

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023087.D
 Acq On : 14 Jul 2016 3:52
 Operator : UM/SJ
 Sample : PB92093BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BS

Quant Time: Jul 14 04:52:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	100984	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	471291	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	372078	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	913320	20.00	ng	0.00
75) Chrysene-d12	21.86	240	958092	20.00	ng	0.02
86) Perylene-d12	25.25	264	972088	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	481770	78.03	ng	0.00
7) Phenol-d6	7.31	99	775693	80.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	803376	72.99	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	412480	61.68	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1697146	71.85	ng	0.00
78) Terphenyl-d14	20.16	244	2531740	83.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	106036	44.18	ng	92
3) Pyridine	3.97	79	232902	28.36	ng	96
4) n-Nitrosodimethylamine	3.89	42	124843	35.43	ng	# 95
6) Aniline	7.47	93	355912	26.56	ng	99
8) 2-Chlorophenol	7.72	128	262792	39.99	ng	99
9) Benzaldehyde	7.28	77	116311	18.00	ng	# 83
10) Phenol	7.34	94	418980	42.11	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	271486	34.42	ng	94
12) 1,3-Dichlorobenzene	8.04	146	255819	31.81	ng	95
13) 1,4-Dichlorobenzene	8.19	146	264164	32.81	ng	98
14) 1,2-Dichlorobenzene	8.51	146	254145	31.75	ng	95
15) Benzyl Alcohol	8.39	79	365854	41.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	334003	34.67	ng	93
17) 2-Methylphenol	8.60	107	271139	41.86	ng	95
18) Hexachloroethane	9.24	117	108282	31.86	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	293356	33.65	ng	# 98
20) 3+4-Methylphenols	8.93	107	379264	41.99	ng	97
22) Acetophenone	8.98	105	468176	33.10	ng	# 92
24) Nitrobenzene	9.37	77	434958	37.19	ng	# 92
25) Isophorone	9.89	82	783849	35.41	ng	96
26) 2-Nitrophenol	10.08	139	173175	37.74	ng	97
27) 2,4-Dimethylphenol	10.14	122	314764	39.68	ng	88
28) bis(2-Chloroethoxy)methane	10.37	93	450596	36.50	ng	99
29) 2,4-Dichlorophenol	10.63	162	348125	41.15	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	330664	34.11	ng	98
31) Naphthalene	11.04	128	838480	34.95	ng	99
32) Benzoic acid	10.28	122	220457	30.55	ng	90
33) 4-Chloroaniline	11.14	127	225374	19.21	ng	94
34) Hexachlorobutadiene	11.31	225	248787	31.65	ng	99
35) Caprolactam	11.92	113	119416m	34.31	ng	
36) 4-Chloro-3-methylphenol	12.26	107	451927	39.05	ng	98
37) 2-Methylnaphthalene	12.63	142	697158	36.77	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	452031	28.19	ng	99
40) Hexachlorocyclopentadiene	12.98	237	593683	64.32	ng	98

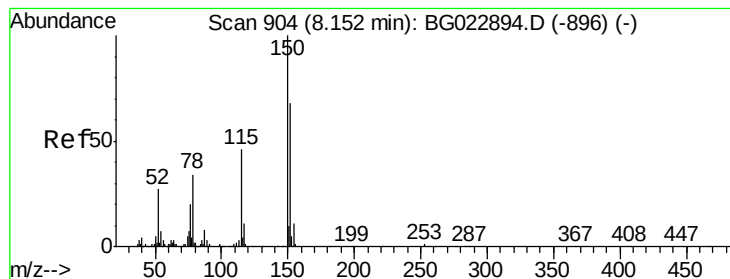
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	335681	36.42	nq	96
43) 2,4,5-Trichlorophenol	13.32	196	356048	37.62	nq	95
45) 1,1'-Biphenyl	13.63	154	998323	35.76	nq	97
46) 2-Chloronaphthalene	13.68	162	830330	36.67	nq	97
47) 2-Nitroaniline	13.89	65	362447	37.51	nq	95
48) Acenaphthylene	14.53	152	1258990	37.06	nq	99
49) Dimethylphthalate	14.25	163	1128544	37.13	nq	98
50) 2,6-Dinitrotoluene	14.38	165	256200	37.51	nq	87
51) Acenaphthene	14.87	154	816379	36.78	nq	99
52) 3-Nitroaniline	14.71	138	171057	25.11	nq	91
53) 2,4-Dinitrophenol	14.91	184	319749	68.22	nq	97
54) Dibenzofuran	15.20	168	1328941	39.99	nq	99
55) 4-Nitrophenol	15.03	139	391906	68.64	nq	95
56) 2,4-Dinitrotoluene	15.16	165	373929	37.55	nq	# 99
57) Fluorene	15.85	166	1067298	37.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	364850	38.53	nq	98
59) Diethylphthalate	15.61	149	1185682	38.34	nq	99
60) 4-Chlorophenyl-phenylether	15.84	204	624301	35.84	nq	97
61) 4-Nitroaniline	15.88	138	258907	35.13	nq	# 80
62) Azobenzene	16.13	77	1301005	43.98	nq	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	237689	35.02	nq	97
65) n-Nitrosodiphenylamine	16.05	169	1009219	38.35	nq	98
66) 4-Bromophenyl-phenylether	16.74	248	420770	35.41	nq	96
67) Hexachlorobenzene	16.86	284	449865	34.82	nq	99
68) Atrazine	17.00	200	410159	35.14	nq	96
69) Pentachlorophenol	17.21	266	564468	67.46	nq	95
70) Phenanthrene	17.60	178	1733760	38.74	nq	99
71) Anthracene	17.69	178	1767679	39.00	nq	99
72) Carbazole	17.96	167	1541830	39.37	nq	99
73) Di-n-butylphthalate	18.50	149	1851507	42.51	nq	99
74) Fluoranthene	19.61	202	2007684	36.55	nq	97
76) Benzidine	19.79	184	873050	31.79	nq	98
77) Pyrene	19.97	202	2035784	37.81	nq	99
79) Butylbenzylphthalate	20.84	149	890952	41.78	nq	97
80) Benzo(a)anthracene	21.85	228	2141415	39.95	nq	97
81) 3,3'-Dichlorobenzidine	21.75	252	658354	27.98	nq	# 99
82) Chrysene	21.91	228	1970983	39.20	nq	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1224473	41.35	nq	99
84) Di-n-octyl phthalate	22.99	149	2057734	41.67	nq	98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2354722	36.73	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2206215	39.34	nq	# 98
88) Benzo(k)fluoranthene	24.24	252	2131069	40.04	nq	# 98
89) Benzo(a)pyrene	25.09	252	2155350	40.09	nq	# 99
90) Dibenzo(a,h)anthracene	29.19	278	2007457	37.62	nq	# 98
91) Benzo(g,h,i)perylene	30.33	276	1900694	35.57	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

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ClientSampleId :

PB92093BS

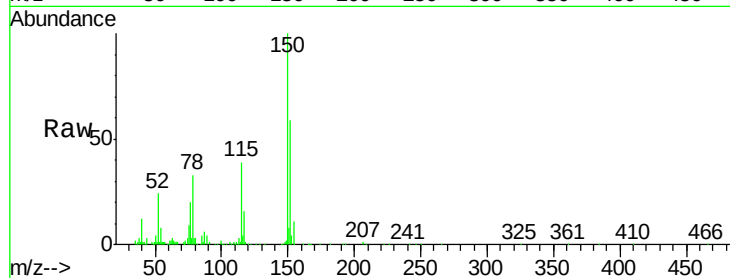
Tot Ion:152 Resp: 100984

Ion Ratio Lower Upper

152 100

150 170.9 144.7 217.1

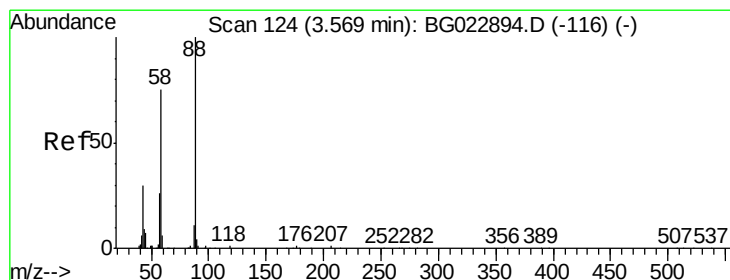
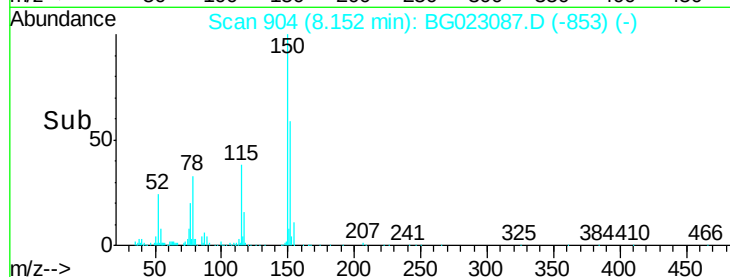
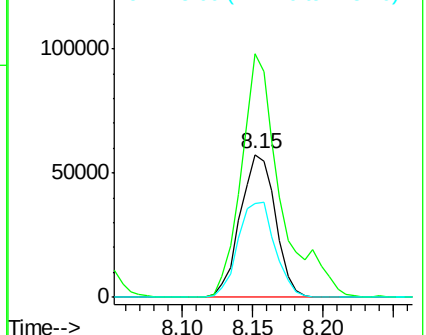
115 66.0 64.0 96.0



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: 44.18 ng

RT: 3.56 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

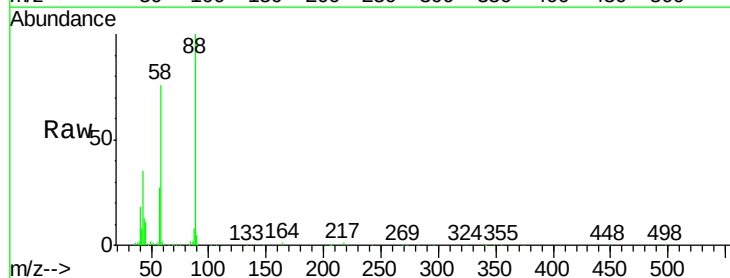
Tgt Ion: 88 Resp: 106036

Ion Ratio Lower Upper

88 100

58 80.4 60.4 90.6

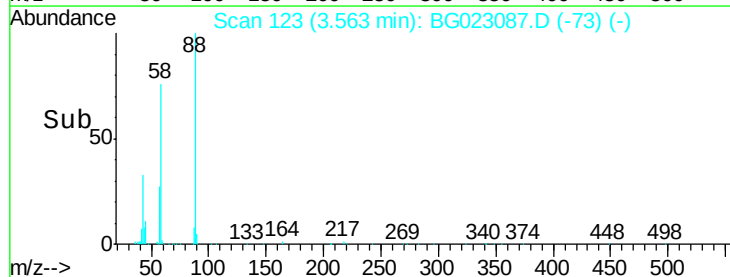
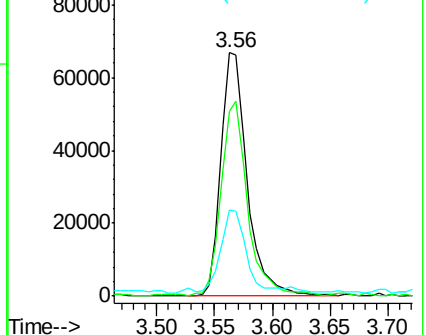
43 31.9 31.1 46.7

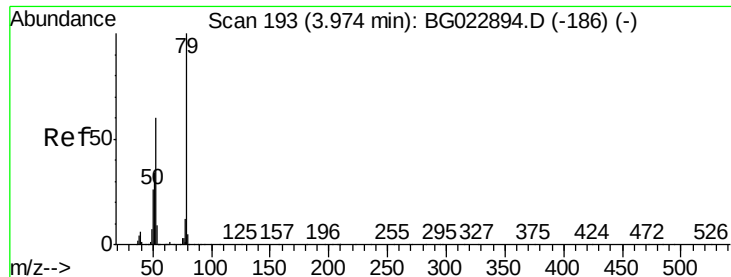


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.36 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

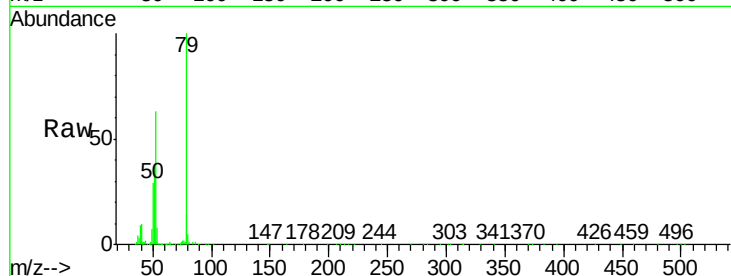
Tot Ion: 79 Resp: 232902

Ion Ratio Lower Upper

79 100

52 63.0 51.8 77.8

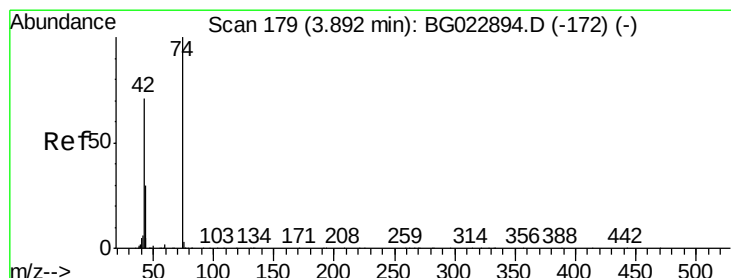
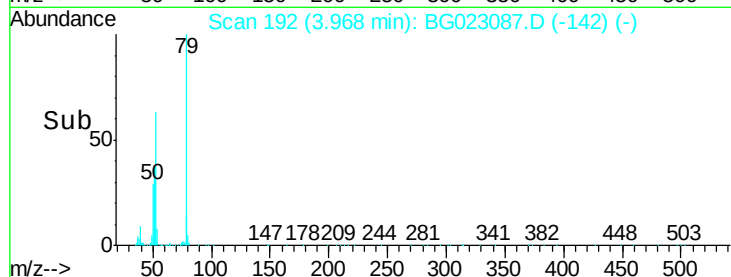
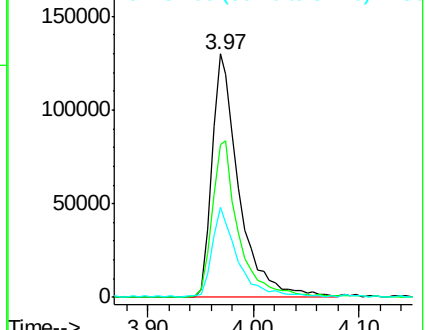
51 37.2 32.7 49.1



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: 35.43 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

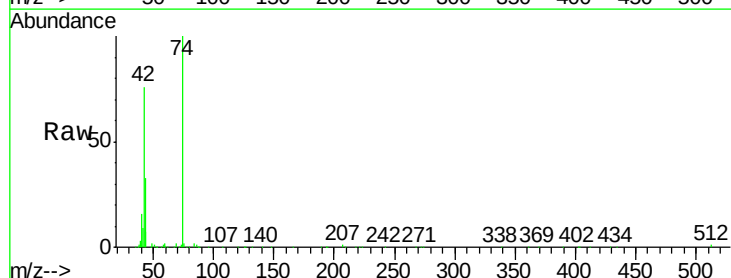
Tgt Ion: 42 Resp: 124843

Ion Ratio Lower Upper

42 100

74 131.1 100.6 150.8

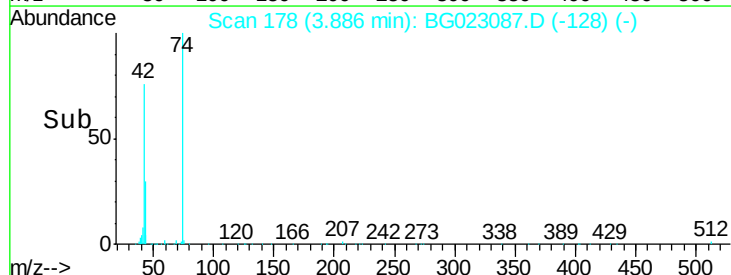
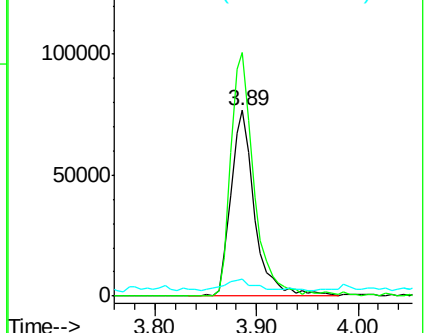
44 9.0 4.5 6.7#

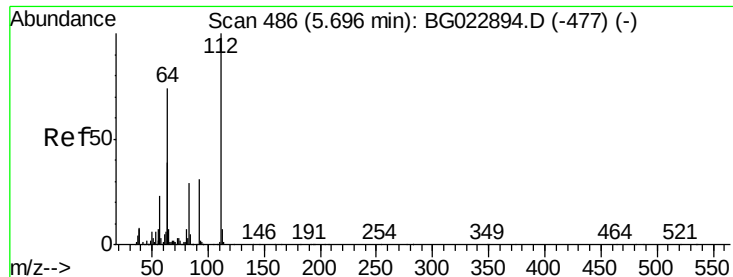


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 78.03 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

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ClientSampleId :

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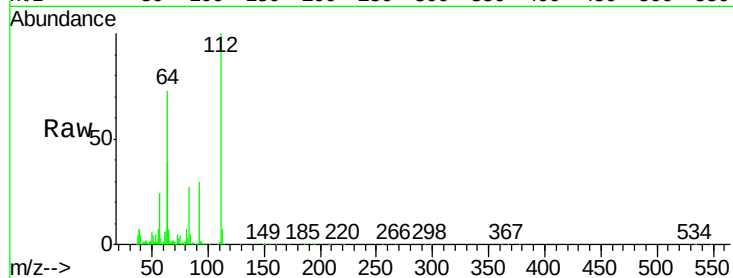
Tot Ion:112 Resp: 481770

Ion Ratio Lower Upper

112 100

64 72.9 59.0 88.4

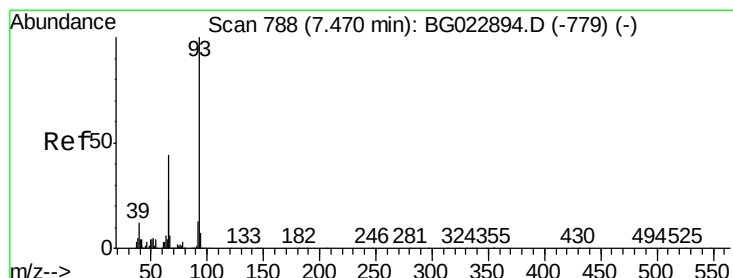
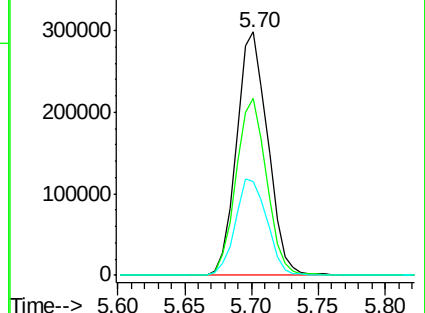
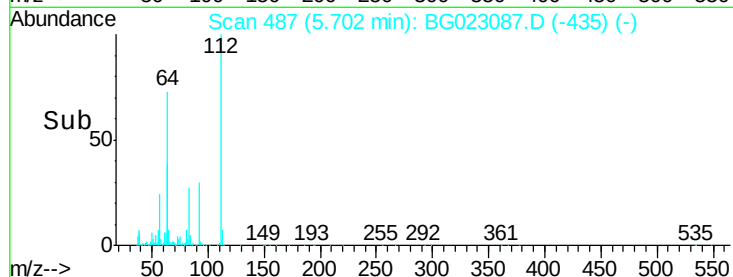
63 38.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.56 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

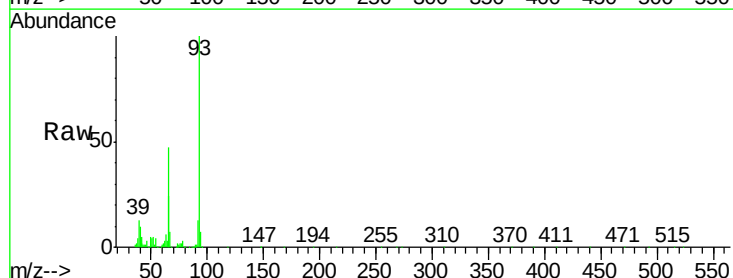
Tgt Ion: 93 Resp: 355912

Ion Ratio Lower Upper

93 100

66 47.3 37.5 56.3

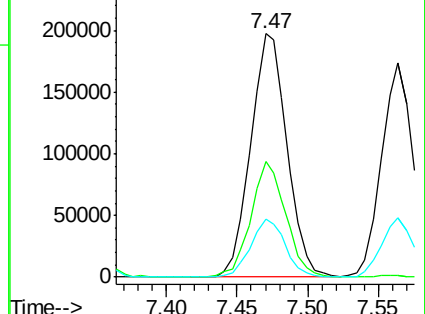
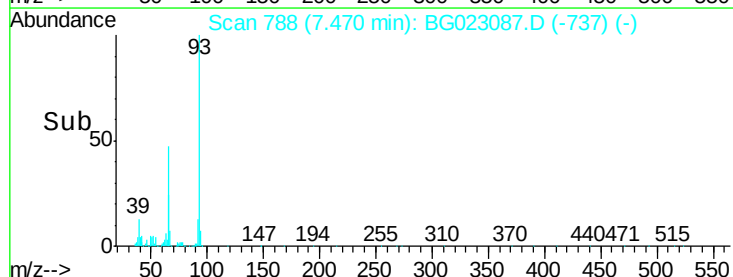
65 23.9 17.9 26.9

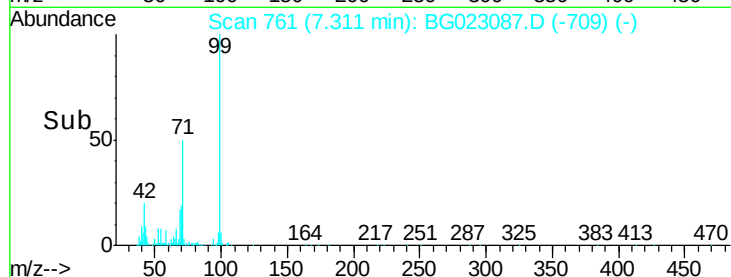
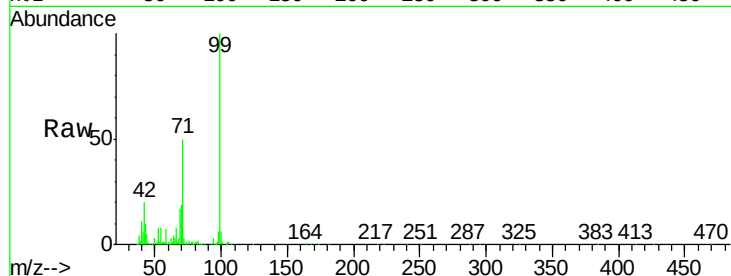
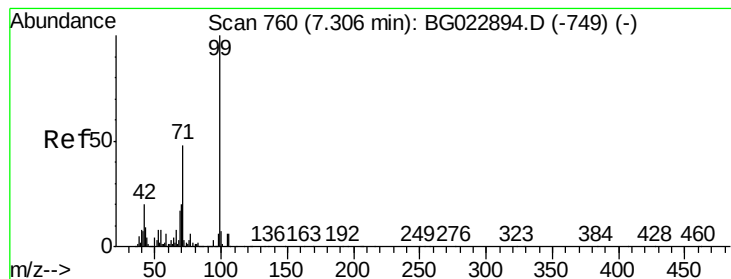


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.21 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

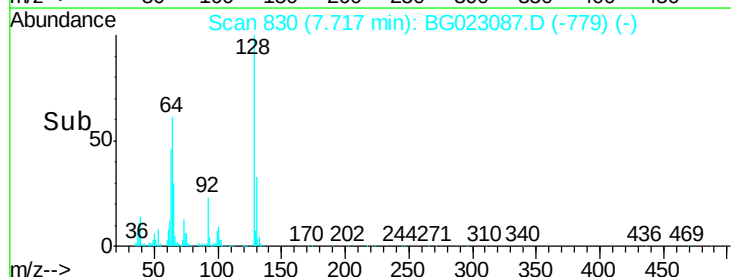
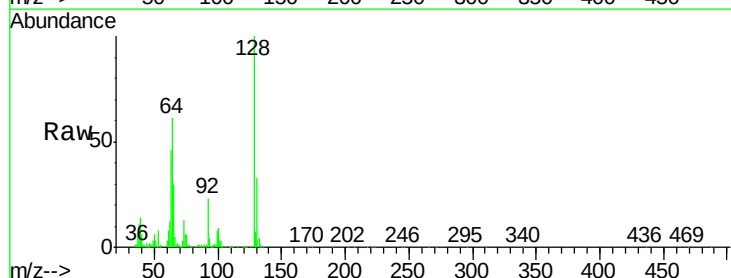
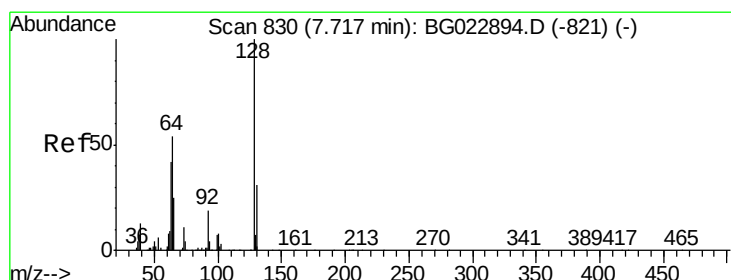
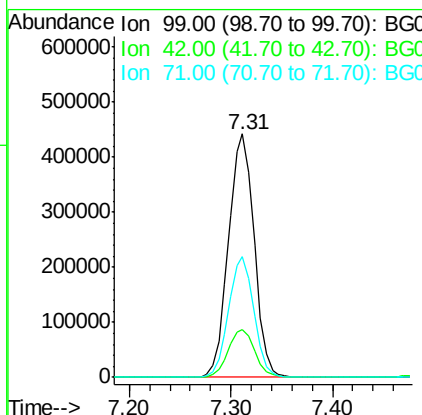
Tot Ion: 99 Resp: 775693

Ion Ratio Lower Upper

99 100

42 19.9 17.8 26.6

71 49.6 41.5 62.3



#8

2-Chlorophenol

Concen: 39.99 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

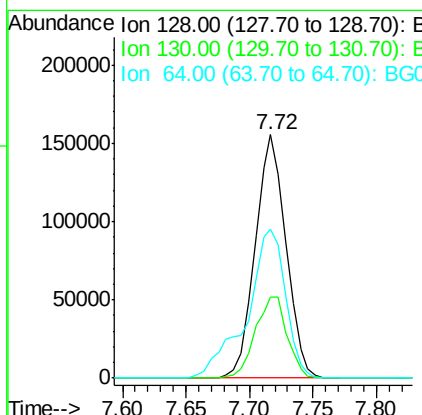
Tgt Ion:128 Resp: 262792

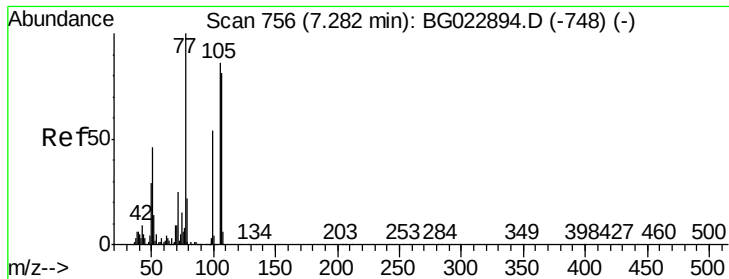
Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

64 61.4 42.0 82.0





#9

Benzaldehyde

Concen: 18.00 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

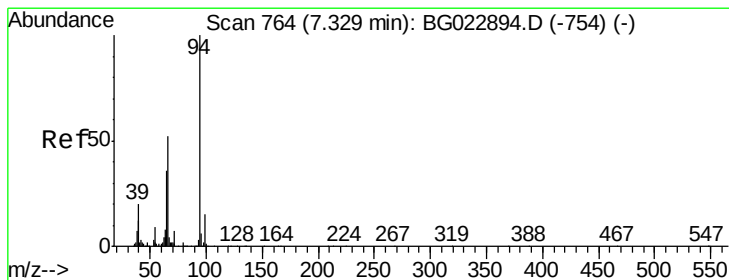
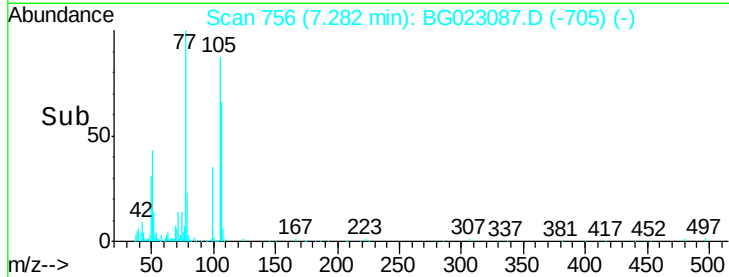
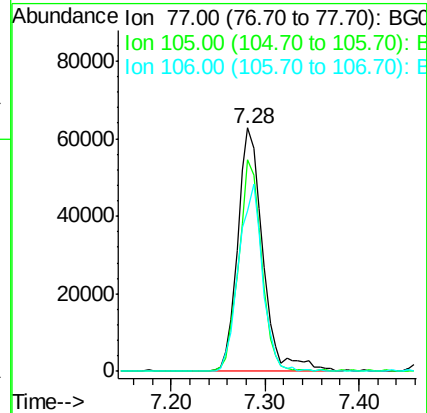
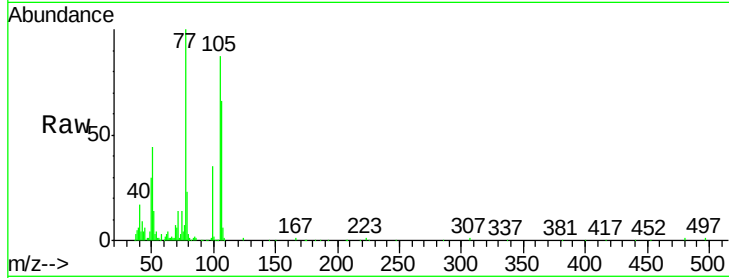
Tot Ion: 77 Resp: 116311

Ion Ratio Lower Upper

77 100

105 87.1 58.7 98.7

106 66.1 67.5 107.5#



#10

Phenol

Concen: 42.11 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

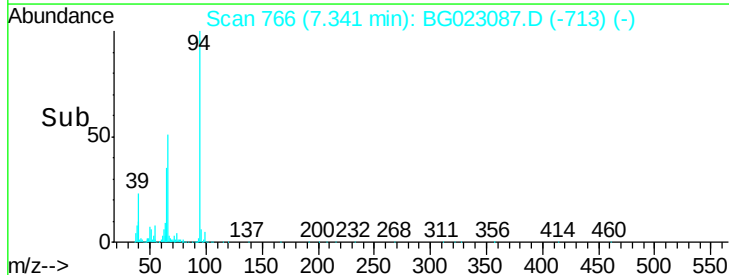
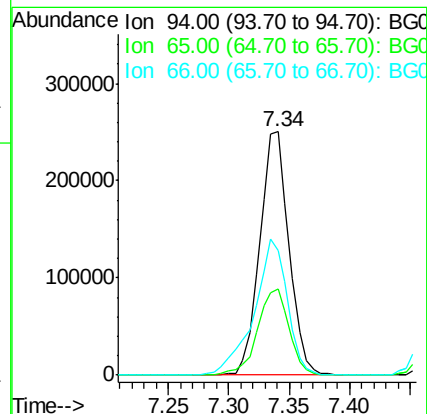
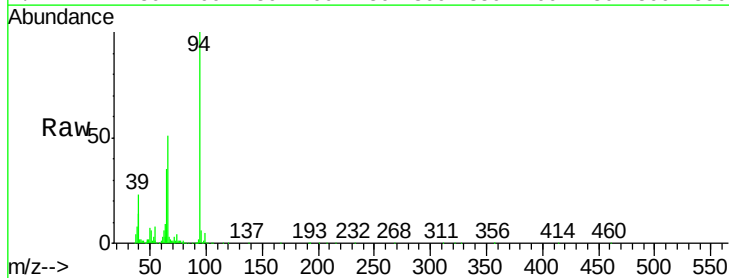
Tgt Ion: 94 Resp: 418980

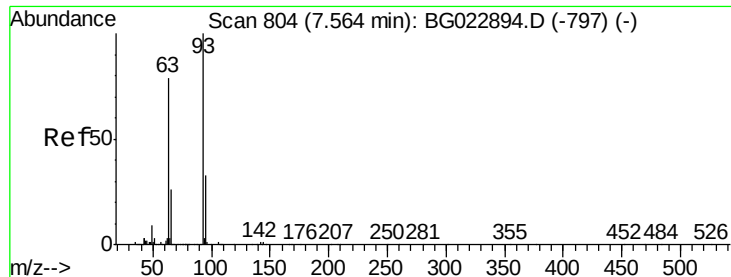
Ion Ratio Lower Upper

94 100

65 35.4 18.1 58.1

66 51.3 42.1 82.1

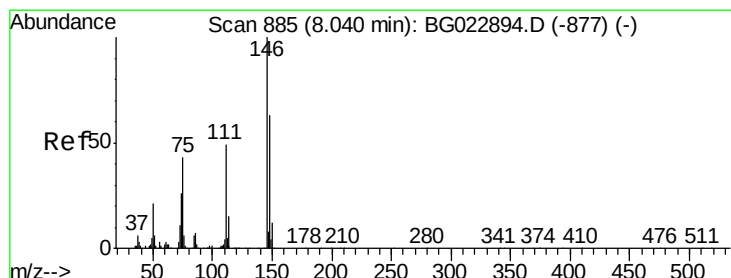
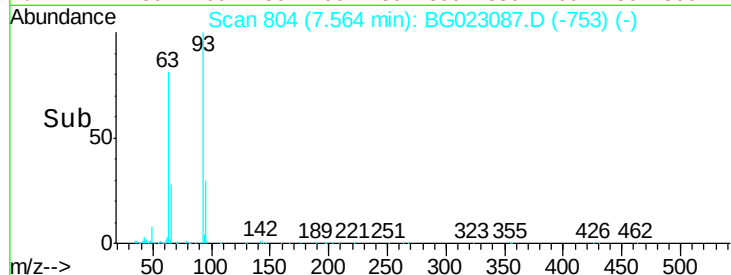
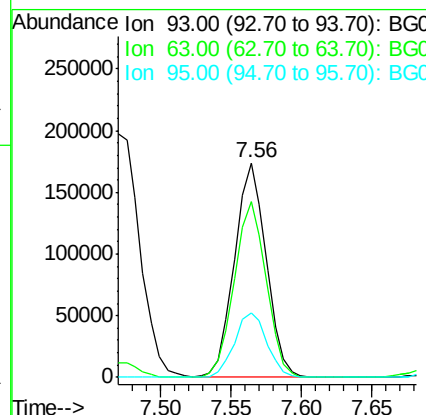
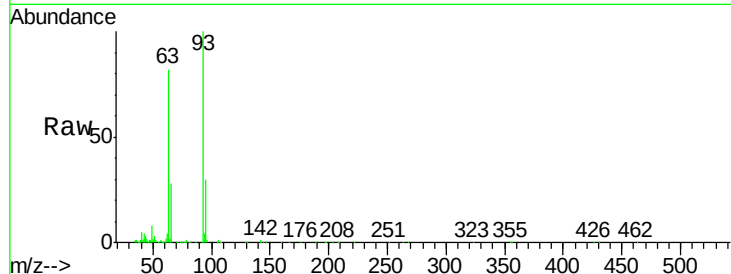




#11
bis(2-Chloroethyl)ether
Concen: 34.42 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

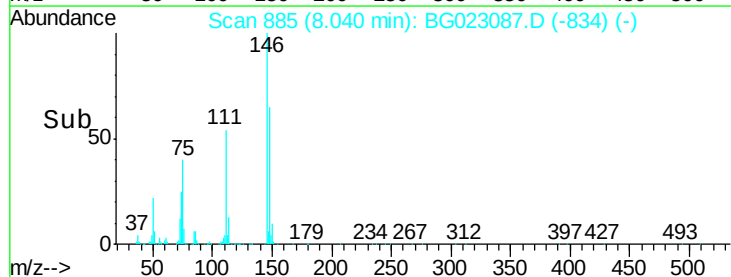
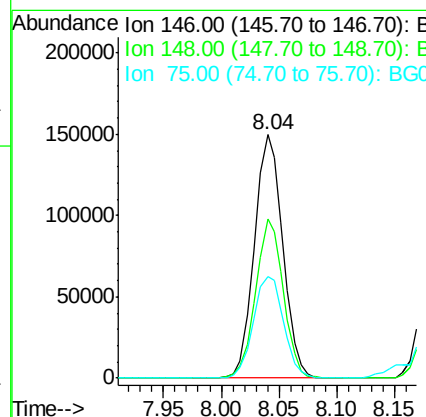
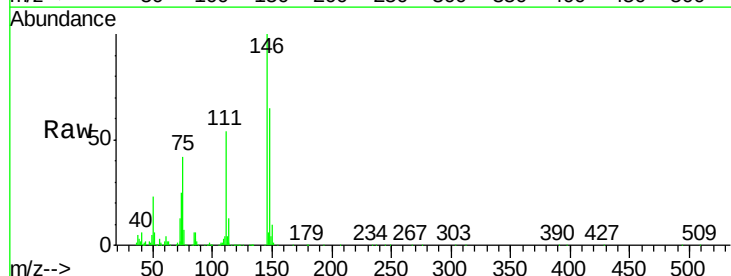
Instrument :
BNA_G
ClientSampleId :
PB92093BS

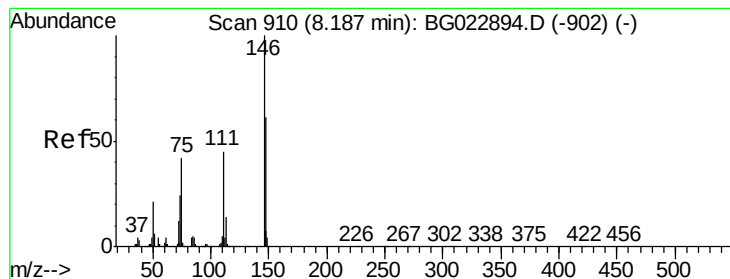
Tot Ion	93	Resp	271486
Ion Ratio	Lower	Upper	
93	100		
63	81.7	55.0	95.0
95	30.1	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 31.81 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion	146	Resp	255819
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.3	75.5
75	41.6	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 32.81 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

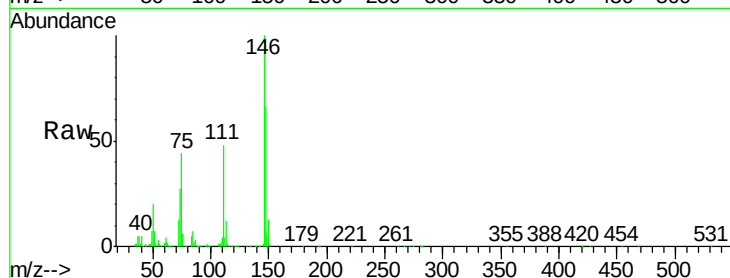
Tot Ion:146 Resp: 264164

Ion Ratio Lower Upper

146 100

148 66.4 54.5 81.7

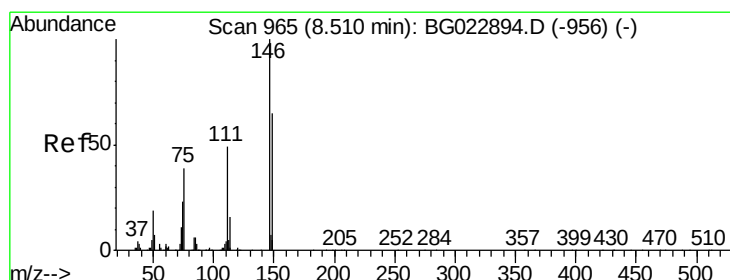
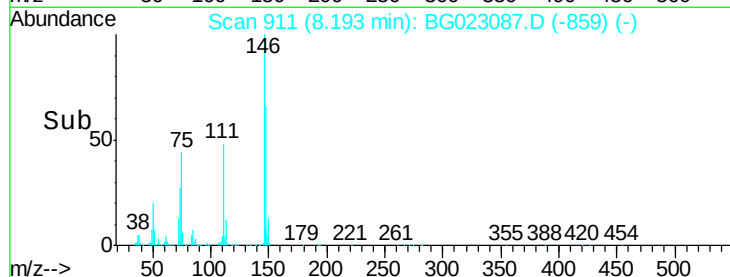
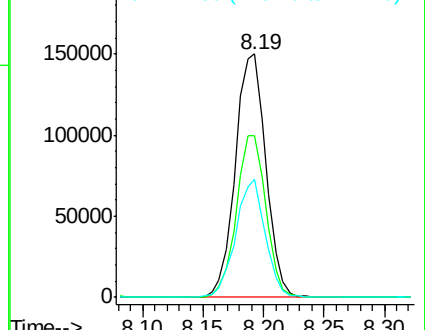
111 48.3 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.75 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

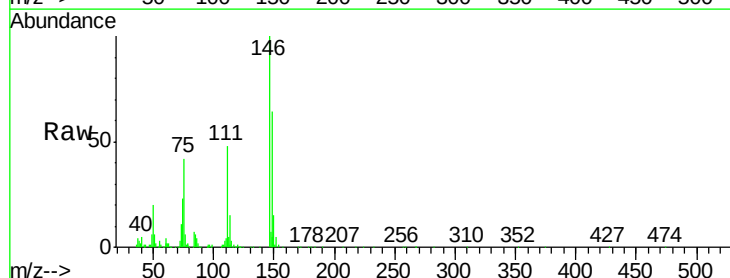
Tgt Ion:146 Resp: 254145

Ion Ratio Lower Upper

146 100

148 64.0 52.9 79.3

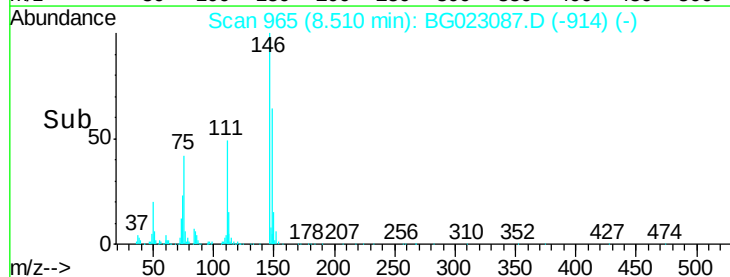
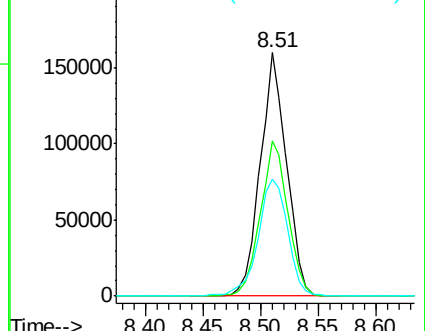
111 48.2 43.5 65.3

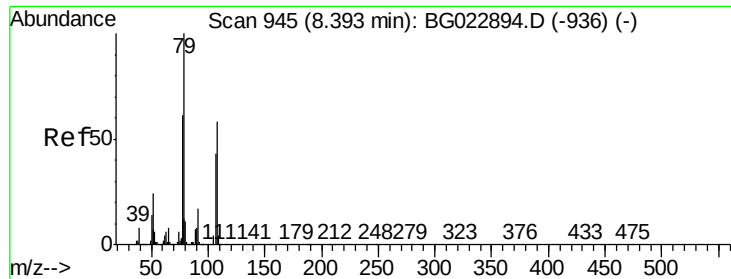


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

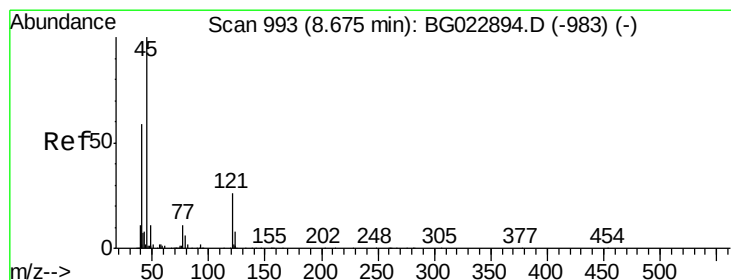
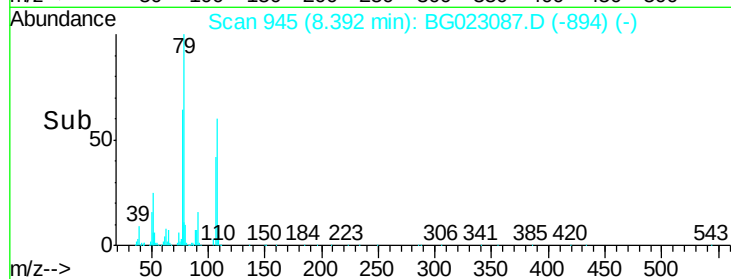
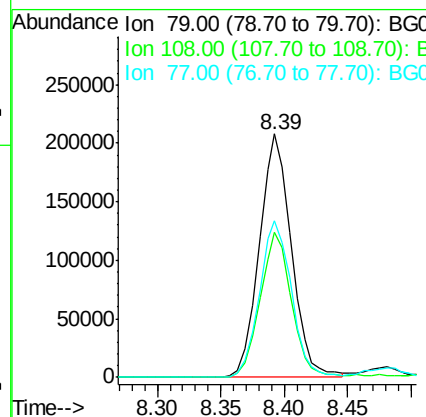
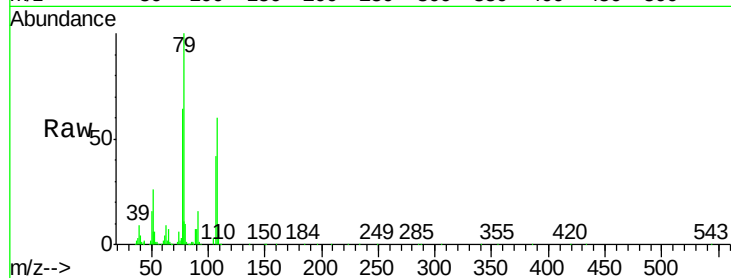




#15
Benzyl Alcohol
Concen: 41.30 ng
RT: 8.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

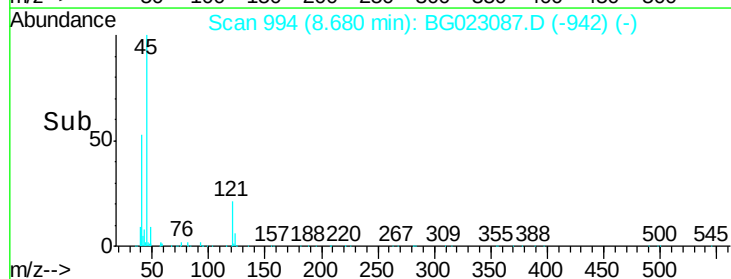
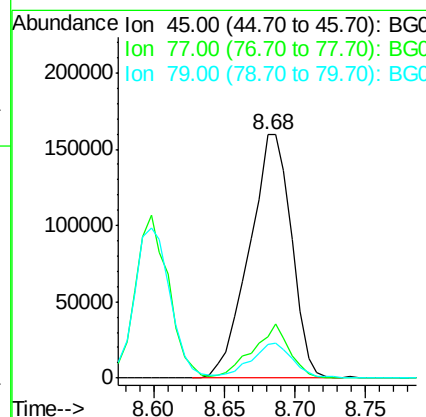
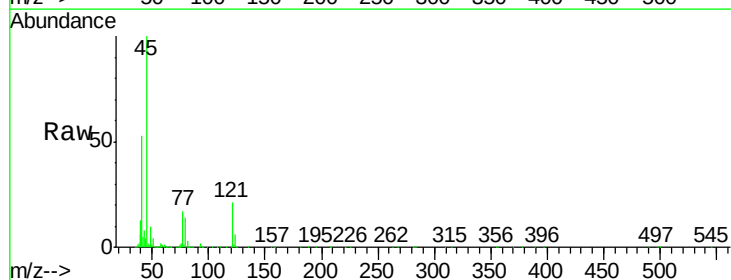
Instrument :
BNA_G
ClientSampled :
PB92093BS

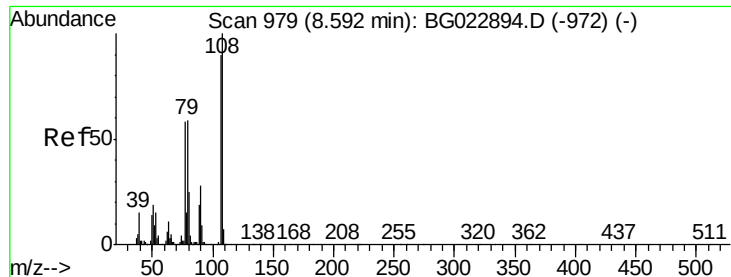
Tot Ion: 79 Resp: 365854
Ion Ratio Lower Upper
79 100
108 59.6 46.5 69.7
77 64.4 52.3 78.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.67 ng
RT: 8.68 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion: 45 Resp: 334003
Ion Ratio Lower Upper
45 100
77 16.7 0.6 40.6
79 13.7 0.0 36.2





#17

2-Methylphenol

Concen: 41.86 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

Tot Ion:107 Resp: 271139

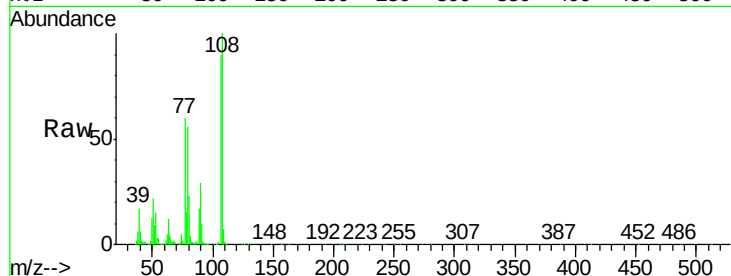
Ion Ratio Lower Upper

107 100

108 110.8 92.0 138.0

77 66.6 55.8 83.6

79 61.8 55.0 82.6

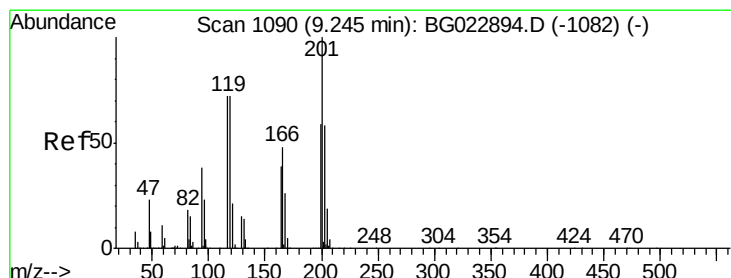
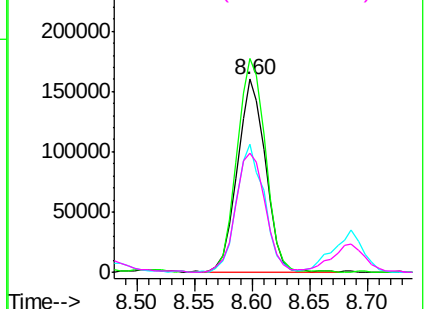
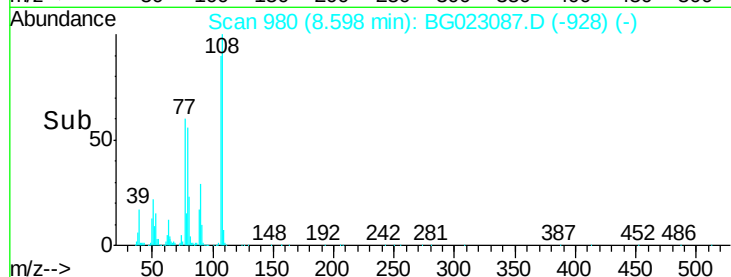


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.86 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

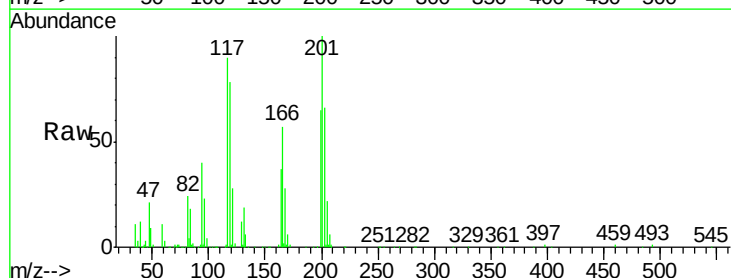
Tgt Ion:117 Resp: 108282

Ion Ratio Lower Upper

117 100

119 87.1 73.7 110.5

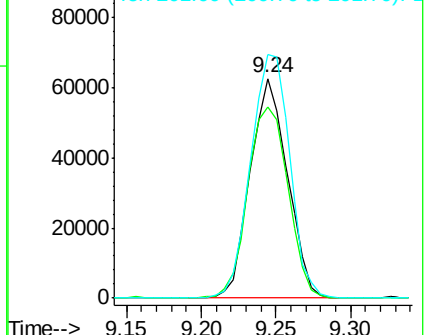
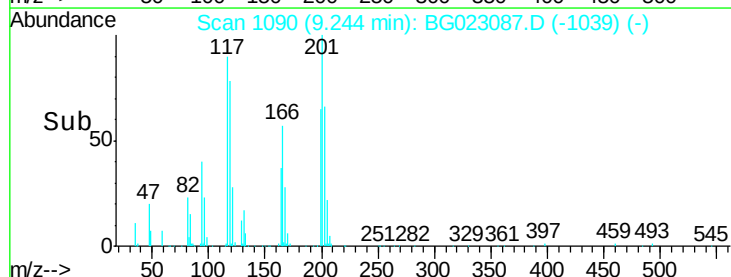
201 111.0 88.7 133.1

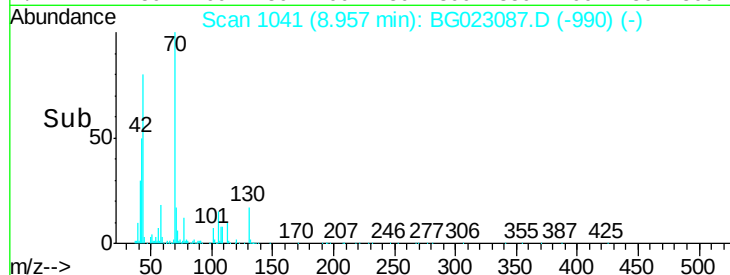
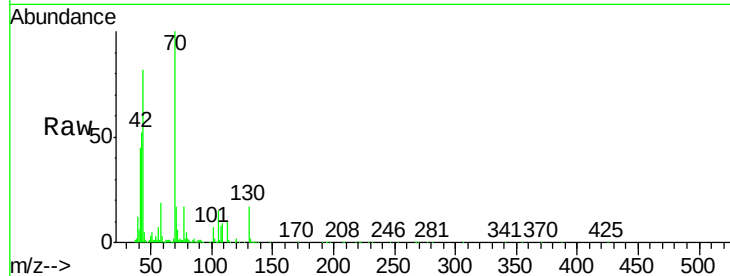
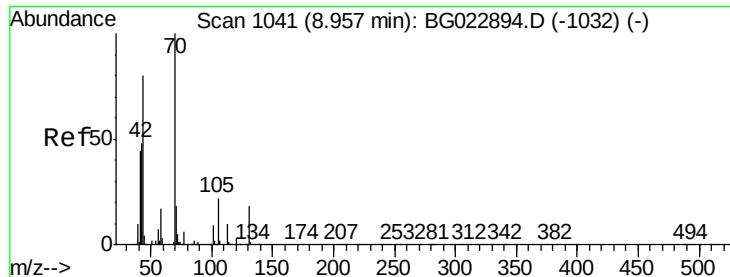


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

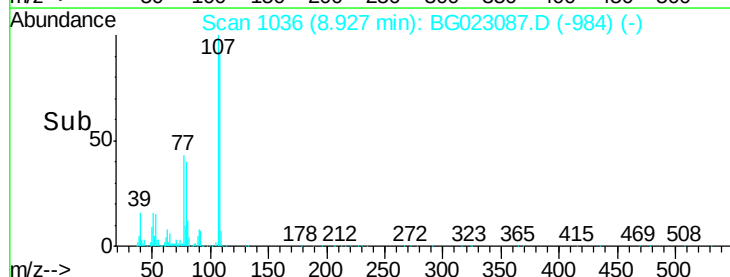
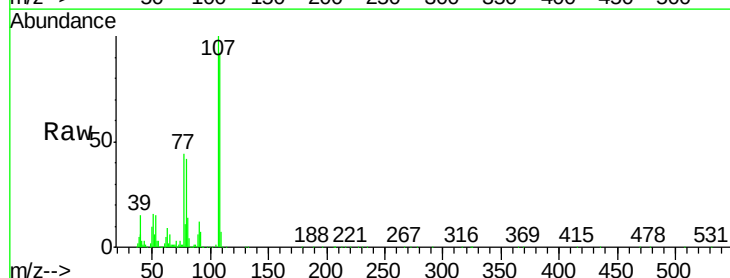
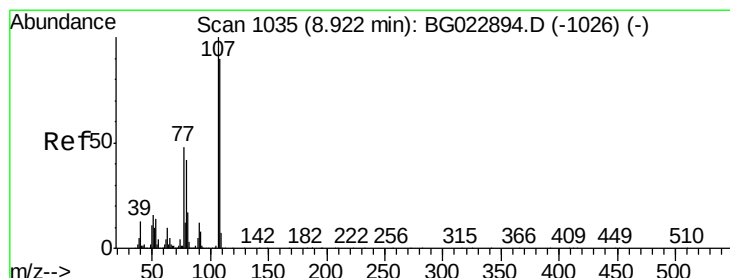
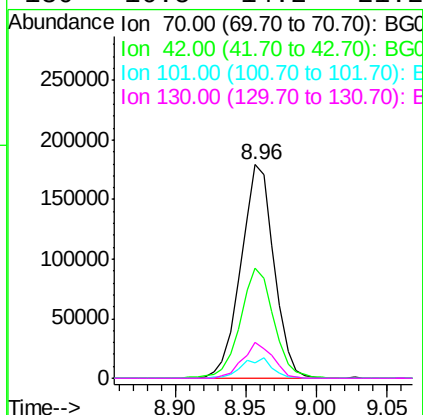




#19
n-Nitroso-di-n-propylamine
Concen: 33.65 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

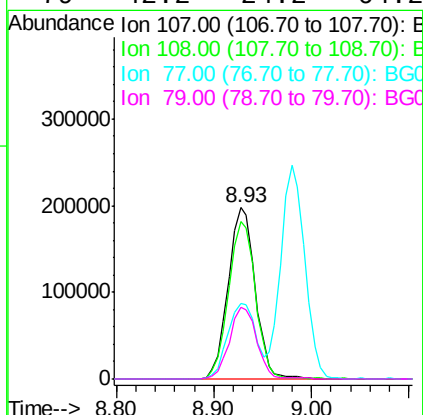
Instrument :
BNA_G
ClientSampleId :
PB92093BS

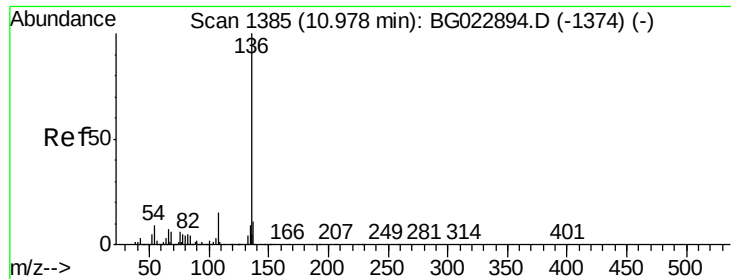
Tot Ion:	70	Resp:	293356
Ion	Ratio	Lower	Upper
70	100		
42	51.7	42.1	63.1
101	6.9	7.2	10.8
130	16.5	14.2	21.2



#20
3+4-Methylphenols
Concen: 41.99 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:	107	Resp:	379264
Ion	Ratio	Lower	Upper
107	100		
108	92.2	72.5	112.5
77	44.2	30.1	70.1
79	42.2	24.2	64.2

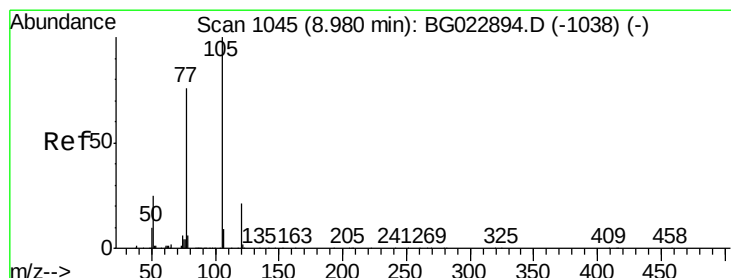
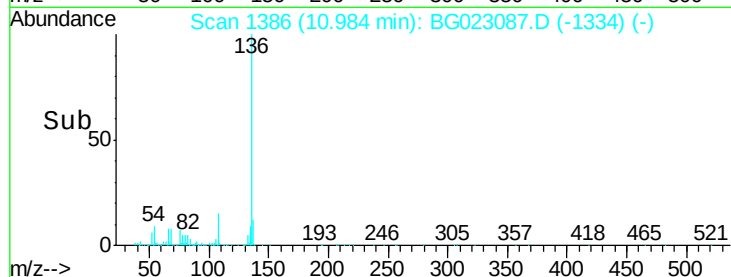
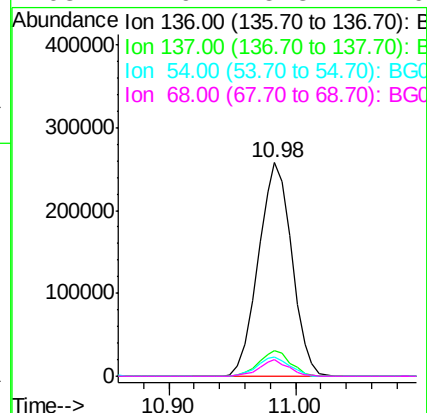
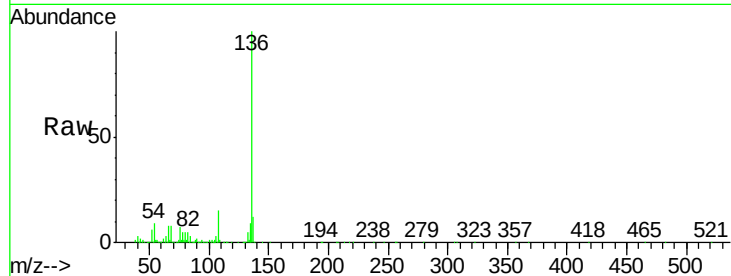




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

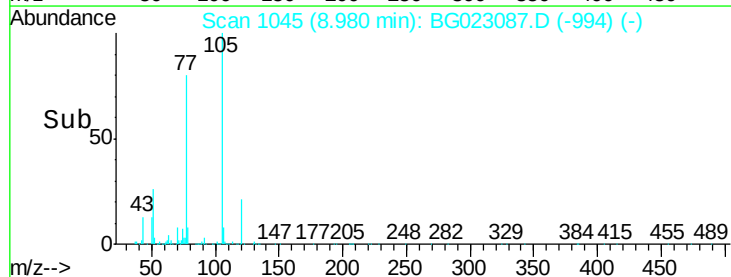
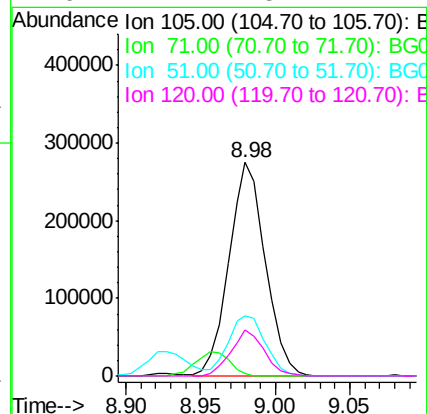
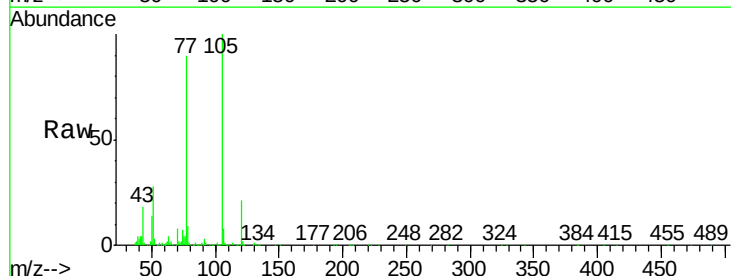
Instrument :
BNA_G
ClientSampleId :
PB92093BS

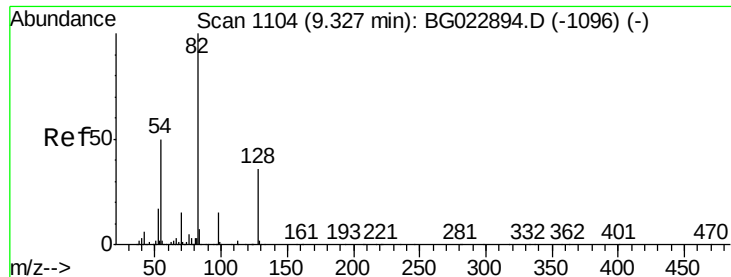
Tot Ion:136	Resp:	471291
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.6 14.4
54	9.3	7.3 10.9
68	7.9	5.3 7.9#



#22
Acetophenone
Concen: 33.10 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:105	Resp:	468176
Ion Ratio	Lower	Upper
105	100	
71	1.5	2.6 3.8#
51	28.4	27.1 40.7
120	21.4	15.1 22.7

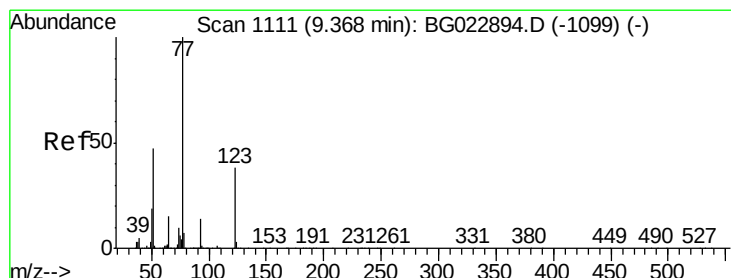
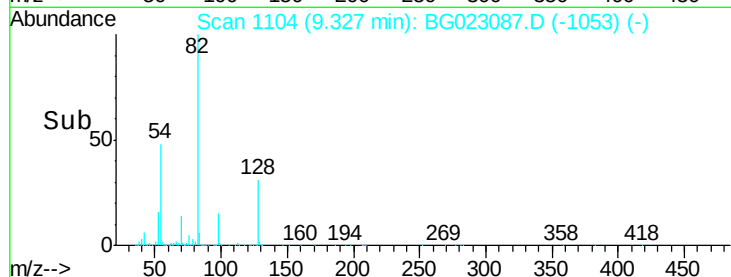
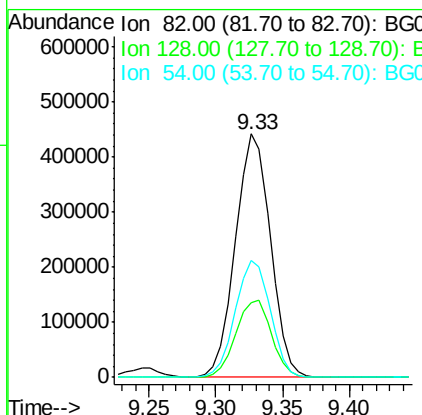
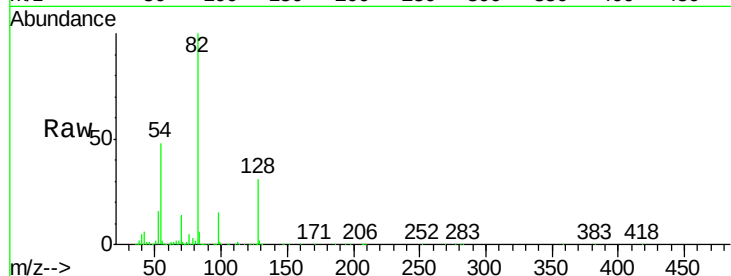




#23
 Nitrobenzene-d5
 Concen: 72.99 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

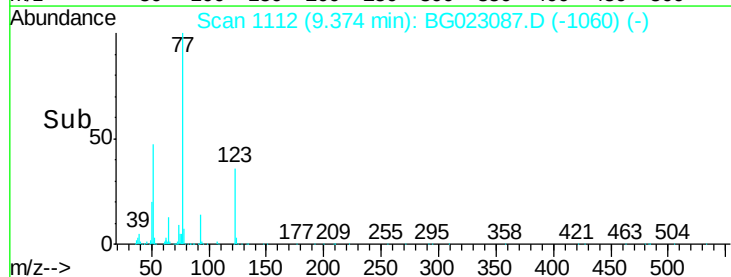
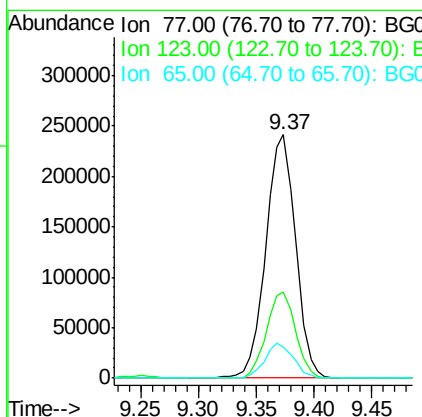
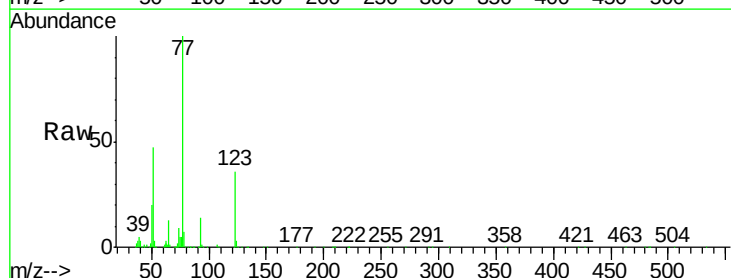
Instrument :
 BNA_G
 ClientSampleID :
 PB92093BS

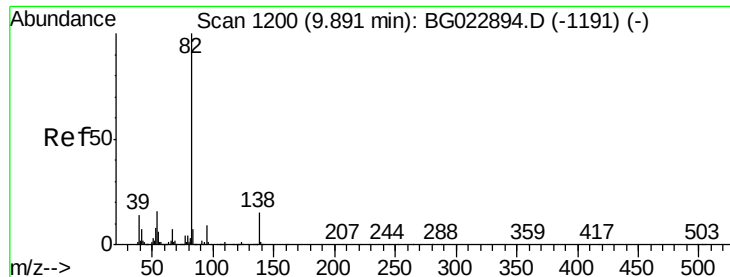
Tot Ion	82	Resp	803376
Ion Ratio	Lower	Upper	
82	100		
128	30.7	24.4	36.6
54	47.9	41.4	62.0



#24
 Nitrobenzene
 Concen: 37.19 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Tgt Ion	77	Resp	434958
Ion Ratio	Lower	Upper	
77	100		
123	35.6	25.0	37.6
65	12.8	13.4	20.0





#25

Isophorone

Concen: 35.41 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

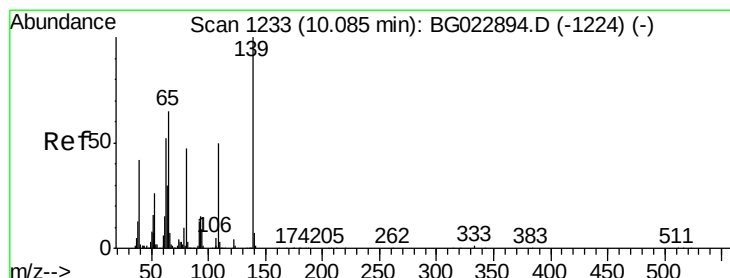
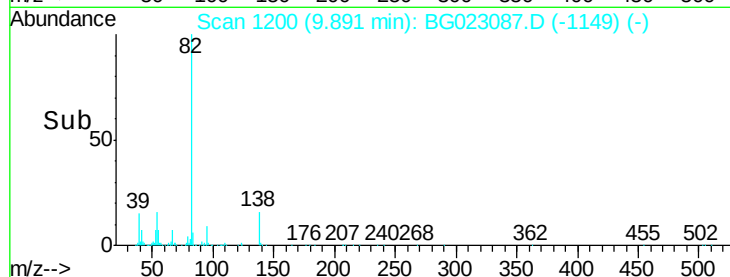
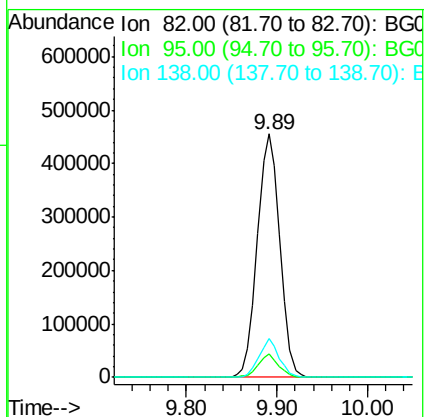
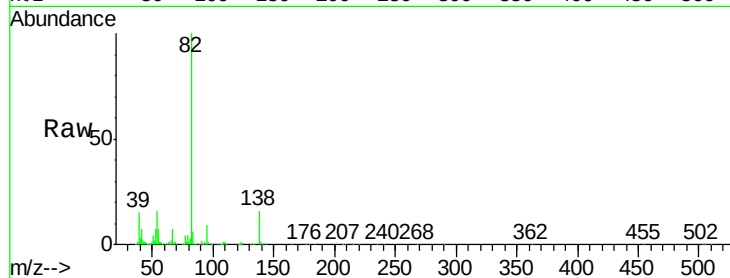
Tot Ion: 82 Resp: 783849

Ion Ratio Lower Upper

82 100

95 9.5 8.2 12.2

138 15.7 10.7 16.1



#26

2-Nitrophenol

Concen: 37.74 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

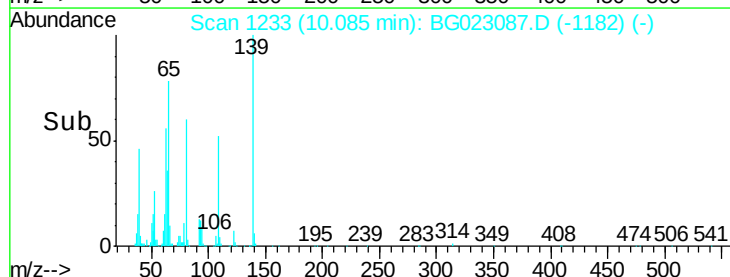
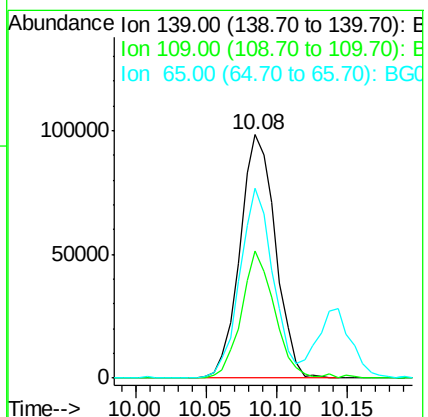
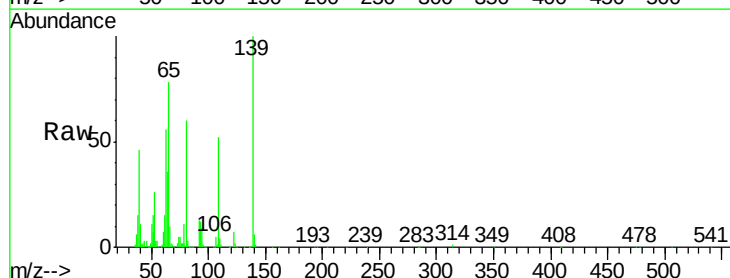
Tgt Ion: 139 Resp: 173175

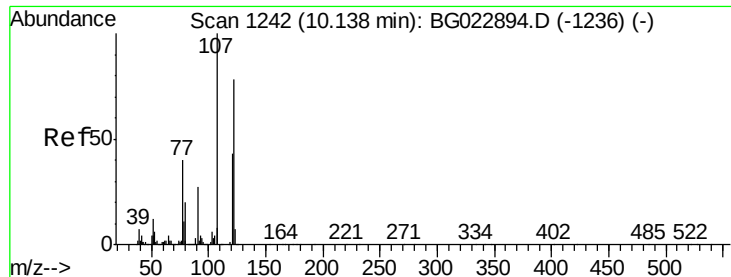
Ion Ratio Lower Upper

139 100

109 52.2 43.5 65.3

65 78.0 64.3 96.5

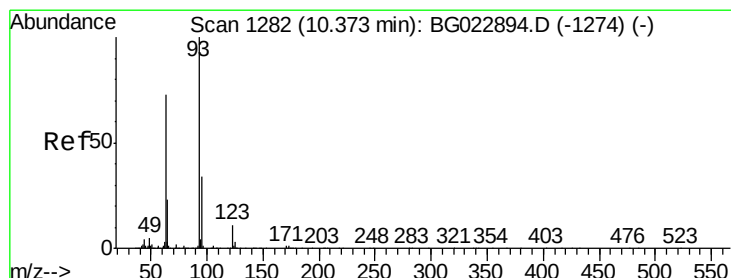
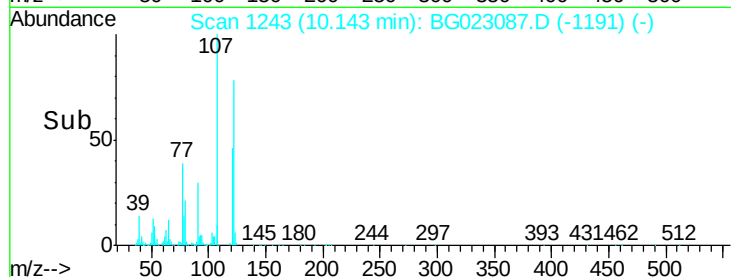
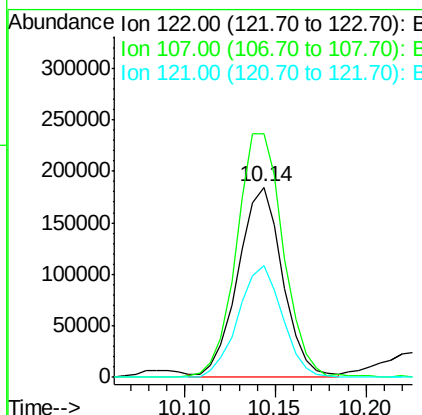
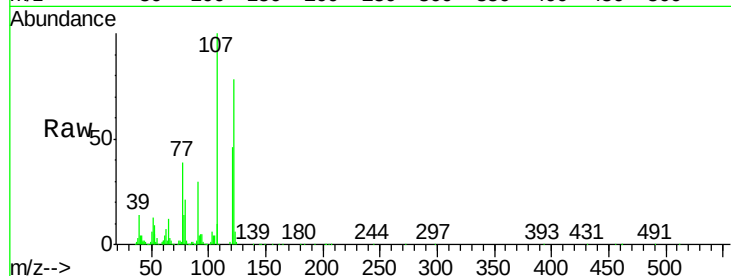




#27
2,4-Dimethylphenol
Concen: 39.68 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

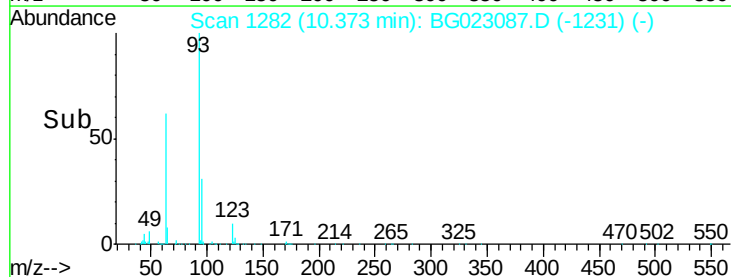
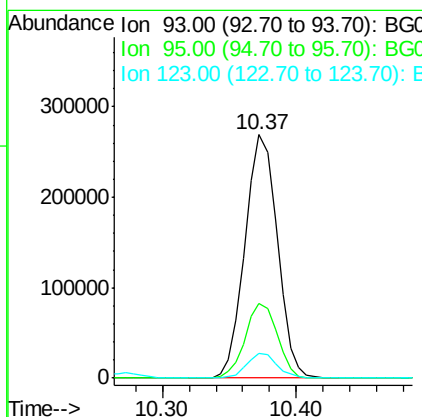
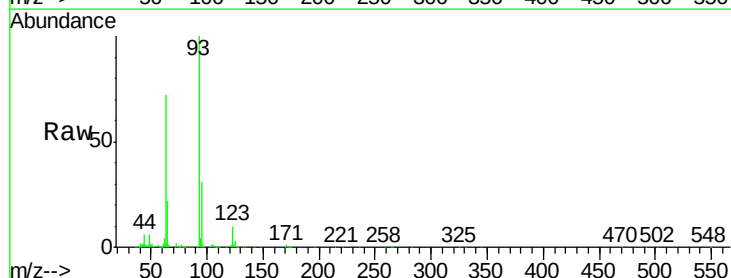
Instrument :
BNA_G
ClientSampleId :
PB92093BS

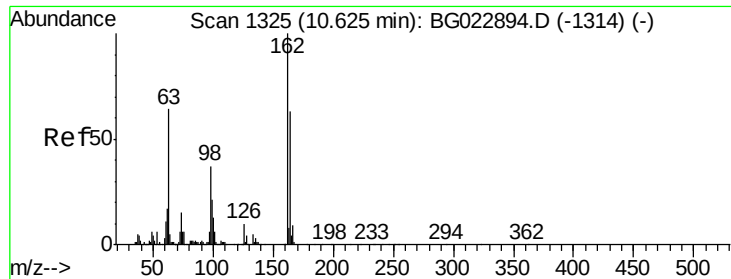
Tot Ion:122 Resp: 314764
Ion Ratio Lower Upper
122 100
107 128.1 117.0 175.4
121 58.6 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 36.50 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion: 93 Resp: 450596
Ion Ratio Lower Upper
93 100
95 30.9 25.4 38.2
123 10.3 8.2 12.2

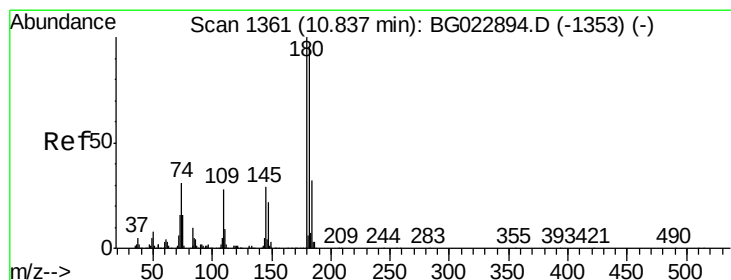
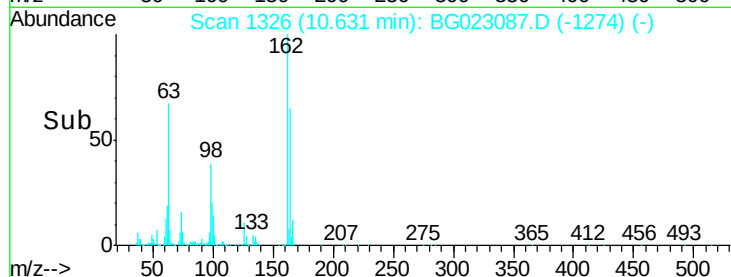
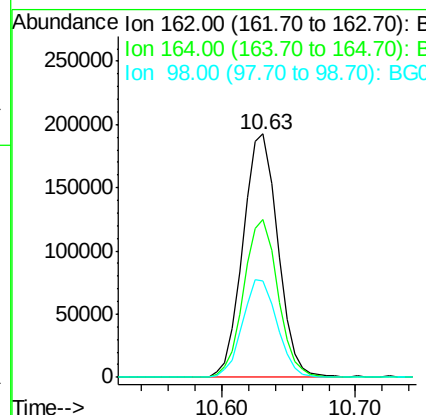
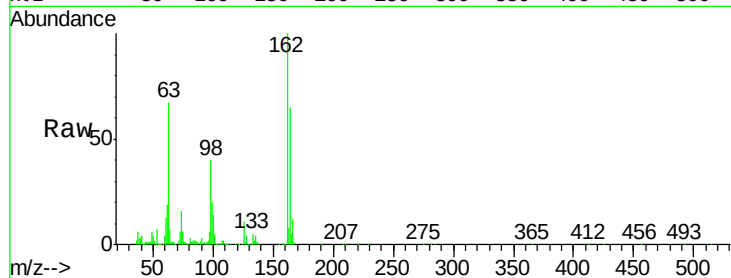




#29
2,4-Dichlorophenol
Concen: 41.15 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

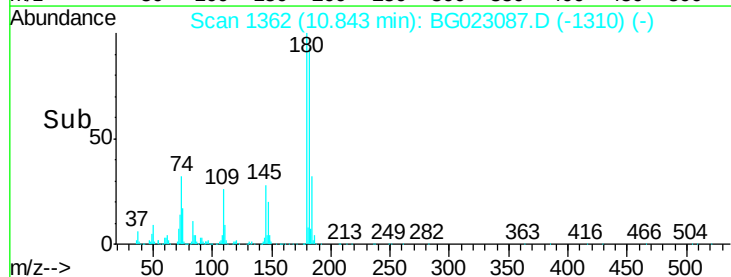
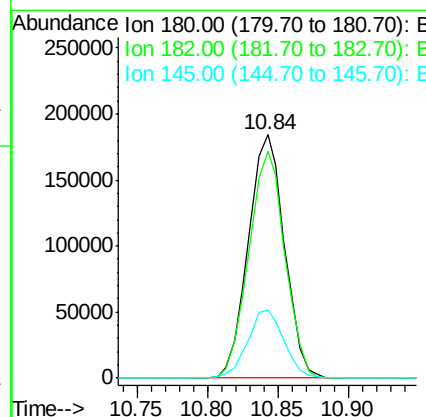
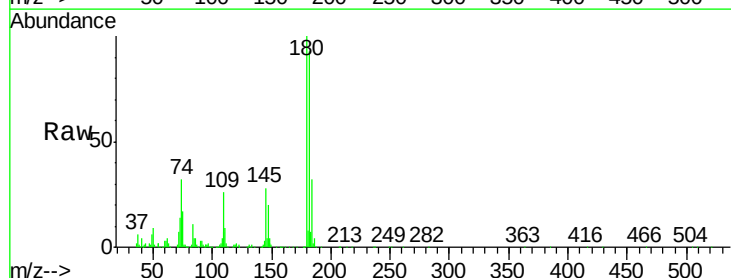
Instrument :
BNA_G
ClientSampleId :
PB92093BS

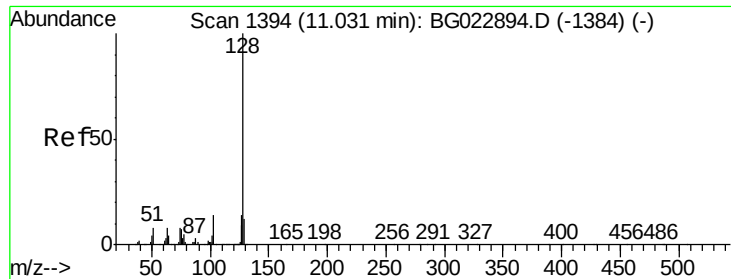
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.3	84.3
98	39.6	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 34.11 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	73.8	110.8
145	27.8	24.4	36.6

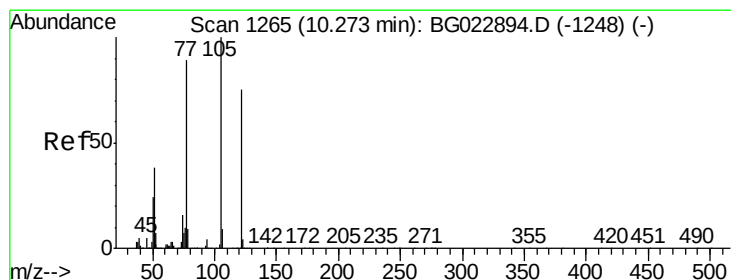
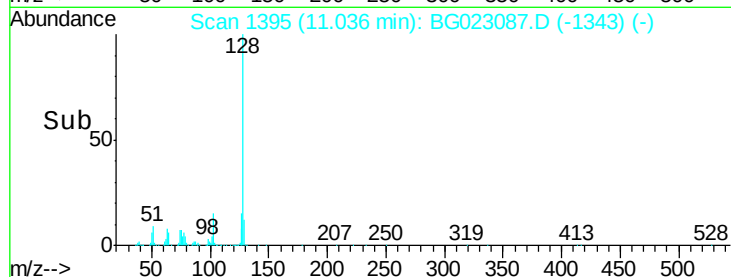
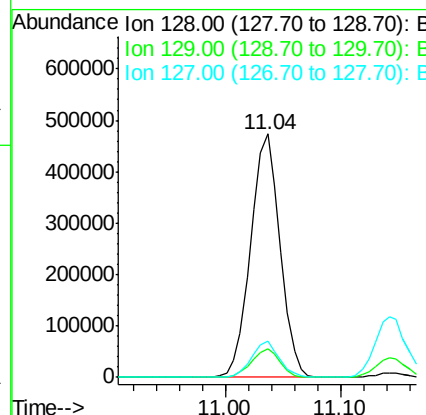
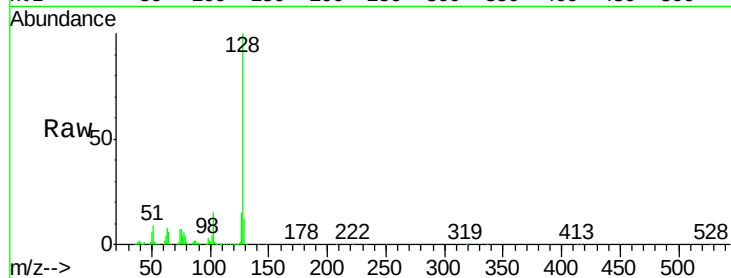




#31
Naphthalene
Concen: 34.95 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

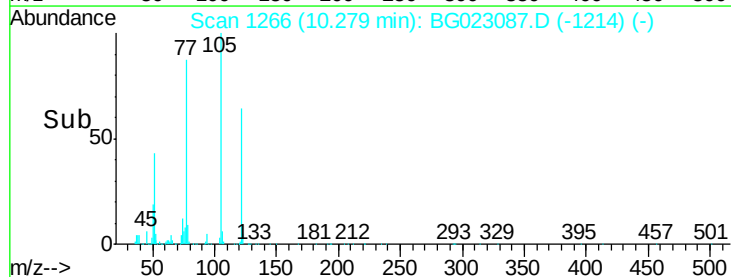
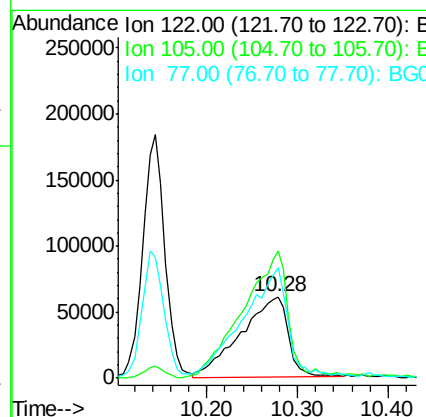
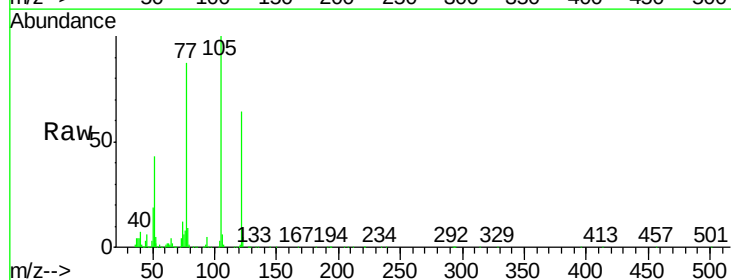
Instrument :
BNA_G
ClientSampleId :
PB92093BS

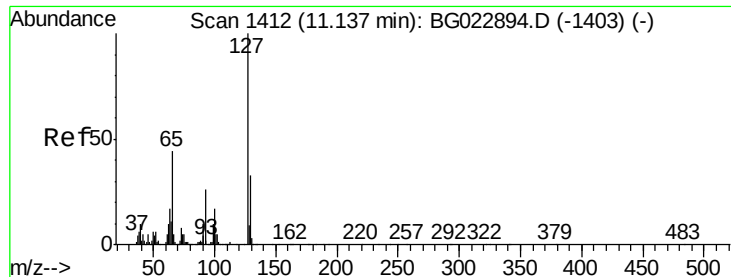
Tot Ion:128 Resp: 838480
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.9 11.3 16.9



#32
Benzoic acid
Concen: 30.55 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:122 Resp: 220457
Ion Ratio Lower Upper
122 100
105 155.4 117.2 157.2
77 135.3 109.2 149.2

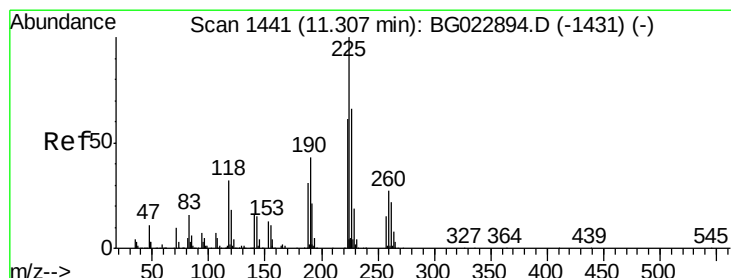
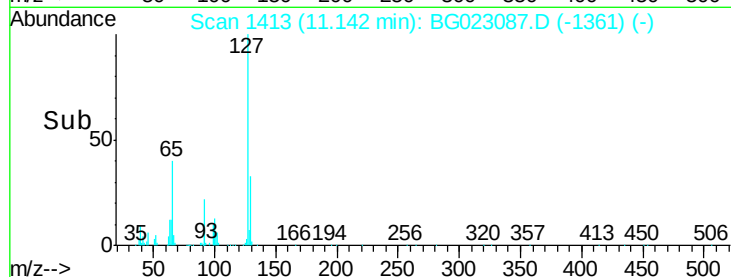
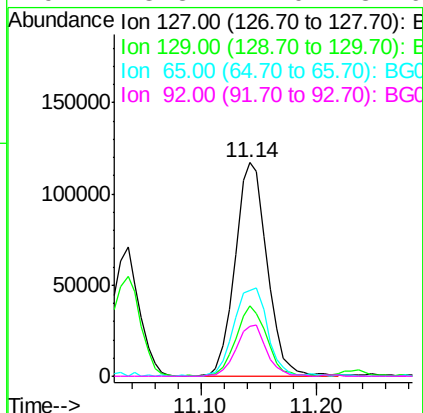
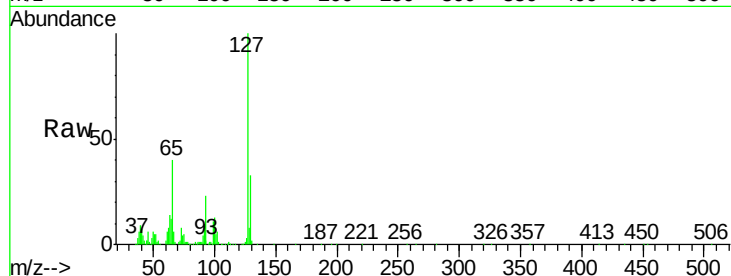




#33
4-Chloroaniline
Concen: 19.21 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

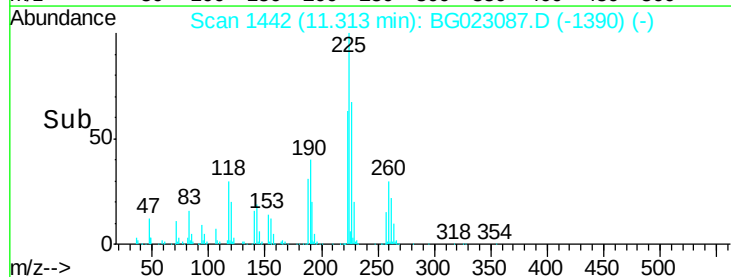
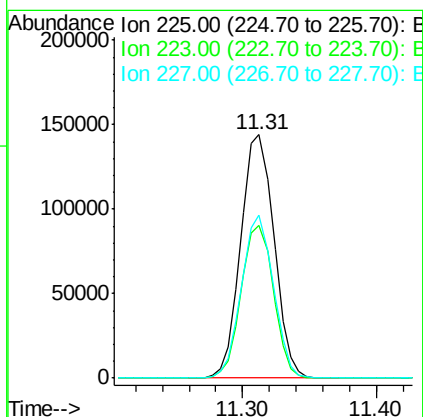
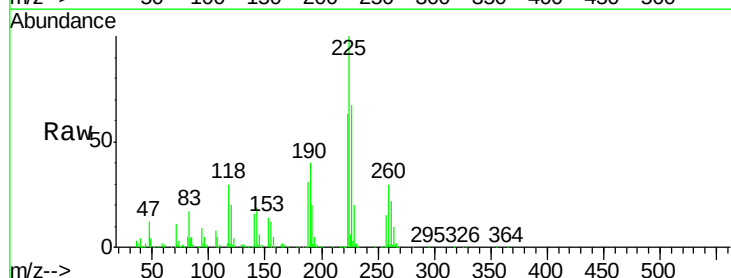
Instrument :
BNA_G
ClientSampleId :
PB92093BS

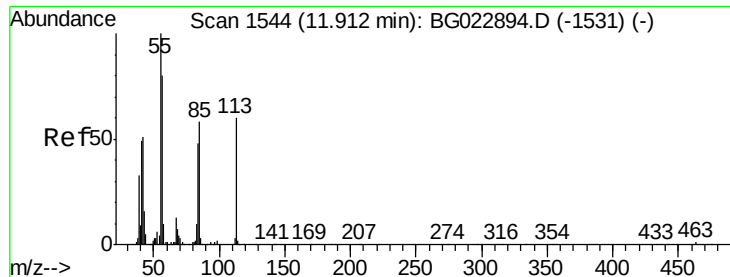
Tot Ion:	127	Resp:	225374
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.9	41.9
65	40.2	36.8	55.2
92	23.3	21.0	31.6



#34
Hexachlorobutadiene
Concen: 31.65 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:	225	Resp:	248787
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.6	74.4
227	67.1	54.5	81.7





#35

Caprolactam

Concen: 34.31 ng/mL

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleID :

PB92093BS

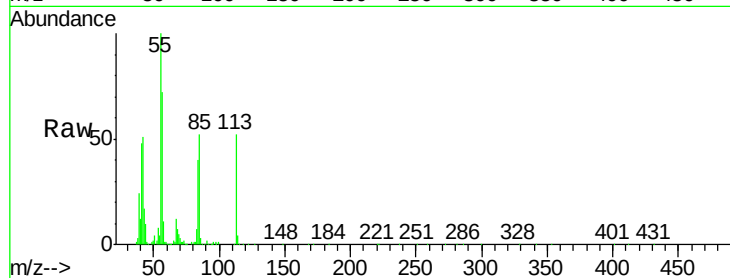
Tot Ion:113 Resp: 119416

Ion Ratio Lower Upper

113 100

55 190.9 154.5 194.5

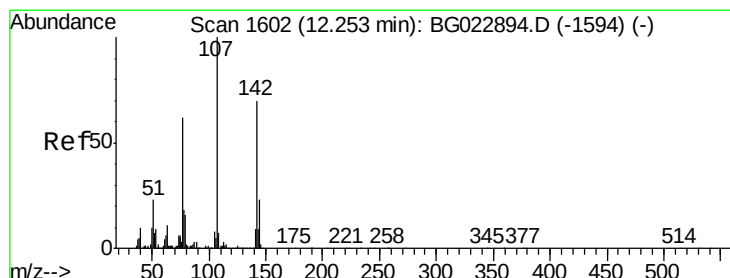
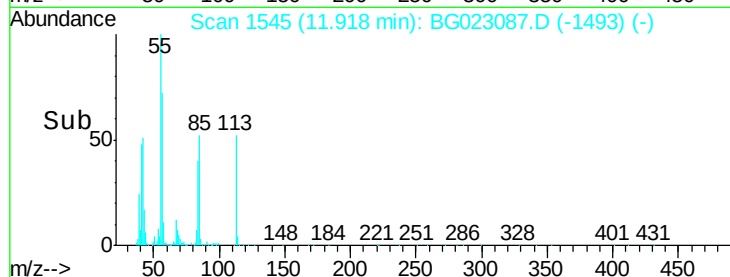
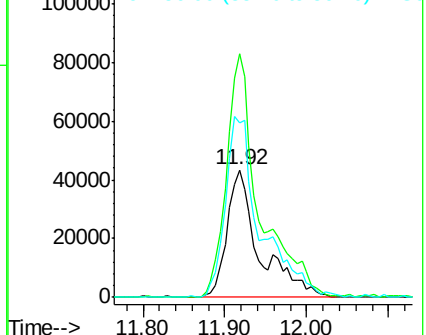
56 137.1 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.05 ng/mL

RT: 12.26 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

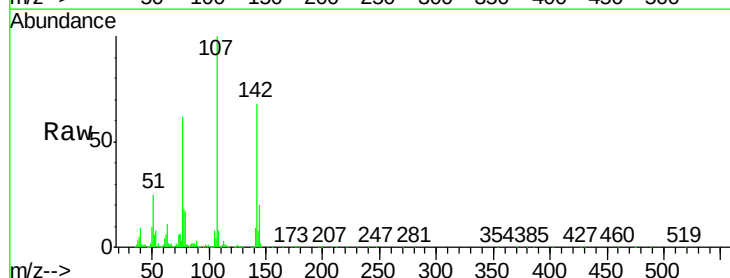
Tgt Ion:107 Resp: 451927

Ion Ratio Lower Upper

107 100

144 20.3 17.0 25.6

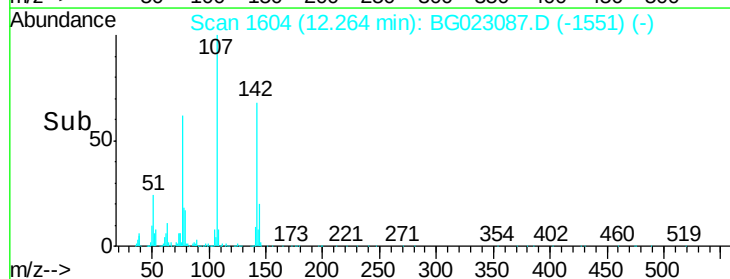
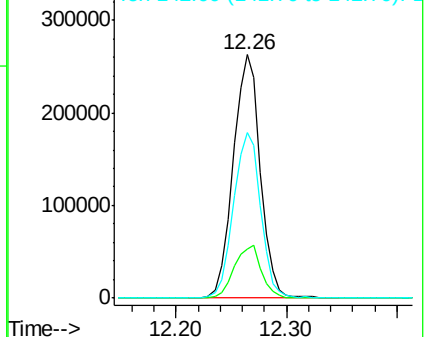
142 68.0 53.0 79.6

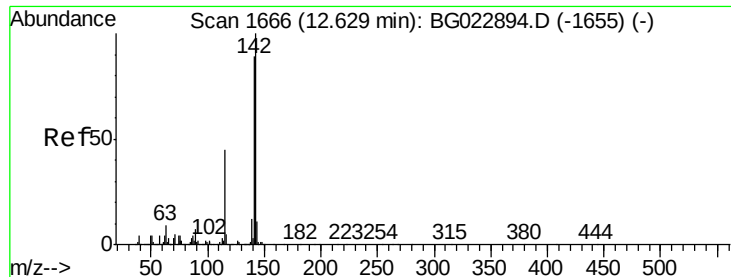


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

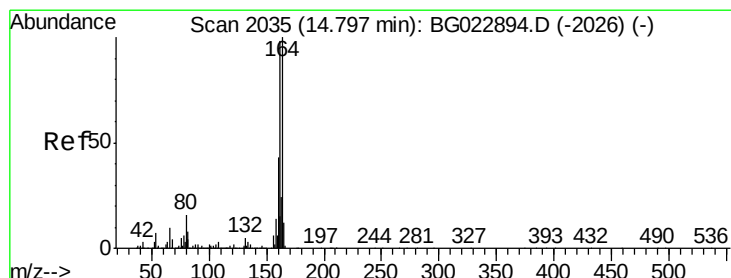
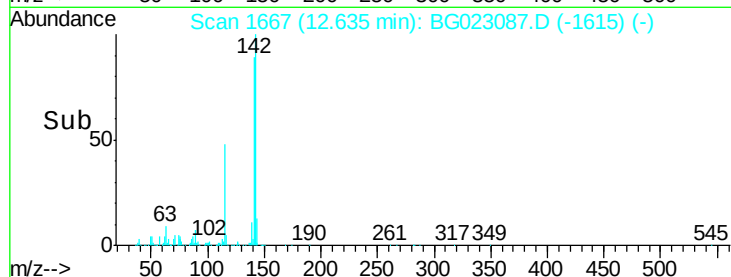
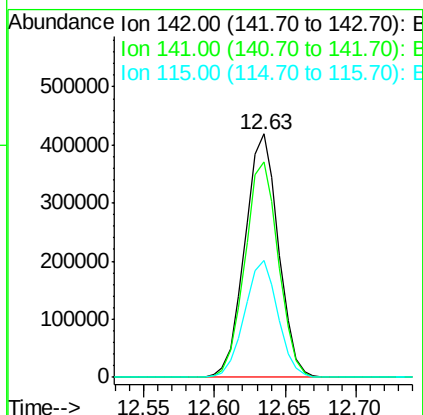
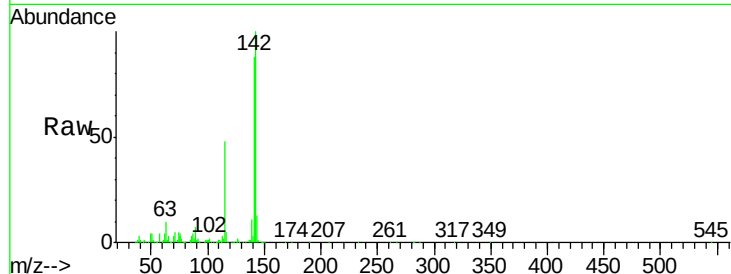




#37
 2-Methylnaphthalene
 Concen: 36.77 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

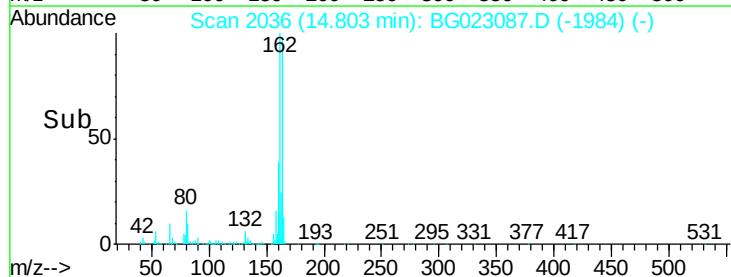
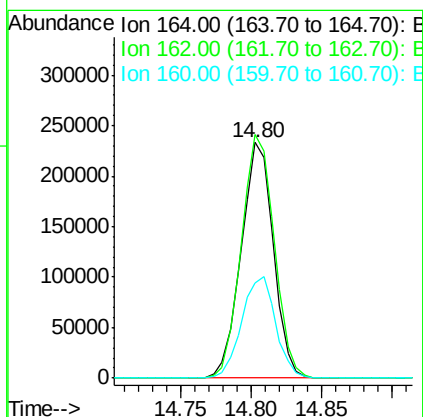
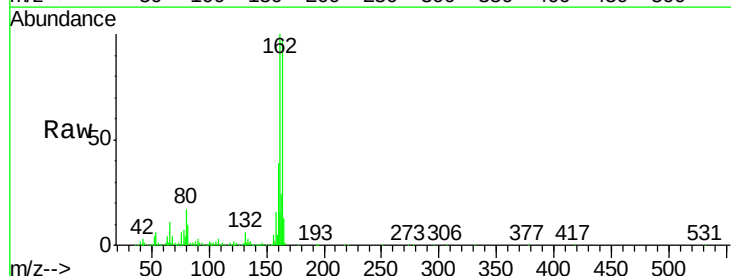
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BS

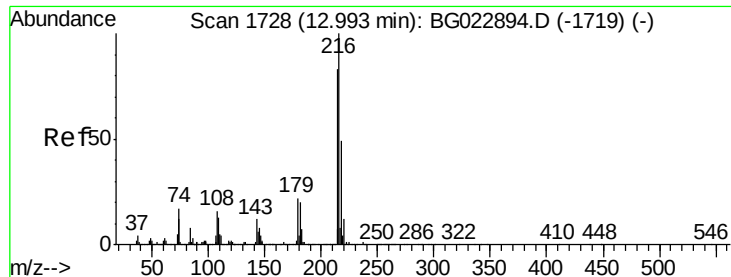
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.2
115	48.0	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	87.7	131.5
160	40.2	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.19 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

Tot Ion:216 Resp: 452031

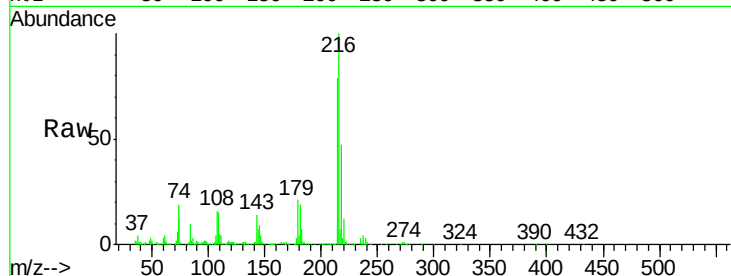
Ion Ratio Lower Upper

216 100

214 79.3 62.9 94.3

179 22.2 17.2 25.8

108 20.6 16.3 24.5

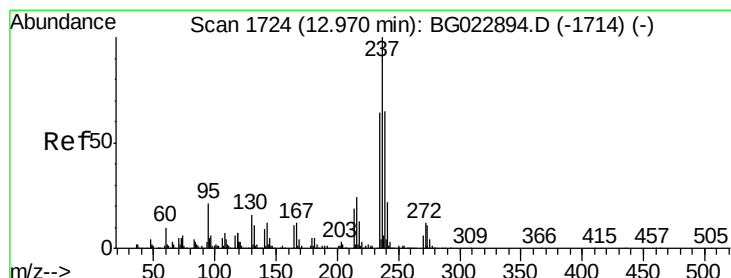
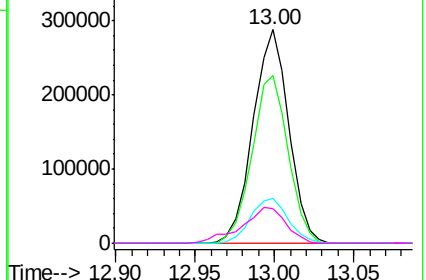
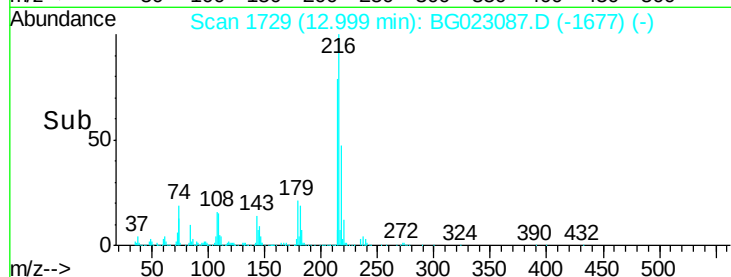


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.32 ng

RT: 12.98 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

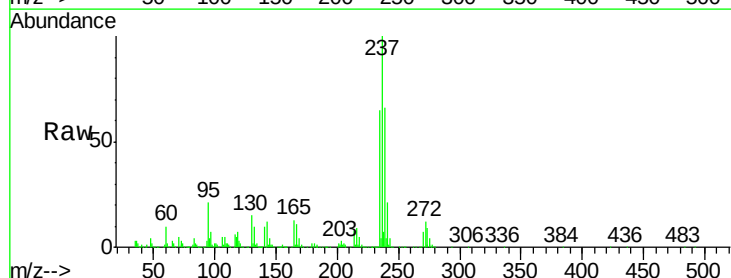
Tgt Ion:237 Resp: 593683

Ion Ratio Lower Upper

237 100

235 64.6 43.1 83.1

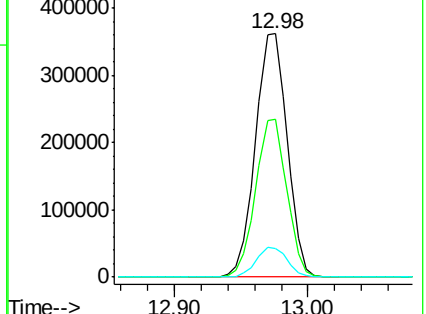
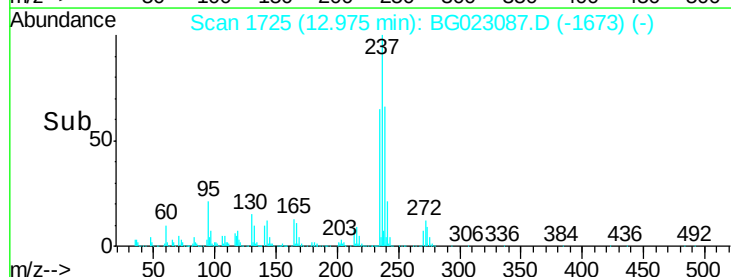
272 12.0 0.0 30.9

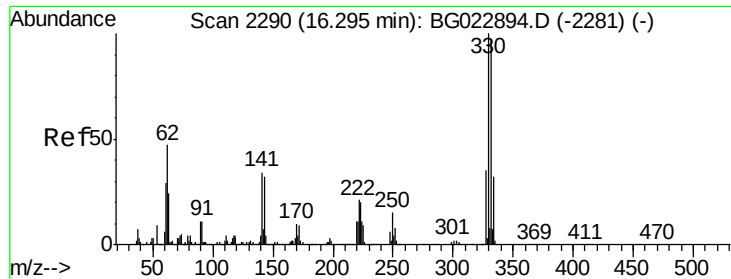


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

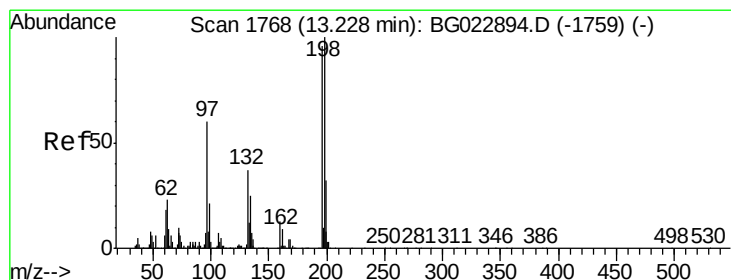
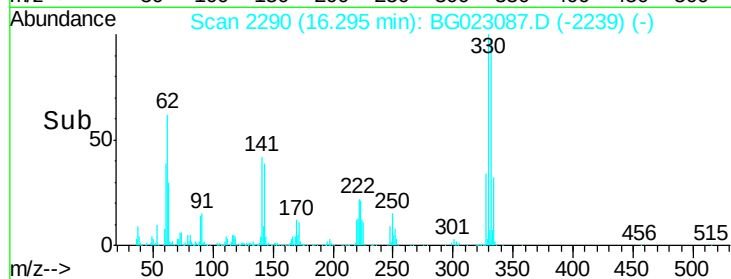
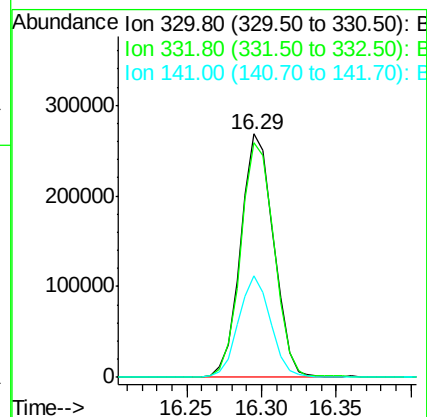
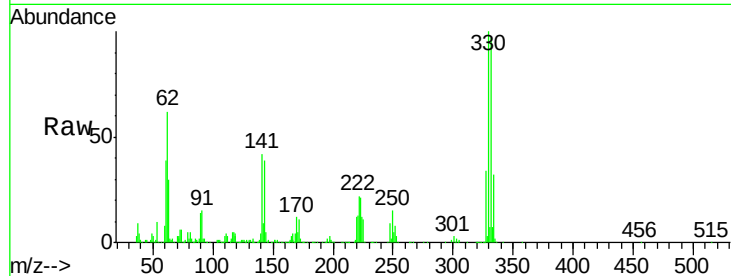




#41
 2,4,6-Tribromophenol
 Concen: 61.68 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

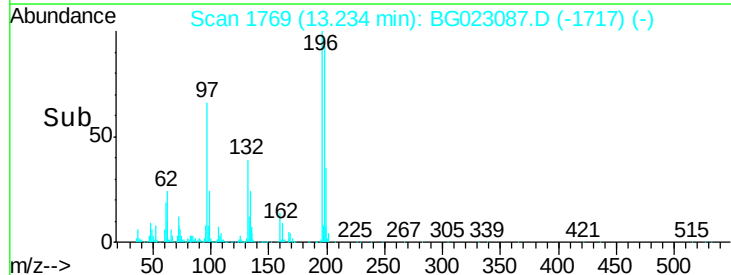
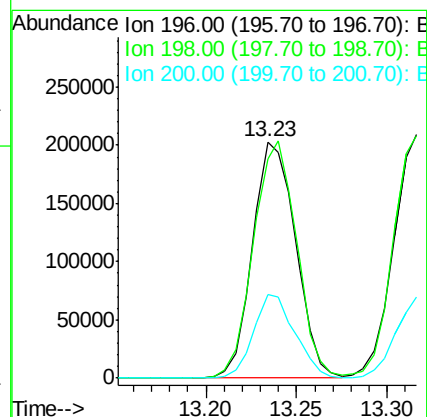
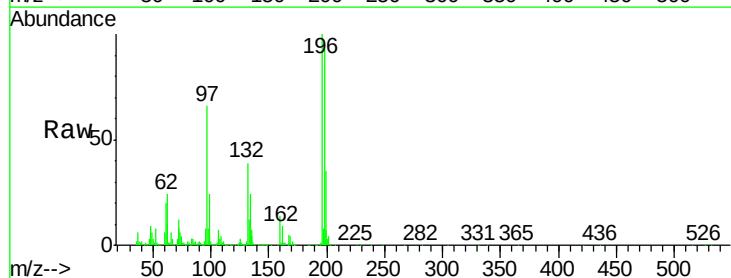
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BS

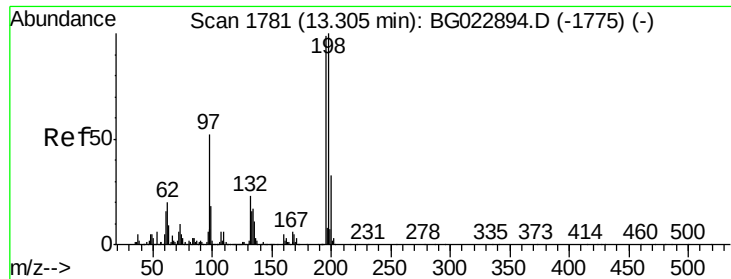
Tot Ion:330 Resp: 412480
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 40.7 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 36.42 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Tgt Ion:196 Resp: 335681
 Ion Ratio Lower Upper
 196 100
 198 92.9 78.2 117.2
 200 35.3 27.0 40.4

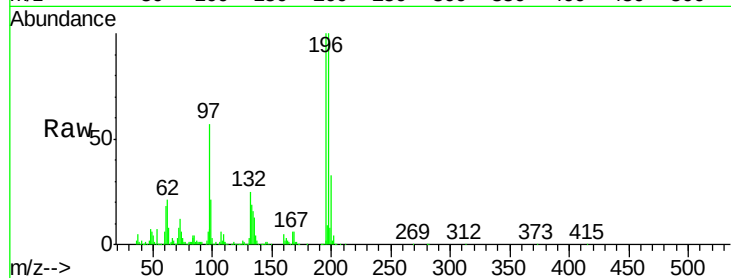




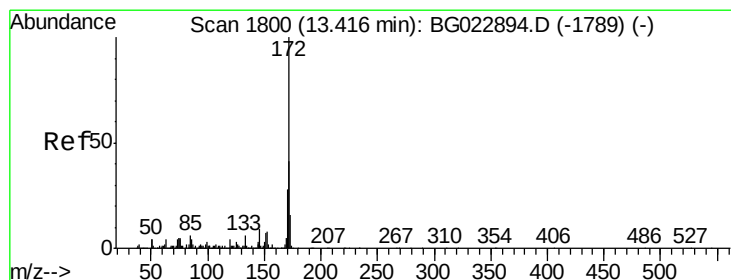
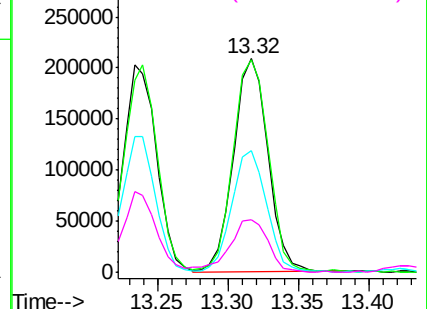
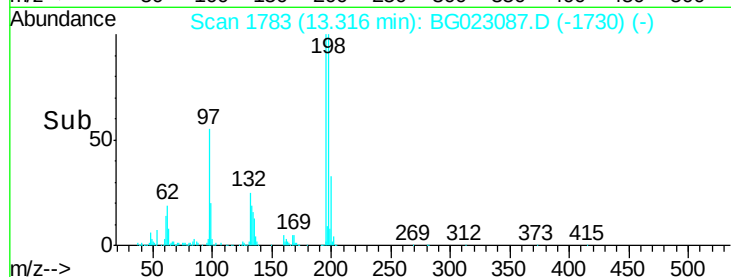
#43
2,4,5-Trichlorophenol
Concen: 37.62 ng
RT: 13.32 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Instrument :
BNA_G
ClientSampleId :
PB92093BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	85.7	128.5
97	56.7	45.5	68.3
132	24.8	18.9	28.3

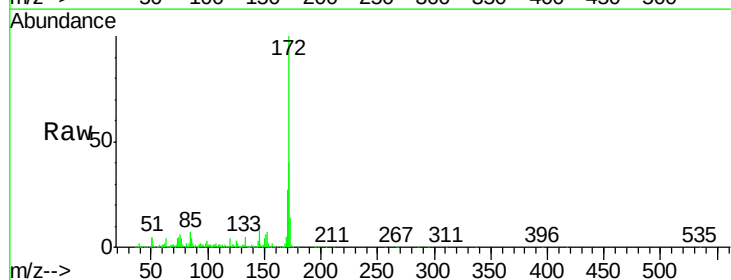


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

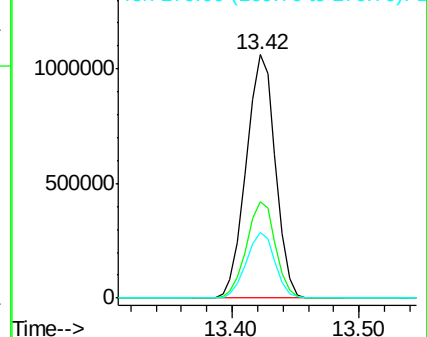
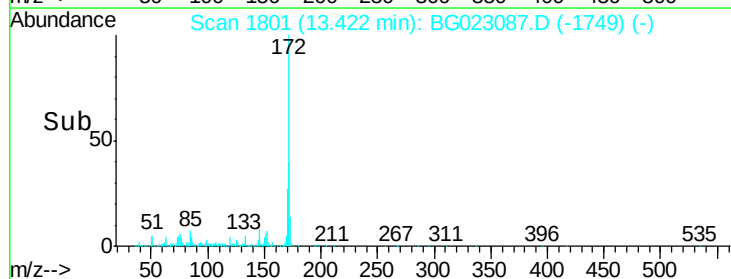


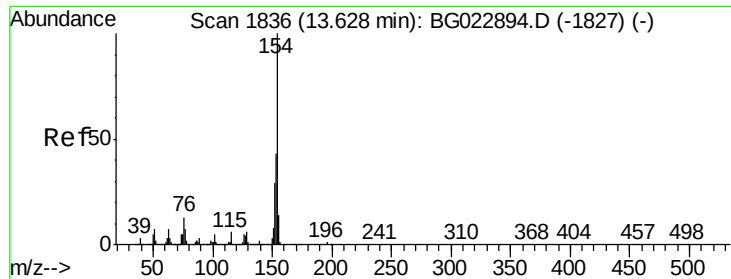
#44
2-Fluorobiphenyl
Concen: 71.85 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.6	47.4
170	26.9	21.3	31.9



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

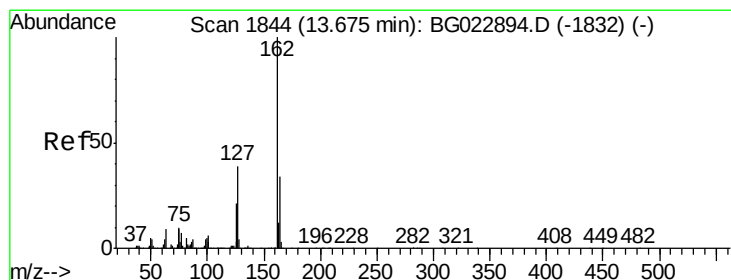
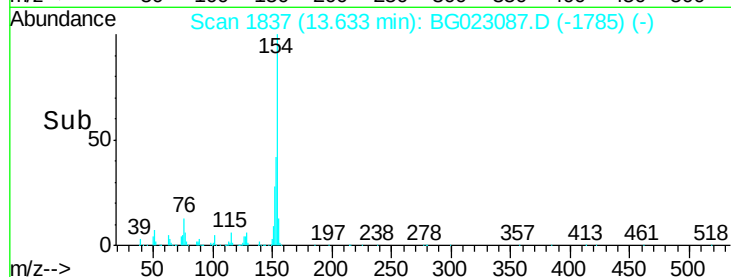
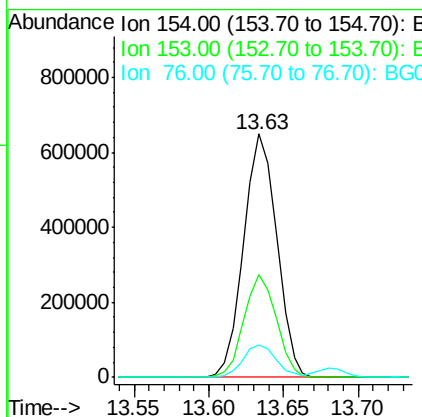
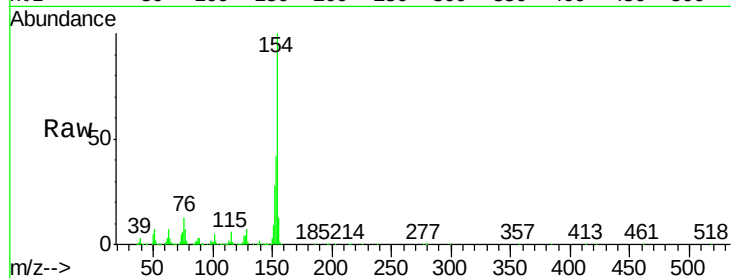




#45
 1,1'-Biphenyl
 Concen: 35.76 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

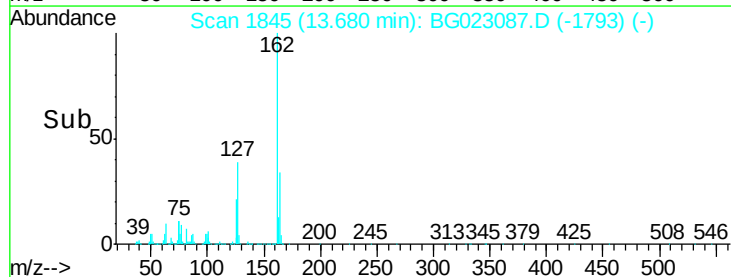
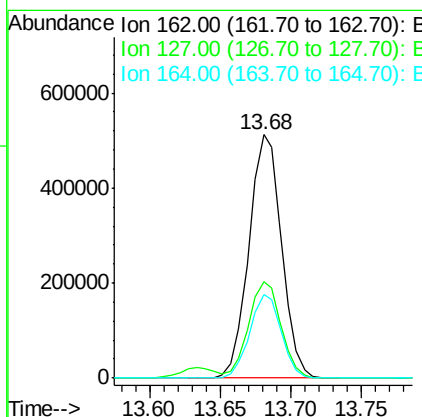
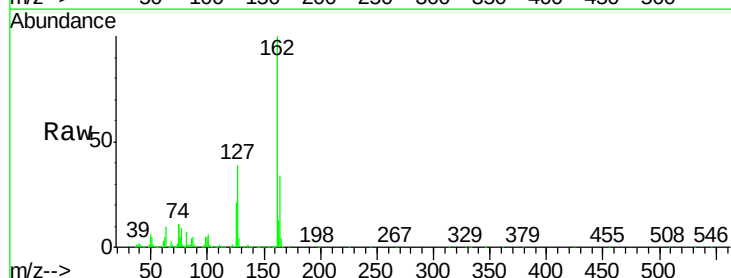
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BS

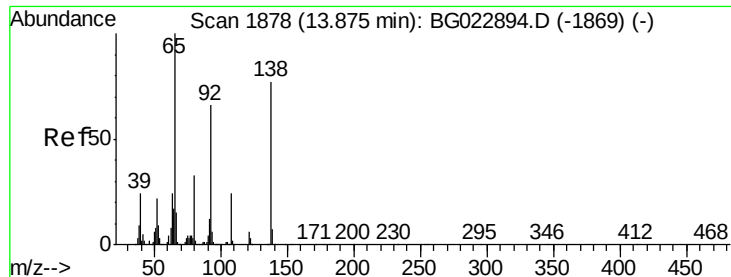
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.2	60.2
76	13.4	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 36.67 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.4	48.6
164	34.4	25.2	37.8

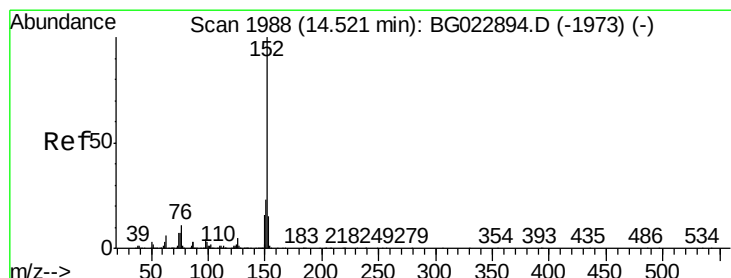
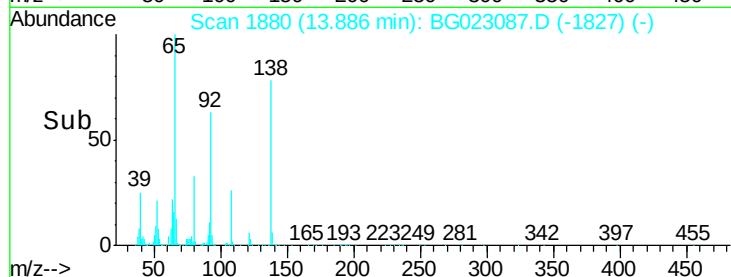
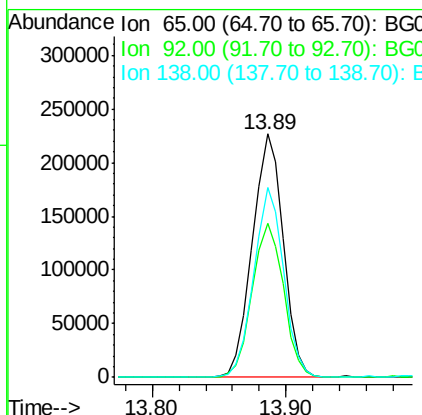
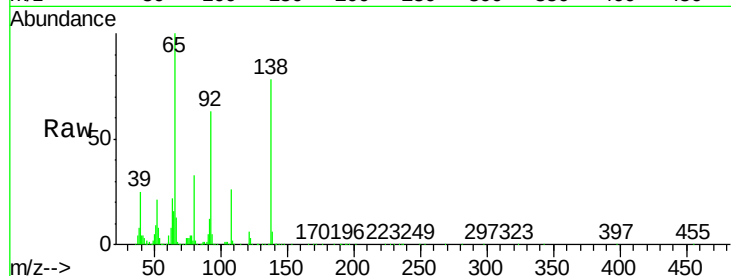




#47
2-Nitroaniline
Concen: 37.51 ng
RT: 13.89 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

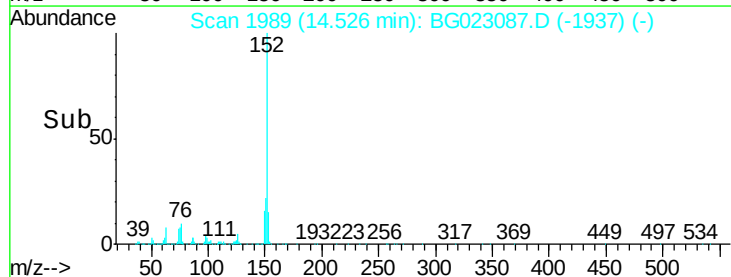
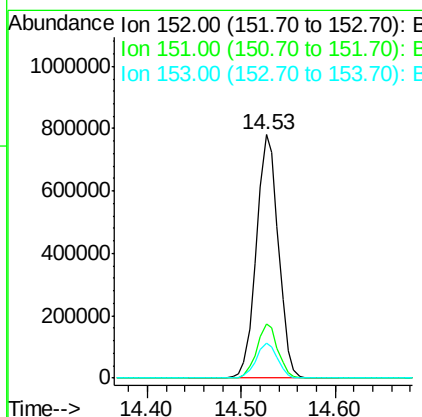
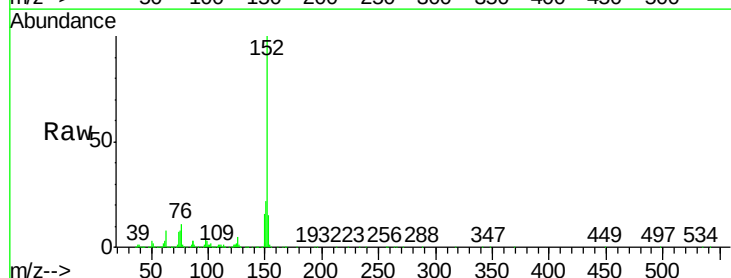
Instrument :
BNA_G
ClientSampleId :
PB92093BS

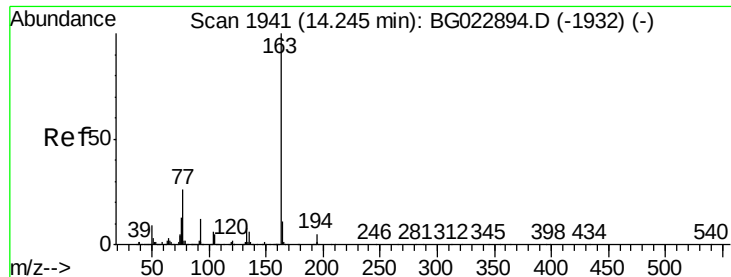
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	49.4	74.0
138	78.2	58.0	87.0



#48
Acenaphthylene
Concen: 37.06 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.6	26.4
153	14.6	11.4	17.2

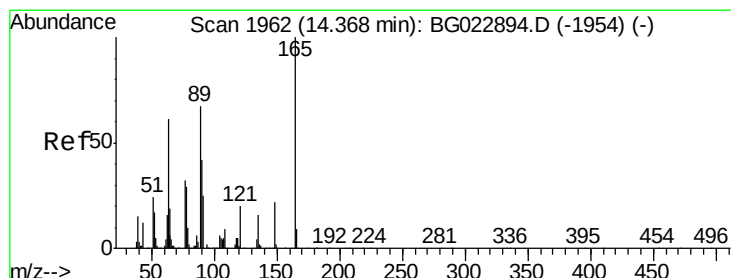
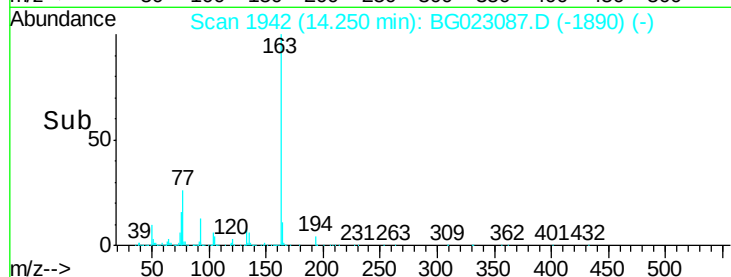
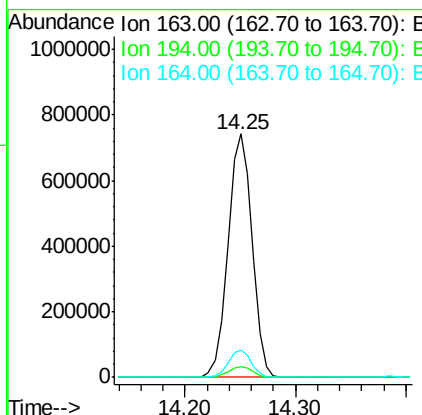
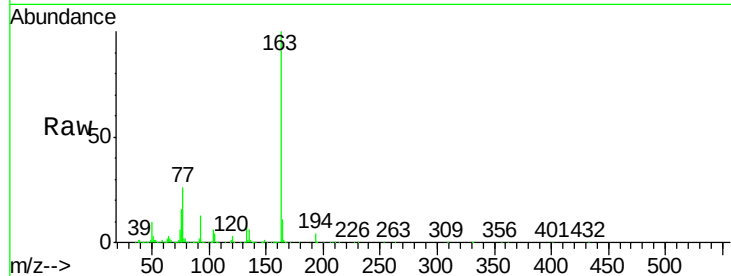




#49
Dimethylphthalate
Concen: 37.13 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

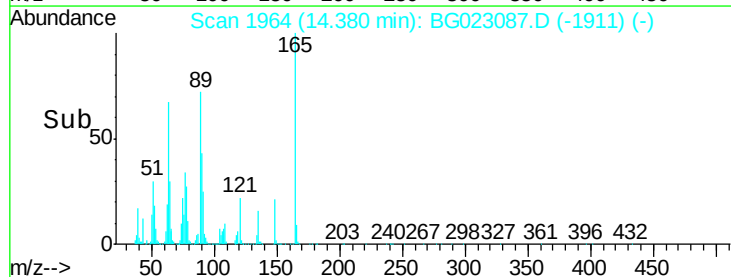
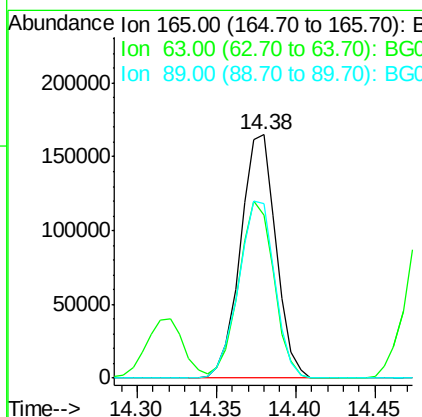
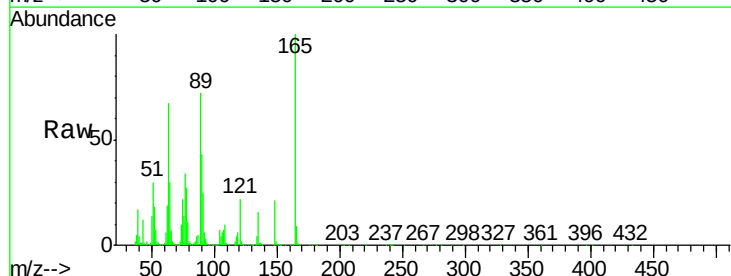
Instrument :
BNA_G
ClientSampleId :
PB92093BS

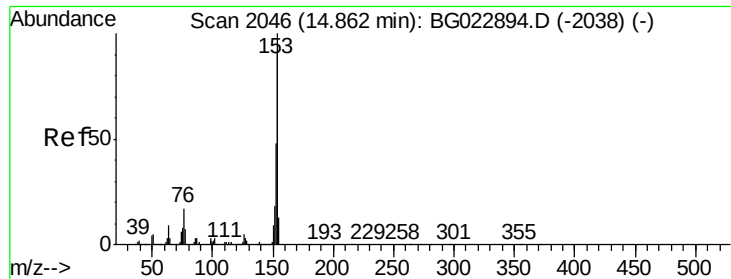
Tot Ion:163 Resp: 1128544
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 11.0 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 37.51 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:165 Resp: 256200
Ion Ratio Lower Upper
165 100
63 67.0 64.3 96.5
89 71.6 64.3 96.5





#51

Acenaphthene

Concen: 36.78 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

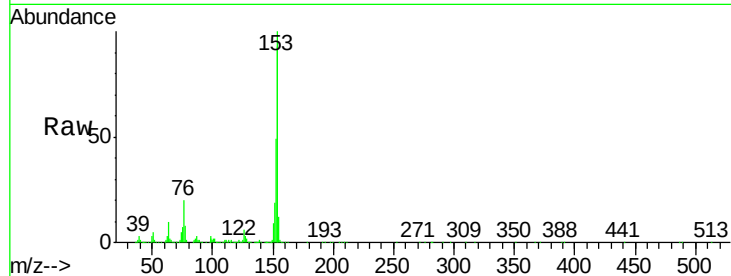
Tot Ion:154 Resp: 816379

Ion Ratio Lower Upper

154 100

153 108.1 87.5 131.3

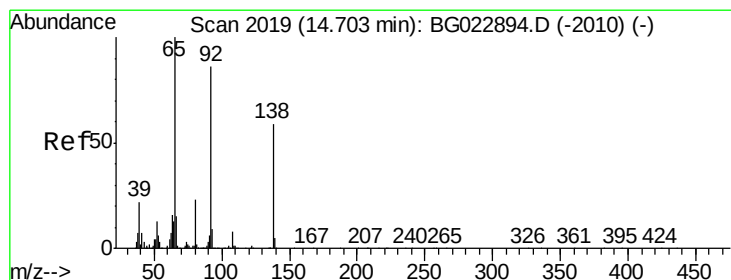
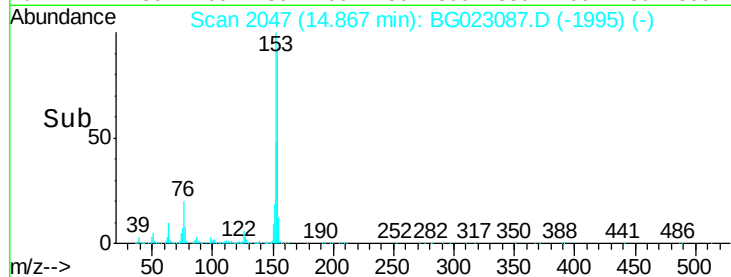
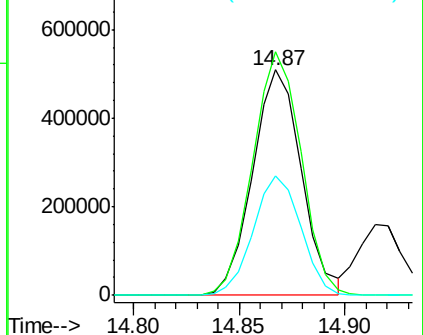
152 53.2 42.7 64.1



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: 25.11 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

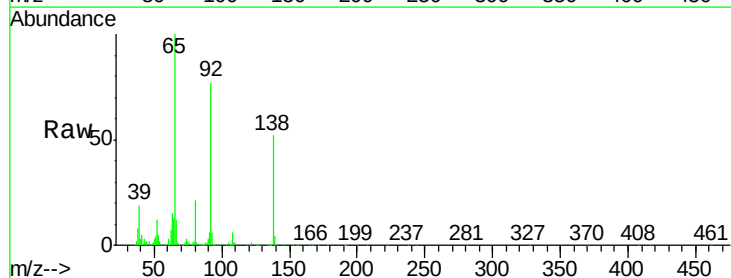
Tgt Ion:138 Resp: 171057

Ion Ratio Lower Upper

138 100

108 12.0 11.7 17.5

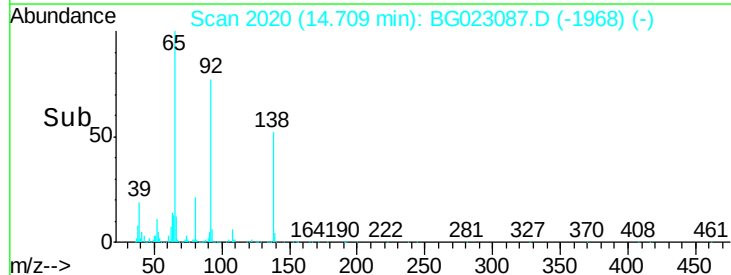
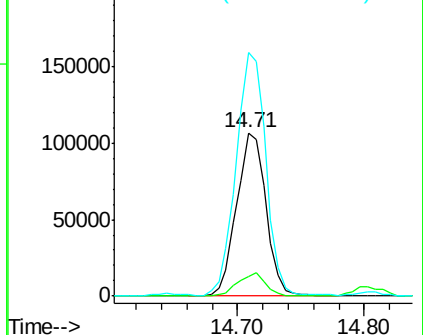
92 149.1 129.7 194.5

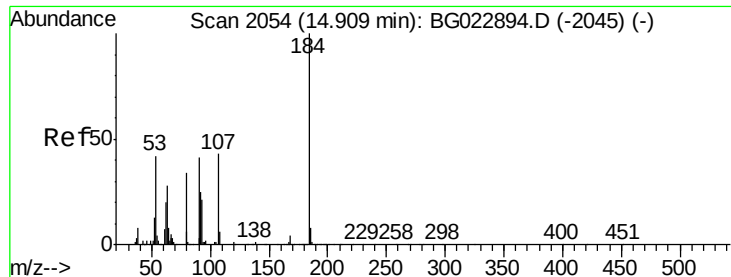


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 68.22 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

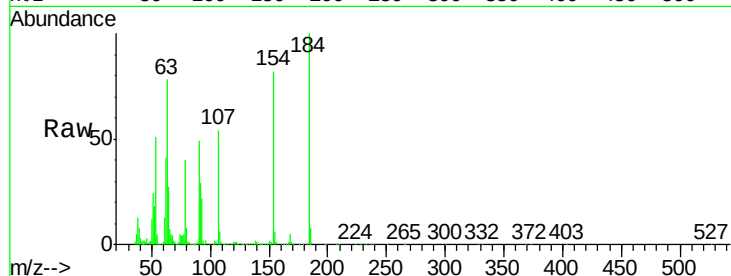
Tot Ion:184 Resp: 319749

Ion Ratio Lower Upper

184 100

63 78.1 59.6 89.4

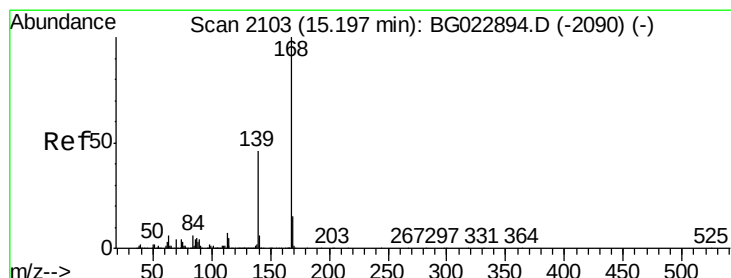
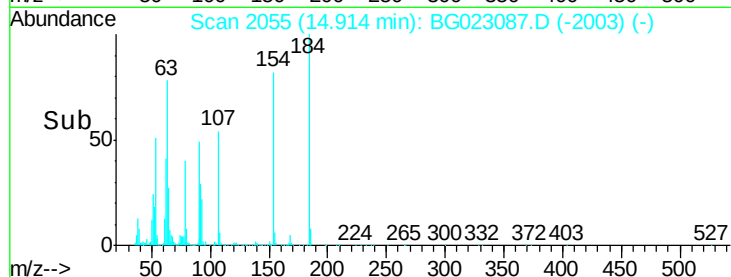
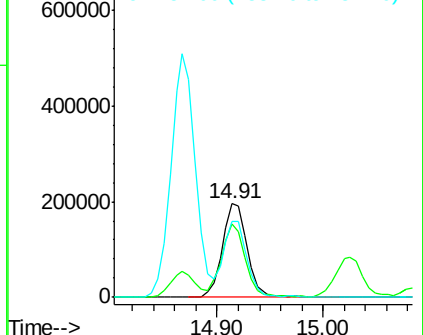
154 82.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.99 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

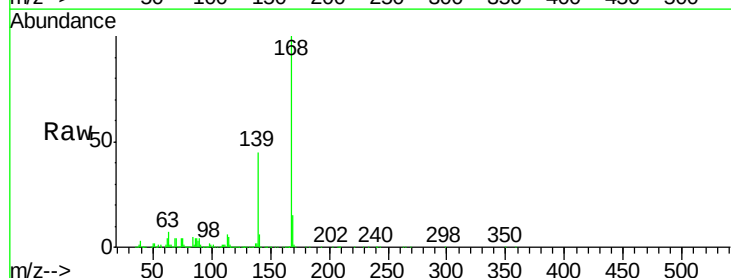
Tgt Ion:168 Resp: 1328941

Ion Ratio Lower Upper

168 100

139 44.9 36.4 54.6

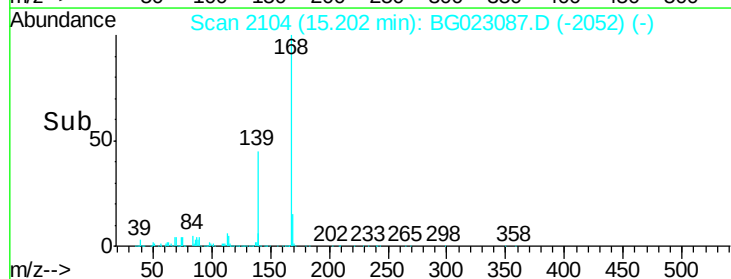
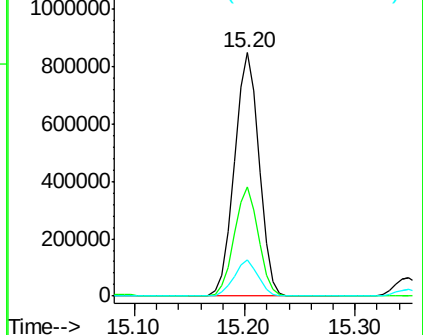
169 14.9 11.9 17.9

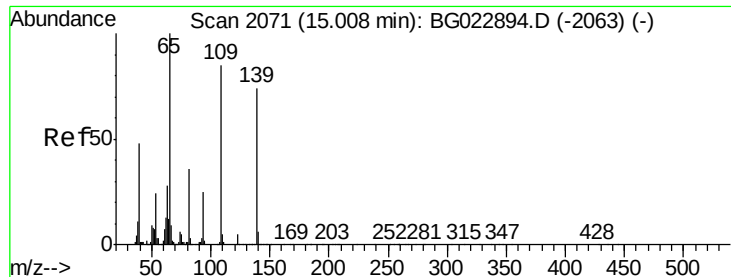


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

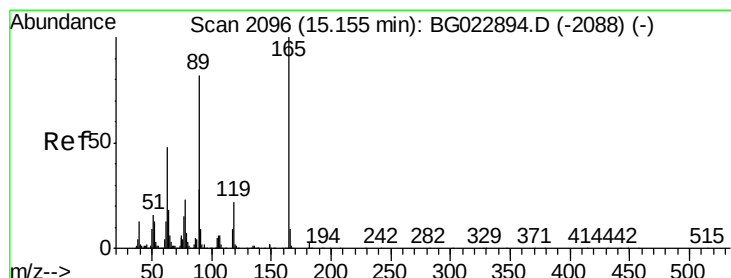
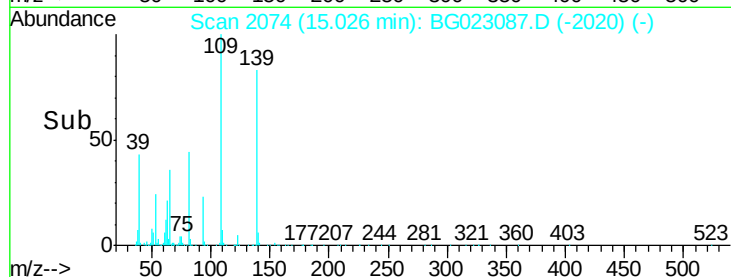
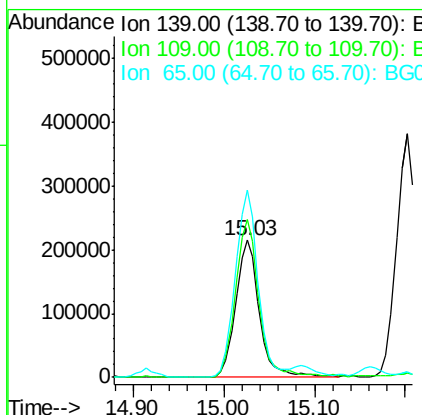
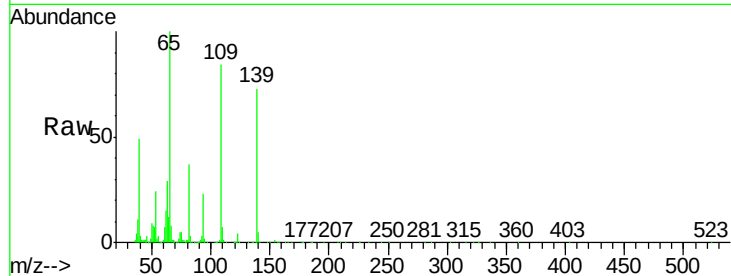




#55
4-Nitrophenol
Concen: 68.64 ng
RT: 15.03 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

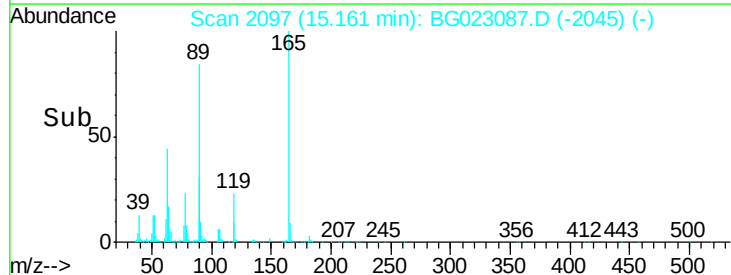
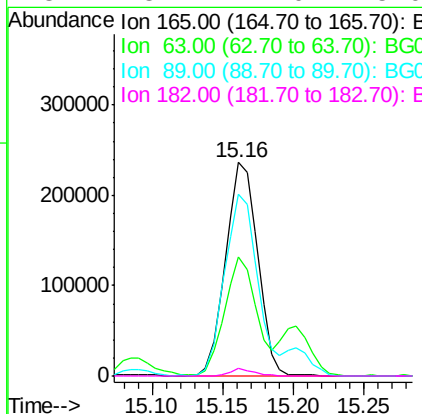
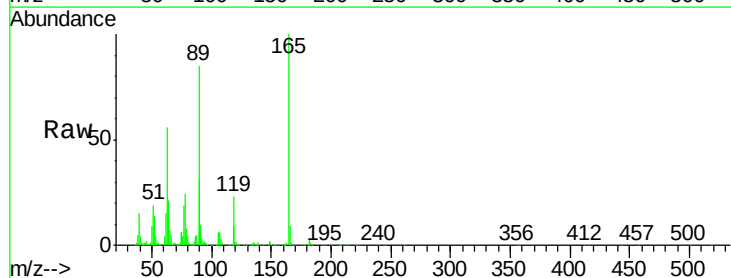
Instrument :
BNA_G
ClientSampleId :
PB92093BS

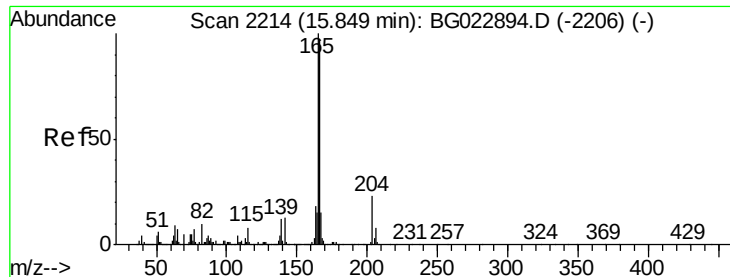
Tot Ion:139 Resp: 391906
Ion Ratio Lower Upper
139 100
109 115.4 103.0 143.0
65 136.8 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 37.55 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:165 Resp: 373929
Ion Ratio Lower Upper
165 100
63 56.0 45.8 68.6
89 84.9 68.6 102.8
182 3.4 2.0 3.0#





#57

Fluorene

Concen: 37.32 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

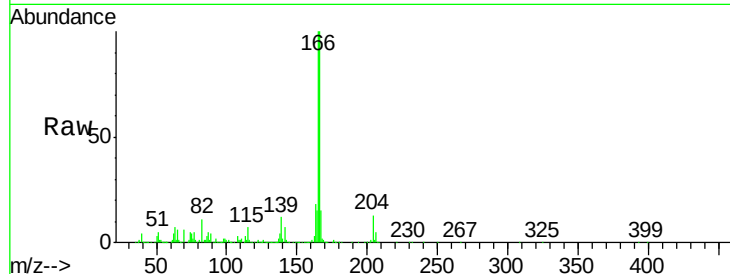
Tot Ion:166 Resp: 1067298

Ion Ratio Lower Upper

166 100

165 99.6 81.0 121.6

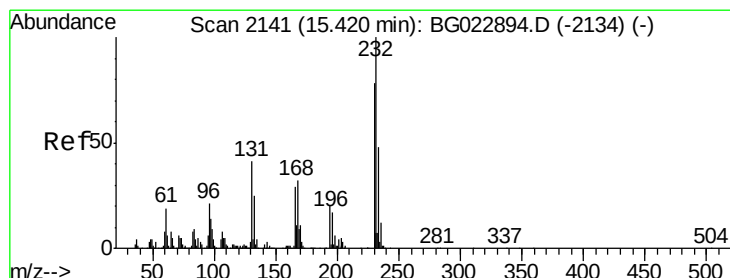
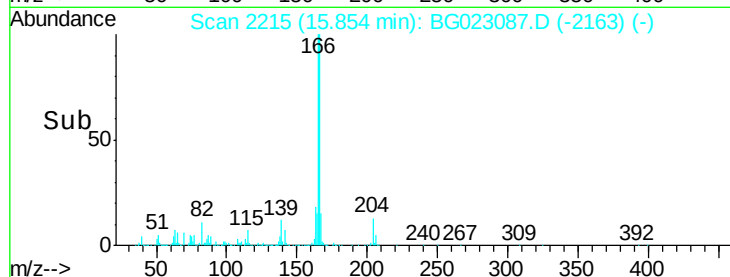
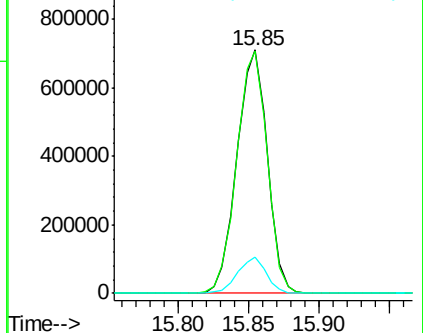
167 15.1 12.0 18.0



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: 38.53 ng

RT: 15.43 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Tgt Ion:232 Resp: 364850

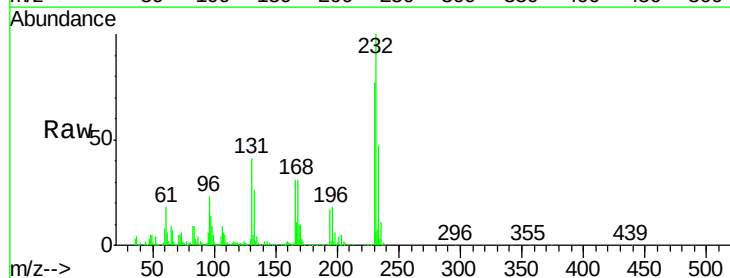
Ion Ratio Lower Upper

232 100

131 41.7 32.7 49.1

130 2.6 2.6 3.8

166 30.1 23.0 34.6

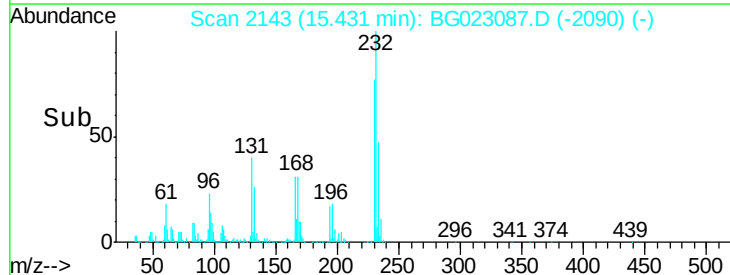
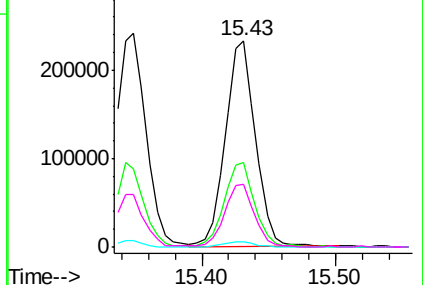


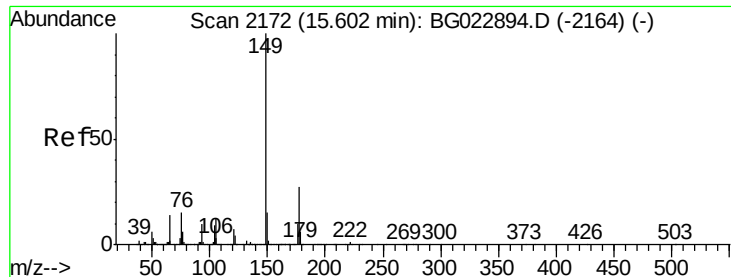
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.34 ng

RT: 15.61 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

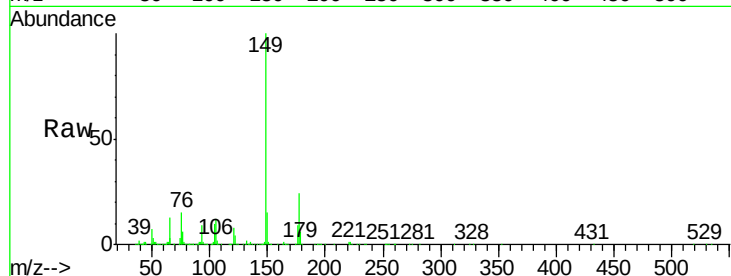
Tot Ion:149 Resp: 1185682

Ion Ratio Lower Upper

149 100

177 24.0 19.2 28.8

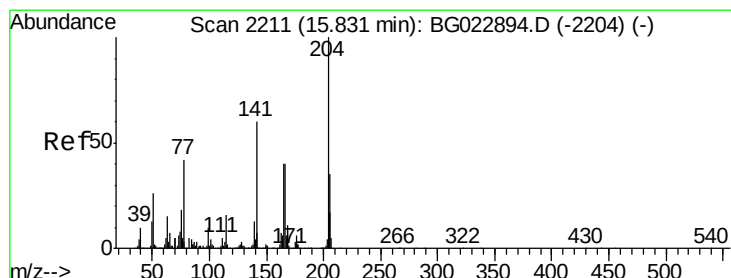
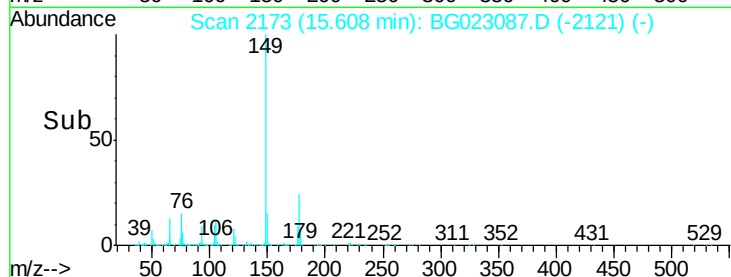
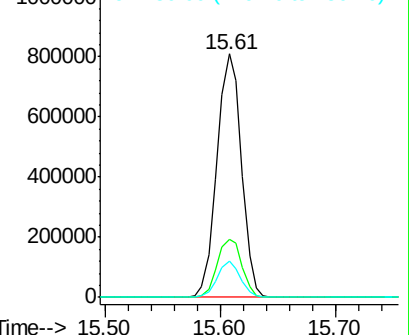
150 14.6 10.6 16.0



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: 35.84 ng

RT: 15.84 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

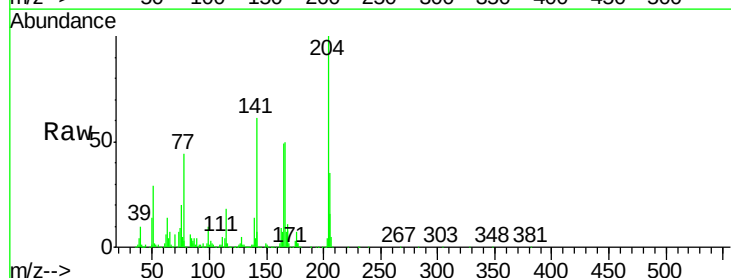
Tgt Ion:204 Resp: 624301

Ion Ratio Lower Upper

204 100

206 35.4 28.5 42.7

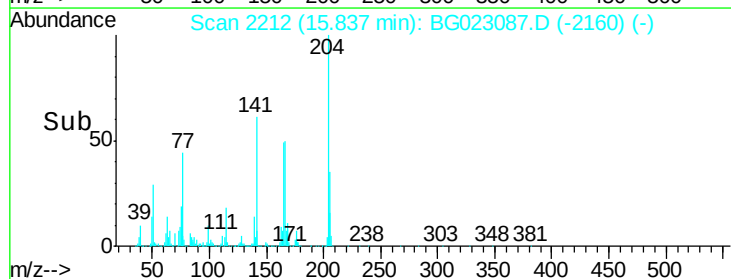
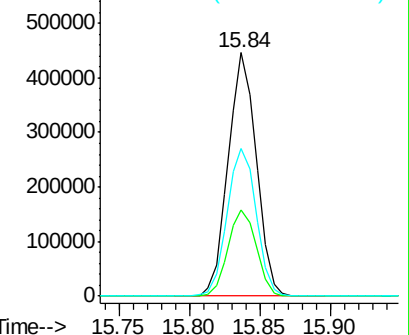
141 60.5 51.4 77.0

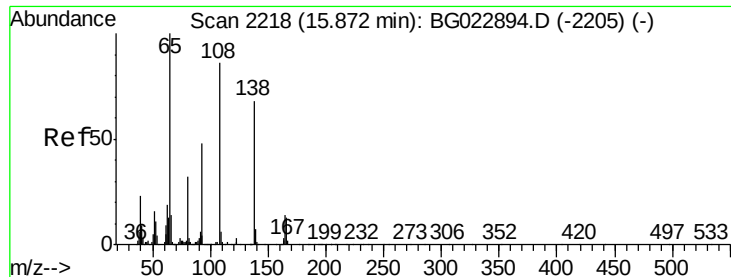


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.13 ng

RT: 15.88 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

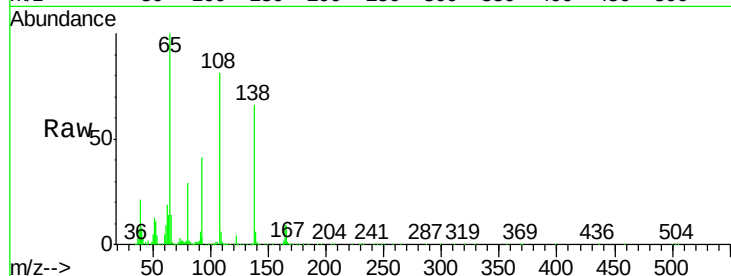
Tot Ion:138 Resp: 258907

Ion Ratio Lower Upper

138 100

92 63.0 54.1 94.1

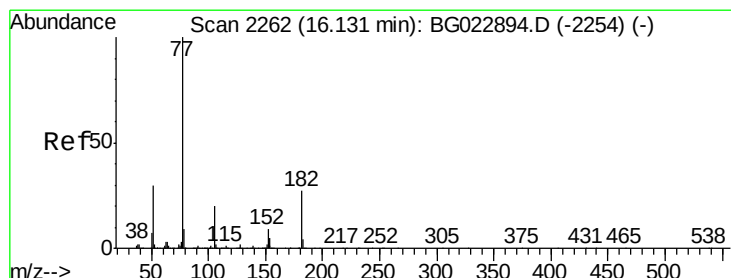
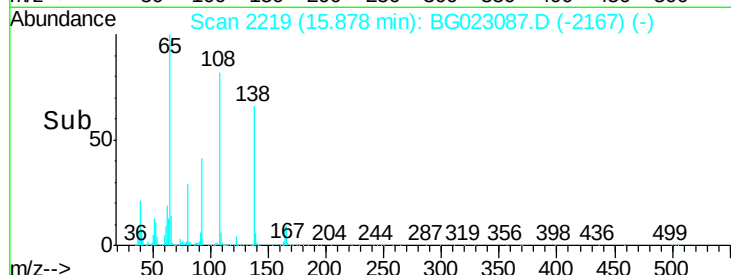
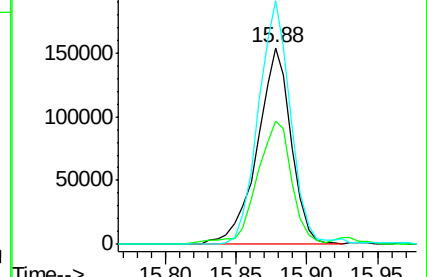
108 124.1 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.98 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Tgt Ion: 77 Resp: 1301005

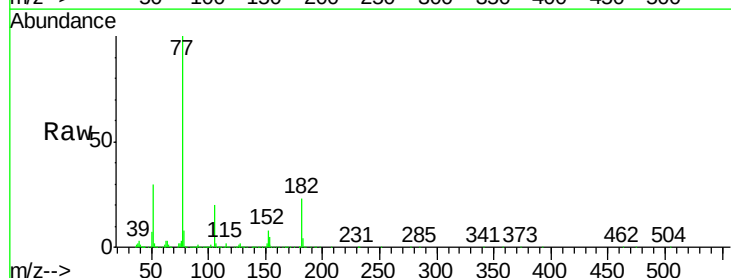
Ion Ratio Lower Upper

77 100

182 23.3 3.5 43.5

105 19.8 0.0 38.5

51 30.5 17.1 57.1

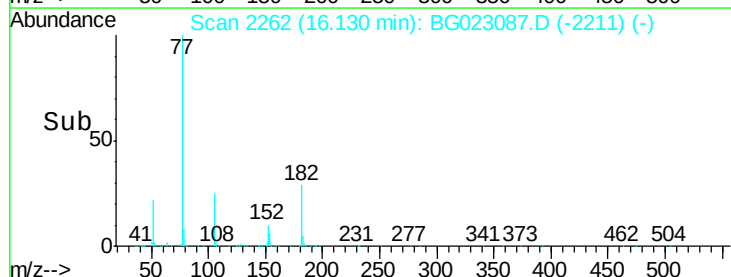
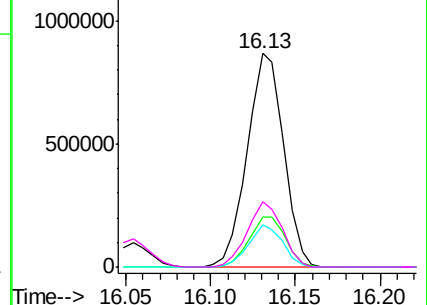


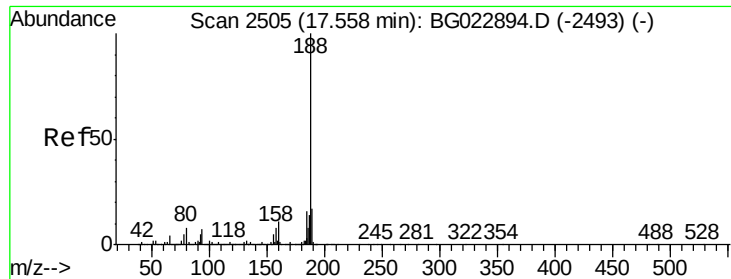
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

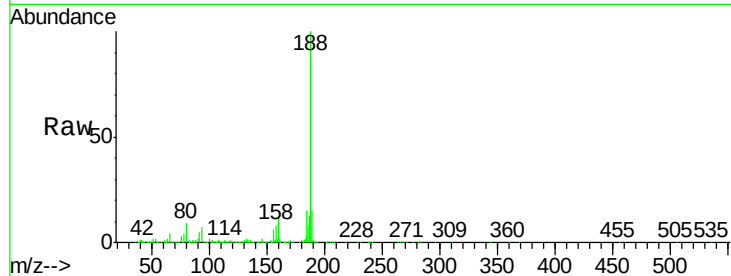
Tot Ion:188 Resp: 913320

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

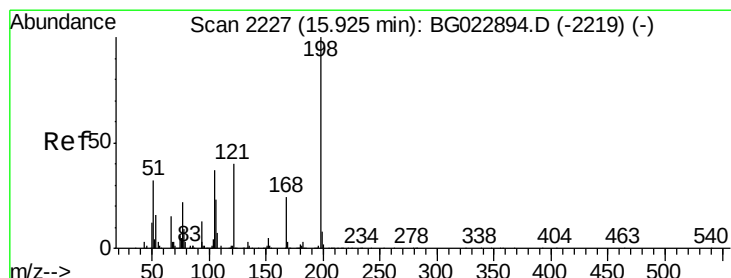
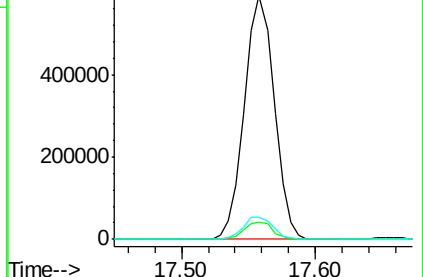
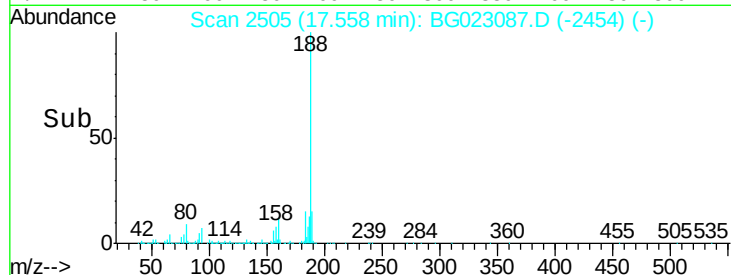
80 9.2 7.2 10.8



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: 35.02 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

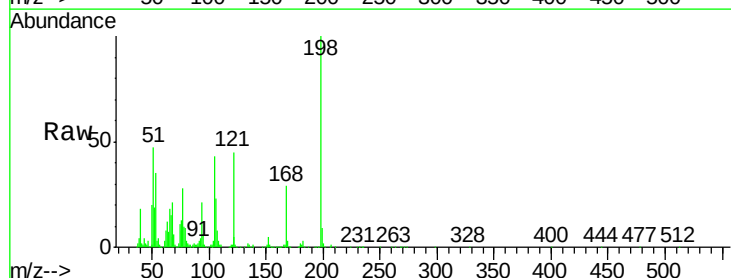
Tgt Ion:198 Resp: 237689

Ion Ratio Lower Upper

198 100

51 46.6 26.0 66.0

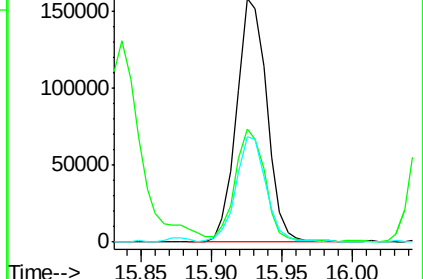
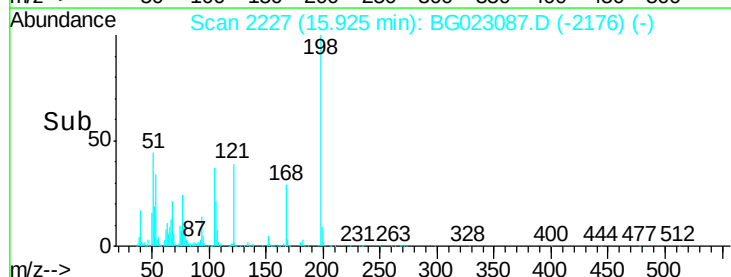
105 43.2 20.1 60.1

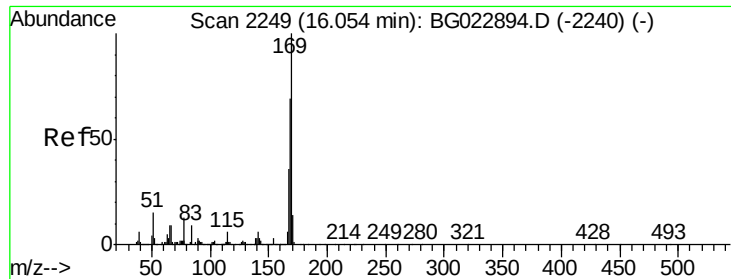


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.35 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

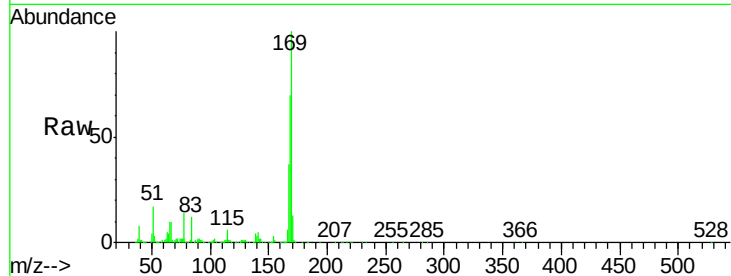
BNA_G

ClientSampleId :

PB92093BS

Tot Ion:169 Resp: 1009219

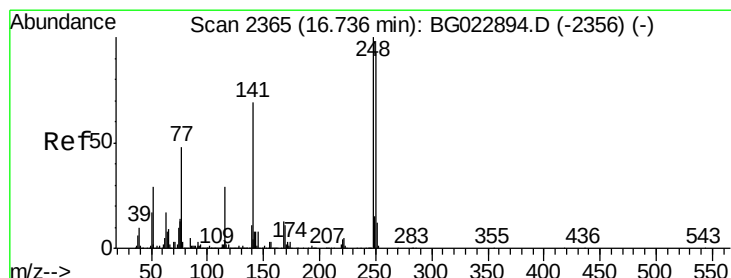
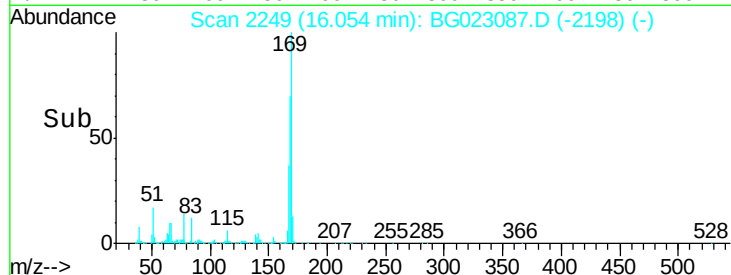
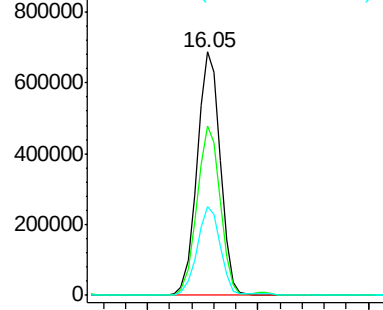
Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.0	82.4
167	36.5	27.4	41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.41 ng

RT: 16.74 min Scan# 2365

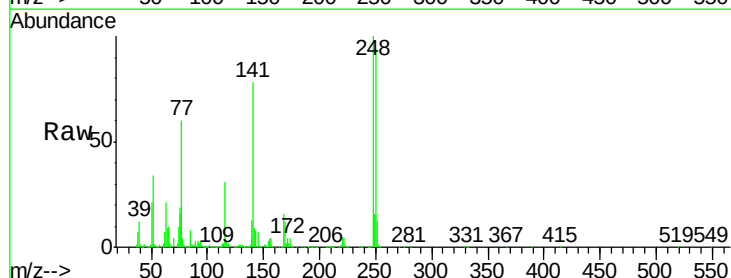
Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Tgt Ion:248 Resp: 420770

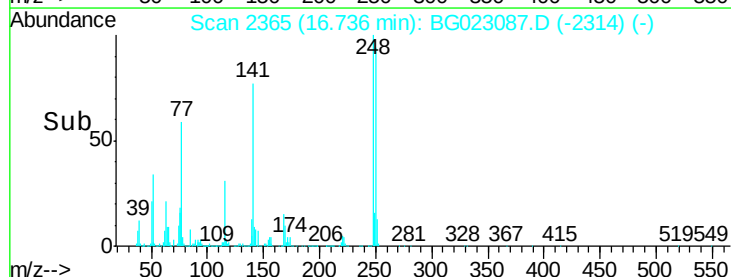
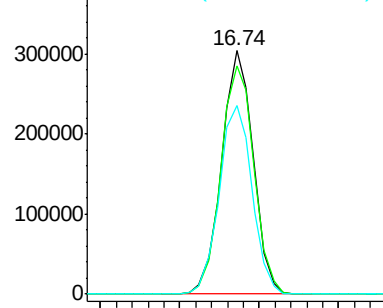
Ion	Ratio	Lower	Upper
248	100		
250	93.6	77.8	116.8
141	77.6	65.7	98.5

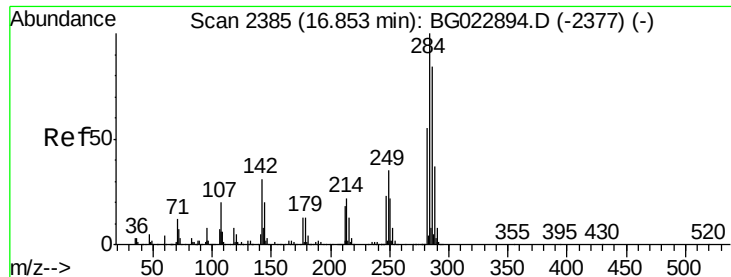


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.82 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

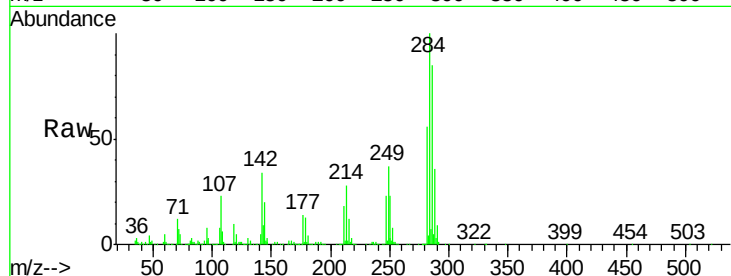
Tot Ion:284 Resp: 449865

Ion Ratio Lower Upper

284 100

142 34.1 26.8 40.2

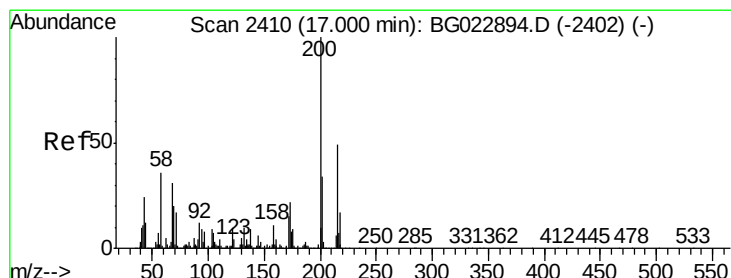
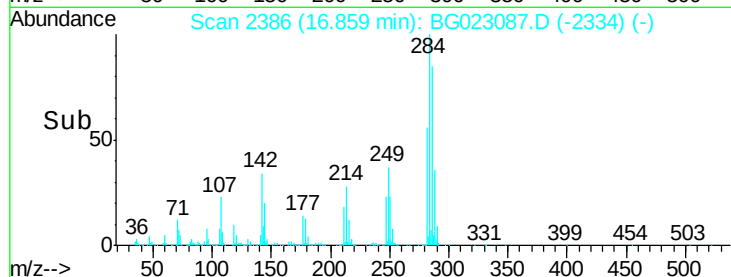
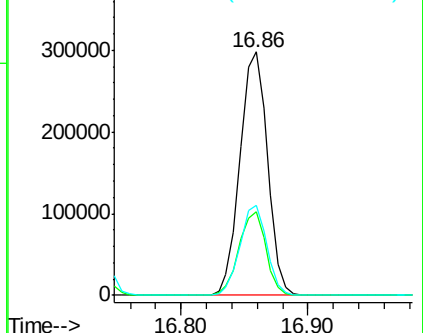
249 37.1 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.14 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

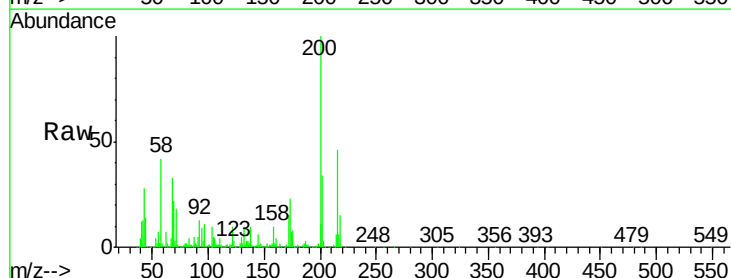
Tgt Ion:200 Resp: 410159

Ion Ratio Lower Upper

200 100

173 23.3 1.6 41.6

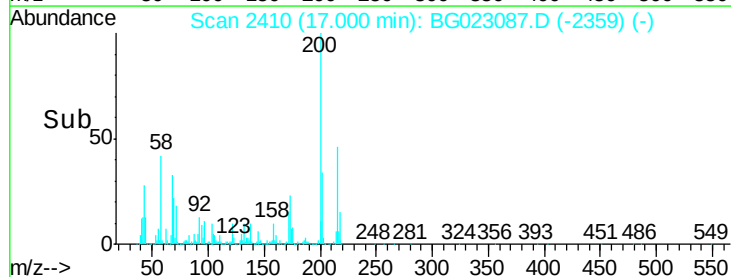
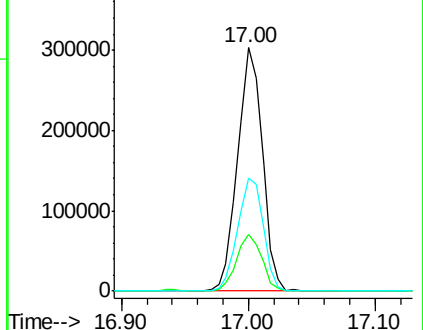
215 46.2 28.7 68.7

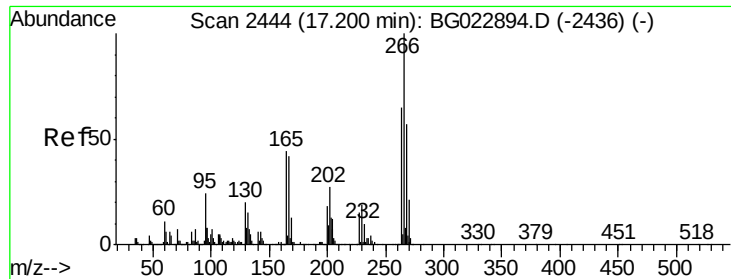


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

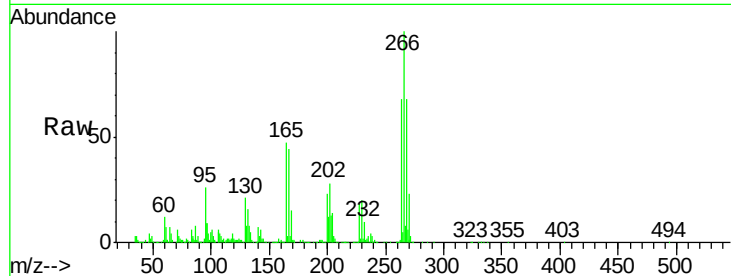




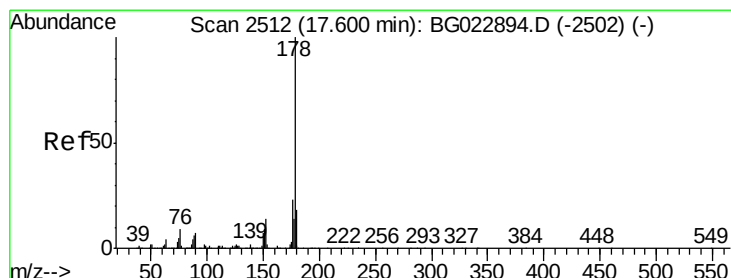
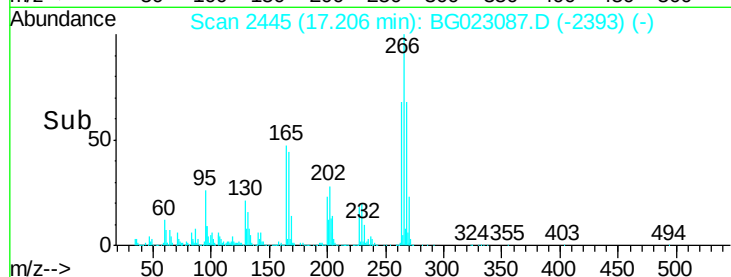
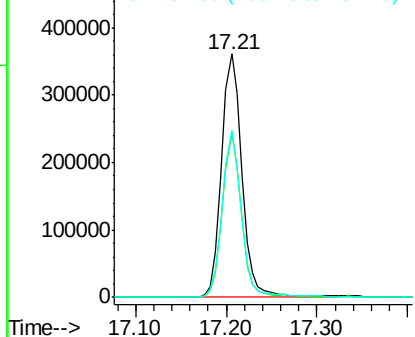
#69
 Pentachlorophenol
 Concen: 67.46 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.9	77.9
264	68.4	50.6	75.8

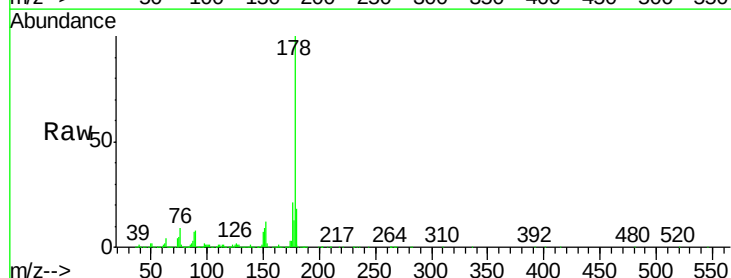


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

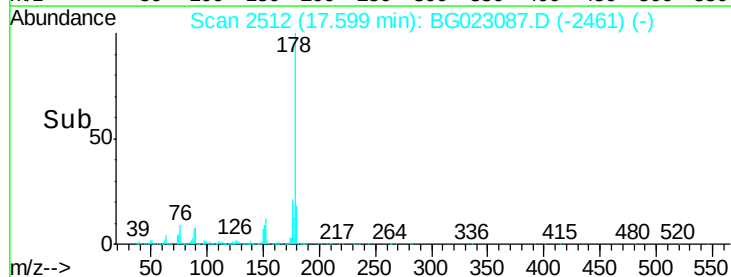
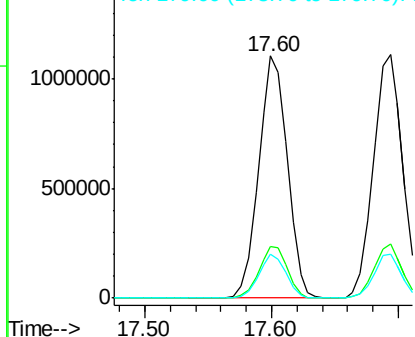


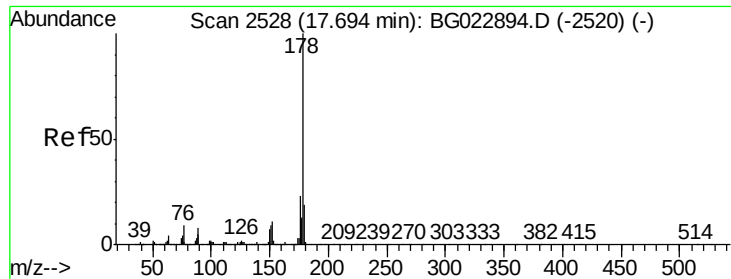
#70
 Phenanthrene
 Concen: 38.74 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.8	25.2
179	18.2	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: 39.00 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

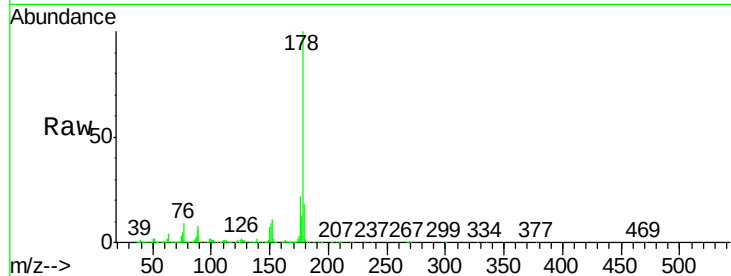
BNA_G

ClientSampleId :

PB92093BS

Tot Ion:178 Resp: 1767679

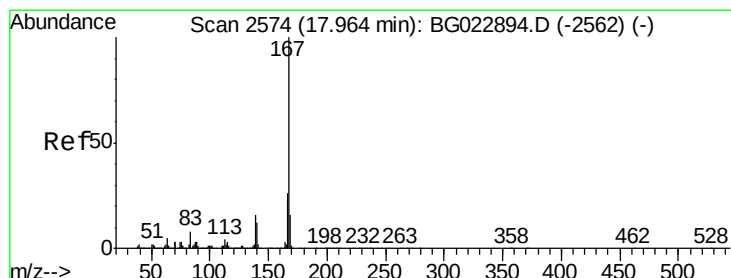
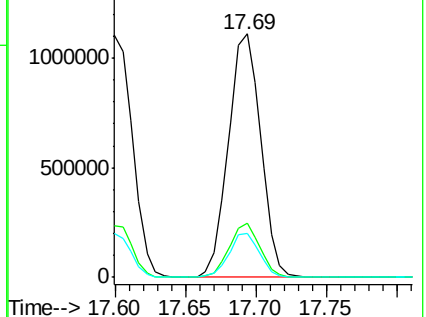
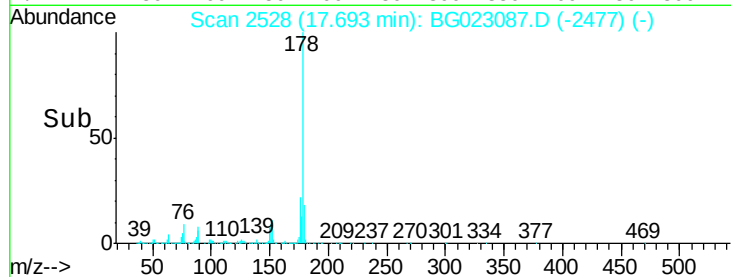
Ion	Ratio	Lower	Upper
178	100		
176	22.3	17.3	25.9
179	17.9	14.0	21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.37 ng

RT: 17.96 min Scan# 2574

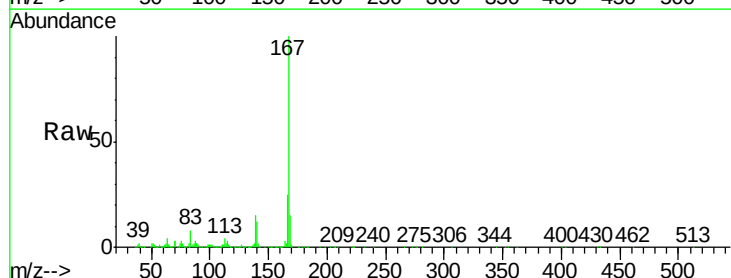
Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Tgt Ion:167 Resp: 1541830

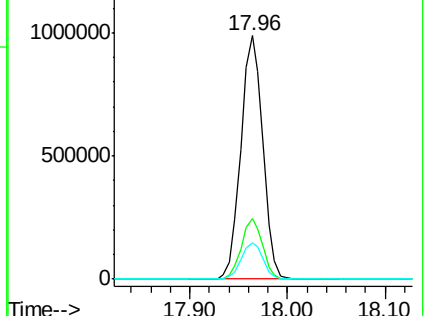
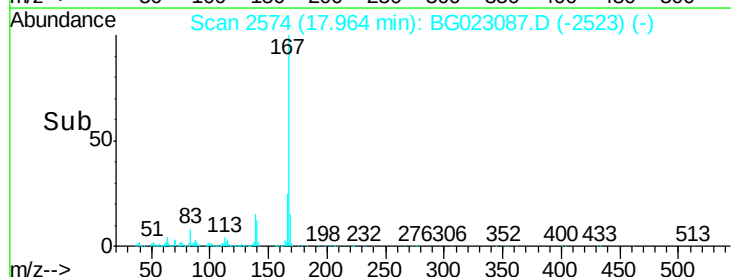
Ion	Ratio	Lower	Upper
167	100		
166	24.9	20.7	31.1
139	15.1	11.9	17.9

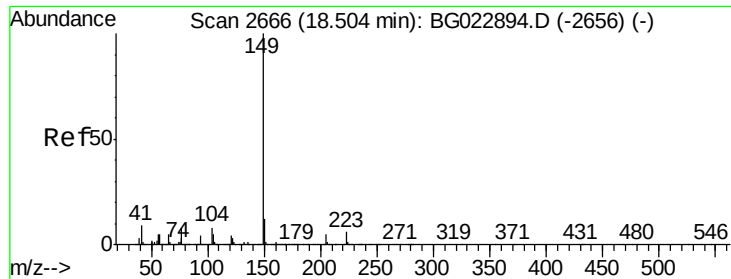


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.51 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

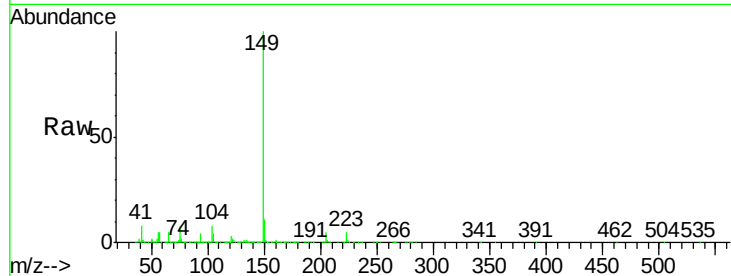
BNA_G

ClientSampleId :

PB92093BS

Tot Ion:149 Resp: 1851507

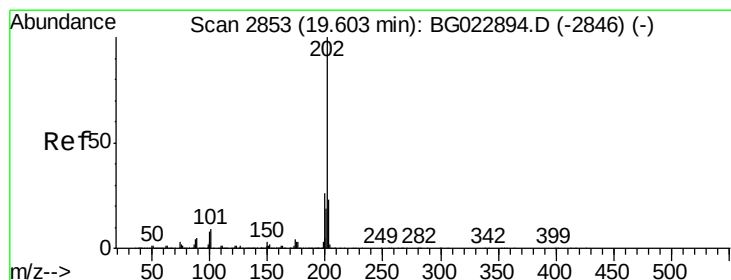
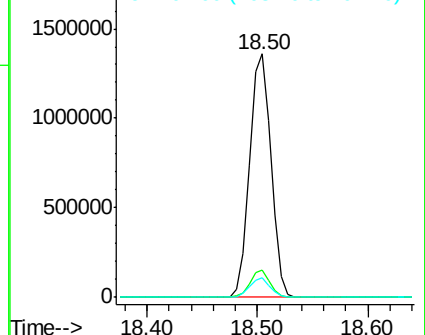
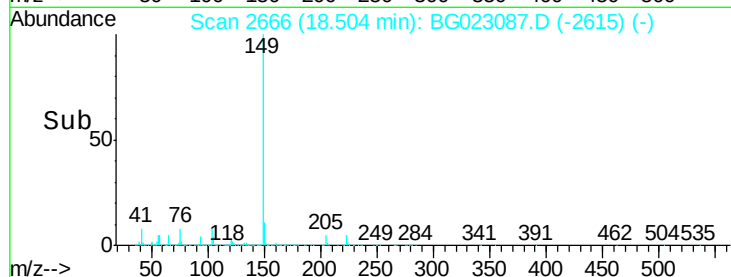
Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.1	13.7
104	7.8	6.9	10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.55 ng

RT: 19.61 min Scan# 2854

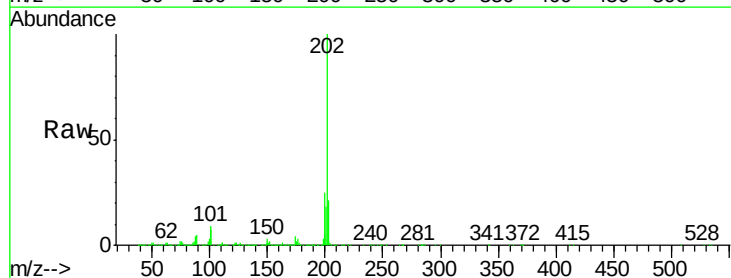
Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Tgt Ion:202 Resp: 2007684

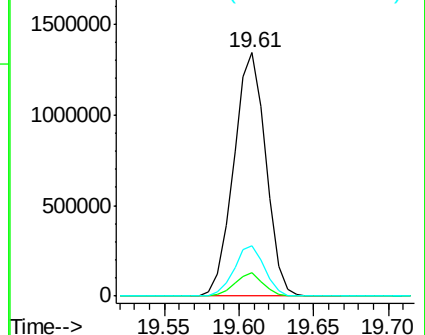
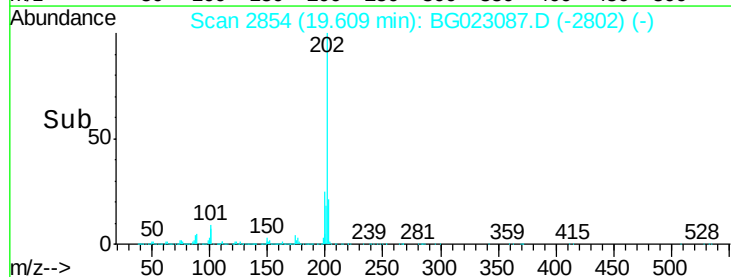
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	27.4
203	20.8	1.7	41.7

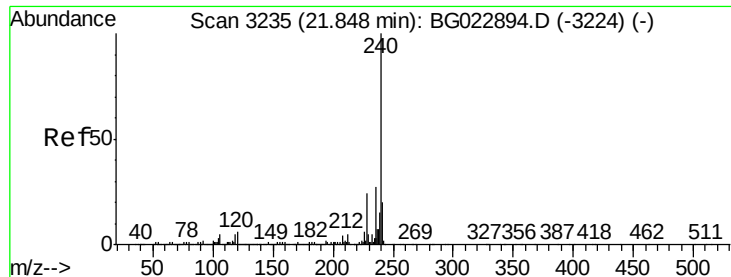


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

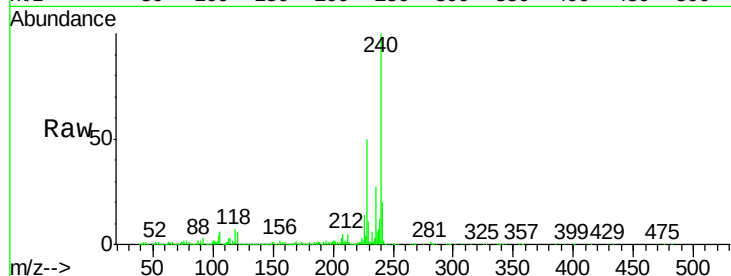
Tot Ion:240 Resp: 958092

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

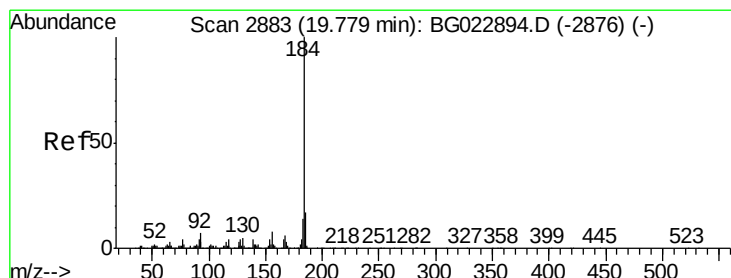
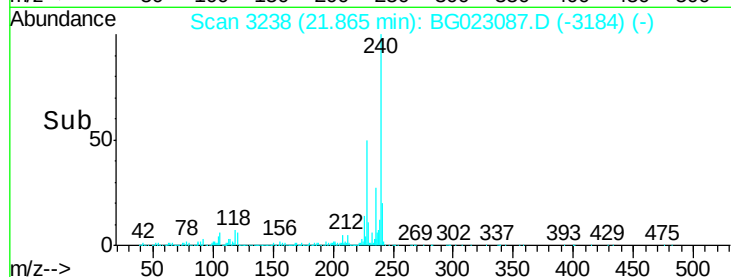
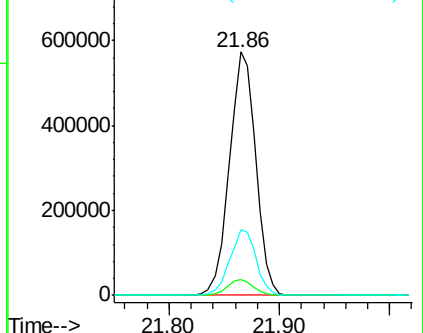
236 26.9 21.1 31.7



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: 31.79 ng

RT: 19.79 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

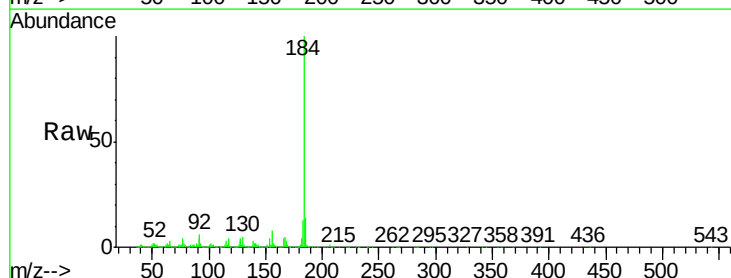
Tgt Ion:184 Resp: 873050

Ion Ratio Lower Upper

184 100

185 14.4 12.6 19.0

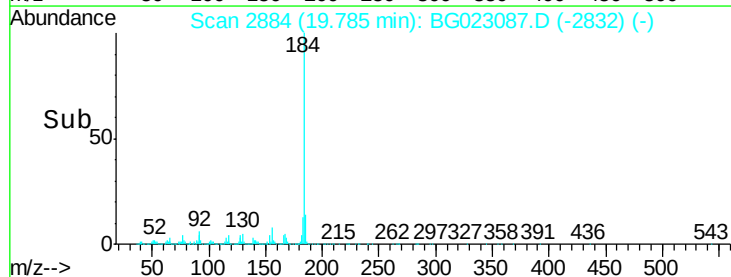
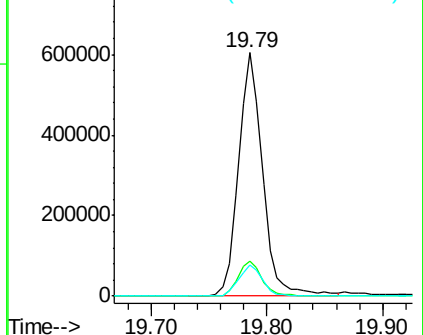
183 13.0 10.7 16.1

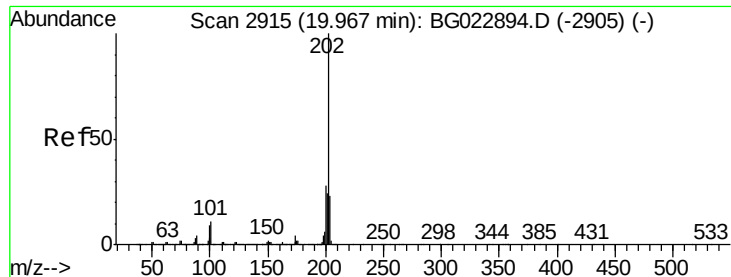


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

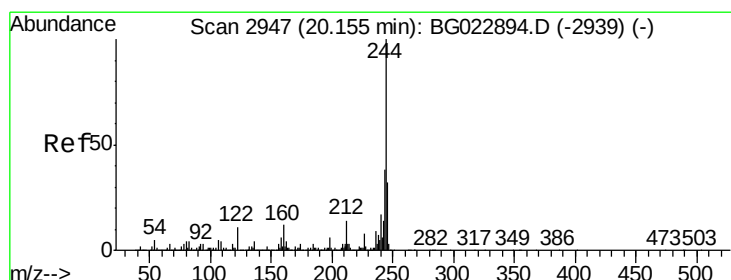
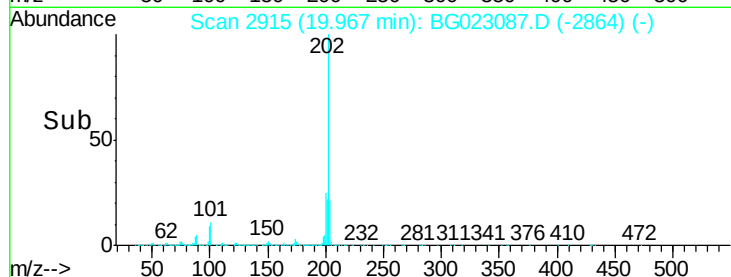
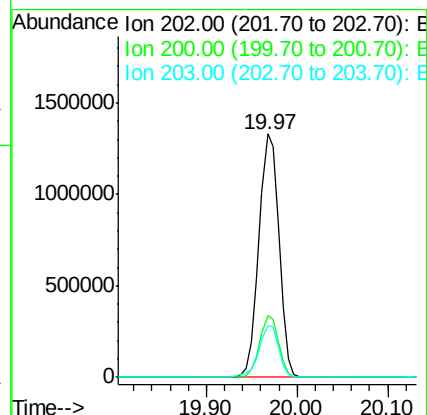
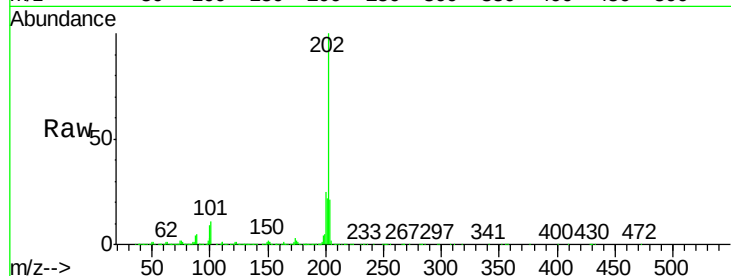




#77
Pvrene
Concen: 37.81 ng
RT: 19.97 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

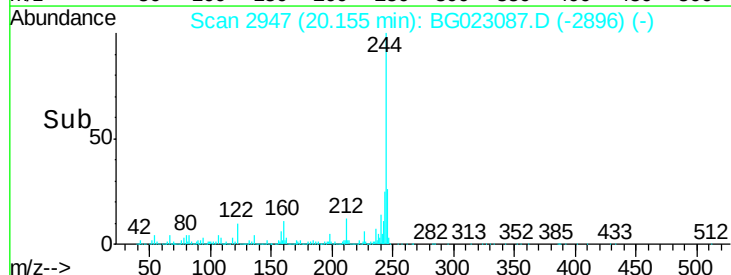
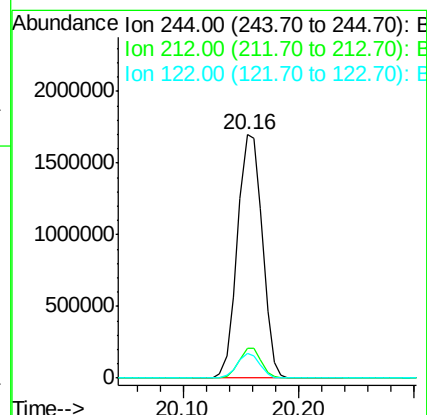
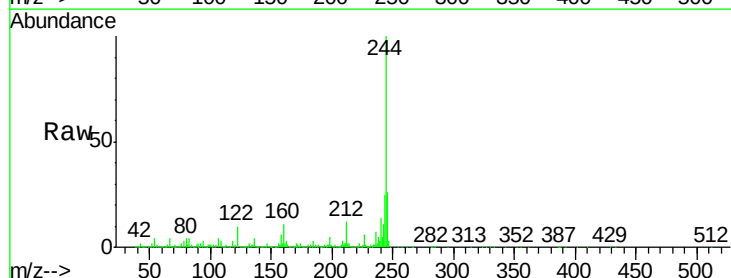
Instrument :
BNA_G
ClientSampleId :
PB92093BS

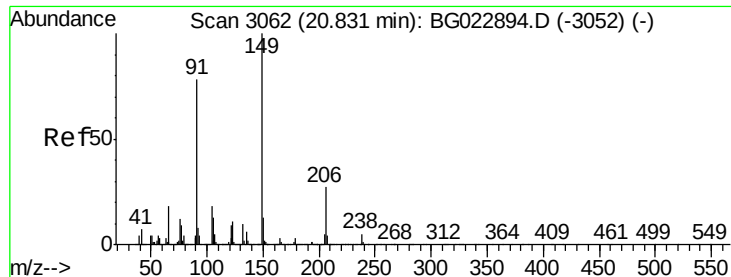
Tot Ion:202 Resp: 2035784
Ion Ratio Lower Upper
202 100
200 25.3 21.2 31.8
203 21.1 16.8 25.2



#78
Terphenyl-d14
Concen: 83.11 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:244 Resp: 2531740
Ion Ratio Lower Upper
244 100
212 12.3 10.8 16.2
122 10.3 8.0 12.0





#79

Butylbenzylphthalate

Concen: 41.78 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.01 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

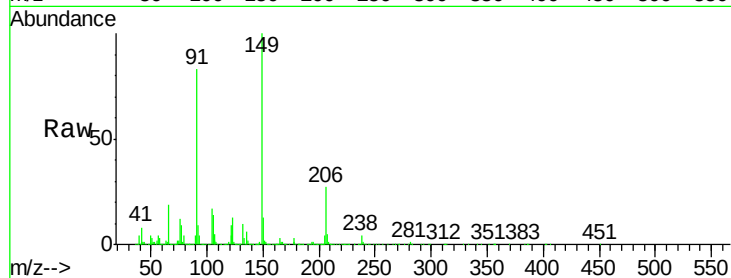
Tot Ion:149 Resp: 890952

Ion Ratio Lower Upper

149 100

91 82.8 68.1 102.1

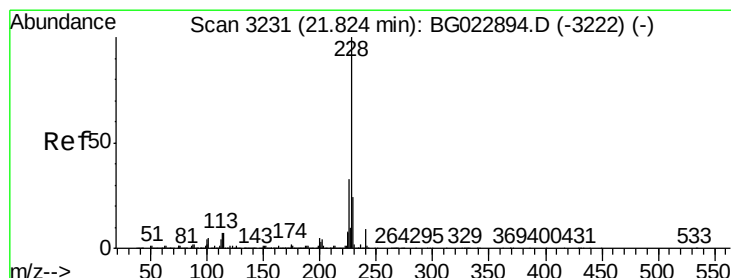
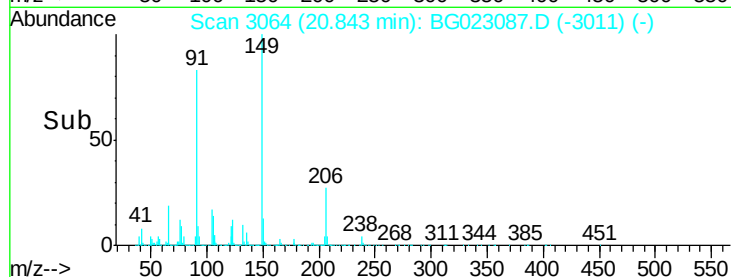
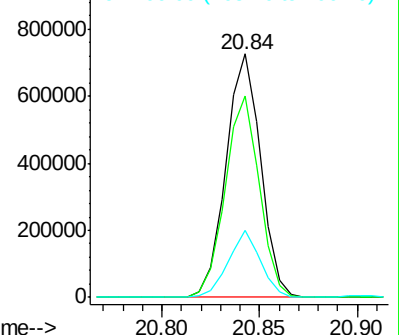
206 27.3 19.8 29.6



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



#80

Benzo(a)anthracene

Concen: 39.95 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.02 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

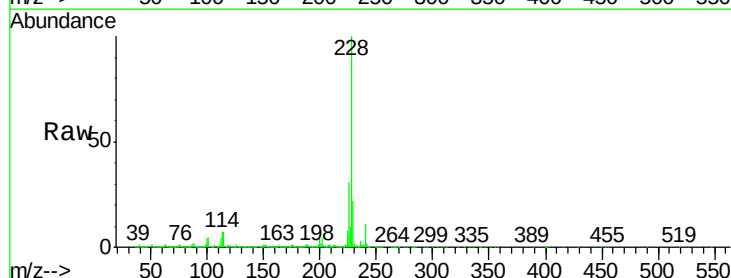
Tgt Ion:228 Resp: 2141415

Ion Ratio Lower Upper

228 100

226 31.2 25.3 37.9

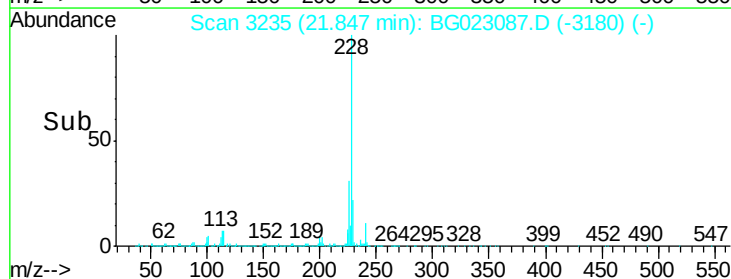
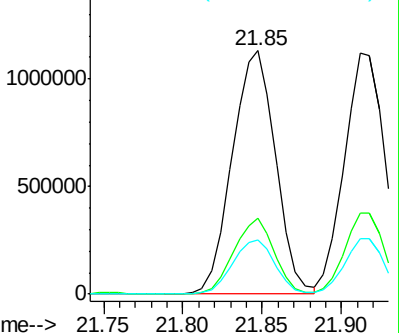
229 22.3 19.9 29.9

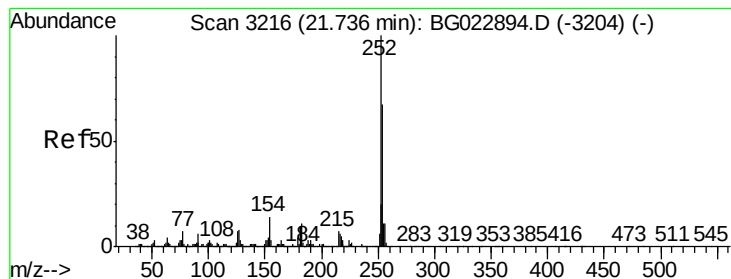


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 27.98 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.02 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

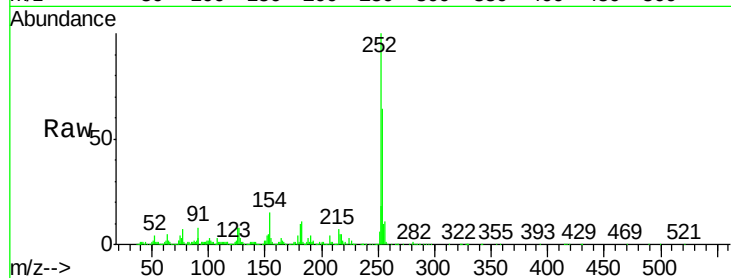
Tot Ion:252 Resp: 658354

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

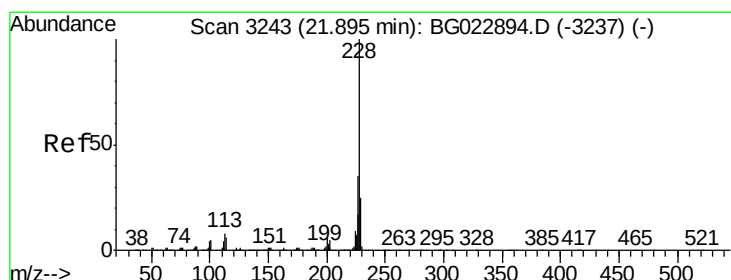
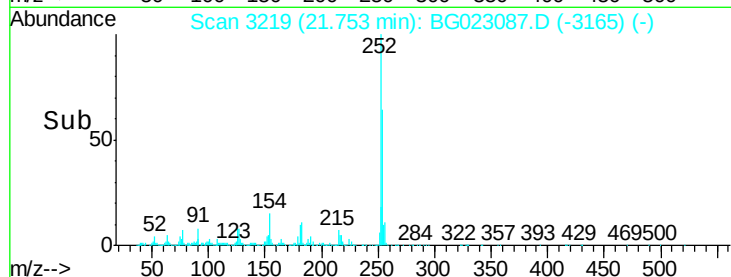
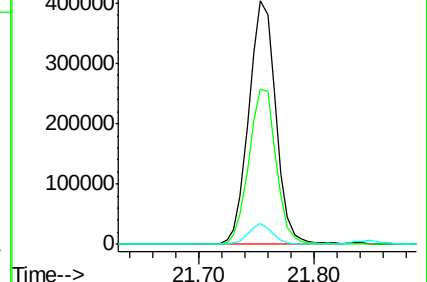
126 8.4 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.20 ng

RT: 21.91 min Scan# 3246

Delta R.T. 0.02 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

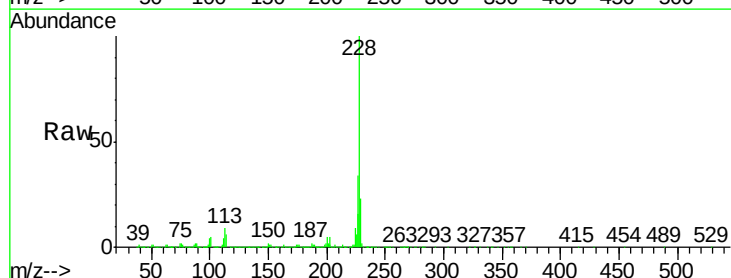
Tgt Ion:228 Resp: 1970983

Ion Ratio Lower Upper

228 100

226 33.7 26.7 40.1

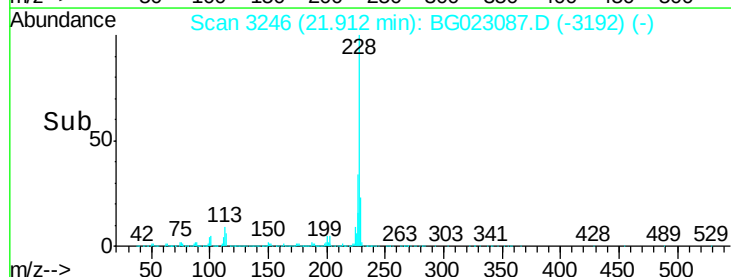
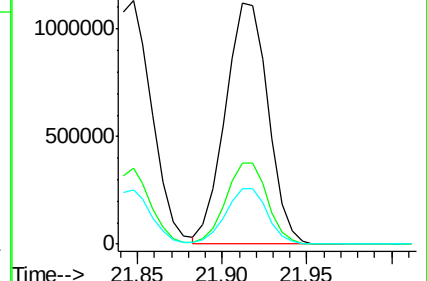
229 22.9 17.4 26.2

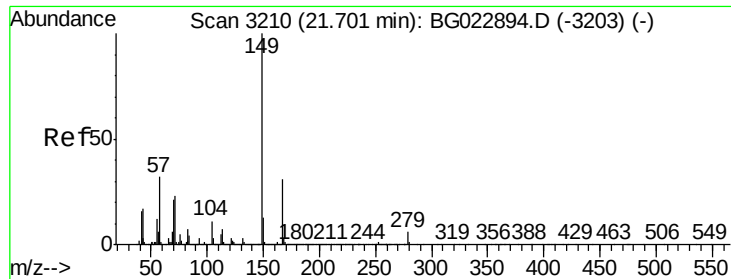


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.35 ng

RT: 21.72 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

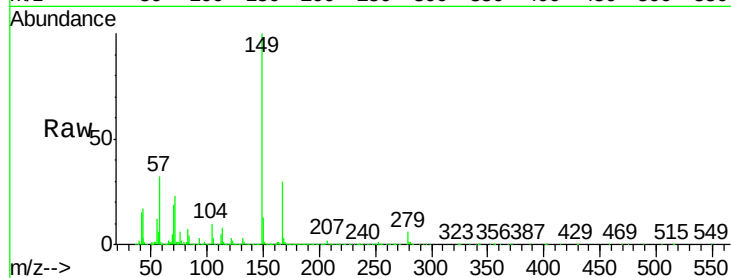
BNA_G

ClientSampleId :

PB92093BS

Tot Ion:149 Resp: 1224473

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.0	36.0
279	5.7	4.8	7.2

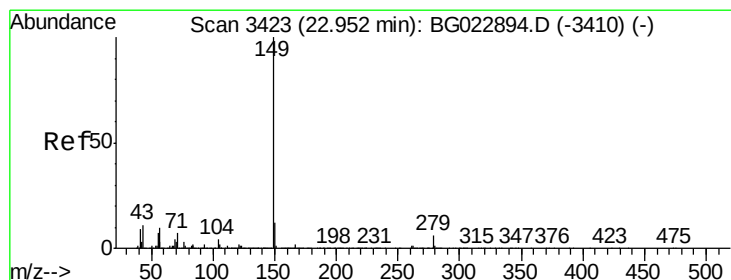
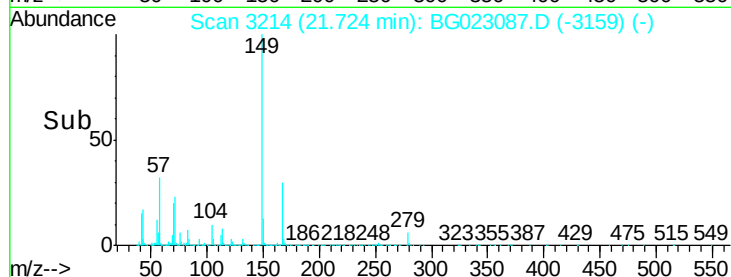
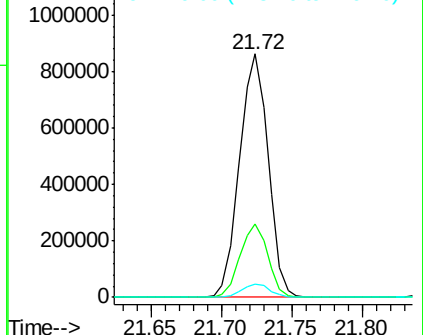


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.67 ng

RT: 22.99 min Scan# 3429

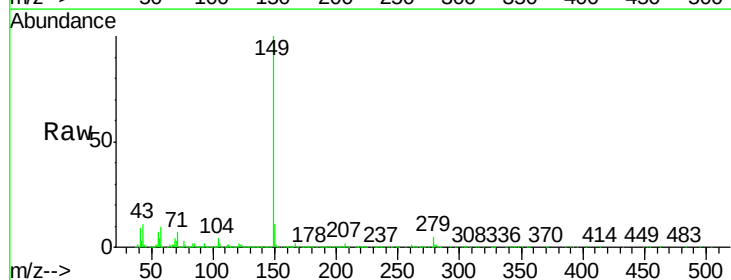
Delta R.T. 0.04 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Tgt Ion:149 Resp: 2057734

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.4	8.8	13.2

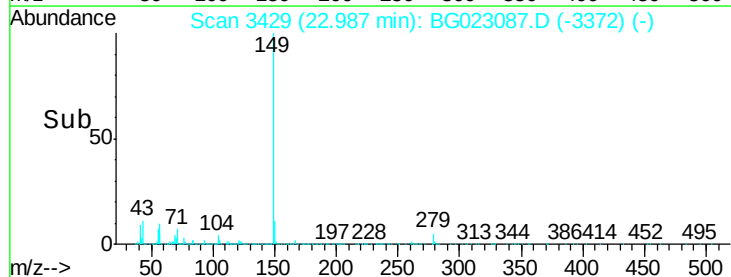
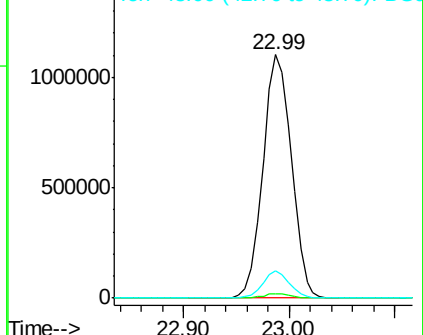


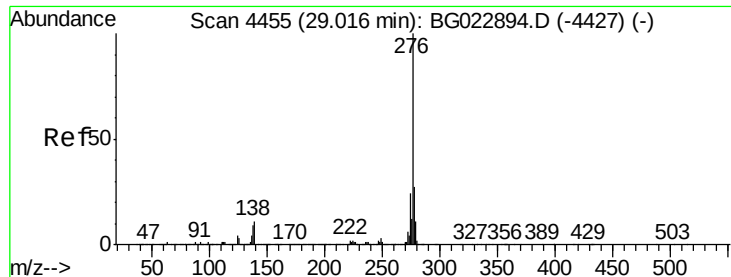
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

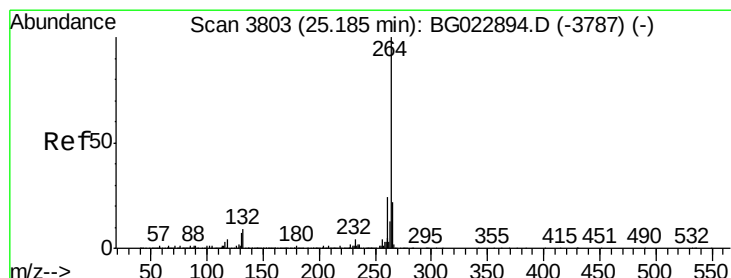
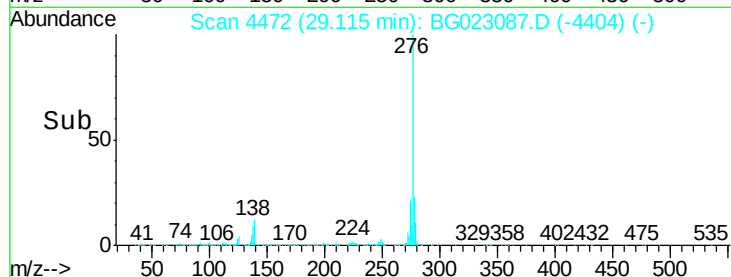
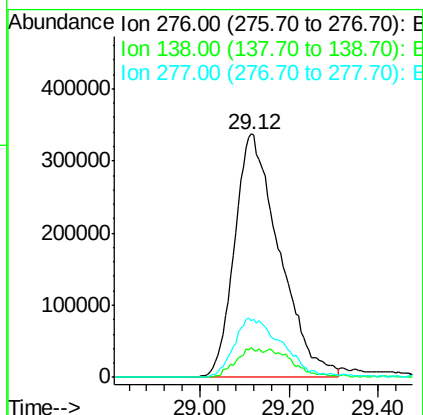
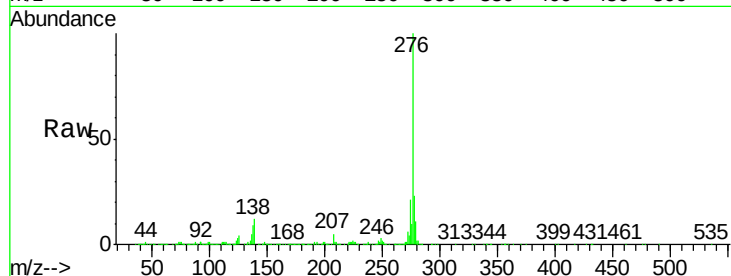




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.73 ng
 RT: 29.12 min Scan# 4472
 Delta R.T. 0.10 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

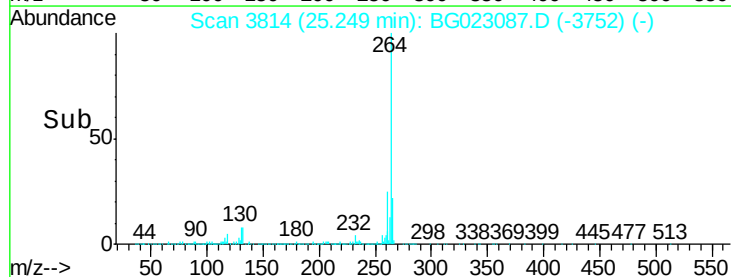
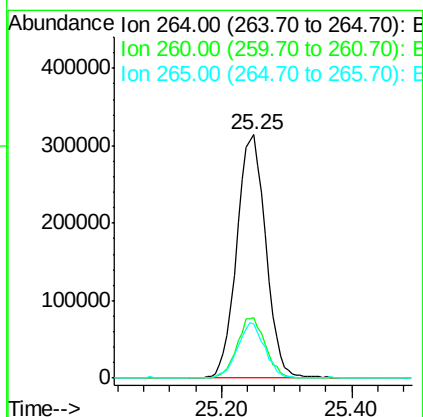
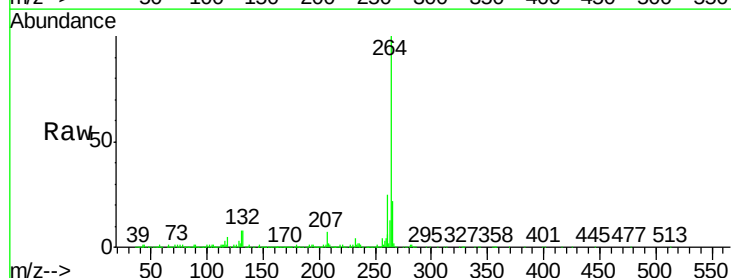
Instrument :
 BNA_G
 ClientSampleId :
 PB92093BS

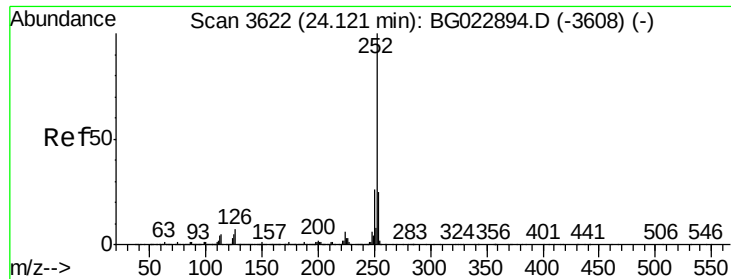
Tot Ion:276 Resp: 2354722
 Ion Ratio Lower Upper
 276 100
 138 6.8 0.0 0.0#
 277 26.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Tgt Ion:264 Resp: 972088
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 22.0 18.9 28.3

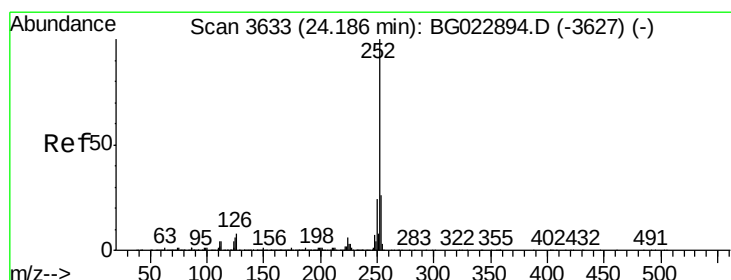
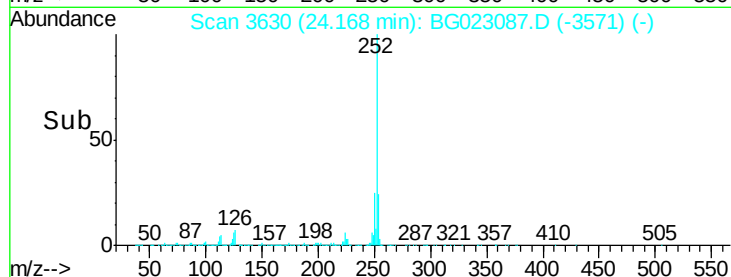
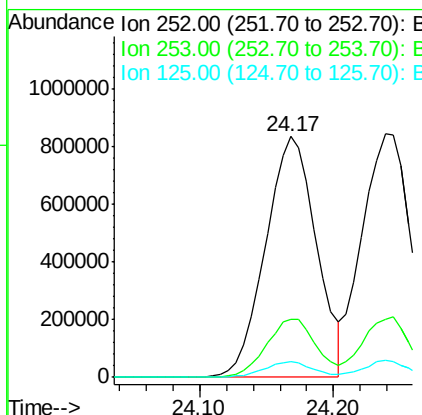
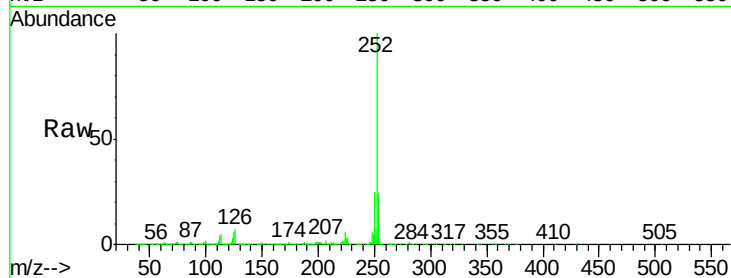




#87
Benzo(b)fluoranthene
Concen: 39.34 ng
RT: 24.17 min Scan# 3630
Delta R.T. 0.05 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

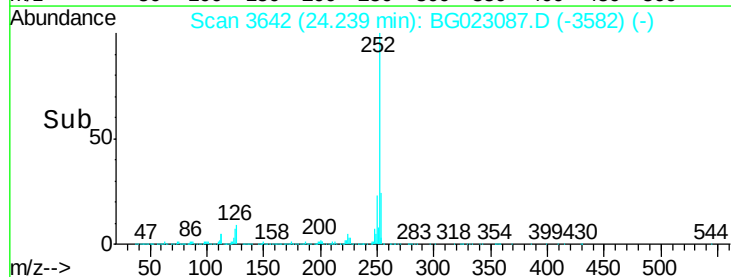
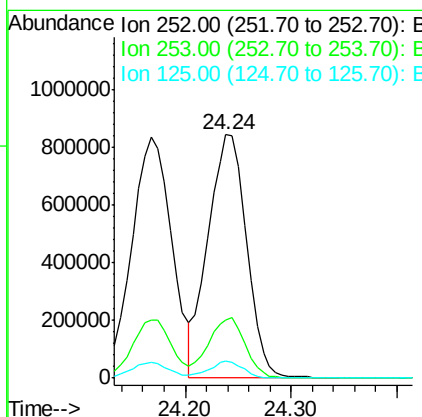
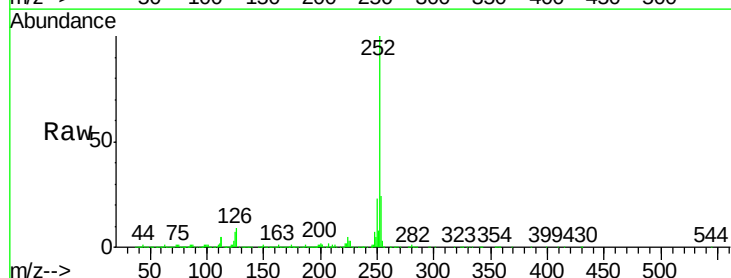
Instrument :
BNA_G
ClientSampleId :
PB92093BS

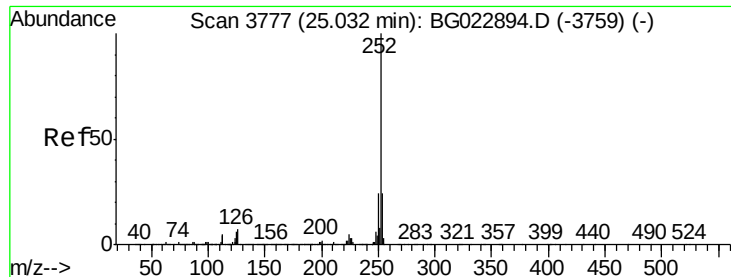
Tot Ion:252 Resp: 2206215
Ion Ratio Lower Upper
252 100
253 24.3 18.9 28.3
125 6.4 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 40.04 ng
RT: 24.24 min Scan# 3642
Delta R.T. 0.05 min
Lab File: BG023087.D
Acq: 14 Jul 2016 3:52

Tgt Ion:252 Resp: 2131069
Ion Ratio Lower Upper
252 100
253 24.0 18.8 28.2
125 6.8 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 40.09 ng

RT: 25.09 min Scan# 3787

Delta R.T. 0.06 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

Instrument :

BNA_G

ClientSampleId :

PB92093BS

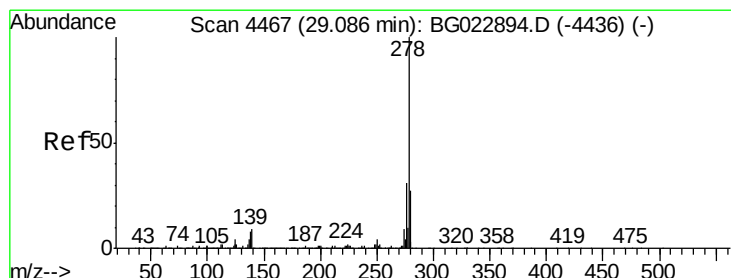
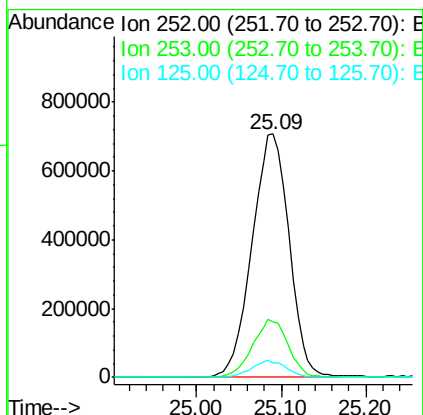
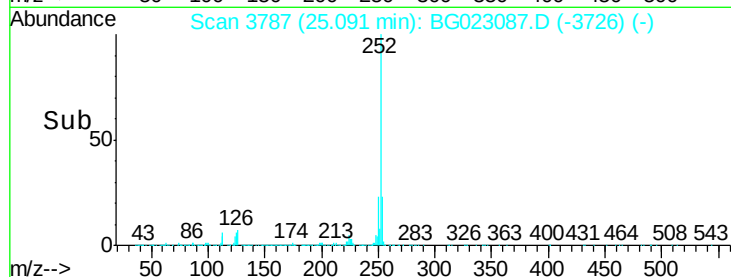
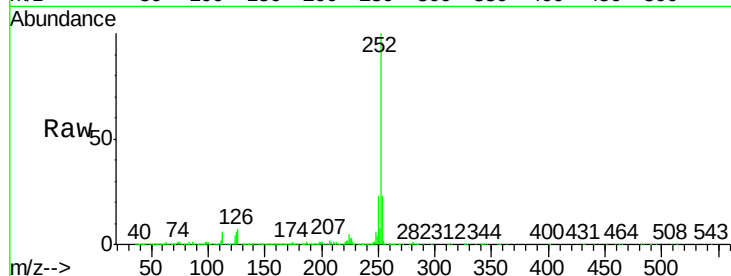
Tot Ion:252 Resp: 2155350

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

125 5.9 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 37.62 ng

RT: 29.19 min Scan# 4484

Delta R.T. 0.10 min

Lab File: BG023087.D

Acq: 14 Jul 2016 3:52

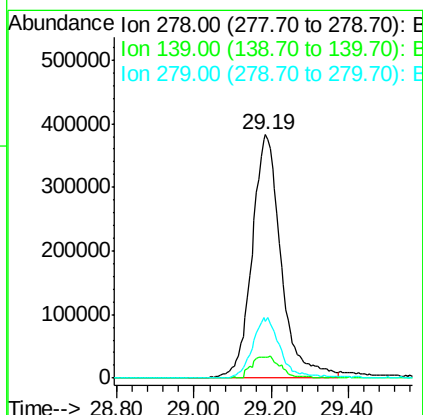
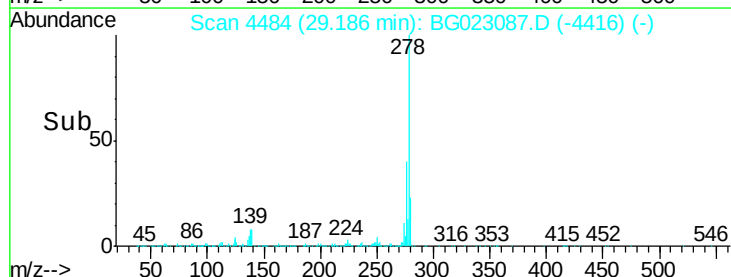
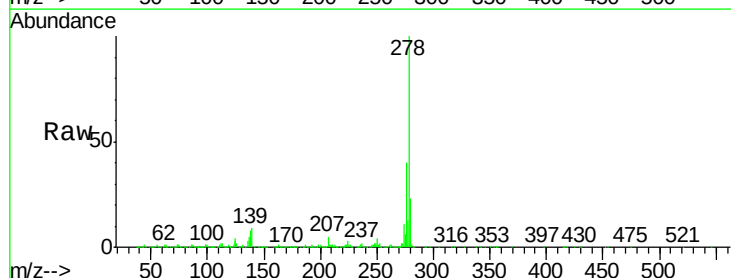
Tgt Ion:278 Resp: 2007457

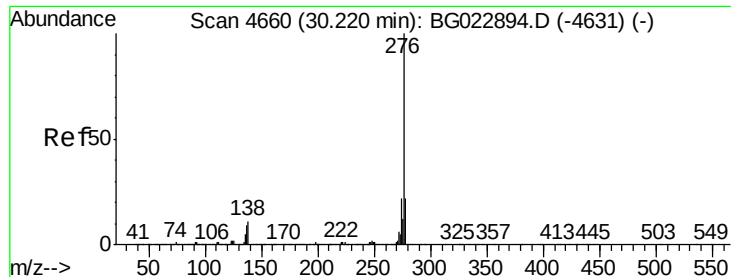
Ion Ratio Lower Upper

278 100

139 8.5 4.7 7.1#

279 23.2 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 35.57 ng
 RT: 30.33 min Scan# 4679
 Delta R.T. 0.11 min
 Lab File: BG023087.D
 Acq: 14 Jul 2016 3:52

Instrument :
 BNA_G
 ClientSampleId :
 PB92093BS

Tot Ion:276 Resp: 1900694
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.6 27.8
 138 11.7 6.8 10.2#

