

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022503.D
 Acq On : 23 Jun 2016 3:49
 Operator : UM/SJ
 Sample : PB91536BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 05:06:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	28103	20.00	ng	-0.03
21) Naphthalene-d8	10.79	136	168745	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	106997	20.00	ng	-0.01
63) Phenanthrene-d10	17.37	188	222580	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	133691	20.00	ng	-0.03
86) Perylene-d12	24.81	264	117344	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	279975	192.62	ng	-0.03
7) Phenol-d6	7.15	99	439817	192.45	ng	-0.03
23) Nitrobenzene-d5	9.14	82	225004	92.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	129431	107.06	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	605457	86.23	ng	-0.01
78) Terphenyl-d14	19.96	244	603459	107.16	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	20314	29.15	ng	# 79
3) Pyridine	3.71	79	66818	35.48	ng	99
4) n-Nitrosodimethylamine	3.64	42	19362	45.98	ng	99
6) Aniline	7.38	93	95210	32.79	ng	# 54
8) 2-Chlorophenol	7.53	128	118696	59.08	ng	# 80
10) Phenol	7.18	94	151246	64.19	ng	80
11) bis(2-Chloroethyl)ether	7.38	93	95210	50.68	ng	# 72
12) 1,3-Dichlorobenzene	7.85	146	92988	43.18	ng	# 91
13) 1,4-Dichlorobenzene	8.00	146	94085	43.85	ng	96
14) 1,2-Dichlorobenzene	8.32	146	97121	44.90	ng	96
15) Benzyl Alcohol	8.22	79	85384	57.83	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.50	45	99496	51.05	ng	79
17) 2-Methylphenol	8.44	107	107899	61.37	ng	# 85
18) Hexachloroethane	9.05	117	35956	45.89	ng	# 80
19) n-Nitroso-di-n-propylamine	8.78	70	81316	52.56	ng	# 70
20) 3+4-Methylphenols	8.77	107	153710	60.95	ng	95
22) Acetophenone	8.80	105	159255	43.79	ng	# 82
24) Nitrobenzene	9.19	77	114448	47.02	ng	# 85
25) Isophorone	9.71	82	245402	43.34	ng	# 94
26) 2-Nitrophenol	9.90	139	64969	49.22	ng	# 74
27) 2,4-Dimethylphenol	9.97	122	123725	51.79	ng	90
28) bis(2-Chloroethoxy)methane	10.19	93	158023	48.71	ng	96
29) 2,4-Dichlorophenol	10.45	162	114852	51.90	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	101108	40.89	ng	93
31) Naphthalene	10.83	128	374797	44.50	ng	# 95
32) Benzoic acid	10.16	122	53683	58.92	ng	91
33) 4-Chloroaniline	10.97	127	39653	11.32	ng	# 91
34) Hexachlorobutadiene	11.11	225	47366	35.68	ng	96
35) Caprolactam	11.74	113	32917	27.11	ng	# 45
36) 4-Chloro-3-methylphenol	12.10	107	136854	52.17	ng	# 86
37) 2-Methylnaphthalene	12.44	142	281458	45.26	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	110902	40.26	ng	98
40) Hexachlorocyclopentadiene	12.78	237	43411	34.07	ng	96
42) 2,4,6-Trichlorophenol	13.07	196	85729	46.40	ng	99

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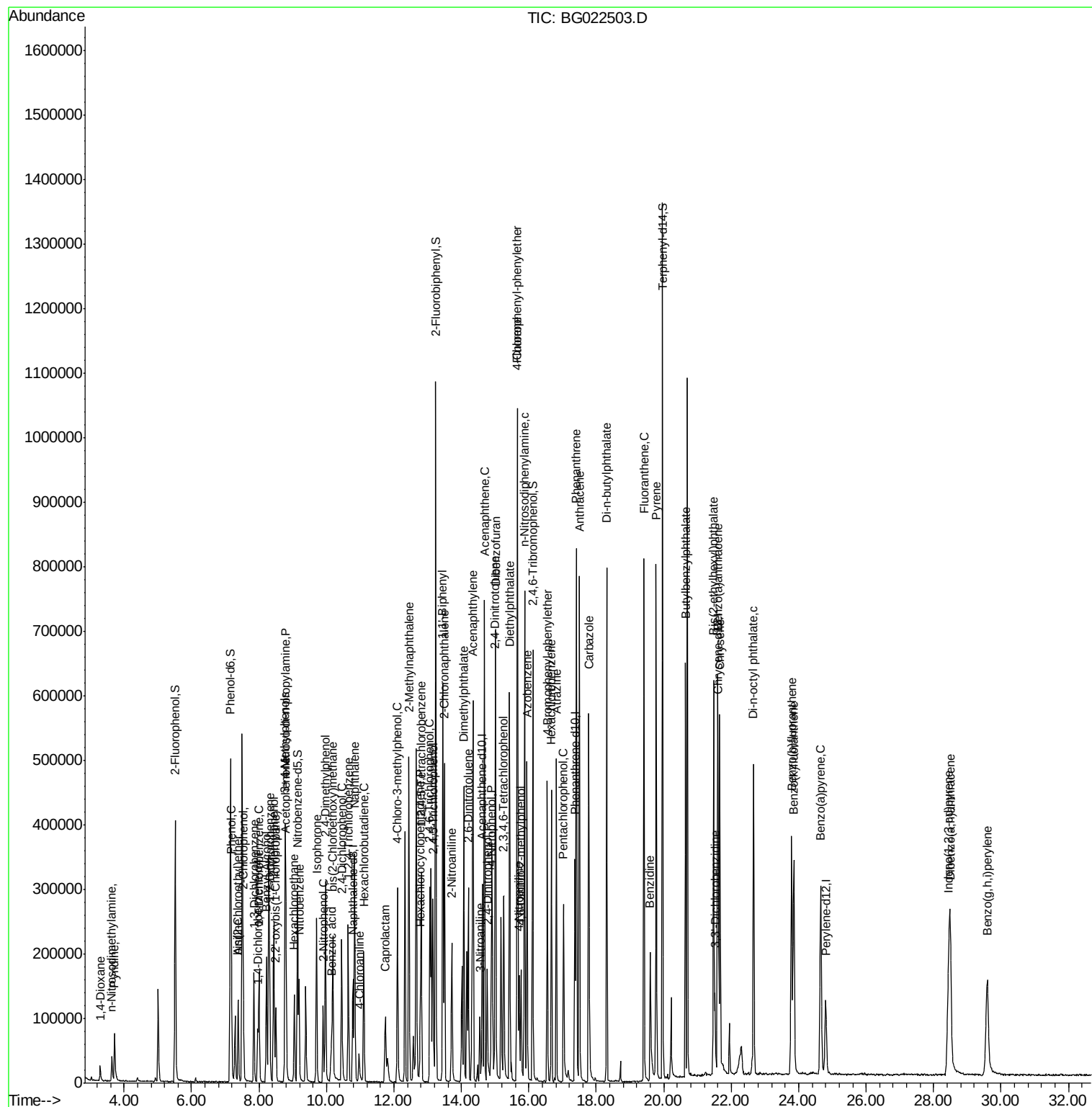
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	91568	44.86	nq	95
45) 1,1'-Biphenyl	13.45	154	368433	45.75	nq	94
46) 2-Chloronaphthalene	13.50	162	286995	46.49	nq	96
47) 2-Nitroaniline	13.71	65	74389	50.54	nq	# 55
48) Acenaphthylene	14.34	152	490657	45.30	nq	97
49) Dimethylphthalate	14.07	163	368090	41.49	nq	99
50) 2,6-Dinitrotoluene	14.21	165	85411	44.29	nq	# 80
51) Acenaphthene	14.68	154	292133	45.02	nq	94
52) 3-Nitroaniline	14.55	138	42755	19.99	nq	# 80
53) 2,4-Dinitrophenol	14.76	184	64510	81.65	nq	# 75
54) Dibenzofuran	15.02	168	450351	44.47	nq	99
55) 4-Nitrophenol	14.89	139	101034	68.44	nq	# 71
56) 2,4-Dinitrotoluene	15.00	165	119928	46.36	nq	# 85
57) Fluorene	15.66	166	384425	44.07	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	71550	39.08	nq	91
59) Diethylphthalate	15.43	149	401656	42.38	nq	99
60) 4-Chlorophenyl-phenylether	15.65	204	169824	42.99	nq	95
61) 4-Nitroaniline	15.71	138	71558	31.54	nq	# 76
62) Azobenzene	15.95	77	347830	48.47	nq	88
64) 4,6-Dinitro-2-methylphenol	15.77	198	50165	44.86	nq	83
65) n-Nitrosodiphenylamine	15.88	169	320695	50.02	nq	96
66) 4-Bromophenyl-phenylether	16.55	248	93102	44.64	nq	95
67) Hexachlorobenzene	16.67	284	96942	39.88	nq	96
68) Atrazine	16.82	200	97613	41.13	nq	98
69) Pentachlorophenol	17.03	266	63567	59.57	nq	97
70) Phenanthrene	17.41	178	542815	44.90	nq	97
71) Anthracene	17.50	178	537469	44.83	nq	96
72) Carbazole	17.78	167	475324	41.86	nq	97
73) Di-n-butylphthalate	18.31	149	684566	46.11	nq	98
74) Fluoranthene	19.41	202	508939	36.62	nq	94
76) Benzdine	19.60	184	190796	54.57	nq	96
77) Pyrene	19.78	202	484114	58.25	nq	99
79) Butylbenzylphthalate	20.65	149	227305	58.97	nq	# 93
80) Benzo(a)anthracene	21.60	228	349109	46.57	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	53480	25.41	nq	# 94
82) Chrysene	21.66	228	331182	45.40	nq	99
83) Bis(2-ethylhexyl)phthalate	21.48	149	315220	55.61	nq	# 94
84) Di-n-octyl phthalate	22.66	149	530718	56.39	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.45	276	335835	41.04	nq	# 78
87) Benzo(b)fluoranthene	23.79	252	311824	45.56	nq	# 91
88) Benzo(k)fluoranthene	23.85	252	315181	46.78	nq	# 93
89) Benzo(a)pyrene	24.65	252	304972	46.60	nq	# 93
90) Dibenzo(a,h)anthracene	28.50	278	279870	45.41	nq	# 92
91) Benzo(q,h,i)perylene	29.59	276	268701	41.91	nq	# 84

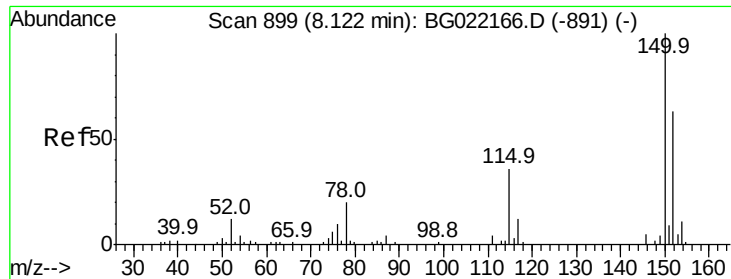
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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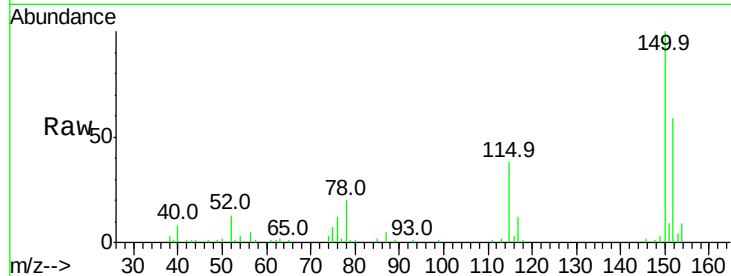


#1

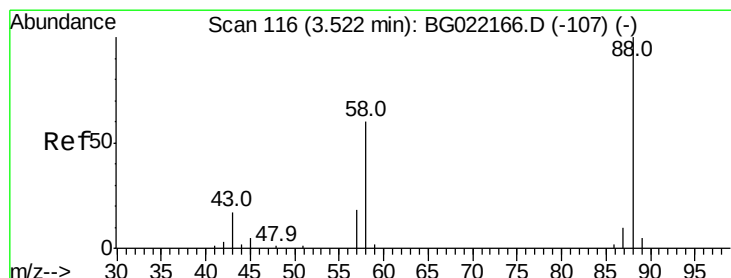
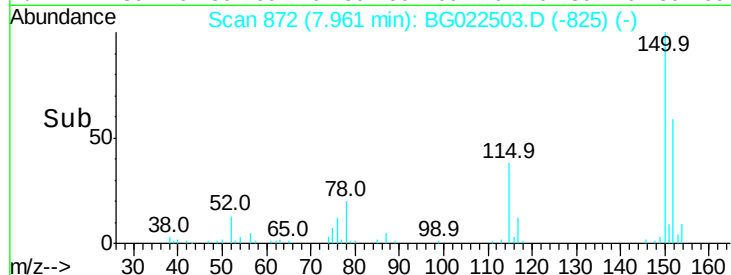
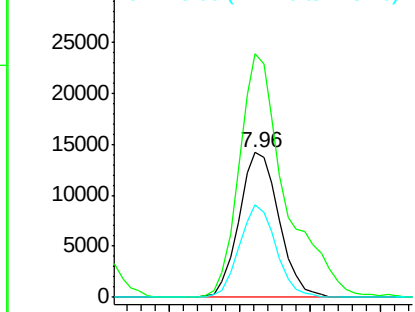
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 872
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28103
Ion Ratio Lower Upper
152 100
150 168.1 130.1 195.1
115 63.8 62.2 93.2



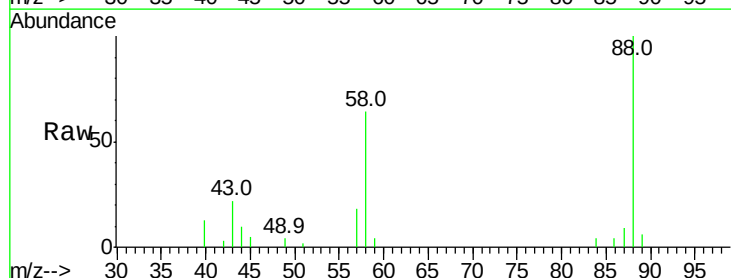
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



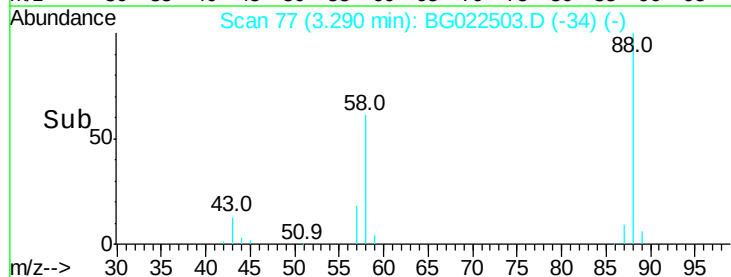
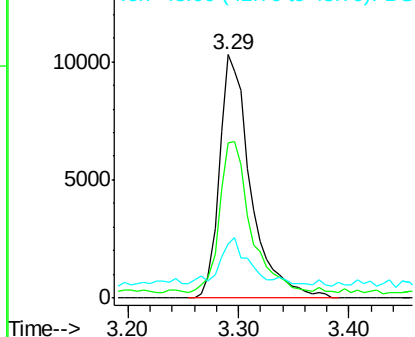
#2

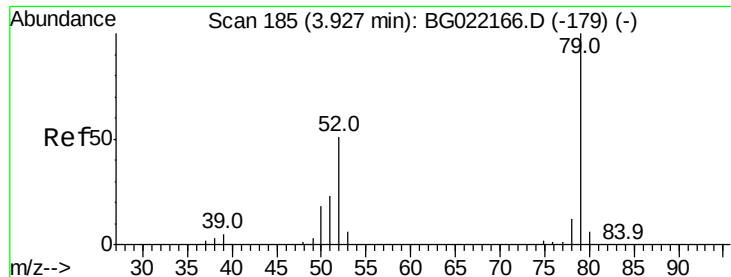
1,4-Dioxane
Concen: 29.15 ng
RT: 3.29 min Scan# 77
Delta R.T. -0.05 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion: 88 Resp: 20314
Ion Ratio Lower Upper
88 100
58 61.9 36.8 55.2#
43 16.3 10.4 15.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.48 ng

RT: 3.71 min Scan# 149

Delta R.T. -0.04 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

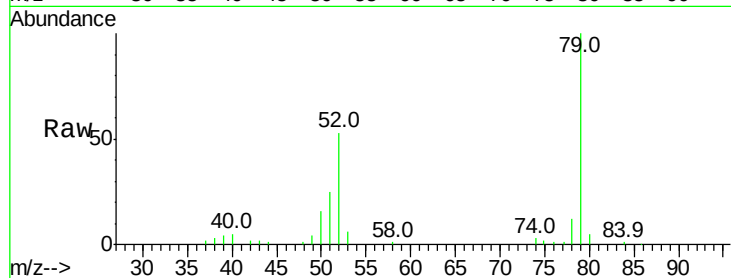
Tot Ion: 79 Resp: 66818

Ion Ratio Lower Upper

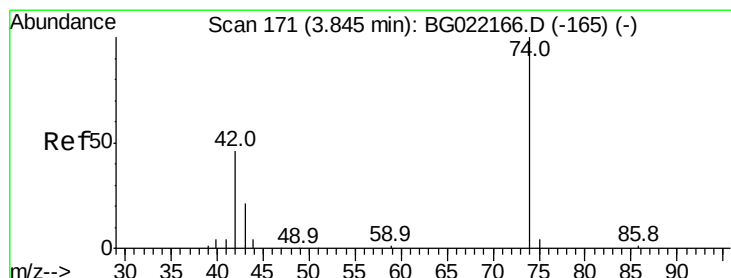
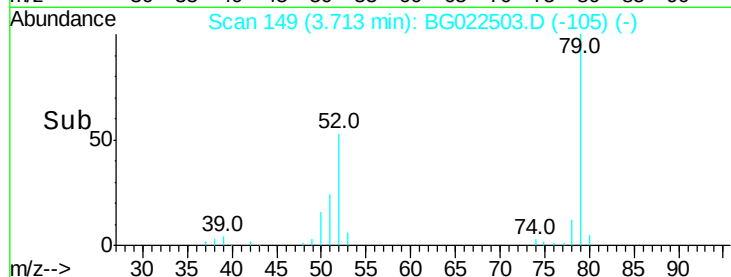
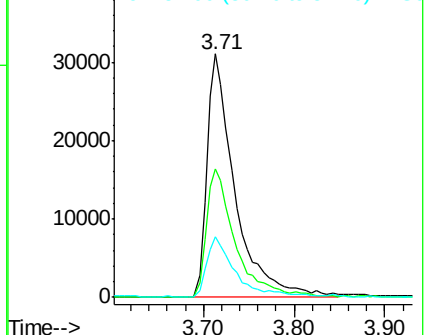
79 100

52 52.8 41.6 62.4

51 25.0 19.2 28.8



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



#4

n-Nitrosodimethylamine

Concen: 45.98 ng

RT: 3.64 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

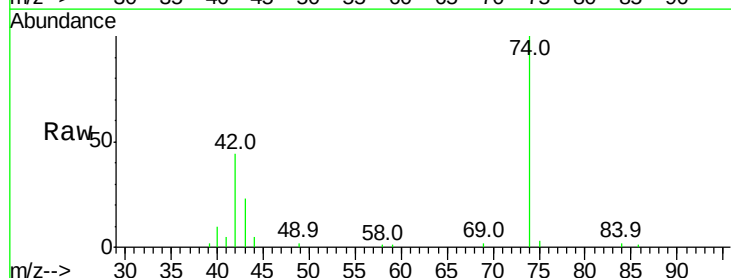
Tgt Ion: 42 Resp: 19362

Ion Ratio Lower Upper

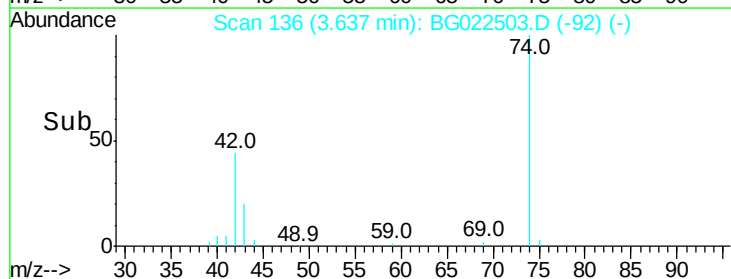
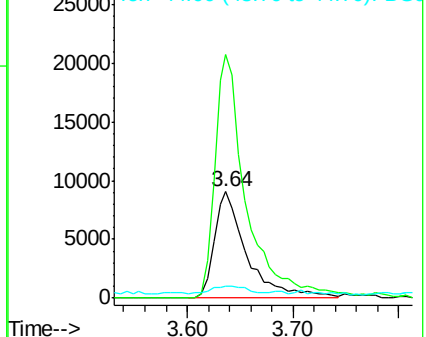
42 100

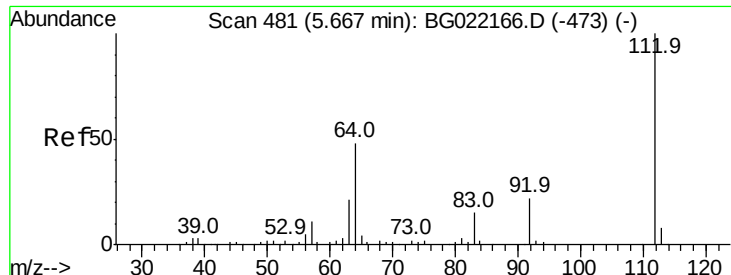
74 229.2 184.0 276.0

44 11.4 11.0 16.6



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





#5

2-Fluorophenol

Concen: 192.62 ng

RT: 5.51 min Scan# 455

Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampled :

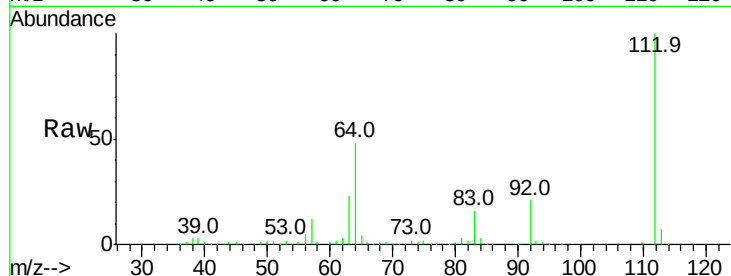
Tot Ion:112 Resp: 279975

Ion Ratio Lower Upper

112 100

64 47.9 51.1 76.7#

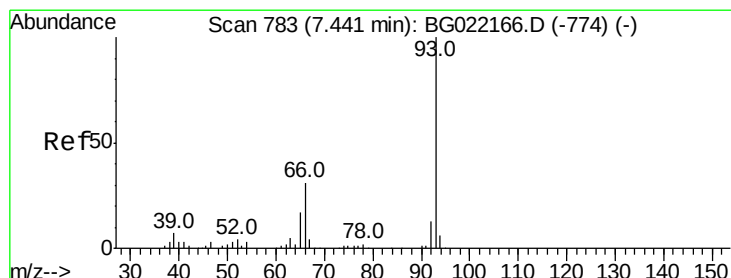
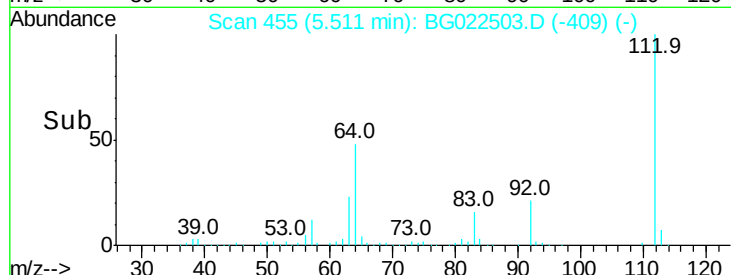
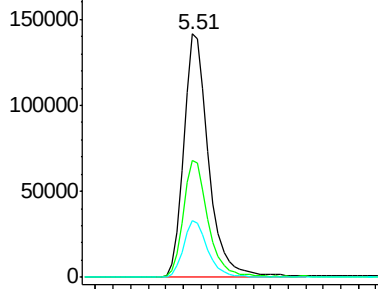
63 23.3 24.6 37.0#



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: 32.79 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

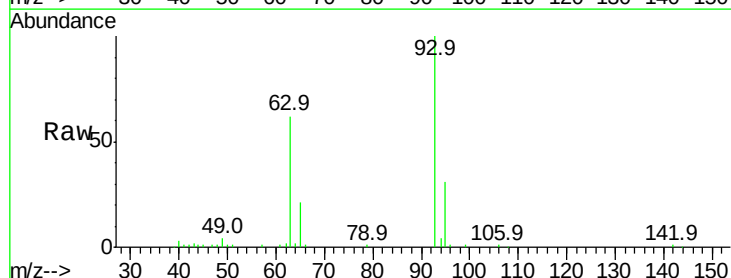
Tgt Ion: 93 Resp: 95210

Ion Ratio Lower Upper

93 100

66 0.8 36.3 54.5#

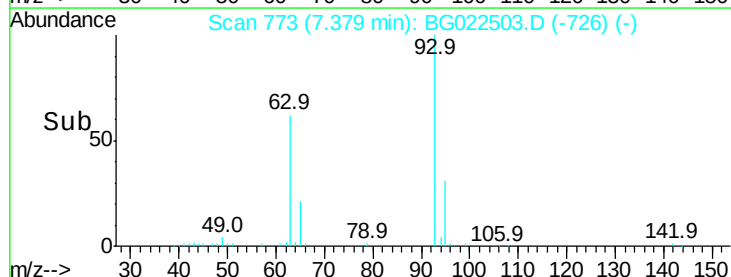
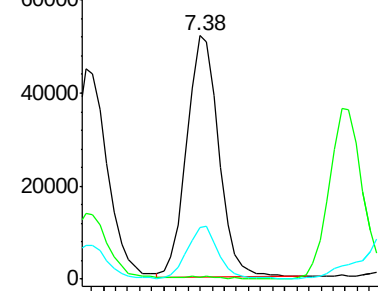
65 21.0 18.4 27.6

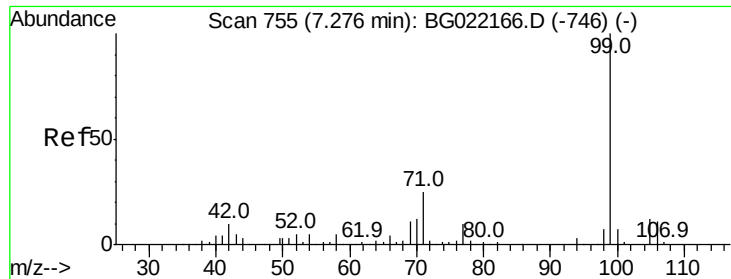


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 192.45 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

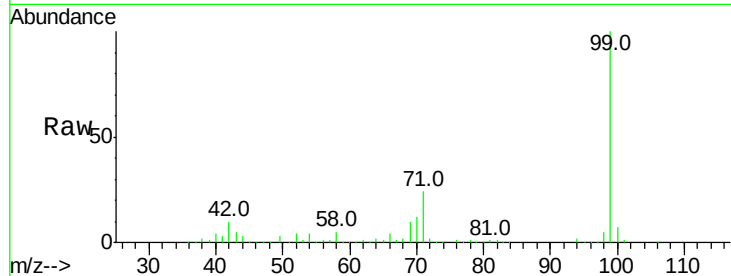
Tot Ion: 99 Resp: 439817

Ion Ratio Lower Upper

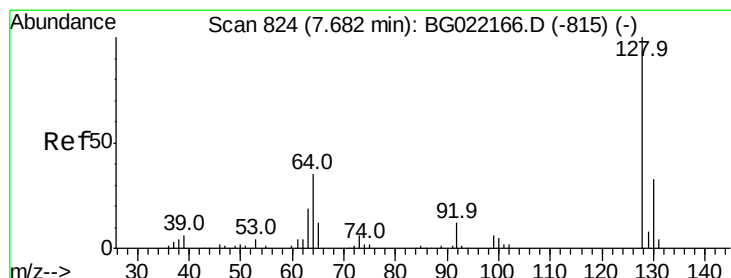
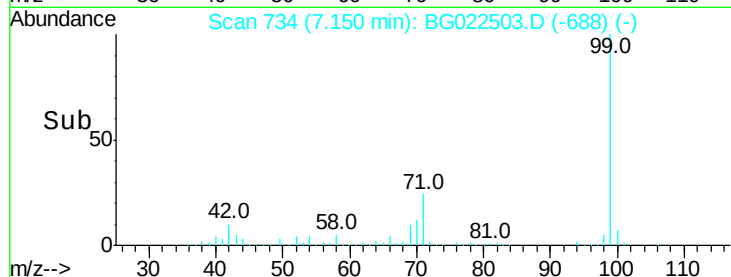
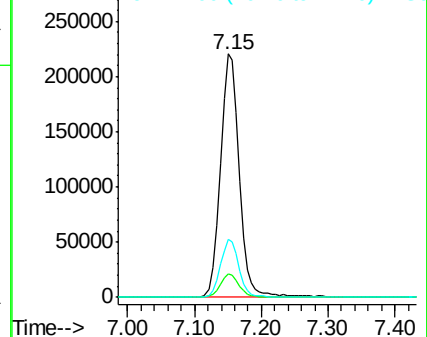
99 100

42 9.6 16.4 24.6#

71 23.9 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: 59.08 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

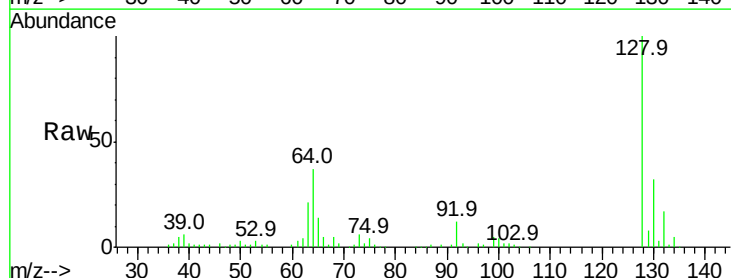
Tgt Ion: 128 Resp: 118696

Ion Ratio Lower Upper

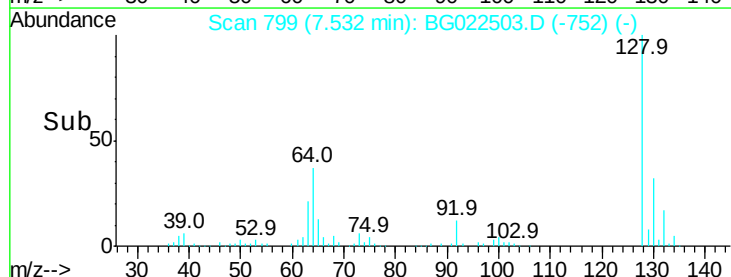
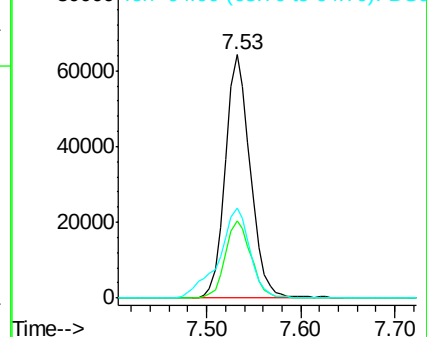
128 100

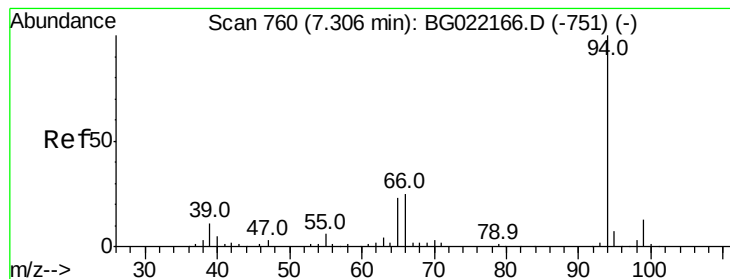
130 31.8 11.2 51.2

64 37.0 39.8 79.8#



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





#10

Phenol

Concen: 64.19 ng

RT: 7.18 min Scan# 739

Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampled :

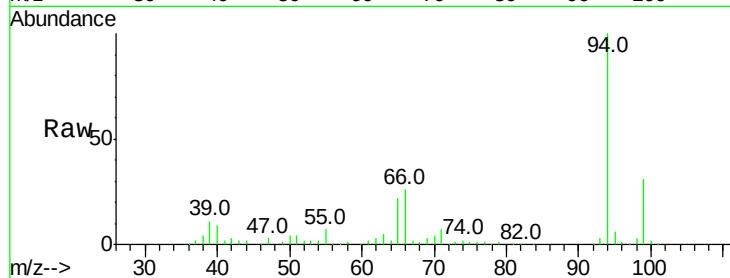
Tot Ion: 94 Resp: 151246

Ion Ratio Lower Upper

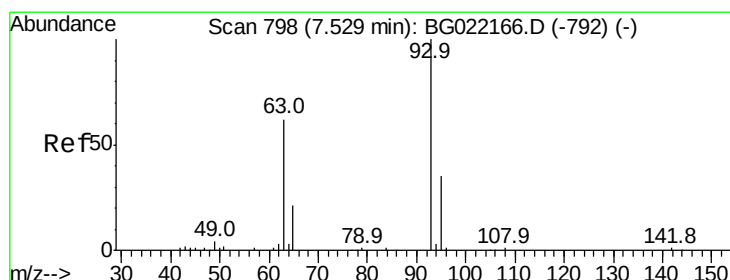
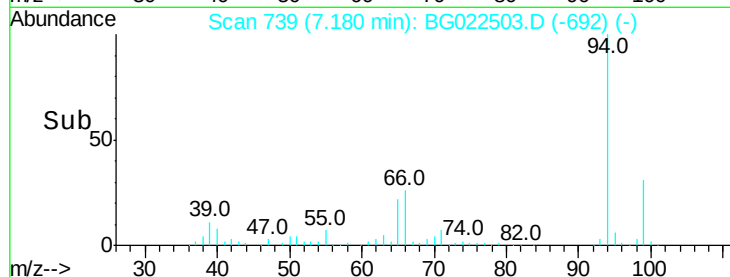
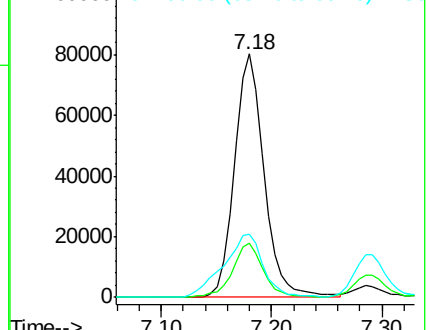
94 100

65 22.0 9.8 49.8

66 26.1 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: 50.68 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.03 min

Lab File: BG022503.D

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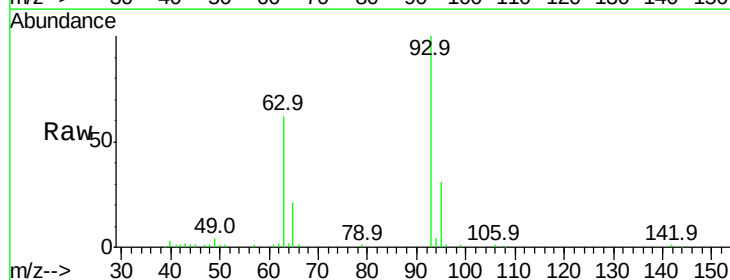
Tgt Ion: 93 Resp: 95210

Ion Ratio Lower Upper

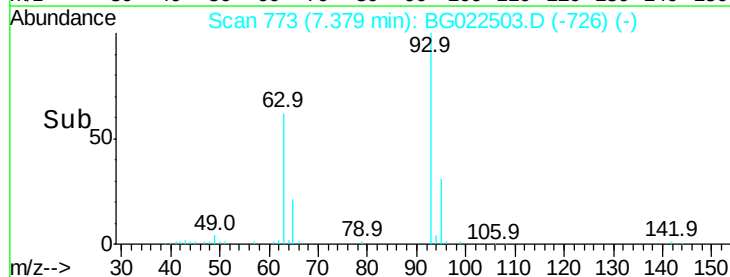
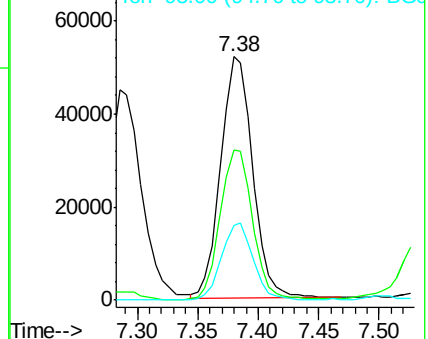
93 100

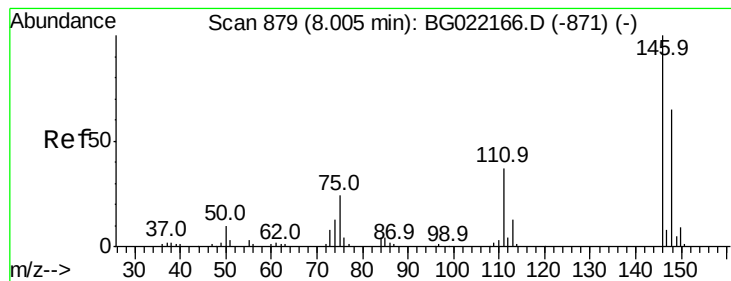
63 61.6 74.9 114.9#

95 30.8 8.3 48.3



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





#12

1,3-Dichlorobenzene

Concen: 43.18 ng

RT: 7.85 min Scan# 853

Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

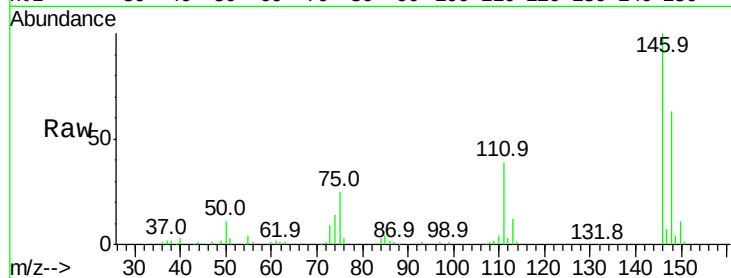
Tot Ion:146 Resp: 92988

Ion Ratio Lower Upper

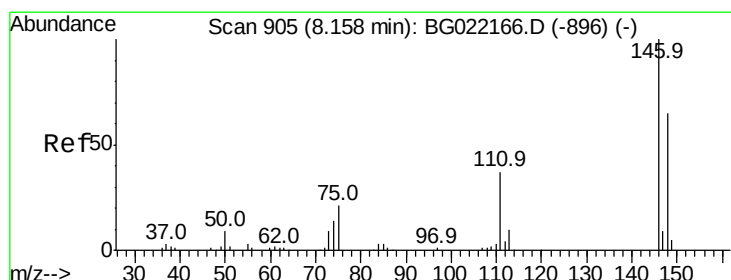
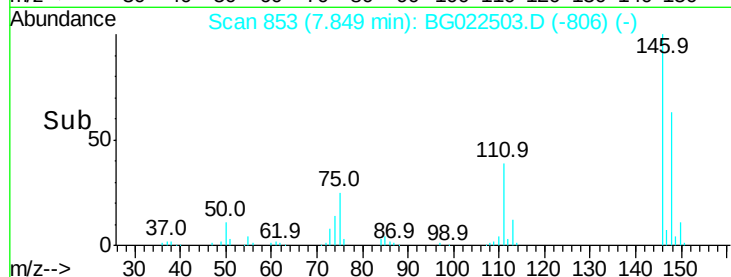
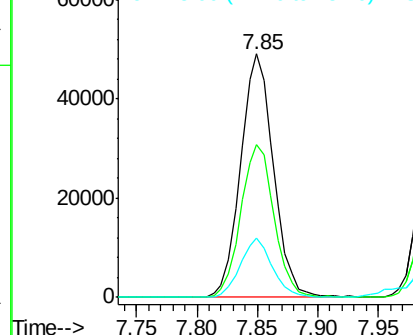
146 100

148 62.8 53.7 80.5

75 24.6 27.4 41.0#



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



#13

1,4-Dichlorobenzene

Concen: 43.85 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

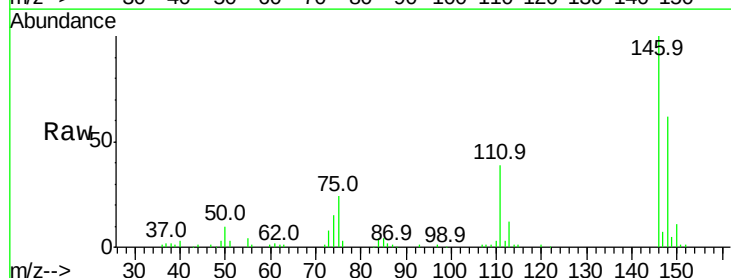
Tgt Ion:146 Resp: 94085

Ion Ratio Lower Upper

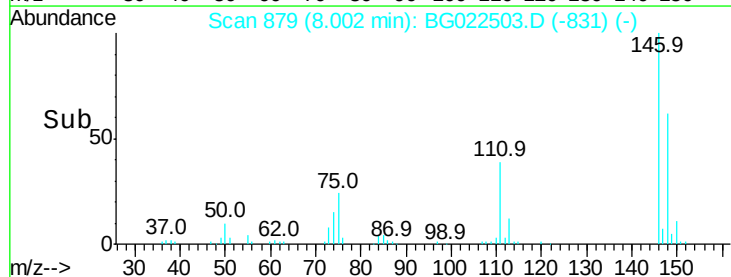
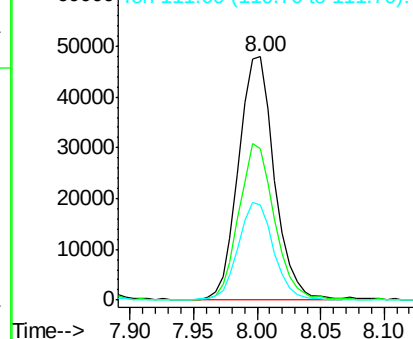
146 100

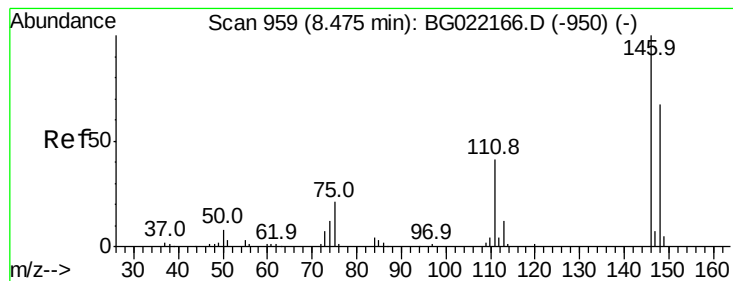
148 62.1 46.7 70.1

111 39.1 33.0 49.6



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





#14

1,2-Dichlorobenzene

Concen: 44.90 ng

RT: 8.32 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

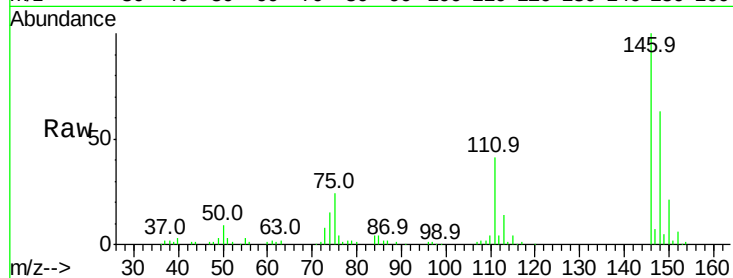
Tot Ion:146 Resp: 97121

Ion Ratio Lower Upper

146 100

148 63.1 52.6 79.0

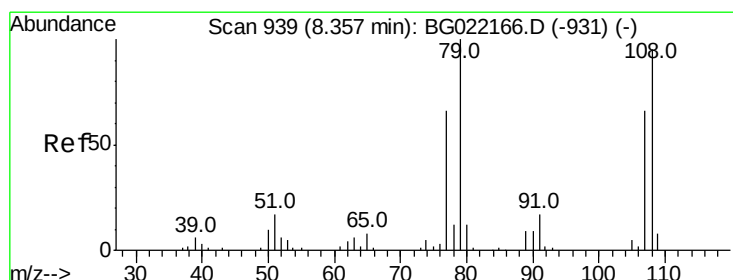
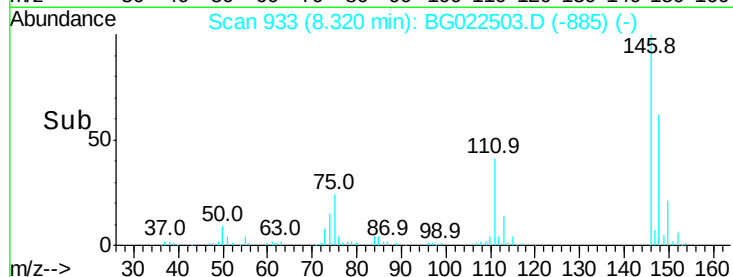
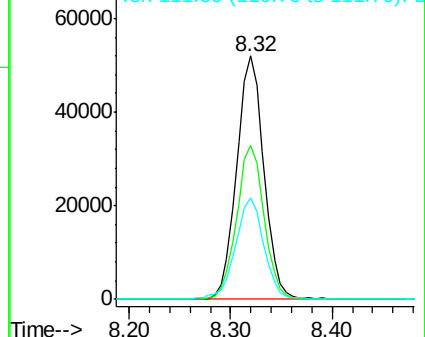
111 41.5 36.1 54.1



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: 57.83 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

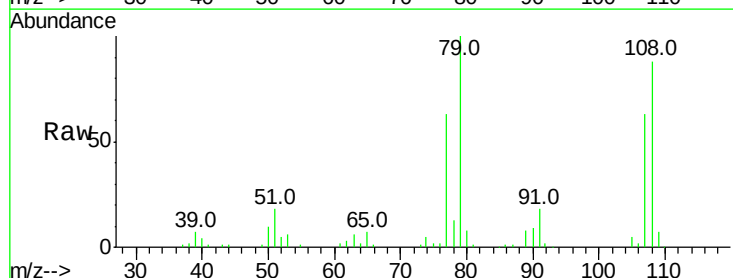
Tgt Ion: 79 Resp: 85384

Ion Ratio Lower Upper

79 100

108 88.3 59.4 89.0

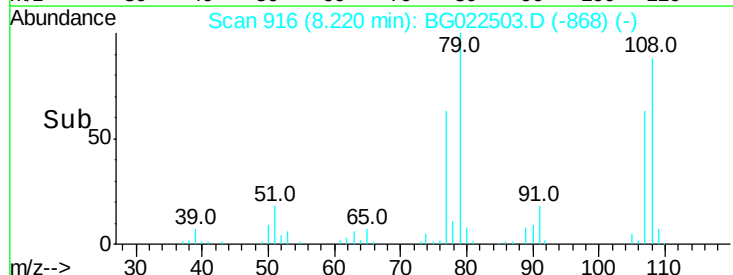
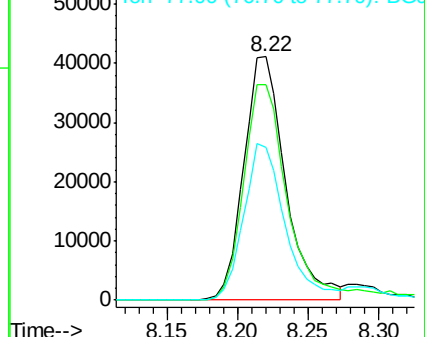
77 62.9 52.2 78.2

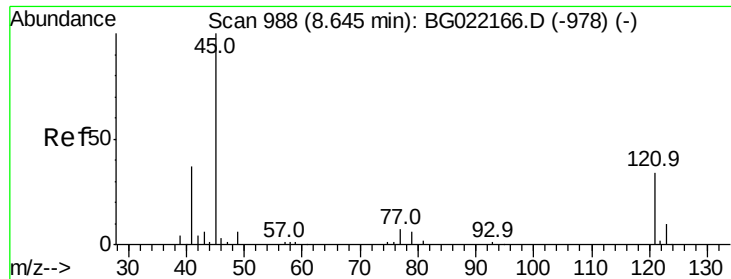


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

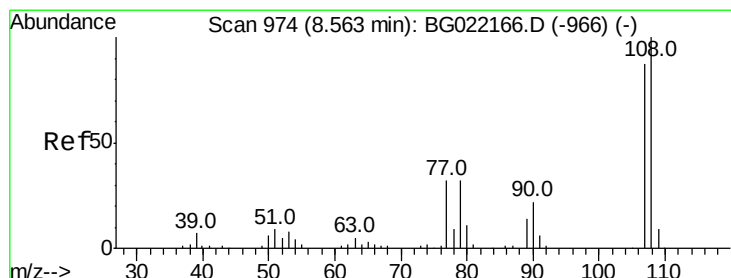
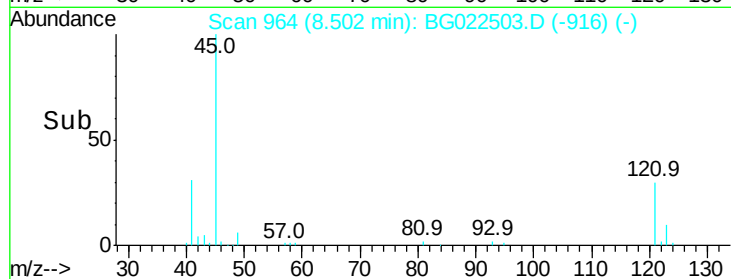
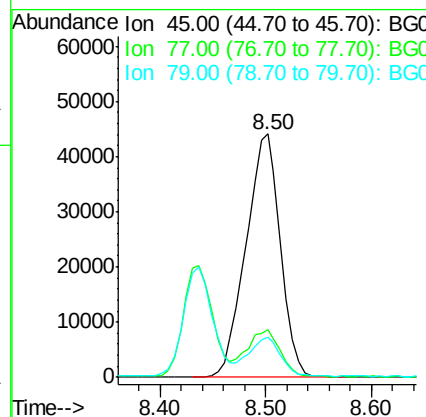
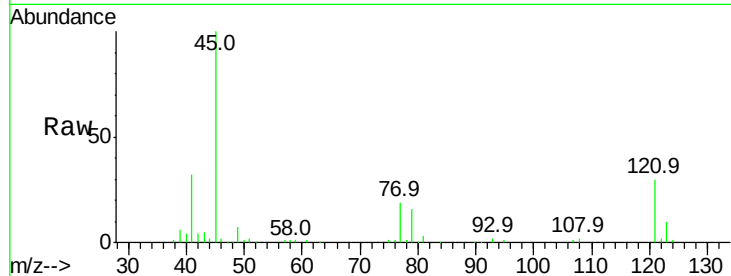




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 51.05 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

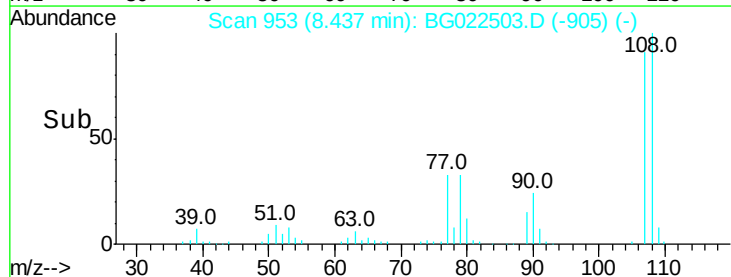
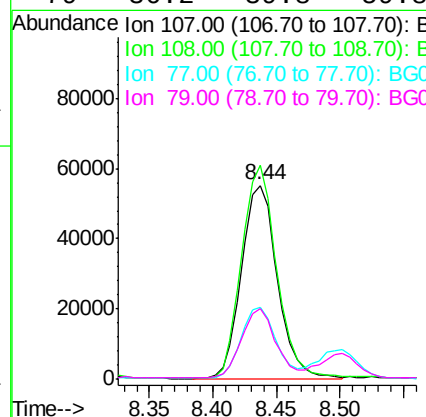
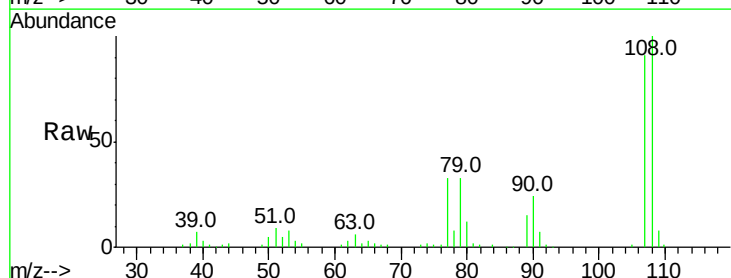
Instrument :
BNA_G
ClientSampled :

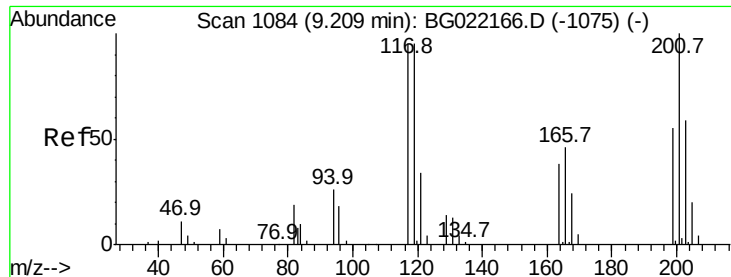
Tot Ion: 45 Resp: 99496
Ion Ratio Lower Upper
45 100
77 19.4 0.0 31.2
79 16.5 0.0 29.0



#17
2-Methylphenol
Concen: 61.37 ng
RT: 8.44 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:107 Resp: 107899
Ion Ratio Lower Upper
107 100
108 110.3 80.2 120.4
77 36.9 40.7 61.1#
79 36.2 39.8 59.8#

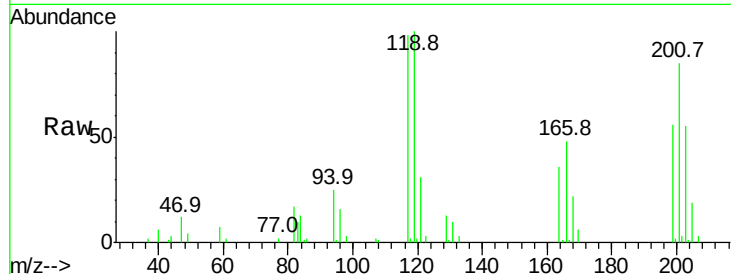




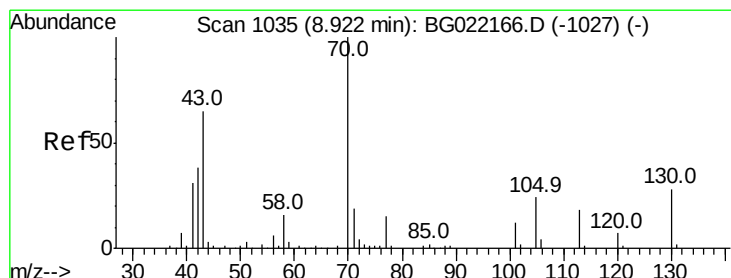
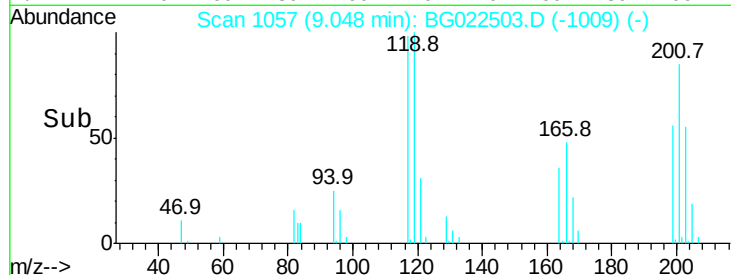
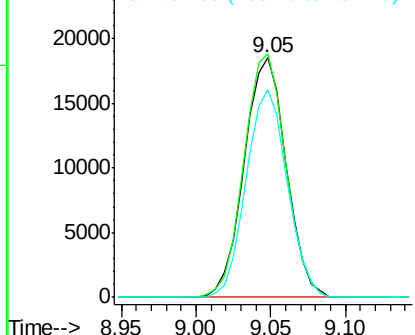
#18
Hexachloroethane
Concen: 45.89 ng
RT: 9.05 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 35956
Ion Ratio Lower Upper
117 100
119 101.7 63.9 95.9#
201 89.9 61.2 91.8

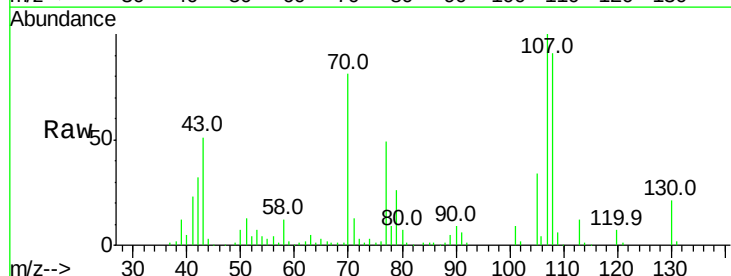


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

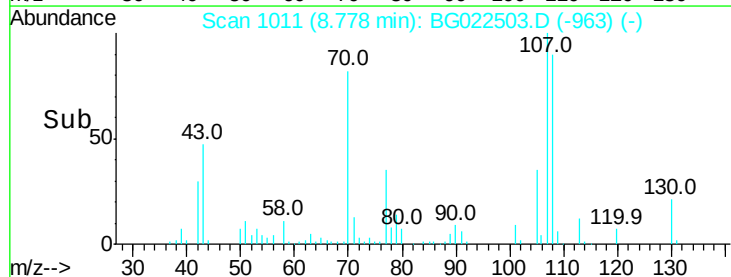
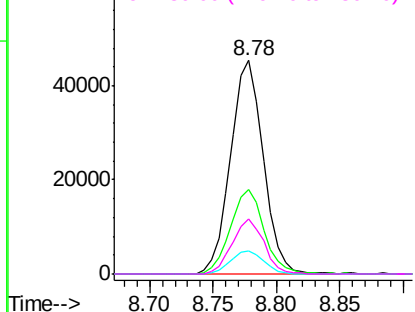


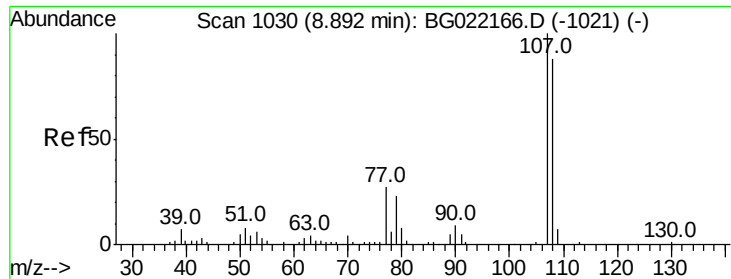
#19
n-Nitroso-di-n-propylamine
Concen: 52.56 ng
RT: 8.78 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion: 70 Resp: 81316
Ion Ratio Lower Upper
70 100
42 39.7 56.7 85.1#
101 10.7 8.2 12.4
130 25.5 14.0 21.0#



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

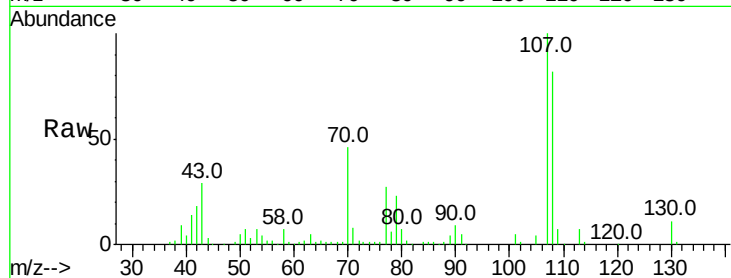




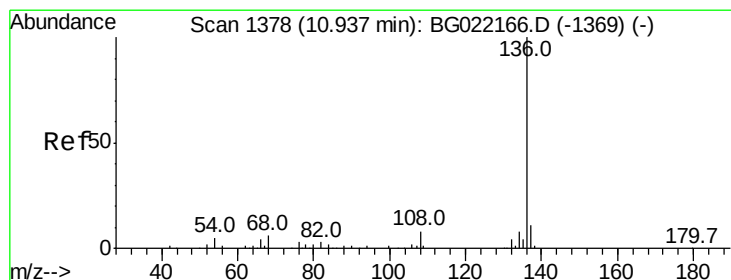
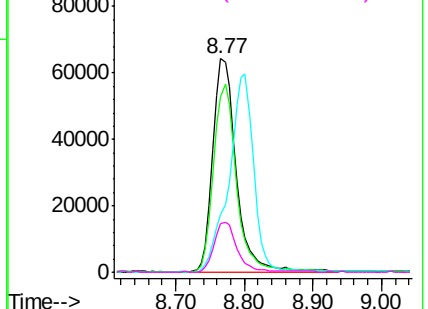
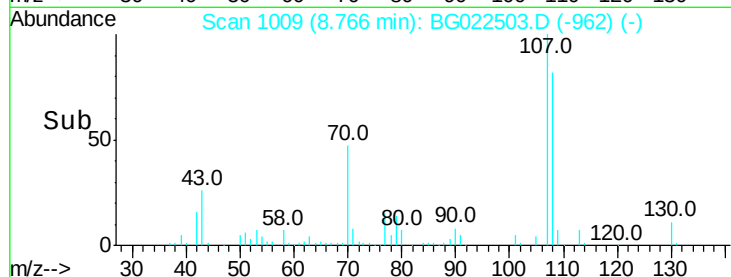
#20
3+4-Methylphenols
Concen: 60.95 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	153710
Ion	Ratio	Lower	Upper
107	100		
108	82.4	66.2	106.2
77	27.1	11.5	51.5
79	22.8	5.6	45.6

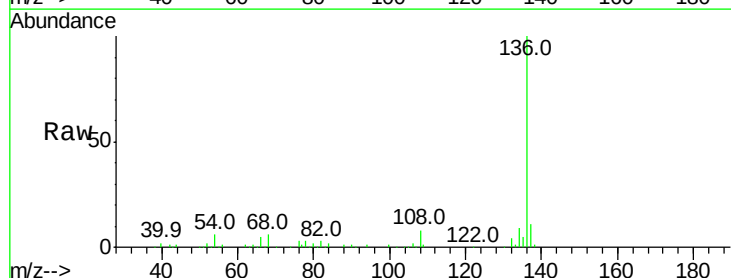


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

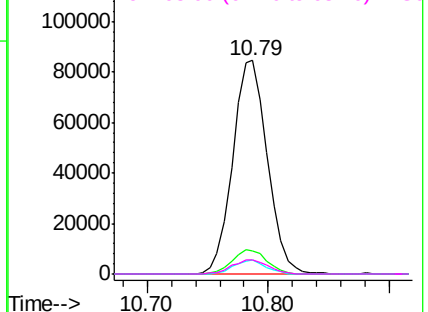
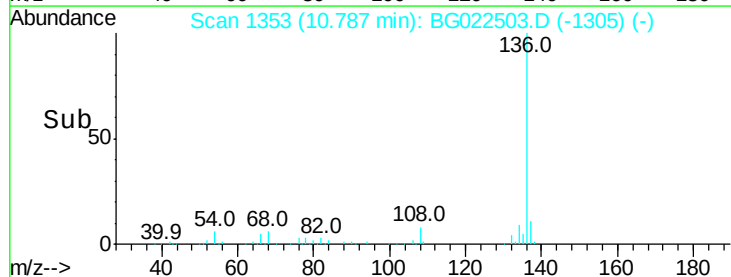


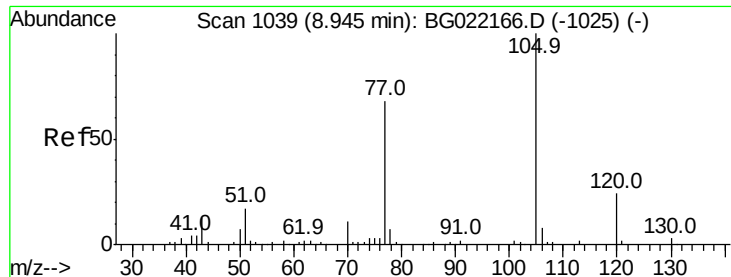
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:	136	Resp:	168745
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	9.6	14.4#
68	6.3	6.4	9.6#



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





#22

Acetophenone

Concen: 43.79 ng

RT: 8.80 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 159255

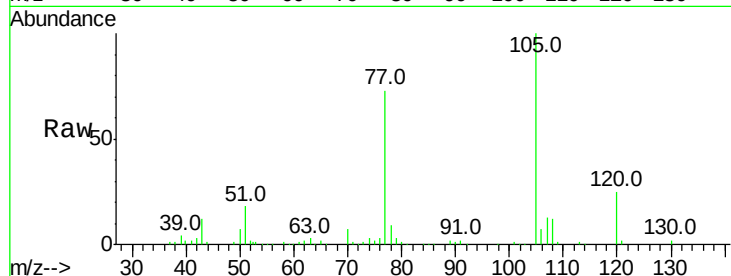
Ion Ratio Lower Upper

105 100

71 1.0 0.0 0.0#

51 18.2 25.7 38.5#

120 25.0 17.0 25.6

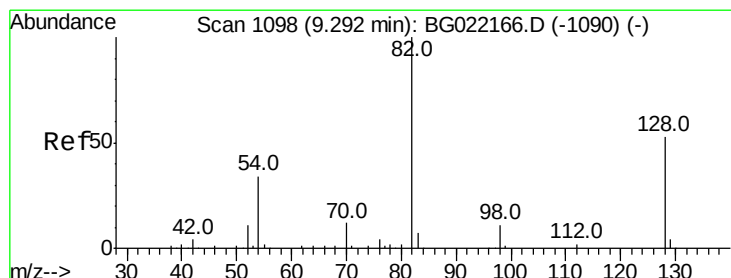
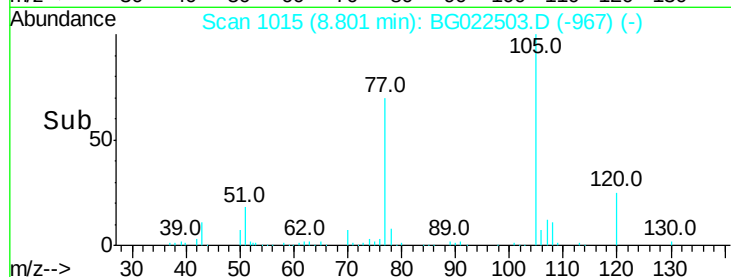
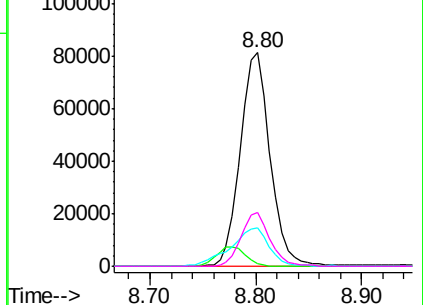


Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.96 ng

RT: 9.14 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

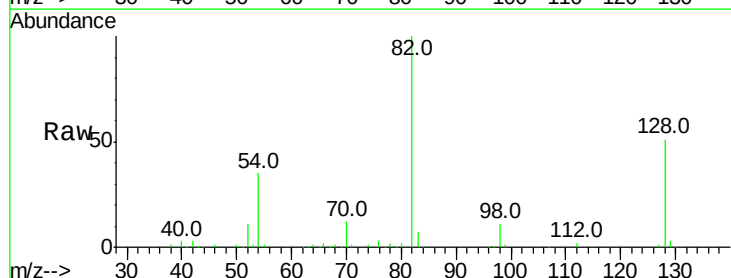
Tgt Ion: 82 Resp: 225004

Ion Ratio Lower Upper

82 100

128 50.6 33.4 50.0#

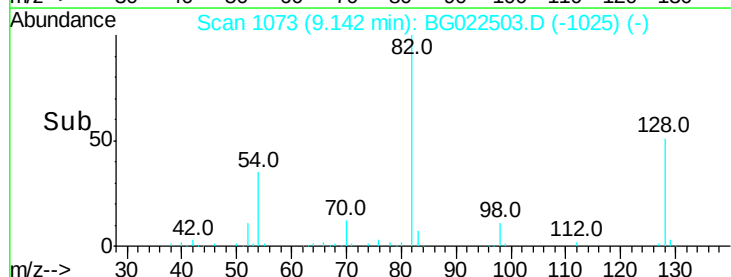
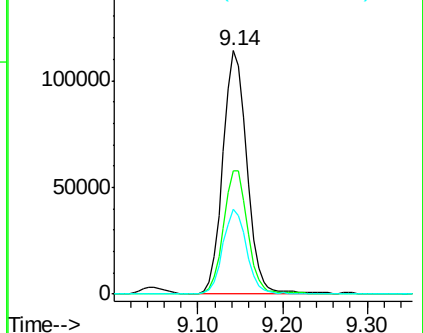
54 34.9 46.1 69.1#

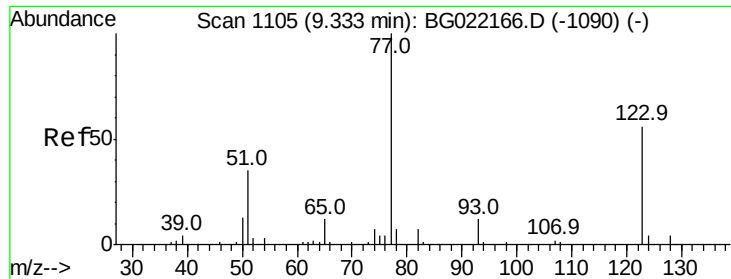


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 47.02 ng

RT: 9.19 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampled :

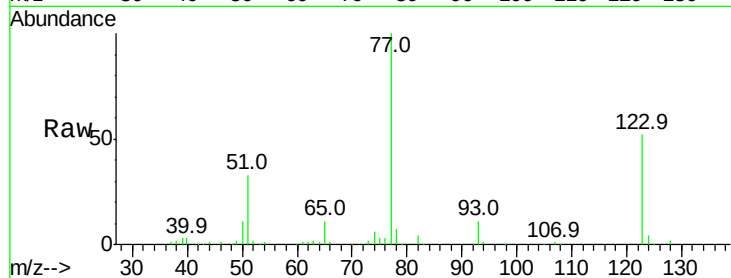
Tot Ion: 77 Resp: 114448

Ion Ratio Lower Upper

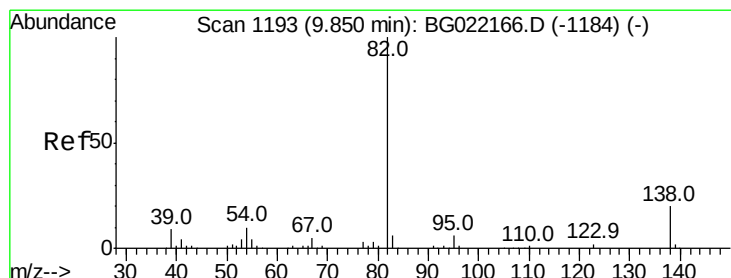
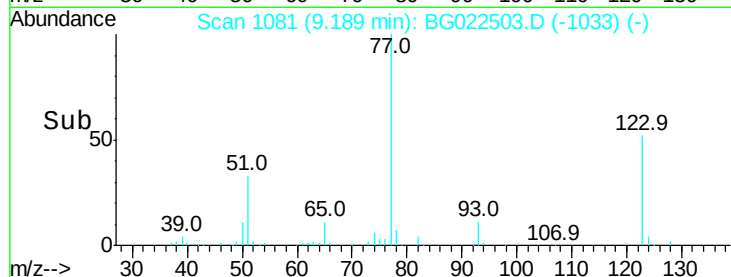
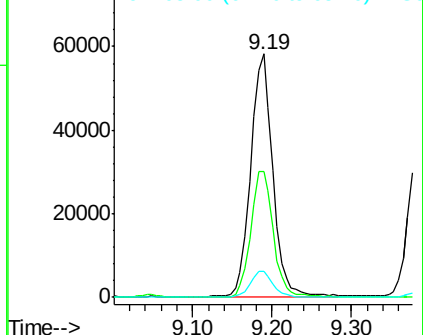
77 100

123 51.6 32.2 48.4#

65 10.7 10.3 15.5



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



#25

Isophorone

Concen: 43.34 ng

RT: 9.71 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

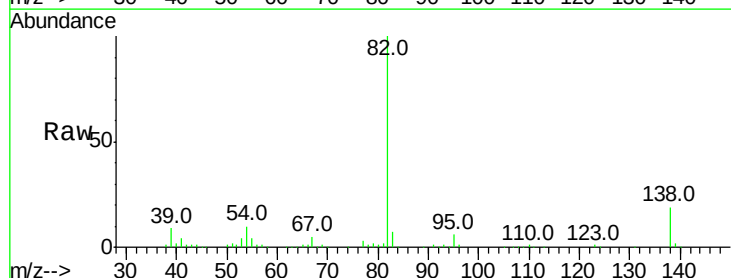
Tgt Ion: 82 Resp: 245402

Ion Ratio Lower Upper

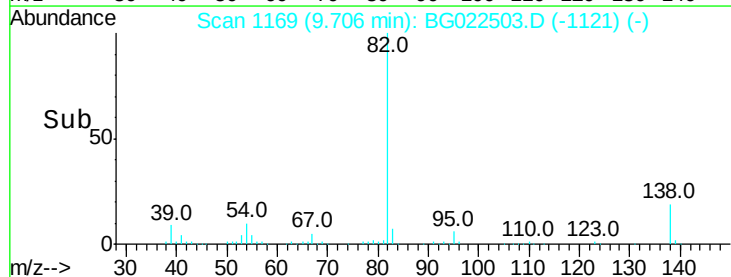
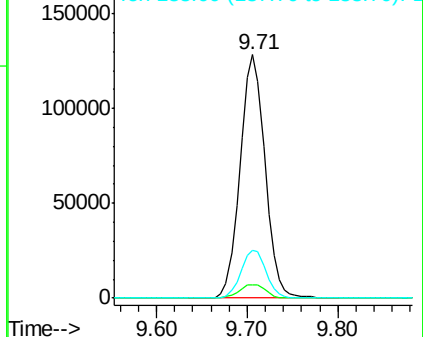
82 100

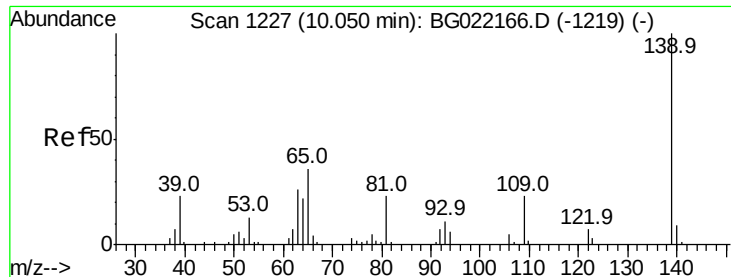
95 5.7 6.0 9.0#

138 19.4 13.4 20.0



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

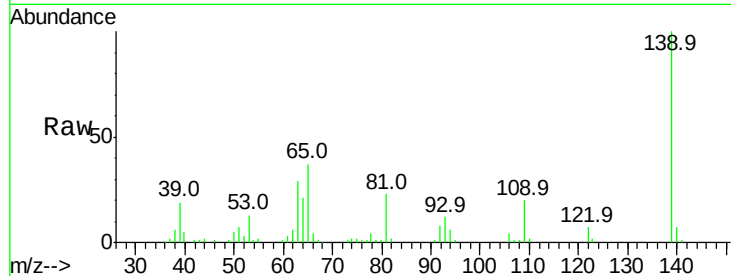




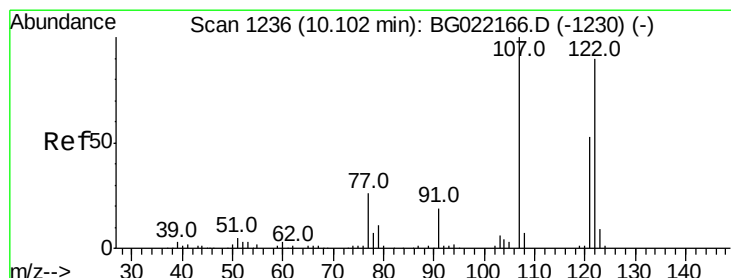
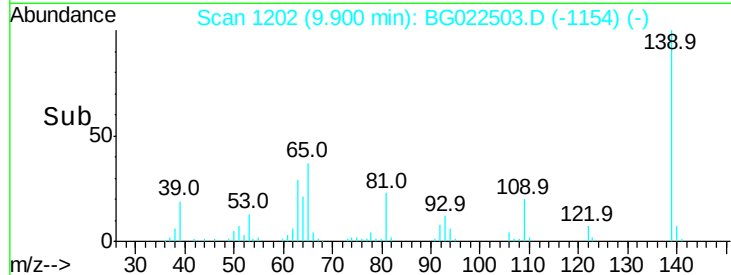
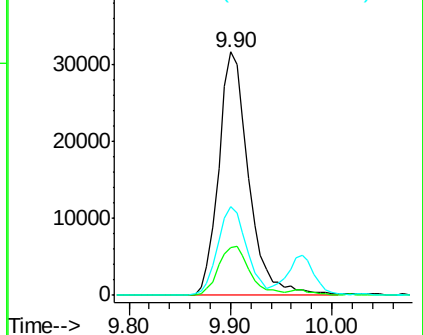
#26
2-Nitrophenol
Concen: 49.22 ng
RT: 9.90 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	19.8	26.6	40.0#
65	36.5	45.3	67.9#

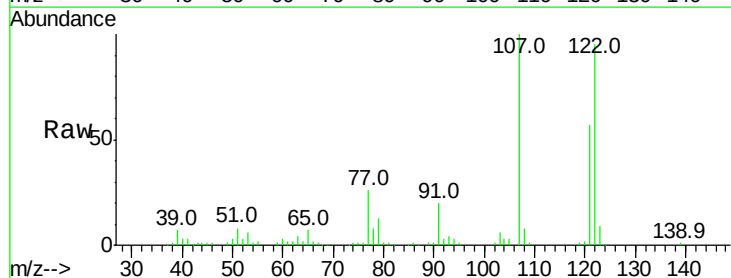


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

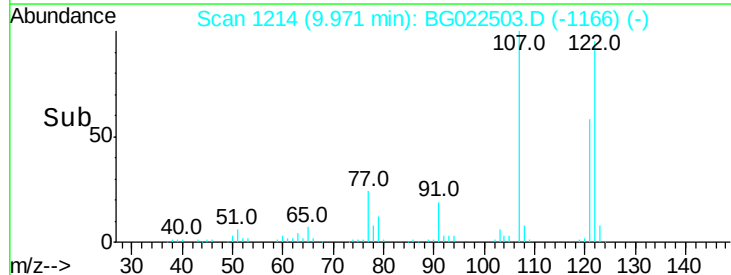
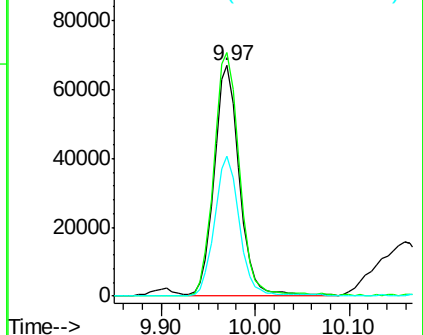


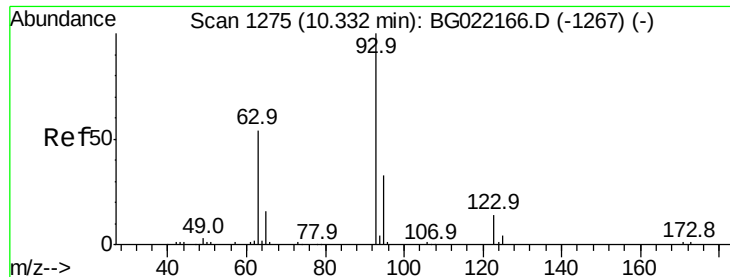
#27
2,4-Dimethylphenol
Concen: 51.79 ng
RT: 9.97 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.6	97.2	145.8
121	60.6	49.0	73.4



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

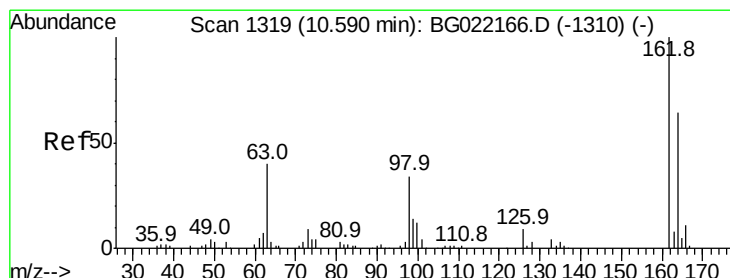
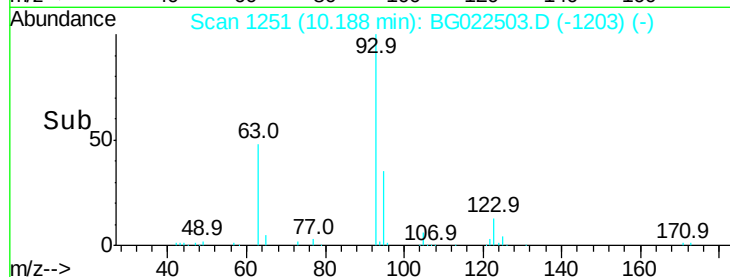
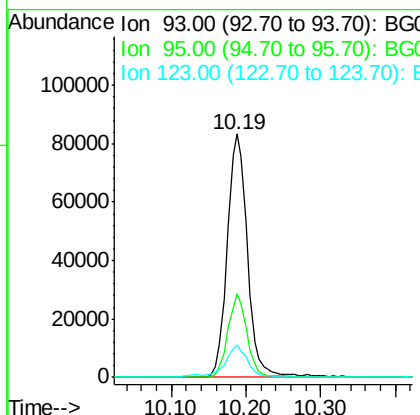
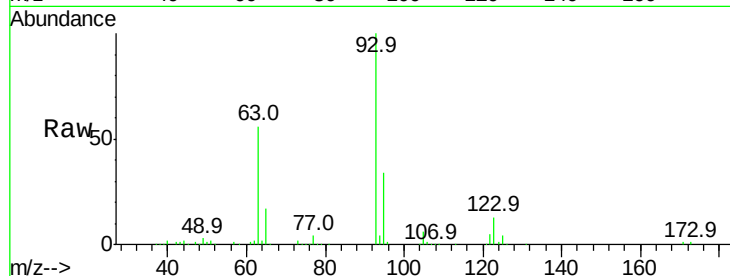




#28
bis(2-Chloroethoxy)methane
Concen: 48.71 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

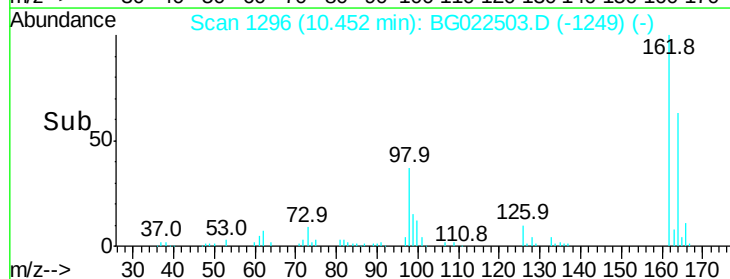
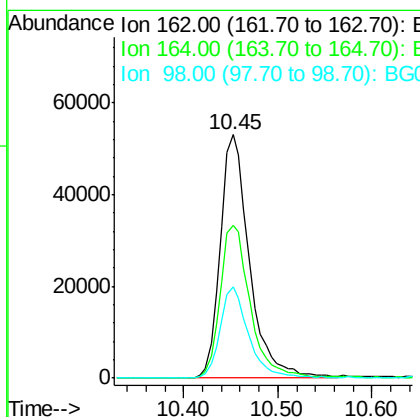
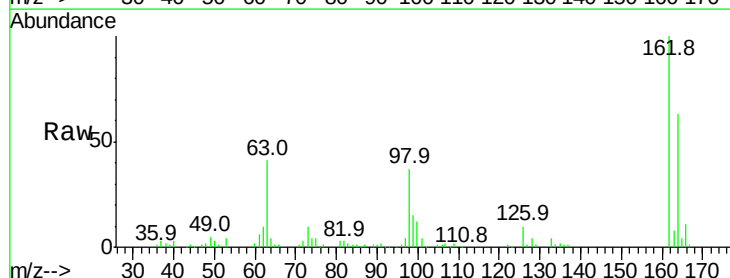
Instrument :
BNA_G
ClientSampled :

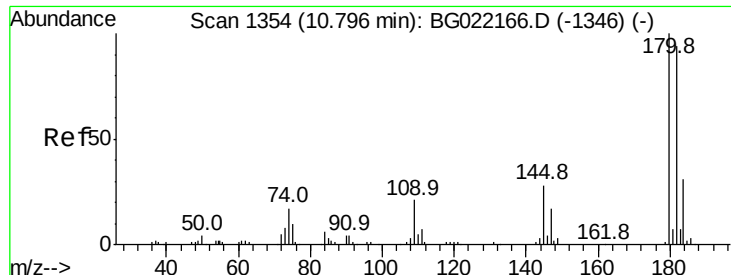
Tot Ion: 93 Resp: 158023
Ion Ratio Lower Upper
93 100
95 34.2 30.1 45.1
123 13.1 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 51.90 ng
RT: 10.45 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:162 Resp: 114852
Ion Ratio Lower Upper
162 100
164 62.9 44.9 84.9
98 37.4 19.2 59.2

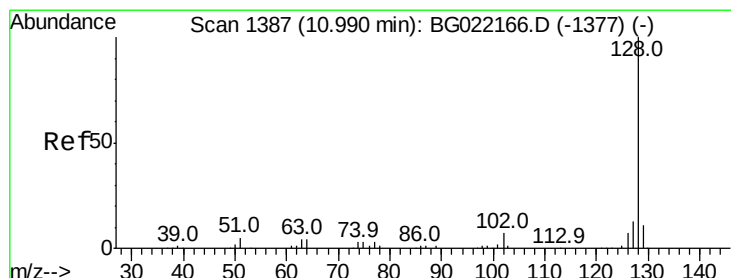
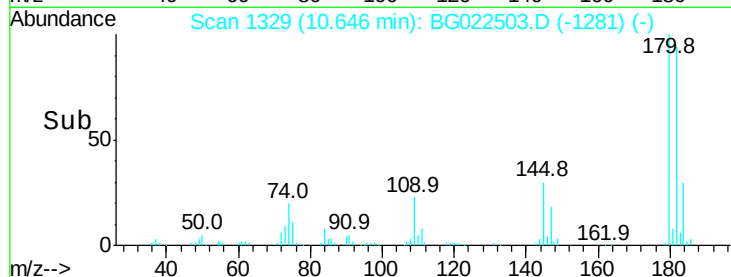
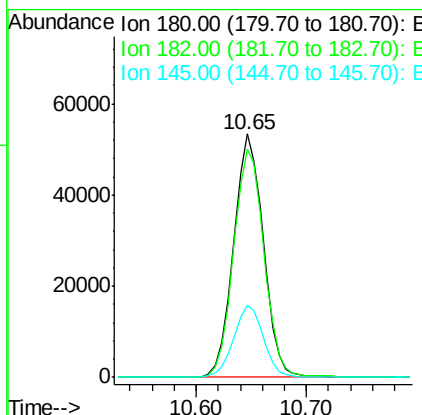
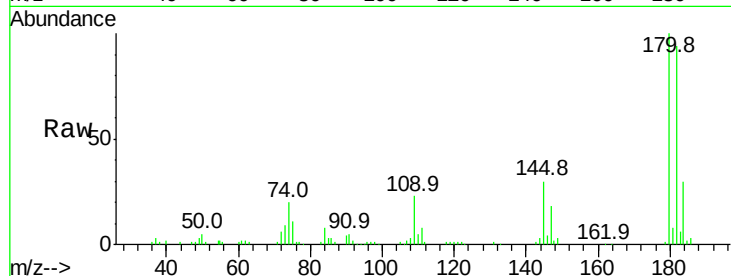




#30
 1,2,4-Trichlorobenzene
 Concen: 40.89 ng
 RT: 10.65 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

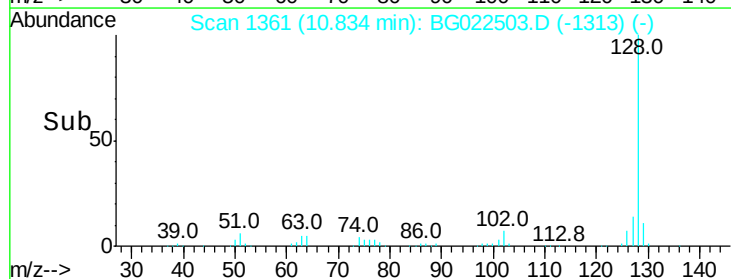
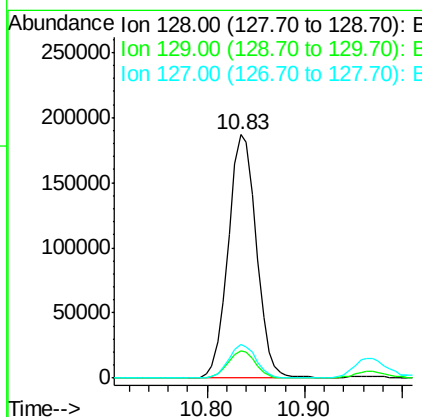
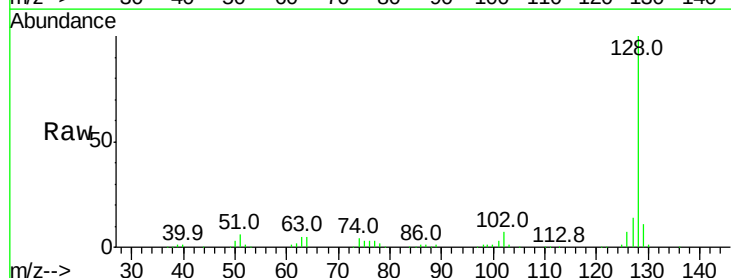
Instrument :
 BNA_G
 ClientSampleId :

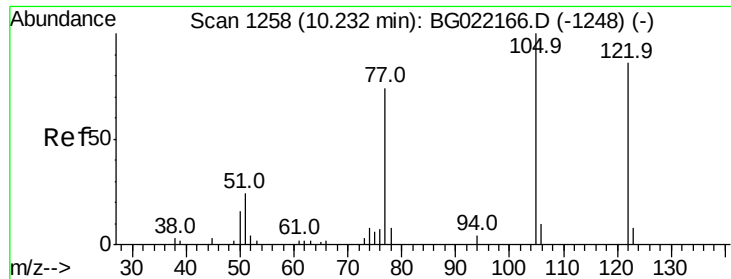
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	82.3	123.5
145	29.8	24.4	36.6



#31
 Naphthalene
 Concen: 44.50 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	7.0	10.6#
127	14.1	10.1	15.1

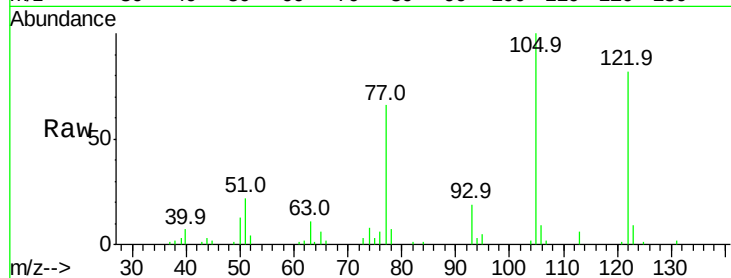




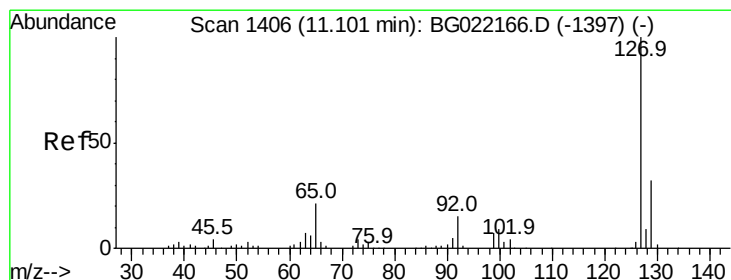
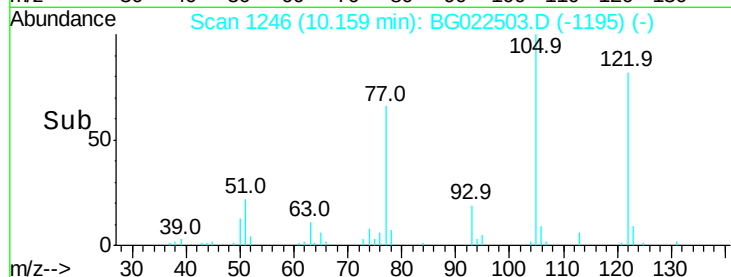
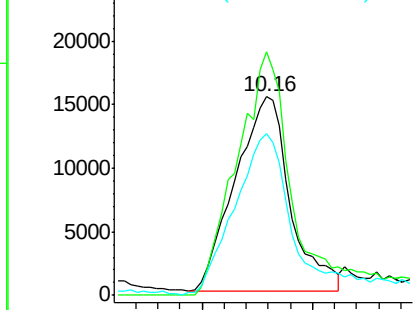
#32
Benzoic acid
Concen: 58.92 ng
RT: 10.16 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 53683
Ion Ratio Lower Upper
122 100
105 122.6 104.5 144.5
77 81.4 79.9 119.9

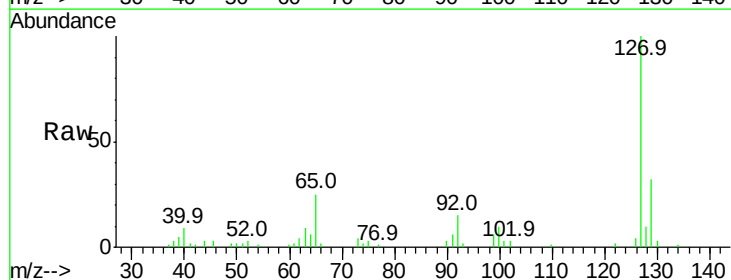


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

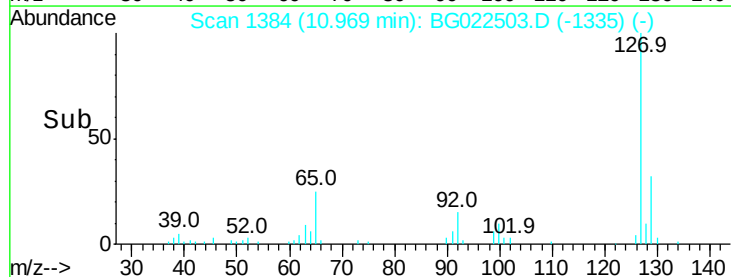
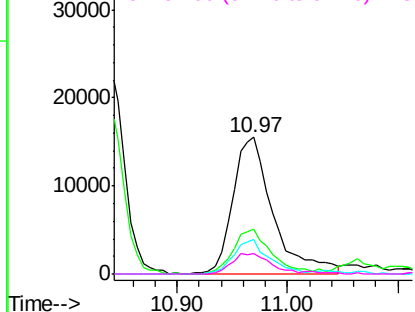


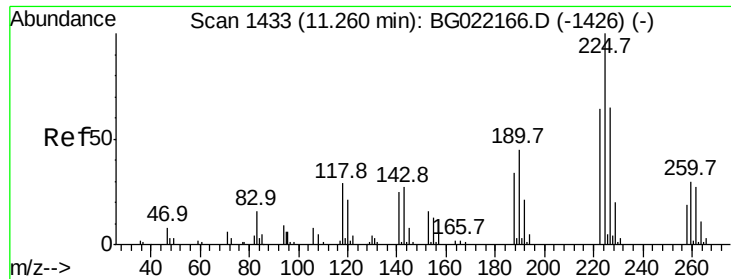
#33
4-Chloroaniline
Concen: 11.32 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:127 Resp: 39653
Ion Ratio Lower Upper
127 100
129 32.4 26.6 39.8
65 24.9 27.5 41.3#
92 14.6 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

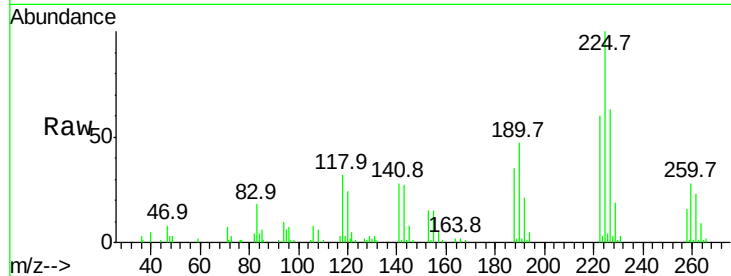




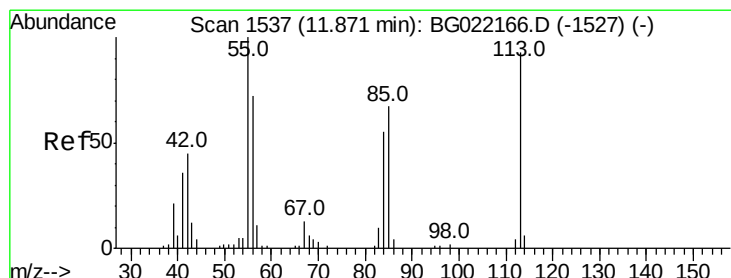
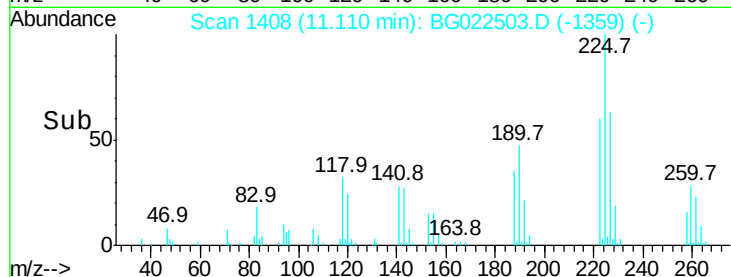
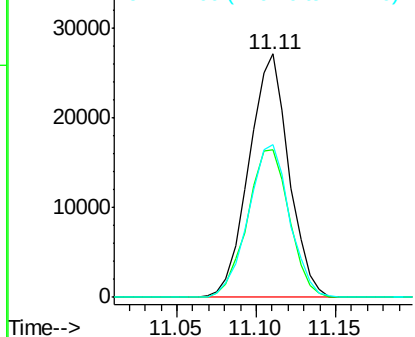
#34
Hexachlorobutadiene
Concen: 35.68 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 47366
Ion Ratio Lower Upper
225 100
223 60.9 52.7 79.1
227 62.9 49.7 74.5

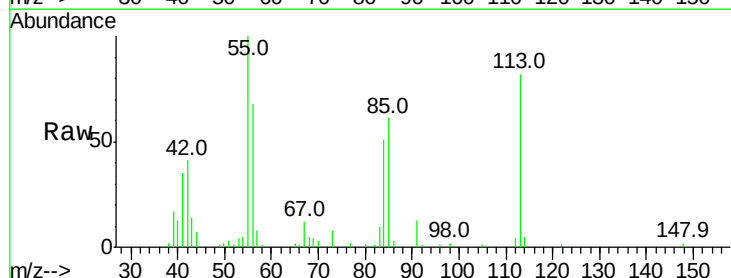


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

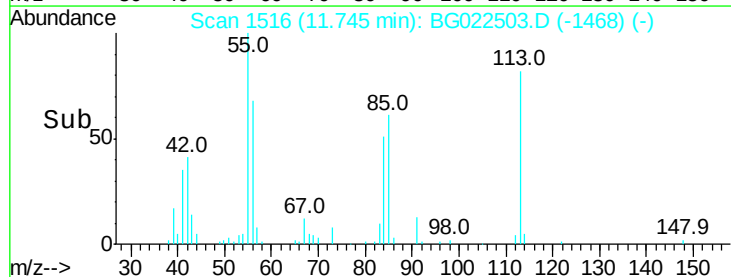
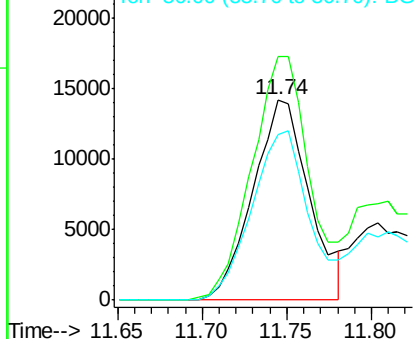


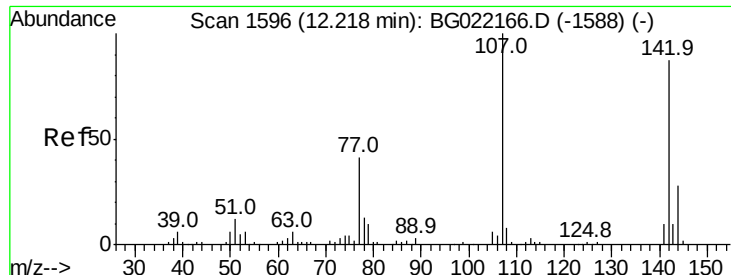
#35
Caprolactam
Concen: 27.11 ng
RT: 11.74 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:113 Resp: 32917
Ion Ratio Lower Upper
113 100
55 121.4 194.2 234.2#
56 82.2 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0

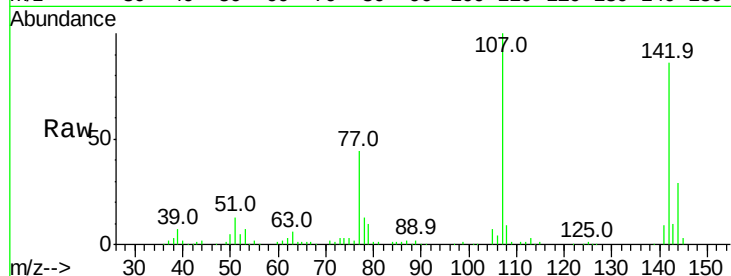




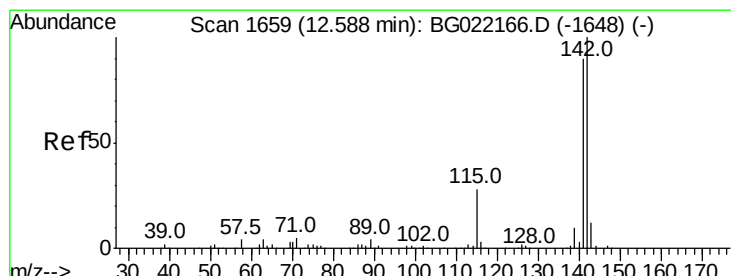
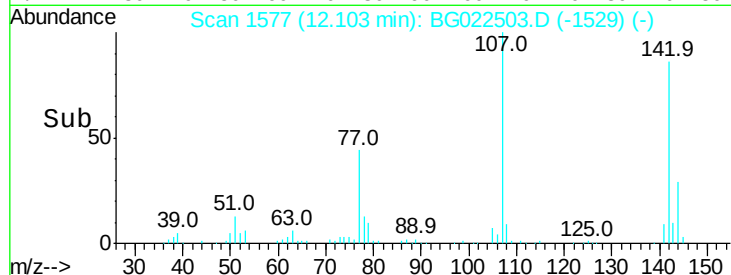
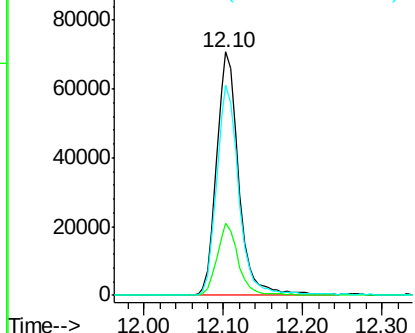
#36
 4-Chloro-3-methylphenol
 Concen: 52.17 ng
 RT: 12.10 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:107 Resp: 136854
 Ion Ratio Lower Upper
 107 100
 144 29.4 19.2 28.8#
 142 86.2 59.1 88.7

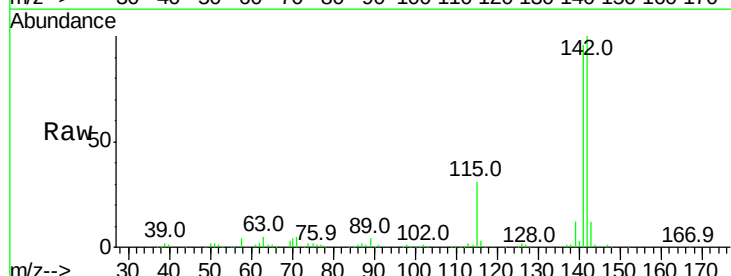


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

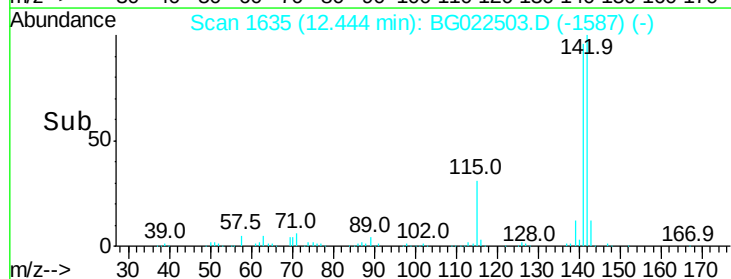
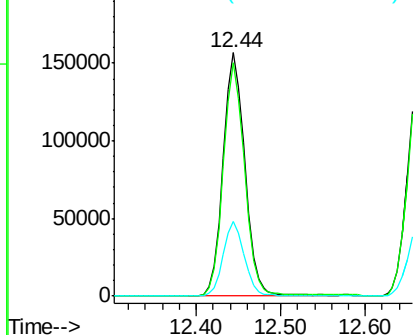


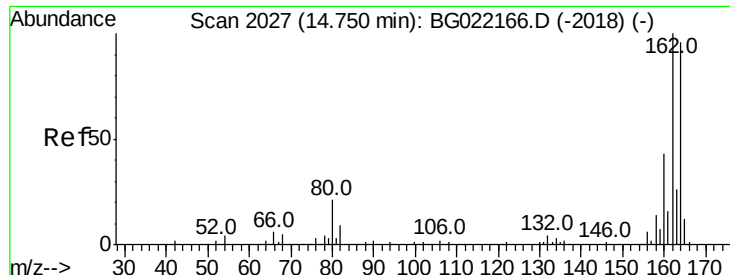
#37
 2-Methylnaphthalene
 Concen: 45.26 ng
 RT: 12.44 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion:142 Resp: 281458
 Ion Ratio Lower Upper
 142 100
 141 95.6 71.4 107.0
 115 30.6 27.4 41.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampled :

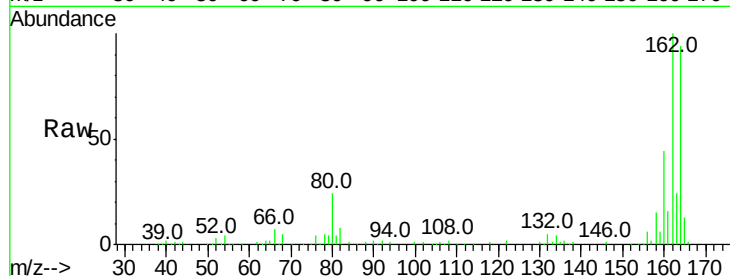
Tot Ion:164 Resp: 106997

Ion Ratio Lower Upper

164 100

162 106.4 78.0 117.0

160 46.3 32.9 49.3

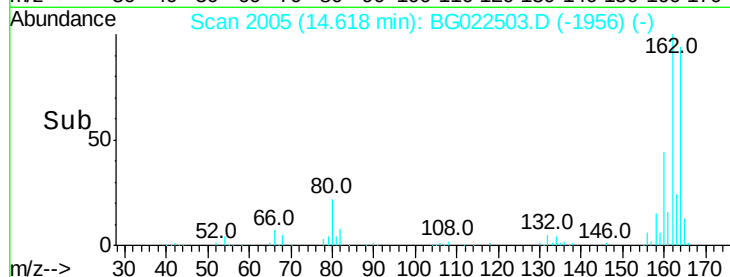


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

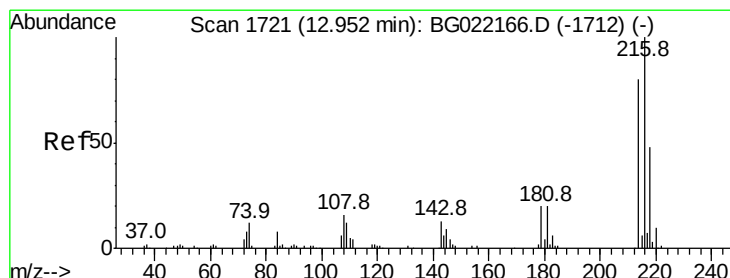
Ion 160.00 (159.70 to 160.70): E

Time-->



Abundance

Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.26 ng

RT: 12.81 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Tgt Ion:216 Resp: 110902

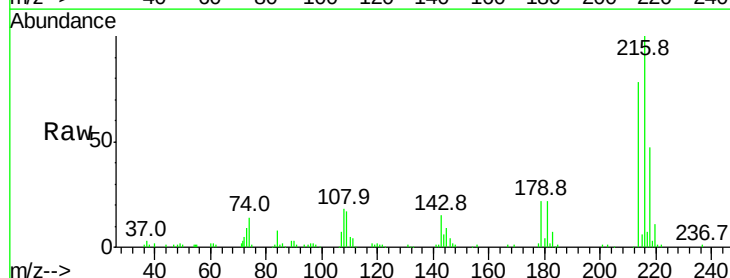
Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.2

179 22.3 16.7 25.1

108 20.3 14.0 21.0



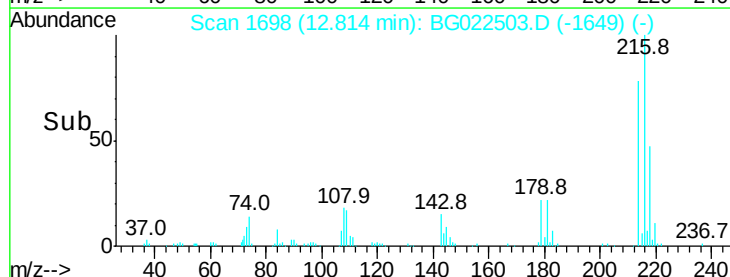
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

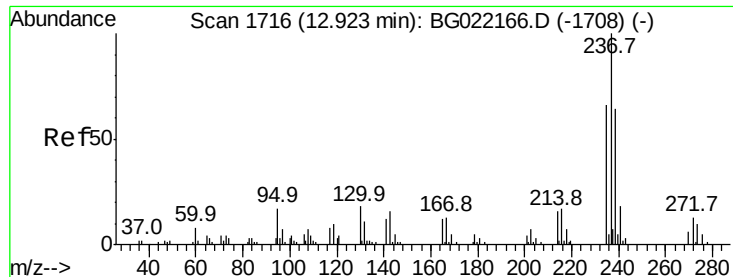
Ion 108.00 (107.70 to 108.70): E

Time-->



Abundance

Time-->



#40

Hexachlorocyclopentadiene

Concen: 34.07 ng

RT: 12.78 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

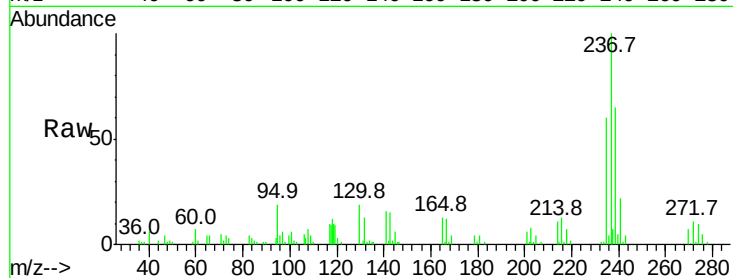
Tot Ion:237 Resp: 43411

Ion	Ratio	Lower	Upper
237	100		
235	59.9	43.2	83.2
272	11.4	0.0	33.4

237 100

235 59.9 43.2 83.2

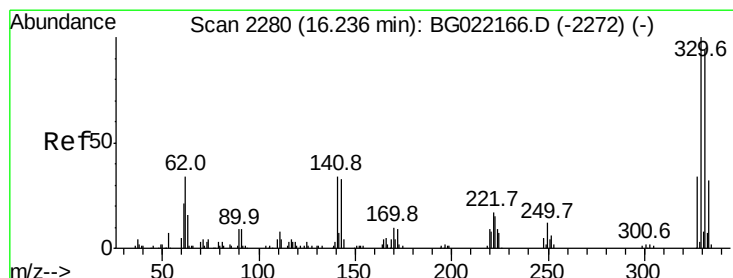
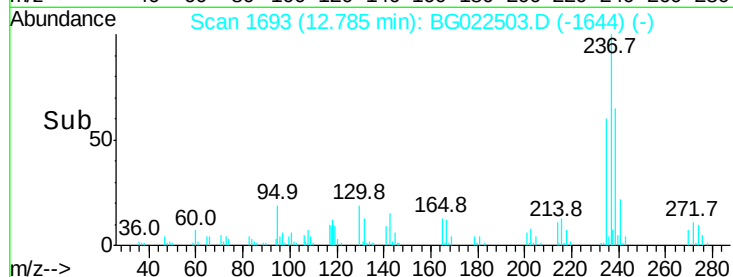
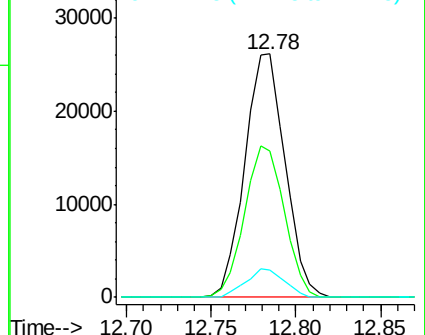
272 11.4 0.0 33.4



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: 107.06 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

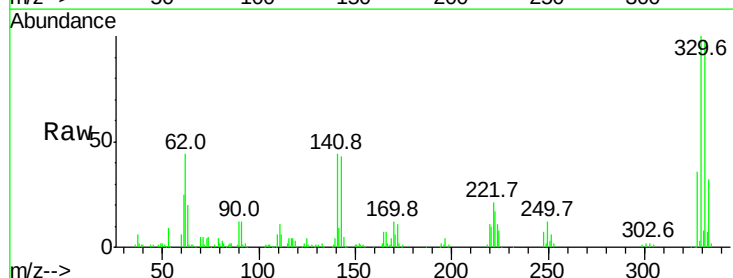
Tgt Ion:330 Resp: 129431

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.0	117.0
141	46.5	33.8	50.8

330 100

332 94.8 78.0 117.0

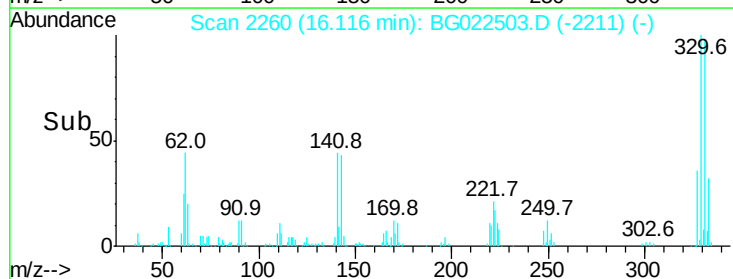
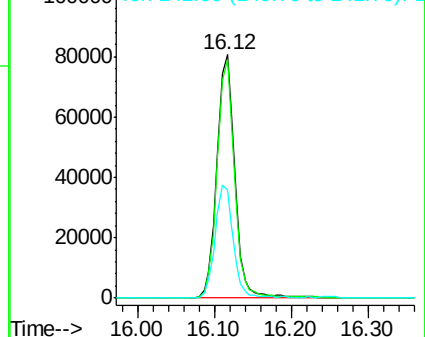
141 46.5 33.8 50.8

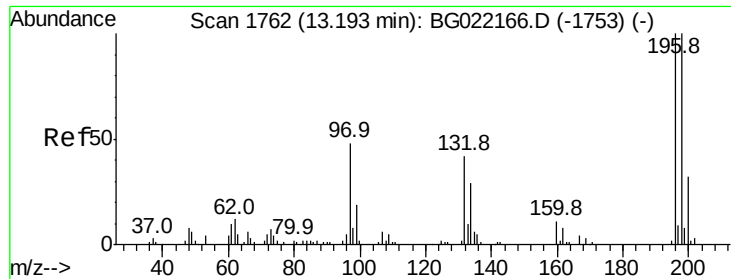


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

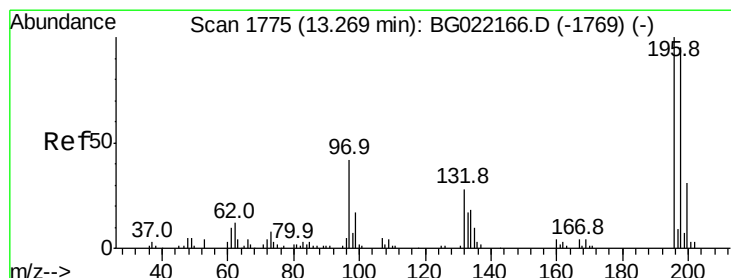
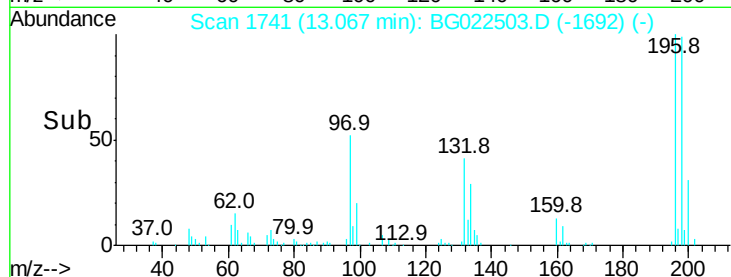
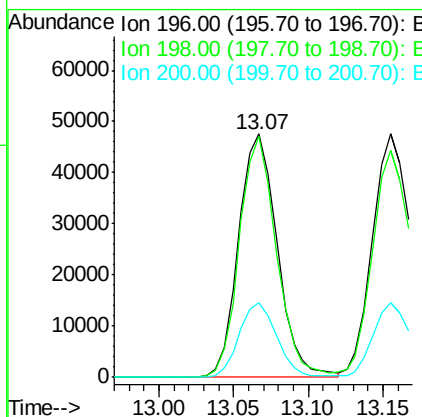
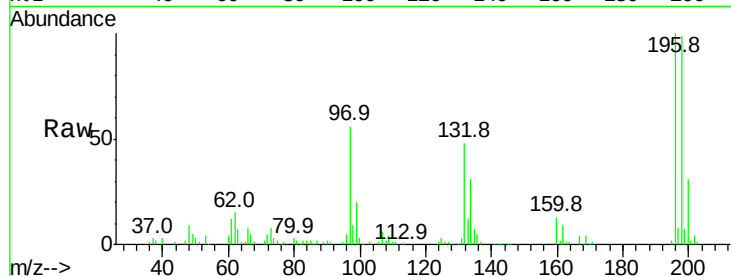




#42
 2,4,6-Trichlorophenol
 Concen: 46.40 ng
 RT: 13.07 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

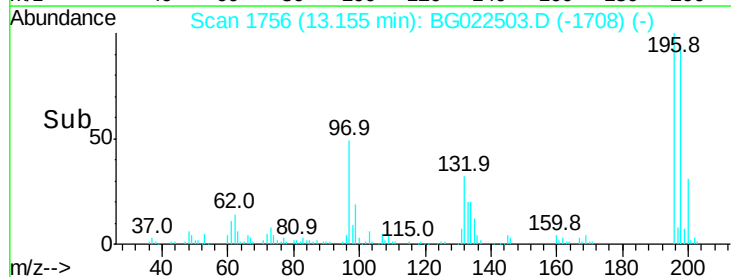
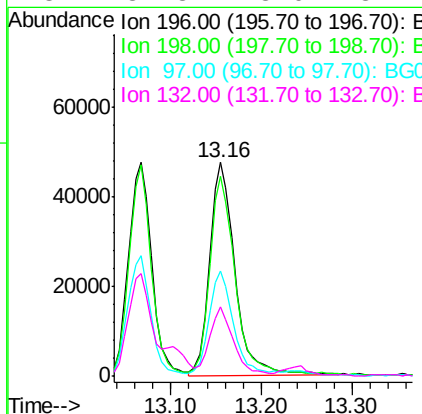
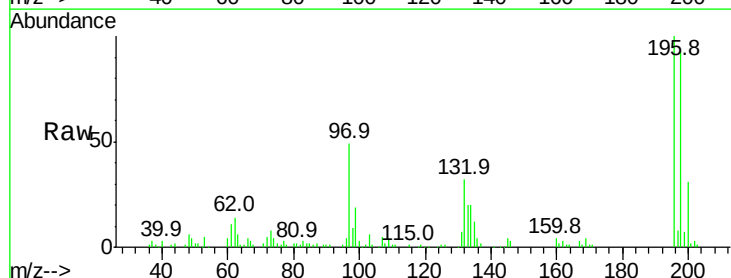
Instrument :
 BNA_G
 ClientSampleId :

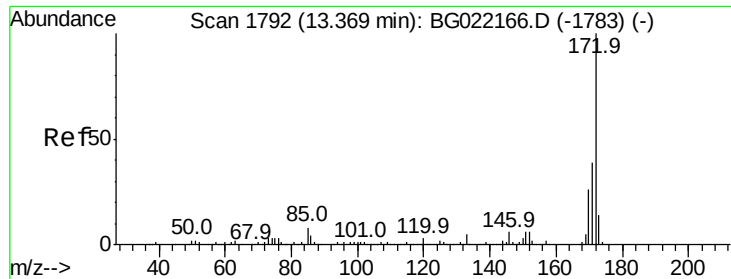
Tot Ion	196	Resp	85729
Ion	Ratio	Lower	Upper
196	100		
198	98.8	80.1	120.1
200	30.6	24.1	36.1



#43
 2,4,5-Trichlorophenol
 Concen: 44.86 ng
 RT: 13.16 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion	196	Resp	91568
Ion	Ratio	Lower	Upper
196	100		
198	93.3	78.0	117.0
97	49.3	43.0	64.6
132	32.3	23.0	34.4

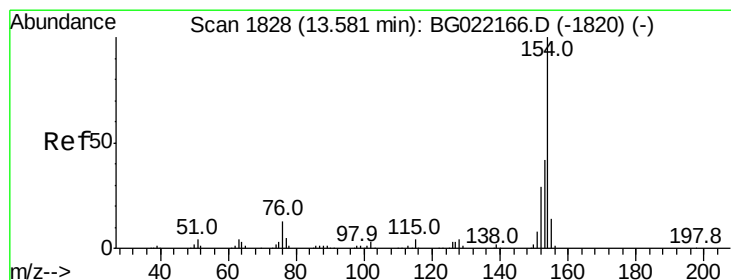
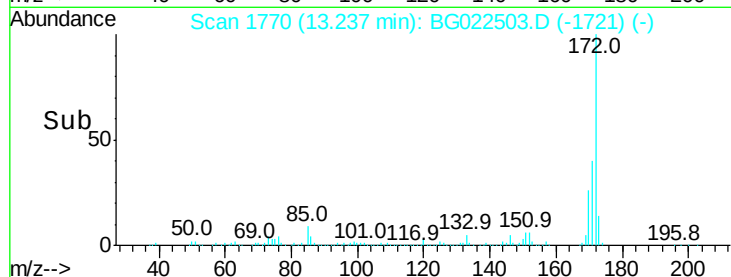
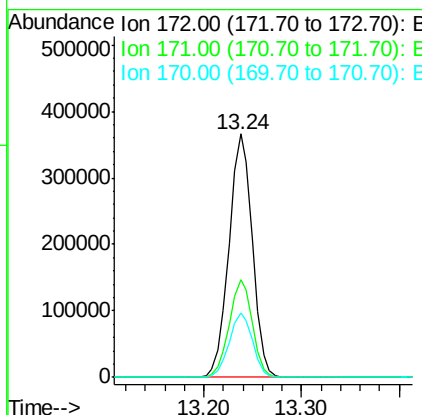
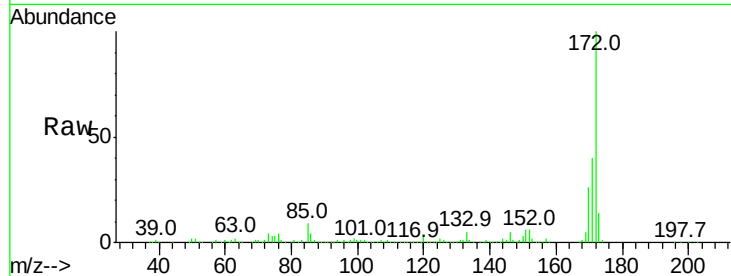




#44
 2-Fluorobiphenyl
 Concen: 86.23 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

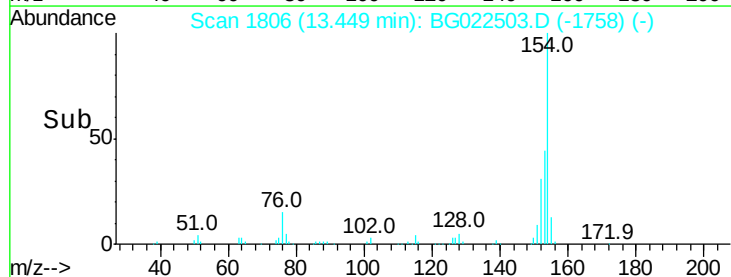
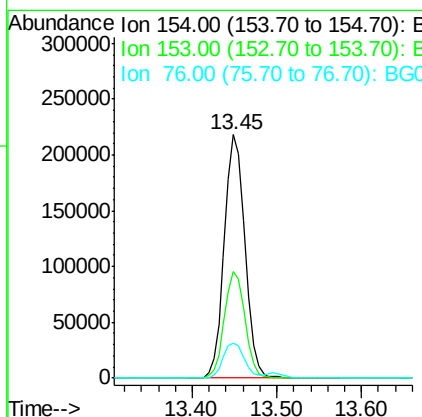
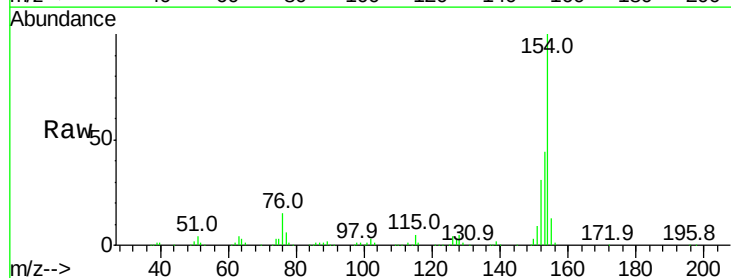
Instrument :
 BNA_G
 ClientSampleId :

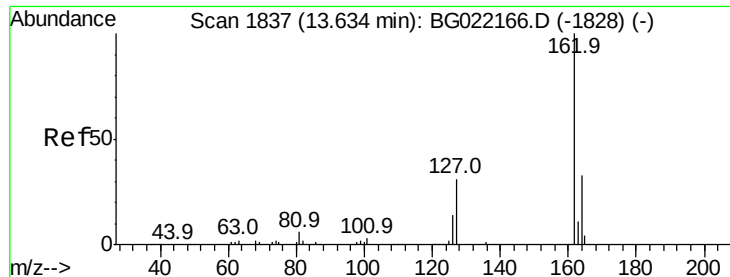
Tot Ion	Ratio	Lower	Upper
172	100		
171	40.1	27.8	41.6
170	26.4	19.6	29.4



#45
 1,1'-Biphenyl
 Concen: 45.75 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	19.7	59.7
76	14.6	0.0	33.0

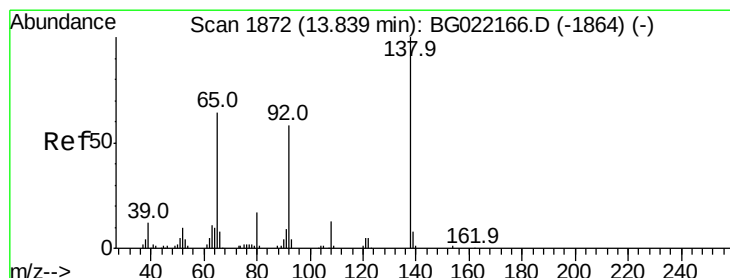
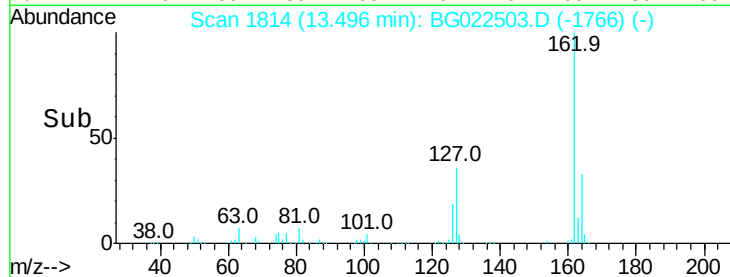
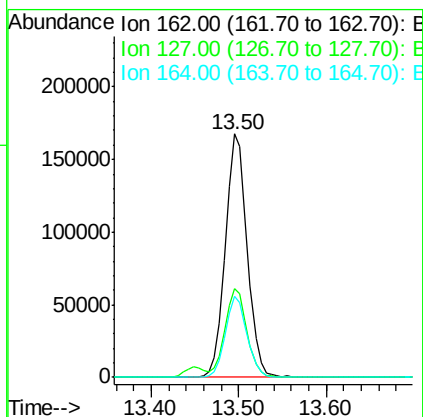
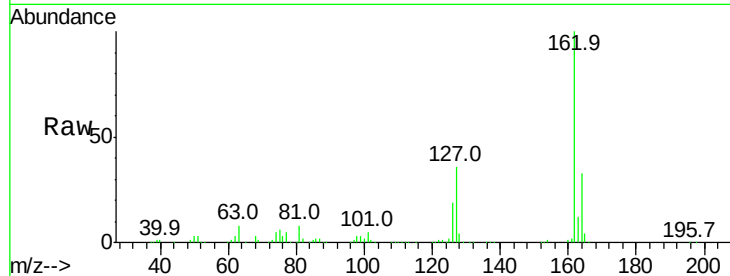




#46
2-Chloronaphthalene
Concen: 46.49 ng
RT: 13.50 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

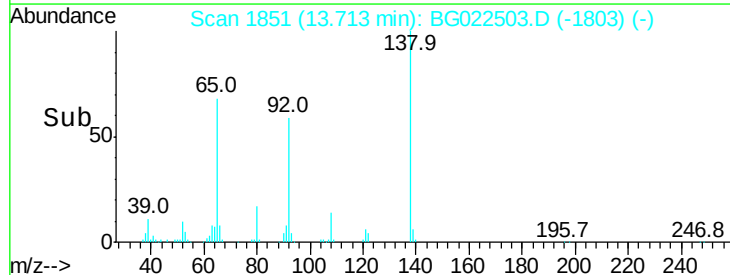
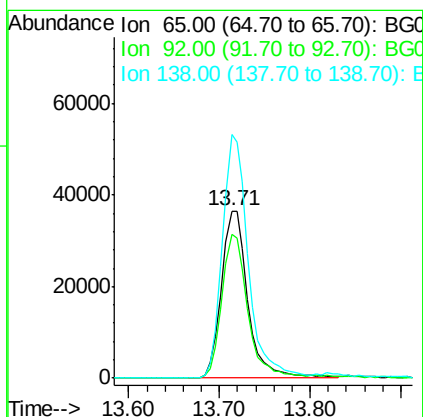
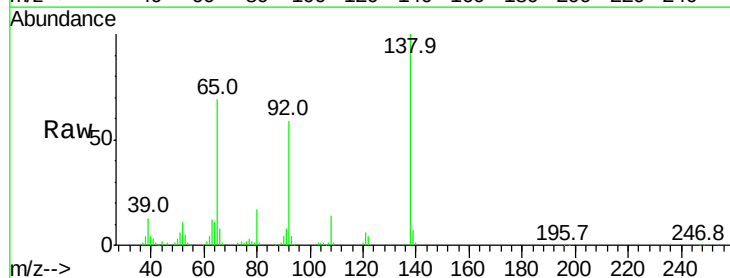
Instrument :
BNA_G
ClientSampleId :

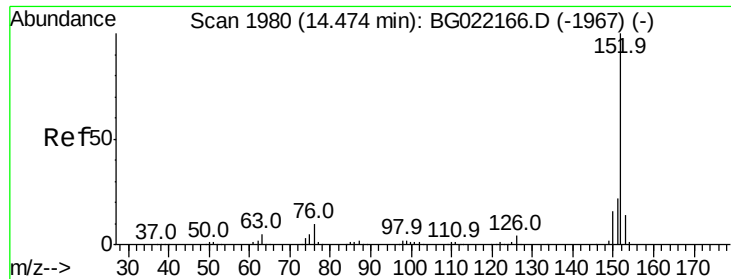
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	32.0	48.0
164	33.2	27.0	40.4



#47
2-Nitroaniline
Concen: 50.54 ng
RT: 13.71 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	86.2	49.2	73.8#
138	145.8	75.0	112.6#





#48

Acenaphthylene

Concen: 45.30 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

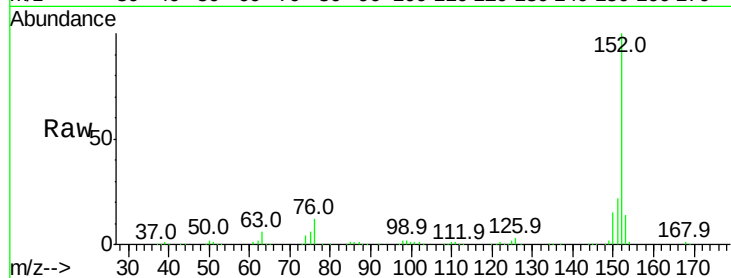
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 490657

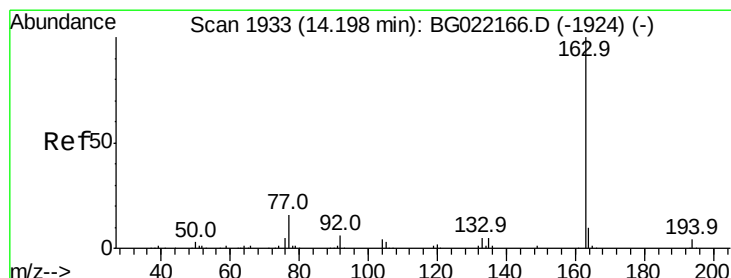
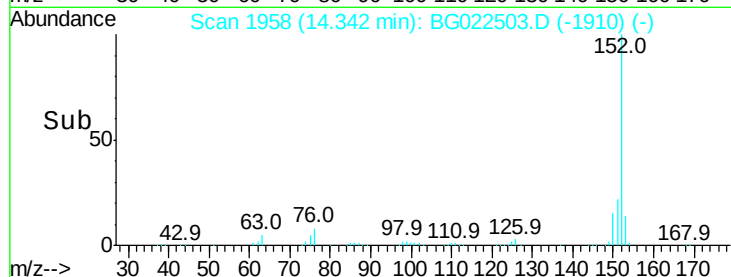
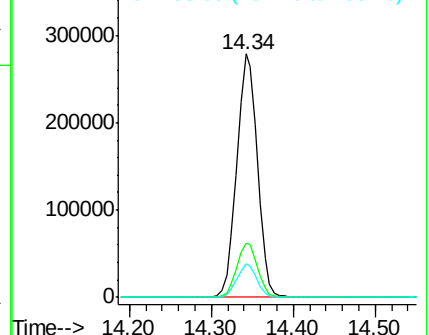
Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.6	24.8
153	13.7	10.2	15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.49 ng

RT: 14.07 min Scan# 1912

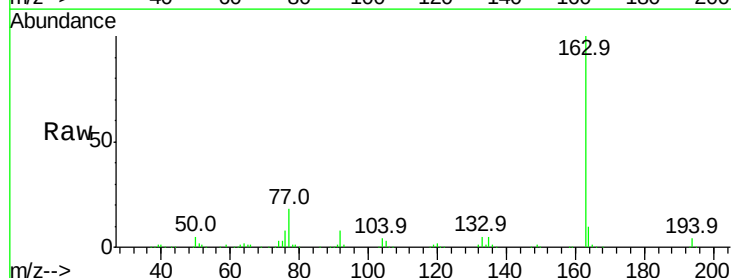
Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Tgt Ion:163 Resp: 368090

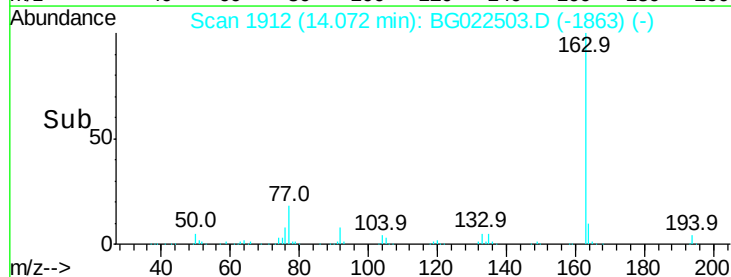
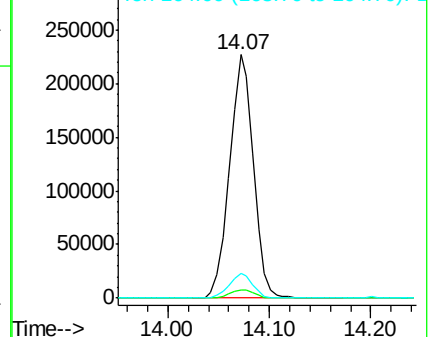
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.3	8.1	12.1

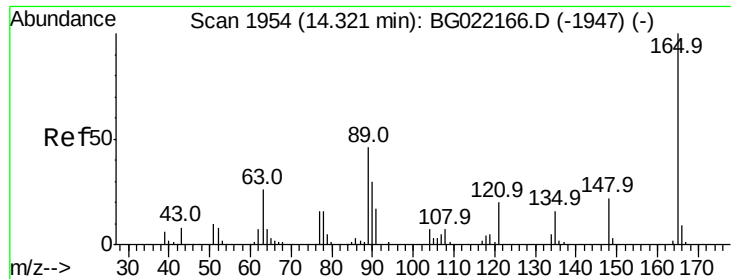


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

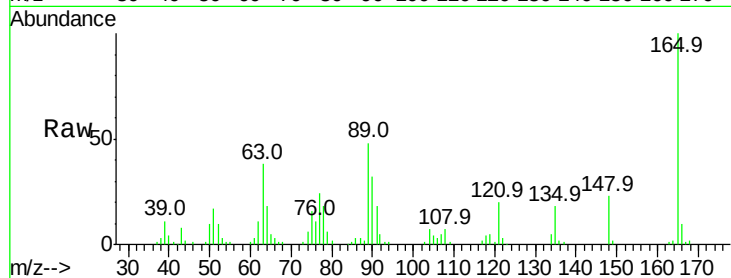




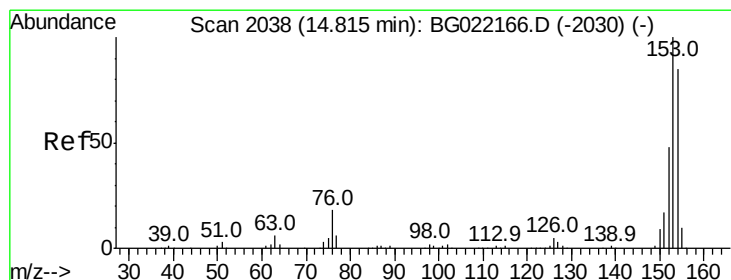
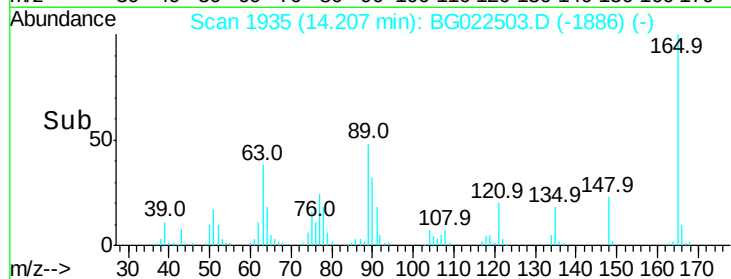
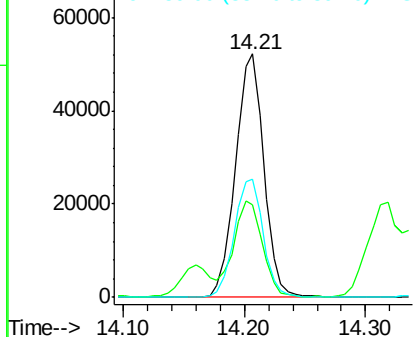
#50
 2,6-Dinitrotoluene
 Concen: 44.29 ng
 RT: 14.21 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 85411
 Ion Ratio Lower Upper
 165 100
 63 38.1 48.2 72.4#
 89 48.4 45.3 67.9

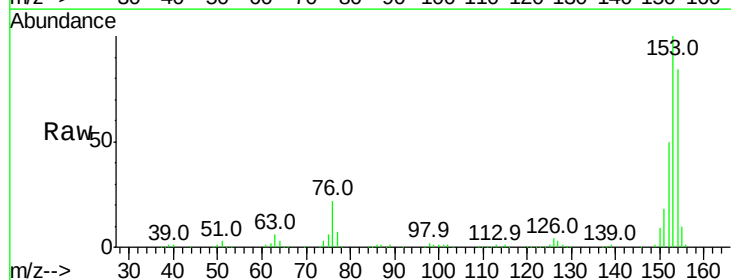


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

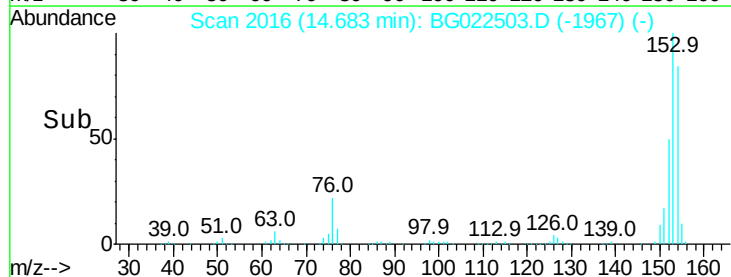
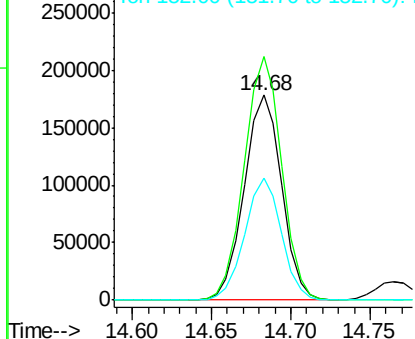


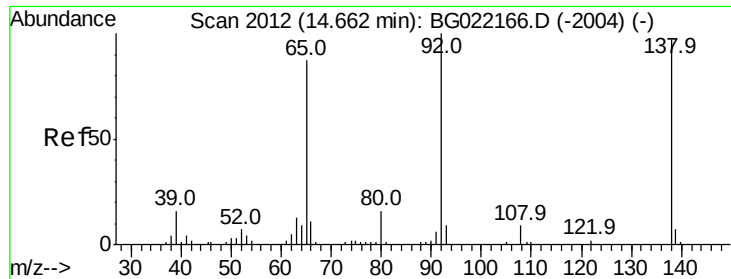
#51
 Acenaphthene
 Concen: 45.02 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion:154 Resp: 292133
 Ion Ratio Lower Upper
 154 100
 153 118.9 91.9 137.9
 152 59.8 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

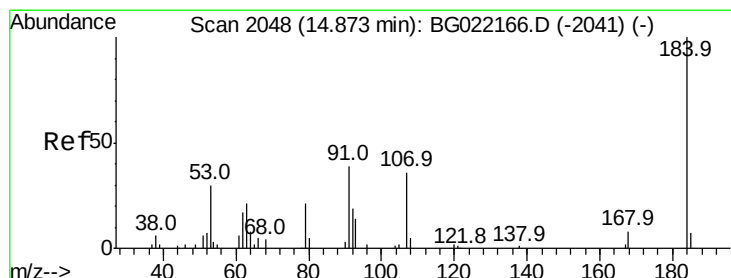
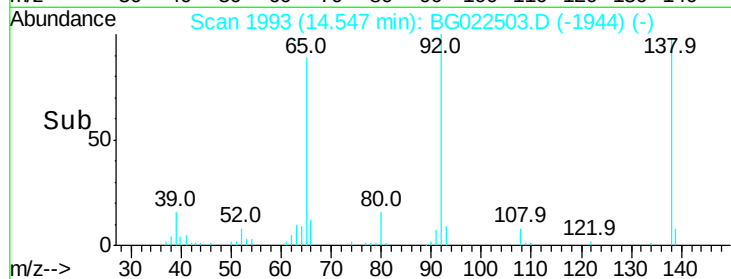
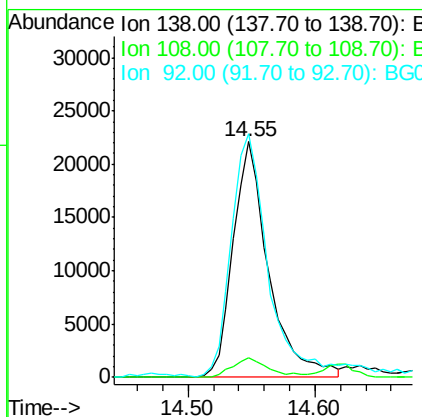
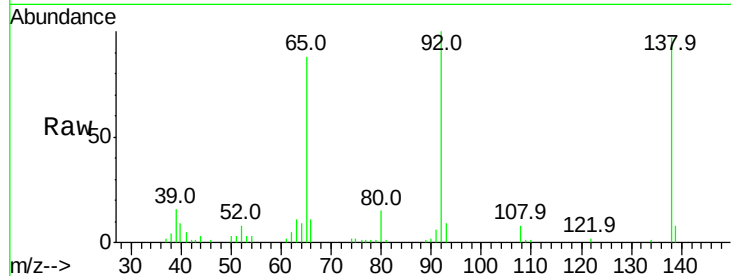




#52
 3-Nitroaniline
 Concen: 19.99 ng
 RT: 14.55 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

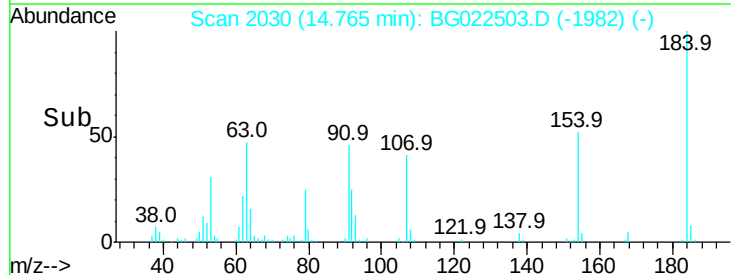
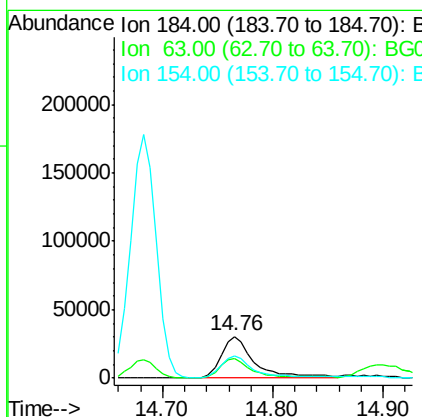
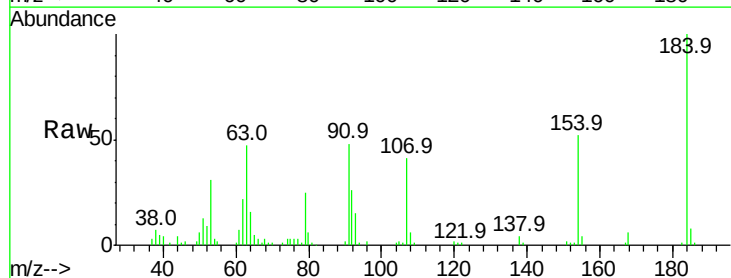
Instrument :
 BNA_G
 ClientSampleId :

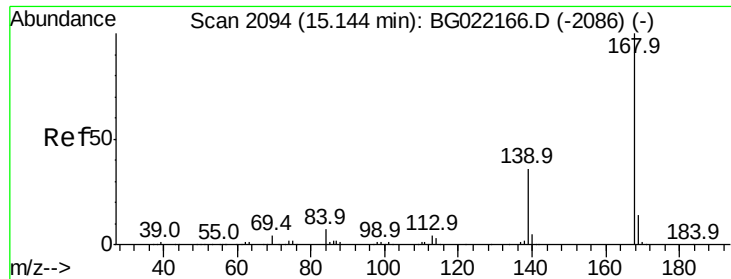
Tot Ion:138 Resp: 42755
 Ion Ratio Lower Upper
 138 100
 108 8.4 9.1 13.7#
 92 103.4 102.6 154.0



#53
 2,4-Dinitrophenol
 Concen: 81.65 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion:184 Resp: 64510
 Ion Ratio Lower Upper
 184 100
 63 47.0 57.3 85.9#
 154 52.3 55.2 82.8#

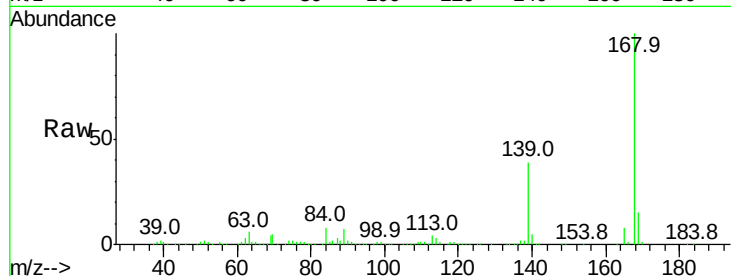




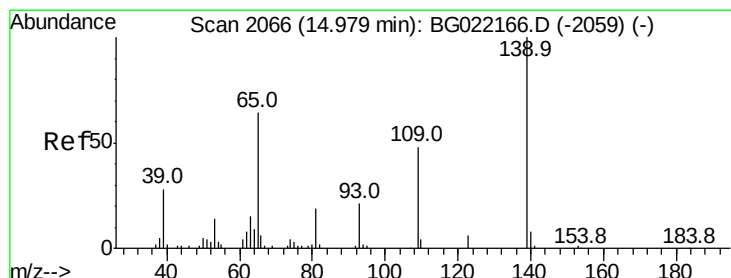
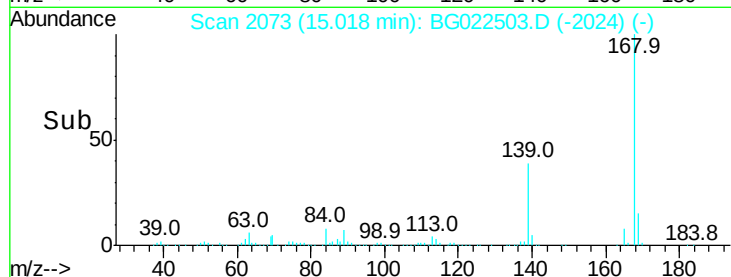
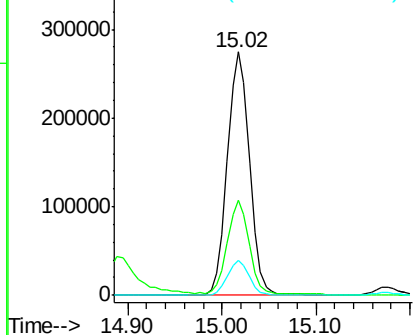
#54
Dibenzenofuran
Concen: 44.47 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	14.5	11.0	16.6

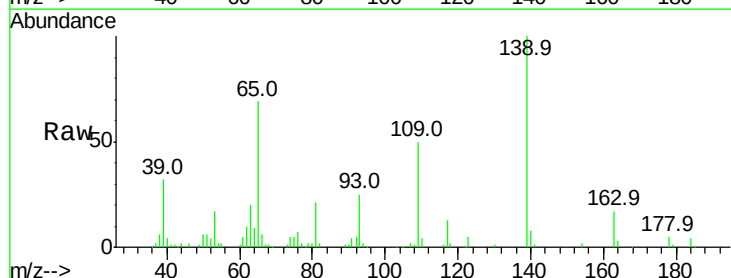


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

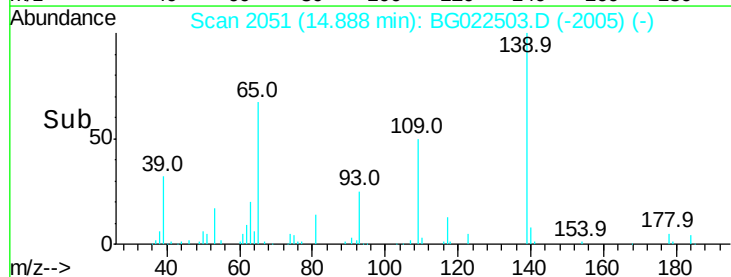
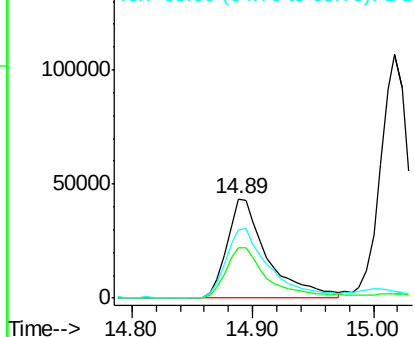


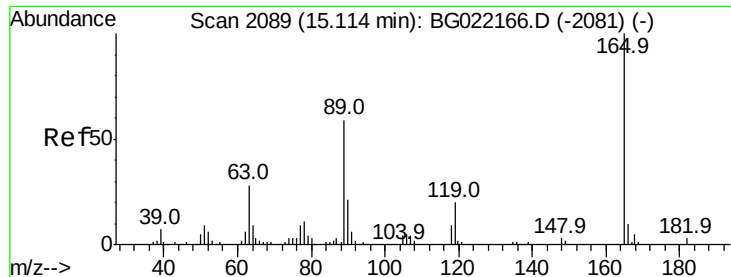
#55
4-Nitrophenol
Concen: 68.44 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	50.4	49.2	89.2
65	69.5	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): BGO

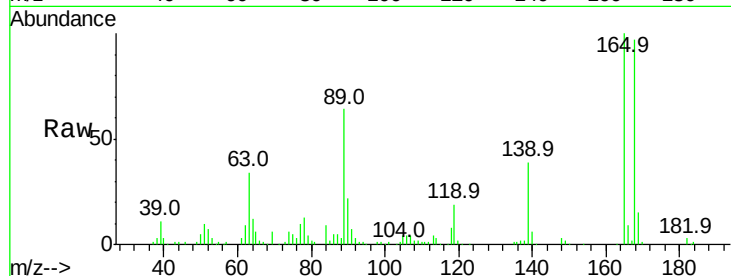




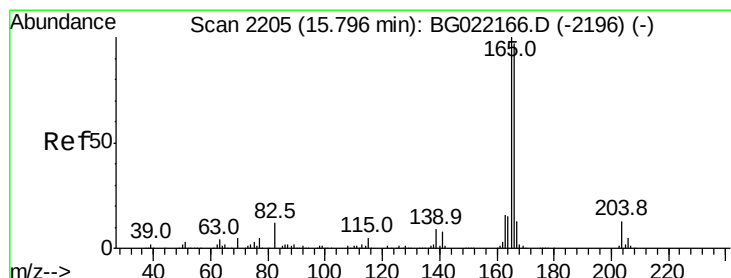
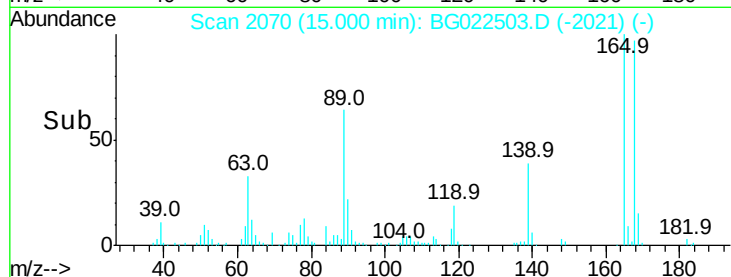
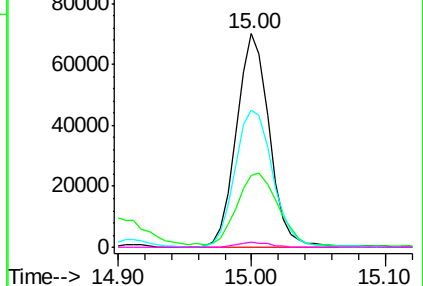
#56
2,4-Dinitrotoluene
Concen: 46.36 ng
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 119928
Ion Ratio Lower Upper
165 100
63 33.8 37.4 56.0#
89 64.0 59.4 89.0
182 2.6 2.1 3.1

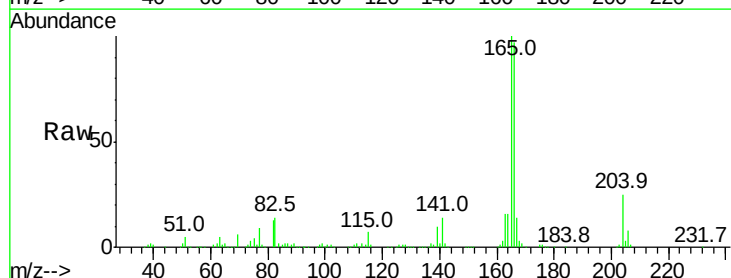


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

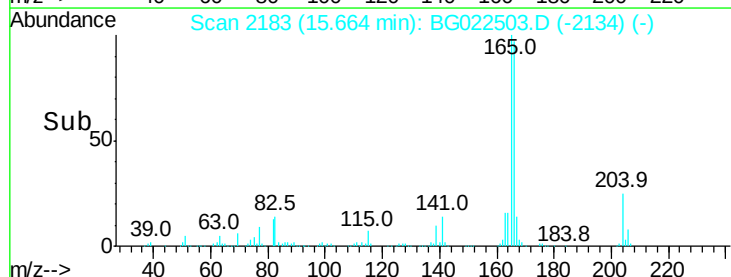
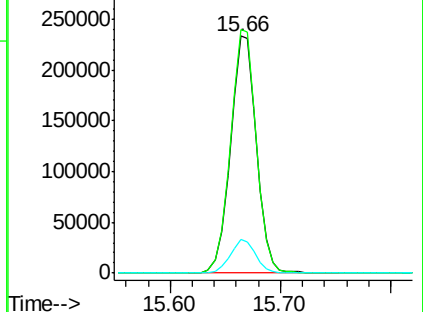


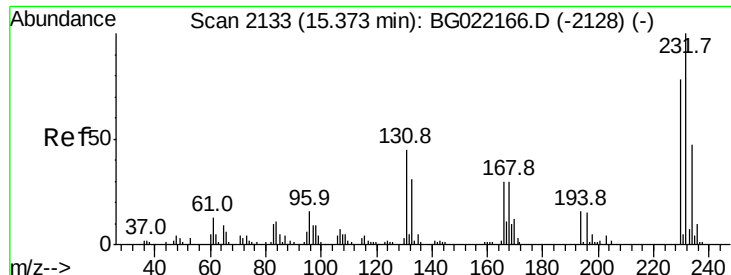
#57
Fluorene
Concen: 44.07 ng
RT: 15.66 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:166 Resp: 384425
Ion Ratio Lower Upper
166 100
165 102.7 79.0 118.4
167 14.4 10.7 16.1



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

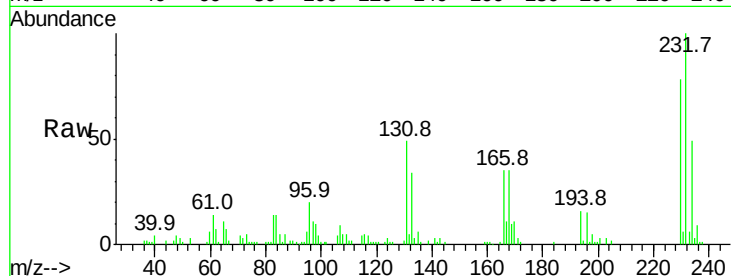




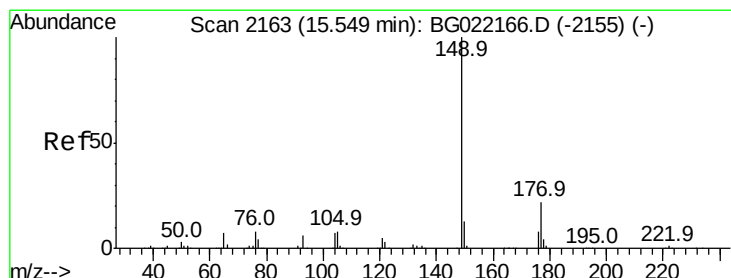
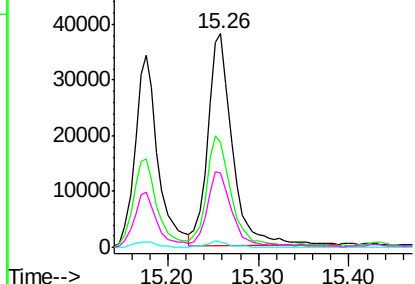
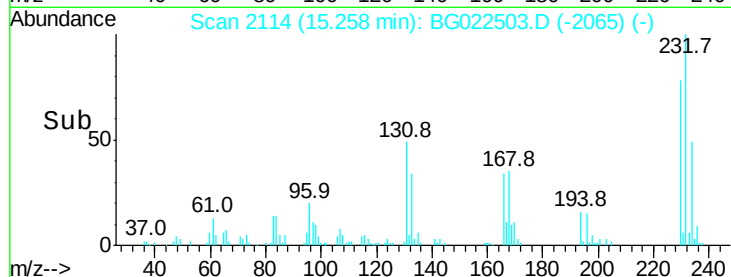
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.08 ng
 RT: 15.26 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 71550
 Ion Ratio Lower Upper
 232 100
 131 51.1 36.3 54.5
 130 2.7 1.9 2.9
 166 37.1 25.0 37.4

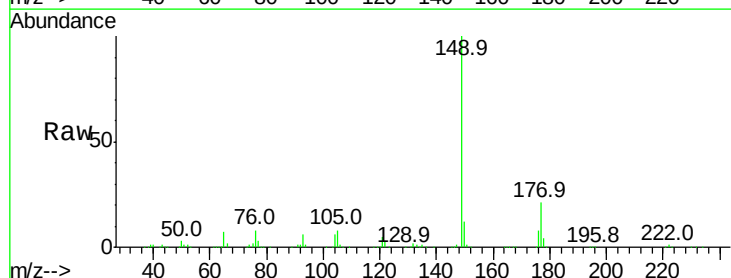


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

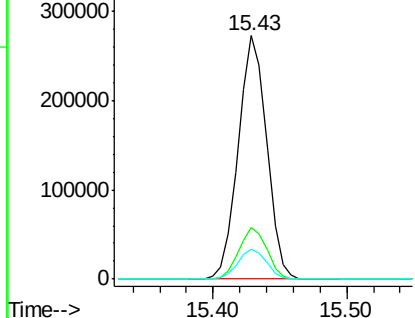
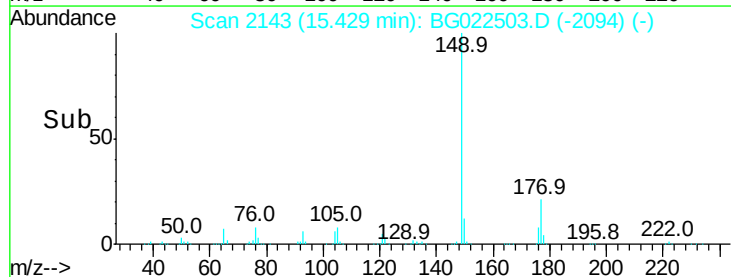


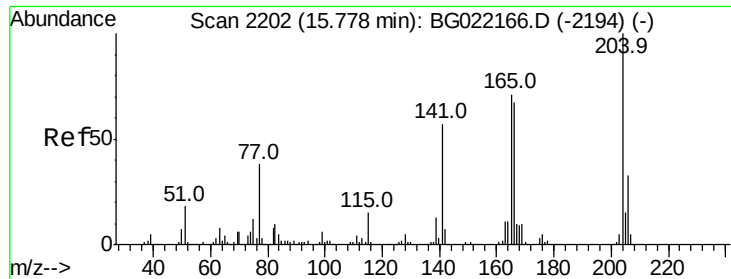
#59
 Diethylphthalate
 Concen: 42.38 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion:149 Resp: 401656
 Ion Ratio Lower Upper
 149 100
 177 21.1 17.3 25.9
 150 12.1 9.7 14.5



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

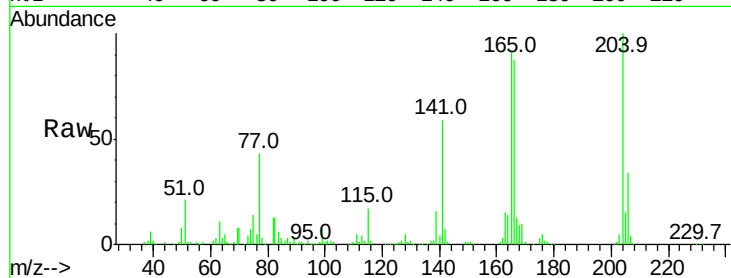




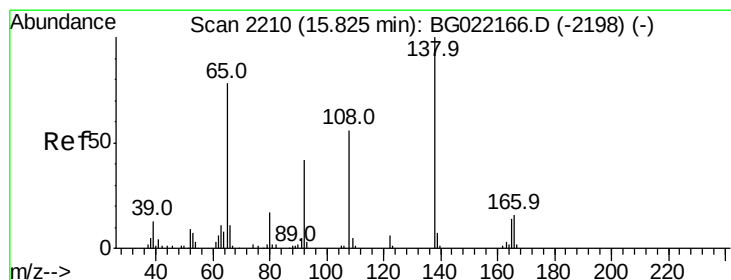
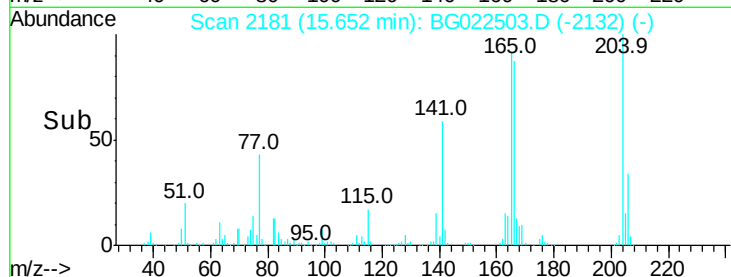
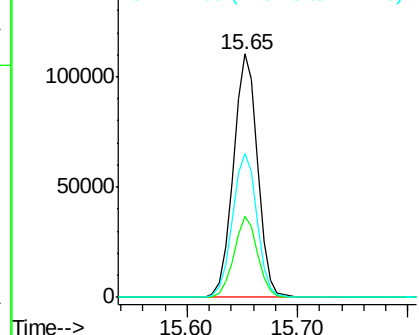
#60
4-Chlorophenyl-phenylether
Concen: 42.99 ng
RT: 15.65 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 169824
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.8
141 58.9 51.0 76.4

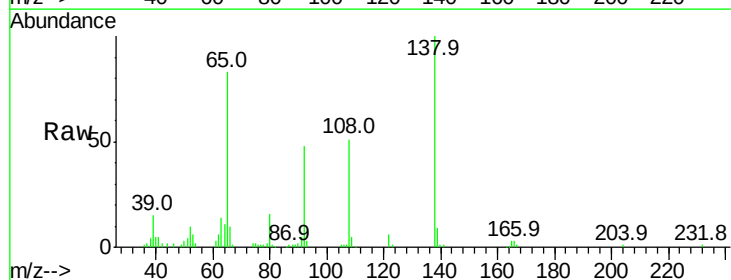


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

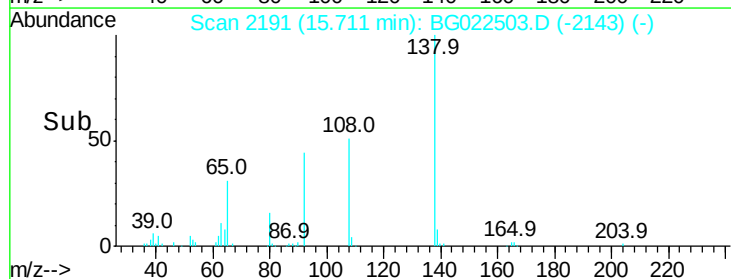
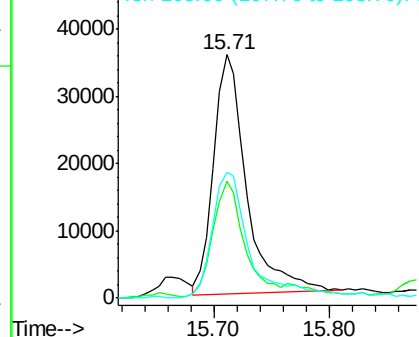


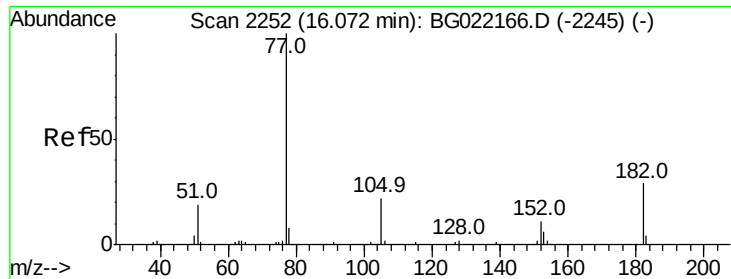
#61
4-Nitroaniline
Concen: 31.54 ng
RT: 15.71 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:138 Resp: 71558
Ion Ratio Lower Upper
138 100
92 48.2 37.7 77.7
108 51.5 59.4 99.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 48.47 ng

RT: 15.95 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 347830

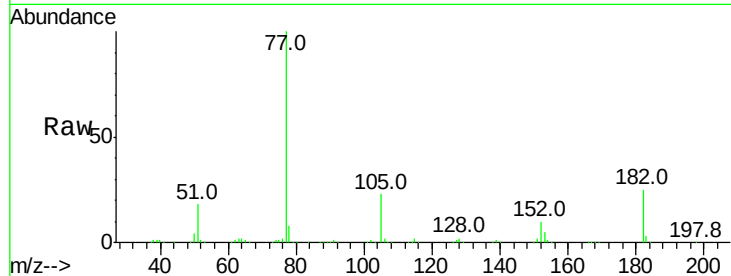
Ion Ratio Lower Upper

77 100

182 25.0 4.1 44.1

105 23.0 0.0 39.8

51 18.2 11.1 51.1

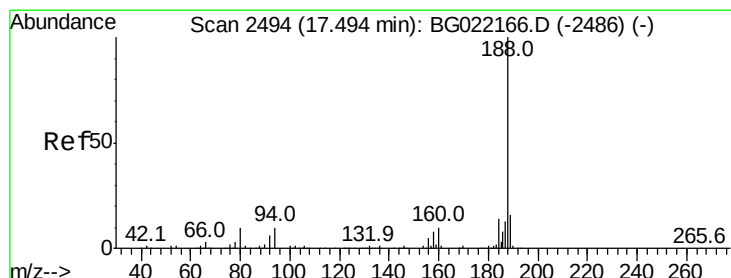
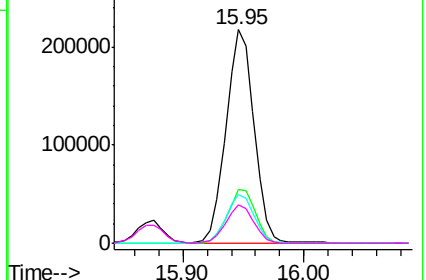
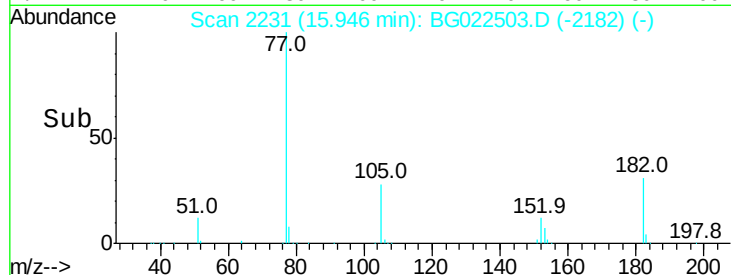


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

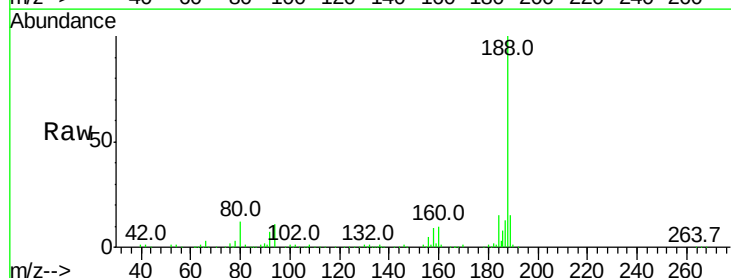
Tgt Ion: 188 Resp: 222580

Ion Ratio Lower Upper

188 100

94 11.4 7.5 11.3#

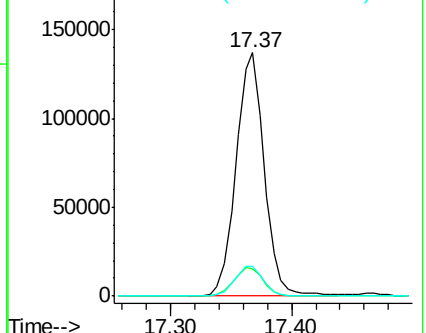
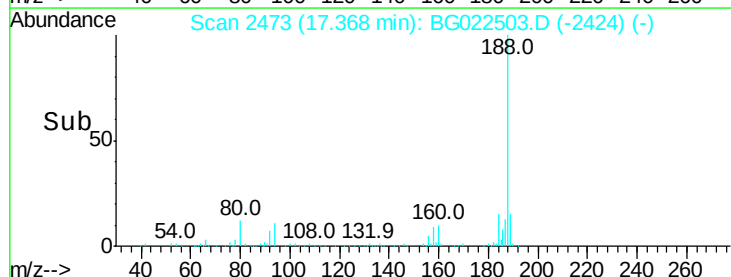
80 12.3 8.6 13.0

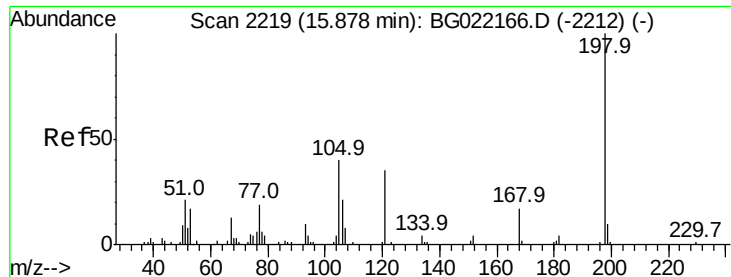


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

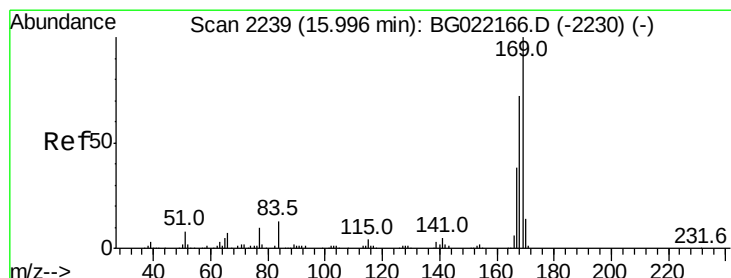
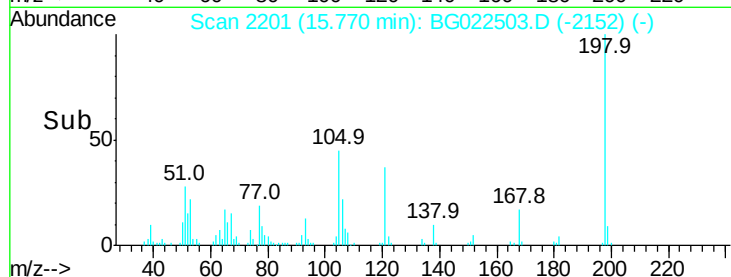
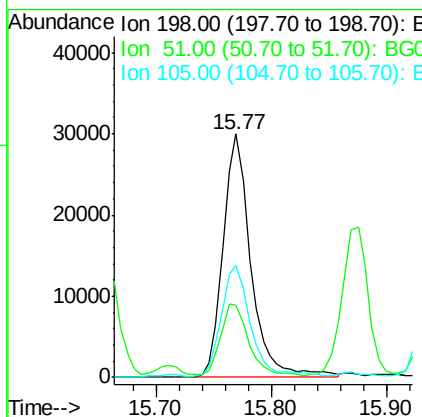
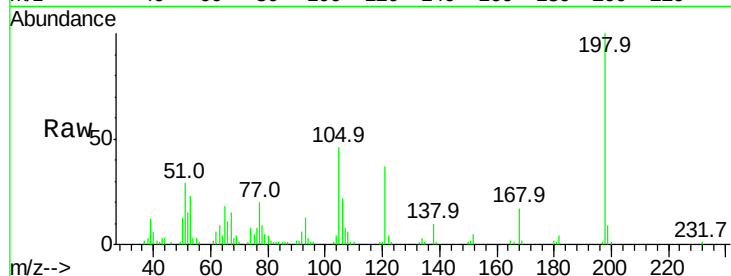




#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.86 ng
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

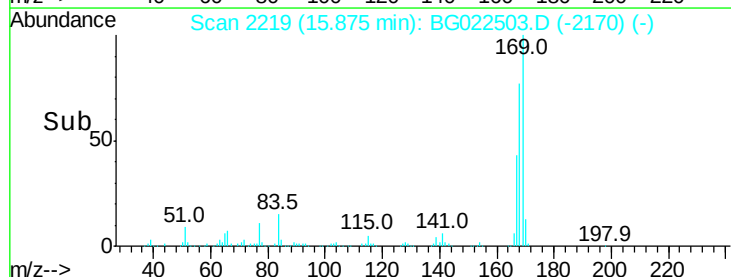
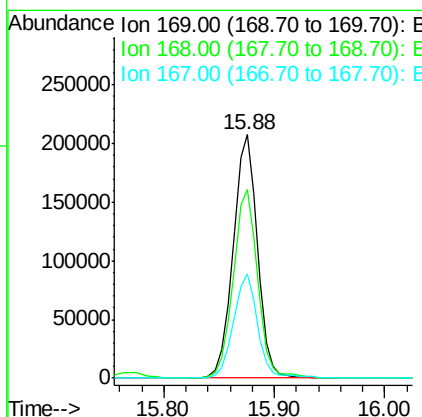
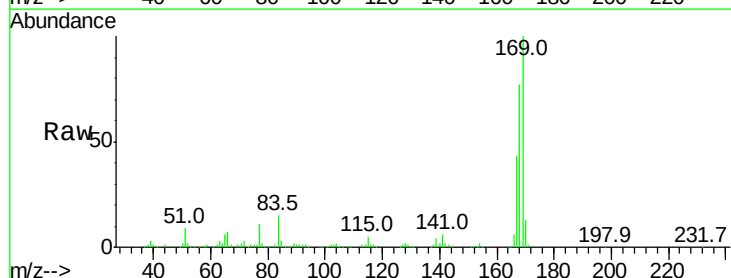
Instrument :
 BNA_G
 ClientSampleId :

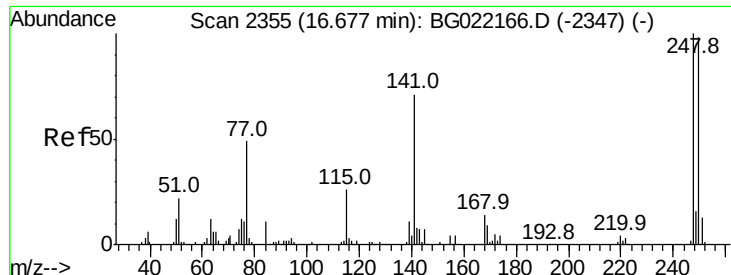
Tot Ion	Ratio	Lower	Upper
198	100		
51	29.5	29.2	69.2
105	45.9	24.0	64.0



#65
 n-Nitrosodiphenylamine
 Concen: 50.02 ng
 RT: 15.88 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	77.3	59.6	89.4
167	42.6	31.2	46.8

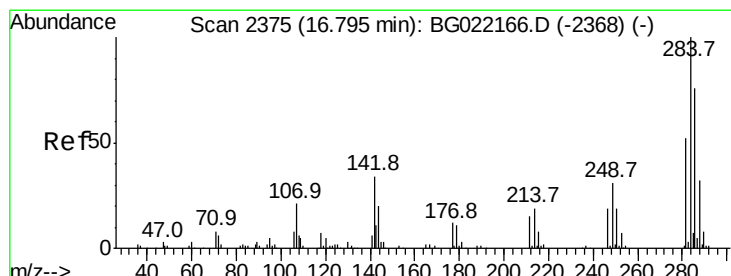
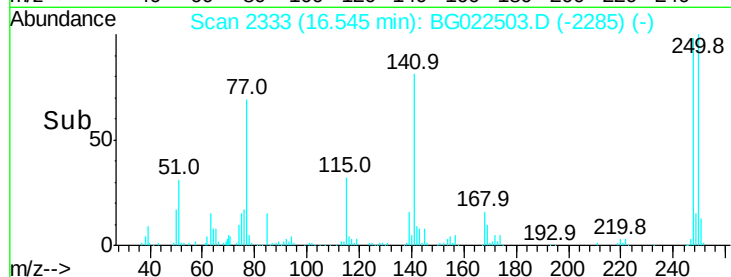
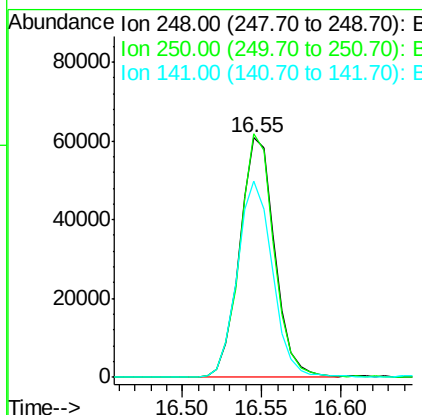
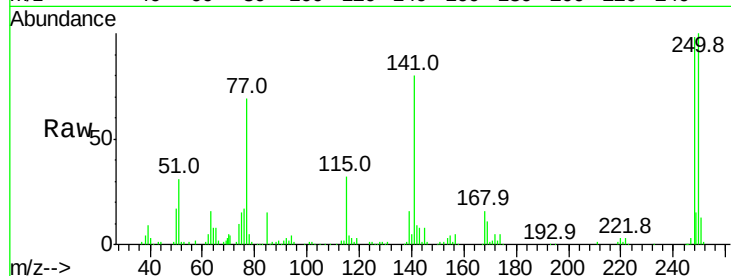




#66
 4-Bromophenyl-phenylether
 Concen: 44.64 ng
 RT: 16.55 min Scan# 2333
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

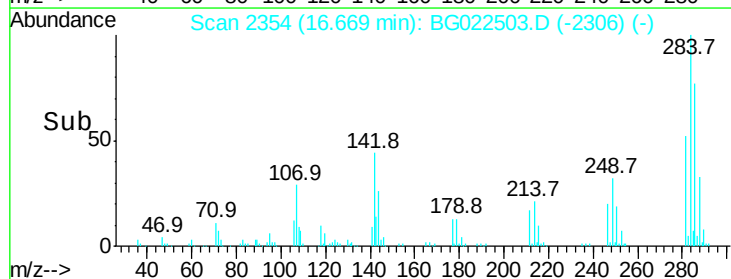
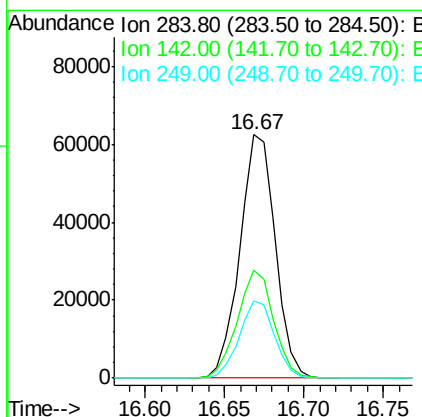
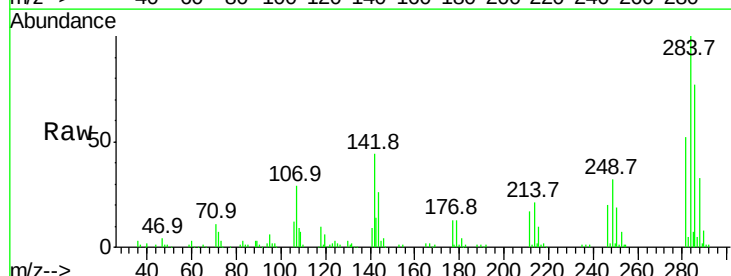
Instrument :
 BNA_G
 ClientSampleId :

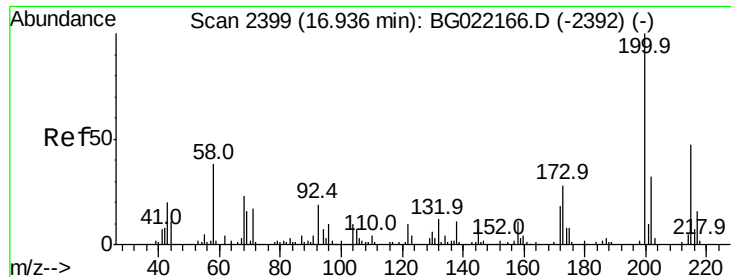
Tot Ion:248 Resp: 93102
 Ion Ratio Lower Upper
 248 100
 250 101.8 76.6 114.8
 141 81.9 63.8 95.6



#67
 Hexachlorobenzene
 Concen: 39.88 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion:284 Resp: 96942
 Ion Ratio Lower Upper
 284 100
 142 44.3 31.8 47.6
 249 34.0 27.3 40.9





#68

Atrazine

Concen: 41.13 ng

RT: 16.82 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

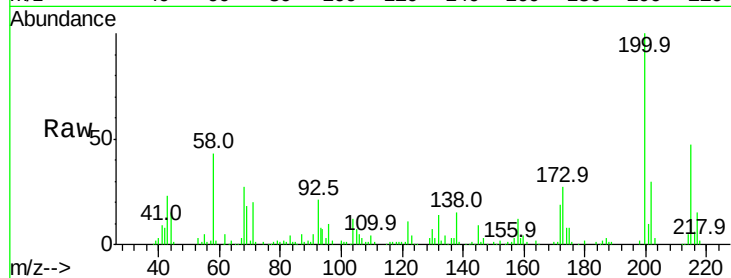
Tot Ion:200 Resp: 97613

Ion Ratio Lower Upper

200 100

173 27.4 5.1 45.1

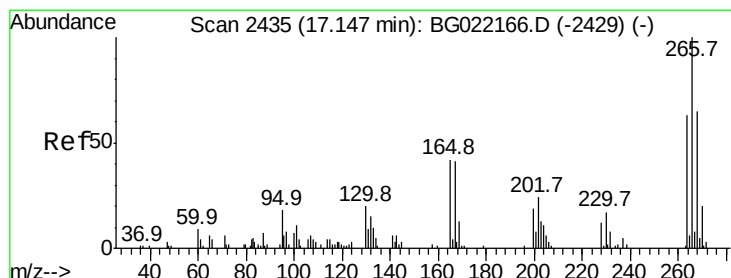
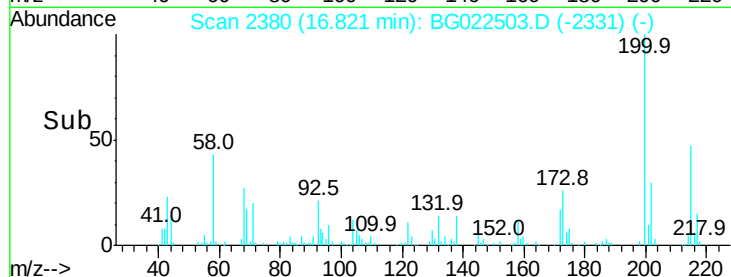
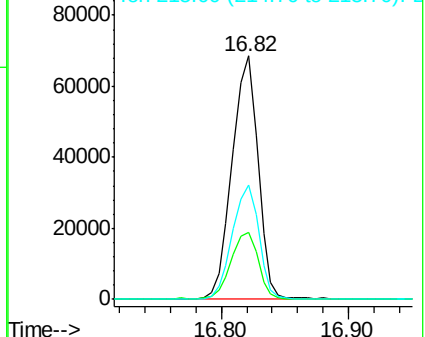
215 47.1 28.0 68.0



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: 59.57 ng

RT: 17.03 min Scan# 2415

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

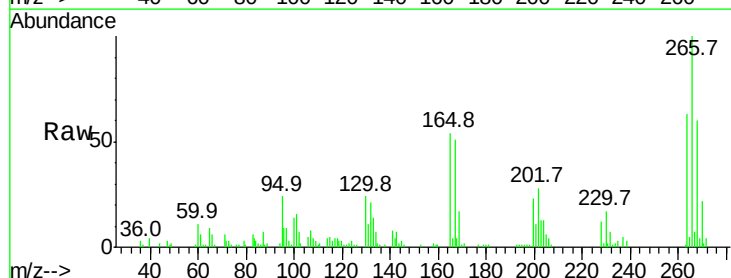
Tgt Ion:266 Resp: 63567

Ion Ratio Lower Upper

266 100

268 64.9 54.5 81.7

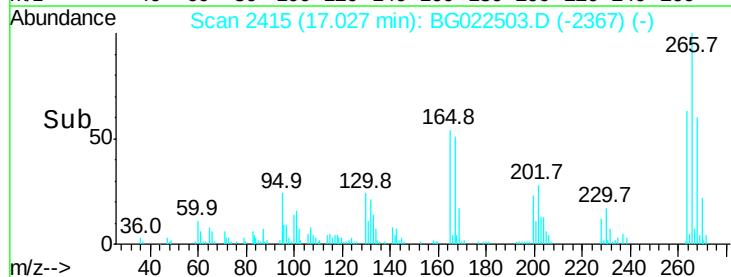
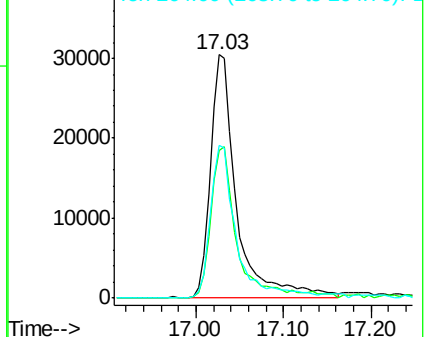
264 68.4 53.8 80.6

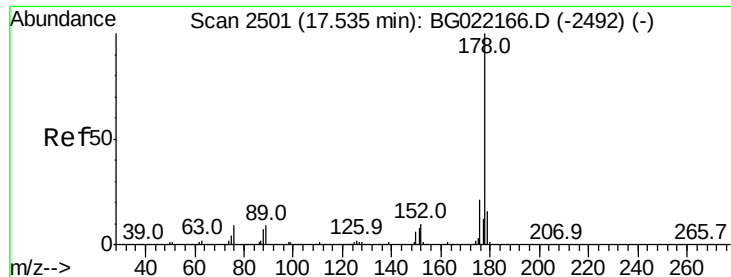


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

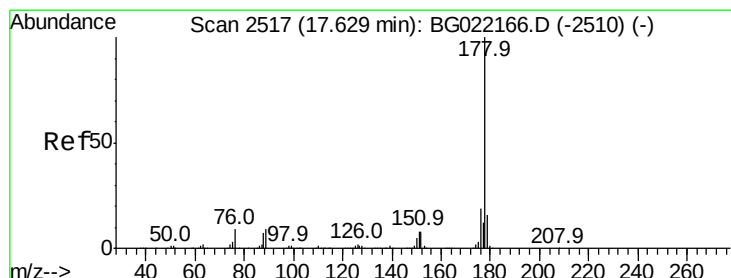
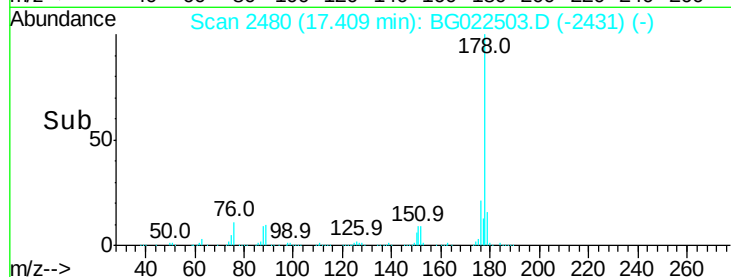
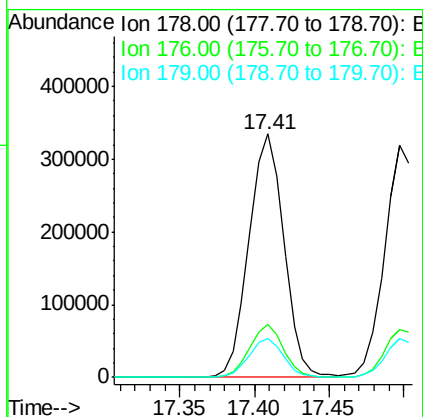
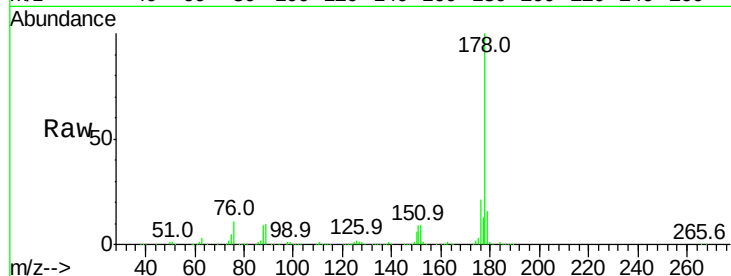




#70
 Phenanthrene
 Concen: 44.90 ng
 RT: 17.41 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

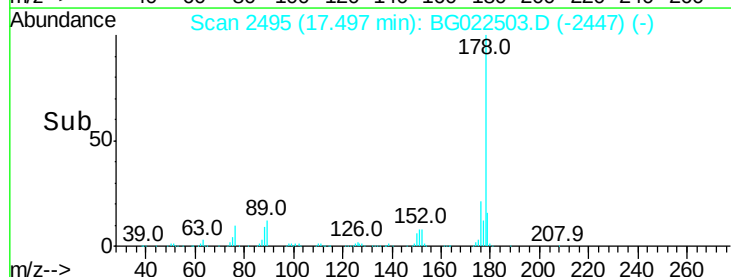
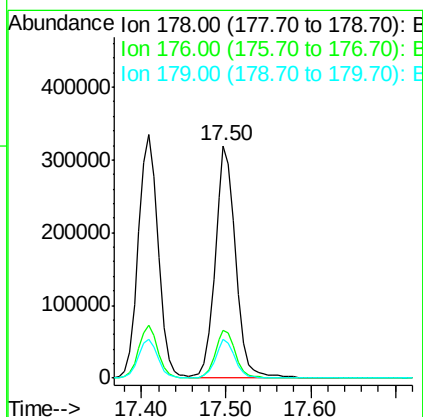
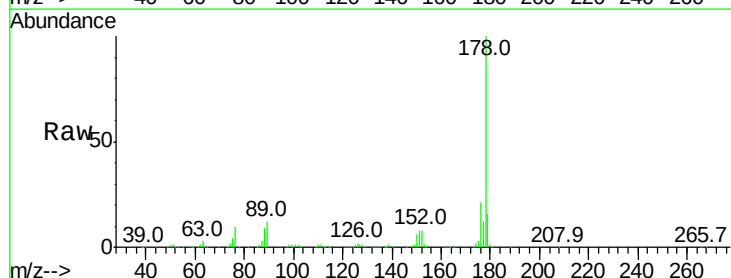
Instrument :
 BNA_G
 ClientSampleId :

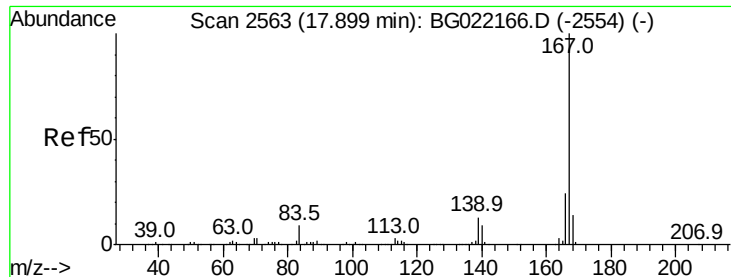
Tot Ion:178 Resp: 542815
 Ion Ratio Lower Upper
 178 100
 176 21.5 16.2 24.4
 179 16.0 12.0 18.0



#71
 Anthracene
 Concen: 44.83 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.02 min
 Lab File: BG022503.D
 Acq: 23 Jun 2016 3:49

Tgt Ion:178 Resp: 537469
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.0 22.4
 179 16.4 12.2 18.4





#72

Carbazole

Concen: 41.86 ng

RT: 17.78 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

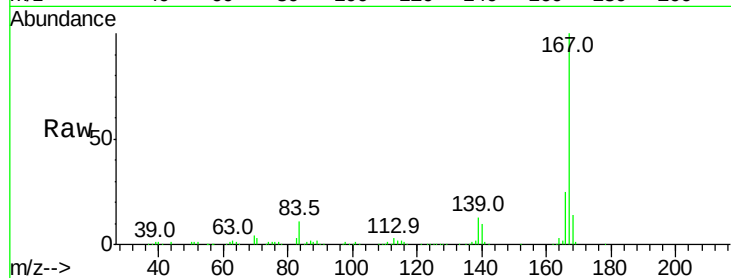
Tot Ion:167 Resp: 475324

Ion Ratio Lower Upper

167 100

166 25.1 18.6 27.8

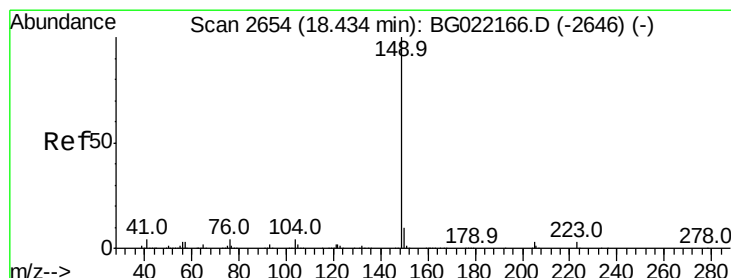
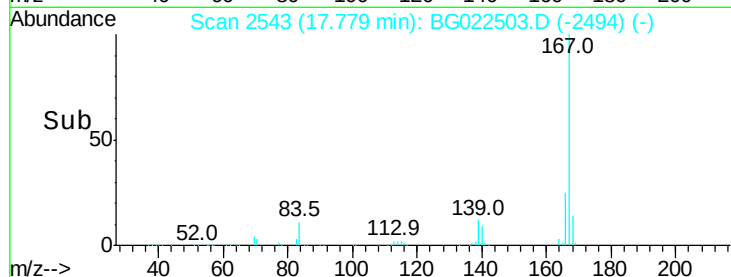
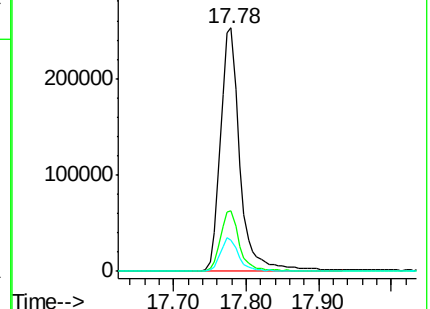
139 13.0 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.11 ng

RT: 18.31 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

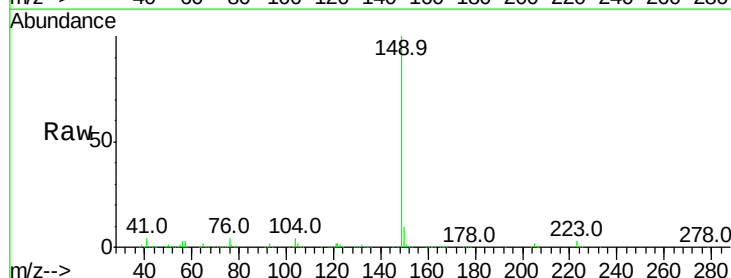
Tgt Ion:149 Resp: 684566

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

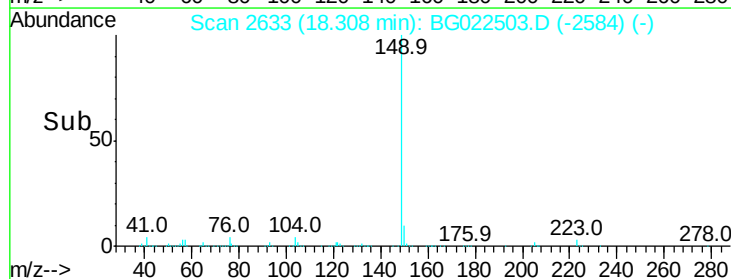
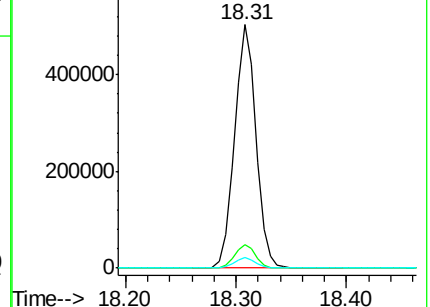
104 4.4 4.0 6.0

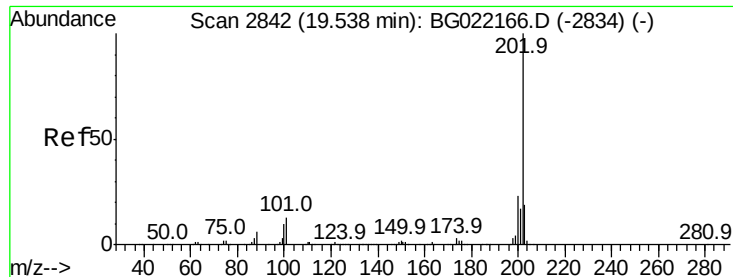


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.62 ng

RT: 19.41 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG022503.D

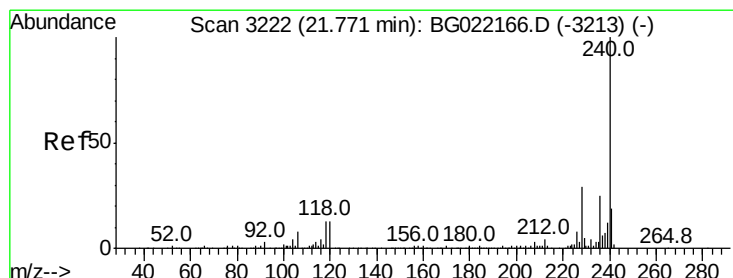
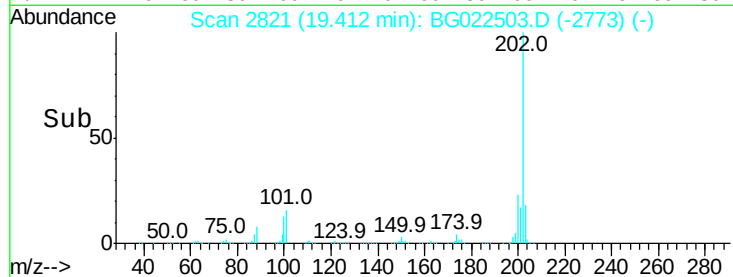
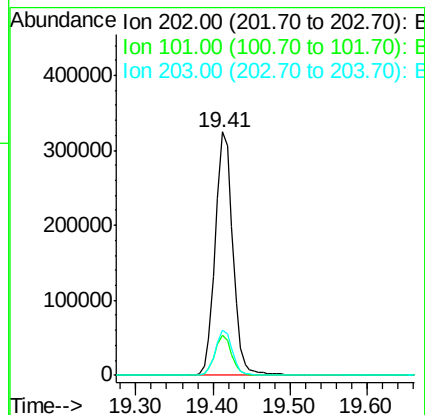
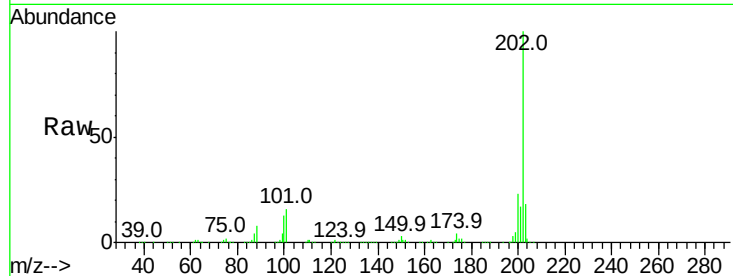
Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	508939
Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	31.0
203	18.4	0.0	37.9



#75

Chrysene-d12

Concen: 20.00 ng

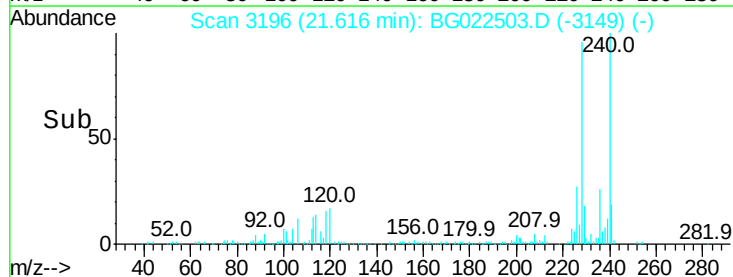
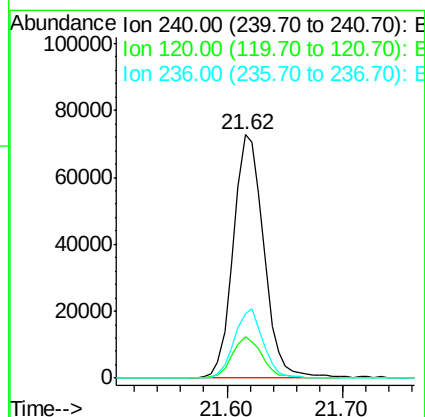
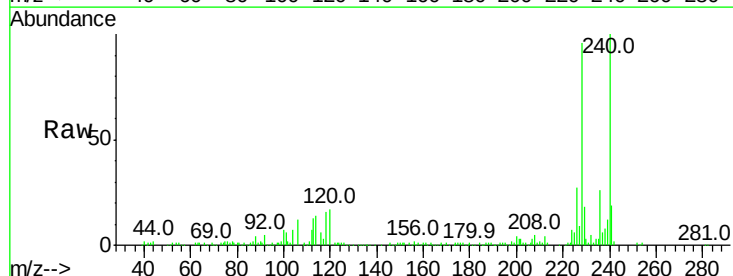
RT: 21.62 min Scan# 3196

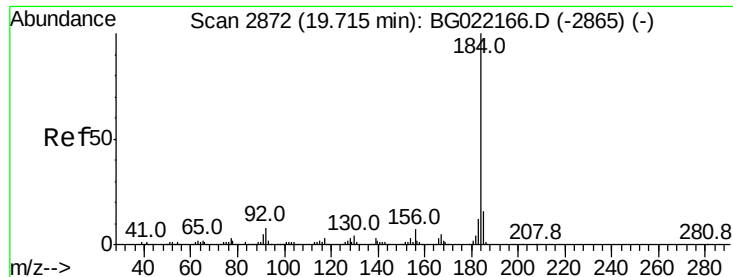
Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Tgt Ion:	240	Resp:	133691
Ion	Ratio	Lower	Upper
240	100		
120	17.0	8.4	12.6#
236	26.3	19.6	29.4





#76

Benzidine

Concen: 54.57 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

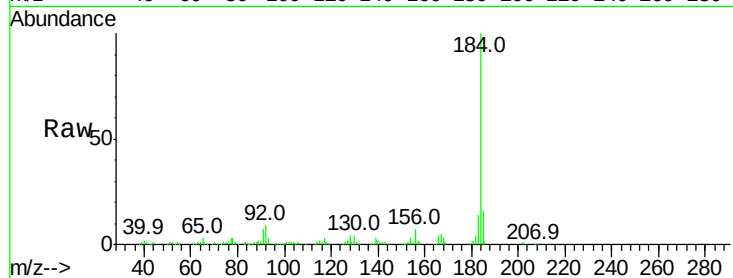
Tot Ion:184 Resp: 190796

Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

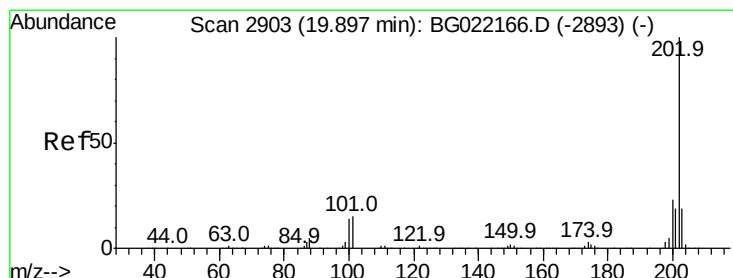
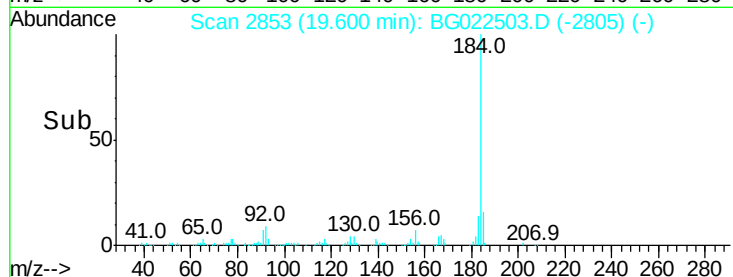
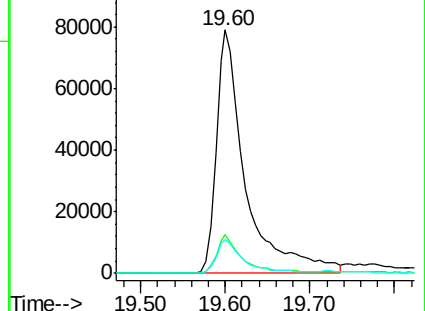
183 13.9 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 58.25 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

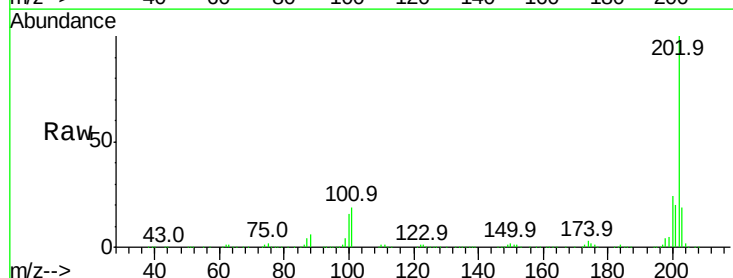
Tgt Ion:202 Resp: 484114

Ion Ratio Lower Upper

202 100

200 23.7 18.2 27.2

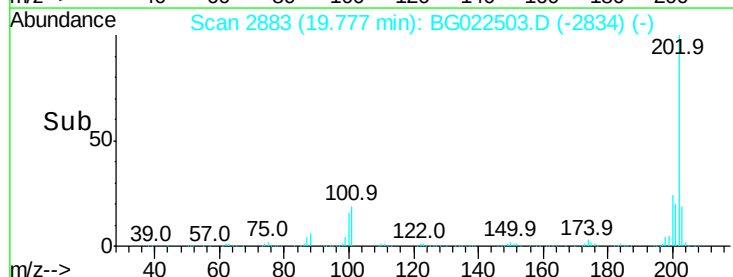
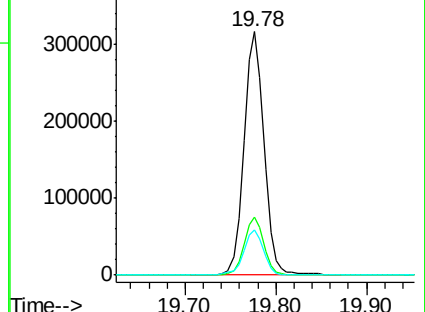
203 18.6 15.0 22.4

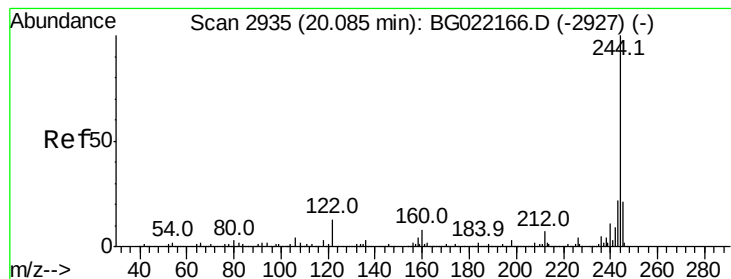


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 107.16 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampled :

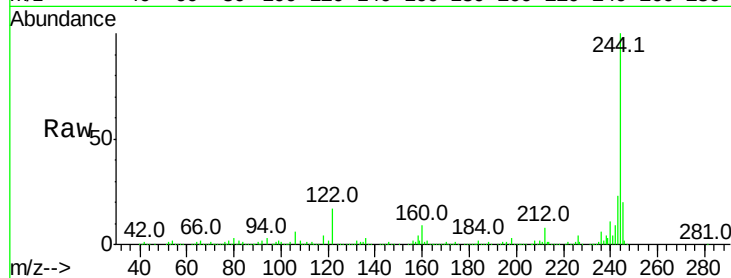
Tot Ion:244 Resp: 603459

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

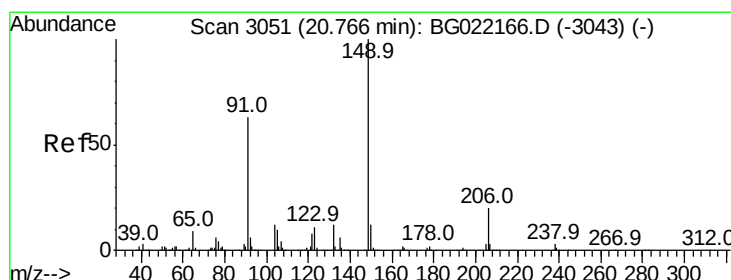
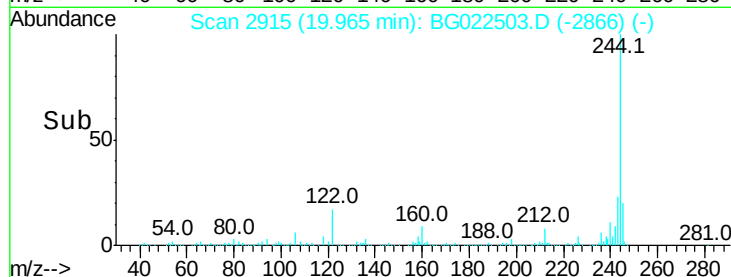
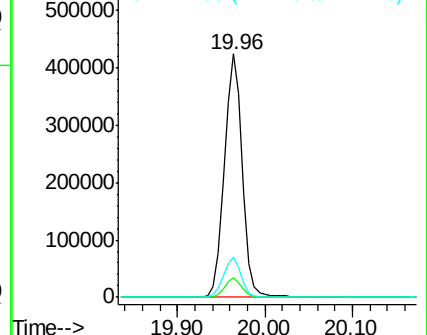
122 16.6 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 58.97 ng

RT: 20.65 min Scan# 3031

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

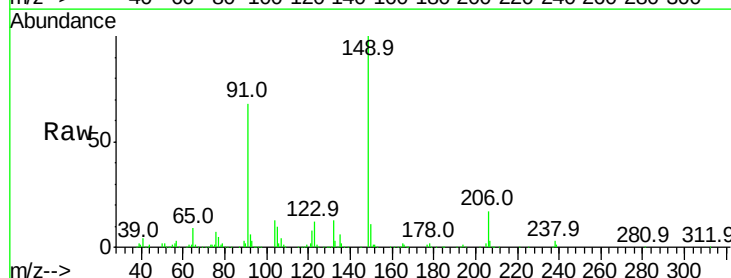
Tgt Ion:149 Resp: 227305

Ion Ratio Lower Upper

149 100

91 67.5 57.8 86.8

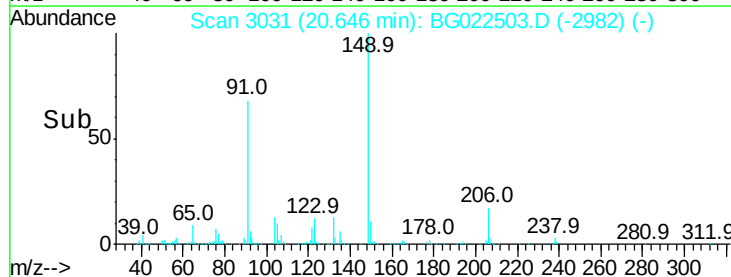
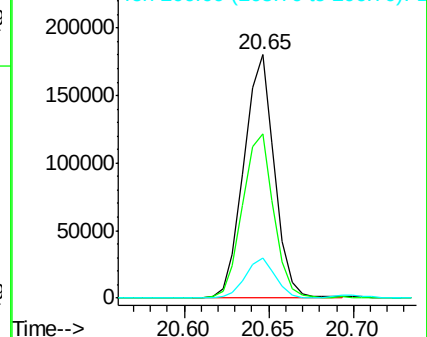
206 16.5 17.0 25.4#

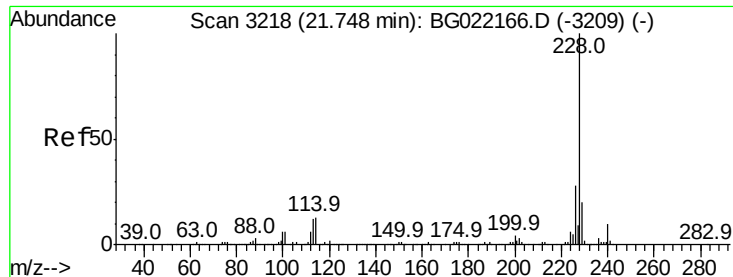


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.57 ng

RT: 21.60 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampled :

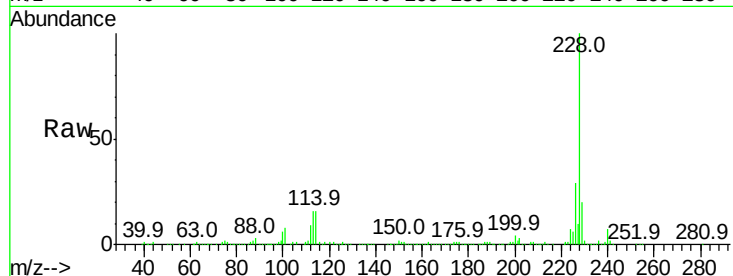
Tot Ion:228 Resp: 349109

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

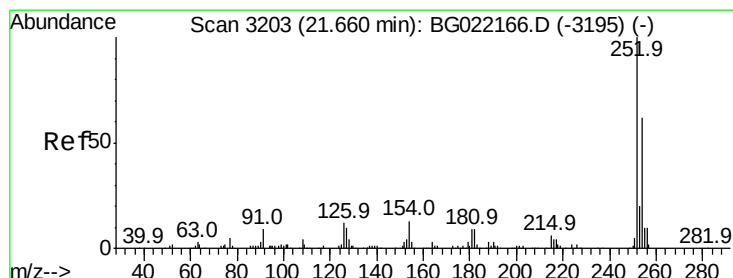
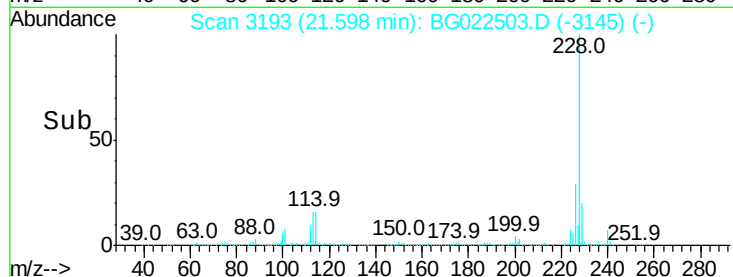
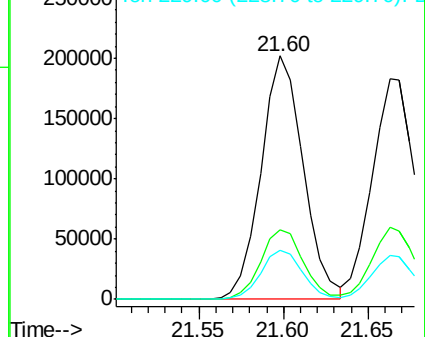
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.41 ng

RT: 21.52 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

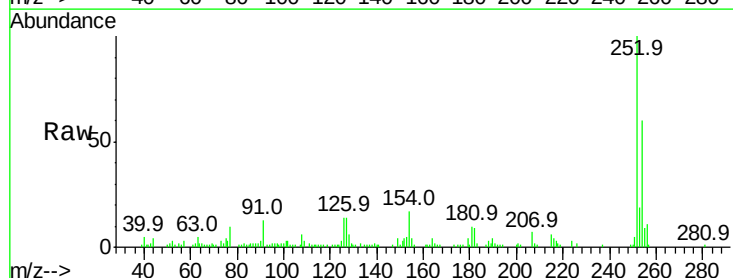
Tgt Ion:252 Resp: 53480

Ion Ratio Lower Upper

252 100

254 59.7 51.8 77.6

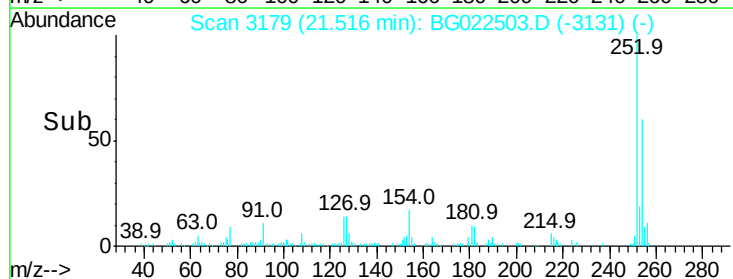
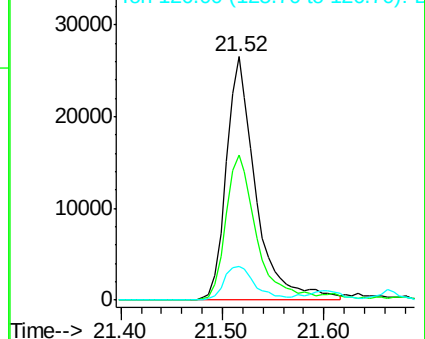
126 13.6 8.8 13.2#

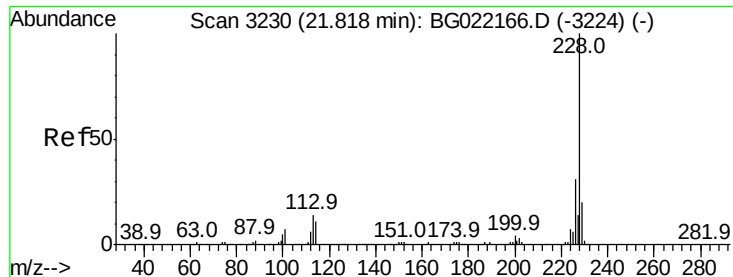


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.40 ng

RT: 21.66 min Scan# 3204

Delta R.T. -0.03 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

Instrument :

BNA_G

ClientSampleId :

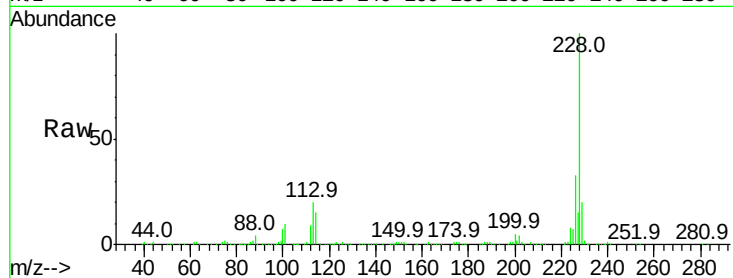
Tot Ion:228 Resp: 331182

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

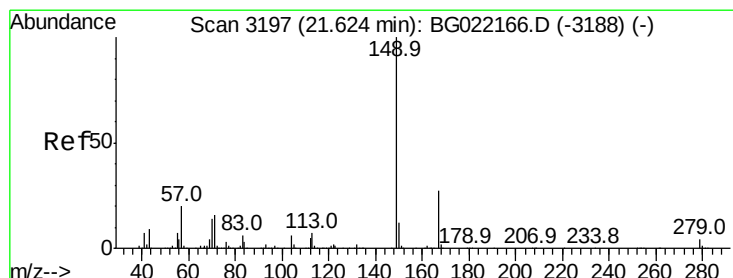
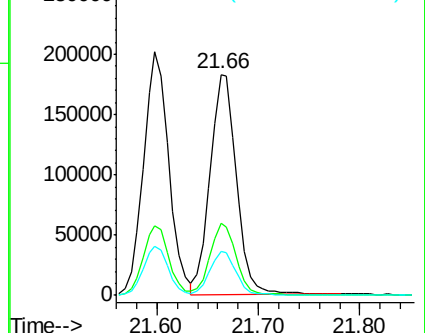
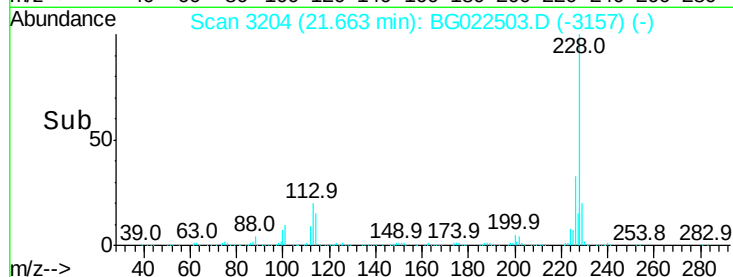
229 20.0 15.9 23.9



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: 55.61 ng

RT: 21.48 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG022503.D

Acq: 23 Jun 2016 3:49

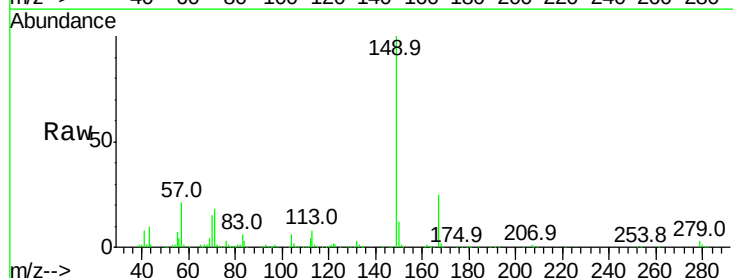
Tgt Ion:149 Resp: 315220

Ion Ratio Lower Upper

149 100

167 24.8 22.4 33.6

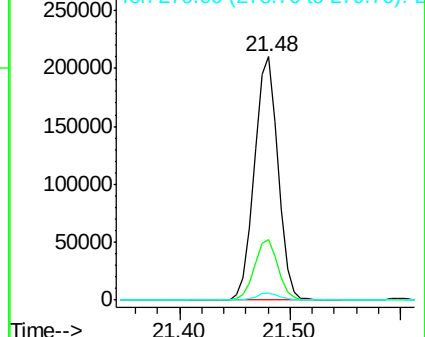
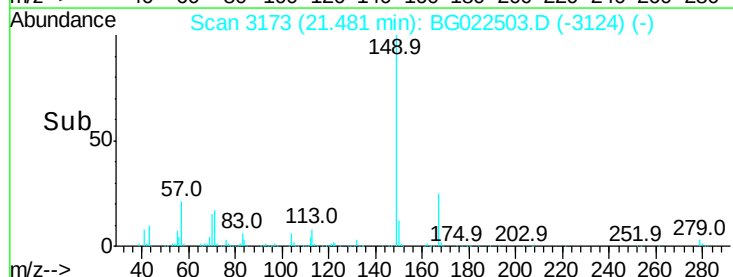
279 3.0 3.2 4.8#

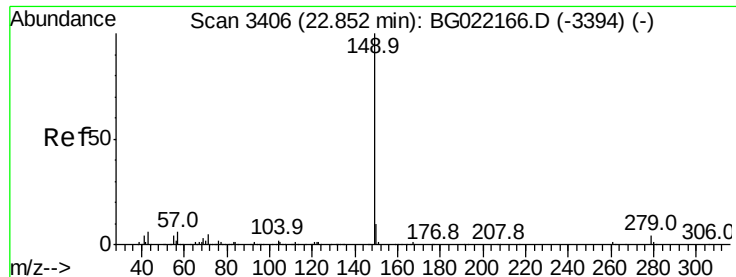


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

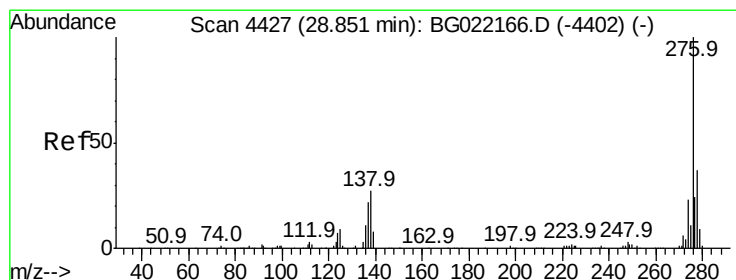
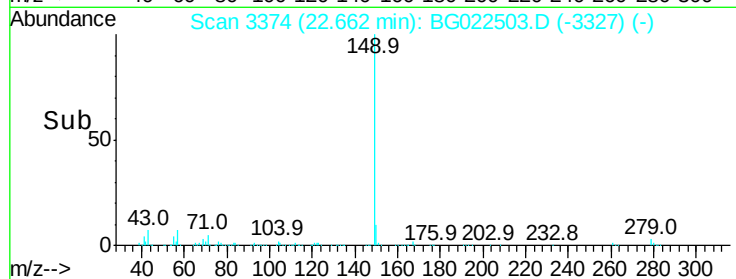
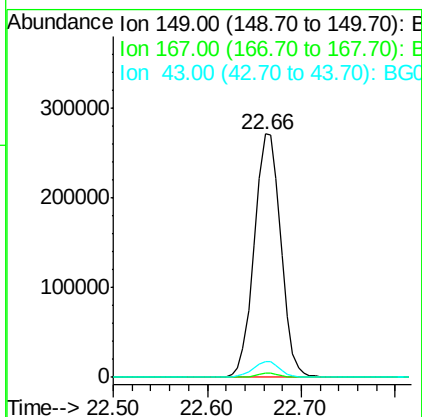
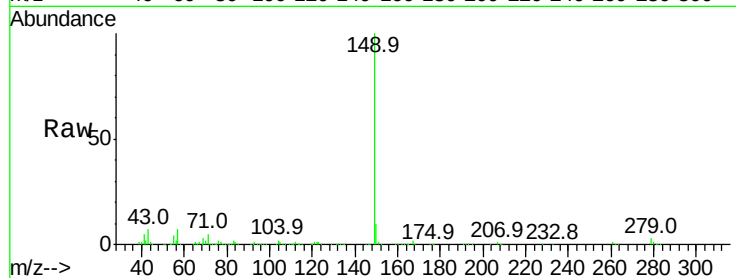




#84
Di-n-octyl phthalate
Concen: 56.39 ng
RT: 22.66 min Scan# 3374
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

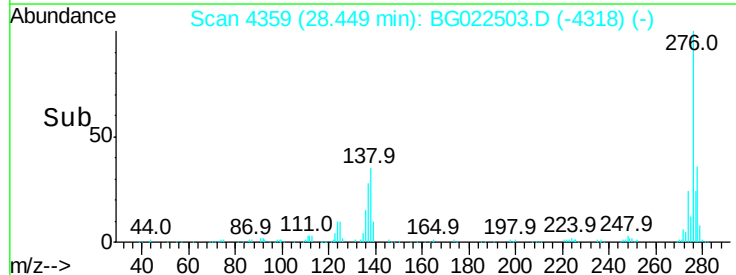
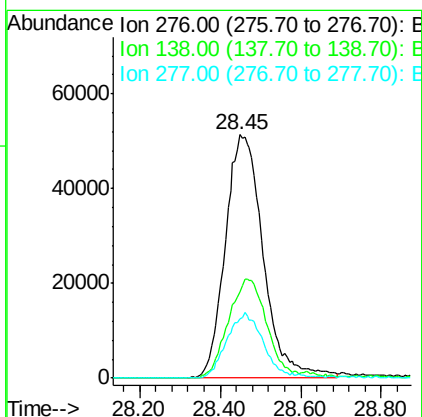
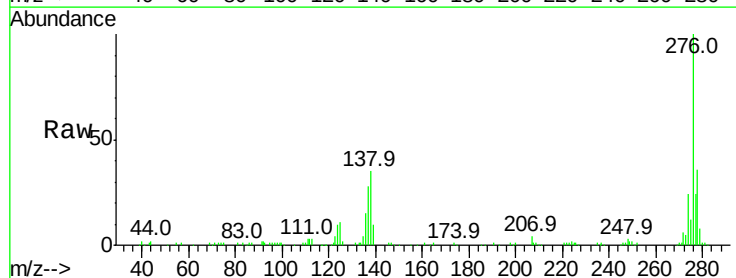
Instrument :
BNA_G
ClientSampleId :

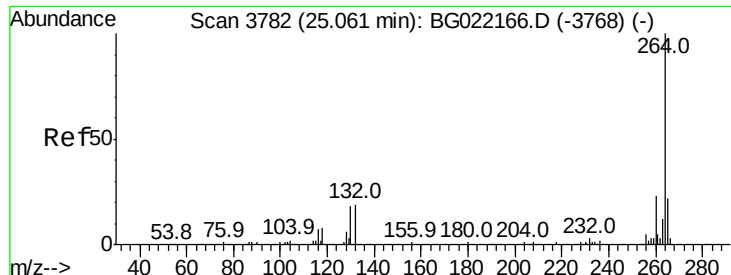
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.3	9.8	14.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.04 ng
RT: 28.45 min Scan# 4359
Delta R.T. -0.06 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.1	14.0	21.0
277	25.6	20.6	30.8

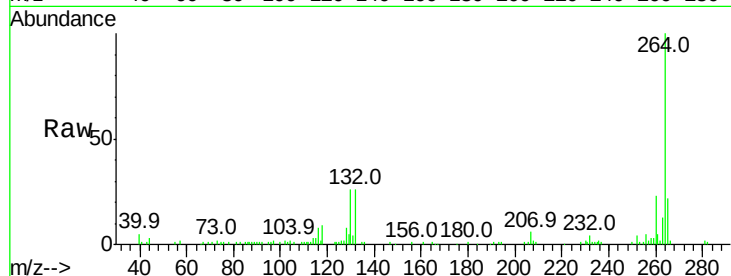




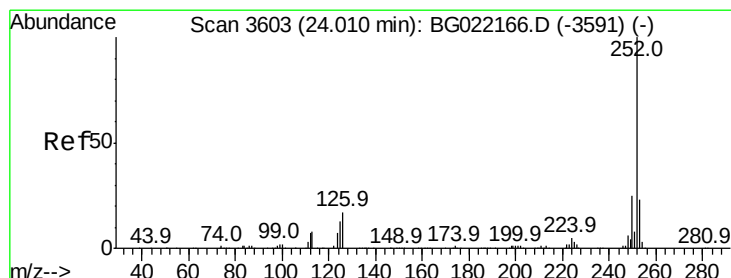
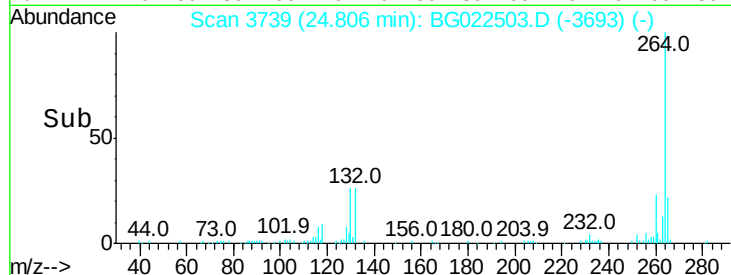
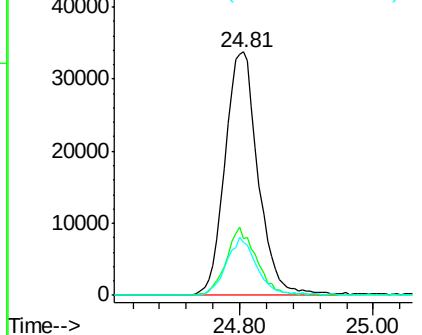
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 117344
Ion Ratio Lower Upper
264 100
260 23.2 20.2 30.4
265 21.6 17.8 26.8

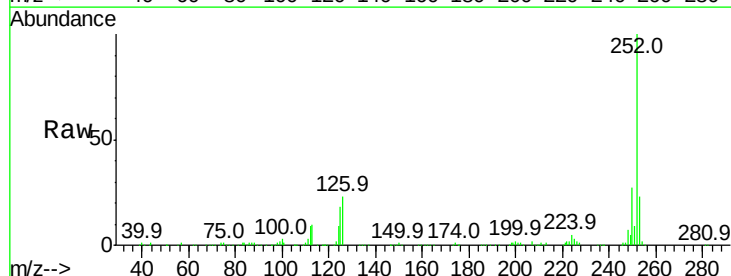


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

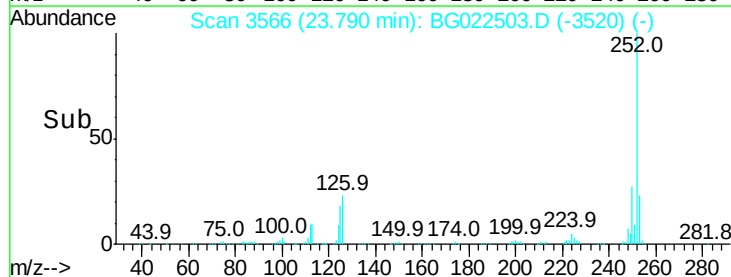
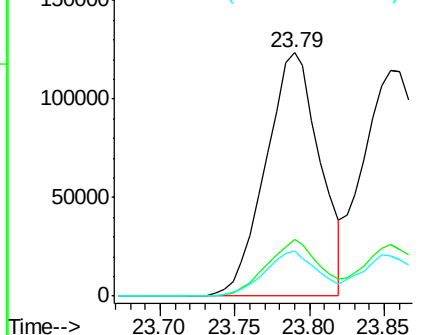


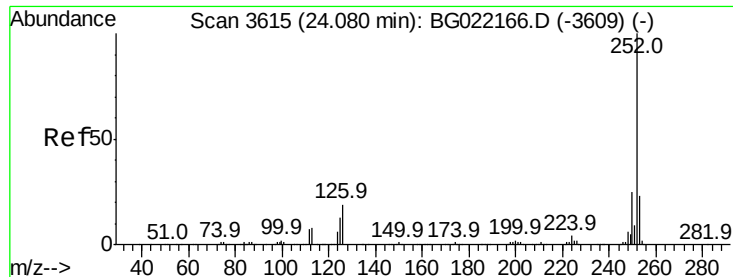
#87
Benzo(b)fluoranthene
Concen: 45.56 ng
RT: 23.79 min Scan# 3566
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:252 Resp: 311824
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 18.3 8.6 13.0#



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

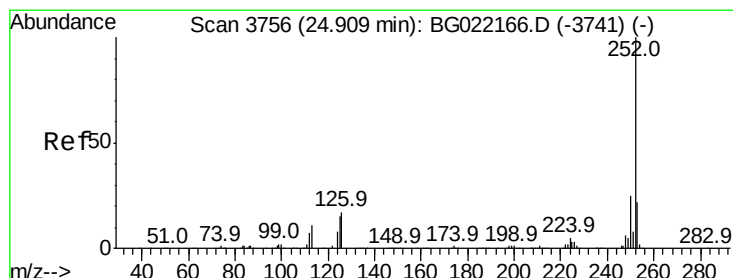
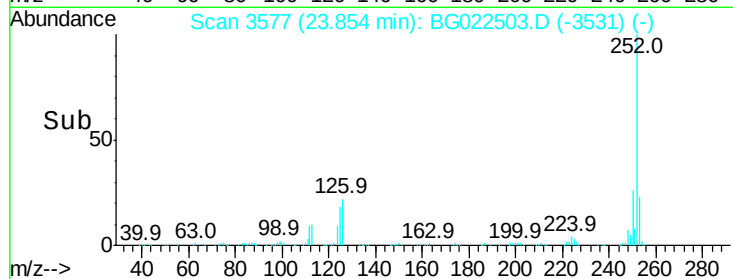
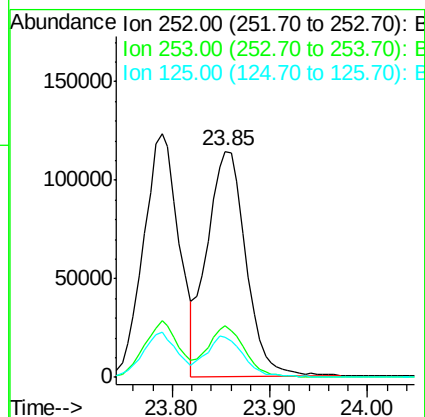
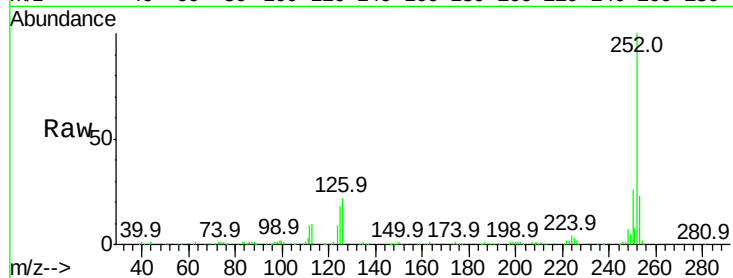




#88
Benzo(k)fluoranthene
Concen: 46.78 ng
RT: 23.85 min Scan# 3577
Delta R.T. -0.03 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

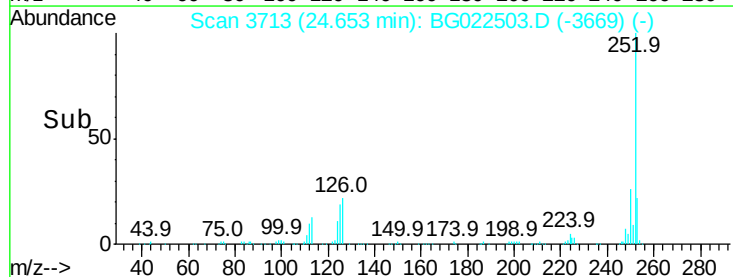
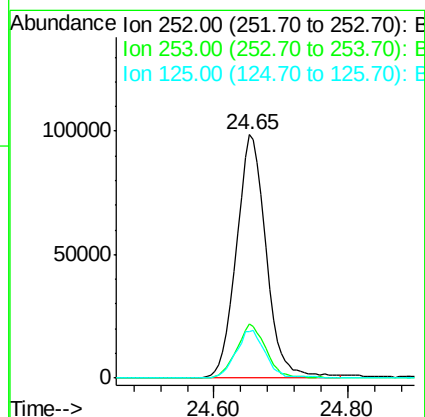
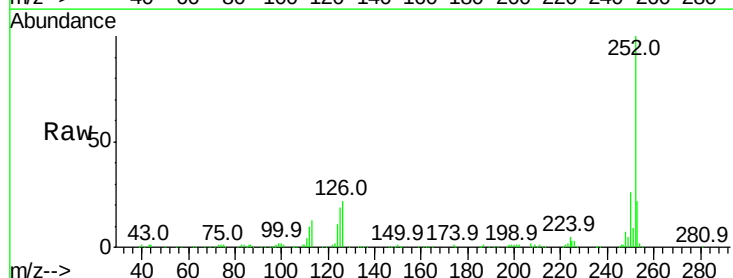
Instrument :
BNA_G
ClientSampleId :

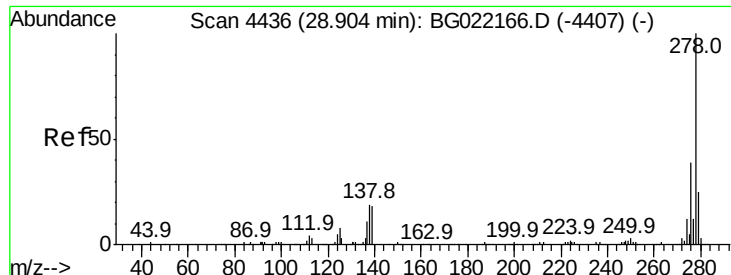
Tot Ion:252 Resp: 315181
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 17.8 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 46.60 ng
RT: 24.65 min Scan# 3713
Delta R.T. -0.04 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:252 Resp: 304972
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 19.0 9.6 14.4#

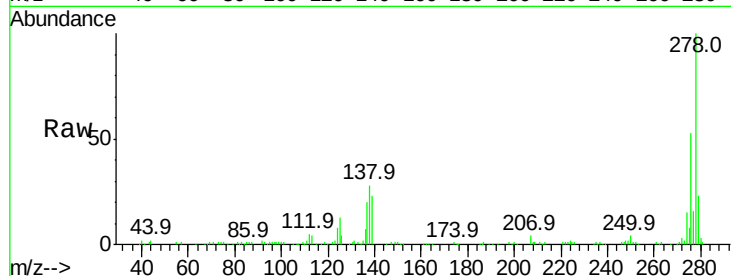




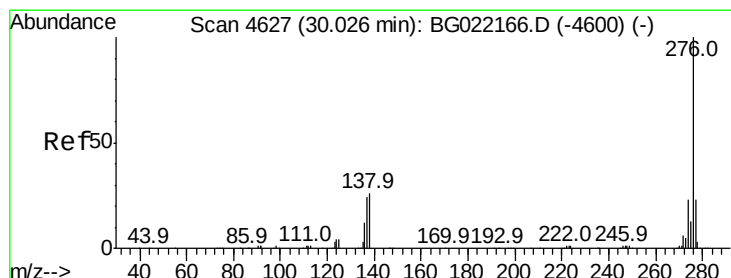
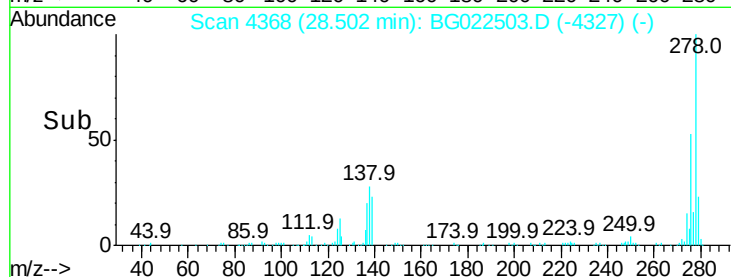
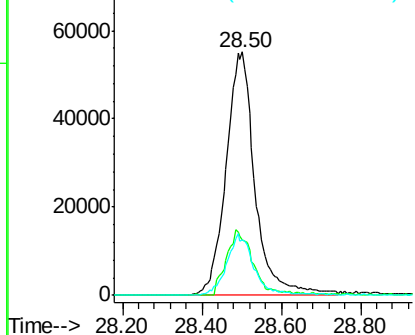
#90
Dibenzo(a,h)anthracene
Concen: 45.41 ng
RT: 28.50 min Scan# 4368
Delta R.T. -0.06 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 279870
Ion Ratio Lower Upper
278 100
139 22.6 11.9 17.9#
279 22.9 18.2 27.2

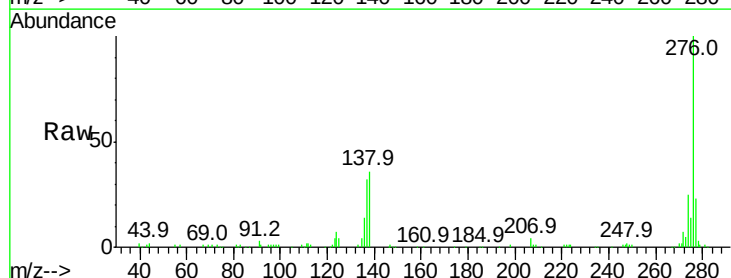


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 41.91 ng
RT: 29.59 min Scan# 4554
Delta R.T. -0.07 min
Lab File: BG022503.D
Acq: 23 Jun 2016 3:49

Tgt Ion:276 Resp: 268701
Ion Ratio Lower Upper
276 100
277 22.8 19.4 29.2
138 36.3 17.4 26.0#



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

