

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022343.D
 Acq On : 14 Jun 2016 20:25
 Operator : UM/SJ
 Sample : PB91291BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Quant Time: Jun 15 11:05:01 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	21965	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	118290	20.00	ng	-0.02
38) Acenaphthene-d10	14.71	164	75791	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	187781	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	164565	20.00	ng	-0.01
86) Perylene-d12	25.00	264	153011	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	161405	142.08	ng	-0.02
7) Phenol-d6	7.23	99	250025	139.98	ng	-0.02
23) Nitrobenzene-d5	9.24	82	127748	75.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	93814	109.54	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	348406	70.05	ng	-0.01
78) Terphenyl-d14	20.05	244	530855	76.58	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	14915	27.38	ng	# 71
3) Pyridine	3.86	79	47554	32.30	ng	98
4) n-Nitrosodimethylamine	3.77	42	13562	41.20	ng	81
6) Aniline	7.39	93	48979	21.58	ng	# 84
8) 2-Chlorophenol	7.63	128	68376	43.55	ng	82
9) Benzaldehyde	7.22	77	2528m	2.57	ng	
10) Phenol	7.26	94	86183	46.80	ng	83
11) bis(2-Chloroethyl)ether	7.49	93	57474	39.14	ng	# 74
12) 1,3-Dichlorobenzene	7.96	146	59108	35.12	ng	# 94
13) 1,4-Dichlorobenzene	8.11	146	61550	36.70	ng	96
14) 1,2-Dichlorobenzene	8.43	146	59423	35.15	ng	96
15) Benzyl Alcohol	8.32	79	48358	41.90	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.60	45	61234	40.20	ng	85
17) 2-Methylphenol	8.53	107	60815	44.25	ng	# 84
18) Hexachloroethane	9.16	117	22648	36.99	ng	# 84
19) n-Nitroso-di-n-propylamine	8.87	70	47061	38.92	ng	# 72
20) 3+4-Methylphenols	8.85	107	85254	43.25	ng	97
22) Acetophenone	8.90	105	91068	35.73	ng	# 85
24) Nitrobenzene	9.29	77	65622	38.46	ng	# 86
25) Isophorone	9.81	82	140877	35.49	ng	94
26) 2-Nitrophenol	10.01	139	36902	39.88	ng	# 79
27) 2,4-Dimethylphenol	10.06	122	73252	43.74	ng	86
28) bis(2-Chloroethoxy)methane	10.29	93	84249	37.05	ng	94
29) 2,4-Dichlorophenol	10.55	162	67300	43.38	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	59950	34.58	ng	97
31) Naphthalene	10.94	128	208407	35.30	ng	# 96
32) Benzoic acid	10.20	122	22359	41.72	ng	# 89
33) 4-Chloroaniline	11.06	127	32352	13.18	ng	# 87
34) Hexachlorobutadiene	11.21	225	29438	31.63	ng	97
35) Caprolactam	11.83	113	31792m	37.36	ng	
36) 4-Chloro-3-methylphenol	12.18	107	81569	44.36	ng	85
37) 2-Methylnaphthalene	12.55	142	154665	35.48	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	65721	33.69	ng	99
40) Hexachlorocyclopentadiene	12.88	237	37985	40.88	ng	94

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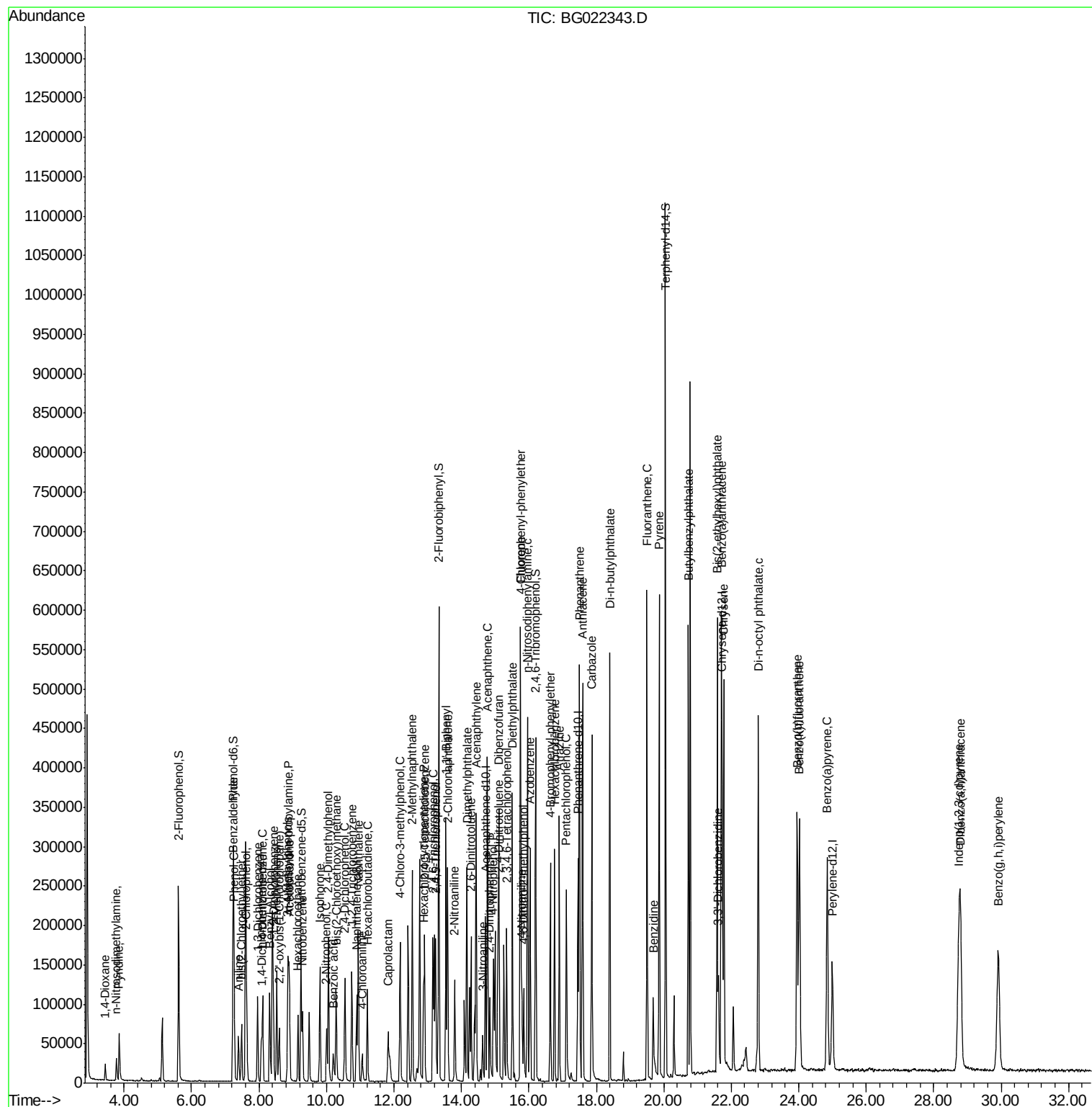
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	52286	39.95	nq	98
43) 2,4,5-Trichlorophenol	13.23	196	56853	39.32	nq	95
45) 1,1'-Biphenyl	13.54	154	206729	36.24	nq	95
46) 2-Chloronaphthalene	13.59	162	159984	36.59	nq	96
47) 2-Nitroaniline	13.80	65	44662	42.84	nq	# 57
48) Acenaphthylene	14.44	152	284673	37.11	nq	97
49) Dimethylphthalate	14.16	163	226140	35.99	nq	99
50) 2,6-Dinitrotoluene	14.29	165	52105	38.14	nq	# 80
51) Acenaphthene	14.77	154	167153	36.37	nq	96
52) 3-Nitroaniline	14.63	138	26122	17.24	nq	# 84
53) 2,4-Dinitrophenol	14.84	184	37666	69.22	nq	# 76
54) Dibenzofuran	15.11	168	264928	36.94	nq	99
55) 4-Nitrophenol	14.95	139	76242	72.91	nq	# 79
56) 2,4-Dinitrotoluene	15.08	165	73176	39.93	nq	# 84
57) Fluorene	15.75	166	226950	36.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	47820	36.87	nq	94
59) Diethylphthalate	15.51	149	244314	36.40	nq	98
60) 4-Chlorophenyl-phenylether	15.74	204	99390	35.52	nq	97
61) 4-Nitroaniline	15.79	138	56141	34.93	nq	# 78
62) Azobenzene	16.04	77	207764	40.87	nq	88
64) 4,6-Dinitro-2-methylphenol	15.85	198	35588	38.59	nq	84
65) n-Nitrosodiphenylamine	15.96	169	199768	36.93	nq	99
66) 4-Bromophenyl-phenylether	16.63	248	61134	34.74	nq	97
67) Hexachlorobenzene	16.76	284	66409	32.38	nq	98
68) Atrazine	16.90	200	70526	35.22	nq	98
69) Pentachlorophenol	17.11	266	55468	61.39	nq	97
70) Phenanthrene	17.50	178	363548	35.65	nq	100
71) Anthracene	17.59	178	361994	35.79	nq	98
72) Carbazole	17.86	167	345852	36.10	nq	97
73) Di-n-butylphthalate	18.40	149	464456	37.08	nq	99
74) Fluoranthene	19.50	202	412876	35.21	nq	97
76) Benzidine	19.68	184	115889	26.93	nq	99
77) Pyrene	19.87	202	410555	40.13	nq	99
79) Butylbenzylphthalate	20.73	149	203660	42.92	nq	93
80) Benzo(a)anthracene	21.71	228	345265	37.42	nq	99
81) 3,3'-Dichlorobenzidine	21.62	252	55376	21.38	nq	# 98
82) Chrysene	21.78	228	331160	36.88	nq	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	286161	41.01	nq	97
84) Di-n-octyl phthalate	22.80	149	476306	41.11	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.74	276	352342	34.98	nq	# 85
87) Benzo(b)fluoranthene	23.96	252	333367	37.36	nq	# 97
88) Benzo(k)fluoranthene	24.03	252	307859	35.04	nq	# 96
89) Benzo(a)pyrene	24.84	252	314043	36.80	nq	# 95
90) Dibenzo(a,h)anthracene	28.80	278	289106	35.98	nq	# 93
91) Benzo(g,h,i)perylene	29.91	276	294116	35.18	nq	# 93

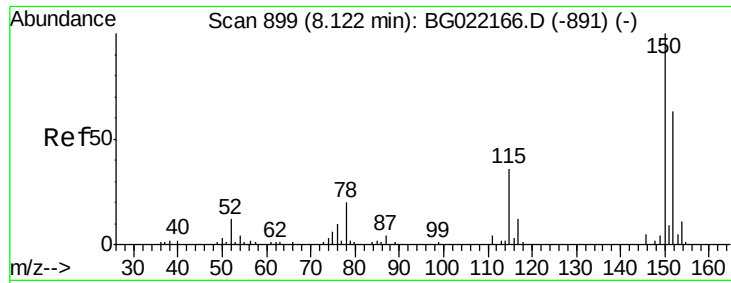
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

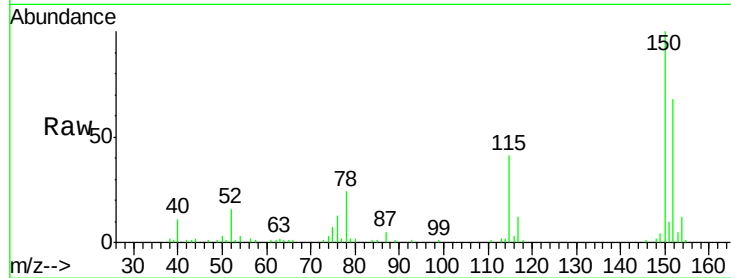
Tot Ion:152 Resp: 21965

Ion Ratio Lower Upper

152 100

150 147.4 130.1 195.1

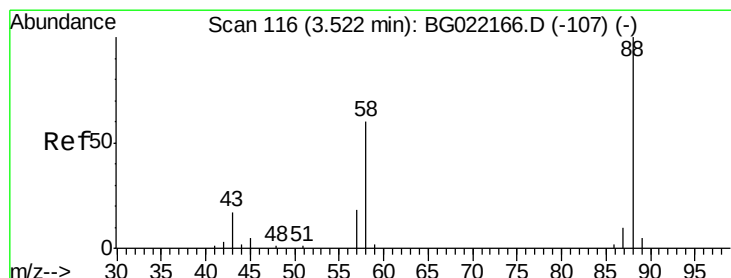
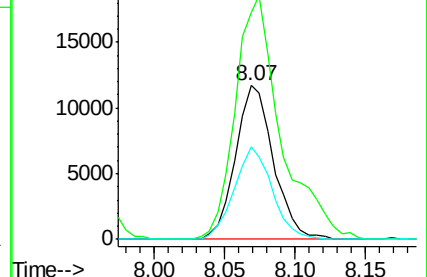
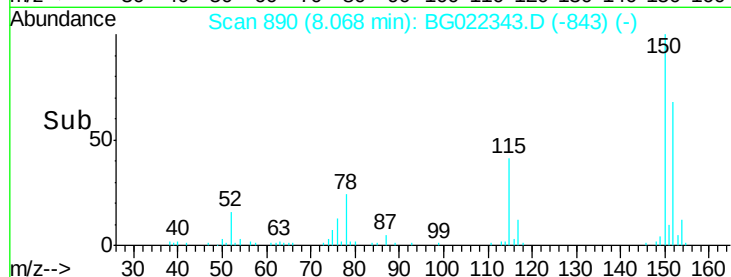
115 60.6 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.38 ng

RT: 3.44 min Scan# 103

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

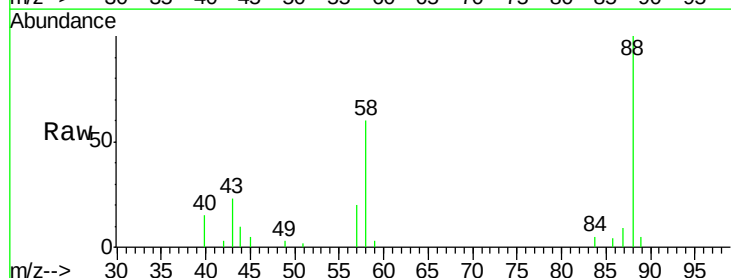
Tgt Ion: 88 Resp: 14915

Ion Ratio Lower Upper

88 100

58 66.3 36.8 55.2#

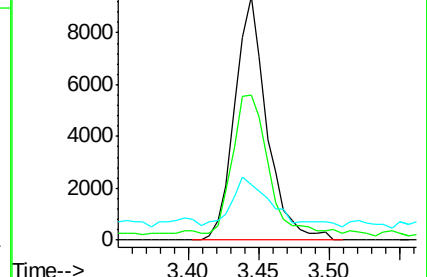
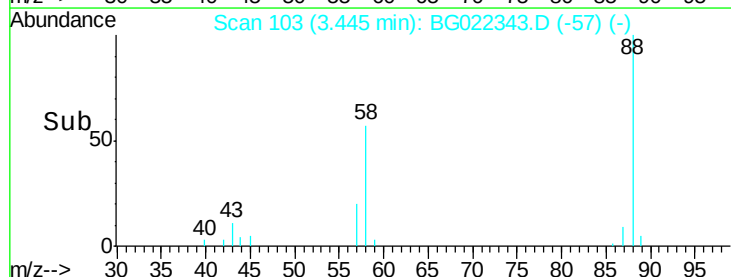
43 22.7 10.4 15.6#

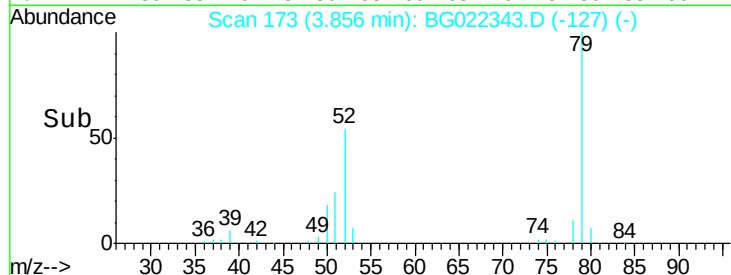
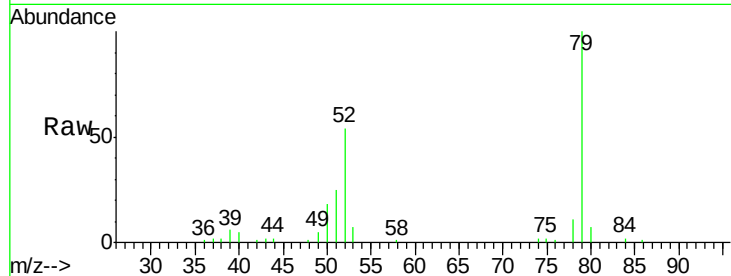
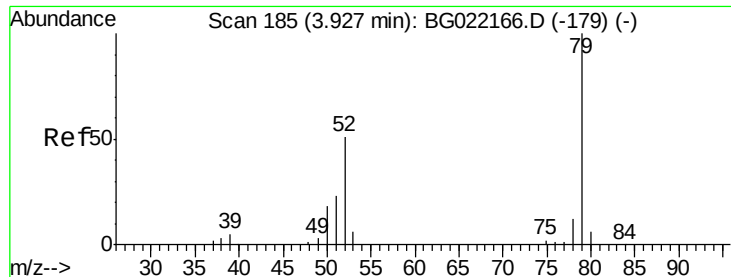


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.30 ng

RT: 3.86 min Scan# 173

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

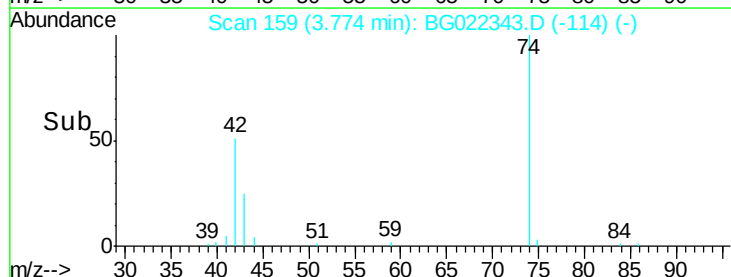
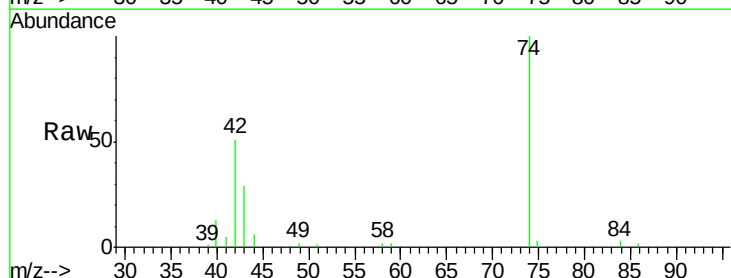
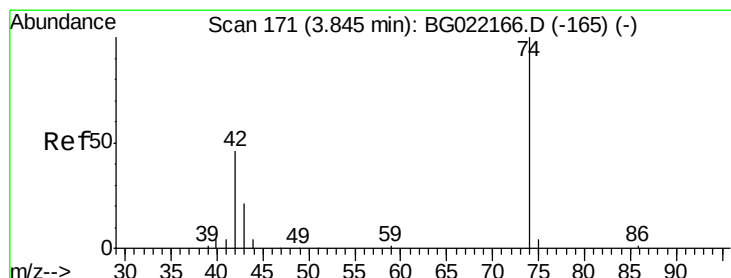
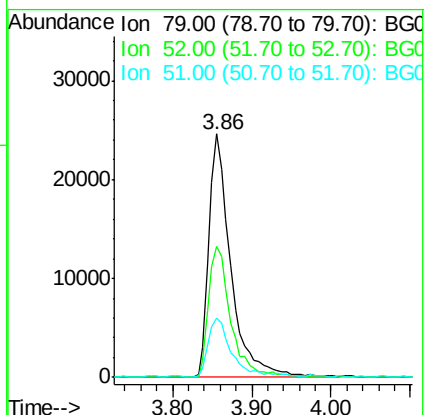
Tot Ion: 79 Resp: 47554

Ion Ratio Lower Upper

79 100

52 53.7 41.6 62.4

51 24.6 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 41.20 ng

RT: 3.77 min Scan# 159

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

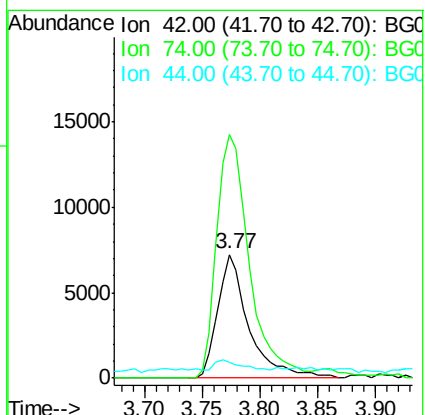
Tgt Ion: 42 Resp: 13562

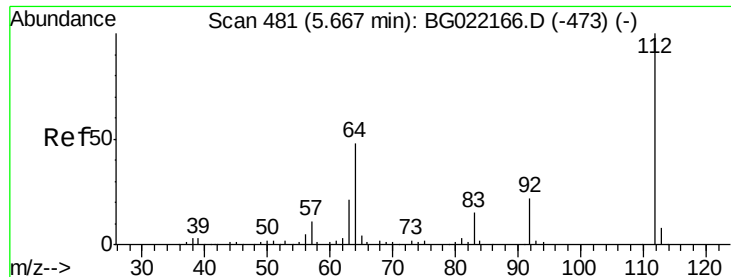
Ion Ratio Lower Upper

42 100

74 197.3 184.0 276.0

44 12.7 11.0 16.6





#5

2-Fluorophenol

Concen: 142.08 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

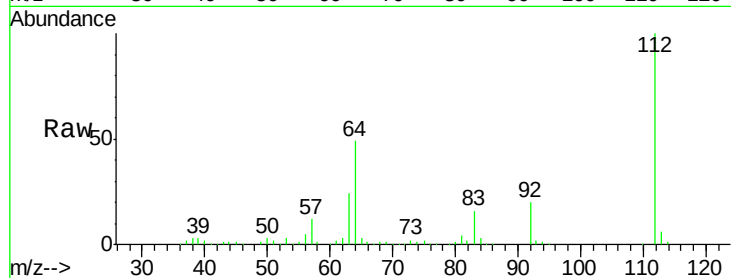
Tot Ion:112 Resp: 161405

Ion Ratio Lower Upper

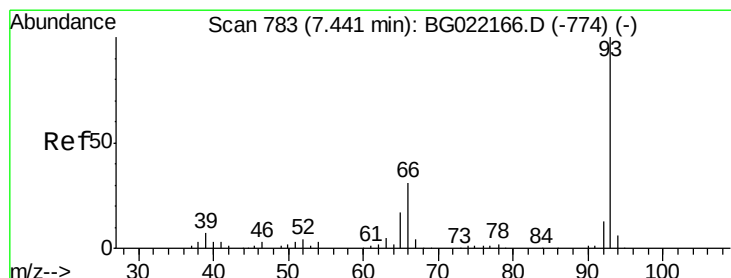
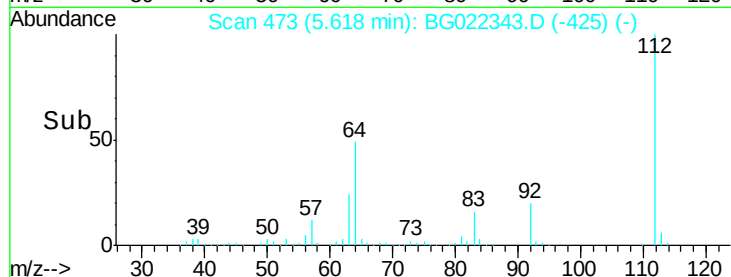
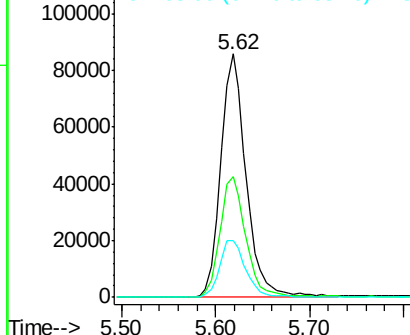
112 100

64 49.4 51.1 76.7#

63 23.6 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: 21.58 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

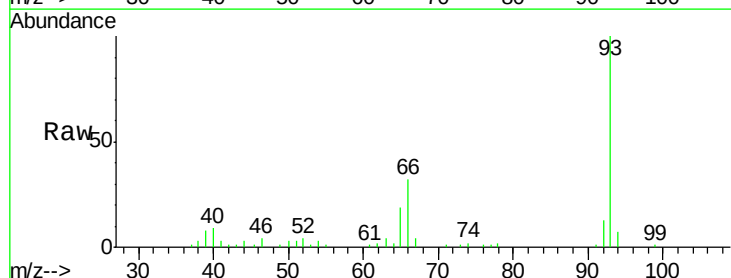
Tgt Ion: 93 Resp: 48979

Ion Ratio Lower Upper

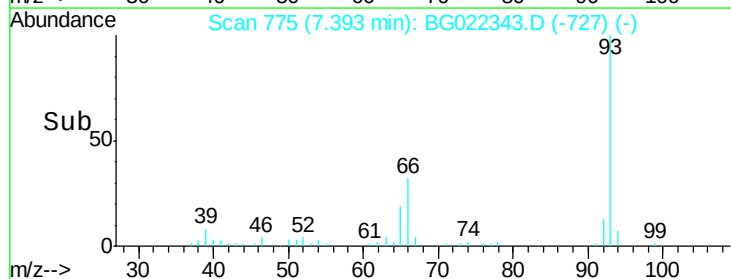
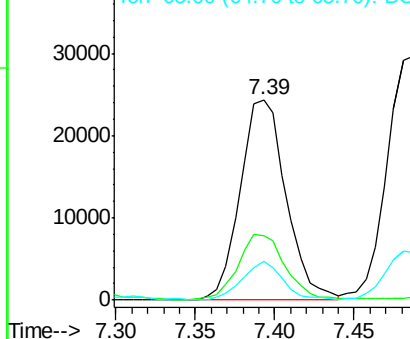
93 100

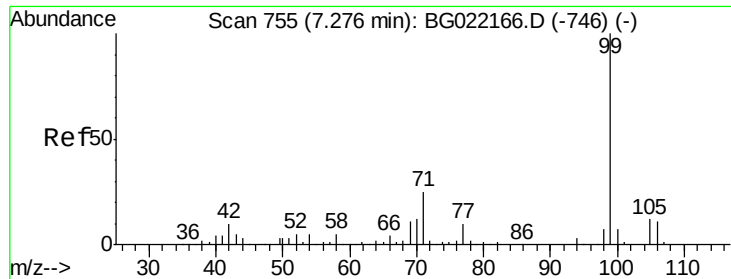
66 32.3 36.3 54.5#

65 19.1 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: 139.98 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022343.D

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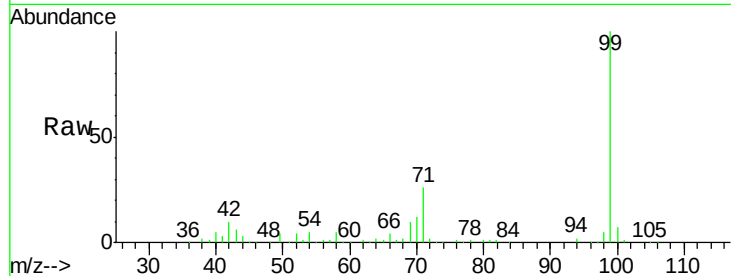
Tot Ion: 99 Resp: 250025

Ion Ratio Lower Upper

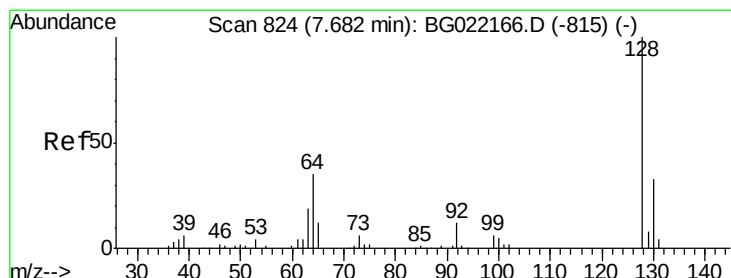
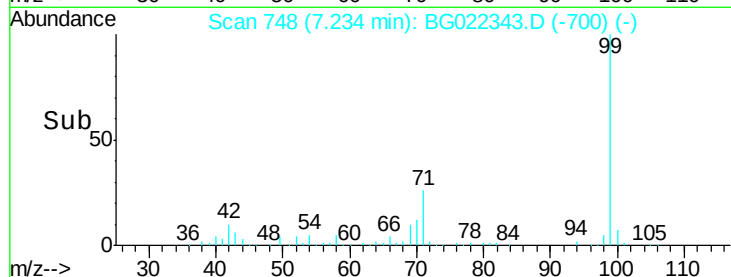
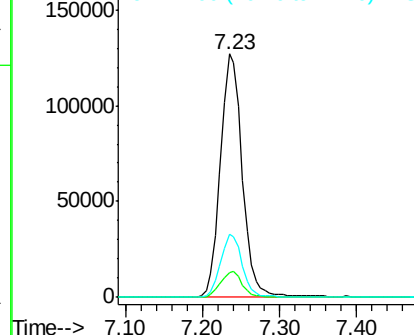
99 100

42 10.3 16.4 24.6#

71 26.1 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: 43.55 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

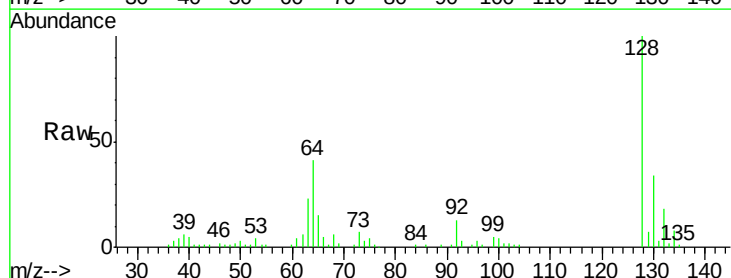
Tgt Ion: 128 Resp: 68376

Ion Ratio Lower Upper

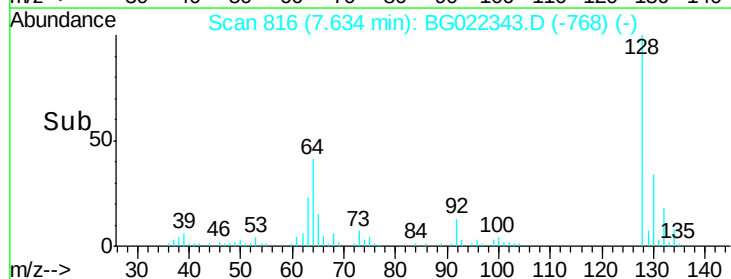
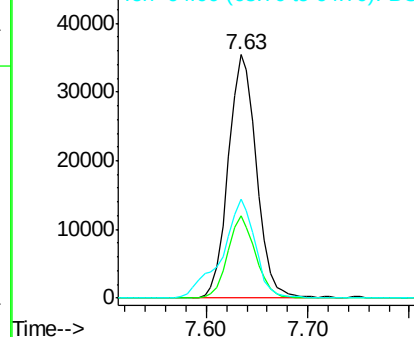
128 100

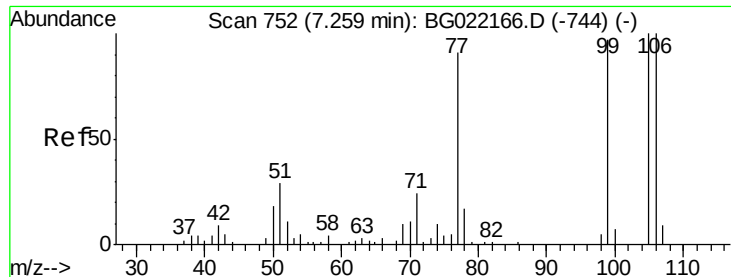
130 33.6 11.2 51.2

64 40.5 39.8 79.8



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





#9

Benzaldehyde

Concen: 2.57 ng/mL

RT: 7.22 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG022343.D

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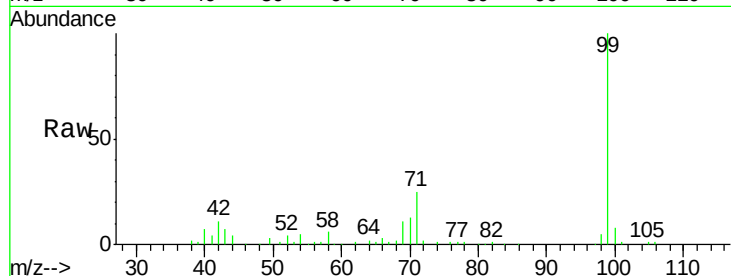
Tot Ion: 77 Resp: 2528

Ion Ratio Lower Upper

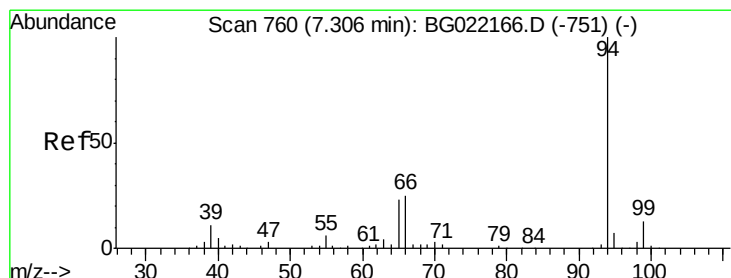
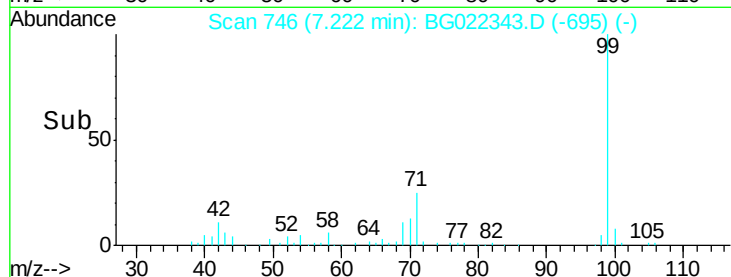
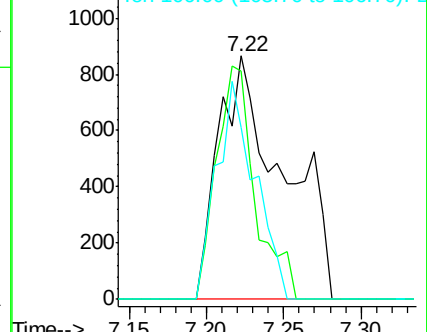
77 100

105 93.8 62.1 102.1

106 70.6 65.6 105.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.80 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

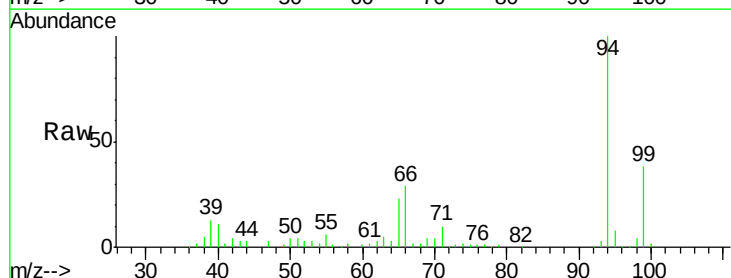
Tgt Ion: 94 Resp: 86183

Ion Ratio Lower Upper

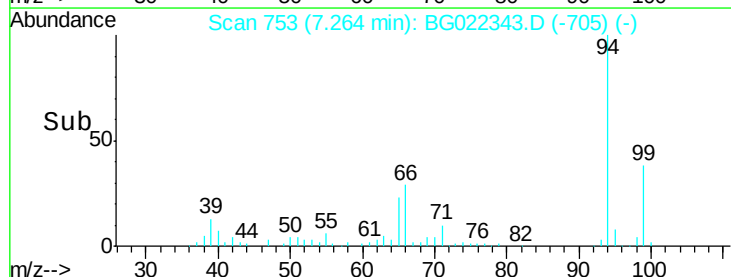
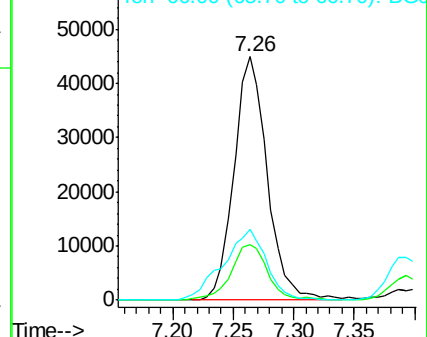
94 100

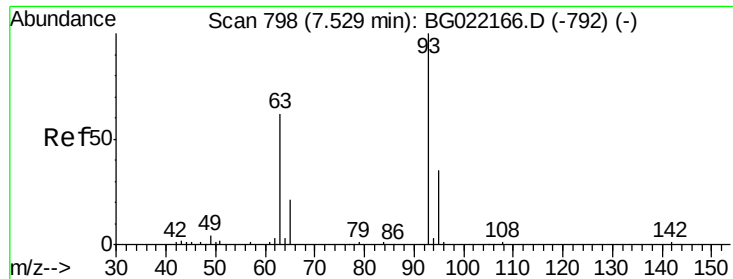
65 22.6 9.8 49.8

66 28.9 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

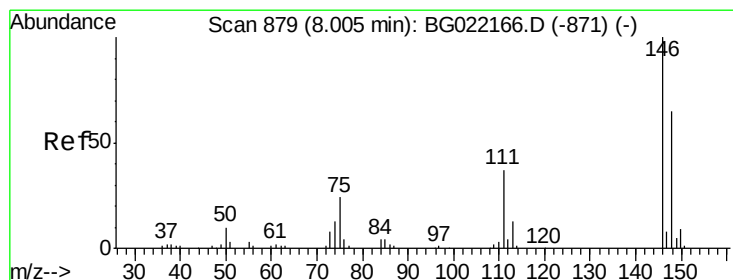
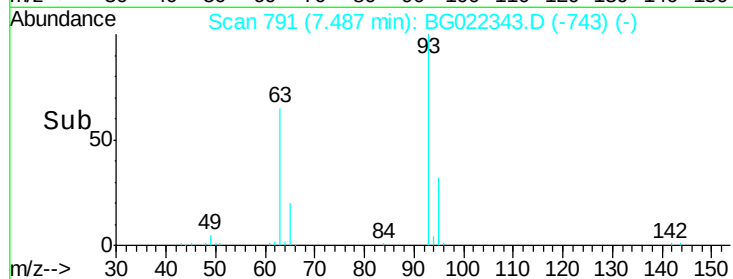
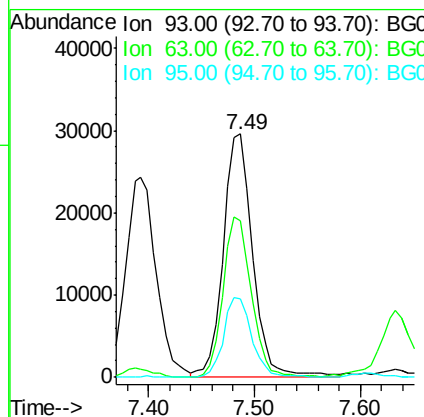
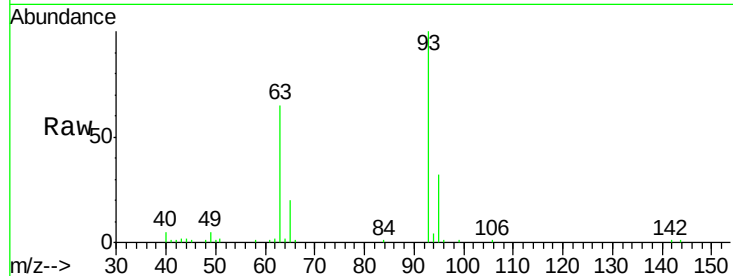




#11
bis(2-Chloroethyl)ether
Concen: 39.14 ng
RT: 7.49 min Scan# 791
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

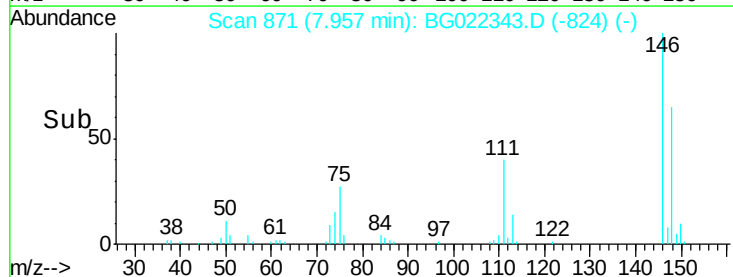
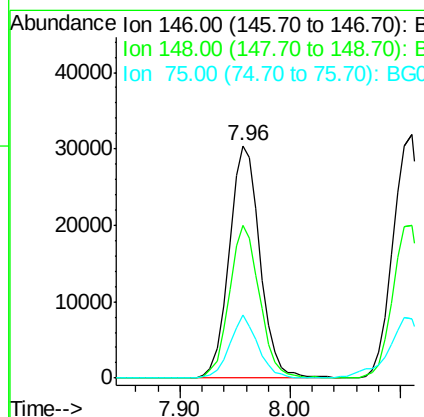
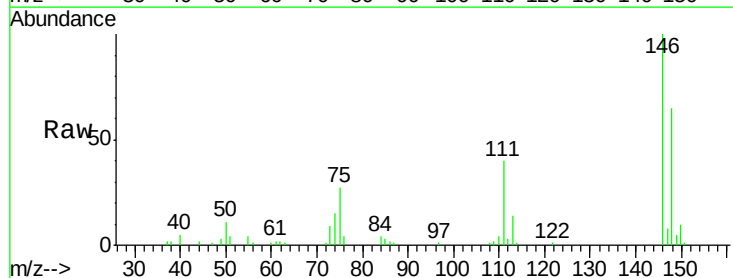
Instrument :
BNA_G
ClientSampleId :
PB91291BS

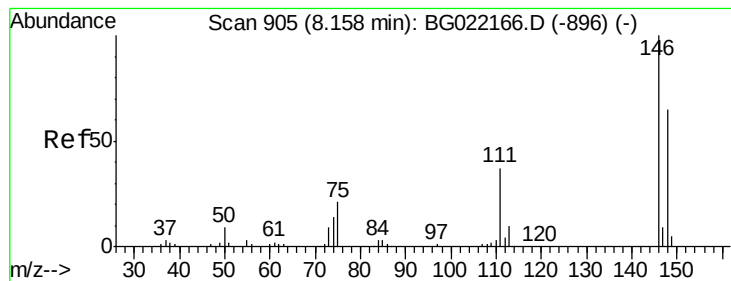
Tot Ion: 93 Resp: 57474
Ion Ratio Lower Upper
93 100
63 64.5 74.9 114.9#
95 32.1 8.3 48.3



#12
1,3-Dichlorobenzene
Concen: 35.12 ng
RT: 7.96 min Scan# 871
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion: 146 Resp: 59108
Ion Ratio Lower Upper
146 100
148 65.4 53.7 80.5
75 27.1 27.4 41.0#





#13

1,4-Dichlorobenzene

Concen: 36.70 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

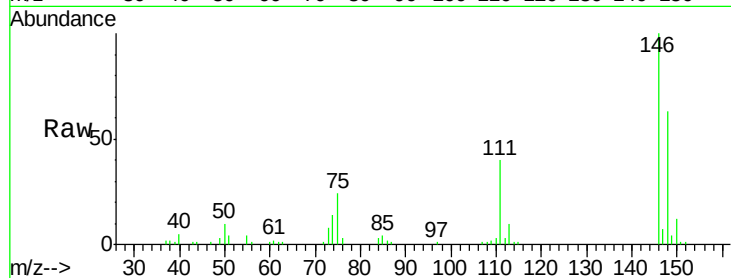
Tot Ion:146 Resp: 61550

Ion Ratio Lower Upper

146 100

148 62.8 46.7 70.1

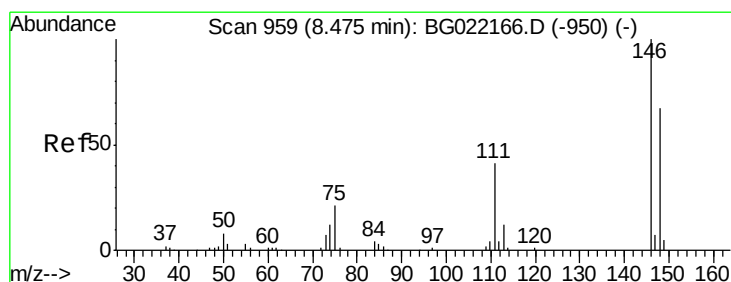
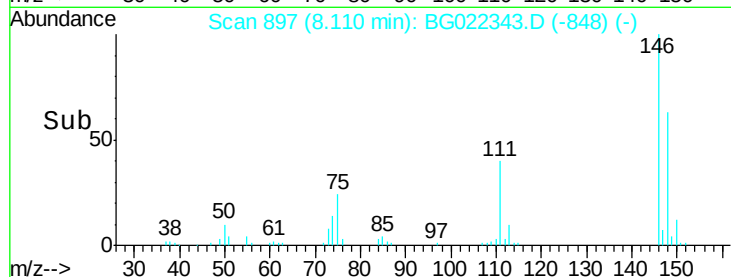
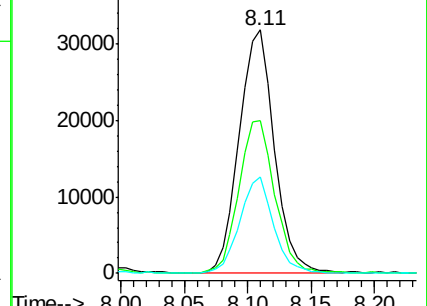
111 39.7 33.0 49.6



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: 35.15 ng

RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

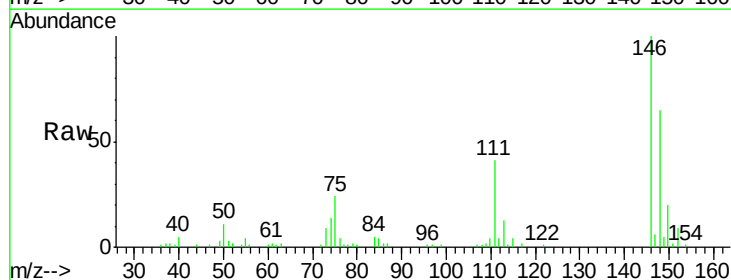
Tgt Ion:146 Resp: 59423

Ion Ratio Lower Upper

146 100

148 64.5 52.6 79.0

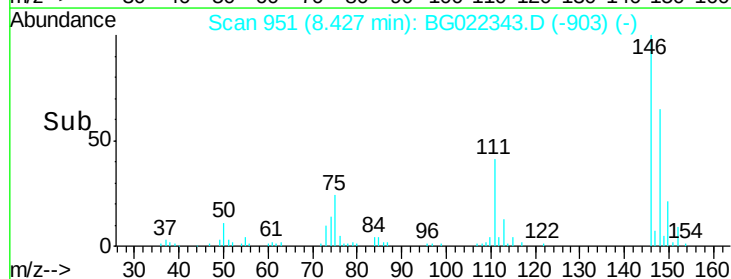
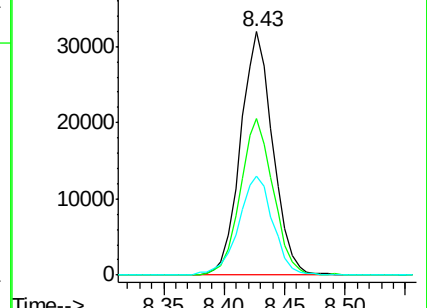
111 40.9 36.1 54.1

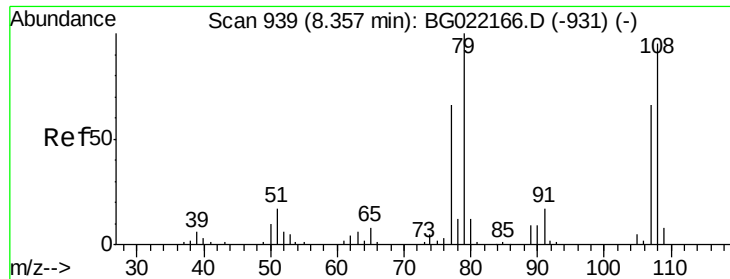


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.90 ng

RT: 8.32 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

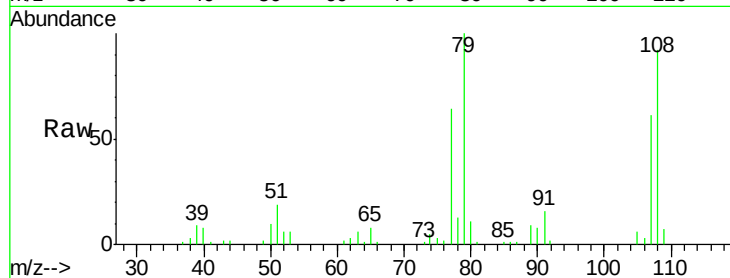
Tot Ion: 79 Resp: 48358

Ion Ratio Lower Upper

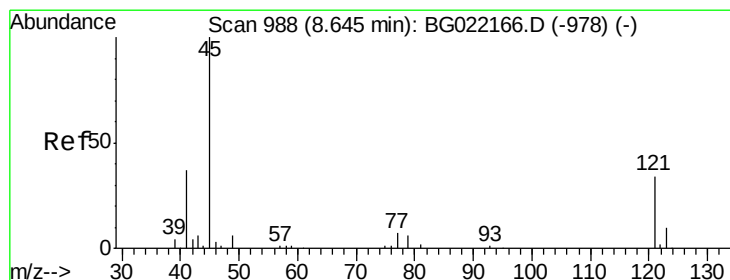
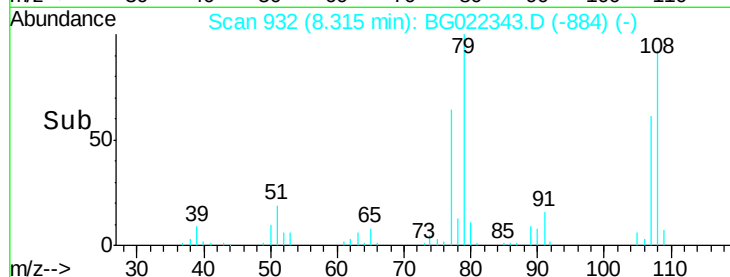
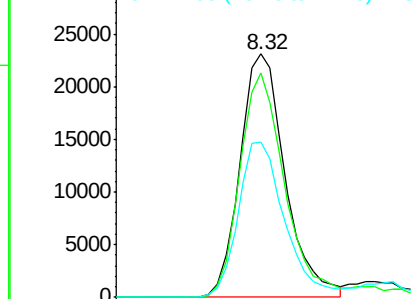
79 100

108 92.0 59.4 89.0#

77 63.9 52.2 78.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.20 ng

RT: 8.60 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

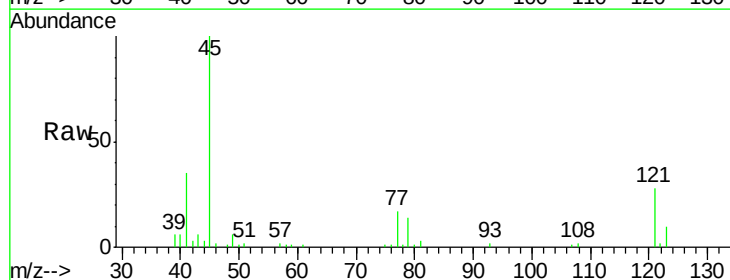
Tgt Ion: 45 Resp: 61234

Ion Ratio Lower Upper

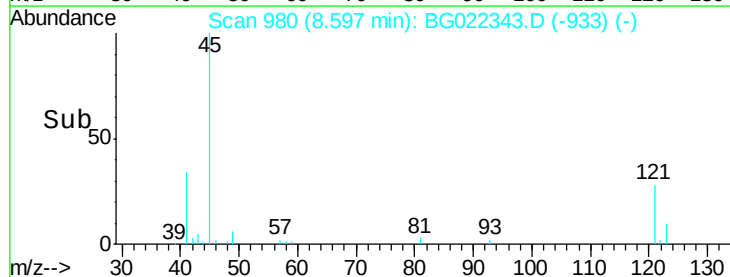
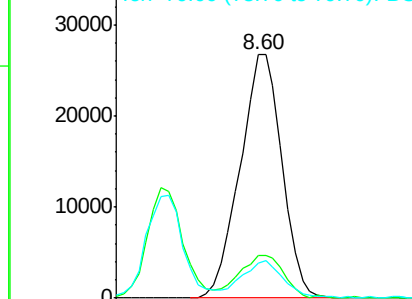
45 100

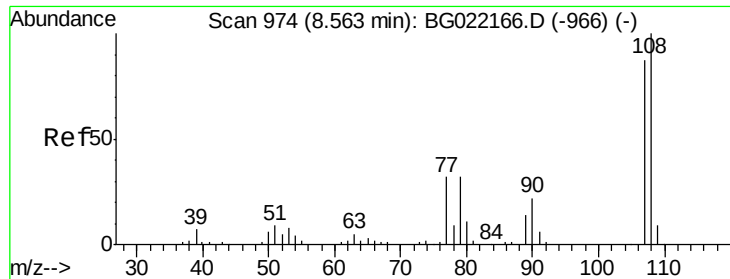
77 17.5 0.0 31.2

79 14.1 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: 44.25 ng

RT: 8.53 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleID :

PB91291BS

Tot Ion:107 Resp: 60815

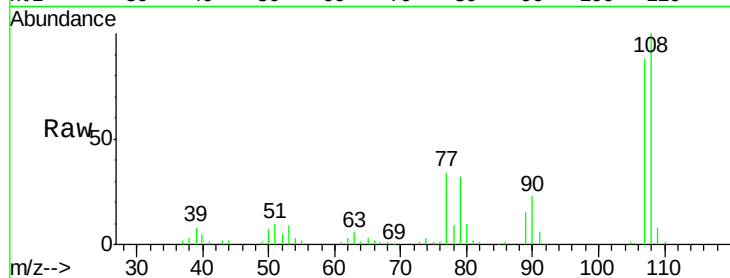
Ion Ratio Lower Upper

107 100

108 114.1 80.2 120.4

77 38.7 40.7 61.1#

79 37.0 39.8 59.8#

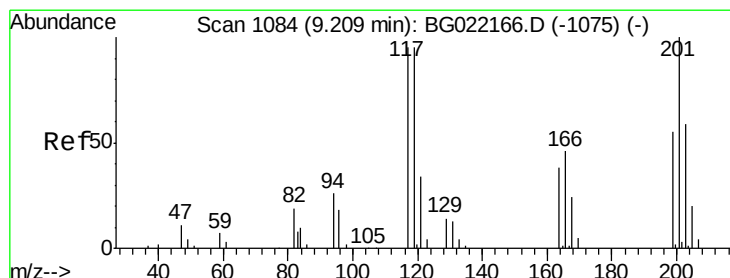
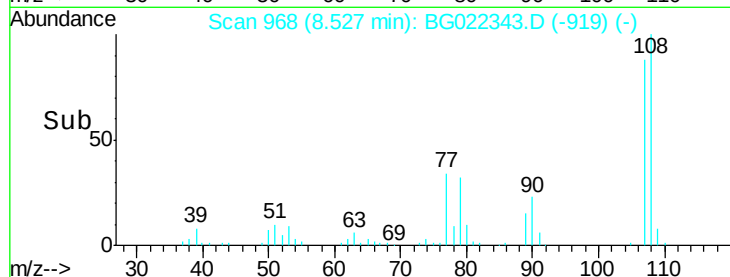
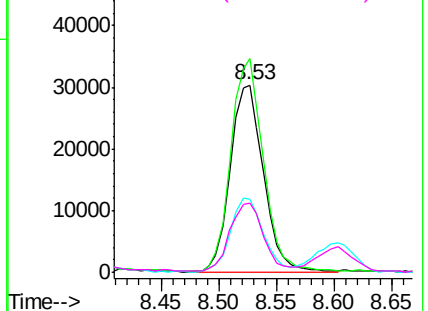


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.99 ng

RT: 9.16 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

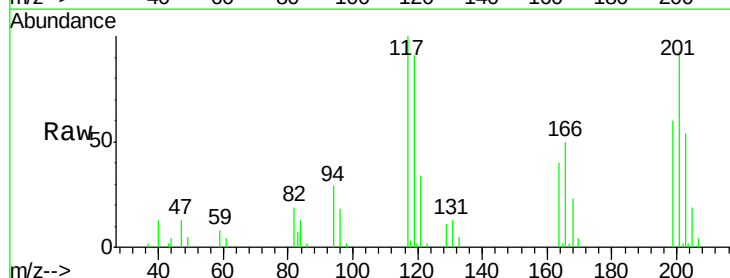
Tgt Ion:117 Resp: 22648

Ion Ratio Lower Upper

117 100

119 91.1 63.9 95.9

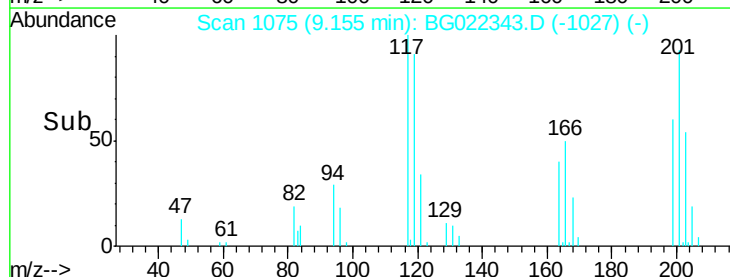
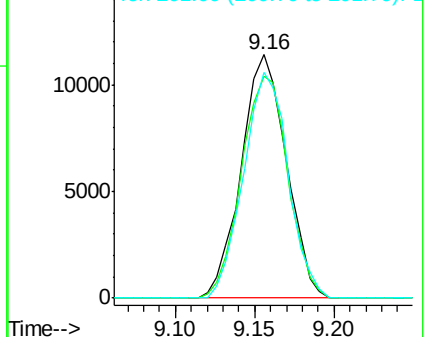
201 92.8 61.2 91.8#

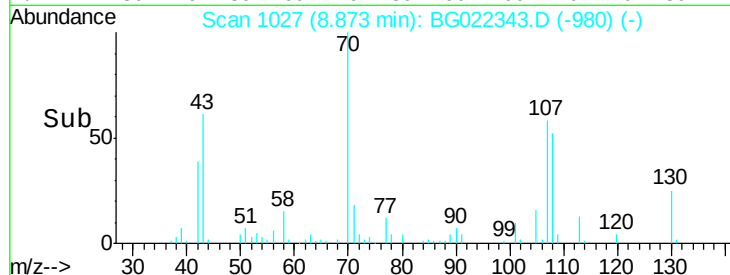
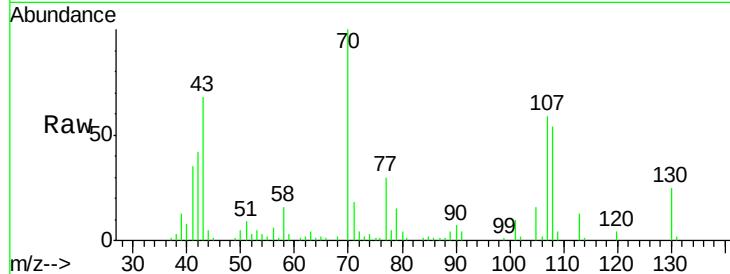
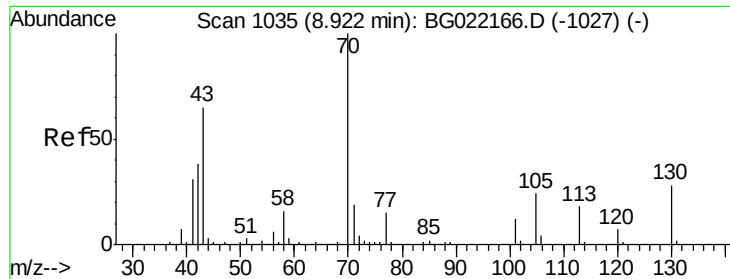


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

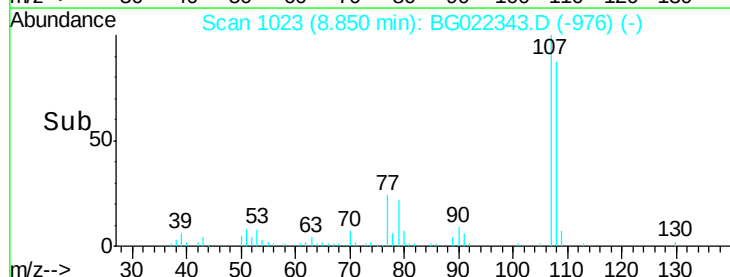
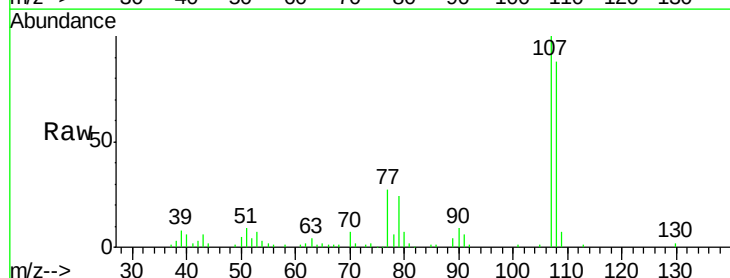
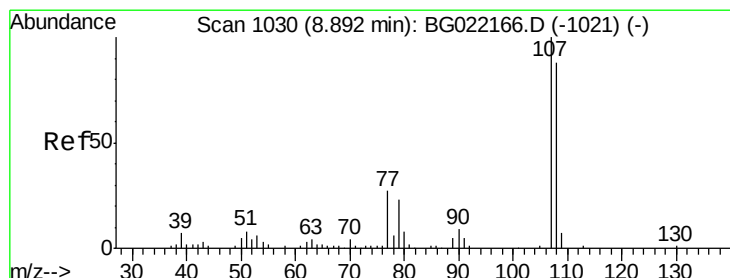
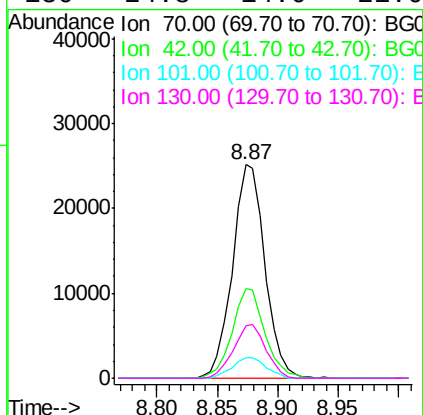




#19
n-Nitroso-di-n-propylamine
Concen: 38.92 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

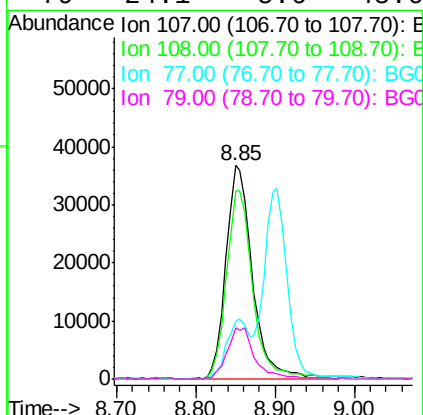
Instrument :
BNA_G
ClientSampleId :
PB91291BS

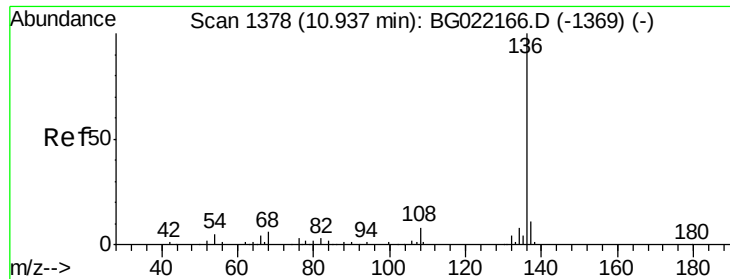
Tot Ion: 70 Resp: 47061
Ion Ratio Lower Upper
70 100
42 42.1 56.7 85.1#
101 9.9 8.2 12.4
130 24.8 14.0 21.0#



#20
3+4-Methylphenols
Concen: 43.25 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion: 107 Resp: 85254
Ion Ratio Lower Upper
107 100
108 87.9 66.2 106.2
77 27.2 11.5 51.5
79 24.1 5.6 45.6

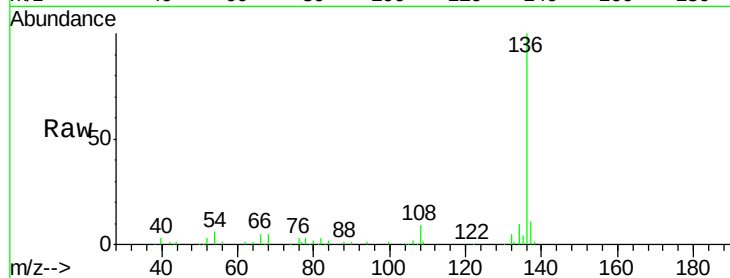




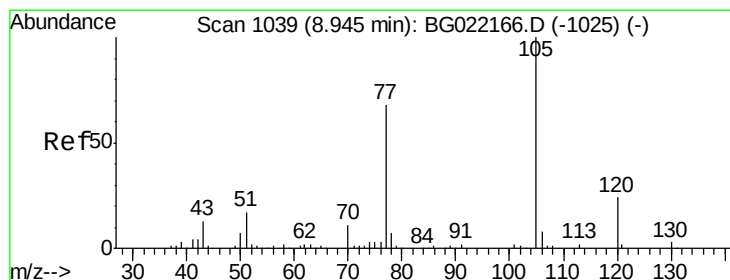
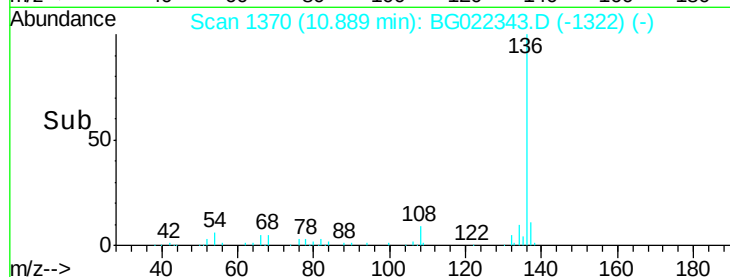
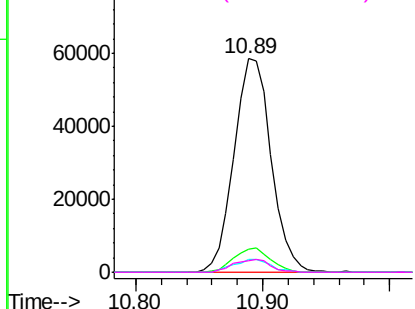
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Instrument :
BNA_G
ClientSampleId :
PB91291BS

Tot Ion:136	Resp:	118290
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	6.3	9.6 14.4#
68	5.2	6.4 9.6#

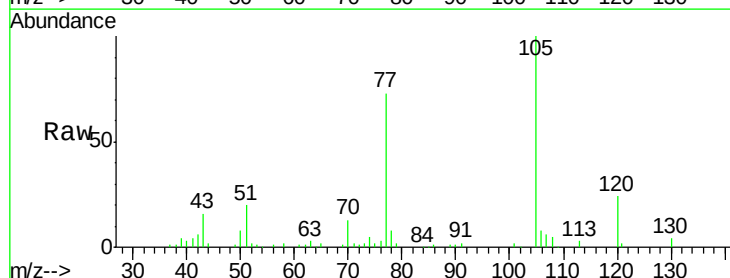


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

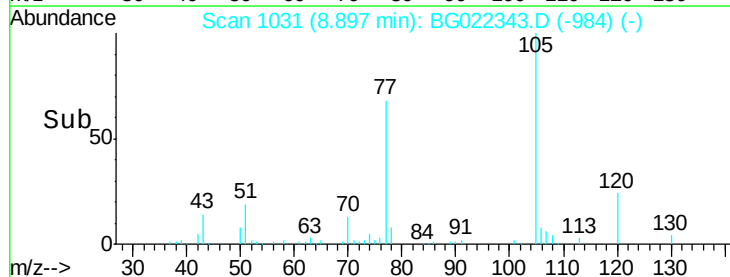
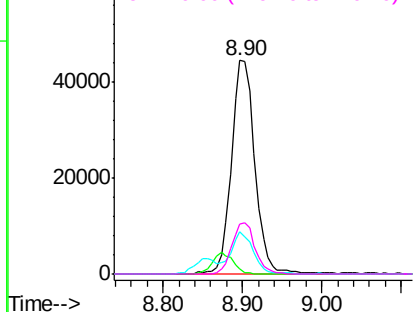


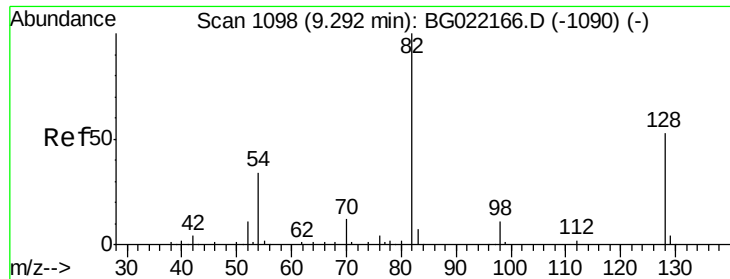
#22
Acetophenone
Concen: 35.73 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:105	Resp:	91068
Ion Ratio	Lower	Upper
105	100	
71	2.4	0.0 0.0#
51	19.9	25.7 38.5#
120	23.5	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

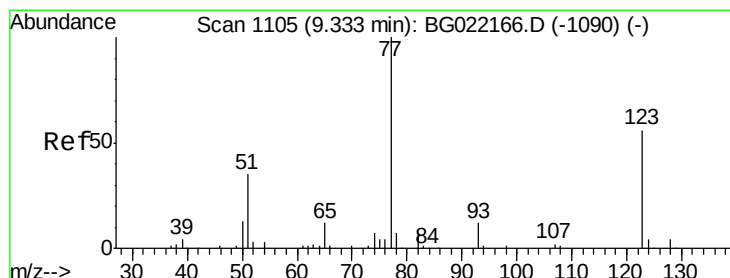
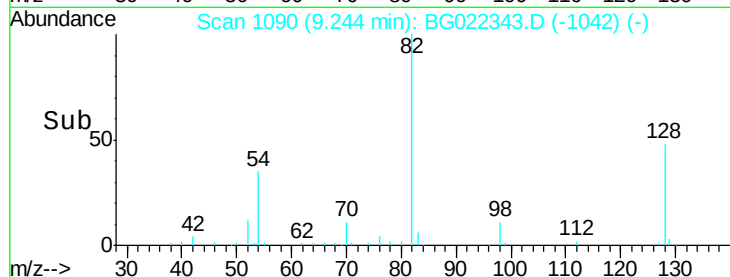
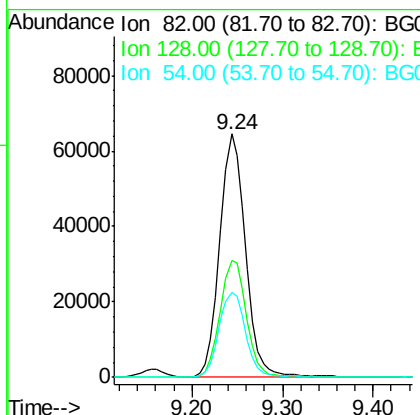
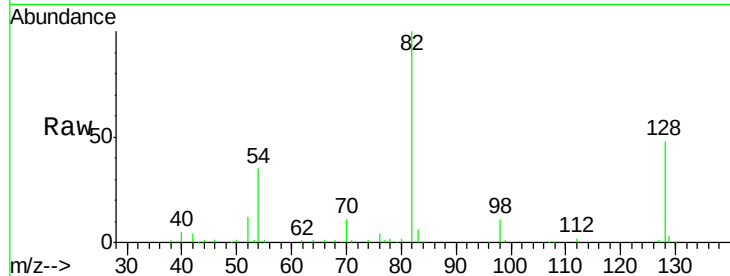




#23
 Nitrobenzene-d5
 Concen: 75.29 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

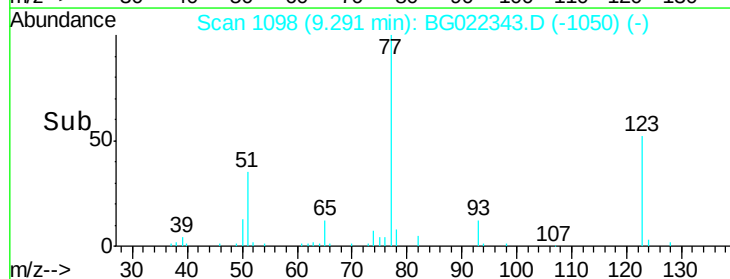
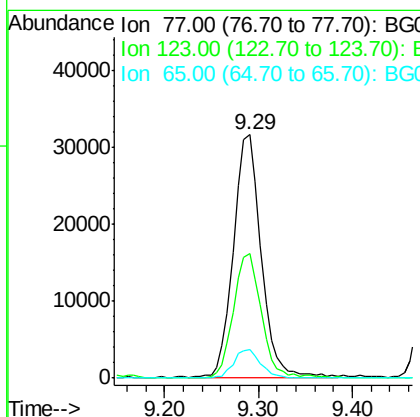
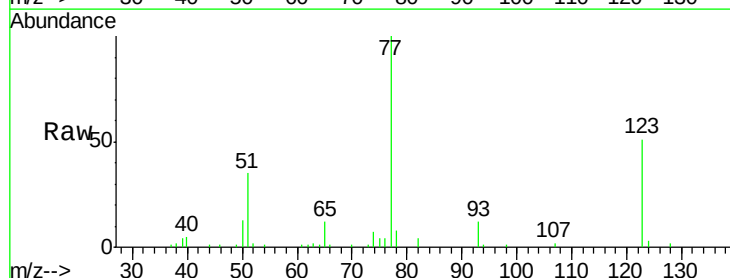
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

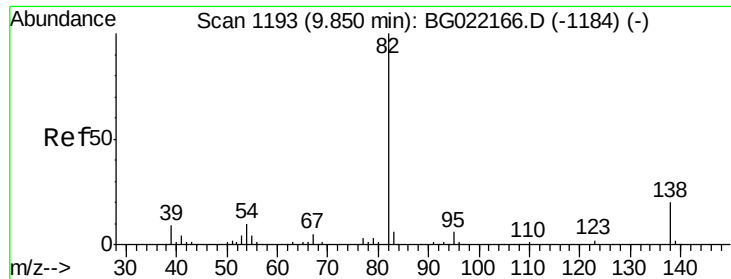
Tot Ion	82	Resp	127748
Ion Ratio	100	Lower	Upper
128	48.2	33.4	50.0
54	34.9	46.1	69.1#



#24
 Nitrobenzene
 Concen: 38.46 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion	77	Resp	65622
Ion Ratio	100	Lower	Upper
123	51.3	32.2	48.4#
65	11.8	10.3	15.5





#25

Isophorone

Concen: 35.49 ng

RT: 9.81 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

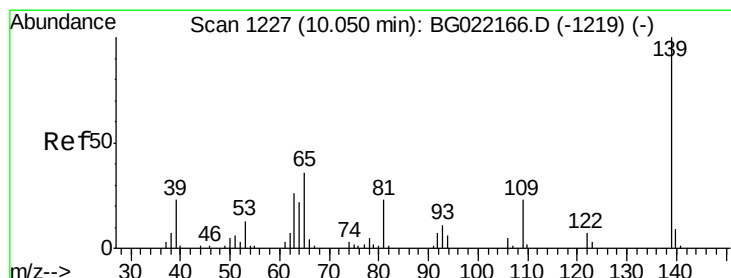
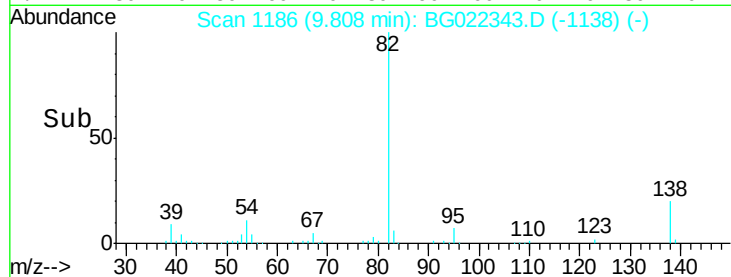
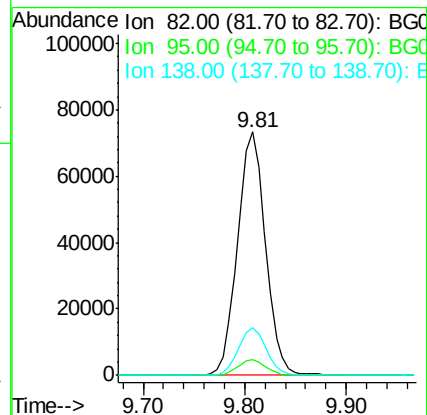
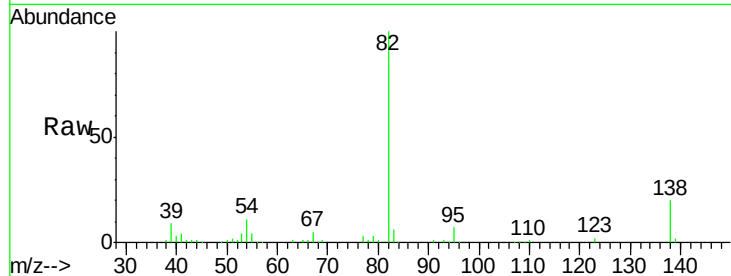
Tot Ion: 82 Resp: 140877

Ion Ratio Lower Upper

82 100

95 6.6 6.0 9.0

138 19.8 13.4 20.0



#26

2-Nitrophenol

Concen: 39.88 ng

RT: 10.01 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

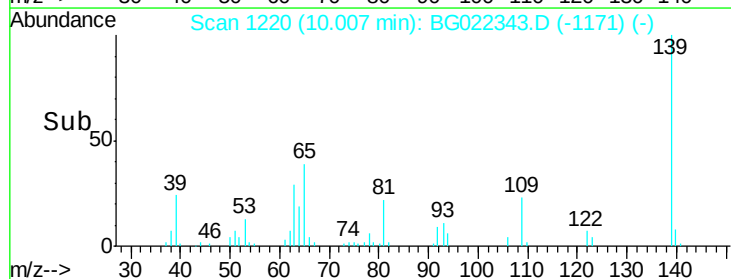
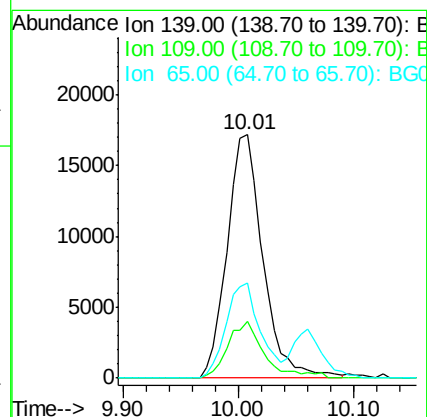
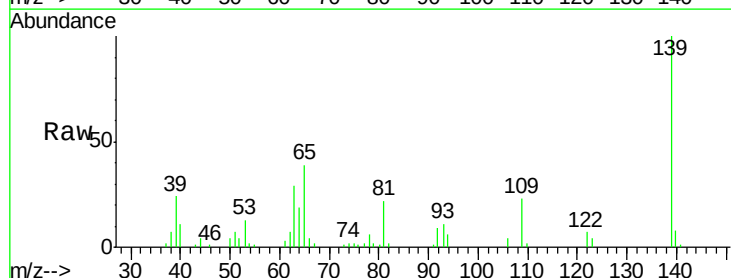
Tgt Ion: 139 Resp: 36902

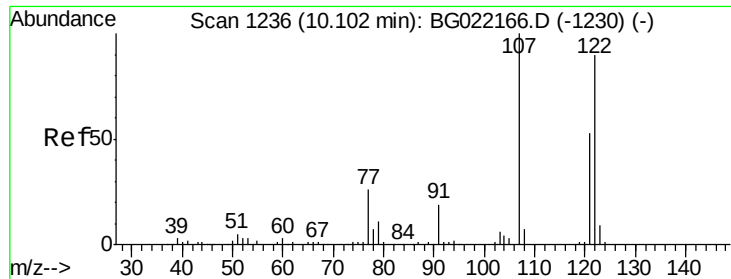
Ion Ratio Lower Upper

139 100

109 23.4 26.6 40.0#

65 39.1 45.3 67.9#

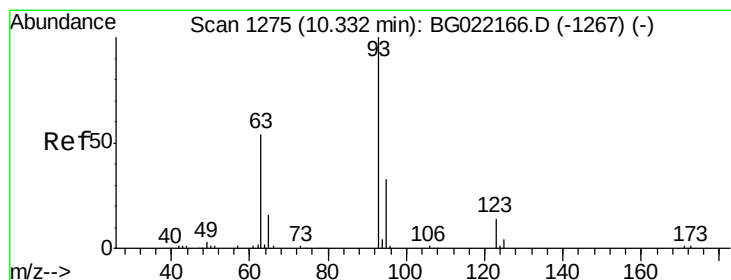
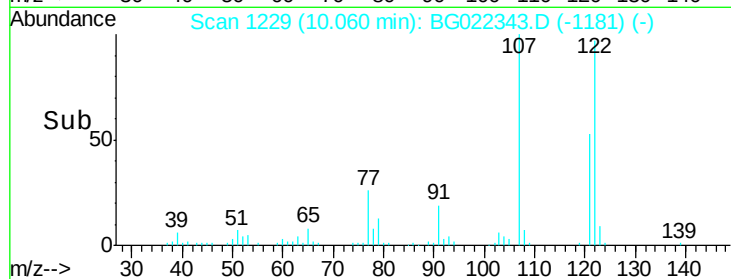
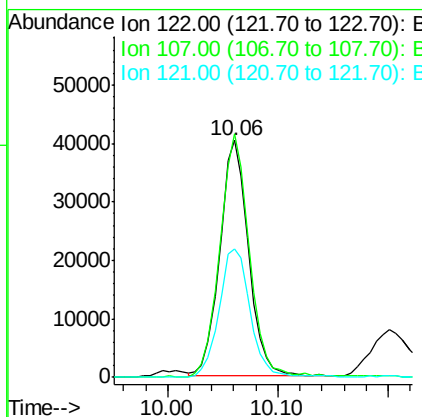
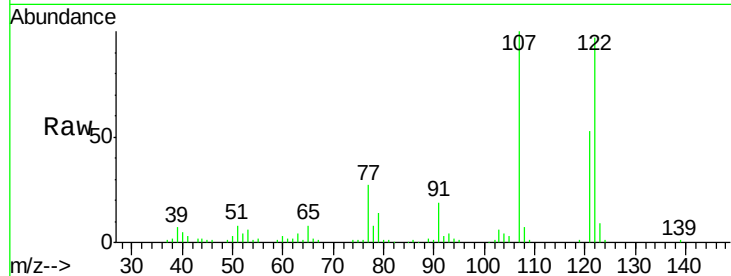




#27
 2,4-Dimethylphenol
 Concen: 43.74 ng
 RT: 10.06 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

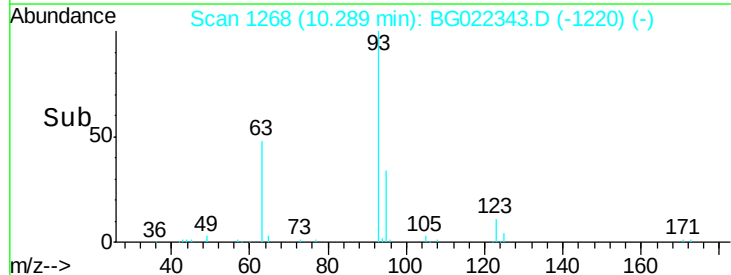
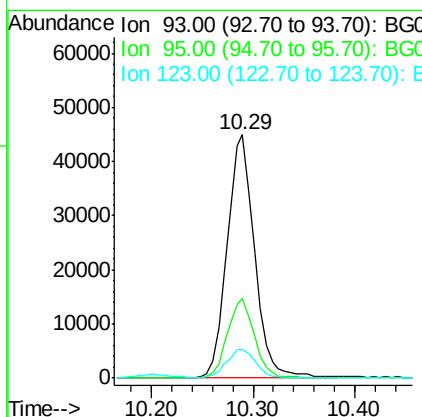
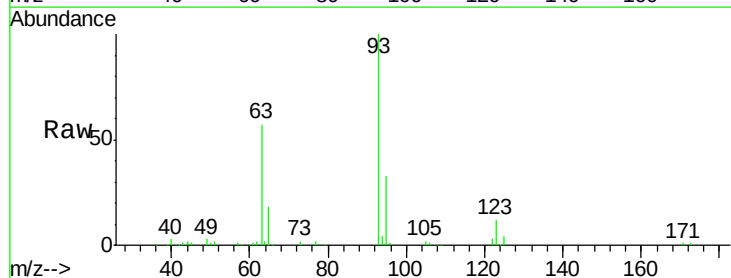
Instrument :
 BNA_G
 ClientSampled :
 PB91291BS

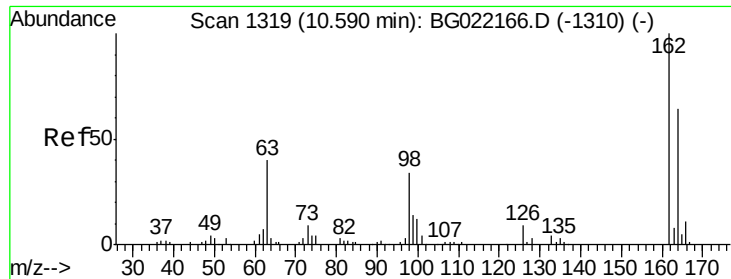
Tot Ion:122 Resp: 73252
 Ion Ratio Lower Upper
 122 100
 107 102.7 97.2 145.8
 121 54.4 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.05 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion: 93 Resp: 84249
 Ion Ratio Lower Upper
 93 100
 95 33.0 30.1 45.1
 123 11.6 10.2 15.4

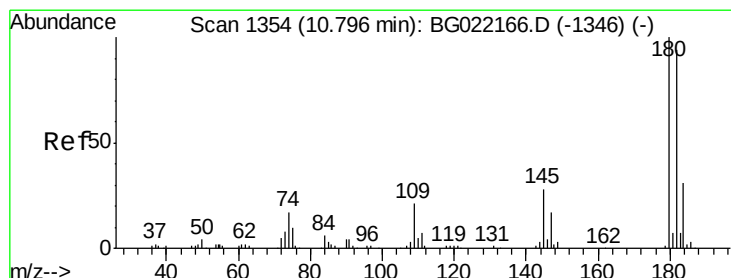
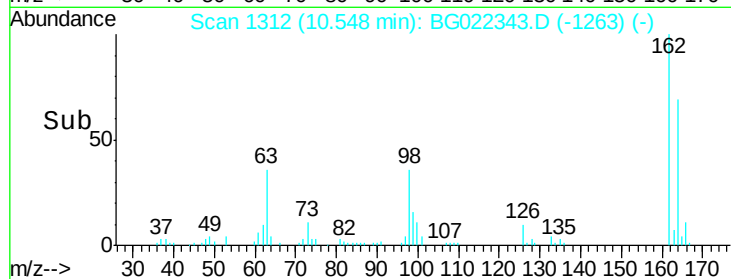
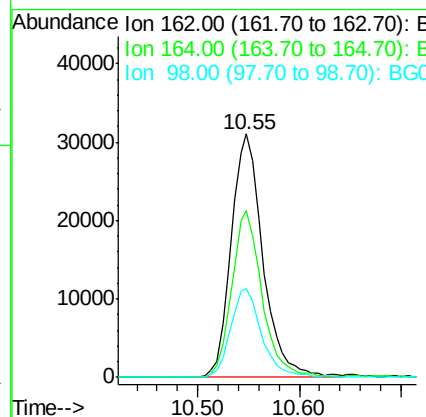
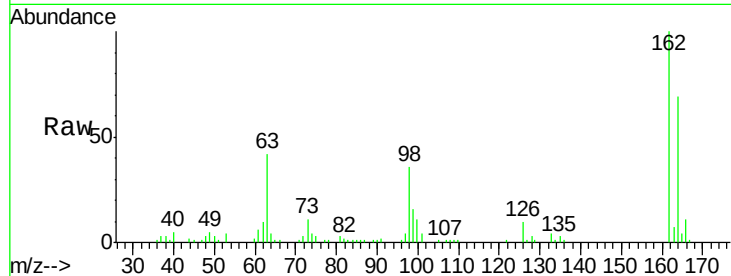




#29
 2,4-Dichlorophenol
 Concen: 43.38 ng
 RT: 10.55 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

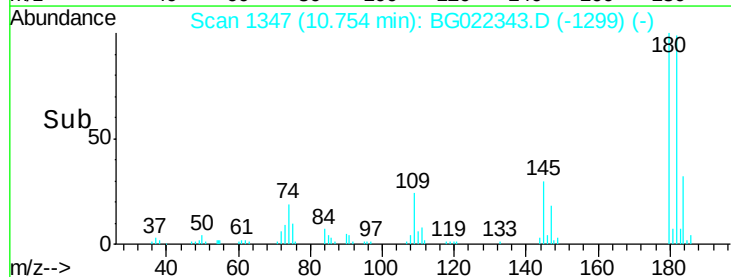
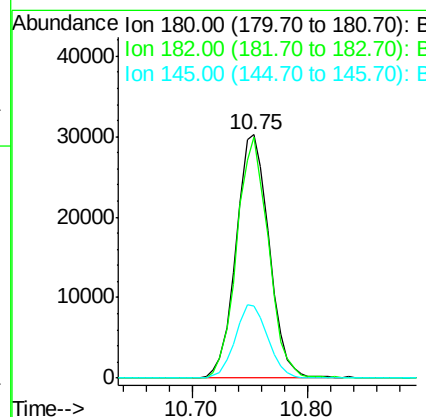
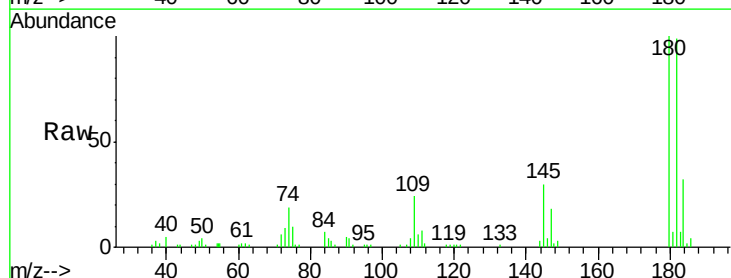
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

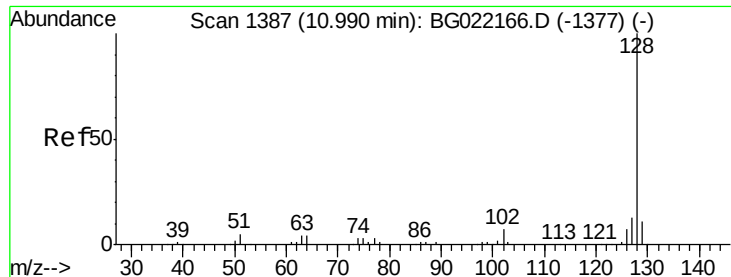
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	44.9	84.9
98	36.3	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 34.58 ng
 RT: 10.75 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	82.3	123.5
145	29.6	24.4	36.6

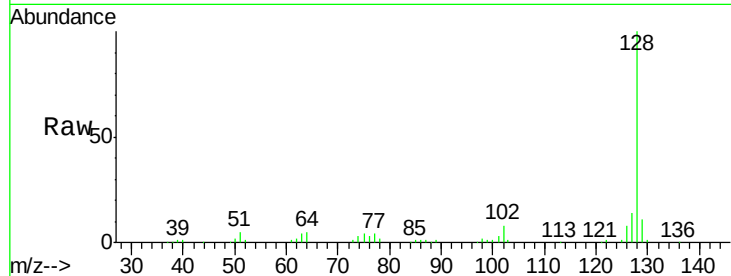




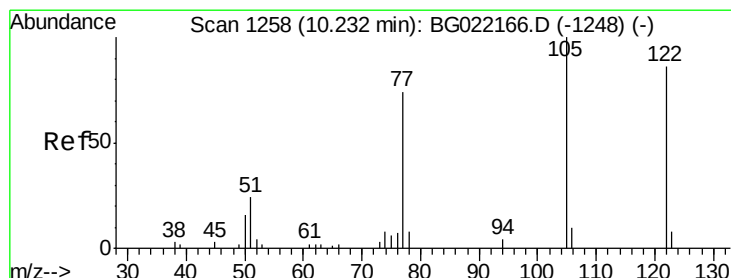
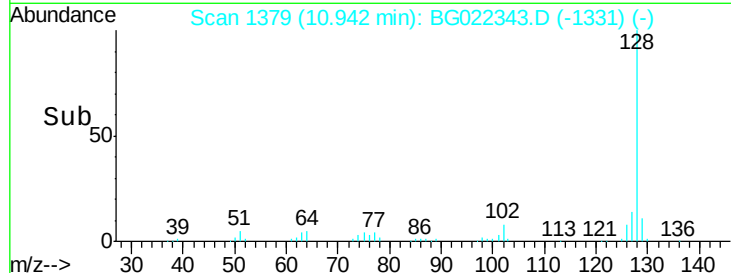
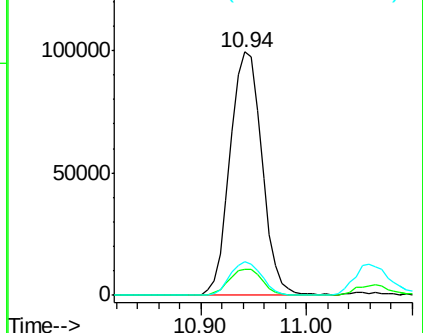
#31
Naphthalene
Concen: 35.30 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Instrument :
BNA_G
ClientSampleId :
PB91291BS

Tot Ion:128 Resp: 208407
Ion Ratio Lower Upper
128 100
129 10.8 7.0 10.6#
127 13.9 10.1 15.1

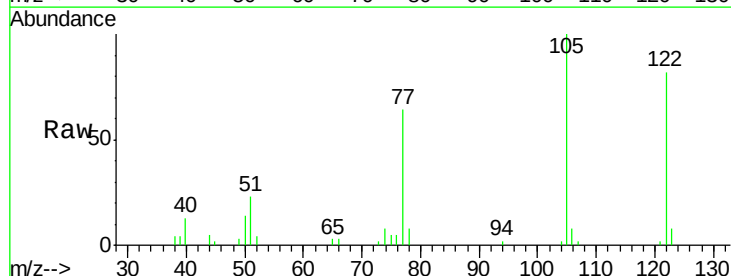


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

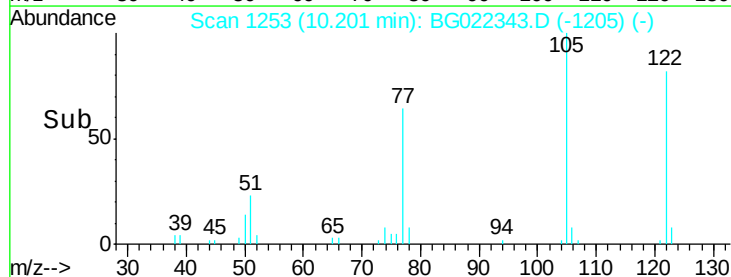
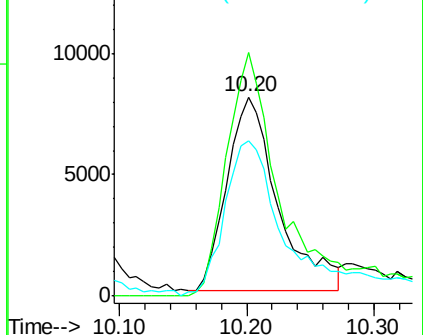


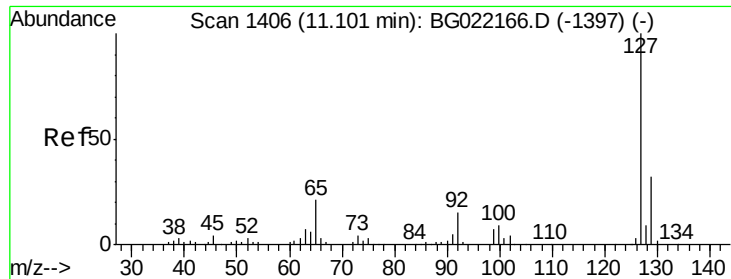
#32
Benzoic acid
Concen: 41.72 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:122 Resp: 22359
Ion Ratio Lower Upper
122 100
105 122.5 104.5 144.5
77 78.4 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

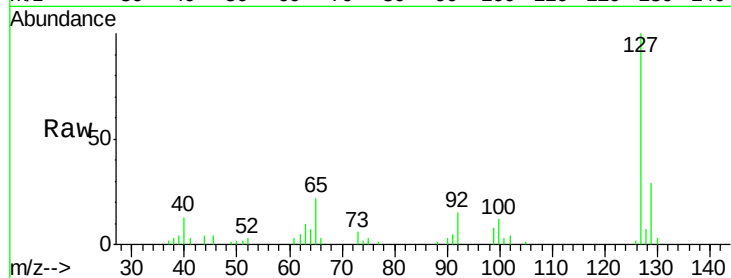




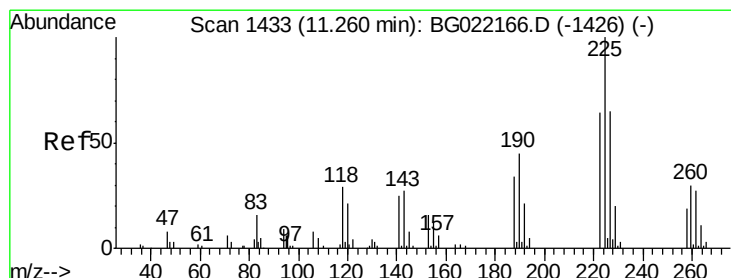
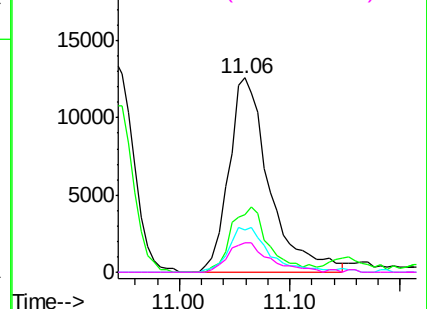
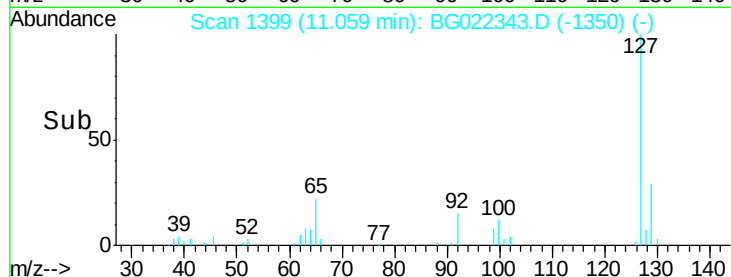
#33
4-Chloroaniline
Concen: 13.18 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Instrument :
BNA_G
ClientSampleId :
PB91291BS

Tot Ion:127 Resp: 32352
Ion Ratio Lower Upper
127 100
129 29.4 26.6 39.8
65 21.7 27.5 41.3#
92 15.1 14.7 22.1

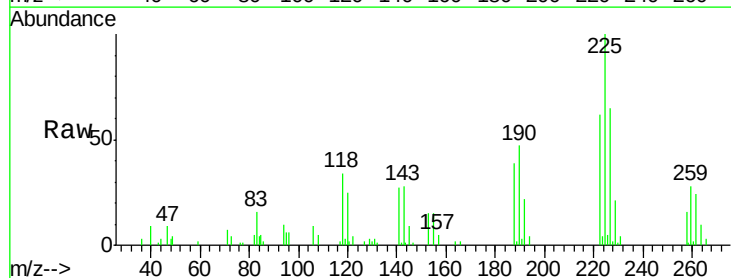


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

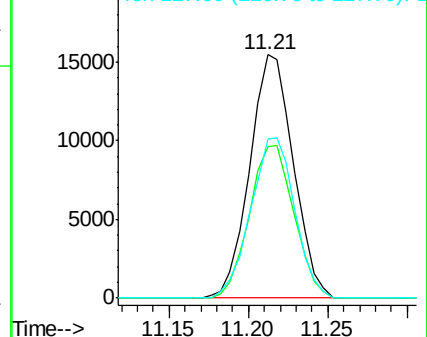
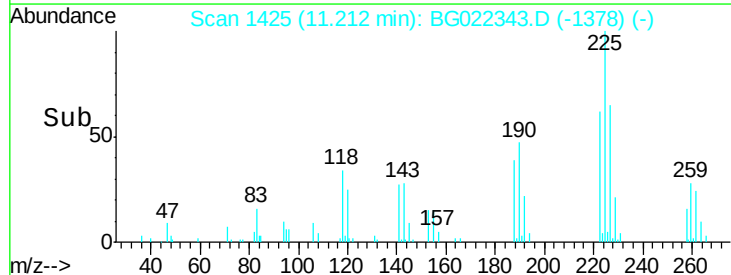


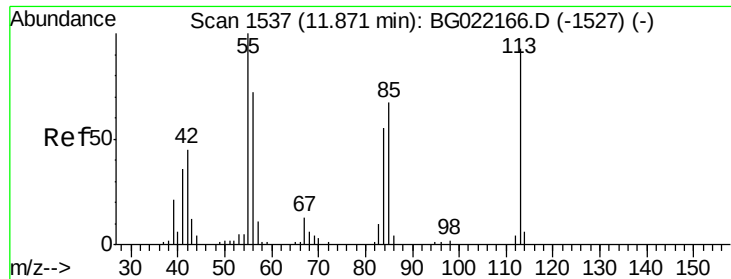
#34
Hexachlorobutadiene
Concen: 31.63 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:225 Resp: 29438
Ion Ratio Lower Upper
225 100
223 62.7 52.7 79.1
227 64.3 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: 37.36 ng/ml

RT: 11.83 min Scan# 1530

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleID :

PB91291BS

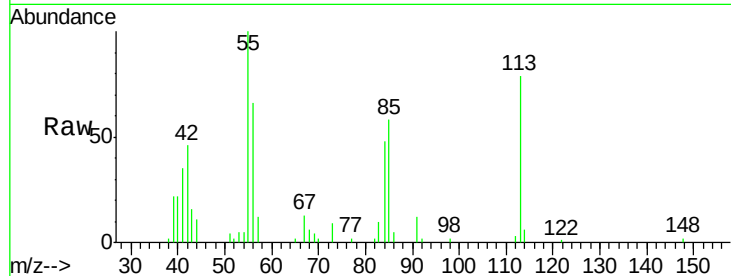
Tot Ion:113 Resp: 31792

Ion Ratio Lower Upper

113 100

55 126.8 194.2 234.2#

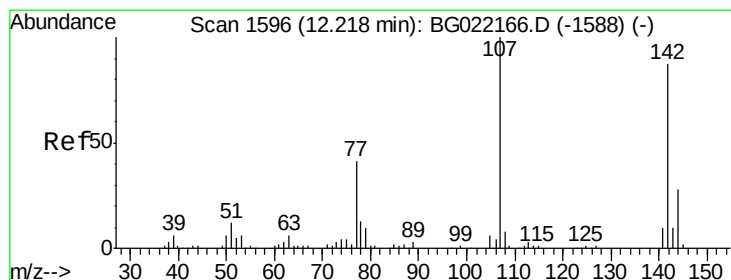
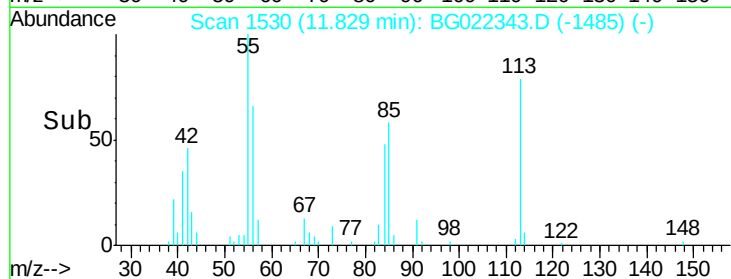
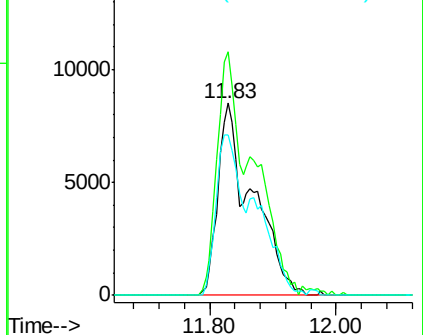
56 83.4 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.36 ng/ml

RT: 12.18 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

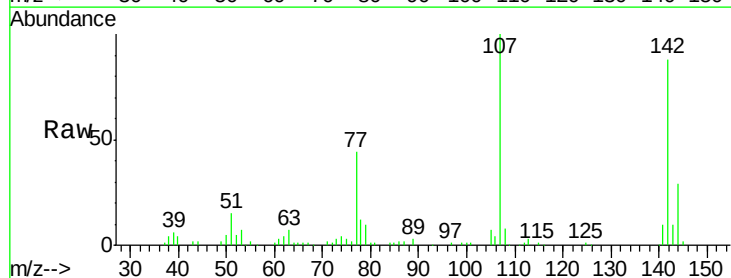
Tgt Ion:107 Resp: 81569

Ion Ratio Lower Upper

107 100

144 28.5 19.2 28.8

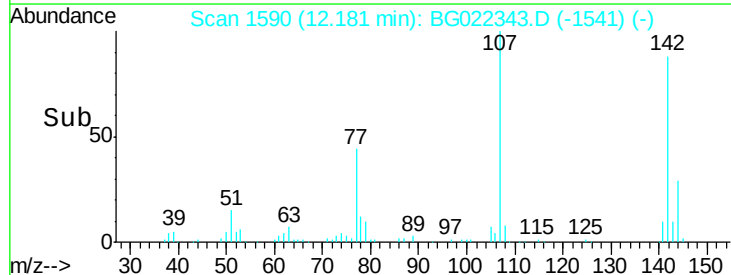
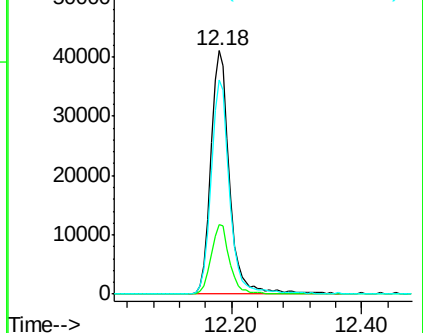
142 87.8 59.1 88.7

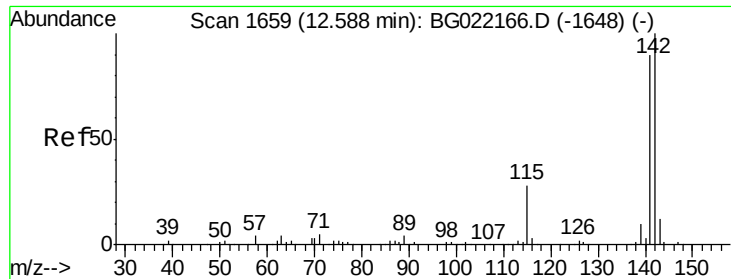


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

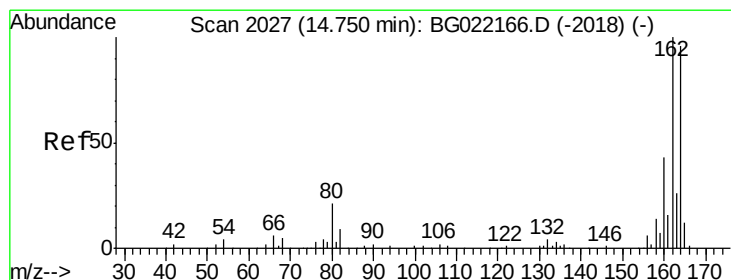
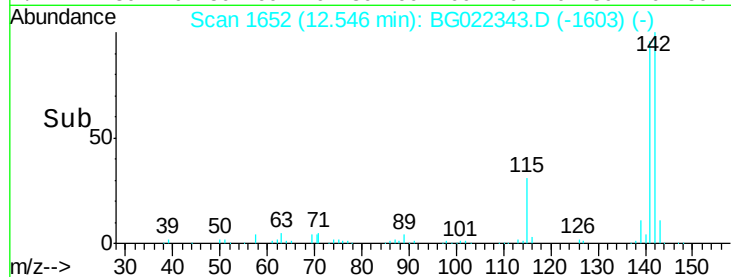
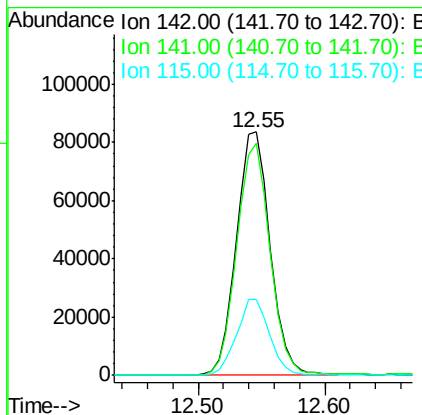
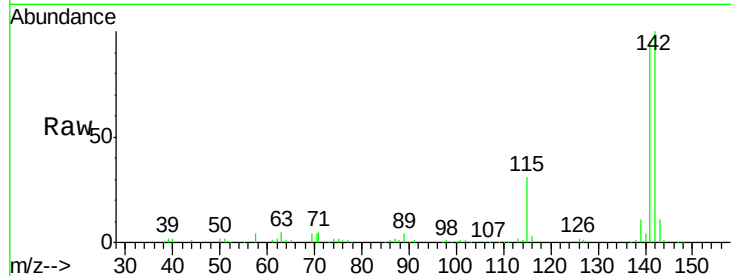




#37
2-Methylnaphthalene
Concen: 35.48 ng
RT: 12.55 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

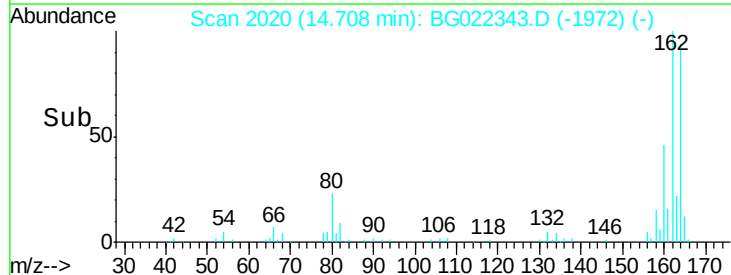
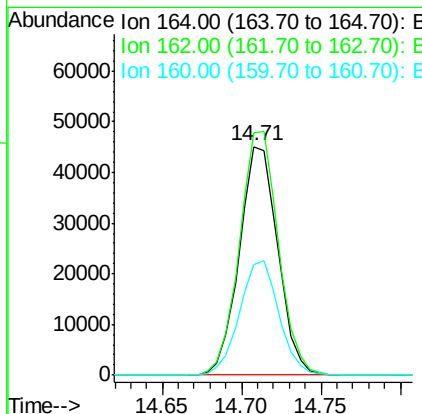
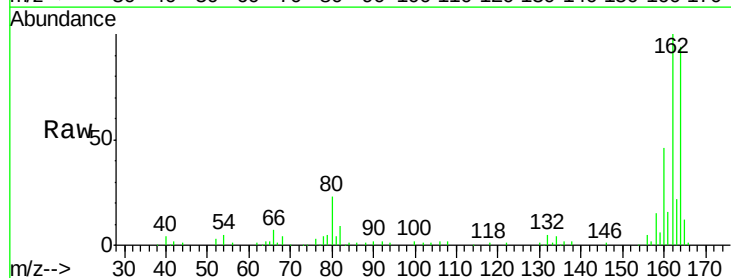
Instrument :
BNA_G
ClientSampleId :
PB91291BS

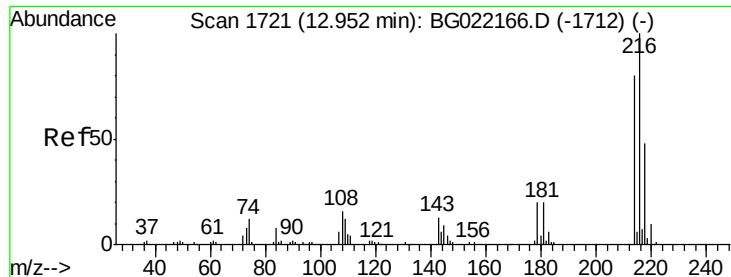
Tot Ion:142 Resp: 154665
Ion Ratio Lower Upper
142 100
141 95.1 71.4 107.0
115 31.2 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:164 Resp: 75791
Ion Ratio Lower Upper
164 100
162 106.0 78.0 117.0
160 48.5 32.9 49.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.69 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

Tot Ion:216 Resp: 65721

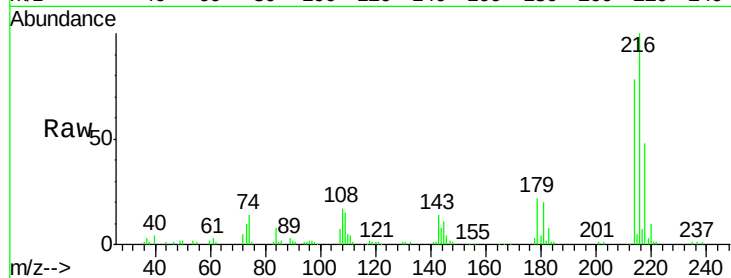
Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.2

179 22.4 16.7 25.1

108 19.7 14.0 21.0

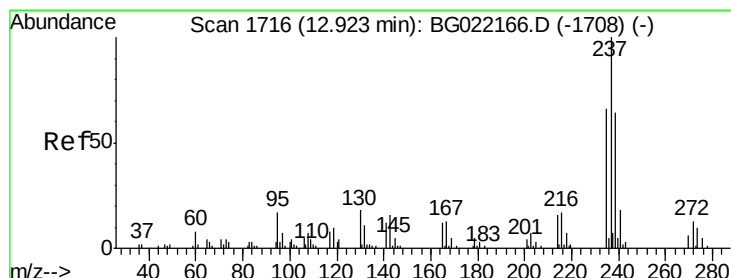
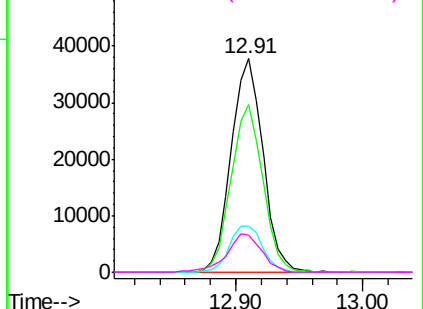
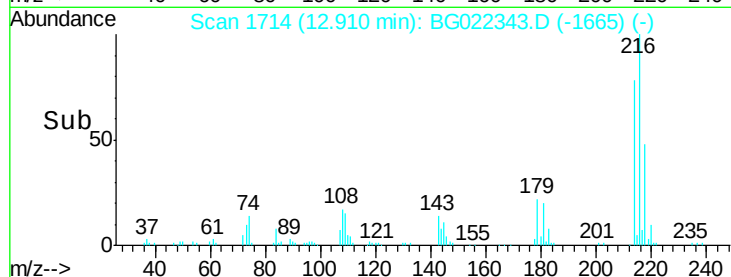


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.88 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

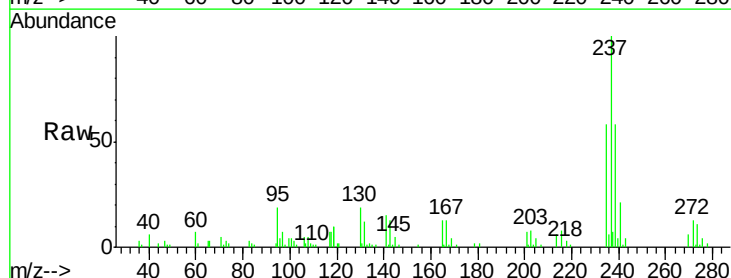
Tgt Ion:237 Resp: 37985

Ion Ratio Lower Upper

237 100

235 58.2 43.2 83.2

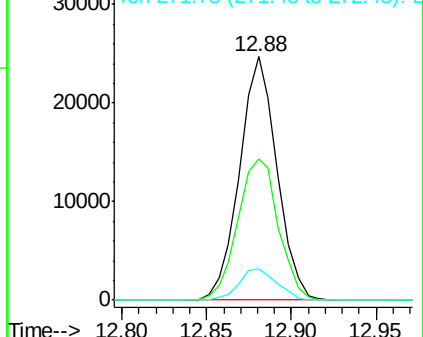
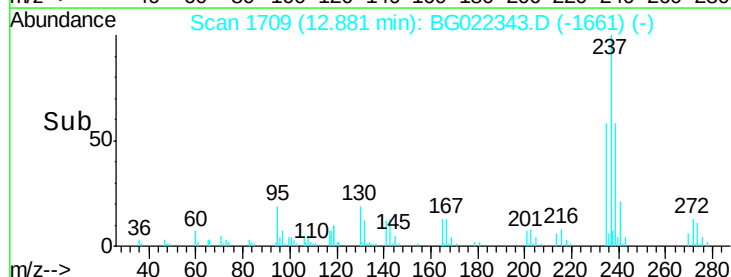
272 12.5 0.0 33.4

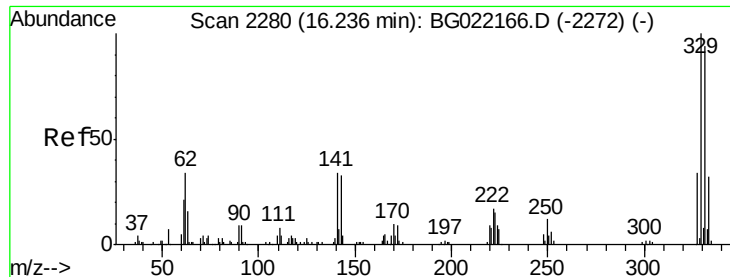


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

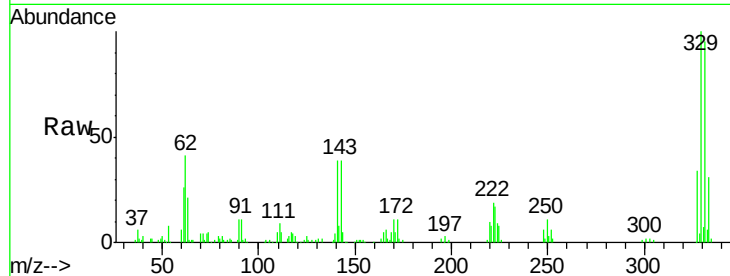




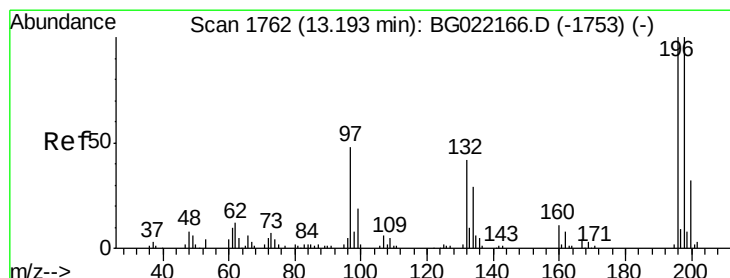
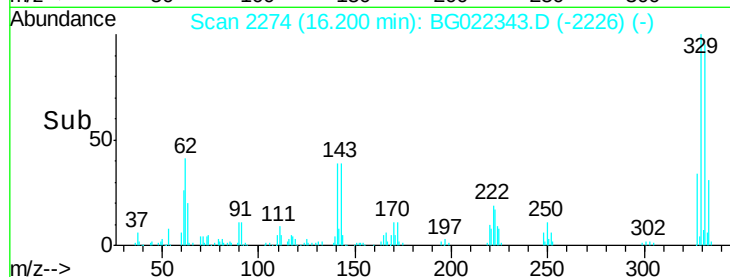
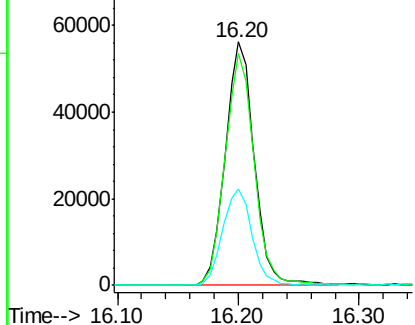
#41
 2,4,6-Tribromophenol
 Concen: 109.54 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tot Ion:330 Resp: 93814
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.0 117.0
 141 40.1 33.8 50.8

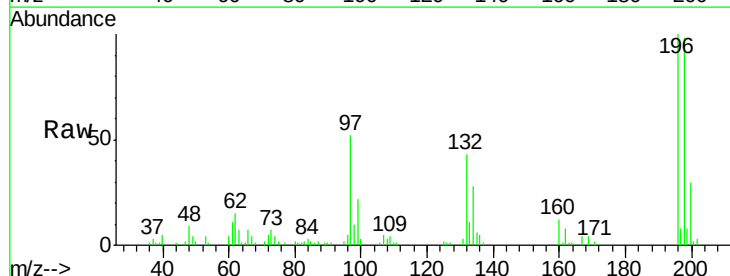


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

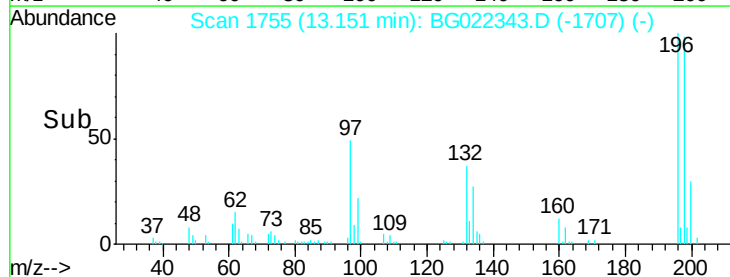
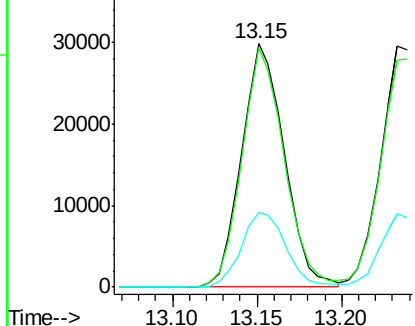


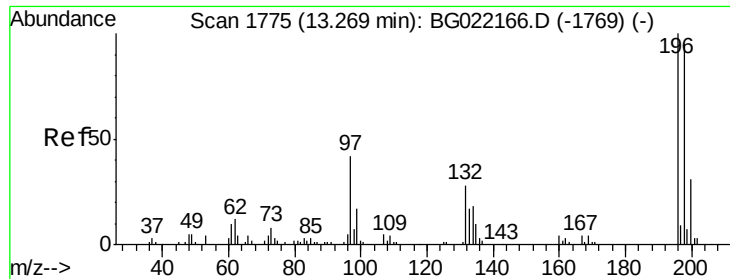
#42
 2,4,6-Trichlorophenol
 Concen: 39.95 ng
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:196 Resp: 52286
 Ion Ratio Lower Upper
 196 100
 198 98.4 80.1 120.1
 200 32.2 24.1 36.1



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

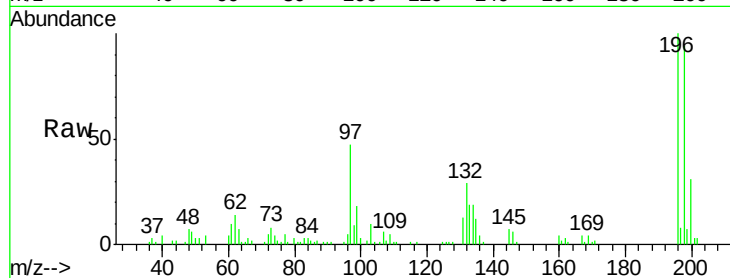




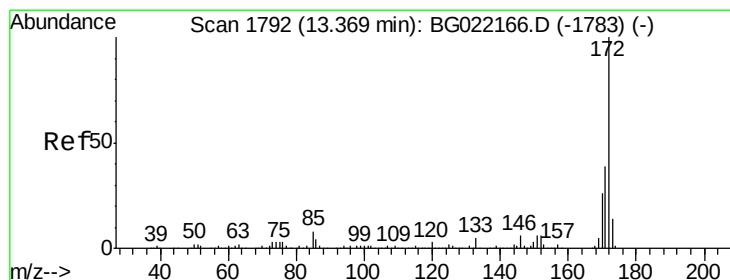
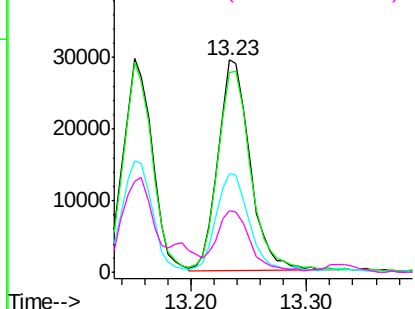
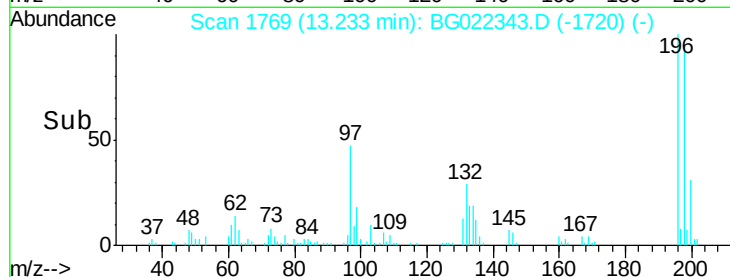
#43
 2,4,5-Trichlorophenol
 Concen: 39.32 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampled :
 PB91291BS

Tot Ion:196 Resp: 56853
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.0 117.0
 97 46.6 43.0 64.6
 132 29.1 23.0 34.4

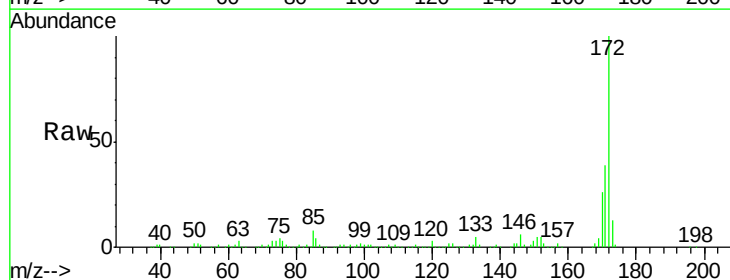


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

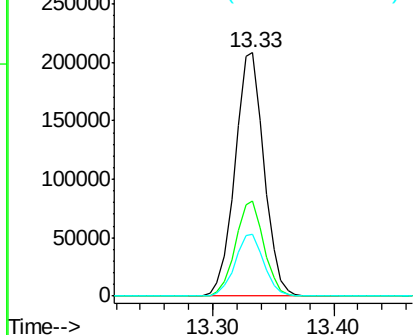
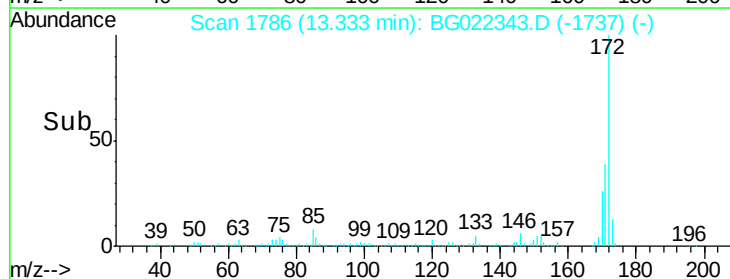


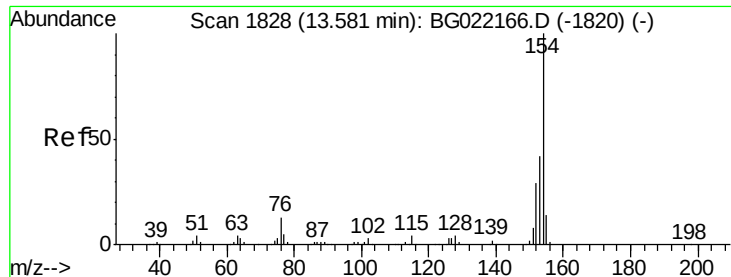
#44
 2-Fluorobiphenyl
 Concen: 70.05 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:172 Resp: 348406
 Ion Ratio Lower Upper
 172 100
 171 39.0 27.8 41.6
 170 25.6 19.6 29.4



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

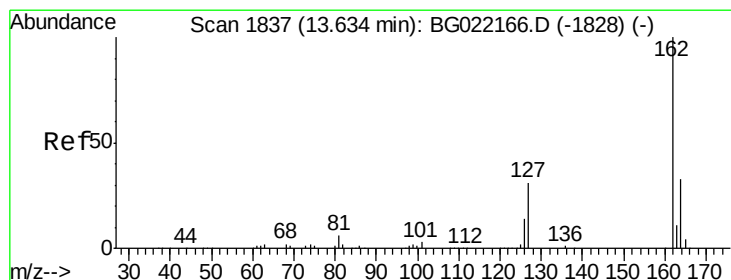
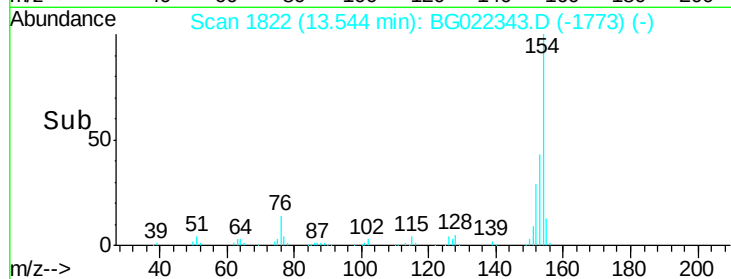
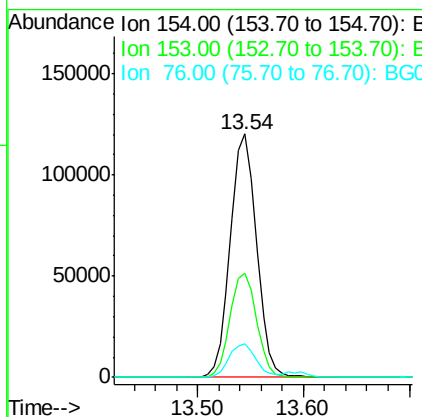
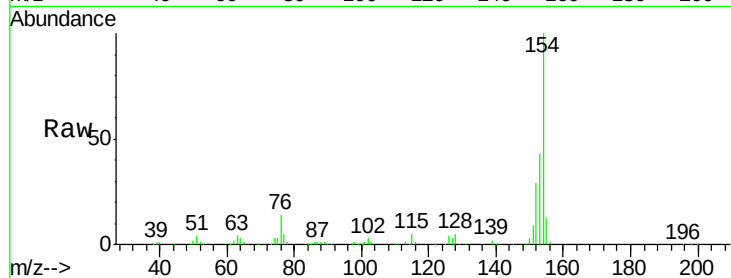




#45
 1,1'-Biphenyl
 Concen: 36.24 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

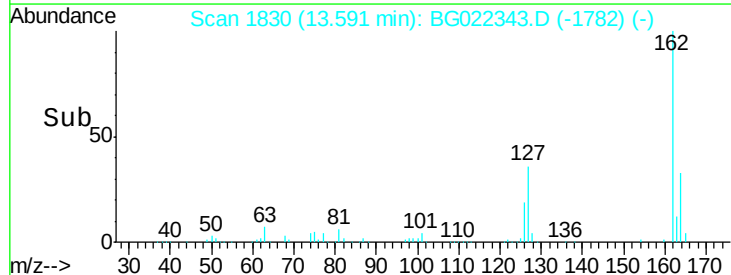
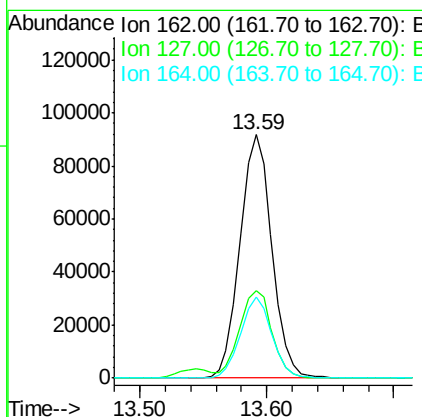
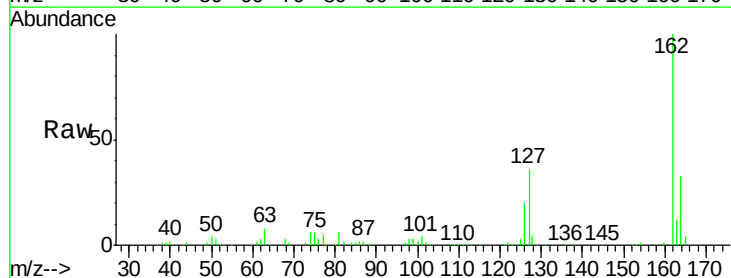
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

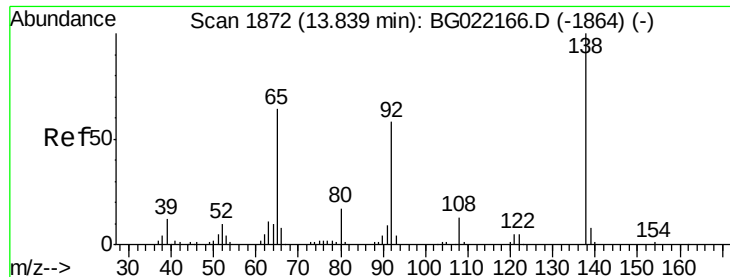
Tot Ion:154 Resp: 206729
 Ion Ratio Lower Upper
 154 100
 153 43.0 19.7 59.7
 76 14.0 0.0 33.0



#46
 2-Chloronaphthalene
 Concen: 36.59 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:162 Resp: 159984
 Ion Ratio Lower Upper
 162 100
 127 35.8 32.0 48.0
 164 33.4 27.0 40.4





#47

2-Nitroaniline

Concen: 42.84 ng

RT: 13.80 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

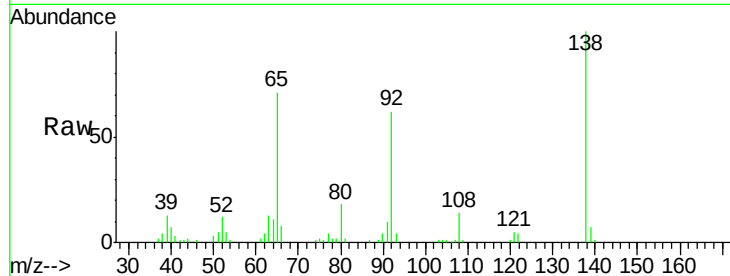
Tot Ion: 65 Resp: 44662

Ion Ratio Lower Upper

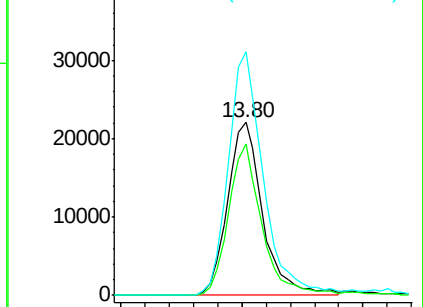
65 100

92 87.6 49.2 73.8#

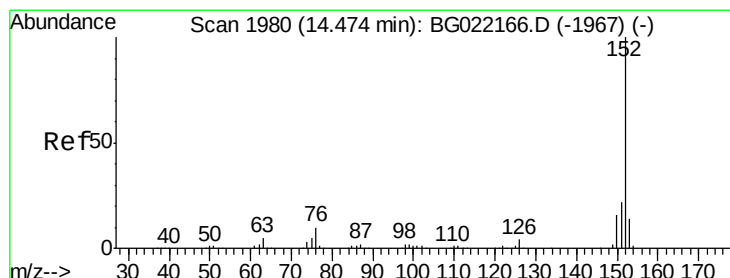
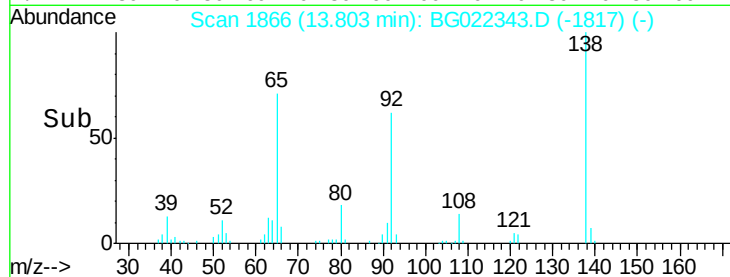
138 140.7 75.0 112.6#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time--> 13.70 13.80 13.90



#48

Acenaphthylene

Concen: 37.11 ng

RT: 14.44 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

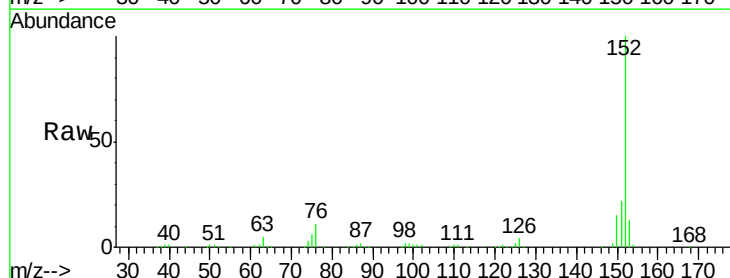
Tgt Ion: 152 Resp: 284673

Ion Ratio Lower Upper

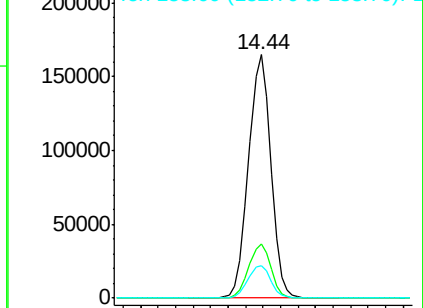
152 100

151 22.1 16.6 24.8

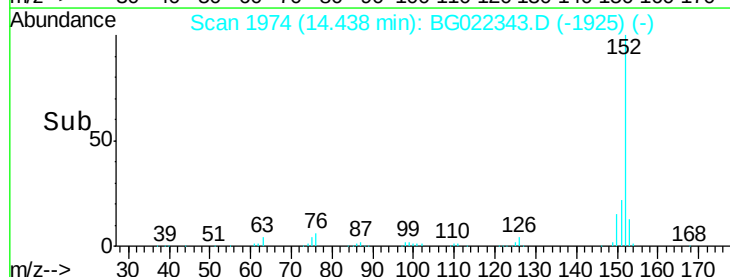
153 13.4 10.2 15.2

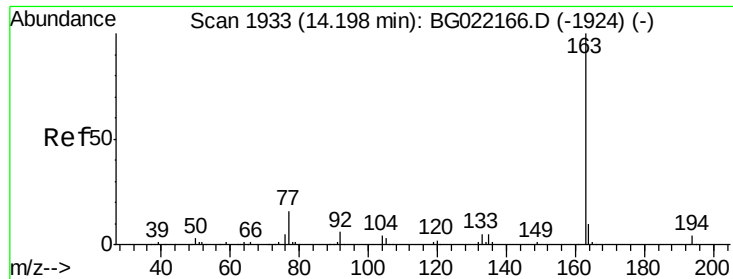


Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC



Time--> 14.30 14.40 14.50





#49

Dimethylphthalate

Concen: 35.99 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

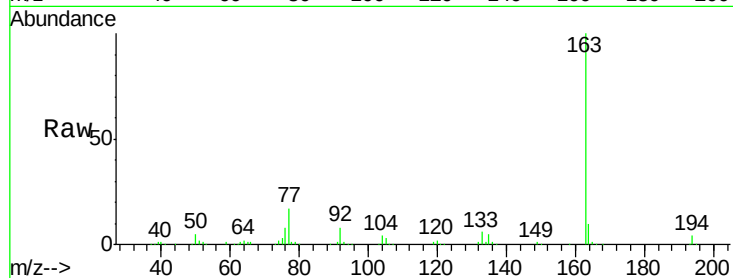
Tot Ion:163 Resp: 226140

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

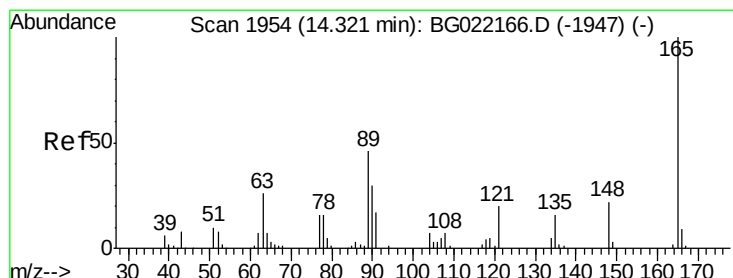
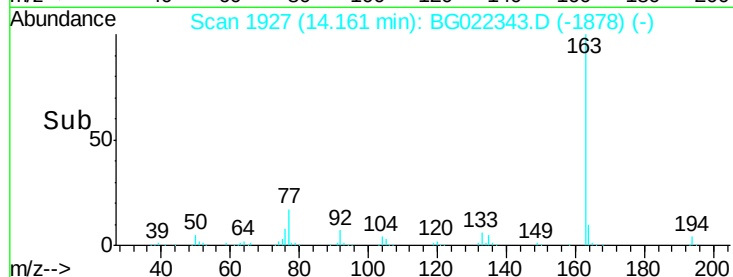
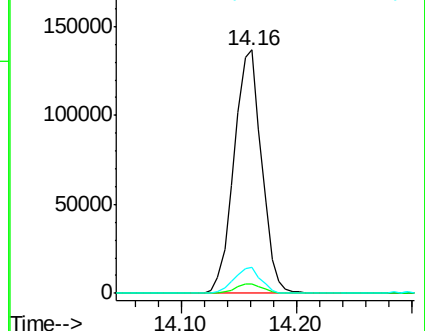
164 10.5 8.1 12.1



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: 38.14 ng

RT: 14.29 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

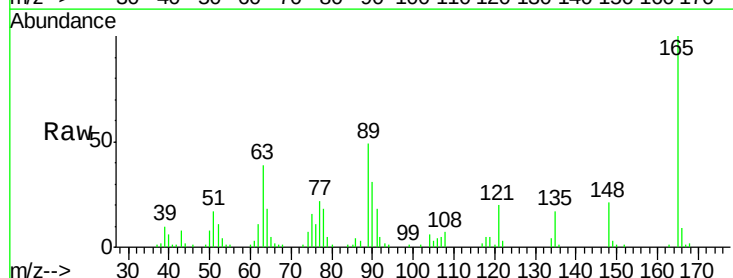
Tgt Ion:165 Resp: 52105

Ion Ratio Lower Upper

165 100

63 38.7 48.2 72.4#

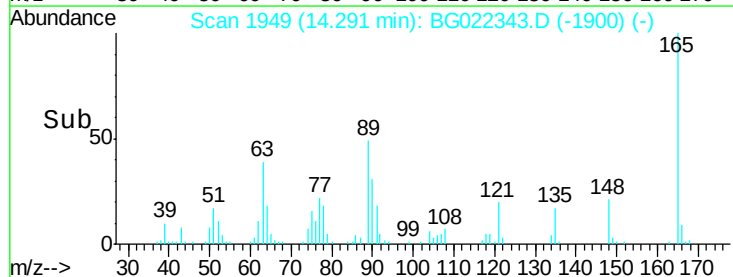
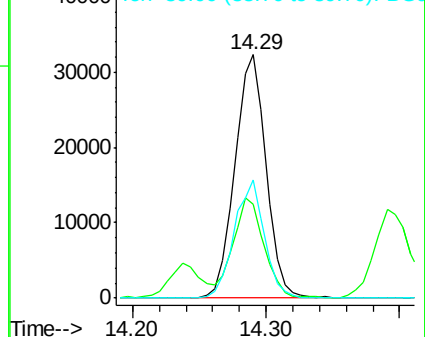
89 48.5 45.3 67.9

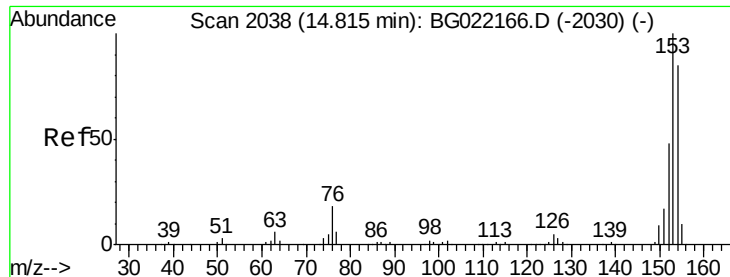


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.37 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

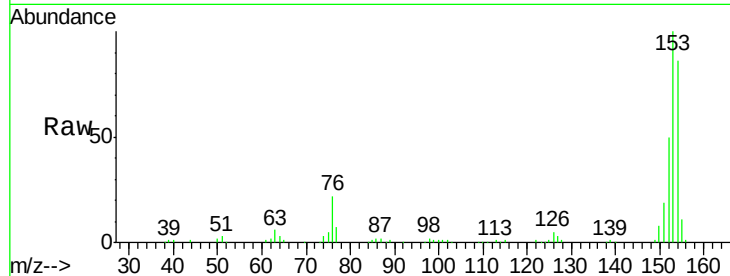
Tot Ion:154 Resp: 167153

Ion Ratio Lower Upper

154 100

153 116.6 91.9 137.9

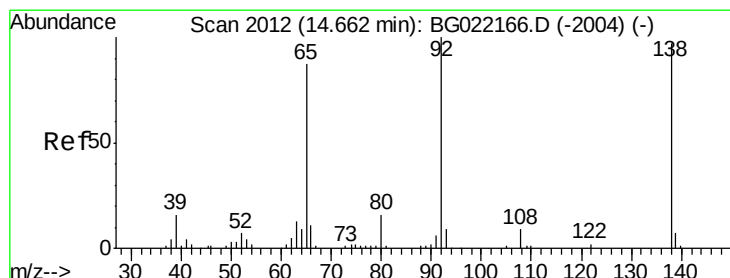
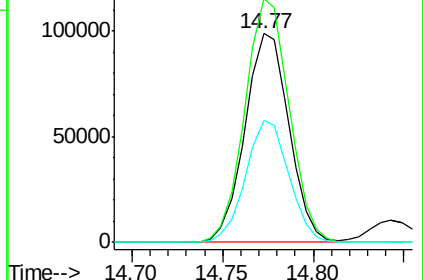
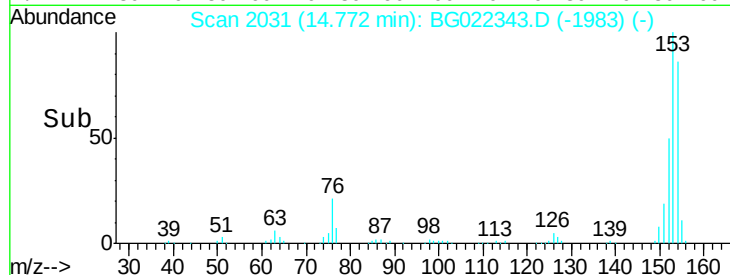
152 58.4 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.24 ng

RT: 14.63 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

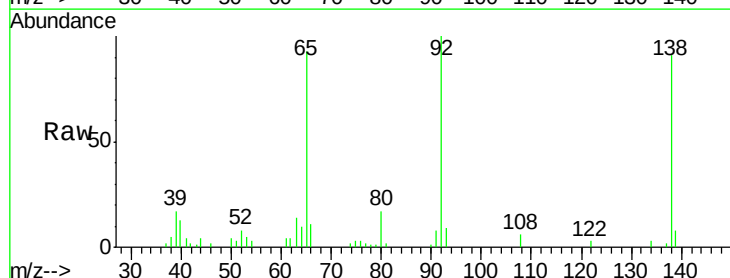
Tgt Ion:138 Resp: 26122

Ion Ratio Lower Upper

138 100

108 7.0 9.1 13.7#

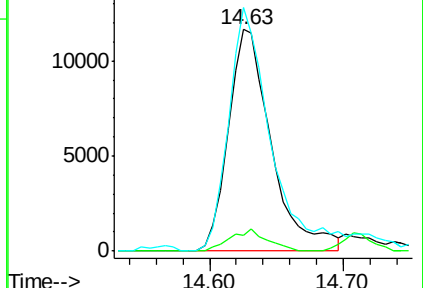
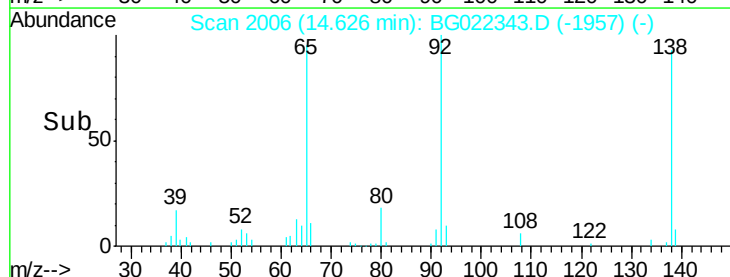
92 109.9 102.6 154.0

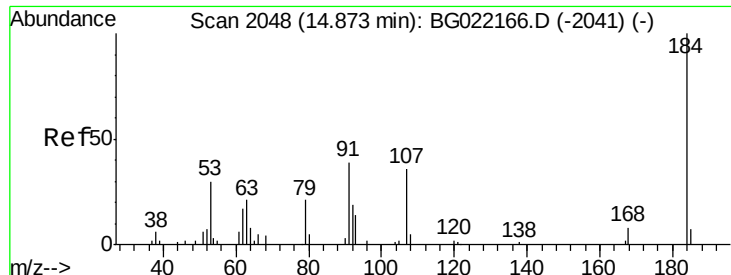


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

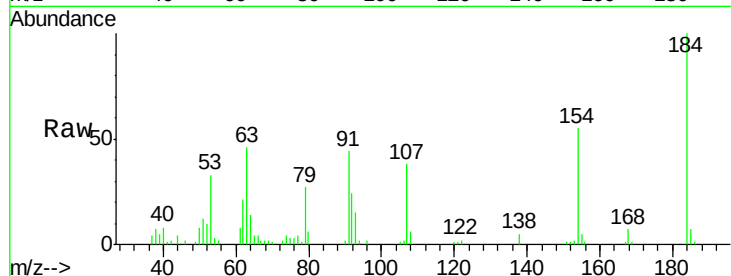




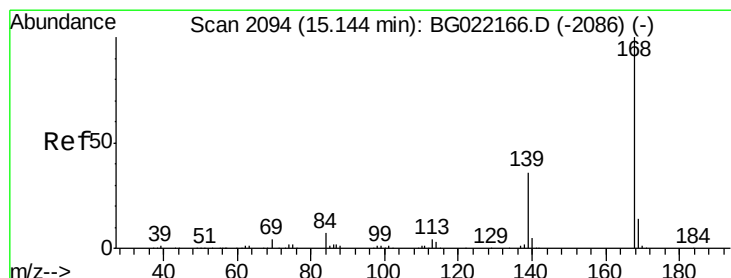
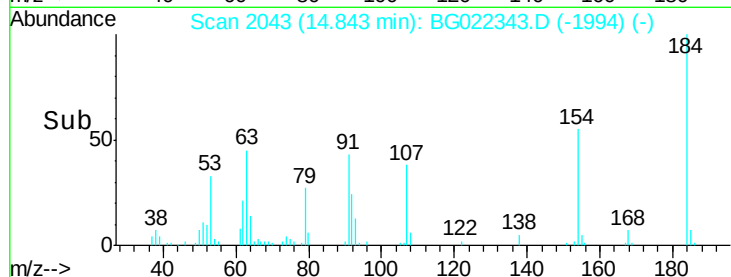
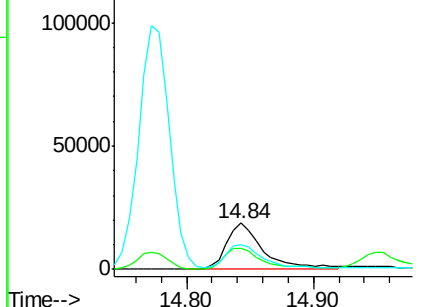
#53
 2,4-Dinitrophenol
 Concen: 69.22 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tot Ion:184 Resp: 37666
 Ion Ratio Lower Upper
 184 100
 63 46.3 57.3 85.9#
 154 55.0 55.2 82.8#

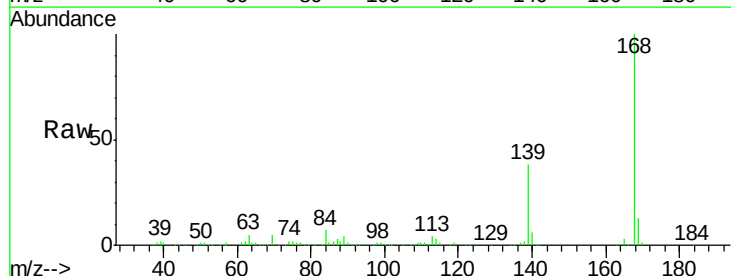


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

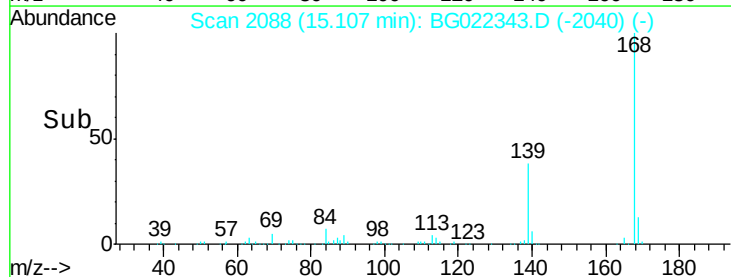
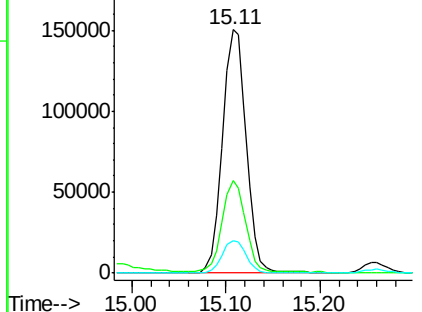


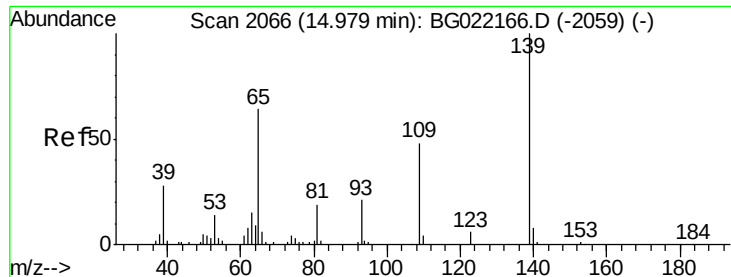
#54
 Dibenzofuran
 Concen: 36.94 ng
 RT: 15.11 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:168 Resp: 264928
 Ion Ratio Lower Upper
 168 100
 139 38.2 31.1 46.7
 169 13.3 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

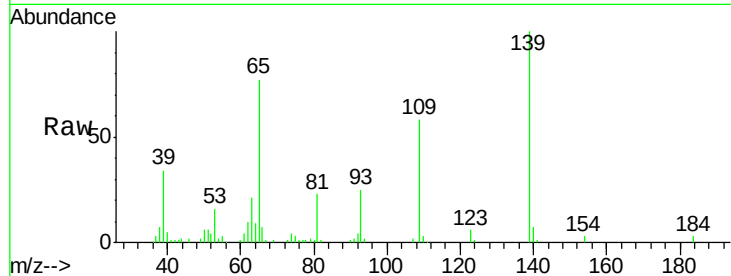




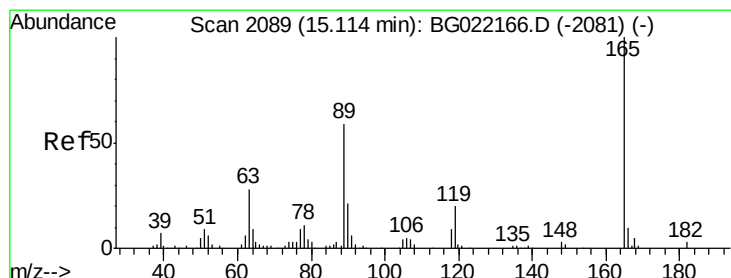
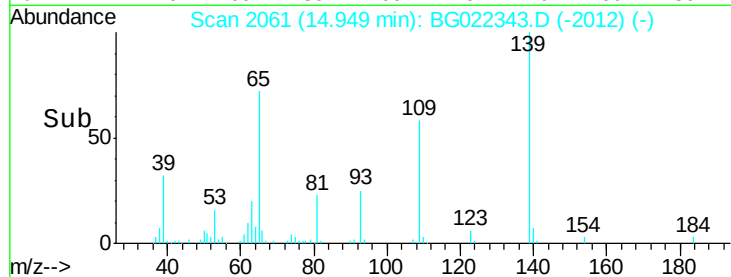
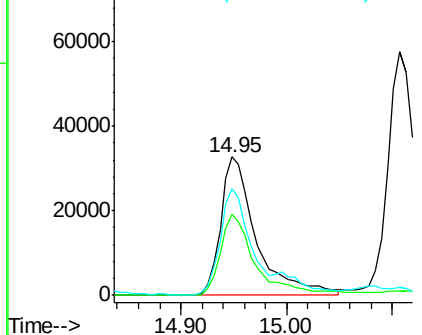
#55
4-Nitrophenol
Concen: 72.91 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Instrument :
BNA_G
ClientSampleId :
PB91291BS

Tot Ion:139 Resp: 76242
Ion Ratio Lower Upper
139 100
109 58.3 49.2 89.2
65 77.4 83.2 123.2#



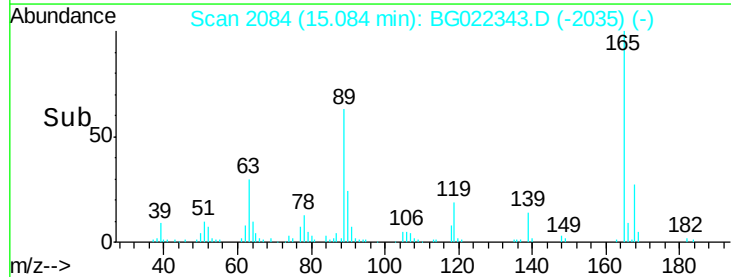
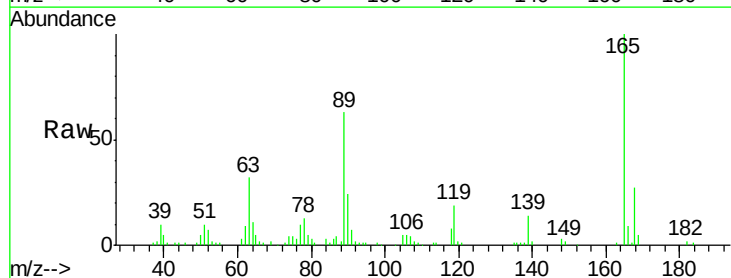
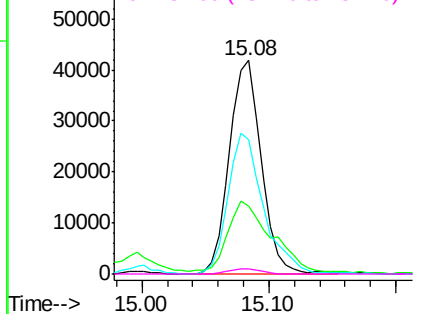
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

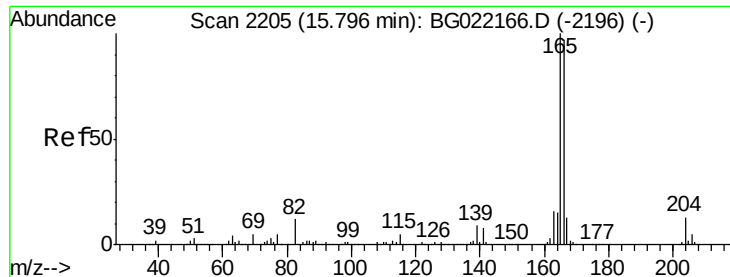


#56
2,4-Dinitrotoluene
Concen: 39.93 ng
RT: 15.08 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:165 Resp: 73176
Ion Ratio Lower Upper
165 100
63 31.8 37.4 56.0#
89 63.0 59.4 89.0
182 2.5 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

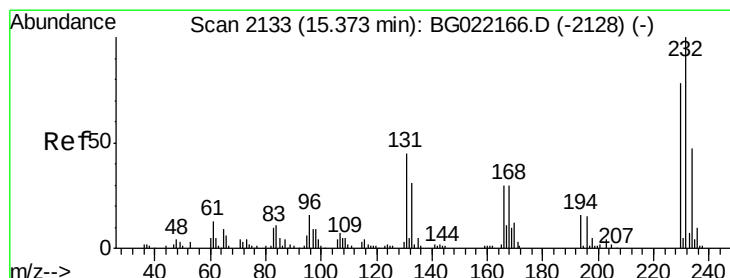
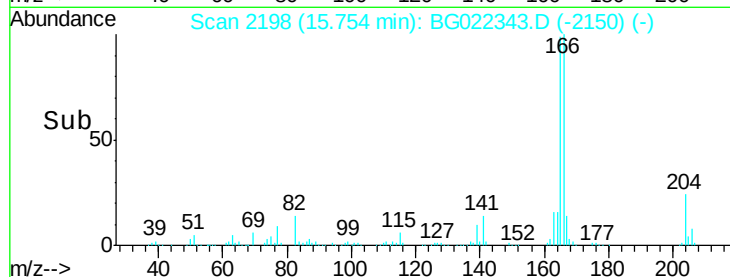
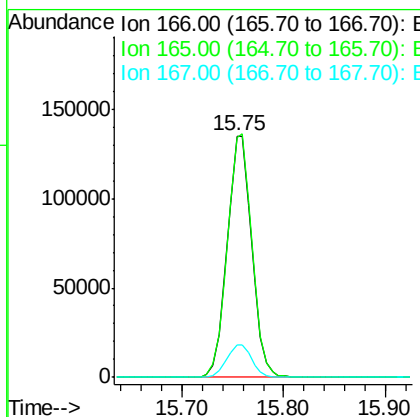
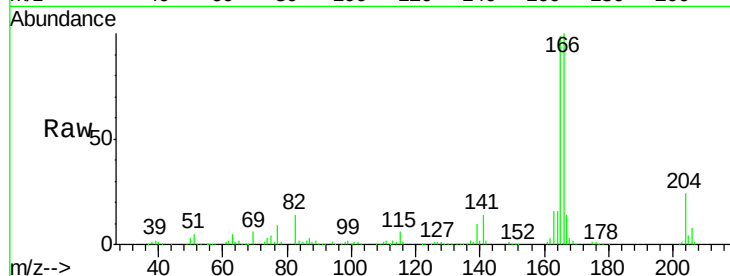




#57
 Fluorene
 Concen: 36.73 ng
 RT: 15.75 min Scan# 2198
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

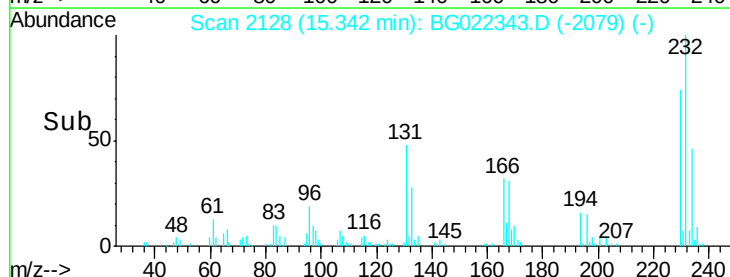
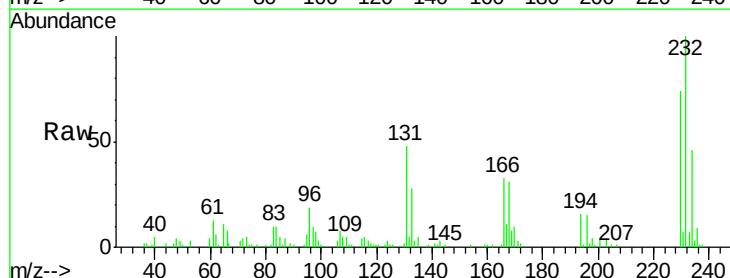
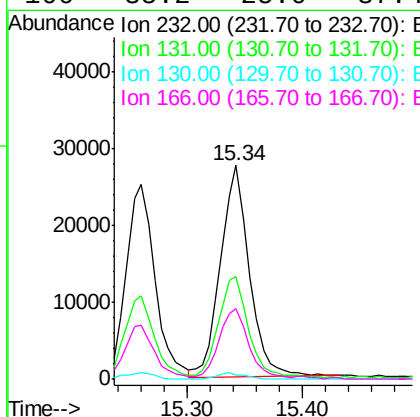
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

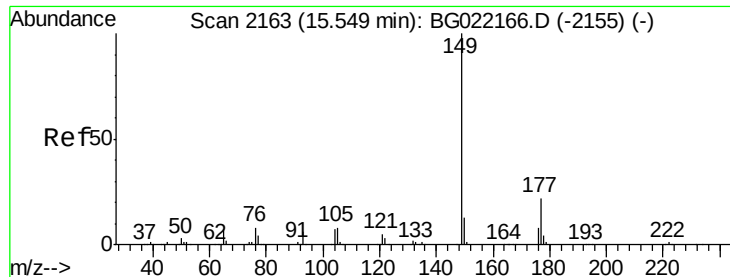
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	13.7	10.7	16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.87 ng
 RT: 15.34 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	36.3	54.5
130	2.6	1.9	2.9
166	35.2	25.0	37.4





#59

Diethylphthalate

Concen: 36.40 ng

RT: 15.51 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

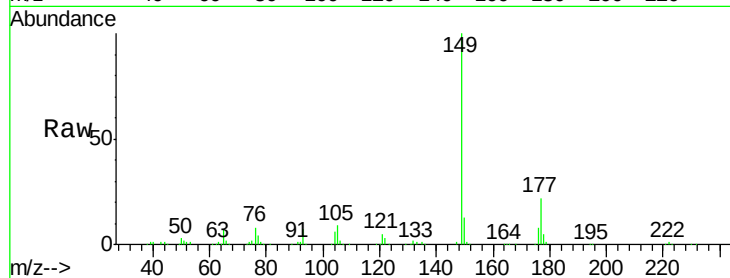
Tot Ion:149 Resp: 244314

Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

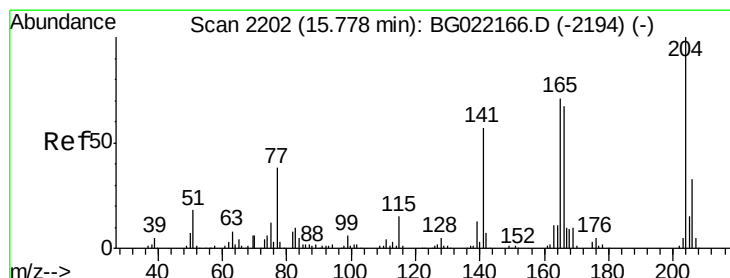
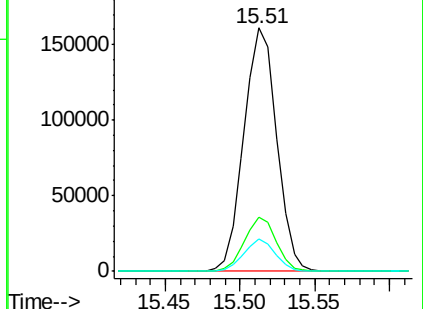
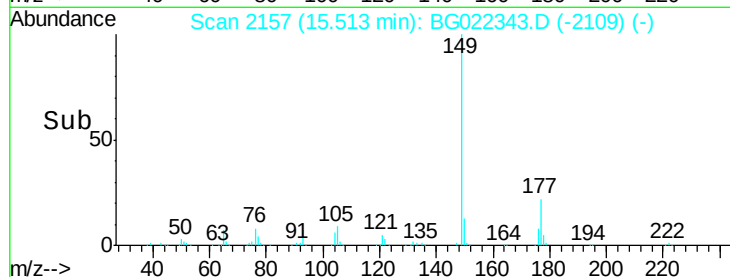
150 13.3 9.7 14.5



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: 35.52 ng

RT: 15.74 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

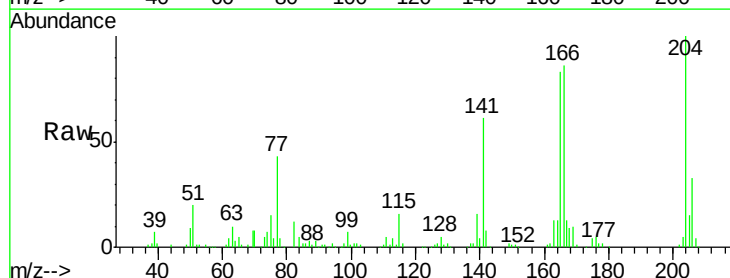
Tgt Ion:204 Resp: 99390

Ion Ratio Lower Upper

204 100

206 33.0 27.8 41.8

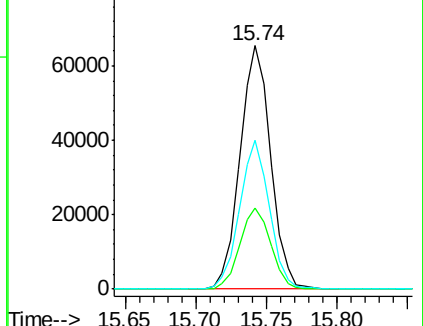
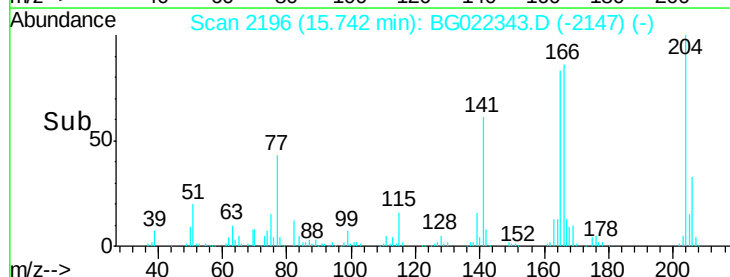
141 61.4 51.0 76.4

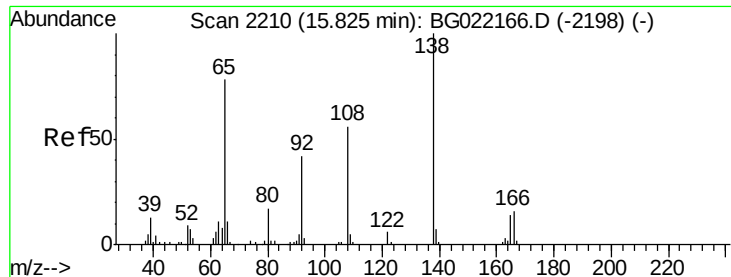


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

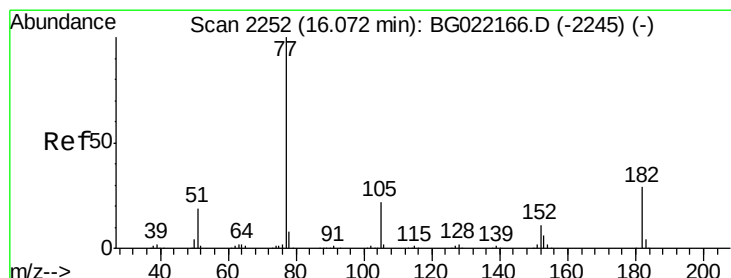
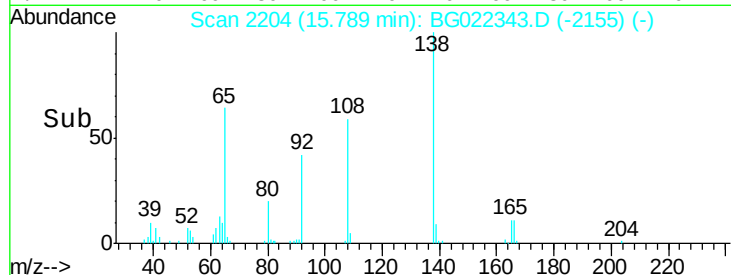
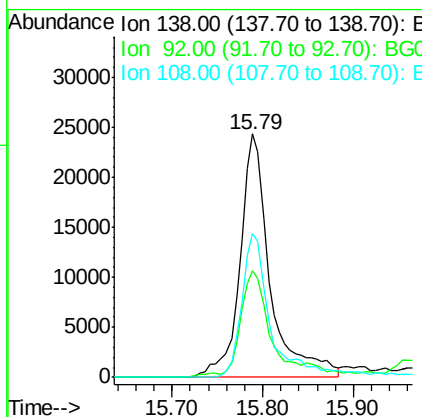
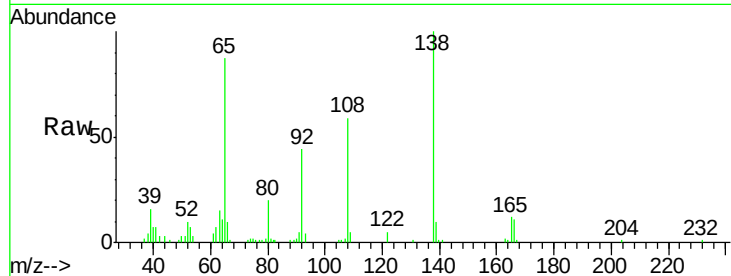




#61
4-Nitroaniline
Concen: 34.93 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

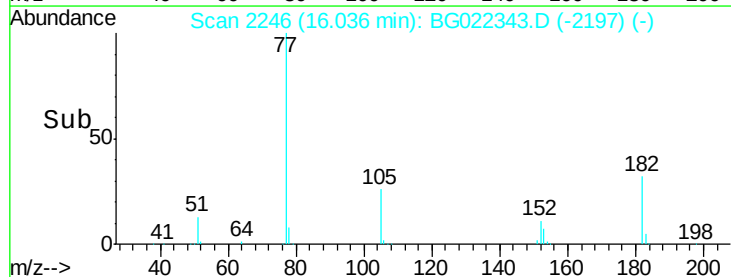
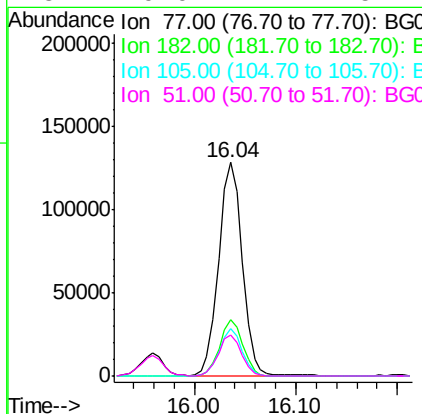
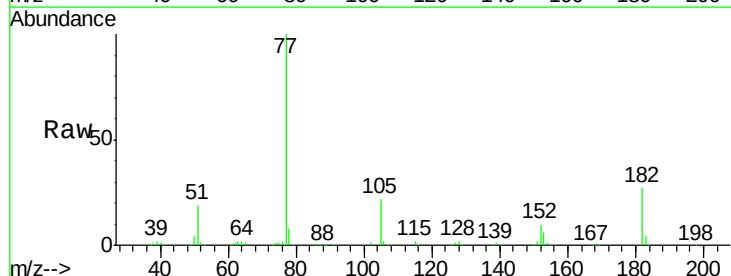
Instrument :
BNA_G
ClientSampleId :
PB91291BS

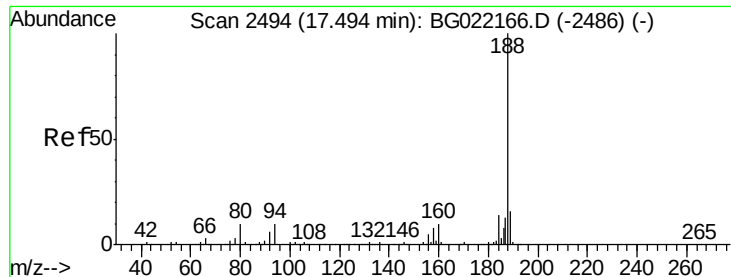
Tot Ion:138 Resp: 56141
Ion Ratio Lower Upper
138 100
92 43.7 37.7 77.7
108 58.8 59.4 99.4#



#62
Azobenzene
Concen: 40.87 ng
RT: 16.04 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion: 77 Resp: 207764
Ion Ratio Lower Upper
77 100
182 26.5 4.1 44.1
105 21.9 0.0 39.8
51 19.0 11.1 51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.46 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

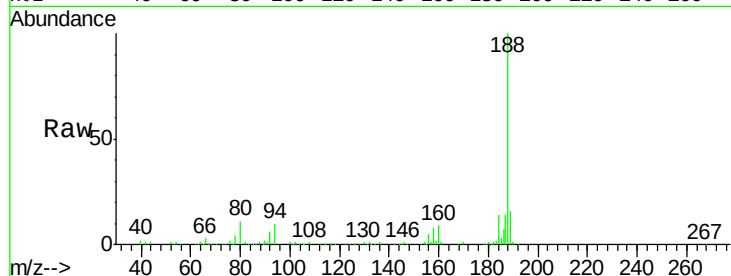
Tot Ion:188 Resp: 187781

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

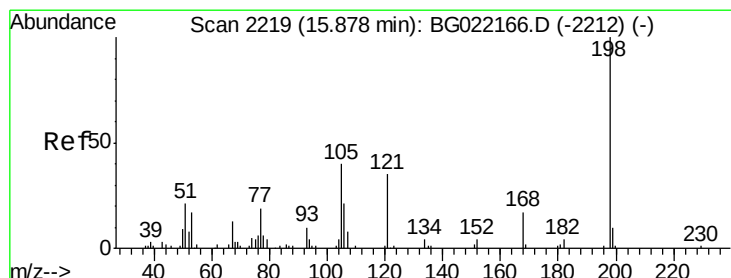
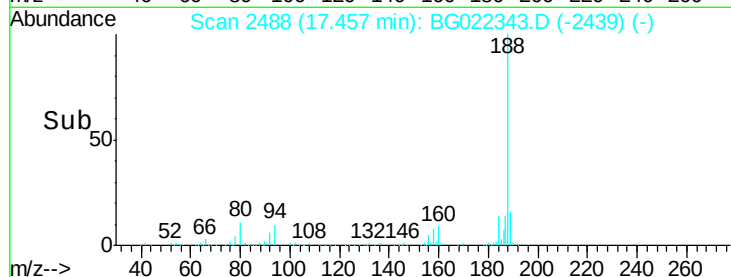
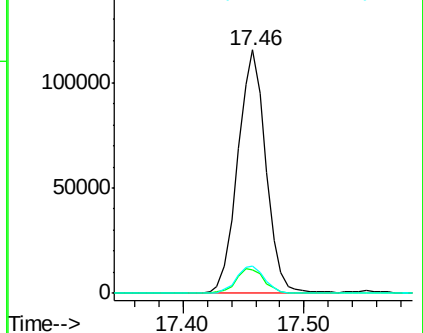
80 11.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

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: 38.59 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

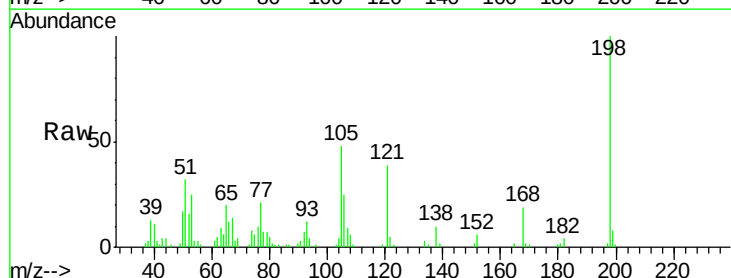
Tgt Ion:198 Resp: 35588

Ion Ratio Lower Upper

198 100

51 32.1 29.2 69.2

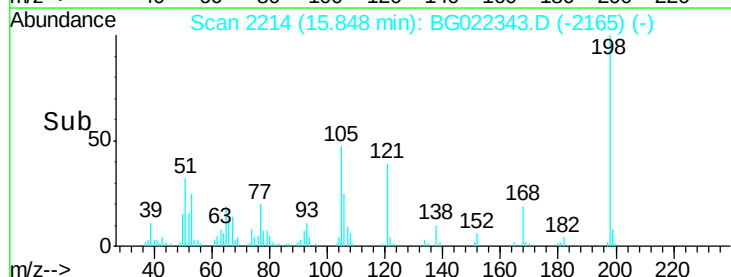
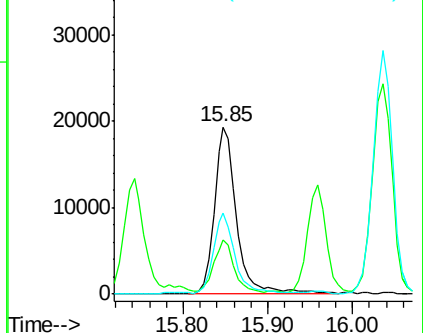
105 48.1 24.0 64.0

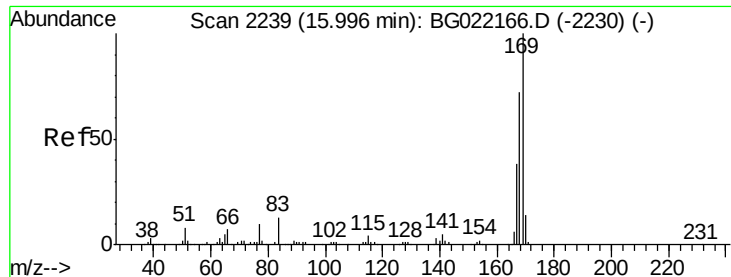


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

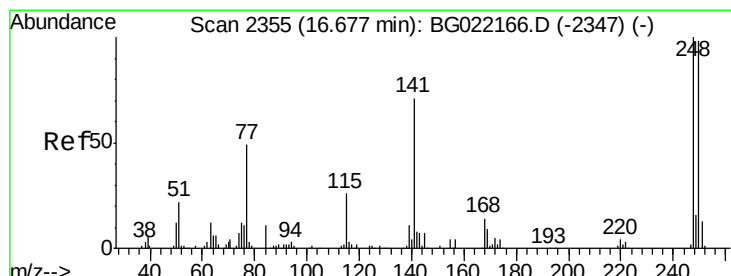
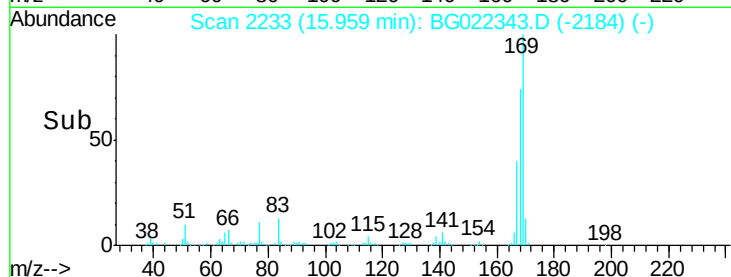
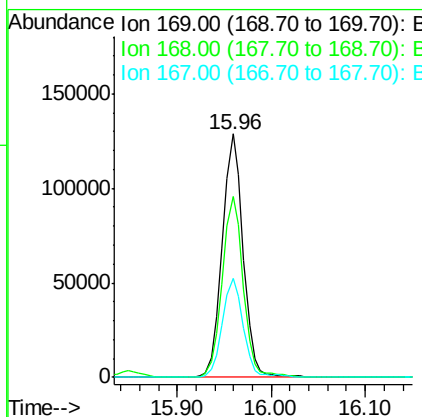
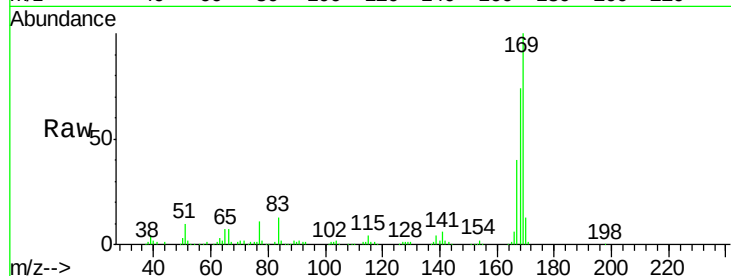




#65
n-Nitrosodiphenylamine
Concen: 36.93 ng
RT: 15.96 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

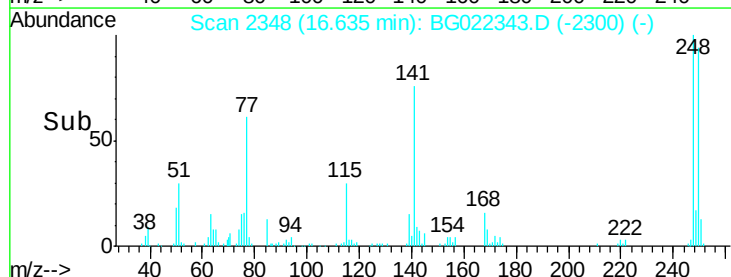
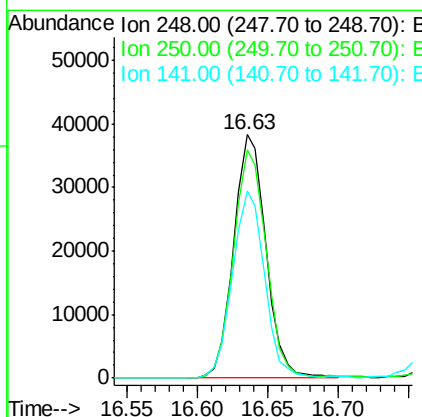
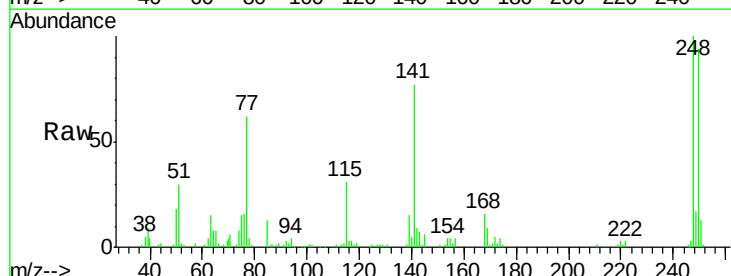
Instrument :
BNA_G
ClientSampleId :
PB91291BS

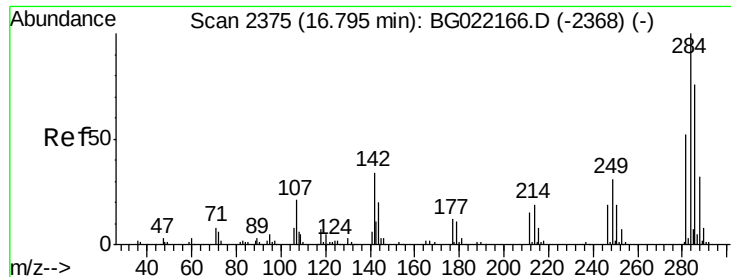
Tot Ion:169 Resp: 199768
Ion Ratio Lower Upper
169 100
168 74.3 59.6 89.4
167 40.4 31.2 46.8



#66
4-Bromophenyl-phenylether
Concen: 34.74 ng
RT: 16.63 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:248 Resp: 61134
Ion Ratio Lower Upper
248 100
250 93.8 76.6 114.8
141 76.7 63.8 95.6





#67

Hexachlorobenzene

Concen: 32.38 ng

RT: 16.76 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampled :

PB91291BS

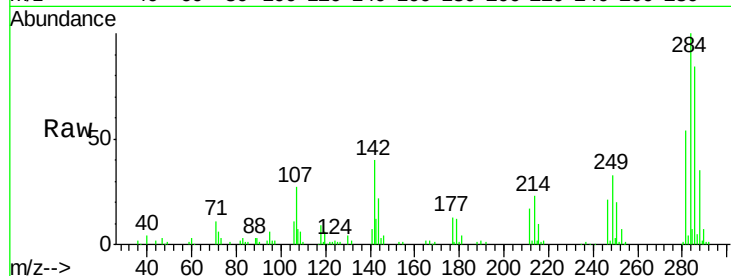
Tot Ion:284 Resp: 66409

Ion Ratio Lower Upper

284 100

142 40.2 31.8 47.6

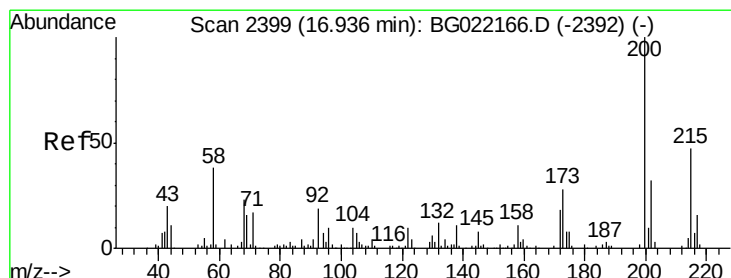
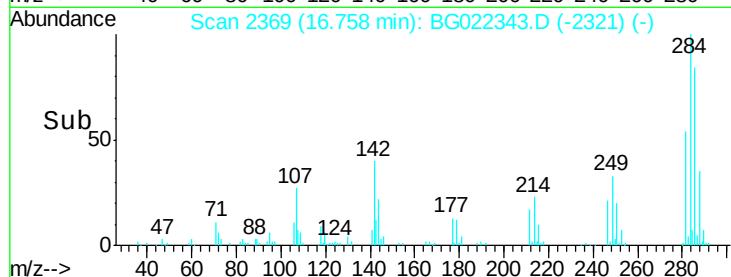
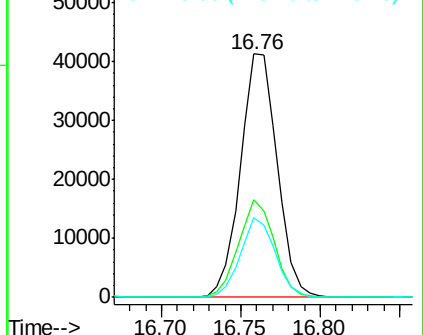
249 36.0 27.3 40.9



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: 35.22 ng

RT: 16.90 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

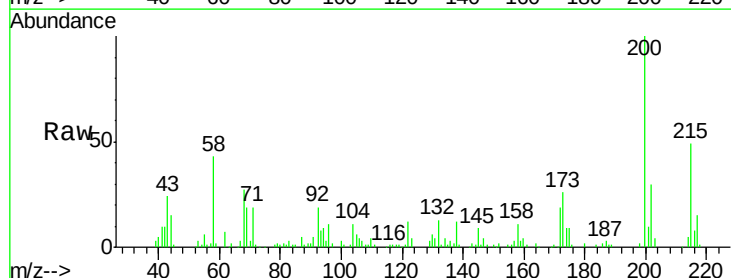
Tgt Ion:200 Resp: 70526

Ion Ratio Lower Upper

200 100

173 26.5 5.1 45.1

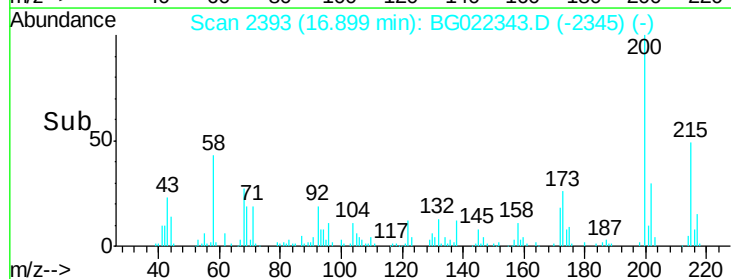
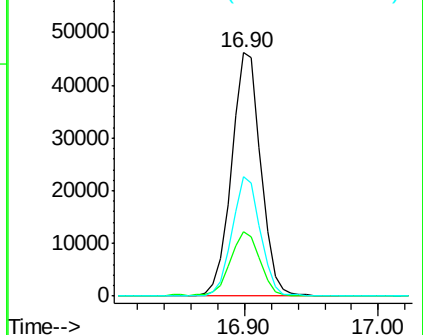
215 49.2 28.0 68.0

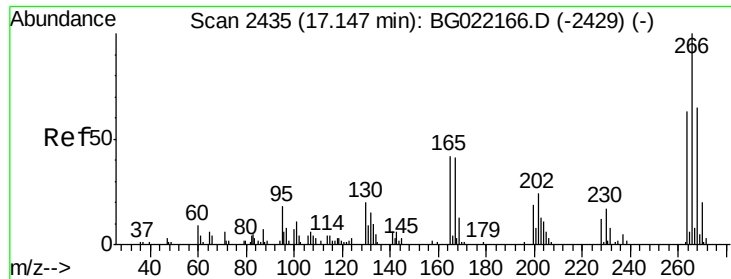


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

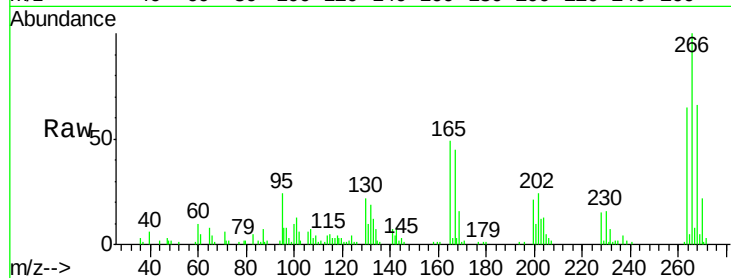




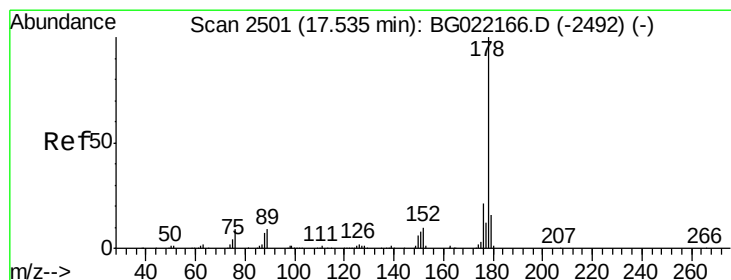
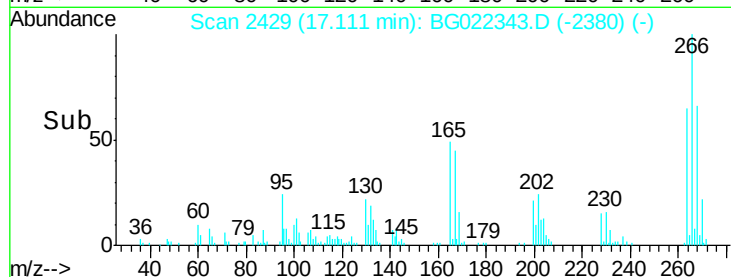
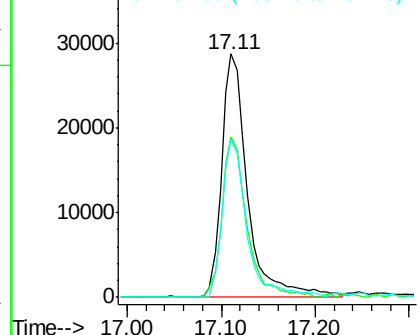
#69
 Pentachlorophenol
 Concen: 61.39 ng
 RT: 17.11 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	70.7	54.5	81.7
264	69.8	53.8	80.6

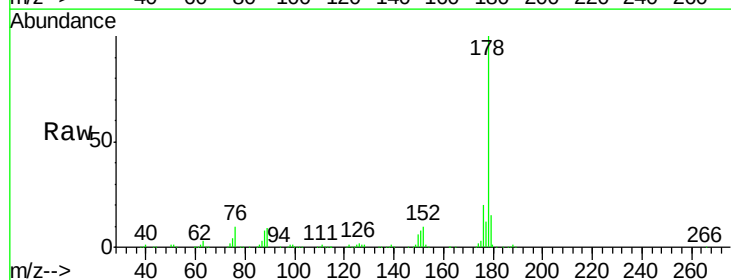


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

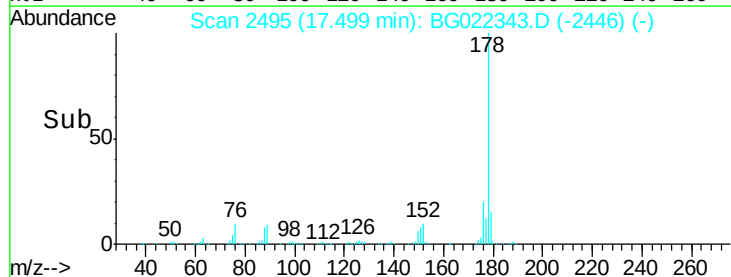
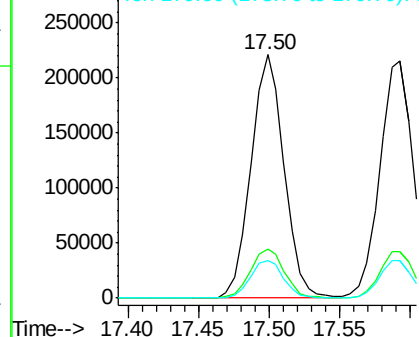


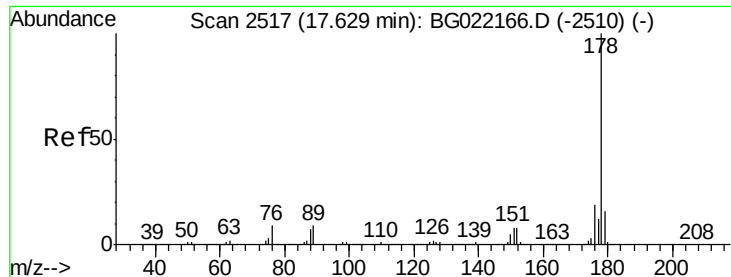
#70
 Phenanthrene
 Concen: 35.65 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.3	12.0	18.0



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

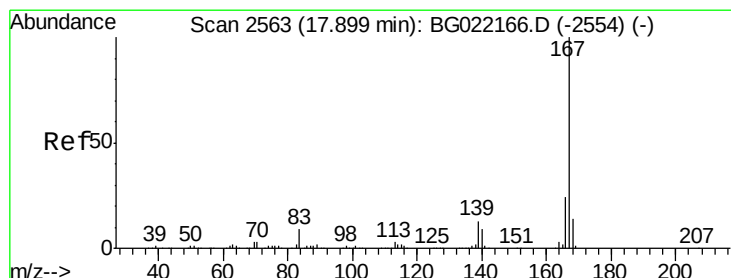
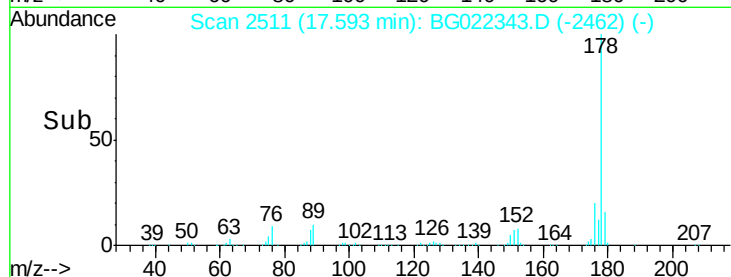
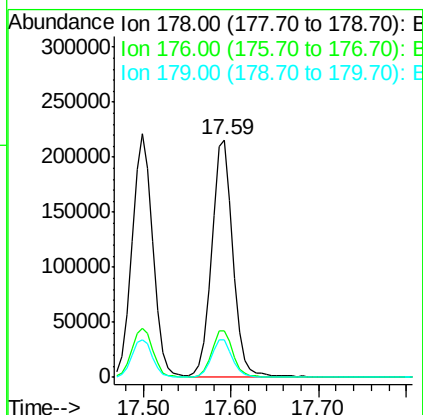
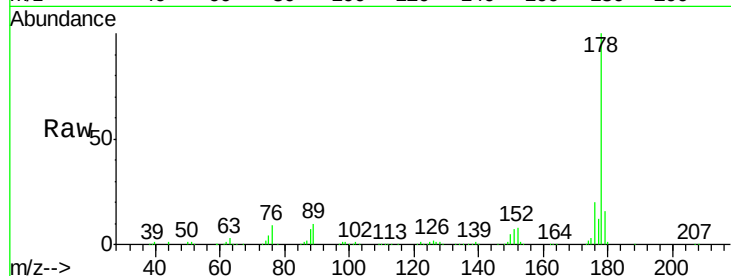




#71
 Anthracene
 Concen: 35.79 ng
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

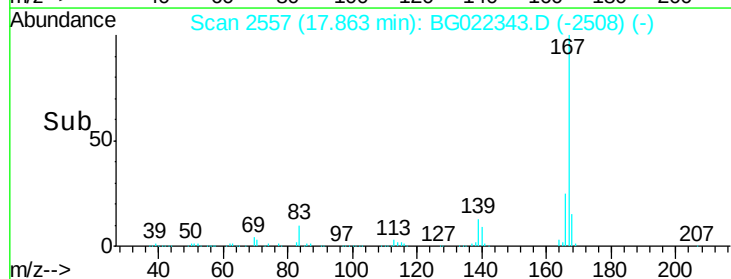
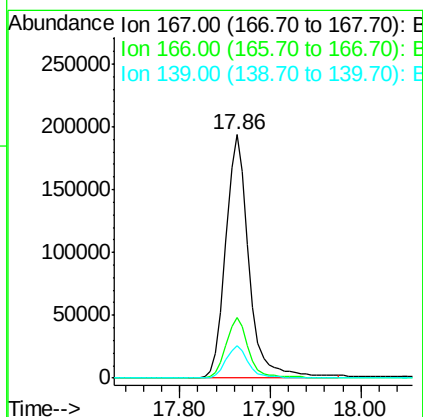
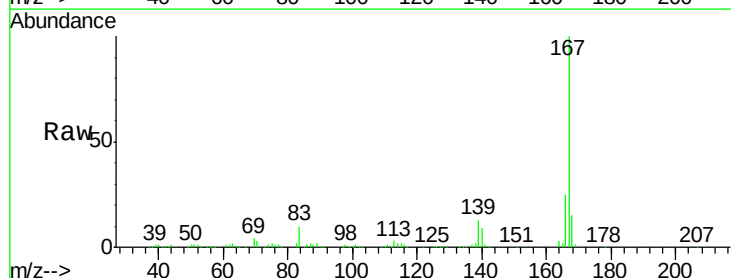
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

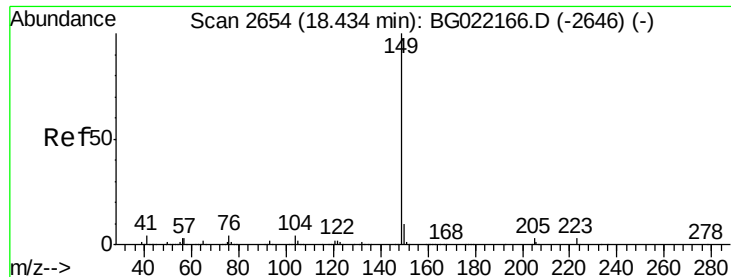
Tot Ion:178 Resp: 361994
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.0 22.4
 179 15.8 12.2 18.4



#72
 Carbazole
 Concen: 36.10 ng
 RT: 17.86 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:167 Resp: 345852
 Ion Ratio Lower Upper
 167 100
 166 25.1 18.6 27.8
 139 13.2 10.6 15.8





#73

Di-n-butylphthalate

Concen: 37.08 ng

RT: 18.40 min Scan# 2648

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

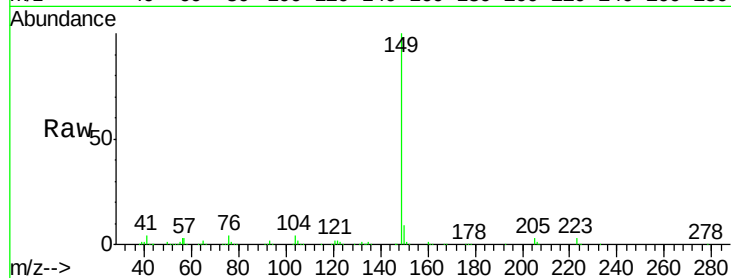
Tot Ion:149 Resp: 464456

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

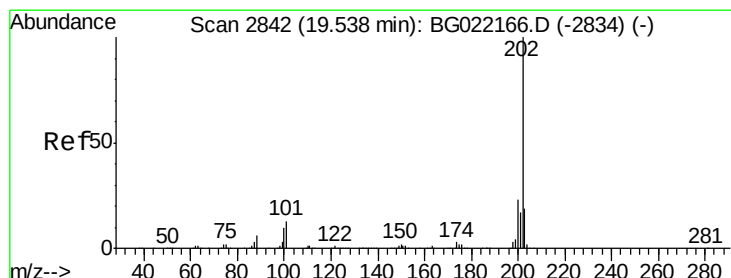
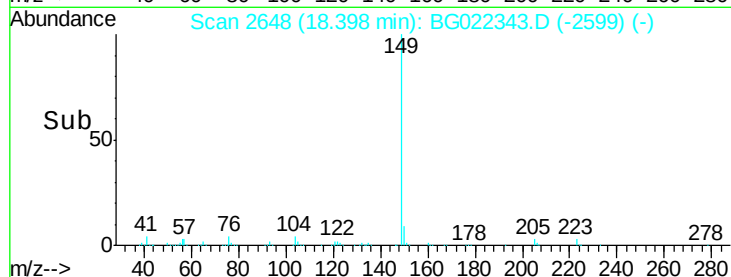
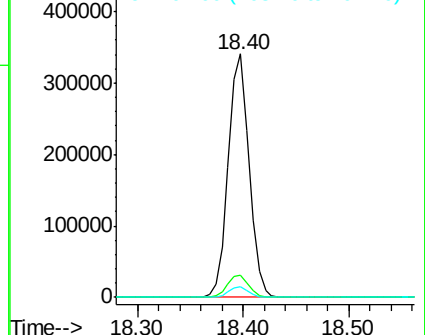
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.21 ng

RT: 19.50 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

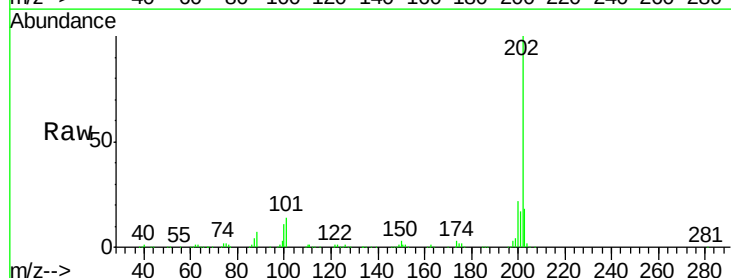
Tgt Ion:202 Resp: 412876

Ion Ratio Lower Upper

202 100

101 14.2 0.0 31.0

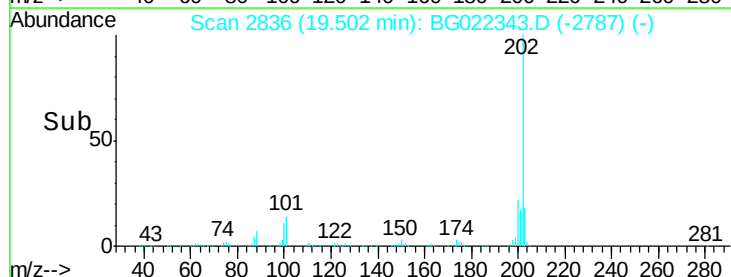
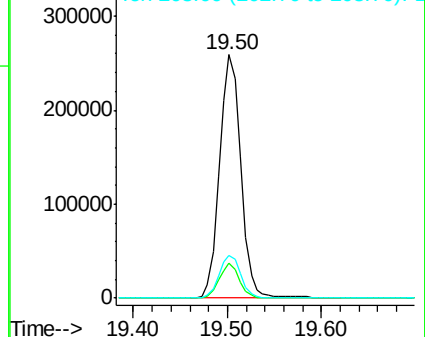
203 17.8 0.0 37.9

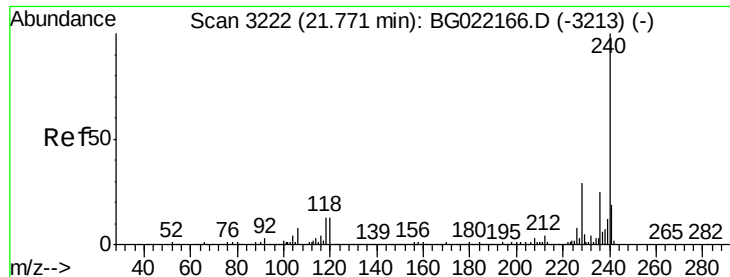


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

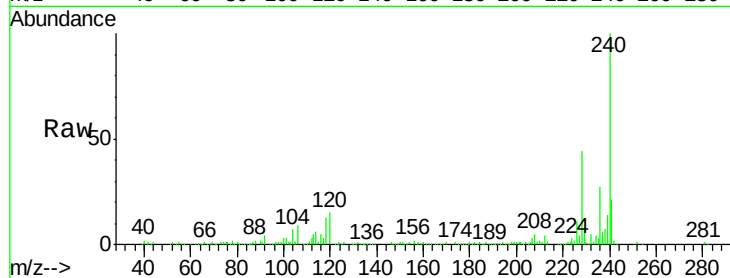
Tot Ion:240 Resp: 164565

Ion Ratio Lower Upper

240 100

120 14.8 8.4 12.6#

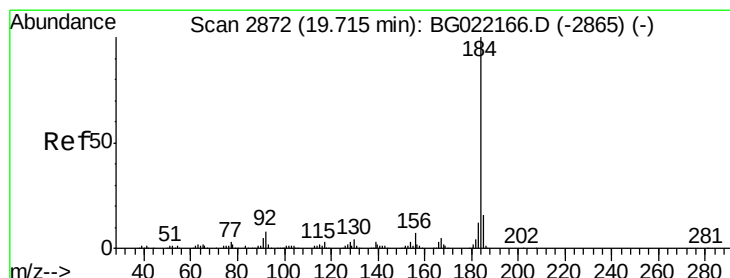
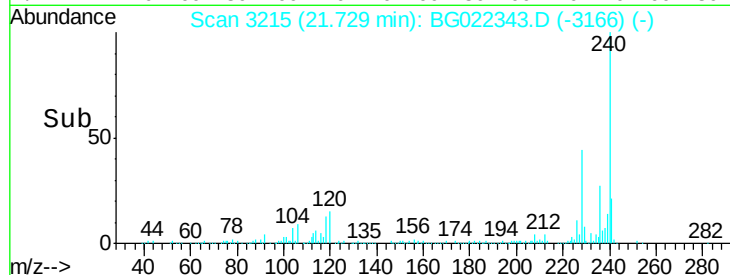
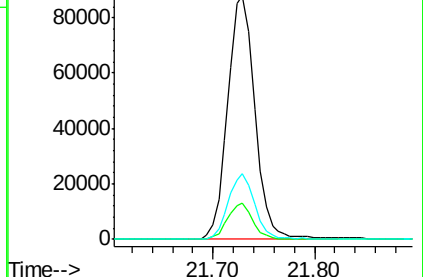
236 27.0 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.93 ng

RT: 19.68 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

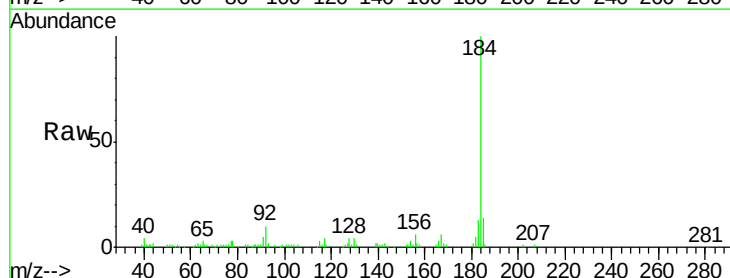
Tgt Ion:184 Resp: 115889

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

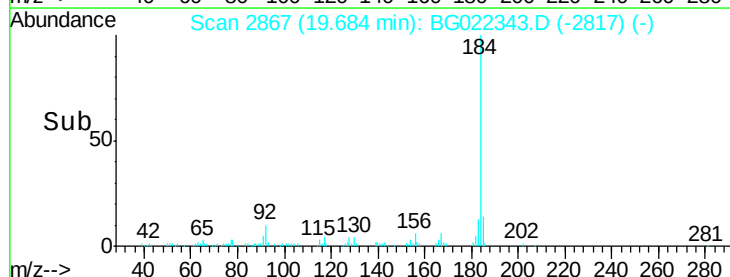
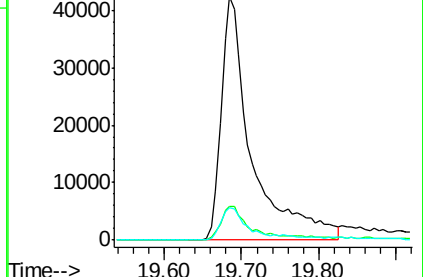
183 13.4 10.2 15.4

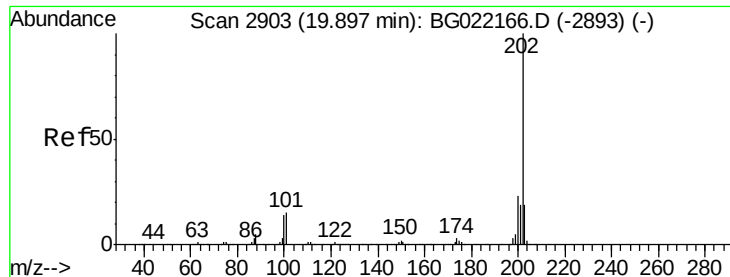


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.13 ng

RT: 19.87 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

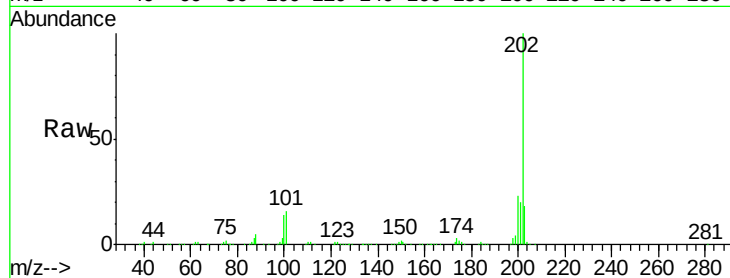
Tot Ion:202 Resp: 410555

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

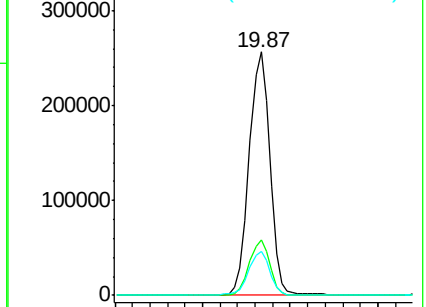
203 18.2 15.0 22.4



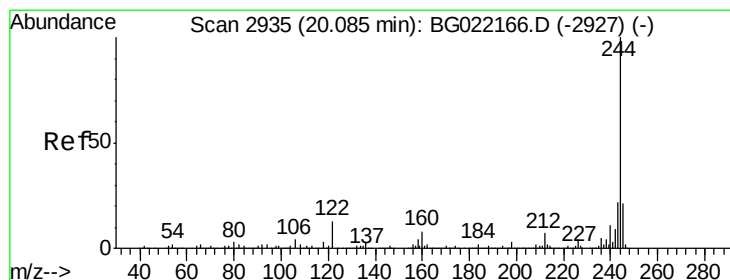
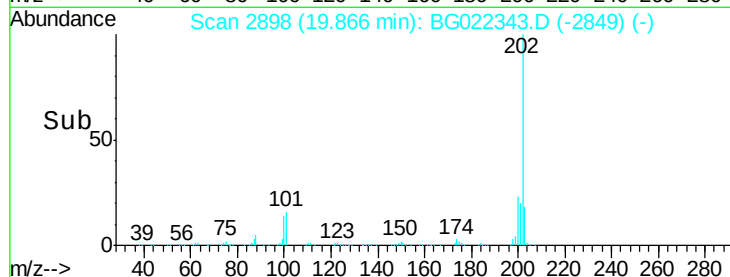
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90 20.00



#78

Terphenyl-d14

Concen: 76.58 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

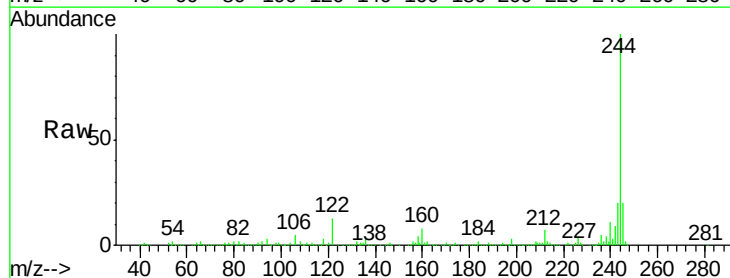
Tgt Ion:244 Resp: 530855

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

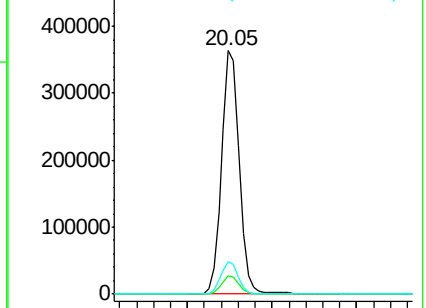
122 13.4 8.6 12.8#



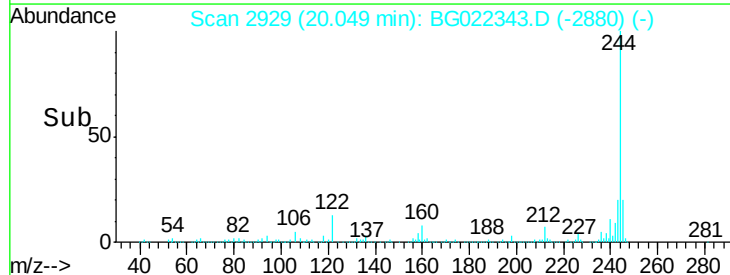
Abundance Ion 244.00 (243.70 to 244.70): E

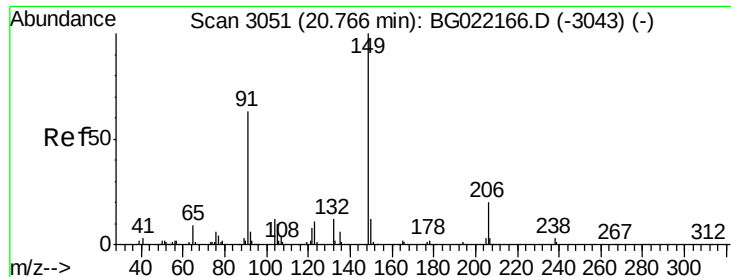
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20

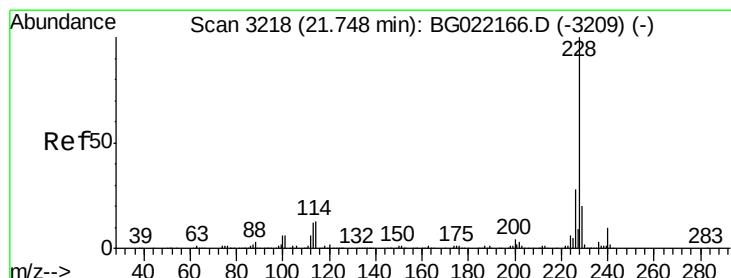
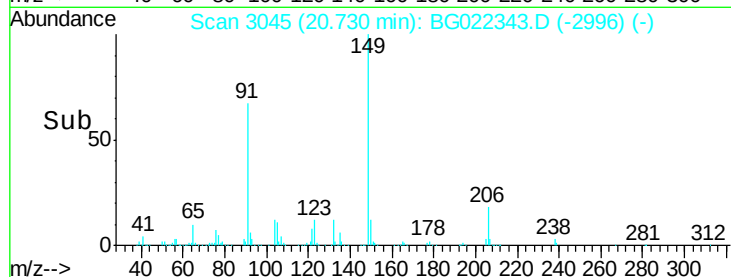
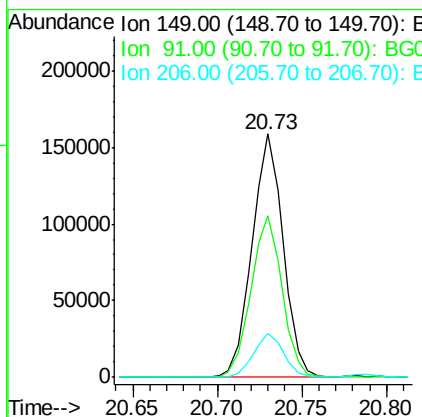
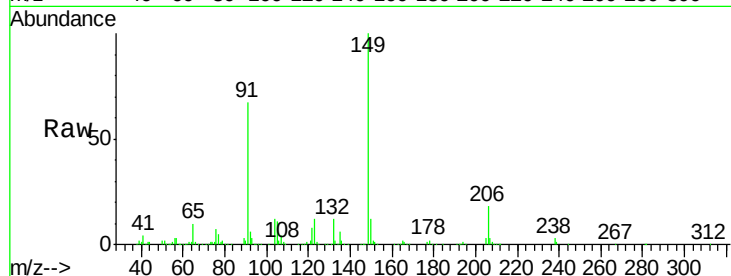




#79
Butylbenzylphthalate
Concen: 42.92 ng
RT: 20.73 min Scan# 3045
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

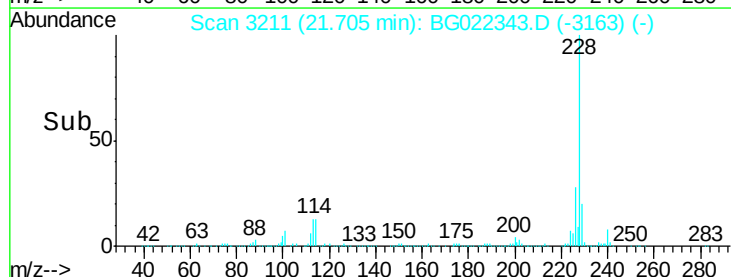
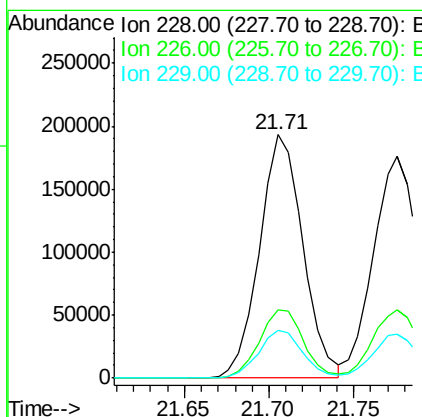
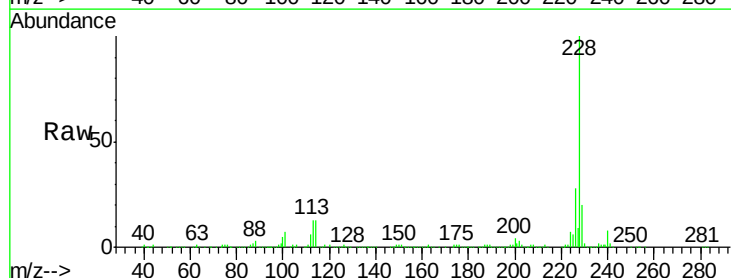
Instrument :
BNA_G
ClientSampleId :
PB91291BS

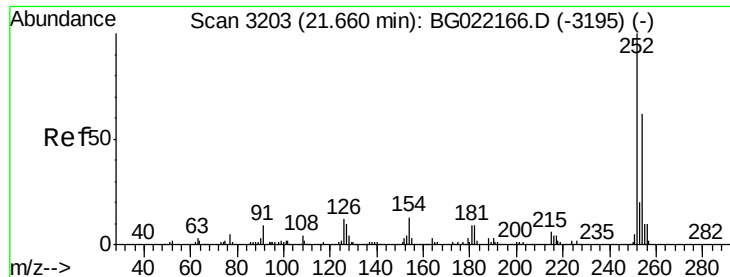
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	57.8	86.8
206	18.2	17.0	25.4



#80
Benzo(a)anthracene
Concen: 37.42 ng
RT: 21.71 min Scan# 3211
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	19.5	16.1	24.1

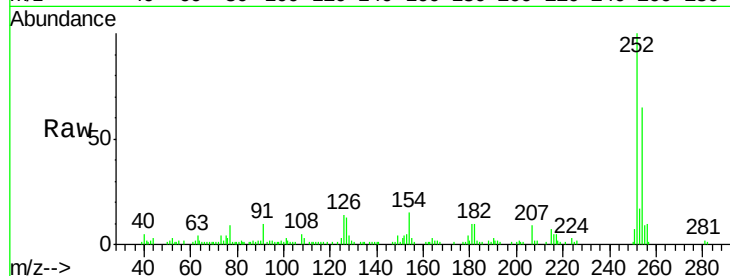




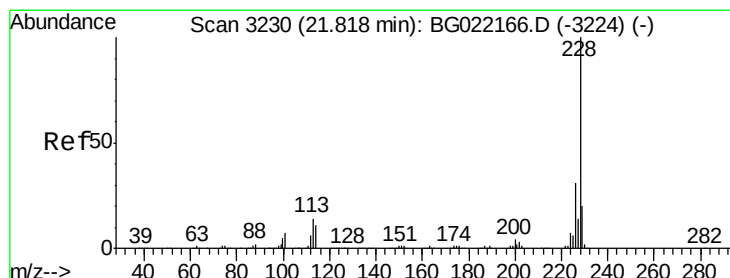
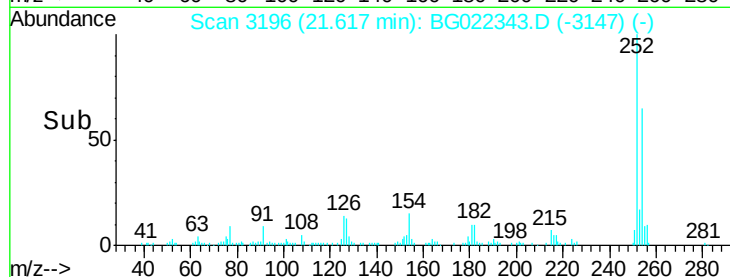
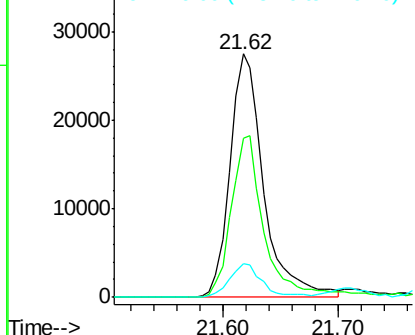
#81
 3,3'-Dichlorobenzidine
 Concen: 21.38 ng
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tot Ion:252 Resp: 55376
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.8 77.6
 126 13.9 8.8 13.2#

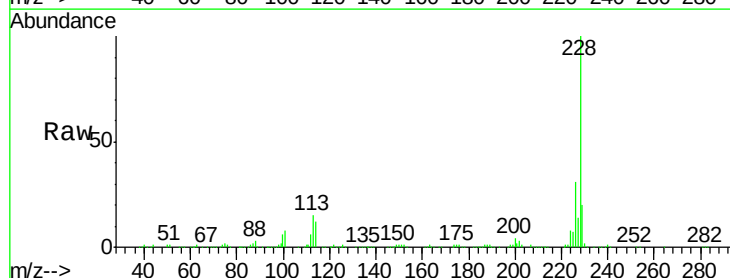


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

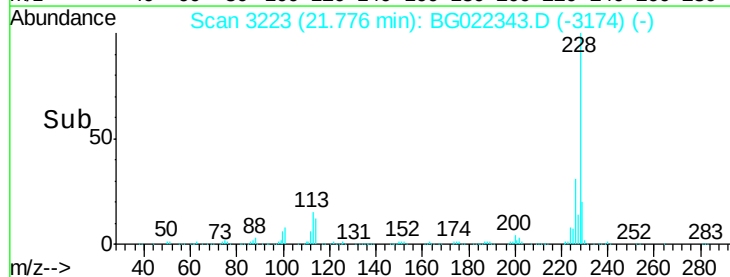
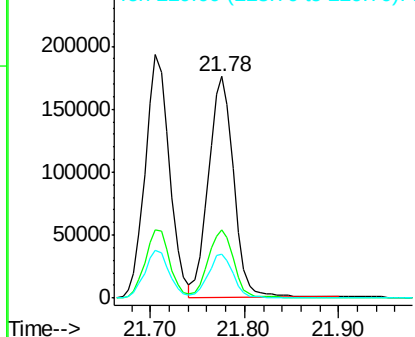


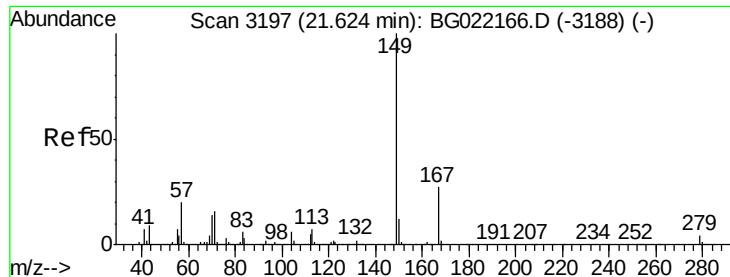
#82
 Chrysene
 Concen: 36.88 ng
 RT: 21.78 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:228 Resp: 331160
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.8 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: 41.01 ng

RT: 21.58 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

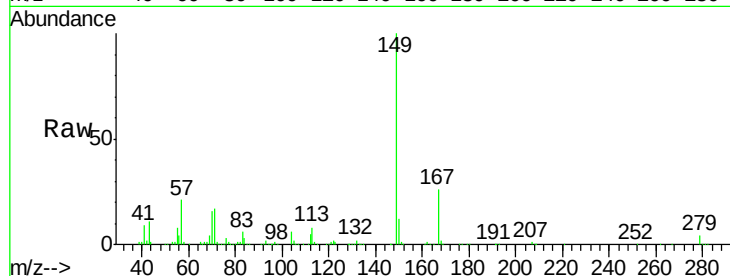
Tot Ion:149 Resp: 286161

Ion Ratio Lower Upper

149 100

167 26.1 22.4 33.6

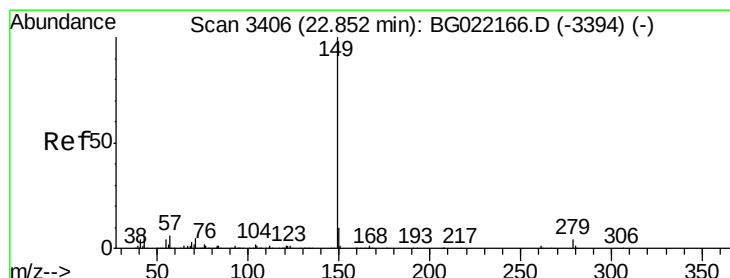
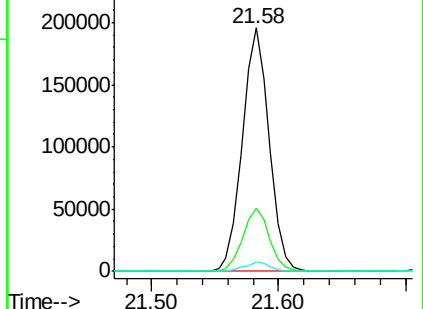
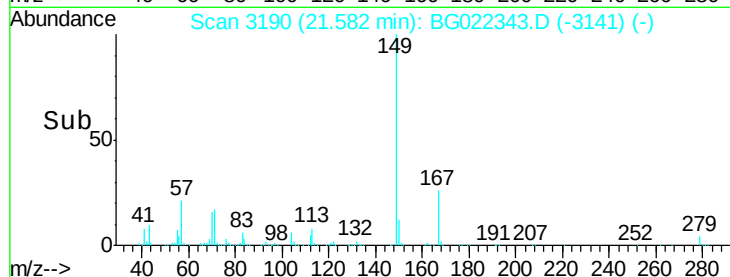
279 3.6 3.2 4.8



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: 41.11 ng

RT: 22.80 min Scan# 3397

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

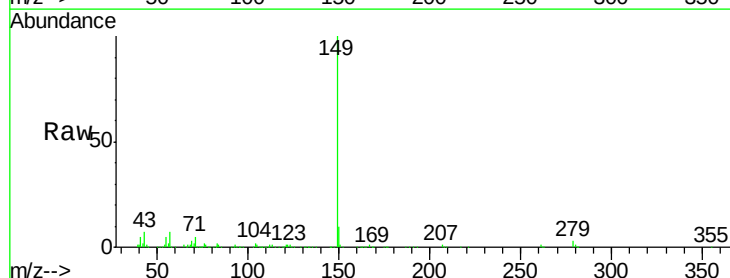
Tgt Ion:149 Resp: 476306

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

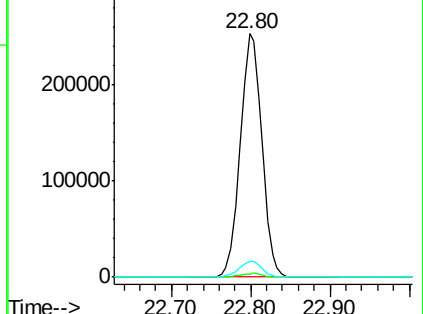
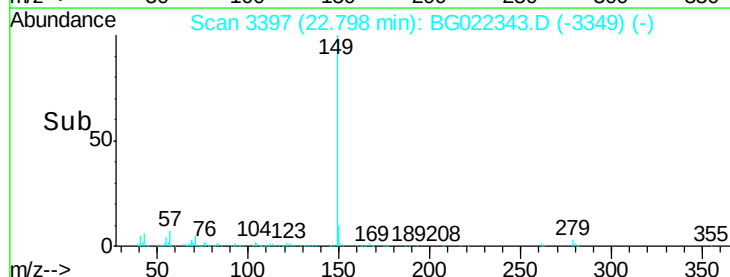
43 6.5 9.8 14.6#

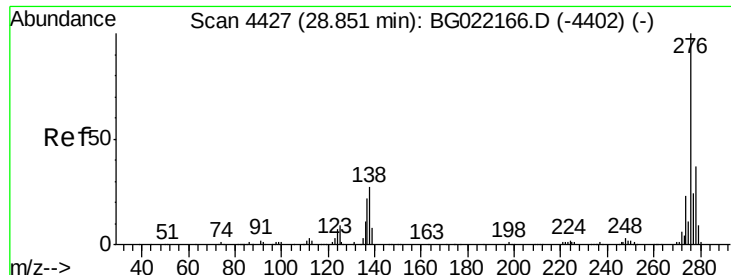


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

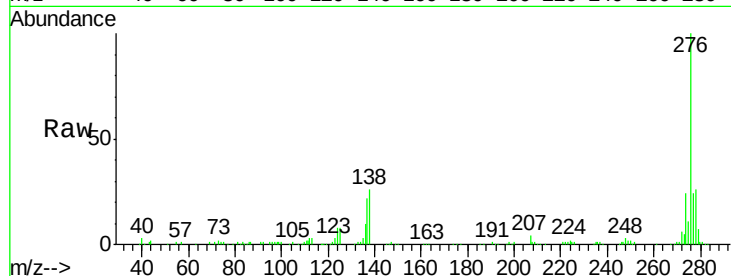




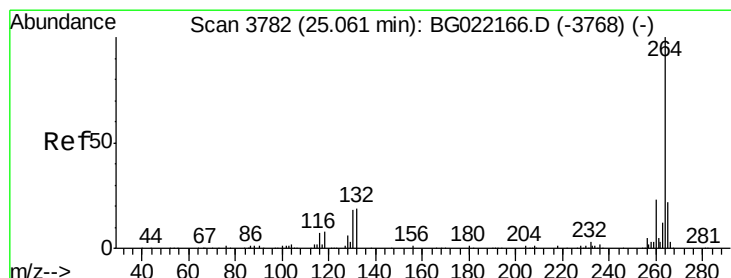
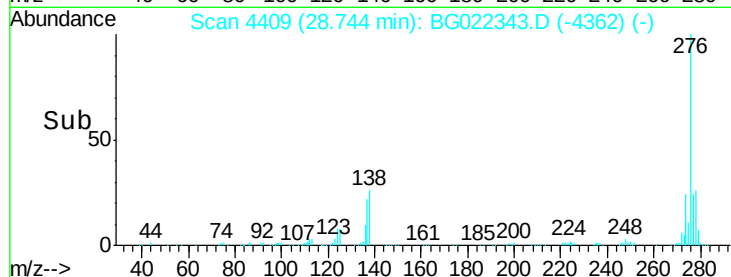
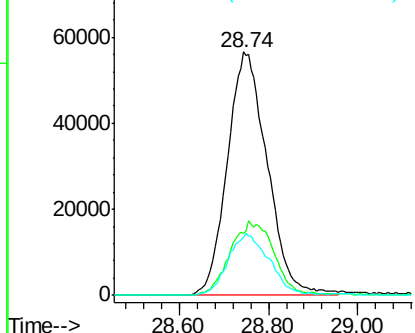
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.98 ng
 RT: 28.74 min Scan# 4409
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tot Ion:276 Resp: 352342
 Ion Ratio Lower Upper
 276 100
 138 33.4 14.0 21.0#
 277 25.9 20.6 30.8

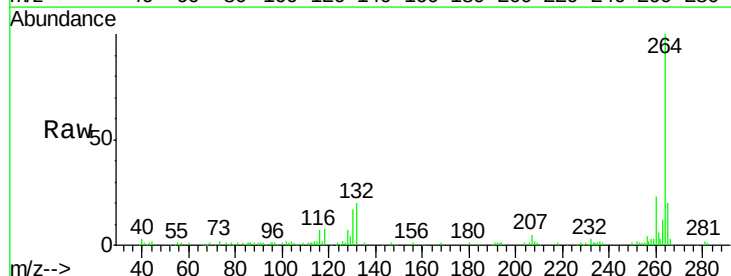


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

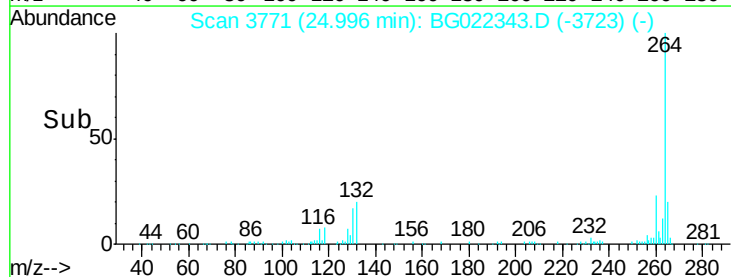
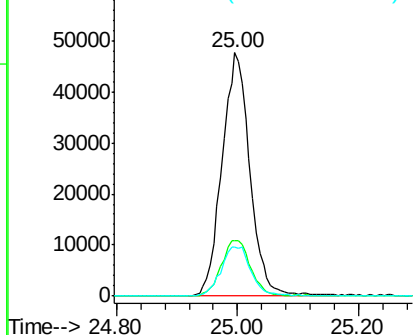


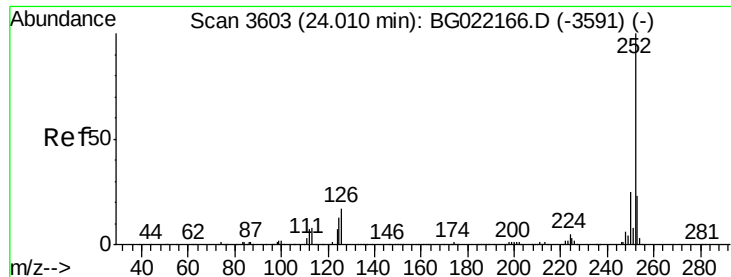
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.00 min Scan# 3771
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:264 Resp: 153011
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.2 30.4
 265 20.0 17.8 26.8



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

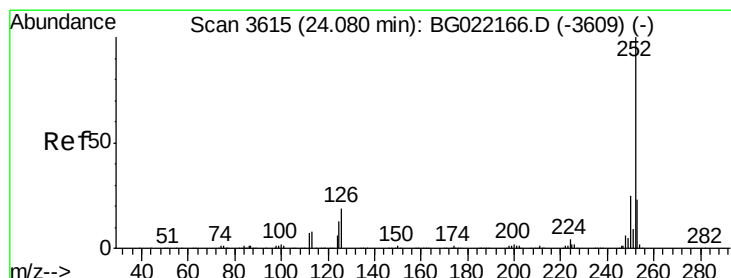
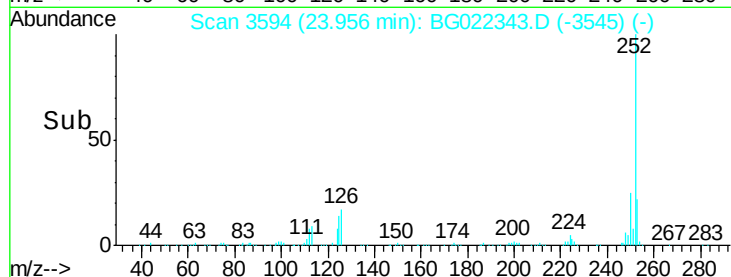
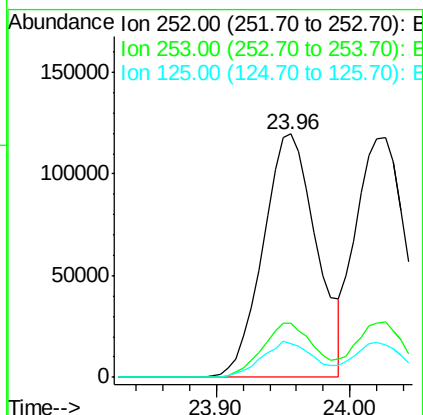
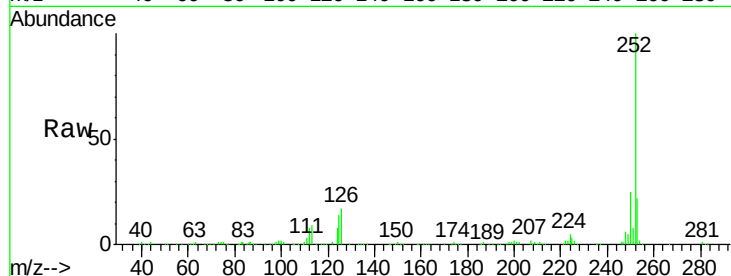




#87
Benzo(b)fluoranthene
Concen: 37.36 ng
RT: 23.96 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

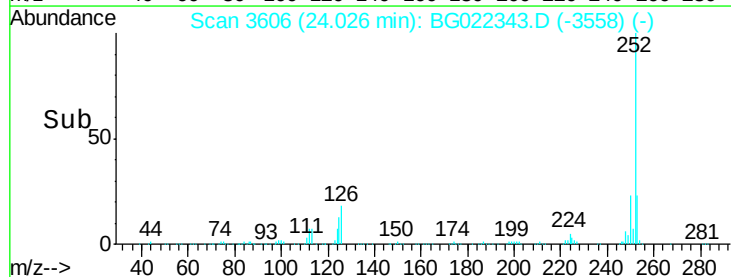
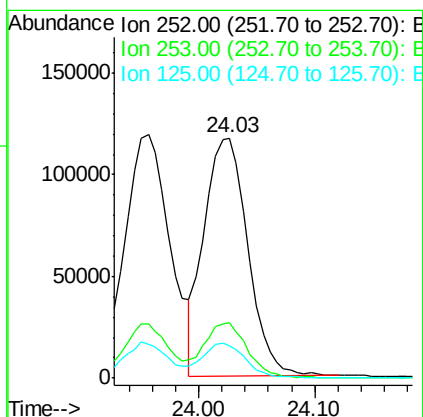
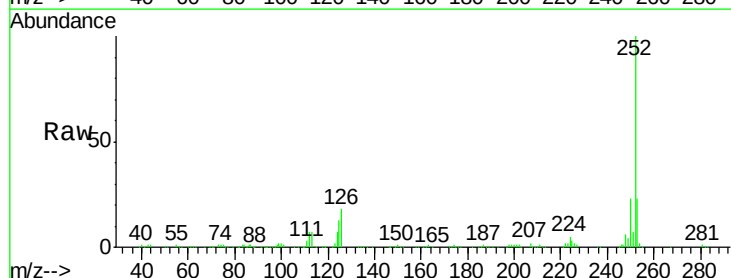
Instrument :
BNA_G
ClientSampleId :
PB91291BS

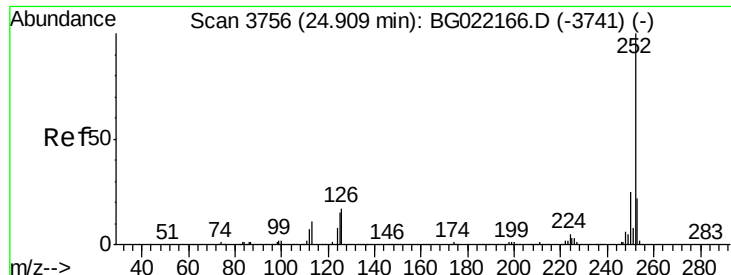
Tot Ion:252 Resp: 333367
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.8 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 35.04 ng
RT: 24.03 min Scan# 3606
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:252 Resp: 307859
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 13.4 8.3 12.5#





#89

Benzo(a)pyrene

Concen: 36.80 ng

RT: 24.84 min Scan# 3745

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

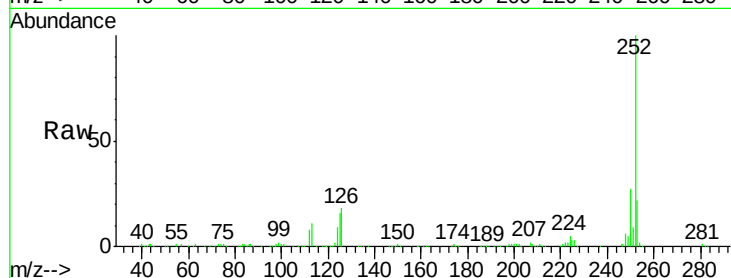
Tot Ion:252 Resp: 314043

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

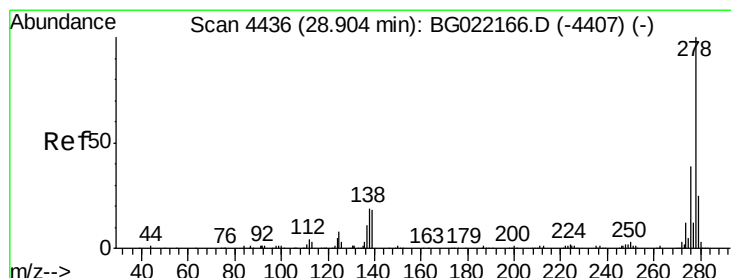
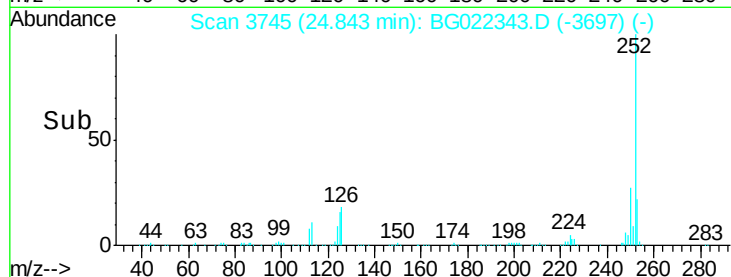
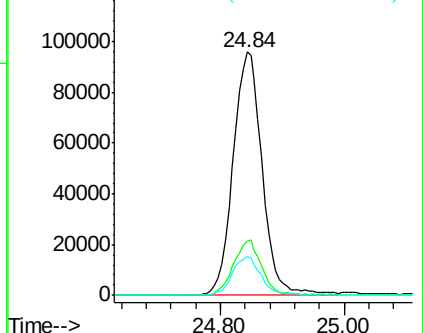
125 15.9 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.98 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

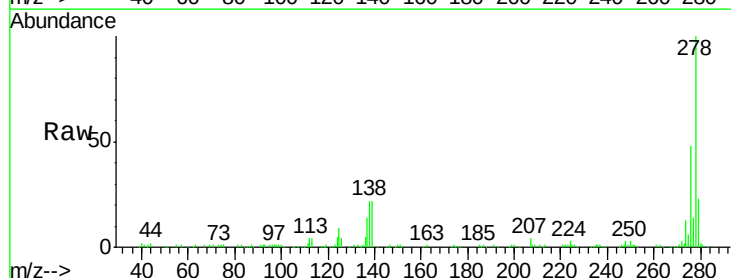
Tgt Ion:278 Resp: 289106

Ion Ratio Lower Upper

278 100

139 21.6 11.9 17.9#

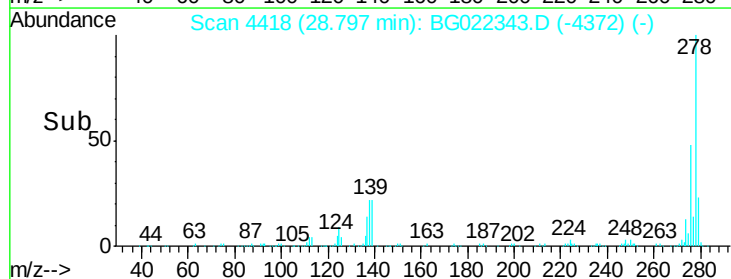
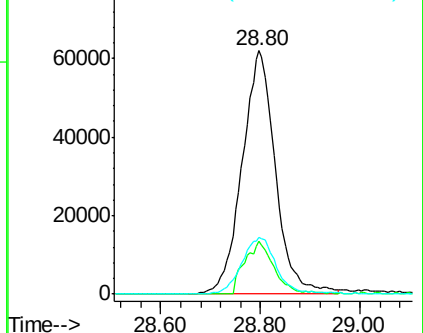
279 23.5 18.2 27.2

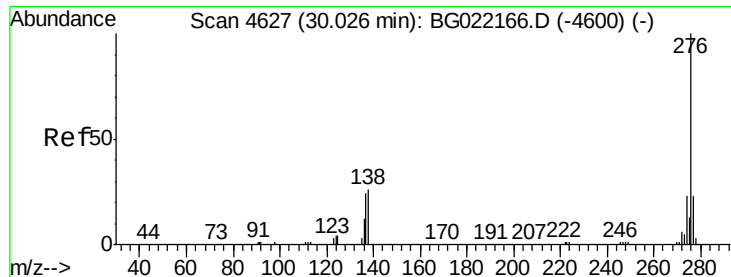


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.18 ng
 RT: 29.91 min Scan# 4607
 Delta R.T. -0.03 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.2
138	28.7	17.4	26.0

