

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
 Data File : BG023966.D
 Acq On : 8 Sep 2016 12:46
 Operator : UM/SJ
 Sample : H4680-28MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 08 14:01:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37095	20.00	ng	0.03
21) Naphthalene-d8	10.94	136	187271	20.00	ng	0.02
38) Acenaphthene-d10	14.78	164	144651	20.00	ng	0.02
63) Phenanthrene-d10	17.54	188	383989	20.00	ng	0.02
75) Chrysene-d12	21.85	240	408721	20.00	ng	0.00
86) Perylene-d12	25.23	264	403889	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	375319	177.63	ng	0.02
7) Phenol-d6	7.28	99	615920	189.37	ng	0.02
23) Nitrobenzene-d5	9.30	82	472047	112.53	ng	0.03
41) 2,4,6-Tribromophenol	16.28	330	401270	153.97	ng	0.02
44) 2-Fluorobiphenyl	13.39	172	984044	97.53	ng	0.02
78) Terphenyl-d14	20.14	244	1719848	95.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	33462	38.40	ng	98
3) Pyridine	3.92	79	109140	41.67	ng	94
4) n-Nitrosodimethylamine	3.84	42	73911	53.54	ng	# 78
6) Aniline	7.44	93	194851	45.13	ng	97
8) 2-Chlorophenol	7.68	128	130006	53.11	ng	97
9) Benzaldehyde	7.25	77	22897	9.91	ng	# 82
10) Phenol	7.31	94	204731	59.83	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	126932	47.15	ng	88
12) 1,3-Dichlorobenzene	8.00	146	133056	46.44	ng	94
13) 1,4-Dichlorobenzene	8.15	146	137183	45.20	ng	94
14) 1,2-Dichlorobenzene	8.47	146	132041	46.35	ng	96
15) Benzyl Alcohol	8.36	79	179067	62.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	170380	47.22	ng	94
17) 2-Methylphenol	8.57	107	128797	55.87	ng	97
18) Hexachloroethane	9.20	117	55185	47.22	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	153539	53.44	ng	# 97
20) 3+4-Methylphenols	8.91	107	188420	58.65	ng	96
22) Acetophenone	8.95	105	215247	44.40	ng	# 98
24) Nitrobenzene	9.34	77	230630	51.13	ng	98
25) Isophorone	9.86	82	403824	49.64	ng	99
26) 2-Nitrophenol	10.06	139	86683	50.55	ng	# 91
27) 2,4-Dimethylphenol	10.12	122	150622	51.68	ng	89
28) bis(2-Chloroethoxy)methane	10.34	93	211469	51.48	ng	99
29) 2,4-Dichlorophenol	10.60	162	171354	55.49	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	162893	48.10	ng	95
31) Naphthalene	11.00	128	459708	47.64	ng	98
32) Benzoic acid	10.23	122	12037	5.09	ng	92
33) 4-Chloroaniline	11.12	127	121638	30.19	ng	97
34) Hexachlorobutadiene	11.27	225	124495	48.95	ng	94
35) Caprolactam	11.91	113	59983	55.12	ng	93
36) 4-Chloro-3-methylphenol	12.25	107	223652	54.21	ng	96
37) 2-Methylnaphthalene	12.60	142	364819	49.70	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	206995	43.11	ng	99
40) Hexachlorocyclopentadiene	12.94	237	251085	86.19	ng	96

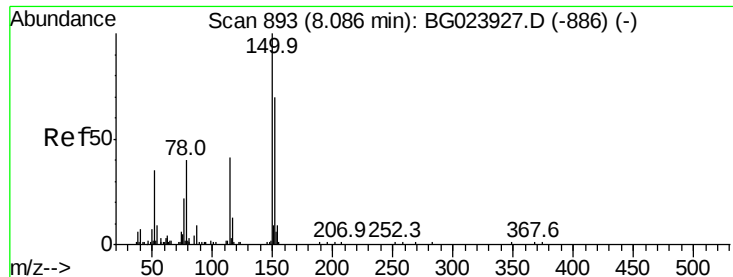
Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	157453	49.14	nq	97
43) 2,4,5-Trichlorophenol	13.31	196	168662	52.07	nq	96
45) 1,1'-Biphenyl	13.61	154	482387	41.46	nq	97
46) 2-Chloronaphthalene	13.65	162	413690	48.43	nq	94
47) 2-Nitroaniline	13.88	65	196285	58.34	nq	99
48) Acenaphthylene	14.50	152	674244	47.36	nq	99
49) Dimethylphthalate	14.23	163	1055068	85.06	nq	98
50) 2,6-Dinitrotoluene	14.36	165	130676	49.91	nq	92
51) Acenaphthene	14.84	154	427715	48.59	nq	99
52) 3-Nitroaniline	14.70	138	108573	44.33	nq	86
53) 2,4-Dinitrophenol	14.92	184	72308	41.21	nq	# 91
54) Dibenzofuran	15.18	168	725949	52.84	nq	99
55) 4-Nitrophenol	15.03	139	172003	88.27	nq	90
56) 2,4-Dinitrotoluene	15.16	165	195771	50.87	nq	87
57) Fluorene	15.83	166	596442	50.06	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	178345	54.25	nq	96
59) Diethylphthalate	15.59	149	650255	49.11	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	331461	51.68	nq	96
61) 4-Nitroaniline	15.87	138	127435	51.47	nq	96
62) Azobenzene	16.11	77	737323	57.49	nq	95
64) 4,6-Dinitro-2-methylphenol	15.93	198	102292	38.37	nq	90
65) n-Nitrosodiphenylamine	16.04	169	560825	51.42	nq	98
66) 4-Bromophenyl-phenylether	16.71	248	236883	50.71	nq	98
67) Hexachlorobenzene	16.84	284	251714	45.94	nq	99
68) Atrazine	16.98	200	230072	49.03	nq	98
69) Pentachlorophenol	17.19	266	239389	82.26	nq	99
70) Phenanthrene	17.58	178	1017665	50.95	nq	98
71) Anthracene	17.68	178	1042023	51.14	nq	98
72) Carbazole	17.95	167	881927	47.70	nq	97
73) Di-n-butylphthalate	18.48	149	1057460	47.93	nq	97
74) Fluoranthene	19.60	202	1188350	49.41	nq	95
76) Benzidine	19.78	184	597778	47.23	nq	95
77) Pyrene	19.96	202	1180824	46.98	nq	95
79) Butylbenzylphthalate	20.83	149	478957	49.43	nq	96
80) Benzo(a)anthracene	21.84	228	1170123	51.14	nq	92
81) 3,3'-Dichlorobenzidine	21.74	252	292237	31.96	nq	# 97
82) Chrysene	21.90	228	1108493	50.90	nq	96
83) Bis(2-ethylhexyl)phthalate	21.70	149	661585	49.86	nq	95
84) Di-n-octyl phthalate	22.96	149	1100789	50.59	nq	100
85) Indeno(1,2,3-cd)pyrene	29.11	276	651028	27.00	nq	# 100
87) Benzo(b)fluoranthene	24.16	252	1222536	53.29	nq	100
88) Benzo(k)fluoranthene	24.23	252	1132035	49.76	nq	# 99
89) Benzo(a)pyrene	25.08	252	1161368	53.31	nq	95
90) Dibenzo(a,h)anthracene	29.17	278	1139979	53.20	nq	# 97
91) Benzo(g,h,i)perylene	30.34	276	1116193	54.17	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. 0.03 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

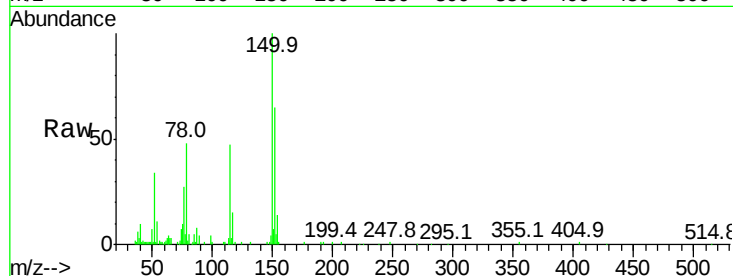
Tot Ion:152 Resp: 37095

Ion Ratio Lower Upper

152 100

150 153.5 144.7 217.1

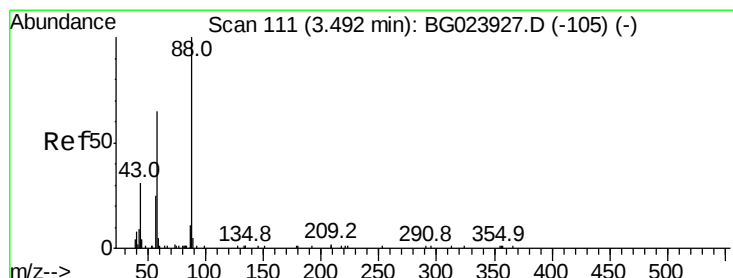
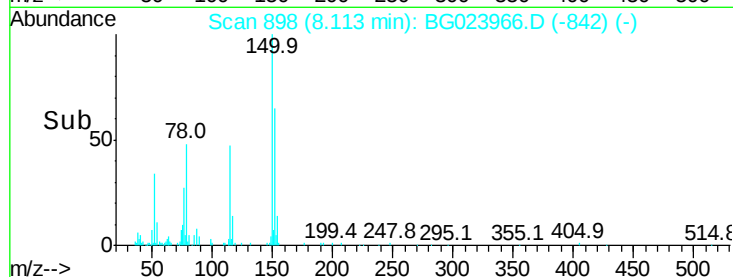
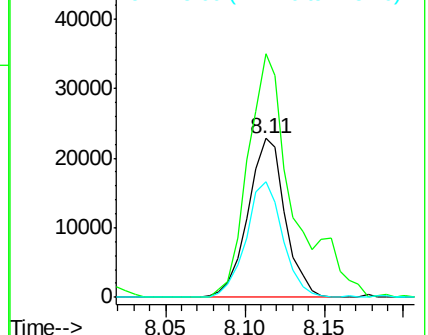
115 72.9 64.0 96.0



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: 38.40 ng

RT: 3.51 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

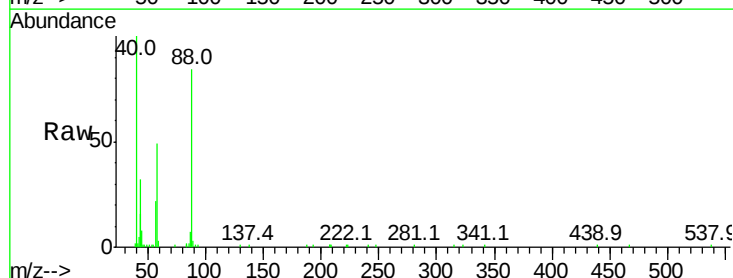
Tgt Ion: 88 Resp: 33462

Ion Ratio Lower Upper

88 100

58 76.2 60.4 90.6

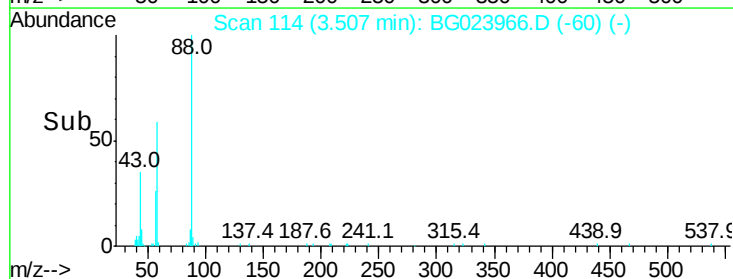
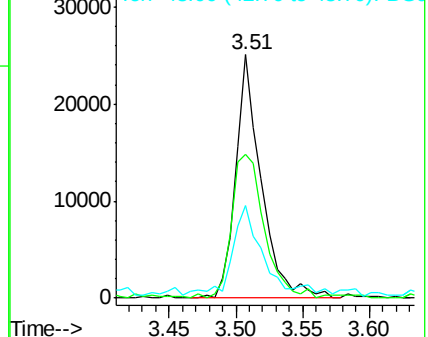
43 41.4 31.1 46.7

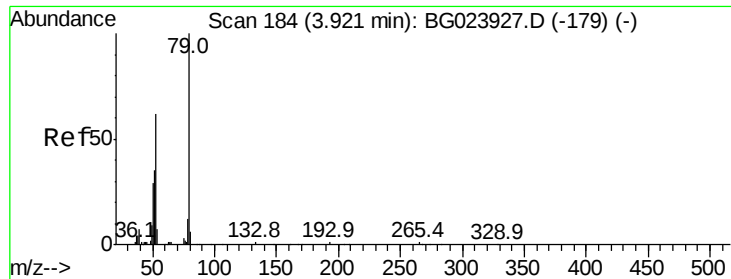


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.67 ng

RT: 3.92 min Scan# 185

Delta R.T. 0.00 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

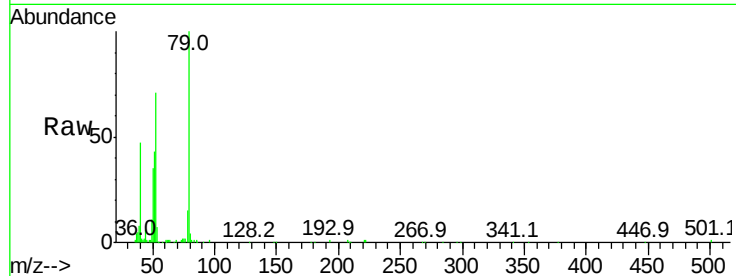
Tot Ion: 79 Resp: 109140

Ion Ratio Lower Upper

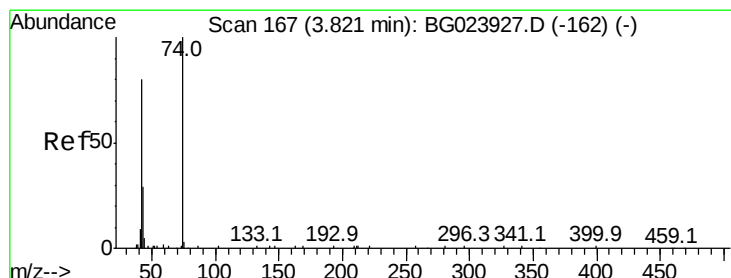
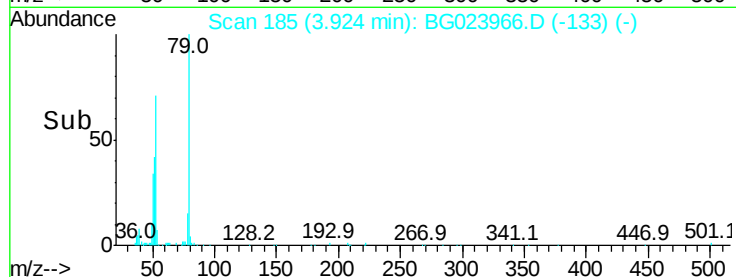
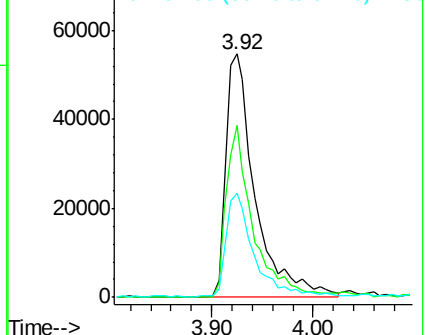
79 100

52 70.8 51.8 77.8

51 42.7 32.7 49.1



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: 53.54 ng

RT: 3.84 min Scan# 170

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

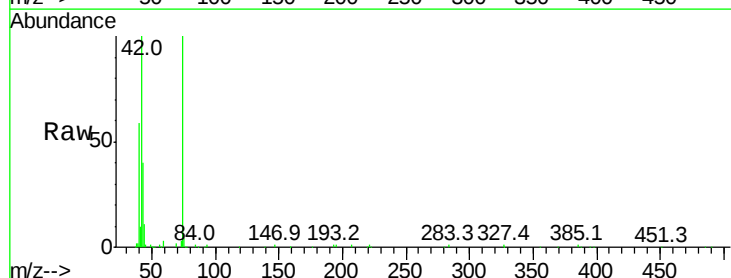
Tgt Ion: 42 Resp: 73911

Ion Ratio Lower Upper

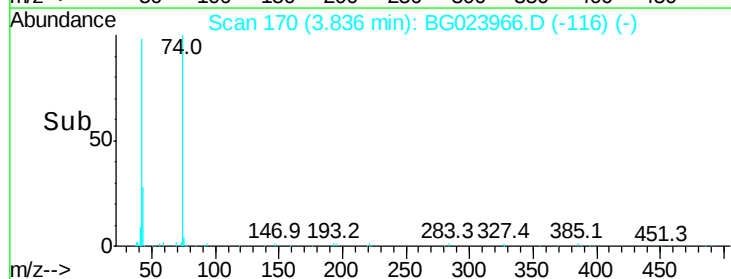
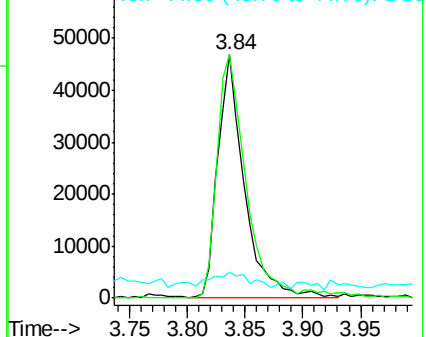
42 100

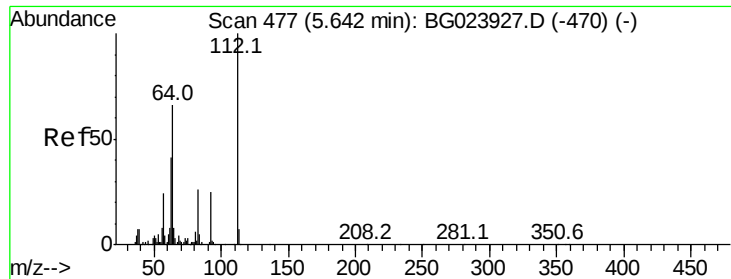
74 100.0 100.6 150.8#

44 10.7 4.5 6.7#



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: 177.63 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

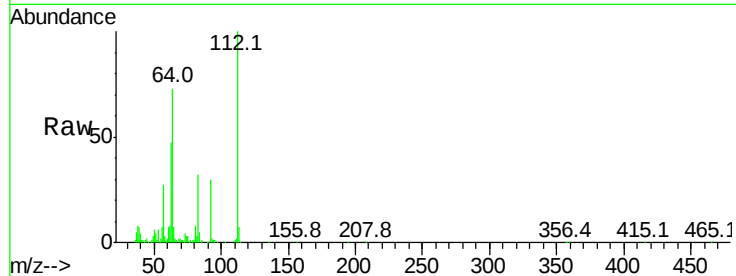
Tot Ion:112 Resp: 375319

Ion Ratio Lower Upper

112 100

64 72.7 59.0 88.4

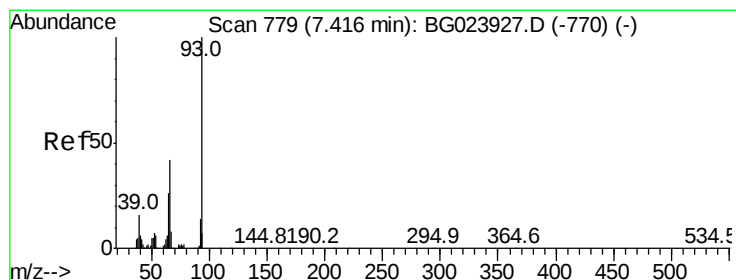
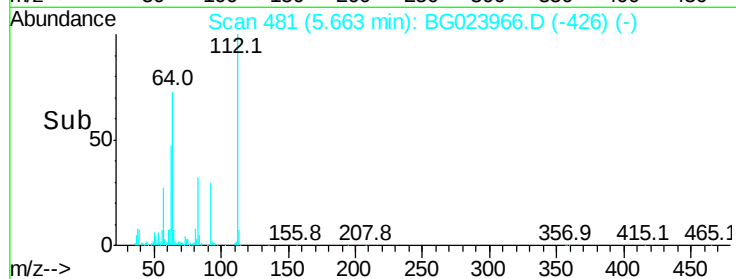
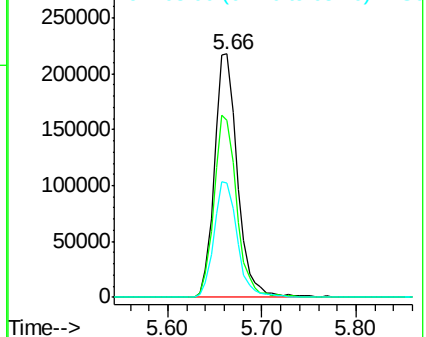
63 46.9 37.8 56.8



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: 45.13 ng

RT: 7.44 min Scan# 783

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

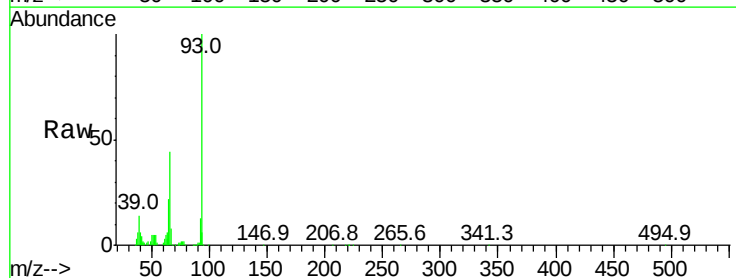
Tgt Ion: 93 Resp: 194851

Ion Ratio Lower Upper

93 100

66 43.8 37.5 56.3

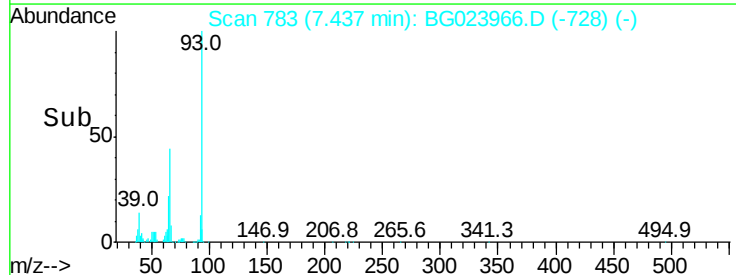
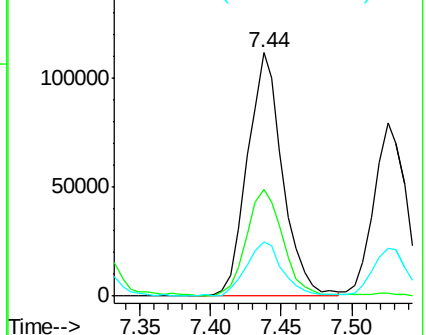
65 22.1 17.9 26.9

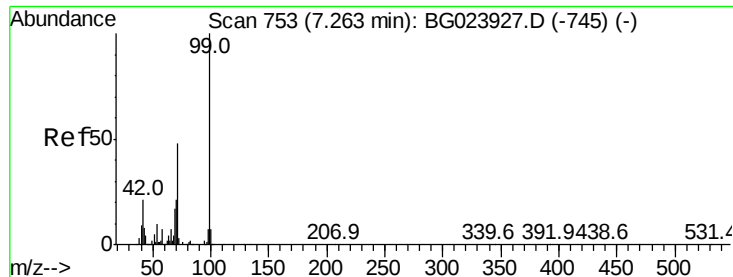


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 189.37 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

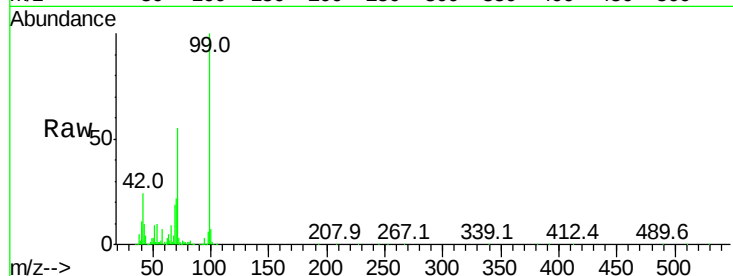
Tot Ion: 99 Resp: 615920

Ion Ratio Lower Upper

99 100

42 23.5 17.8 26.6

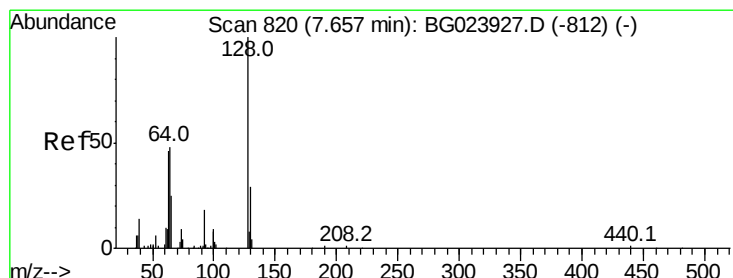
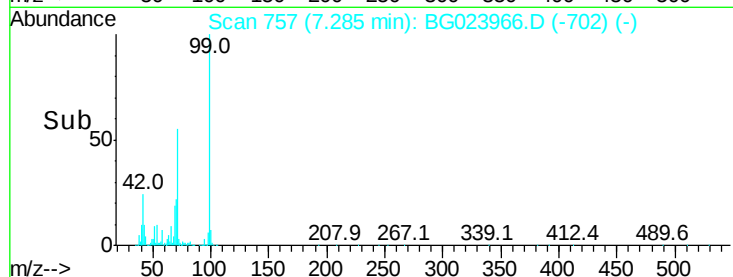
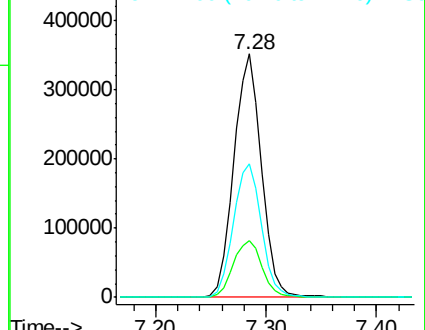
71 54.8 41.5 62.3



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: 53.11 ng

RT: 7.68 min Scan# 824

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

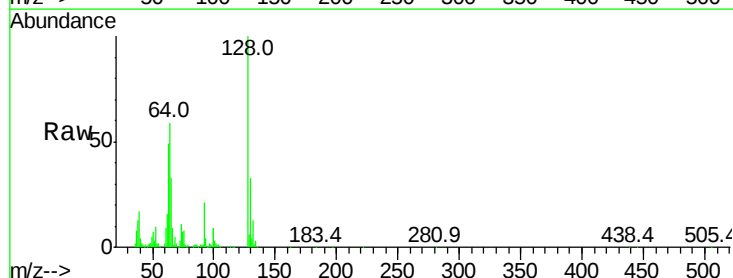
Tgt Ion:128 Resp: 130006

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

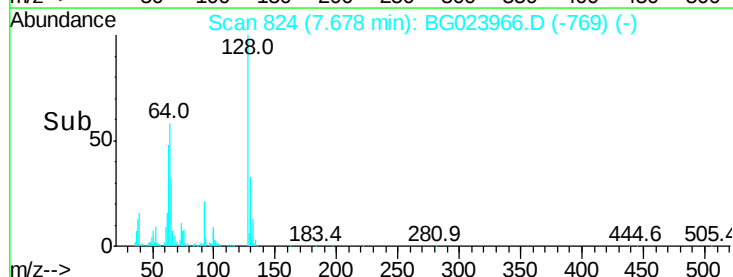
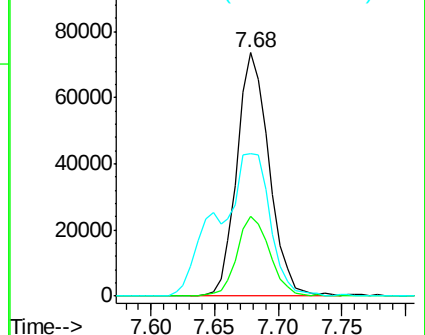
64 58.6 42.0 82.0

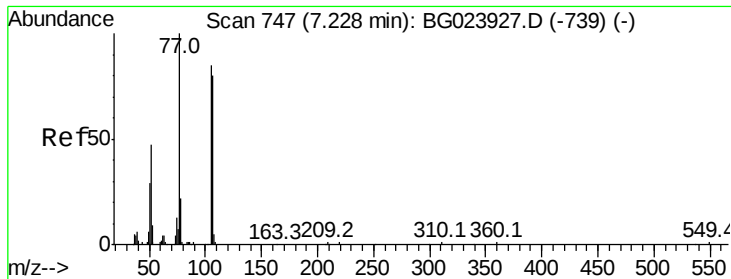


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 9.91 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

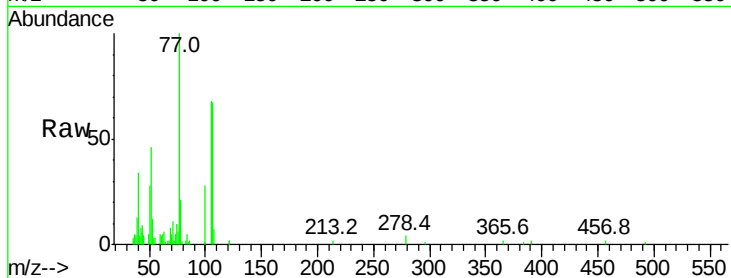
Tot Ion: 77 Resp: 22897

Ion Ratio Lower Upper

77 100

105 67.5 58.7 98.7

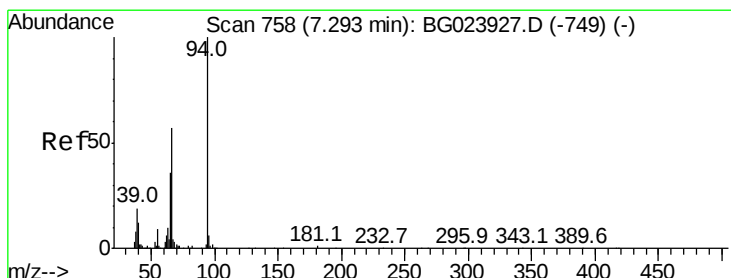
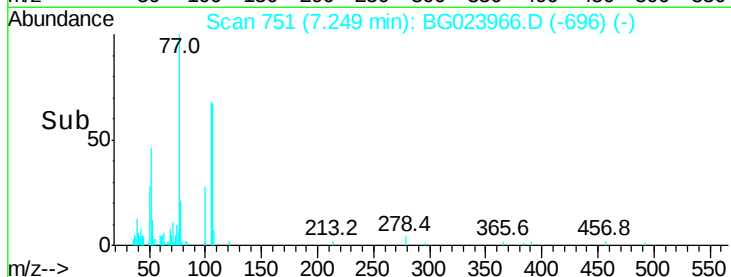
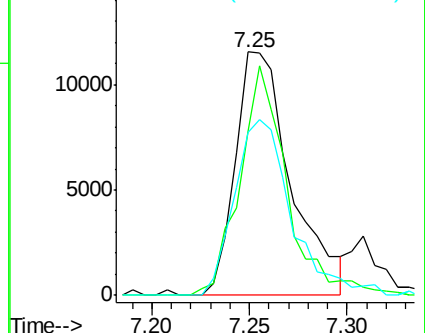
106 67.2 67.5 107.5#



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: 59.83 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

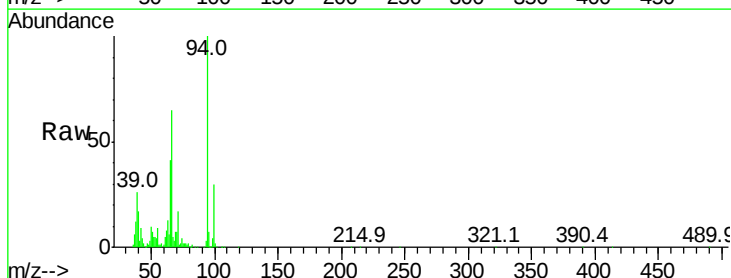
Tgt Ion: 94 Resp: 204731

Ion Ratio Lower Upper

94 100

65 41.2 18.1 58.1

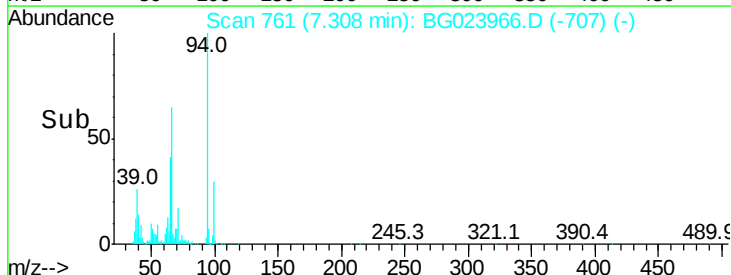
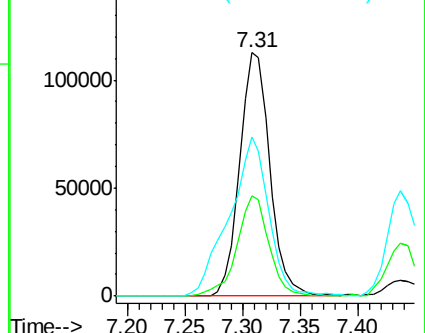
66 65.2 42.1 82.1

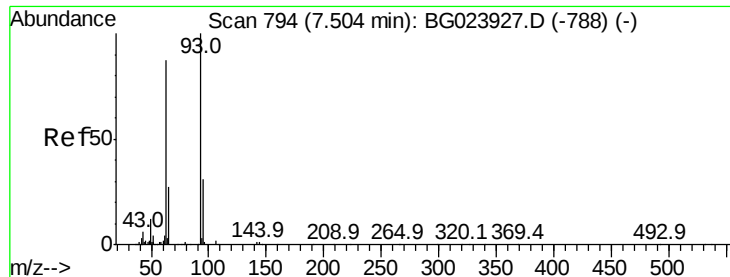


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

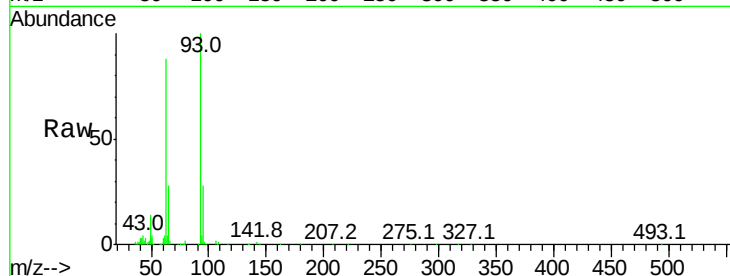




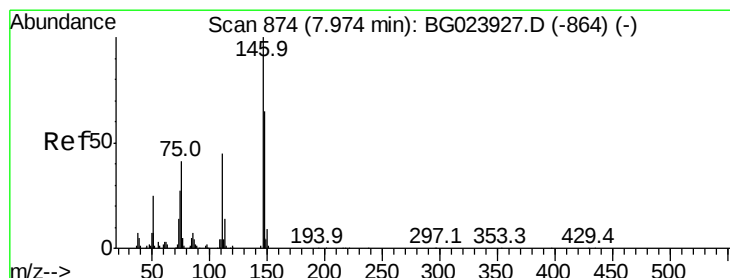
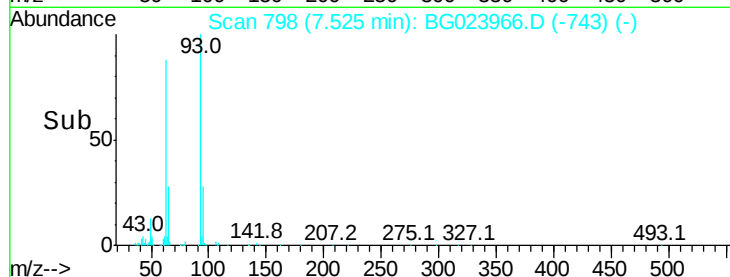
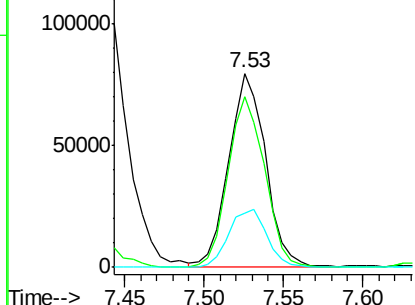
#11
bis(2-Chloroethyl)ether
Concen: 47.15 ng
RT: 7.53 min Scan# 798
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	55.0	95.0
95	28.2	11.0	51.0

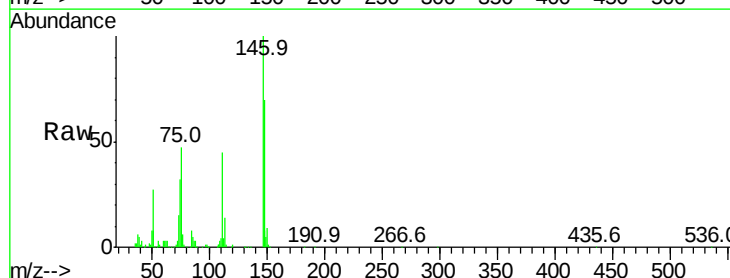


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

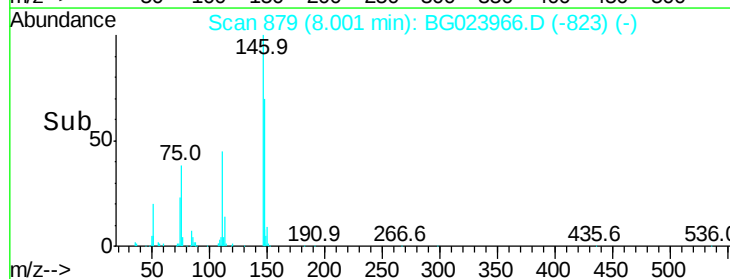
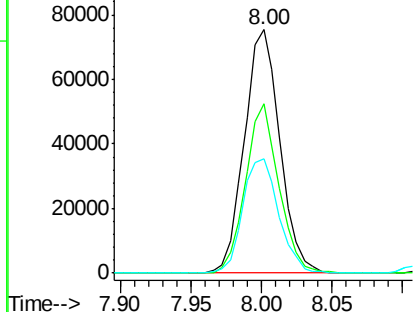


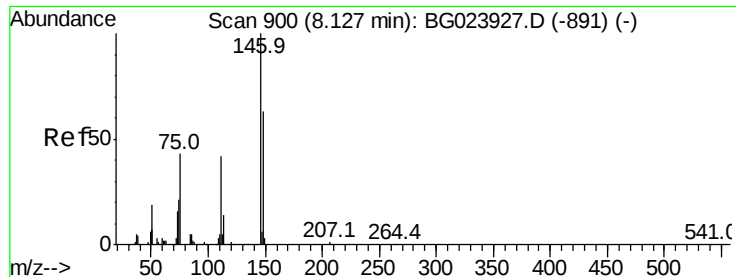
#12
1,3-Dichlorobenzene
Concen: 46.44 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.03 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	50.3	75.5
75	47.1	37.0	55.6



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





#13

1,4-Dichlorobenzene

Concen: 45.20 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampled :

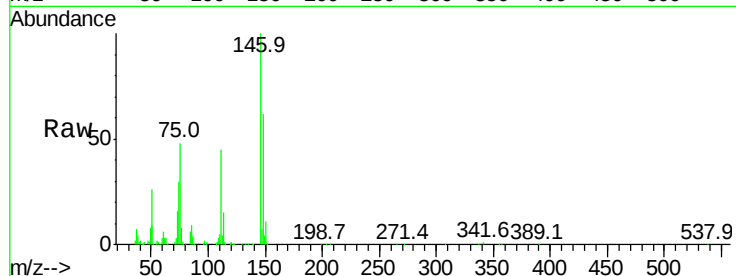
Tot Ion:146 Resp: 137183

Ion Ratio Lower Upper

146 100

148 62.5 54.5 81.7

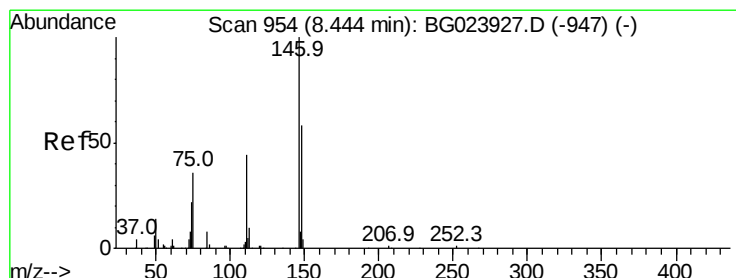
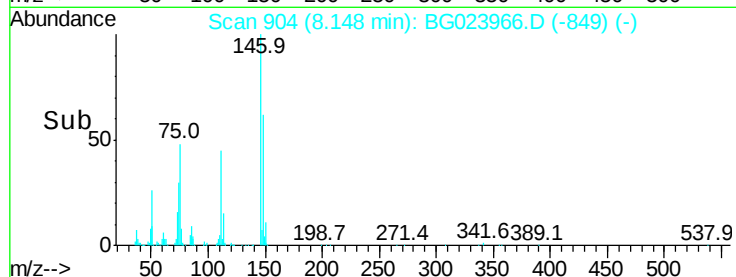
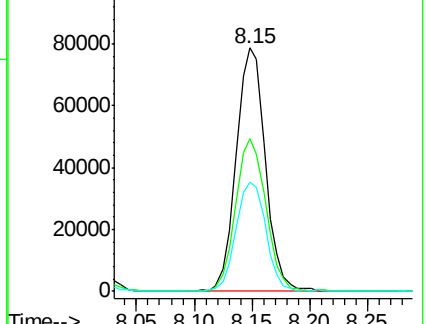
111 45.0 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.35 ng

RT: 8.47 min Scan# 959

Delta R.T. 0.03 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

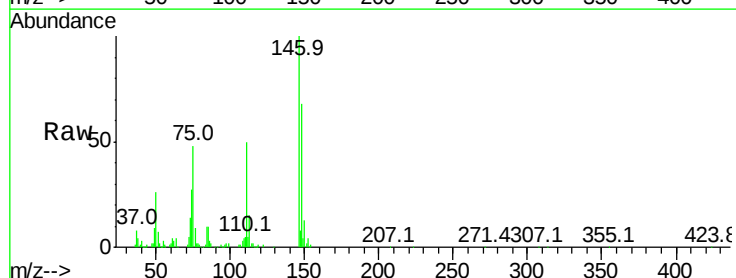
Tgt Ion:146 Resp: 132041

Ion Ratio Lower Upper

146 100

148 68.0 52.9 79.3

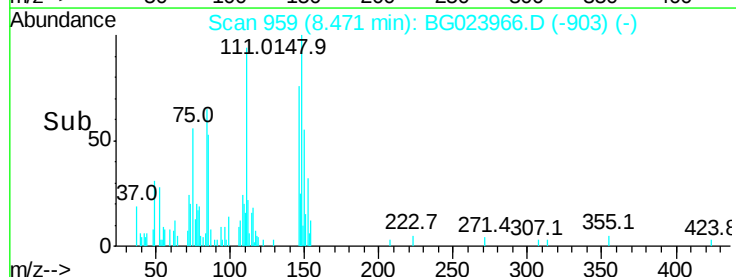
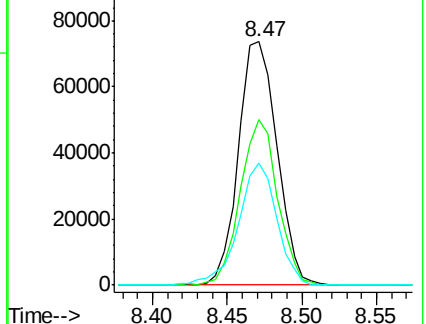
111 50.2 43.5 65.3

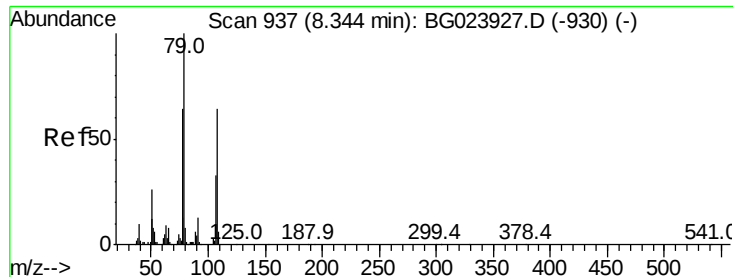


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 62.45 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

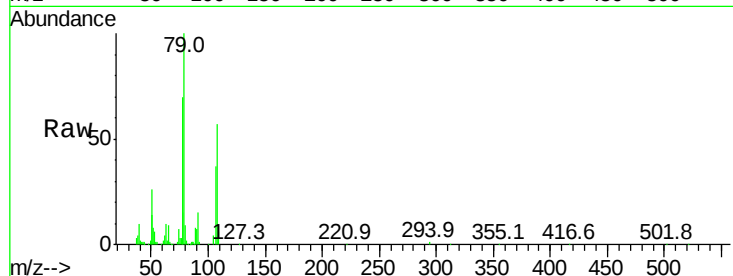
Tot Ion: 79 Resp: 179067

Ion Ratio Lower Upper

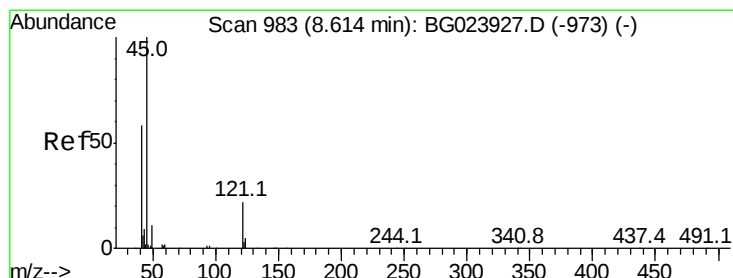
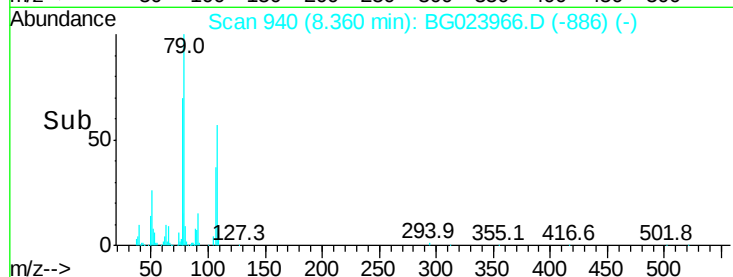
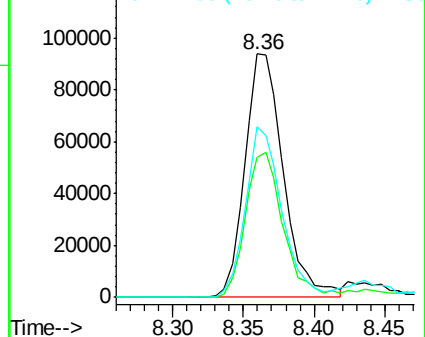
79 100

108 57.4 46.5 69.7

77 70.1 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.22 ng

RT: 8.65 min Scan# 989

Delta R.T. 0.03 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

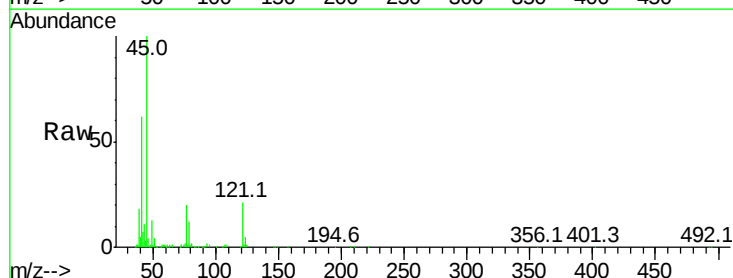
Tgt Ion: 45 Resp: 170380

Ion Ratio Lower Upper

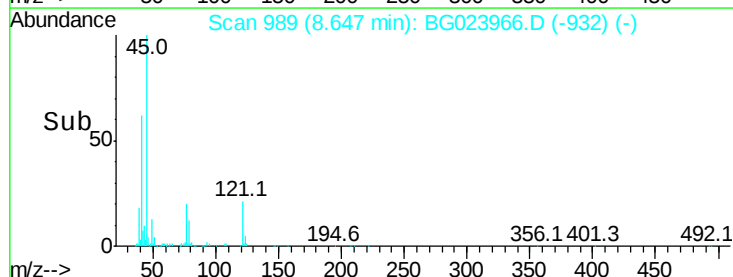
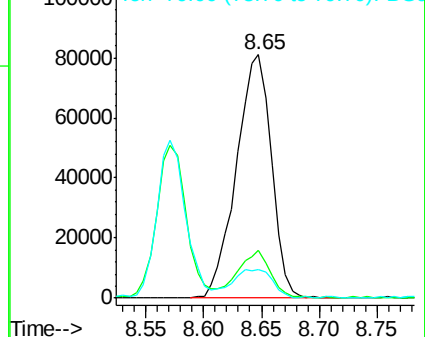
45 100

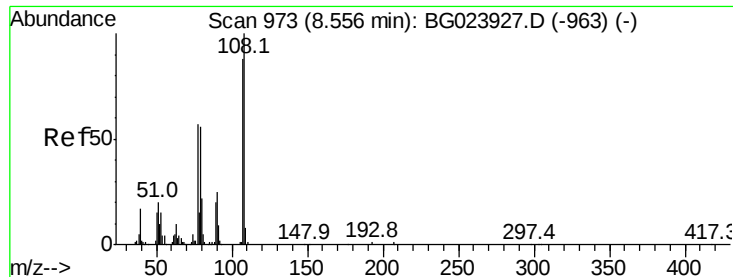
77 19.5 0.6 40.6

79 11.5 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 55.87 ng

RT: 8.57 min Scan# 976

Delta R.T. 0.02 min

Lab File: BG023966.D

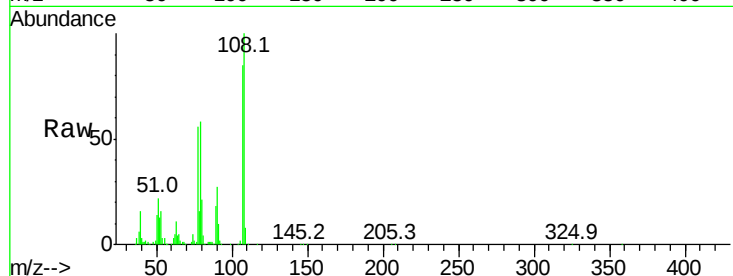
Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	128797
Ion	Ratio	Lower	Upper
107	100		
108	118.2	92.0	138.0
77	65.8	55.8	83.6
79	68.3	55.0	82.6

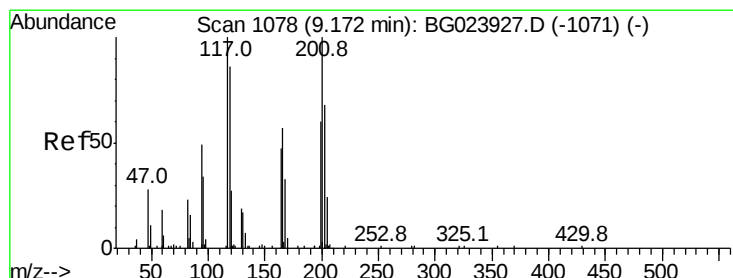
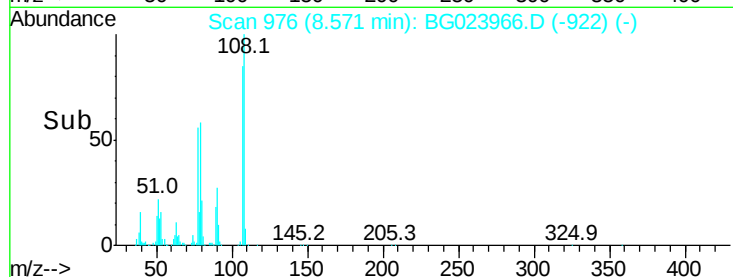
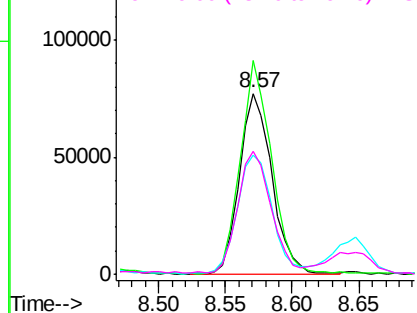


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 47.22 ng

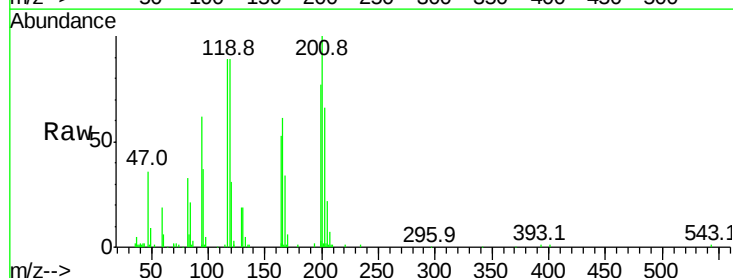
RT: 9.20 min Scan# 1083

Delta R.T. 0.03 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

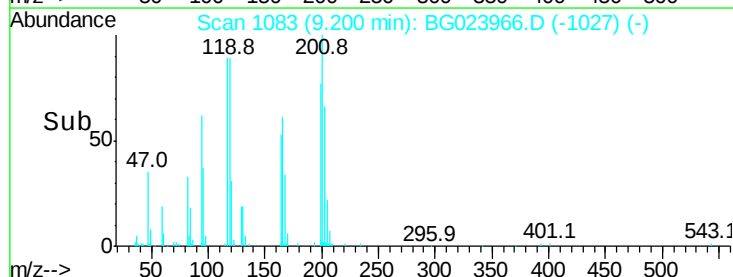
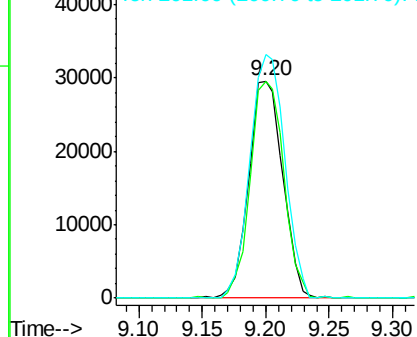
Tgt Ion:	117	Resp:	55185
Ion	Ratio	Lower	Upper
117	100		
119	100.0	73.7	110.5
201	112.3	88.7	133.1

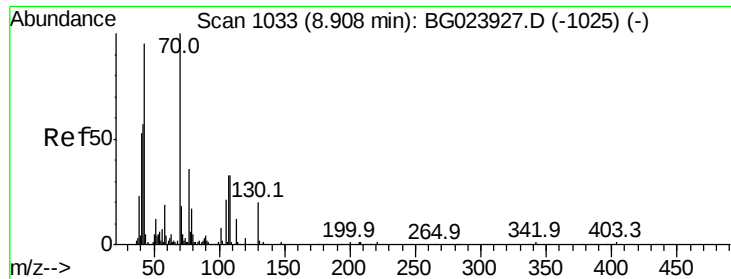


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

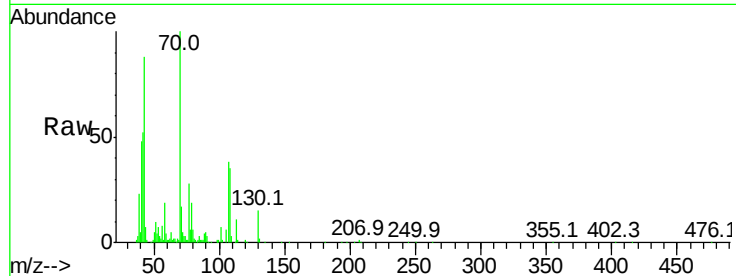




#19
n-Nitroso-di-n-propylamine
Concen: 53.44 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	42.1	63.1
101	7.0	7.2	10.8
130	15.0	14.2	21.2



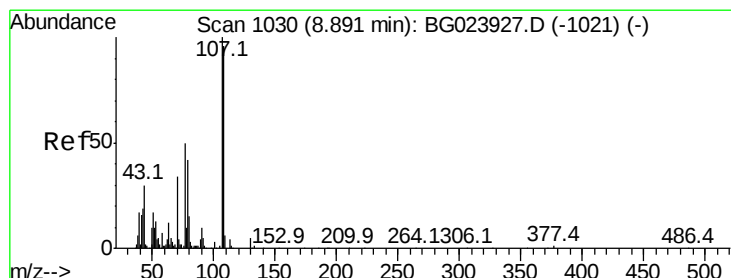
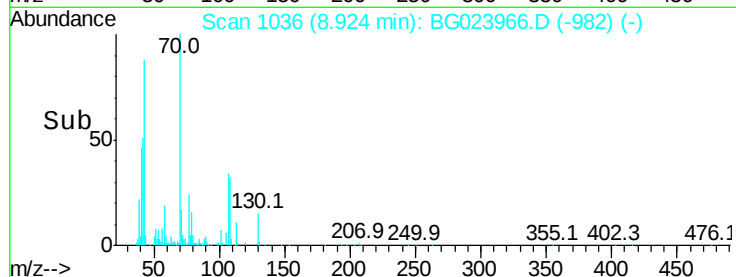
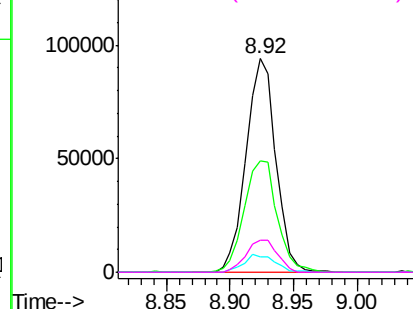
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

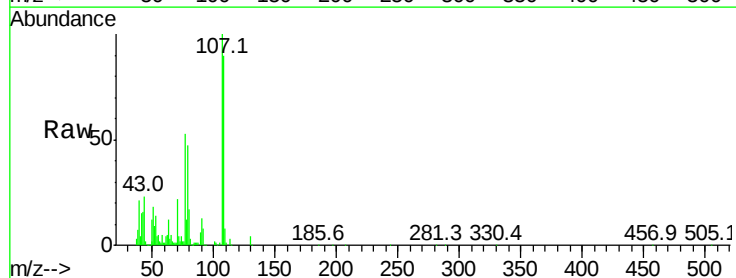
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 58.65 ng
RT: 8.91 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	72.5	112.5
77	53.4	30.1	70.1
79	47.1	24.2	64.2



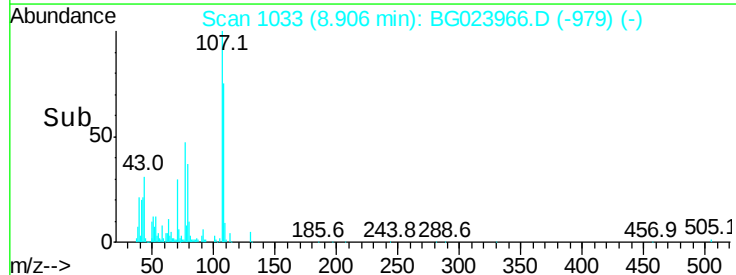
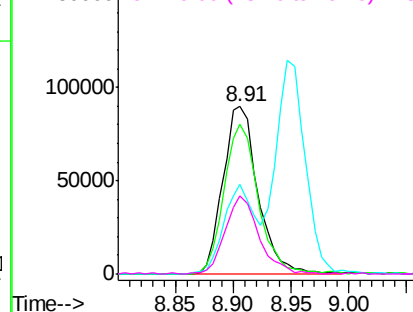
Abundance

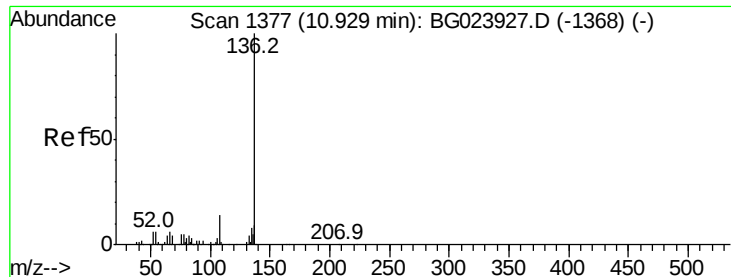
Ion 107.00 (106.70 to 107.70): BGC

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

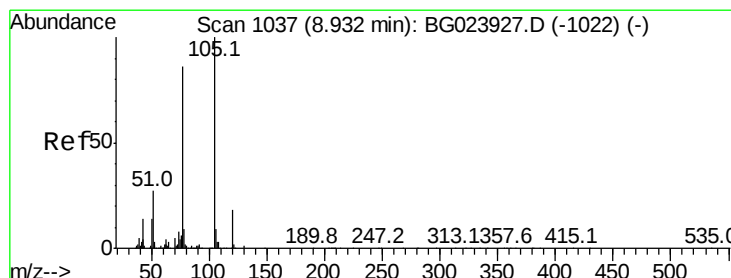
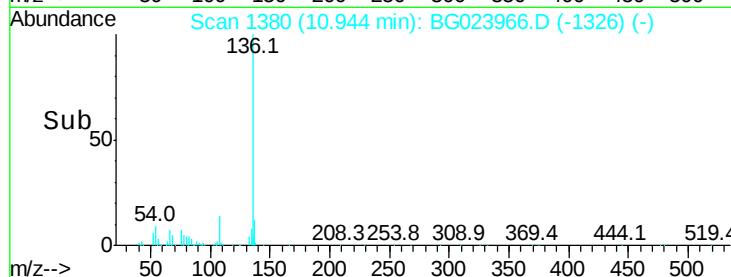
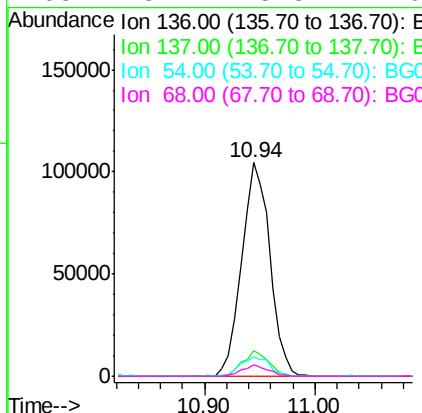
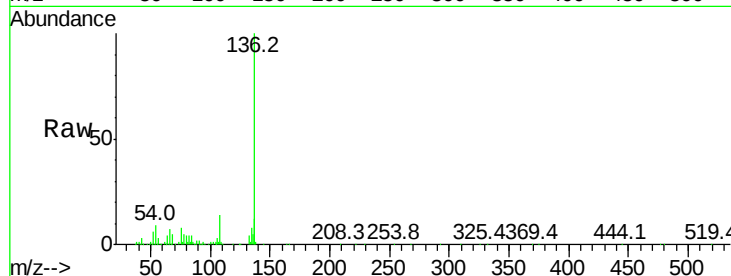




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1380
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

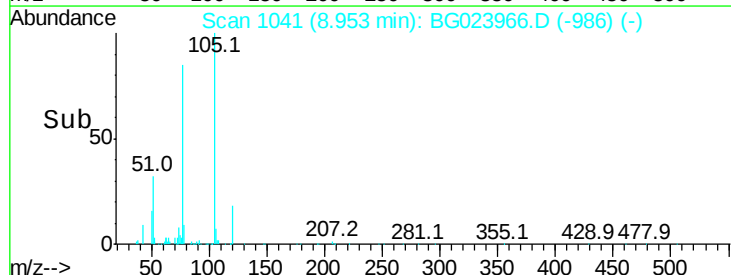
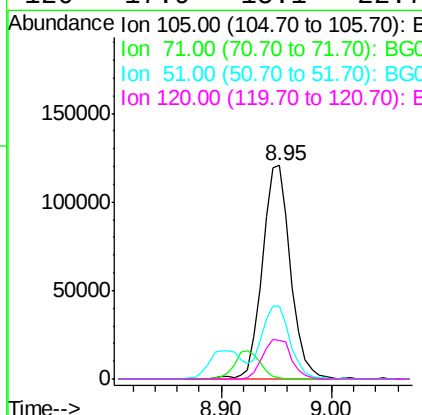
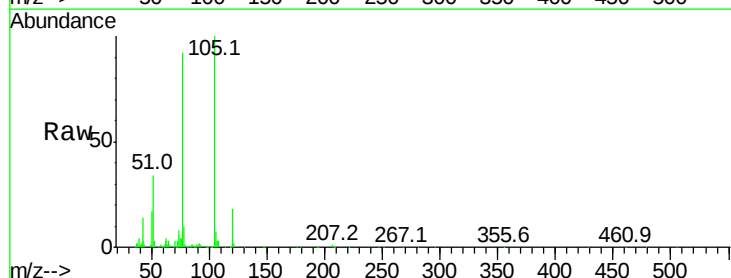
Instrument :
BNA_G
ClientSampleId :

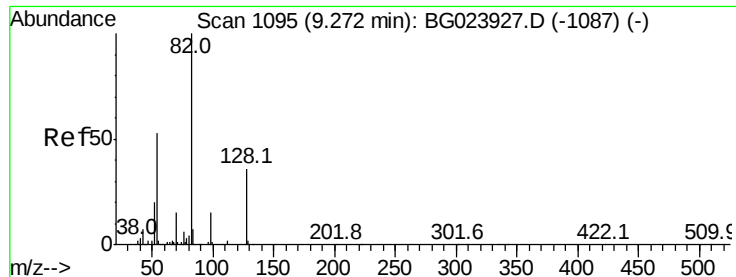
Tot Ion:136	Resp:	187271
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.6 14.4
54	9.1	7.3 10.9
68	5.4	5.3 7.9



#22
Acetophenone
Concen: 44.40 ng
RT: 8.95 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:105	Resp:	215247
Ion	Ratio	Lower Upper
105	100	
71	0.3	2.6 3.8#
51	34.4	27.1 40.7
120	17.9	15.1 22.7

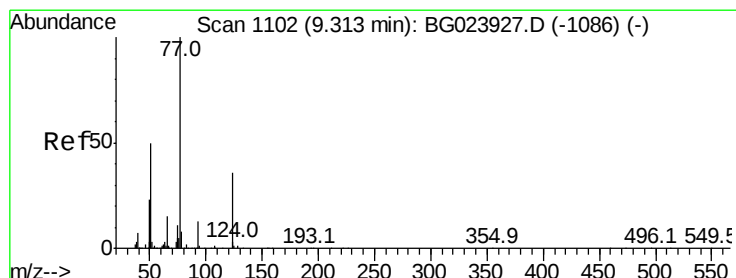
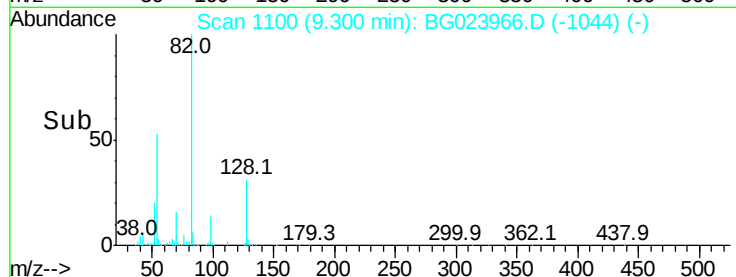
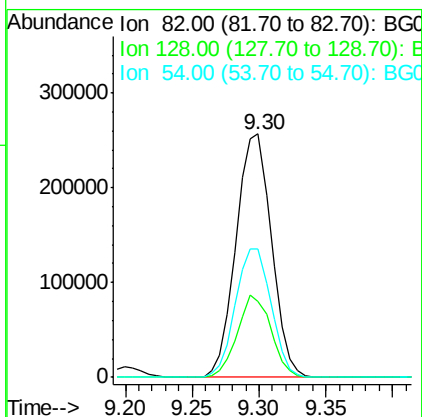
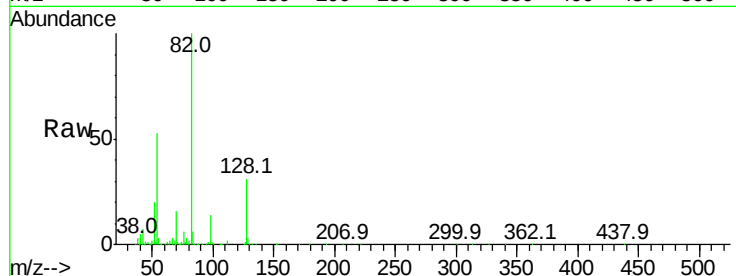




#23
 Nitrobenzene-d5
 Concen: 112.53 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. 0.03 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

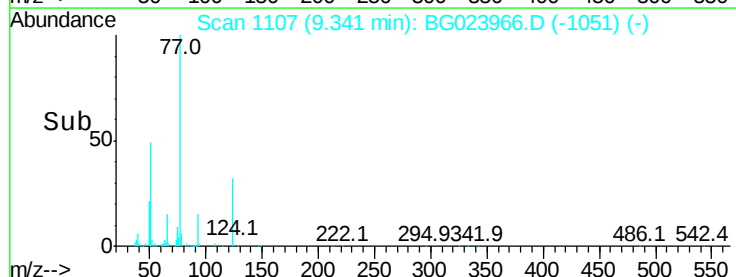
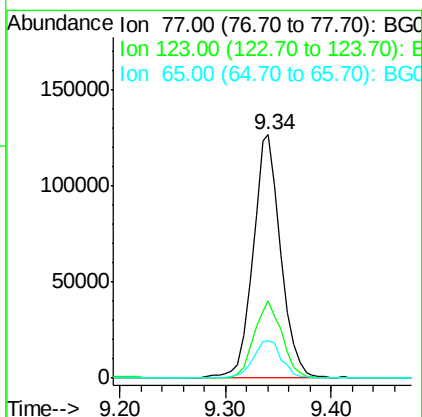
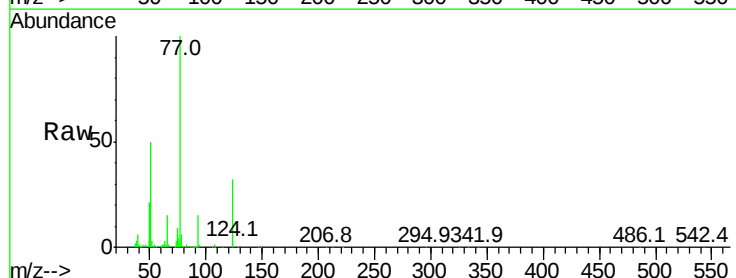
Instrument :
 BNA_G
 ClientSampleId :

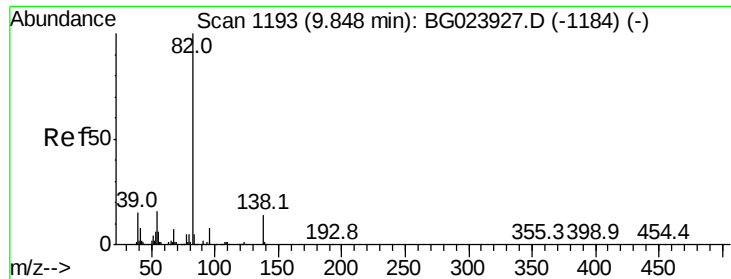
Tot Ion: 82 Resp: 472047
 Ion Ratio Lower Upper
 82 100
 128 31.1 24.4 36.6
 54 52.7 41.4 62.0



#24
 Nitrobenzene
 Concen: 51.13 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. 0.03 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Tgt Ion: 77 Resp: 230630
 Ion Ratio Lower Upper
 77 100
 123 31.9 25.0 37.6
 65 15.4 13.4 20.0





#25

Isophorone

Concen: 49.64 ng

RT: 9.86 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampled :

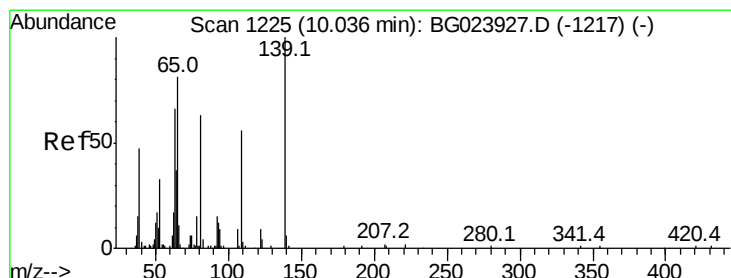
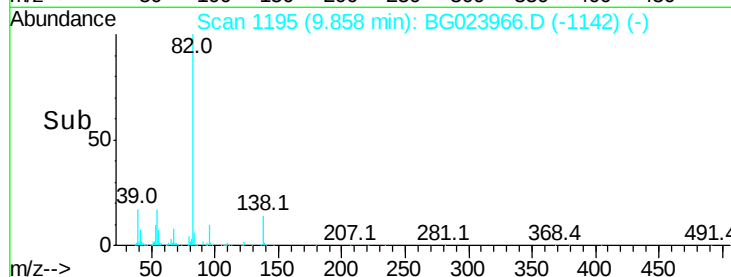
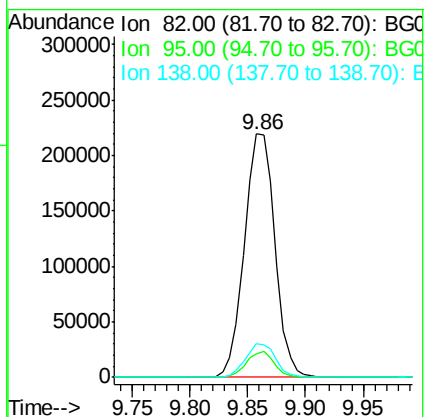
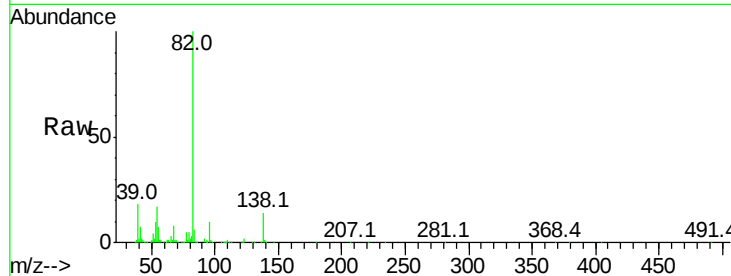
Tot Ion: 82 Resp: 403824

Ion Ratio Lower Upper

82 100

95 9.8 8.2 12.2

138 14.1 10.7 16.1



#26

2-Nitrophenol

Concen: 50.55 ng

RT: 10.06 min Scan# 1229

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

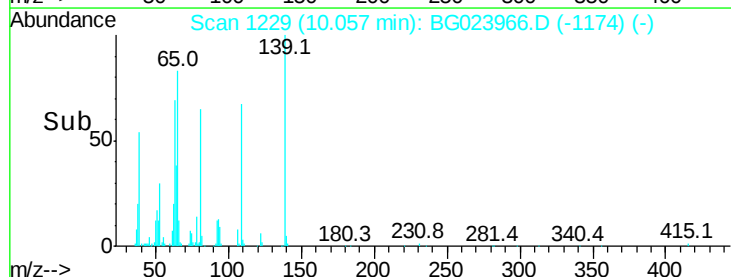
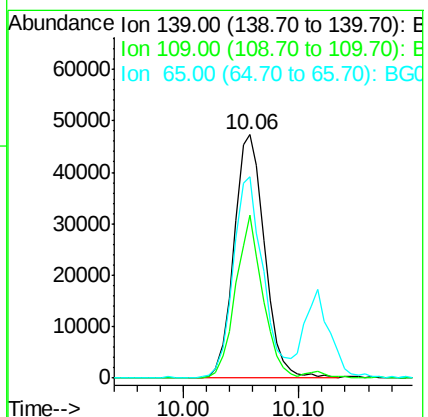
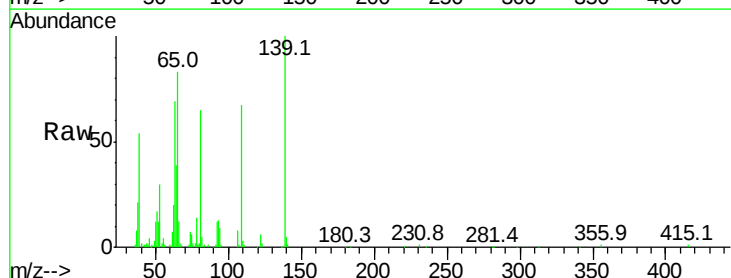
Tgt Ion: 139 Resp: 86683

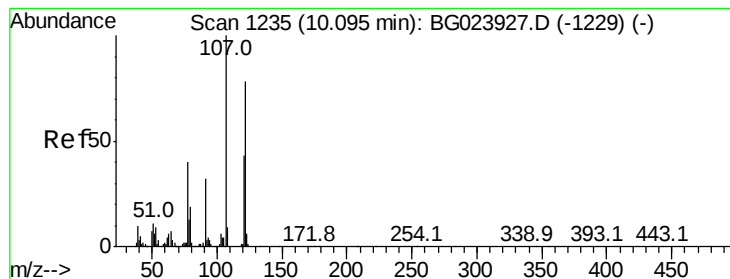
Ion Ratio Lower Upper

139 100

109 67.1 43.5 65.3#

65 82.8 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 51.68 ng

RT: 10.12 min Scan# 1239

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

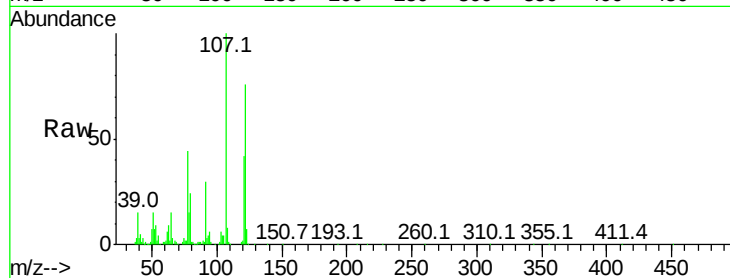
Tot Ion:122 Resp: 150622

Ion Ratio Lower Upper

122 100

107 131.7 117.0 175.4

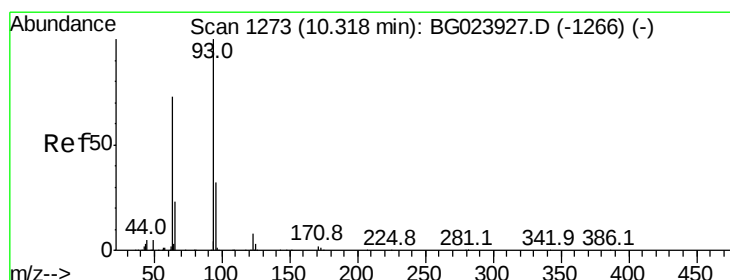
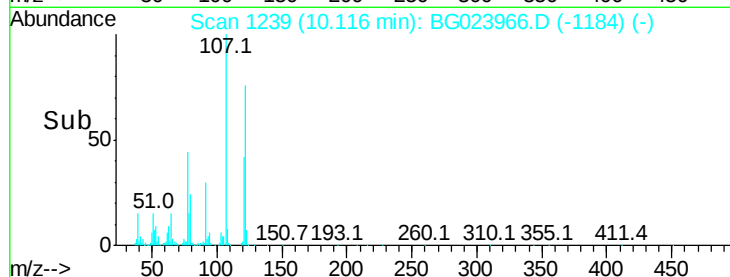
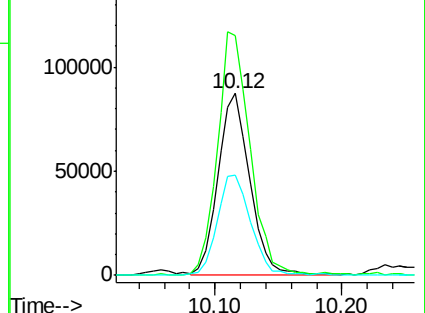
121 55.4 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.48 ng

RT: 10.34 min Scan# 1277

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

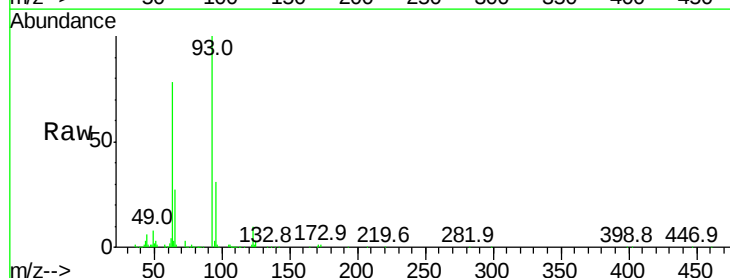
Tgt Ion: 93 Resp: 211469

Ion Ratio Lower Upper

93 100

95 31.4 25.4 38.2

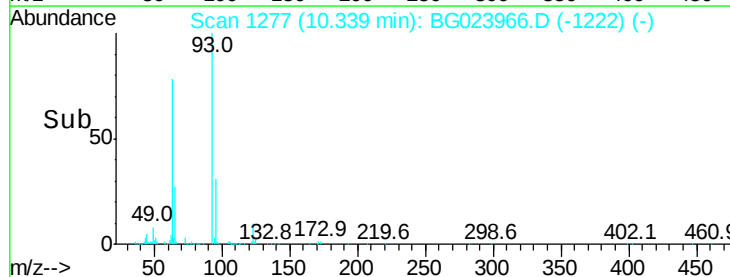
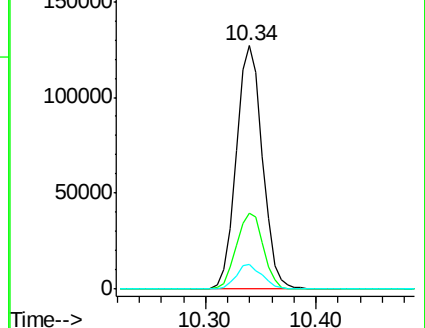
123 10.2 8.2 12.2

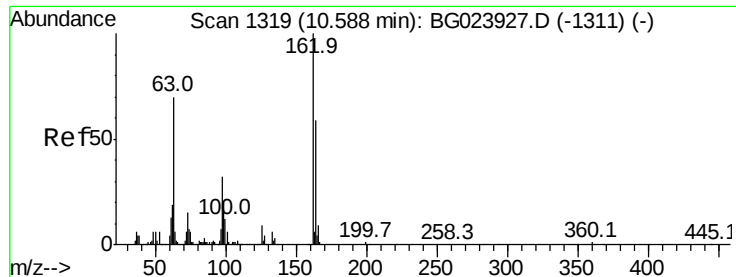


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 55.49 ng

RT: 10.60 min Scan# 1322

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

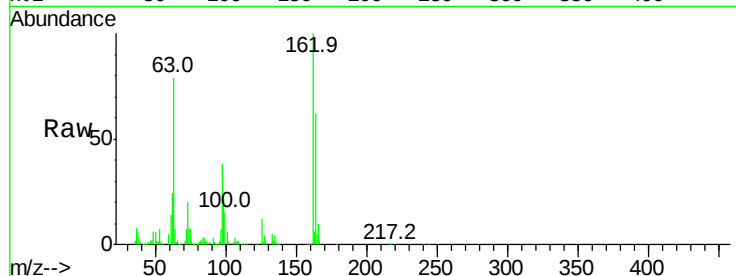
Tot Ion:162 Resp: 171354

Ion Ratio Lower Upper

162 100

164 62.0 44.3 84.3

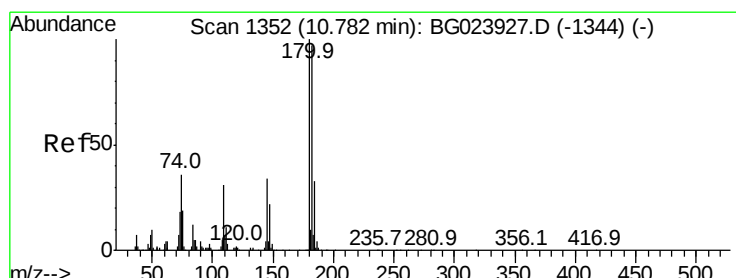
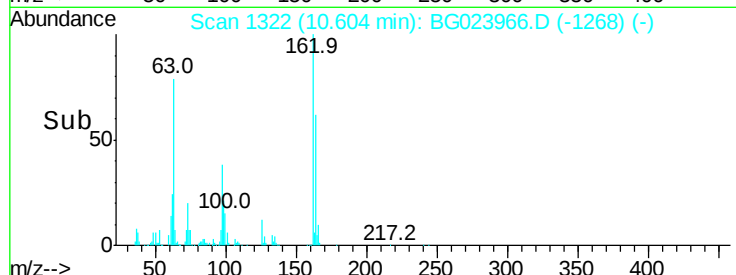
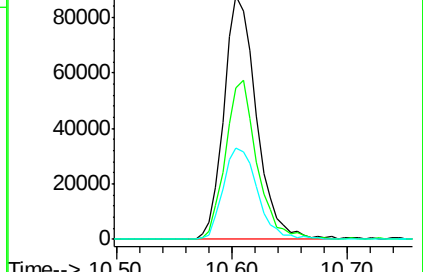
98 37.5 19.5 59.5



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 48.10 ng

RT: 10.80 min Scan# 1356

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

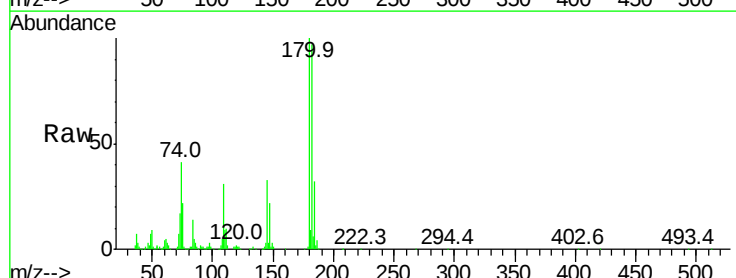
Tgt Ion:180 Resp: 162893

Ion Ratio Lower Upper

180 100

182 96.9 73.8 110.8

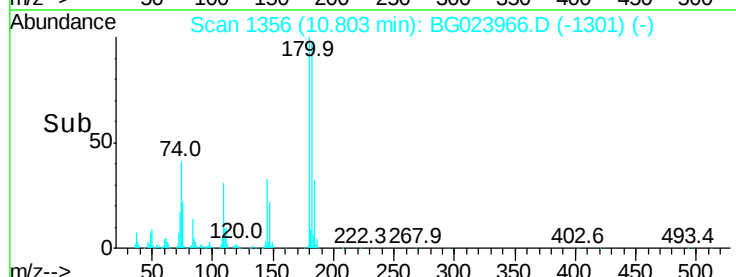
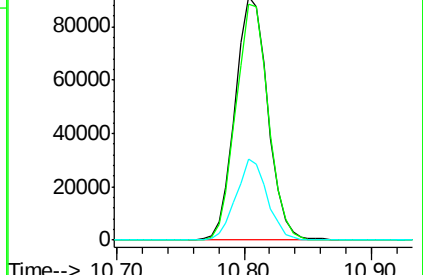
145 33.4 24.4 36.6

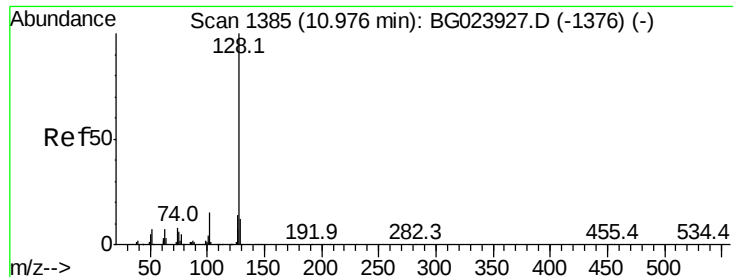


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

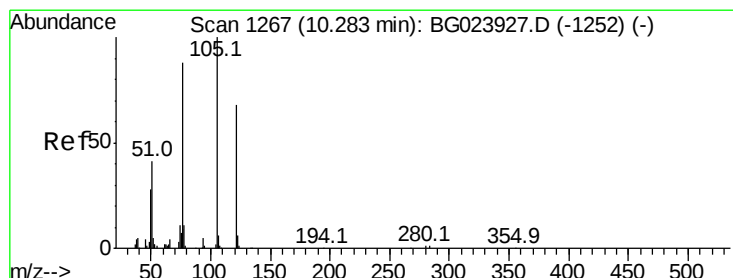
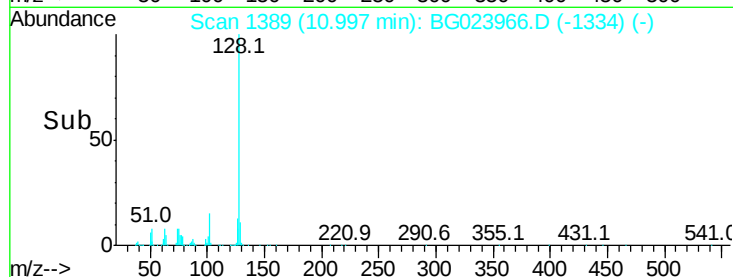
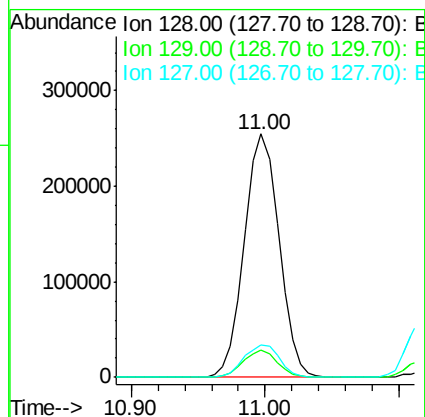
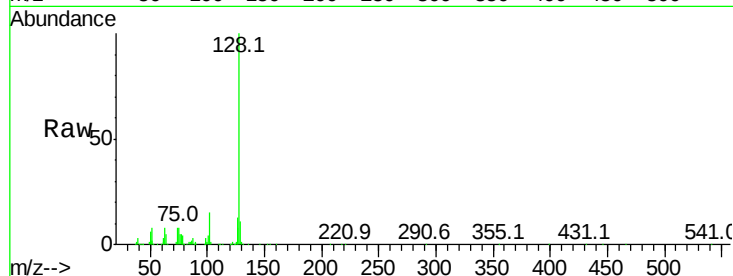




#31
Naphthalene
Concen: 47.64 ng
RT: 11.00 min Scan# 1389
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

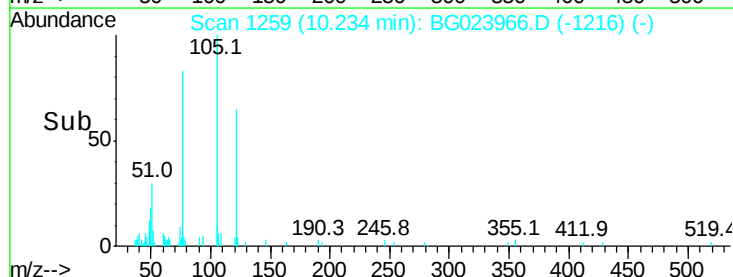
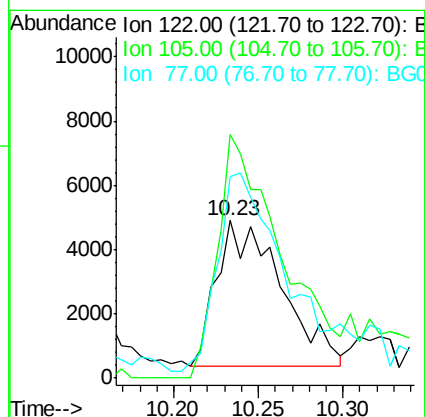
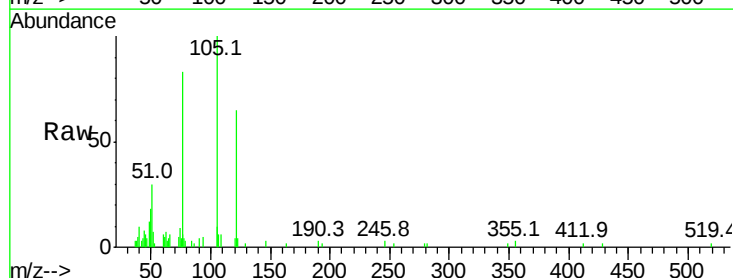
Instrument :
BNA_G
ClientSampleId :

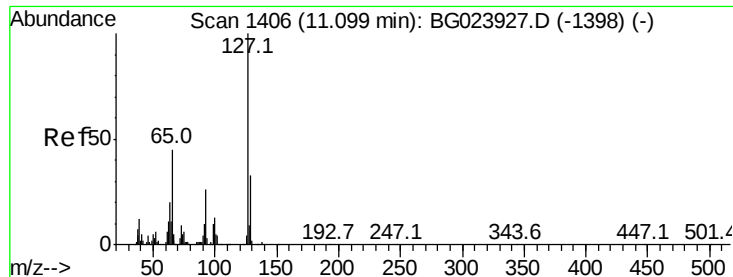
Tot Ion:128 Resp: 459708
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.1 11.3 16.9



#32
Benzoic acid
Concen: 5.09 ng
RT: 10.23 min Scan# 1259
Delta R.T. -0.05 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:122 Resp: 12037
Ion Ratio Lower Upper
122 100
105 154.7 117.2 157.2
77 127.8 109.2 149.2

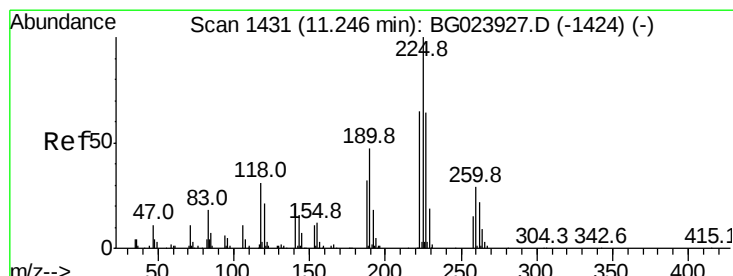
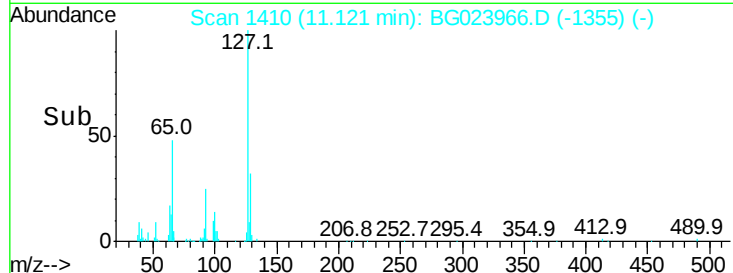
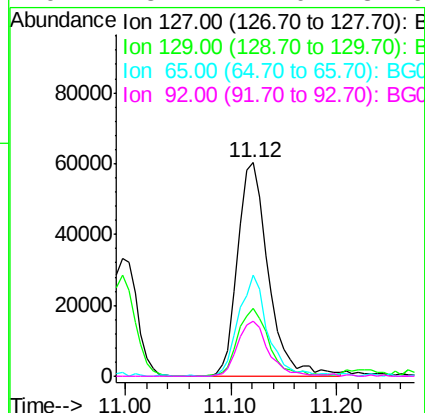
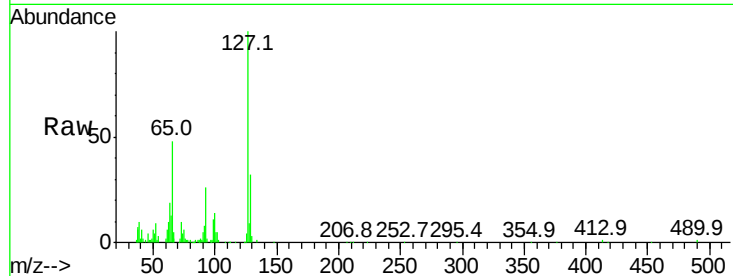




#33
4-Chloroaniline
Concen: 30.19 ng
RT: 11.12 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

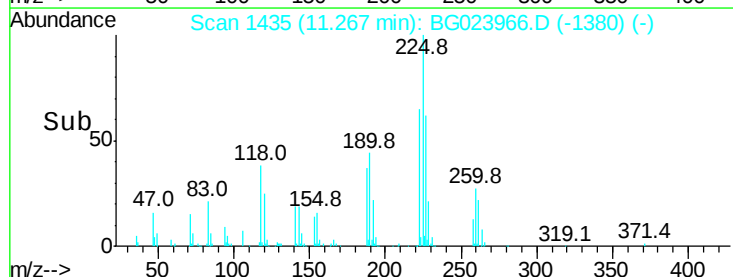
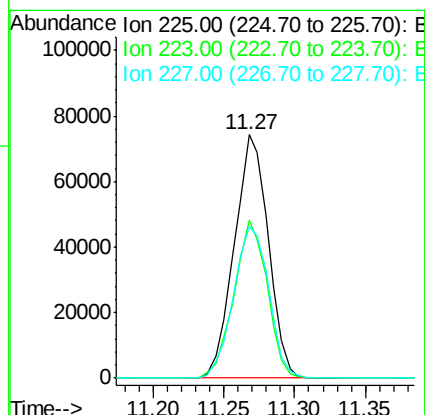
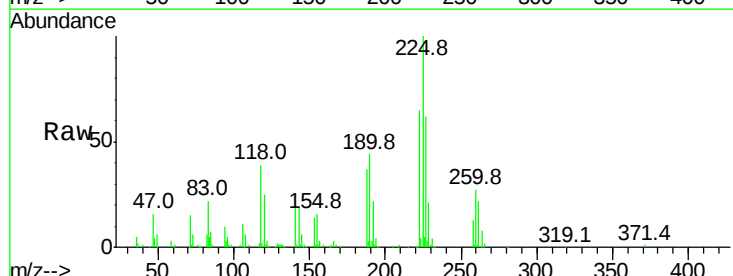
Instrument :
BNA_G
ClientSampleId :

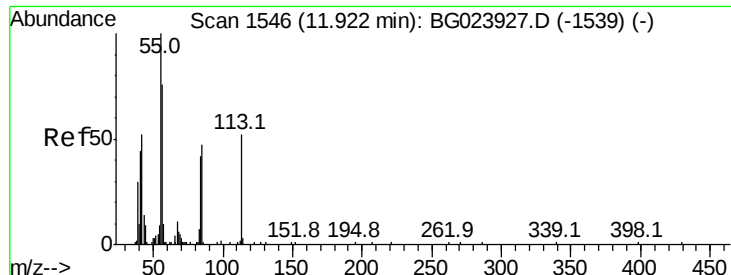
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.9	41.9
65	47.5	36.8	55.2
92	25.7	21.0	31.6



#34
Hexachlorobutadiene
Concen: 48.95 ng
RT: 11.27 min Scan# 1435
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.6	74.4
227	62.3	54.5	81.7





#35

Caprolactam

Concen: 55.12 ng

RT: 11.91 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

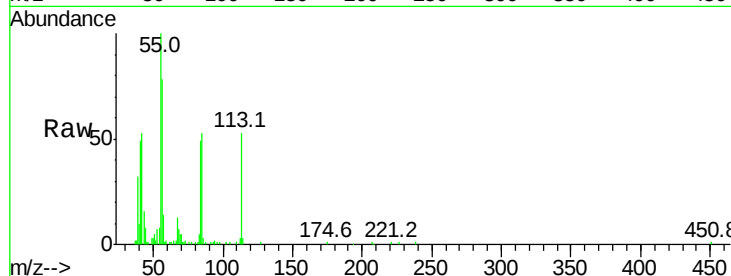
Tot Ion:113 Resp: 59983

Ion Ratio Lower Upper

113 100

55 189.5 154.5 194.5

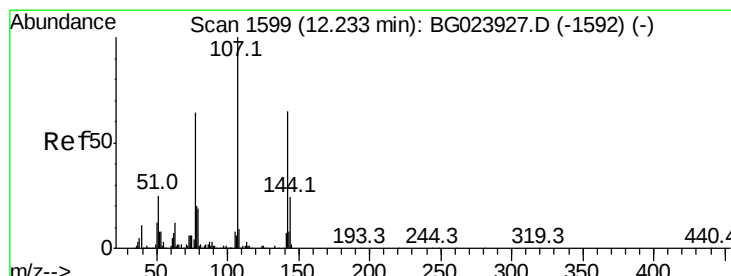
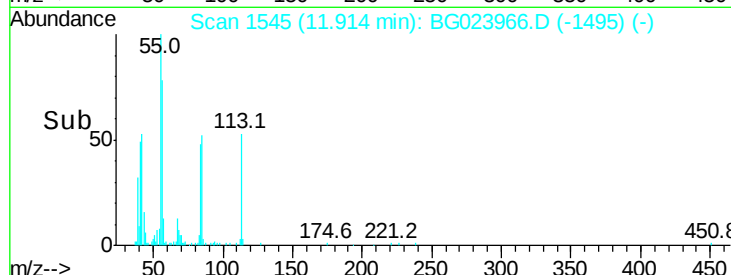
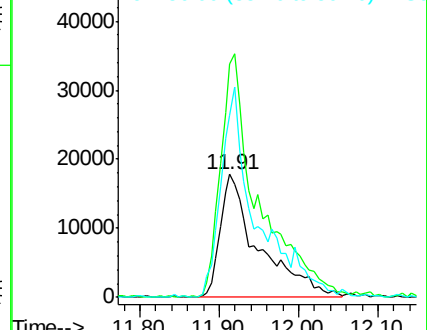
56 148.2 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.21 ng

RT: 12.25 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

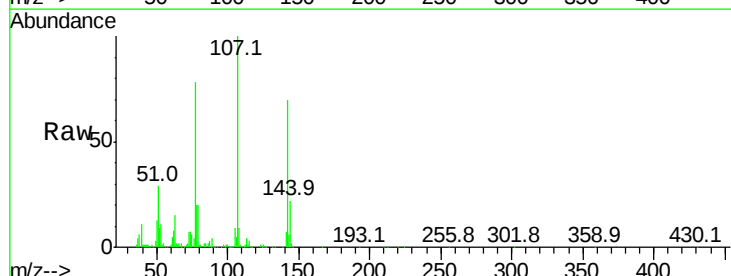
Tgt Ion:107 Resp: 223652

Ion Ratio Lower Upper

107 100

144 22.4 17.0 25.6

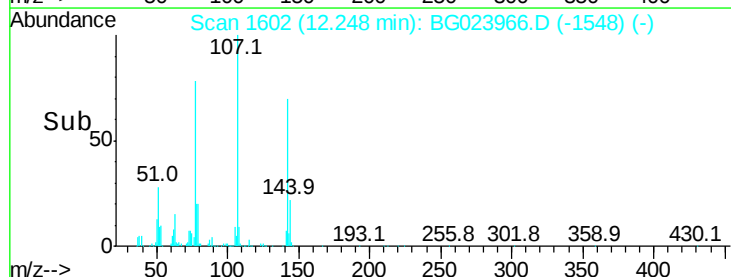
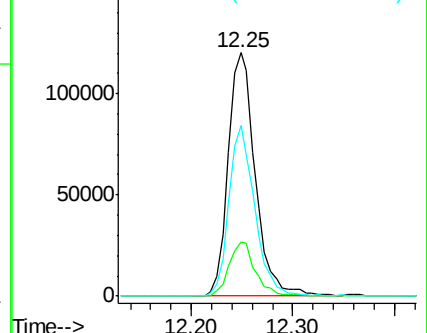
142 69.9 53.0 79.6

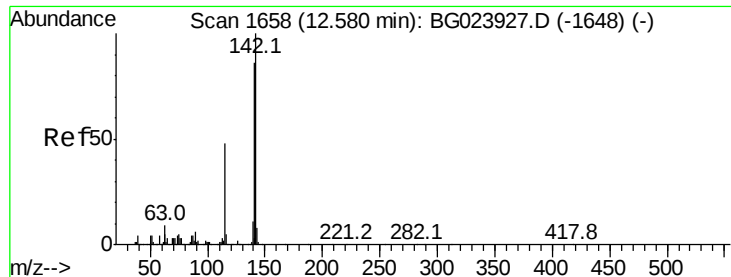


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

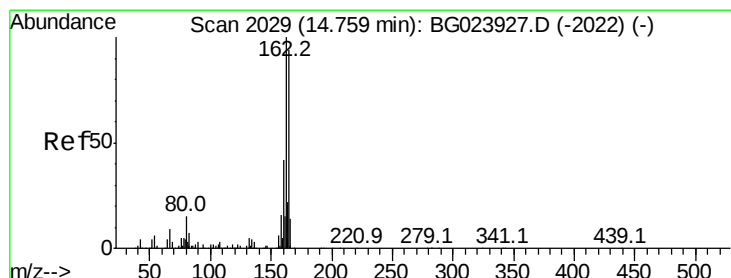
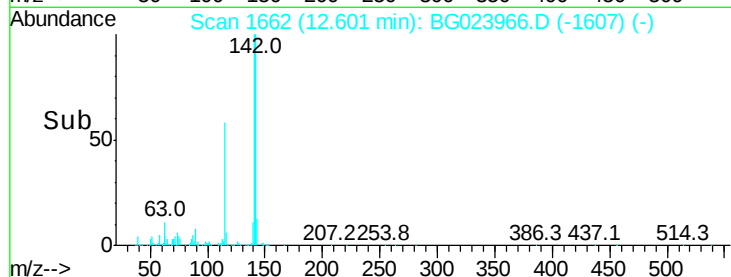
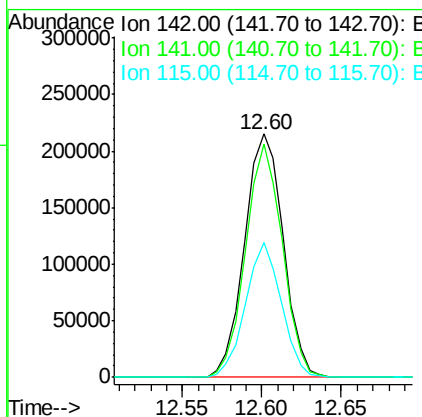
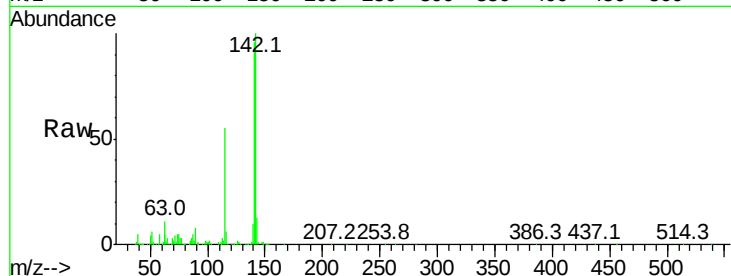




#37
2-Methylnaphthalene
Concen: 49.70 ng
RT: 12.60 min Scan# 1662
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

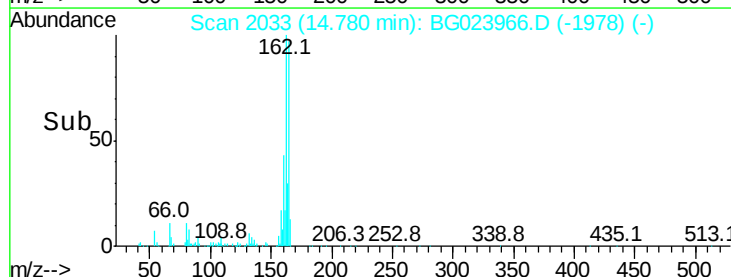
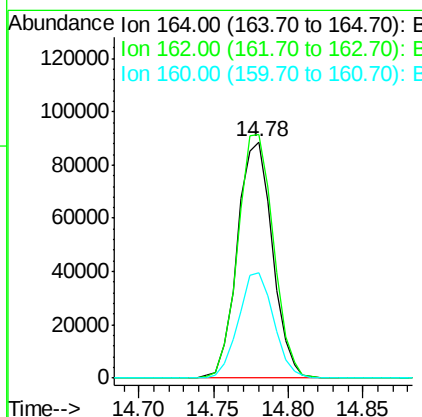
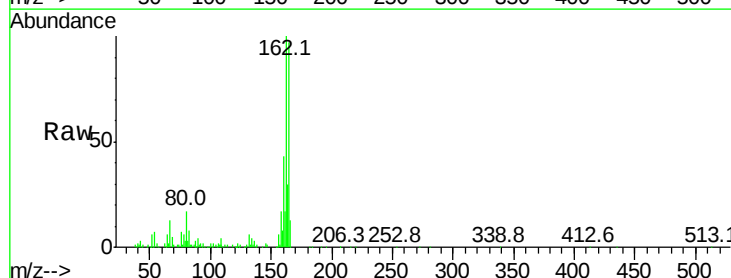
Instrument :
BNA_G
ClientSampleId :

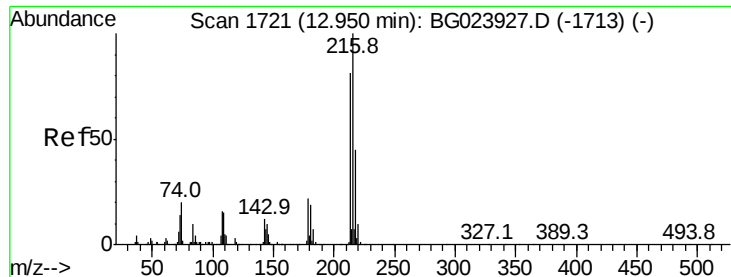
Tot Ion:142 Resp: 364819
Ion Ratio Lower Upper
142 100
141 95.6 70.2 105.2
115 55.5 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:164 Resp: 144651
Ion Ratio Lower Upper
164 100
162 103.2 87.7 131.5
160 44.9 37.2 55.8

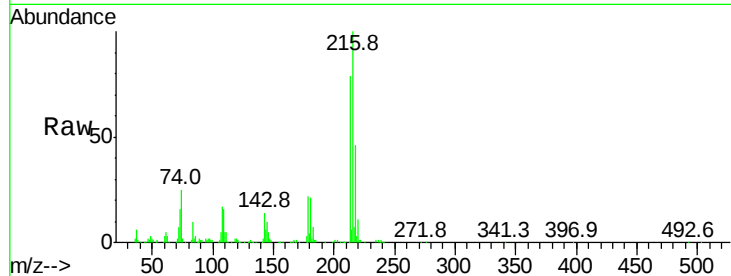




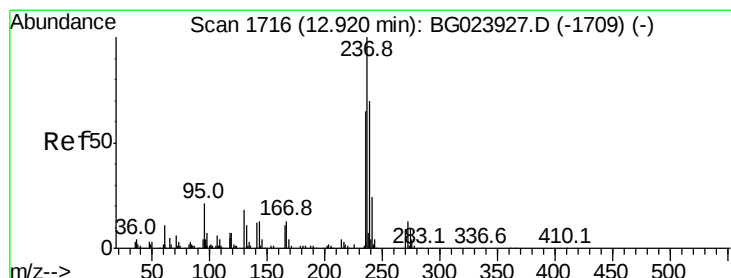
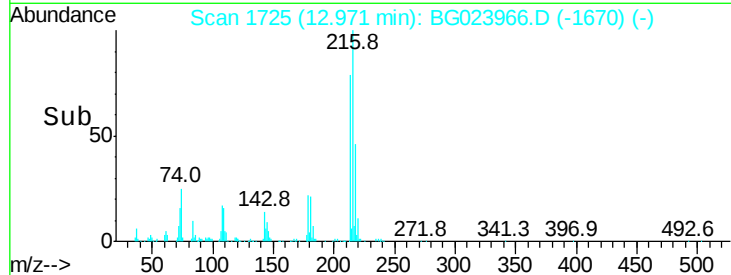
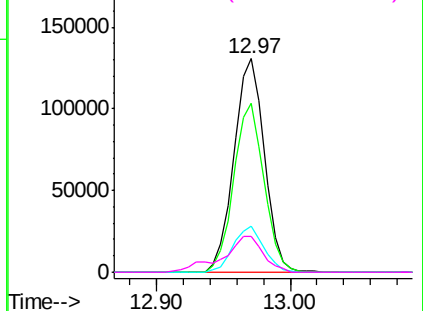
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.11 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	206995
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.9	94.3
179	21.6	17.2	25.8
108	22.5	16.3	24.5

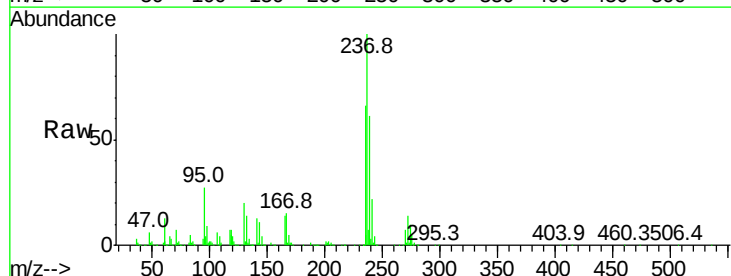


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

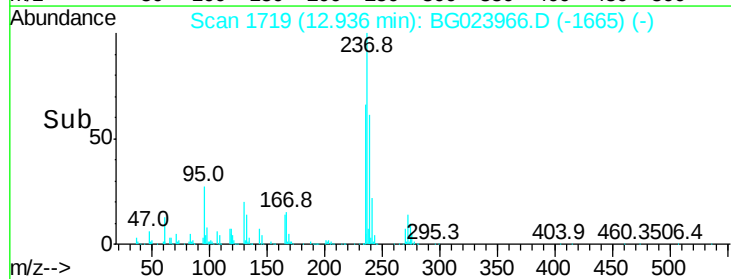
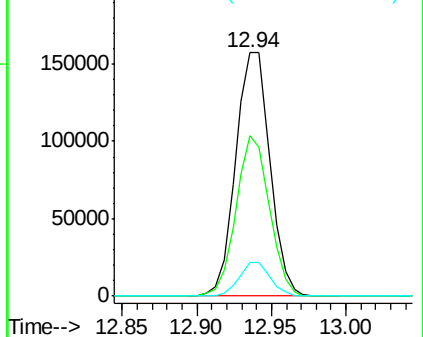


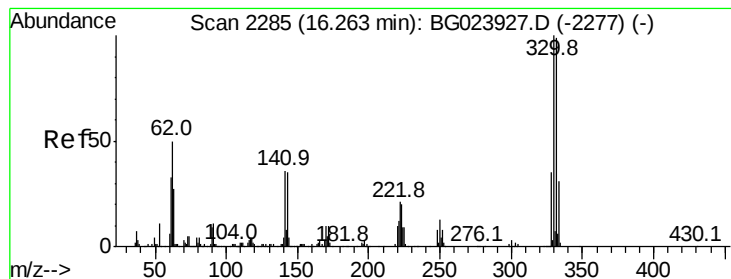
#40
 Hexachlorocyclopentadiene
 Concen: 86.19 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Tgt Ion:	237	Resp:	251085
Ion	Ratio	Lower	Upper
237	100		
235	66.0	43.1	83.1
272	13.8	0.0	30.9



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: 153.97 ng

RT: 16.28 min Scan# 2288

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

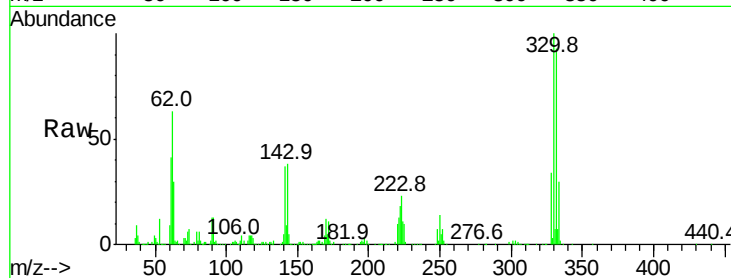
Tot Ion:330 Resp: 401270

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	39.2	31.7	47.5

330 100

332 96.0 77.4 116.2

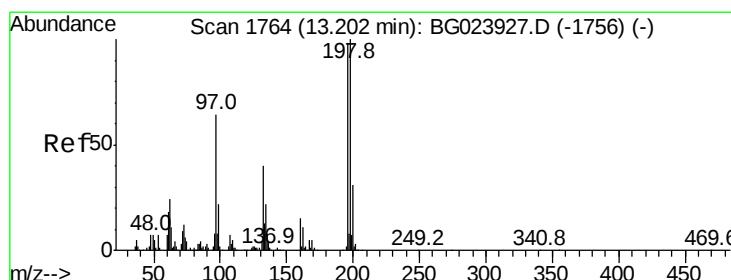
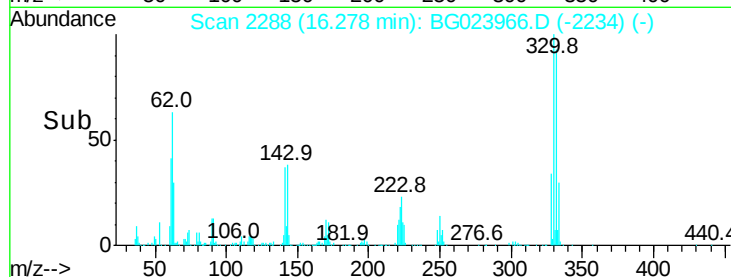
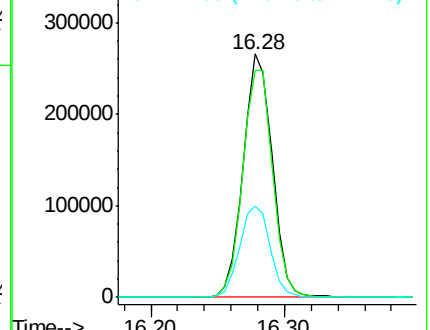
141 39.2 31.7 47.5



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: 49.14 ng

RT: 13.22 min Scan# 1767

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

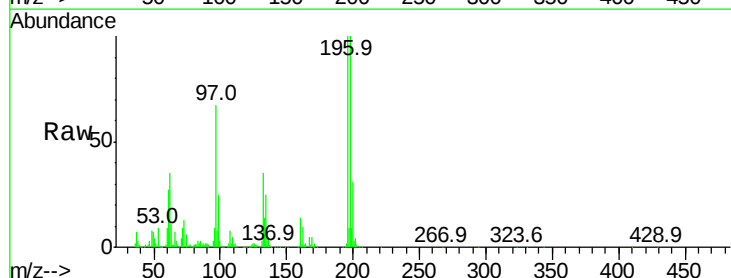
Tgt Ion:196 Resp: 157453

Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.2	117.2
200	30.7	27.0	40.4

196 100

198 100.4 78.2 117.2

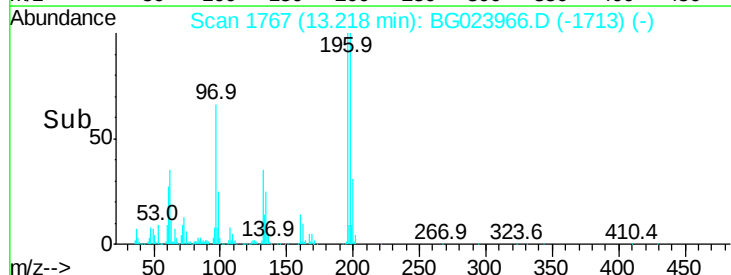
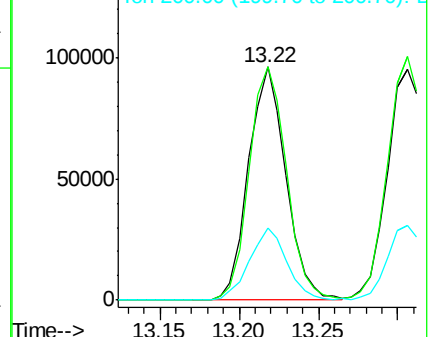
200 30.7 27.0 40.4

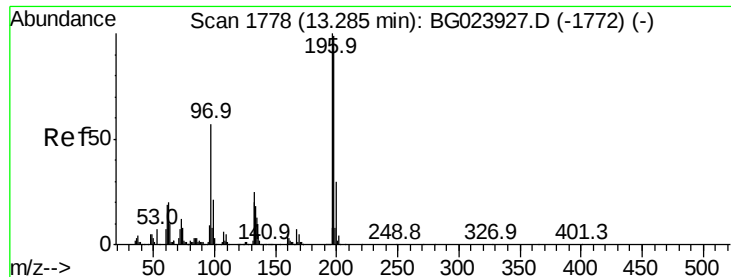


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

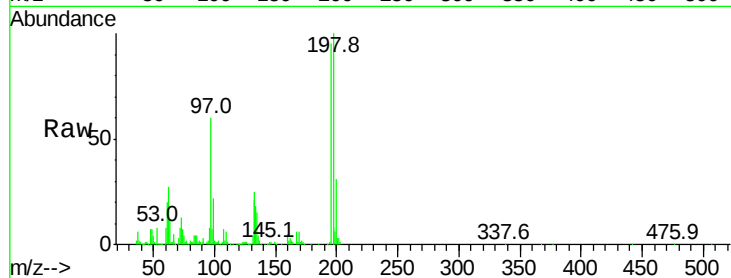




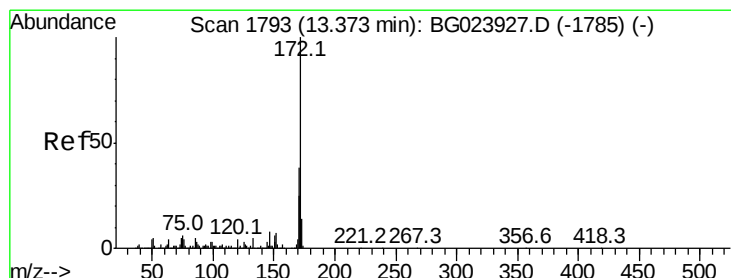
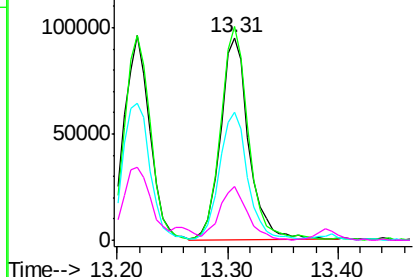
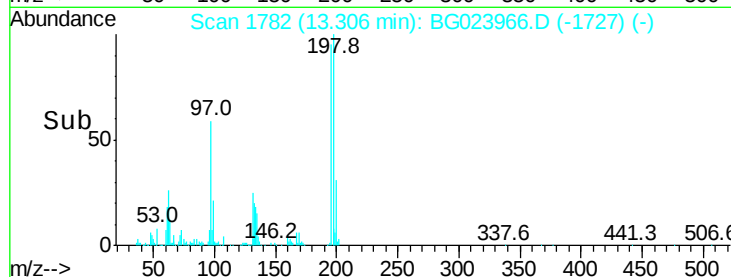
#43
2,4,5-Trichlorophenol
Concen: 52.07 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 168662
Ion Ratio Lower Upper
196 100
198 105.6 85.7 128.5
97 63.6 45.5 68.3
132 26.4 18.9 28.3

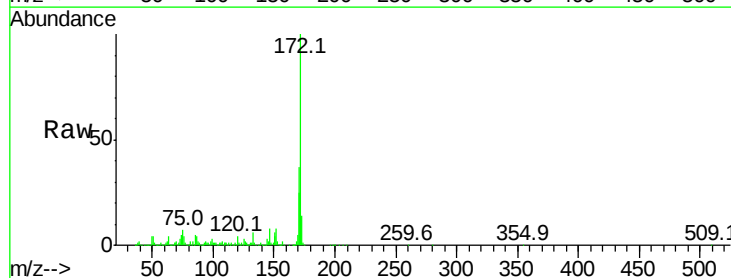


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

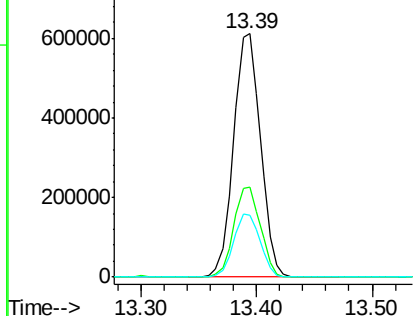
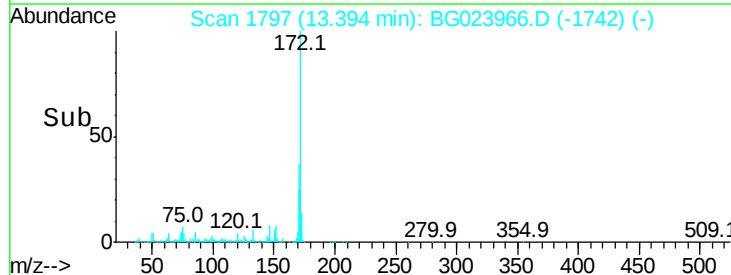


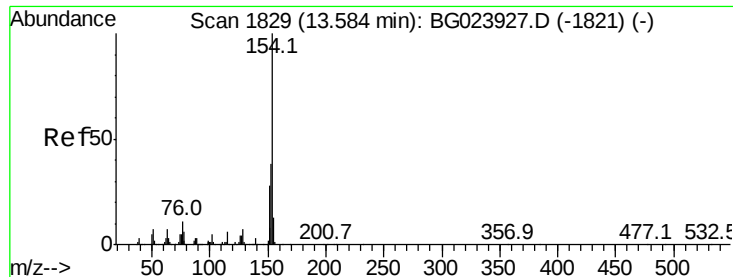
#44
2-Fluorobiphenyl
Concen: 97.53 ng
RT: 13.39 min Scan# 1797
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:172 Resp: 984044
Ion Ratio Lower Upper
172 100
171 37.2 31.6 47.4
170 25.3 21.3 31.9



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: 41.46 ng

RT: 13.61 min Scan# 1833

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

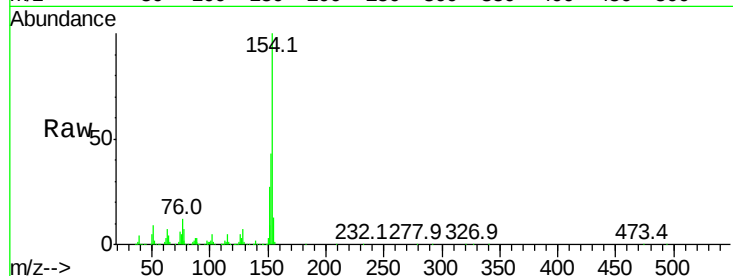
Tot Ion:154 Resp: 482387

Ion Ratio Lower Upper

154 100

153 42.7 20.2 60.2

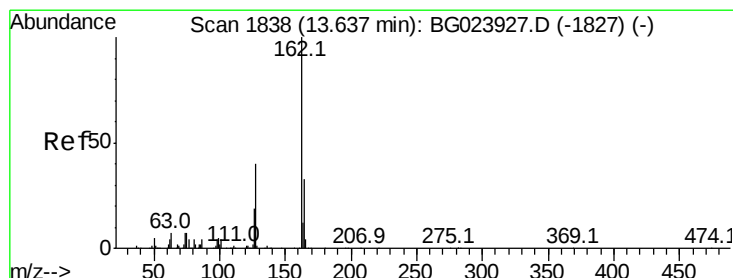
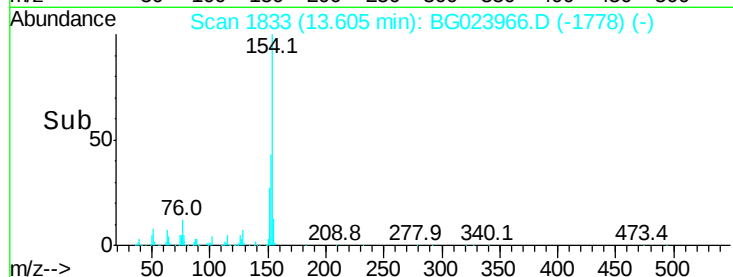
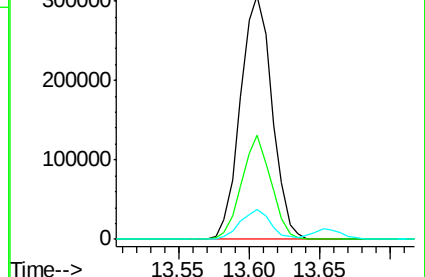
76 12.4 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 48.43 ng

RT: 13.65 min Scan# 1841

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

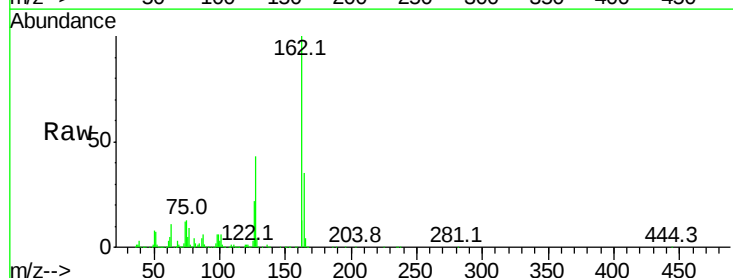
Tgt Ion:162 Resp: 413690

Ion Ratio Lower Upper

162 100

127 43.5 32.4 48.6

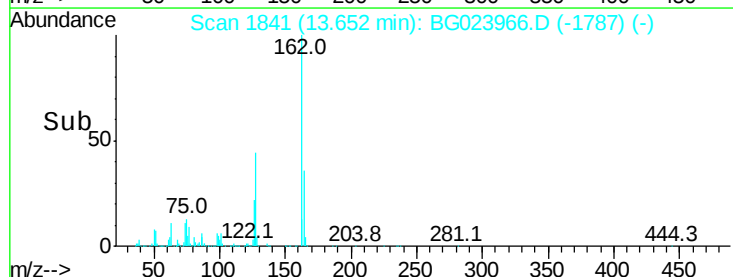
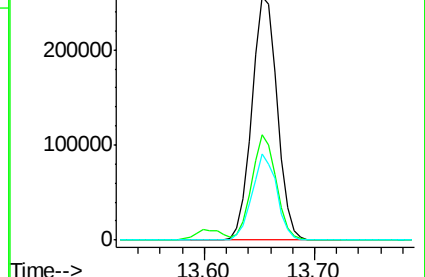
164 35.5 25.2 37.8

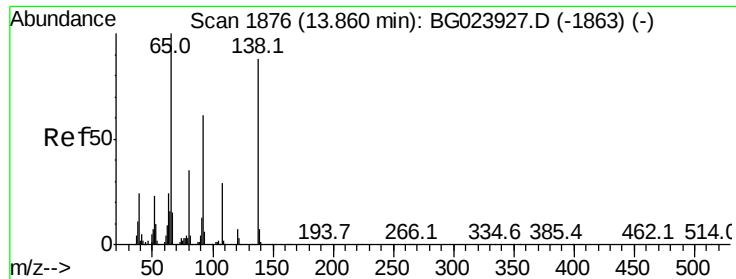


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

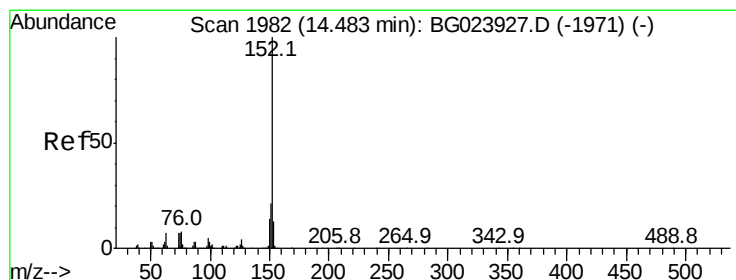
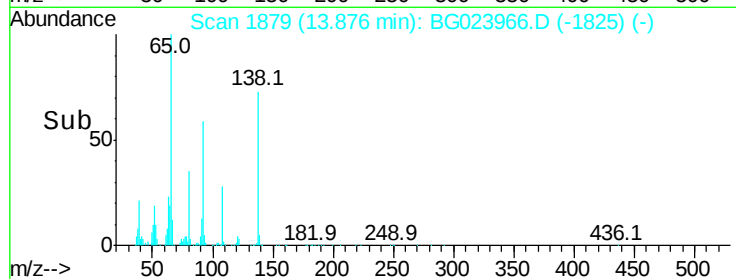
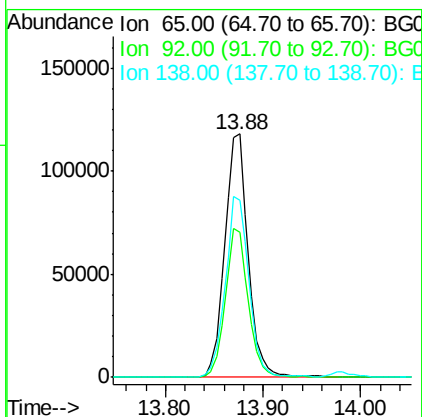
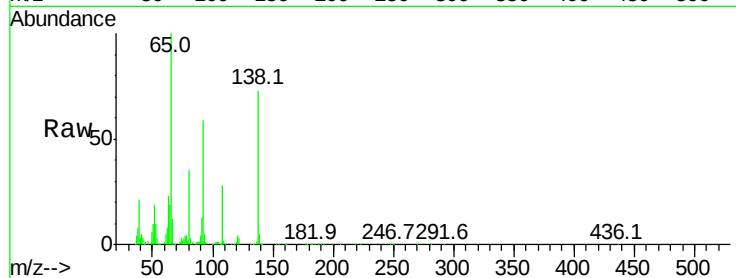




#47
2-Nitroaniline
Concen: 58.34 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

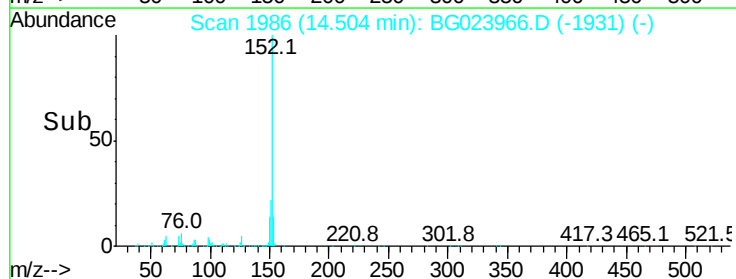
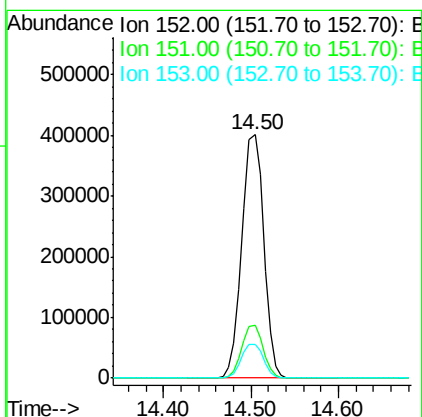
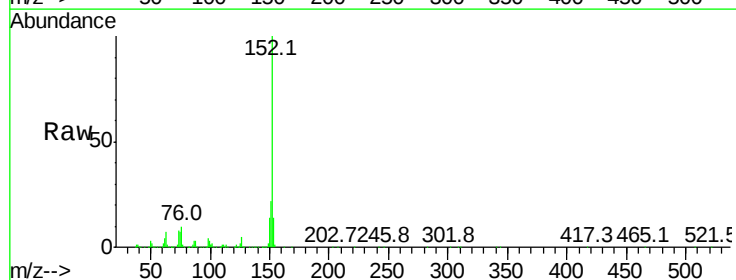
Instrument :
BNA_G
ClientSampleId :

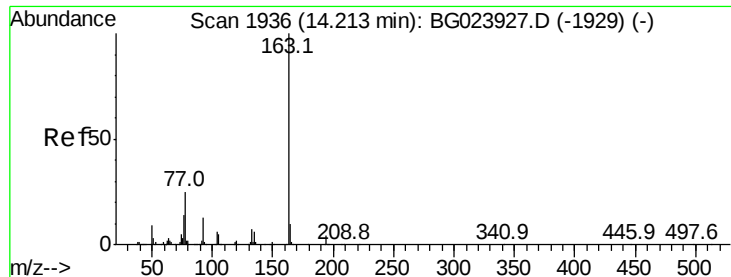
Tot Ion: 65 Resp: 196285
Ion Ratio Lower Upper
65 100
92 59.4 49.4 74.0
138 72.6 58.0 87.0



#48
Acenaphthylene
Concen: 47.36 ng
RT: 14.50 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion: 152 Resp: 674244
Ion Ratio Lower Upper
152 100
151 21.5 17.6 26.4
153 13.8 11.4 17.2





#49

Dimethylphthalate

Concen: 85.06 ng

RT: 14.23 min Scan# 1939

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

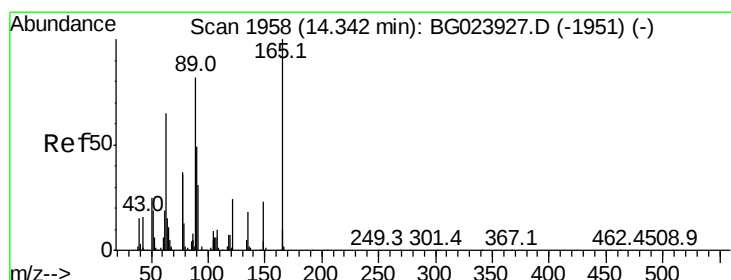
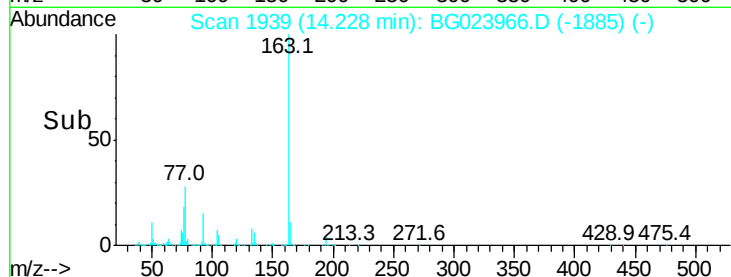
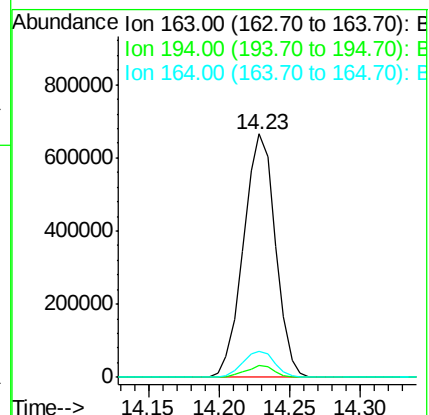
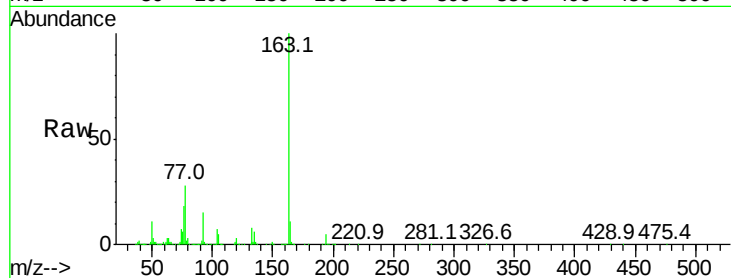
Tot Ion:163 Resp: 1055068

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

164 10.8 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 49.91 ng

RT: 14.36 min Scan# 1961

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

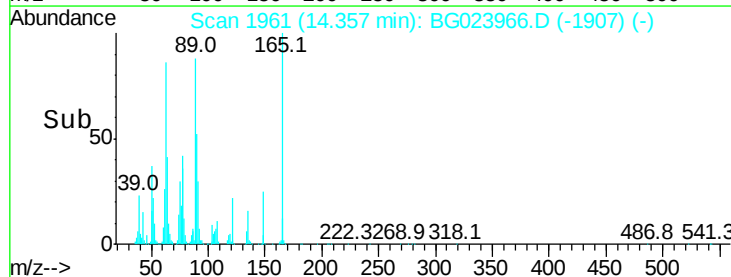
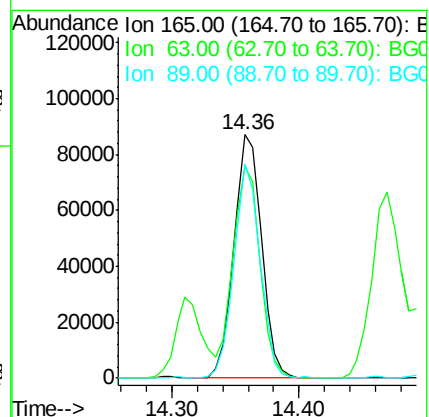
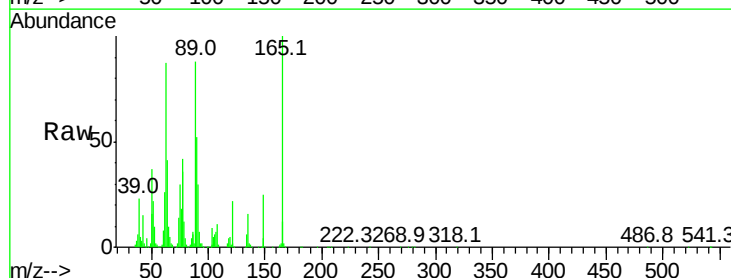
Tgt Ion:165 Resp: 130676

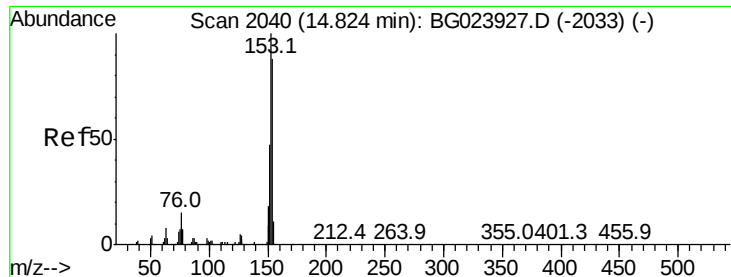
Ion Ratio Lower Upper

165 100

63 86.7 64.3 96.5

89 88.1 64.3 96.5





#51

Acenaphthene

Concen: 48.59 ng

RT: 14.84 min Scan# 2044

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

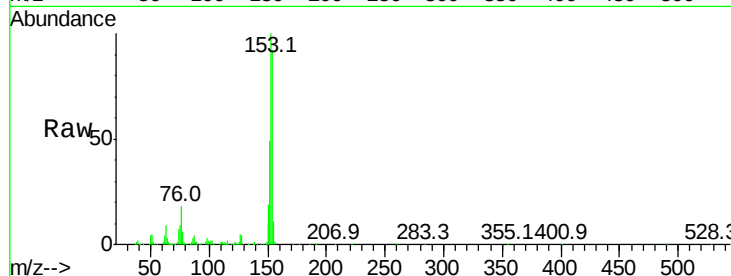
Tot Ion:154 Resp: 427715

Ion Ratio Lower Upper

154 100

153 108.5 87.5 131.3

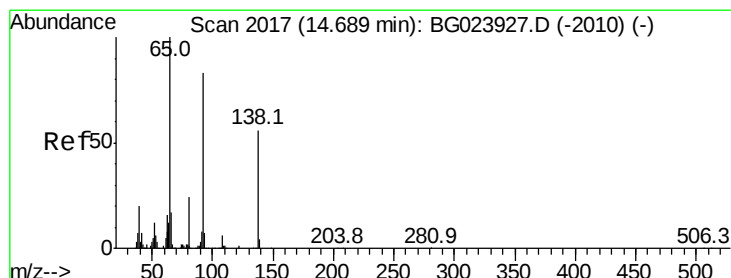
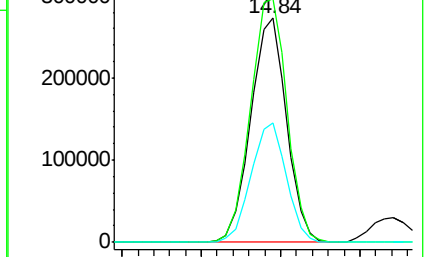
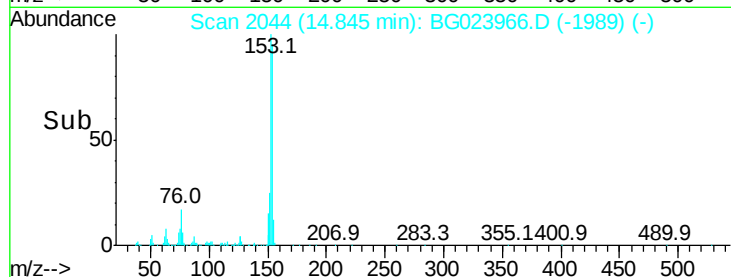
152 53.0 42.7 64.1



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: 44.33 ng

RT: 14.70 min Scan# 2020

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

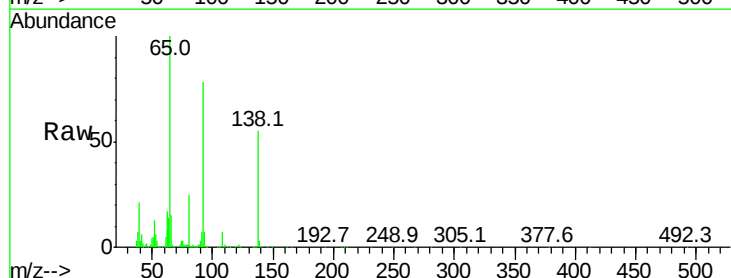
Tgt Ion:138 Resp: 108573

Ion Ratio Lower Upper

138 100

108 13.4 11.7 17.5

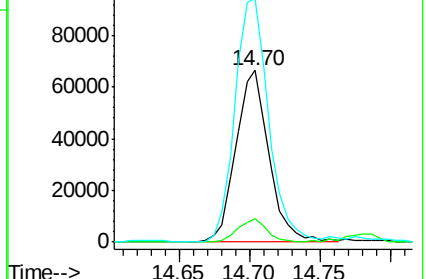
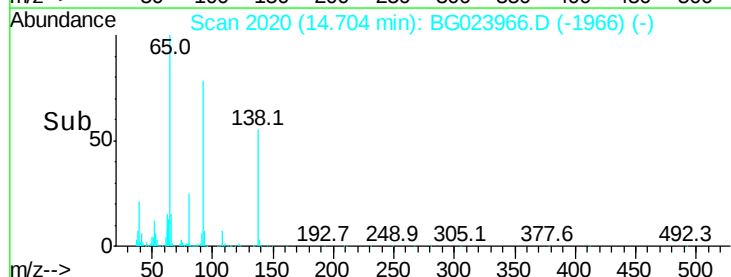
92 141.8 129.7 194.5

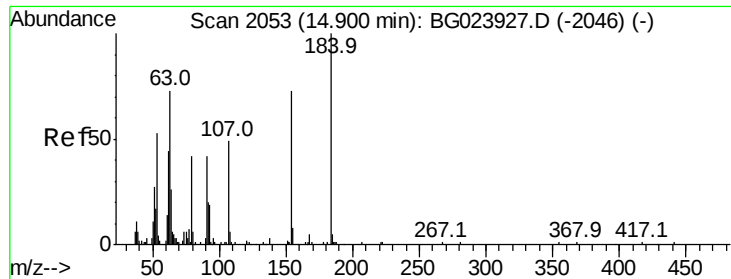


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

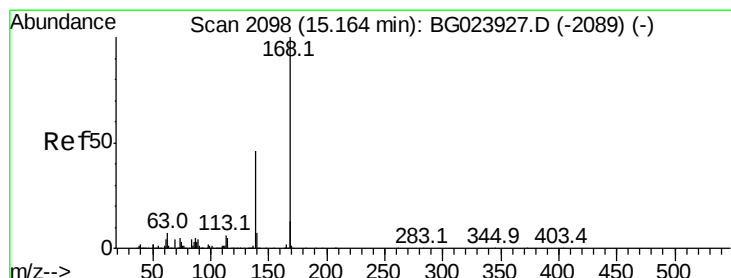
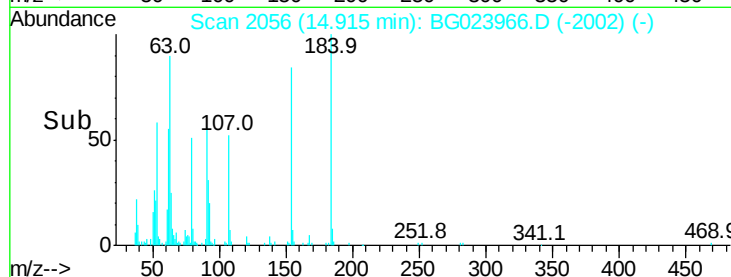
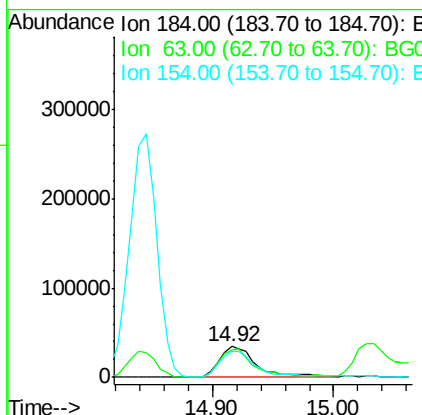
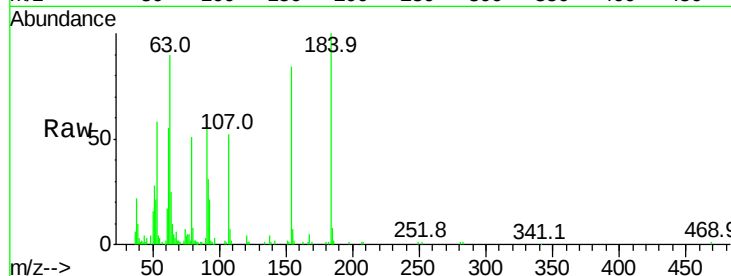




#53
2,4-Dinitrophenol
Concen: 41.21 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

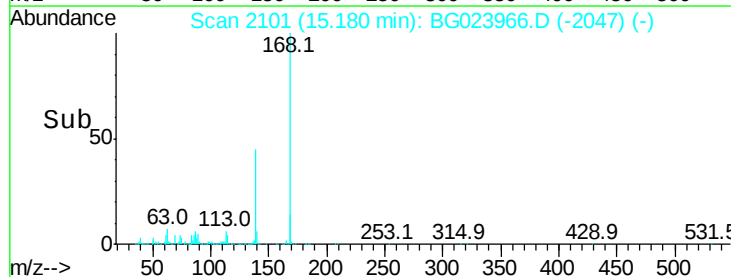
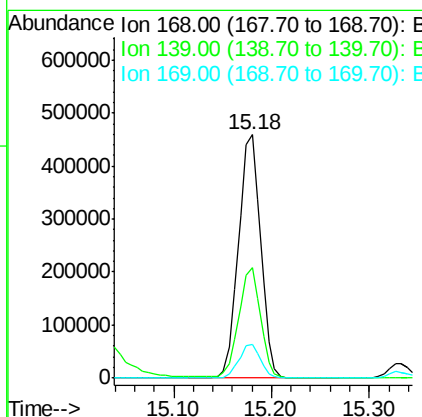
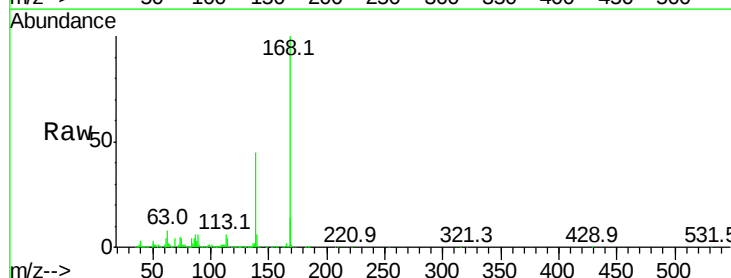
Instrument :
BNA_G
ClientSampleId :

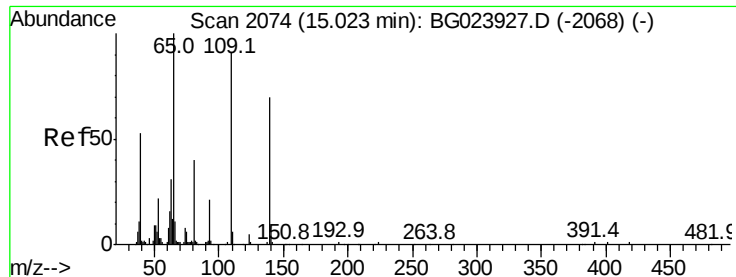
Tot Ion:184 Resp: 72308
Ion Ratio Lower Upper
184 100
63 89.9 59.6 89.4#
154 84.2 67.4 101.0



#54
Dibenzofuran
Concen: 52.84 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:168 Resp: 725949
Ion Ratio Lower Upper
168 100
139 45.2 36.4 54.6
169 13.8 11.9 17.9

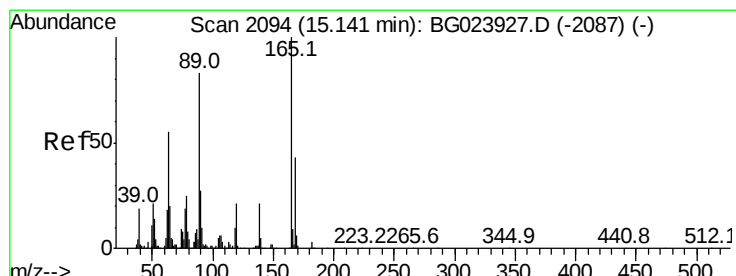
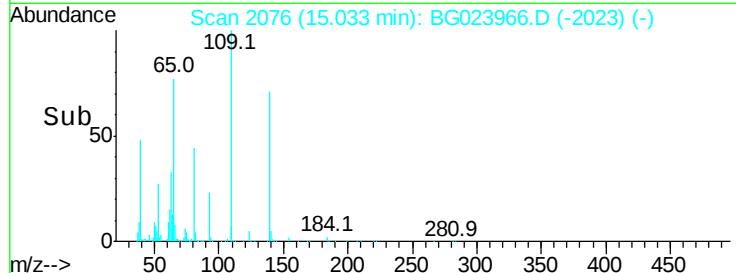
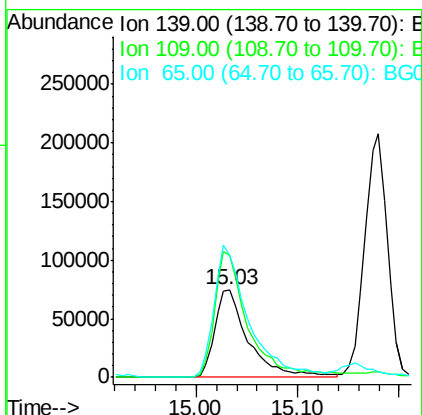
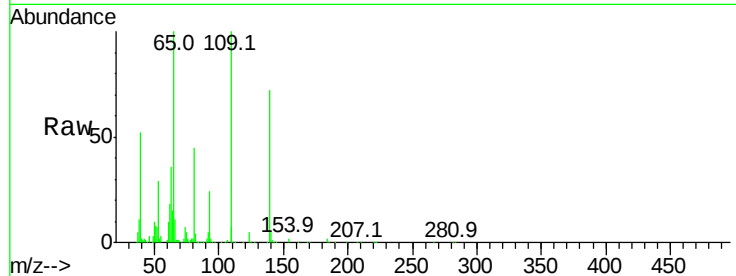




#55
4-Nitrophenol
Concen: 88.27 ng
RT: 15.03 min Scan# 2076
Delta R.T. 0.01 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

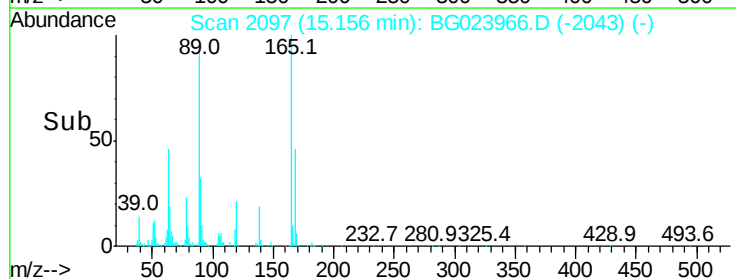
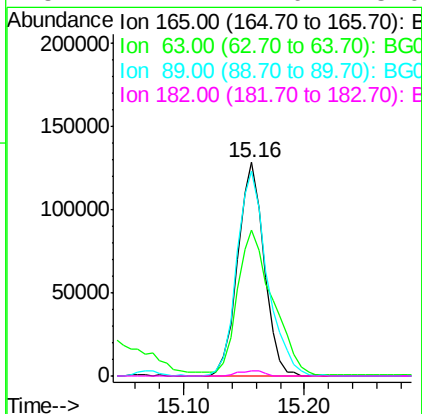
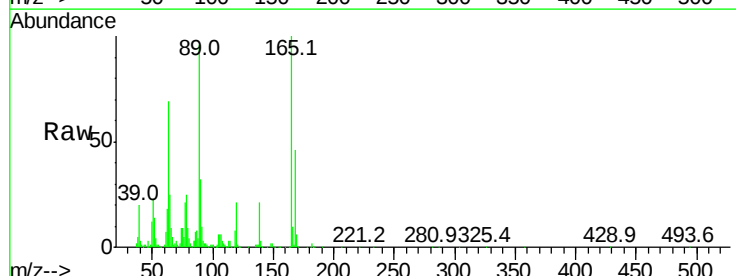
Instrument :
BNA_G
ClientSampleId :

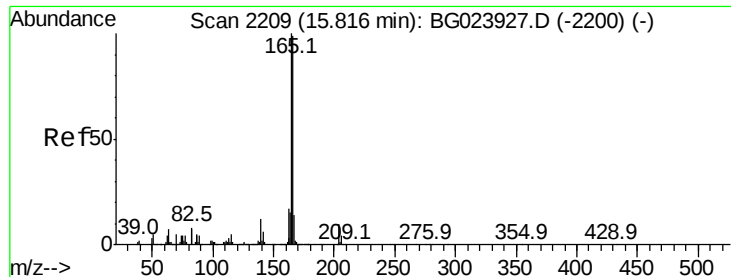
Tot Ion:139 Resp: 172003
Ion Ratio Lower Upper
139 100
109 139.3 103.0 143.0
65 139.0 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 50.87 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:165 Resp: 195771
Ion Ratio Lower Upper
165 100
63 68.5 45.8 68.6
89 96.0 68.6 102.8
182 2.7 2.0 3.0





#57

Fluorene

Concen: 50.06 ng

RT: 15.83 min Scan# 2212

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampled :

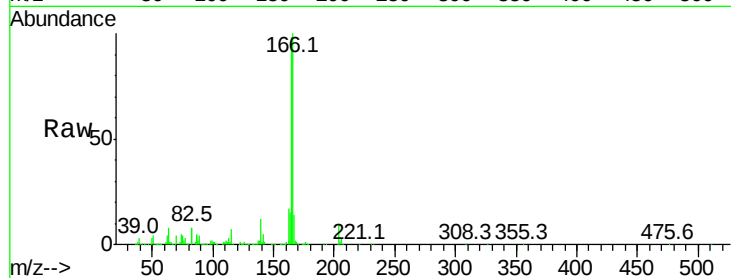
Tot Ion:166 Resp: 596442

Ion Ratio Lower Upper

166 100

165 97.9 81.0 121.6

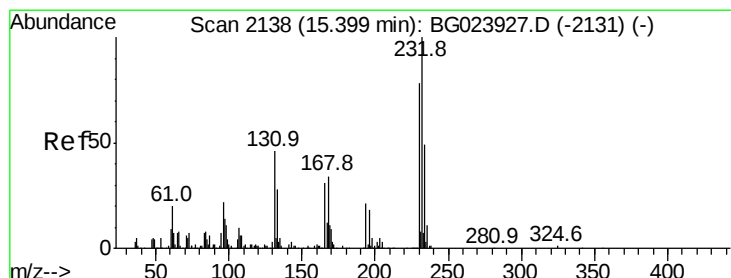
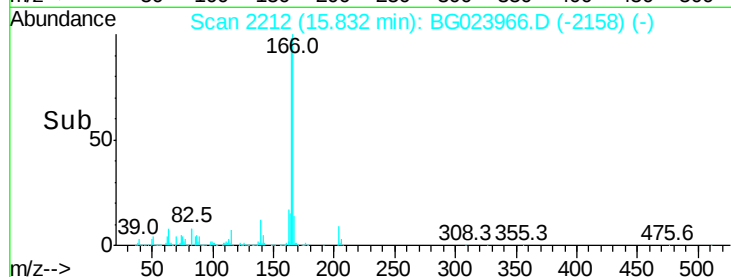
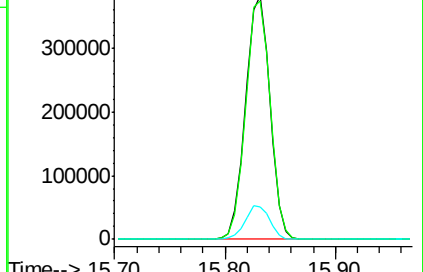
167 13.5 12.0 18.0



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: 54.25 ng

RT: 15.41 min Scan# 2141

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Tgt Ion:232 Resp: 178345

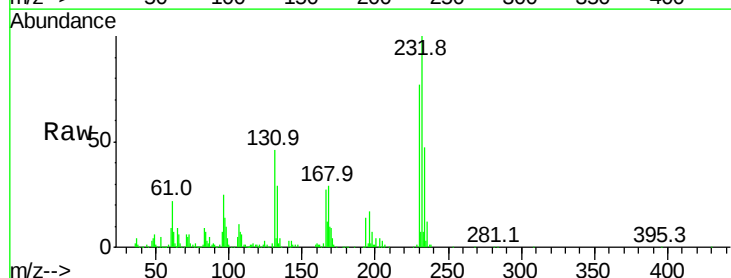
Ion Ratio Lower Upper

232 100

131 45.1 32.7 49.1

130 3.0 2.6 3.8

166 29.6 23.0 34.6

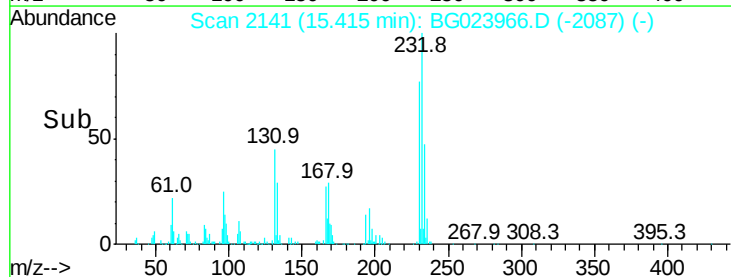
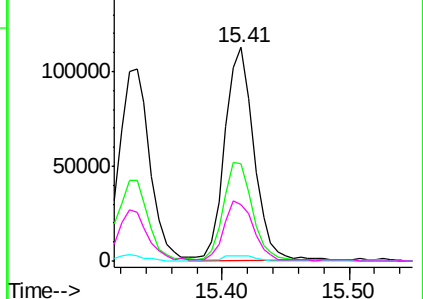


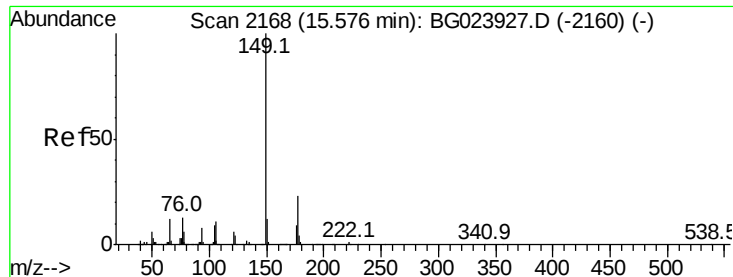
Abundance Ion 232.00 (231.70 to 232.70): E

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

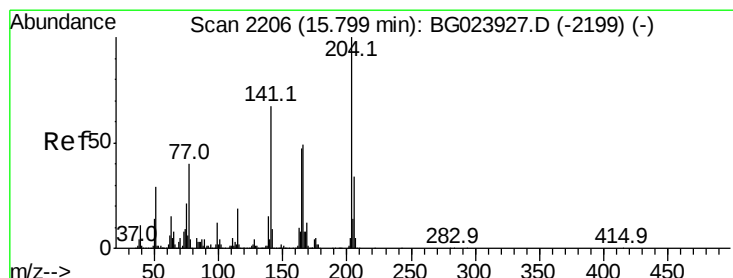
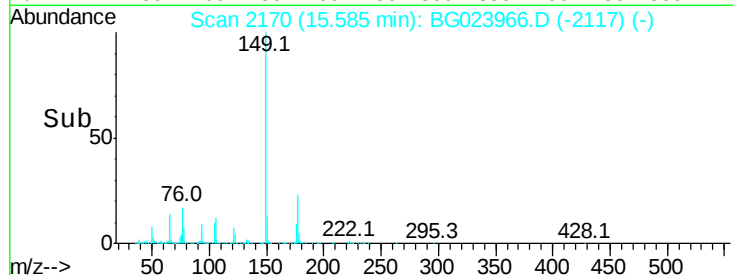
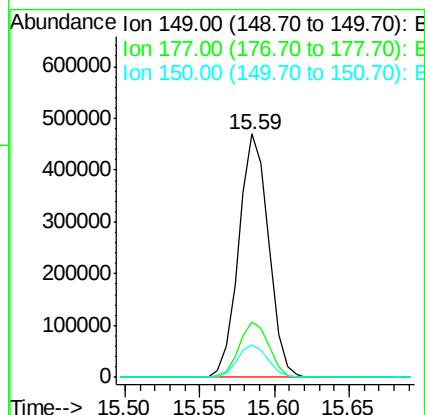
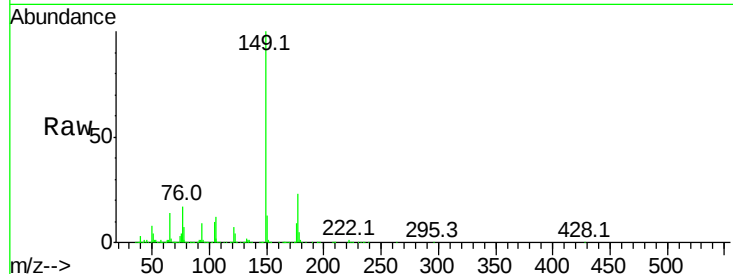




#59
Diethylphthalate
Concen: 49.11 ng
RT: 15.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

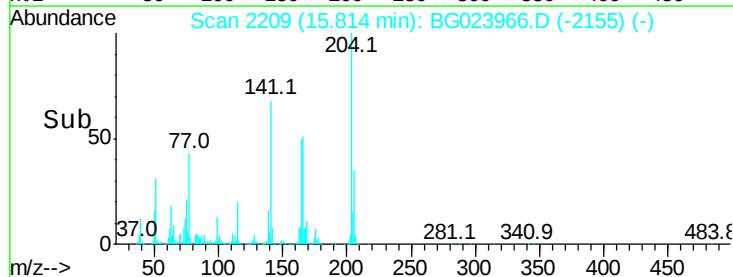
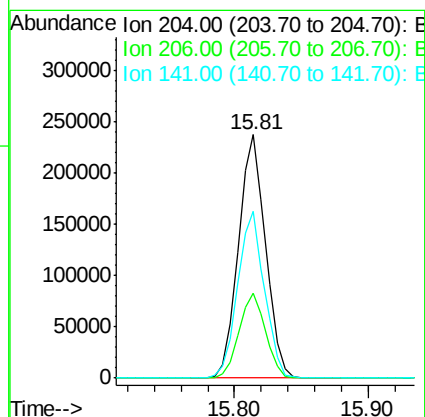
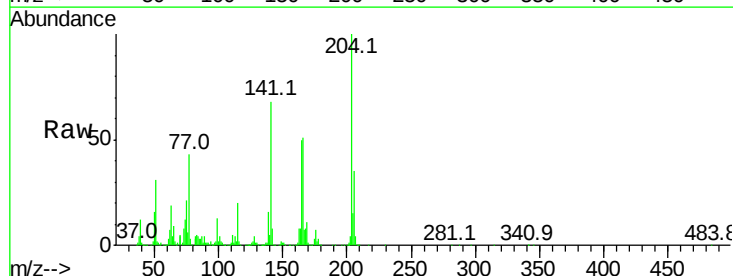
Instrument :
BNA_G
ClientSampleId :

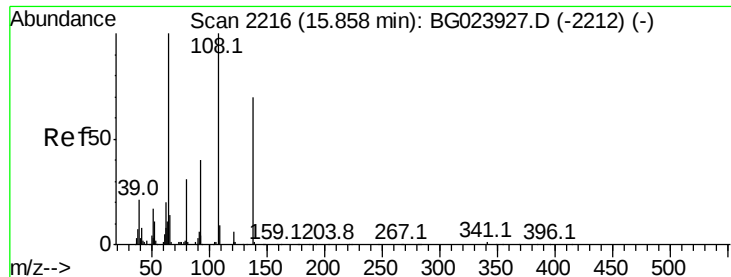
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.7	19.2	28.8
150	13.1	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 51.68 ng
RT: 15.81 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	68.3	51.4	77.0

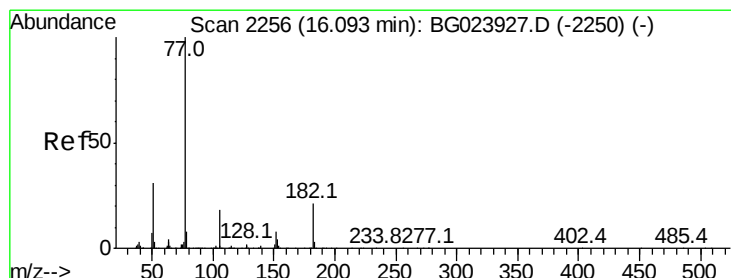
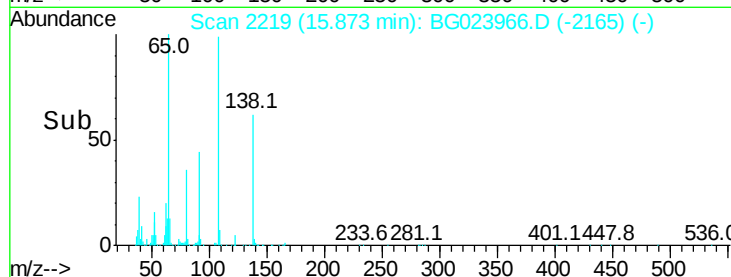
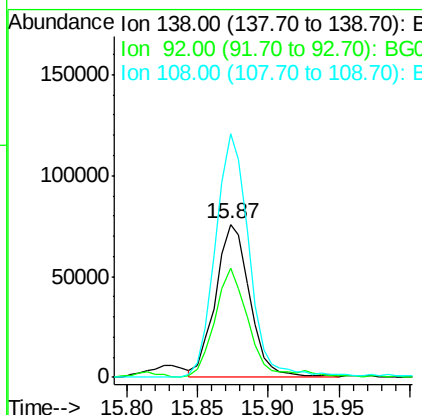
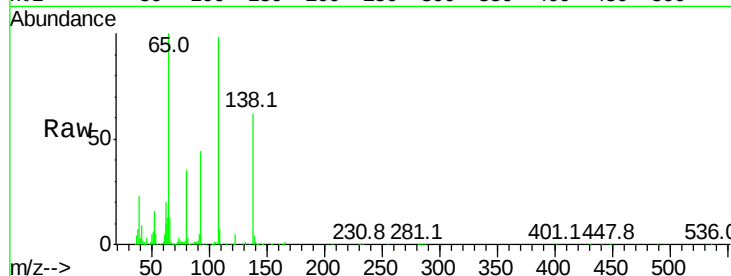




#61
4-Nitroaniline
Concen: 51.47 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

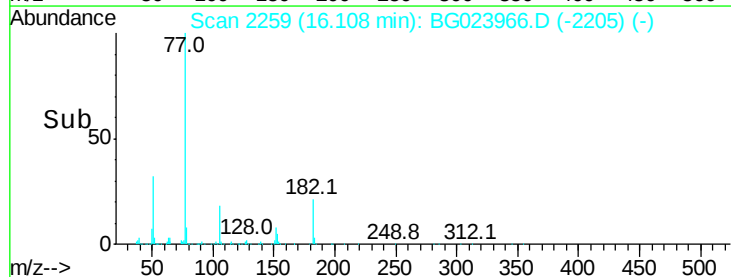
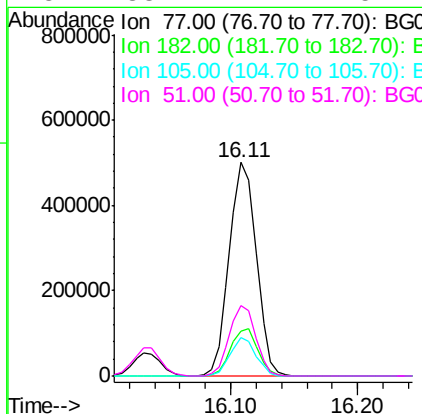
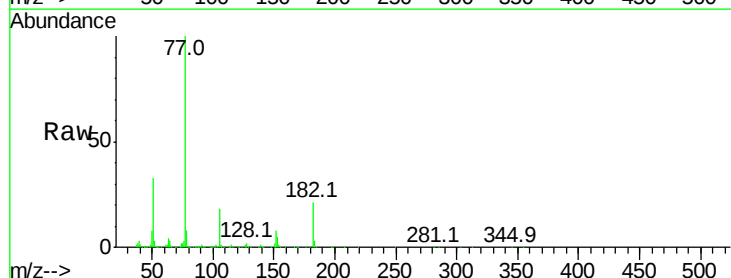
Instrument :
BNA_G
ClientSampleId :

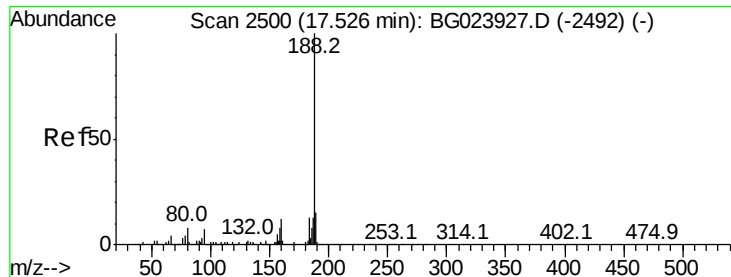
Tot Ion:138 Resp: 127435
Ion Ratio Lower Upper
138 100
92 71.9 54.1 94.1
108 159.3 133.9 173.9



#62
Azobenzene
Concen: 57.49 ng
RT: 16.11 min Scan# 2259
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion: 77 Resp: 737323
Ion Ratio Lower Upper
77 100
182 21.0 3.5 43.5
105 17.8 0.0 38.5
51 33.2 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

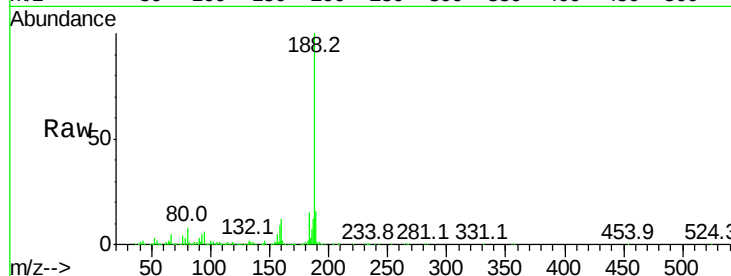
Tot Ion:188 Resp: 383989

Ion Ratio Lower Upper

188 100

94 5.9 5.2 7.8

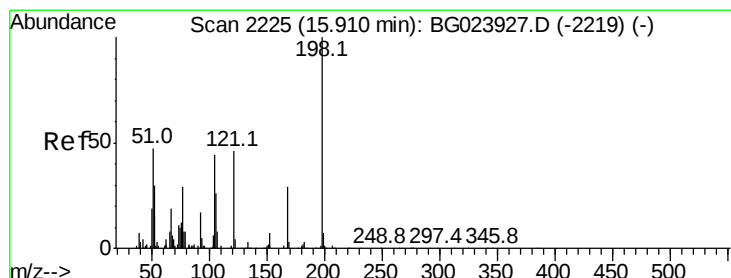
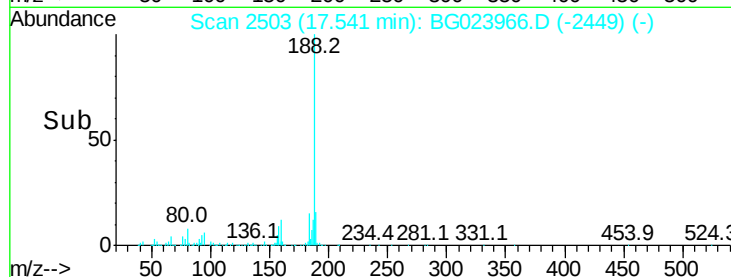
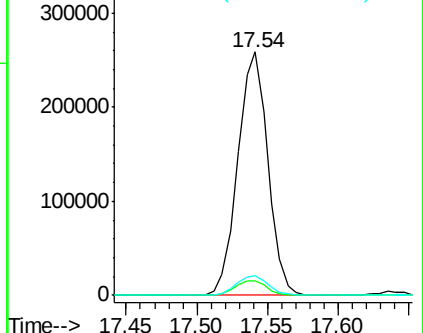
80 7.8 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.37 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

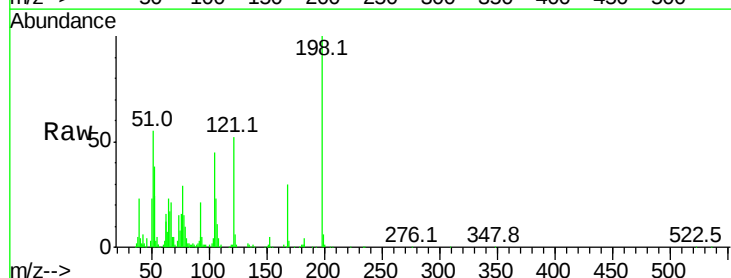
Tgt Ion:198 Resp: 102292

Ion Ratio Lower Upper

198 100

51 54.5 26.0 66.0

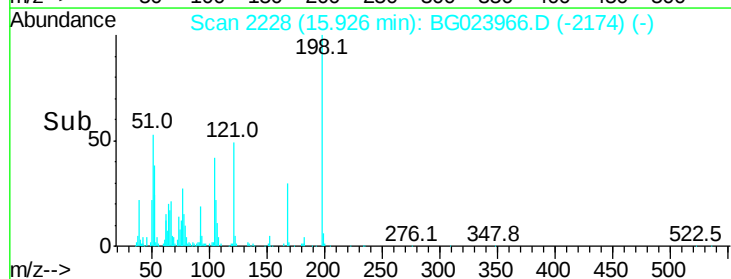
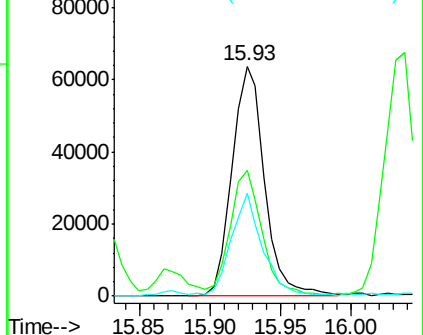
105 44.6 20.1 60.1

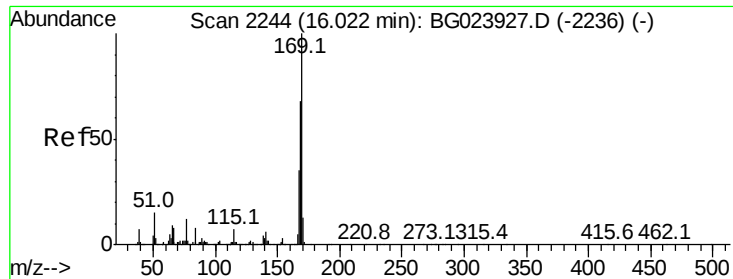


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

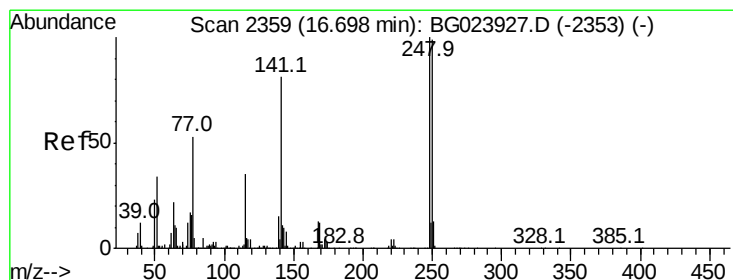
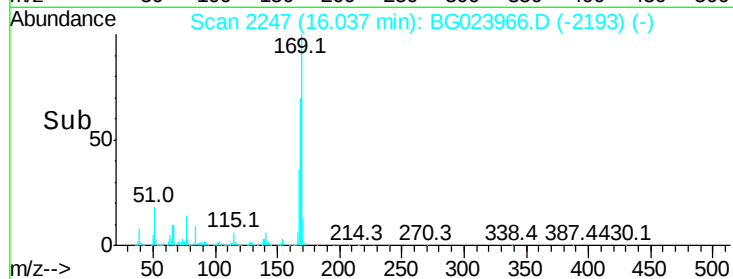
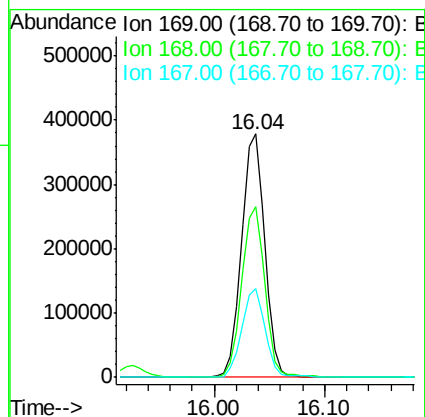
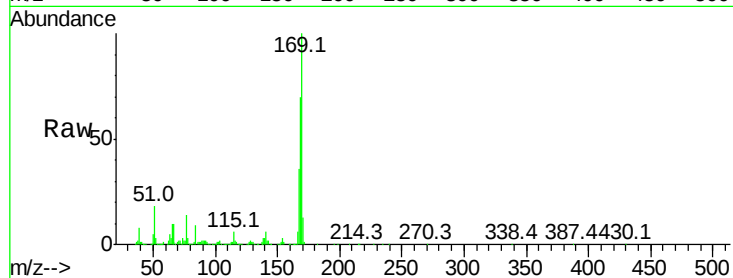




#65
 n-Nitrosodiphenylamine
 Concen: 51.42 ng
 RT: 16.04 min Scan# 2247
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

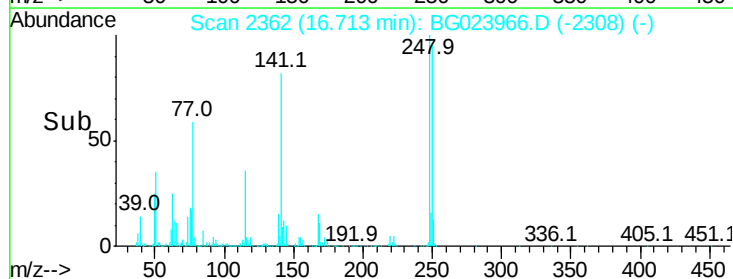
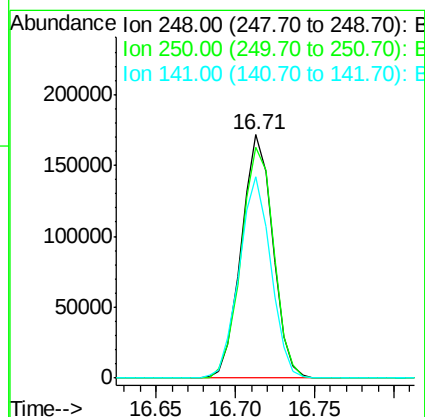
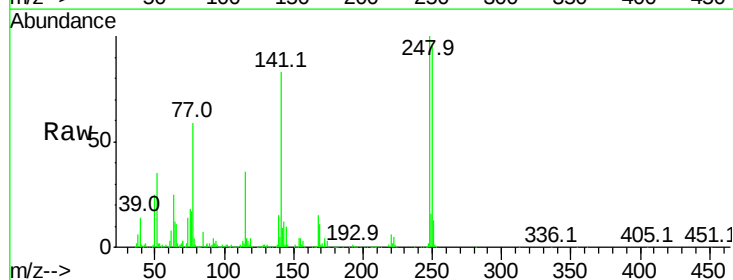
Instrument :
 BNA_G
 ClientSampleId :

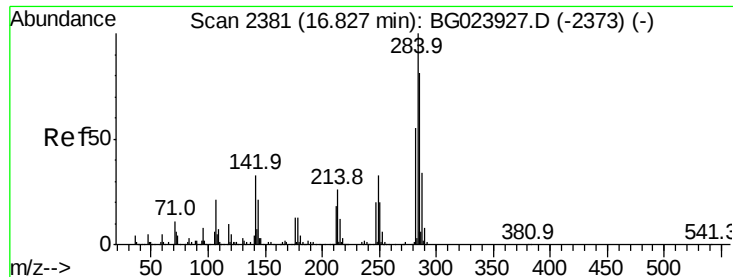
Tot Ion:169 Resp: 560825
 Ion Ratio Lower Upper
 169 100
 168 69.9 55.0 82.4
 167 36.3 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 50.71 ng
 RT: 16.71 min Scan# 2362
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Tgt Ion:248 Resp: 236883
 Ion Ratio Lower Upper
 248 100
 250 94.7 77.8 116.8
 141 82.5 65.7 98.5

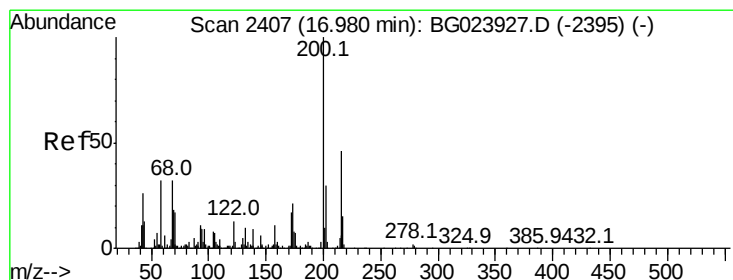
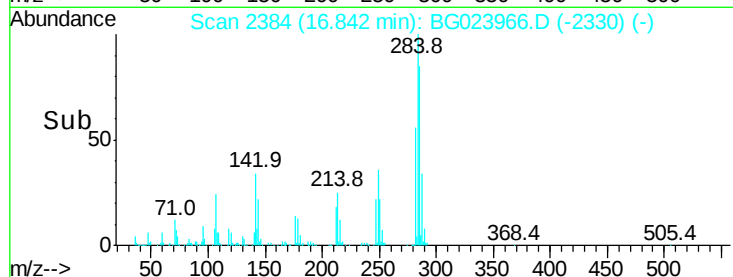
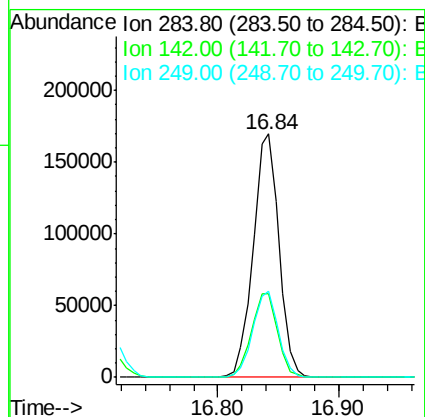
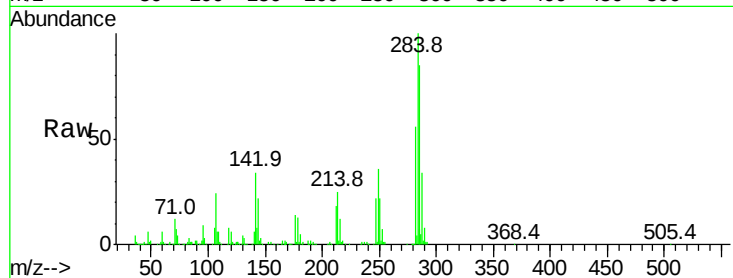




#67
Hexachlorobenzene
Concen: 45.94 ng
RT: 16.84 min Scan# 2384
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

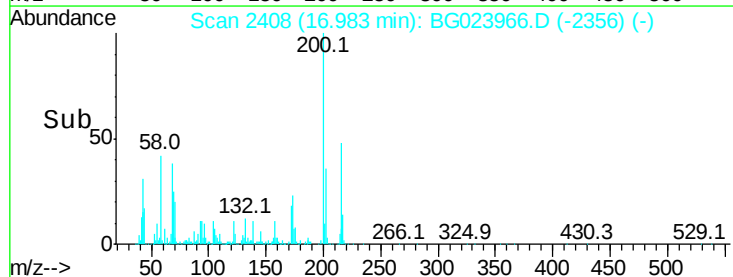
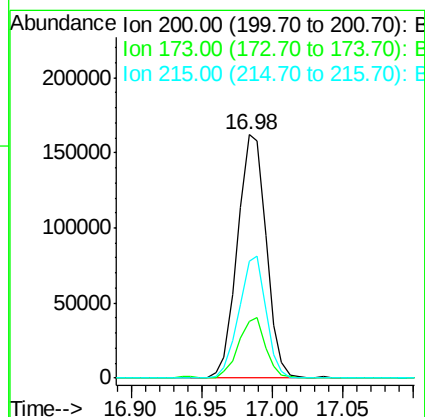
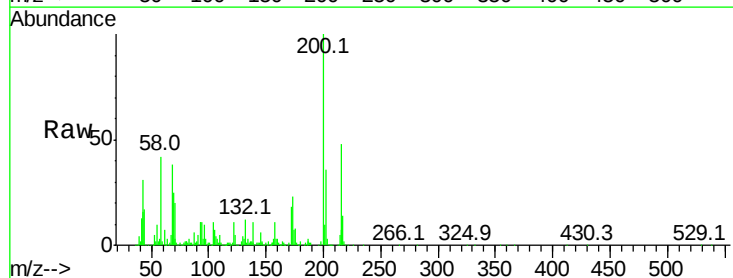
Instrument :
BNA_G
ClientSampleId :

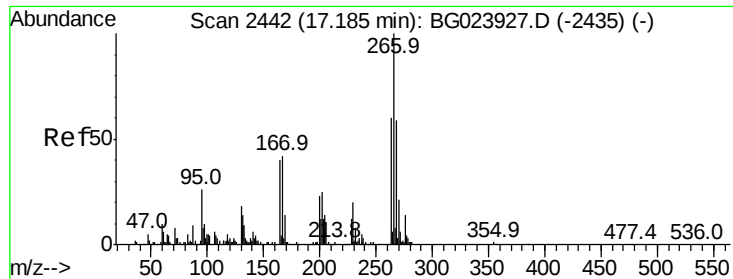
Tot Ion:284 Resp: 251714
Ion Ratio Lower Upper
284 100
142 34.2 26.8 40.2
249 35.5 28.9 43.3



#68
Atrazine
Concen: 49.03 ng
RT: 16.98 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:200 Resp: 230072
Ion Ratio Lower Upper
200 100
173 23.2 1.6 41.6
215 48.0 28.7 68.7

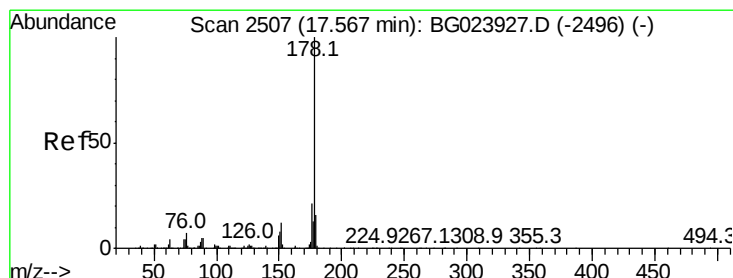
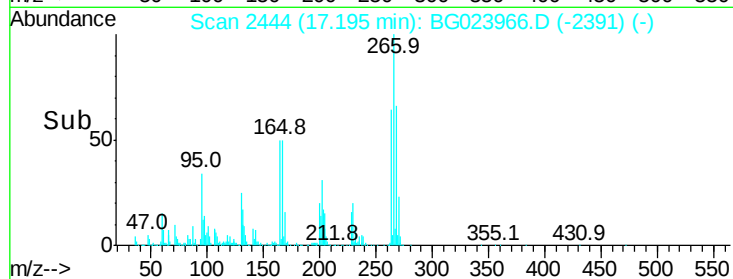
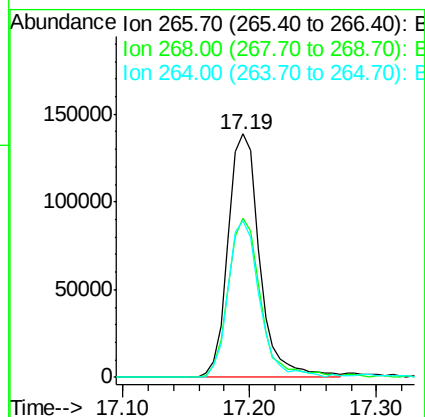
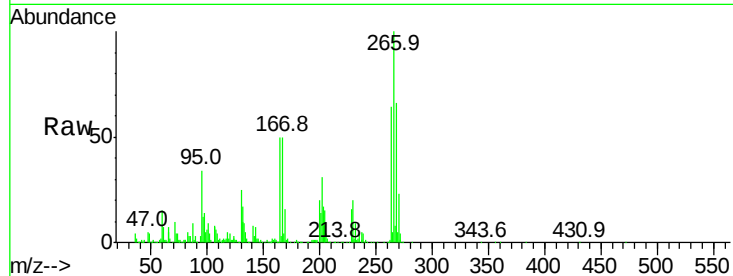




#69
 Pentachlorophenol
 Concen: 82.26 ng
 RT: 17.19 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

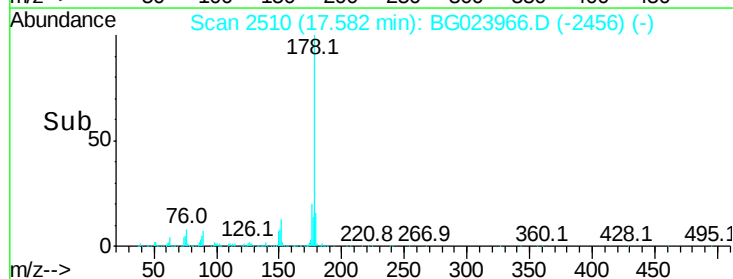
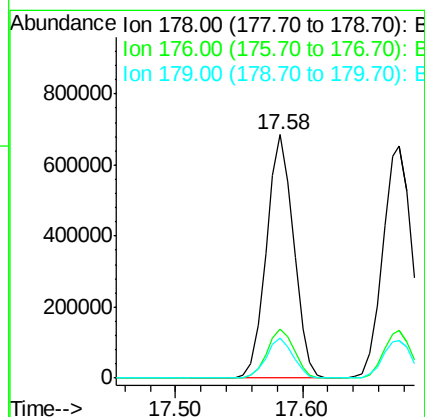
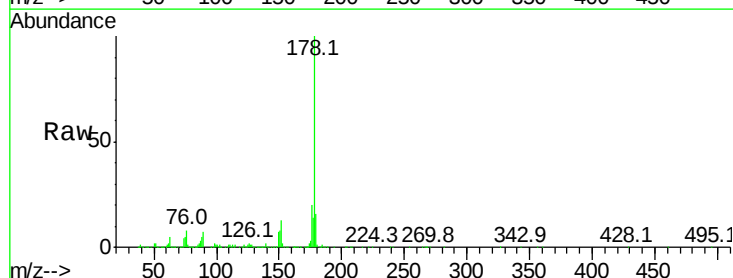
Instrument :
 BNA_G
 ClientSampleId :

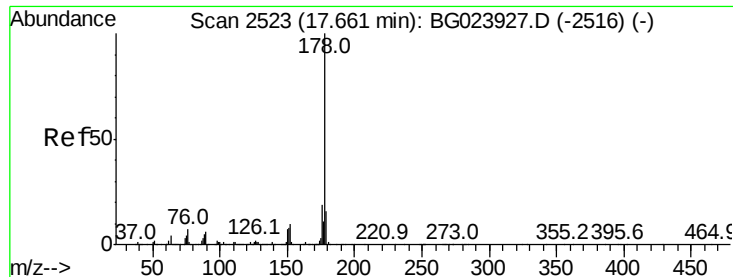
Tot Ion:266 Resp: 239389
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.9 77.9
 264 64.4 50.6 75.8



#70
 Phenanthrene
 Concen: 50.95 ng
 RT: 17.58 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Tgt Ion:178 Resp: 1017665
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.8 25.2
 179 16.5 14.3 21.5

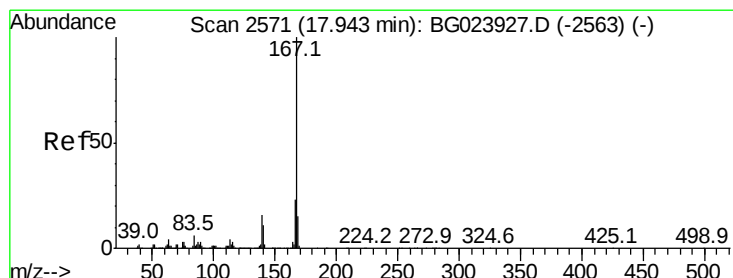
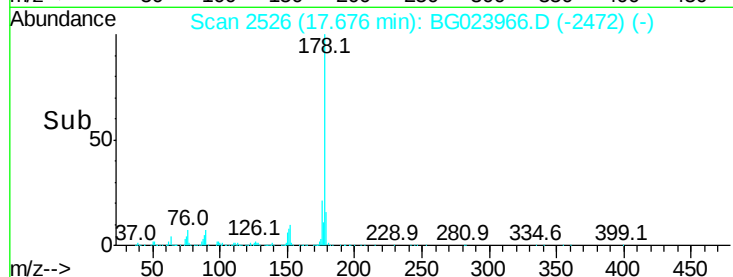
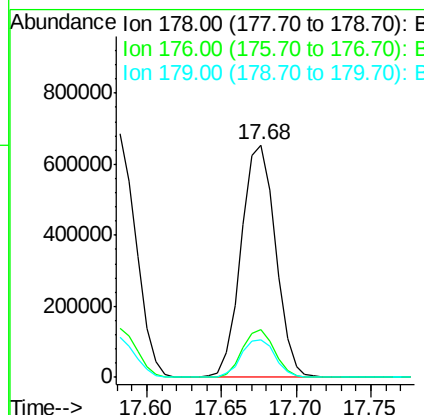
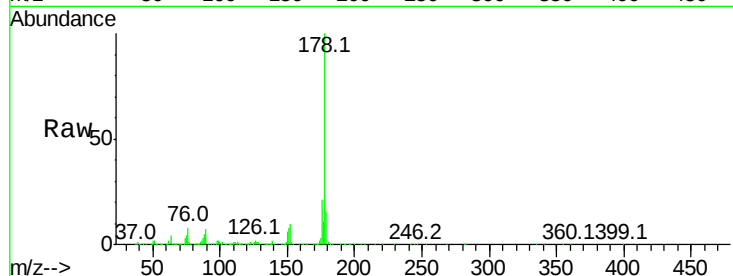




#71
 Anthracene
 Concen: 51.14 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

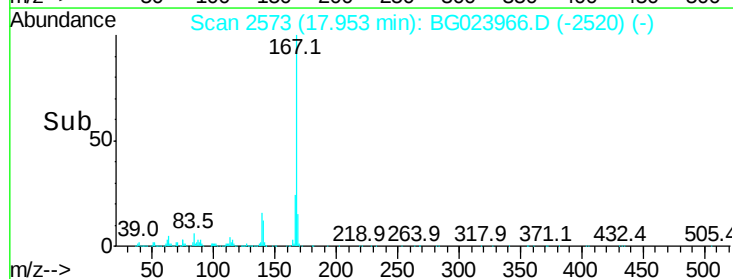
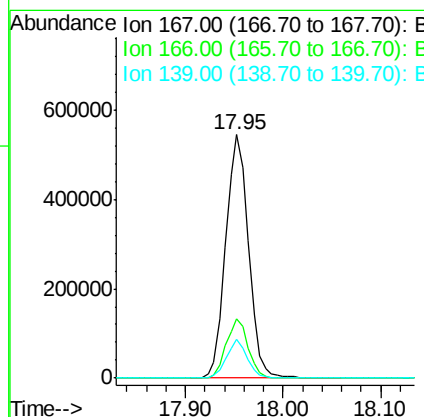
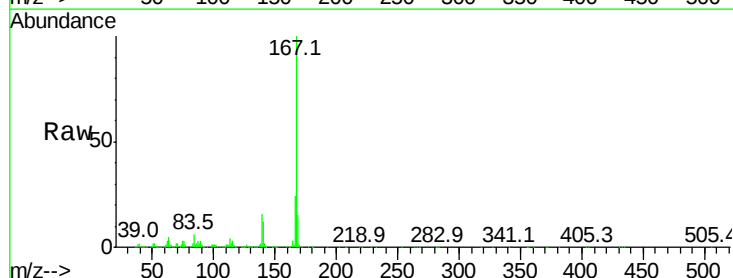
Instrument :
 BNA_G
 ClientSampled :

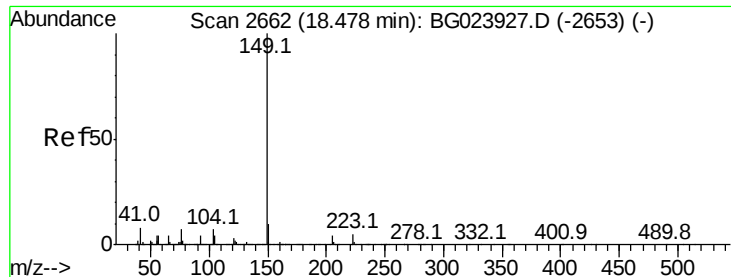
Tot Ion:178 Resp: 1042023
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.3 25.9
 179 16.1 14.0 21.0



#72
 Carbazole
 Concen: 47.70 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Tgt Ion:167 Resp: 881927
 Ion Ratio Lower Upper
 167 100
 166 24.4 20.7 31.1
 139 15.9 11.9 17.9





#73

Di-n-butylphthalate

Concen: 47.93 ng

RT: 18.48 min Scan# 2663

Delta R.T. 0.00 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

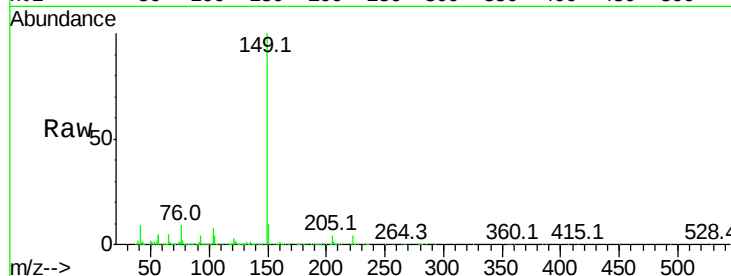
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1057460

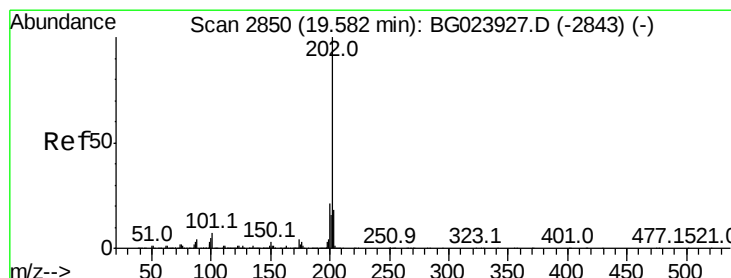
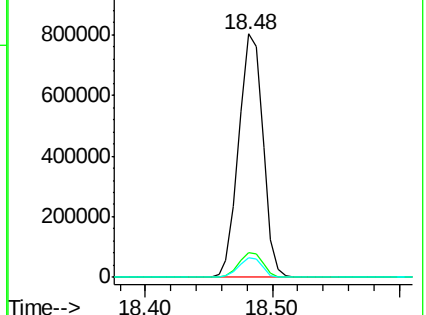
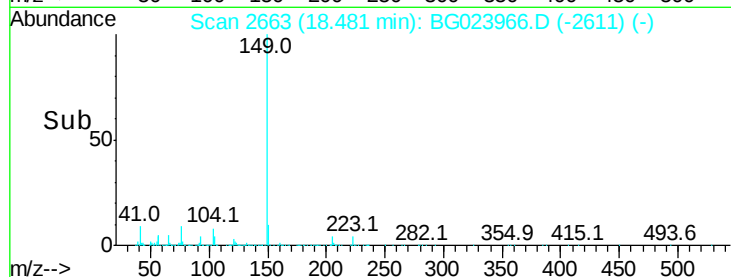
Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.1	13.7
104	7.8	6.9	10.3



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: 49.41 ng

RT: 19.60 min Scan# 2853

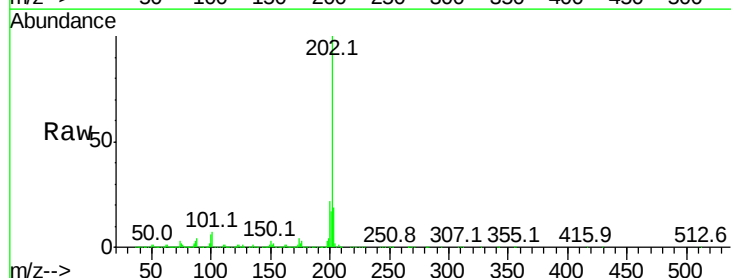
Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Tgt Ion:202 Resp: 1188350

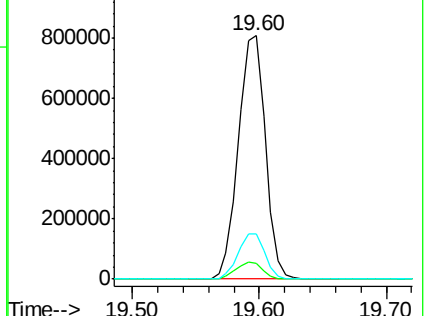
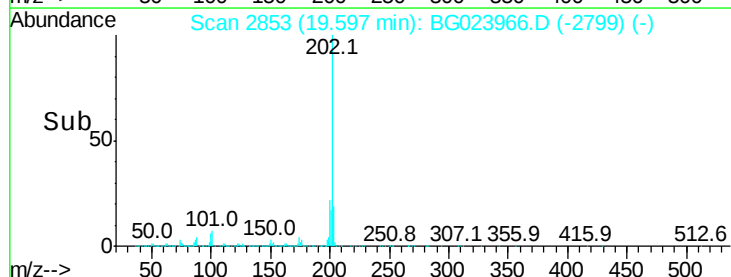
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	27.4
203	18.6	1.7	41.7

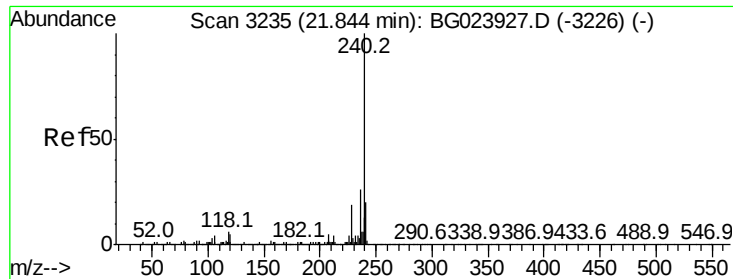


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

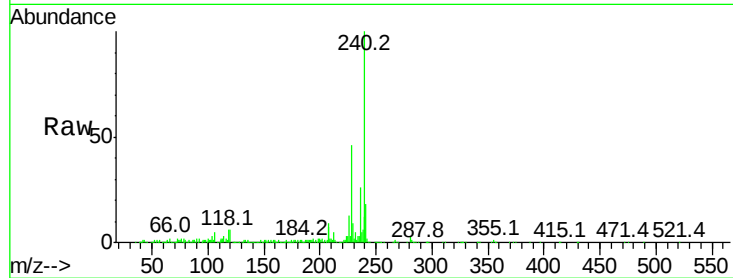
Tot Ion:240 Resp: 408721

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

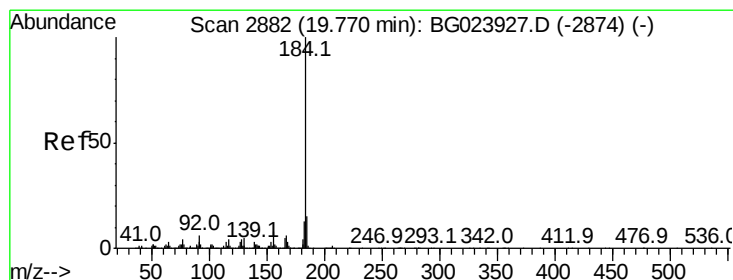
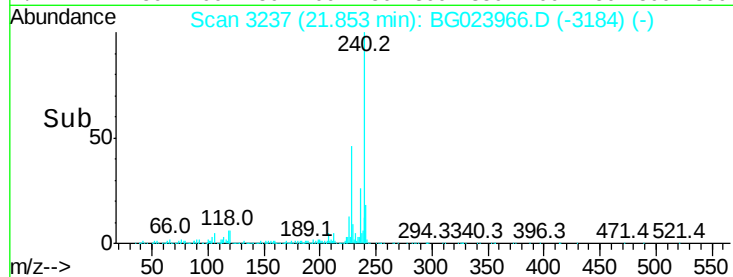
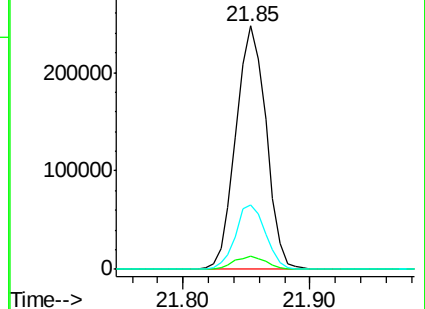
236 26.3 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.23 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

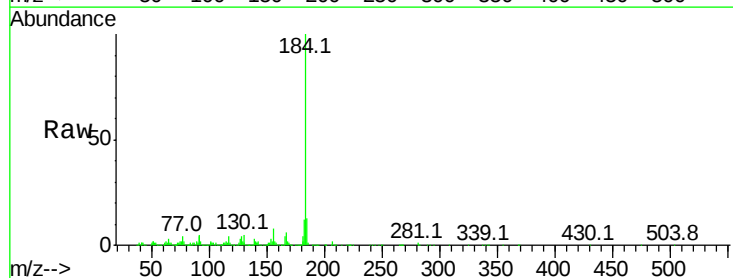
Tgt Ion:184 Resp: 597778

Ion Ratio Lower Upper

184 100

185 13.0 12.6 19.0

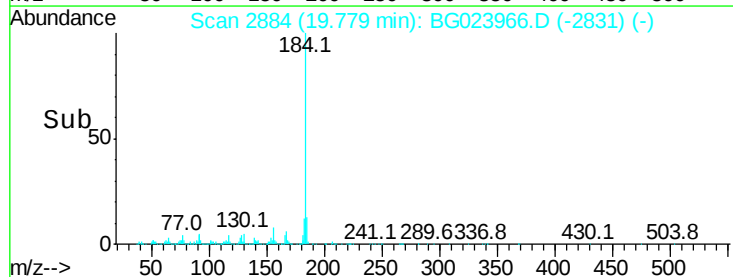
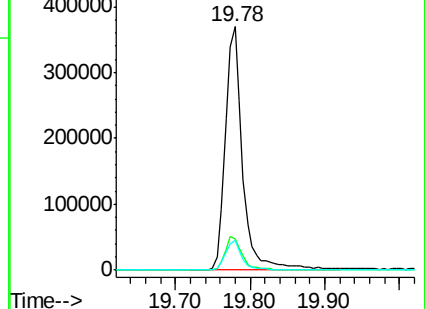
183 12.4 10.7 16.1

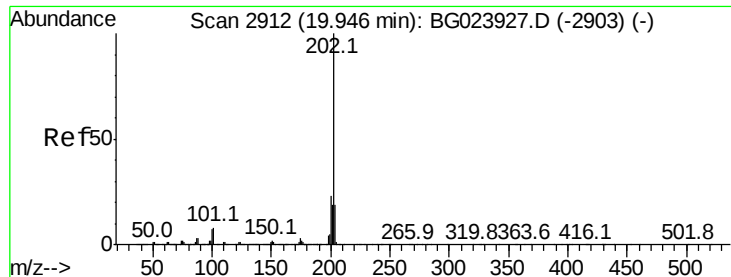


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.98 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

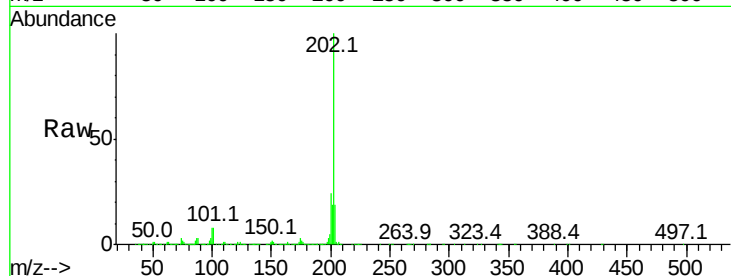
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1180824

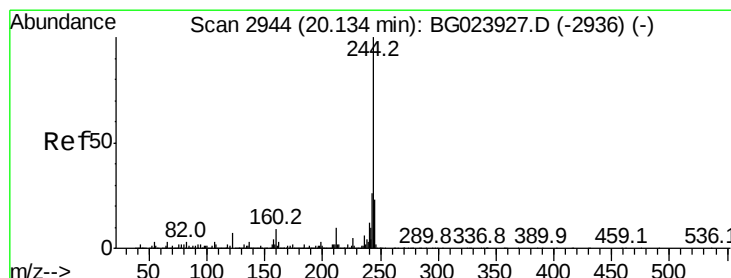
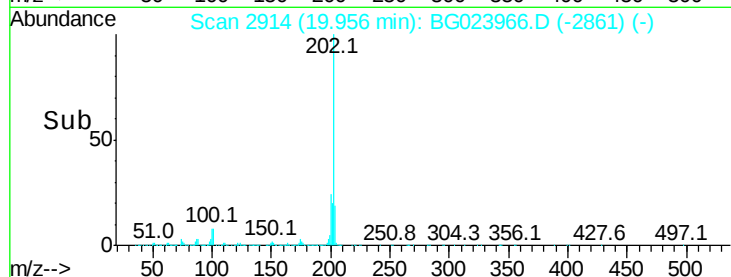
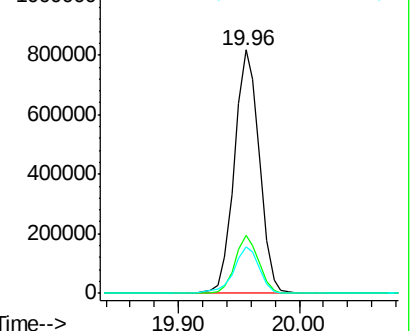
Ion	Ratio	Lower	Upper
202	100		
200	23.6	21.2	31.8
203	19.3	16.8	25.2



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: 95.83 ng

RT: 20.14 min Scan# 2946

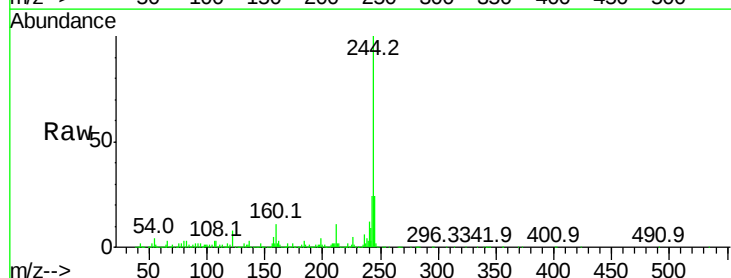
Delta R.T. 0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Tgt Ion:244 Resp: 1719848

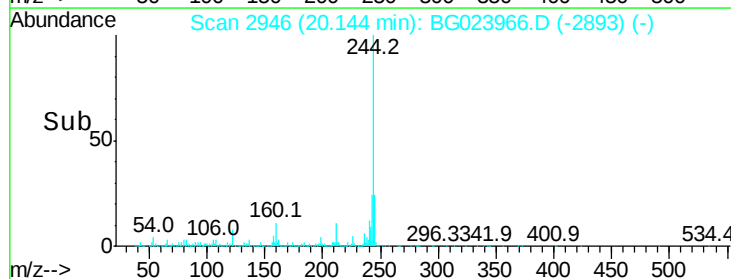
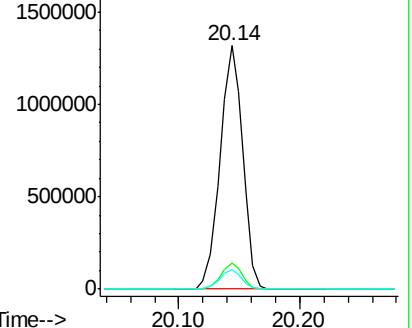
Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	7.8	8.0	12.0#

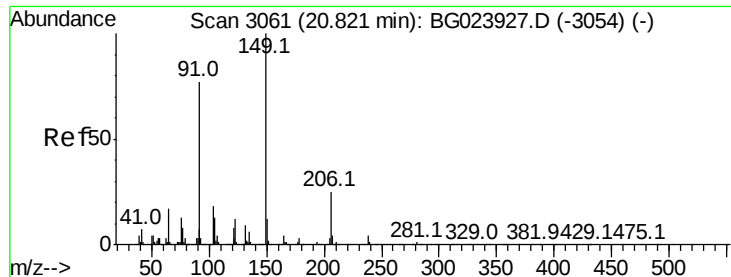


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

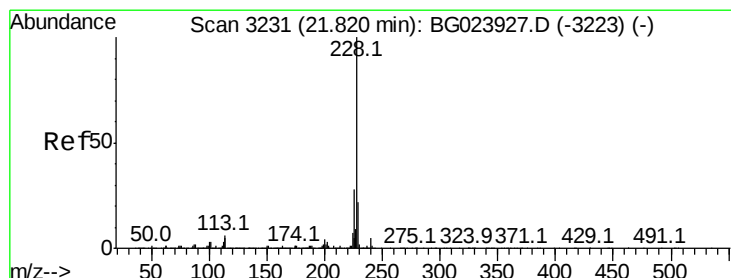
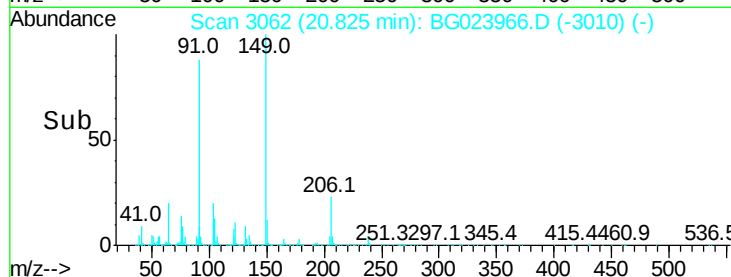
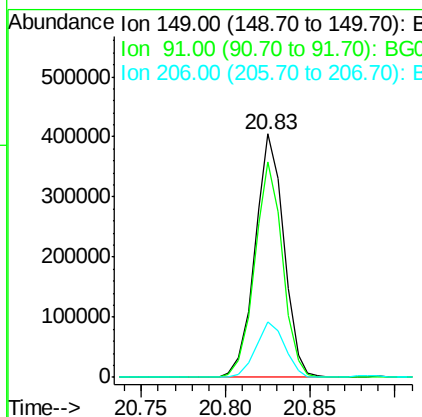
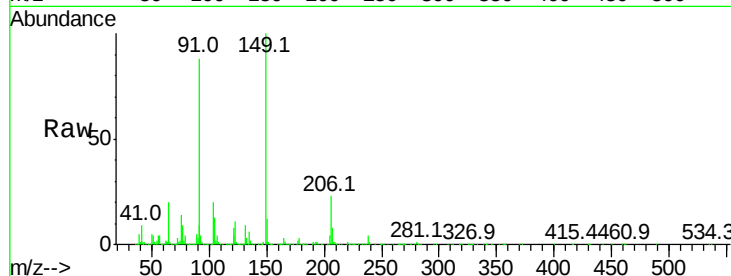




#79
Butylbenzylphthalate
Concen: 49.43 ng
RT: 20.83 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

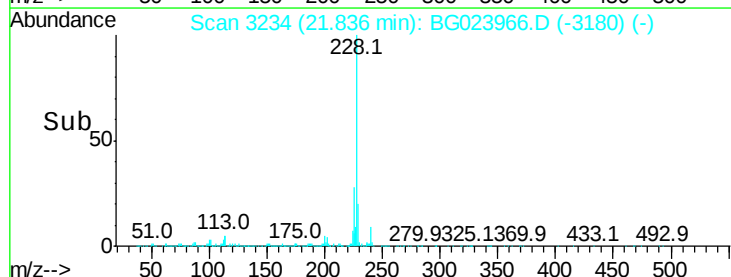
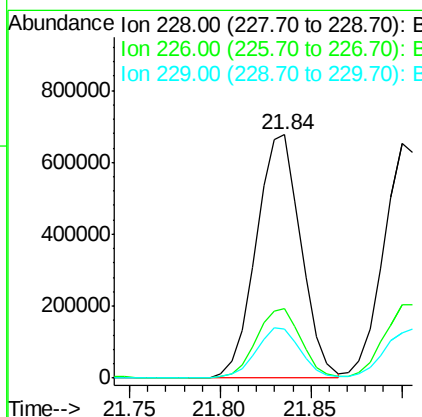
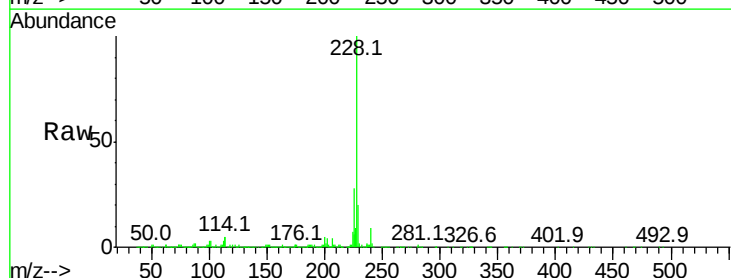
Instrument :
BNA_G
ClientSampled :

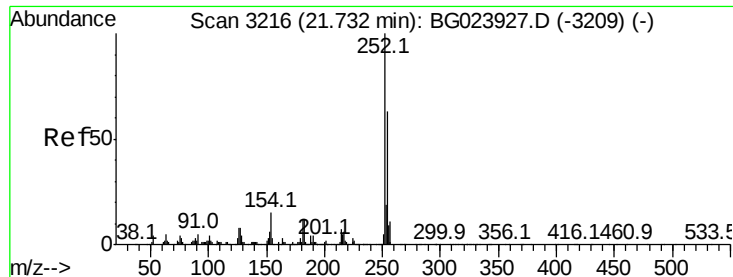
Tot Ion:149 Resp: 478957
Ion Ratio Lower Upper
149 100
91 88.4 68.1 102.1
206 22.9 19.8 29.6



#80
Benzo(a)anthracene
Concen: 51.14 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.02 min
Lab File: BG023966.D
Acq: 8 Sep 2016 12:46

Tgt Ion:228 Resp: 1170123
Ion Ratio Lower Upper
228 100
226 28.4 25.3 37.9
229 20.0 19.9 29.9





#81

3,3'-Dichlorobenzidine

Concen: 31.96 ng

RT: 21.74 min Scan# 3218

Delta R.T. 0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

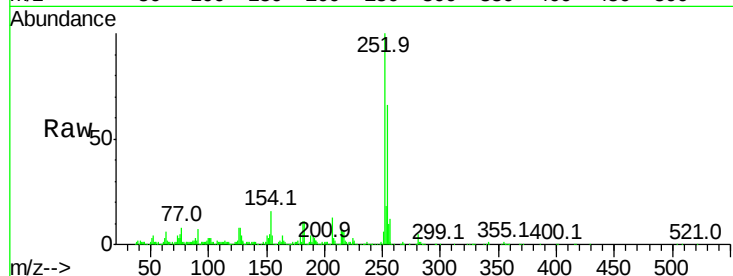
Tot Ion:252 Resp: 292237

Ion Ratio Lower Upper

252 100

254 66.3 51.2 76.8

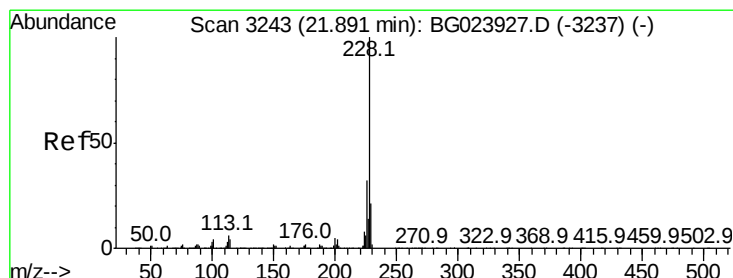
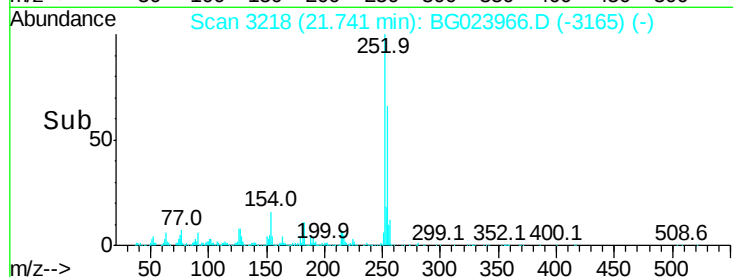
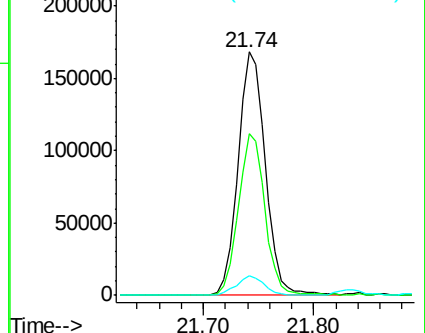
126 8.1 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 50.90 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

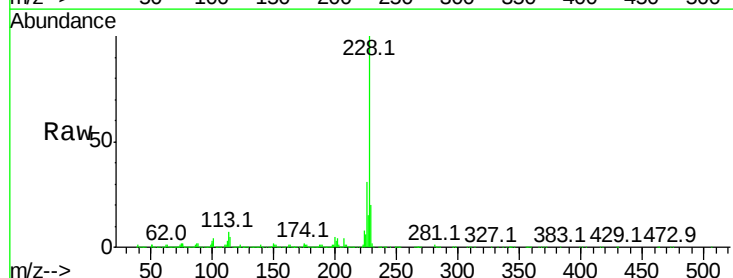
Tgt Ion:228 Resp: 1108493

Ion Ratio Lower Upper

228 100

226 31.2 26.7 40.1

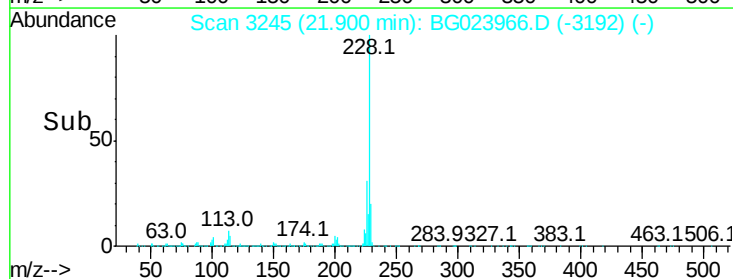
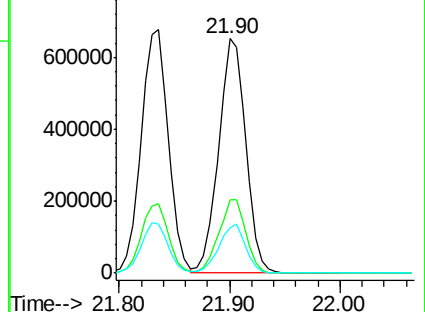
229 19.5 17.4 26.2

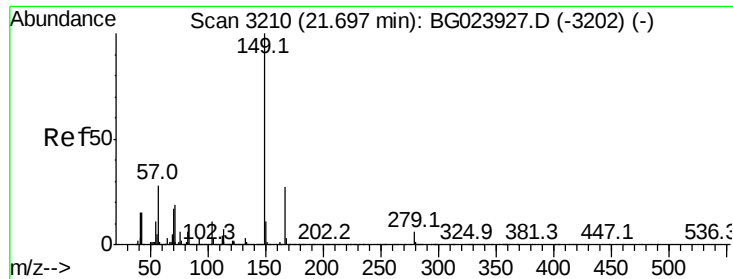


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

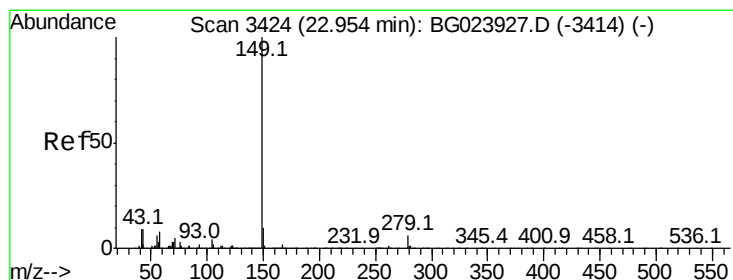
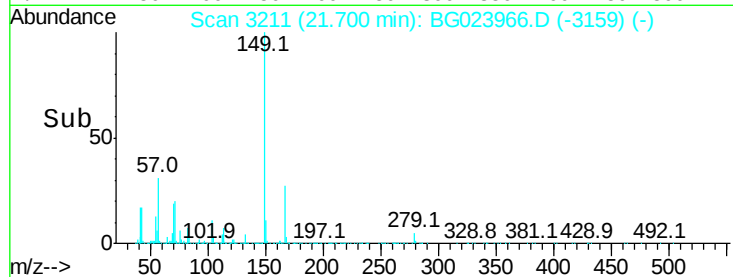
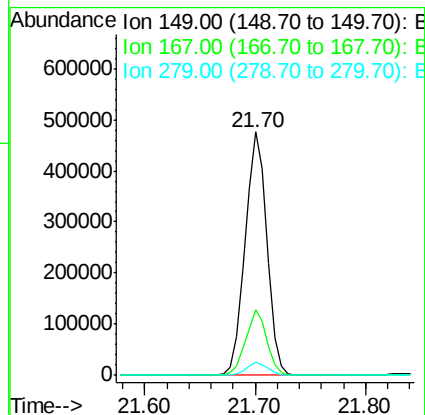
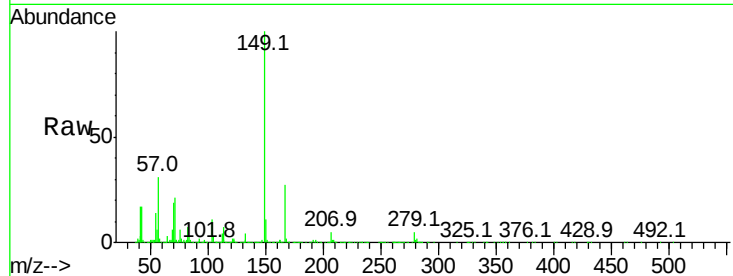




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.86 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

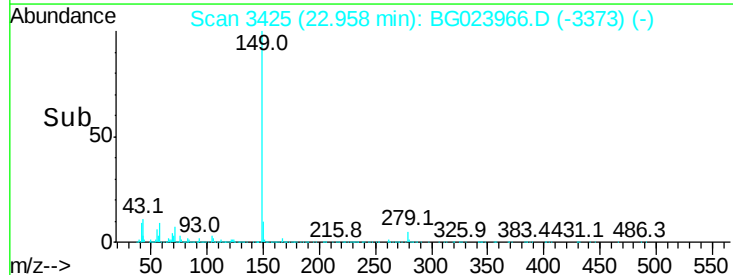
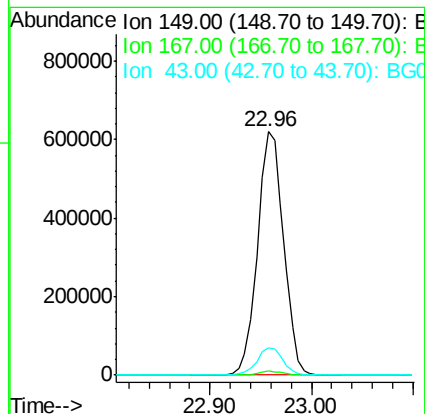
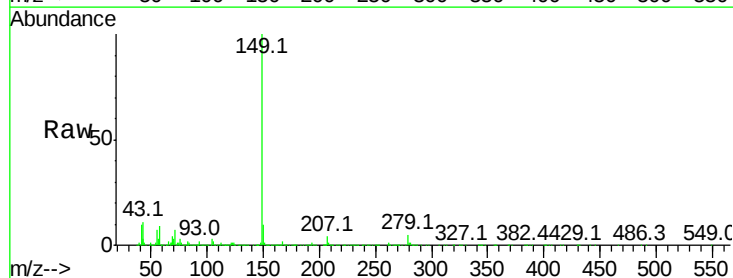
Instrument :
 BNA_G
 ClientSampleId :

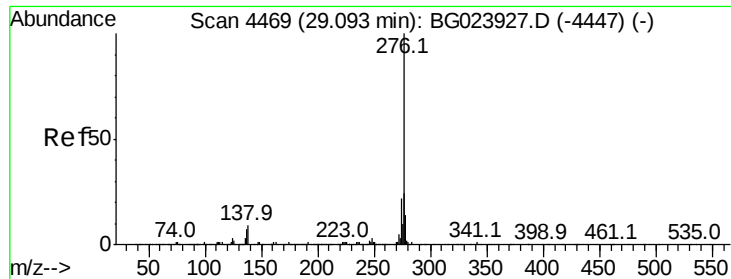
Tot Ion:149 Resp: 661585
 Ion Ratio Lower Upper
 149 100
 167 27.0 24.0 36.0
 279 5.3 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 50.59 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. 0.00 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Tgt Ion:149 Resp: 1100789
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.9 8.8 13.2

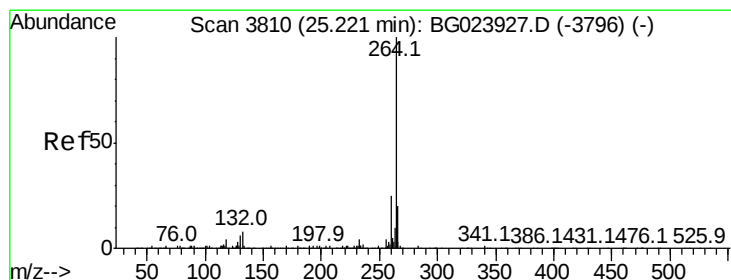
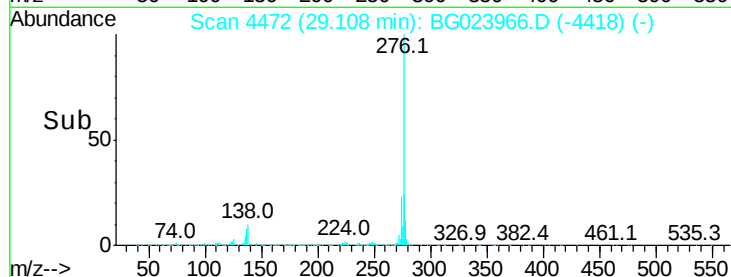
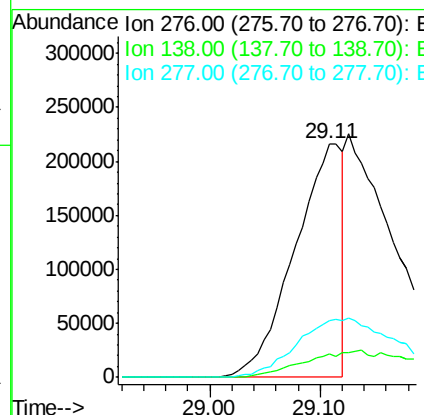
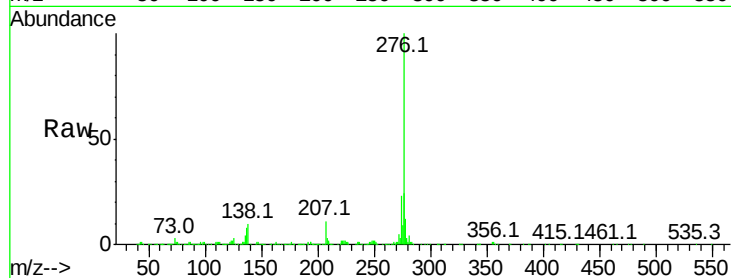




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.00 ng
 RT: 29.11 min Scan# 4472
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

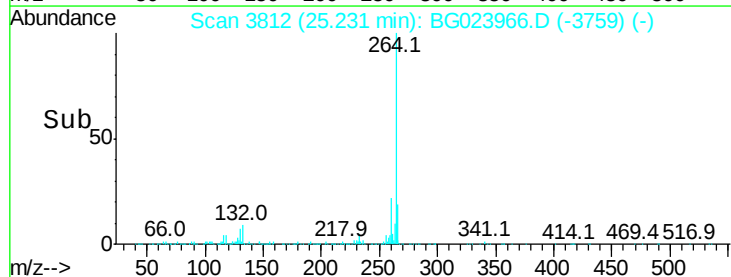
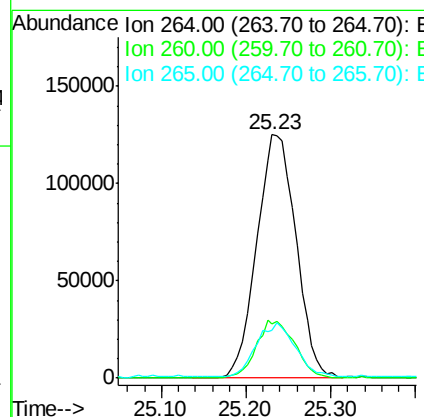
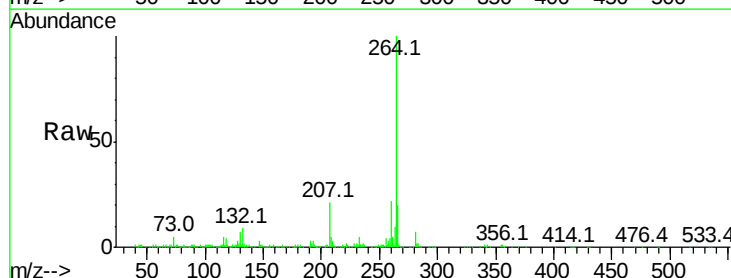
Instrument :
 BNA_G
 ClientSampleId :

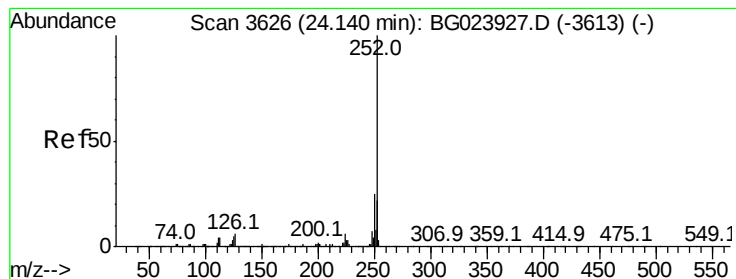
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3812
 Delta R.T. 0.01 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	19.6	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 53.29 ng

RT: 24.16 min Scan# 3629

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Instrument :

BNA_G

ClientSampleId :

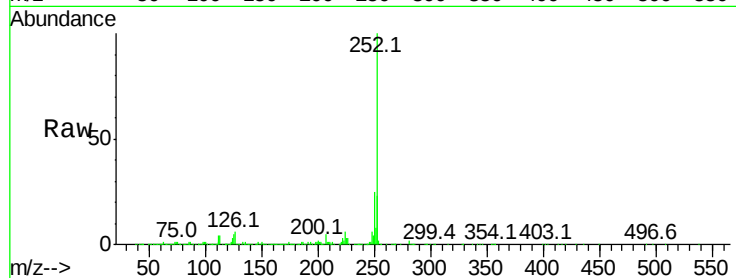
Tot Ion:252 Resp: 1222536

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

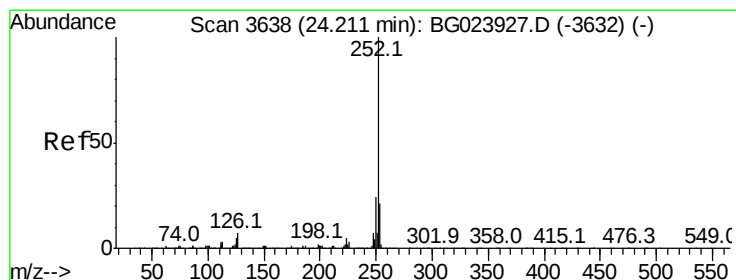
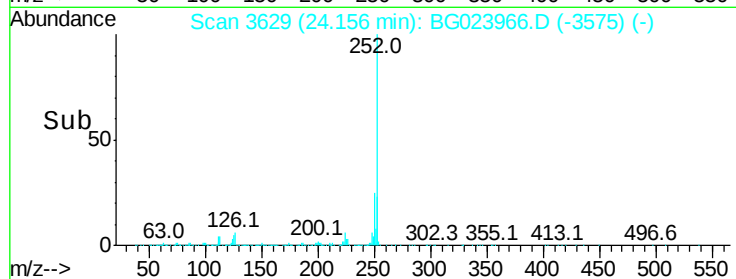
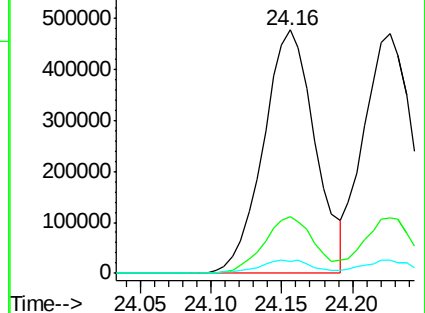
125 4.9 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.76 ng

RT: 24.23 min Scan# 3641

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

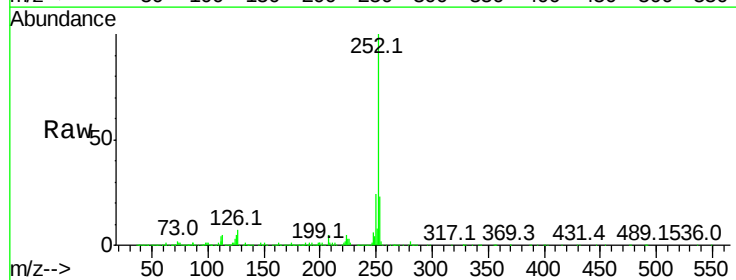
Tgt Ion:252 Resp: 1132035

Ion Ratio Lower Upper

252 100

253 23.1 18.8 28.2

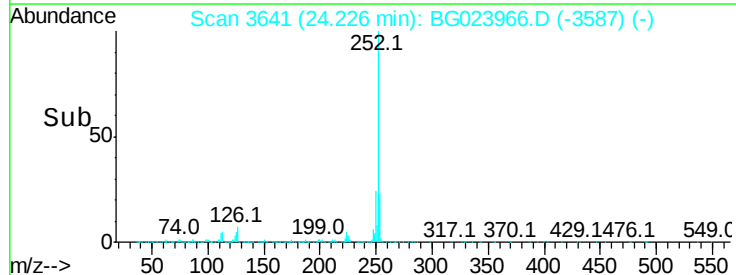
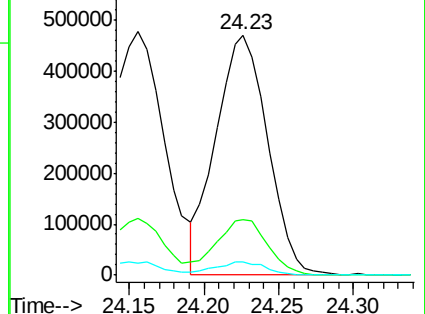
125 5.4 3.2 4.8#

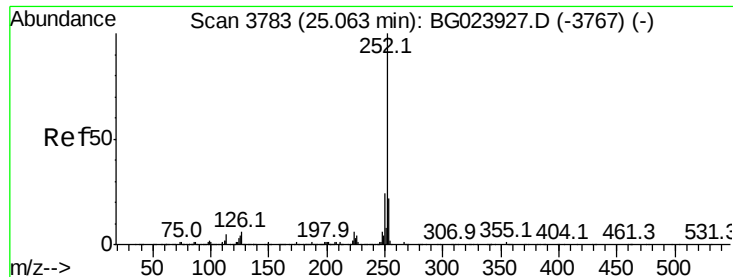


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 53.31 ng

RT: 25.08 min Scan# 3786

Delta R.T. 0.02 min

Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

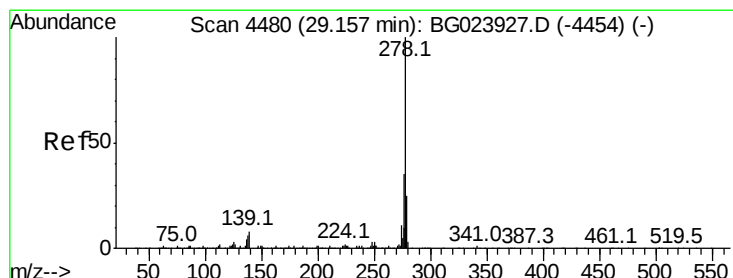
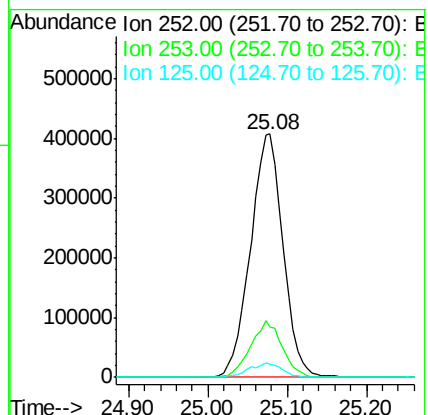
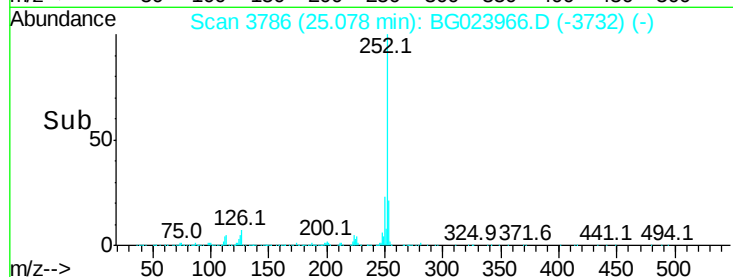
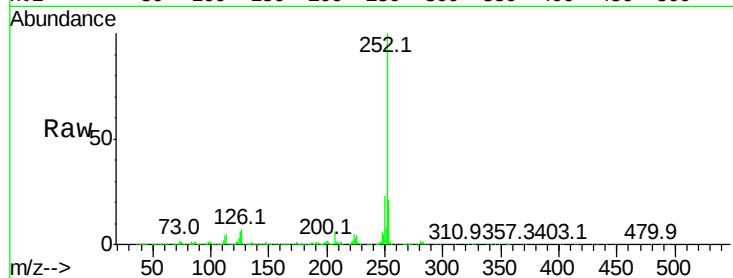
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1161368

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.7	28.1
125	5.6	3.9	5.9



#90

Dibenzo(a,h)anthracene

Concen: 53.20 ng

RT: 29.17 min Scan# 4483

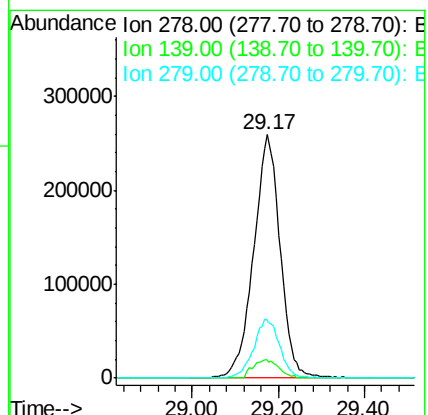
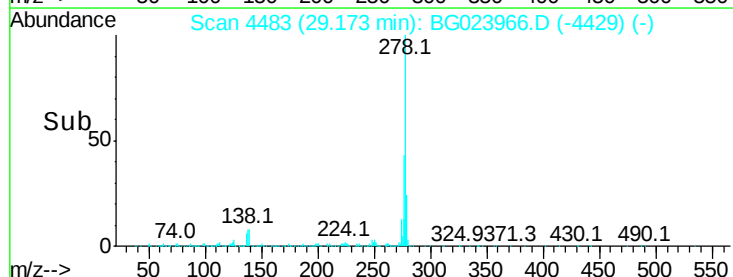
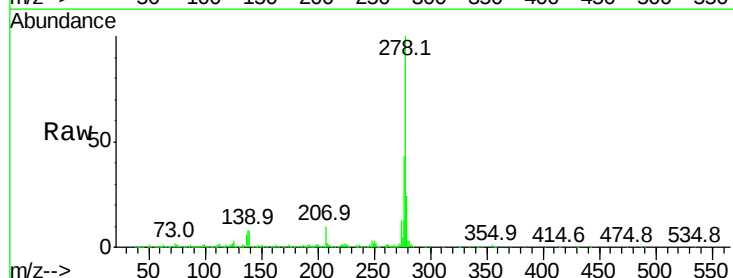
Delta R.T. 0.02 min

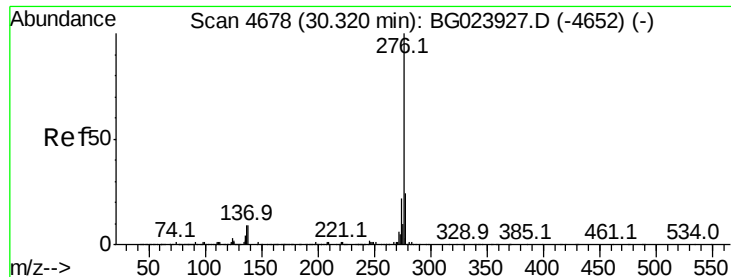
Lab File: BG023966.D

Acq: 8 Sep 2016 12:46

Tgt Ion:278 Resp: 1139979

Ion	Ratio	Lower	Upper
278	100		
139	7.8	4.7	7.1#
279	23.8	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 54.17 ng
 RT: 30.34 min Scan# 4681
 Delta R.T. 0.02 min
 Lab File: BG023966.D
 Acq: 8 Sep 2016 12:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1116193

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	27.8
138	9.0	6.8	10.2

