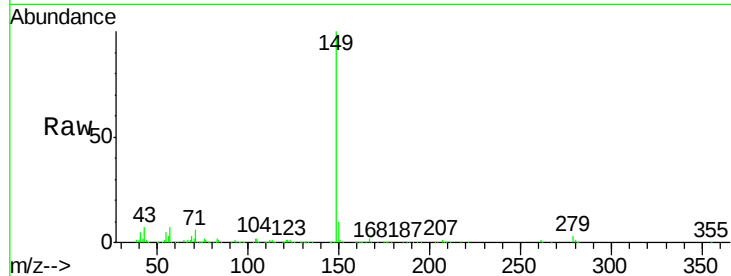




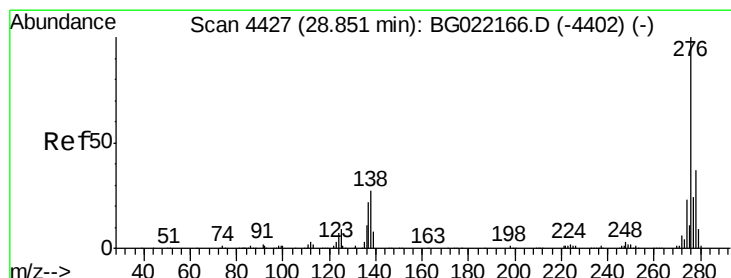
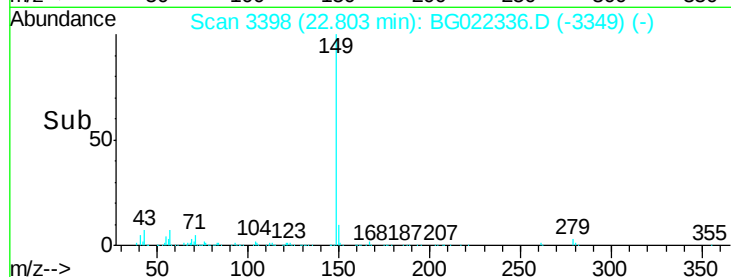
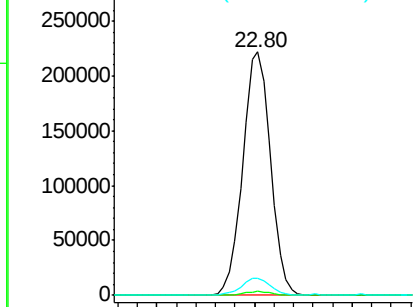
#84
Di-n-octyl phthalate
Concen: 36.57 ng
RT: 22.80 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Instrument :
BNA_G
ClientSampleId :
PB91324BS

Tgt Ion:149 Resp: 440654
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.8 9.8 14.6#

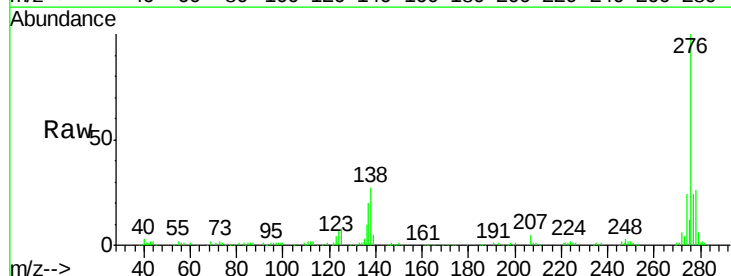


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

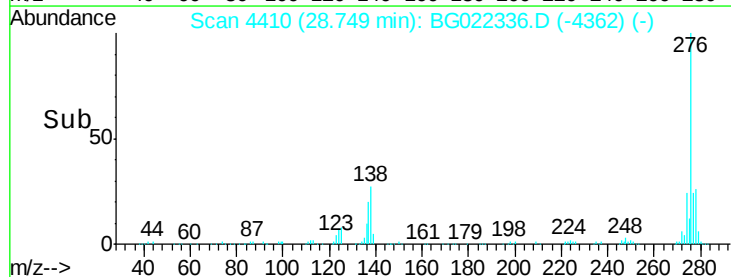
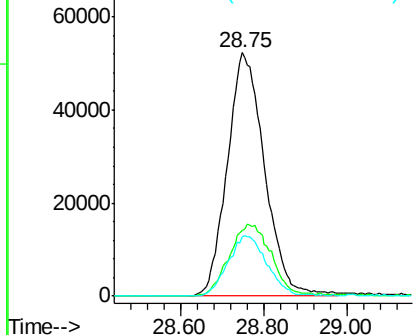


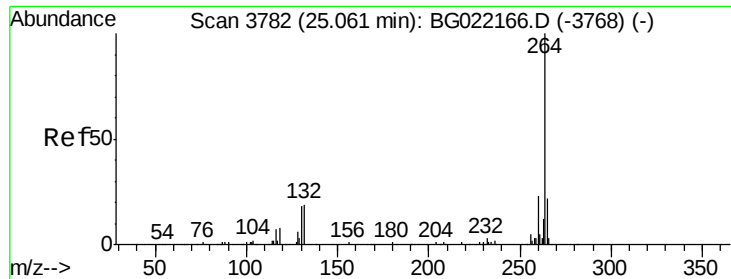
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.10 ng
RT: 28.75 min Scan# 4410
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:276 Resp: 325811
Ion Ratio Lower Upper
276 100
138 32.7 14.0 21.0#
277 25.6 20.6 30.8



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

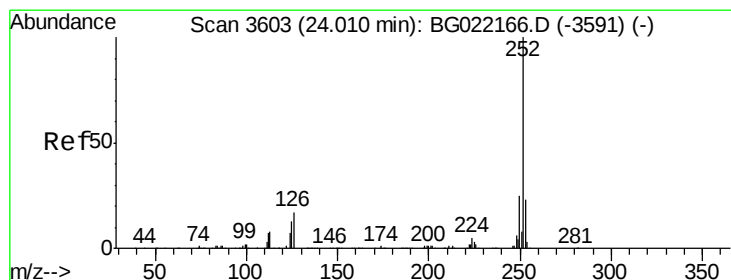
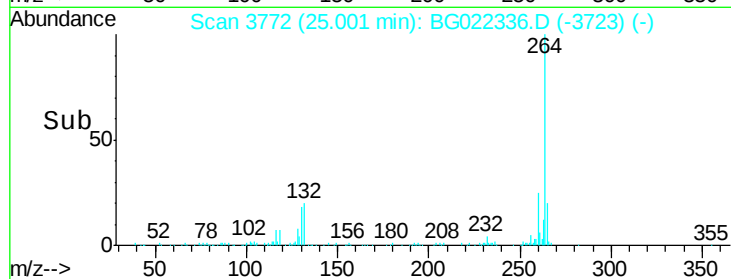
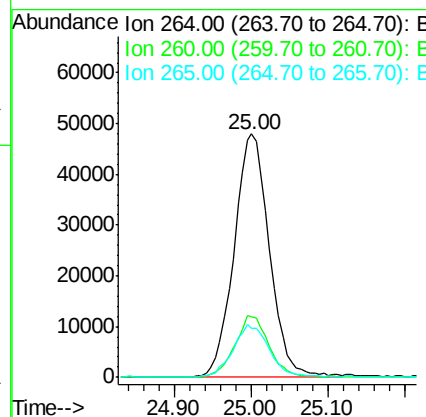
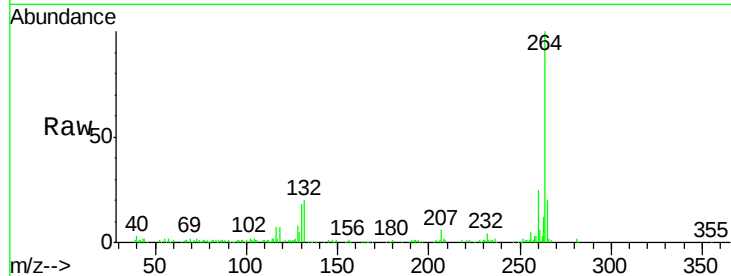




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.00 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

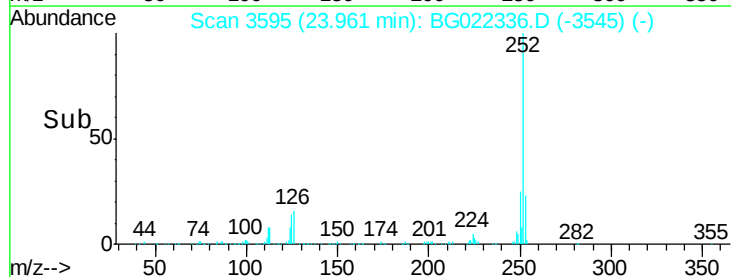
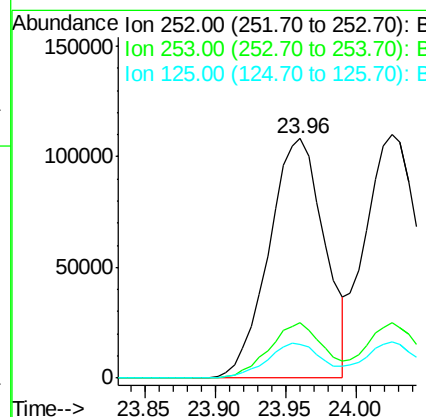
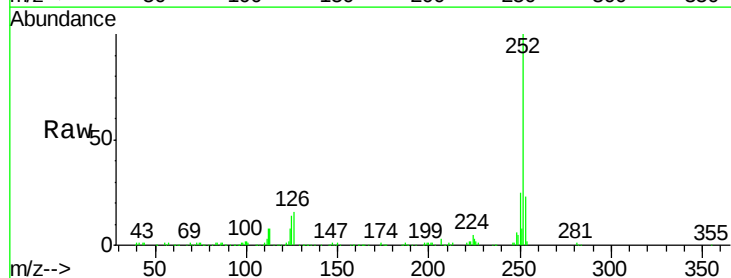
Instrument :
BNA_G
ClientSampleId :
PB91324BS

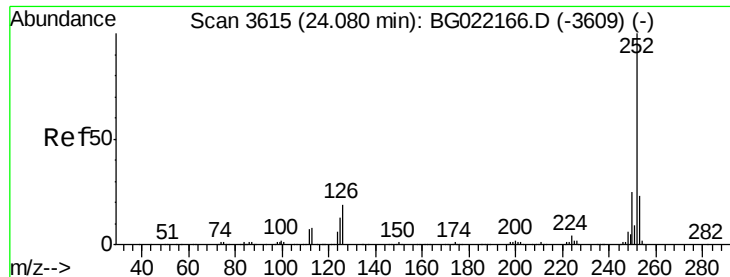
Tgt Ion:264 Resp: 153971
Ion Ratio Lower Upper
264 100
260 24.8 20.2 30.4
265 20.2 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 33.18 ng
RT: 23.96 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:252 Resp: 297957
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 14.0 8.6 13.0#

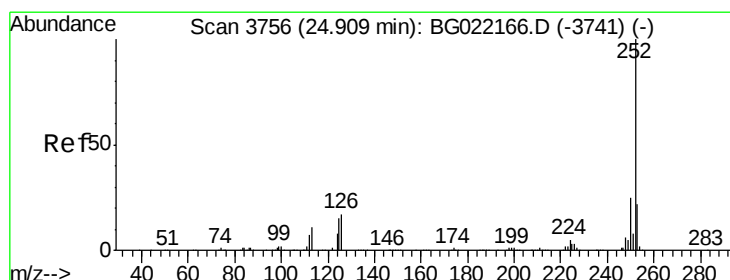
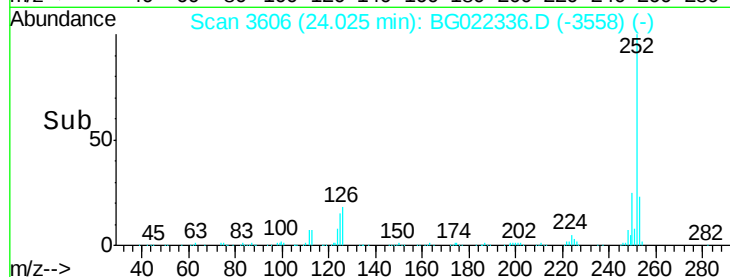
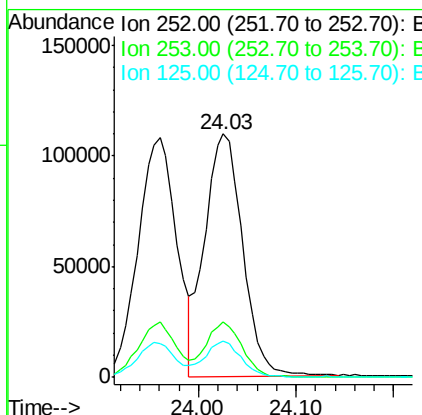
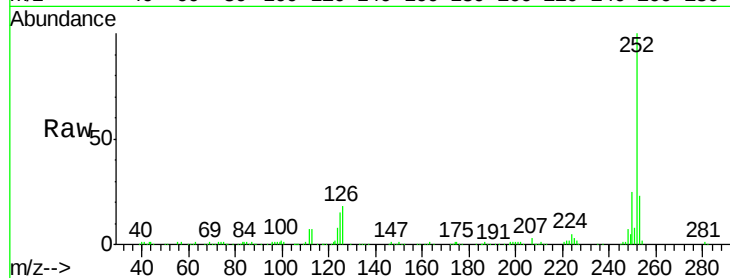




#88
Benzo(k)fluoranthene
Concen: 33.19 ng
RT: 24.03 min Scan# 3606
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

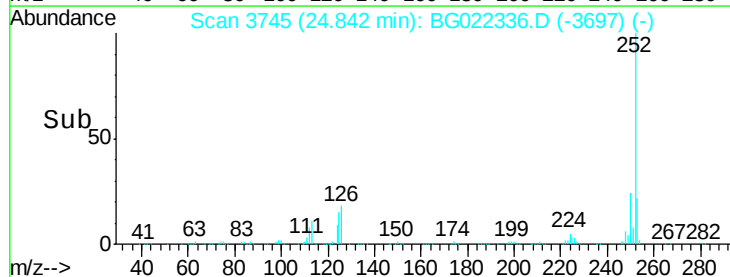
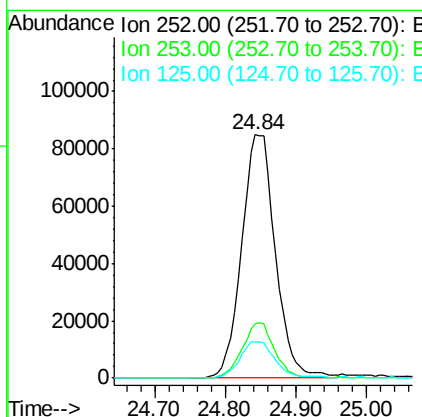
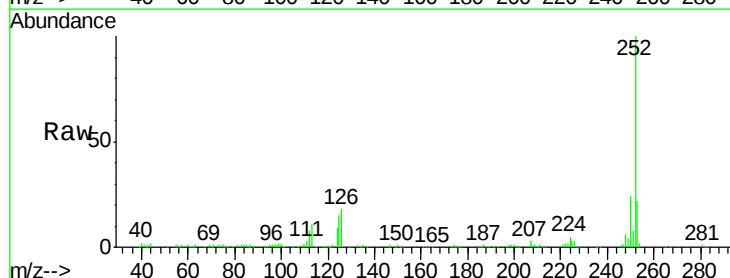
Instrument :
BNA_G
ClientSampled :
PB91324BS

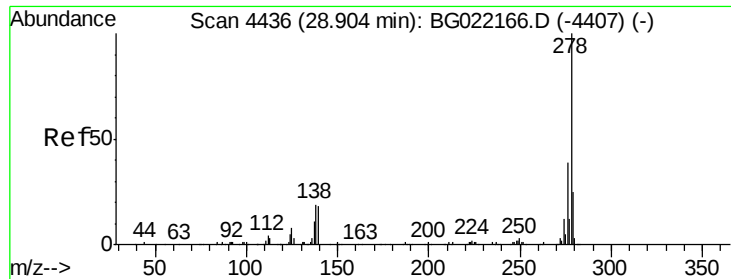
Tgt Ion:252 Resp: 293441
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 15.1 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 32.95 ng
RT: 24.84 min Scan# 3745
Delta R.T. -0.02 min
Lab File: BG022336.D
Acq: 14 Jun 2016 15:46

Tgt Ion:252 Resp: 282889
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 14.9 9.6 14.4#





#90

Dibenzo(a,h)anthracene

Concen: 33.29 ng

RT: 28.80 min Scan# 4419

Delta R.T. -0.02 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

Instrument :

BNA_G

ClientSampleId :

PB91324BS

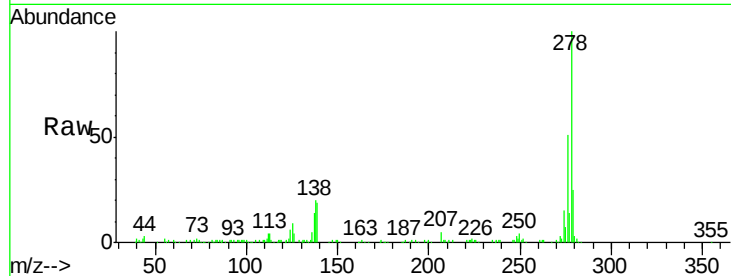
Tgt Ion:278 Resp: 269205

Ion Ratio Lower Upper

278 100

139 19.4 11.9 17.9#

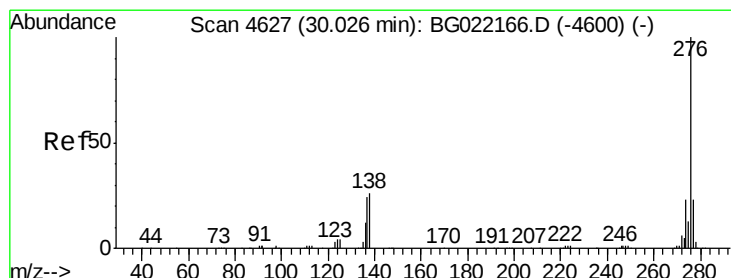
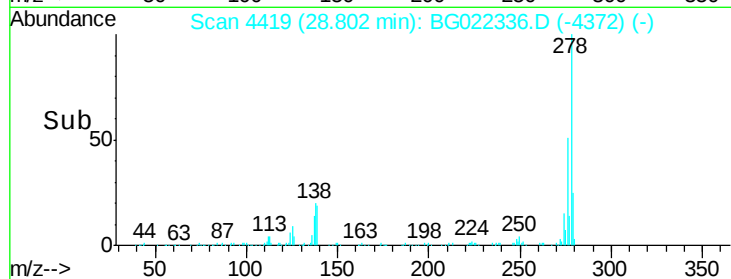
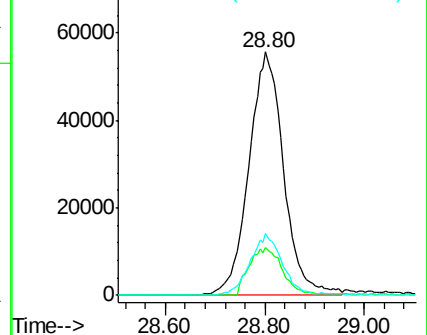
279 25.4 18.2 27.2



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: 32.27 ng

RT: 29.93 min Scan# 4611

Delta R.T. -0.01 min

Lab File: BG022336.D

Acq: 14 Jun 2016 15:46

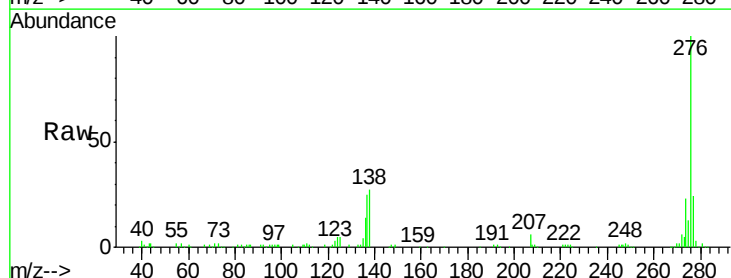
Tgt Ion:276 Resp: 271542

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.2

138 26.8 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

