

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
 Data File : BG023969.D
 Acq On : 8 Sep 2016 17:38
 Operator : UM/SJ
 Sample : PB93297BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

Quant Time: Sep 08 18:17:03 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	8.07	152	48430	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	214844	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	157904	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	409268	20.00	ng	-0.02
75) Chrysene-d12	21.82	240	440860	20.00	ng	-0.03
86) Perylene-d12	25.17	264	439393	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	409808	148.56	ng	-0.02
7) Phenol-d6	7.25	99	599701	141.23	ng	-0.01
23) Nitrobenzene-d5	9.26	82	449604	93.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	346219	121.70	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	921627	83.68	ng	-0.01
78) Terphenyl-d14	20.11	244	1634949	84.46	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.47	88	41344	36.34 ng	98
3) Pyridine	3.88	79	134792	39.42 ng	97
4) n-Nitrosodimethylamine	3.80	42	81954	45.47 ng	# 99
6) Aniline	7.40	93	188769	33.49 ng	97
8) 2-Chlorophenol	7.64	128	140424	43.94 ng	96
9) Benzaldehyde	7.21	77	23497	7.79 ng	85
10) Phenol	7.27	94	203534	45.56 ng	93
11) bis(2-Chloroethyl)ether	7.49	93	142761	40.62 ng	86
12) 1,3-Dichlorobenzene	7.96	146	152852	40.87 ng	93
13) 1,4-Dichlorobenzene	8.11	146	160595	40.53 ng	94
14) 1,2-Dichlorobenzene	8.43	146	152493	41.00 ng	98
15) Benzyl Alcohol	8.32	79	191767	51.22 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	189229	40.17 ng	94
17) 2-Methylphenol	8.54	107	136251	45.27 ng	95
18) Hexachloroethane	9.16	117	67230	44.06 ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	155007	41.32 ng	98
20) 3+4-Methylphenols	8.87	107	189093	45.08 ng	94
22) Acetophenone	8.91	105	226180	40.66 ng	# 99
24) Nitrobenzene	9.30	77	241073	46.59 ng	97
25) Isophorone	9.82	82	405191	43.42 ng	98
26) 2-Nitrophenol	10.02	139	86054	43.74 ng	96
27) 2,4-Dimethylphenol	10.08	122	155756	46.59 ng	95
28) bis(2-Chloroethoxy)methane	10.30	93	208274	44.20 ng	98
29) 2,4-Dichlorophenol	10.57	162	165977	46.85 ng	96
30) 1,2,4-Trichlorobenzene	10.77	180	179121	46.10 ng	96
31) Naphthalene	10.96	128	464907	42.00 ng	99
32) Benzoic acid	10.25	122	72284	26.62 ng	87
33) 4-Chloroaniline	11.08	127	94982	20.55 ng	98
34) Hexachlorobutadiene	11.23	225	138785	47.56 ng	94
35) Caprolactam	11.88	113	52289m	41.88 ng	
36) 4-Chloro-3-methylphenol	12.21	107	199643	42.18 ng	92
37) 2-Methylnaphthalene	12.57	142	366422	43.51 ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	208090	39.70 ng	99
40) Hexachlorocyclopentadiene	12.90	237	265216	83.63 ng	98

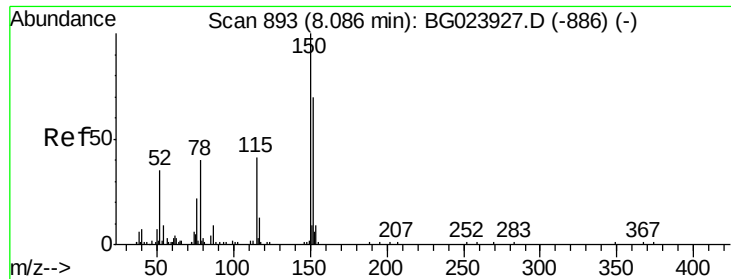
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
 Data File : BG023969.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	153302	43.83	ng	99
43) 2,4,5-Trichlorophenol	13.27	196	158730	44.89	ng	92
45) 1,1'-Biphenyl	13.57	154	456818	35.97	ng	98
46) 2-Chloronaphthalene	13.62	162	399135	42.81	ng	96
47) 2-Nitroaniline	13.84	65	177684	48.38	ng	97
48) Acenaphthylene	14.47	152	635513	40.89	ng	100
49) Dimethylphthalate	14.19	163	552229	40.78	ng	99
50) 2,6-Dinitrotoluene	14.33	165	121970	42.67	ng	91
51) Acenaphthene	14.81	154	395605	41.17	ng	98
52) 3-Nitroaniline	14.67	138	78377	29.32	ng	93
53) 2,4-Dinitrophenol	14.88	184	145346	70.41	ng	87
54) Dibenzofuran	15.14	168	663524	44.24	ng	98
55) 4-Nitrophenol	15.00	139	169601	79.73	ng	# 82
56) 2,4-Dinitrotoluene	15.12	165	181953	43.31	ng	# 88
57) Fluorene	15.80	166	548435	42.17	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.38	232	166271	46.33	ng	93
59) Diethylphthalate	15.56	149	584207	40.42	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	298189	42.59	ng	96
61) 4-Nitroaniline	15.84	138	114901	42.51	ng	97
62) Azobenzene	16.08	77	667033	47.65	ng	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	113959	40.11	ng	91
65) n-Nitrosodiphenylamine	16.00	169	495321	42.61	ng	97
66) 4-Bromophenyl-phenylether	16.68	248	217509	43.68	ng	97
67) Hexachlorobenzene	16.81	284	235115	40.26	ng	98
68) Atrazine	16.95	200	216445	43.28	ng	94
69) Pentachlorophenol	17.16	266	243819	78.61	ng	97
70) Phenanthrene	17.55	178	940186	44.16	ng	97
71) Anthracene	17.64	178	959776	44.19	ng	97
72) Carbazole	17.92	167	840459	42.65	ng	97
73) Di-n-butylphthalate	18.45	149	1007922	42.87	ng	98
74) Fluoranthene	19.56	202	1159852	45.25	ng	94
76) Benzidine	19.75	184	476286	34.89	ng	95
77) Pyrene	19.93	202	1167822	43.07	ng	94
79) Butylbenzylphthalate	20.80	149	470229	44.99	ng	99
80) Benzo(a)anthracene	21.79	228	1163603	47.15	ng	93
81) 3,3'-Dichlorobenzidine	21.71	252	279590	28.34	ng	# 97
82) Chrysene	21.87	228	1091318	46.46	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	640732	44.77	ng	93
84) Di-n-octyl phthalate	22.92	149	1086948	46.31	ng	99
85) Indeno(1,2,3-cd)pyrene	29.01	276	1330389	51.15	ng	# 100
87) Benzo(b)fluoranthene	24.10	252	1202373	48.17	ng	99
88) Benzo(k)fluoranthene	24.17	252	1115893	45.09	ng	# 96
89) Benzo(a)pyrene	25.01	252	1139492	48.07	ng	99
90) Dibenzo(a,h)anthracene	29.07	278	1105249	47.41	ng	# 98
91) Benzo(g,h,i)perylene	30.22	276	1093990	48.80	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

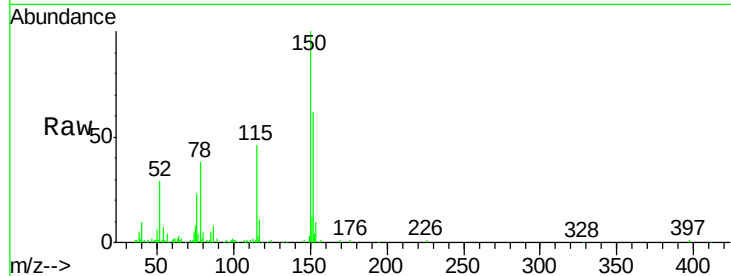
Tgt Ion:152 Resp: 48430

Ion Ratio Lower Upper

152 100

150 161.0 144.7 217.1

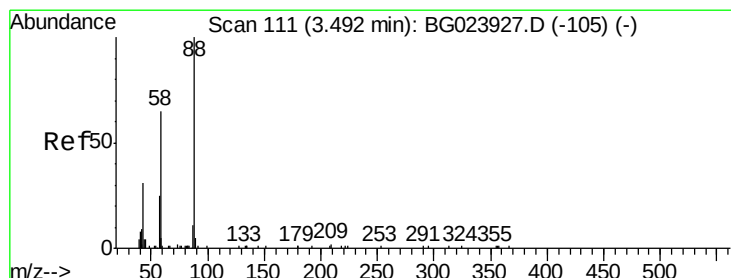
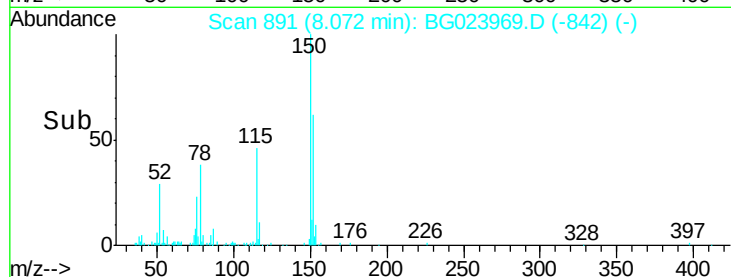
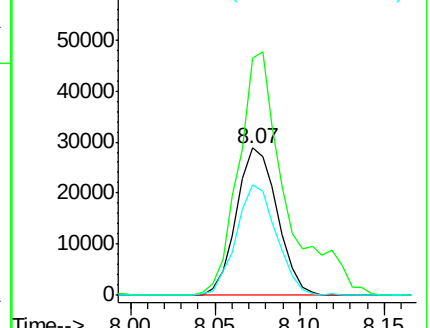
115 74.7 64.0 96.0



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: 36.34 ng

RT: 3.47 min Scan# 107

Delta R.T. -0.03 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

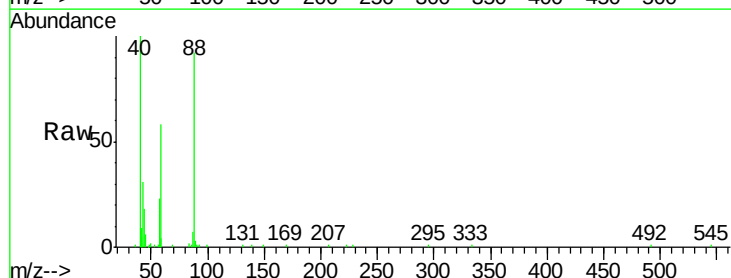
Tgt Ion: 88 Resp: 41344

Ion Ratio Lower Upper

88 100

58 74.0 60.4 90.6

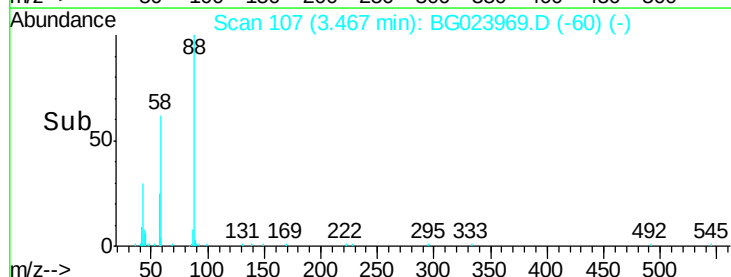
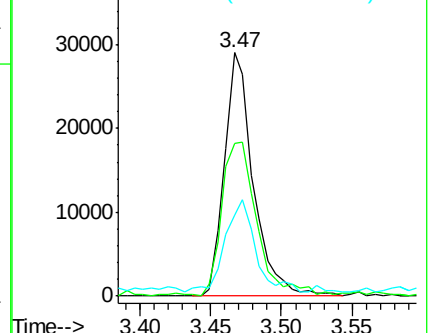
43 40.2 31.1 46.7

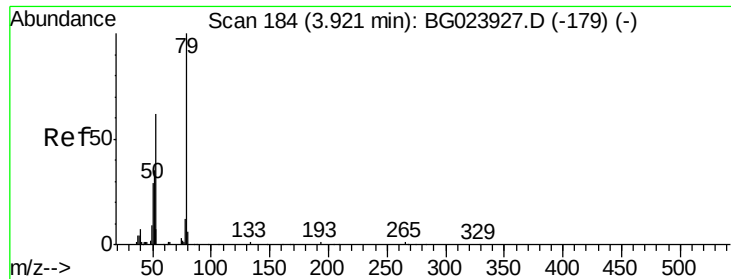


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.42 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.04 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

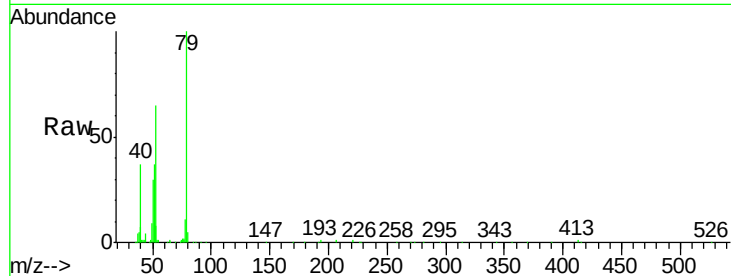
Tgt Ion: 79 Resp: 134792

Ion Ratio Lower Upper

79 100

52 65.2 51.8 77.8

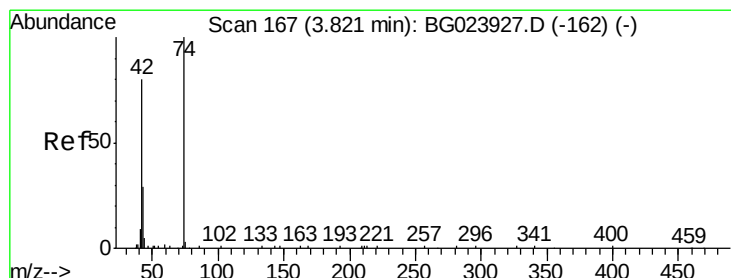
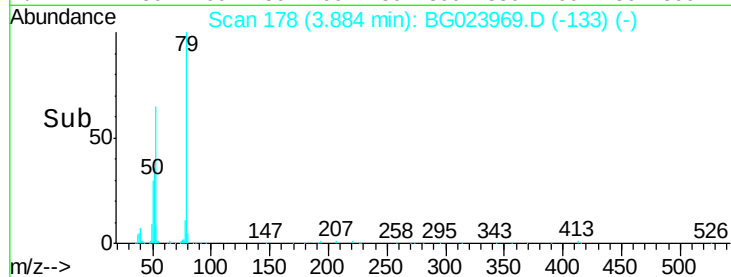
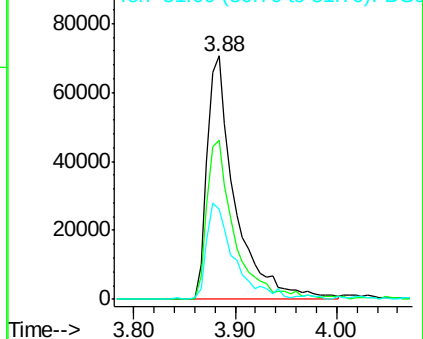
51 36.9 32.7 49.1



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: 45.47 ng

RT: 3.80 min Scan# 163

Delta R.T. -0.03 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

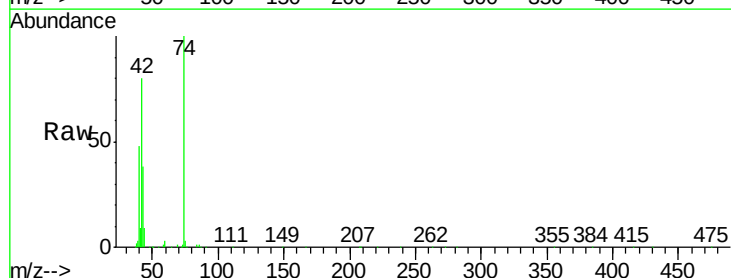
Tgt Ion: 42 Resp: 81954

Ion Ratio Lower Upper

42 100

74 124.9 100.6 150.8

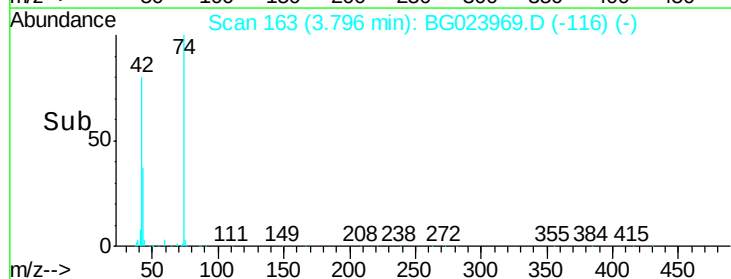
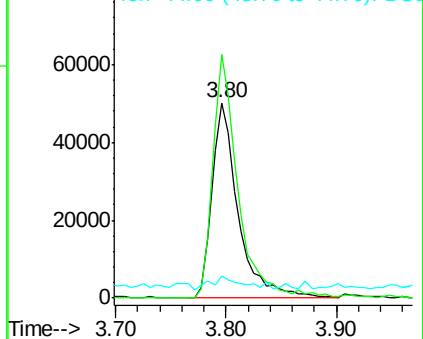
44 11.6 4.5 6.7#

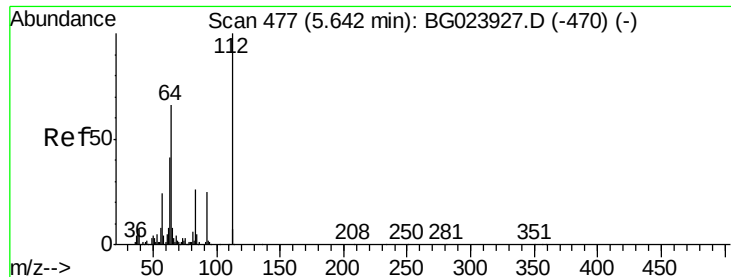


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.56 ng

RT: 5.62 min Scan# 474

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

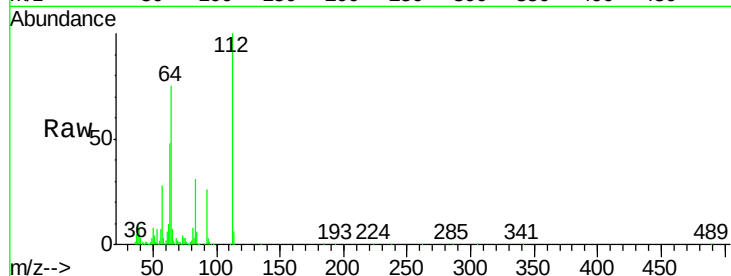
Tgt Ion: 112 Resp: 409808

Ion Ratio Lower Upper

112 100

64 75.3 59.0 88.4

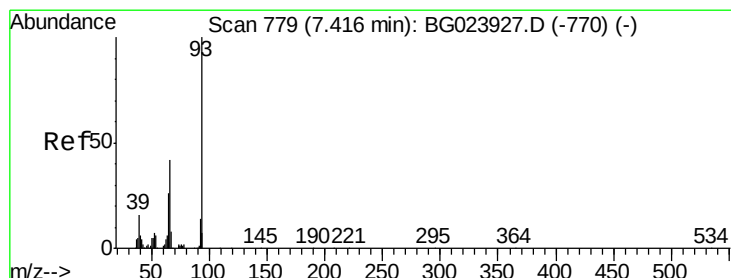
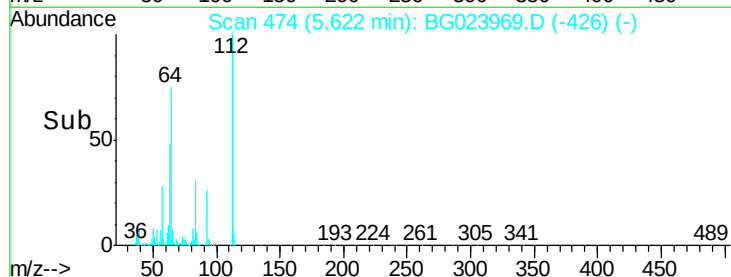
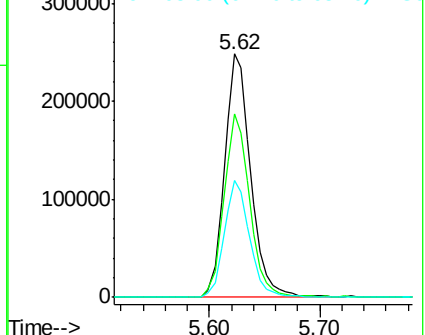
63 48.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.49 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

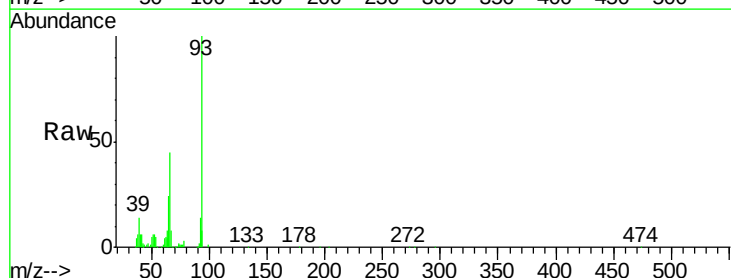
Tgt Ion: 93 Resp: 188769

Ion Ratio Lower Upper

93 100

66 45.0 37.5 56.3

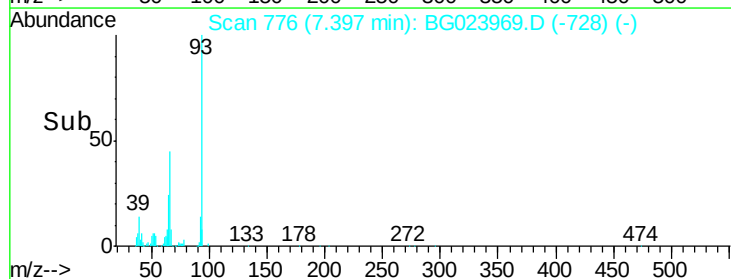
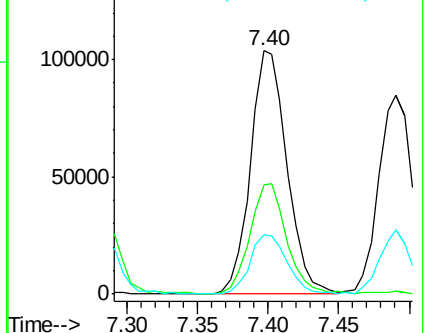
65 24.4 17.9 26.9

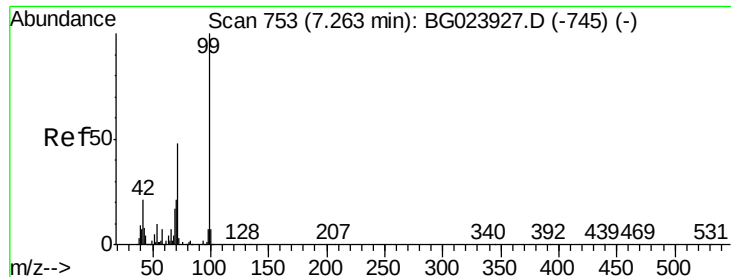


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.23 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

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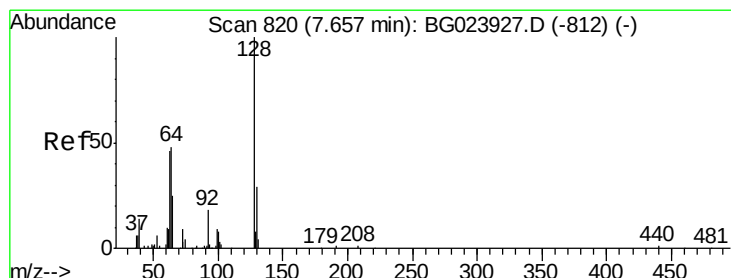
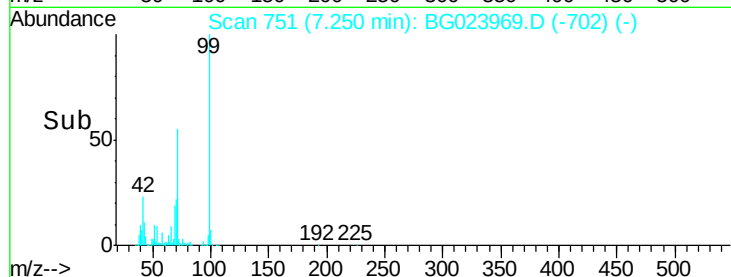
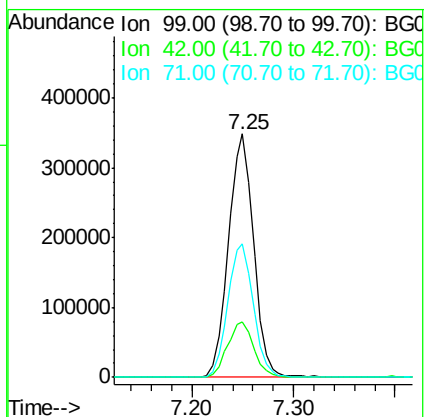
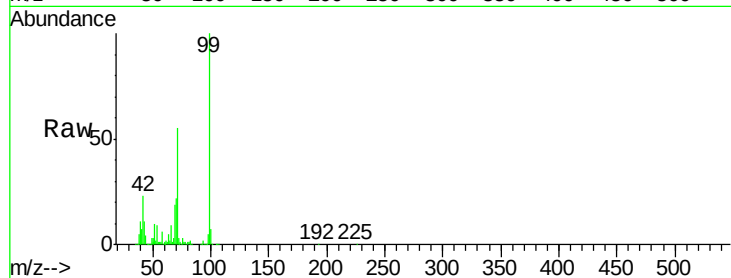
Tgt Ion: 99 Resp: 599701

Ion Ratio Lower Upper

99 100

42 22.8 17.8 26.6

71 55.0 41.5 62.3



#8

2-Chlorophenol

Concen: 43.94 ng

RT: 7.64 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

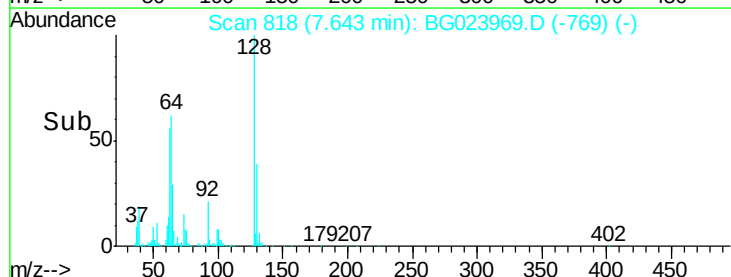
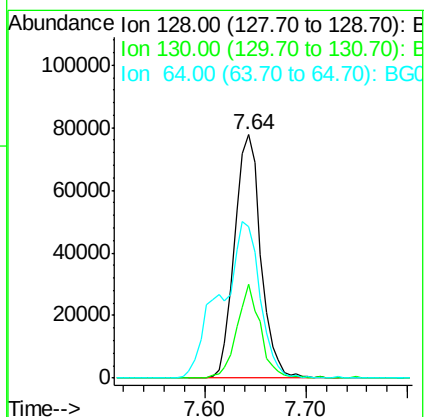
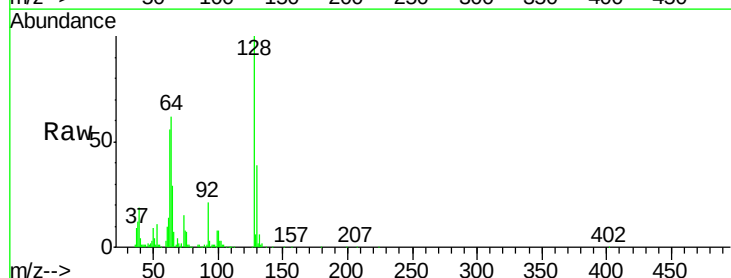
Tgt Ion: 128 Resp: 140424

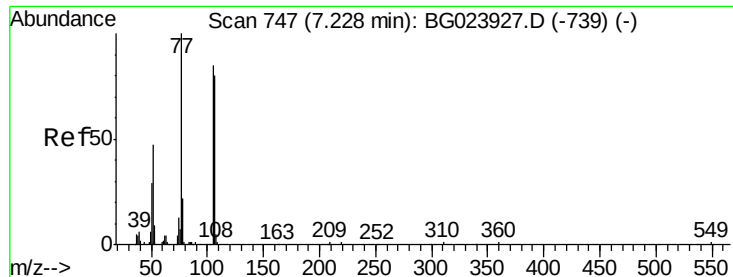
Ion Ratio Lower Upper

128 100

130 38.8 12.9 52.9

64 62.2 42.0 82.0





#9

Benzaldehyde

Concen: 7.79 ng

RT: 7.21 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

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PB93297BS

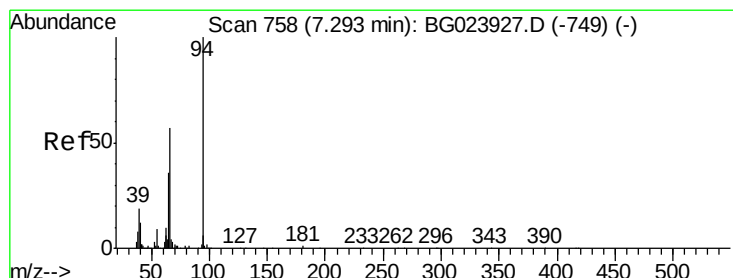
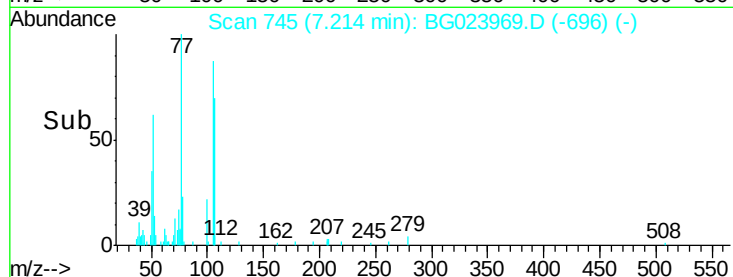
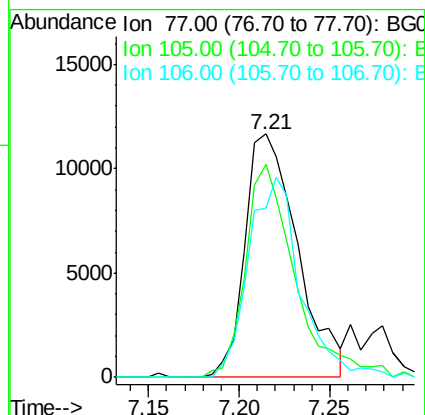
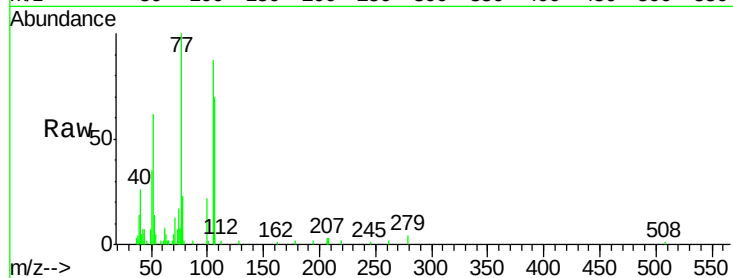
Tgt Ion: 77 Resp: 23497

Ion Ratio Lower Upper

77 100

105 87.4 58.7 98.7

106 69.8 67.5 107.5



#10

Phenol

Concen: 45.56 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

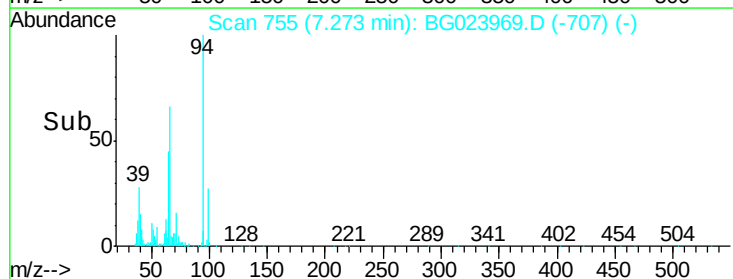
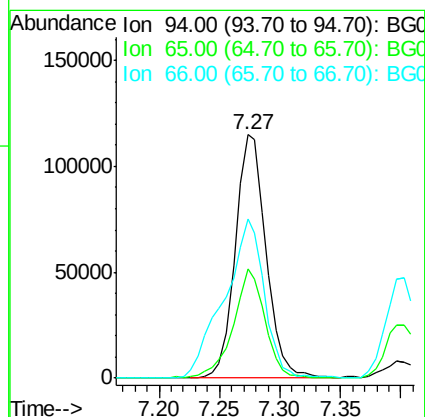
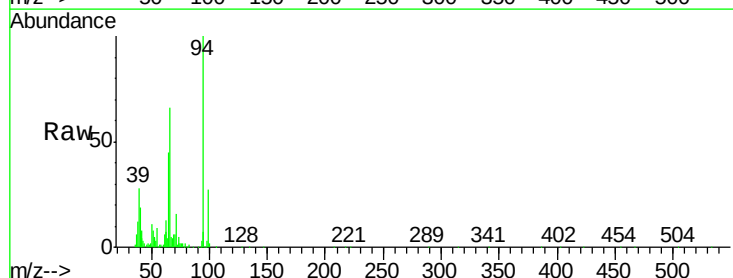
Tgt Ion: 94 Resp: 203534

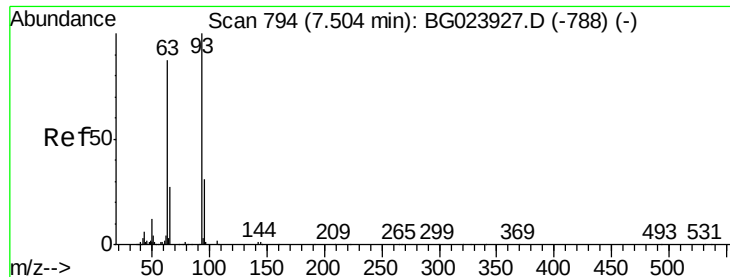
Ion Ratio Lower Upper

94 100

65 44.8 18.1 58.1

66 65.6 42.1 82.1

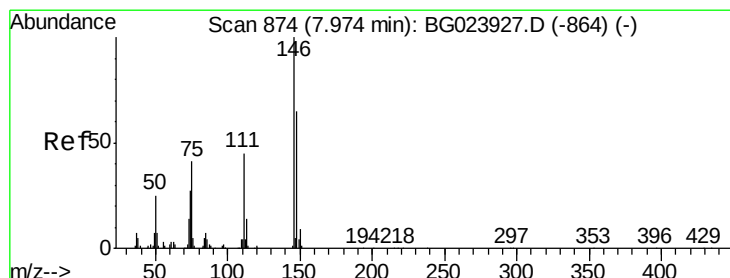
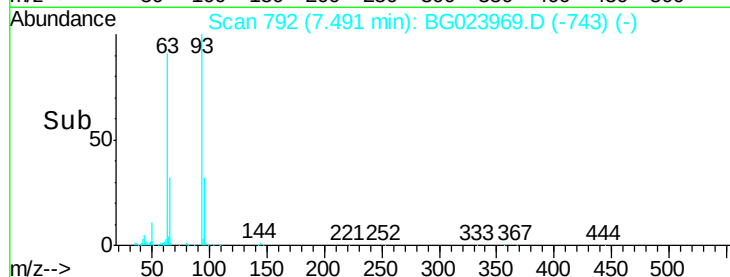
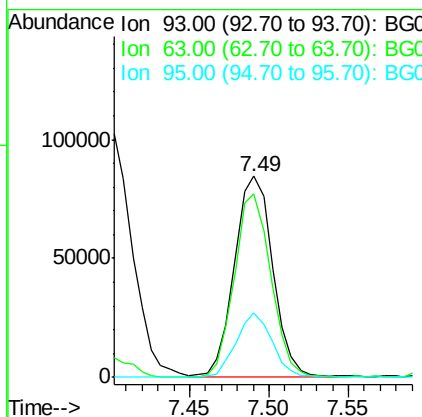
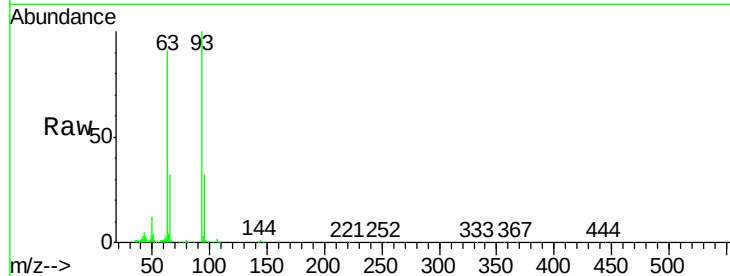




#11
bis(2-Chloroethyl)ether
Concen: 40.62 ng
RT: 7.49 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

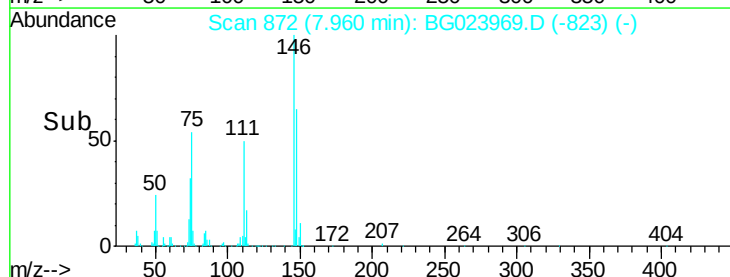
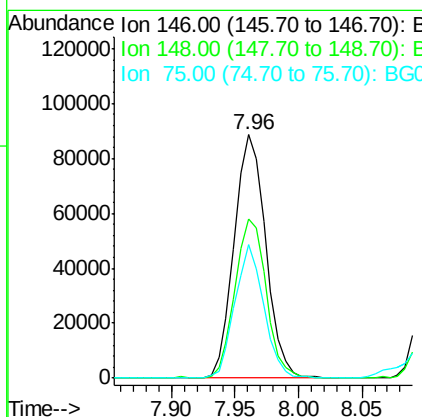
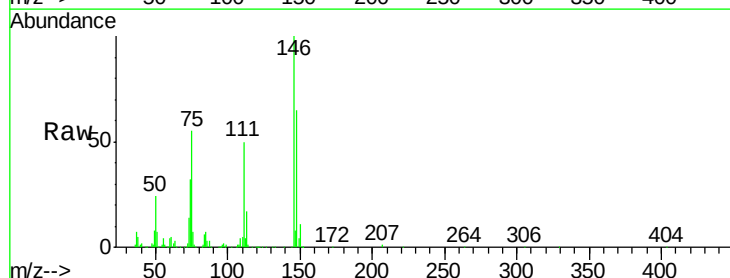
Instrument :
BNA_G
ClientSampleId :
PB93297BS

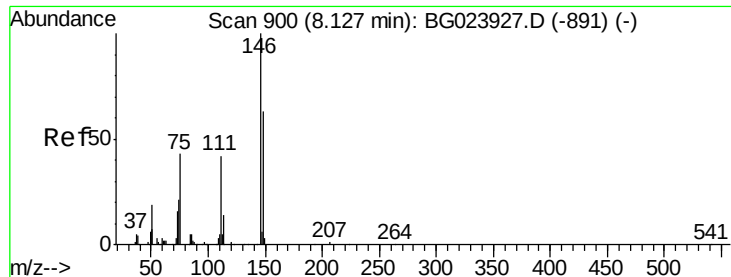
Tgt Ion: 93 Resp: 142761
Ion Ratio Lower Upper
93 100
63 91.2 55.0 95.0
95 31.7 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 40.87 ng
RT: 7.96 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion: 146 Resp: 152852
Ion Ratio Lower Upper
146 100
148 65.3 50.3 75.5
75 54.7 37.0 55.6

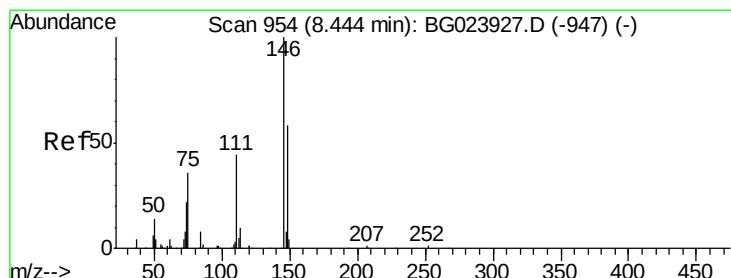
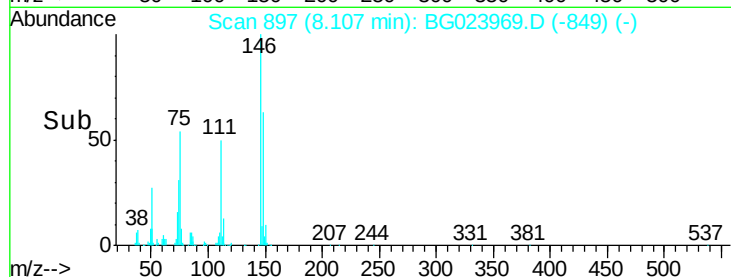
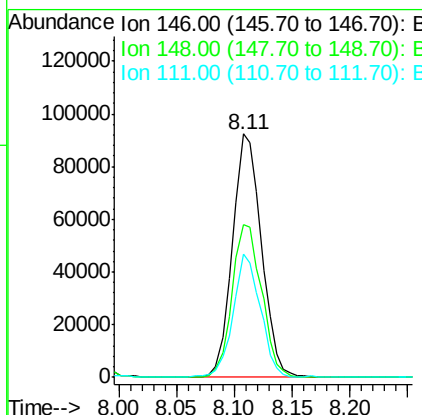
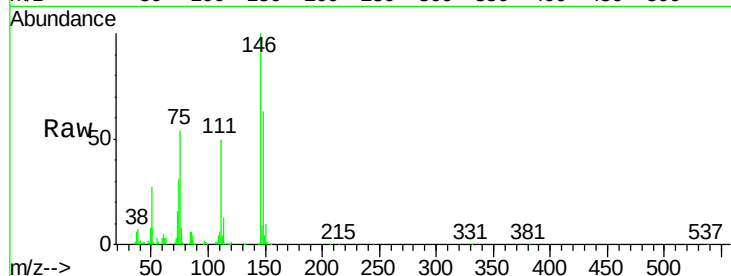




#13
 1,4-Dichlorobenzene
 Concen: 40.53 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

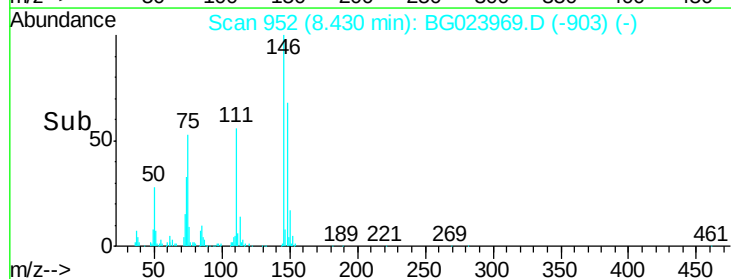
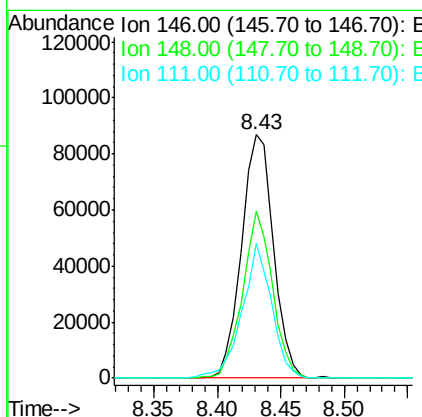
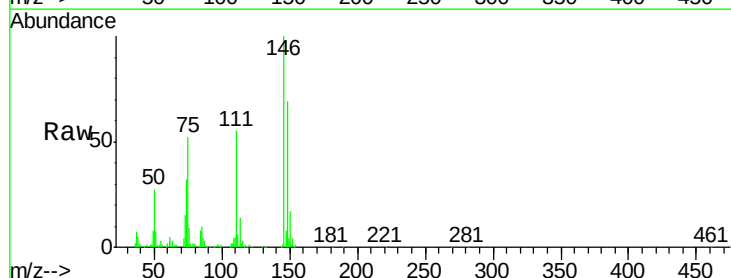
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

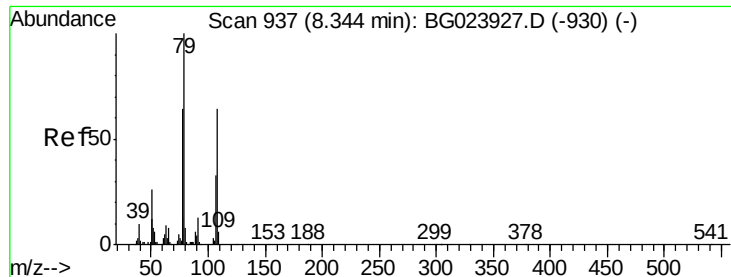
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	54.5	81.7
111	50.4	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 41.00 ng
 RT: 8.43 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	52.9	79.3
111	55.4	43.5	65.3

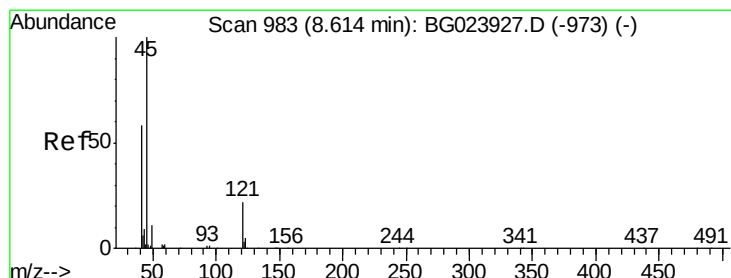
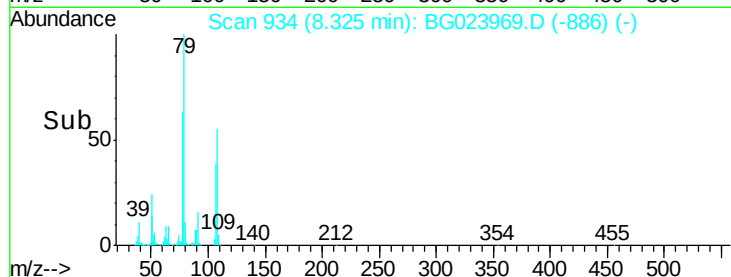
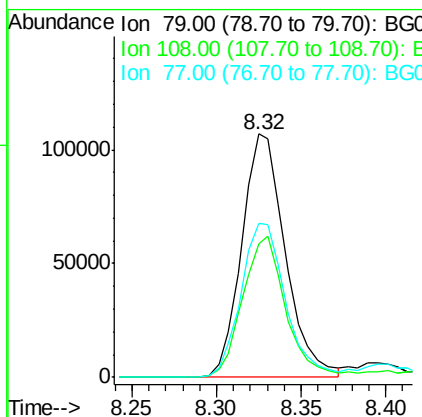
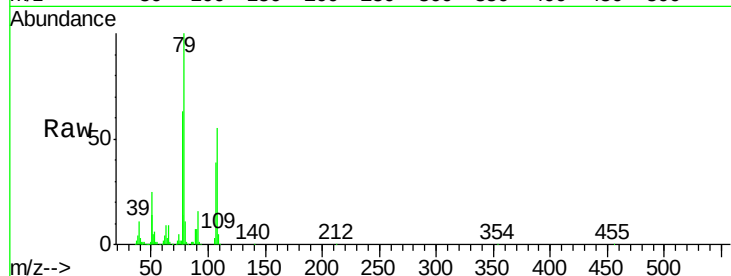




#15
Benzyl Alcohol
Concen: 51.22 ng
RT: 8.32 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

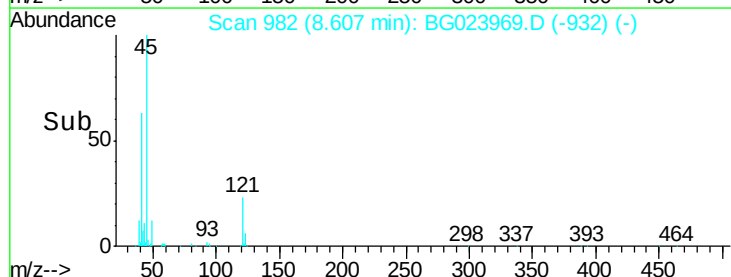
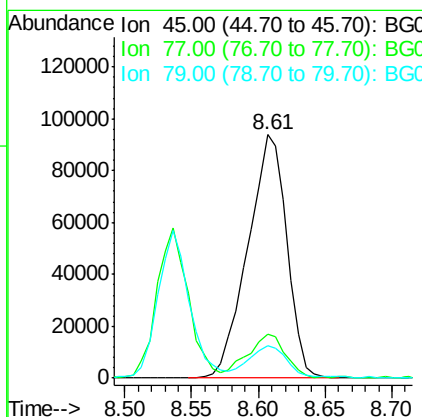
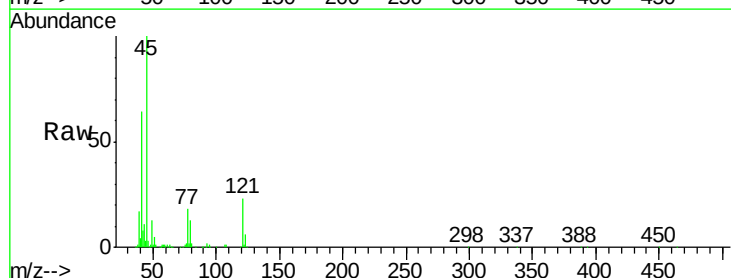
Instrument :
BNA_G
ClientSampleId :
PB93297BS

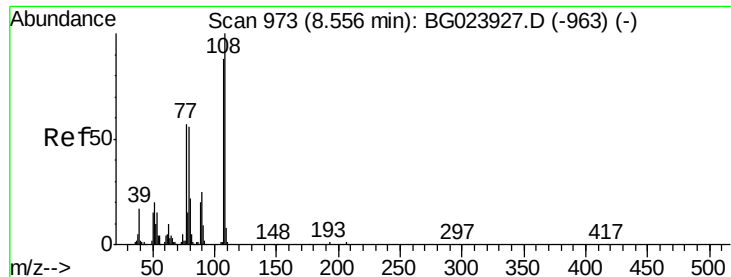
Tgt Ion: 79 Resp: 191767
Ion Ratio Lower Upper
79 100
108 55.0 46.5 69.7
77 63.5 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.17 ng
RT: 8.61 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion: 45 Resp: 189229
Ion Ratio Lower Upper
45 100
77 18.3 0.6 40.6
79 13.2 0.0 36.2





#17

2-Methylphenol

Concen: 45.27 ng

RT: 8.54 min Scan# 970

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

Tgt Ion:107 Resp: 136251

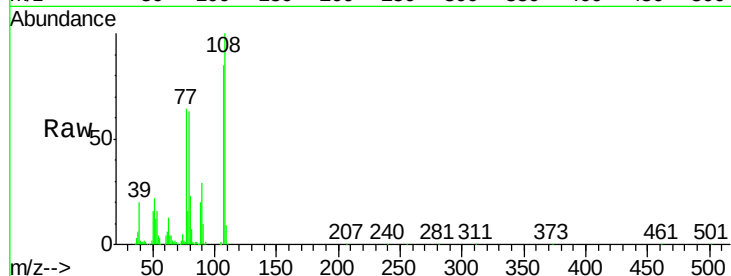
Ion Ratio Lower Upper

107 100

108 117.7 92.0 138.0

77 75.2 55.8 83.6

79 74.4 55.0 82.6

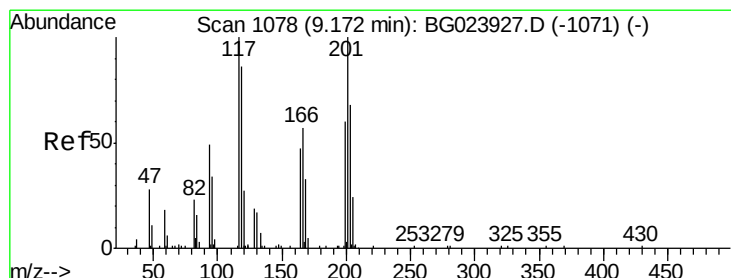
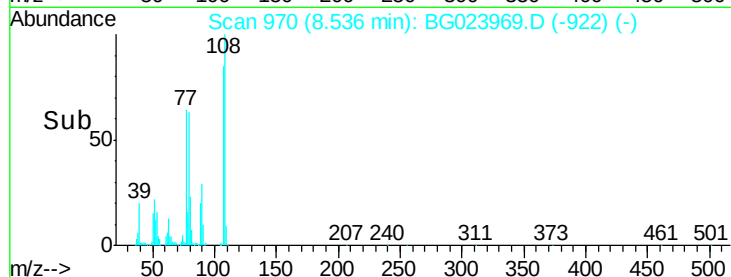
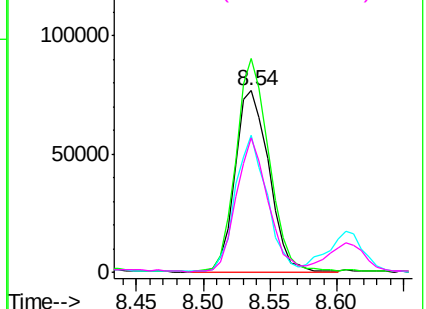


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.06 ng

RT: 9.16 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

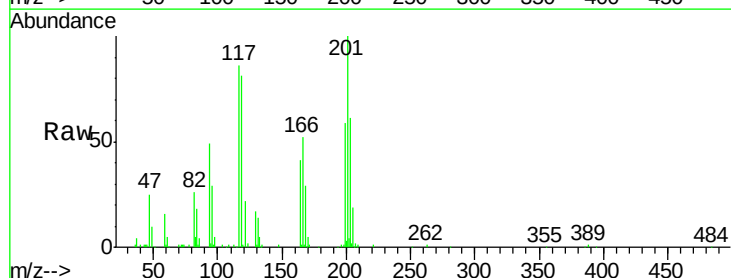
Tgt Ion:117 Resp: 67230

Ion Ratio Lower Upper

117 100

119 93.9 73.7 110.5

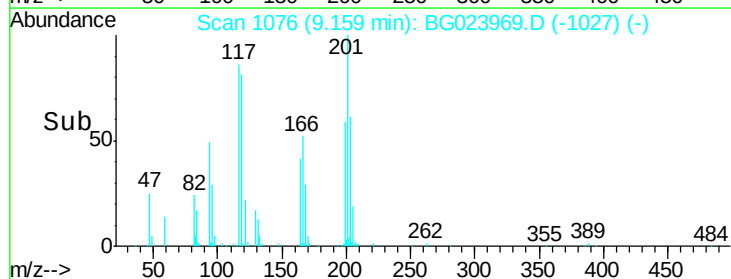
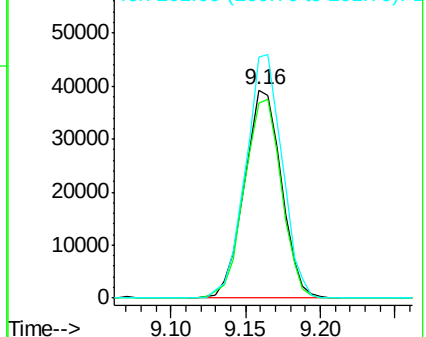
201 116.0 88.7 133.1

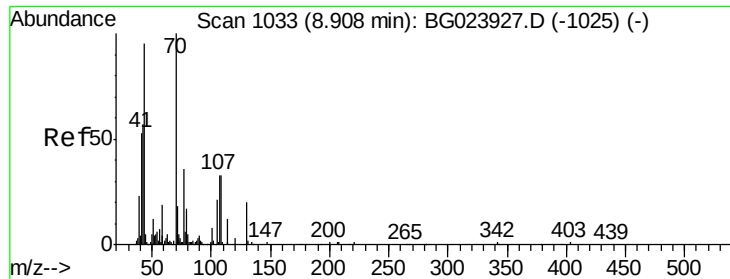


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

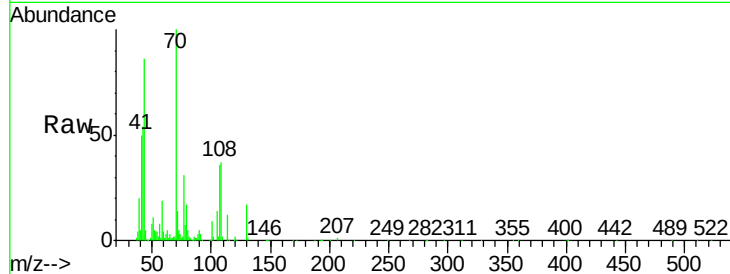




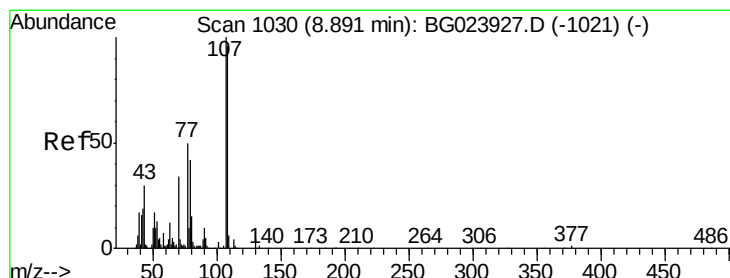
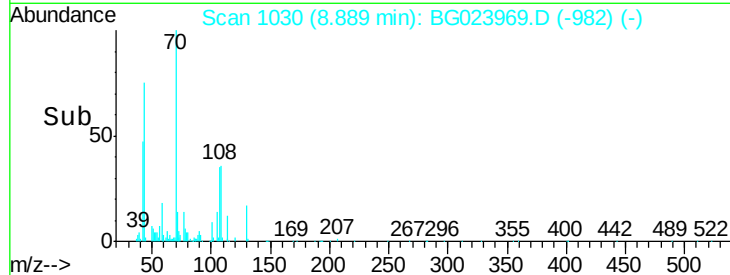
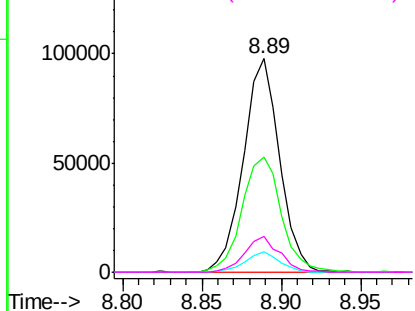
#19
n-Nitroso-di-n-propylamine
Concen: 41.32 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Instrument :
BNA_G
ClientSampleId :
PB93297BS

Tgt Ion:	70	Resp:	155007
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.1	63.1
101	9.4	7.2	10.8
130	16.8	14.2	21.2

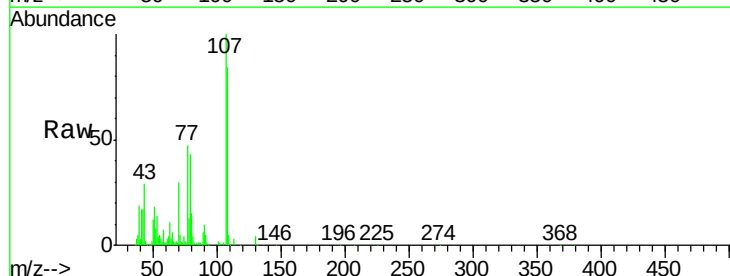


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

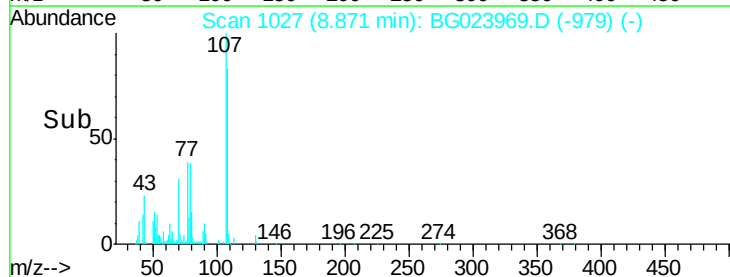
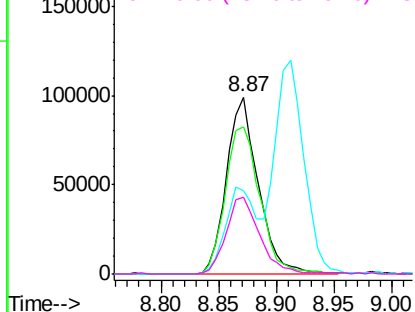


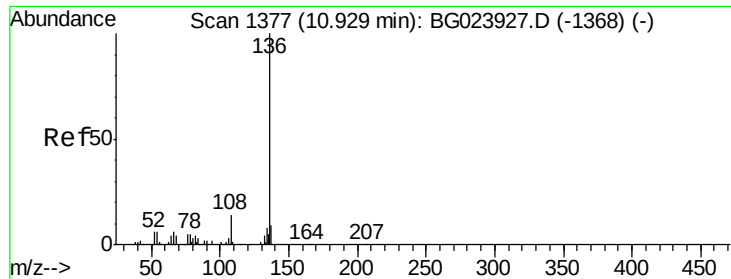
#20
3+4-Methylphenols
Concen: 45.08 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:	107	Resp:	189093
Ion	Ratio	Lower	Upper
107	100		
108	83.5	72.5	112.5
77	47.0	30.1	70.1
79	43.4	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

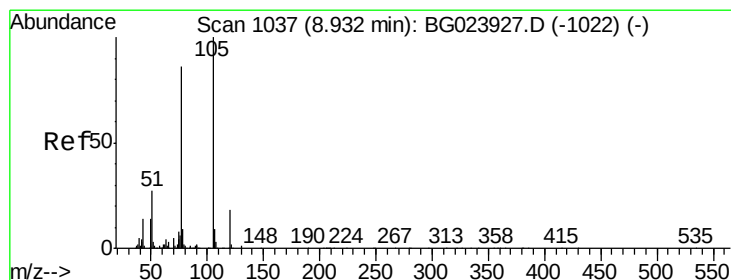
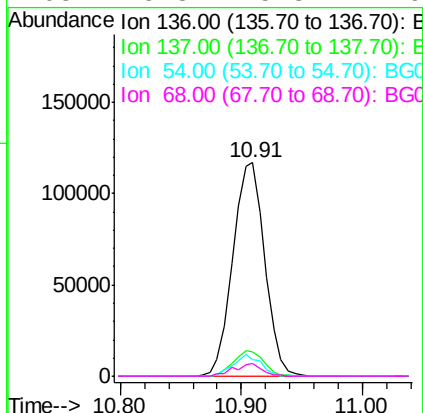
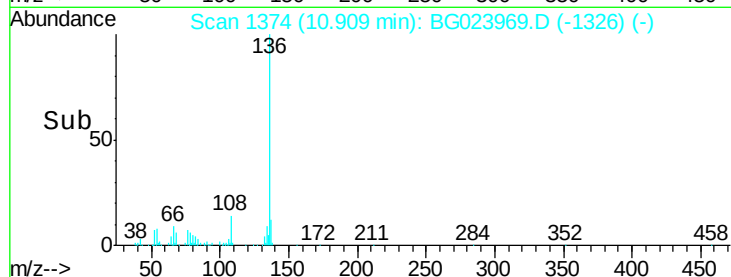
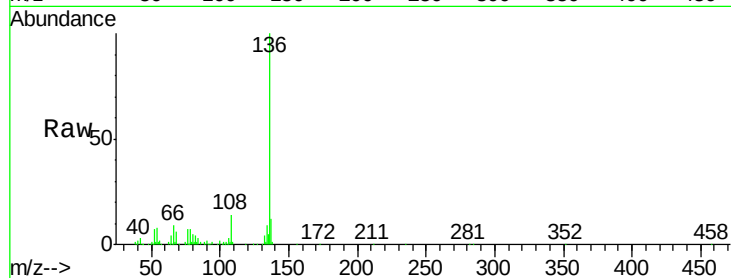




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

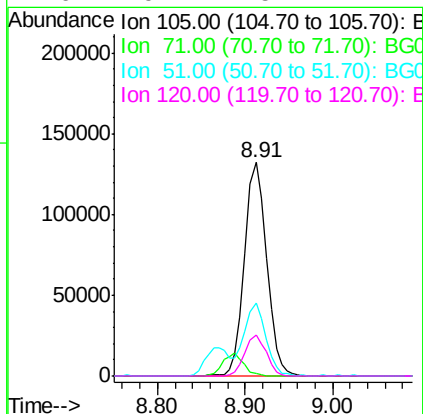
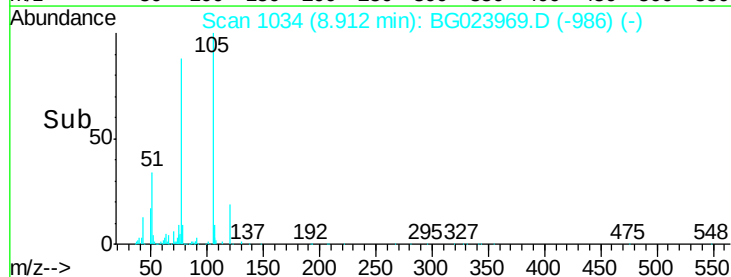
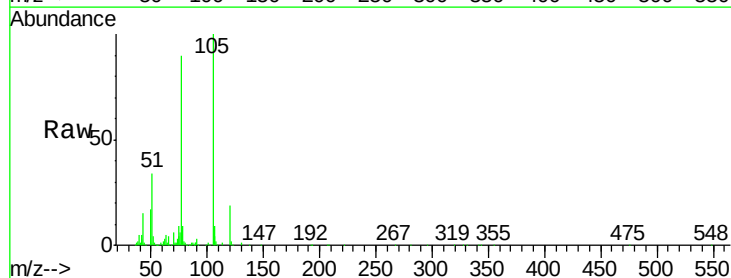
Instrument :
BNA_G
ClientSampleId :
PB93297BS

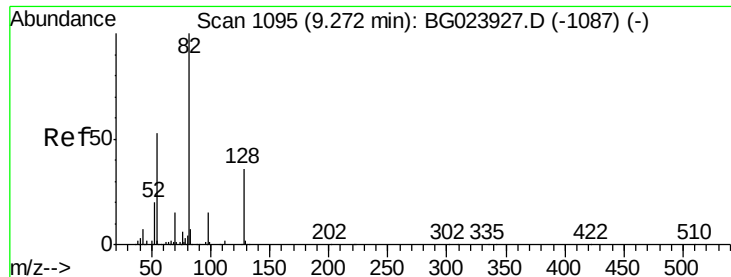
Tgt Ion:	136	Resp:	214844
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	8.0	7.3	10.9
68	5.8	5.3	7.9



#22
Acetophenone
Concen: 40.66 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:	105	Resp:	226180
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	34.3	27.1	40.7
120	19.2	15.1	22.7

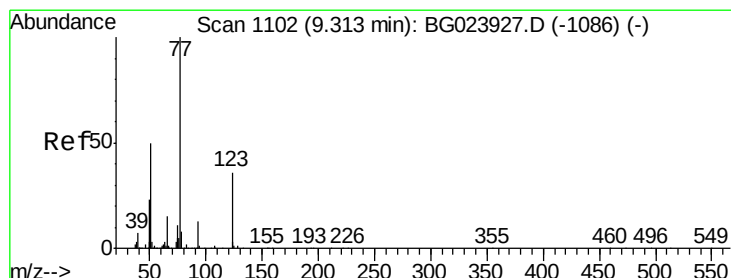
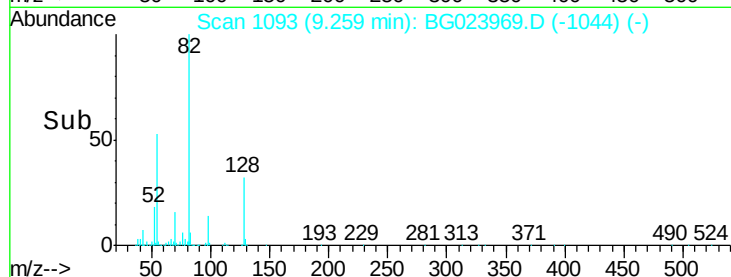
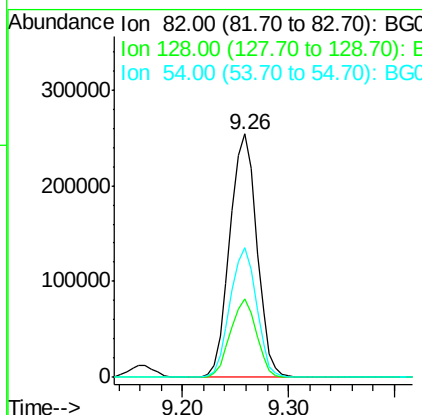
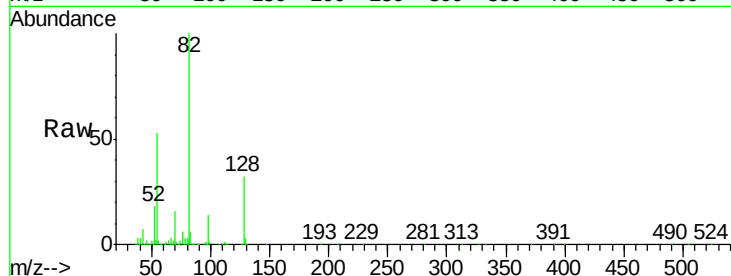




#23
 Nitrobenzene-d5
 Concen: 93.43 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

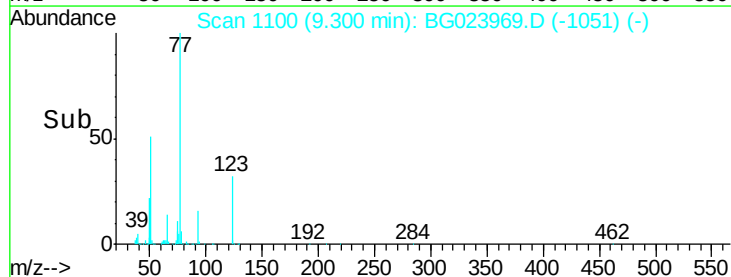
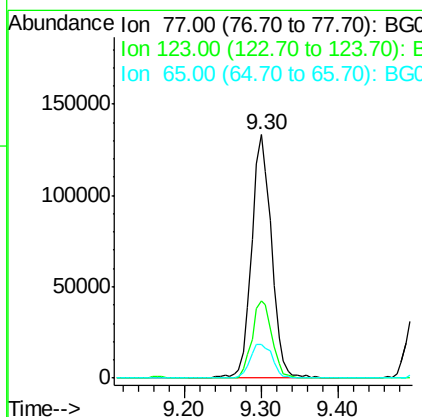
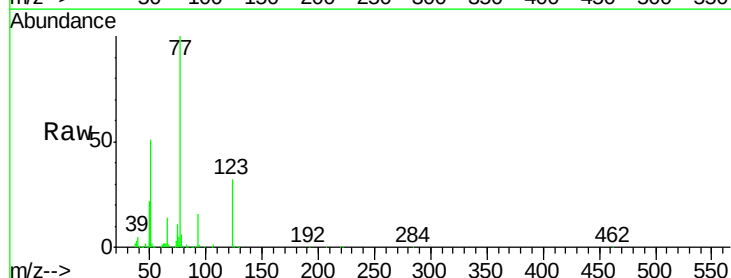
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

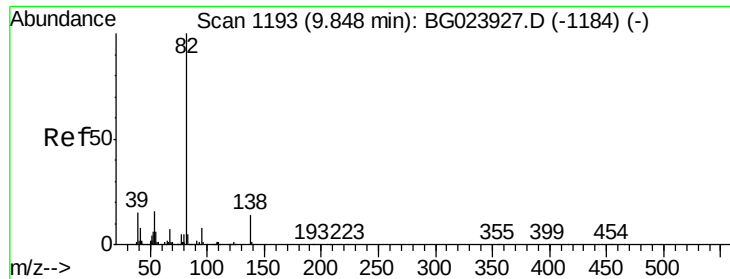
Tgt Ion: 82 Resp: 449604
 Ion Ratio Lower Upper
 82 100
 128 32.0 24.4 36.6
 54 53.2 41.4 62.0



#24
 Nitrobenzene
 Concen: 46.59 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion: 77 Resp: 241073
 Ion Ratio Lower Upper
 77 100
 123 31.8 25.0 37.6
 65 13.6 13.4 20.0

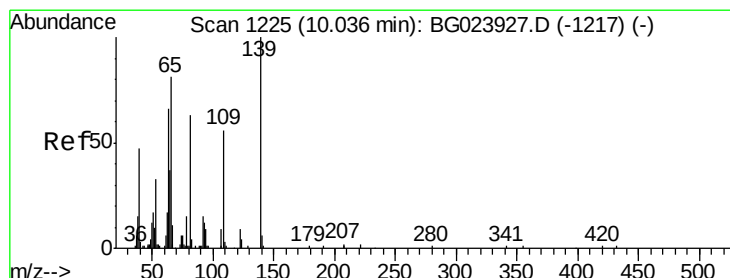
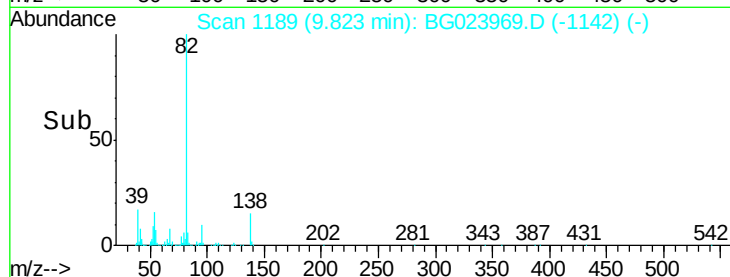
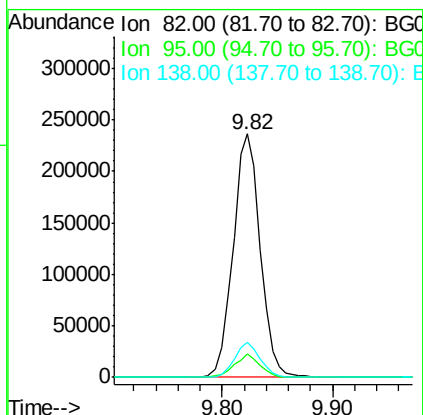
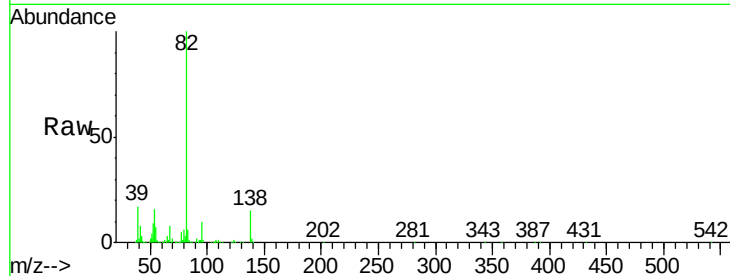




#25
Isophorone
Concen: 43.42 ng
RT: 9.82 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

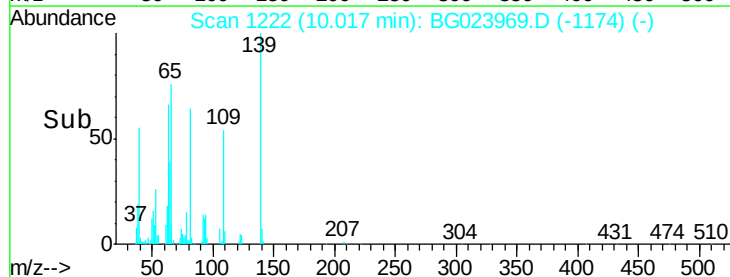
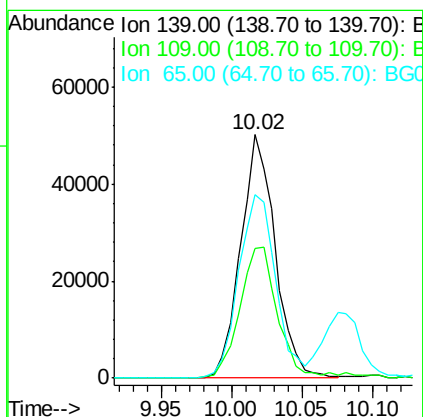
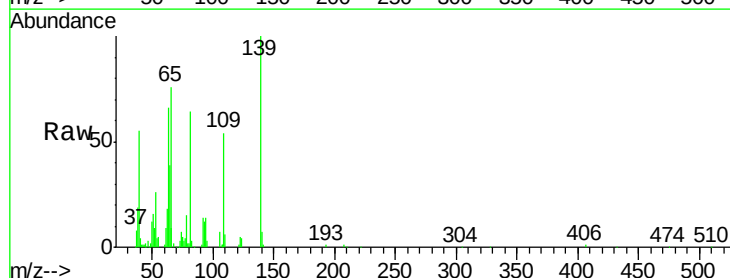
Instrument :
BNA_G
ClientSampleId :
PB93297BS

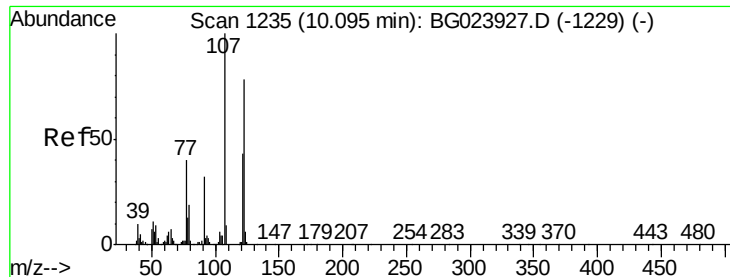
Tgt Ion: 82 Resp: 405191
Ion Ratio Lower Upper
82 100
95 9.5 8.2 12.2
138 14.6 10.7 16.1



#26
2-Nitrophenol
Concen: 43.74 ng
RT: 10.02 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion: 139 Resp: 86054
Ion Ratio Lower Upper
139 100
109 53.5 43.5 65.3
65 75.5 64.3 96.5

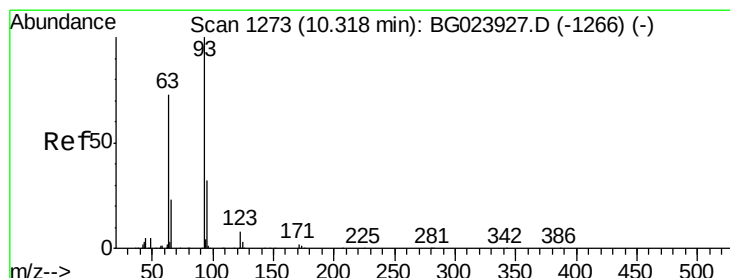
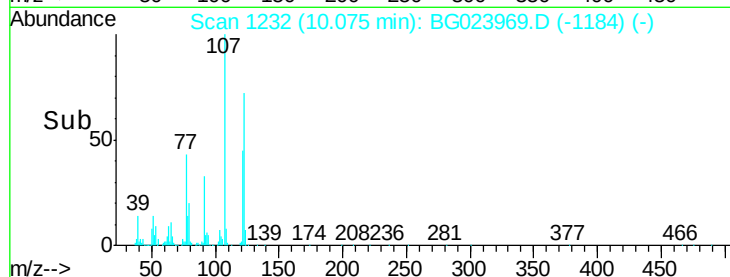
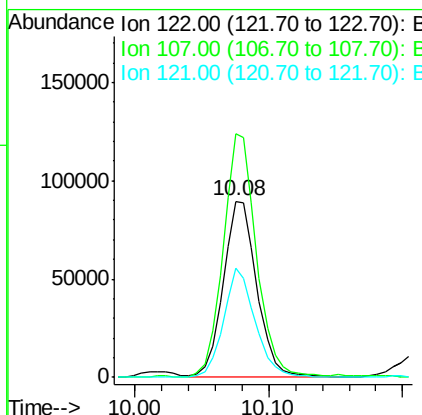
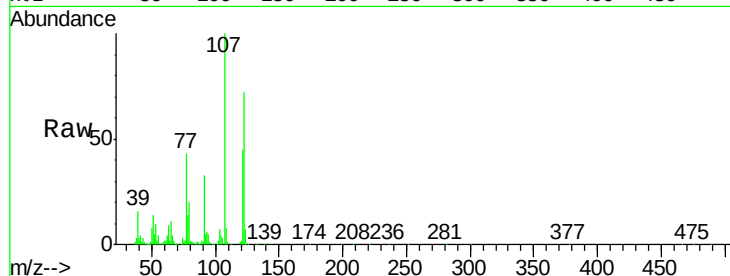




#27
2,4-Dimethylphenol
Concen: 46.59 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

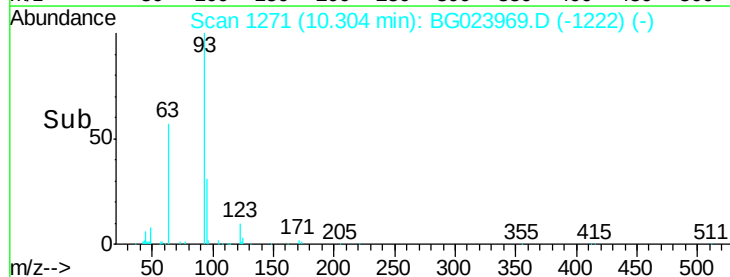
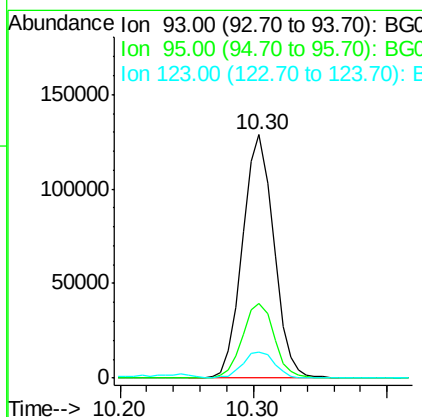
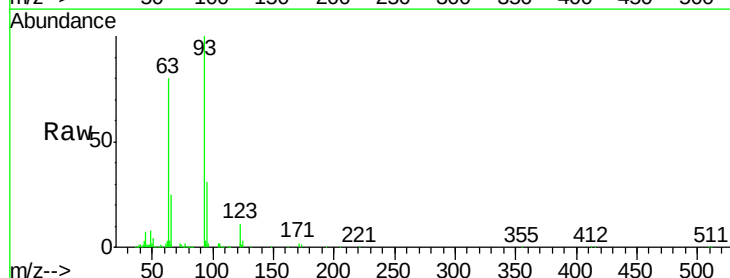
Instrument :
BNA_G
ClientSampleId :
PB93297BS

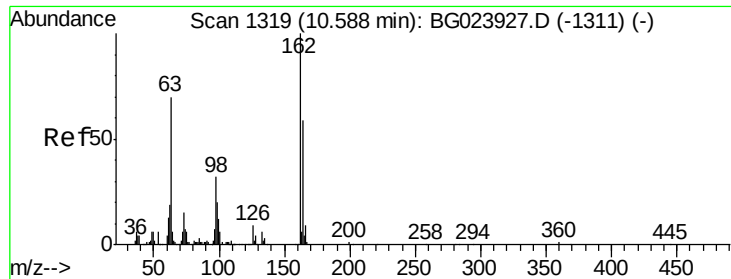
Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.3	117.0	175.4
121	62.0	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.20 ng
RT: 10.30 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.4	38.2
123	10.8	8.2	12.2

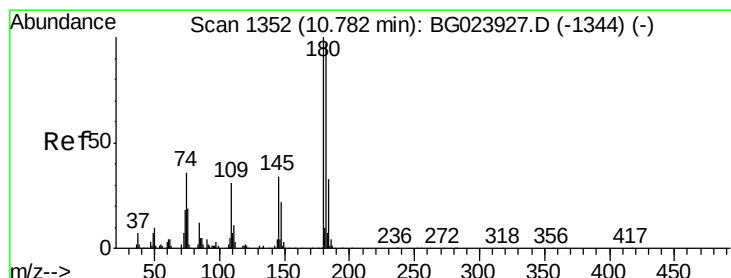
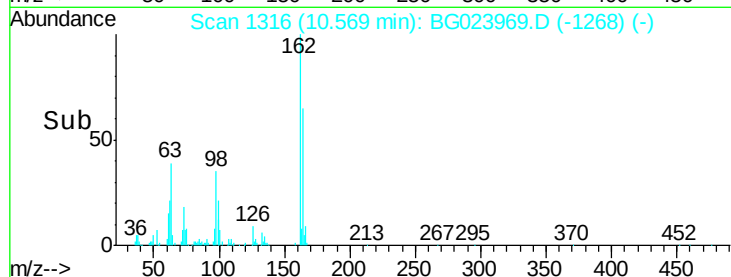
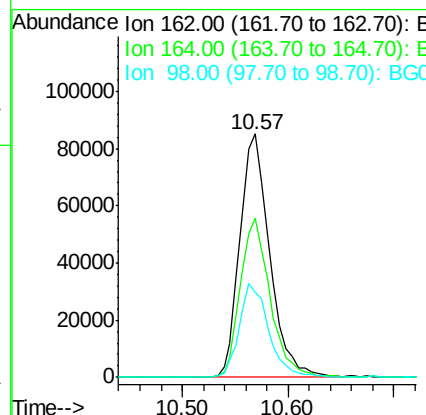
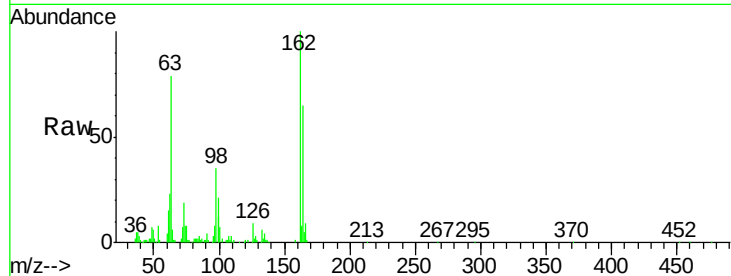




#29
2,4-Dichlorophenol
Concen: 46.85 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

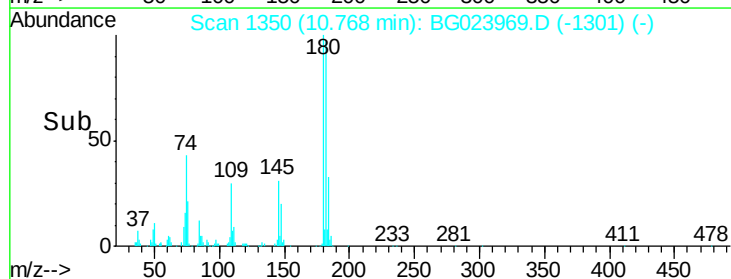
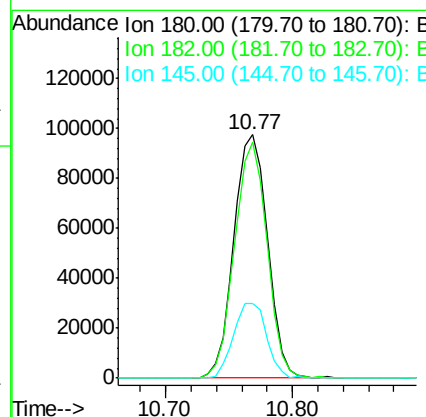
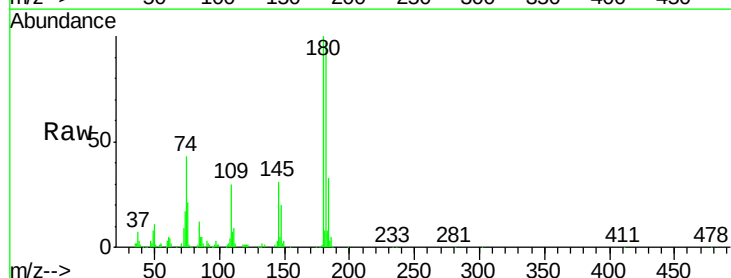
Instrument :
BNA_G
ClientSampleId :
PB93297BS

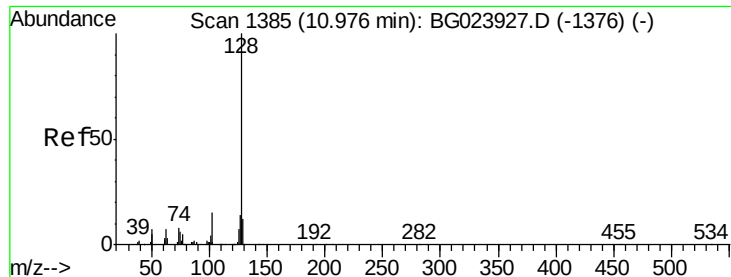
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.3	84.3
98	35.0	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 46.10 ng
RT: 10.77 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	73.8	110.8
145	30.7	24.4	36.6

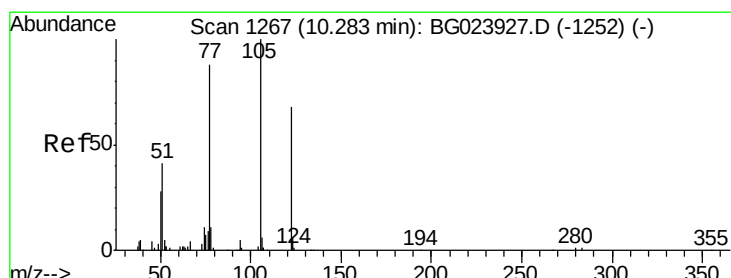
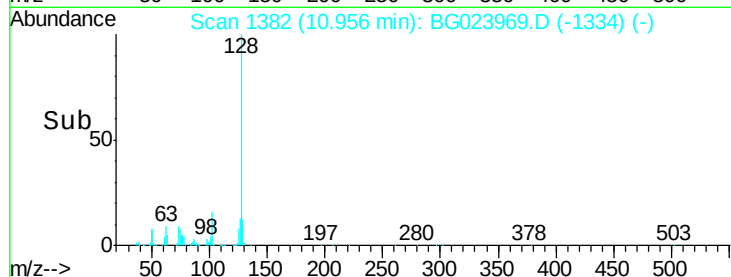
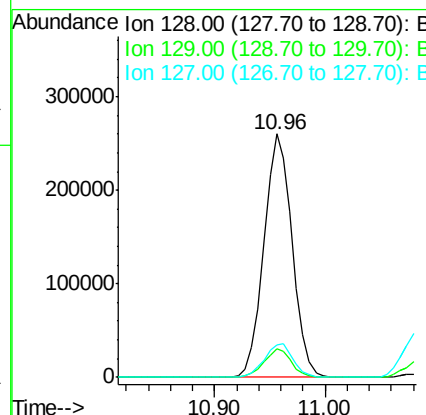
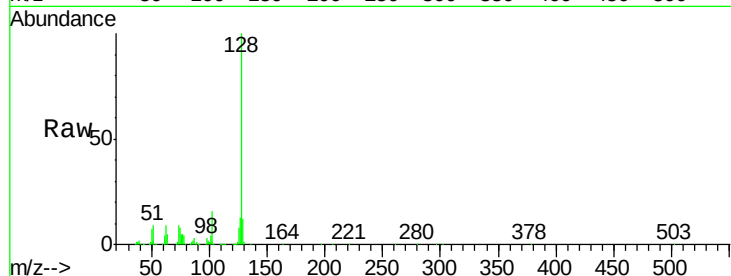




#31
Naphthalene
Concen: 42.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

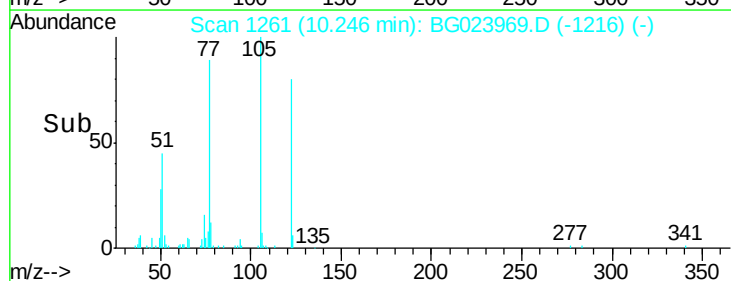
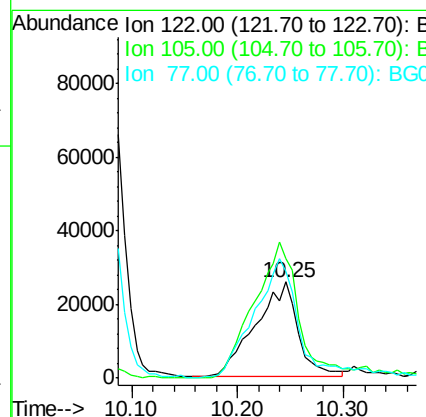
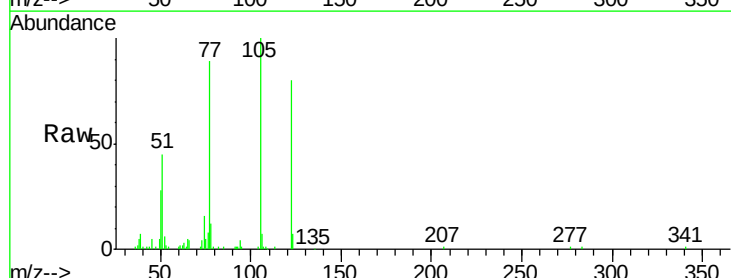
Instrument :
BNA_G
ClientSampleId :
PB93297BS

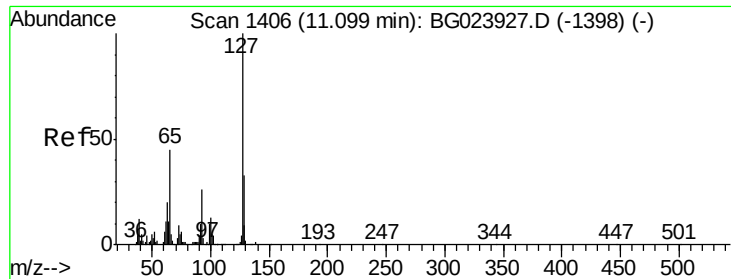
Tgt Ion:128 Resp: 464907
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.2 11.3 16.9



#32
Benzoic acid
Concen: 26.62 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.04 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:122 Resp: 72284
Ion Ratio Lower Upper
122 100
105 125.1 117.2 157.2
77 111.6 109.2 149.2

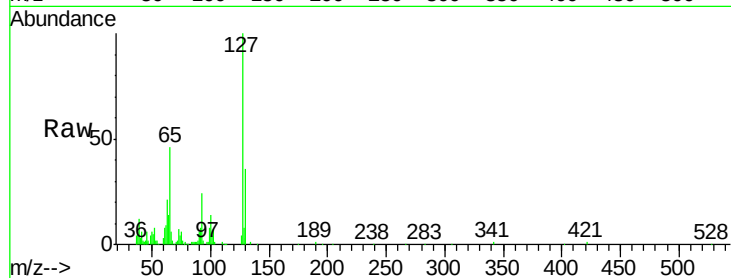




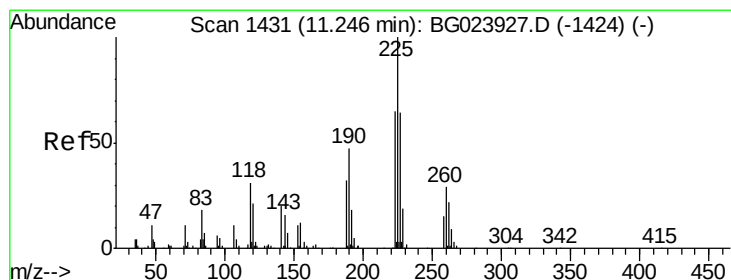
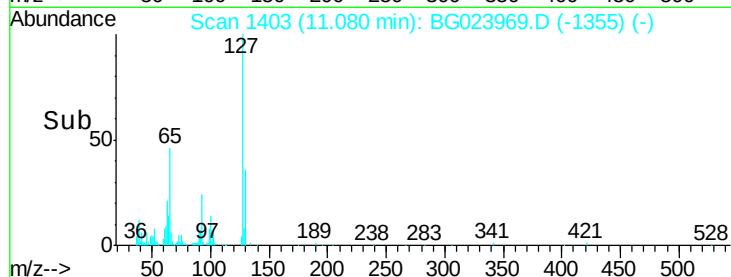
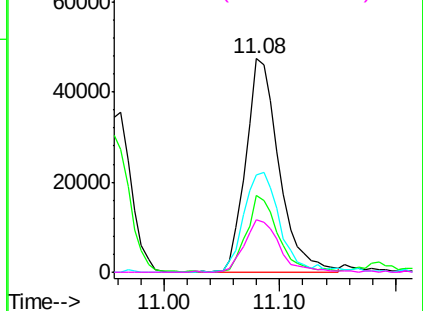
#33
4-Chloroaniline
Concen: 20.55 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Instrument :
BNA_G
ClientSampleId :
PB93297BS

Tgt Ion:	127	Resp:	94982
Ion	Ratio	Lower	Upper
127	100		
129	36.1	27.9	41.9
65	45.7	36.8	55.2
92	24.3	21.0	31.6

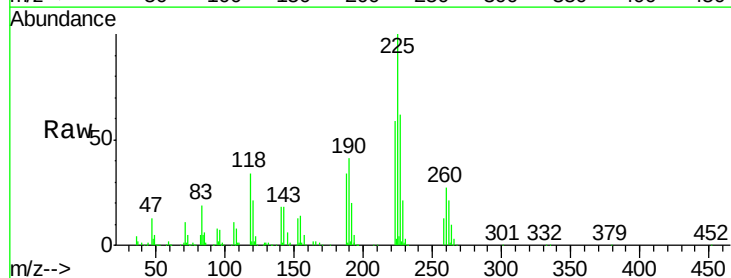


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

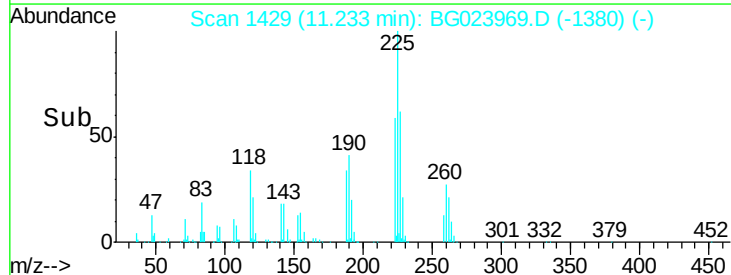
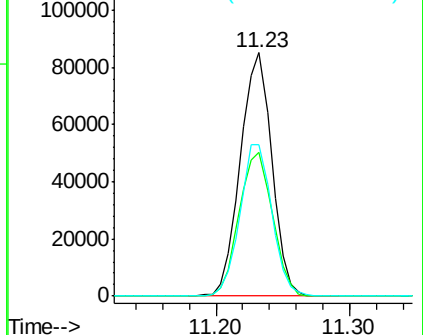


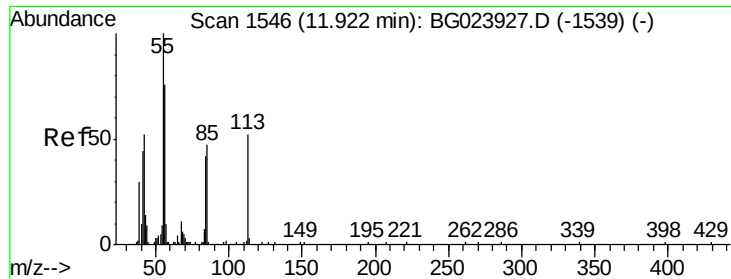
#34
Hexachlorobutadiene
Concen: 47.56 ng
RT: 11.23 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:	225	Resp:	138785
Ion	Ratio	Lower	Upper
225	100		
223	59.0	49.6	74.4
227	62.4	54.5	81.7



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





#35

Caprolactam

Concen: 41.88 ng m

RT: 11.88 min Scan# 1539

Delta R.T. -0.04 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

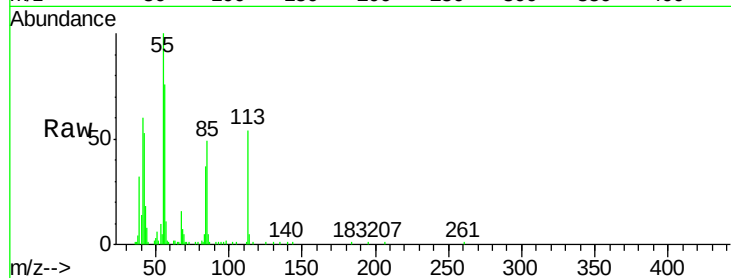
Tgt Ion:113 Resp: 52289

Ion Ratio Lower Upper

113 100

55 184.1 154.5 194.5

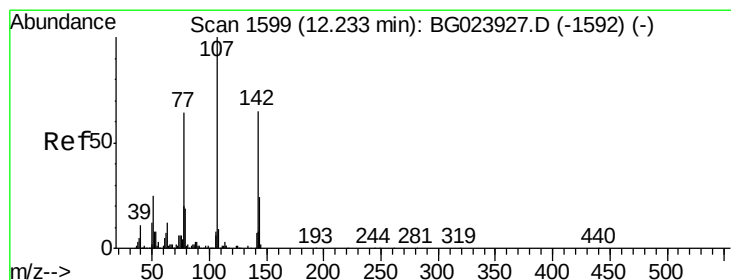
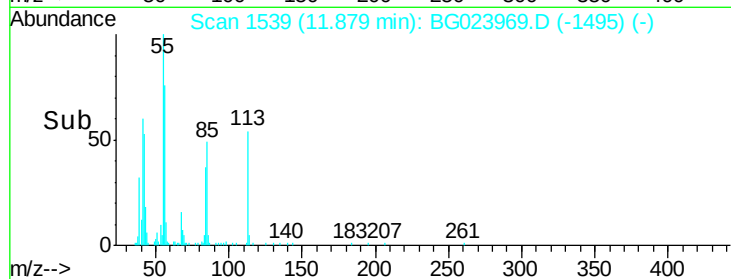
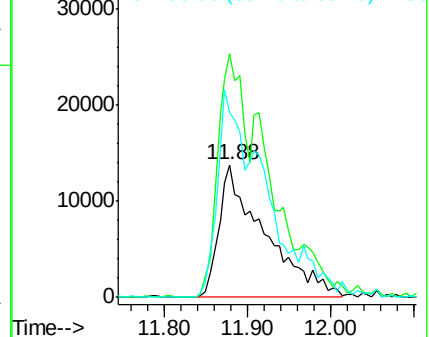
56 139.4 125.1 165.1



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: 42.18 ng

RT: 12.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

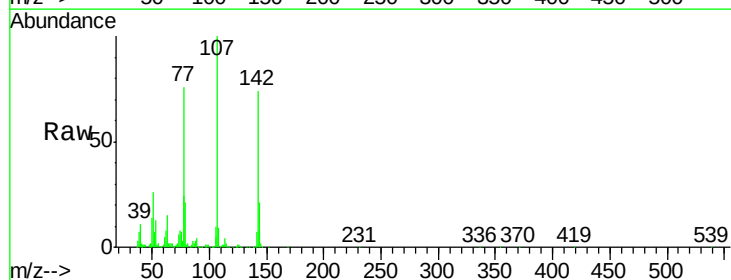
Tgt Ion:107 Resp: 199643

Ion Ratio Lower Upper

107 100

144 21.5 17.0 25.6

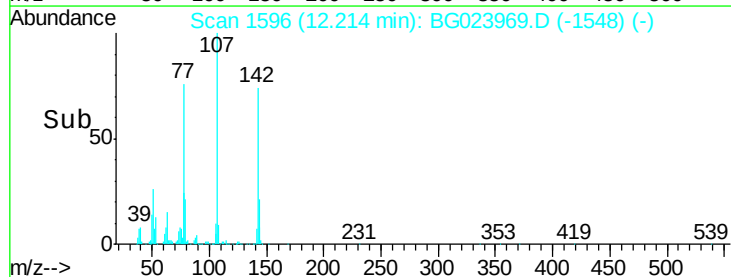
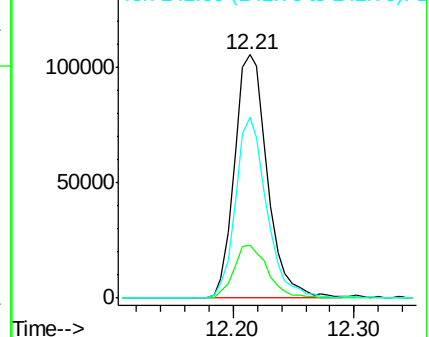
142 74.2 53.0 79.6

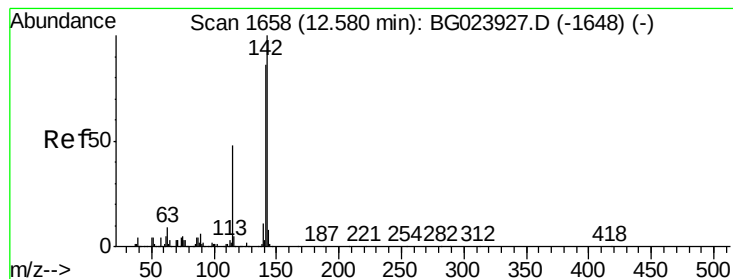


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.51 ng

RT: 12.57 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

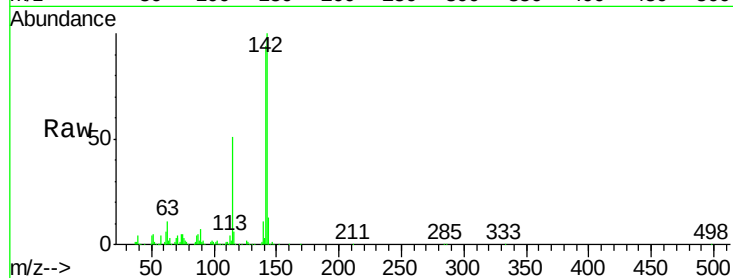
Tgt Ion:142 Resp: 366422

Ion Ratio Lower Upper

142 100

141 94.0 70.2 105.2

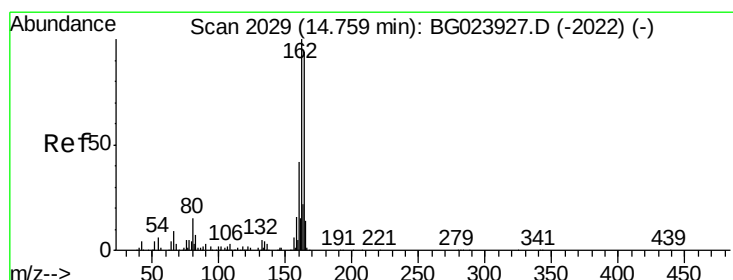
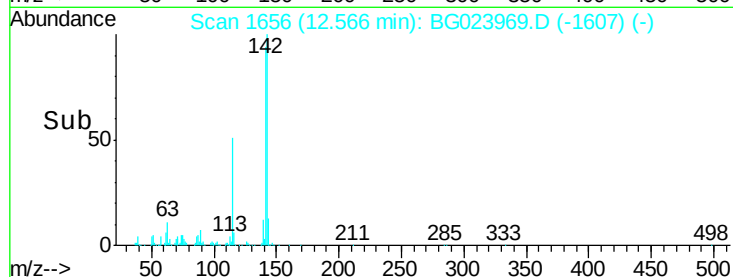
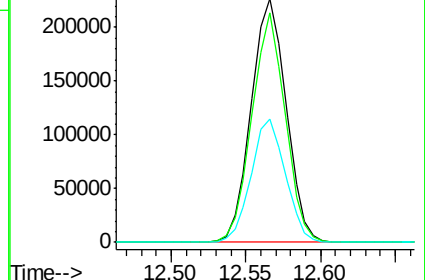
115 50.7 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

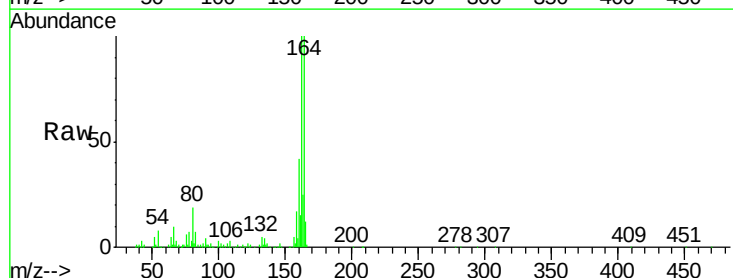
Tgt Ion:164 Resp: 157904

Ion Ratio Lower Upper

164 100

162 100.3 87.7 131.5

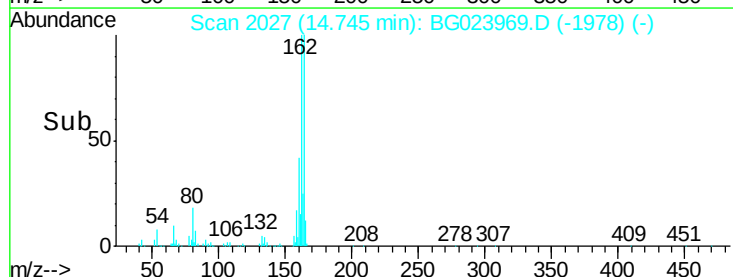
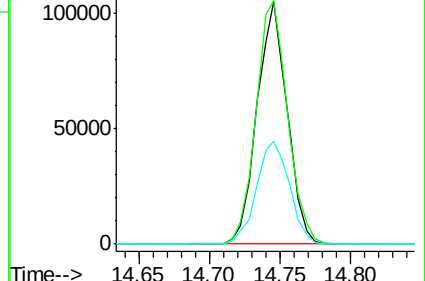
160 42.4 37.2 55.8

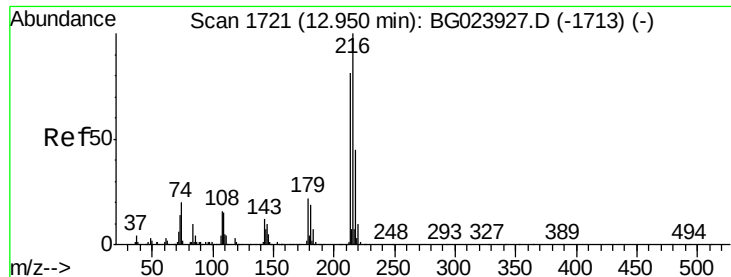


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.70 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

Tgt Ion:216 Resp: 208090

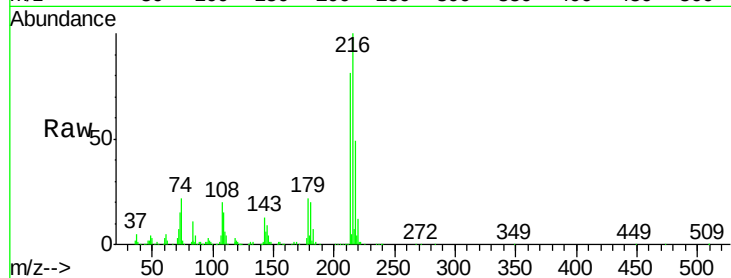
Ion Ratio Lower Upper

216 100

214 78.3 62.9 94.3

179 21.4 17.2 25.8

108 22.7 16.3 24.5

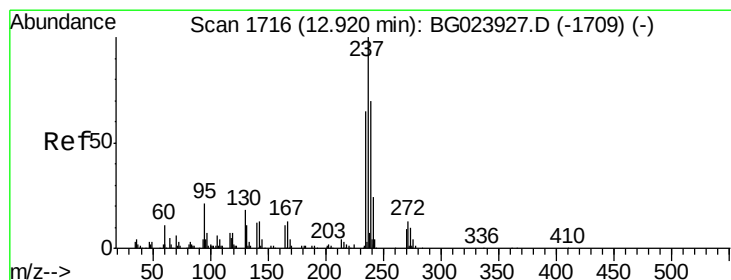
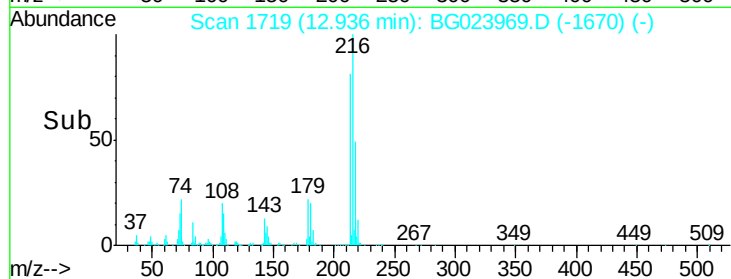
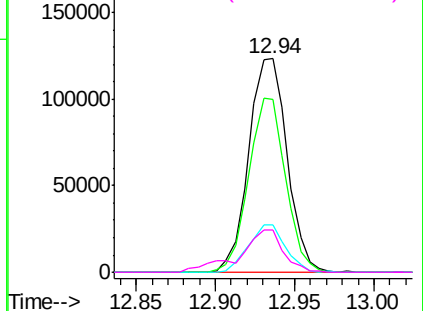


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.63 ng

RT: 12.90 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

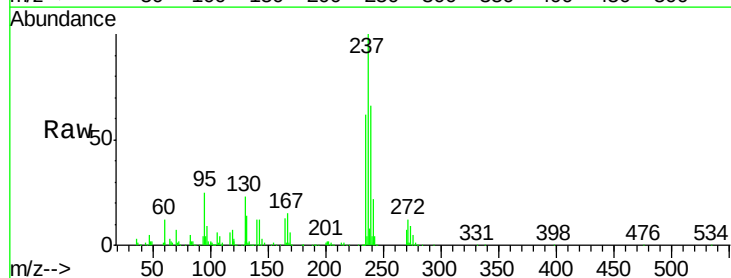
Tgt Ion:237 Resp: 265216

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

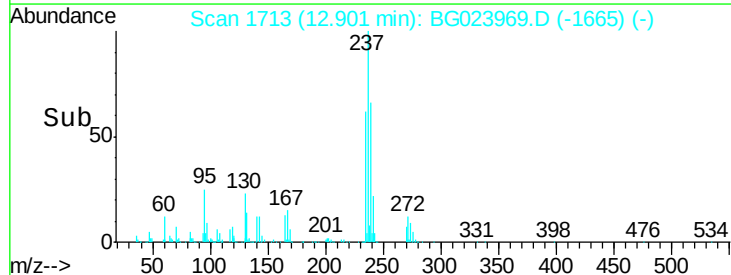
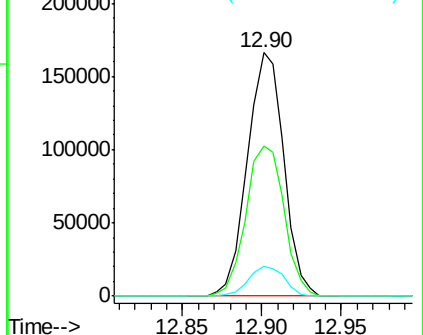
272 12.4 0.0 30.9

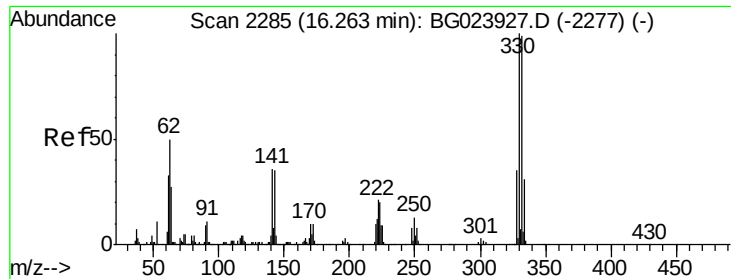


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

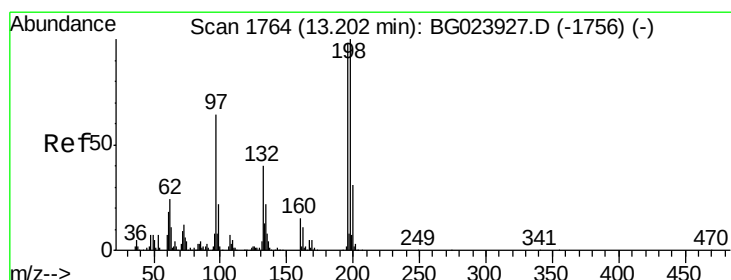
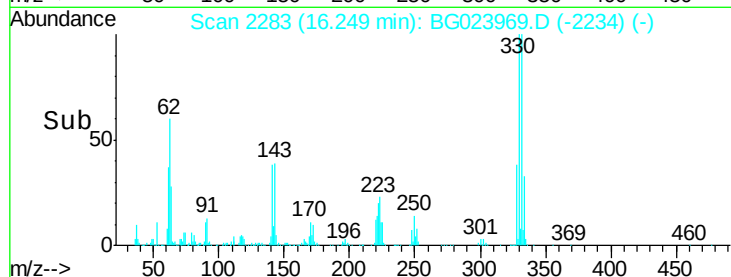
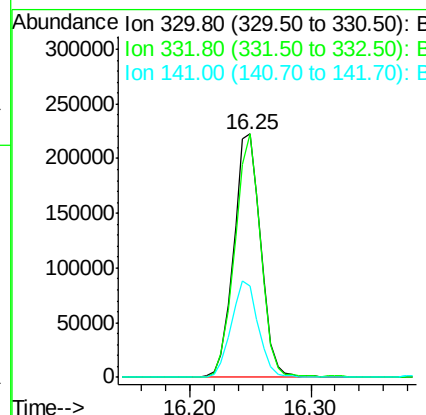
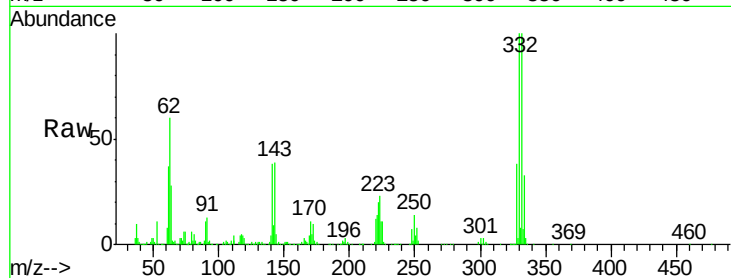




#41
 2,4,6-Tribromophenol
 Concen: 121.70 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

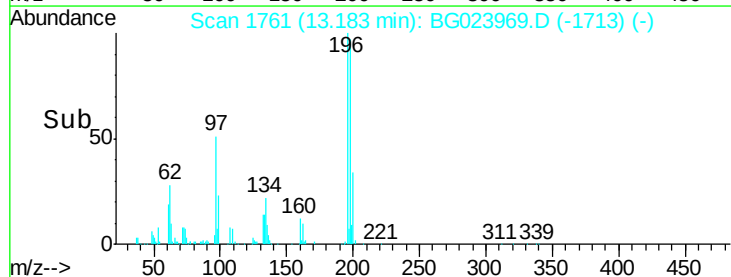
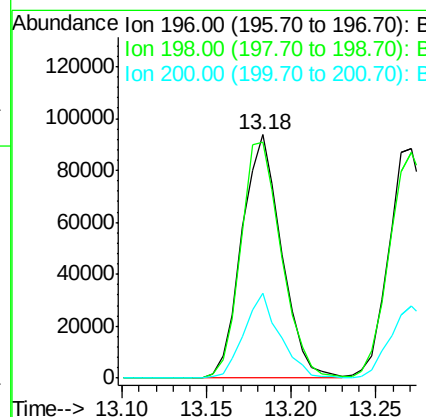
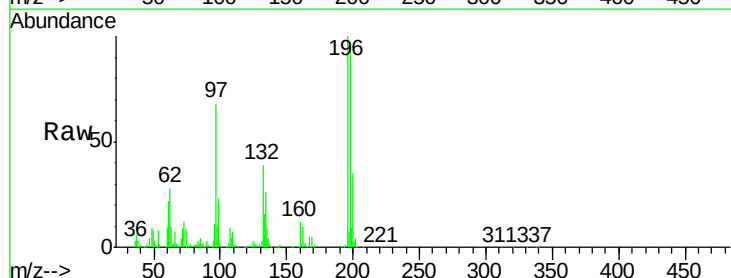
Instrument :
 BNA_G
 ClientSampled :
 PB93297BS

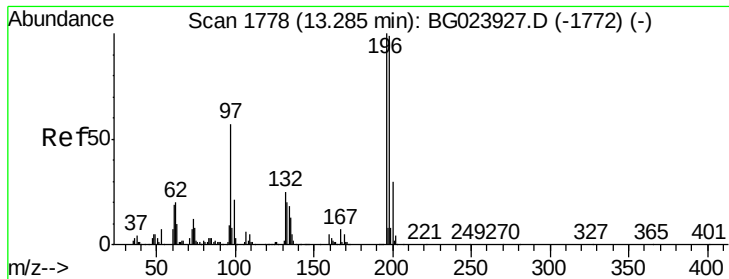
Tgt Ion:330 Resp: 346219
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 39.8 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 43.83 ng
 RT: 13.18 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion:196 Resp: 153302
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.2 117.2
 200 35.0 27.0 40.4

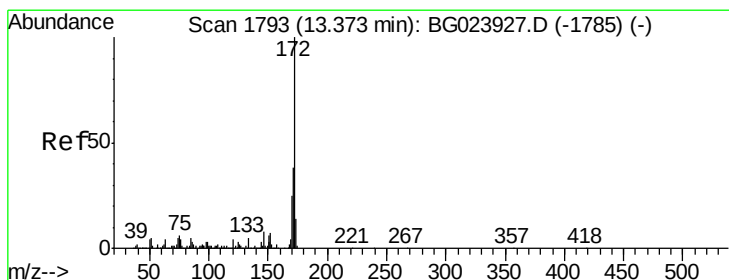
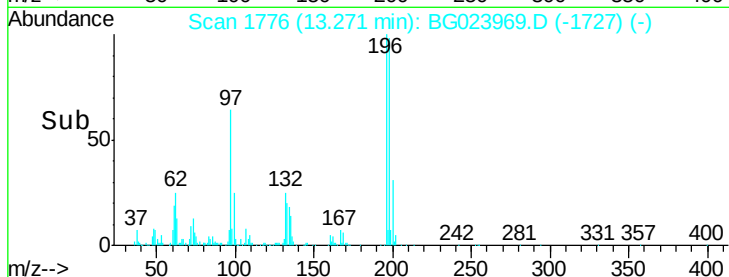
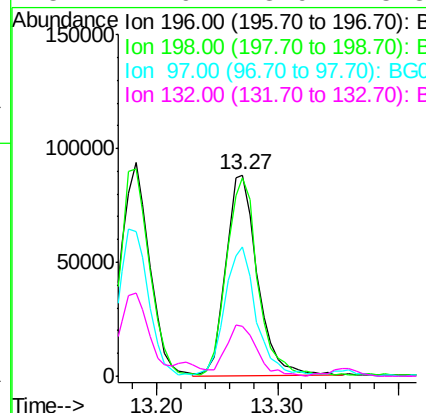
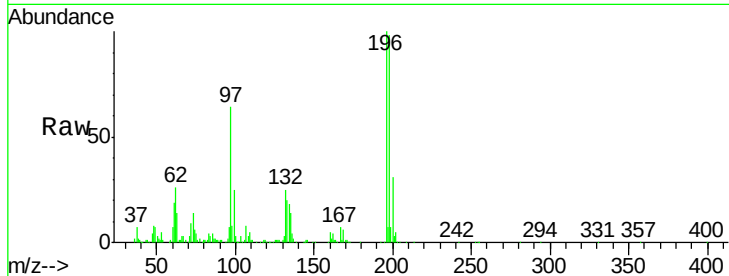




#43
 2,4,5-Trichlorophenol
 Concen: 44.89 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

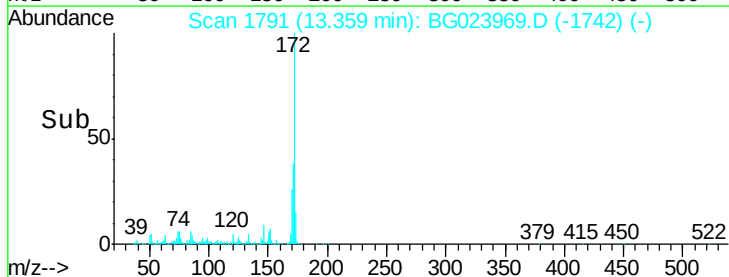
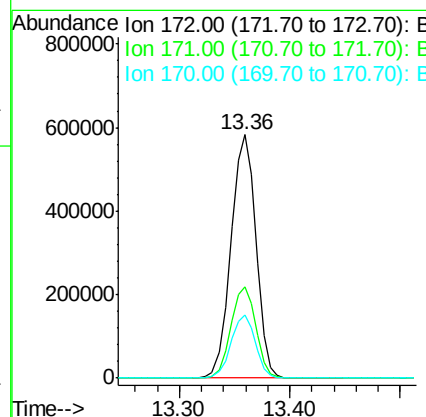
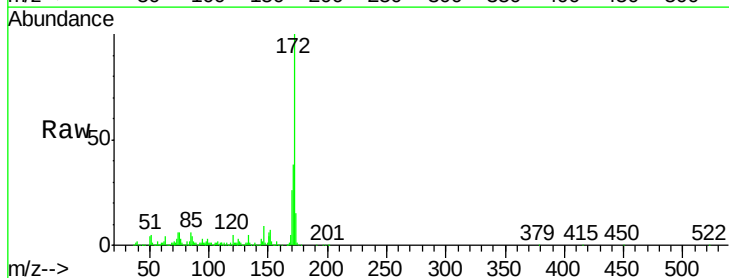
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

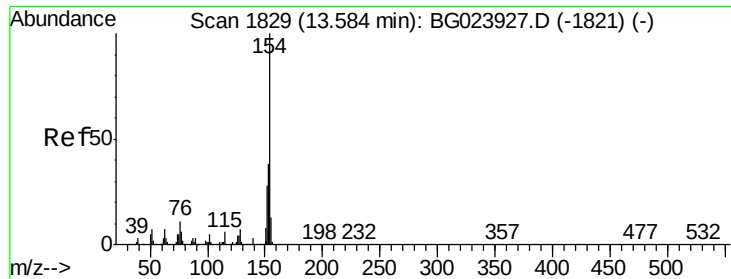
Tgt Ion:	196	Resp:	158730
Ion	Ratio	Lower	Upper
196	100		
198	98.4	85.7	128.5
97	64.0	45.5	68.3
132	24.9	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 83.68 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion:	172	Resp:	921627
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.6	47.4
170	26.0	21.3	31.9

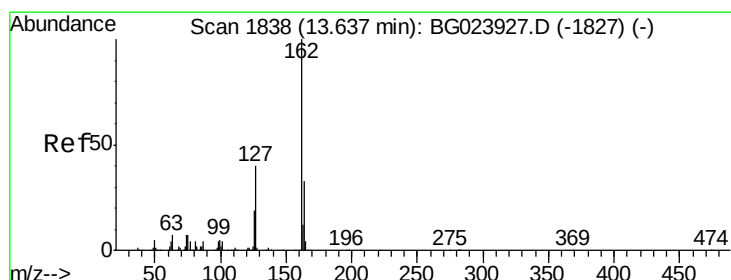
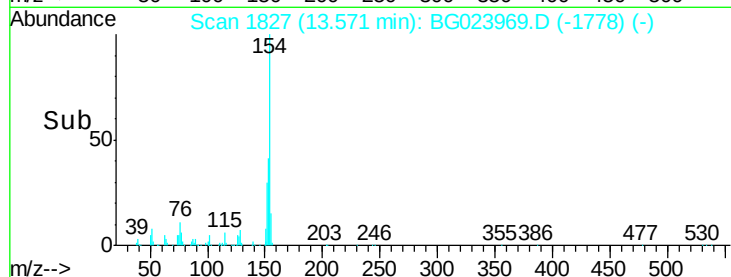
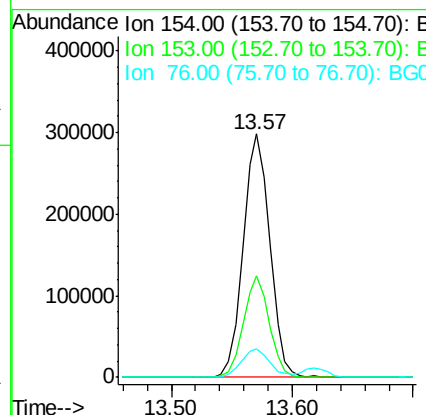
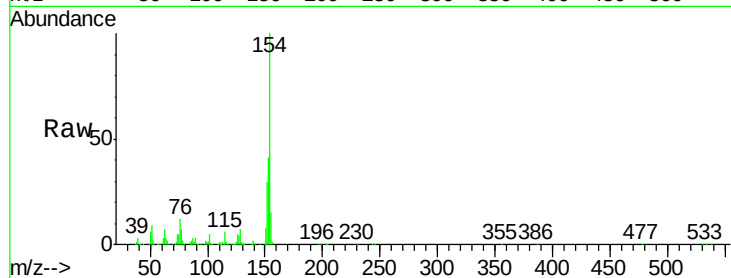




#45
 1,1'-Biphenyl
 Concen: 35.97 ng
 RT: 13.57 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

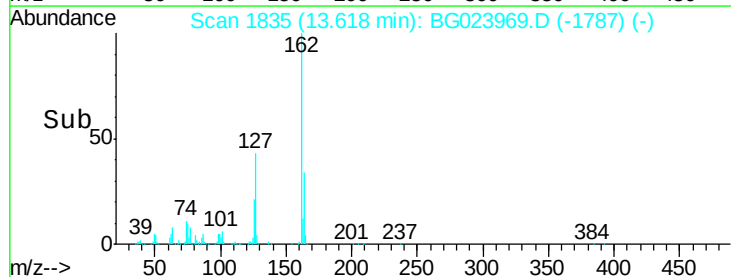
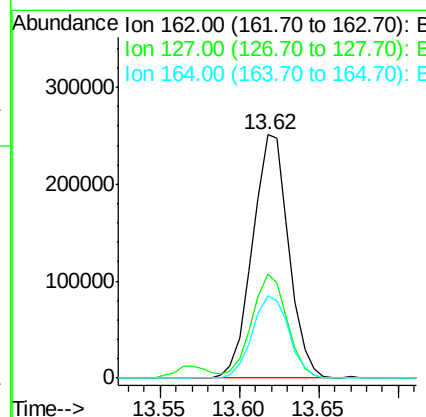
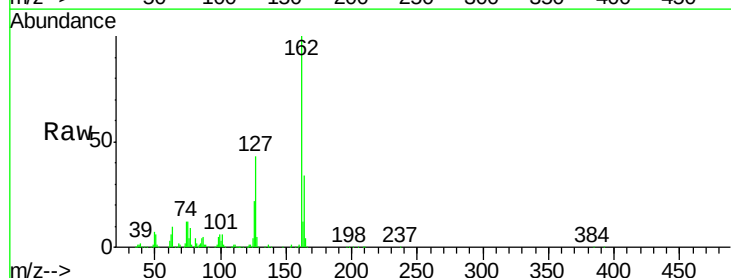
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

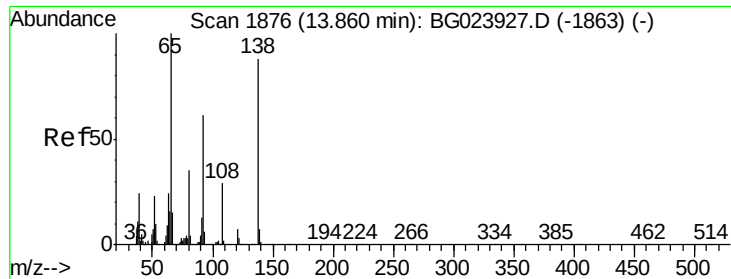
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.2	60.2
76	11.7	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 42.81 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	32.4	48.6
164	33.7	25.2	37.8

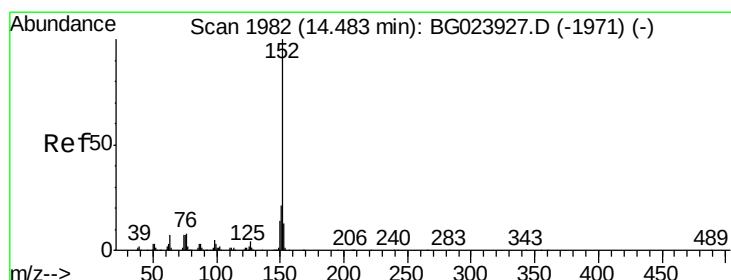
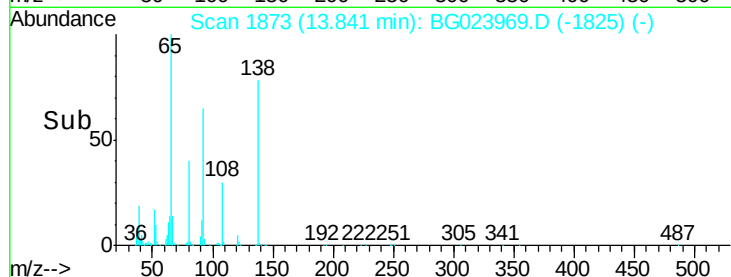
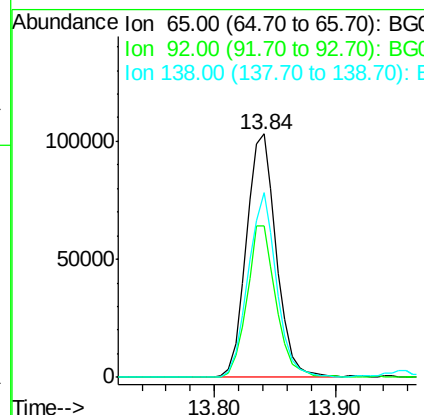
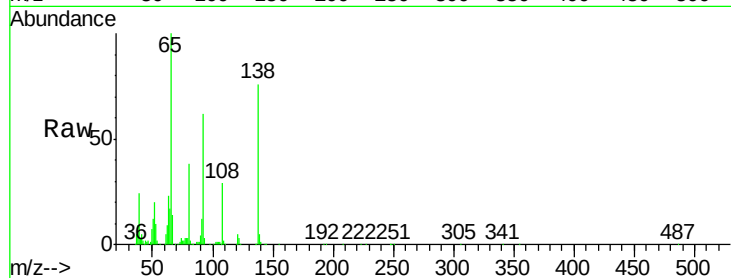




#47
2-Nitroaniline
Concen: 48.38 ng
RT: 13.84 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

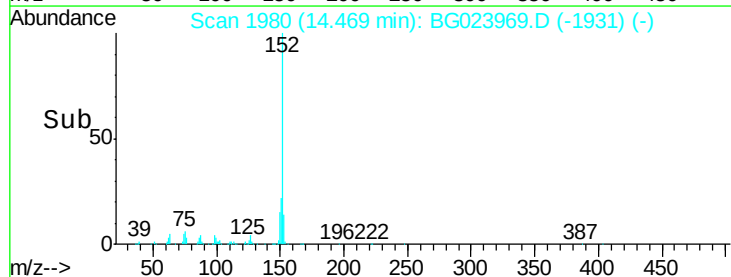
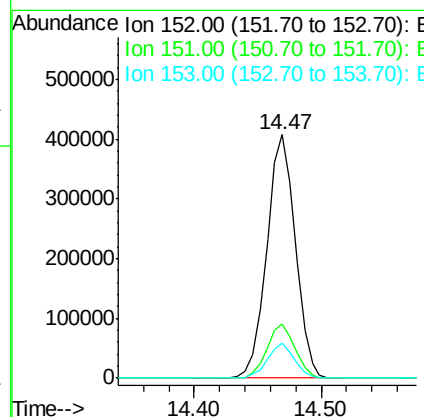
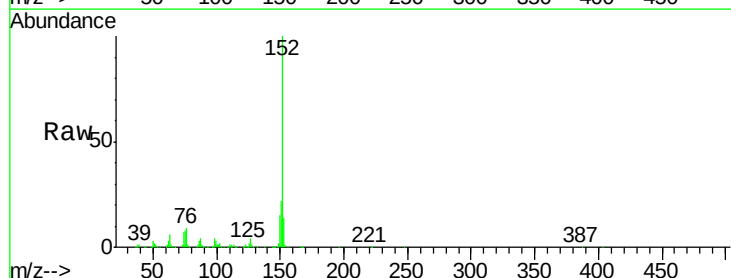
Instrument :
BNA_G
ClientSampleId :
PB93297BS

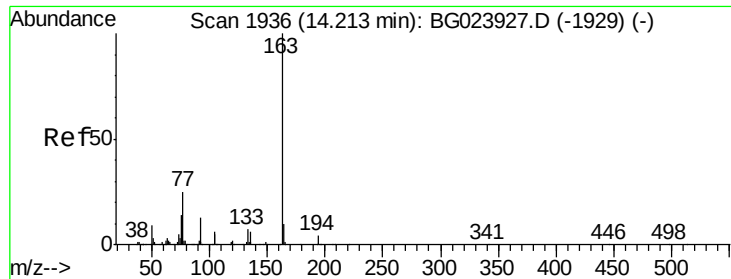
Tgt Ion: 65 Resp: 177684
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.0
138 76.0 58.0 87.0



#48
Acenaphthylene
Concen: 40.89 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion: 152 Resp: 635513
Ion Ratio Lower Upper
152 100
151 22.1 17.6 26.4
153 14.3 11.4 17.2





#49

Dimethylphthalate

Concen: 40.78 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

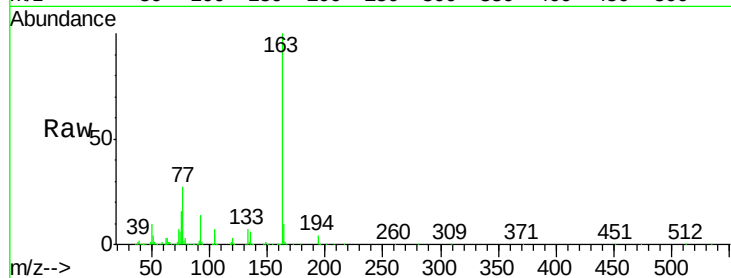
Instrument :

BNA_G

ClientSampleId :

PB93297BS

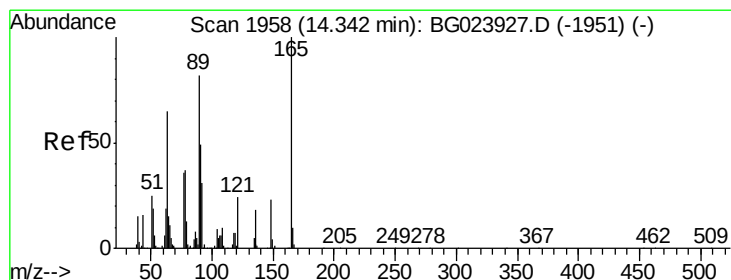
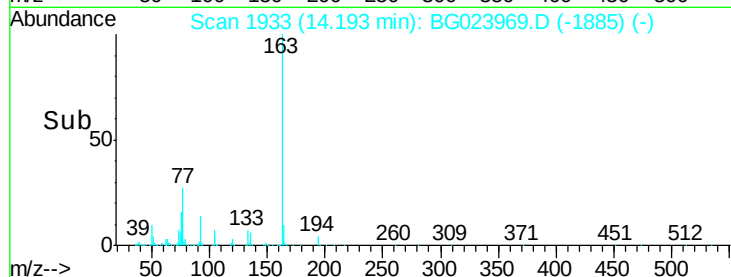
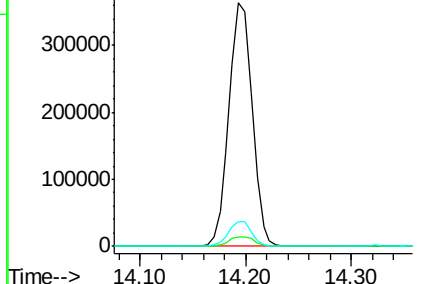
Tgt Ion:	163	Resp:	552229
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.0	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.67 ng

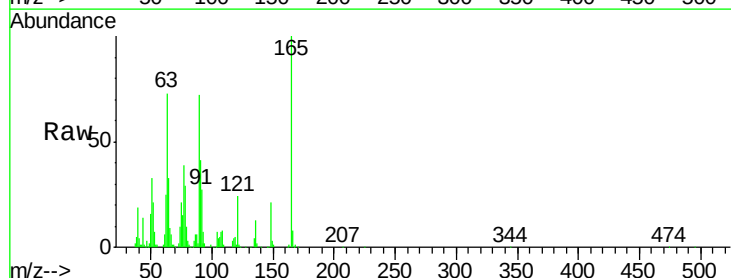
RT: 14.33 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

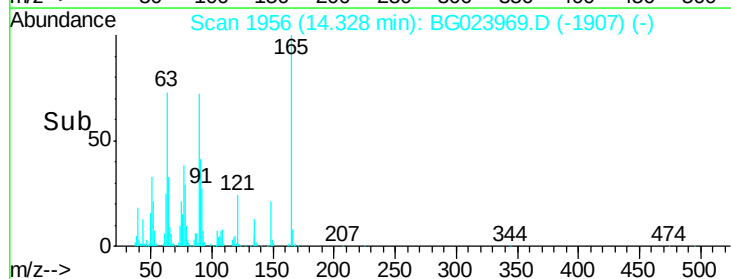
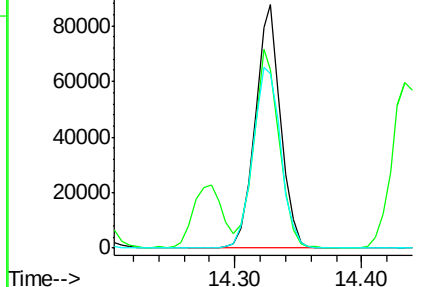
Tgt Ion:	165	Resp:	121970
Ion	Ratio	Lower	Upper
165	100		
63	73.0	64.3	96.5
89	71.5	64.3	96.5

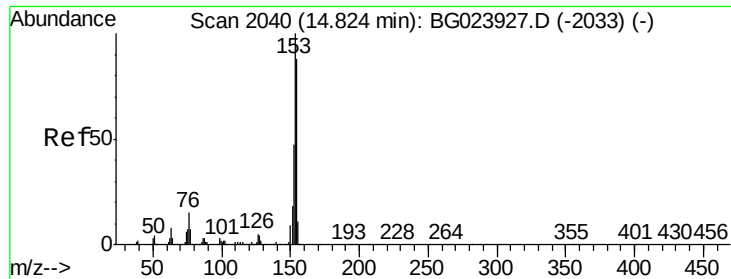


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.17 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

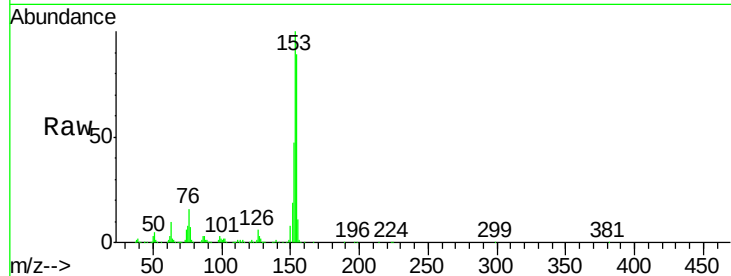
Tgt Ion:154 Resp: 395605

Ion Ratio Lower Upper

154 100

153 112.5 87.5 131.3

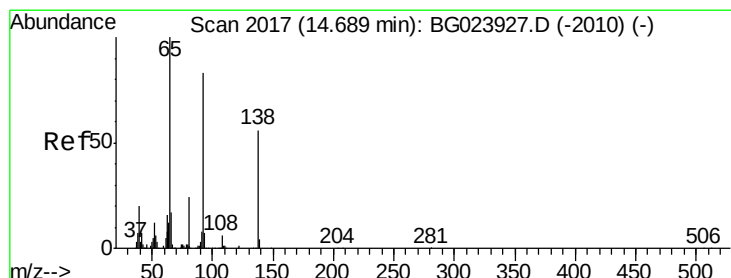
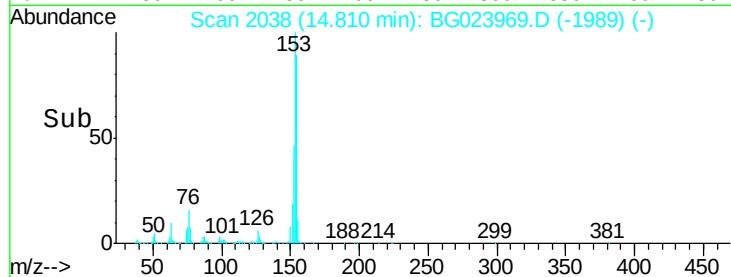
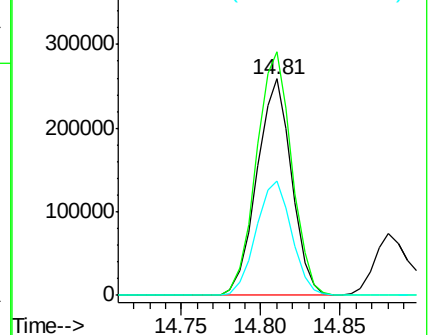
152 52.5 42.7 64.1



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: 29.32 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

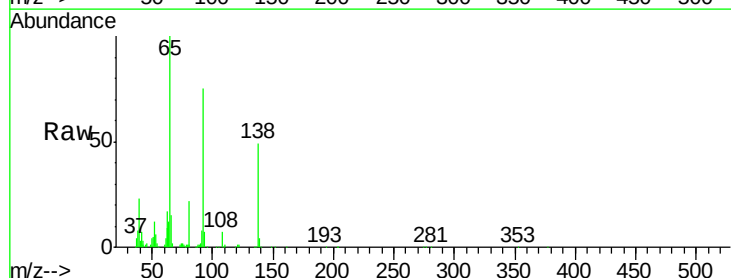
Tgt Ion:138 Resp: 78377

Ion Ratio Lower Upper

138 100

108 13.6 11.7 17.5

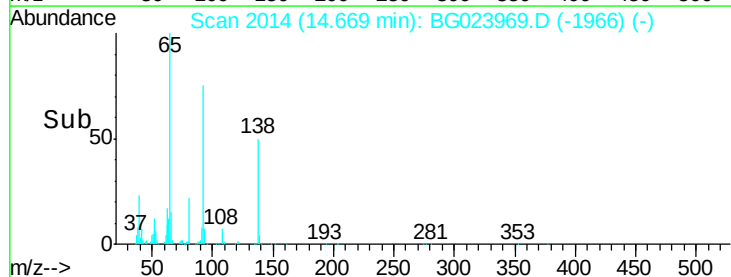
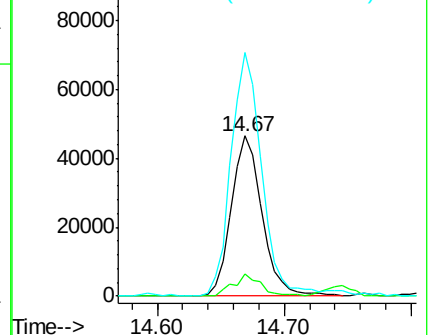
92 152.0 129.7 194.5

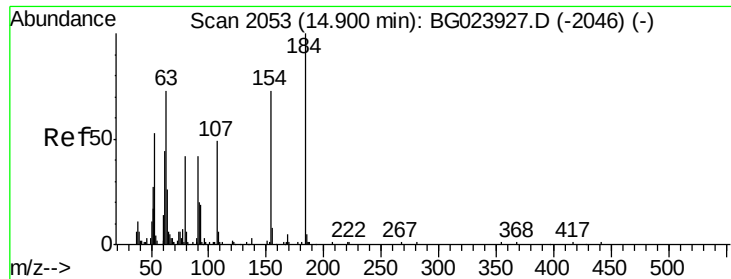


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

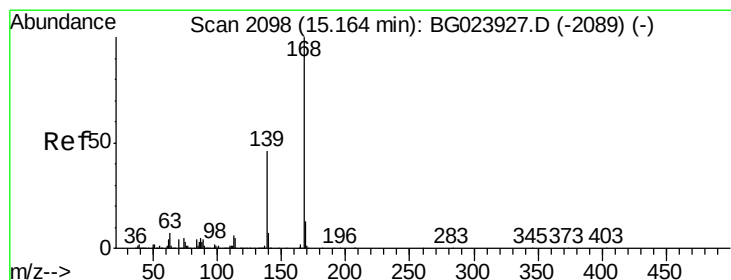
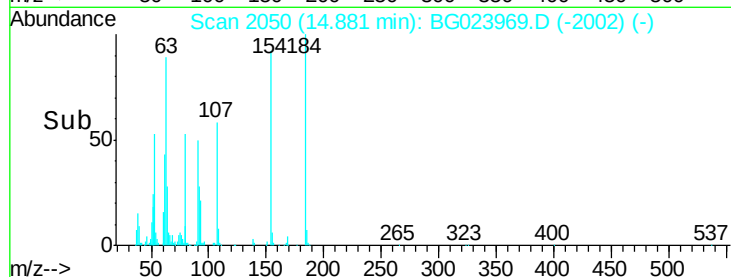
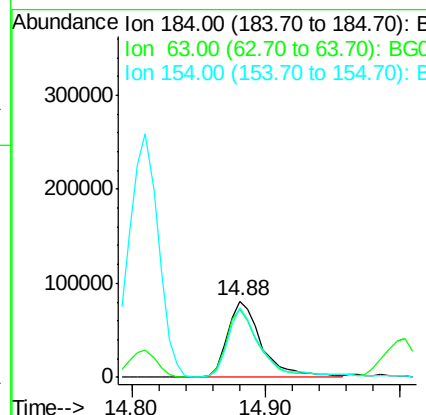
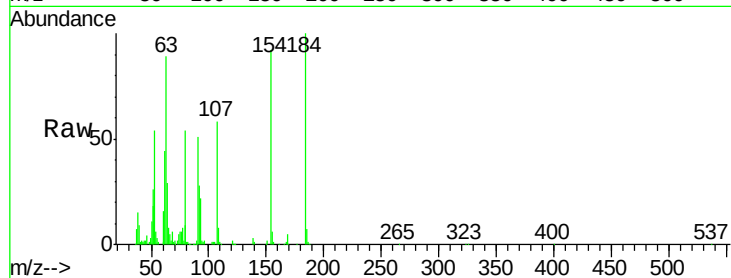




#53
2,4-Dinitrophenol
Concen: 70.41 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

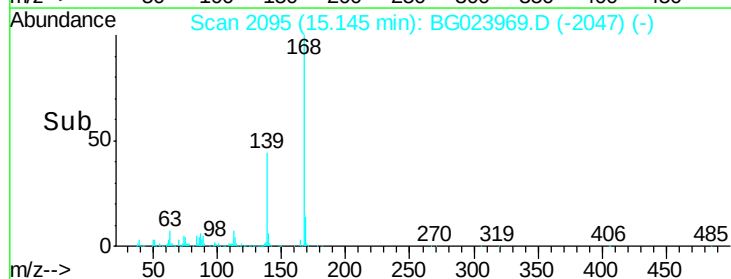
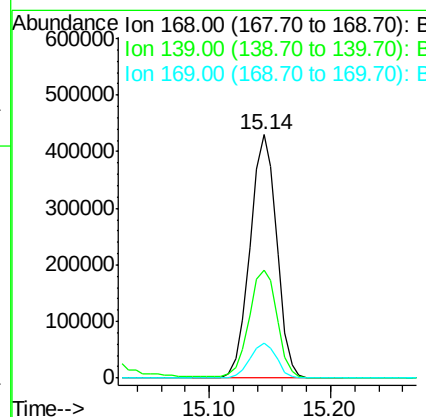
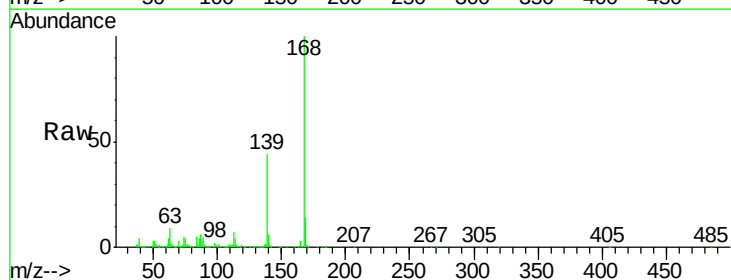
Instrument :
BNA_G
ClientSampleId :
PB93297BS

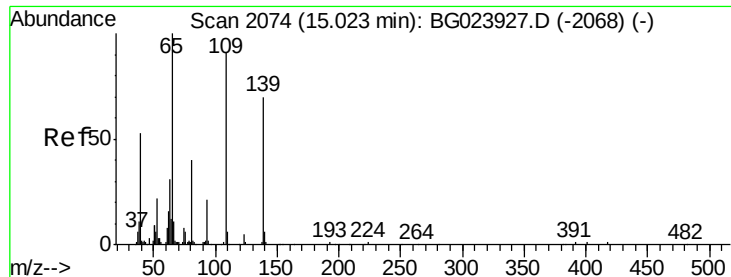
Tgt Ion:184 Resp: 145346
Ion Ratio Lower Upper
184 100
63 89.4 59.6 89.4
154 91.9 67.4 101.0



#54
Dibenzofuran
Concen: 44.24 ng
RT: 15.14 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:168 Resp: 663524
Ion Ratio Lower Upper
168 100
139 44.4 36.4 54.6
169 14.4 11.9 17.9

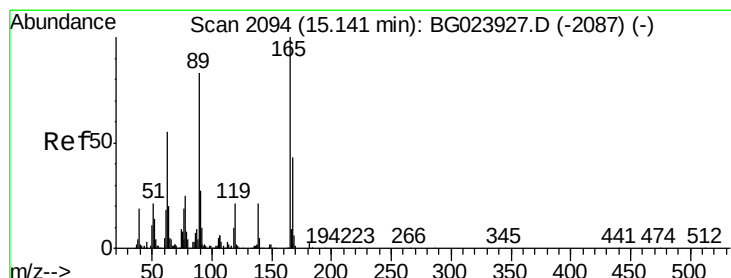
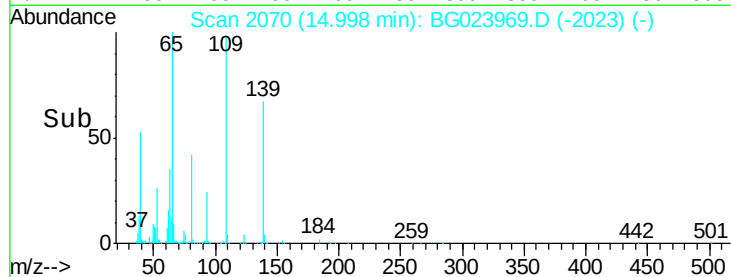
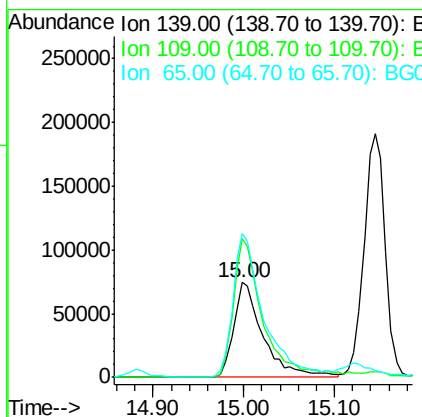
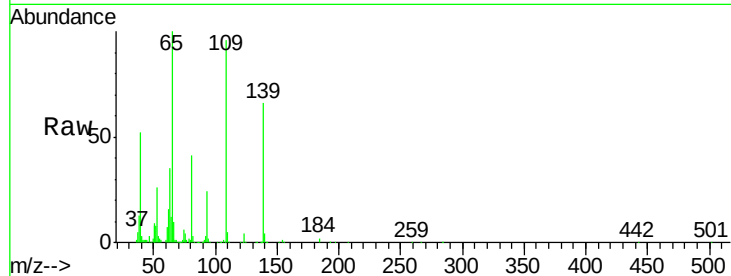




#55
4-Nitrophenol
Concen: 79.73 ng
RT: 15.00 min Scan# 2070
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

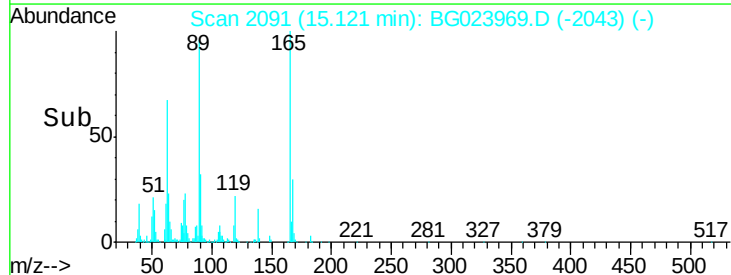
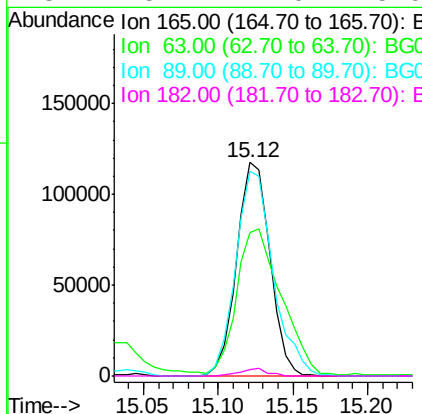
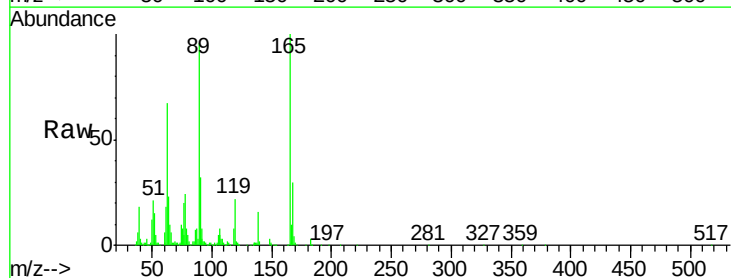
Instrument :
BNA_G
ClientSampleId :
PB93297BS

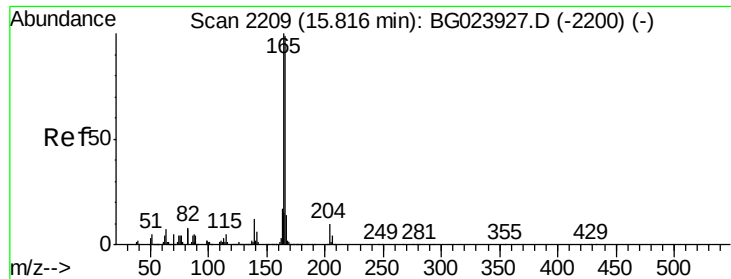
Tgt Ion:139 Resp: 169601
Ion Ratio Lower Upper
139 100
109 146.0 103.0 143.0#
65 151.4 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 43.31 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:165 Resp: 181953
Ion Ratio Lower Upper
165 100
63 67.4 45.8 68.6
89 95.8 68.6 102.8
182 3.1 2.0 3.0#





#57

Fluorene

Concen: 42.17 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

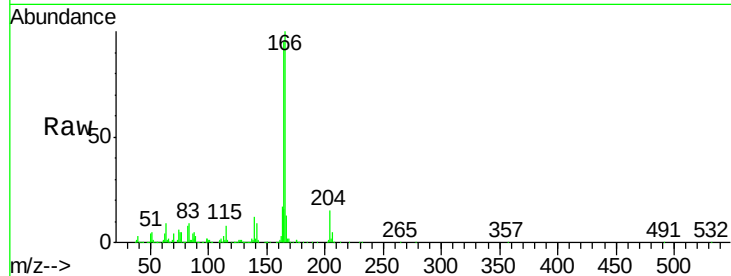
Tgt Ion:166 Resp: 548435

Ion Ratio Lower Upper

166 100

165 95.4 81.0 121.6

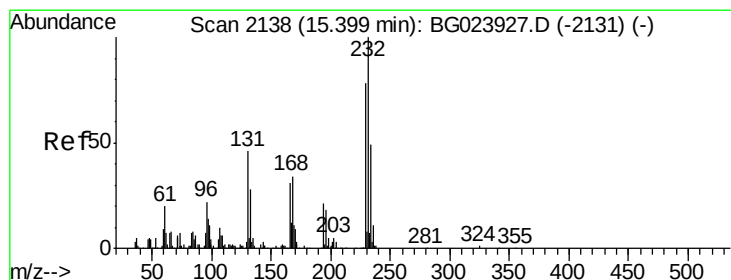
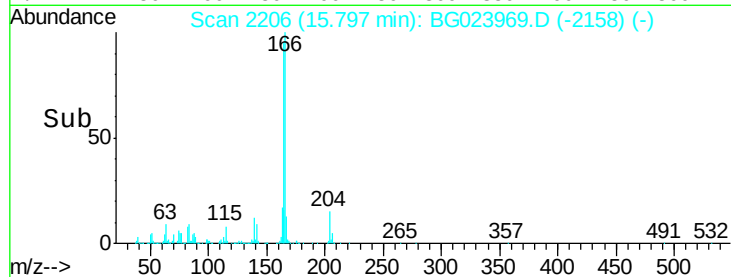
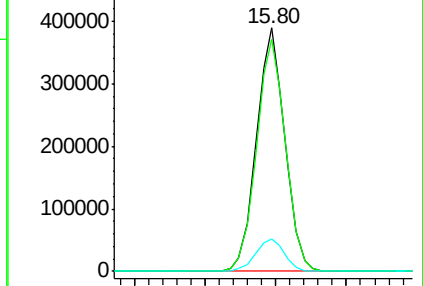
167 13.5 12.0 18.0



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: 46.33 ng

RT: 15.38 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Tgt Ion:232 Resp: 166271

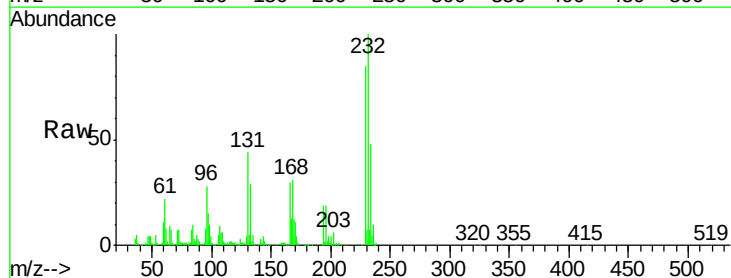
Ion Ratio Lower Upper

232 100

131 46.8 32.7 49.1

130 3.6 2.6 3.8

166 30.8 23.0 34.6

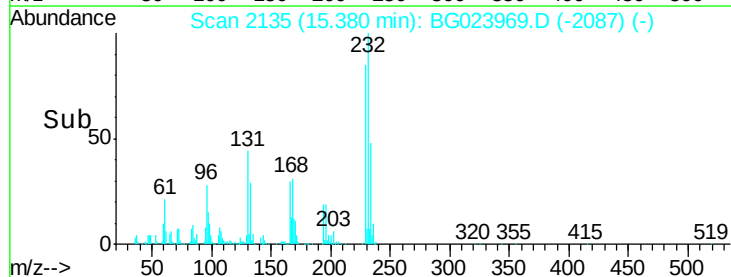
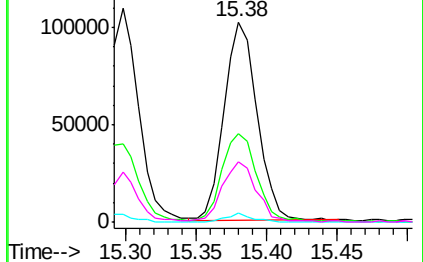


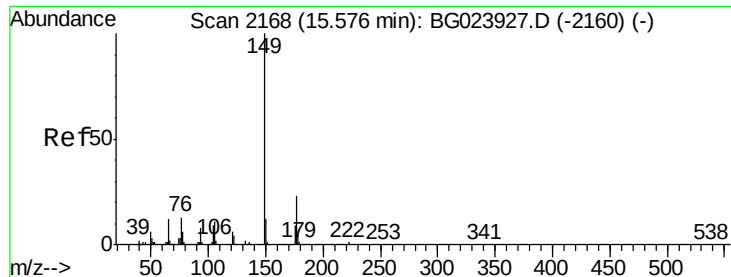
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.42 ng

RT: 15.56 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

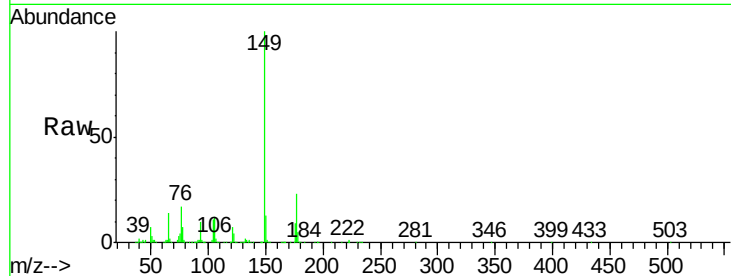
Tgt Ion:149 Resp: 584207

Ion Ratio Lower Upper

149 100

177 23.2 19.2 28.8

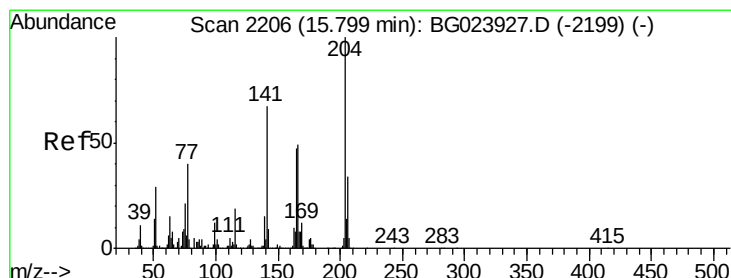
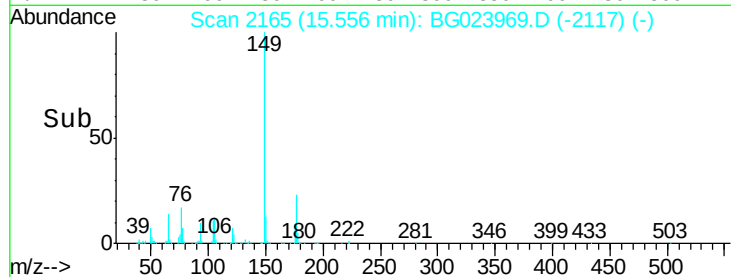
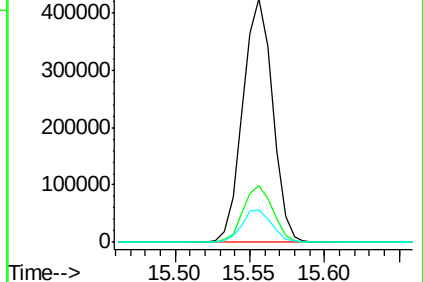
150 13.2 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.59 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

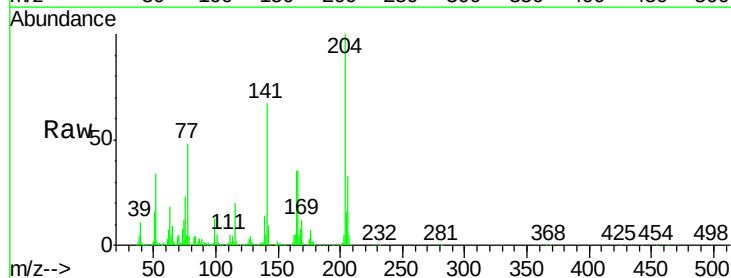
Tgt Ion:204 Resp: 298189

Ion Ratio Lower Upper

204 100

206 32.9 28.5 42.7

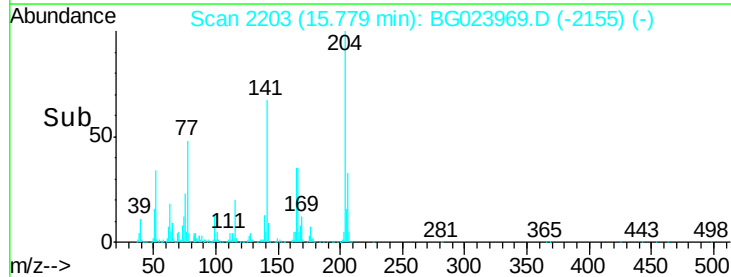
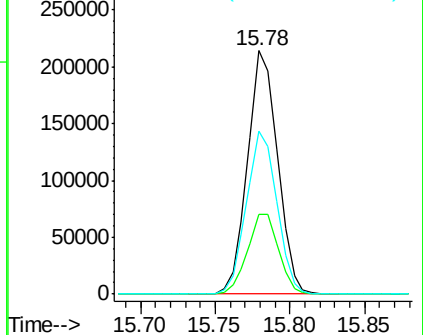
141 67.1 51.4 77.0

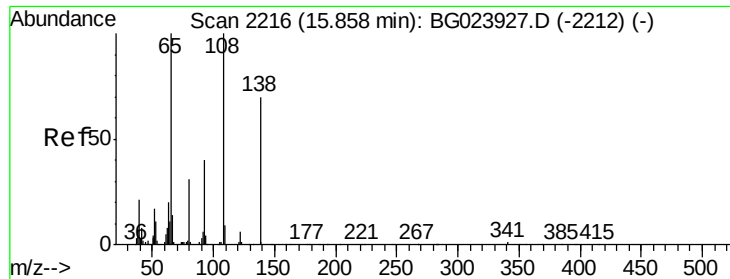


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

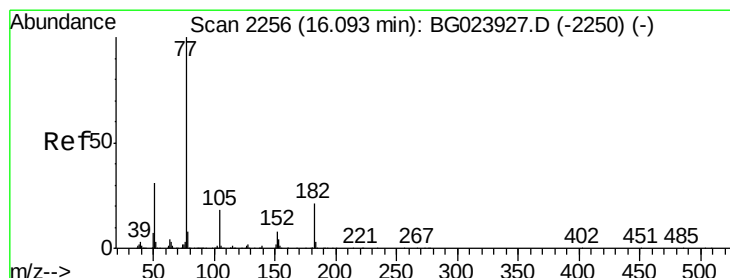
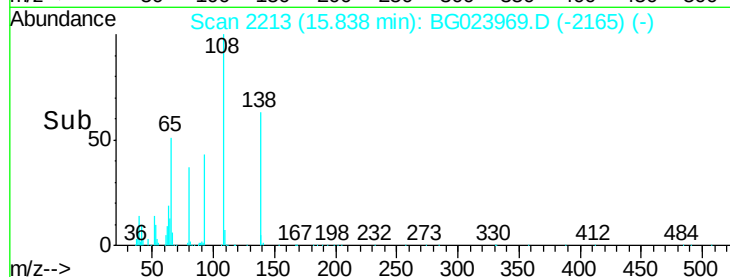
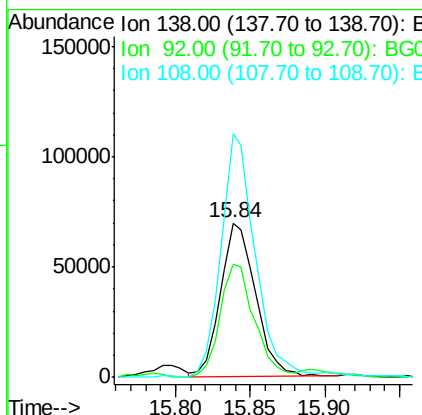
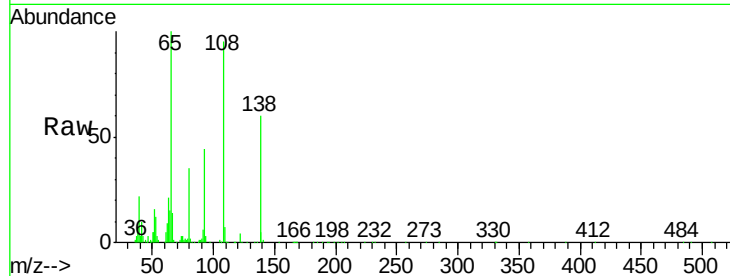




#61
4-Nitroaniline
Concen: 42.51 ng
RT: 15.84 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

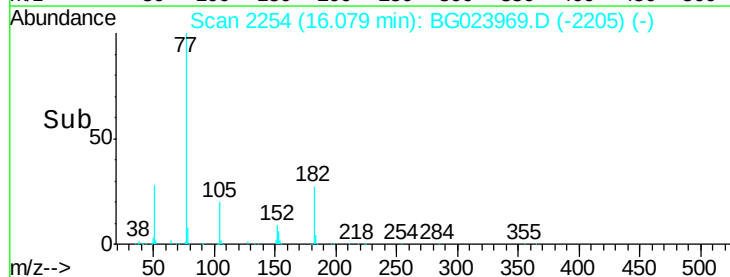
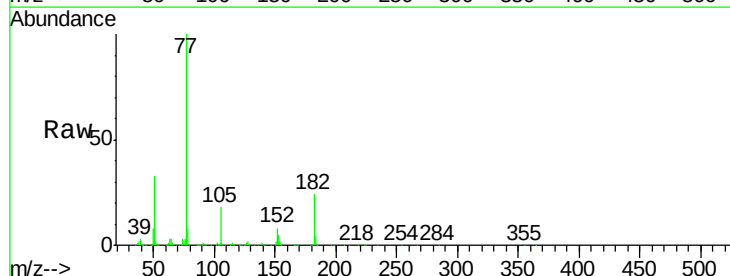
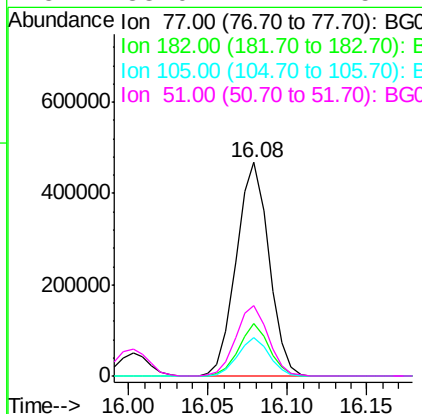
Instrument :
BNA_G
ClientSampleId :
PB93297BS

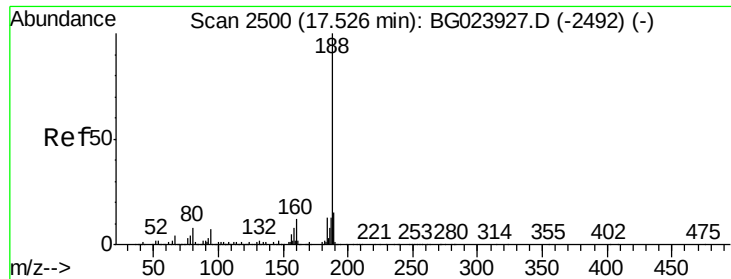
Tgt Ion: 138 Resp: 114901
Ion Ratio Lower Upper
138 100
92 73.0 54.1 94.1
108 157.9 133.9 173.9



#62
Azobenzene
Concen: 47.65 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion: 77 Resp: 667033
Ion Ratio Lower Upper
77 100
182 24.3 3.5 43.5
105 18.1 0.0 38.5
51 33.0 17.1 57.1

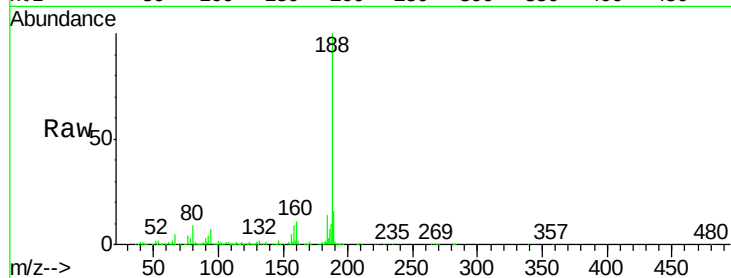




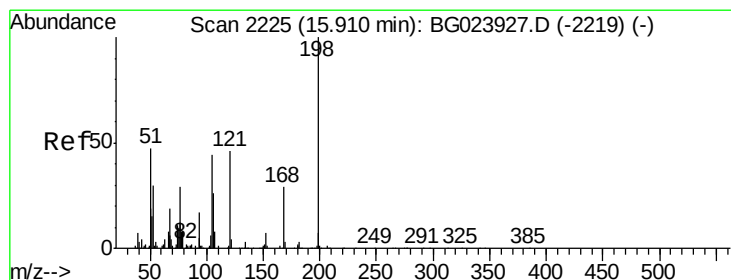
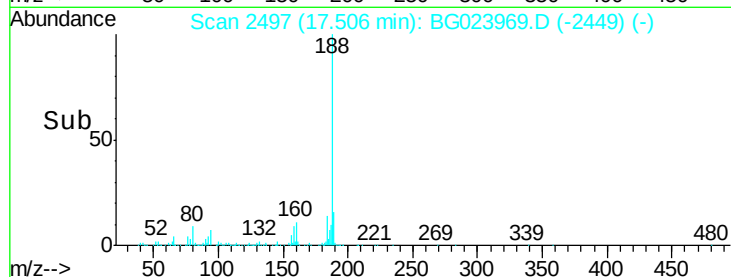
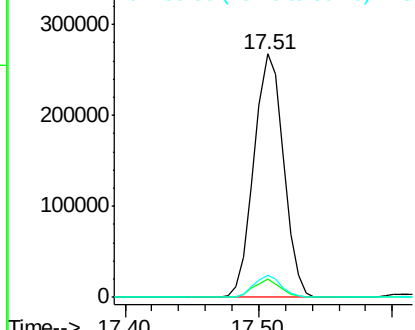
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

Tgt Ion:188 Resp: 409268
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.2 7.8
 80 8.9 7.2 10.8

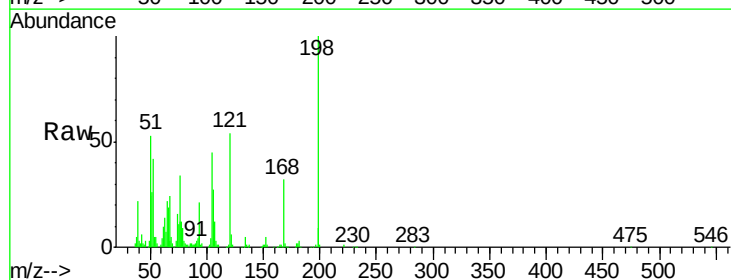


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

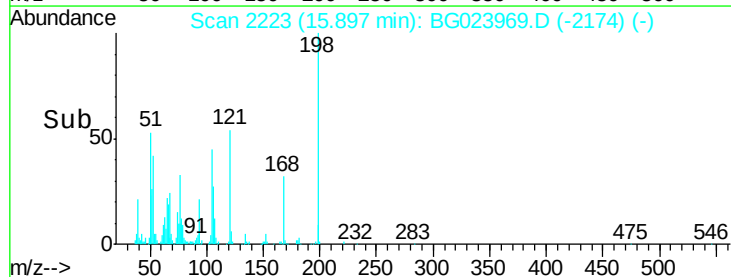
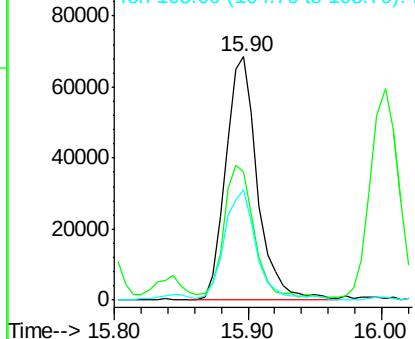


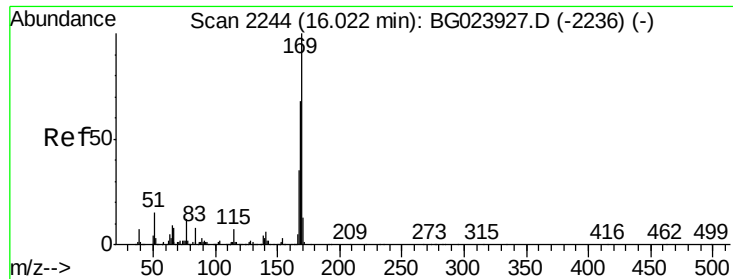
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.11 ng
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion:198 Resp: 113959
 Ion Ratio Lower Upper
 198 100
 51 53.0 26.0 66.0
 105 45.2 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

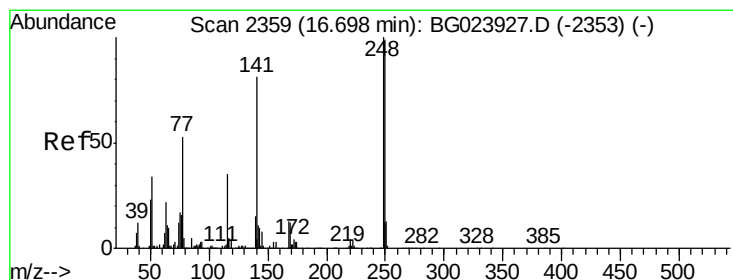
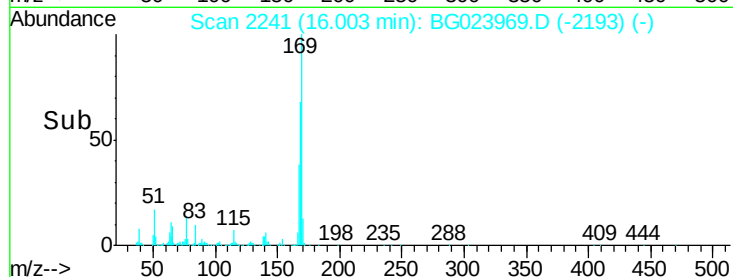
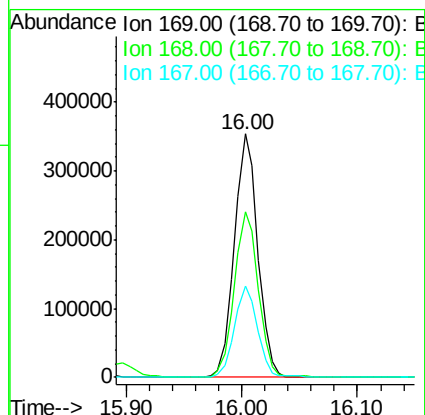
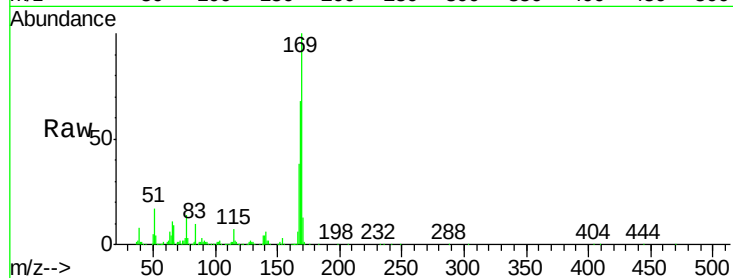




#65
 n-Nitrosodiphenylamine
 Concen: 42.61 ng
 RT: 16.00 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

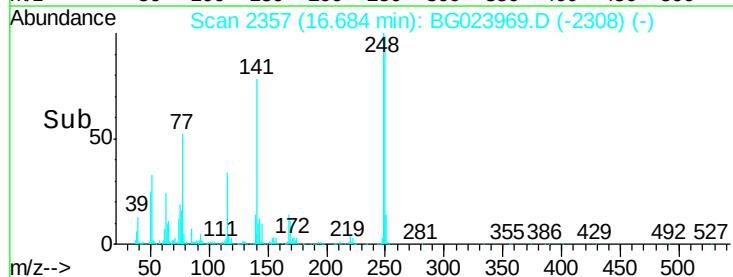
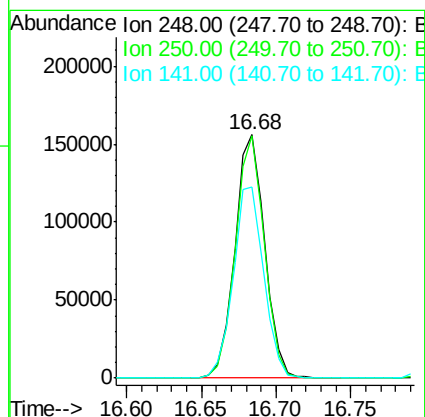
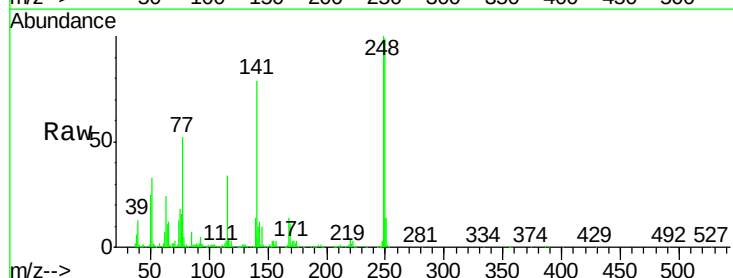
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

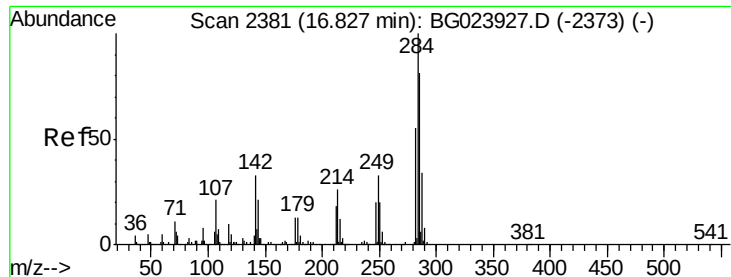
Tgt Ion:169 Resp: 495321
 Ion Ratio Lower Upper
 169 100
 168 68.0 55.0 82.4
 167 37.7 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 43.68 ng
 RT: 16.68 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion:248 Resp: 217509
 Ion Ratio Lower Upper
 248 100
 250 99.3 77.8 116.8
 141 78.7 65.7 98.5

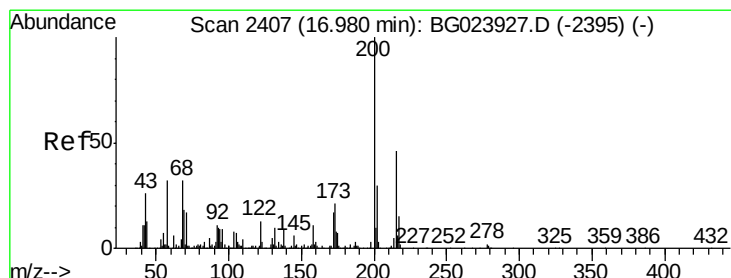
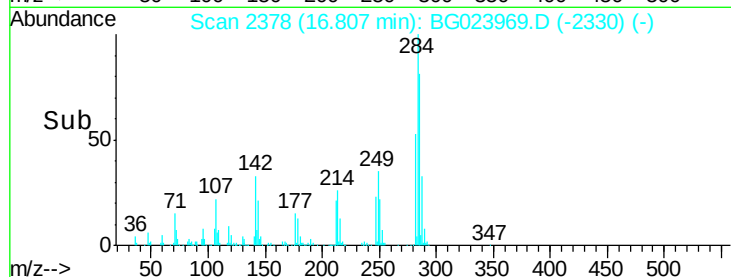
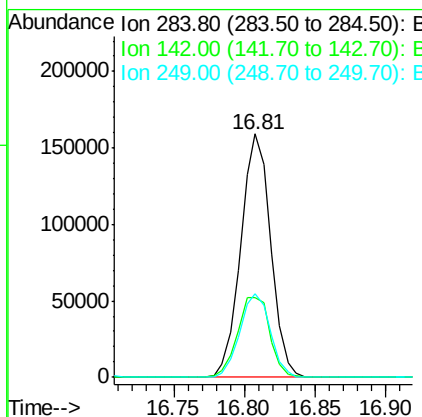
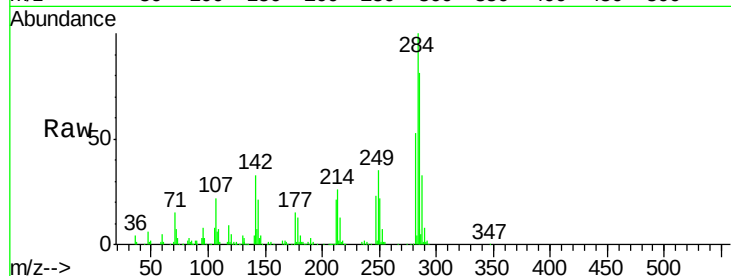




#67
Hexachlorobenzene
Concen: 40.26 ng
RT: 16.81 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

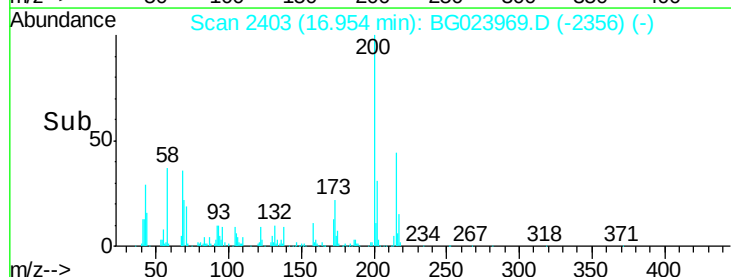
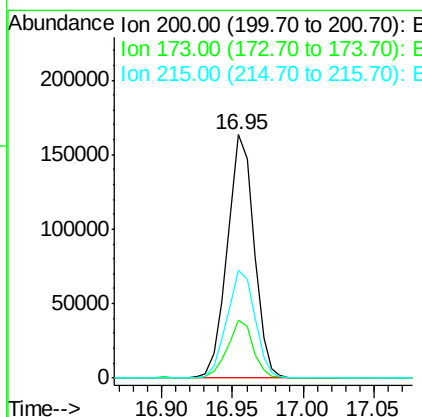
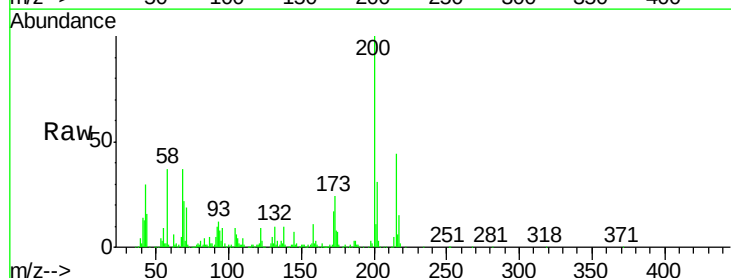
Instrument :
BNA_G
ClientSampleId :
PB93297BS

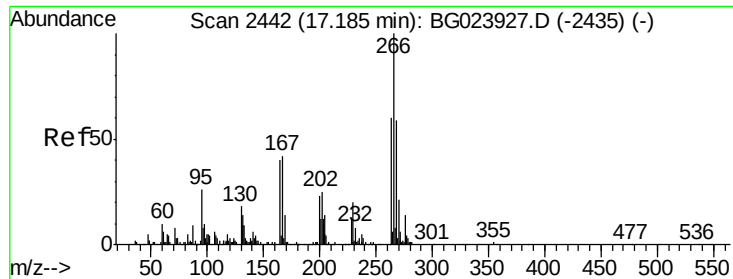
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	26.8	40.2
249	34.5	28.9	43.3



#68
Atrazine
Concen: 43.28 ng
RT: 16.95 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	1.6	41.6
215	44.3	28.7	68.7





#69

Pentachlorophenol

Concen: 78.61 ng

RT: 17.16 min Scan# 2438

Delta R.T. -0.03 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

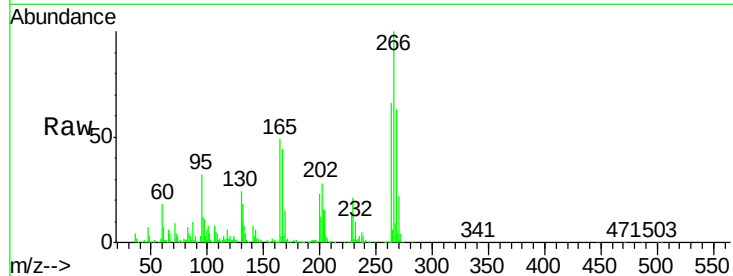
Tgt Ion:266 Resp: 243819

Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

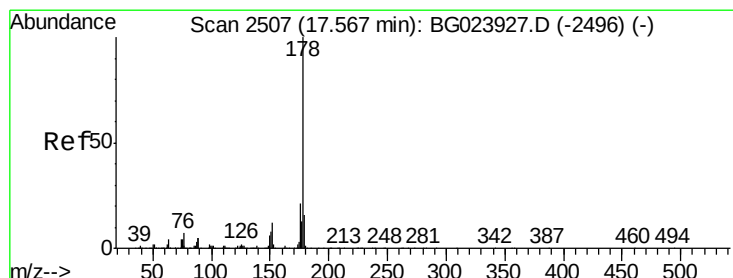
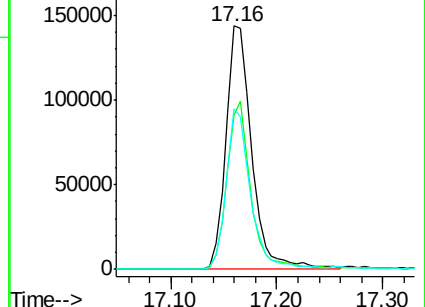
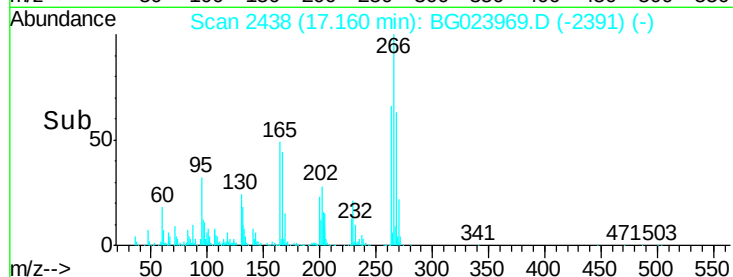
264 65.9 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.16 ng

RT: 17.55 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

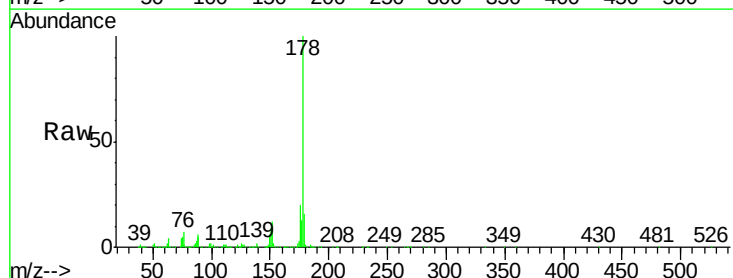
Tgt Ion:178 Resp: 940186

Ion Ratio Lower Upper

178 100

176 20.1 16.8 25.2

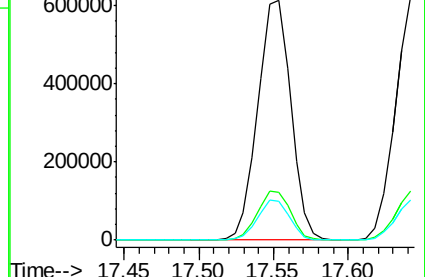
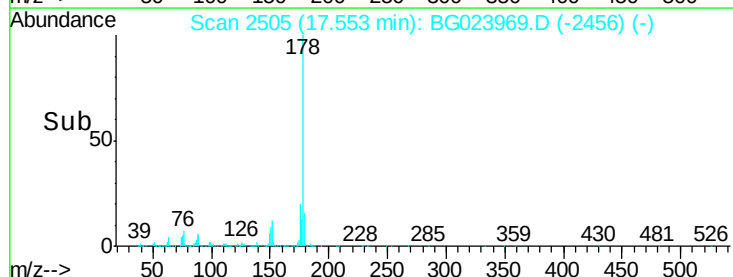
179 16.3 14.3 21.5

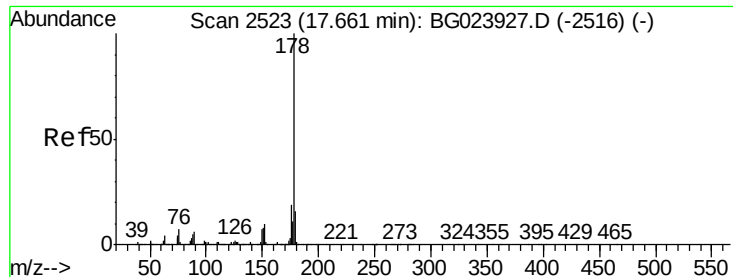


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

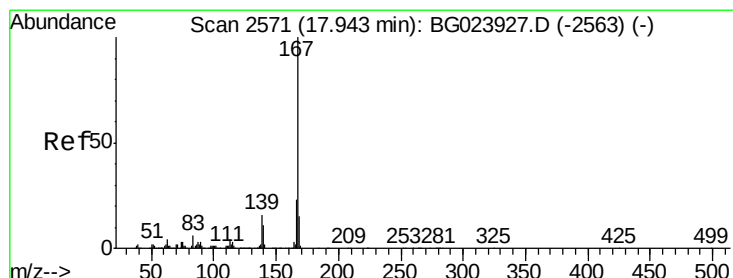
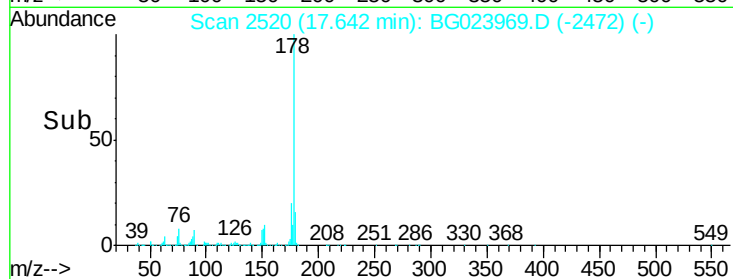
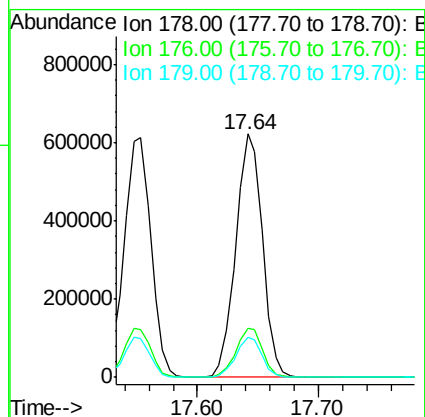
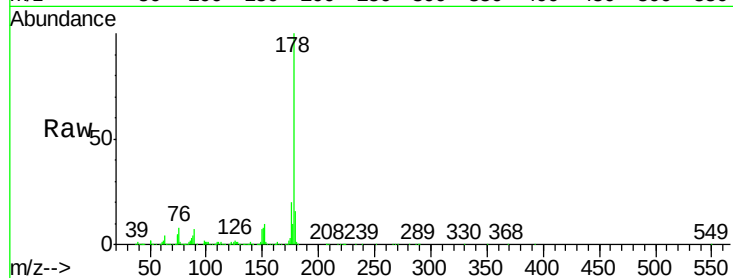




#71
 Anthracene
 Concen: 44.19 ng
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

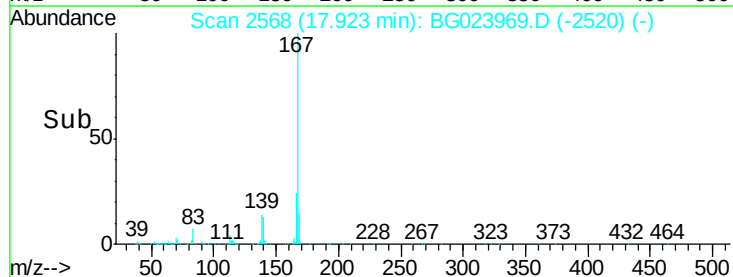
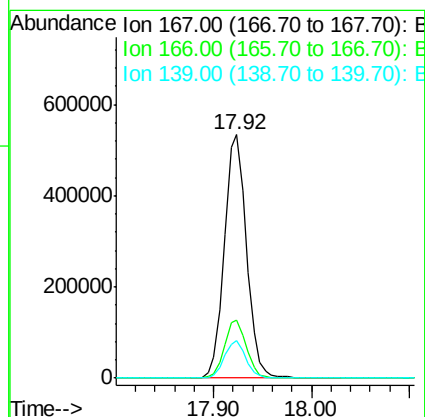
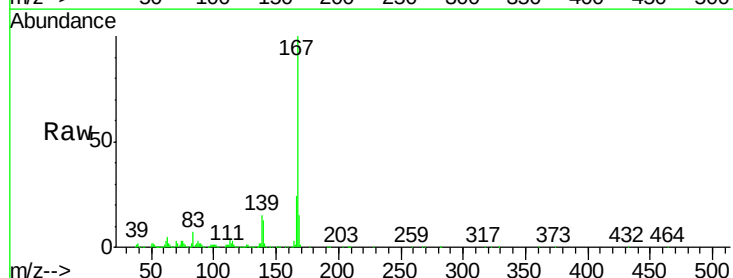
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

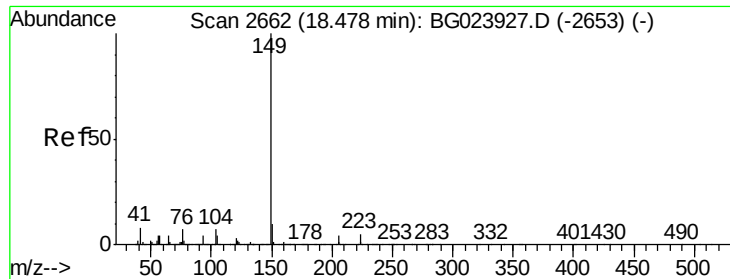
Tgt Ion:178 Resp: 959776
 Ion Ratio Lower Upper
 178 100
 176 20.0 17.3 25.9
 179 16.3 14.0 21.0



#72
 Carbazole
 Concen: 42.65 ng
 RT: 17.92 min Scan# 2568
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion:167 Resp: 840459
 Ion Ratio Lower Upper
 167 100
 166 23.6 20.7 31.1
 139 15.4 11.9 17.9

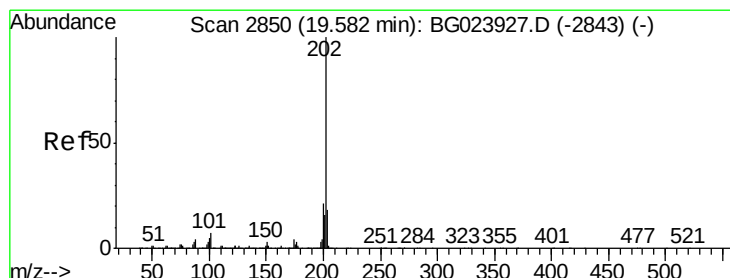
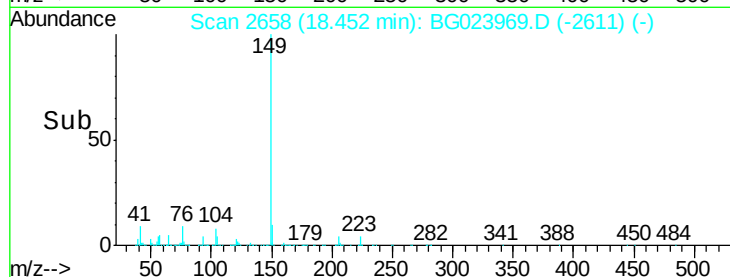
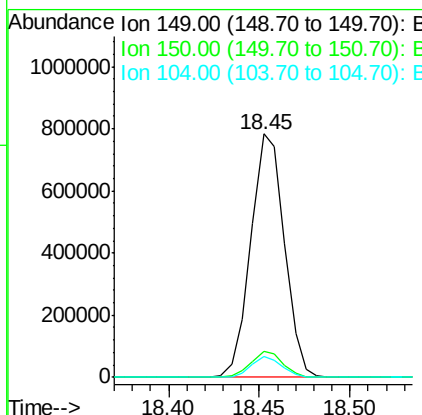
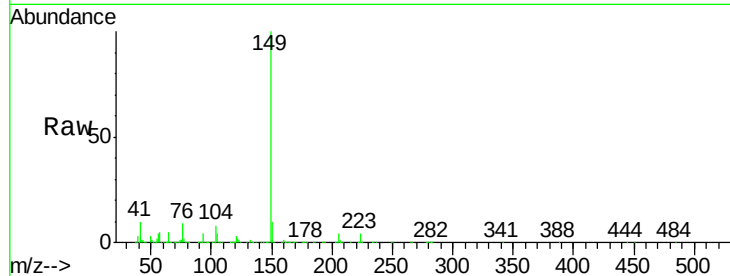




#73
Di-n-butylphthalate
Concen: 42.87 ng
RT: 18.45 min Scan# 2658
Delta R.T. -0.03 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

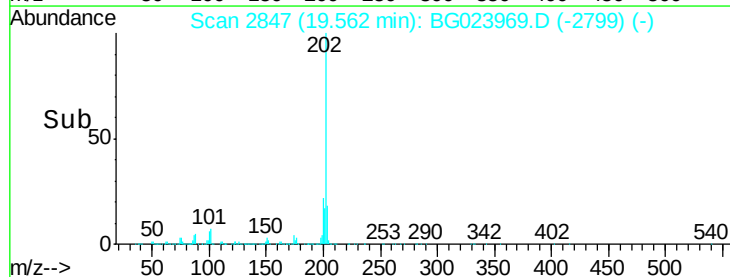
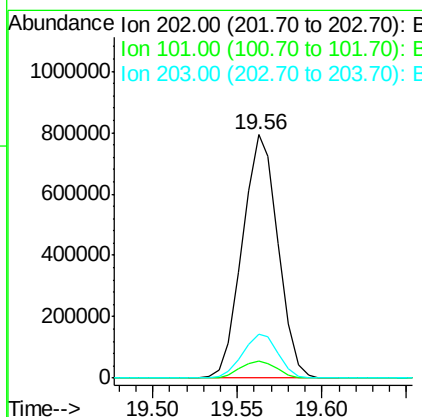
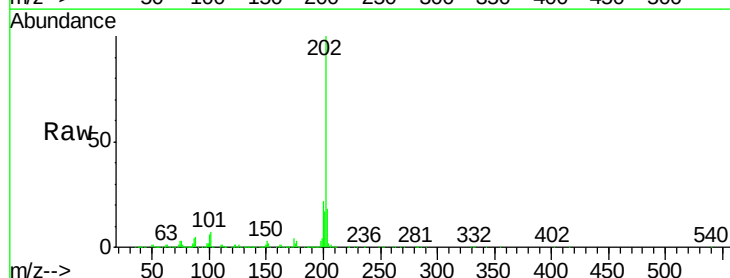
Instrument :
BNA_G
ClientSampleId :
PB93297BS

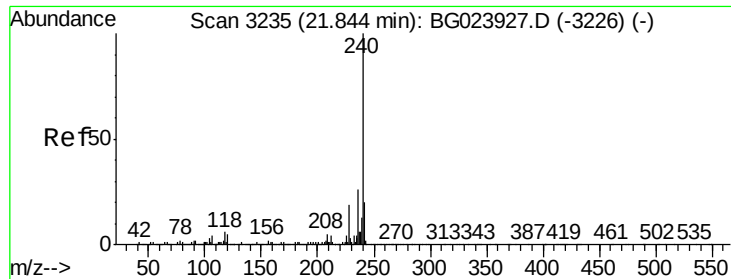
Tgt Ion:149 Resp: 1007922
Ion Ratio Lower Upper
149 100
150 10.5 9.1 13.7
104 8.5 6.9 10.3



#74
Fluoranthene
Concen: 45.25 ng
RT: 19.56 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:202 Resp: 1159852
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.4
203 17.9 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.03 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

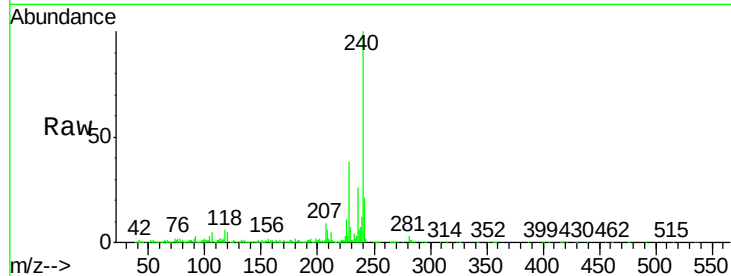
Tgt Ion:240 Resp: 440860

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

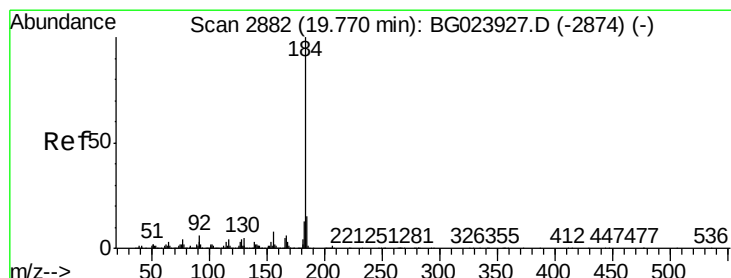
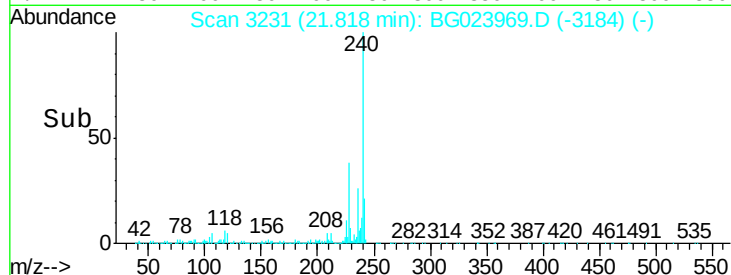
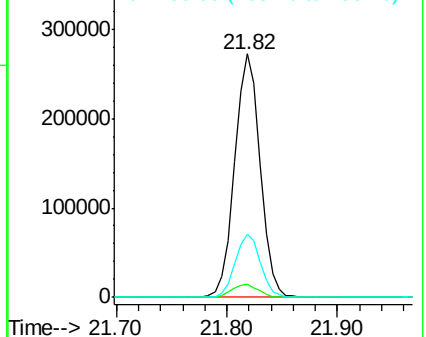
236 25.9 21.1 31.7



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: 34.89 ng

RT: 19.75 min Scan# 2879

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

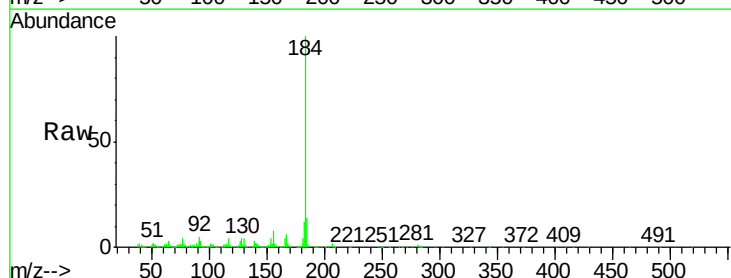
Tgt Ion:184 Resp: 476286

Ion Ratio Lower Upper

184 100

185 13.9 12.6 19.0

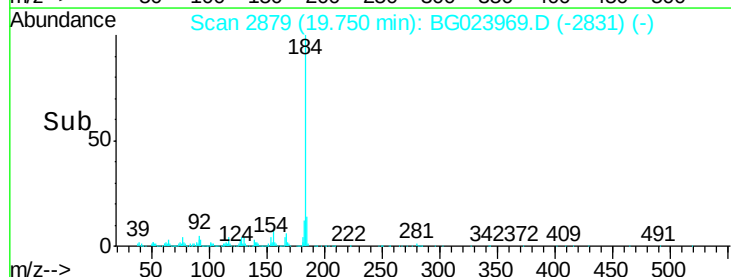
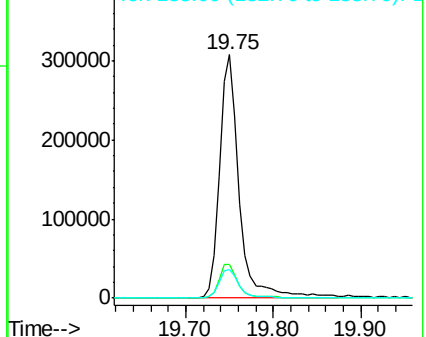
183 11.6 10.7 16.1

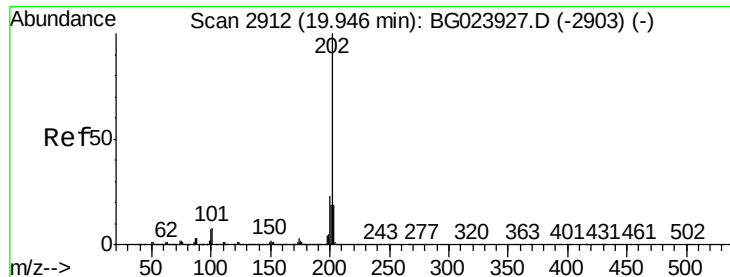


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.07 ng

RT: 19.93 min Scan# 2909

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

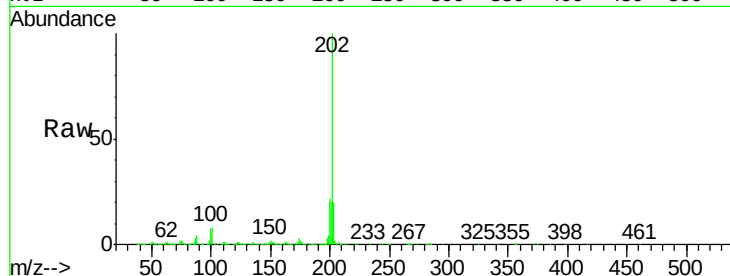
Tgt Ion:202 Resp: 1167822

Ion Ratio Lower Upper

202 100

200 22.2 21.2 31.8

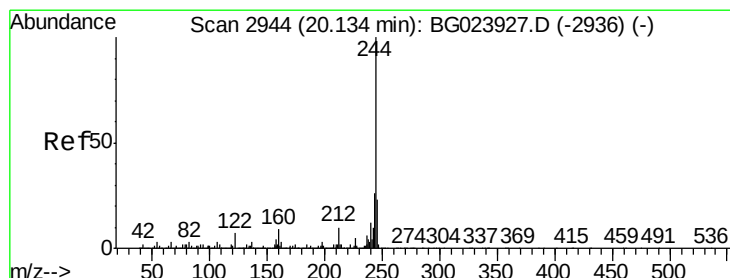
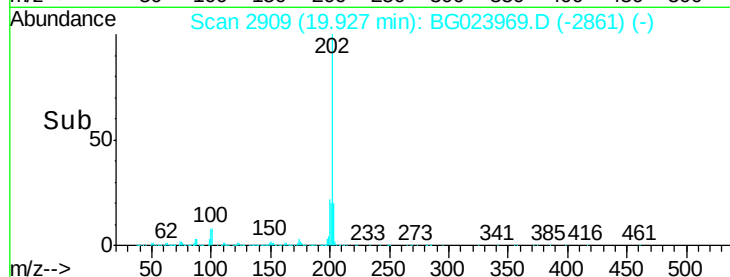
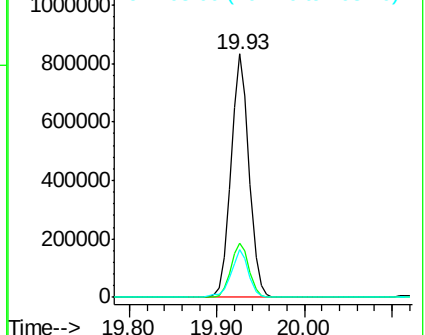
203 19.6 16.8 25.2



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: 84.46 ng

RT: 20.11 min Scan# 2941

Delta R.T. -0.02 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

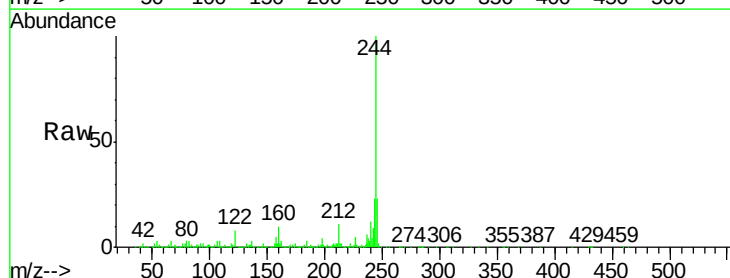
Tgt Ion:244 Resp: 1634949

Ion Ratio Lower Upper

244 100

212 10.6 10.8 16.2#

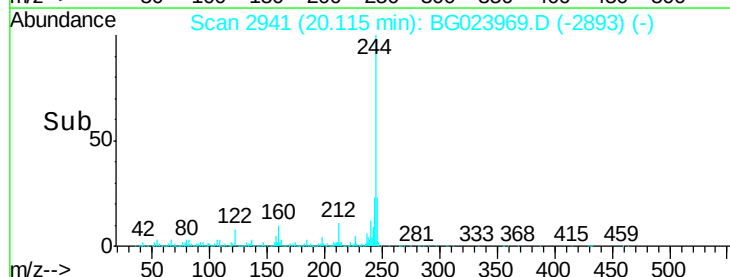
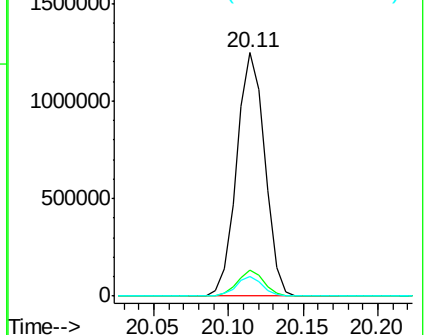
122 8.0 8.0 12.0#

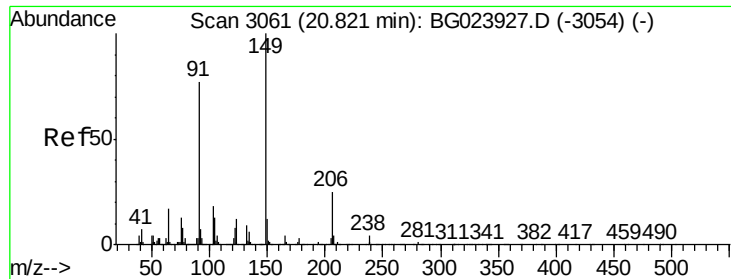


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.99 ng

RT: 20.80 min Scan# 3057

Delta R.T. -0.03 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

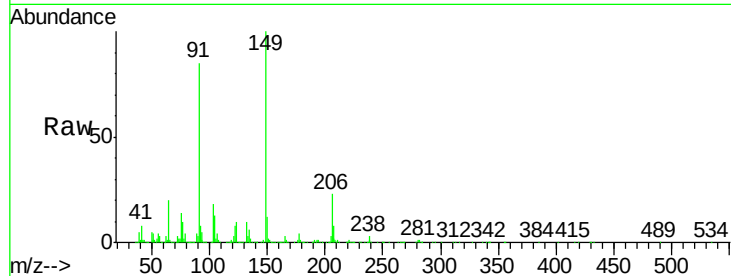
Tgt Ion:149 Resp: 470229

Ion Ratio Lower Upper

149 100

91 85.4 68.1 102.1

206 22.9 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

500000

400000

300000

200000

100000

0

20.80

20.75

20.70

20.65

20.60

20.55

20.50

20.45

20.40

20.35

20.30

20.25

20.20

20.15

20.10

20.05

20.00

19.95

19.90

19.85

19.80

19.75

19.70

19.65

19.60

19.55

19.50

19.45

19.40

19.35

19.30

19.25

19.20

19.15

19.10

19.05

19.00

18.95

18.90

18.85

18.80

18.75

18.70

18.65

18.60

18.55

18.50

18.45

18.40

18.35

18.30

18.25

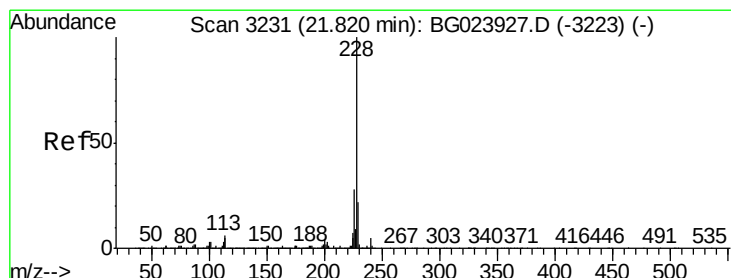
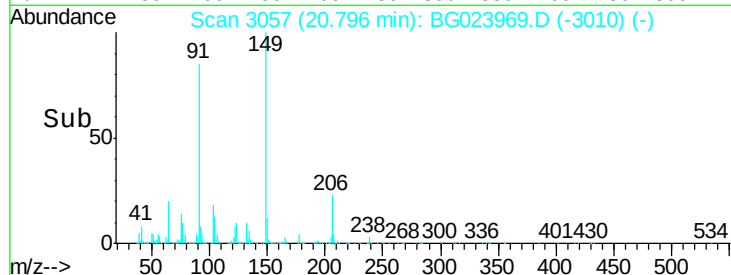
18.20

18.15

18.10

18.05

18.00



#80

Benzo(a)anthracene

Concen: 47.15 ng

RT: 21.79 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

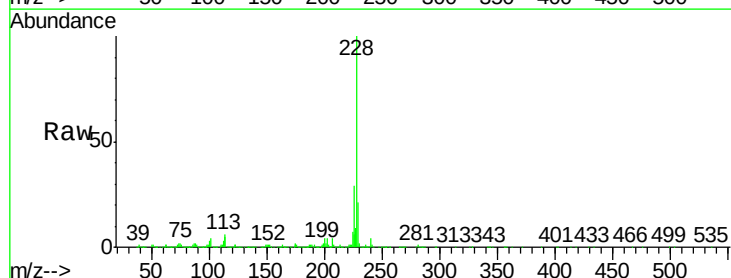
Tgt Ion:228 Resp: 1163603

Ion Ratio Lower Upper

228 100

226 28.6 25.3 37.9

229 20.6 19.9 29.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

800000

600000

400000

200000

0

21.79

21.75

21.70

21.65

21.60

21.55

21.50

21.45

21.40

21.35

21.30

21.25

21.20

21.15

21.10

21.05

21.00

20.95

20.90

20.85

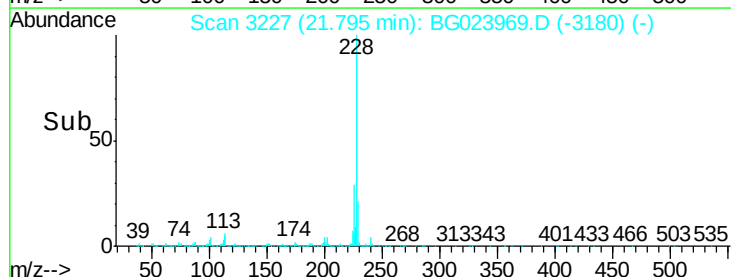
20.80

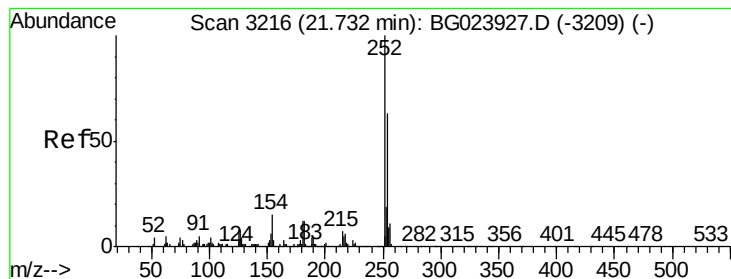
20.75

20.70

20.65

20.60

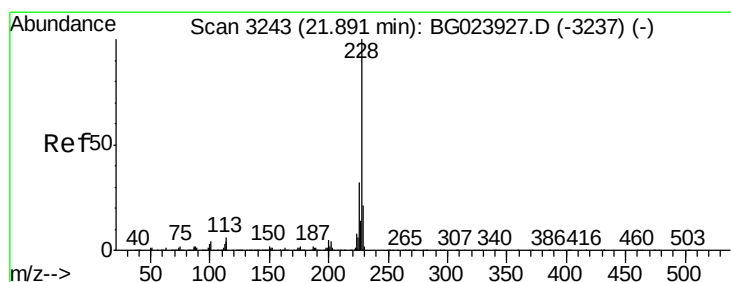
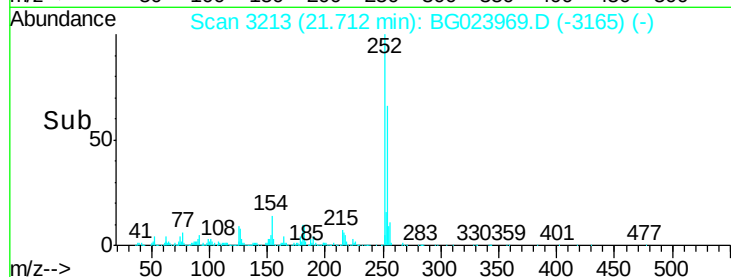
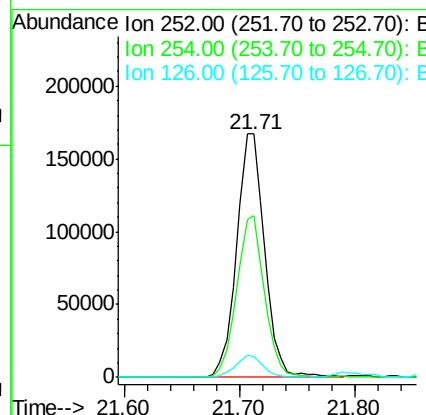
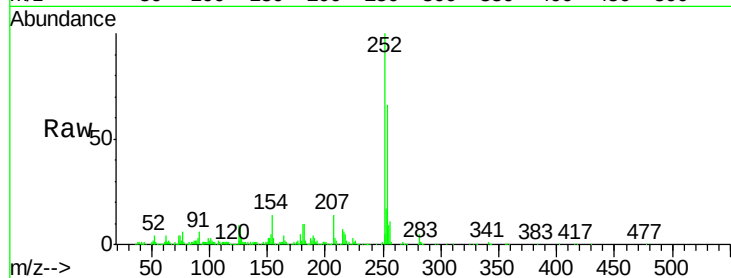




#81
 3,3'-Dichlorobenzidine
 Concen: 28.34 ng
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.02 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

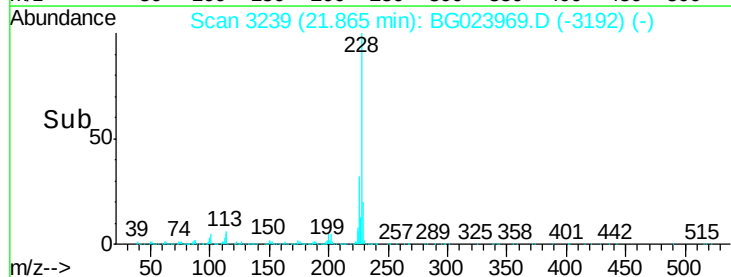
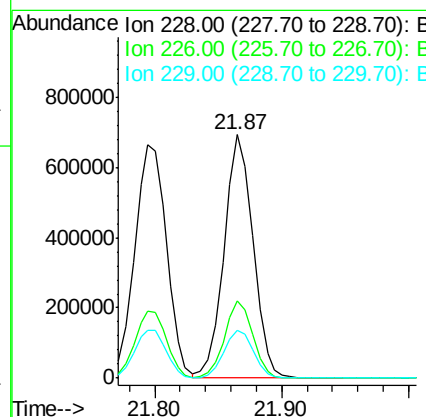
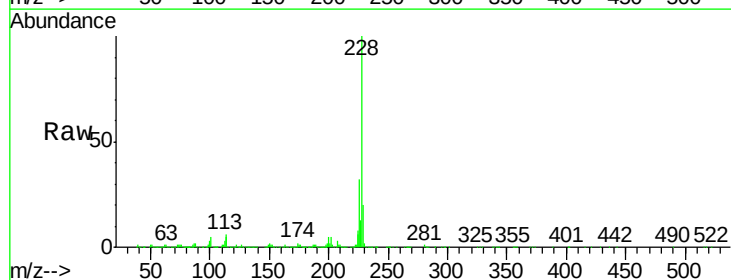
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

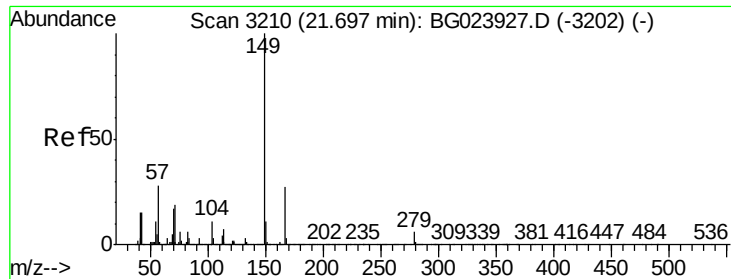
Tgt Ion: 252 Resp: 279590
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.2 76.8
 126 8.6 5.3 7.9#



#82
 Chrysene
 Concen: 46.46 ng
 RT: 21.87 min Scan# 3239
 Delta R.T. -0.03 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion: 228 Resp: 1091318
 Ion Ratio Lower Upper
 228 100
 226 31.8 26.7 40.1
 229 19.7 17.4 26.2

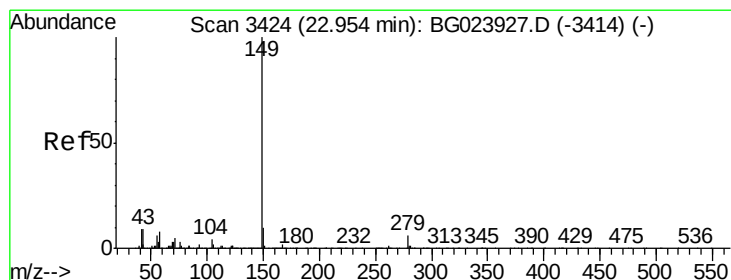
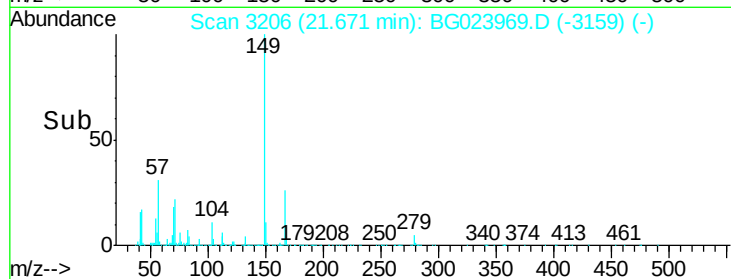
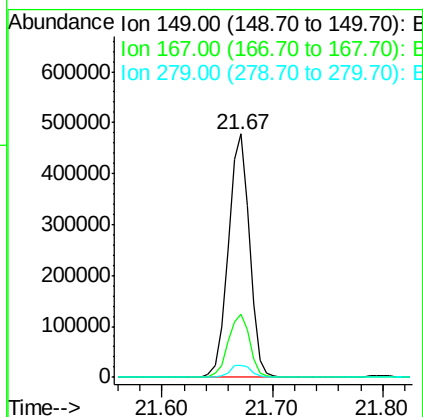
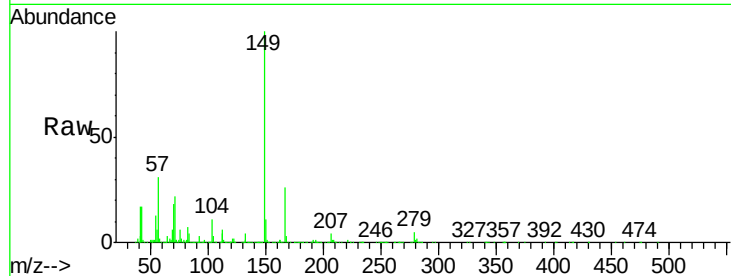




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.77 ng
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.03 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

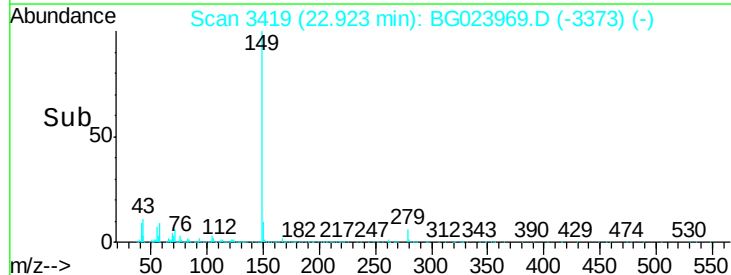
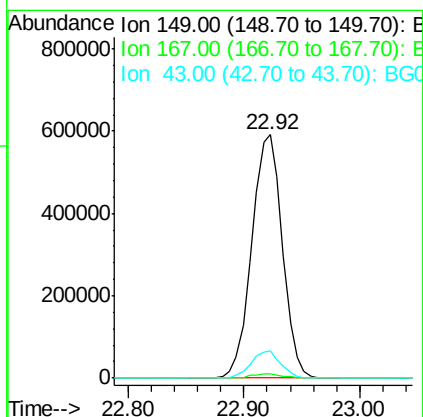
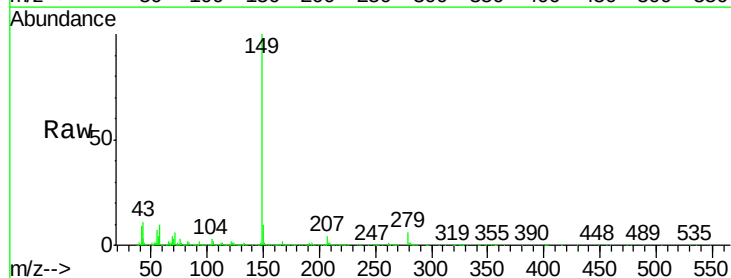
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

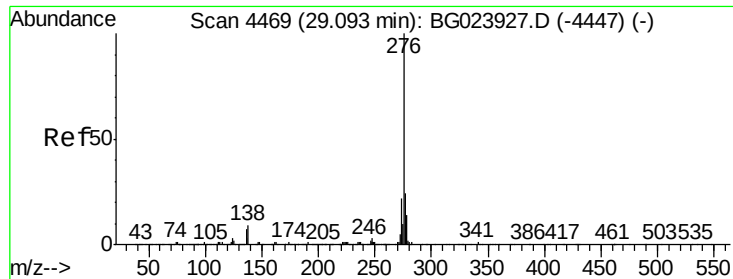
Tgt Ion:149 Resp: 640732
 Ion Ratio Lower Upper
 149 100
 167 25.7 24.0 36.0
 279 5.0 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 46.31 ng
 RT: 22.92 min Scan# 3419
 Delta R.T. -0.03 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion:149 Resp: 1086948
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.7 8.8 13.2

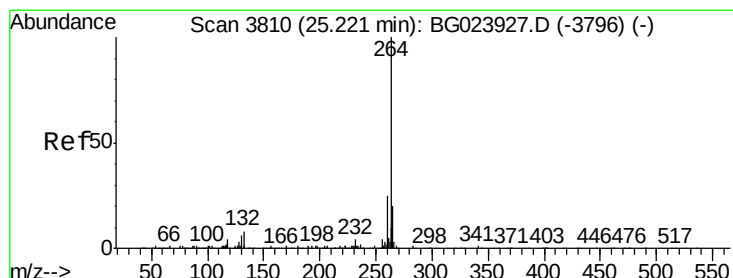
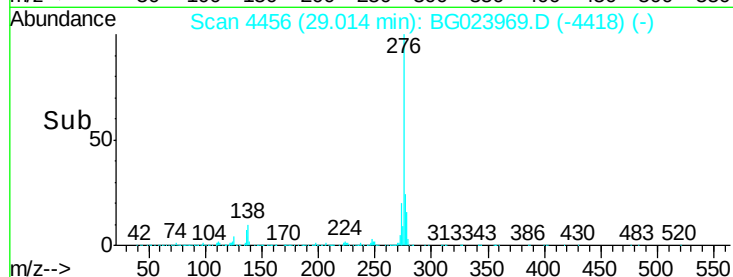
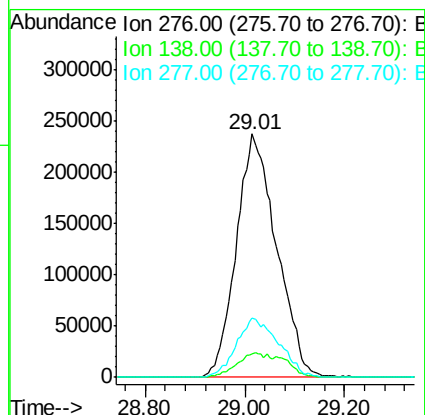
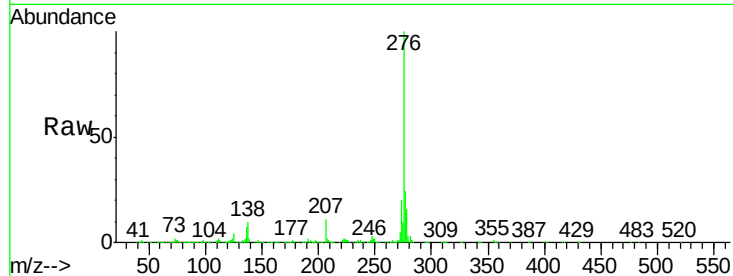




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.15 ng
 RT: 29.01 min Scan# 4456
 Delta R.T. -0.08 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

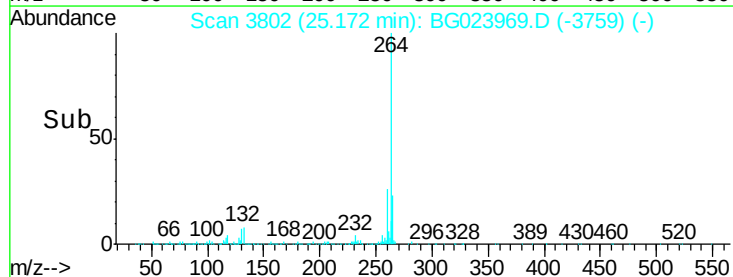
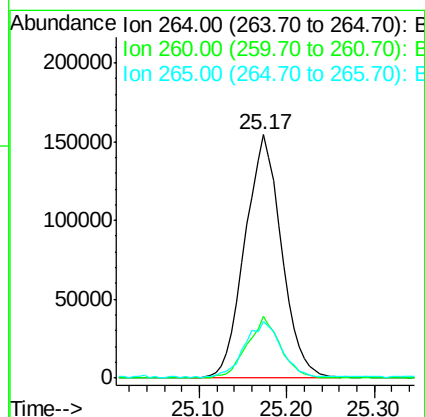
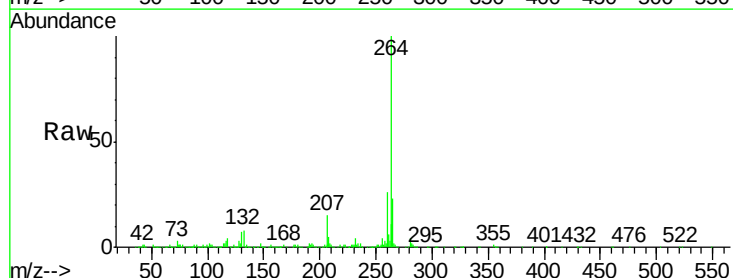
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BS

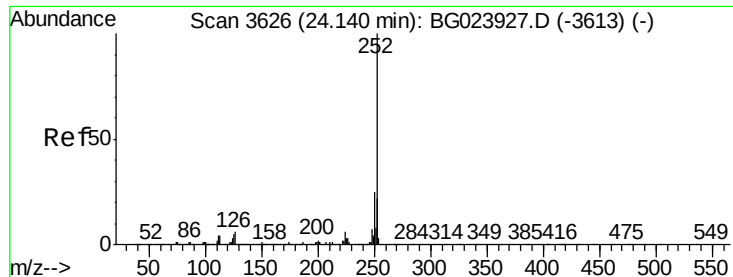
Tgt Ion:276 Resp: 1330389
 Ion Ratio Lower Upper
 276 100
 138 8.3 0.0 0.0#
 277 25.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.17 min Scan# 3802
 Delta R.T. -0.05 min
 Lab File: BG023969.D
 Acq: 8 Sep 2016 17:38

Tgt Ion:264 Resp: 439393
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.4 27.6
 265 23.2 18.9 28.3

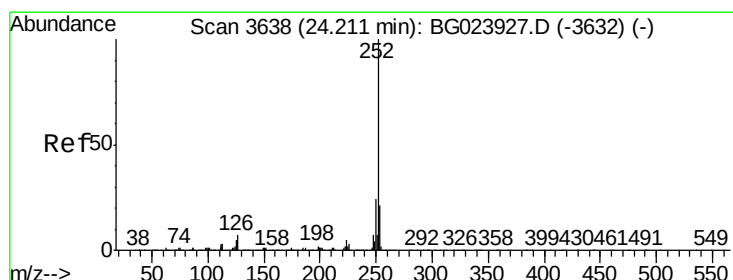
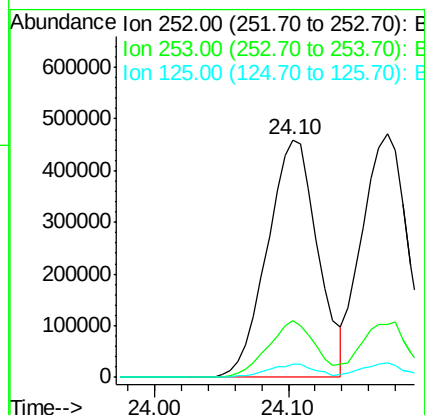
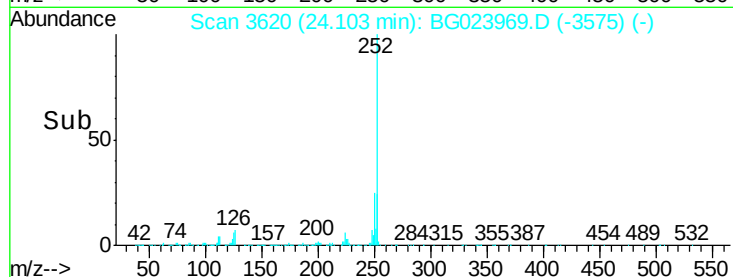
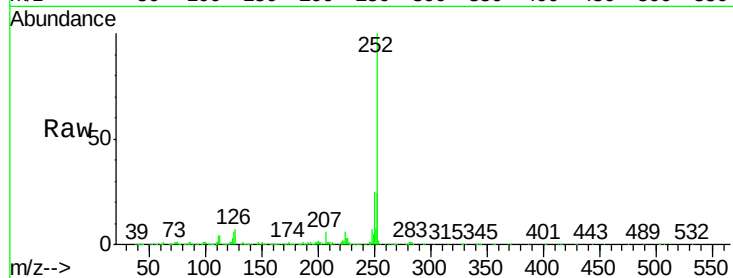




#87
Benzo(b)fluoranthene
Concen: 48.17 ng
RT: 24.10 min Scan# 3620
Delta R.T. -0.04 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

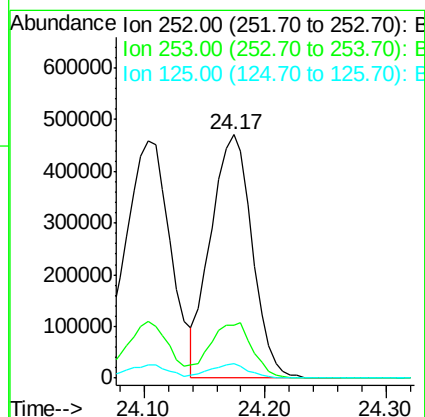
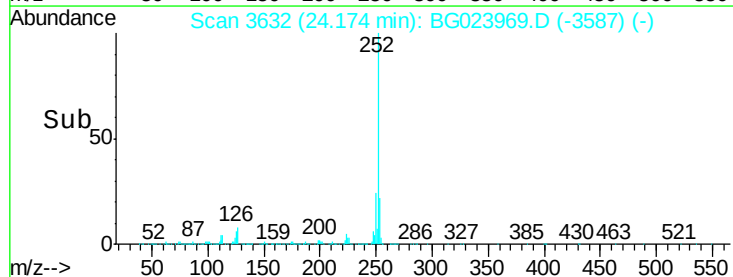
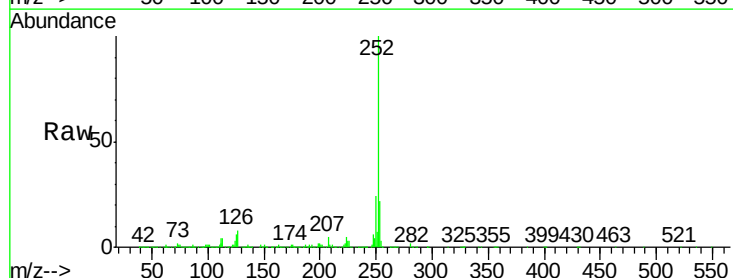
Instrument :
BNA_G
ClientSampleId :
PB93297BS

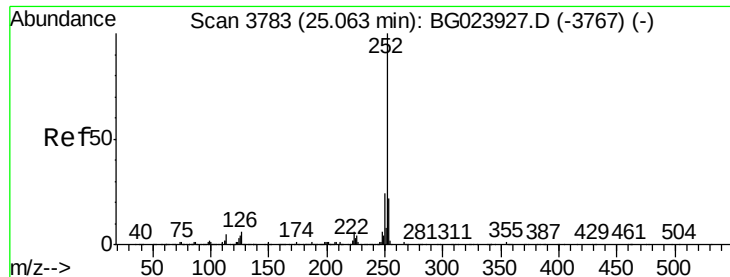
Tgt Ion:252 Resp: 1202373
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 5.7 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 45.09 ng
RT: 24.17 min Scan# 3632
Delta R.T. -0.04 min
Lab File: BG023969.D
Acq: 8 Sep 2016 17:38

Tgt Ion:252 Resp: 1115893
Ion Ratio Lower Upper
252 100
253 21.7 18.8 28.2
125 6.1 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 48.07 ng

RT: 25.01 min Scan# 3775

Delta R.T. -0.05 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

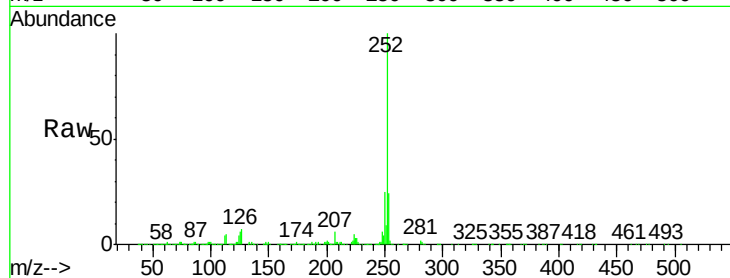
Tgt Ion:252 Resp: 1139492

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

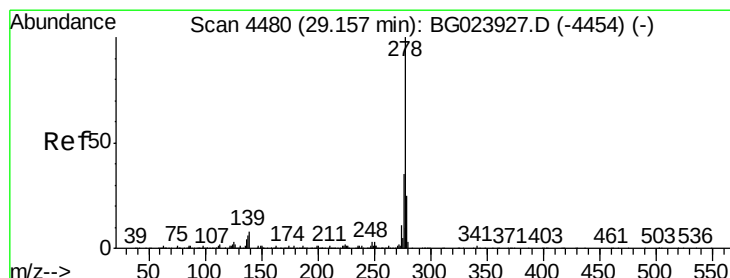
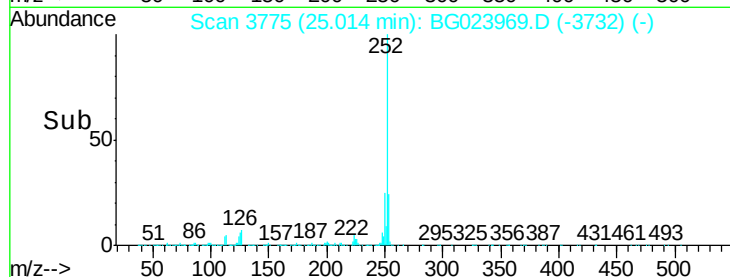
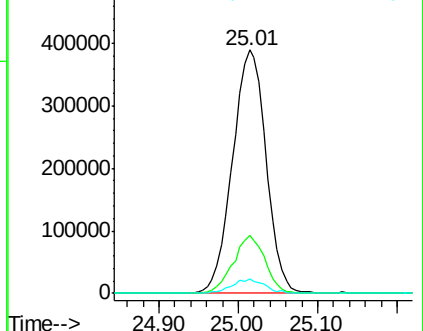
125 5.8 3.9 5.9



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



#90

Dibenzo(a,h)anthracene

Concen: 47.41 ng

RT: 29.07 min Scan# 4466

Delta R.T. -0.08 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

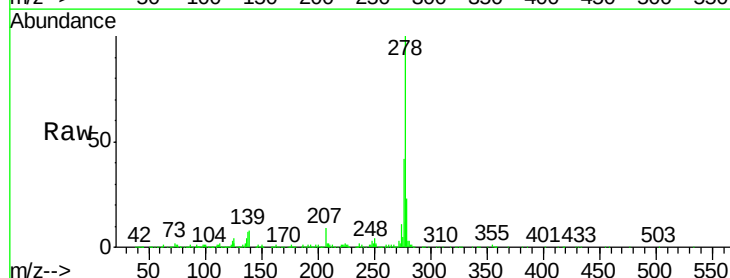
Tgt Ion:278 Resp: 1105249

Ion Ratio Lower Upper

278 100

139 8.5 4.7 7.1#

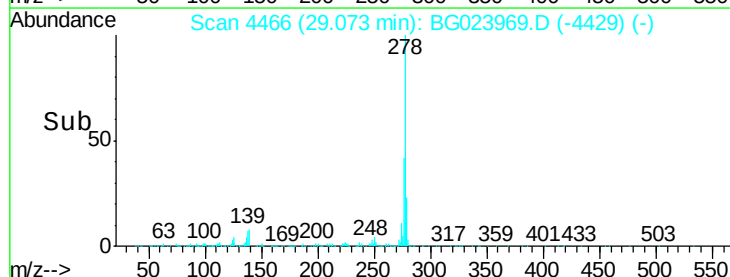
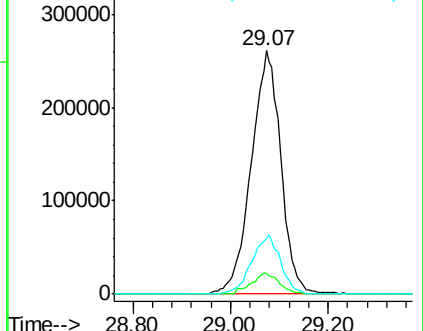
279 22.9 18.3 27.5

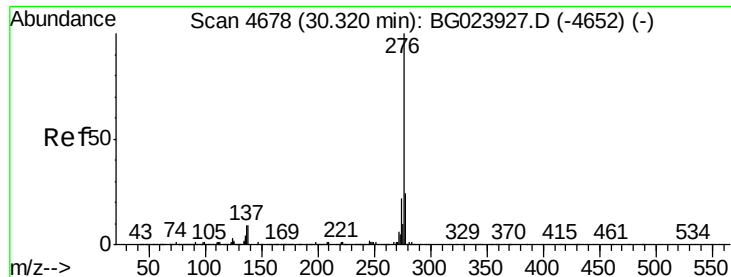


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.80 ng

RT: 30.22 min Scan# 4662

Delta R.T. -0.10 min

Lab File: BG023969.D

Acq: 8 Sep 2016 17:38

Instrument :

BNA_G

ClientSampleId :

PB93297BS

Tgt Ion:276 Resp: 1093990

Ion Ratio Lower Upper

276 100

277 24.7 18.6 27.8

138 9.7 6.8 10.2

