

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022954.D
 Acq On : 9 Jul 2016 6:46
 Operator : UM/SJ
 Sample : PB91977BSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91977BSD

Quant Time: Jul 11 01:29:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	100549	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	445708	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	344664	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	888575	20.00	ng	0.00
75) Chrysene-d12	21.85	240	977014	20.00	ng	0.00
86) Perylene-d12	25.21	264	1013647	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	873690	142.11	ng	0.00
7) Phenol-d6	7.31	99	1325370	137.64	ng	0.00
23) Nitrobenzene-d5	9.33	82	904546	86.90	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	751691	121.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1862259	85.11	ng	0.00
78) Terphenyl-d14	20.15	244	2874832	99.65	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	268703	32.86	ng	99
4) n-Nitrosodimethylamine	3.88	42	134661	38.38	ng	# 96
6) Aniline	7.47	93	350027	26.23	ng	98
8) 2-Chlorophenol	7.72	128	294869	45.07	ng	93
9) Benzaldehyde	7.28	77	230541	35.83	ng	90
10) Phenol	7.34	94	455256	45.95	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	318430	40.55	ng	99
12) 1,3-Dichlorobenzene	8.04	146	309442	38.64	ng	97
13) 1,4-Dichlorobenzene	8.19	146	313336	39.08	ng	100
14) 1,2-Dichlorobenzene	8.51	146	303452	38.07	ng	99
15) Benzyl Alcohol	8.39	79	407075	46.16	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	368170	38.38	ng	98
17) 2-Methylphenol	8.60	107	297937	46.20	ng	92
18) Hexachloroethane	9.24	117	129068	38.14	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	320084	36.87	ng	93
20) 3+4-Methylphenols	8.93	107	412124	45.82	ng	95
22) Acetophenone	8.98	105	512414	38.31	ng	# 93
24) Nitrobenzene	9.37	77	475211	42.96	ng	96
25) Isophorone	9.89	82	825372	39.42	ng	98
26) 2-Nitrophenol	10.08	139	189677	43.70	ng	90
27) 2,4-Dimethylphenol	10.14	122	331722	44.22	ng	89
28) bis(2-Chloroethoxy)methane	10.37	93	458543	39.27	ng	99
29) 2,4-Dichlorophenol	10.62	162	366449	45.80	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	369052	40.25	ng	98
31) Naphthalene	11.03	128	924729	40.76	ng	100
32) Benzoic acid	10.27	122	232729	34.10	ng	93
33) 4-Chloroaniline	11.14	127	145621	13.12	ng	93
34) Hexachlorobutadiene	11.31	225	276815	37.24	ng	97
35) Caprolactam	11.91	113	129177m	39.24	ng	
36) 4-Chloro-3-methylphenol	12.26	107	448569	40.99	ng	98
37) 2-Methylnaphthalene	12.63	142	730315	40.73	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	486530	32.76	ng	98
40) Hexachlorocyclopentadiene	12.97	237	670340	78.40	ng	99
42) 2,4,6-Trichlorophenol	13.23	196	355782	41.68	ng	98

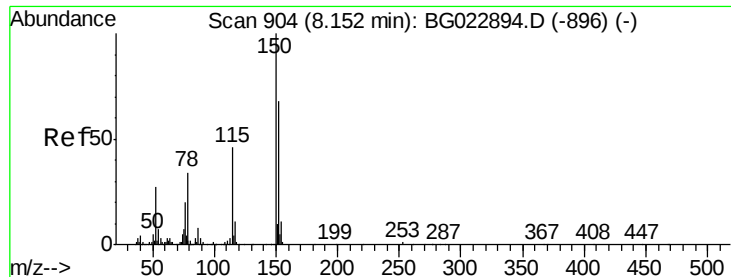
Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	387707	44.22	nq	93
45) 1,1'-Biphenyl	13.63	154	1039470	40.20	nq	99
46) 2-Chloronaphthalene	13.67	162	852142	40.62	nq	97
47) 2-Nitroaniline	13.88	65	358546	40.06	nq	93
48) Acenaphthylene	14.52	152	1290381	41.00	nq	99
49) Dimethylphthalate	14.24	163	1151515	40.90	nq	97
50) 2,6-Dinitrotoluene	14.37	165	266899	42.18	nq	# 80
51) Acenaphthene	14.86	154	846035	41.14	nq	97
52) 3-Nitroaniline	14.70	138	152818	24.22	nq	95
53) 2,4-Dinitrophenol	14.91	184	300741	69.27	nq	95
54) Dibenzofuran	15.20	168	1364872	44.34	nq	98
55) 4-Nitrophenol	15.02	139	435370	82.32	nq	90
56) 2,4-Dinitrotoluene	15.15	165	403397	43.73	nq	96
57) Fluorene	15.85	166	1129874	42.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	394639	44.99	nq	99
59) Diethylphthalate	15.60	149	1221810	42.65	nq	97
60) 4-Chlorophenyl-phenylether	15.83	204	664567	41.19	nq	97
61) 4-Nitroaniline	15.87	138	264001	38.67	nq	# 85
62) Azobenzene	16.13	77	1300754	47.47	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	247374	37.46	nq	97
65) n-Nitrosodiphenylamine	16.05	169	1076432	42.05	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	463057	40.05	nq	95
67) Hexachlorobenzene	16.85	284	498988	39.70	nq	98
68) Atrazine	17.00	200	472668	41.62	nq	98
69) Pentachlorophenol	17.20	266	647858	79.59	nq	98
70) Phenanthrene	17.60	178	1882192	43.22	nq	98
71) Anthracene	17.69	178	1902355	43.14	nq	98
72) Carbazole	17.96	167	1655986	43.46	nq	99
73) Di-n-butylphthalate	18.50	149	1977126	46.66	nq	98
74) Fluoranthene	19.60	202	2240245	41.92	nq	98
76) Benzidine	19.78	184	1019898	36.41	nq	99
77) Pyrene	19.97	202	2236493	40.74	nq	98
79) Butylbenzylphthalate	20.84	149	955766	43.95	nq	96
80) Benzo(a)anthracene	21.83	228	2312662	42.31	nq	99
81) 3,3'-Dichlorobenzidine	21.74	252	570539	23.78	nq	95
82) Chrysene	21.90	228	2189440	42.70	nq	96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1300932	43.08	nq	97
84) Di-n-octyl phthalate	22.96	149	2154323	42.78	nq	98
85) Indeno(1,2,3-cd)pyrene	29.06	276	2792863	42.72	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	2528713	43.24	nq	98
88) Benzo(k)fluoranthene	24.21	252	2328117	41.95	nq	# 97
89) Benzo(a)pyrene	25.05	252	2394190	42.71	nq	# 99
90) Dibenzo(a,h)anthracene	29.11	278	2326608	41.82	nq	# 96
91) Benzo(g,h,i)perylene	30.26	276	2308196	41.42	nq	# 98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

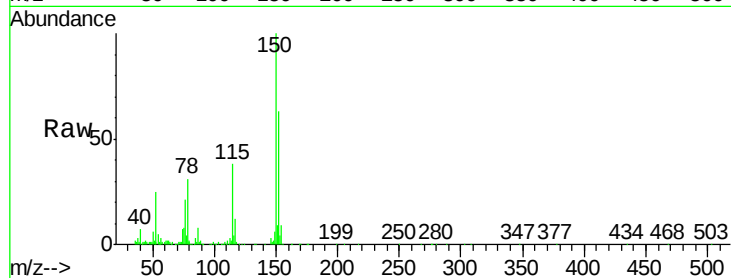
Tot Ion:152 Resp: 100549

Ion Ratio Lower Upper

152 100

150 157.8 144.7 217.1

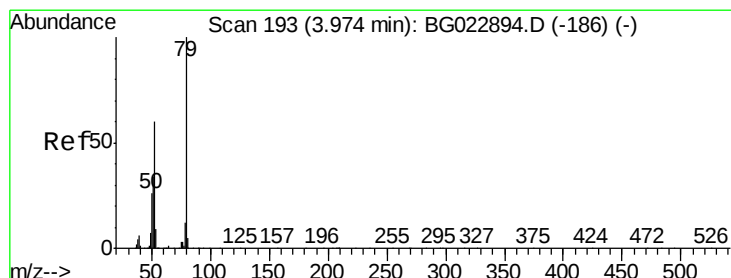
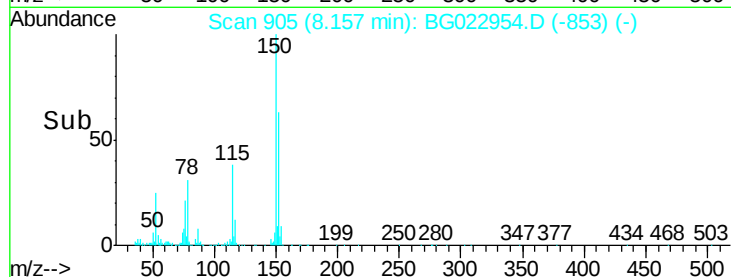
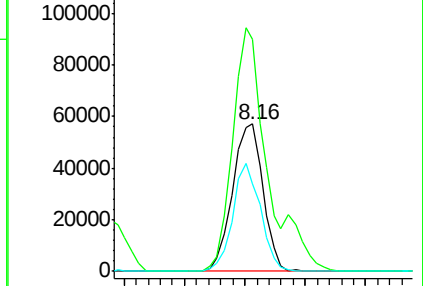
115 59.4 64.0 96.0#



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



#3

Pyridine

Concen: 32.86 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

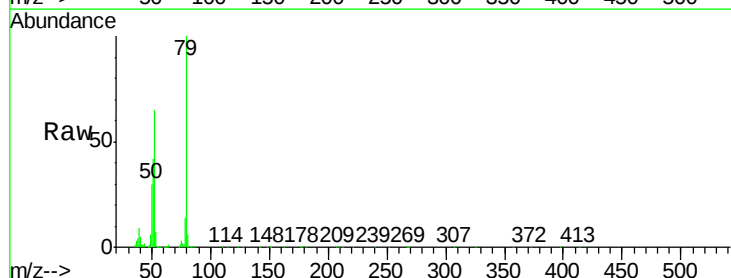
Tgt Ion: 79 Resp: 268703

Ion Ratio Lower Upper

79 100

52 65.3 51.8 77.8

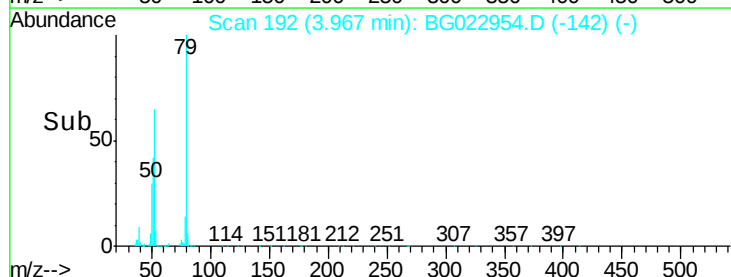
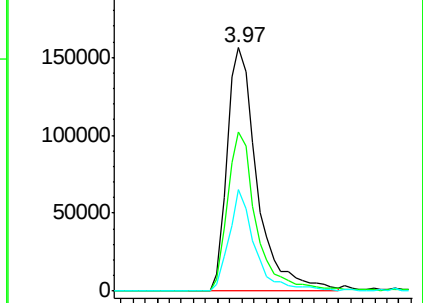
51 41.5 32.7 49.1

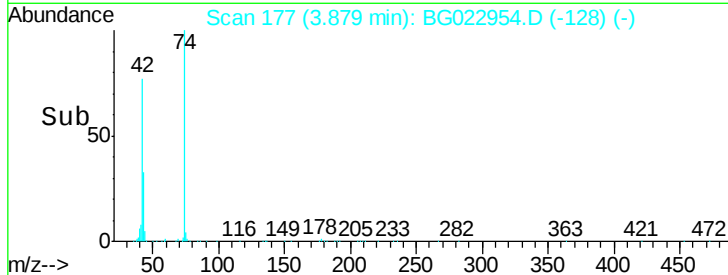
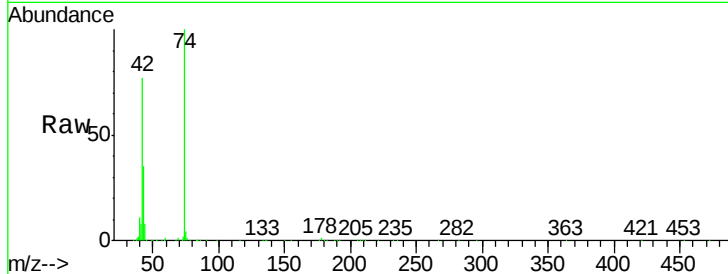
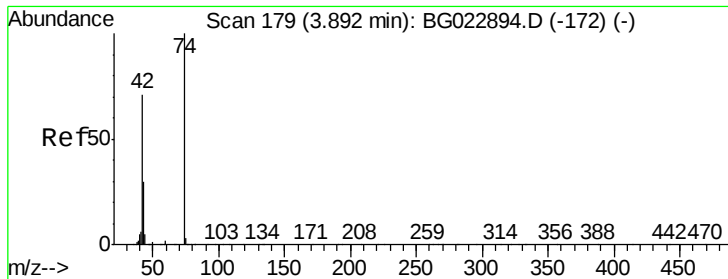


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#4

n-Nitrosodimethylamine

Concen: 38.38 ng

RT: 3.88 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

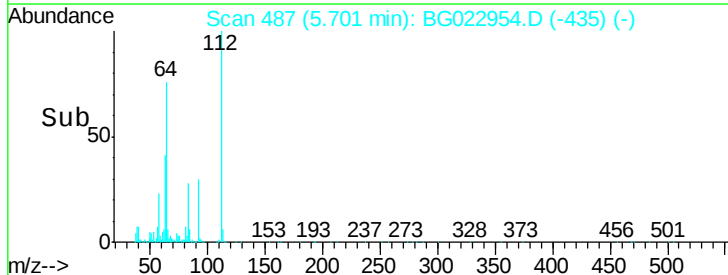
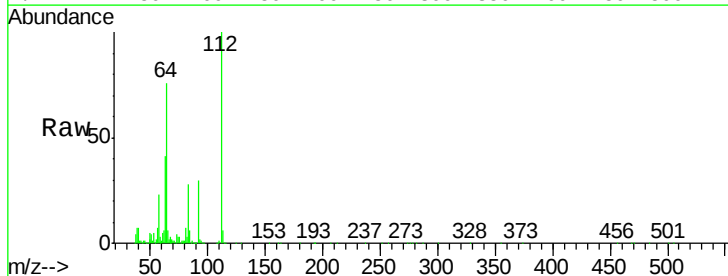
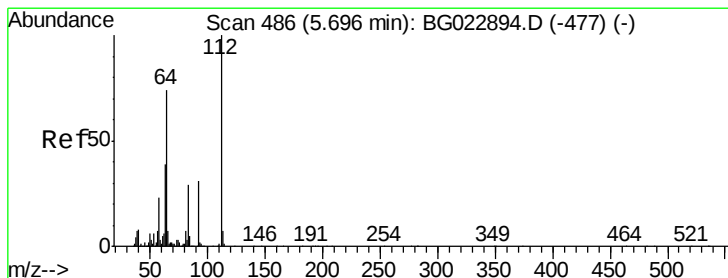
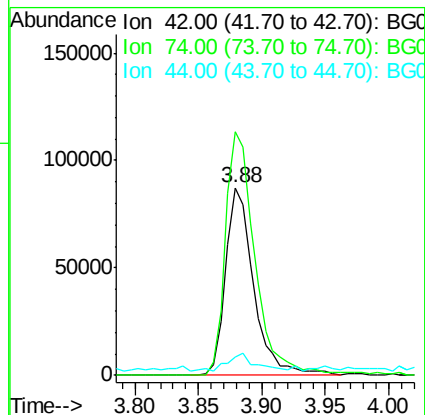
Tot Ion: 42 Resp: 134661

Ion Ratio Lower Upper

42 100

74 129.9 100.6 150.8

44 9.9 4.5 6.7#



#5

2-Fluorophenol

Concen: 142.11 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

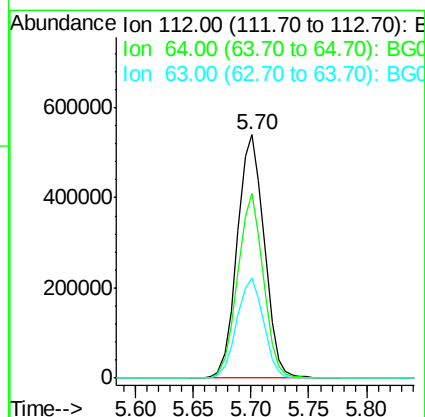
Tgt Ion: 112 Resp: 873690

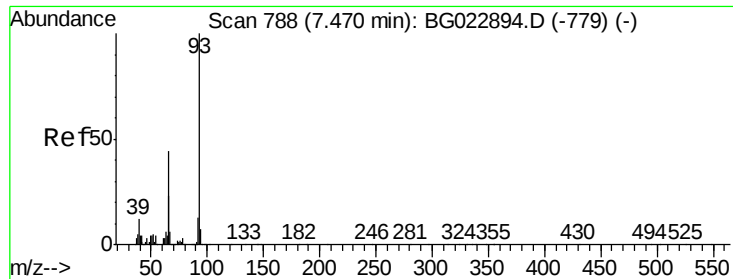
Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

63 41.0 37.8 56.8





#6

Aniline

Concen: 26.23 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

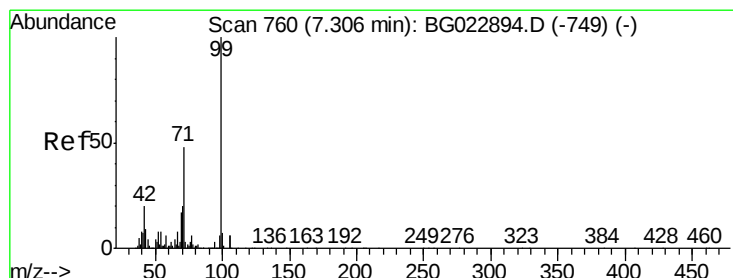
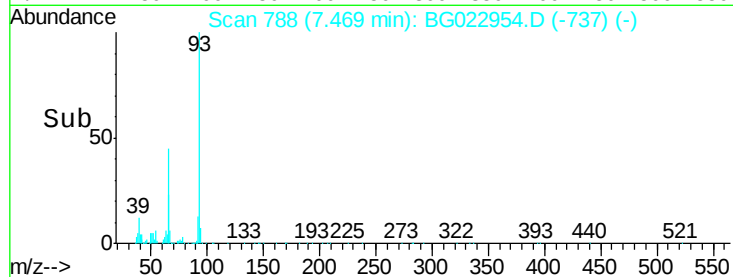
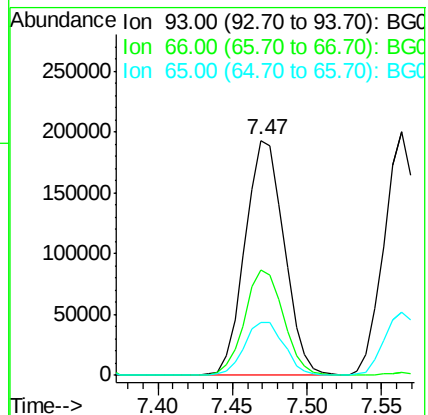
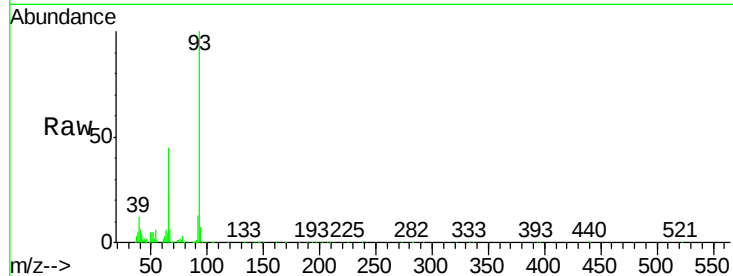
Tot Ion: 93 Resp: 350027

Ion Ratio Lower Upper

93 100

66 44.9 37.5 56.3

65 22.7 17.9 26.9



#7

Phenol-d6

Concen: 137.64 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

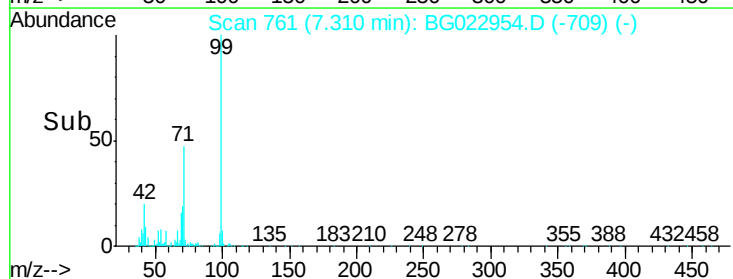
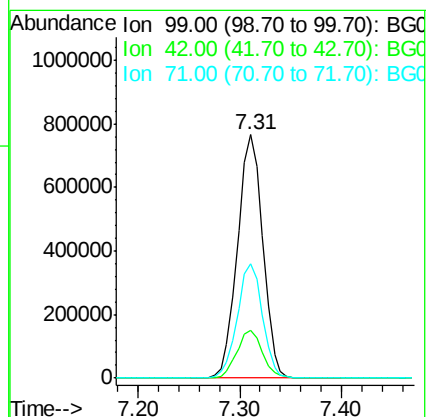
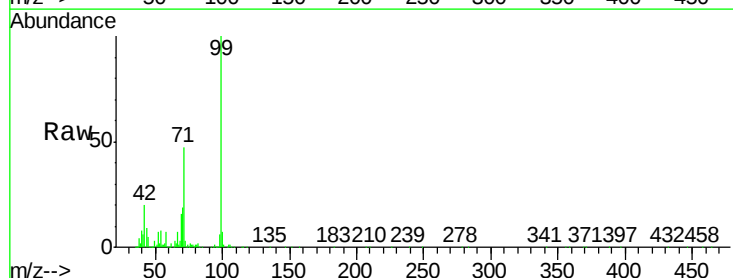
Tgt Ion: 99 Resp: 1325370

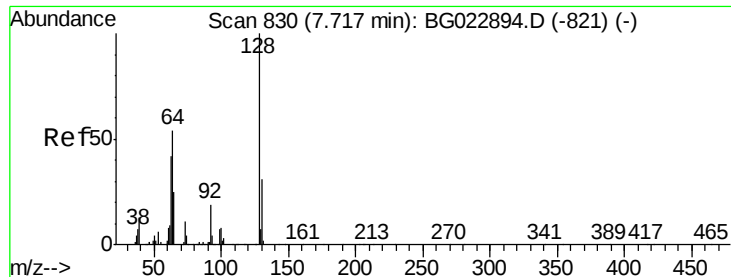
Ion Ratio Lower Upper

99 100

42 19.9 17.8 26.6

71 47.0 41.5 62.3





#8

2-Chlorophenol

Concen: 45.07 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

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ClientSampleId :

PB91977BSD

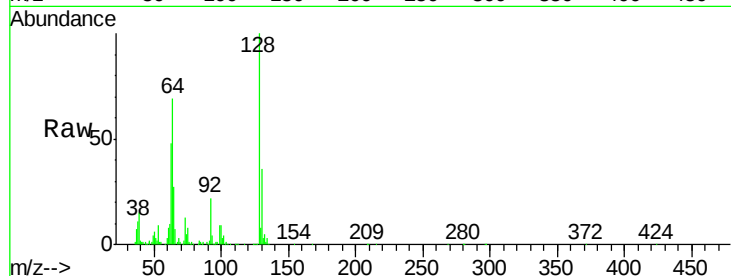
Tot Ion:128 Resp: 294869

Ion Ratio Lower Upper

128 100

130 35.7 12.9 52.9

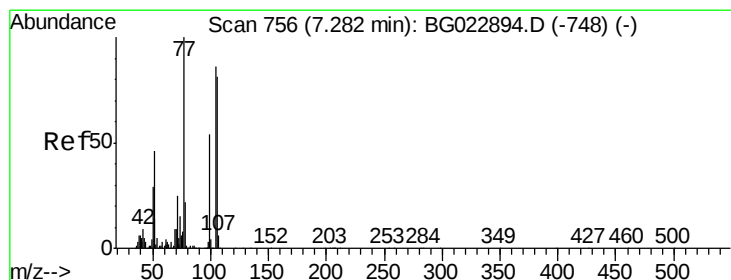
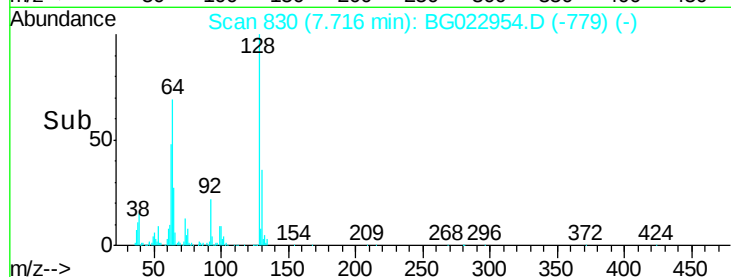
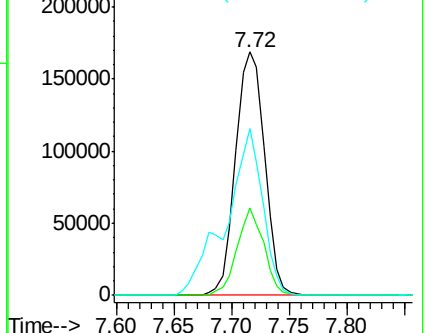
64 68.6 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 35.83 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

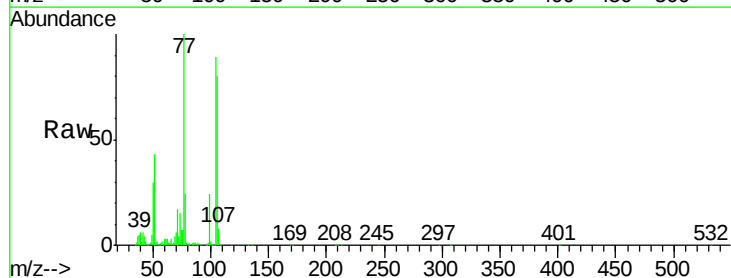
Tgt Ion: 77 Resp: 230541

Ion Ratio Lower Upper

77 100

105 89.0 58.7 98.7

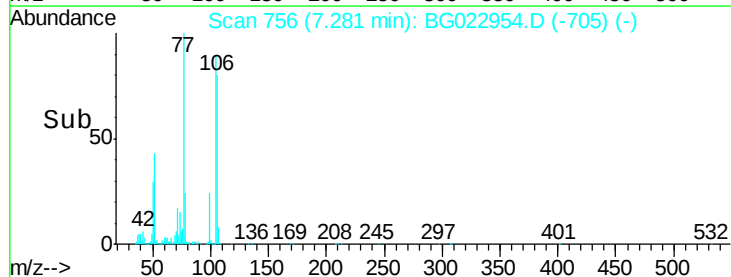
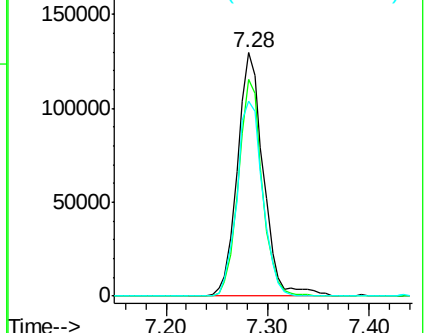
106 80.1 67.5 107.5

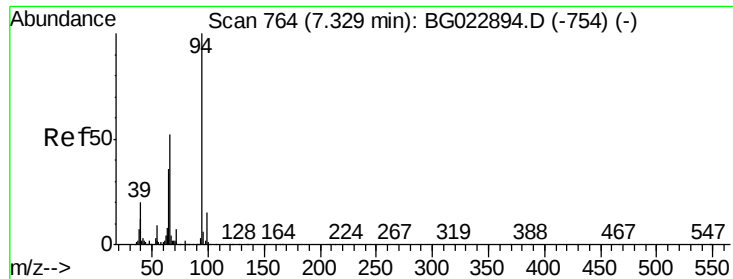


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 45.95 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

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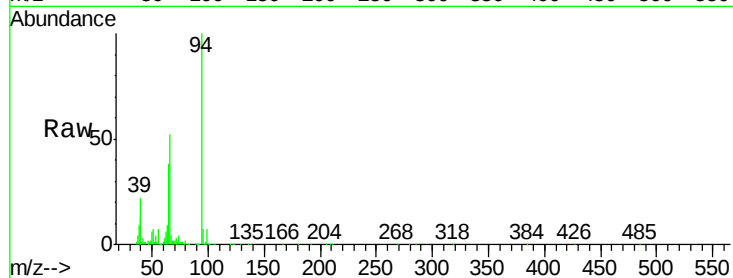
Tot Ion: 94 Resp: 455256

Ion Ratio Lower Upper

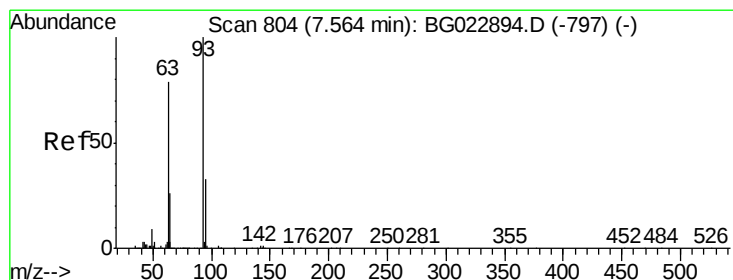
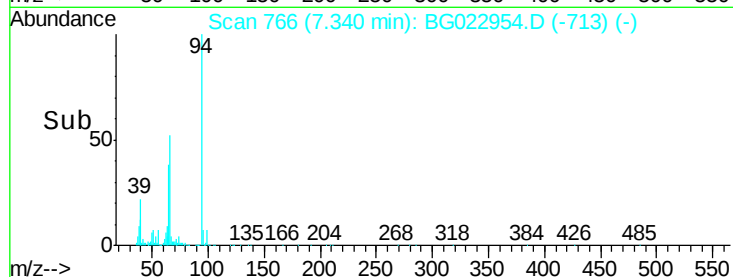
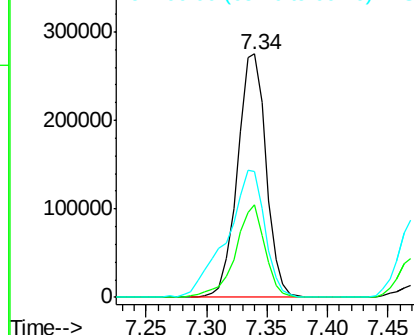
94 100

65 37.9 18.1 58.1

66 51.6 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 40.55 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

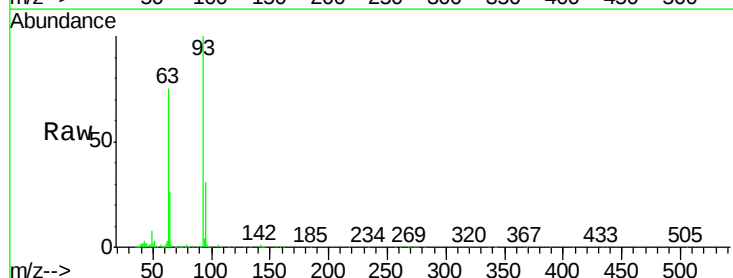
Tgt Ion: 93 Resp: 318430

Ion Ratio Lower Upper

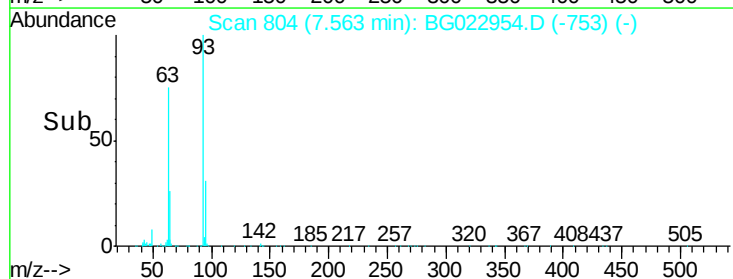
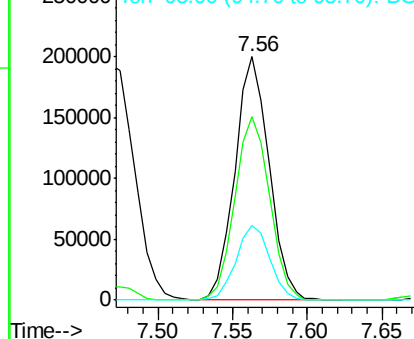
93 100

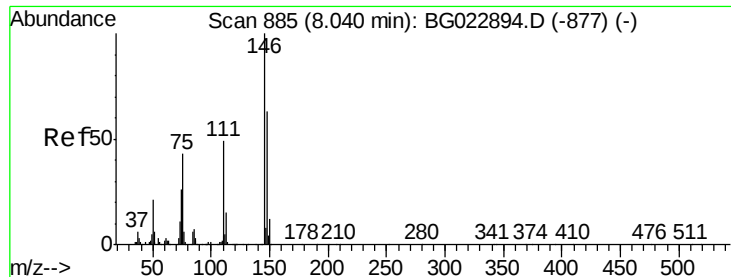
63 75.3 55.0 95.0

95 30.5 11.0 51.0



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





#12

1,3-Dichlorobenzene

Concen: 38.64 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

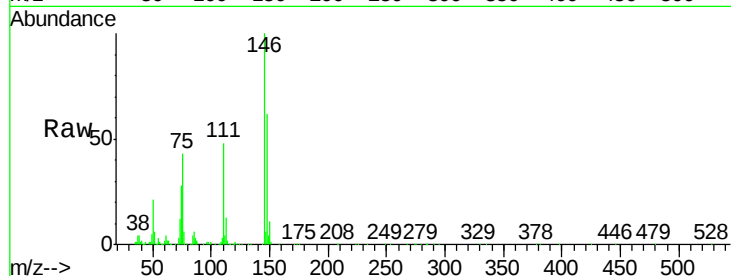
Tot Ion:146 Resp: 309442

Ion Ratio Lower Upper

146 100

148 62.0 50.3 75.5

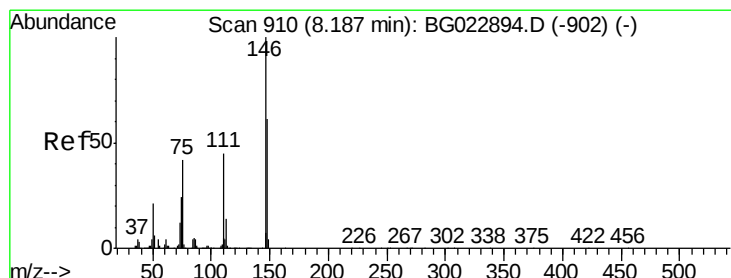
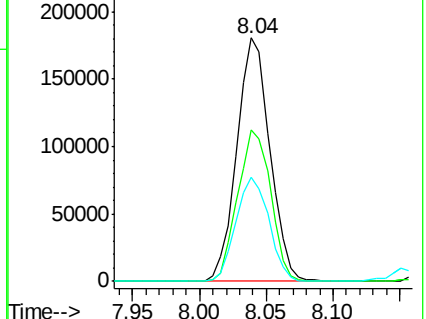
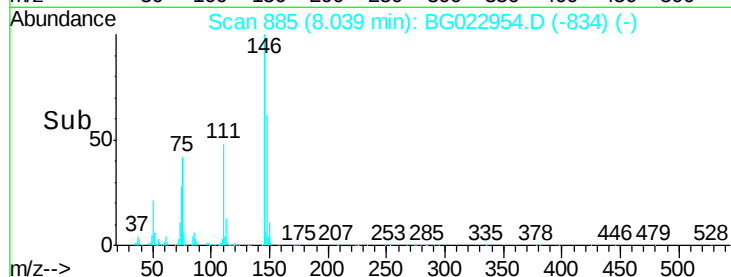
75 43.0 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 39.08 ng

RT: 8.19 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

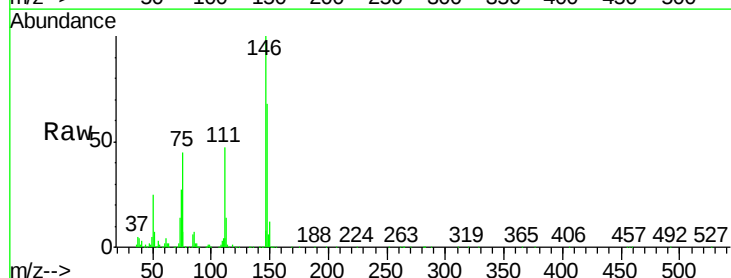
Tgt Ion:146 Resp: 313336

Ion Ratio Lower Upper

146 100

148 68.3 54.5 81.7

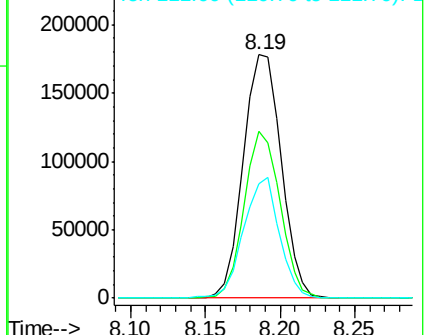
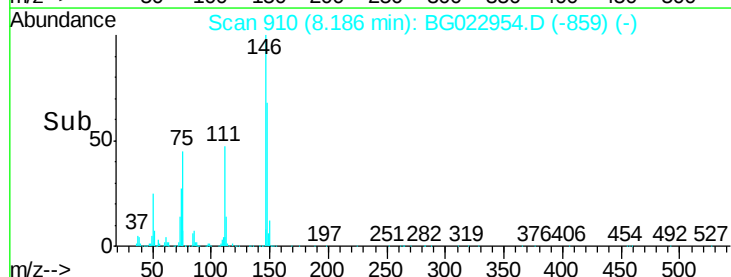
111 47.0 37.8 56.8

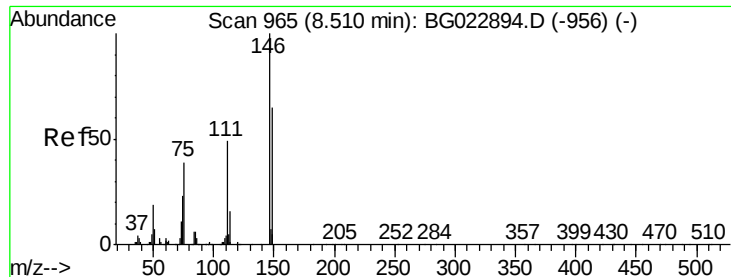


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 38.07 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

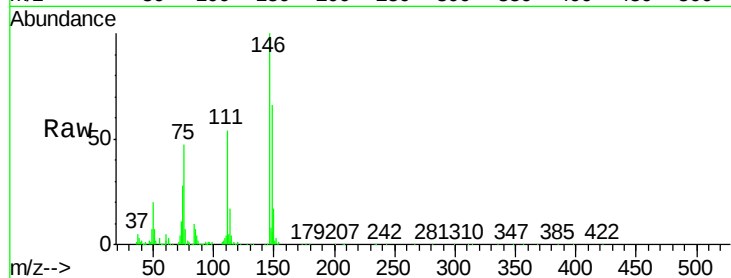
Tot Ion:146 Resp: 303452

Ion Ratio Lower Upper

146 100

148 65.8 52.9 79.3

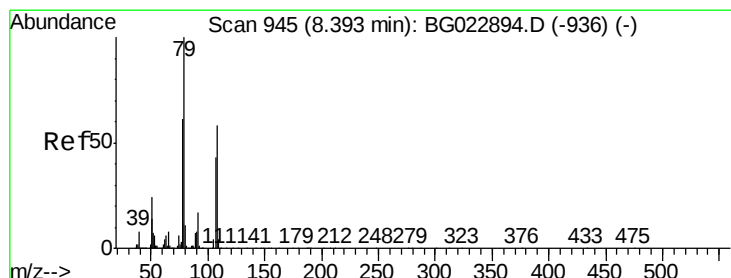
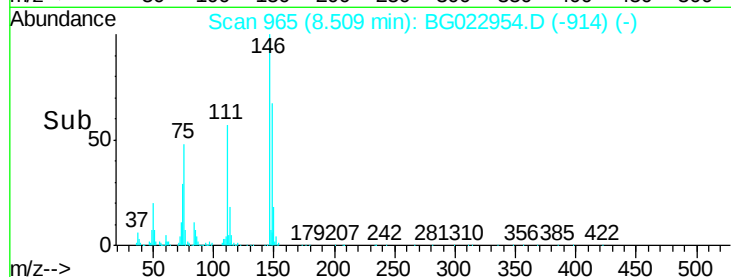
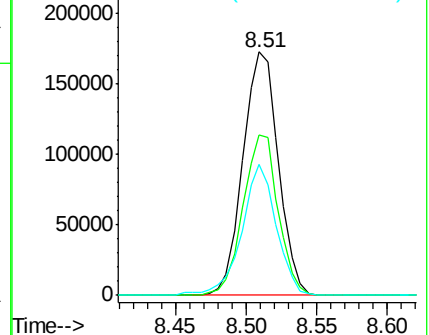
111 53.7 43.5 65.3



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: 46.16 ng

RT: 8.39 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

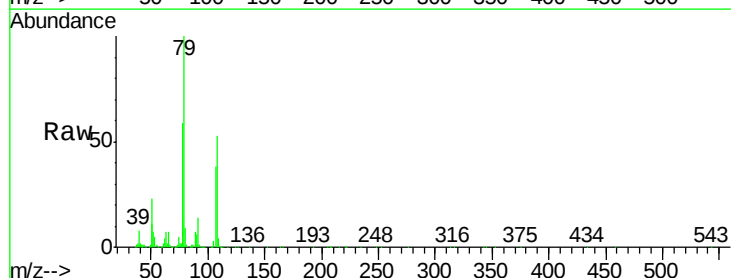
Tgt Ion: 79 Resp: 407075

Ion Ratio Lower Upper

79 100

108 52.8 46.5 69.7

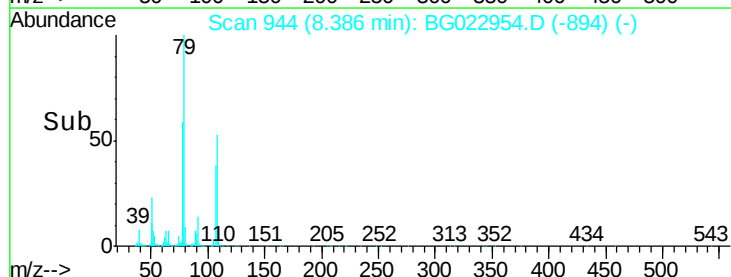
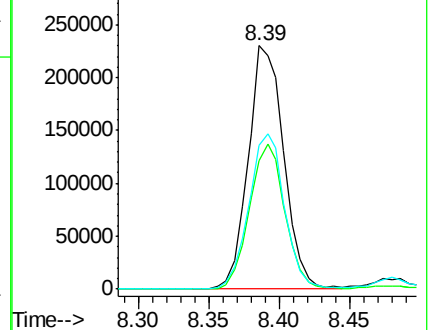
77 59.1 52.3 78.5

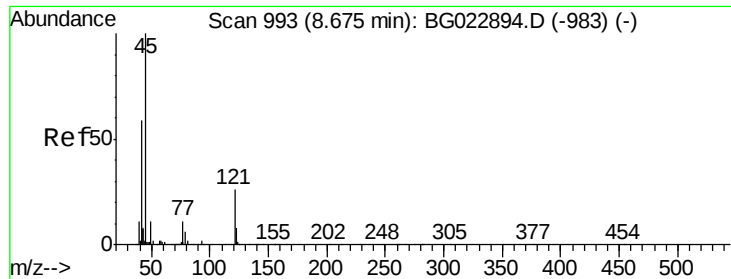


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

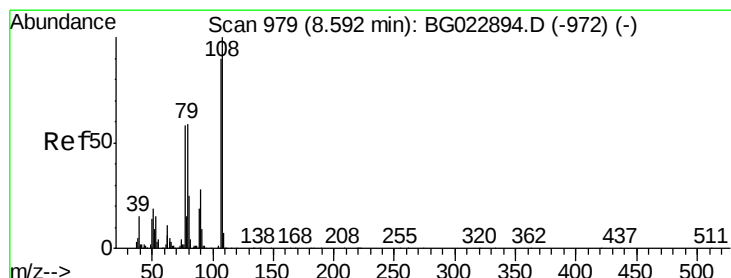
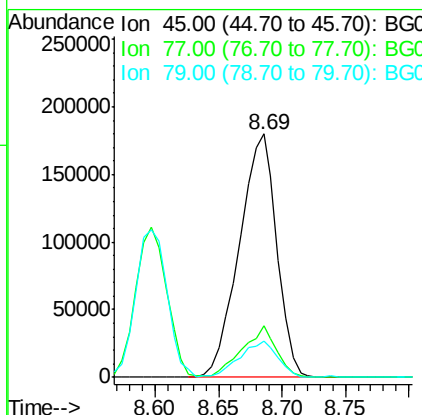
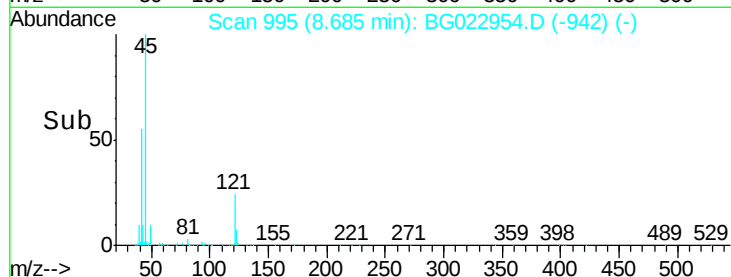
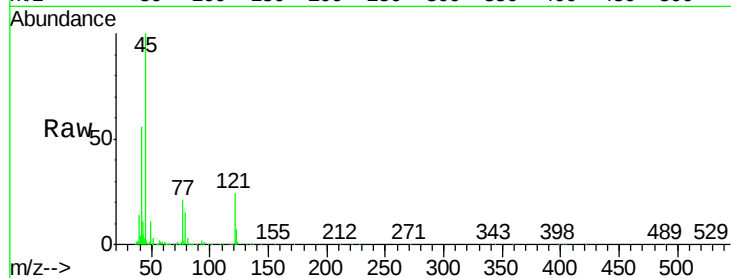




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.38 ng
RT: 8.69 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

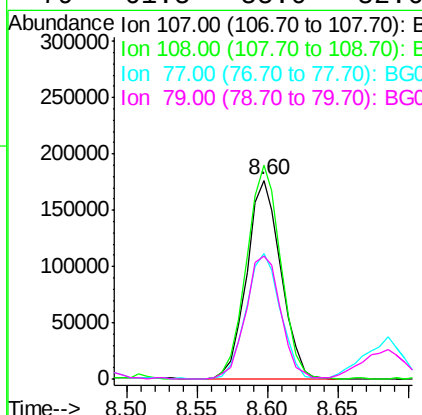
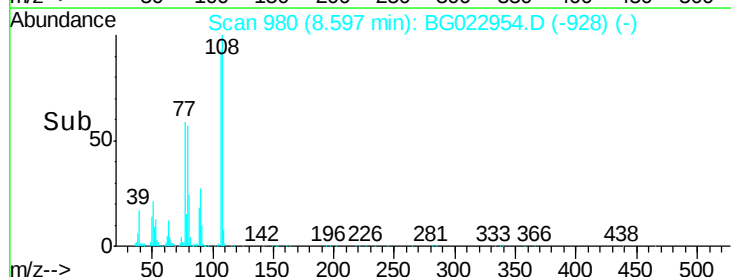
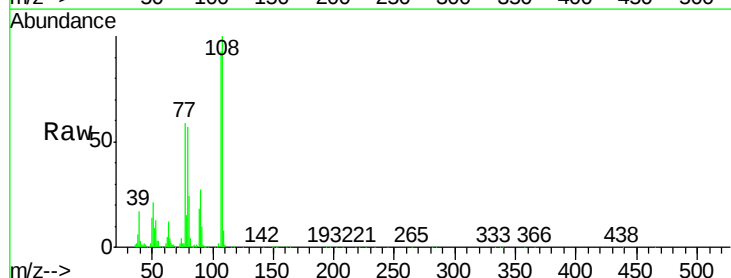
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

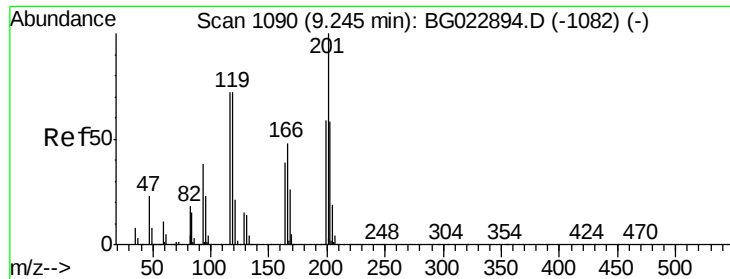
Tot Ion	Ratio	Lower	Upper
45	100		
77	21.0	0.6	40.6
79	14.7	0.0	36.2



#17
2-Methylphenol
Concen: 46.20 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.3	92.0	138.0
77	62.9	55.8	83.6
79	61.5	55.0	82.6

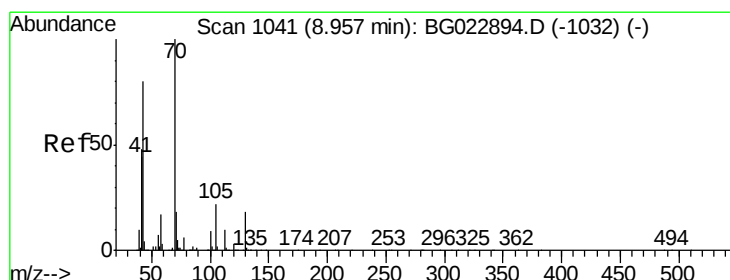
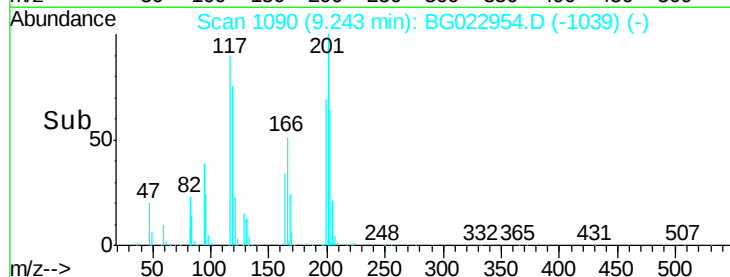
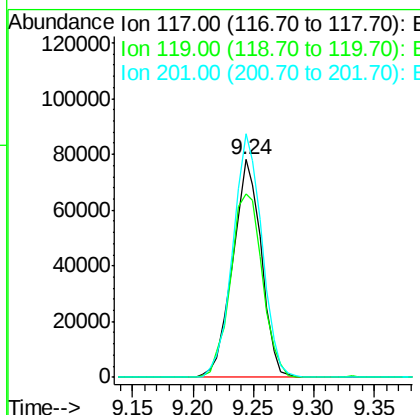
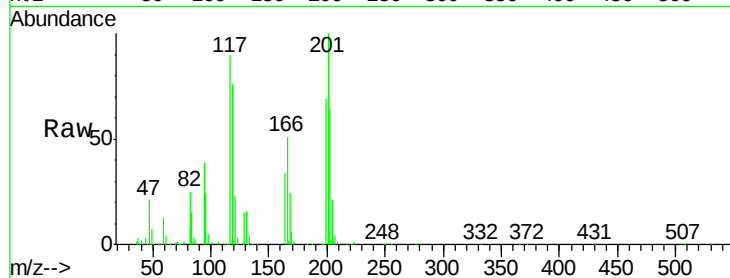




#18
Hexachloroethane
Concen: 38.14 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

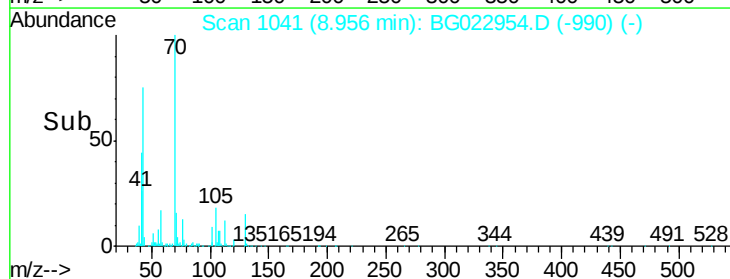
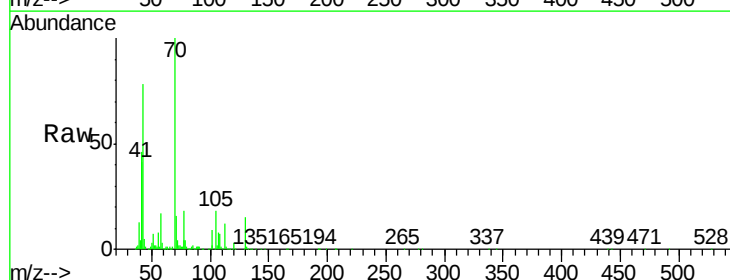
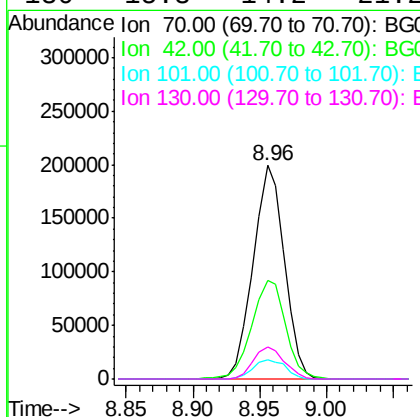
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

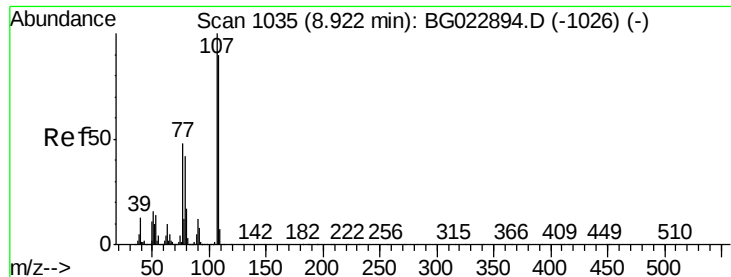
Tot Ion	Ratio	Lower	Upper
117	100		
119	84.4	73.7	110.5
201	111.7	88.7	133.1



#19
n-Nitroso-di-n-propylamine
Concen: 36.87 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.3	42.1	63.1
101	8.8	7.2	10.8
130	15.3	14.2	21.2





#20

3+4-Methylphenols

Concen: 45.82 ng

RT: 8.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:107 Resp: 412124

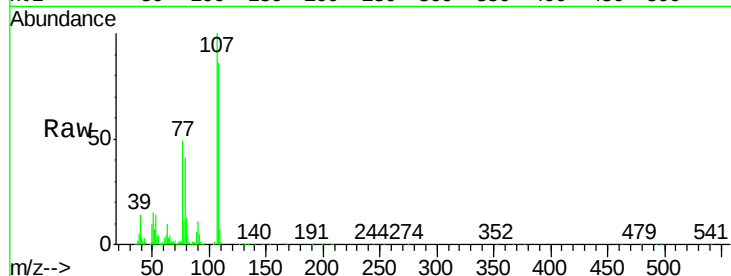
Ion Ratio Lower Upper

107 100

108 86.3 72.5 112.5

77 49.3 30.1 70.1

79 40.9 24.2 64.2

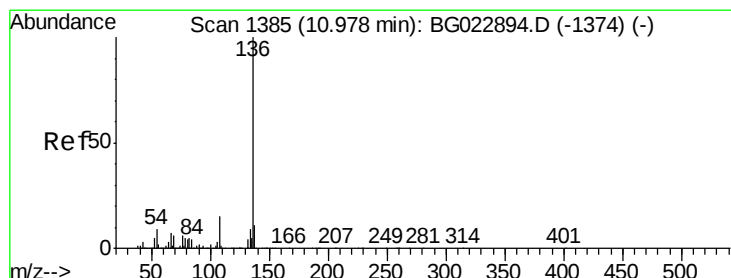
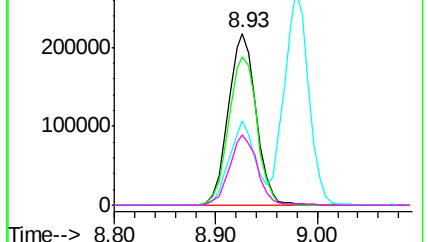
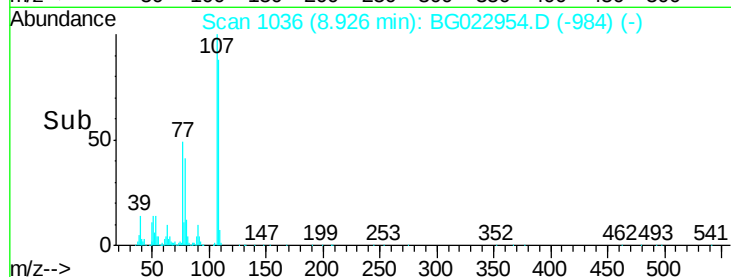


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:136 Resp: 445708

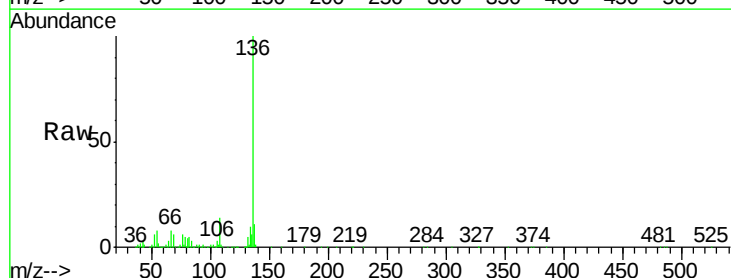
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 7.8 7.3 10.9

68 6.3 5.3 7.9

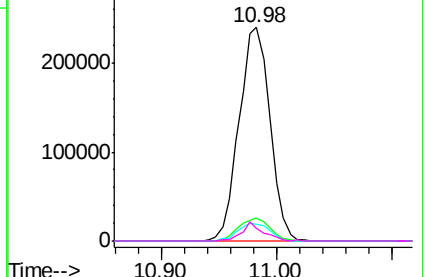
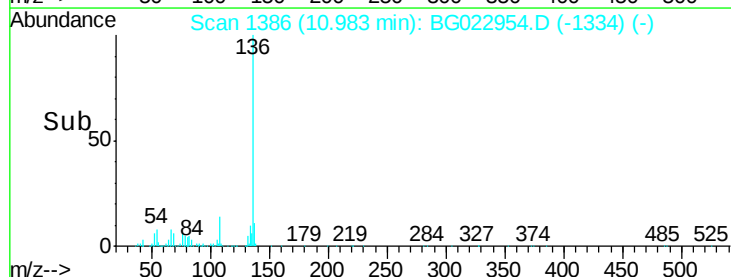


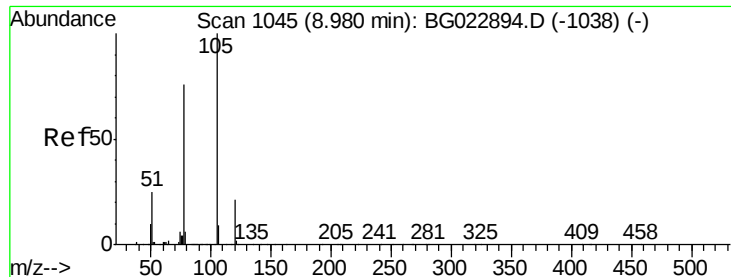
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 38.31 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:105 Resp: 512414

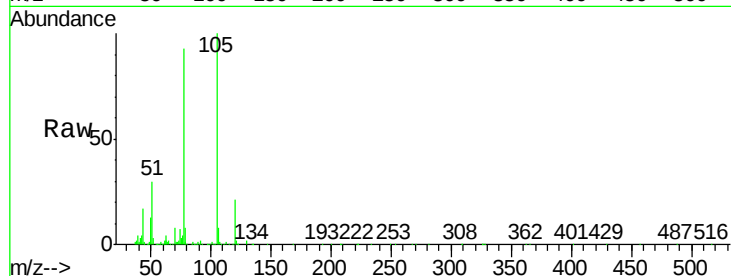
Ion Ratio Lower Upper

105 100

71 1.2 2.6 3.8#

51 29.5 27.1 40.7

120 21.0 15.1 22.7

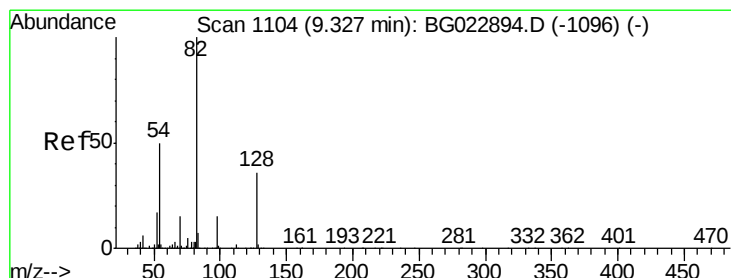
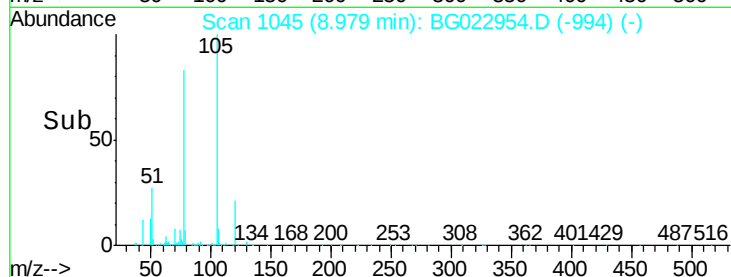
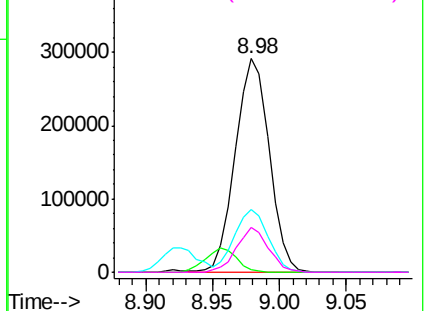


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.90 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

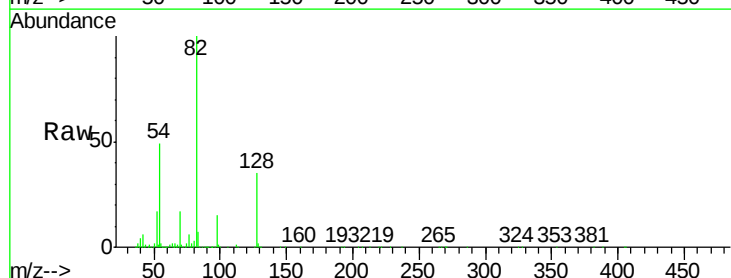
Tgt Ion: 82 Resp: 904546

Ion Ratio Lower Upper

82 100

128 35.0 24.4 36.6

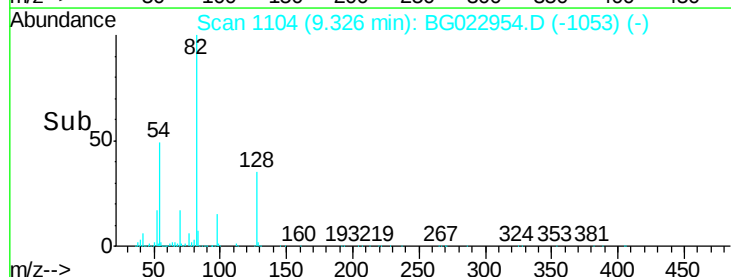
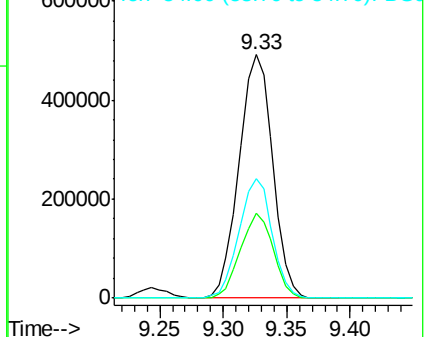
54 49.1 41.4 62.0

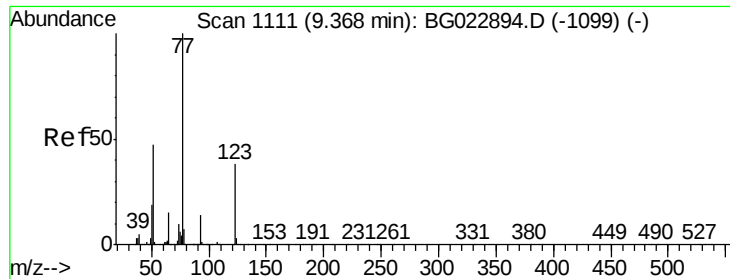


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

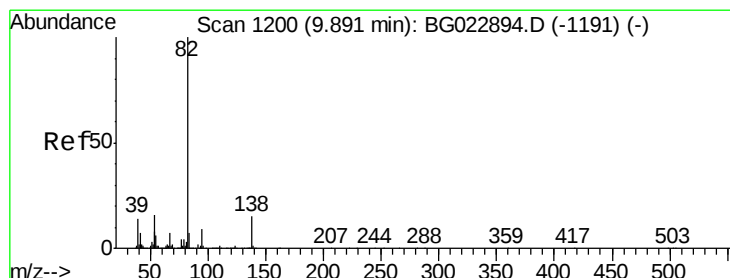
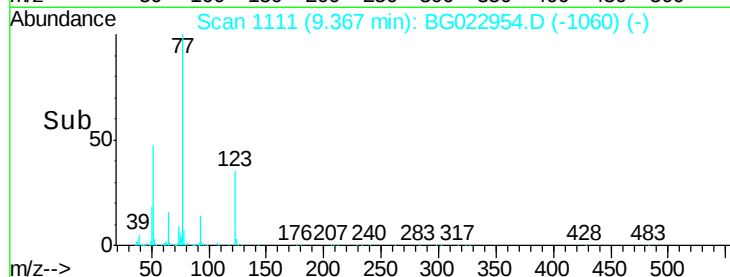
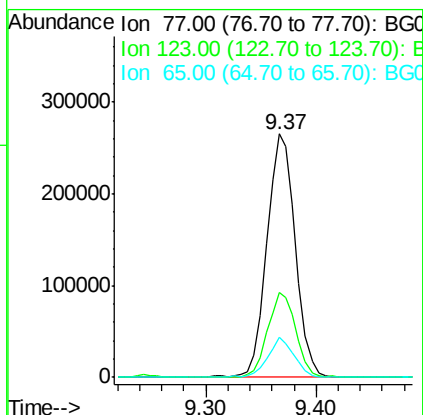
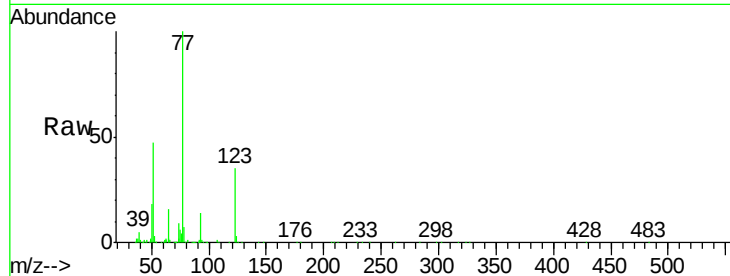




#24
Nitrobenzene
Concen: 42.96 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

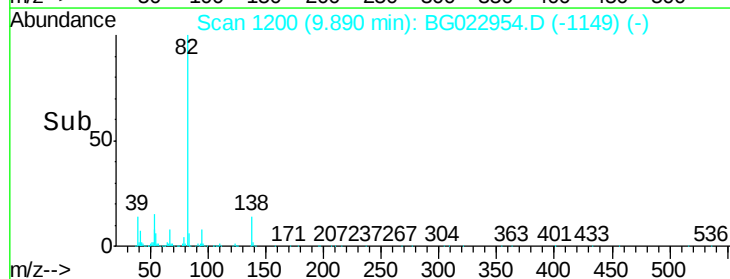
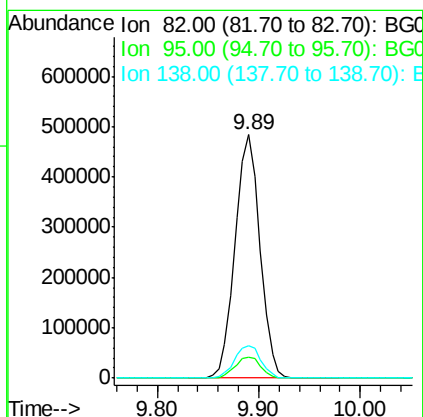
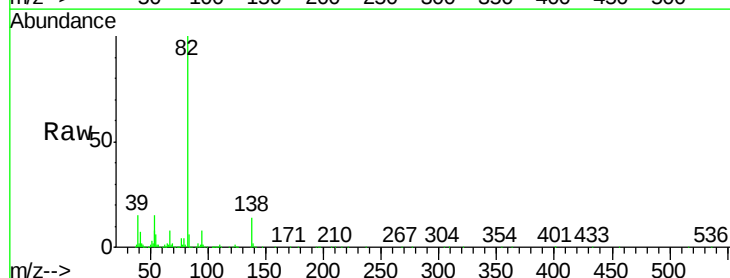
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

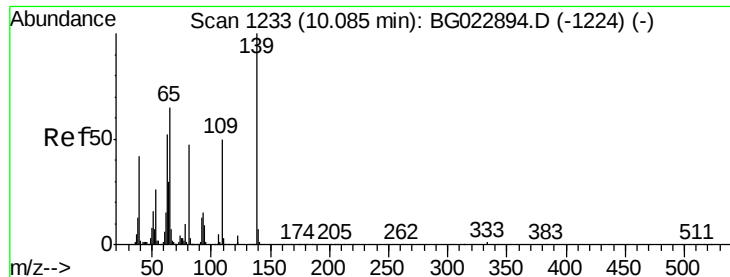
Tot Ion	Ratio	Lower	Upper
77	100		
123	34.8	25.0	37.6
65	16.3	13.4	20.0



#25
Isophorone
Concen: 39.42 ng
RT: 9.89 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.4	8.2	12.2
138	13.6	10.7	16.1

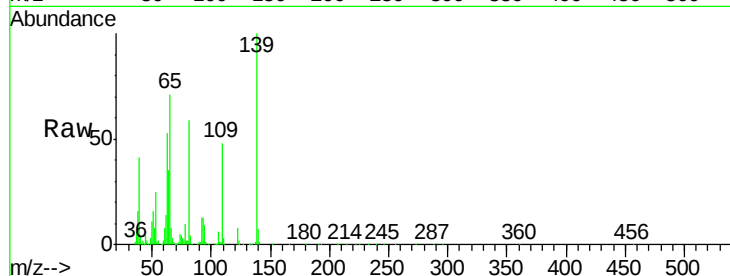




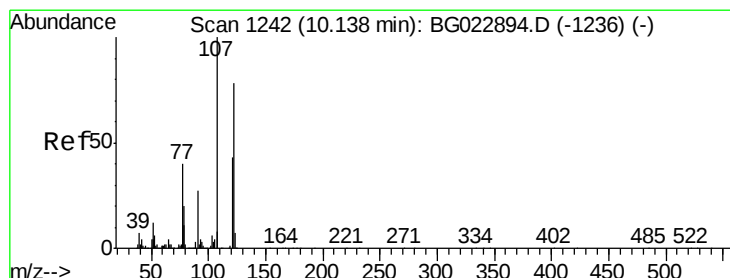
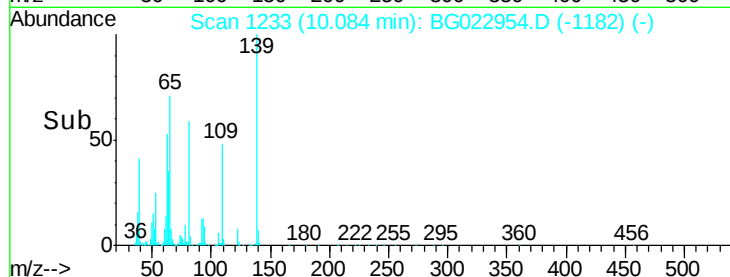
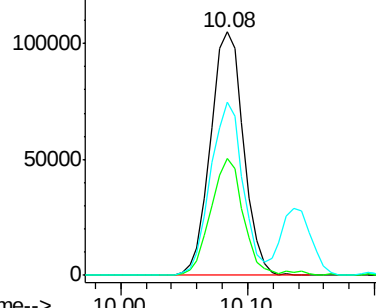
#26
2-Nitrophenol
Concen: 43.70 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Instrument :
BNA_G
ClientSampleId :
PB91977BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	47.8	43.5	65.3
65	71.2	64.3	96.5

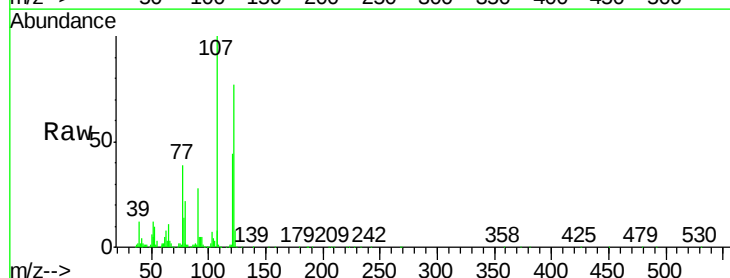


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

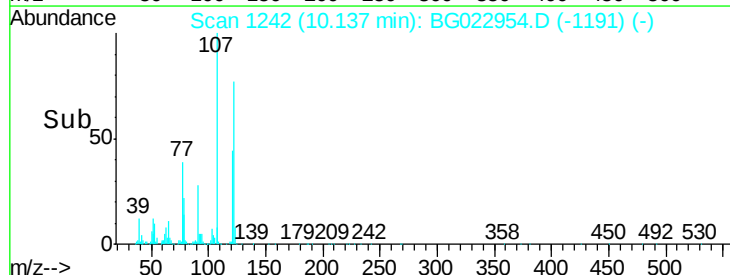
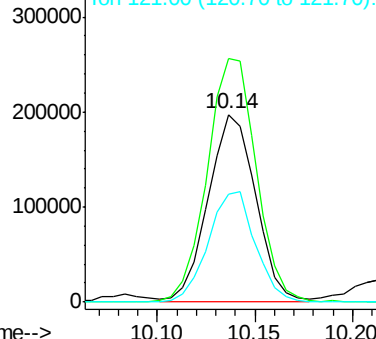


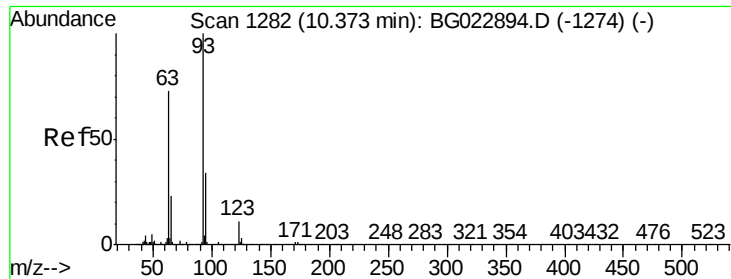
#27
2,4-Dimethylphenol
Concen: 44.22 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.6	117.0	175.4
121	57.3	50.1	75.1



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

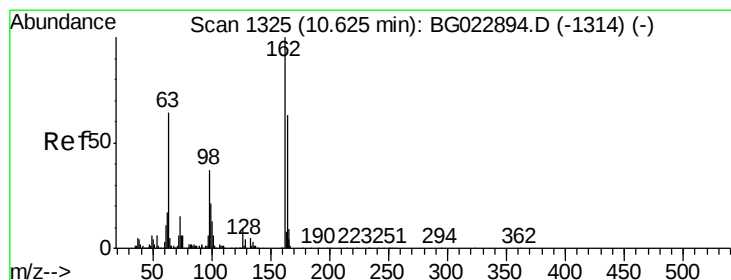
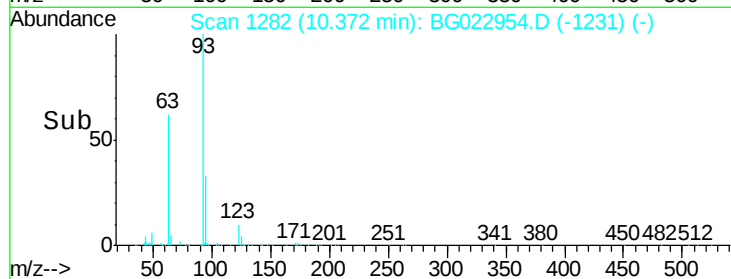
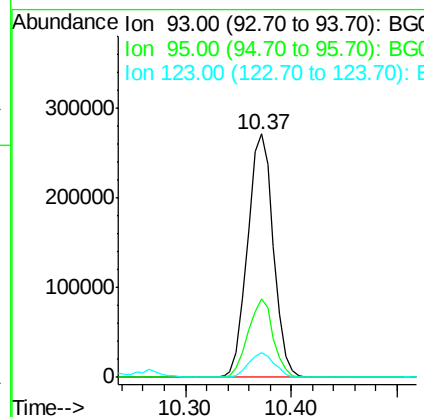
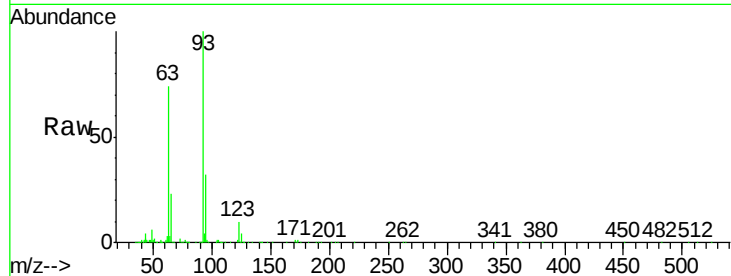




#28
bis(2-Chloroethoxy)methane
Concen: 39.27 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

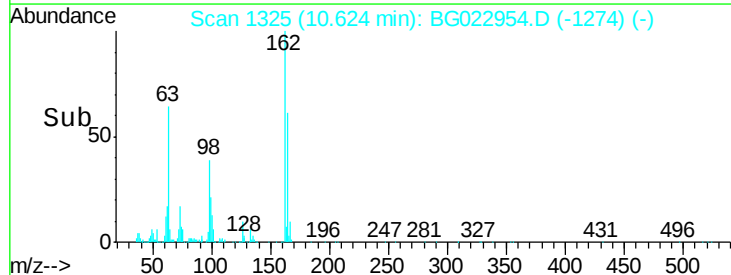
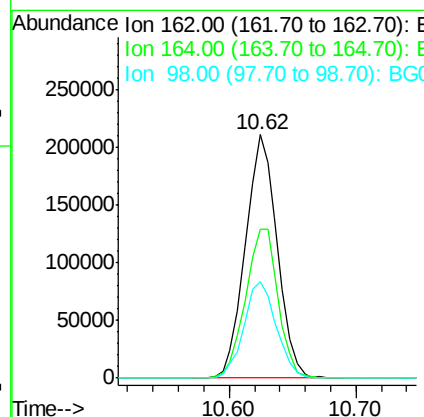
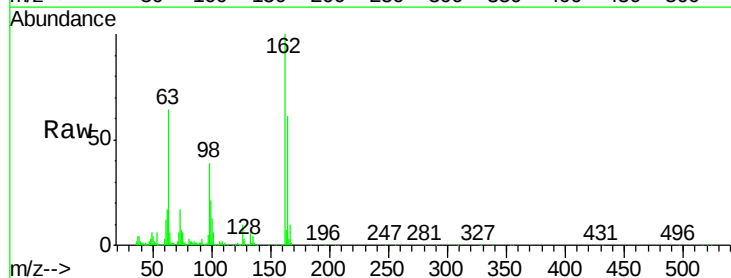
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

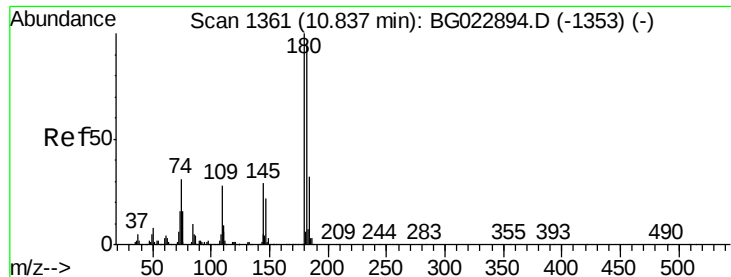
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	10.4	8.2	12.2



#29
2,4-Dichlorophenol
Concen: 45.80 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.1	44.3	84.3
98	39.5	19.5	59.5

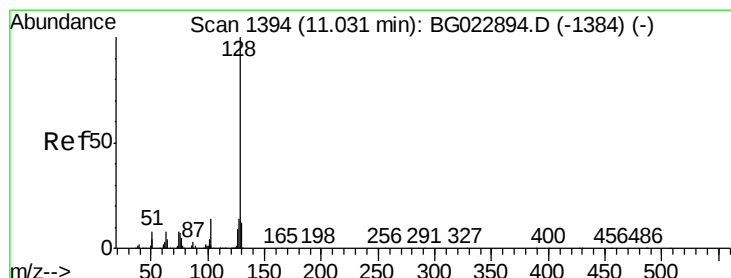
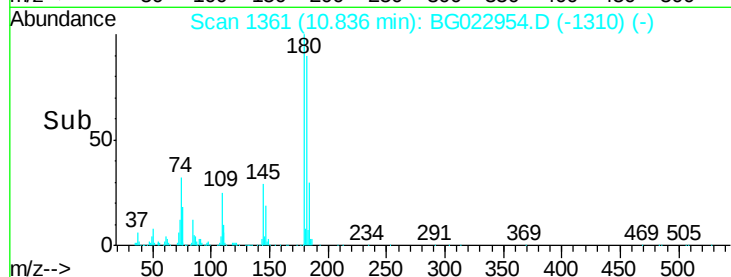
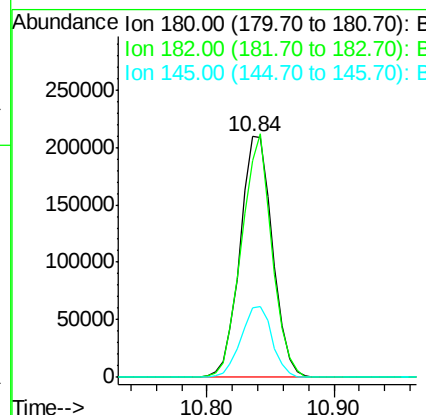
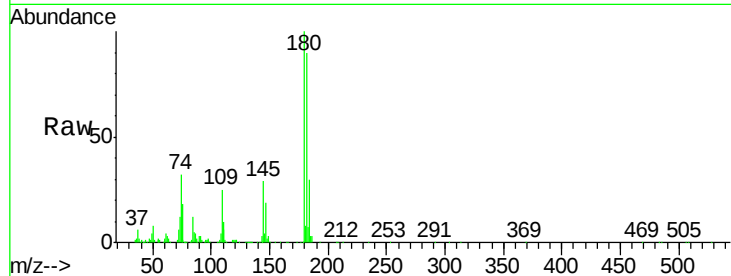




#30
 1,2,4-Trichlorobenzene
 Concen: 40.25 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BG022954.D
 Acq: 9 Jul 2016 6:46

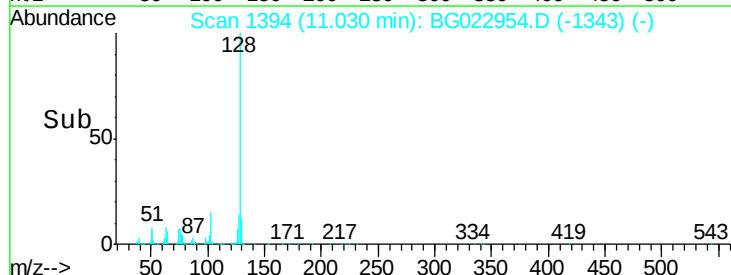
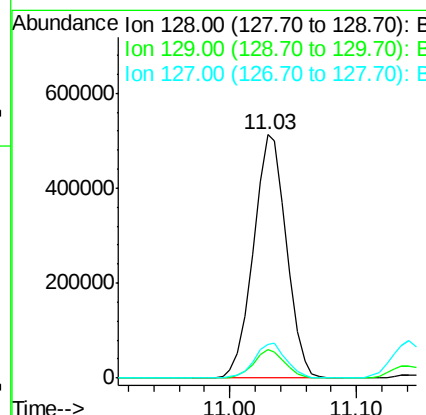
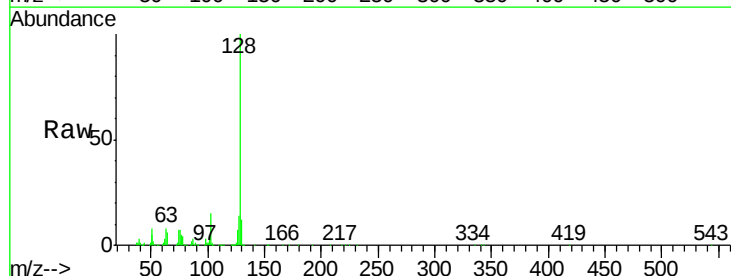
Instrument :
 BNA_G
 ClientSampleId :
 PB91977BSD

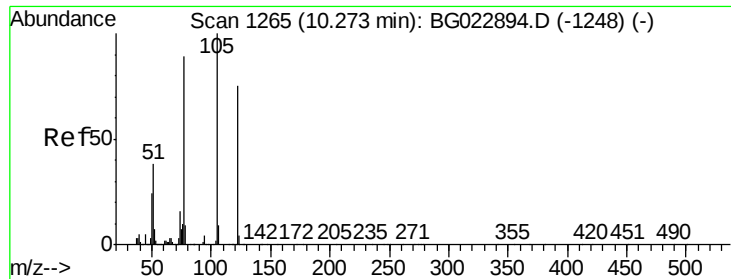
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.1	73.8	110.8
145	28.9	24.4	36.6



#31
 Naphthalene
 Concen: 40.76 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG022954.D
 Acq: 9 Jul 2016 6:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	14.0	11.3	16.9





#32

Benzoic acid

Concen: 34.10 ng

RT: 10.27 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

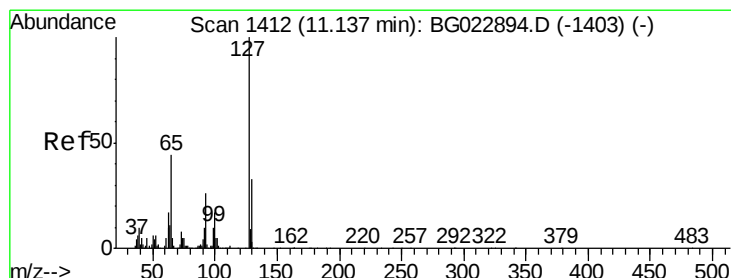
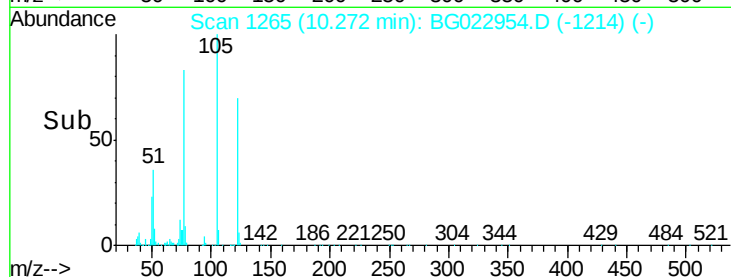
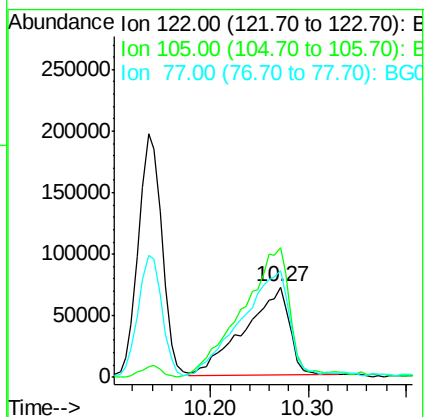
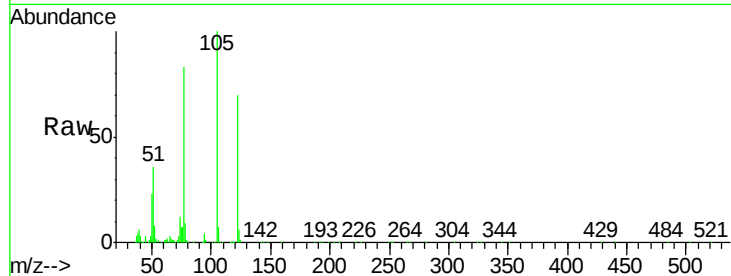
Tot Ion:122 Resp: 232729

Ion Ratio Lower Upper

122 100

105 143.2 117.2 157.2

77 118.5 109.2 149.2



#33

4-Chloroaniline

Concen: 13.12 ng

RT: 11.14 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:127 Resp: 145621

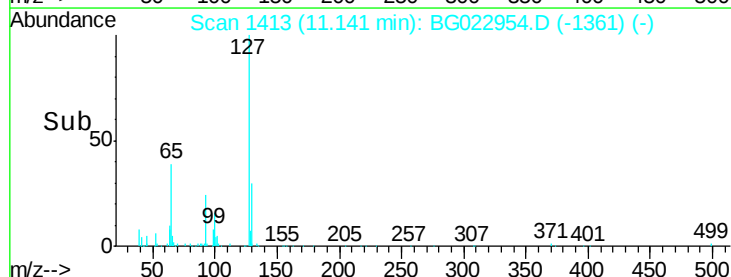
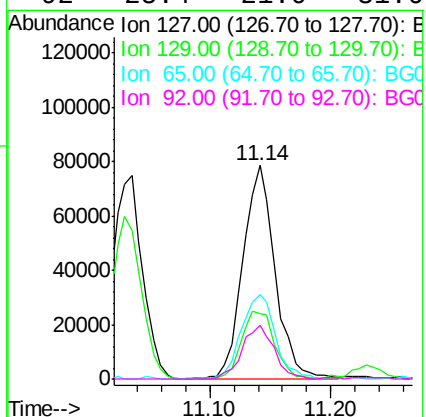
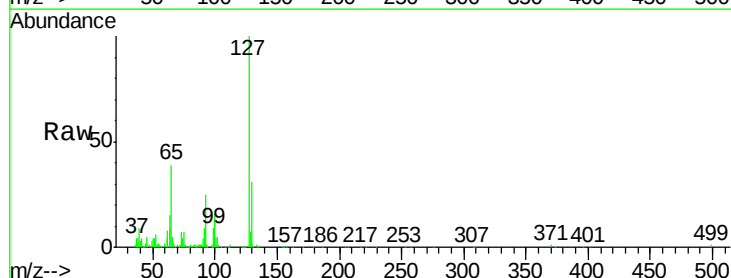
Ion Ratio Lower Upper

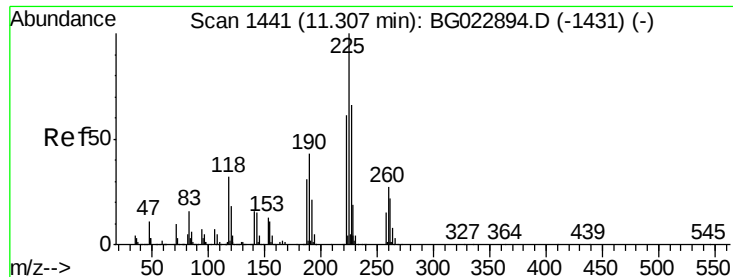
127 100

129 30.7 27.9 41.9

65 39.4 36.8 55.2

92 25.4 21.0 31.6





#34

Hexachlorobutadiene

Concen: 37.24 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

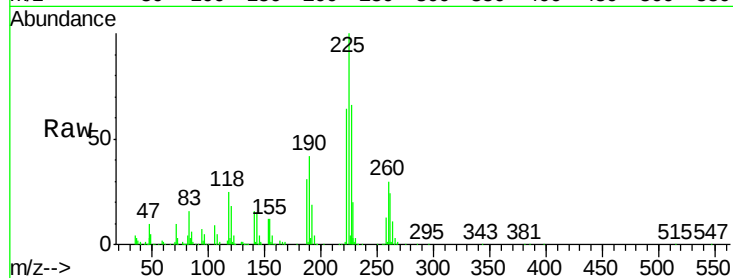
Tot Ion:225 Resp: 276815

Ion Ratio Lower Upper

225 100

223 64.0 49.6 74.4

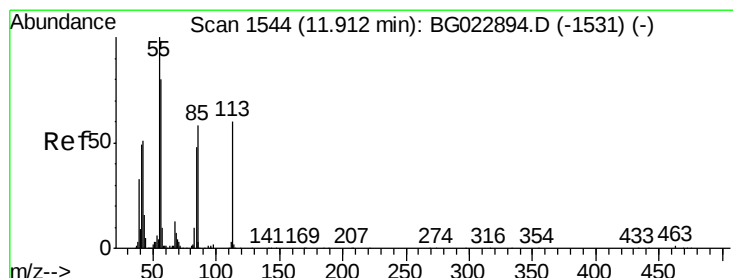
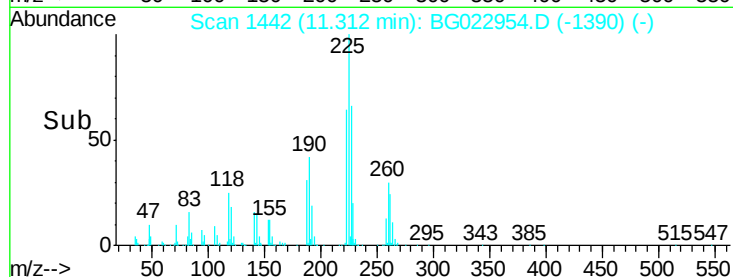
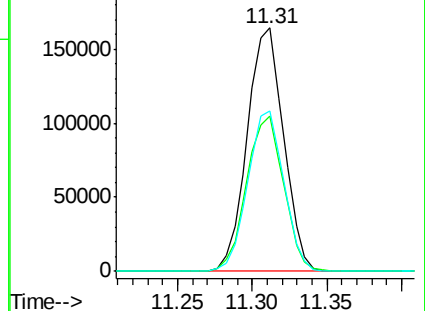
227 66.1 54.5 81.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 39.24 ng m

RT: 11.91 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

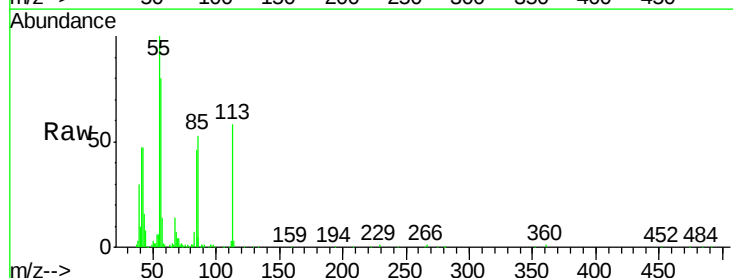
Tgt Ion:113 Resp: 129177

Ion Ratio Lower Upper

113 100

55 171.6 154.5 194.5

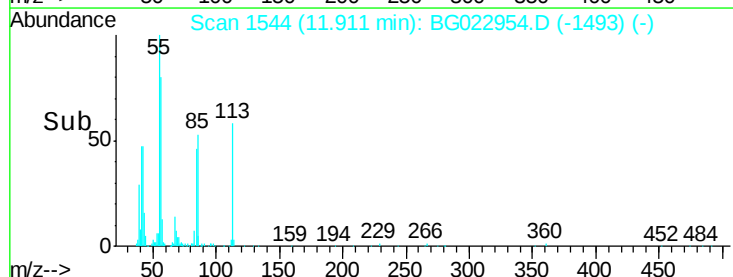
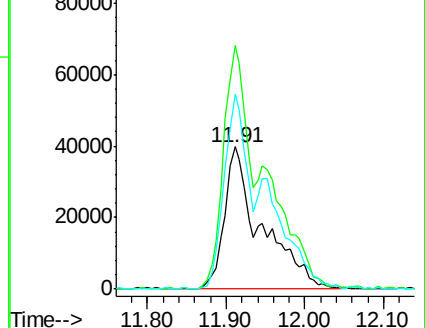
56 137.0 125.1 165.1

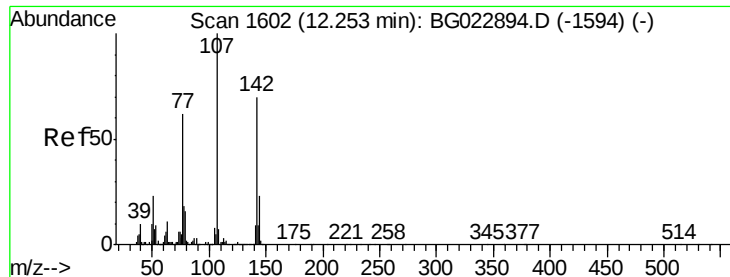


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

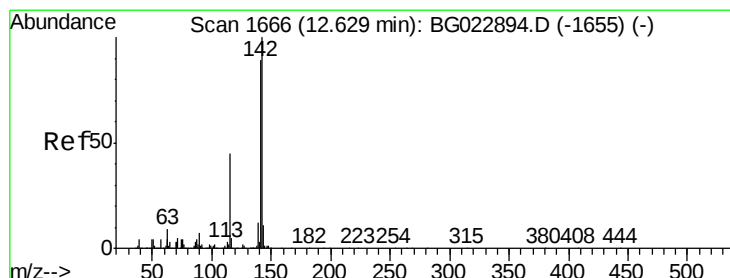
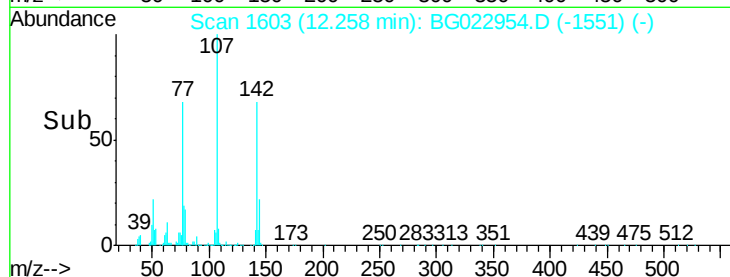
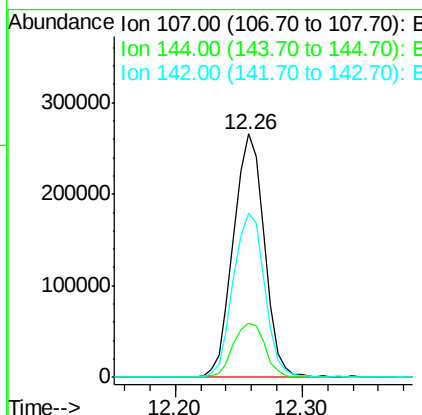
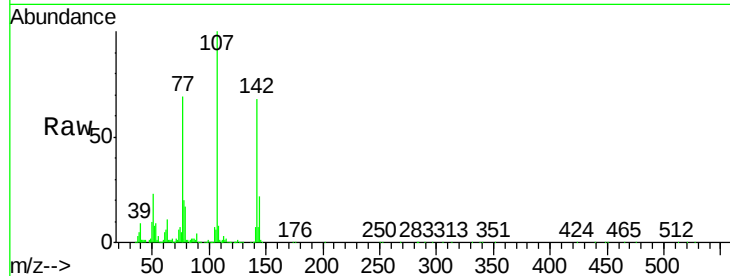




#36
4-Chloro-3-methylphenol
Concen: 40.99 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

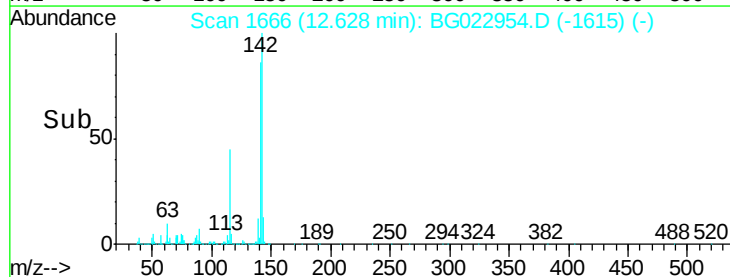
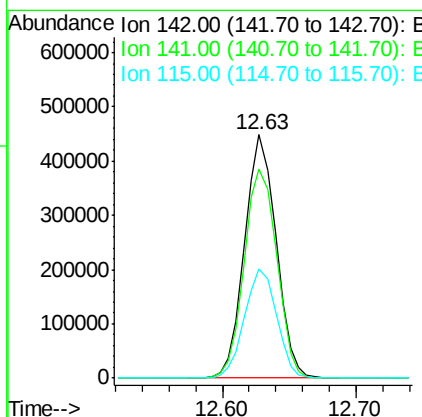
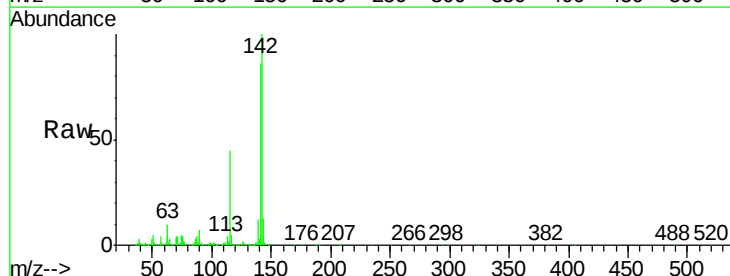
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

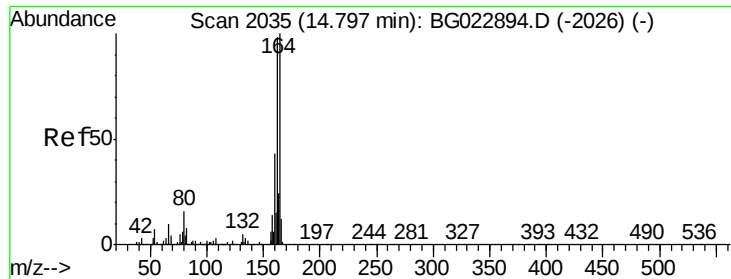
Tot Ion:107 Resp: 448569
Ion Ratio Lower Upper
107 100
144 22.4 17.0 25.6
142 67.6 53.0 79.6



#37
2-Methylnaphthalene
Concen: 40.73 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:142 Resp: 730315
Ion Ratio Lower Upper
142 100
141 86.1 70.2 105.2
115 44.8 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

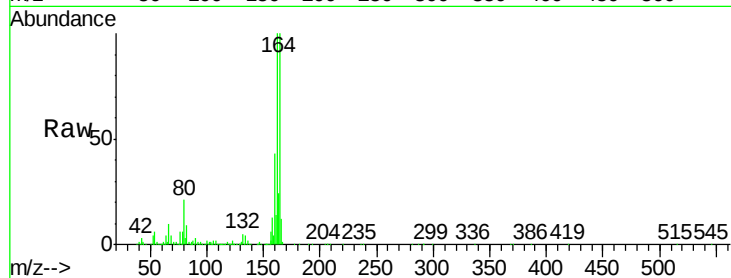
Tot Ion:164 Resp: 344664

Ion Ratio Lower Upper

164 100

162 99.9 87.7 131.5

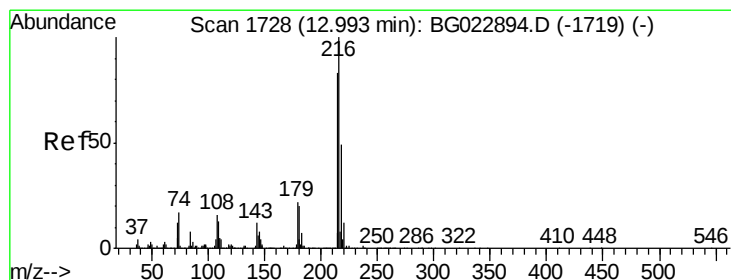
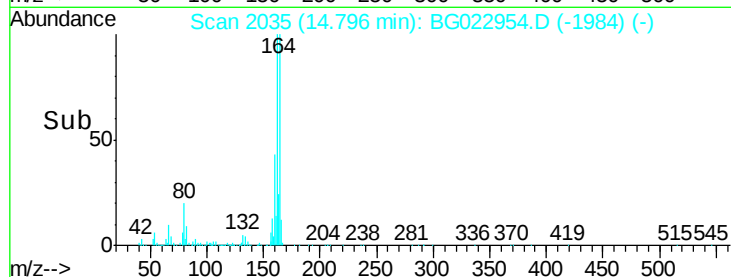
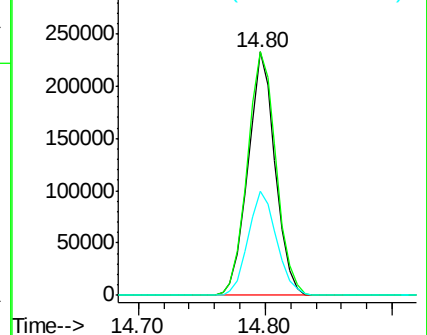
160 42.9 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.76 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:216 Resp: 486530

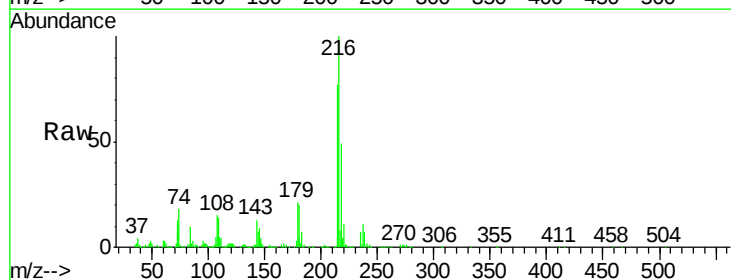
Ion Ratio Lower Upper

216 100

214 79.8 62.9 94.3

179 20.7 17.2 25.8

108 19.2 16.3 24.5

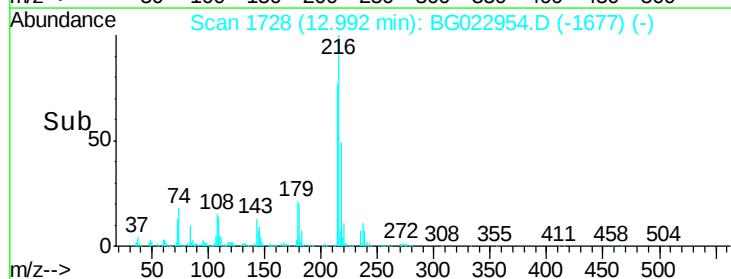
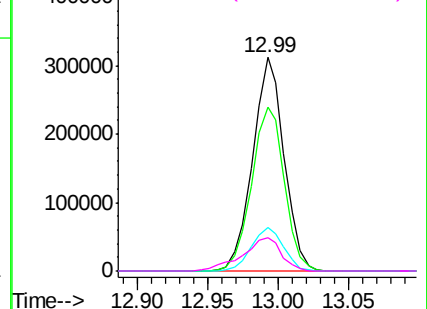


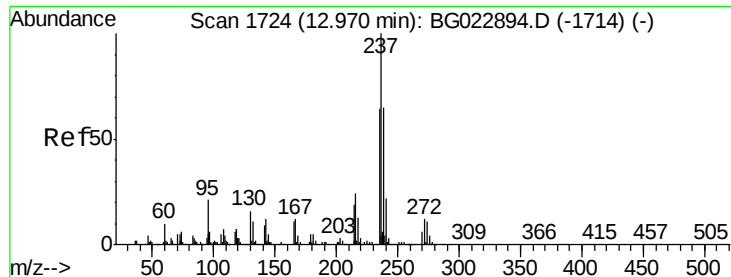
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.40 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

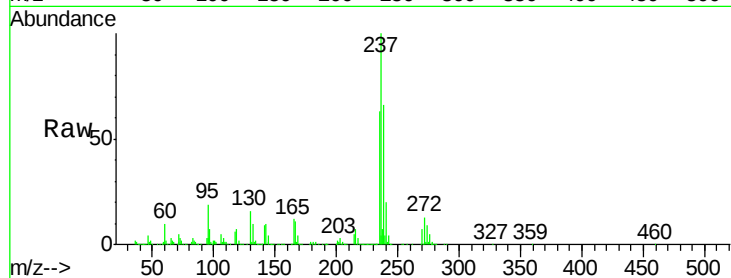
Tot Ion:237 Resp: 670340

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.1	83.1
272	13.1	0.0	30.9

237 100

235 63.2 43.1 83.1

272 13.1 0.0 30.9

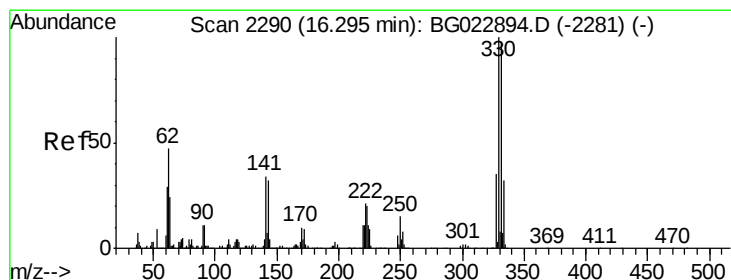
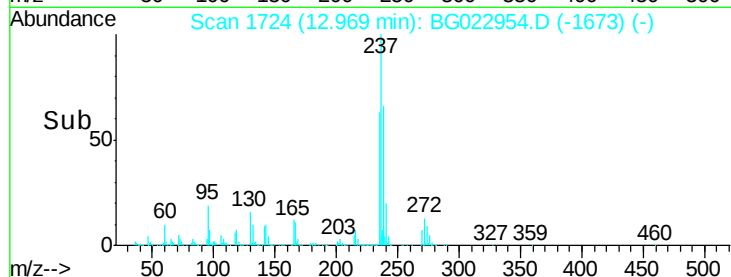
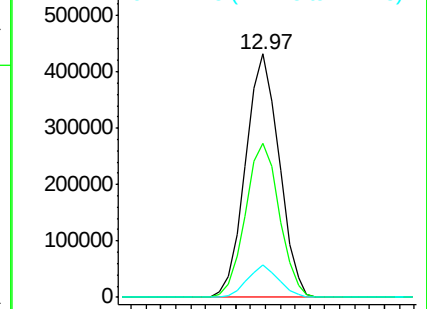


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 121.35 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

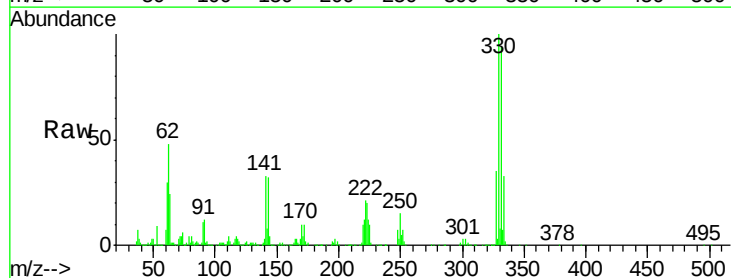
Tgt Ion:330 Resp: 751691

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	36.3	31.7	47.5

330 100

332 96.2 77.4 116.2

141 36.3 31.7 47.5

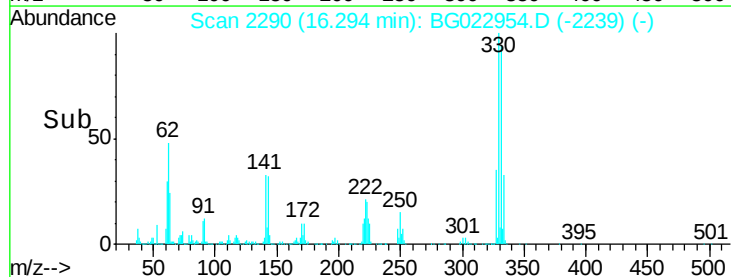
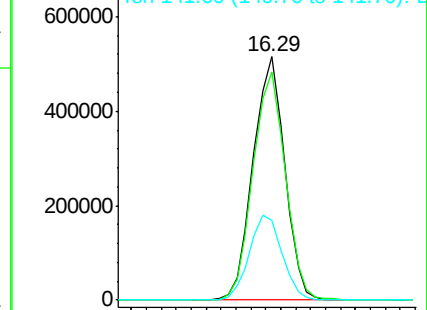


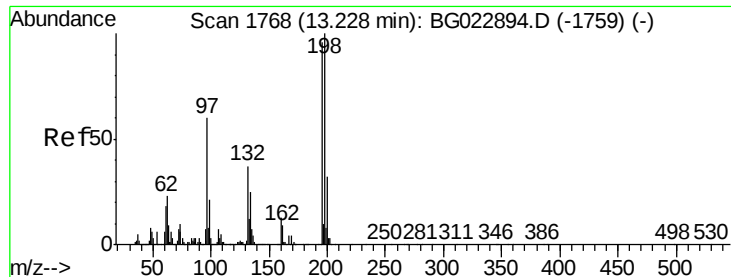
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

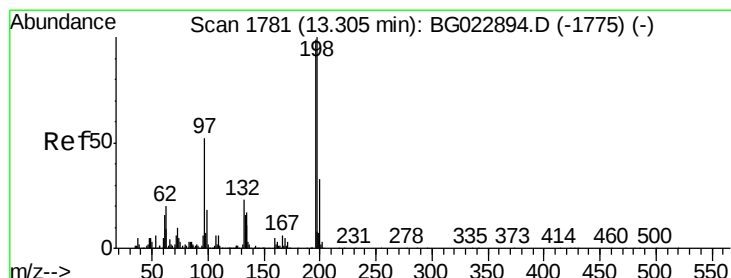
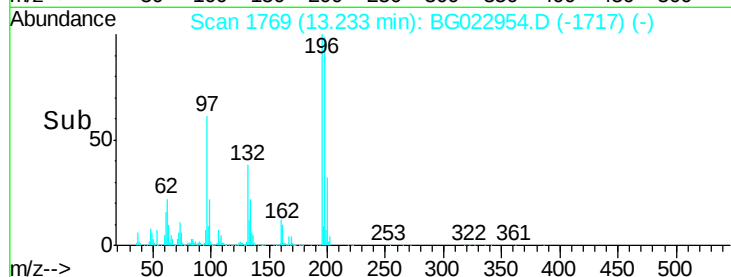
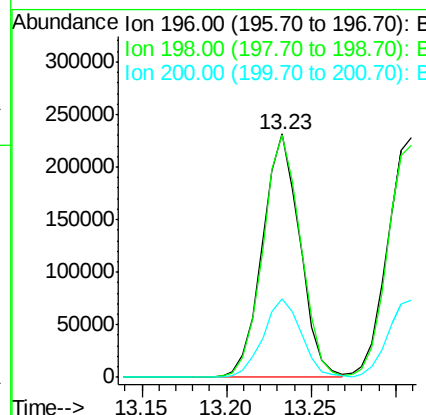
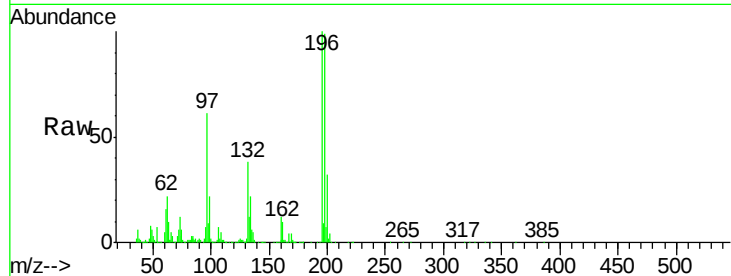




#42
2,4,6-Trichlorophenol
Concen: 41.68 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

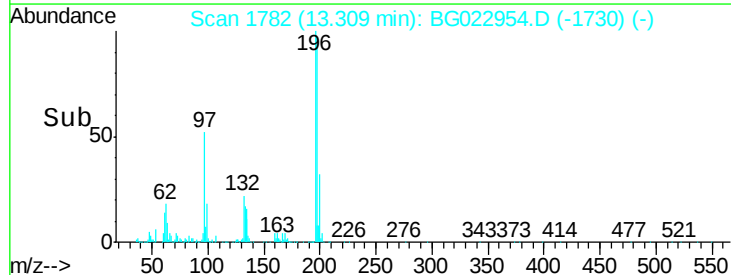
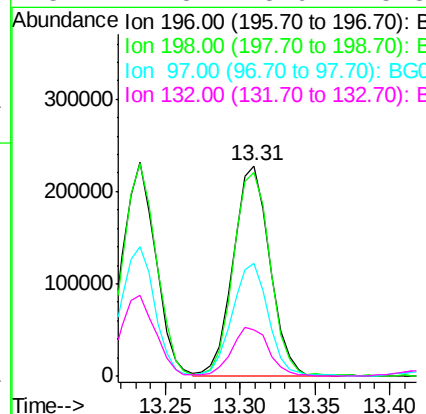
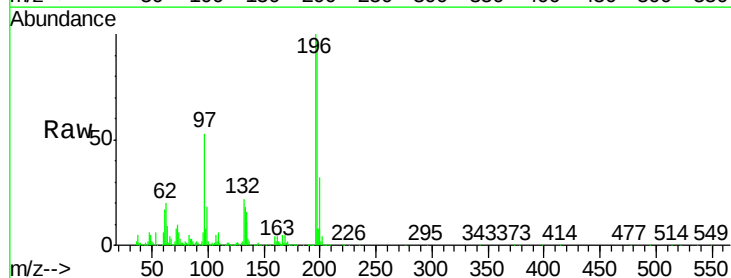
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

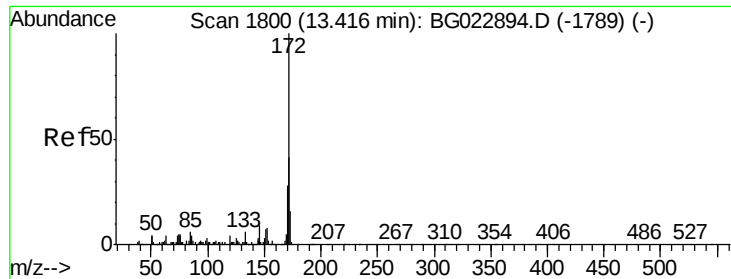
Tot Ion:196 Resp: 355782
Ion Ratio Lower Upper
196 100
198 99.3 78.2 117.2
200 32.5 27.0 40.4



#43
2,4,5-Trichlorophenol
Concen: 44.22 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:196 Resp: 387707
Ion Ratio Lower Upper
196 100
198 96.9 85.7 128.5
97 53.5 45.5 68.3
132 21.8 18.9 28.3



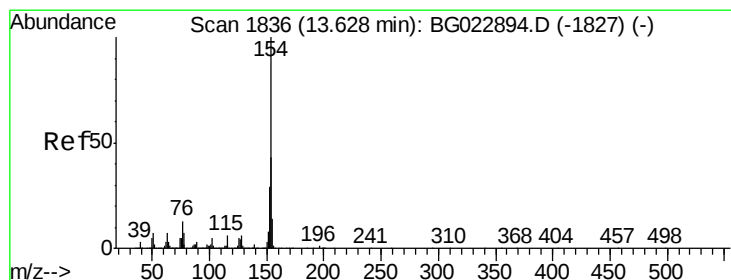
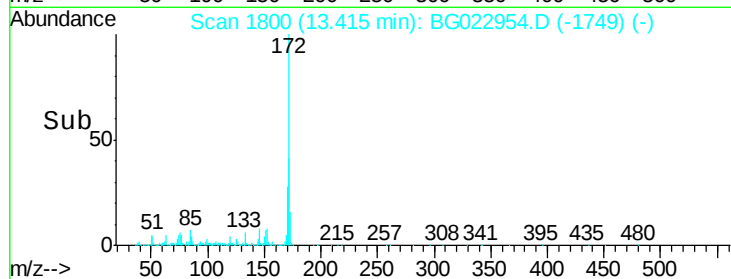
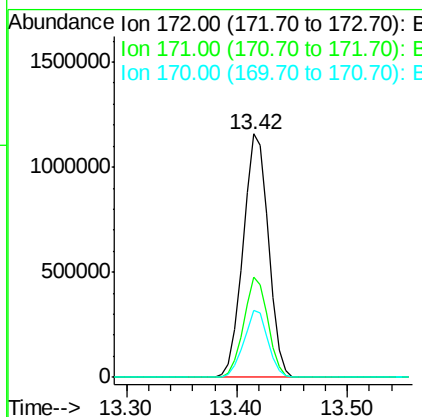
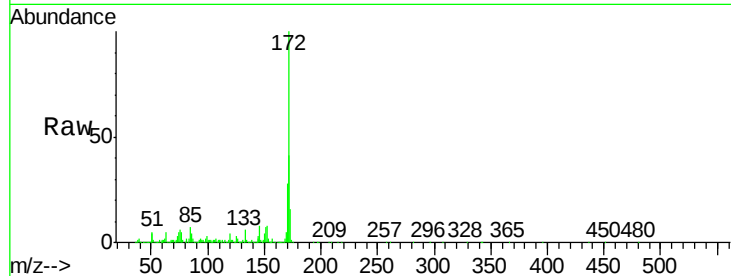


#44
 2-Fluorobiphenyl
 Concen: 85.11 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022954.D
 Acq: 9 Jul 2016 6:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91977BSD

Tot Ion:172 Resp: 1862259

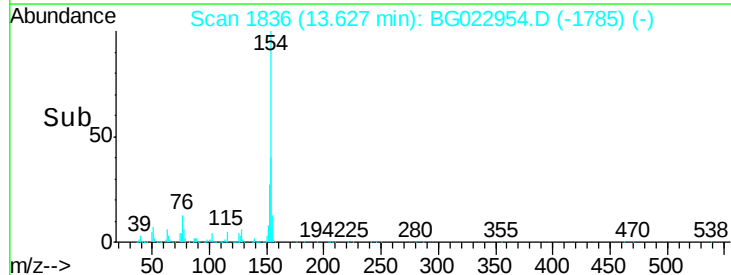
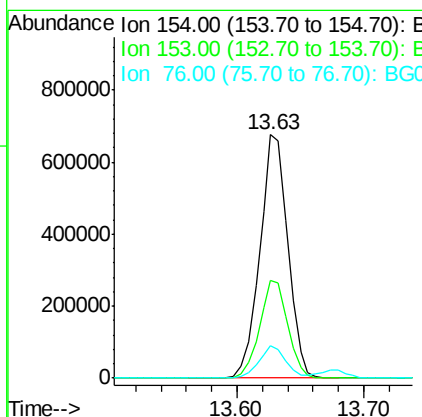
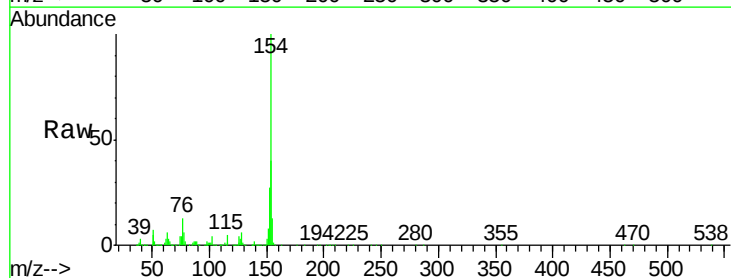
Ion	Ratio	Lower	Upper
172	100		
171	41.2	31.6	47.4
170	27.7	21.3	31.9

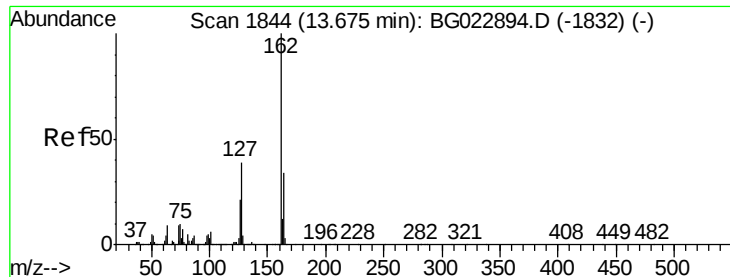


#45
 1,1'-Biphenyl
 Concen: 40.20 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG022954.D
 Acq: 9 Jul 2016 6:46

Tgt Ion:154 Resp: 1039470

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.2	60.2
76	13.4	0.0	32.9

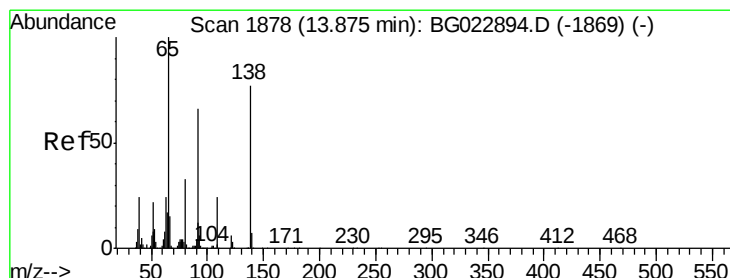
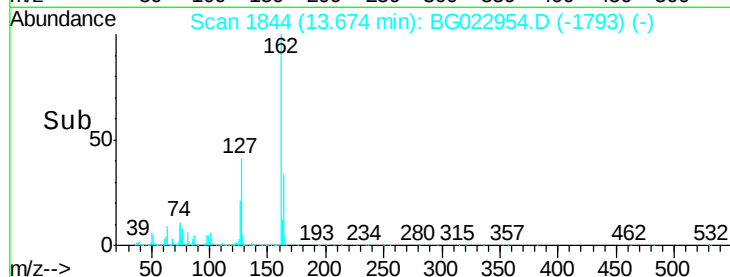
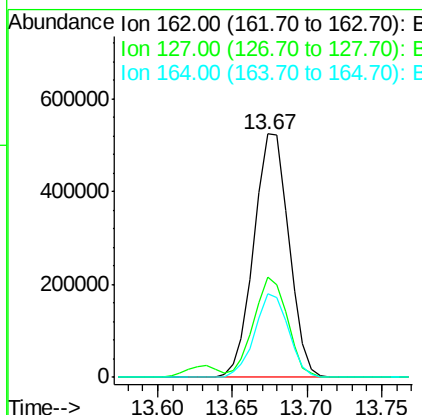
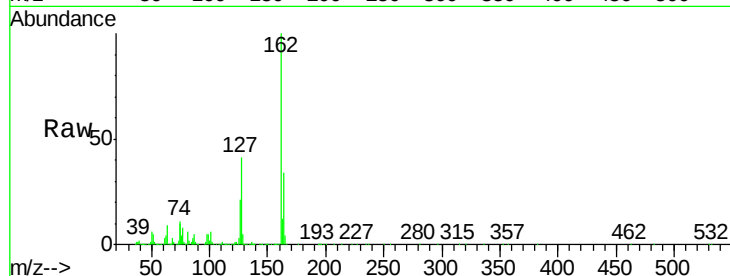




#46
2-Chloronaphthalene
Concen: 40.62 ng
RT: 13.67 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

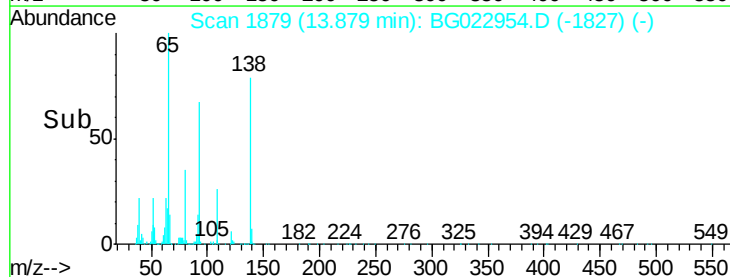
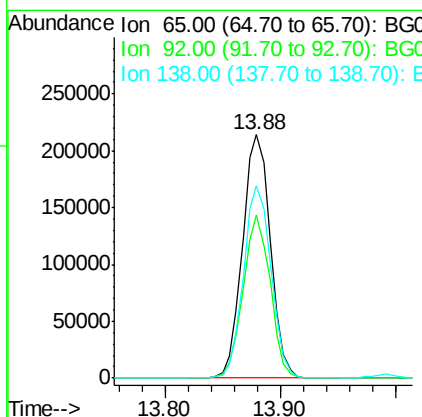
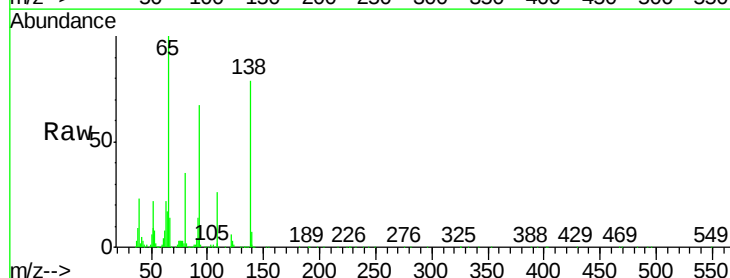
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

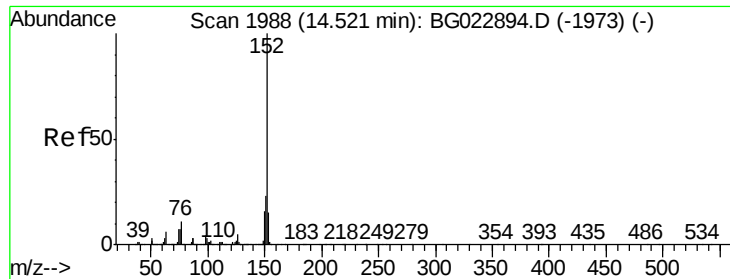
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.4	48.6
164	34.3	25.2	37.8



#47
2-Nitroaniline
Concen: 40.06 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	49.4	74.0
138	79.3	58.0	87.0





#48

Acenaphthylene

Concen: 41.00 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

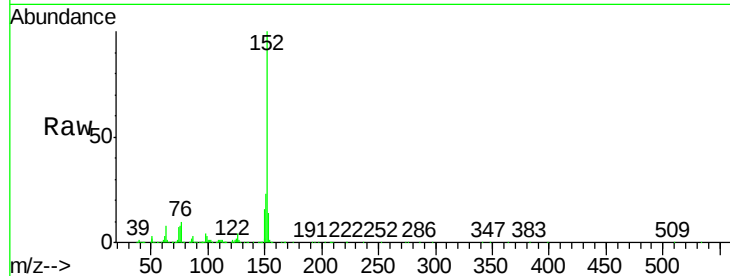
BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:152 Resp: 1290381

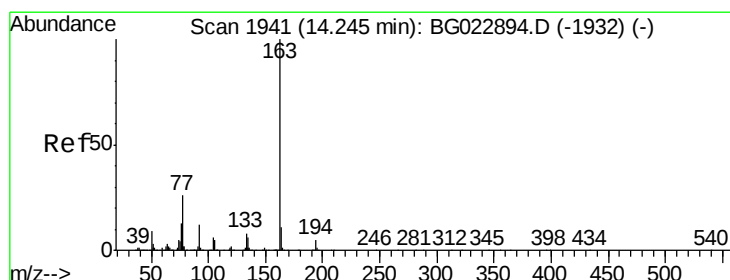
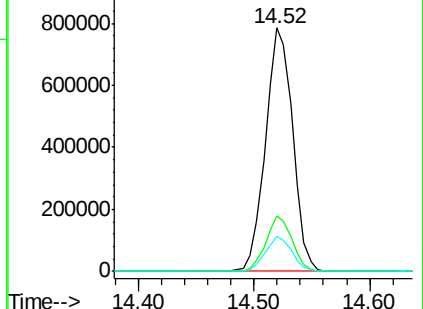
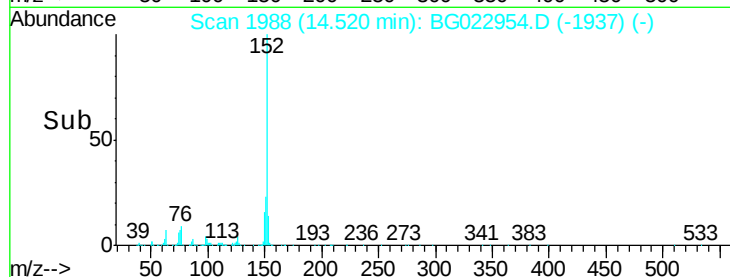
Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.6	26.4
153	14.3	11.4	17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.90 ng

RT: 14.24 min Scan# 1941

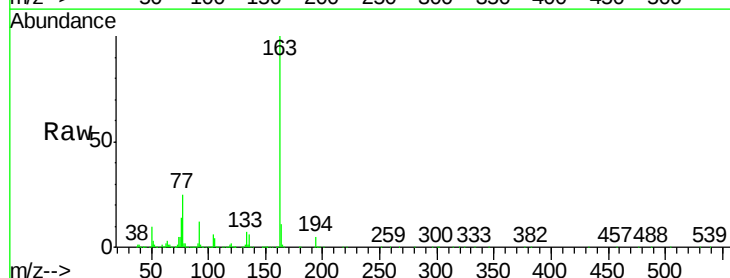
Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:163 Resp: 1151515

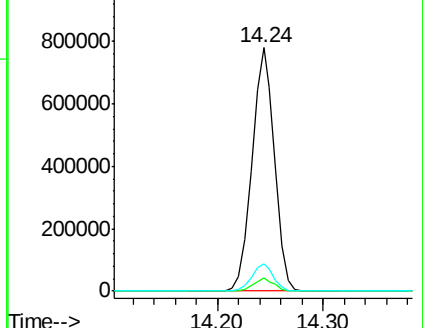
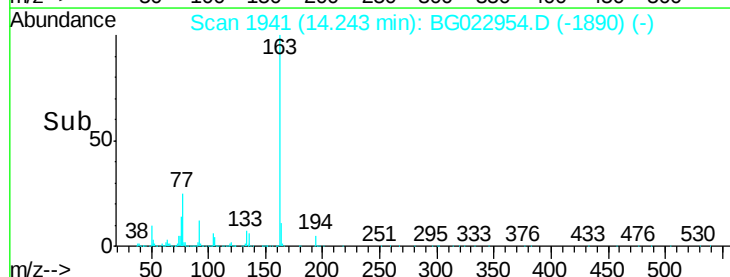
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	11.2	8.1	12.1

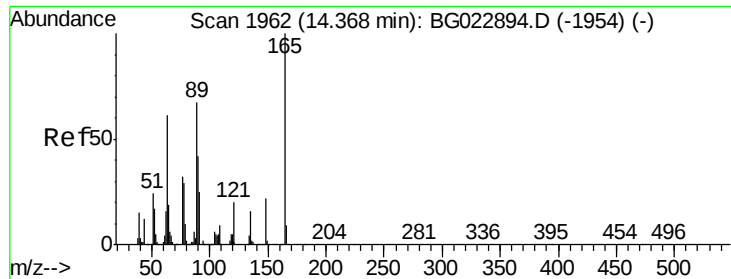


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

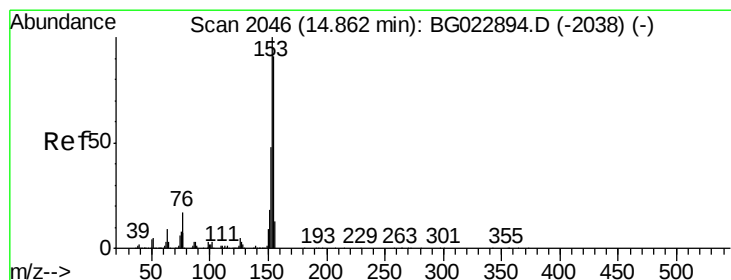
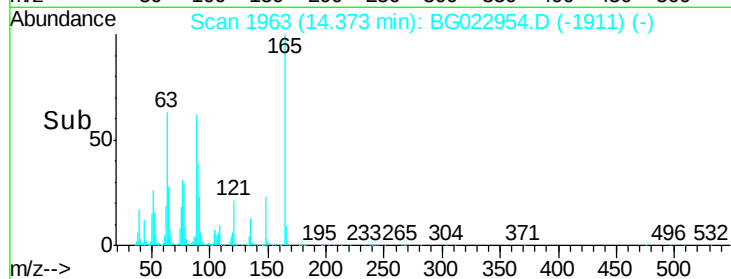
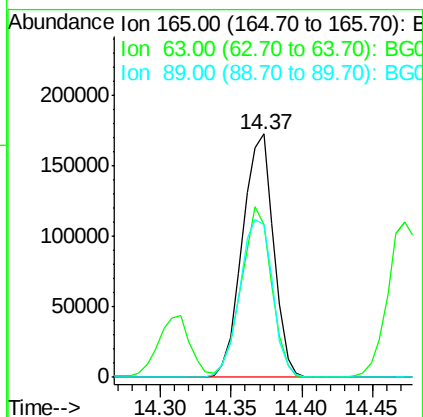
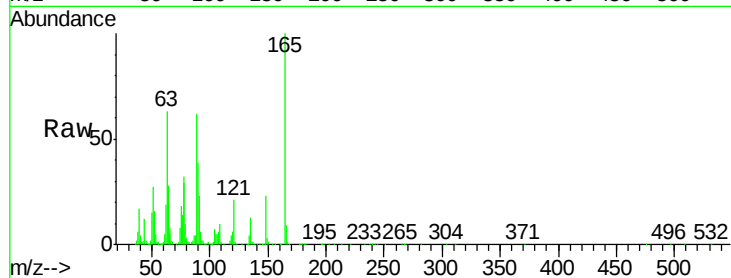




#50
2,6-Dinitrotoluene
Concen: 42.18 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

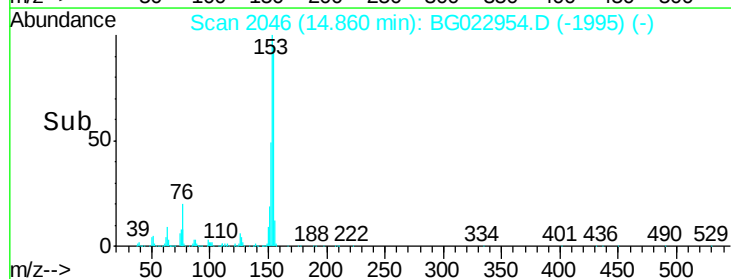
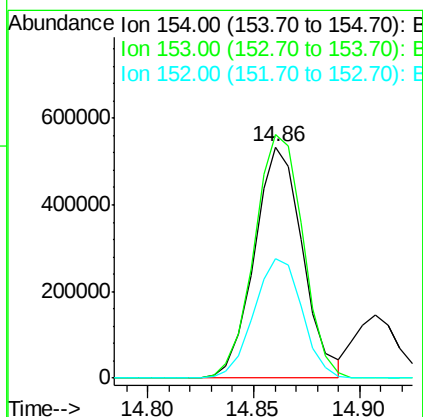
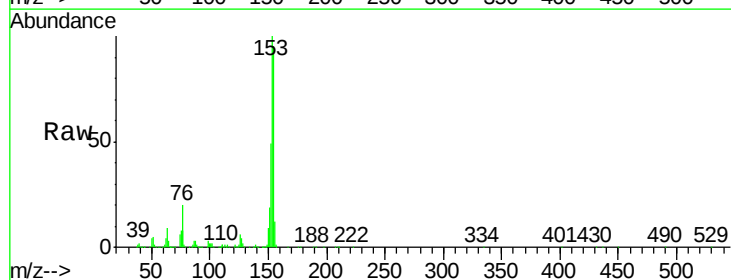
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

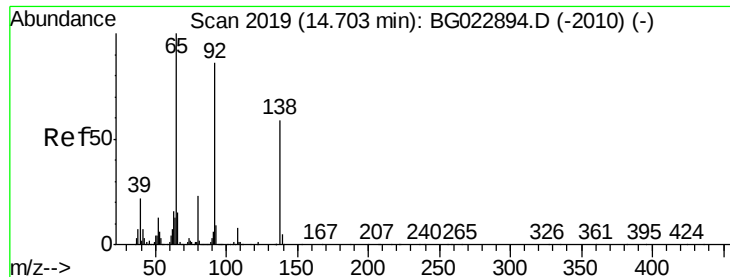
Tot Ion:165 Resp: 266899
Ion Ratio Lower Upper
165 100
63 62.5 64.3 96.5#
89 62.5 64.3 96.5#



#51
Acenaphthene
Concen: 41.14 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:154 Resp: 846035
Ion Ratio Lower Upper
154 100
153 105.5 87.5 131.3
152 52.0 42.7 64.1

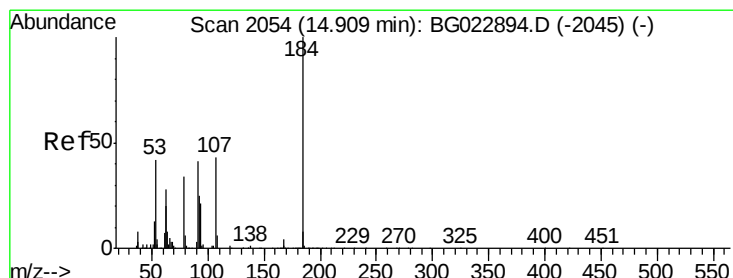
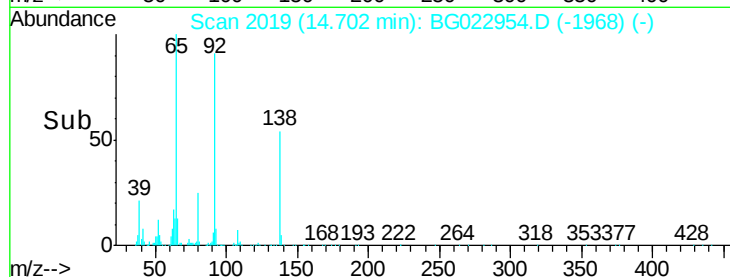
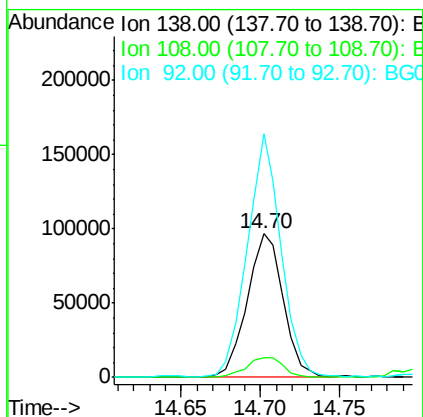
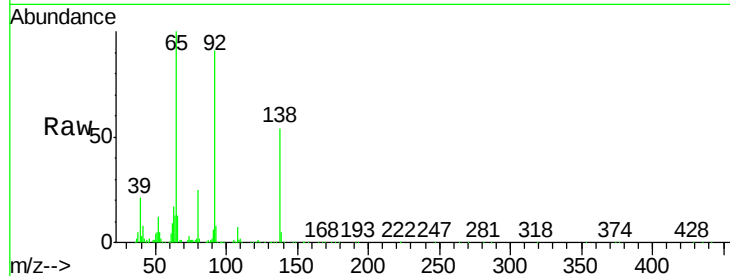




#52
3-Nitroaniline
Concen: 24.22 ng
RT: 14.70 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

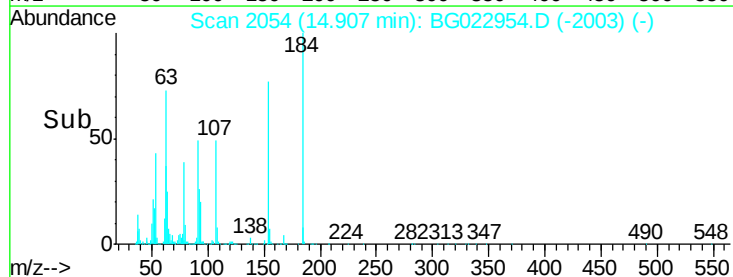
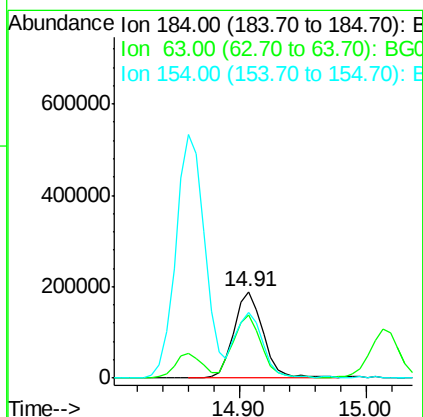
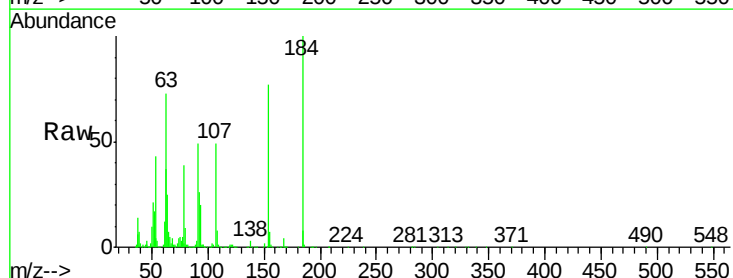
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

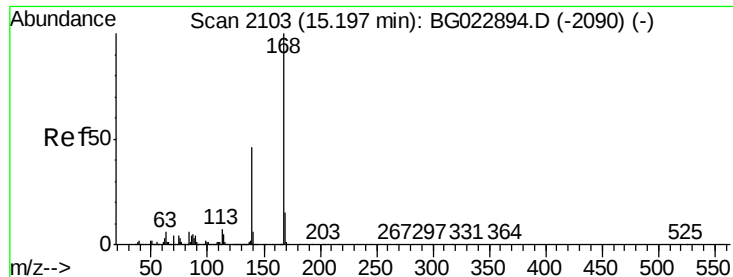
Tot Ion:138 Resp: 152818
Ion Ratio Lower Upper
138 100
108 13.9 11.7 17.5
92 169.5 129.7 194.5



#53
2,4-Dinitrophenol
Concen: 69.27 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:184 Resp: 300741
Ion Ratio Lower Upper
184 100
63 72.7 59.6 89.4
154 76.6 67.4 101.0





#54

Dibenzenofuran

Concen: 44.34 ng

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

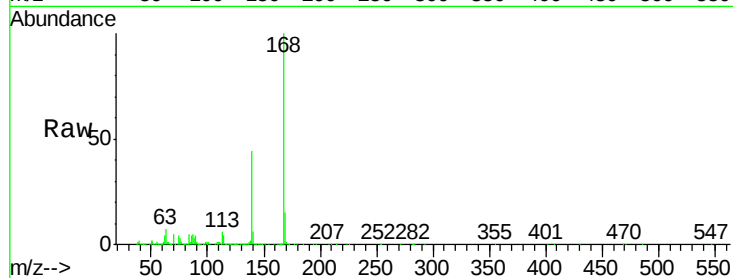
Tot Ion:168 Resp: 1364872

Ion Ratio Lower Upper

168 100

139 43.9 36.4 54.6

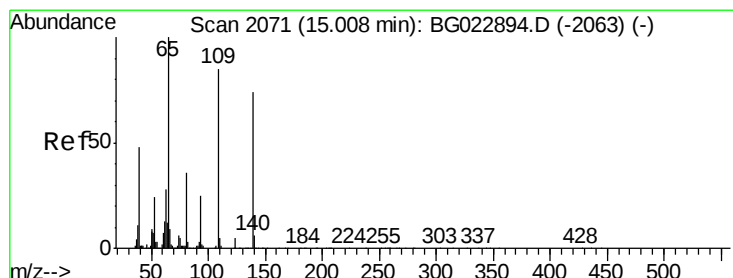
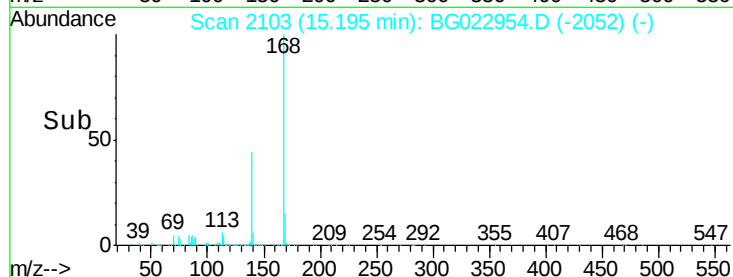
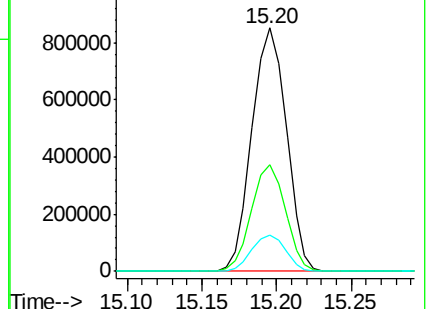
169 14.7 11.9 17.9



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: 82.32 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

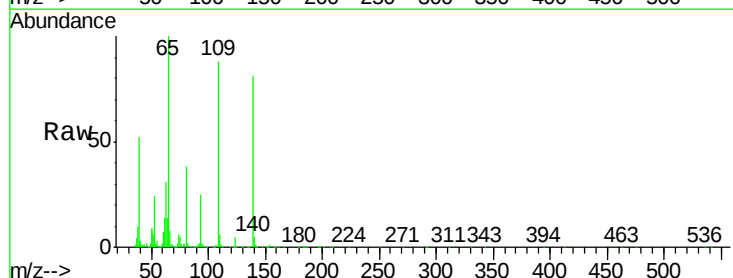
Tgt Ion:139 Resp: 435370

Ion Ratio Lower Upper

139 100

109 109.2 103.0 143.0

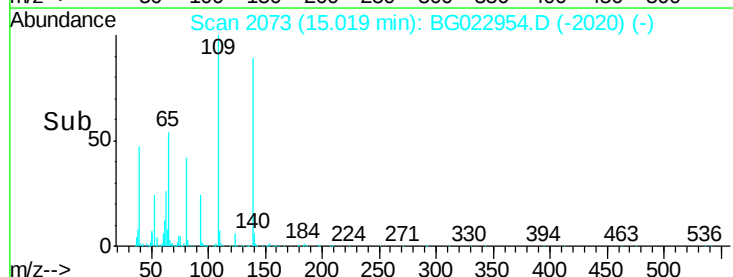
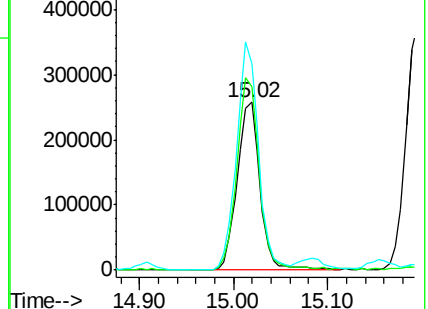
65 123.7 112.7 152.7

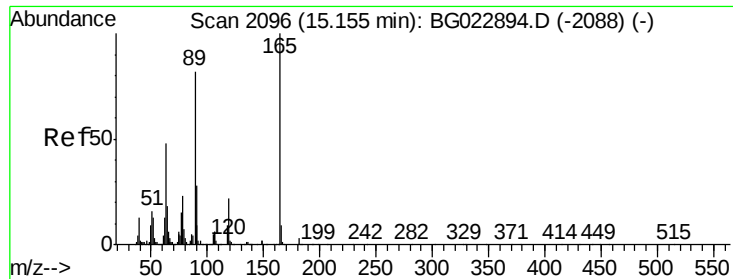


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

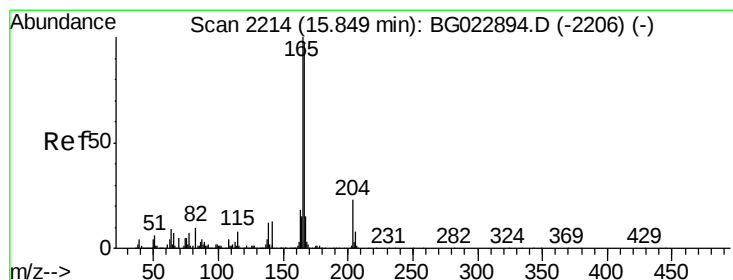
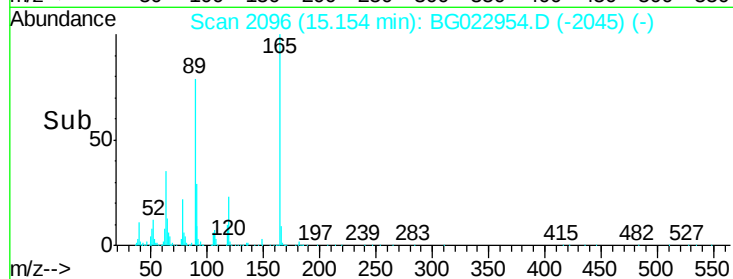
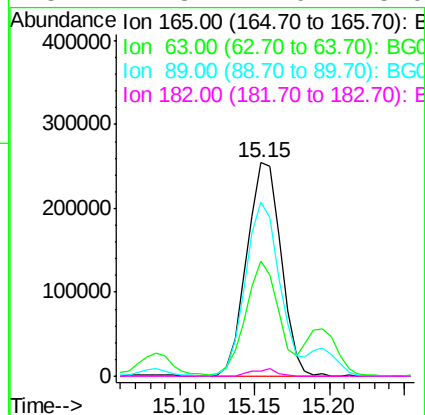
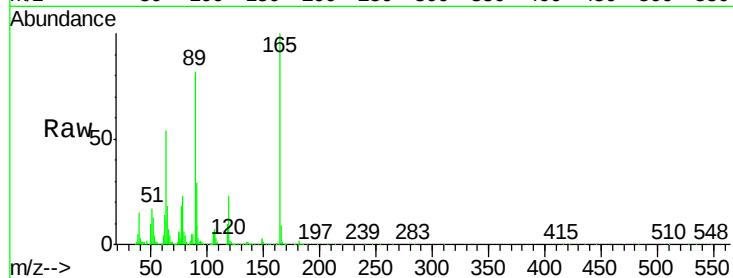




#56
2,4-Dinitrotoluene
Concen: 43.73 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

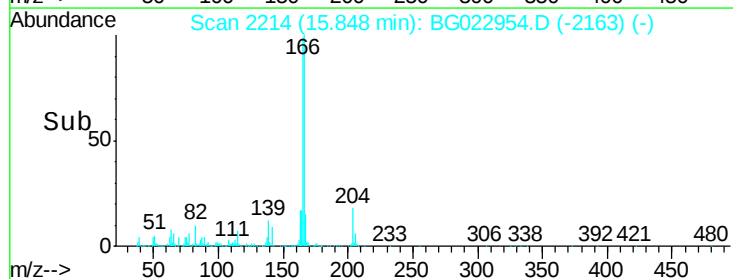
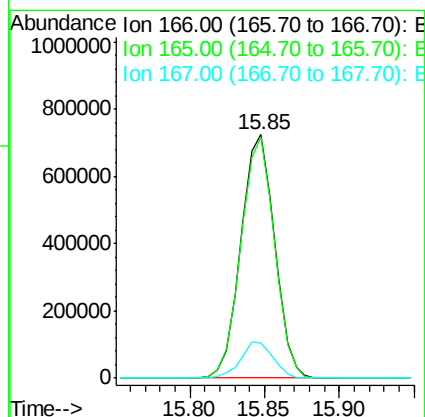
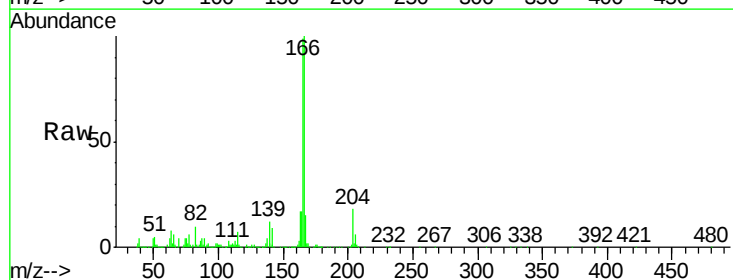
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

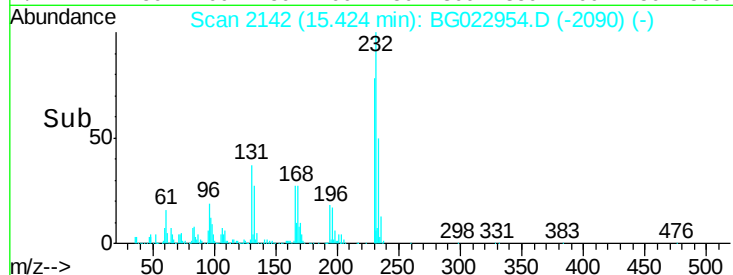
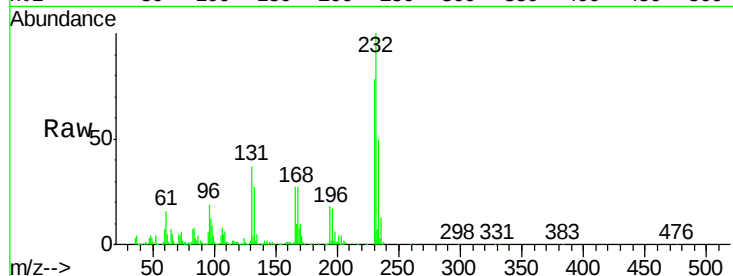
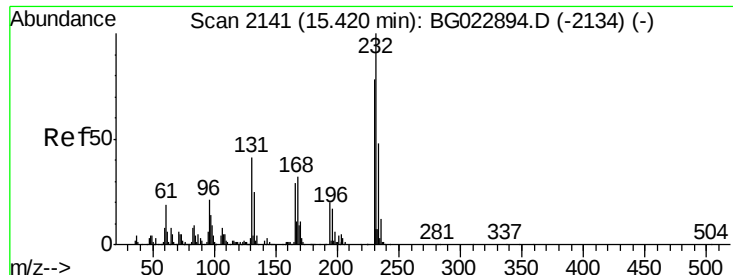
Tot Ion:165 Resp: 403397
Ion Ratio Lower Upper
165 100
63 53.8 45.8 68.6
89 81.5 68.6 102.8
182 2.3 2.0 3.0



#57
Fluorene
Concen: 42.65 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:166 Resp: 1129874
Ion Ratio Lower Upper
166 100
165 99.3 81.0 121.6
167 14.6 12.0 18.0

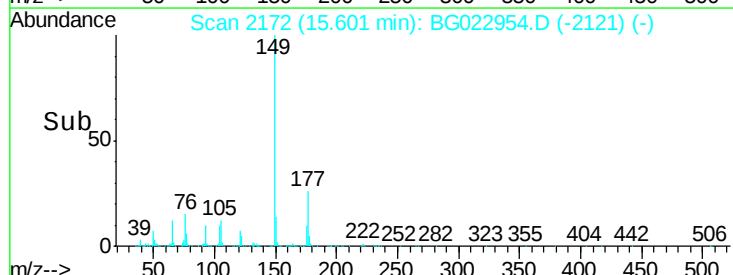
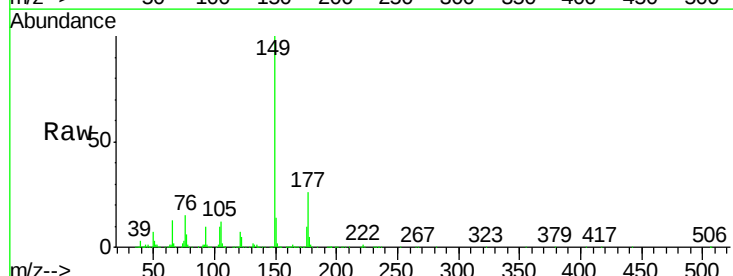
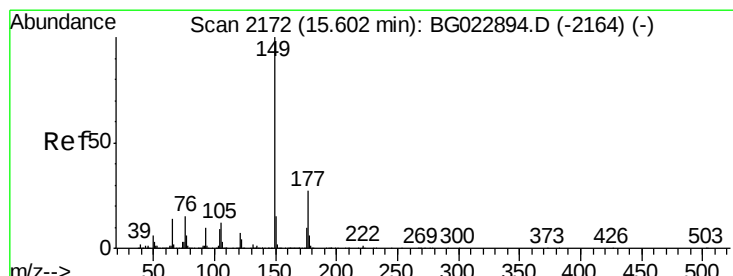
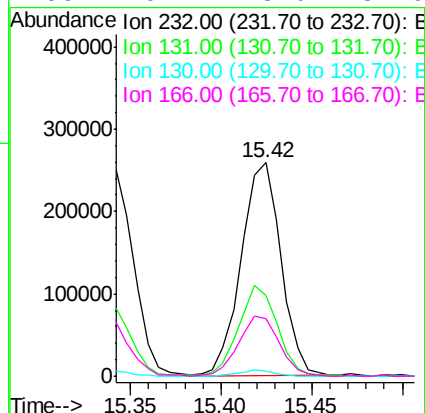




#58
2,3,4,6-Tetrachlorophenol
Concen: 44.99 ng
RT: 15.42 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

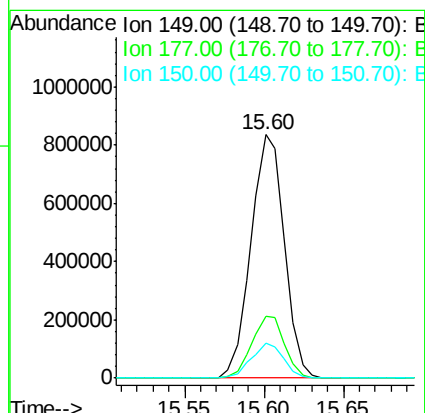
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

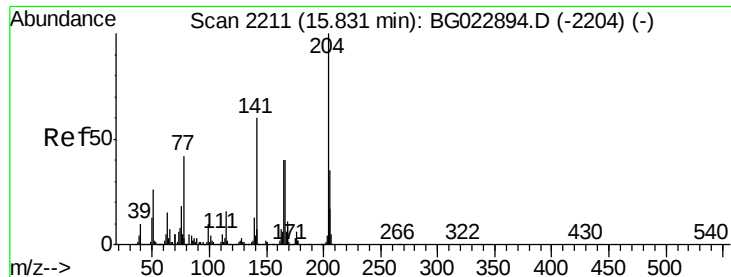
Tot Ion:232	Resp:	394639
Ion Ratio	Lower	Upper
232	100	
131	41.6	32.7 49.1
130	2.7	2.6 3.8
166	29.1	23.0 34.6



#59
Diethylphthalate
Concen: 42.65 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:149	Resp:	1221810
Ion Ratio	Lower	Upper
149	100	
177	25.6	19.2 28.8
150	14.5	10.6 16.0

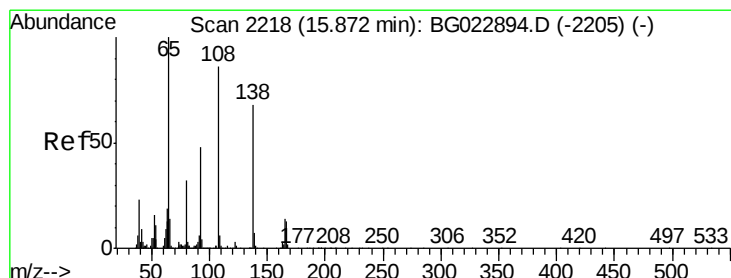
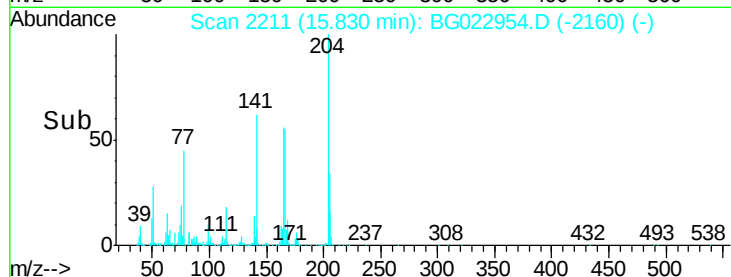
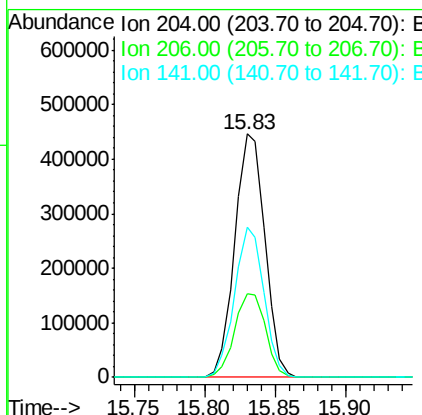
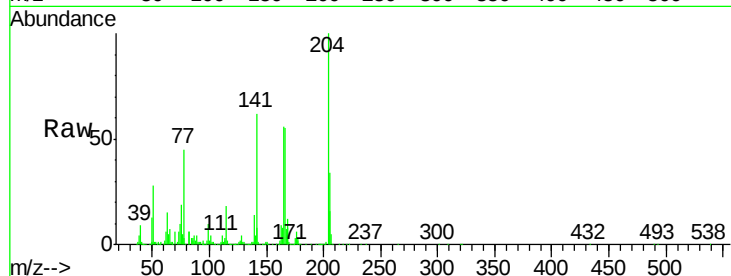




#60
4-Chlorophenyl-phenylether
Concen: 41.19 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

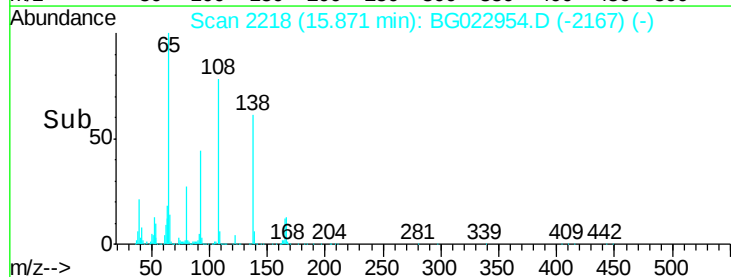
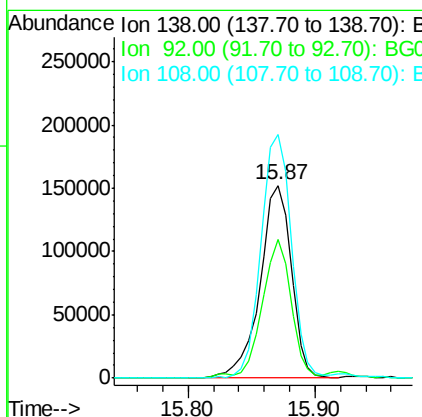
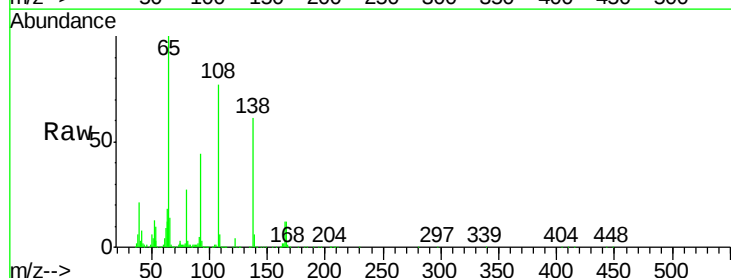
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

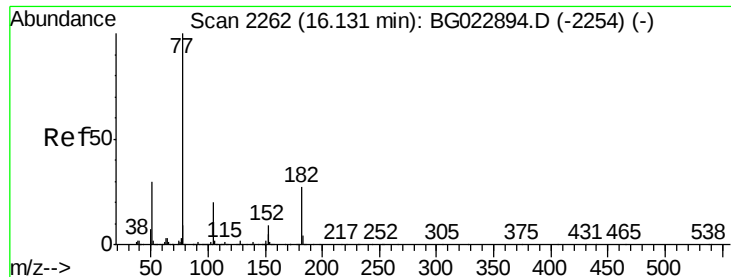
Tot Ion:204 Resp: 664567
Ion Ratio Lower Upper
204 100
206 34.2 28.5 42.7
141 61.7 51.4 77.0



#61
4-Nitroaniline
Concen: 38.67 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:138 Resp: 264001
Ion Ratio Lower Upper
138 100
92 71.9 54.1 94.1
108 126.3 133.9 173.9#





#62

Azobenzene

Concen: 47.47 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

Tot Ion: 77 Resp: 1300754

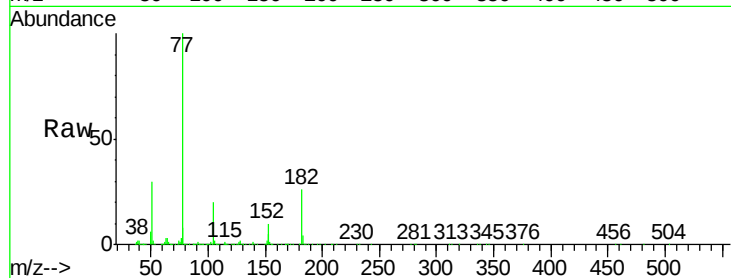
Ion	Ratio	Lower	Upper
77	100		
182	26.0	3.5	43.5
105	19.9	0.0	38.5
51	29.9	17.1	57.1

77 100

182 26.0 3.5 43.5

105 19.9 0.0 38.5

51 29.9 17.1 57.1



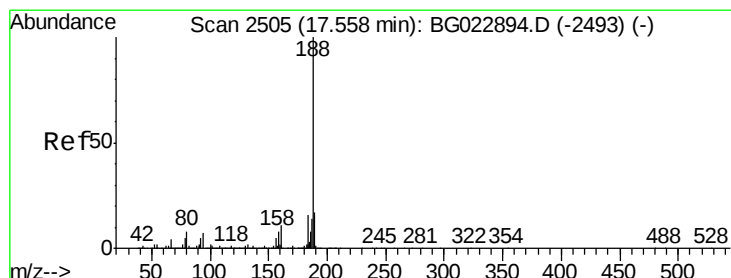
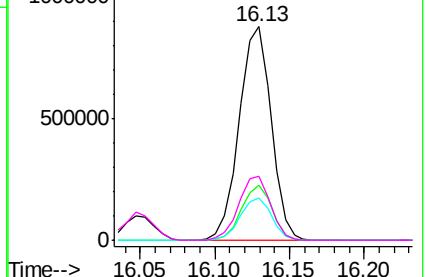
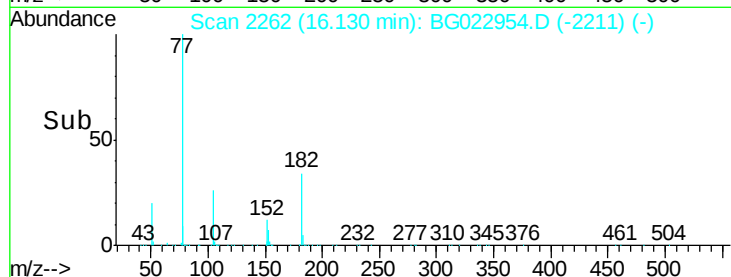
Abundance Ion 77.00 (76.70 to 77.70): BG022954.D (-2211) (-)

Ion 182.00 (181.70 to 182.70): BG022954.D (-2211) (-)

Ion 105.00 (104.70 to 105.70): BG022954.D (-2211) (-)

Ion 51.00 (50.70 to 51.70): BG022954.D (-2211) (-)

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

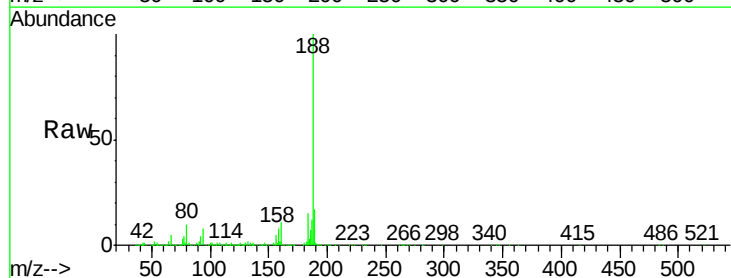
Tgt Ion: 188 Resp: 888575

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.2	7.8#
80	10.0	7.2	10.8

188 100

94 8.1 5.2 7.8#

80 10.0 7.2 10.8

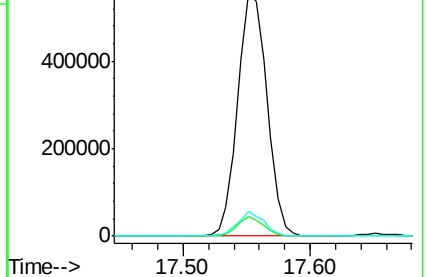
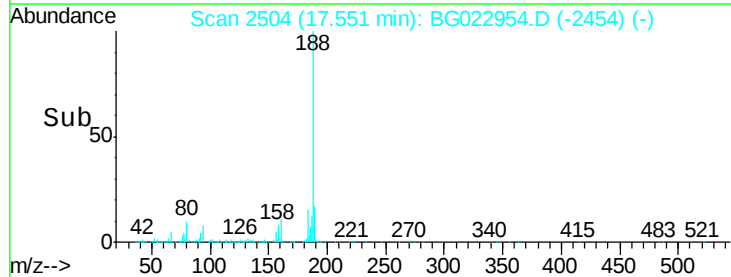


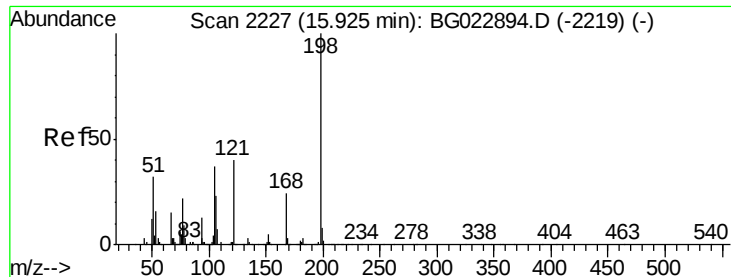
Abundance Ion 188.00 (187.70 to 188.70): BG022954.D (-2454) (-)

Ion 94.00 (93.70 to 94.70): BG022954.D (-2454) (-)

Ion 80.00 (79.70 to 80.70): BG022954.D (-2454) (-)

Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 37.46 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

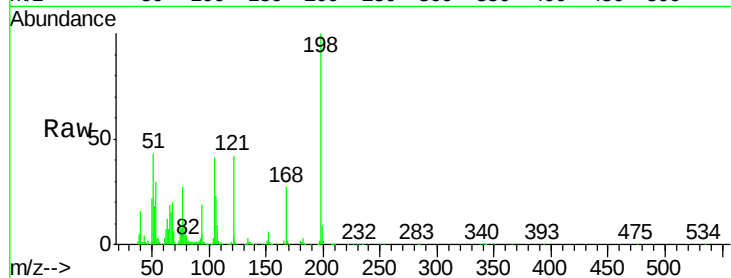
BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:198 Resp: 247374

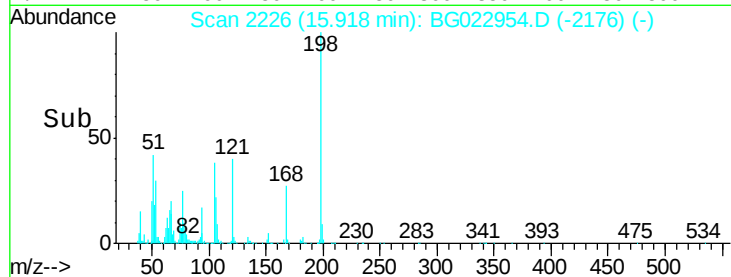
Ion	Ratio	Lower	Upper
198	100		
51	43.1	26.0	66.0
105	40.8	20.1	60.1



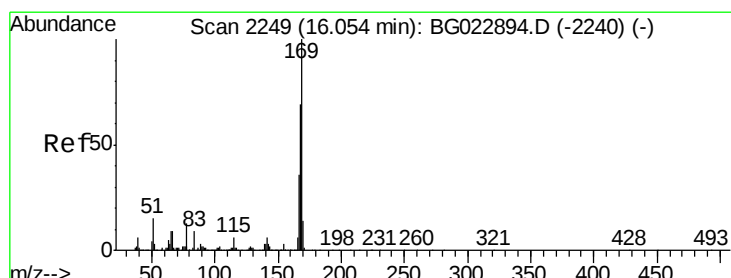
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG022894.D (-2219) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 42.05 ng

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

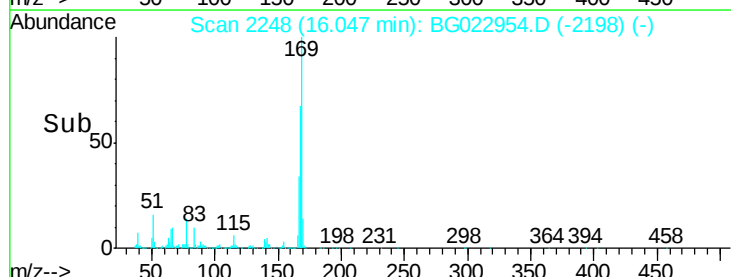
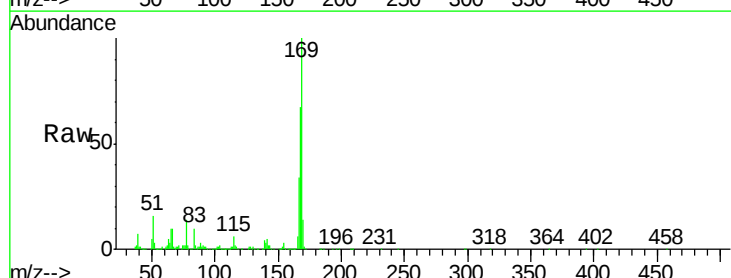
Tgt Ion:169 Resp: 1076432

Ion	Ratio	Lower	Upper
169	100		
168	67.4	55.0	82.4
167	34.2	27.4	41.0

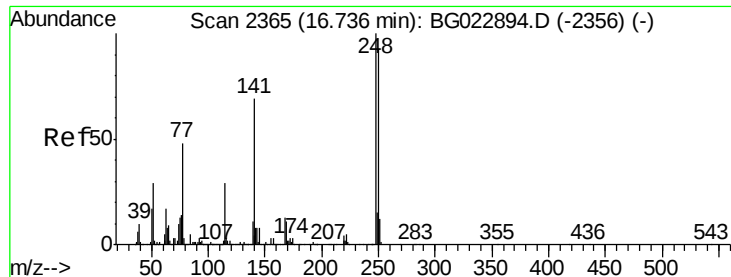
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



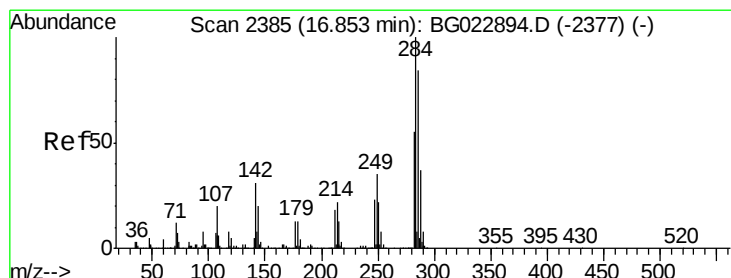
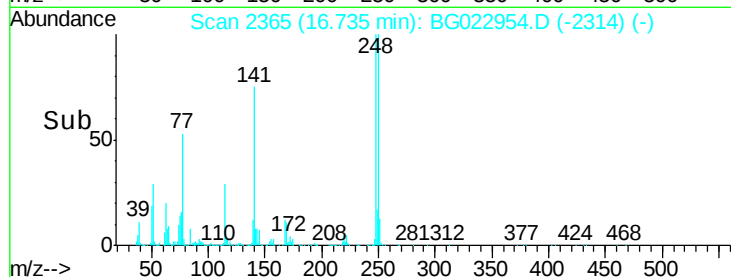
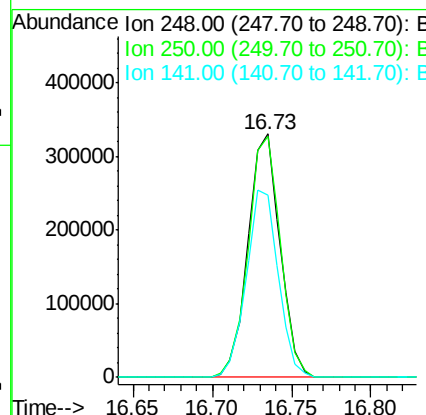
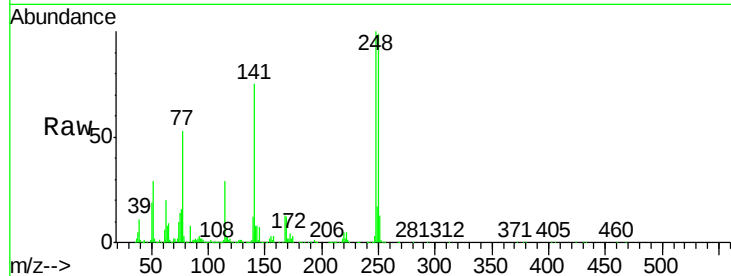
Time-->



#66
4-Bromophenyl-phenylether
Concen: 40.05 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

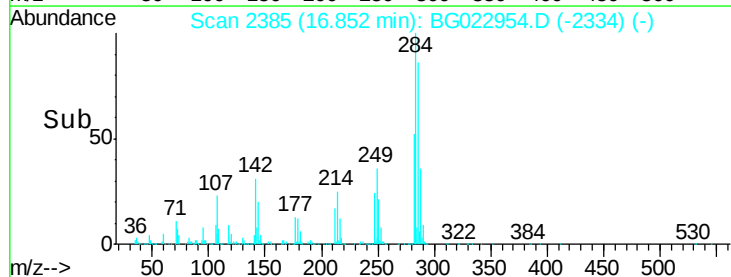
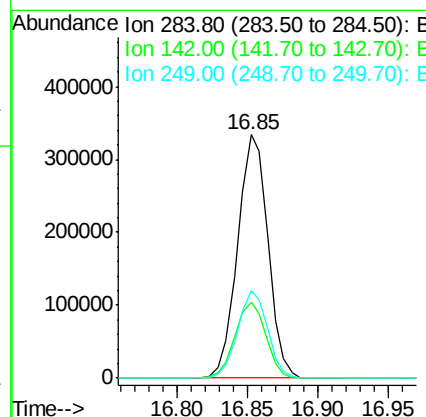
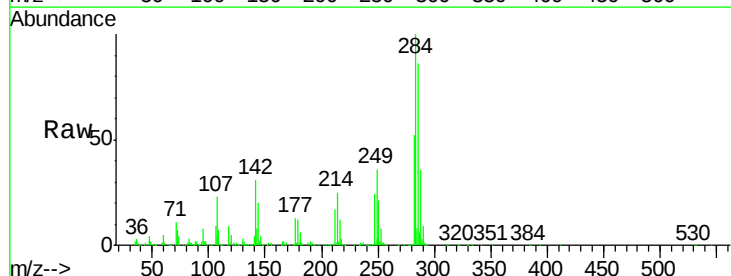
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

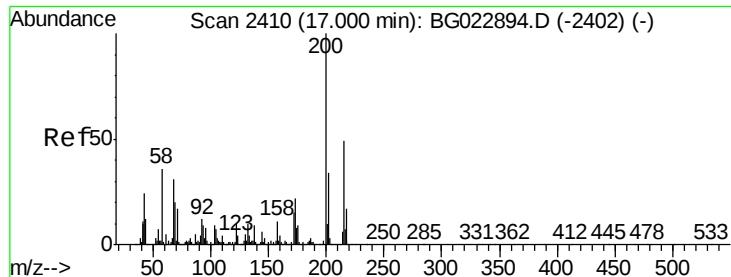
Tot Ion:248 Resp: 463057
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.8
141 74.6 65.7 98.5



#67
Hexachlorobenzene
Concen: 39.70 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:284 Resp: 498988
Ion Ratio Lower Upper
284 100
142 31.2 26.8 40.2
249 35.8 28.9 43.3





#68

Atrazine

Concen: 41.62 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

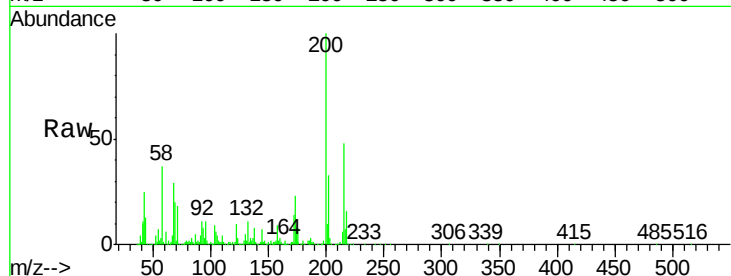
Tot Ion:200 Resp: 472668

Ion Ratio Lower Upper

200 100

173 23.3 1.6 41.6

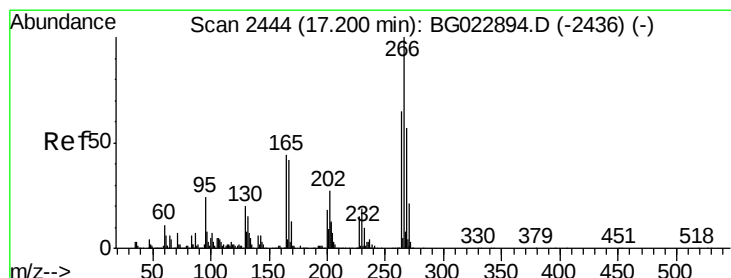
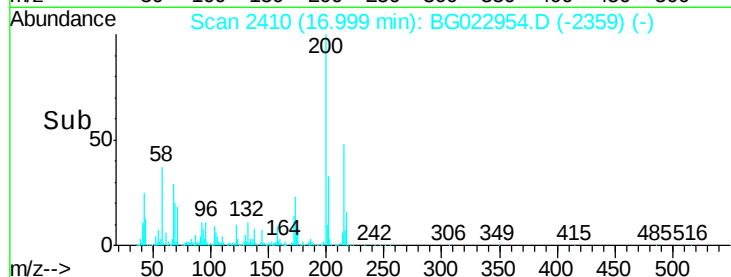
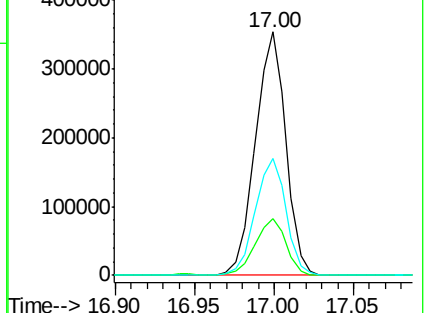
215 48.2 28.7 68.7



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: 79.59 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

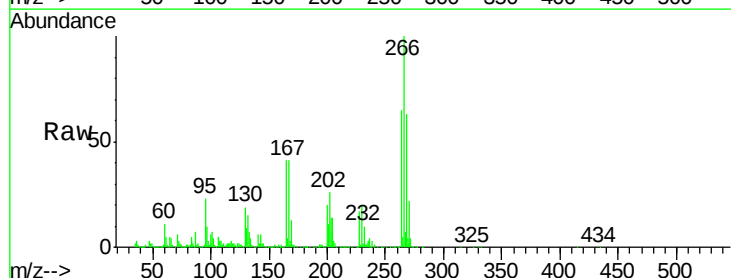
Tgt Ion:266 Resp: 647858

Ion Ratio Lower Upper

266 100

268 63.1 51.9 77.9

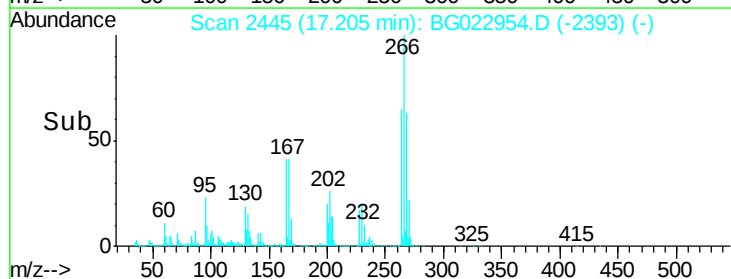
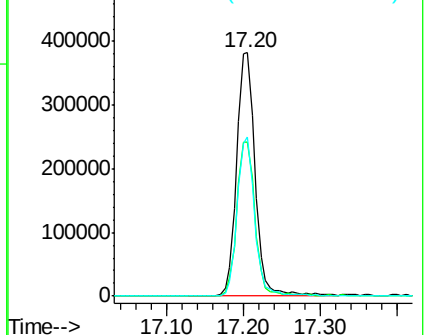
264 65.3 50.6 75.8

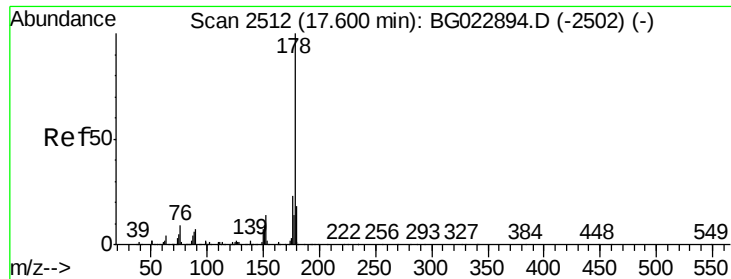


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 43.22 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

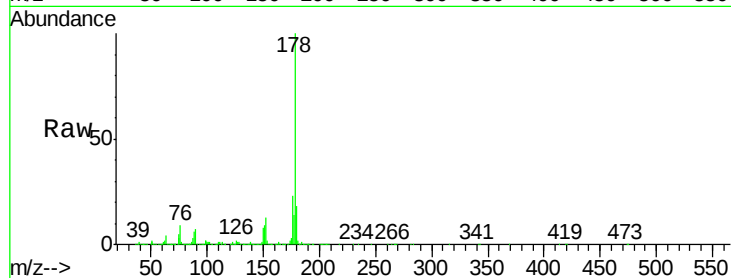
BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:178 Resp: 1882192

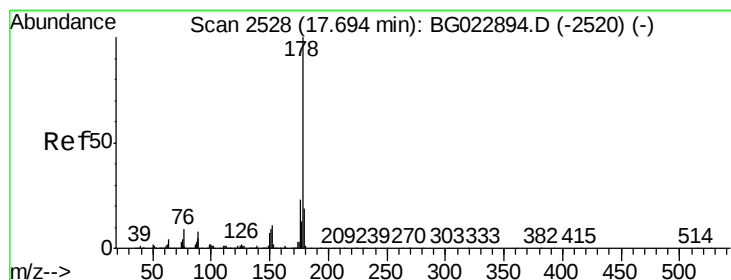
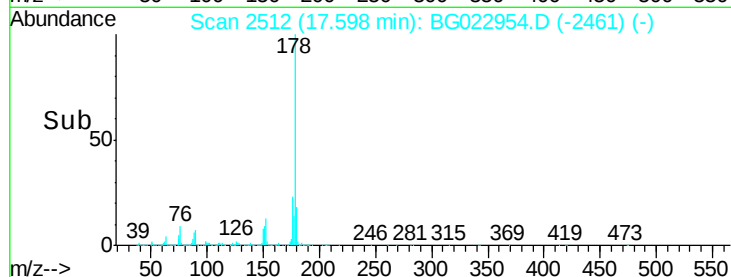
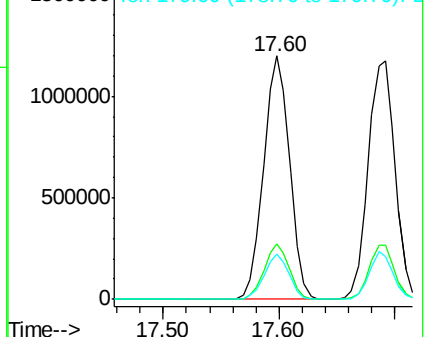
Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.8	25.2
179	18.4	14.3	21.5



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: 43.14 ng

RT: 17.69 min Scan# 2528

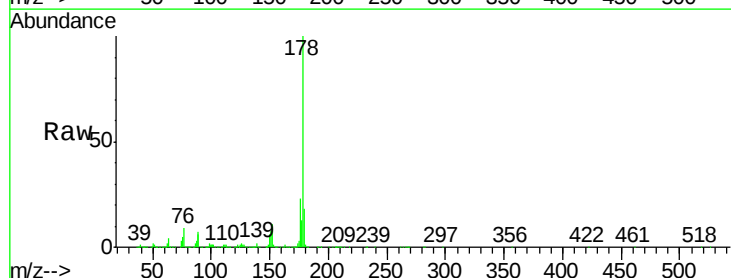
Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:178 Resp: 1902355

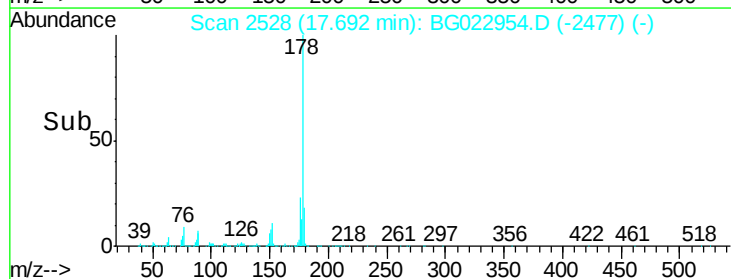
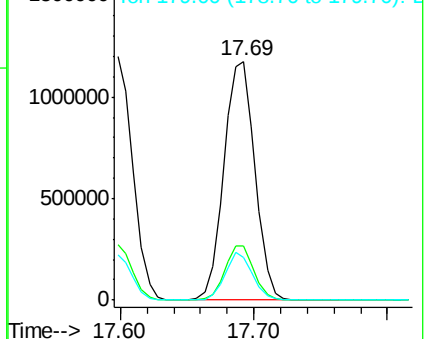
Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.3	25.9
179	17.9	14.0	21.0

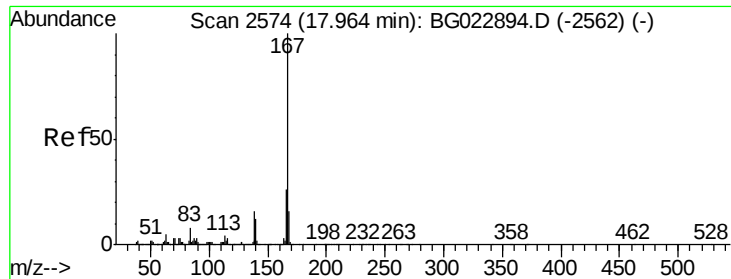


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.46 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

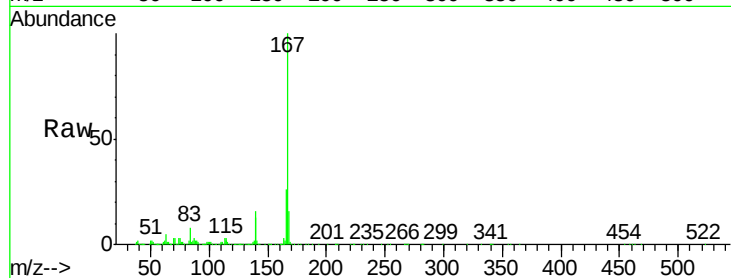
BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:167 Resp: 1655986

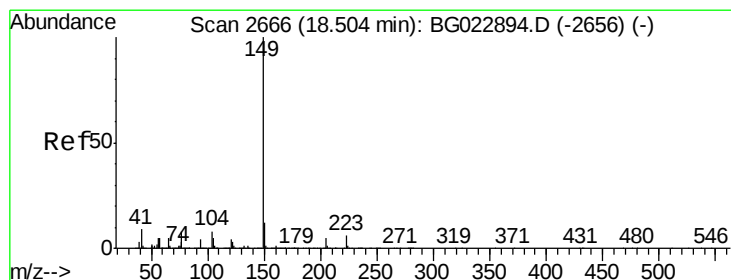
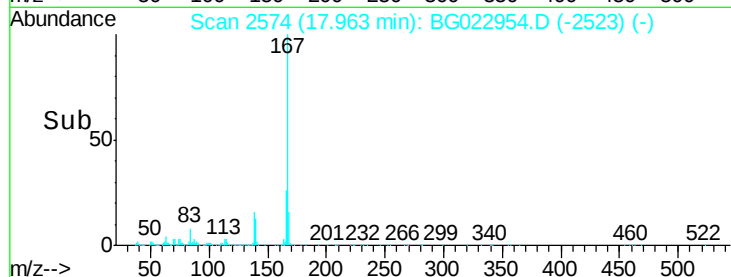
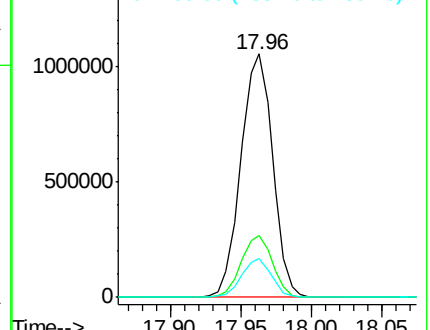
Ion	Ratio	Lower	Upper
167	100		
166	25.6	20.7	31.1
139	15.8	11.9	17.9



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: 46.66 ng

RT: 18.50 min Scan# 2666

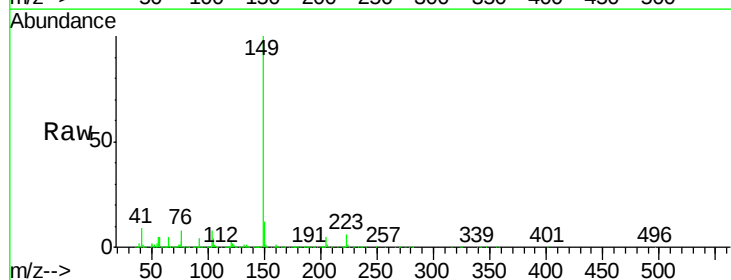
Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:149 Resp: 1977126

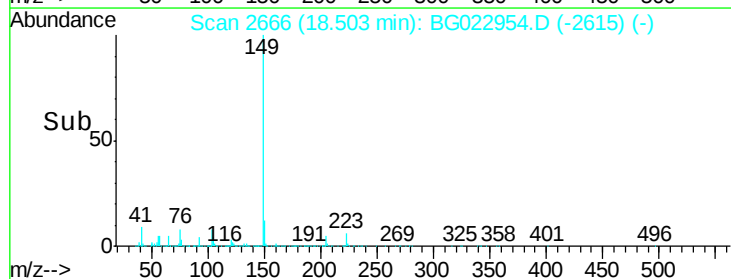
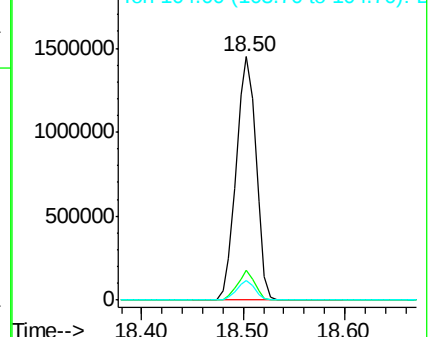
Ion	Ratio	Lower	Upper
149	100		
150	12.1	9.1	13.7
104	8.1	6.9	10.3

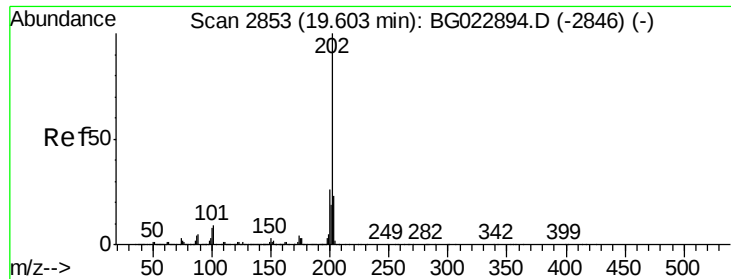


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 41.92 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

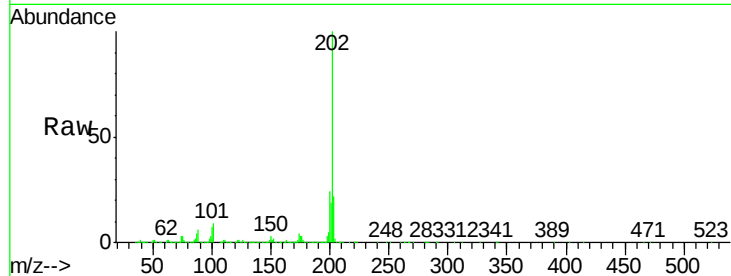
Tot Ion:202 Resp: 2240245

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.4

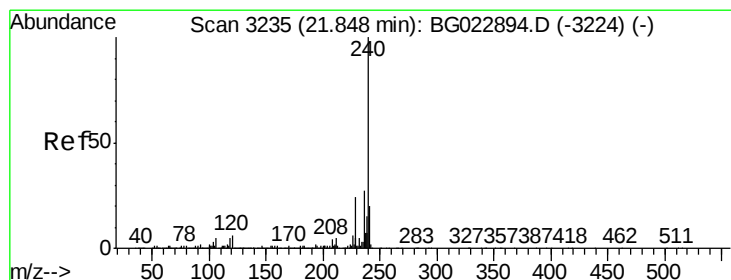
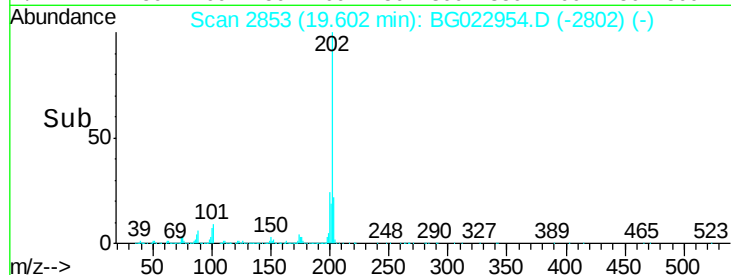
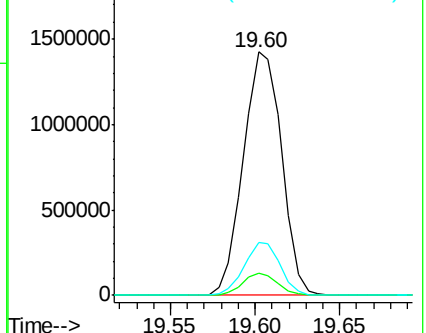
203 21.5 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

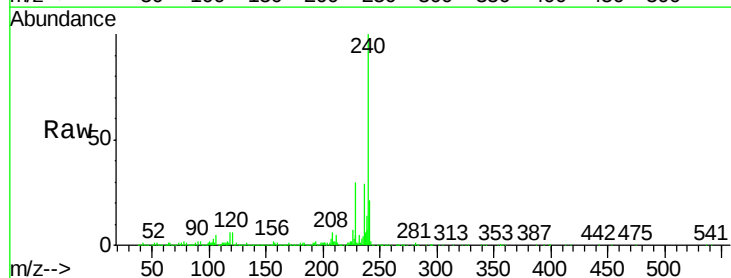
Tgt Ion:240 Resp: 977014

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

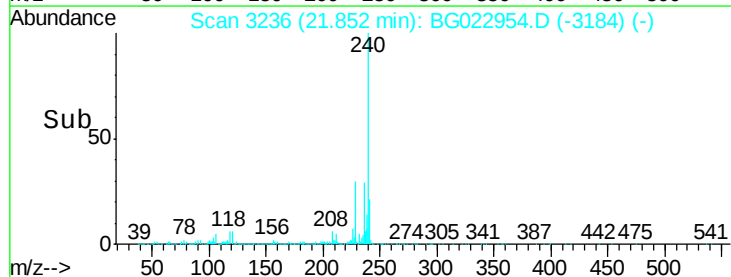
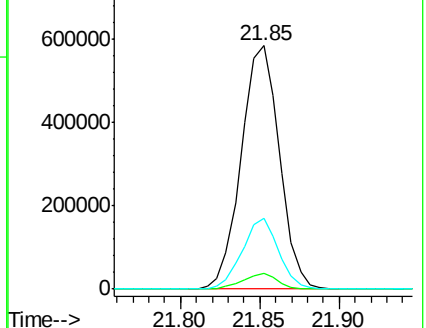
236 28.9 21.1 31.7

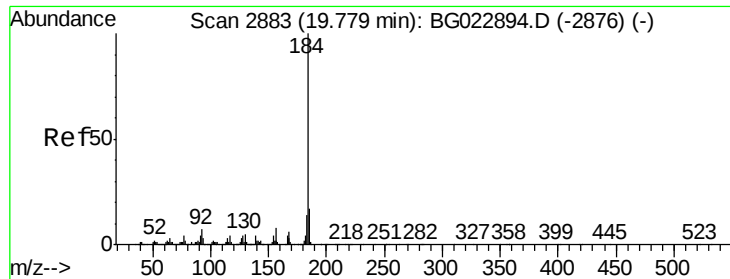


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

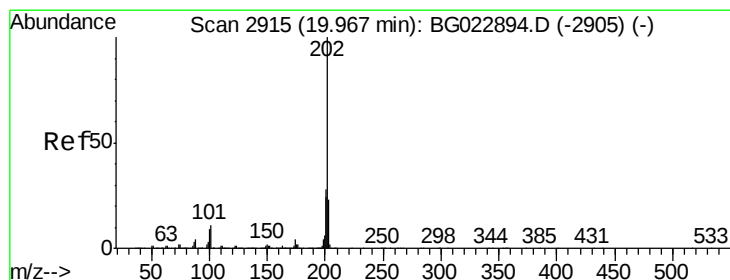
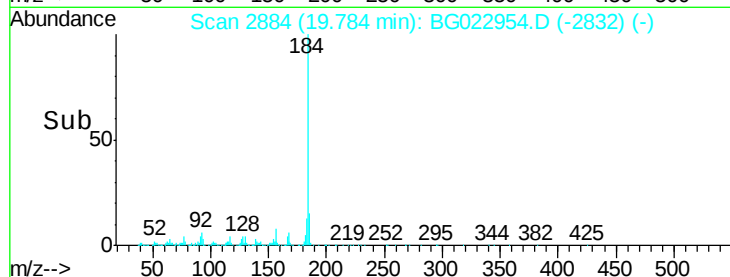
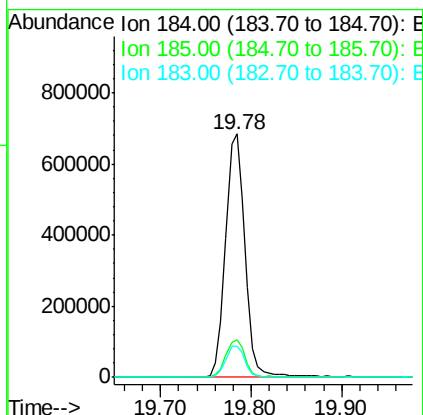
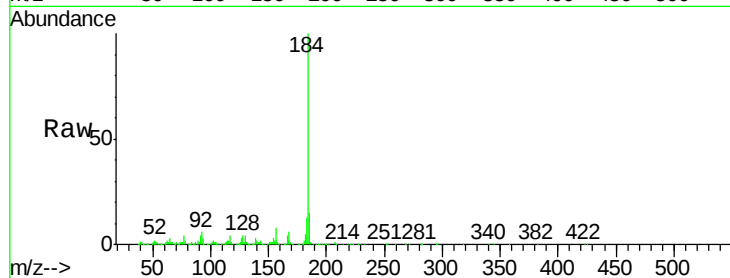




#76
Benzidine
Concen: 36.41 ng
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

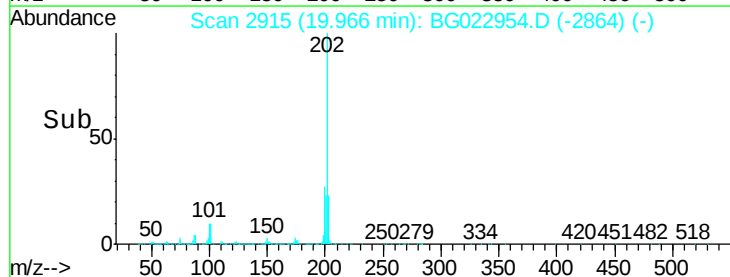
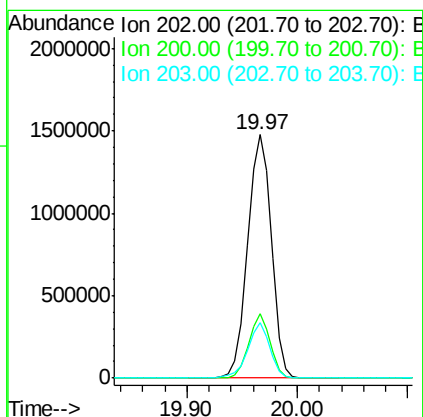
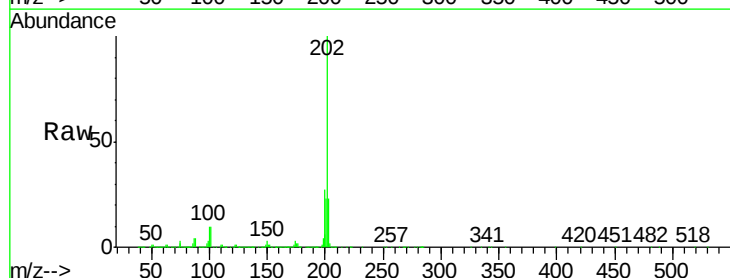
Instrument :
BNA_G
ClientSampleId :
PB91977BSD

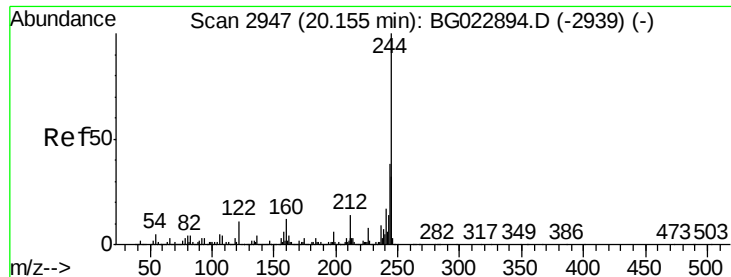
Tot Ion:184 Resp: 1019898
Ion Ratio Lower Upper
184 100
185 15.3 12.6 19.0
183 12.8 10.7 16.1



#77
Pyrene
Concen: 40.74 ng
RT: 19.97 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:202 Resp: 2236493
Ion Ratio Lower Upper
202 100
200 26.7 21.2 31.8
203 22.7 16.8 25.2





#78

Terphenyl-d14

Concen: 99.65 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

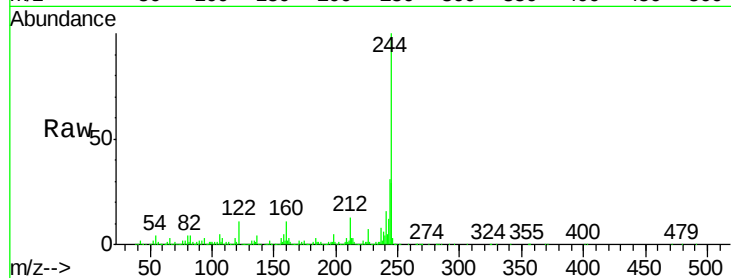
Tot Ion:244 Resp: 2874832

Ion Ratio Lower Upper

244 100

212 13.3 10.8 16.2

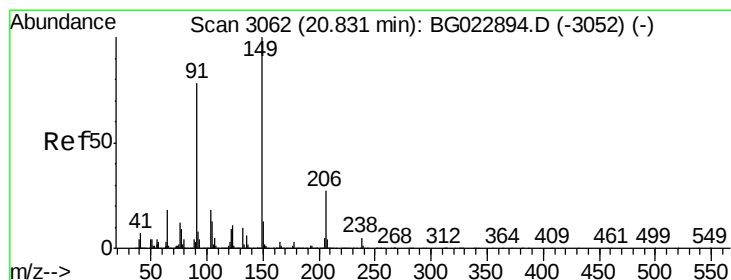
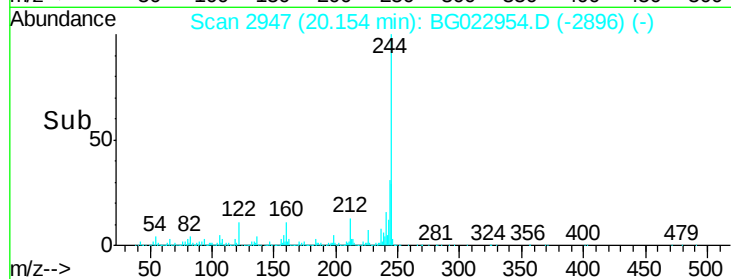
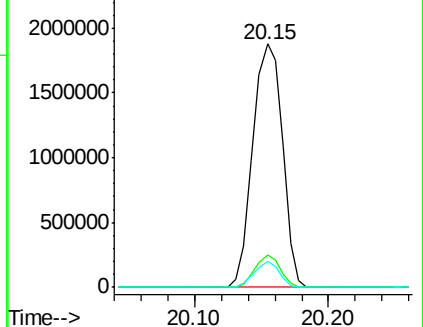
122 10.9 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.95 ng

RT: 20.84 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

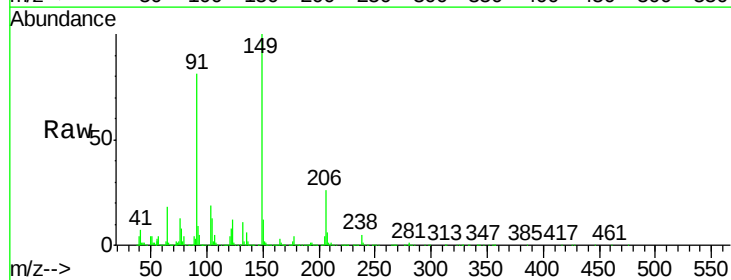
Tgt Ion:149 Resp: 955766

Ion Ratio Lower Upper

149 100

91 80.7 68.1 102.1

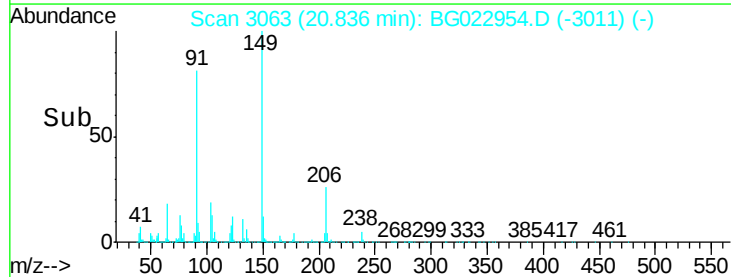
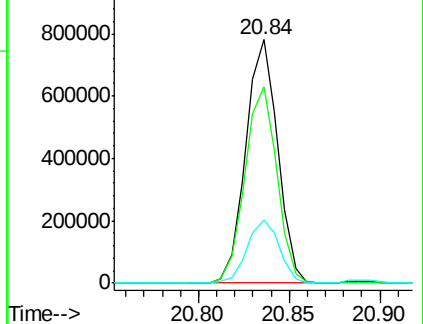
206 26.1 19.8 29.6

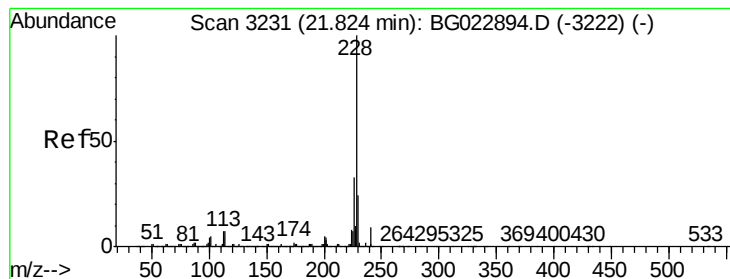


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.31 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

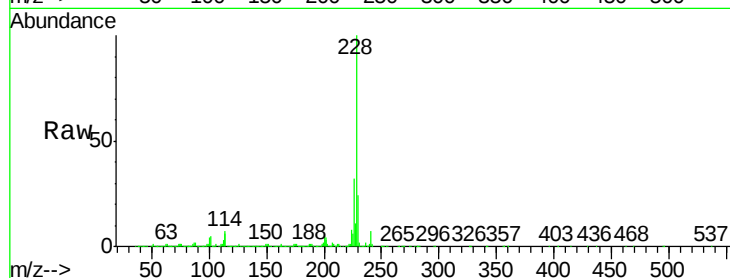
BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:228 Resp: 2312662

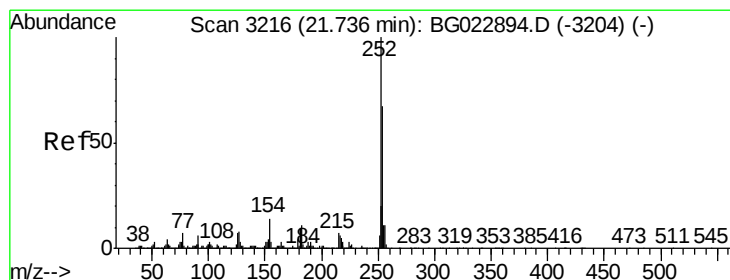
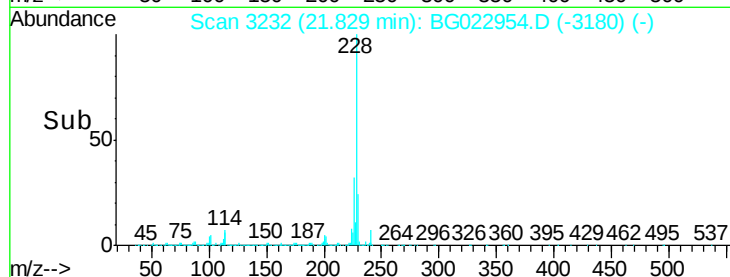
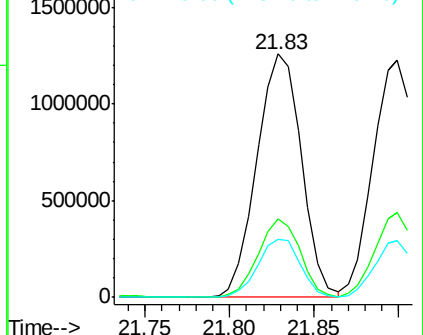
Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.3	37.9
229	24.0	19.9	29.9



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: 23.78 ng

RT: 21.74 min Scan# 3217

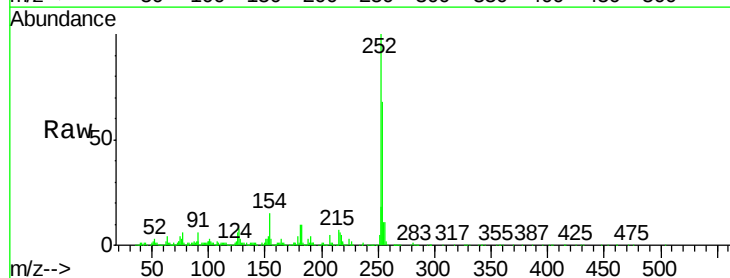
Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:252 Resp: 570539

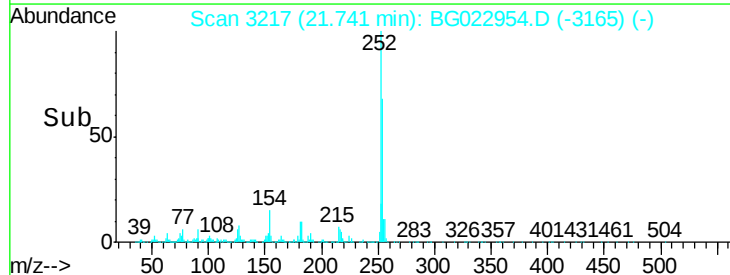
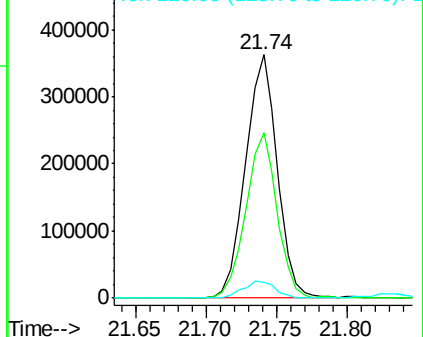
Ion	Ratio	Lower	Upper
252	100		
254	67.9	51.2	76.8
126	6.5	5.3	7.9

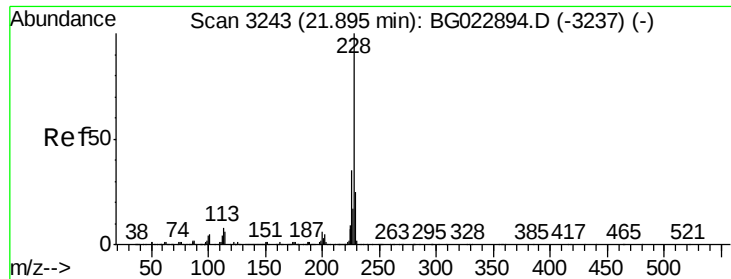


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.70 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

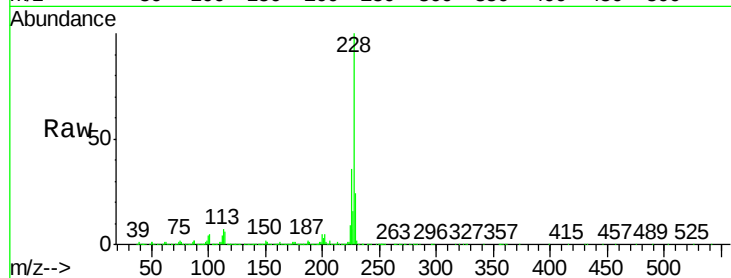
Tot Ion:228 Resp: 2189440

Ion Ratio Lower Upper

228 100

226 35.8 26.7 40.1

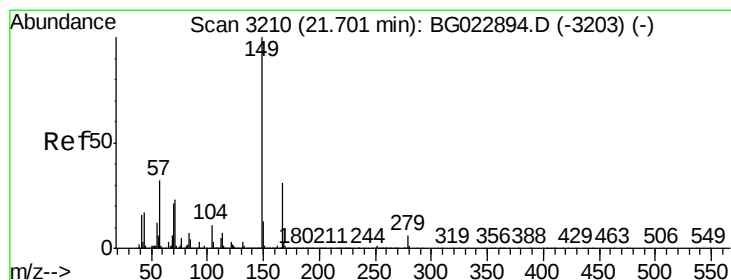
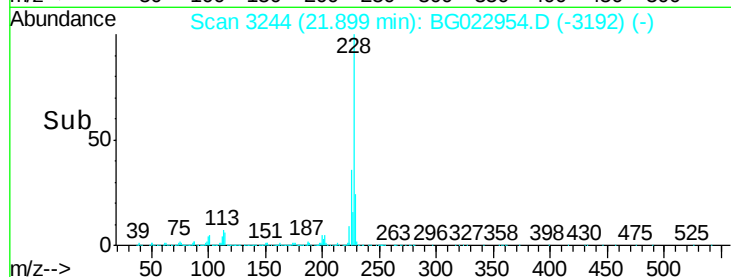
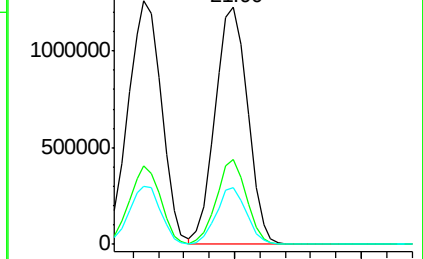
229 23.8 17.4 26.2



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: 43.08 ng

RT: 21.71 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

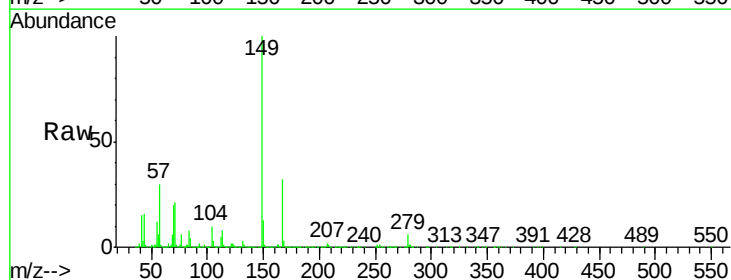
Tgt Ion:149 Resp: 1300932

Ion Ratio Lower Upper

149 100

167 32.0 24.0 36.0

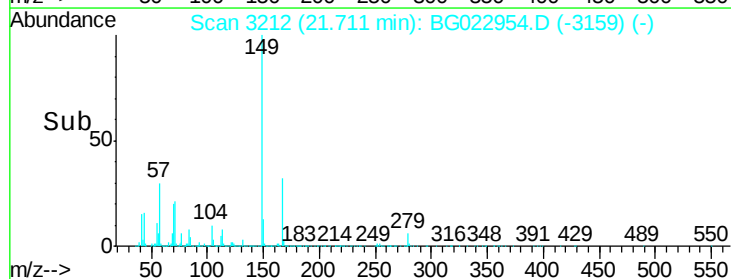
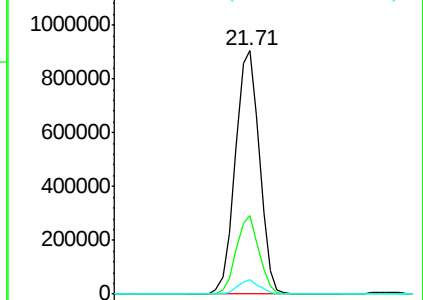
279 6.1 4.8 7.2

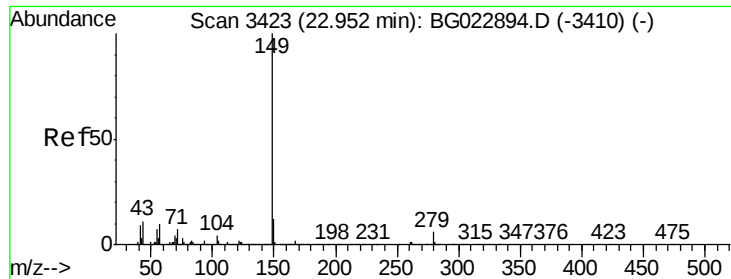


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.78 ng

RT: 22.96 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

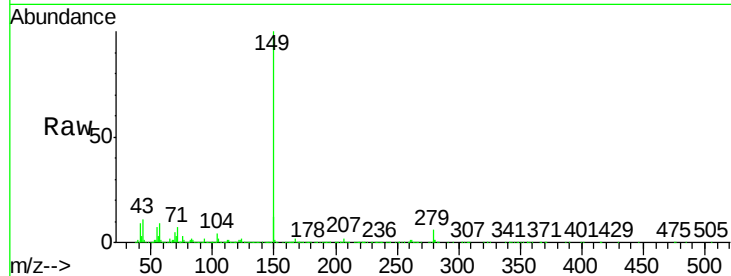
BNA_G

ClientSampleId :

PB91977BSD

Tot Ion:149 Resp: 2154323

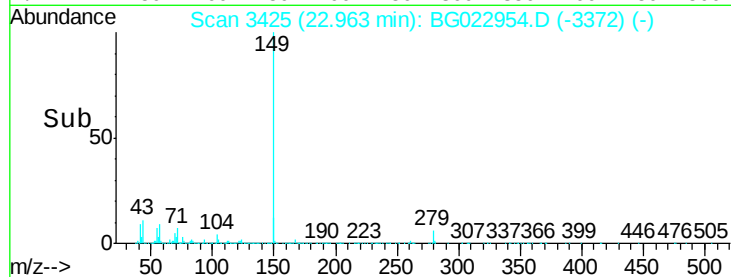
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.2	8.8	13.2



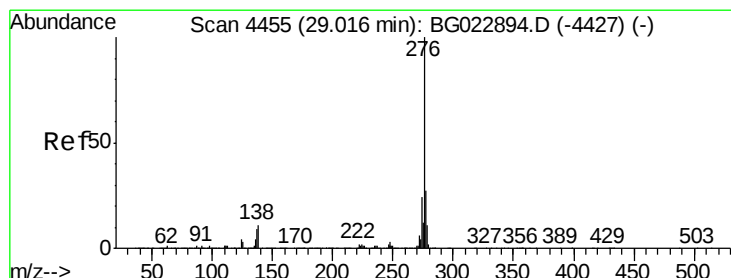
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.72 ng

RT: 29.06 min Scan# 4462

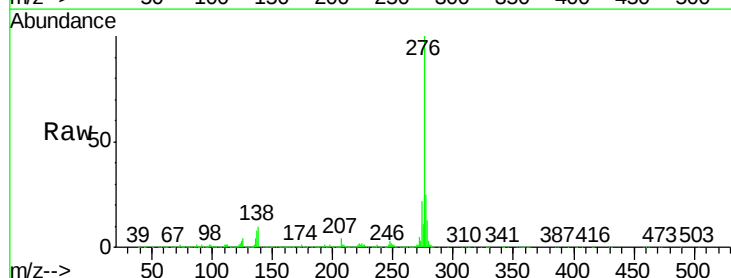
Delta R.T. 0.04 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Tgt Ion:276 Resp: 2792863

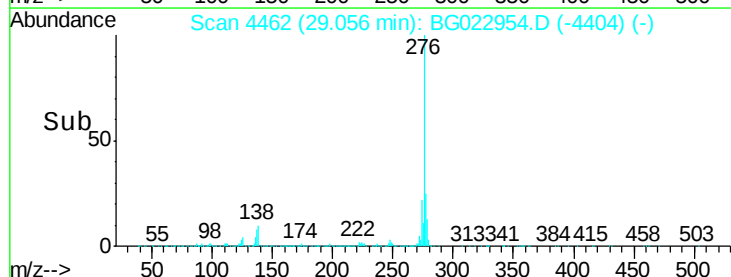
Ion	Ratio	Lower	Upper
276	100		
138	13.2	0.0	0.0#
277	26.3	0.0	0.0#



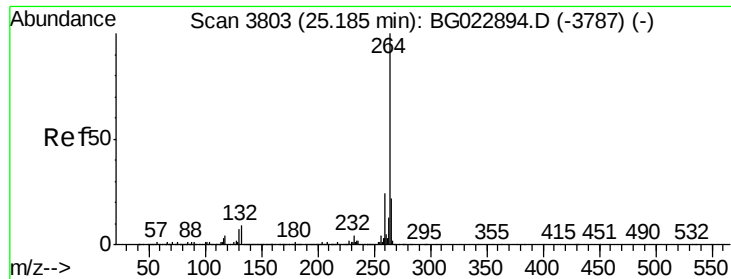
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

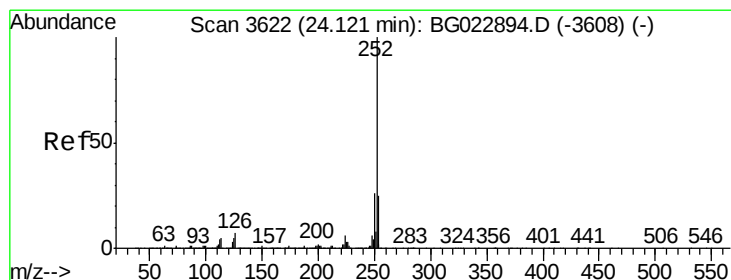
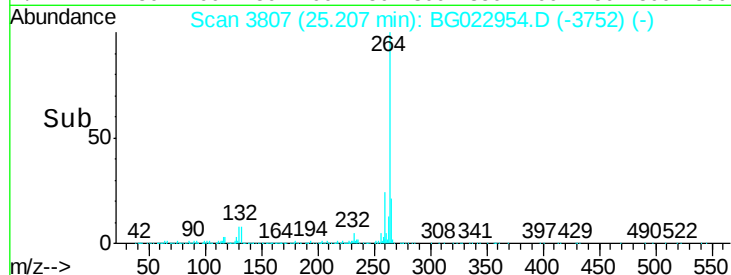
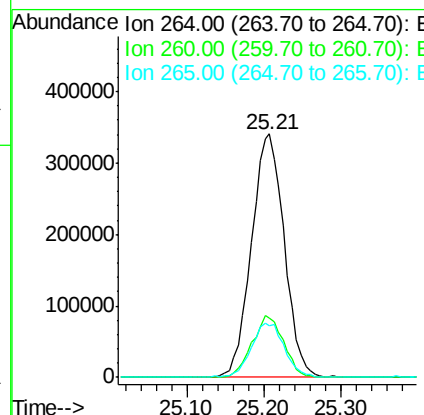
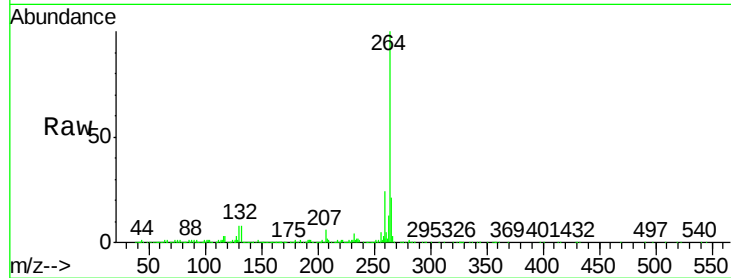


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Instrument :
BNA_G
ClientSampleId :
PB91977BSD

Tot Ion:264 Resp: 1013647

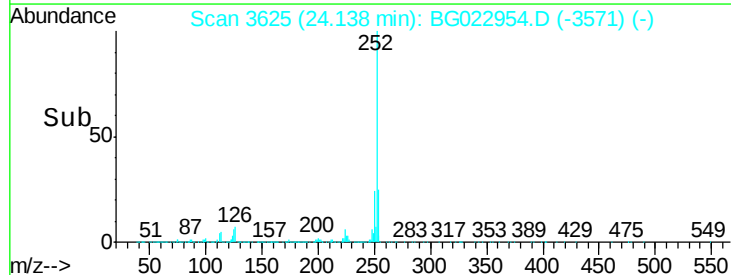
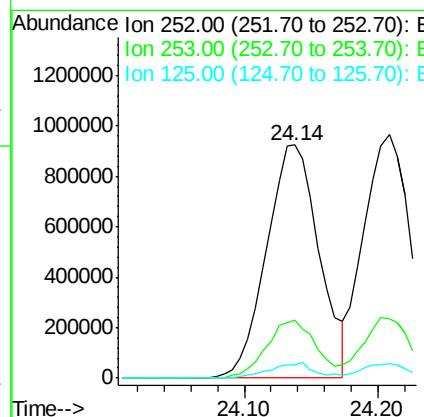
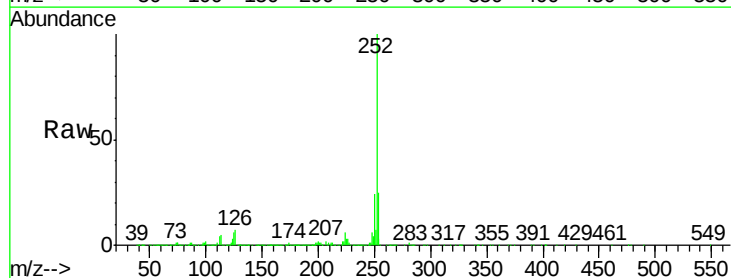
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	21.3	18.9	28.3

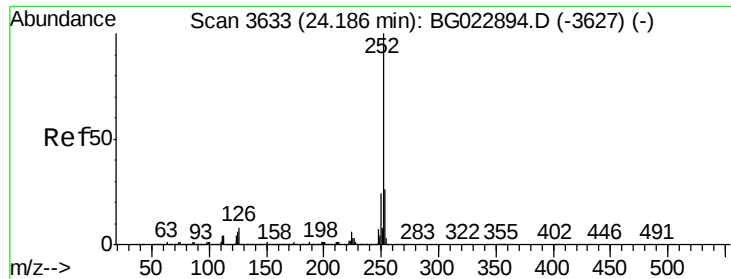


#87
Benzo(b)fluoranthene
Concen: 43.24 ng
RT: 24.14 min Scan# 3625
Delta R.T. 0.02 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:252 Resp: 2528713

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.9	28.3
125	5.6	3.9	5.9





#88

Benzo(k)fluoranthene

Concen: 41.95 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.02 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

Instrument :

BNA_G

ClientSampleId :

PB91977BSD

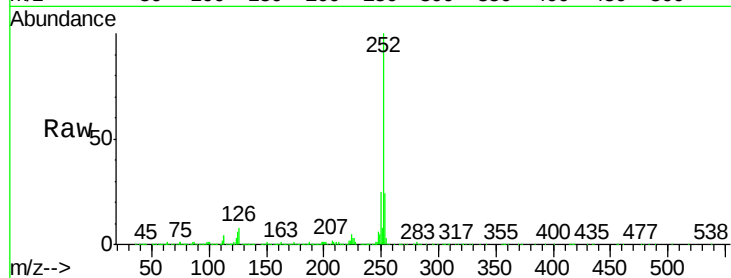
Tot Ion:252 Resp: 2328117

Ion Ratio Lower Upper

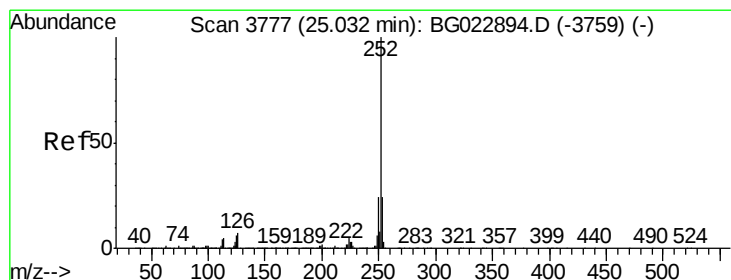
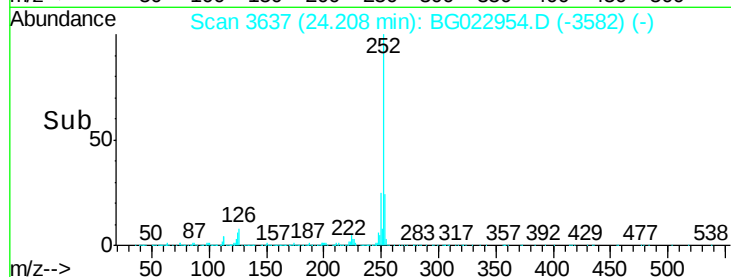
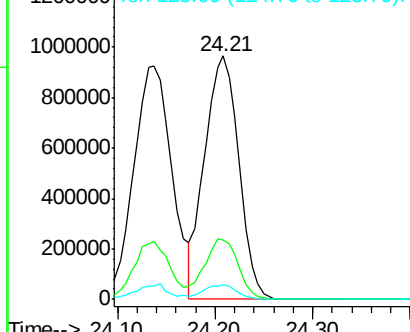
252 100

253 24.5 18.8 28.2

125 6.1 3.2 4.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 42.71 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.02 min

Lab File: BG022954.D

Acq: 9 Jul 2016 6:46

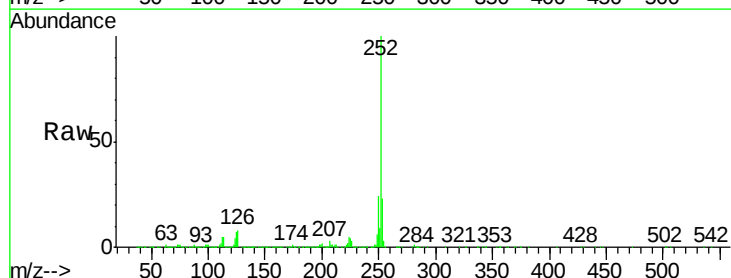
Tgt Ion:252 Resp: 2394190

Ion Ratio Lower Upper

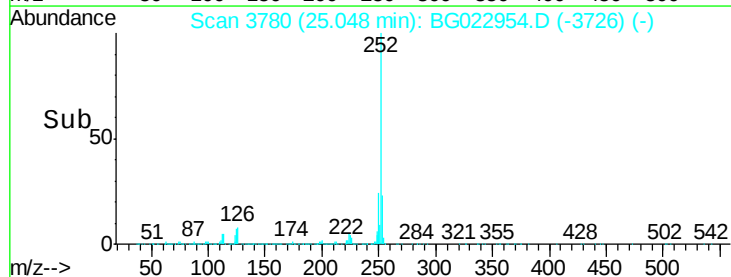
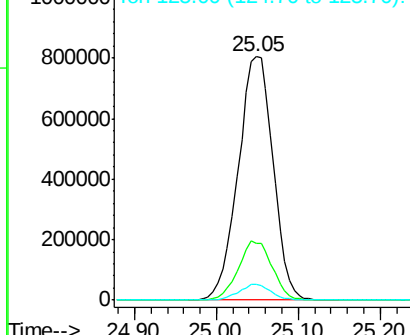
252 100

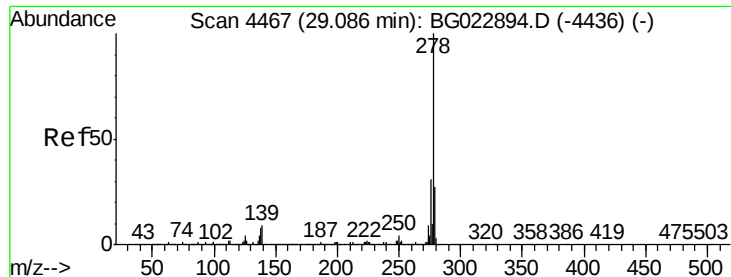
253 23.4 18.7 28.1

125 6.7 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

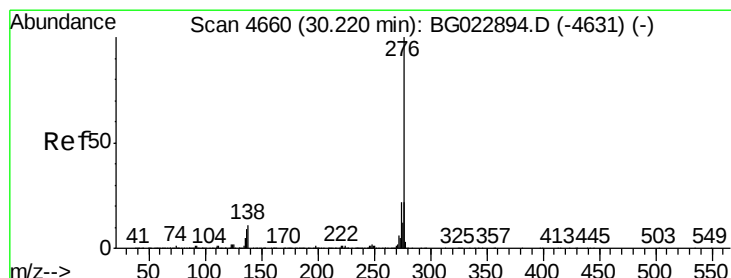
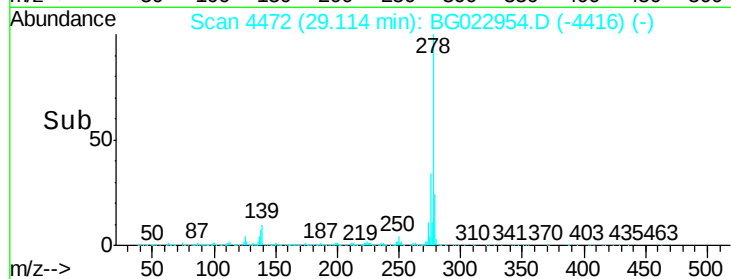
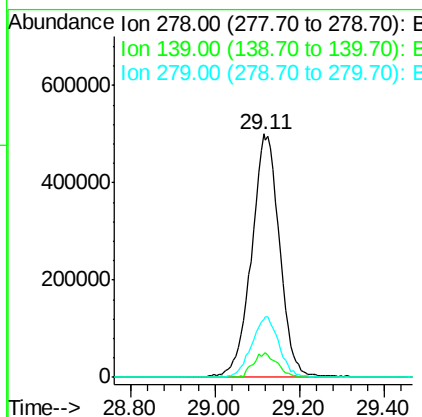
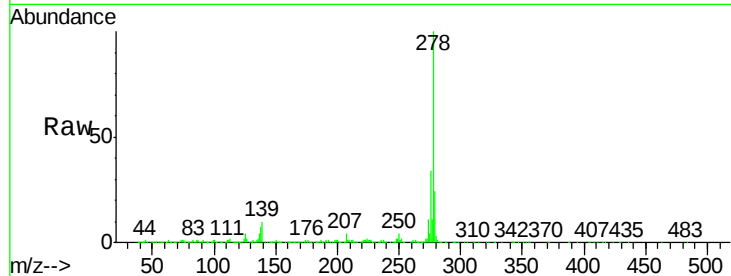




#90
Dibenzo(a,h)anthracene
Concen: 41.82 ng
RT: 29.11 min Scan# 4472
Delta R.T. 0.03 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Instrument :
BNA_G
ClientSampleId :
PB91977BSD

Tot Ion:278 Resp: 2326608
Ion Ratio Lower Upper
278 100
139 9.5 4.7 7.1#
279 23.8 18.3 27.5



#91
Benzo(g,h,i)perylene
Concen: 41.42 ng
RT: 30.26 min Scan# 4667
Delta R.T. 0.04 min
Lab File: BG022954.D
Acq: 9 Jul 2016 6:46

Tgt Ion:276 Resp: 2308196
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 11.5 6.8 10.2#

