

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022507.D
 Acq On : 23 Jun 2016 6:29
 Operator : UM/SJ
 Sample : H3623-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 07:44:41 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	38387	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	203406	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	114442	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	210423	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	143052	20.00	ng	-0.02
86) Perylene-d12	24.81	264	110733	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	330062	166.24	ng	-0.03
7) Phenol-d6	7.15	99	460250	147.44	ng	-0.03
23) Nitrobenzene-d5	9.15	82	277076	94.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	128175	99.12	ng	-0.02
44) 2-Fluorobiphenyl	13.24	172	683716	91.05	ng	0.00
78) Terphenyl-d14	19.96	244	612599	101.67	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	29455	30.94	ng	# 57
3) Pyridine	3.75	79	58421	22.71	ng	99
4) n-Nitrosodimethylamine	3.65	42	27244	47.36	ng	# 99
6) Aniline	7.38	93	131483	33.15	ng	# 55
8) 2-Chlorophenol	7.54	128	142467	51.92	ng	# 79
9) Benzaldehyde	7.11	77	7992	4.65	ng	93
10) Phenol	7.18	94	158444	49.23	ng	81
11) bis(2-Chloroethyl)ether	7.38	93	131483	51.24	ng	# 71
12) 1,3-Dichlorobenzene	7.85	146	119363	40.58	ng	# 92
13) 1,4-Dichlorobenzene	8.00	146	125107	42.69	ng	95
14) 1,2-Dichlorobenzene	8.32	146	123802	41.91	ng	96
15) Benzyl Alcohol	8.22	79	91065	45.15	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	128711	48.34	ng	80
17) 2-Methylphenol	8.44	107	123901	51.59	ng	# 85
18) Hexachloroethane	9.05	117	46827	43.76	ng	# 80
19) n-Nitroso-di-n-propylamine	8.78	70	101892	48.22	ng	# 67
20) 3+4-Methylphenols	8.77	107	169490	49.20	ng	98
22) Acetophenone	8.80	105	199354	45.48	ng	# 82
24) Nitrobenzene	9.19	77	143326	48.85	ng	# 83
25) Isophorone	9.71	82	297713	43.61	ng	# 93
26) 2-Nitrophenol	9.90	139	80435	50.56	ng	# 71
27) 2,4-Dimethylphenol	9.97	122	144778	50.28	ng	92
28) bis(2-Chloroethoxy)methane	10.19	93	186923	47.80	ng	93
29) 2,4-Dichlorophenol	10.46	162	131751	49.39	ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	124954	41.92	ng	93
31) Naphthalene	10.84	128	448266	44.15	ng	# 95
32) Benzoic acid	10.17	122	67386	60.52	ng	# 81
33) 4-Chloroaniline	10.97	127	33055	7.83	ng	# 91
34) Hexachlorobutadiene	11.11	225	59873	37.42	ng	96
35) Caprolactam	11.75	113	25034	17.11	ng	# 51
36) 4-Chloro-3-methylphenol	12.11	107	145474	46.01	ng	85
37) 2-Methylnaphthalene	12.44	142	326003	43.49	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	127543	43.29	ng	# 97
40) Hexachlorocyclopentadiene	12.78	237	62890	44.32	ng	99

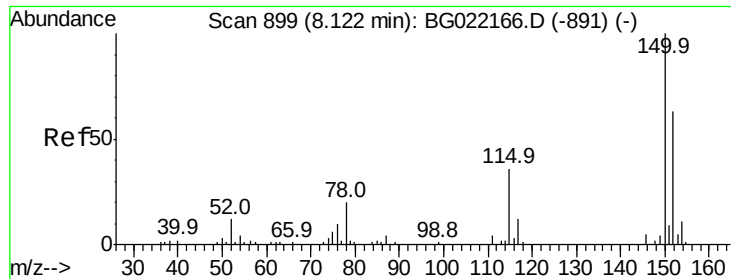
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022507.D
 Acq On : 23 Jun 2016 6:29
 Operator : UM/SJ
 Sample : H3623-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 07:44:41 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)
42) 2,4,6-Trichlorophenol	13.06	196	95484	48.32	nq	94
43) 2,4,5-Trichlorophenol	13.16	196	97290	44.56	nq	97
45) 1,1'-Biphenyl	13.45	154	414271	48.10	nq	93
46) 2-Chloronaphthalene	13.50	162	318435	48.23	nq	97
47) 2-Nitroaniline	13.72	65	79998	50.82	nq	# 56
48) Acenaphthylene	14.35	152	530378	45.79	nq	97
49) Dimethylphthalate	14.08	163	398481	41.99	nq	99
50) 2,6-Dinitrotoluene	14.20	165	90210	43.73	nq	# 80
51) Acenaphthene	14.68	154	314640	45.34	nq	94
52) 3-Nitroaniline	14.55	138	31040	13.57	nq	# 79
53) 2,4-Dinitrophenol	14.76	184	72937	85.69	nq	# 77
54) Dibenzofuran	15.02	168	478145	44.15	nq	99
55) 4-Nitrophenol	14.89	139	89399	56.62	nq	# 71
56) 2,4-Dinitrotoluene	15.00	165	119075	43.03	nq	# 86
57) Fluorene	15.67	166	397925	42.65	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.17	232	64846	33.11	nq	95
59) Diethylphthalate	15.43	149	417873	41.23	nq	100
60) 4-Chlorophenyl-phenylether	15.66	204	177154	41.93	nq	96
61) 4-Nitroaniline	15.71	138	44439	18.31	nq	# 75
62) Azobenzene	15.95	77	338651	44.12	nq	87
64) 4,6-Dinitro-2-methylphenol	15.77	198	52411	49.00	nq	# 82
65) n-Nitrosodiphenylamine	15.87	169	255026	42.07	nq	97
66) 4-Bromophenyl-phenylether	16.55	248	95183	48.28	nq	98
67) Hexachlorobenzene	16.67	284	96515	42.00	nq	95
69) Pentachlorophenol	17.02	266	70043	68.31	nq	97
70) Phenanthrene	17.41	178	527486	46.15	nq	97
71) Anthracene	17.50	178	522514	46.10	nq	95
72) Carbazole	17.78	167	301756	28.11	nq	97
73) Di-n-butylphthalate	18.31	149	636133	45.33	nq	98
74) Fluoranthene	19.42	202	507783	38.65	nq	95
77) Pyrene	19.77	202	496575	55.84	nq	99
79) Butylbenzylphthalate	20.64	149	250774	60.80	nq	# 95
80) Benzo(a)anthracene	21.60	228	385316	48.03	nq	98
82) Chrysene	21.67	228	370051	47.41	nq	98
83) Bis(2-ethylhexyl)phthalate	21.48	149	360205	59.39	nq	# 95
84) Di-n-octyl phthalate	22.67	149	588554	58.44	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.46	276	361801	41.32	nq	# 78
87) Benzo(b)fluoranthene	23.79	252	354363	54.87	nq	# 94
88) Benzo(k)fluoranthene	23.86	252	342445	53.86	nq	# 94
89) Benzo(a)pyrene	24.66	252	323230	52.34	nq	# 92
90) Dibenzo(a,h)anthracene	28.51	278	305517	52.53	nq	# 87
91) Benzo(g,h,i)perylene	29.59	276	277180	45.81	nq	# 83

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

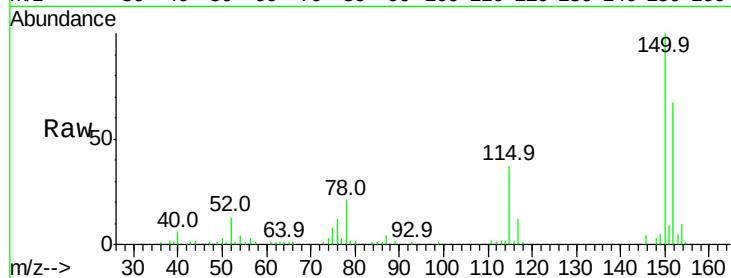


#1

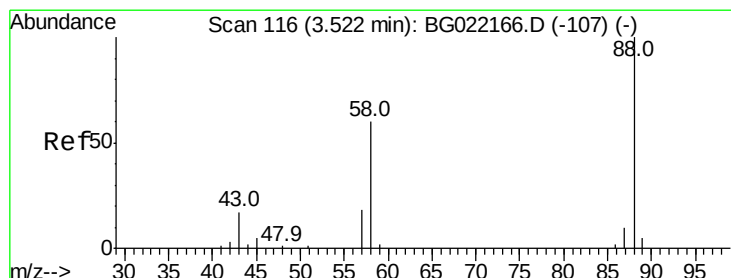
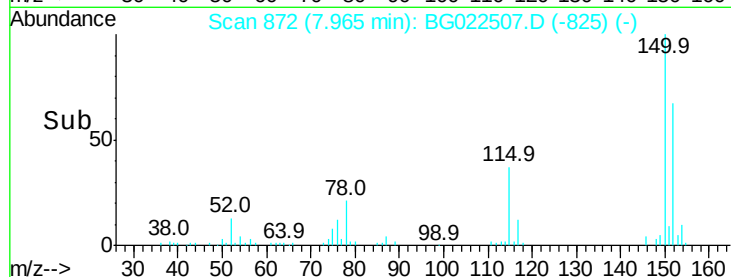
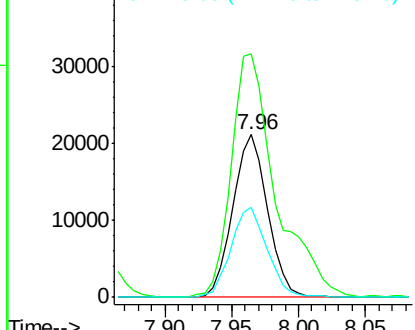
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 872
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38387
Ion Ratio Lower Upper
152 100
150 149.5 130.1 195.1
115 55.6 62.2 93.2#



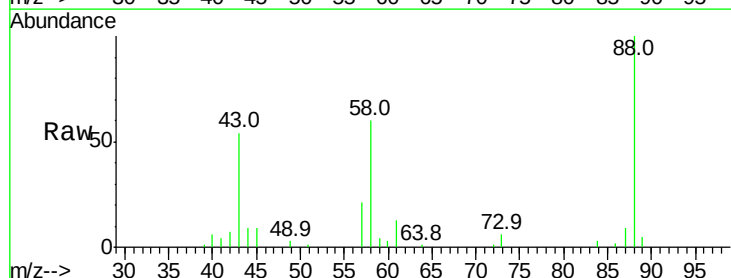
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



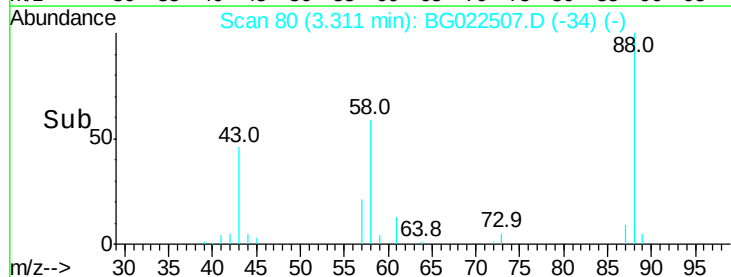
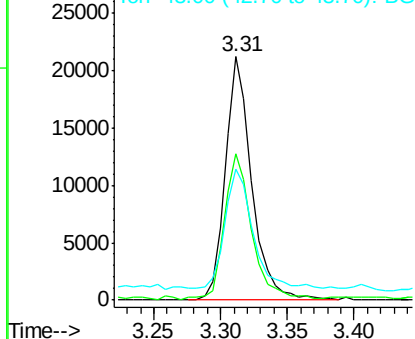
#2

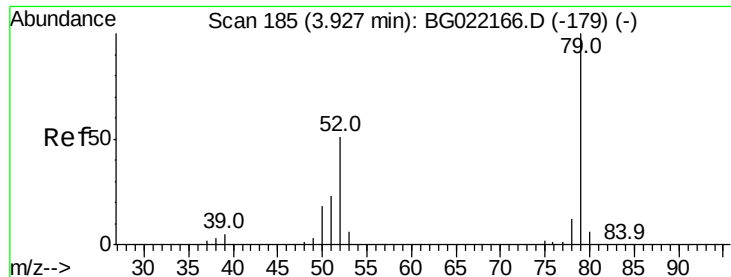
1,4-Dioxane
Concen: 30.94 ng
RT: 3.31 min Scan# 80
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion: 88 Resp: 29455
Ion Ratio Lower Upper
88 100
58 63.4 36.8 55.2#
43 53.6 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: 22.71 ng

RT: 3.75 min Scan# 155

Delta R.T. -0.00 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

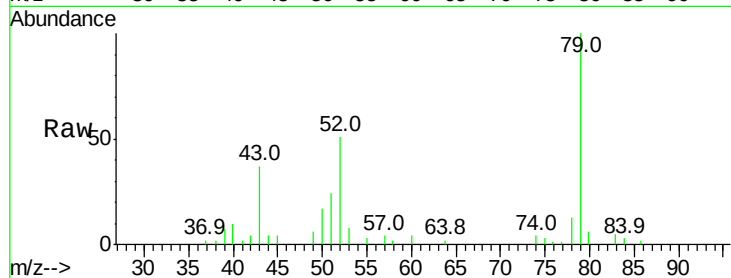
Tot Ion: 79 Resp: 58421

Ion Ratio Lower Upper

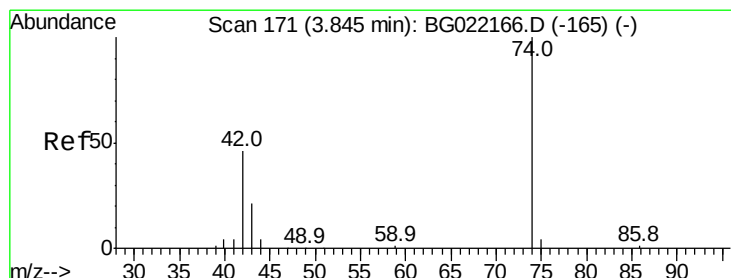
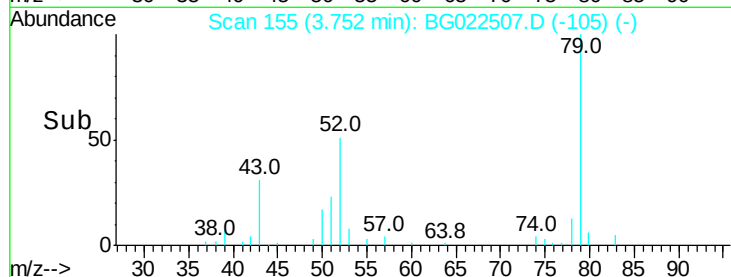
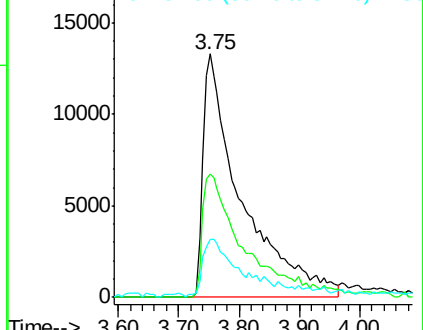
79 100

52 50.9 41.6 62.4

51 24.0 19.2 28.8



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



#4

n-Nitrosodimethylamine

Concen: 47.36 ng

RT: 3.65 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

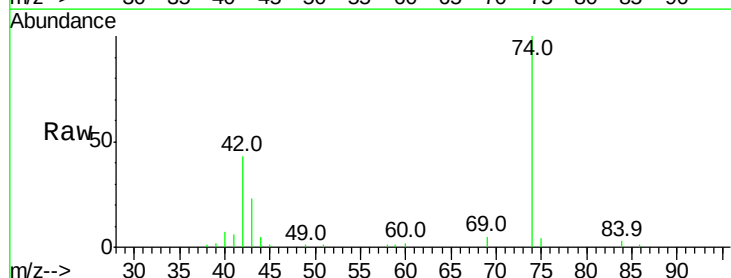
Tgt Ion: 42 Resp: 27244

Ion Ratio Lower Upper

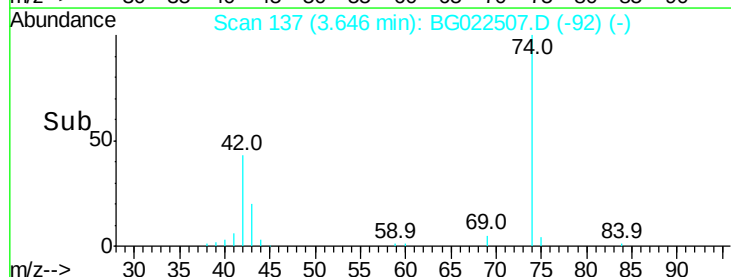
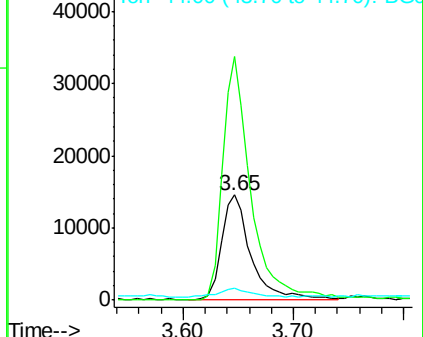
42 100

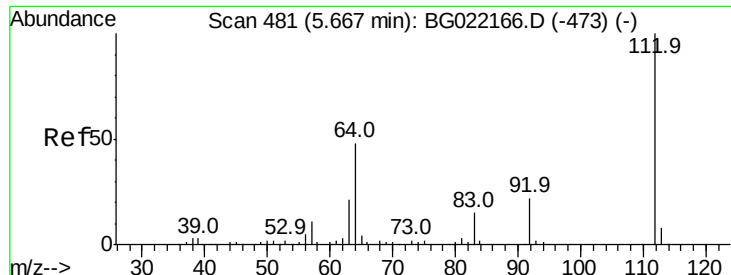
74 231.4 184.0 276.0

44 11.0 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: 166.24 ng

RT: 5.51 min Scan# 455

Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampled :

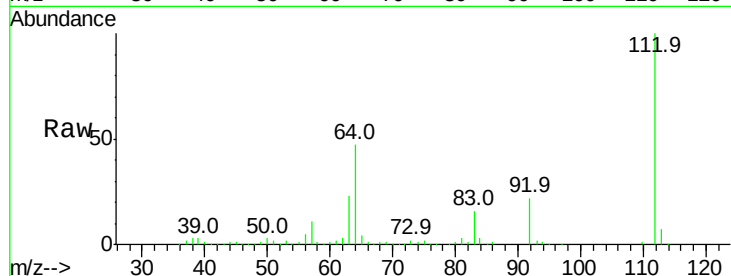
Tot Ion:112 Resp: 330062

Ion Ratio Lower Upper

112 100

64 47.3 51.1 76.7#

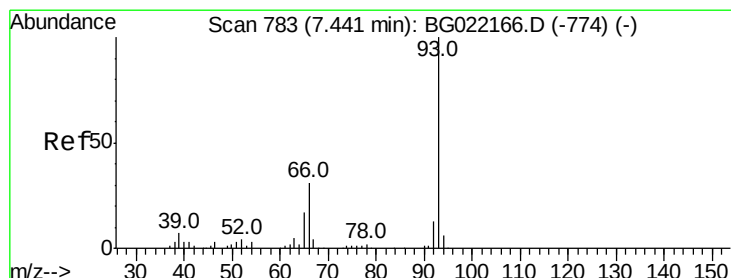
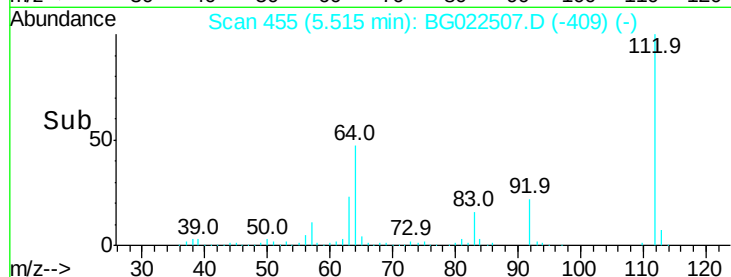
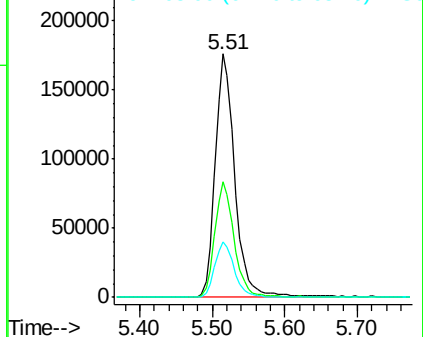
63 22.8 24.6 37.0#



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: 33.15 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

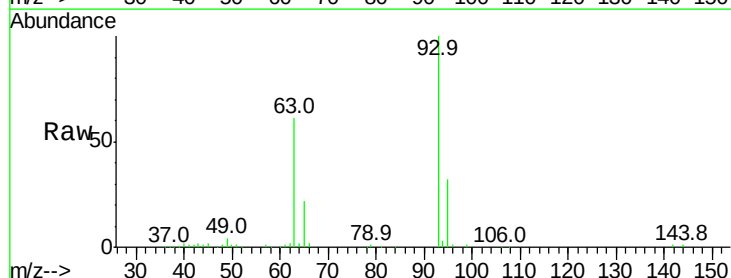
Tgt Ion: 93 Resp: 131483

Ion Ratio Lower Upper

93 100

66 1.6 36.3 54.5#

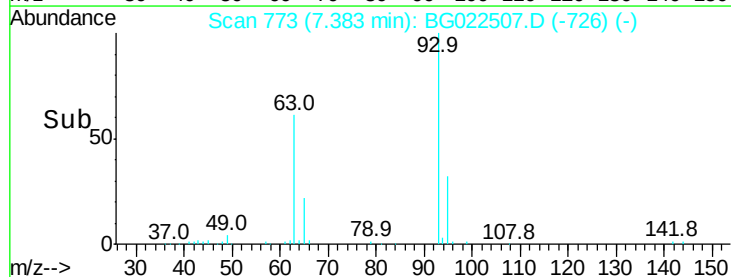
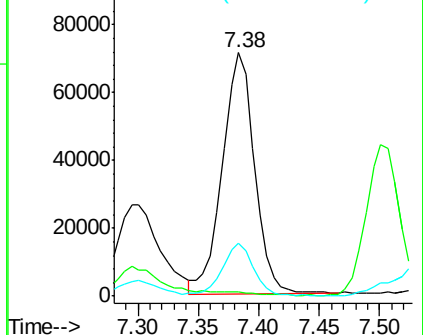
65 21.6 18.4 27.6

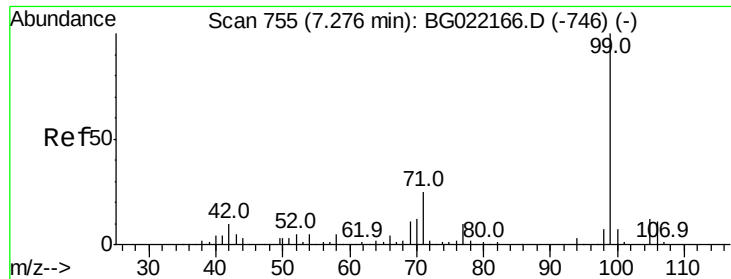


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.44 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

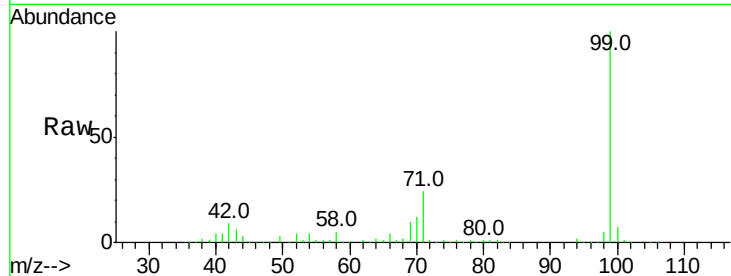
Tot Ion: 99 Resp: 460250

Ion Ratio Lower Upper

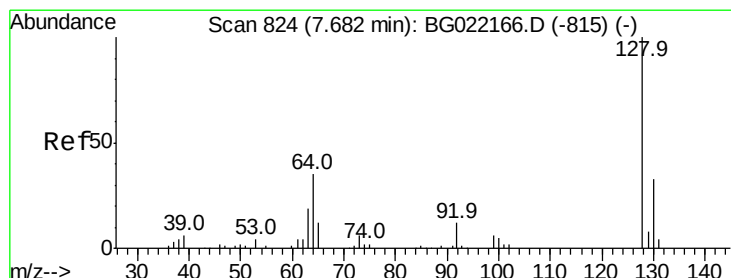
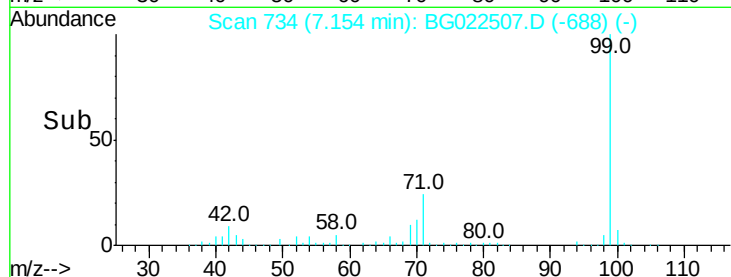
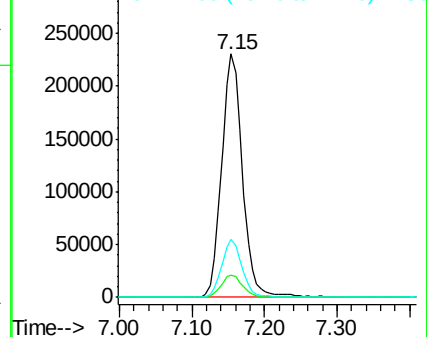
99 100

42 9.2 16.4 24.6#

71 23.8 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: 51.92 ng

RT: 7.54 min Scan# 799

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

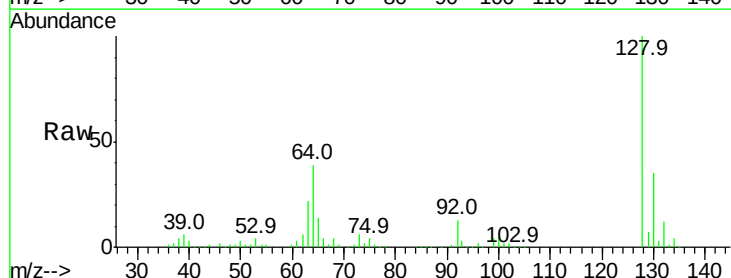
Tgt Ion: 128 Resp: 142467

Ion Ratio Lower Upper

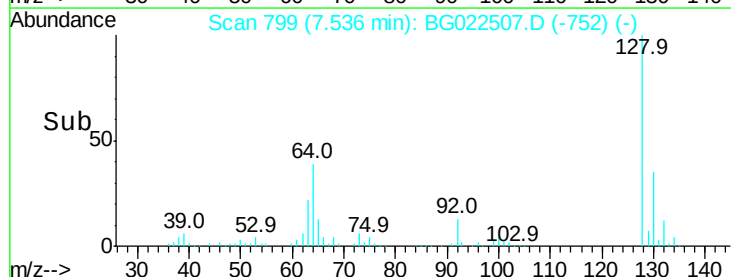
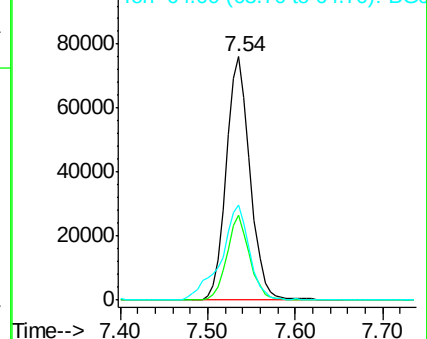
128 100

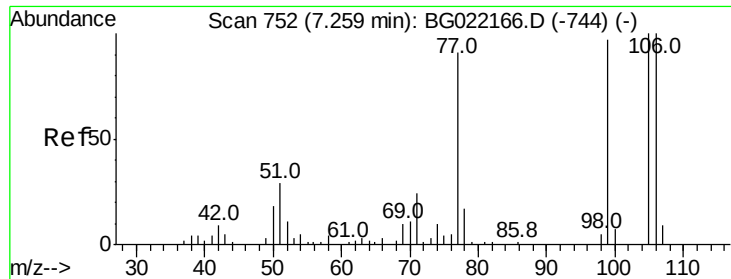
130 35.1 11.2 51.2

64 38.9 39.8 79.8#



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

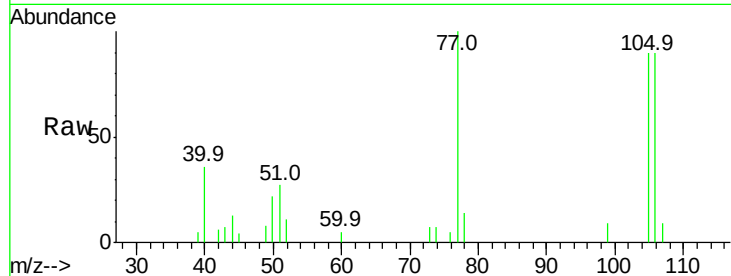




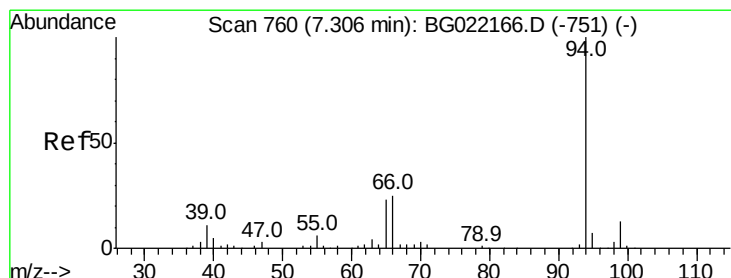
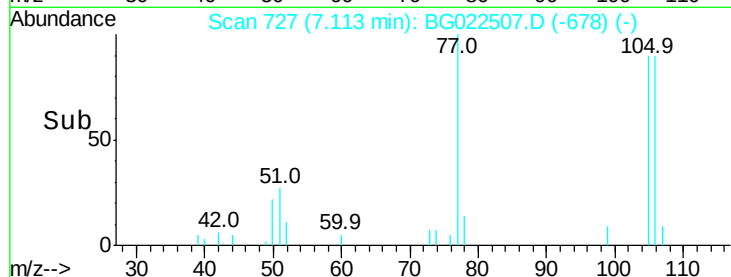
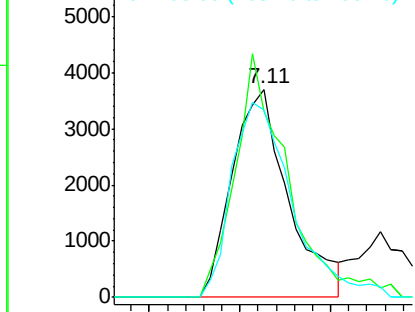
#9
Benzaldehyde
Concen: 4.65 ng
RT: 7.11 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 7992
Ion Ratio Lower Upper
77 100
105 89.7 62.1 102.1
106 89.9 65.6 105.6

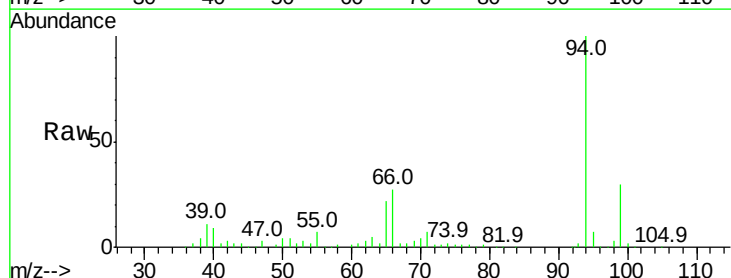


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

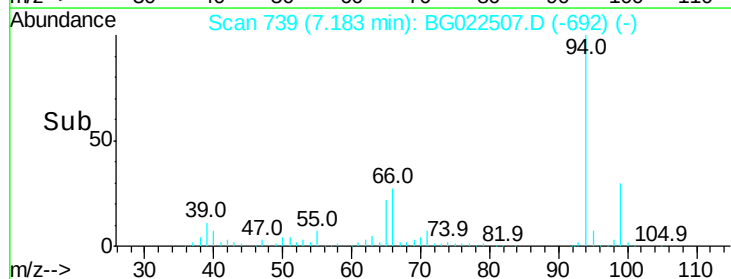
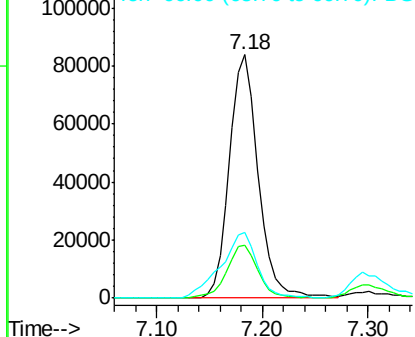


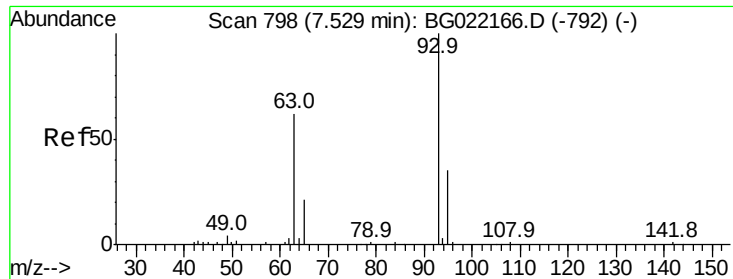
#10
Phenol
Concen: 49.23 ng
RT: 7.18 min Scan# 739
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion: 94 Resp: 158444
Ion Ratio Lower Upper
94 100
65 21.5 9.8 49.8
66 27.0 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: 51.24 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampled :

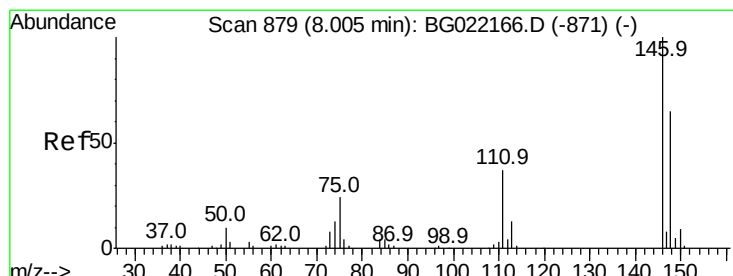
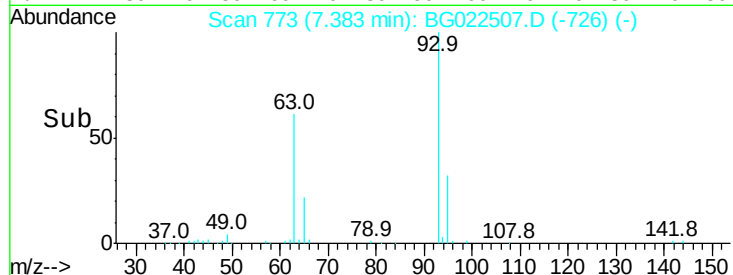
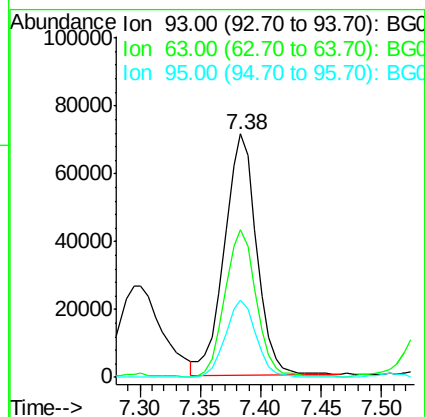
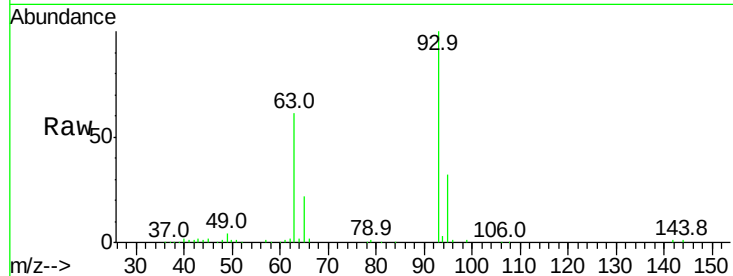
Tot Ion: 93 Resp: 131483

Ion Ratio Lower Upper

93 100

63 60.9 74.9 114.9#

95 31.8 8.3 48.3



#12

1,3-Dichlorobenzene

Concen: 40.58 ng

RT: 7.85 min Scan# 852

Delta R.T. -0.03 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

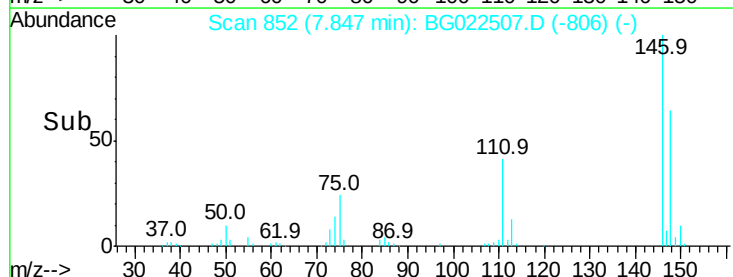
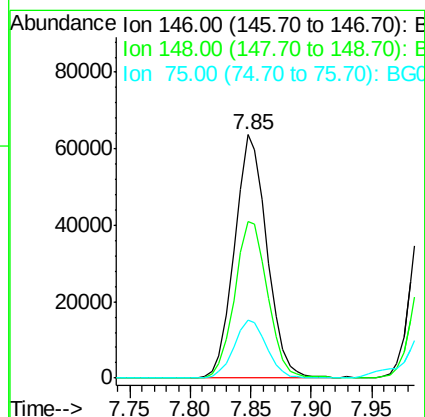
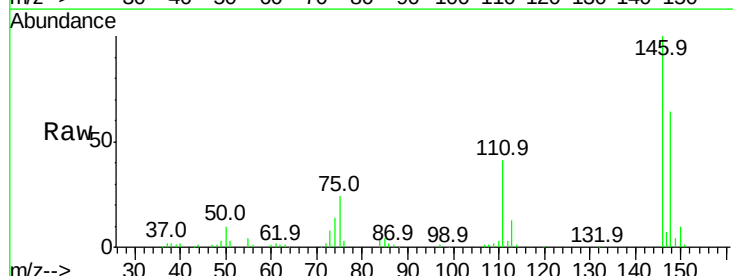
Tgt Ion:146 Resp: 119363

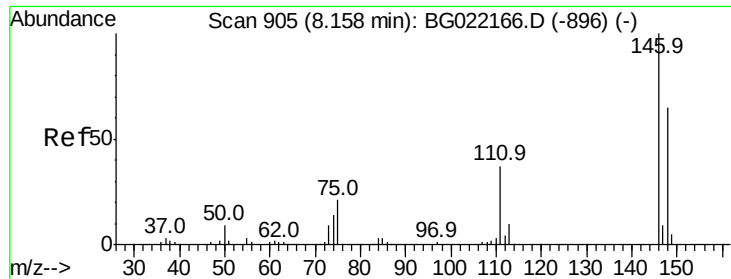
Ion Ratio Lower Upper

146 100

148 64.4 53.7 80.5

75 23.8 27.4 41.0#

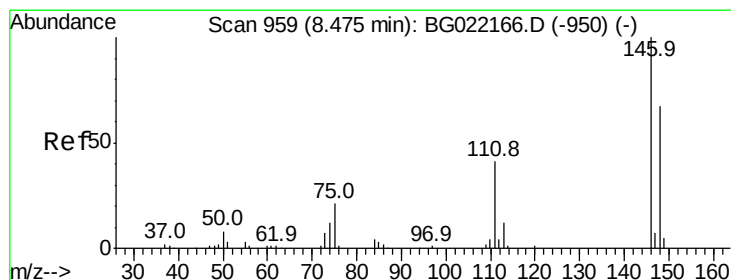
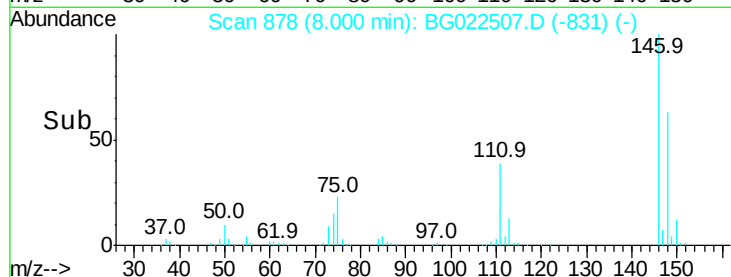
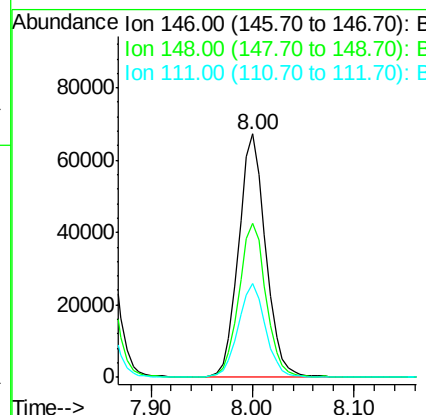
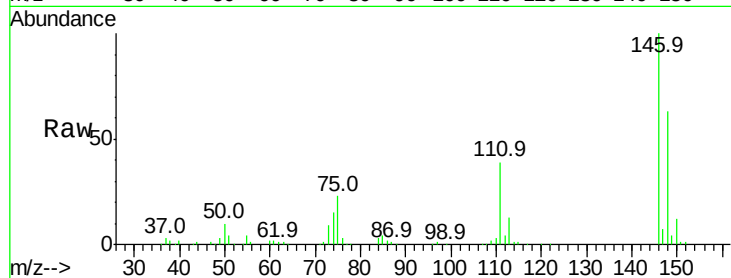




#13
 1,4-Dichlorobenzene
 Concen: 42.69 ng
 RT: 8.00 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

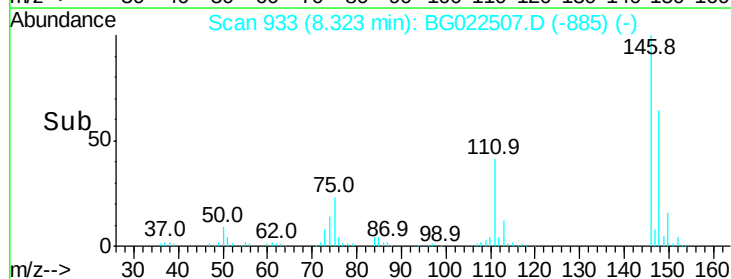
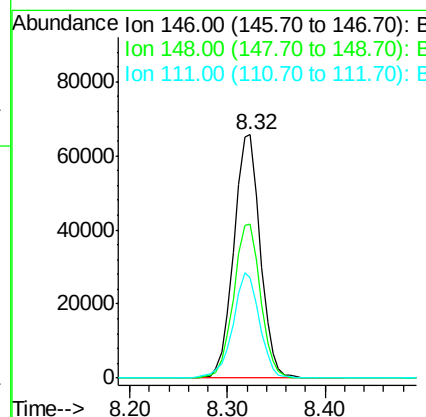
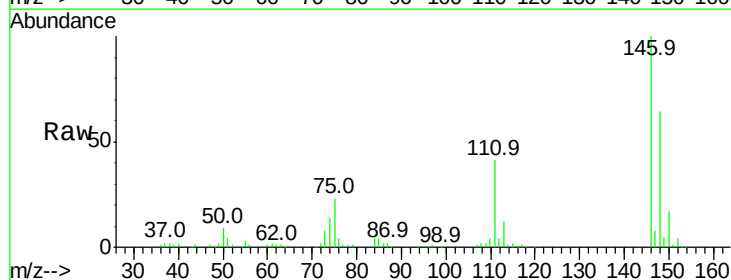
Instrument :
 BNA_G
 ClientSampleId :

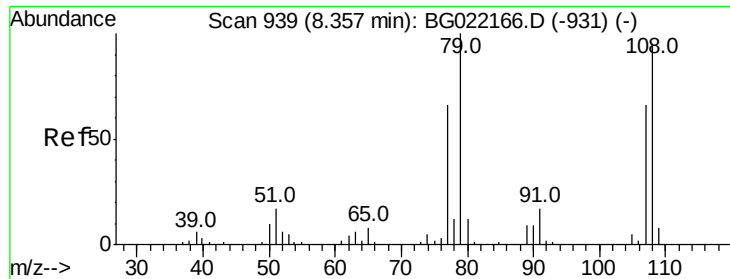
Tot Ion:146 Resp: 125107
 Ion Ratio Lower Upper
 146 100
 148 63.1 46.7 70.1
 111 38.6 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 41.91 ng
 RT: 8.32 min Scan# 933
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion:146 Resp: 123802
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.6 79.0
 111 41.2 36.1 54.1

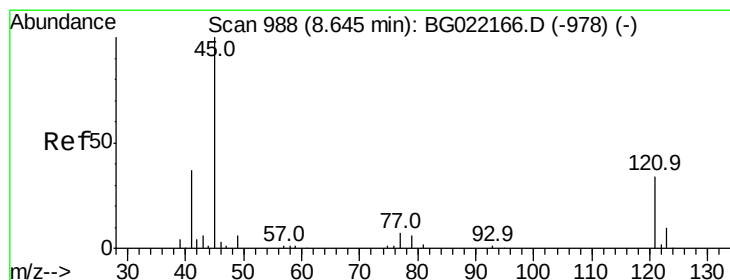
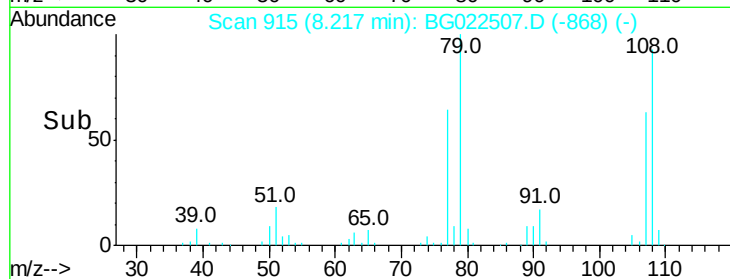
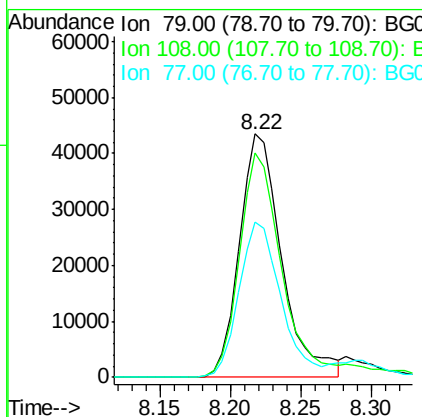
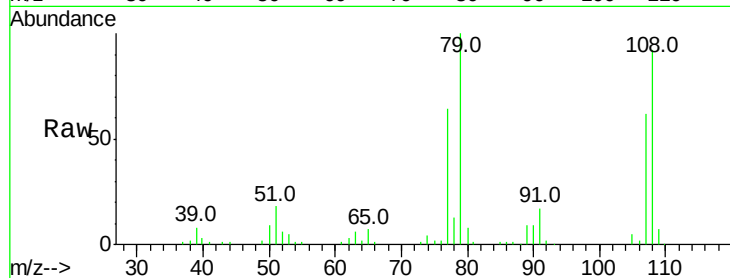




#15
Benzvl Alcohol
Concen: 45.15 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

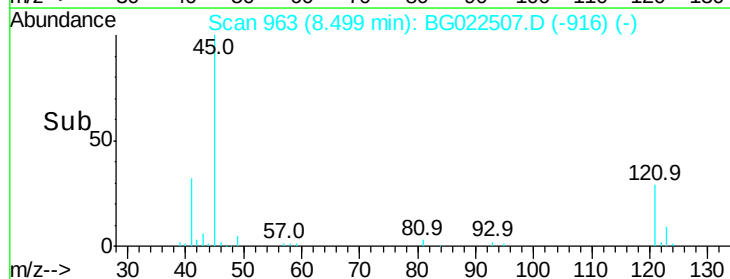
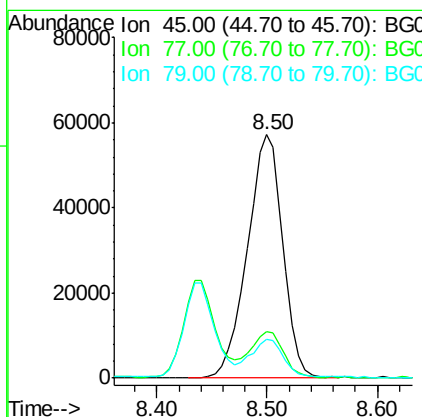
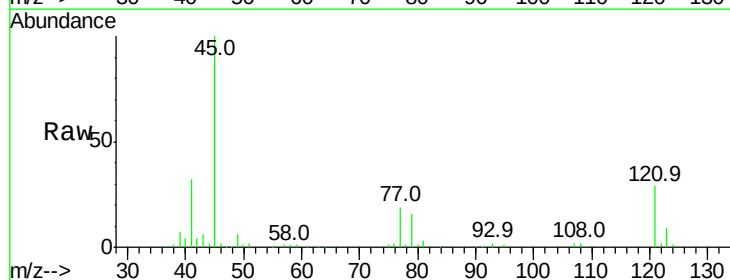
Instrument :
BNA_G
ClientSampleId :

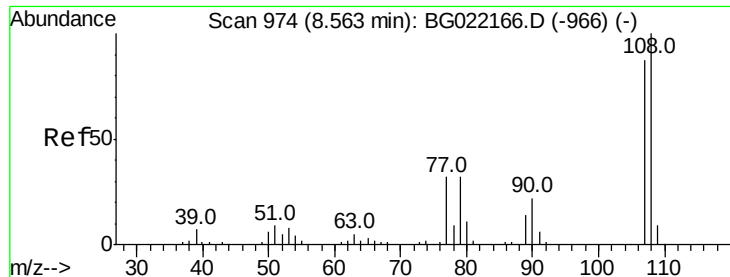
Tot Ion: 79 Resp: 91065
Ion Ratio Lower Upper
79 100
108 92.1 59.4 89.0#
77 63.9 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.34 ng
RT: 8.50 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion: 45 Resp: 128711
Ion Ratio Lower Upper
45 100
77 18.9 0.0 31.2
79 16.0 0.0 29.0

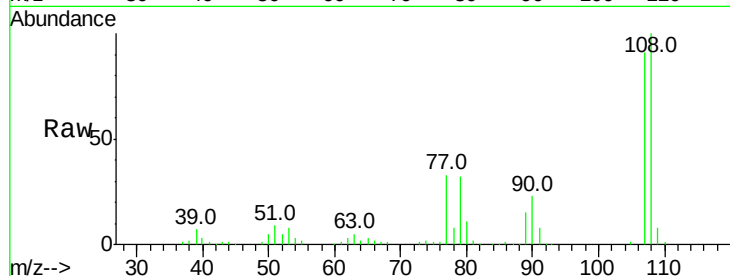




#17
2-Methylphenol
Concen: 51.59 ng
RT: 8.44 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	80.2	120.4
77	36.2	40.7	61.1#
79	35.3	39.8	59.8#



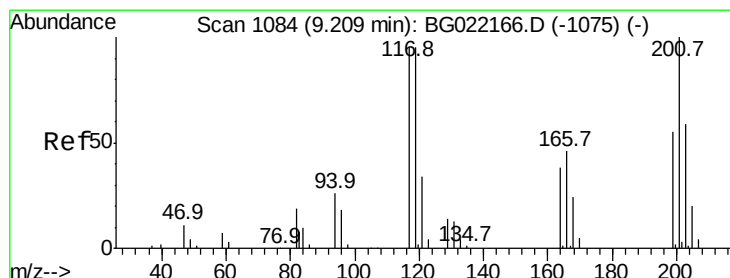
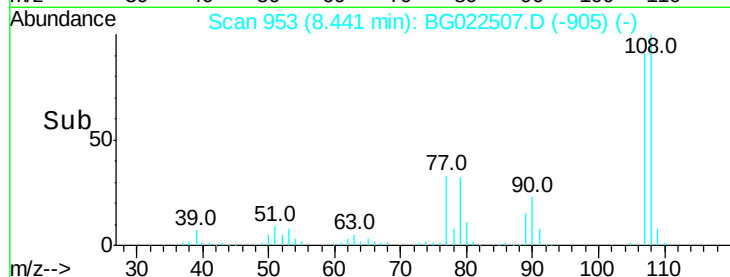
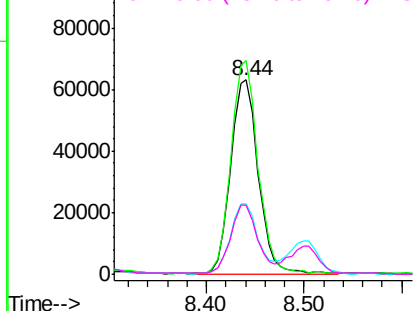
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

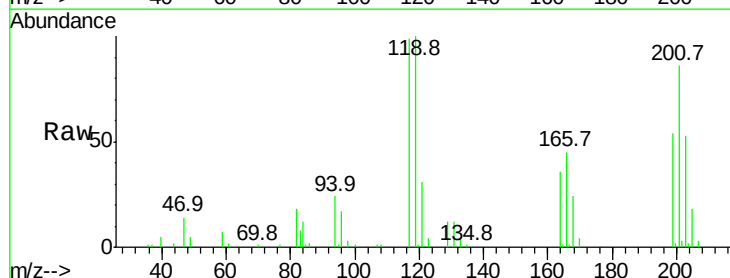
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 43.76 ng
RT: 9.05 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.6	63.9	95.9#
201	90.0	61.2	91.8

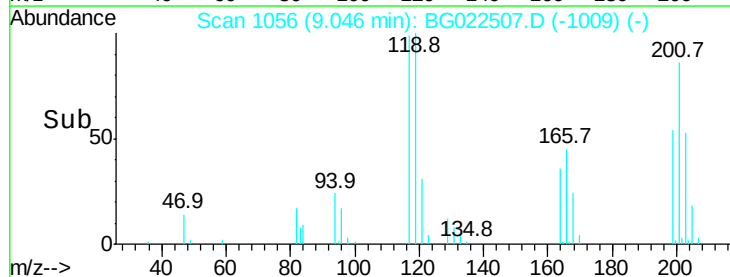
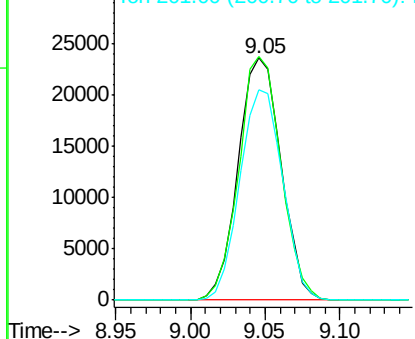


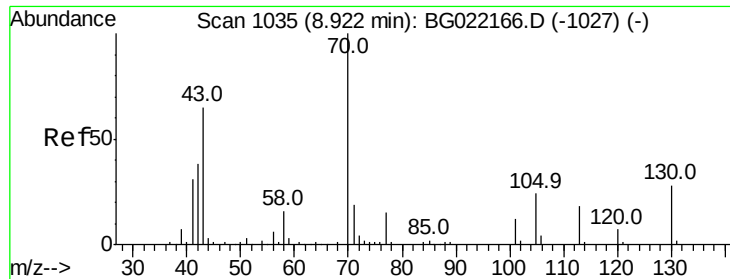
Abundance

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

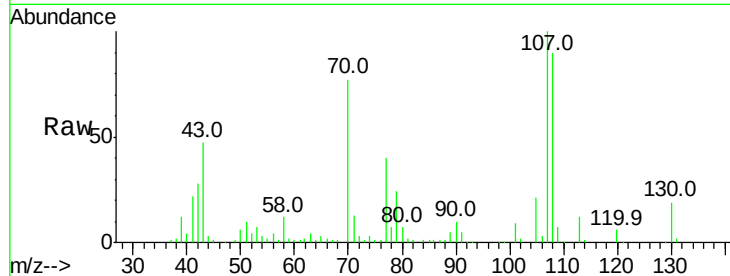




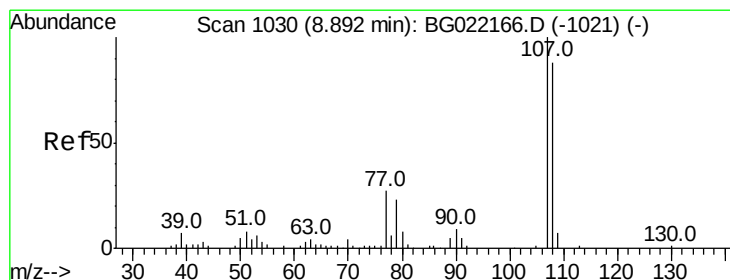
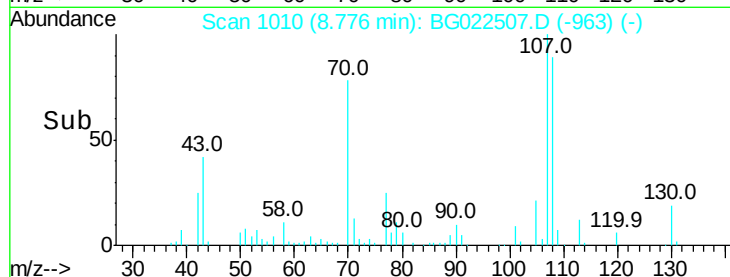
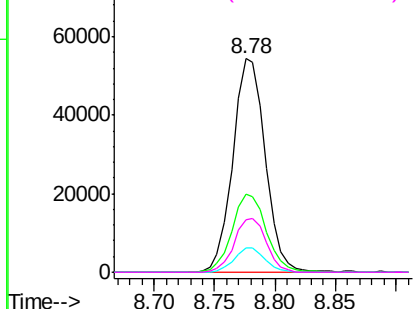
#19
n-Nitroso-di-n-propylamine
Concen: 48.22 ng
RT: 8.78 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 101892
Ion Ratio Lower Upper
70 100
42 36.5 56.7 85.1#
101 11.4 8.2 12.4
130 24.4 14.0 21.0#

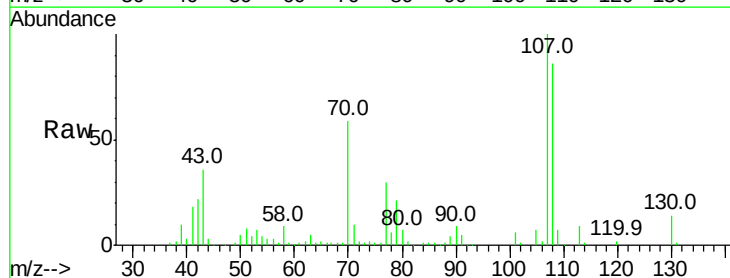


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

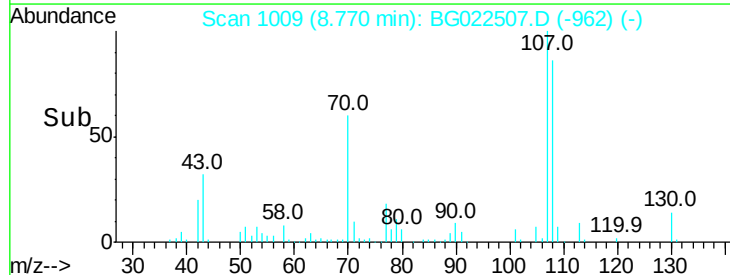
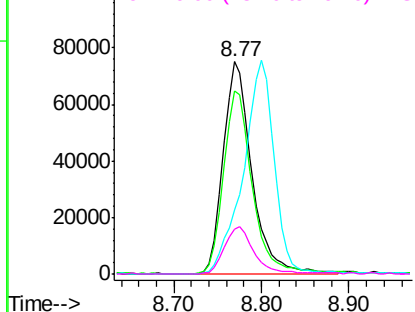


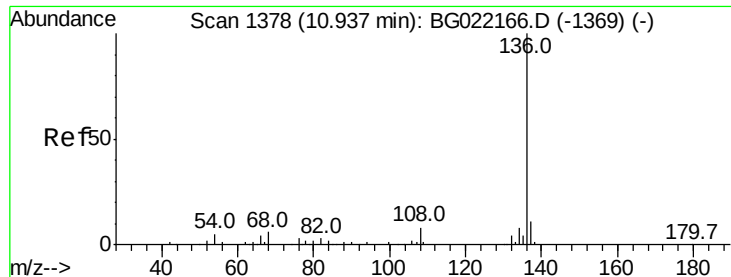
#20
3+4-Methylphenols
Concen: 49.20 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion: 107 Resp: 169490
Ion Ratio Lower Upper
107 100
108 86.2 66.2 106.2
77 30.5 11.5 51.5
79 21.4 5.6 45.6



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.79 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 203406

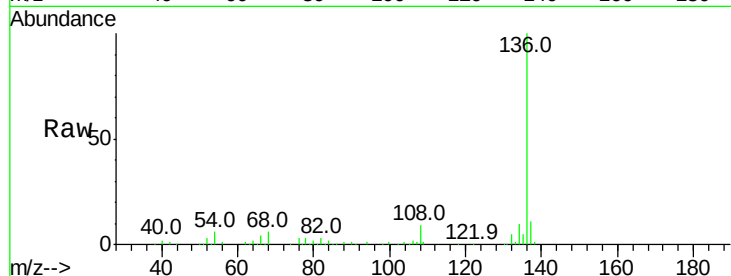
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.1 9.6 14.4#

68 5.5 6.4 9.6#

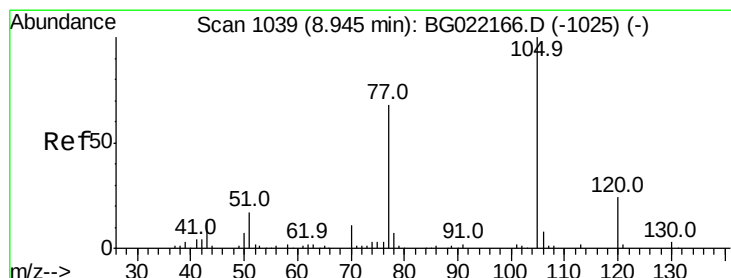
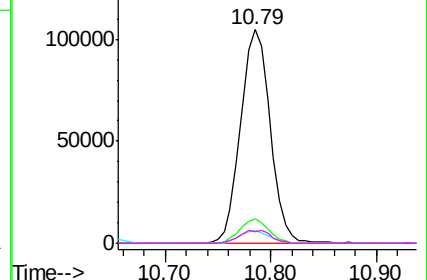
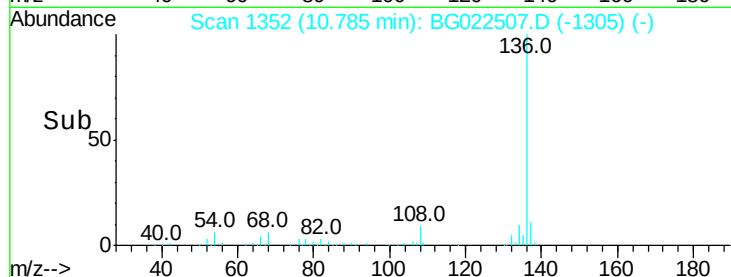


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.48 ng

RT: 8.80 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:105 Resp: 199354

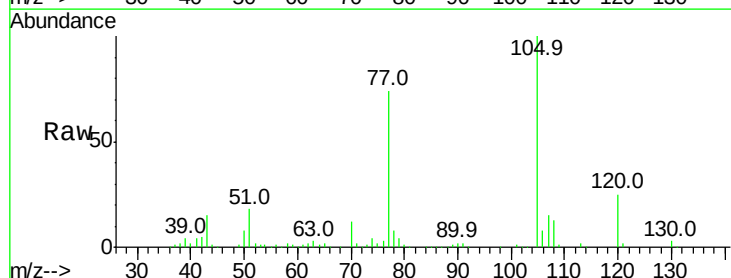
Ion Ratio Lower Upper

105 100

71 1.8 0.0 0.0#

51 17.7 25.7 38.5#

120 24.8 17.0 25.6

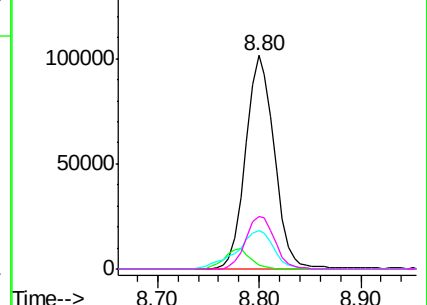
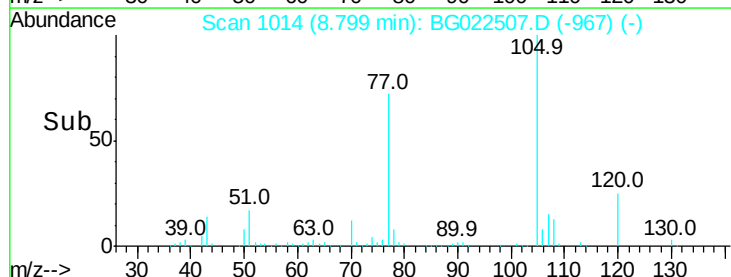


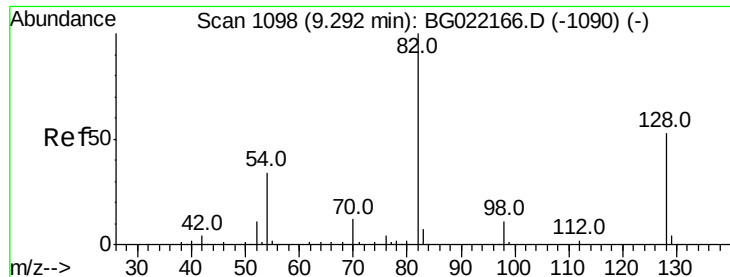
Abundance Ion 105.00 (104.70 to 105.70): E

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

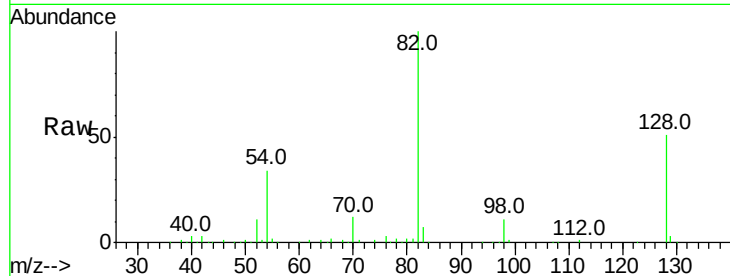




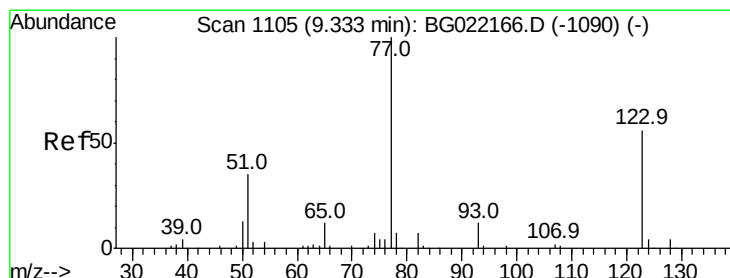
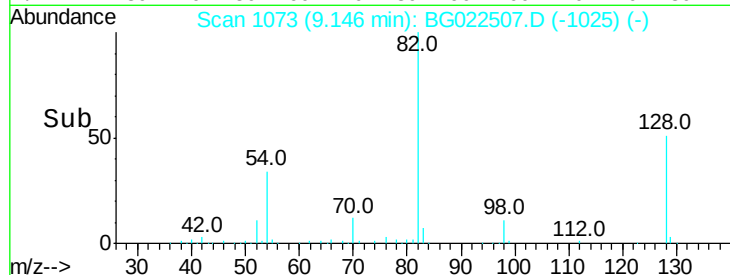
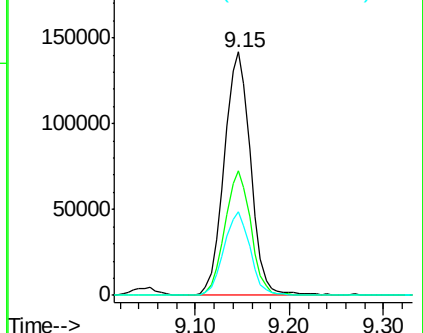
#23
Nitrobenzene-d5
Concen: 94.97 ng
RT: 9.15 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 277076
Ion Ratio Lower Upper
82 100
128 51.0 33.4 50.0#
54 34.2 46.1 69.1#

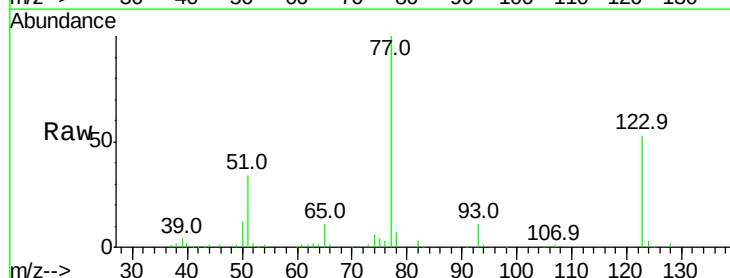


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

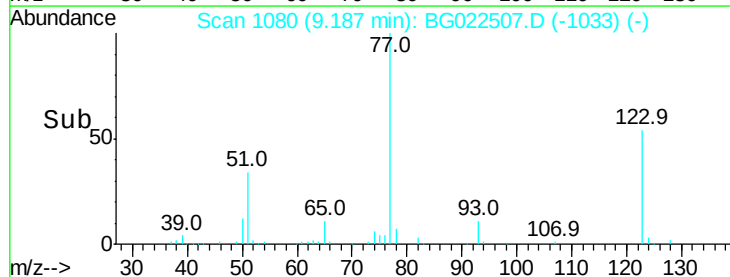
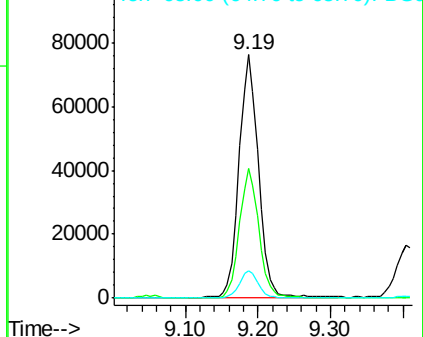


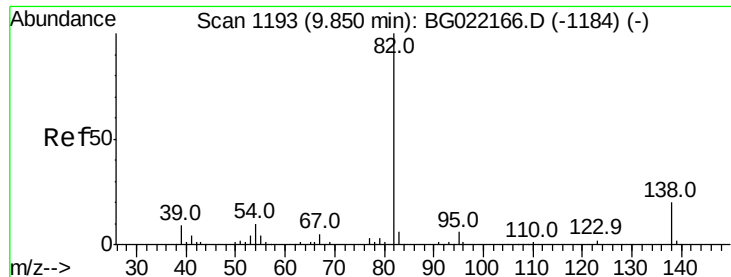
#24
Nitrobenzene
Concen: 48.85 ng
RT: 9.19 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion: 77 Resp: 143326
Ion Ratio Lower Upper
77 100
123 53.2 32.2 48.4#
65 11.3 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: 43.61 ng

RT: 9.71 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

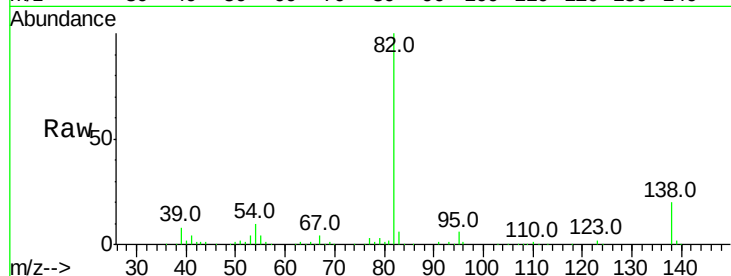
Tot Ion: 82 Resp: 297713

Ion Ratio Lower Upper

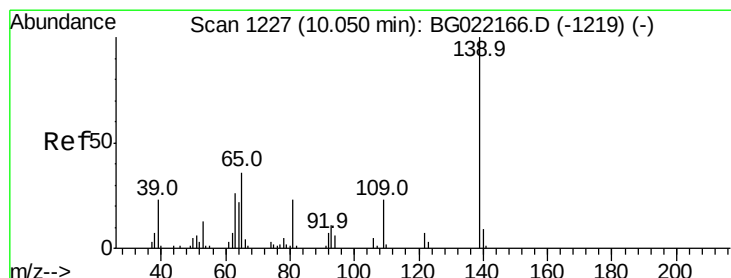
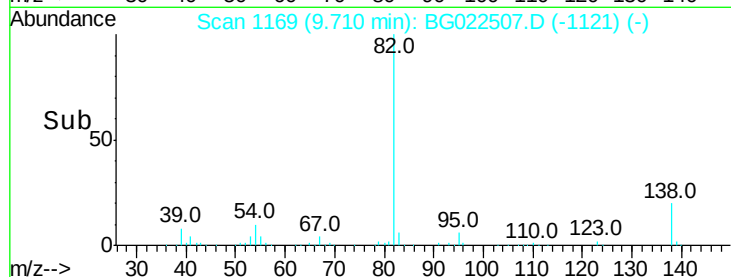
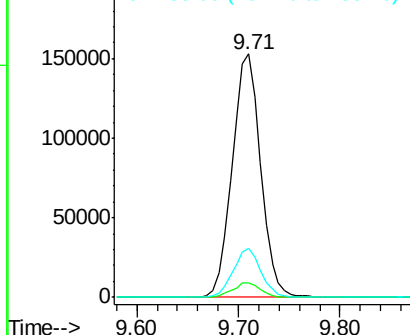
82 100

95 5.7 6.0 9.0#

138 19.9 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: 50.56 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

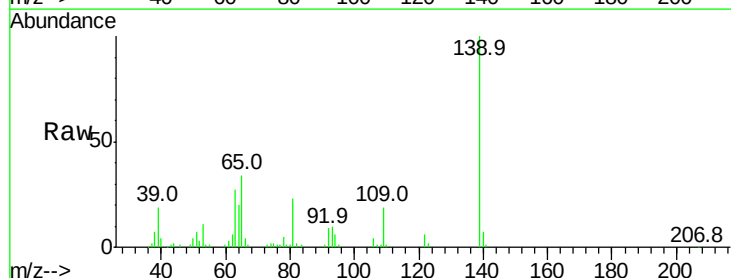
Tgt Ion:139 Resp: 80435

Ion Ratio Lower Upper

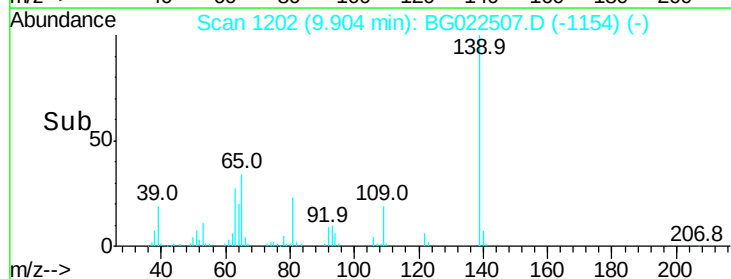
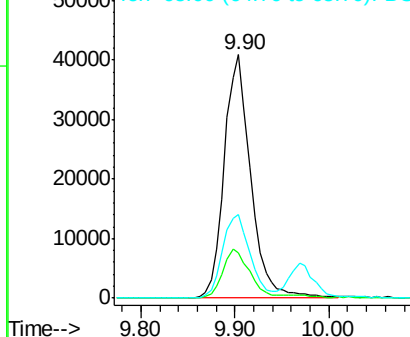
139 100

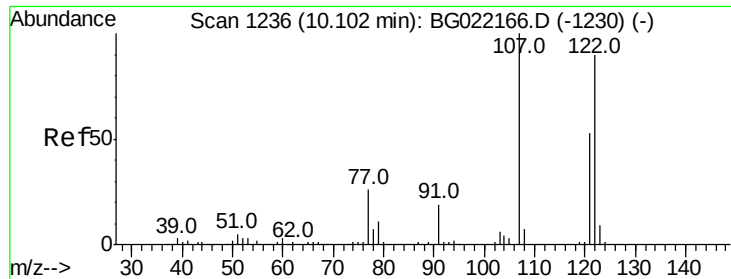
109 18.5 26.6 40.0#

65 34.3 45.3 67.9#



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

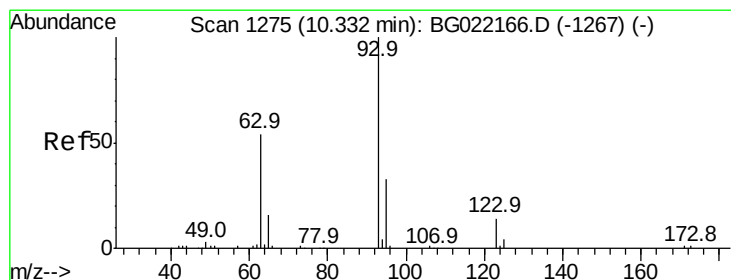
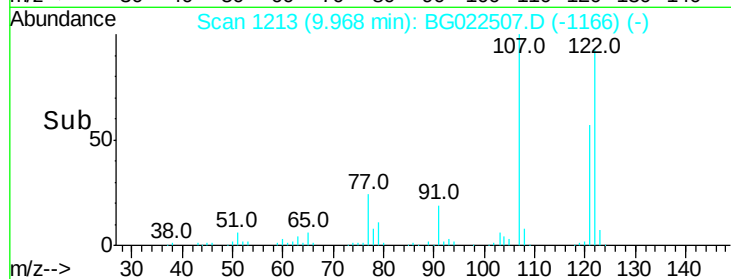
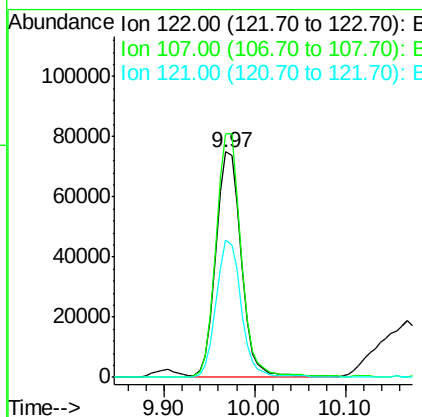
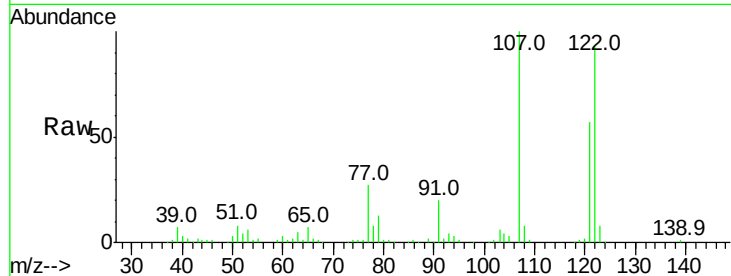




#27
 2,4-Dimethylphenol
 Concen: 50.28 ng
 RT: 9.97 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

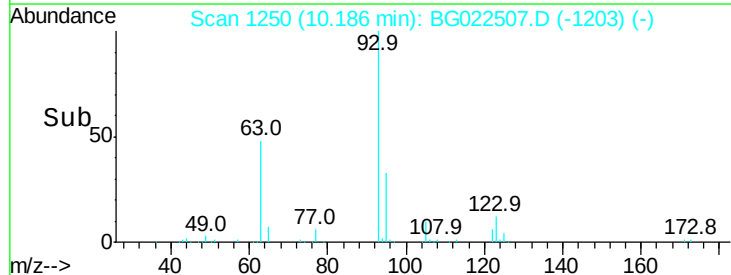
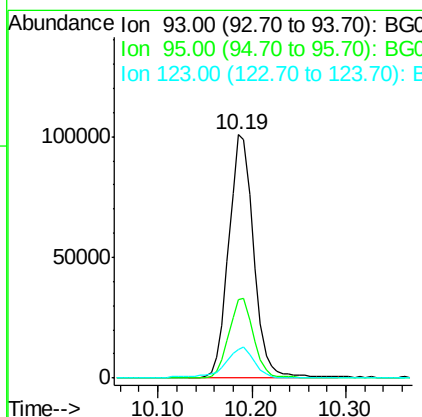
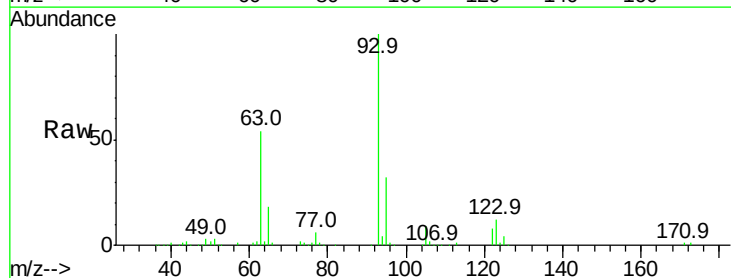
Instrument :
 BNA_G
 ClientSampleId :

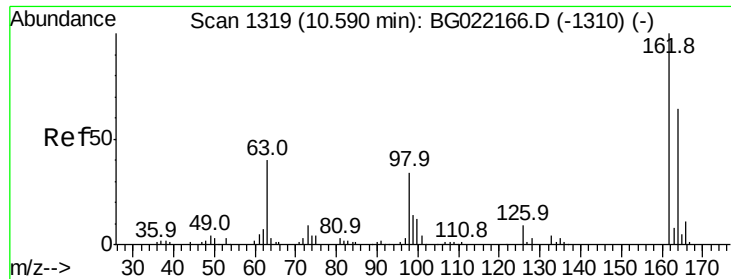
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.8	97.2	145.8
121	61.1	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.80 ng
 RT: 10.19 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	30.1	45.1
123	12.0	10.2	15.4

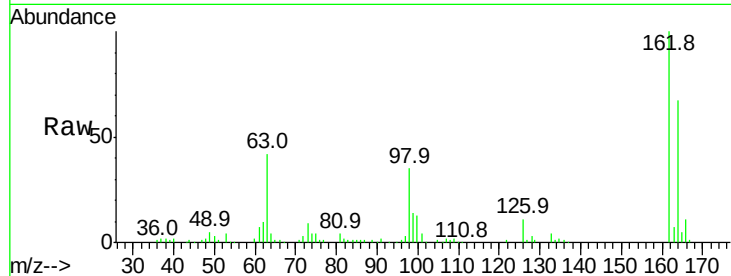




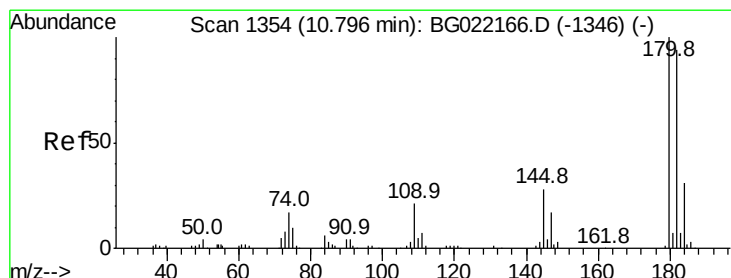
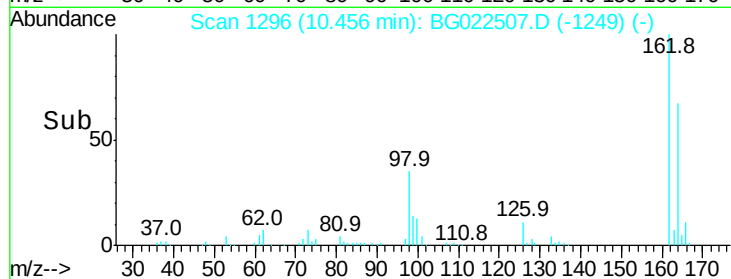
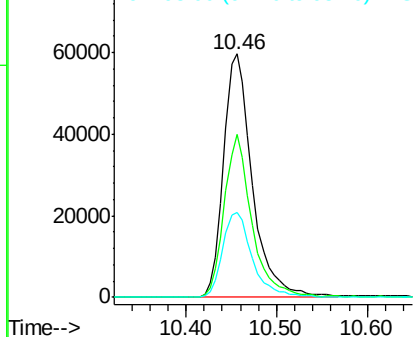
#29
 2,4-Dichlorophenol
 Concen: 49.39 ng
 RT: 10.46 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	44.9	84.9
98	35.0	19.2	59.2

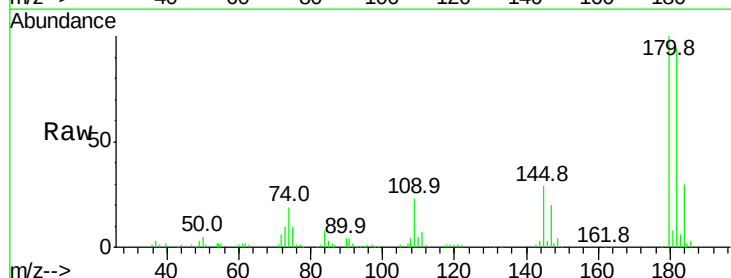


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

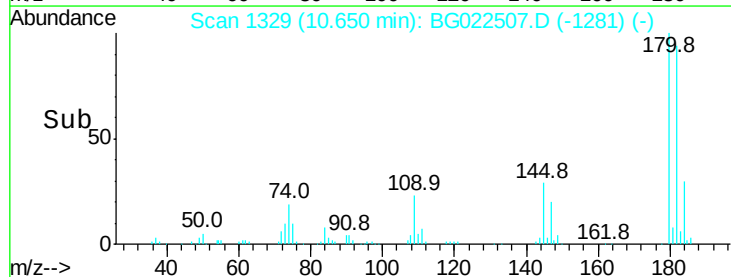
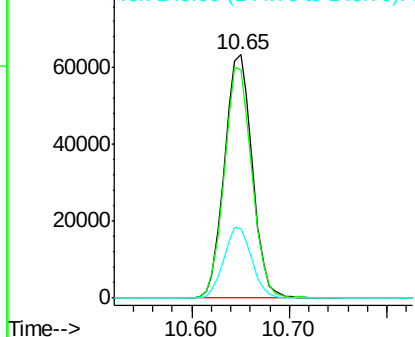


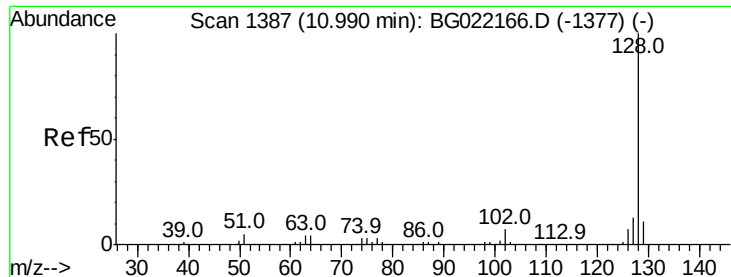
#30
 1,2,4-Trichlorobenzene
 Concen: 41.92 ng
 RT: 10.65 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	82.3	123.5
145	28.8	24.4	36.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

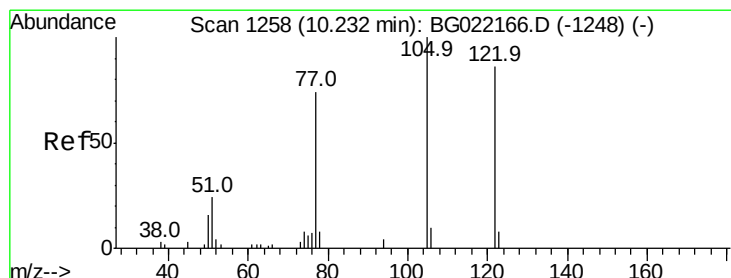
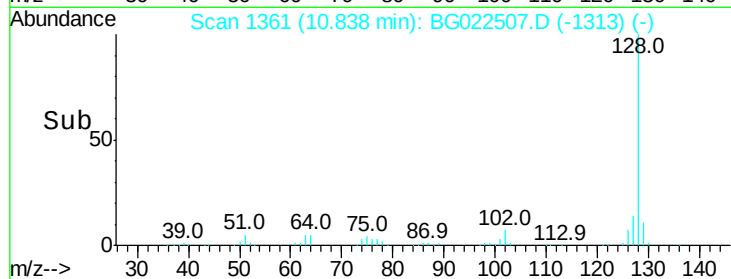
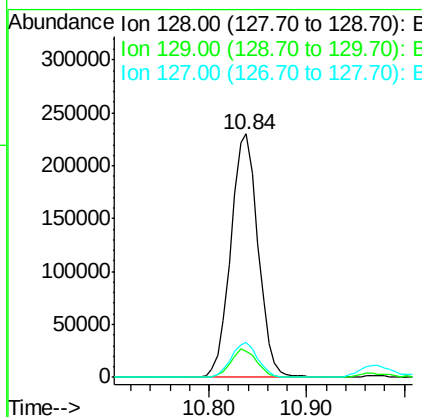
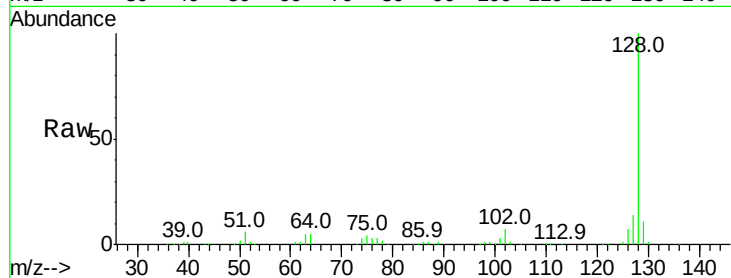




#31
Naphthalene
Concen: 44.15 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

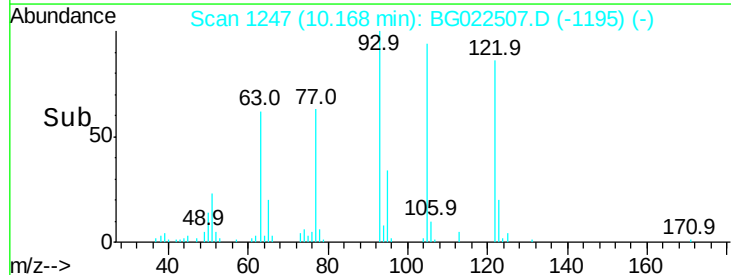
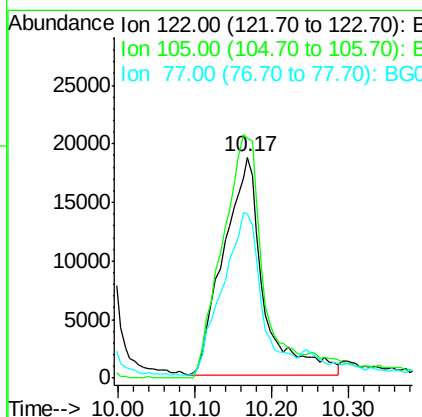
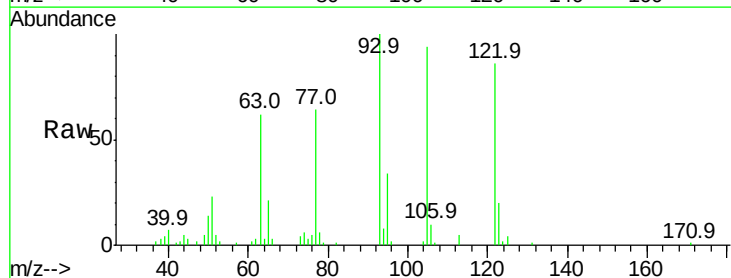
Instrument :
BNA_G
ClientSampleId :

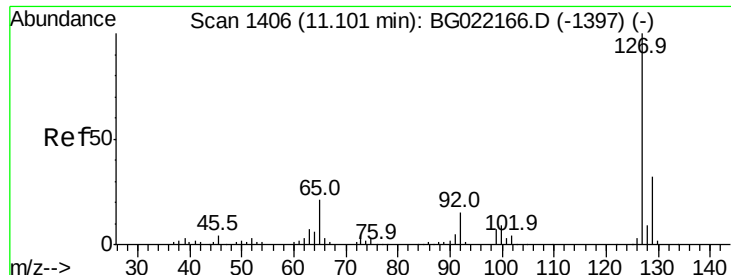
Tot Ion:128 Resp: 448266
Ion Ratio Lower Upper
128 100
129 10.9 7.0 10.6#
127 14.1 10.1 15.1



#32
Benzoic acid
Concen: 60.52 ng
RT: 10.17 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:122 Resp: 67386
Ion Ratio Lower Upper
122 100
105 108.7 104.5 144.5
77 74.0 79.9 119.9#

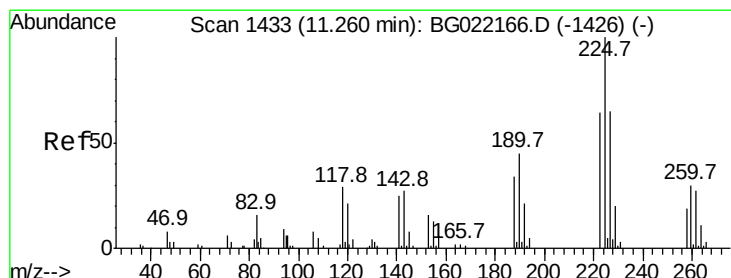
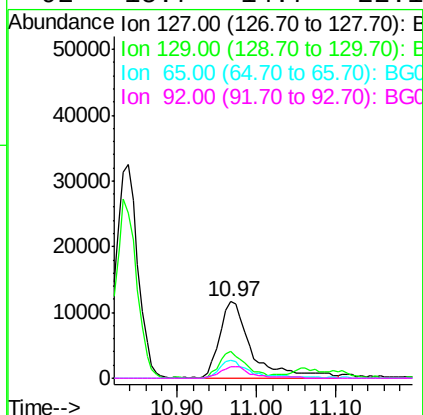
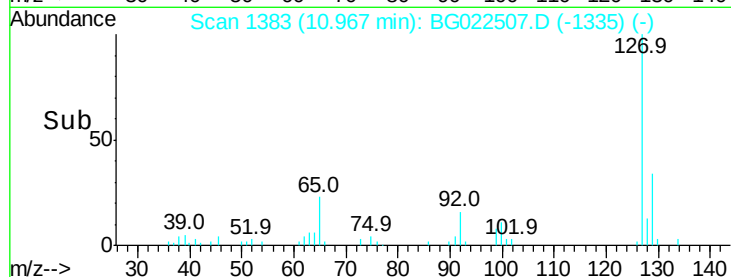
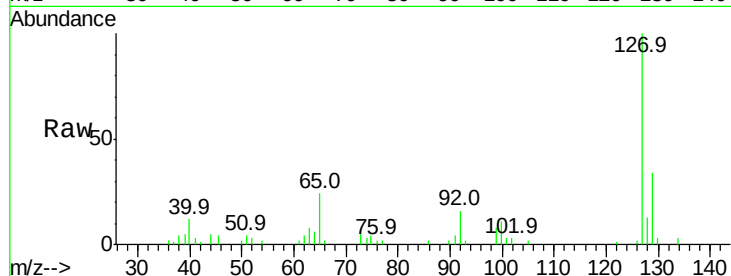




#33
4-Chloroaniline
Concen: 7.83 ng
RT: 10.97 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

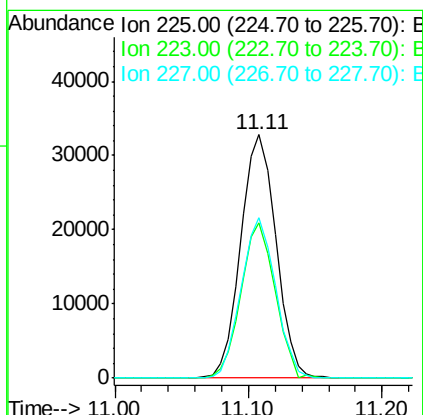
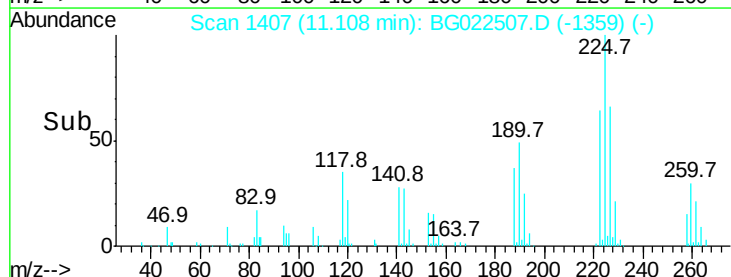
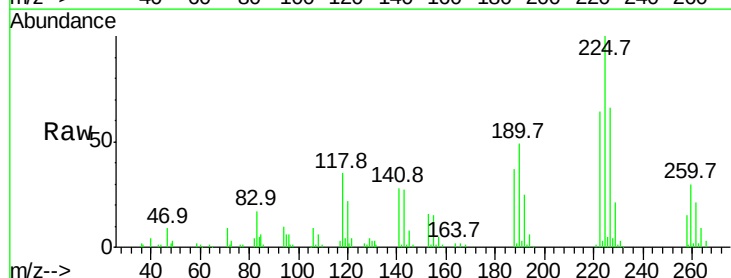
Instrument :
BNA_G
ClientSampleId :

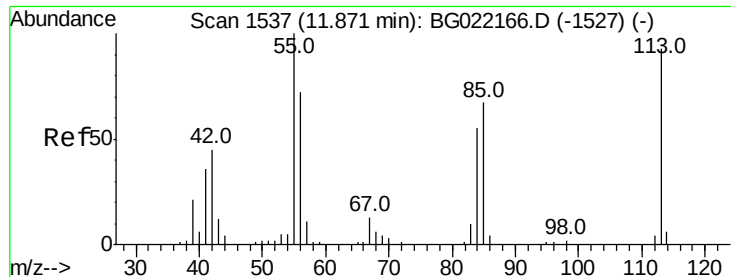
Tot Ion:127 Resp: 33055
Ion Ratio Lower Upper
127 100
129 34.4 26.6 39.8
65 23.9 27.5 41.3#
92 15.7 14.7 22.1



#34
Hexachlorobutadiene
Concen: 37.42 ng
RT: 11.11 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:225 Resp: 59873
Ion Ratio Lower Upper
225 100
223 64.0 52.7 79.1
227 66.2 49.7 74.5





#35

Caprolactam

Concen: 17.11 ng

RT: 11.75 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampled :

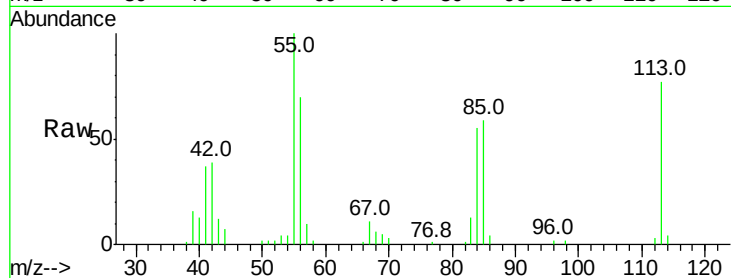
Tot Ion:113 Resp: 25034

Ion Ratio Lower Upper

113 100

55 129.9 194.2 234.2#

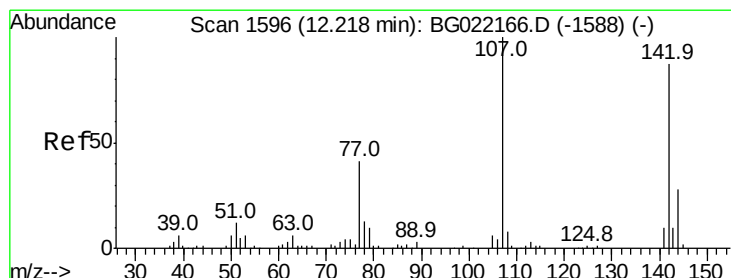
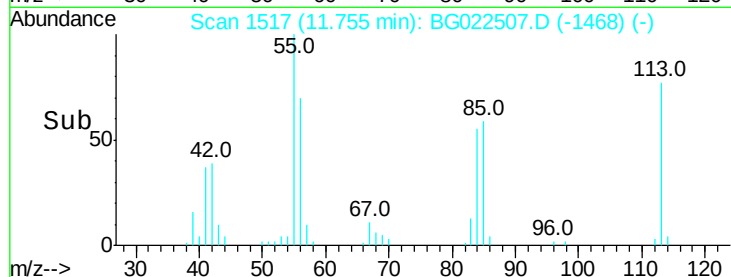
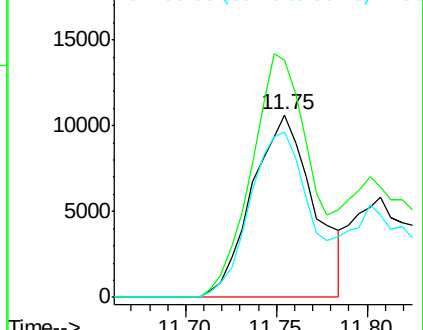
56 90.5 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.01 ng

RT: 12.11 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

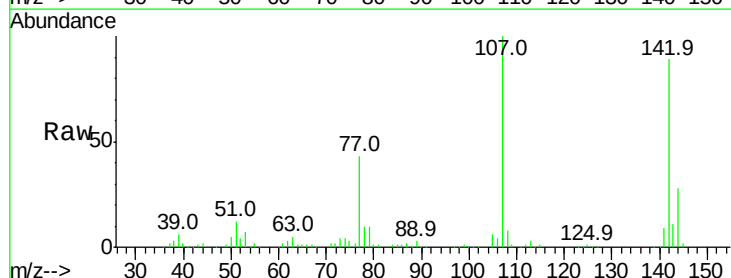
Tgt Ion:107 Resp: 145474

Ion Ratio Lower Upper

107 100

144 28.4 19.2 28.8

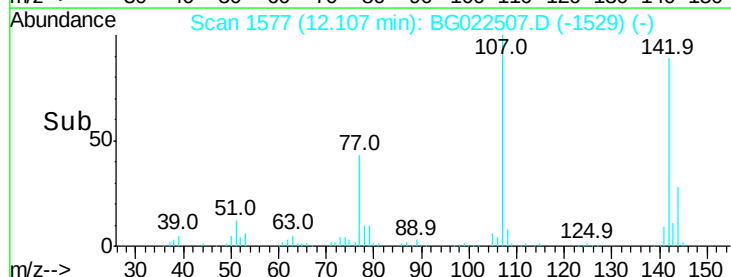
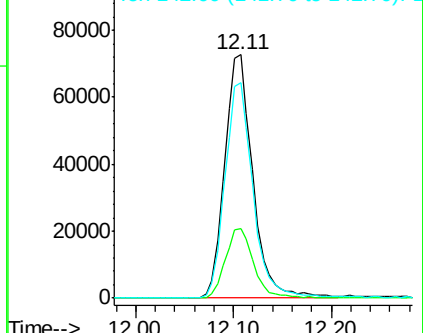
142 88.6 59.1 88.7

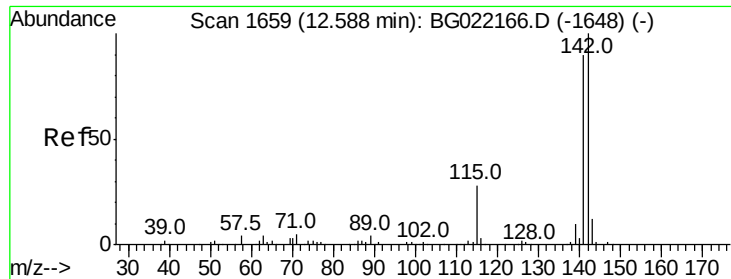


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

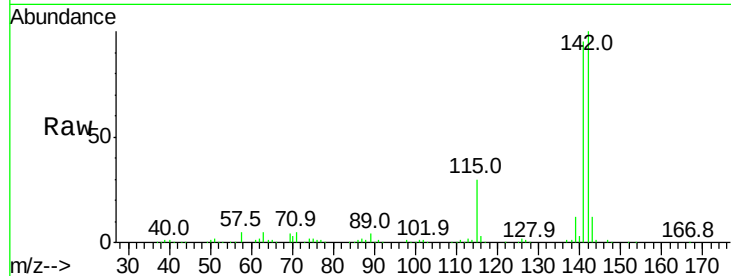




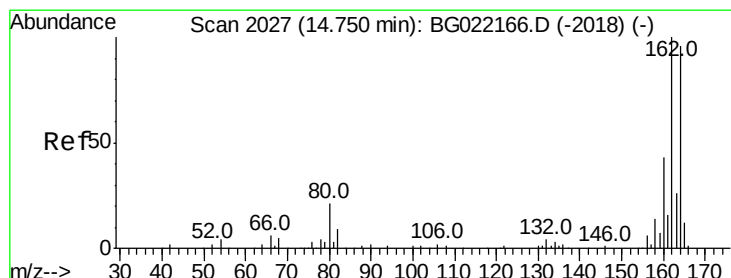
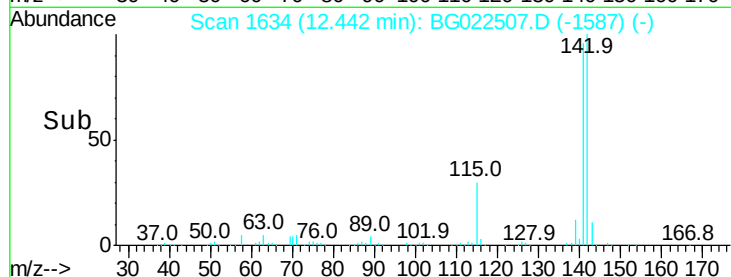
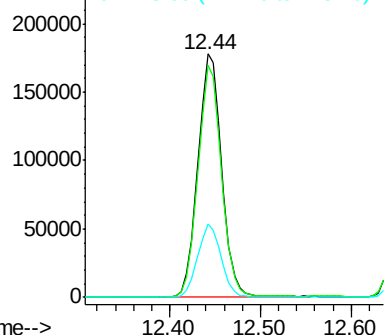
#37
 2-Methylnaphthalene
 Concen: 43.49 ng
 RT: 12.44 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 326003
 Ion Ratio Lower Upper
 142 100
 141 95.3 71.4 107.0
 115 30.2 27.4 41.2

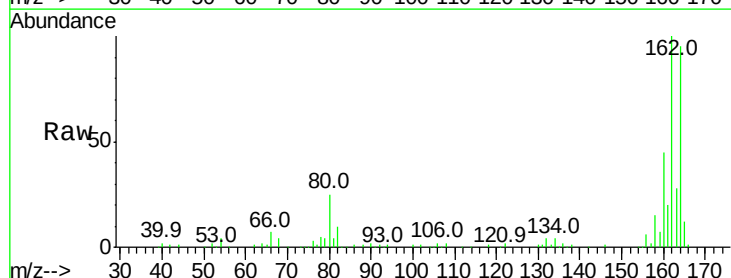


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

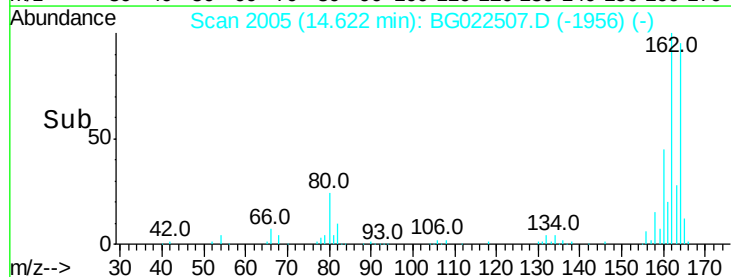
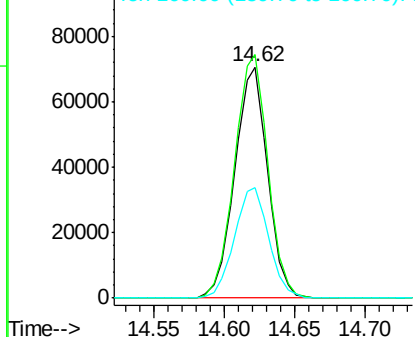


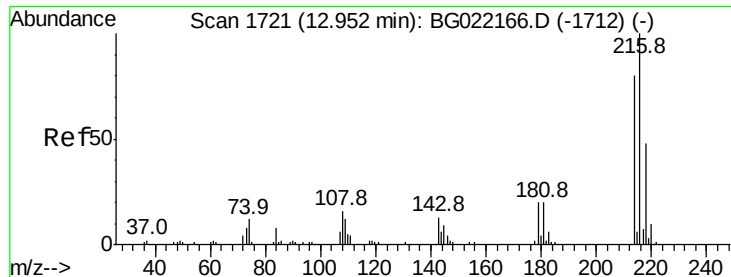
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion:164 Resp: 114442
 Ion Ratio Lower Upper
 164 100
 162 105.4 78.0 117.0
 160 47.8 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.29 ng

RT: 12.81 min Scan# 1697

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 127543

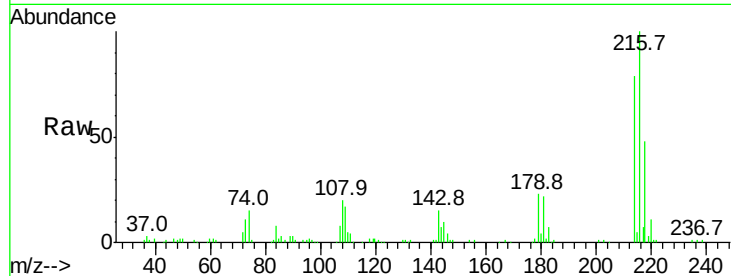
Ion Ratio Lower Upper

216 100

214 80.0 62.2 93.2

179 22.0 16.7 25.1

108 21.1 14.0 21.0#

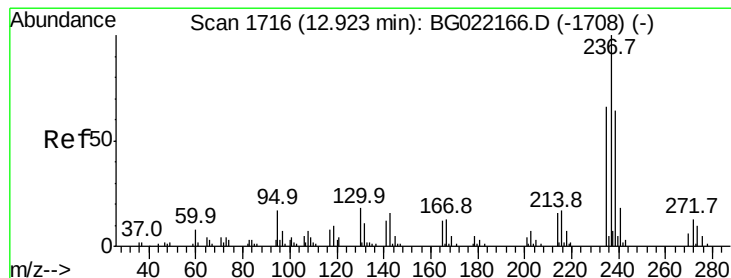
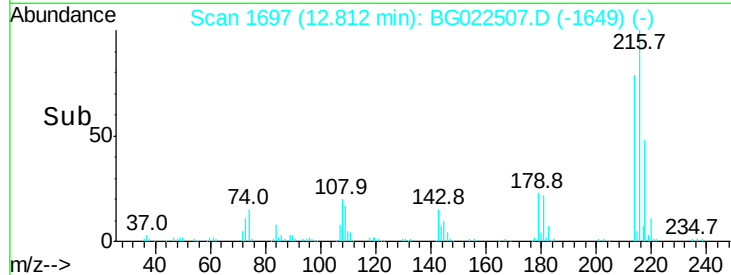
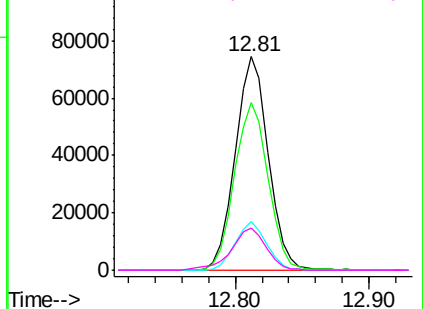


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.32 ng

RT: 12.78 min Scan# 1692

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

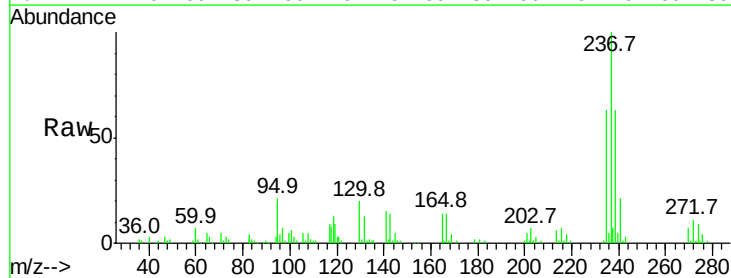
Tgt Ion:237 Resp: 62890

Ion Ratio Lower Upper

237 100

235 63.4 43.2 83.2

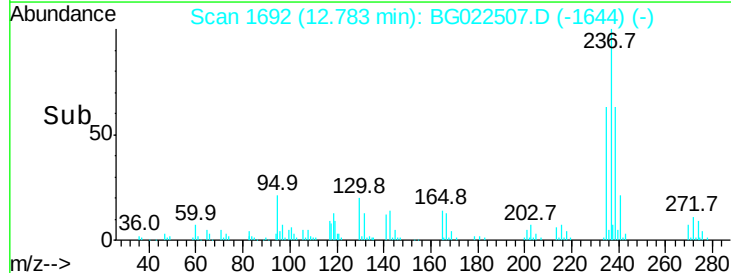
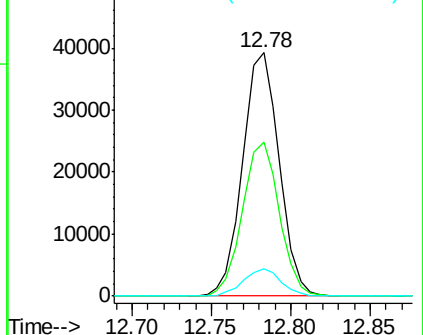
272 11.3 0.0 33.4

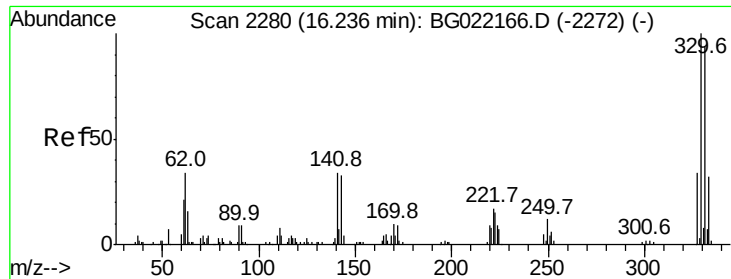


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

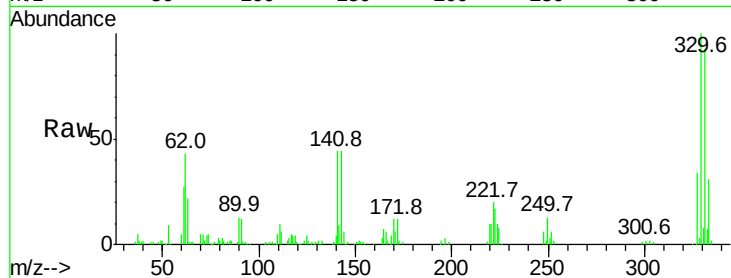




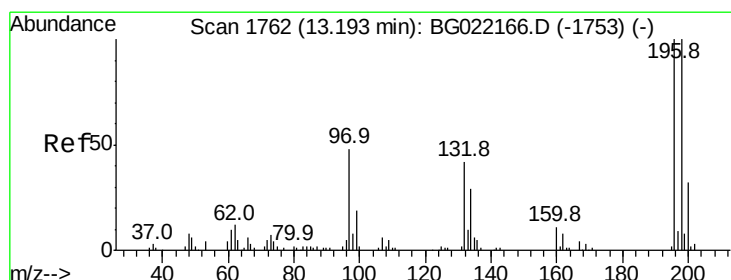
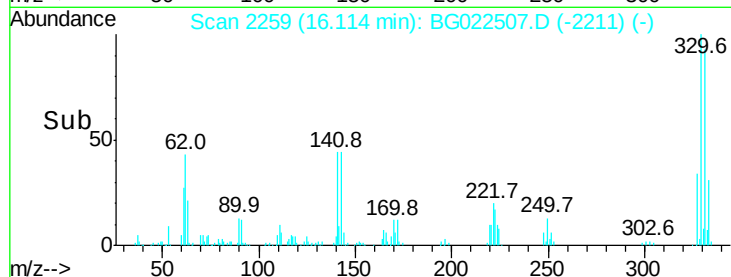
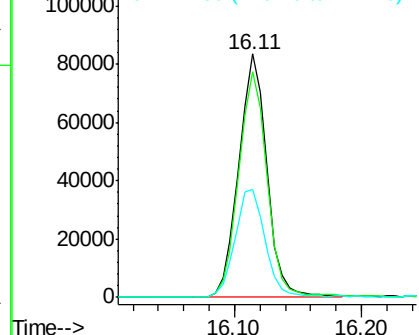
#41
 2,4,6-Tribromophenol
 Concen: 99.12 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.0	117.0
141	47.6	33.8	50.8

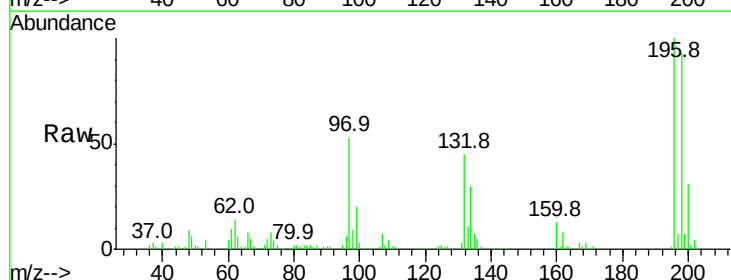


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

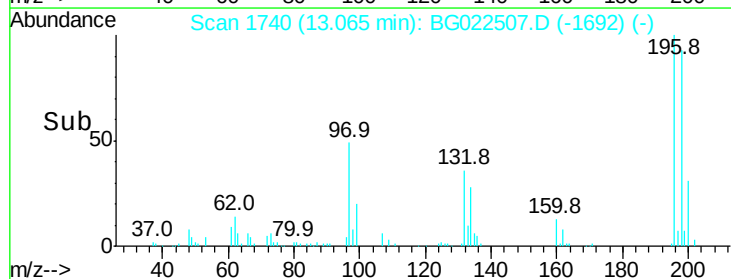
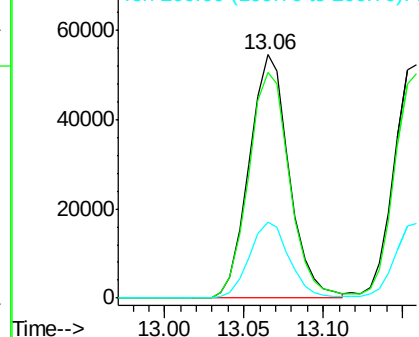


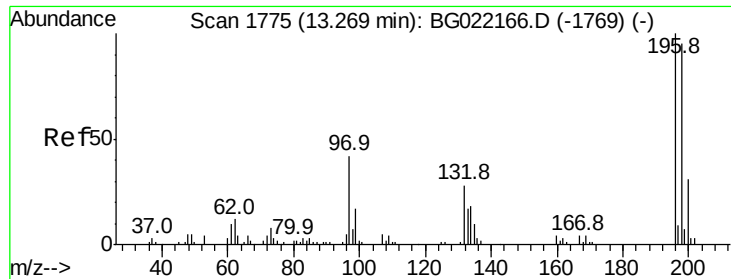
#42
 2,4,6-Trichlorophenol
 Concen: 48.32 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	80.1	120.1
200	31.0	24.1	36.1



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

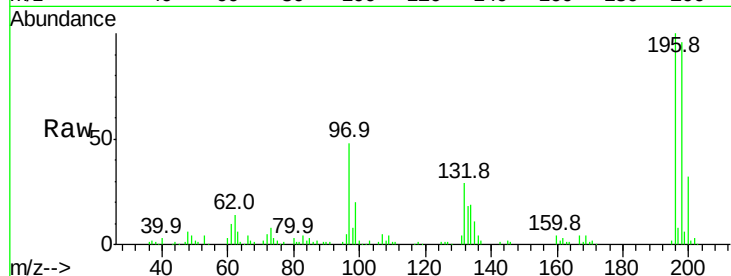




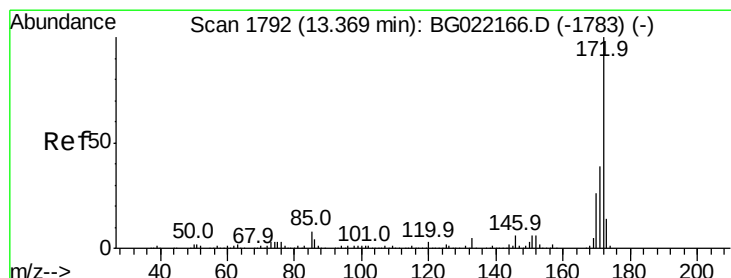
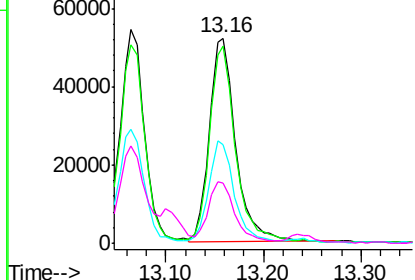
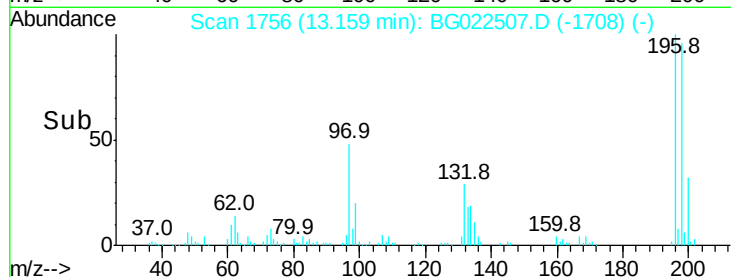
#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 13.16 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	97290
Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.0	117.0
97	48.0	43.0	64.6
132	29.1	23.0	34.4

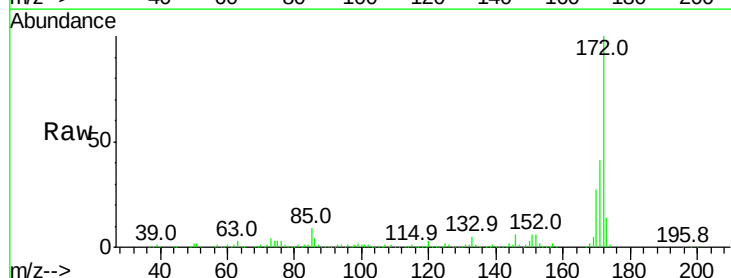


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

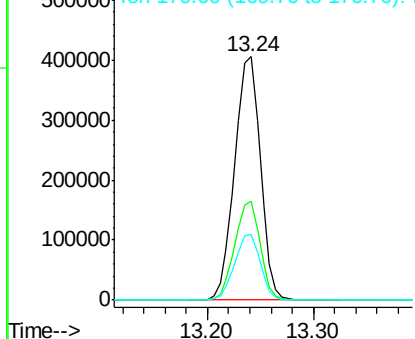
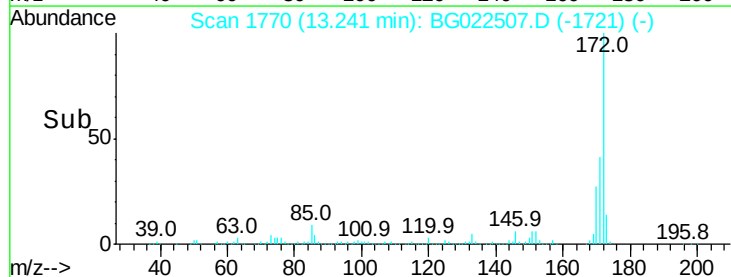


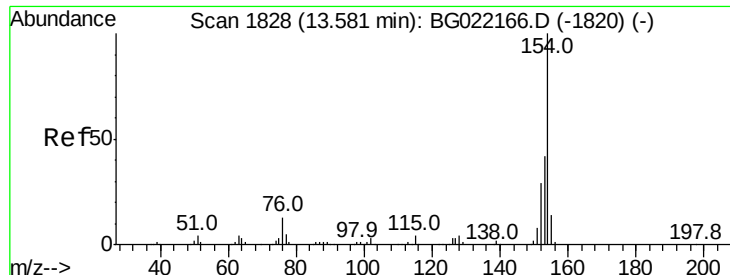
#44
 2-Fluorobiphenyl
 Concen: 91.05 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion:	172	Resp:	683716
Ion	Ratio	Lower	Upper
172	100		
171	40.8	27.8	41.6
170	27.2	19.6	29.4



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

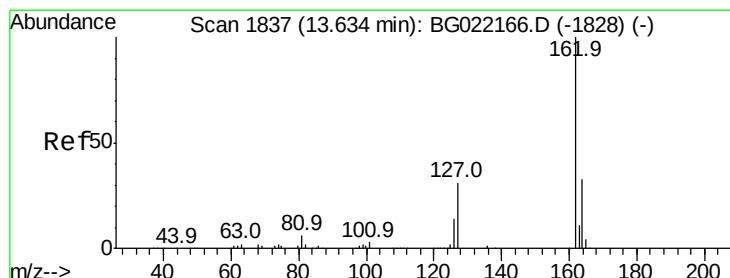
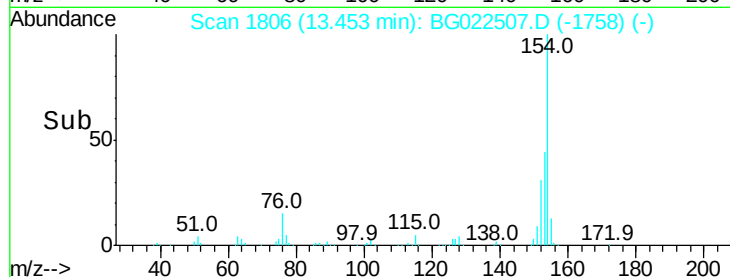
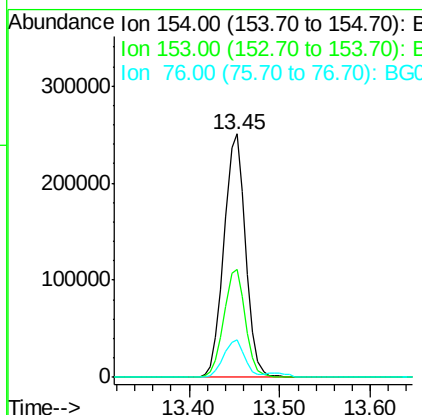
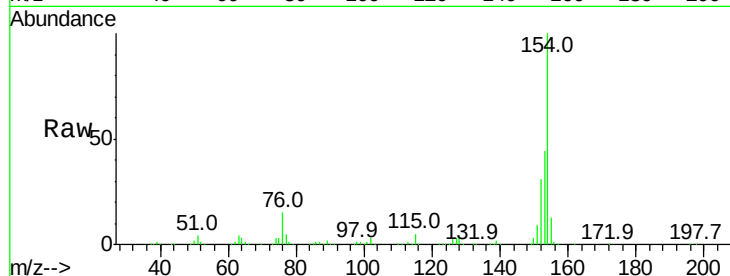




#45
 1,1'-Biphenyl
 Concen: 48.10 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

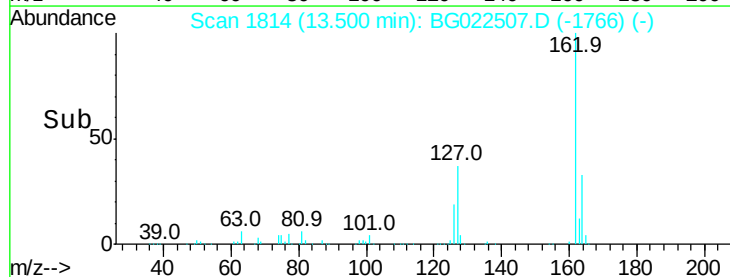
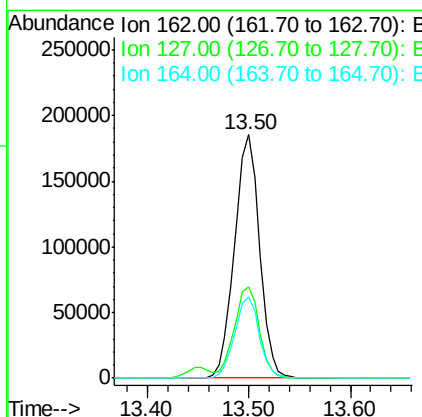
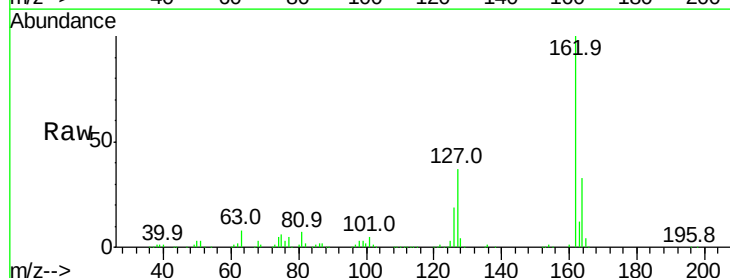
Instrument :
 BNA_G
 ClientSampleId :

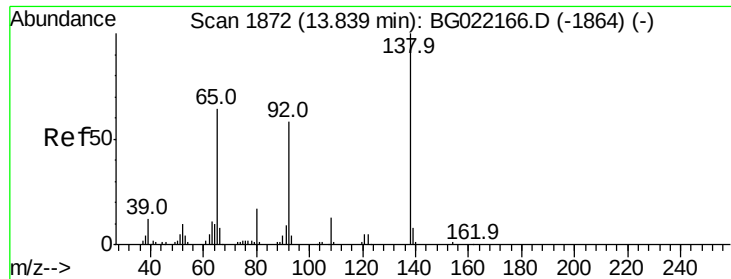
Tot Ion:154 Resp: 414271
 Ion Ratio Lower Upper
 154 100
 153 44.2 19.7 59.7
 76 15.4 0.0 33.0



#46
 2-Chloronaphthalene
 Concen: 48.23 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion:162 Resp: 318435
 Ion Ratio Lower Upper
 162 100
 127 37.3 32.0 48.0
 164 33.3 27.0 40.4

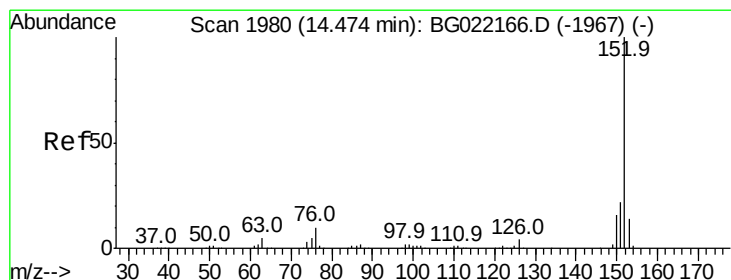
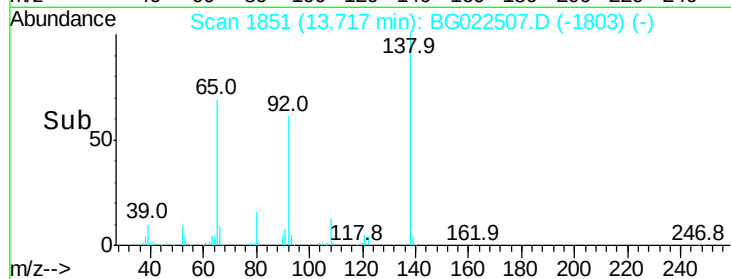
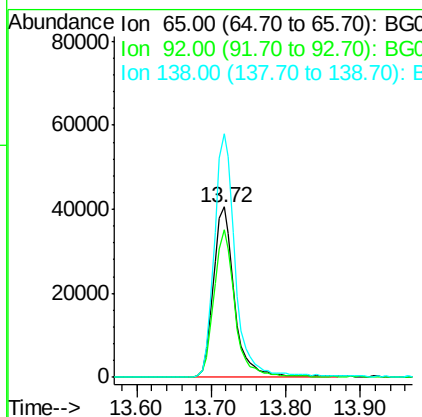
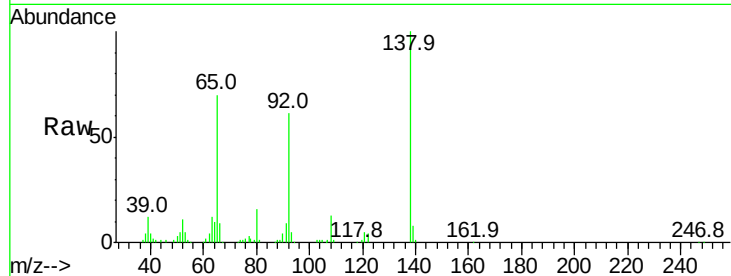




#47
2-Nitroaniline
Concen: 50.82 ng
RT: 13.72 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

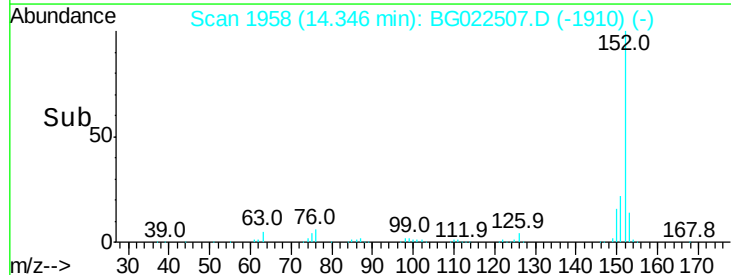
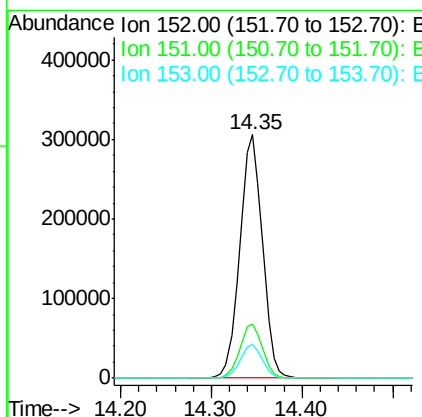
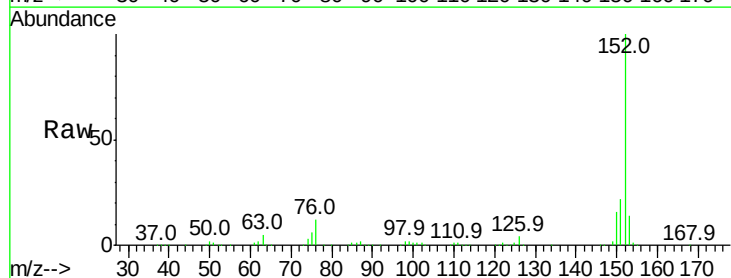
Instrument :
BNA_G
ClientSampleId :

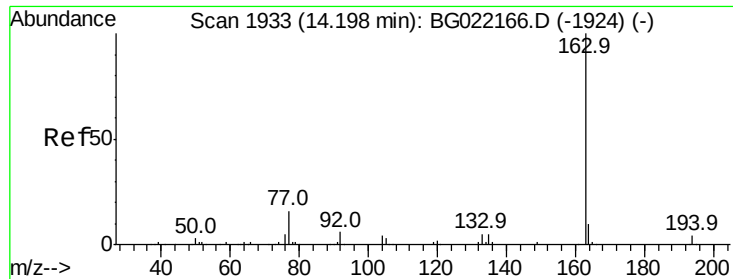
Tot Ion: 65 Resp: 79998
Ion Ratio Lower Upper
65 100
92 86.7 49.2 73.8#
138 142.7 75.0 112.6#



#48
Acenaphthylene
Concen: 45.79 ng
RT: 14.35 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion: 152 Resp: 530378
Ion Ratio Lower Upper
152 100
151 22.3 16.6 24.8
153 13.7 10.2 15.2





#49

Dimethylphthalate

Concen: 41.99 ng

RT: 14.08 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

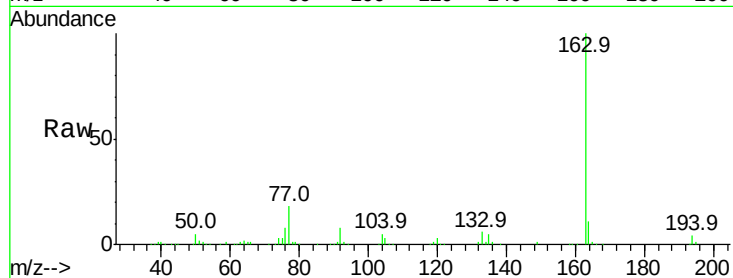
Tot Ion:163 Resp: 398481

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

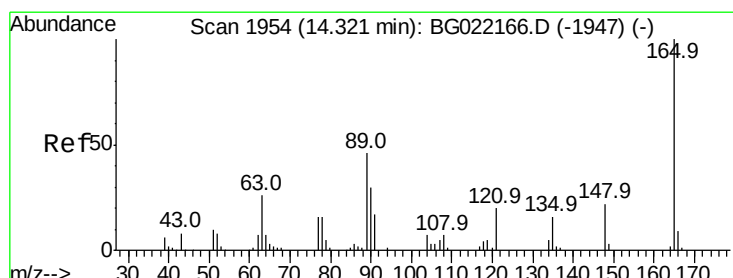
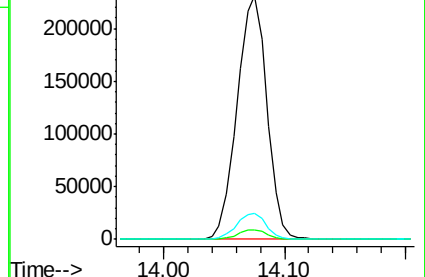
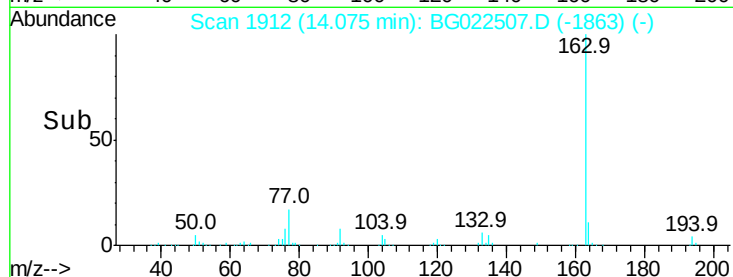
164 10.6 8.1 12.1



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: 43.73 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

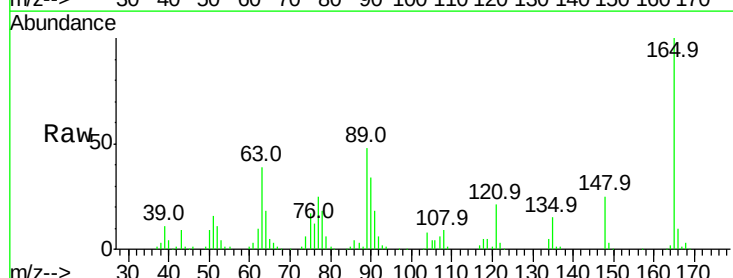
Tgt Ion:165 Resp: 90210

Ion Ratio Lower Upper

165 100

63 39.4 48.2 72.4#

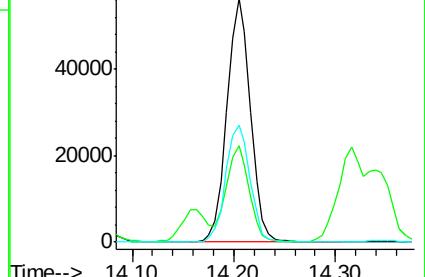
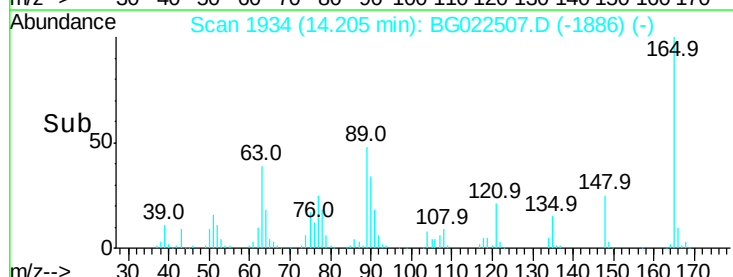
89 48.1 45.3 67.9

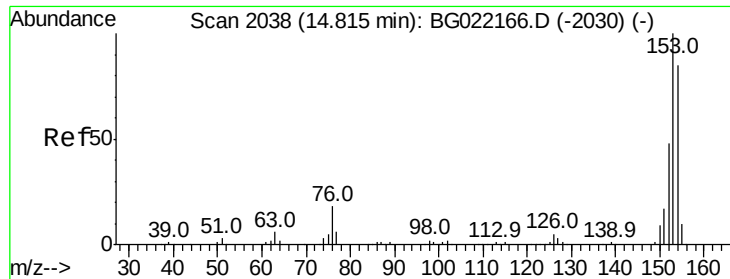


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.34 ng

RT: 14.68 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

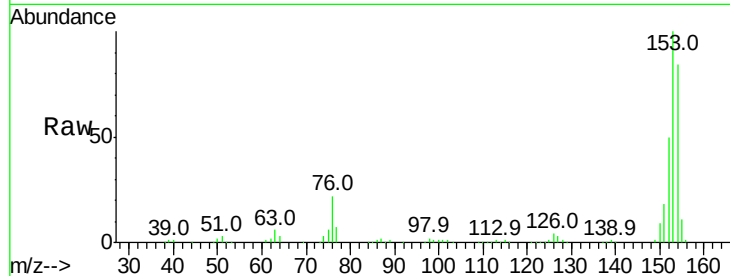
Tot Ion:154 Resp: 314640

Ion Ratio Lower Upper

154 100

153 119.6 91.9 137.9

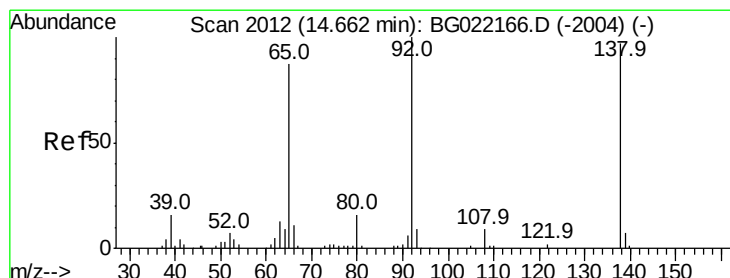
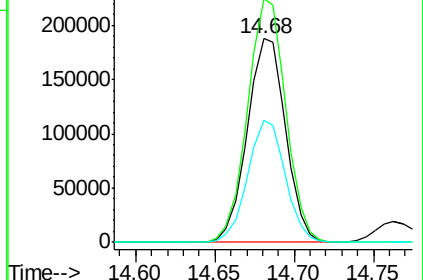
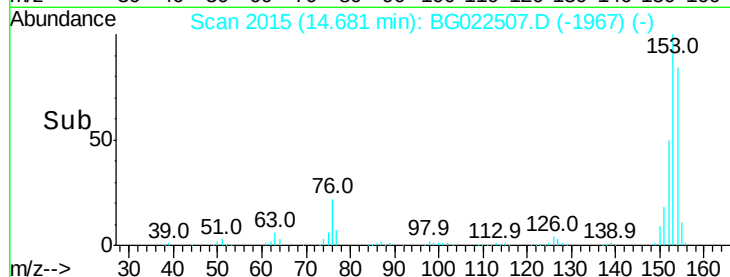
152 59.7 42.0 63.0



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: 13.57 ng

RT: 14.55 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

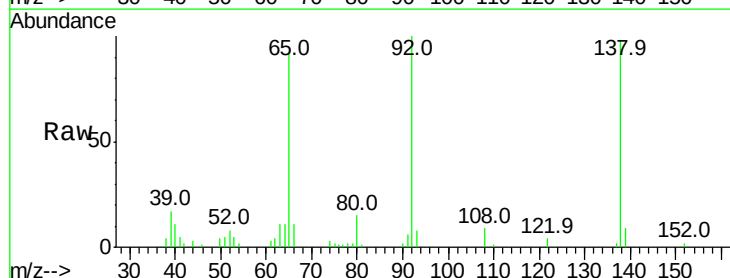
Tgt Ion:138 Resp: 31040

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

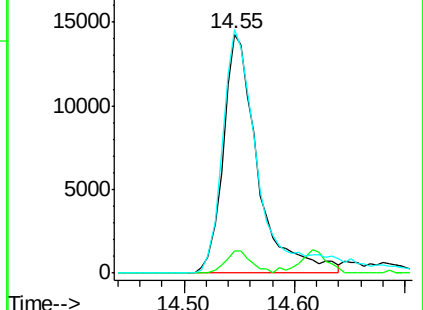
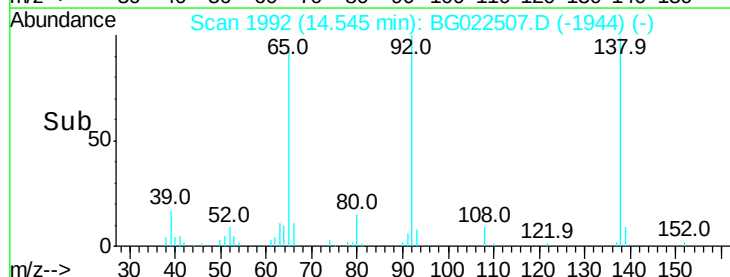
92 102.0 102.6 154.0#

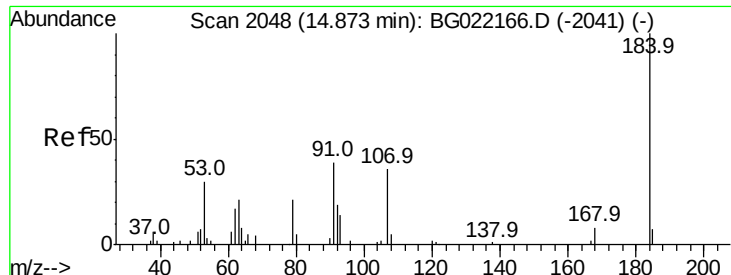


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

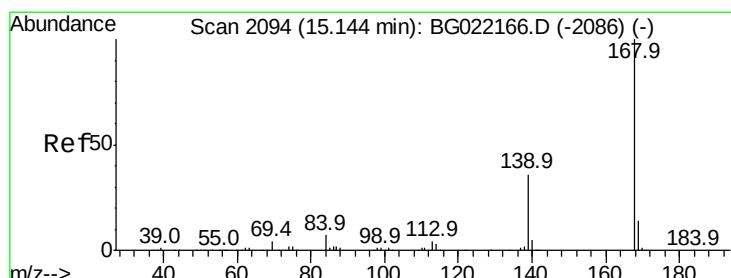
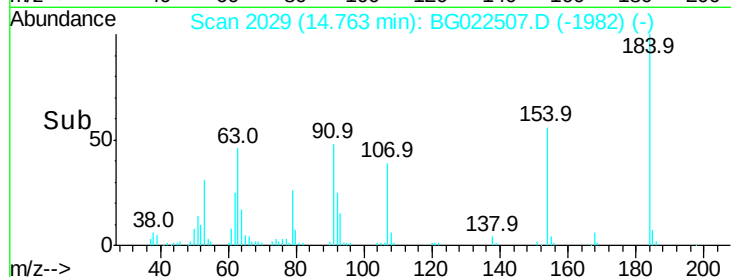
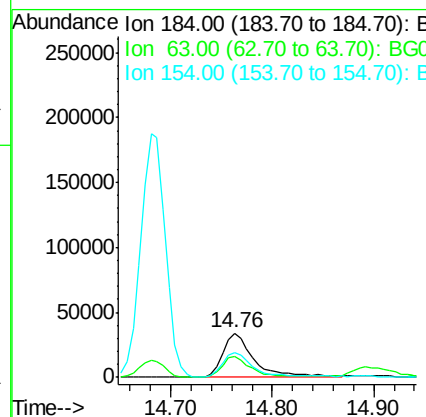
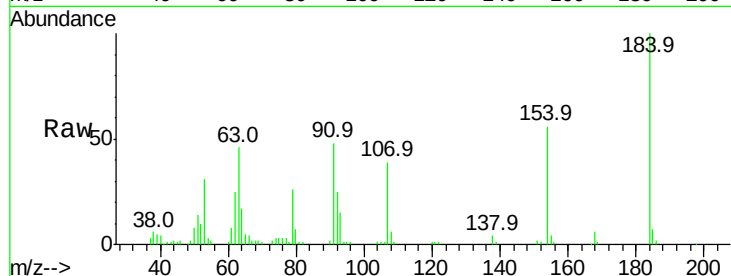




#53
 2,4-Dinitrophenol
 Concen: 85.69 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

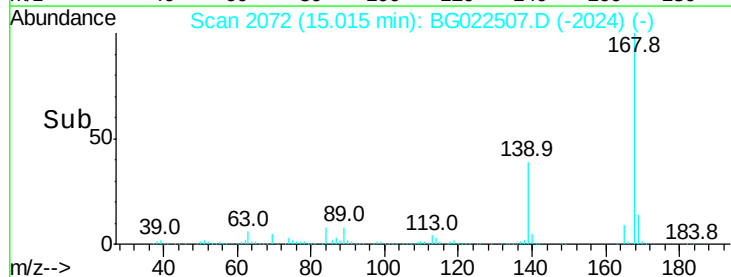
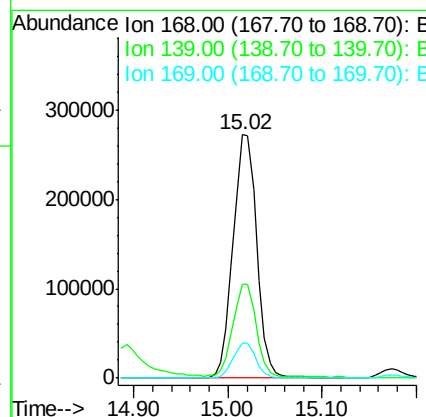
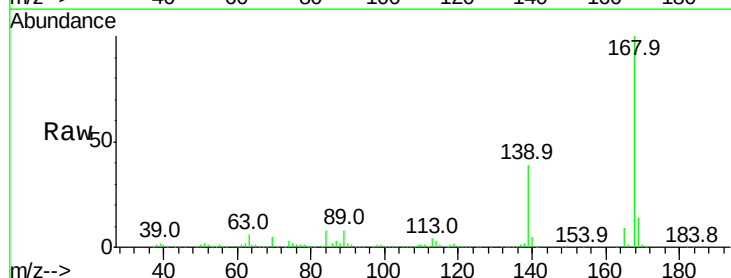
Instrument :
 BNA_G
 ClientSampled :

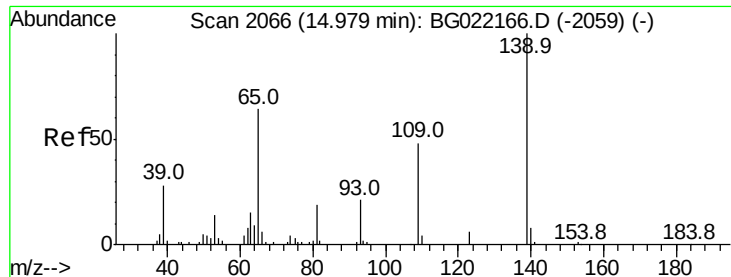
Tot Ion:184 Resp: 72937
 Ion Ratio Lower Upper
 184 100
 63 46.2 57.3 85.9#
 154 56.2 55.2 82.8



#54
 Dibenzofuran
 Concen: 44.15 ng
 RT: 15.02 min Scan# 2072
 Delta R.T. -0.02 min
 Lab File: BG022507.D
 Acq: 23 Jun 2016 6:29

Tgt Ion:168 Resp: 478145
 Ion Ratio Lower Upper
 168 100
 139 38.6 31.1 46.7
 169 14.2 11.0 16.6

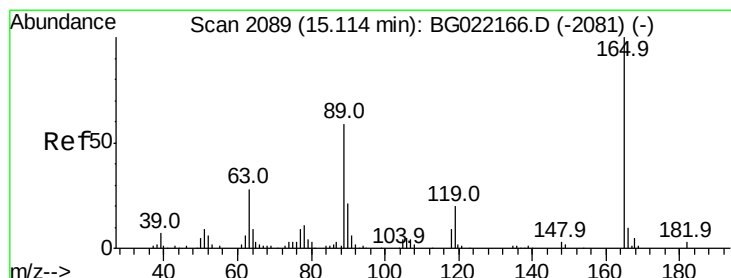
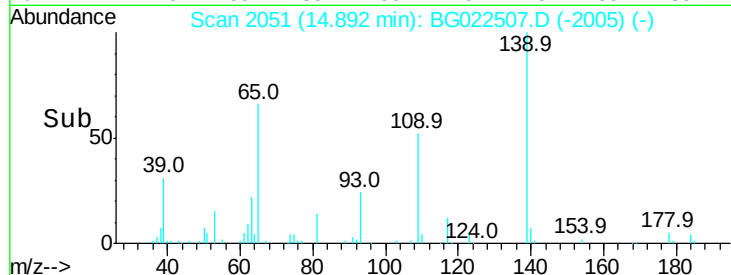
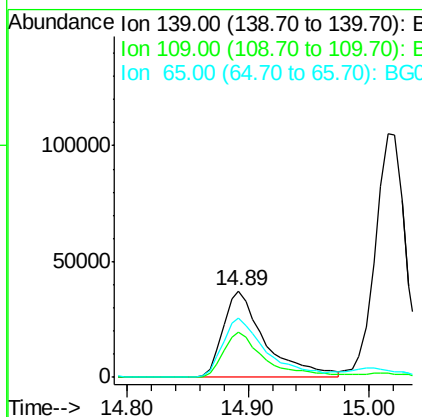
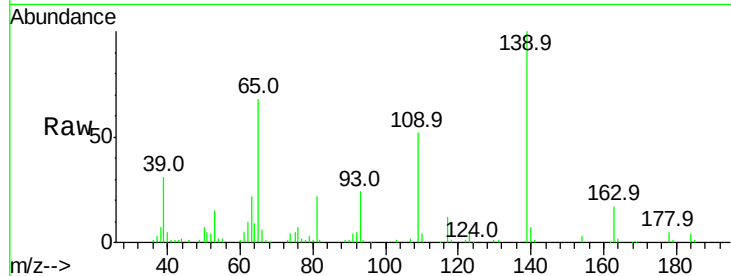




#55
4-Nitrophenol
Concen: 56.62 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

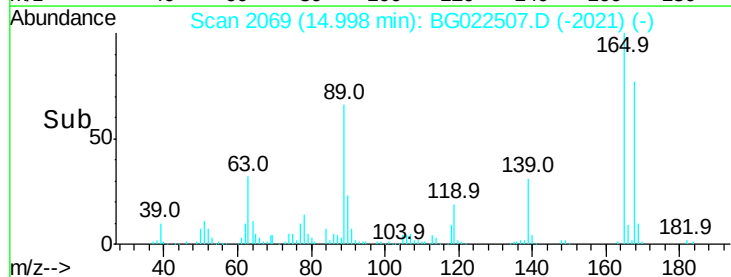
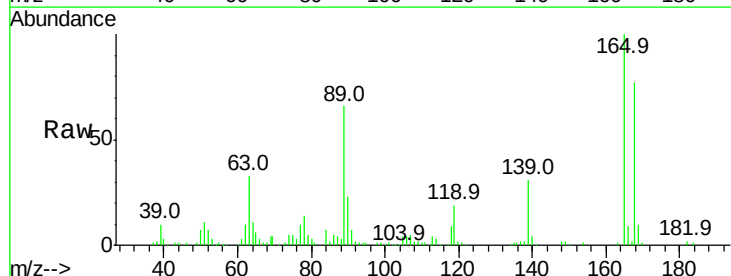
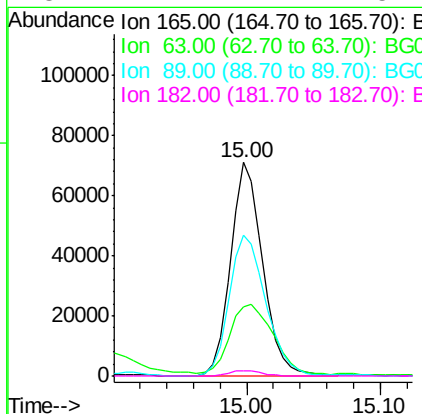
Instrument :
BNA_G
ClientSampleId :

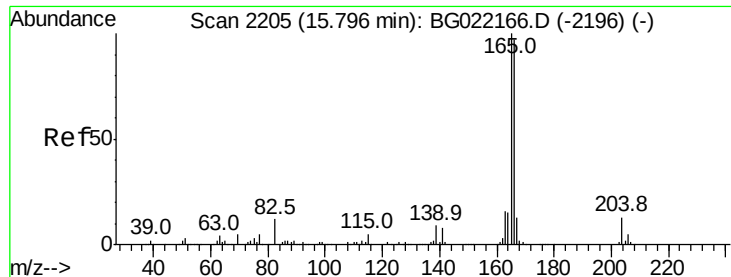
Tot Ion	Ratio	Lower	Upper
139	100		
109	51.5	49.2	89.2
65	68.3	83.2	123.2#



#56
2,4-Dinitrotoluene
Concen: 43.03 ng
RT: 15.00 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.5	37.4	56.0#
89	65.8	59.4	89.0
182	2.2	2.1	3.1





#57

Fluorene

Concen: 42.65 ng

RT: 15.67 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

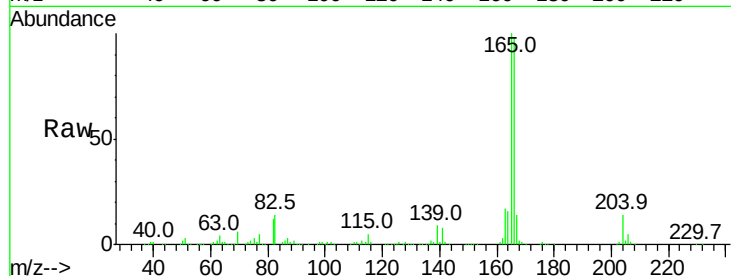
Tot Ion:166 Resp: 397925

Ion Ratio Lower Upper

166 100

165 101.6 79.0 118.4

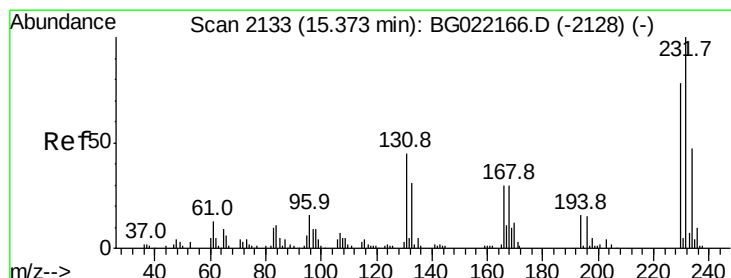
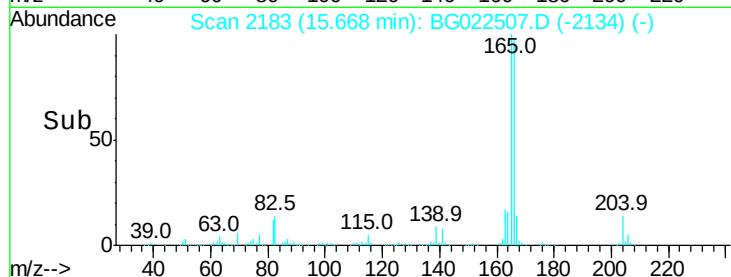
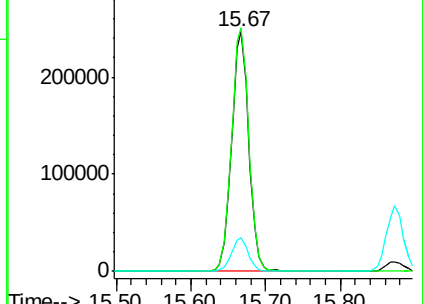
167 14.0 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.11 ng

RT: 15.17 min Scan# 2099

Delta R.T. -0.10 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:232 Resp: 64846

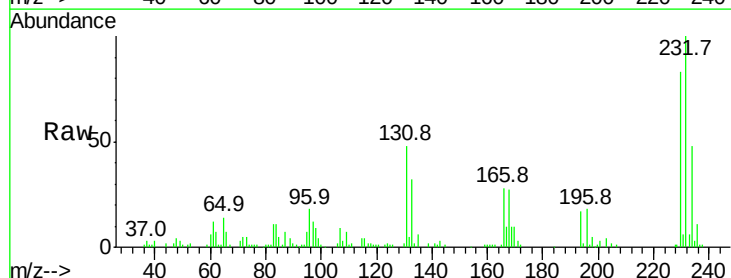
Ion Ratio Lower Upper

232 100

131 48.7 36.3 54.5

130 2.8 1.9 2.9

166 28.5 25.0 37.4

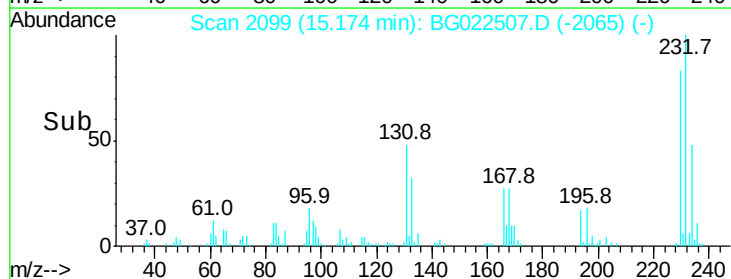
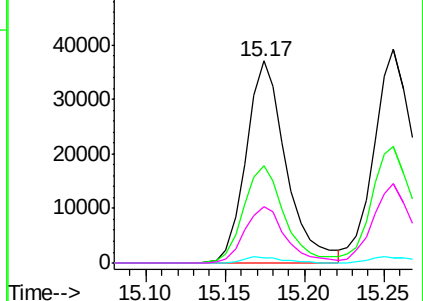


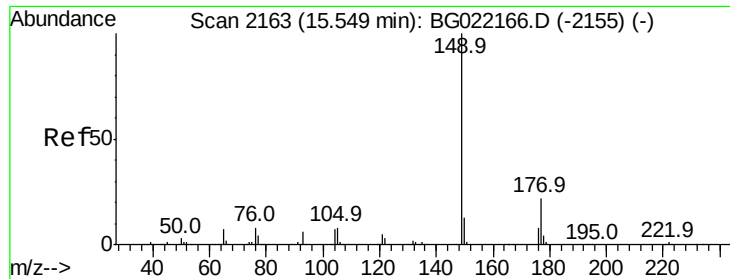
Abundance Ion 232.00 (231.70 to 232.70): E

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

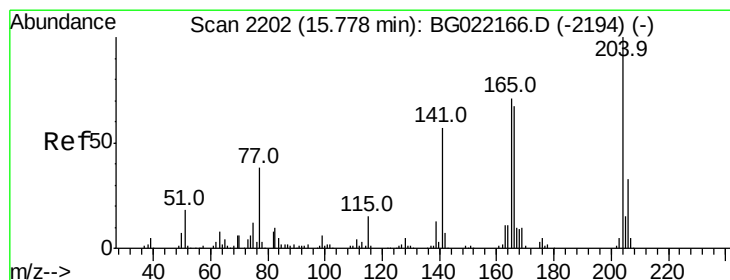
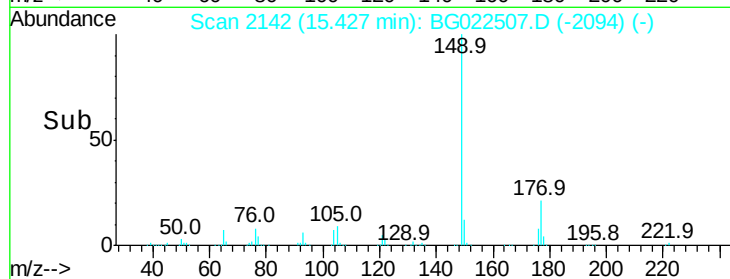
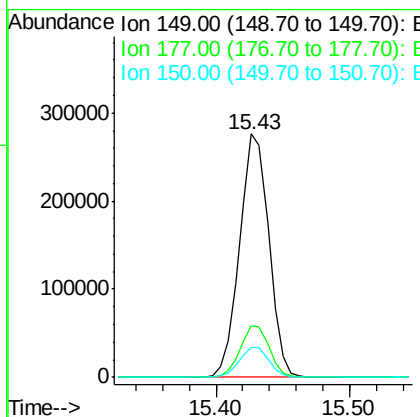
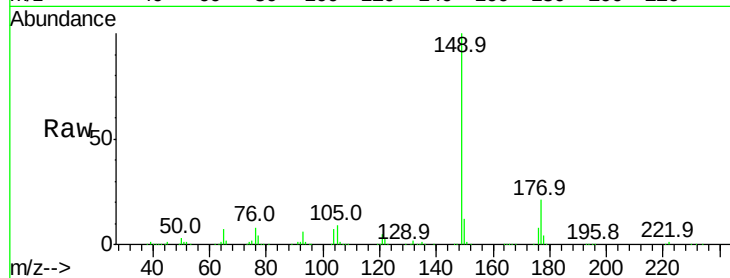




#59
Diethylphthalate
Concen: 41.23 ng
RT: 15.43 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

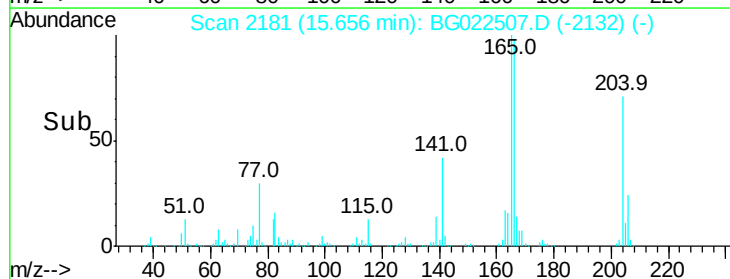
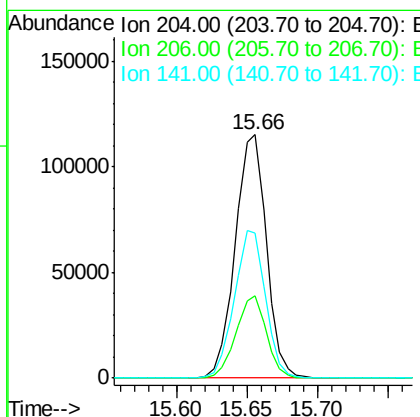
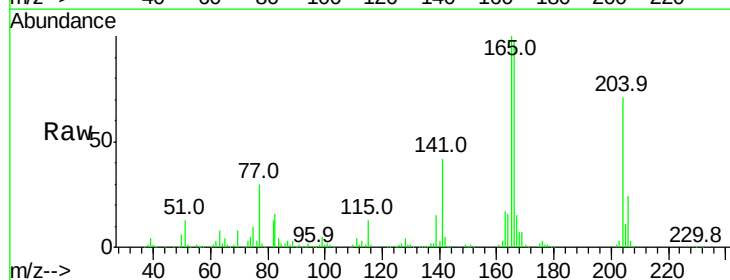
Instrument :
BNA_G
ClientSampleId :

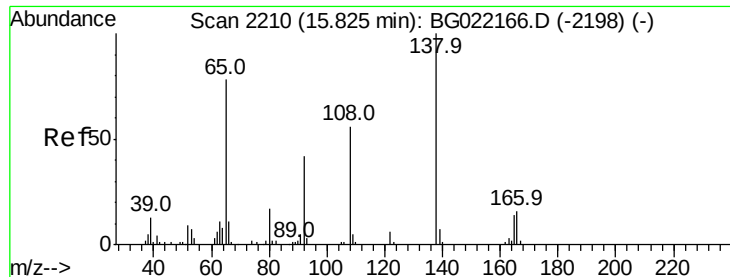
Tot Ion:149 Resp: 417873
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.4 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 41.93 ng
RT: 15.66 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:204 Resp: 177154
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.8
141 59.5 51.0 76.4

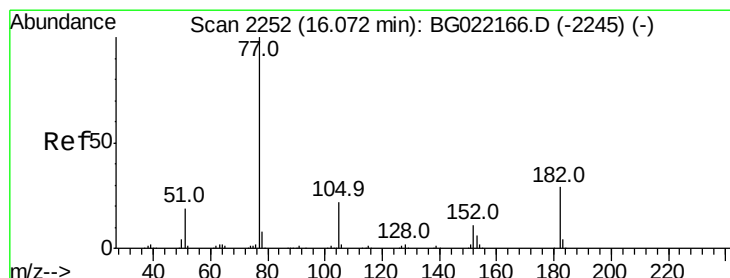
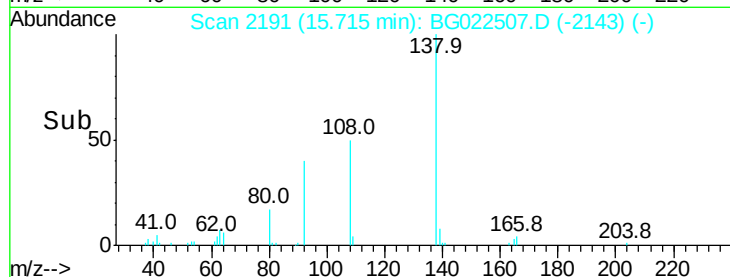
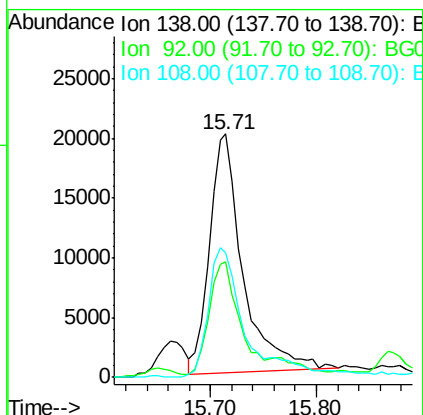
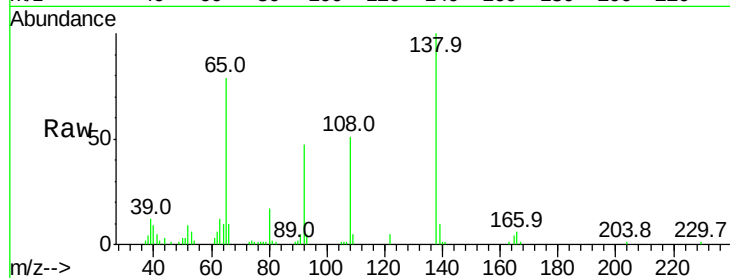




#61
4-Nitroaniline
Concen: 18.31 ng
RT: 15.71 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

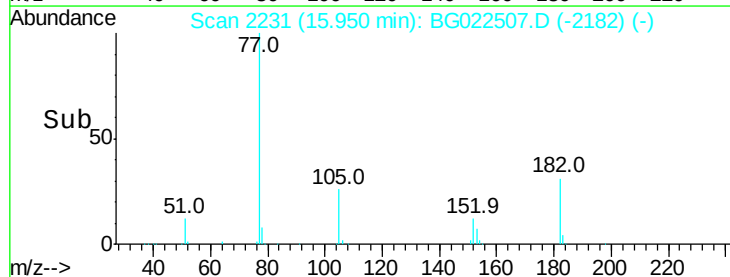
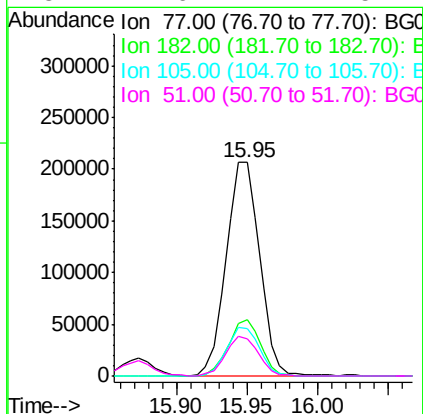
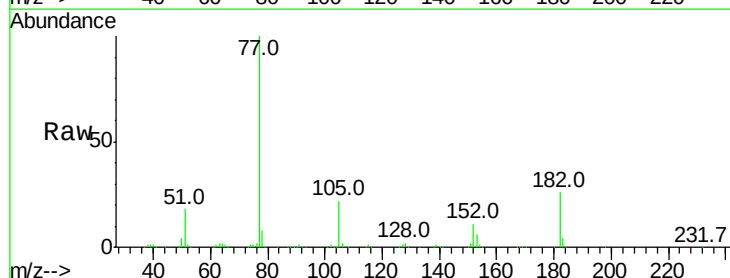
Instrument :
BNA_G
ClientSampleId :

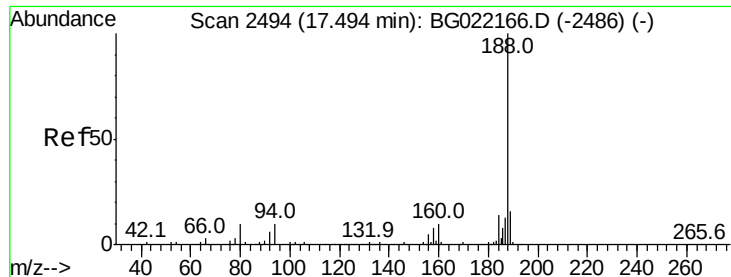
Tot Ion:138 Resp: 44439
Ion Ratio Lower Upper
138 100
92 47.5 37.7 77.7
108 50.9 59.4 99.4#



#62
Azobenzene
Concen: 44.12 ng
RT: 15.95 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion: 77 Resp: 338651
Ion Ratio Lower Upper
77 100
182 26.4 4.1 44.1
105 22.4 0.0 39.8
51 17.6 11.1 51.1

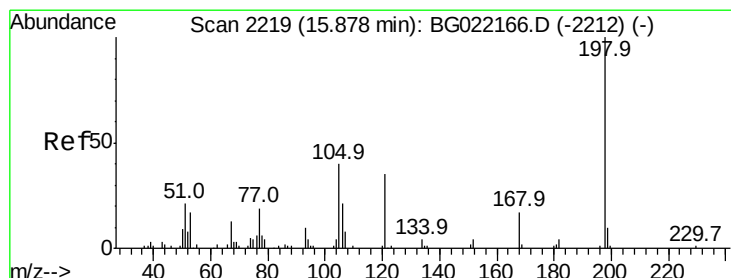
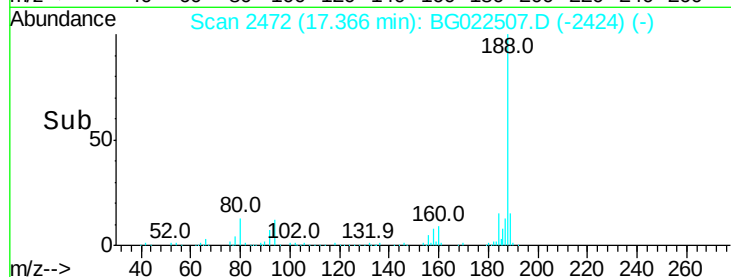
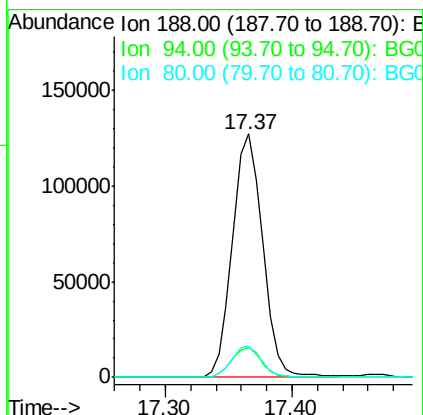
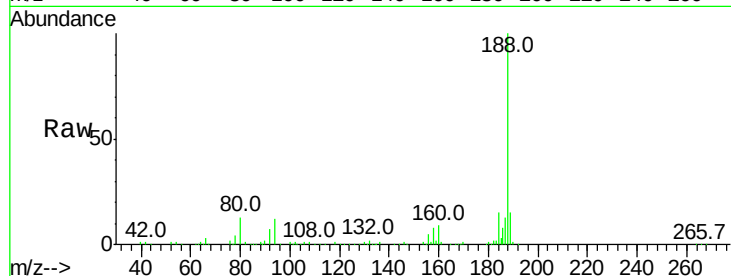




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

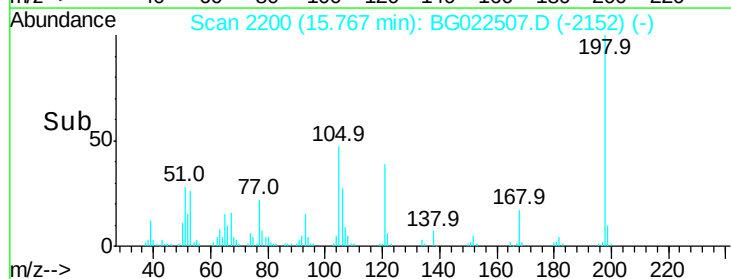
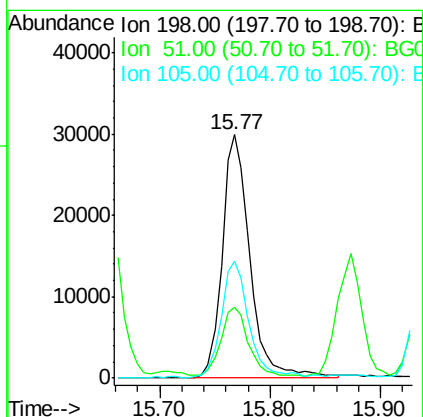
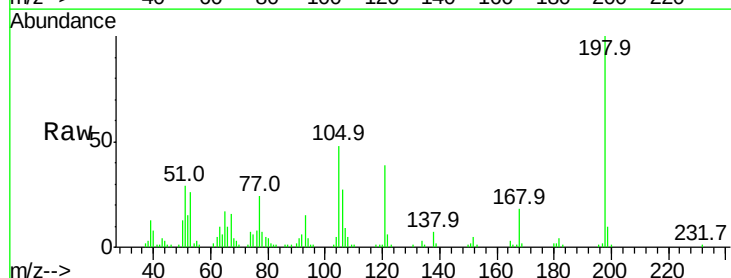
Instrument :
BNA_G
ClientSampleId :

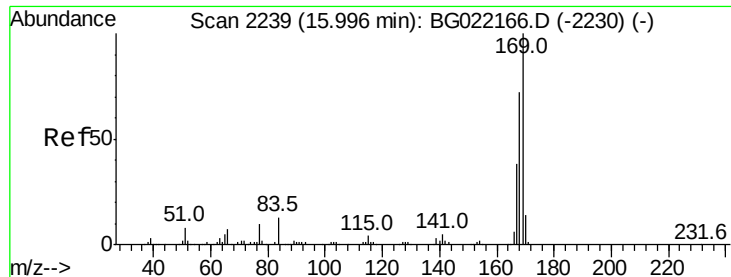
Tot Ion:188 Resp: 210423
Ion Ratio Lower Upper
188 100
94 12.3 7.5 11.3#
80 13.0 8.6 13.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.00 ng
RT: 15.77 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:198 Resp: 52411
Ion Ratio Lower Upper
198 100
51 29.1 29.2 69.2#
105 48.0 24.0 64.0

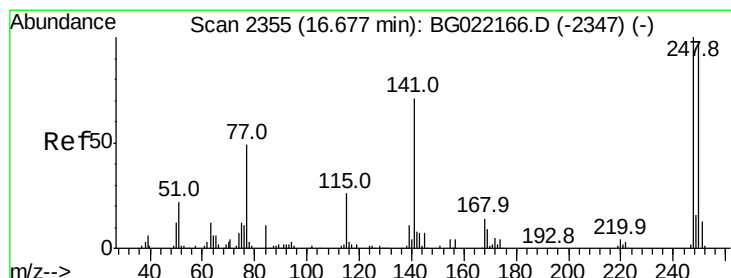
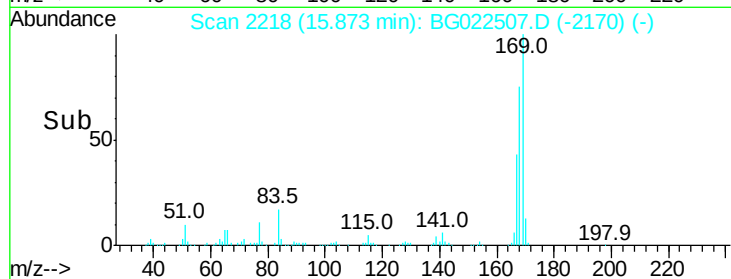
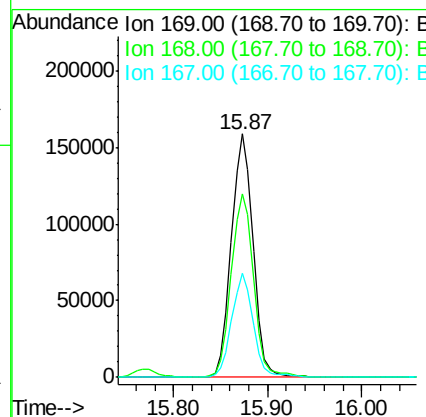
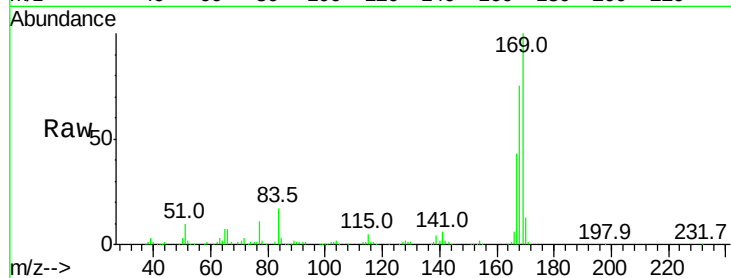




#65
n-Nitrosodiphenylamine
Concen: 42.07 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

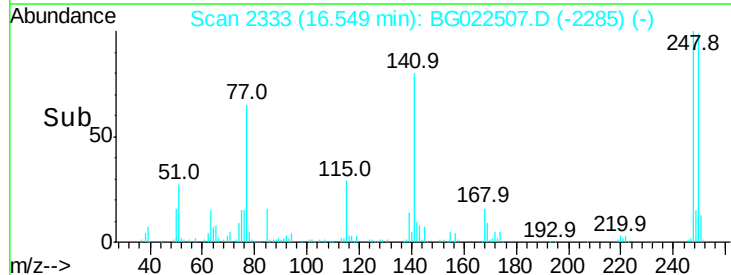
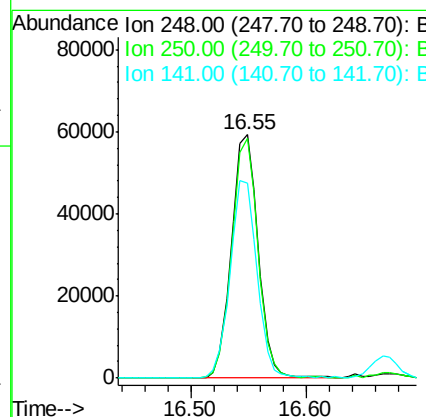
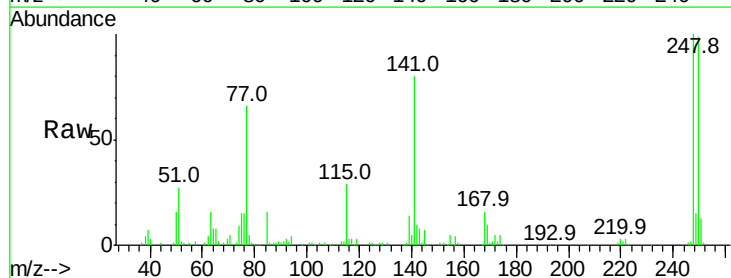
Instrument :
BNA_G
ClientSampleId :

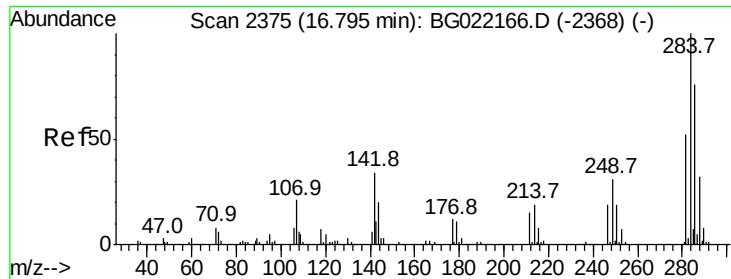
Tot Ion:169 Resp: 255026
Ion Ratio Lower Upper
169 100
168 75.4 59.6 89.4
167 42.8 31.2 46.8



#66
4-Bromophenyl-phenylether
Concen: 48.28 ng
RT: 16.55 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:248 Resp: 95183
Ion Ratio Lower Upper
248 100
250 98.5 76.6 114.8
141 80.1 63.8 95.6

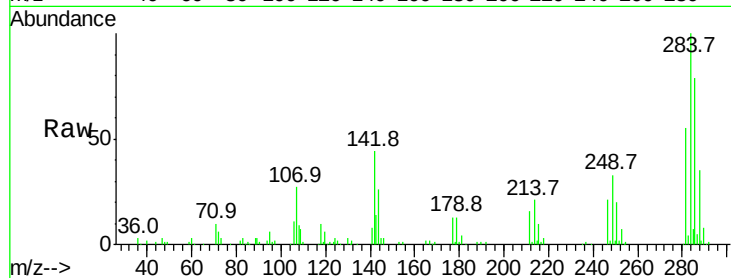




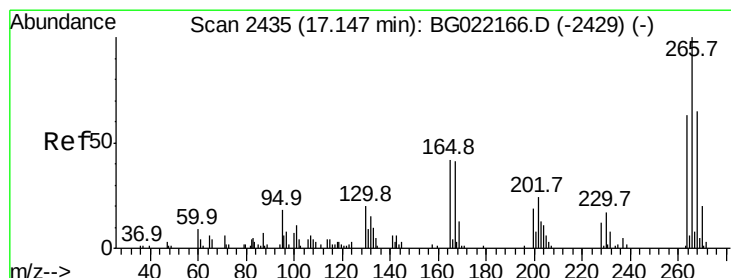
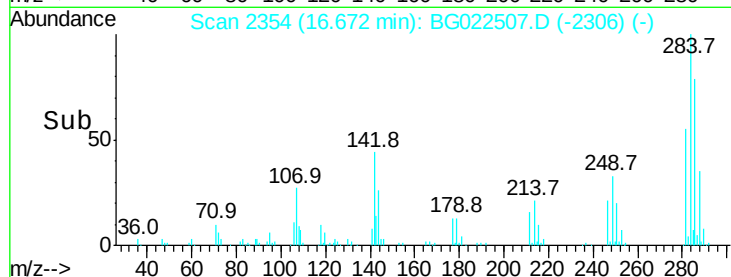
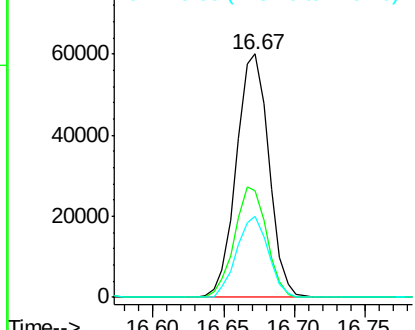
#67
Hexachlorobenzene
Concen: 42.00 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 96515
Ion Ratio Lower Upper
284 100
142 43.8 31.8 47.6
249 35.6 27.3 40.9

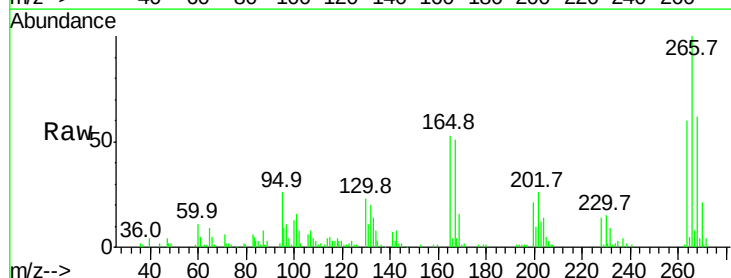


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

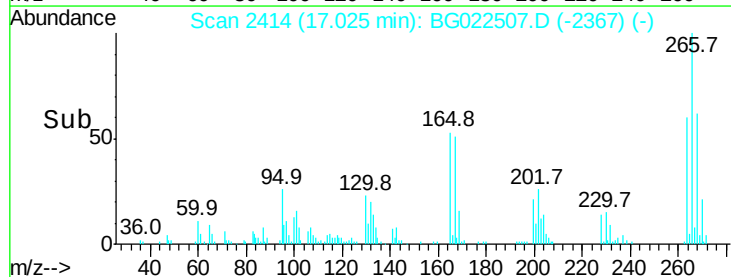
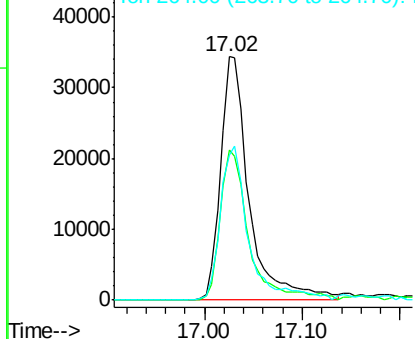


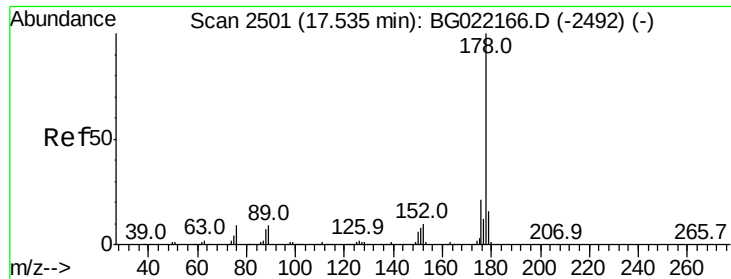
#69
Pentachlorophenol
Concen: 68.31 ng
RT: 17.02 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:266 Resp: 70043
Ion Ratio Lower Upper
266 100
268 65.6 54.5 81.7
264 64.8 53.8 80.6



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





#70

Phenanthrene

Concen: 46.15 ng

RT: 17.41 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

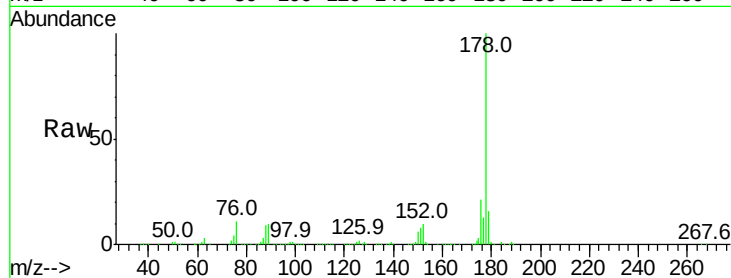
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 527486

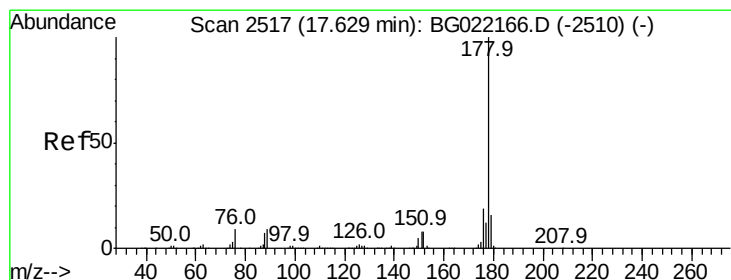
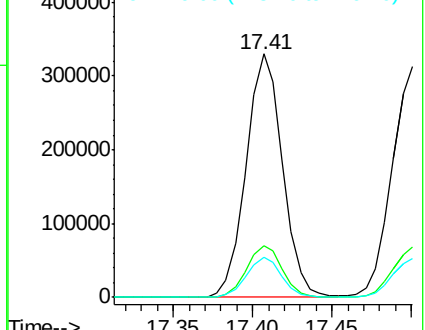
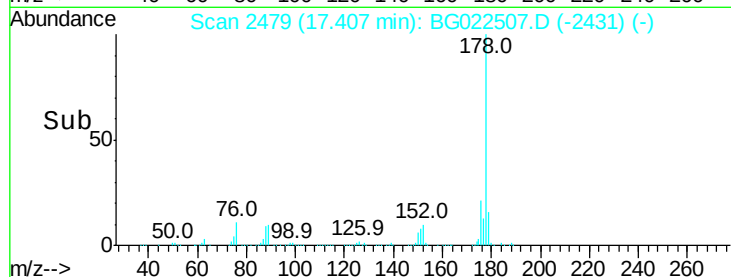
Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.4
179	16.2	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 46.10 ng

RT: 17.50 min Scan# 2495

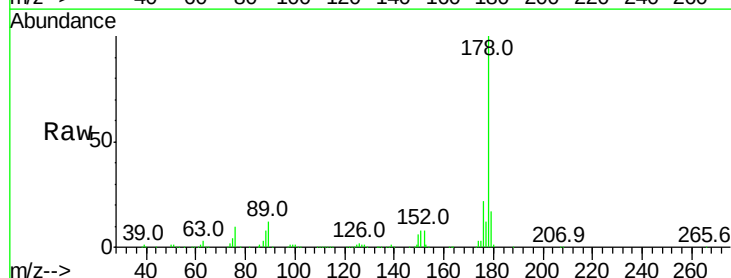
Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Tgt Ion:178 Resp: 522514

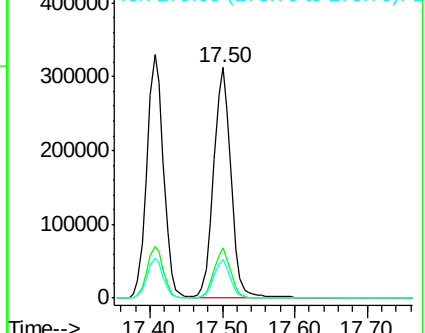
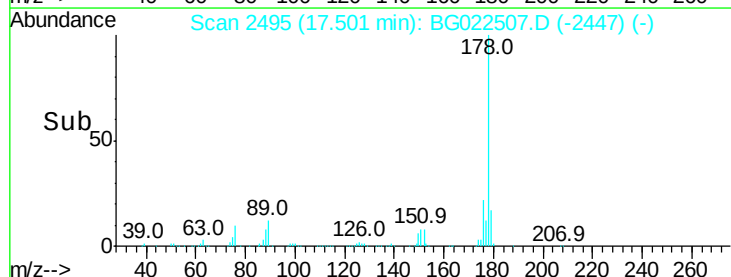
Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.0	22.4
179	16.6	12.2	18.4

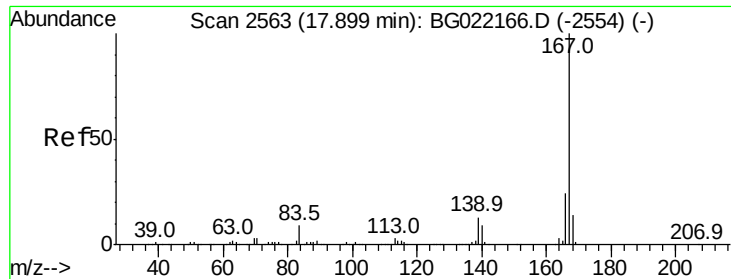


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 28.11 ng

RT: 17.78 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

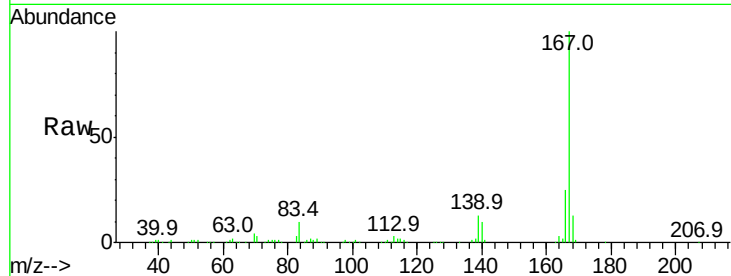
Tot Ion:167 Resp: 301756

Ion Ratio Lower Upper

167 100

166 25.2 18.6 27.8

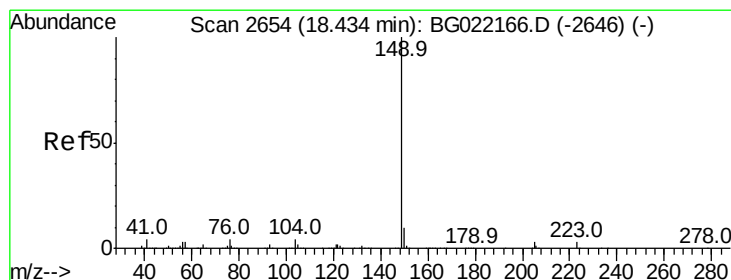
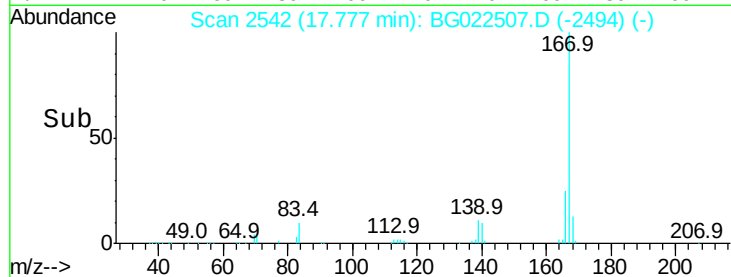
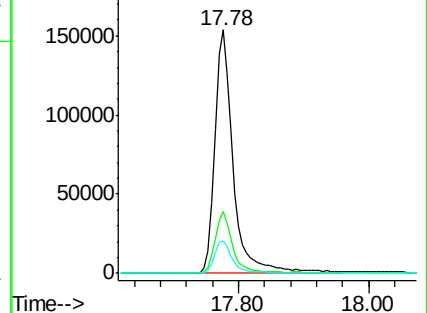
139 13.4 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.33 ng

RT: 18.31 min Scan# 2632

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

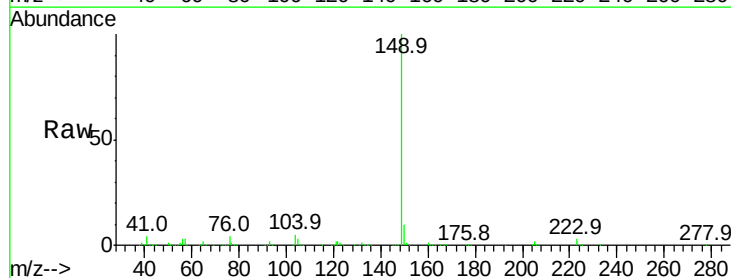
Tgt Ion:149 Resp: 636133

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.0

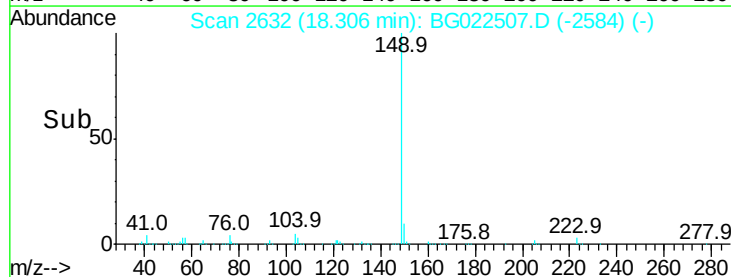
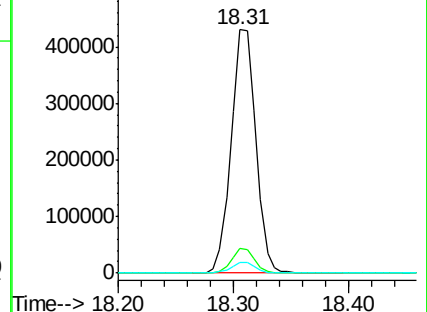
104 4.5 4.0 6.0

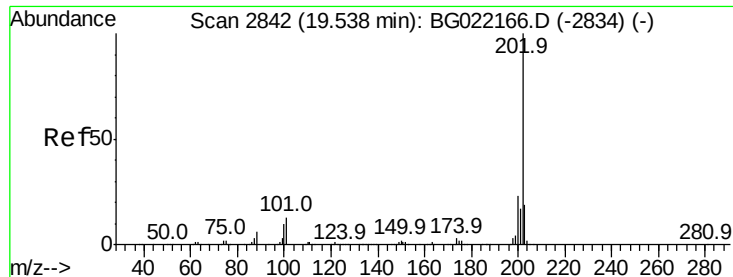


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.65 ng

RT: 19.42 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

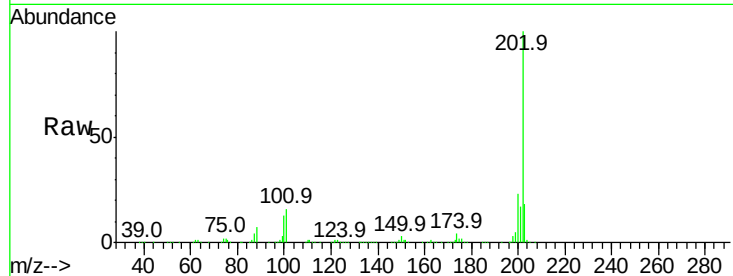
Tot Ion:202 Resp: 507783

Ion Ratio Lower Upper

202 100

101 15.7 0.0 31.0

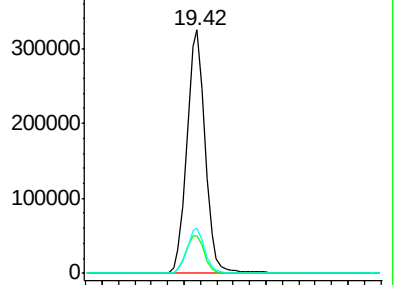
203 18.3 0.0 37.9



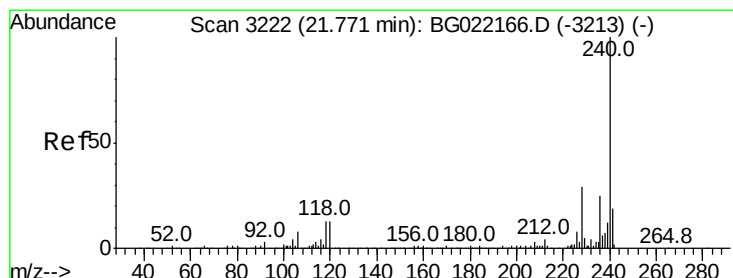
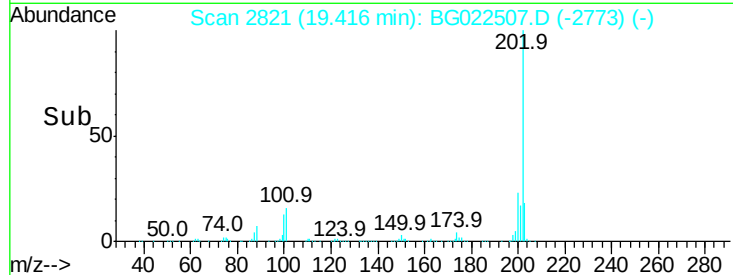
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50 19.60



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3196

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

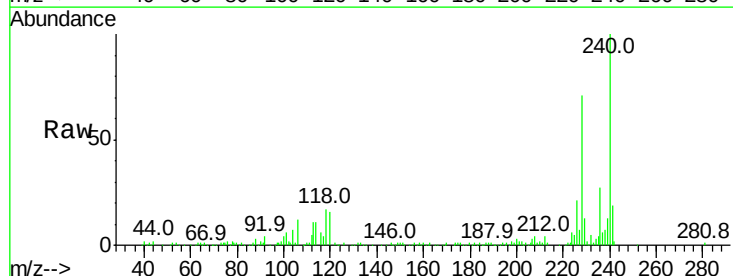
Tgt Ion:240 Resp: 143052

Ion Ratio Lower Upper

240 100

120 15.8 8.4 12.6#

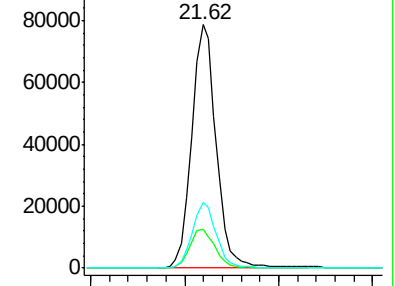
236 27.1 19.6 29.4



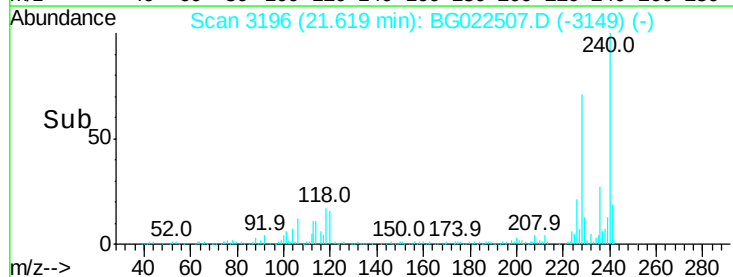
Abundance Ion 240.00 (239.70 to 240.70): E

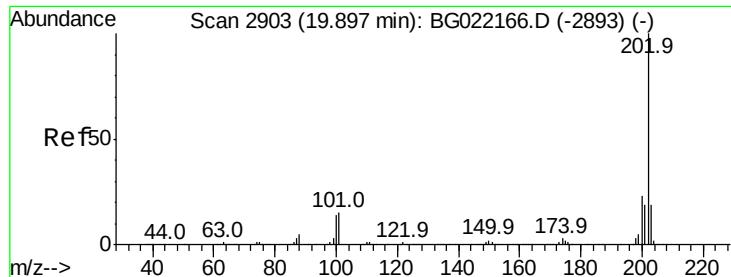
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70





#77

Pvrene

Concen: 55.84 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

Instrument :

BNA_G

ClientSampleId :

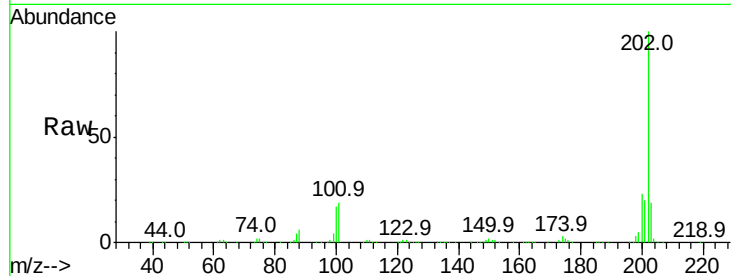
Tot Ion:202 Resp: 496575

Ion Ratio Lower Upper

202 100

200 23.5 18.2 27.2

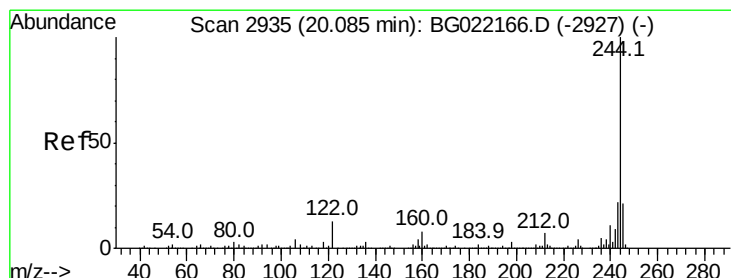
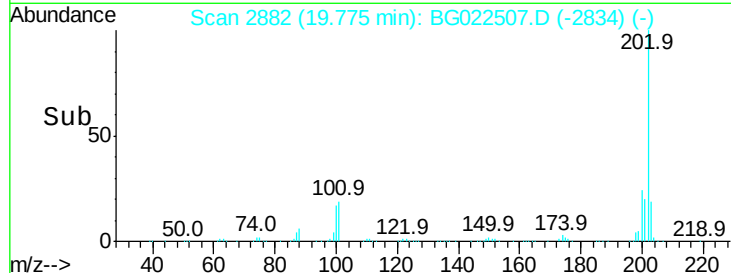
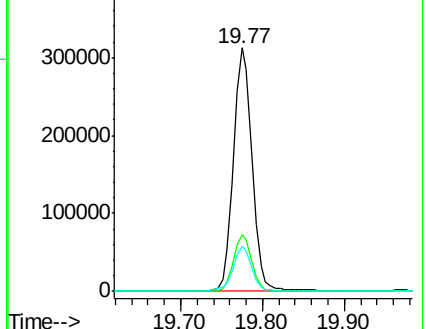
203 18.6 15.0 22.4



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: 101.67 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG022507.D

Acq: 23 Jun 2016 6:29

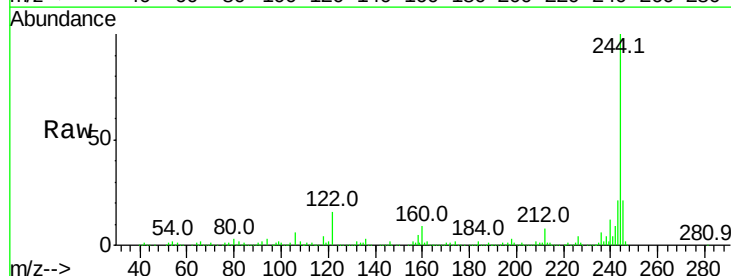
Tgt Ion:244 Resp: 612599

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

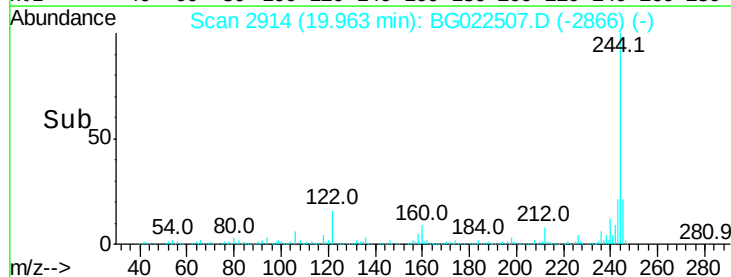
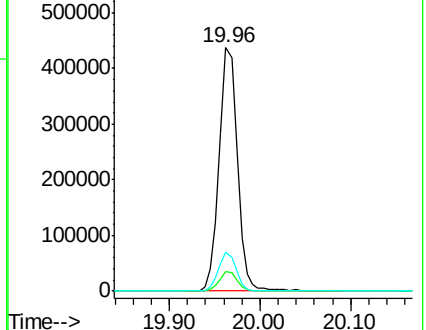
122 16.2 8.6 12.8#

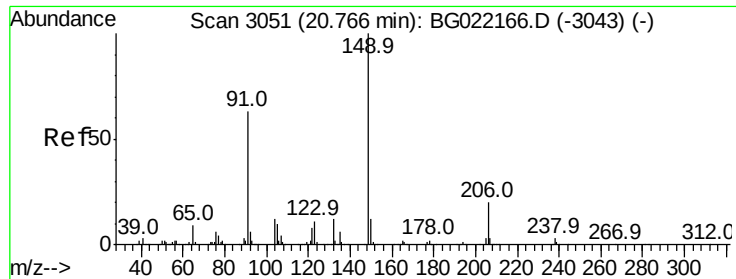


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

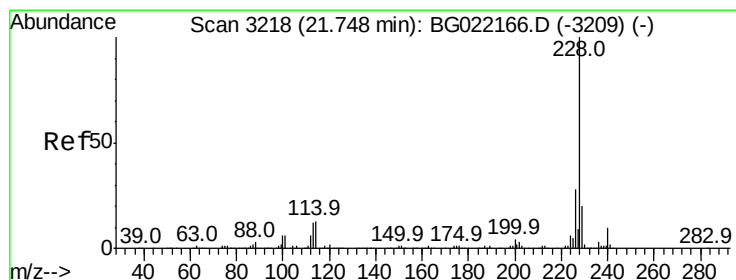
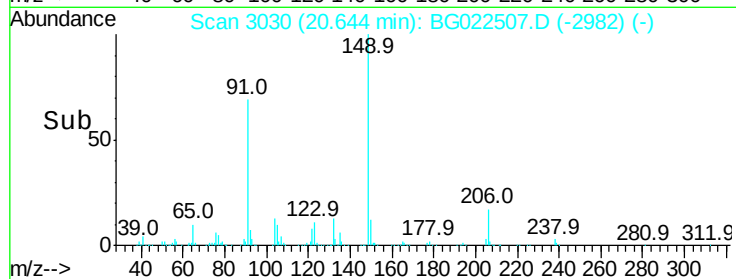
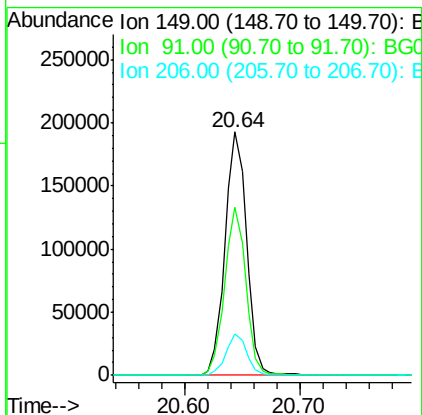
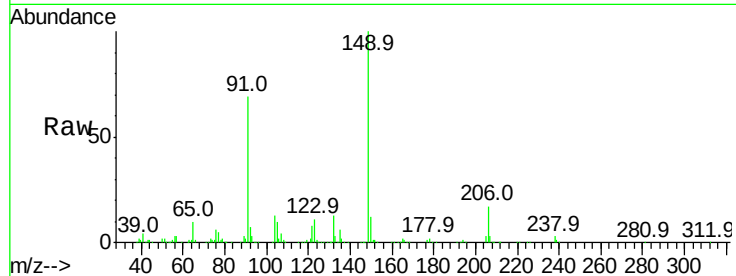




#79
Butylbenzylphthalate
Concen: 60.80 ng
RT: 20.64 min Scan# 3030
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

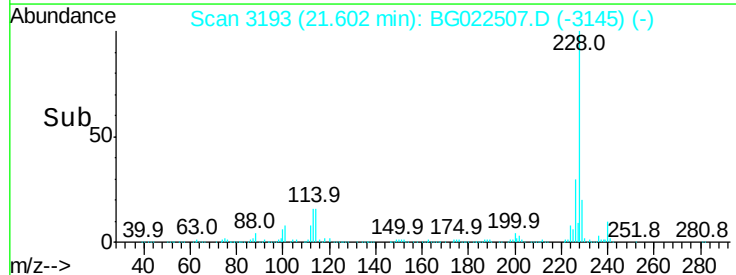
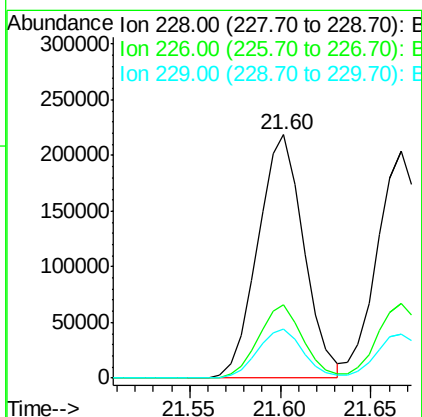
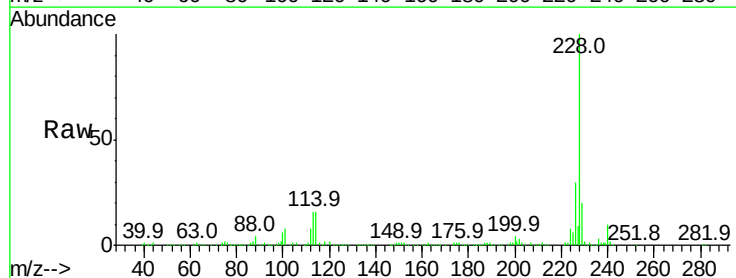
Instrument :
BNA_G
ClientSampled :

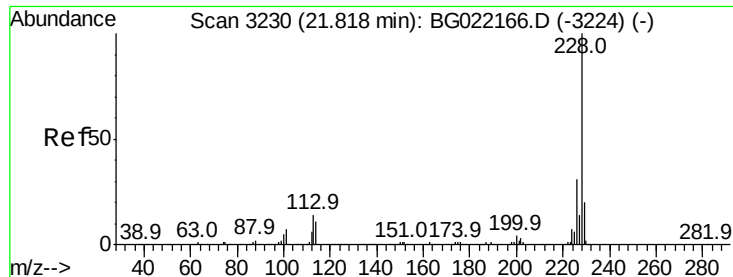
Tot Ion:149 Resp: 250774
Ion Ratio Lower Upper
149 100
91 69.2 57.8 86.8
206 16.9 17.0 25.4#



#80
Benzo(a)anthracene
Concen: 48.03 ng
RT: 21.60 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:228 Resp: 385316
Ion Ratio Lower Upper
228 100
226 29.9 22.6 34.0
229 20.3 16.1 24.1

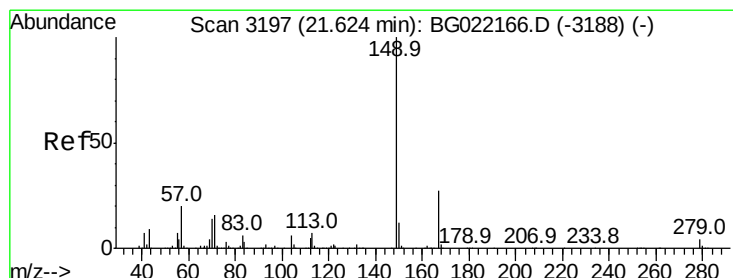
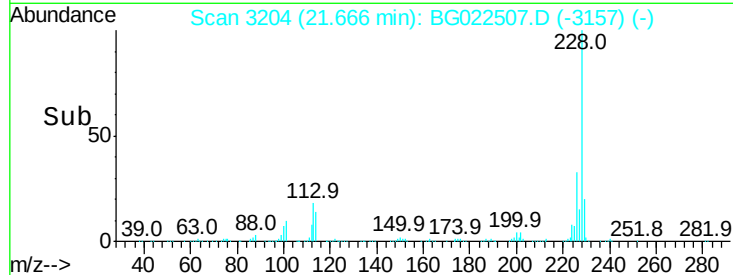
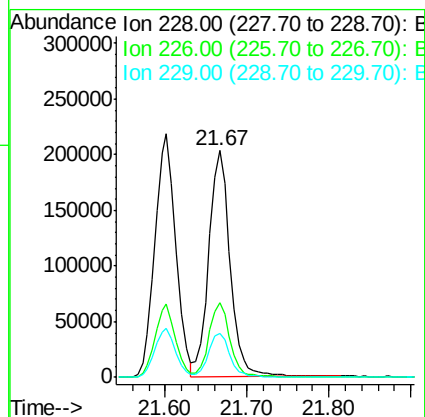
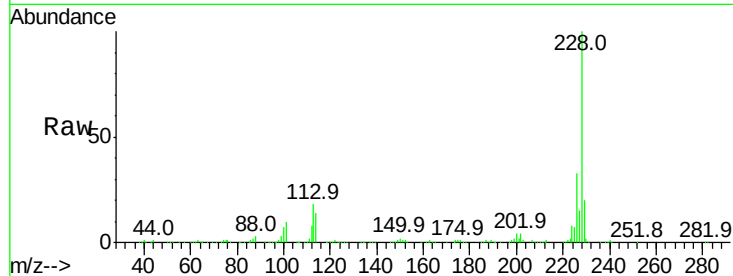




#82
Chrysene
Concen: 47.41 ng
RT: 21.67 min Scan# 3204
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

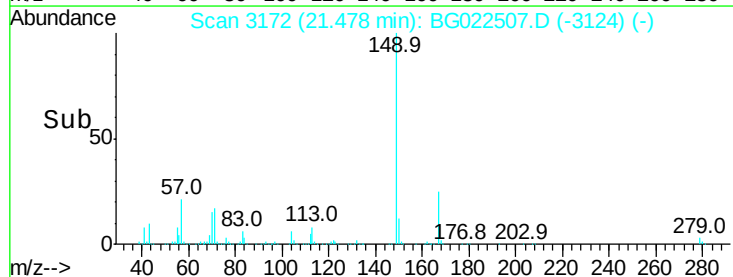
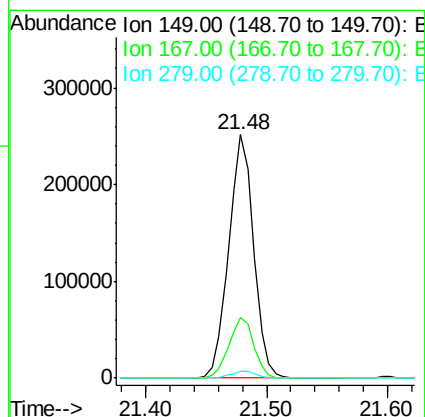
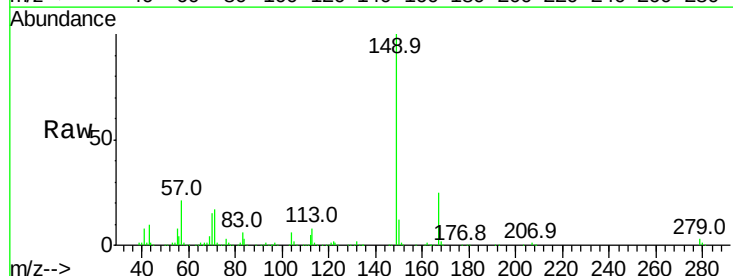
Instrument :
BNA_G
ClientSampled :

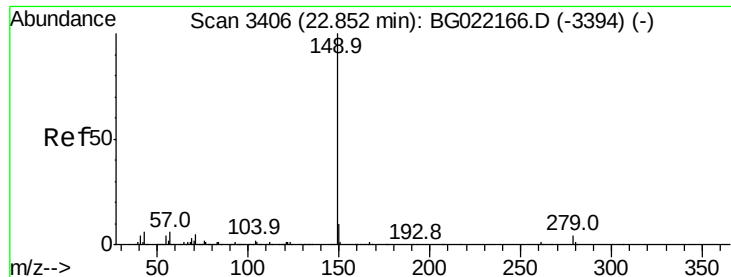
Tot Ion:228 Resp: 370051
Ion Ratio Lower Upper
228 100
226 32.9 25.4 38.0
229 19.6 15.9 23.9



#83
Bis(2-ethylhexyl)phthalate
Concen: 59.39 ng
RT: 21.48 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:149 Resp: 360205
Ion Ratio Lower Upper
149 100
167 25.1 22.4 33.6
279 2.7 3.2 4.8#

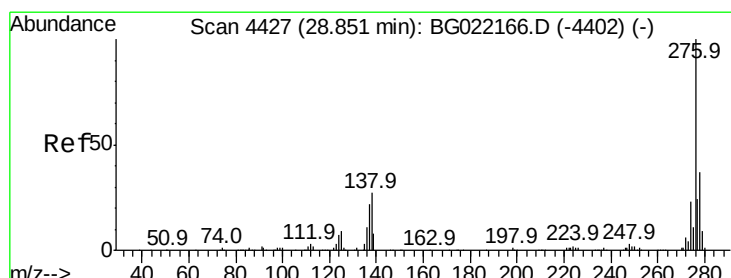
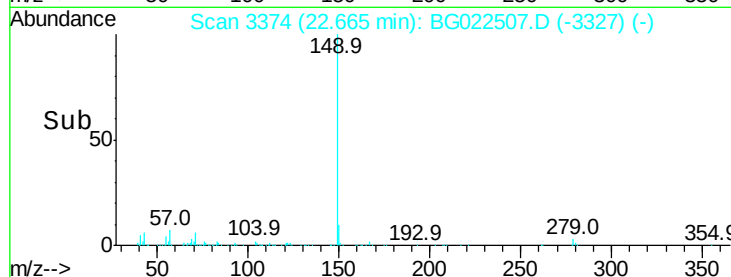
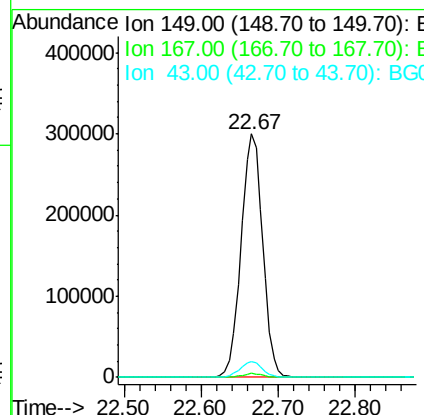
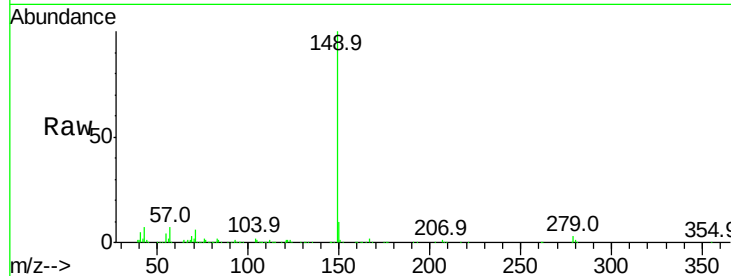




#84
Di-n-octyl phthalate
Concen: 58.44 ng
RT: 22.67 min Scan# 3374
Delta R.T. -0.02 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

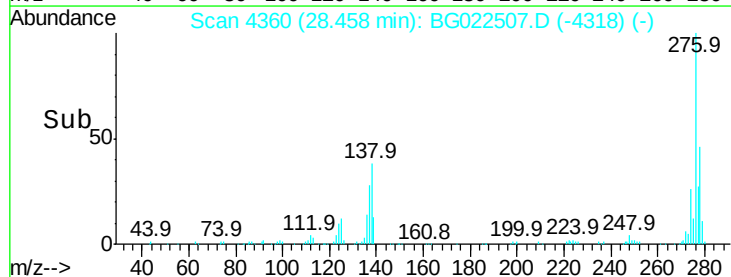
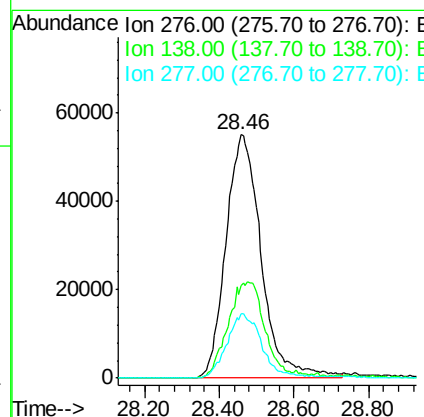
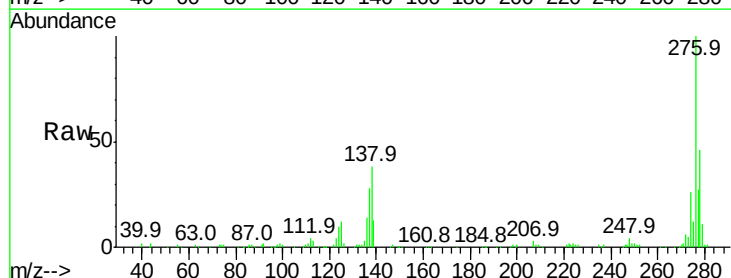
Instrument :
BNA_G
ClientSampleId :

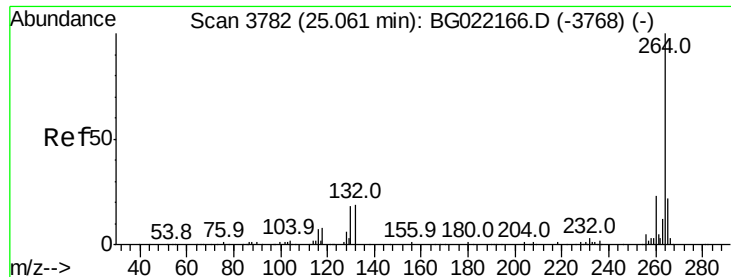
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.4	9.8	14.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.32 ng
RT: 28.46 min Scan# 4360
Delta R.T. -0.05 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.8	14.0	21.0
277	26.0	20.6	30.8



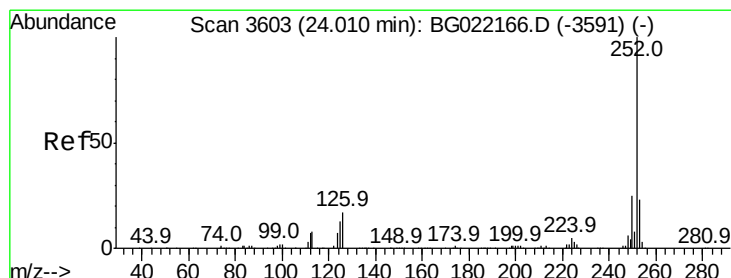
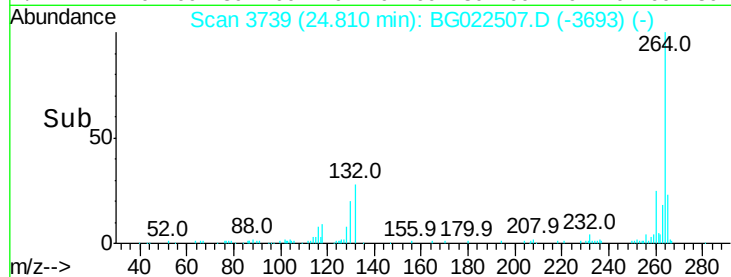
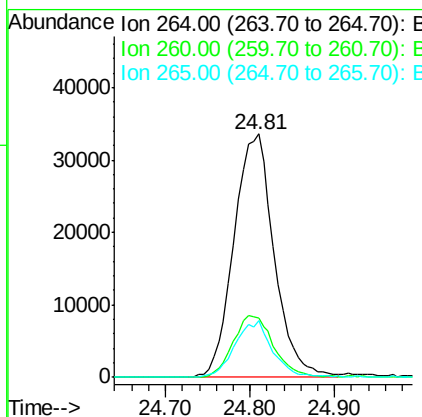
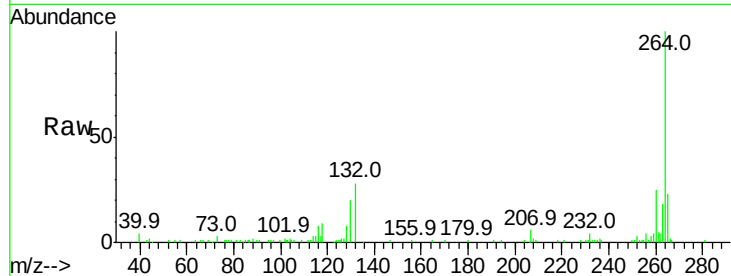


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 110733

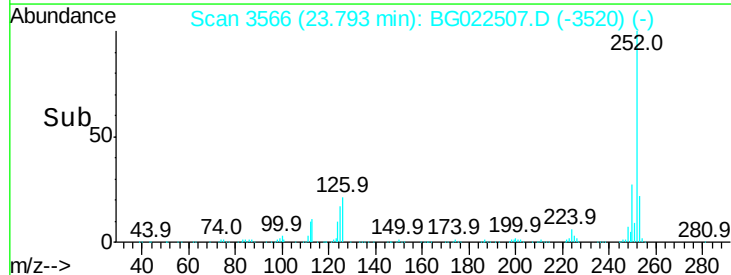
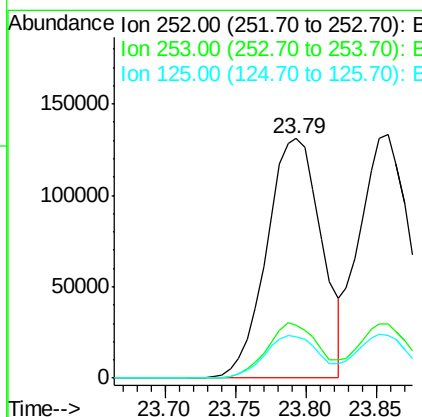
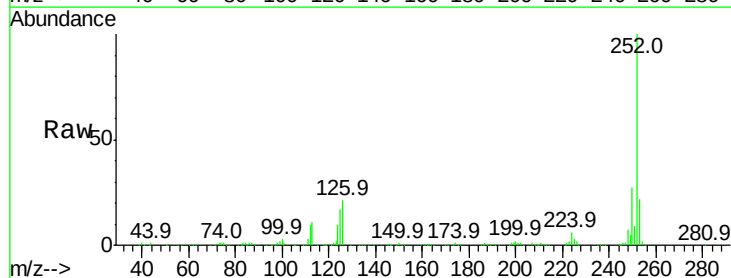
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	23.3	17.8	26.8

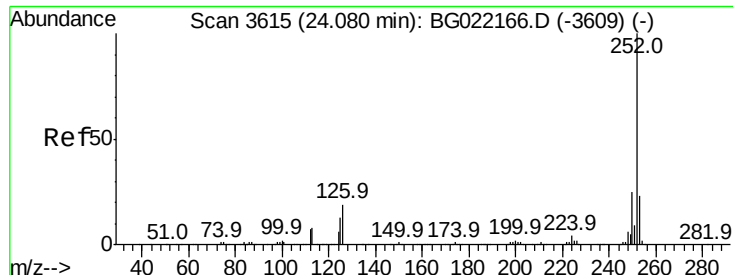


#87
Benzo(b)fluoranthene
Concen: 54.87 ng
RT: 23.79 min Scan# 3566
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:252 Resp: 354363

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	17.3	8.6	13.0#

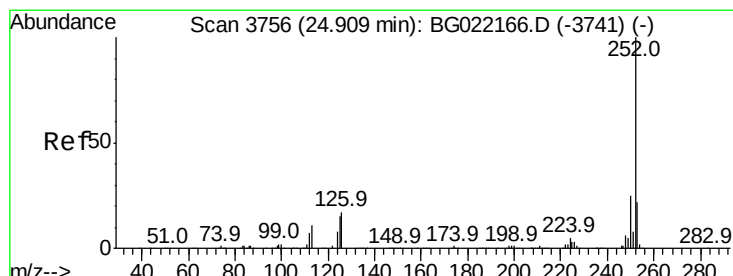
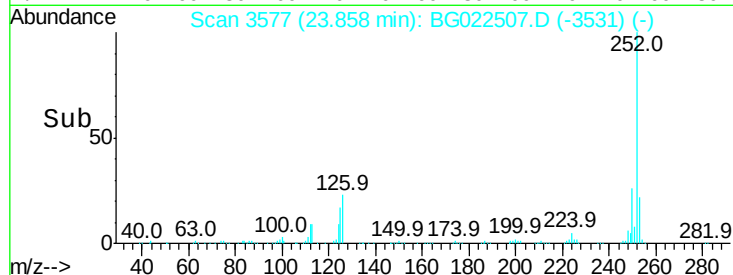
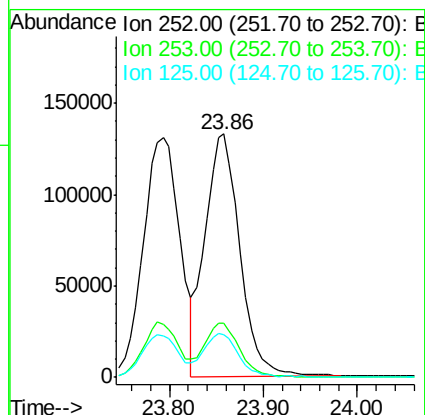
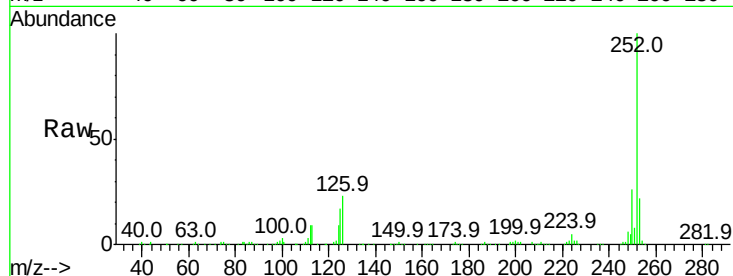




#88
Benzo(k)fluoranthene
Concen: 53.86 ng
RT: 23.86 min Scan# 3577
Delta R.T. -0.03 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

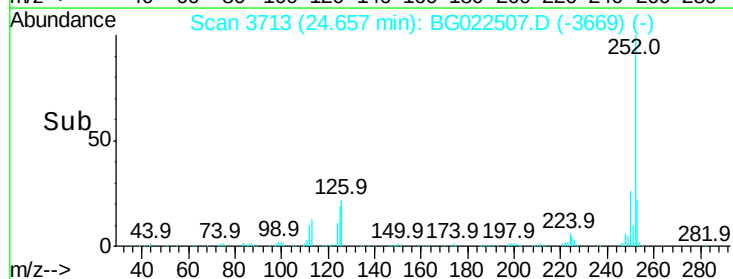
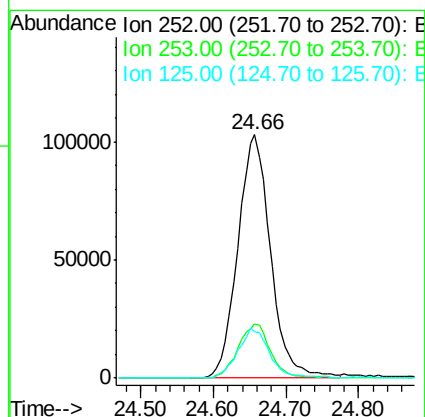
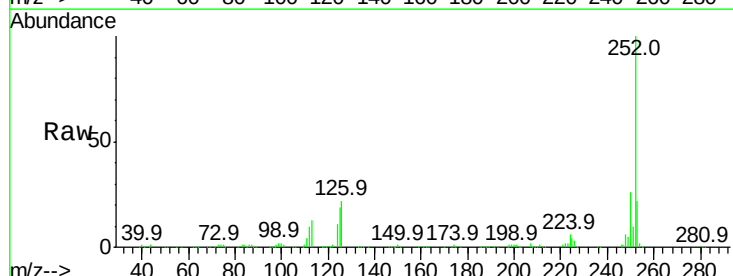
Instrument :
BNA_G
ClientSampleId :

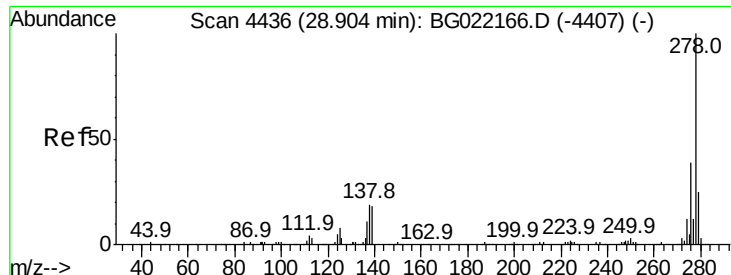
Tot Ion:252 Resp: 342445
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 17.4 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 52.34 ng
RT: 24.66 min Scan# 3713
Delta R.T. -0.04 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:252 Resp: 323230
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 19.3 9.6 14.4#

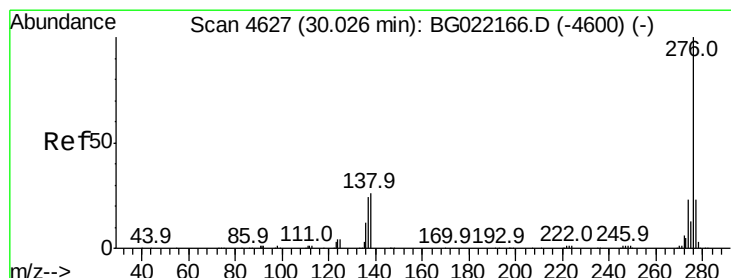
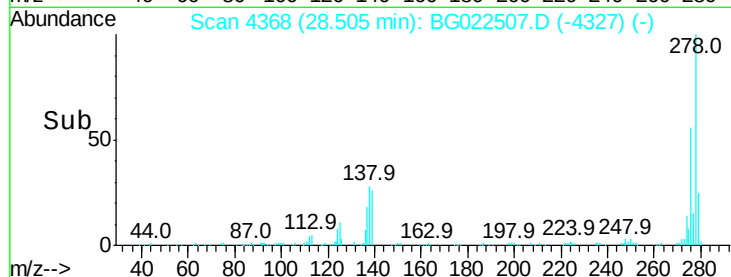
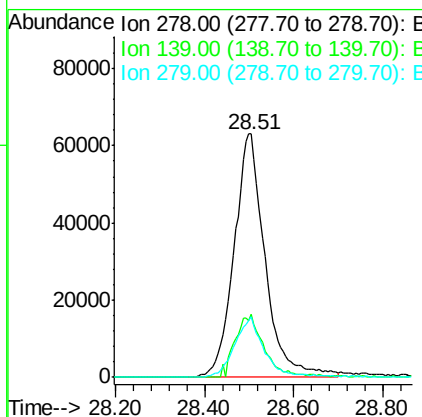
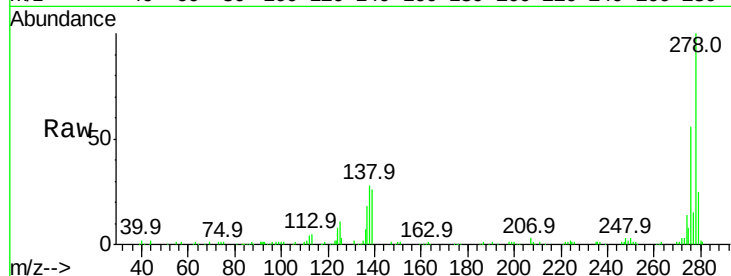




#90
Dibenzo(a,h)anthracene
Concen: 52.53 ng
RT: 28.51 min Scan# 4368
Delta R.T. -0.06 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 305517
Ion Ratio Lower Upper
278 100
139 26.0 11.9 17.9#
279 24.7 18.2 27.2



#91
Benzo(g,h,i)perylene
Concen: 45.81 ng
RT: 29.59 min Scan# 4553
Delta R.T. -0.07 min
Lab File: BG022507.D
Acq: 23 Jun 2016 6:29

Tgt Ion:276 Resp: 277180
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 38.4 17.4 26.0#

