

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023096.D
 Acq On : 14 Jul 2016 11:30
 Operator : UM/SJ
 Sample : PB92086BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

Quant Time: Jul 14 17:57:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	103044	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	477271	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	388481	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	951722	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1011208	20.00	ng	0.02
86) Perylene-d12	25.25	264	1036472	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	822396	130.53	ng	0.00
7) Phenol-d6	7.32	99	1283518	130.07	ng	0.00
23) Nitrobenzene-d5	9.33	82	900556	80.80	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	700350	100.31	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1851571	75.07	ng	0.00
78) Terphenyl-d14	20.16	244	2758476	87.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	109458	44.70	ng	97
3) Pyridine	3.97	79	267640	31.94	ng	92
4) n-Nitrosodimethylamine	3.88	42	135923	37.81	ng	# 86
6) Aniline	7.47	93	360965	26.39	ng	94
8) 2-Chlorophenol	7.71	128	301738	45.00	ng	98
9) Benzaldehyde	7.29	77	141972	21.53	ng	96
10) Phenol	7.34	94	457886	45.10	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	303127	37.67	ng	90
12) 1,3-Dichlorobenzene	8.04	146	293984	35.82	ng	98
13) 1,4-Dichlorobenzene	8.19	146	305358	37.16	ng	98
14) 1,2-Dichlorobenzene	8.51	146	297383	36.41	ng	96
15) Benzyl Alcohol	8.39	79	401285	44.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	380041	38.66	ng	92
17) 2-Methylphenol	8.60	107	292574	44.27	ng	94
18) Hexachloroethane	9.25	117	125374	36.15	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	331944	37.32	ng	100
20) 3+4-Methylphenols	8.93	107	414219	44.94	ng	98
22) Acetophenone	8.98	105	523583	36.55	ng	# 91
24) Nitrobenzene	9.37	77	483500	40.82	ng	93
25) Isophorone	9.89	82	848987	37.87	ng	98
26) 2-Nitrophenol	10.09	139	187455	40.34	ng	92
27) 2,4-Dimethylphenol	10.14	122	333940	41.57	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	484390	38.74	ng	100
29) 2,4-Dichlorophenol	10.63	162	369514	43.13	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	368166	37.50	ng	96
31) Naphthalene	11.03	128	931981	38.36	ng	98
32) Benzoic acid	10.28	122	221300	30.28	ng	94
33) 4-Chloroaniline	11.15	127	195353	16.44	ng	98
34) Hexachlorobutadiene	11.31	225	277404	34.85	ng	96
35) Caprolactam	11.92	113	136957	38.85	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	473137	40.37	ng	95
37) 2-Methylnaphthalene	12.63	142	772525	40.23	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	495337	29.59	ng	99
40) Hexachlorocyclopentadiene	12.97	237	651416	67.59	ng	98

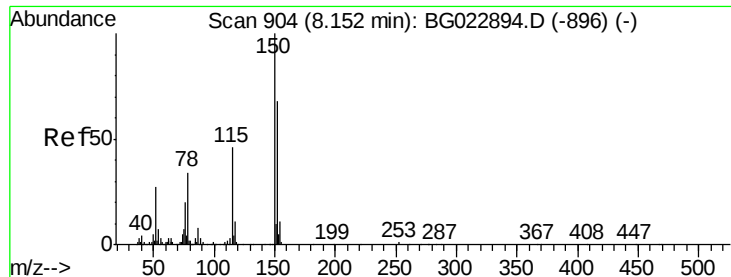
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023096.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	354871	36.88	ng	98
43) 2,4,5-Trichlorophenol	13.31	196	379770	38.43	ng	96
45) 1,1'-Biphenyl	13.64	154	1090152	37.40	ng	100
46) 2-Chloronaphthalene	13.68	162	889731	37.63	ng	97
47) 2-Nitroaniline	13.88	65	397476	39.40	ng	96
48) Acenaphthylene	14.53	152	1367182	38.54	ng	99
49) Dimethylphthalate	14.25	163	1218815	38.41	ng	97
50) 2,6-Dinitrotoluene	14.38	165	282763	39.65	ng	90
51) Acenaphthene	14.87	154	892399	38.50	ng	100
52) 3-Nitroaniline	14.71	138	180561	25.39	ng	94
53) 2,4-Dinitrophenol	14.92	184	343259	70.15	ng	95
54) Dibenzofuran	15.20	168	1447271	41.72	ng	100
55) 4-Nitrophenol	15.02	139	429967	72.13	ng	97
56) 2,4-Dinitrotoluene	15.16	165	412122	39.64	ng	98
57) Fluorene	15.85	166	1188815	39.81	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.43	232	403160	40.78	ng	99
59) Diethylphthalate	15.61	149	1273904	39.45	ng	98
60) 4-Chlorophenyl-phenylether	15.83	204	686216	37.73	ng	98
61) 4-Nitroaniline	15.88	138	282597	36.72	ng	# 88
62) Azobenzene	16.13	77	1414034	45.79	ng	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	248742	35.17	ng	93
65) n-Nitrosodiphenylamine	16.06	169	1098590	40.07	ng	98
66) 4-Bromophenyl-phenylether	16.74	248	459750	37.13	ng	96
67) Hexachlorobenzene	16.86	284	481802	35.79	ng	96
68) Atrazine	17.00	200	467024	38.40	ng	100
69) Pentachlorophenol	17.20	266	616645	70.73	ng	98
70) Phenanthrene	17.60	178	1894943	40.63	ng	98
71) Anthracene	17.69	178	1926447	40.79	ng	99
72) Carbazole	17.96	167	1690040	41.41	ng	98
73) Di-n-butylphthalate	18.50	149	1993997	43.94	ng	99
74) Fluoranthene	19.61	202	2183100	38.14	ng	98
76) Benzidine	19.78	184	1054087	36.36	ng	98
77) Pyrene	19.97	202	2219505	39.06	ng	99
79) Butylbenzylphthalate	20.84	149	986740	43.84	ng	97
80) Benzo(a)anthracene	21.85	228	2324389	41.08	ng	99
81) 3,3'-Dichlorobenzidine	21.75	252	666425	26.84	ng	# 97
82) Chrysene	21.92	228	2174306	40.97	ng	97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1348863	43.16	ng	97
84) Di-n-octyl phthalate	22.98	149	2276842	43.68	ng	99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2638117	38.99	ng	# 100
87) Benzo(b)fluoranthene	24.17	252	2460095	41.14	ng	# 98
88) Benzo(k)fluoranthene	24.24	252	2324674	40.96	ng	# 96
89) Benzo(a)pyrene	25.08	252	2409647	42.04	ng	# 99
90) Dibenzo(a,h)anthracene	29.17	278	2200642	38.68	ng	# 97
91) Benzo(g,h,i)perylene	30.31	276	2111703	37.06	ng	# 93

(#) = 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: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

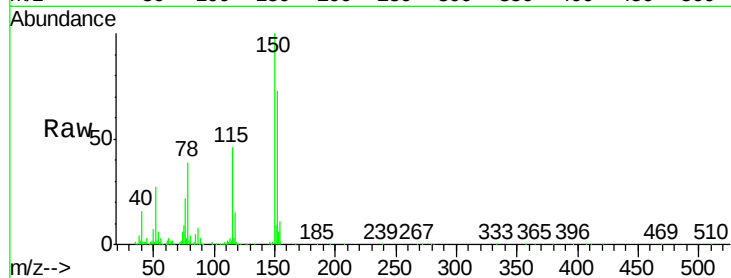
Tgt Ion:152 Resp: 103044

Ion Ratio Lower Upper

152 100

150 137.2 144.7 217.1#

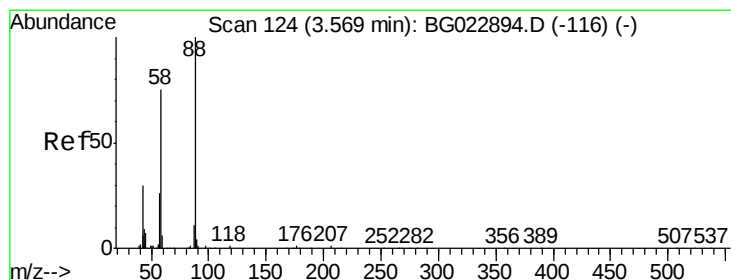
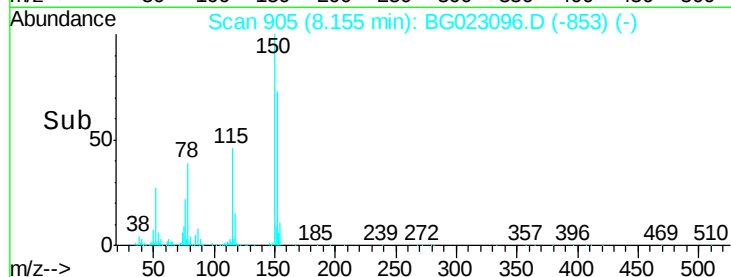
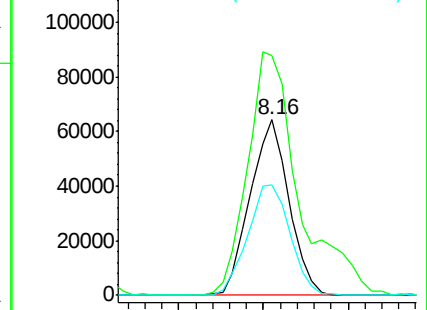
115 63.3 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.70 ng

RT: 3.56 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

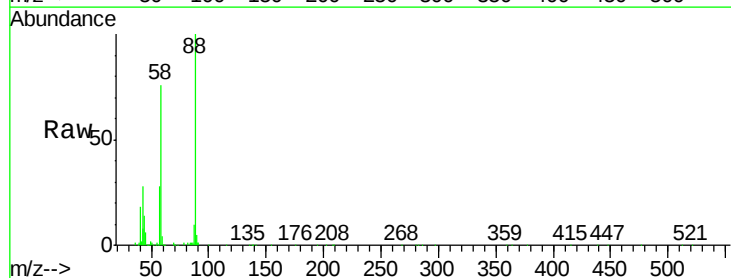
Tgt Ion: 88 Resp: 109458

Ion Ratio Lower Upper

88 100

58 76.1 60.4 90.6

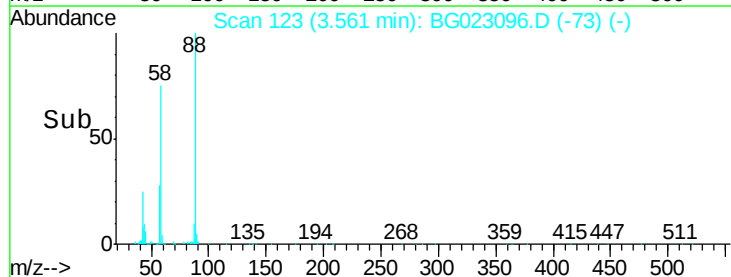
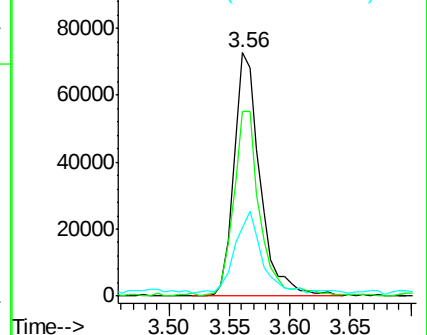
43 34.0 31.1 46.7

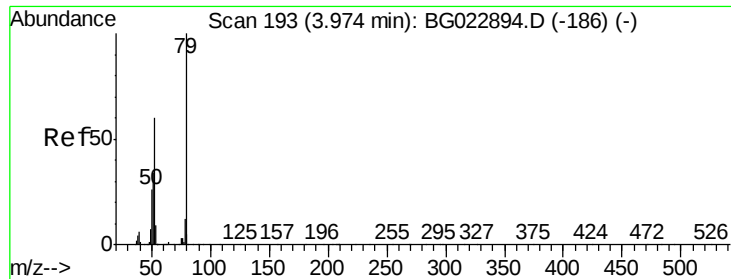


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.94 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

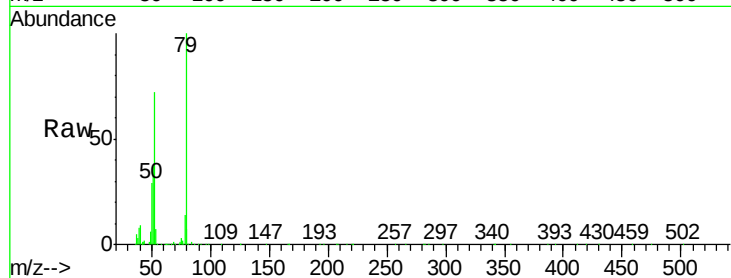
Tgt Ion: 79 Resp: 267640

Ion Ratio Lower Upper

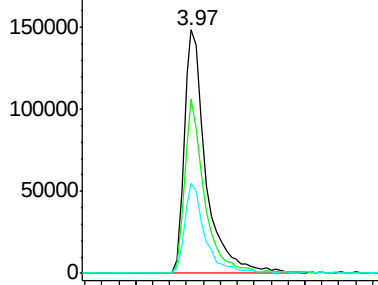
79 100

52 71.6 51.8 77.8

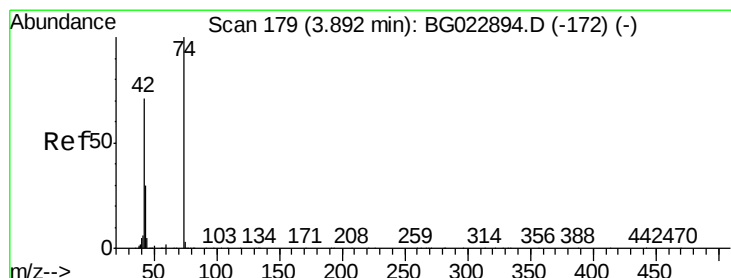
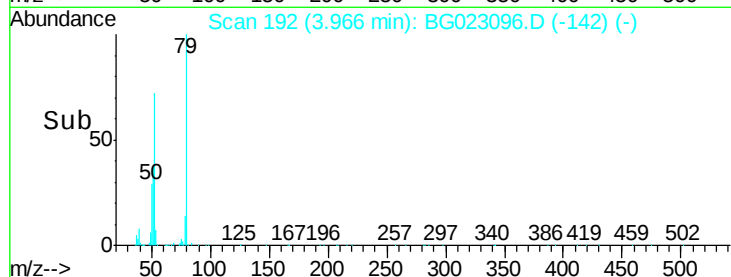
51 37.0 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
 200000 Ion 52.00 (51.70 to 52.70): BGC
 150000 Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 37.81 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

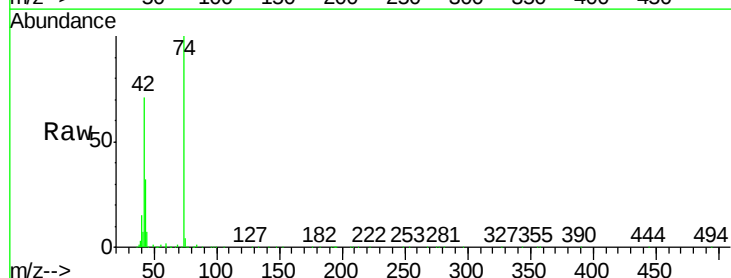
Tgt Ion: 42 Resp: 135923

Ion Ratio Lower Upper

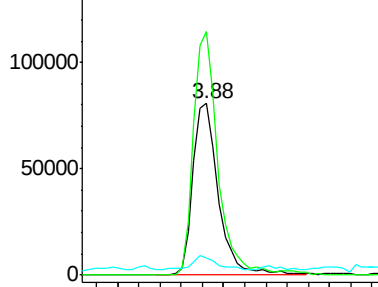
42 100

74 141.7 100.6 150.8

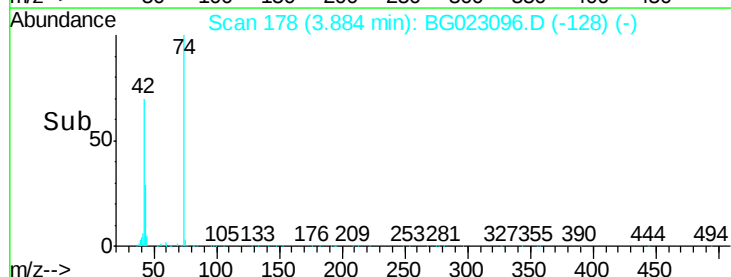
44 10.0 4.5 6.7#

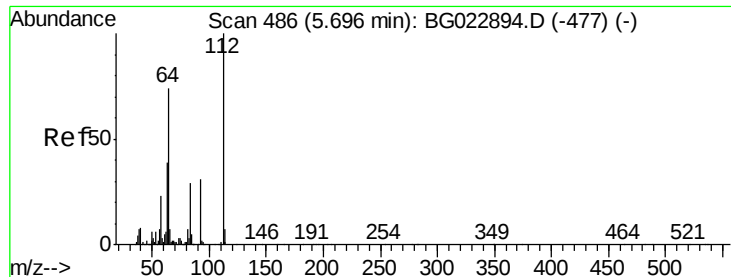


Abundance Ion 42.00 (41.70 to 42.70): BGC
 150000 Ion 74.00 (73.70 to 74.70): BGC
 100000 Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 130.53 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

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ClientSampleId :

PB92086BS

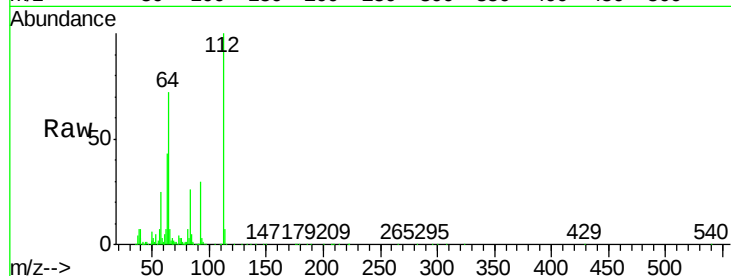
Tgt Ion: 112 Resp: 822396

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

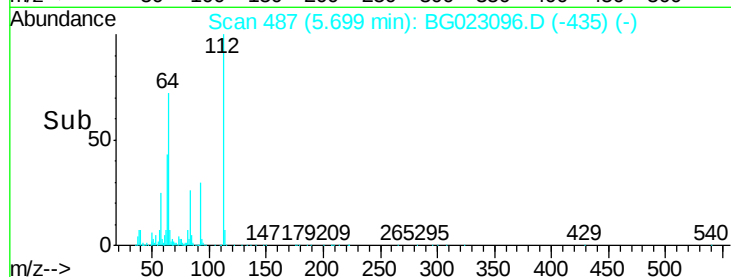
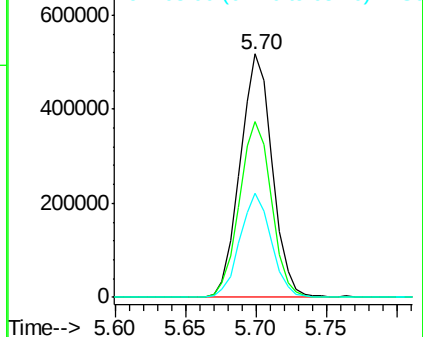
63 42.6 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.39 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

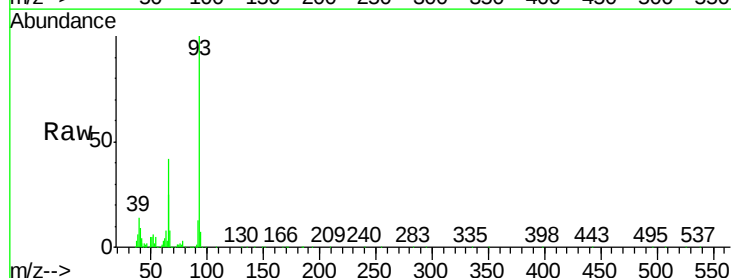
Tgt Ion: 93 Resp: 360965

Ion Ratio Lower Upper

93 100

66 42.1 37.5 56.3

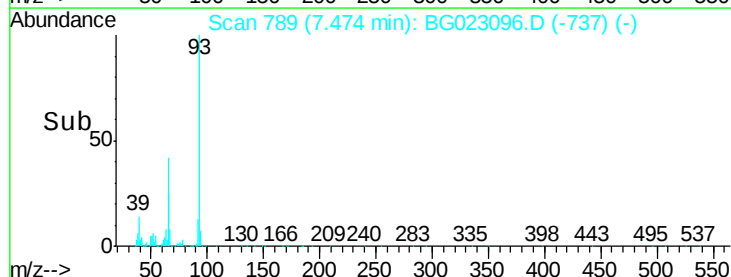
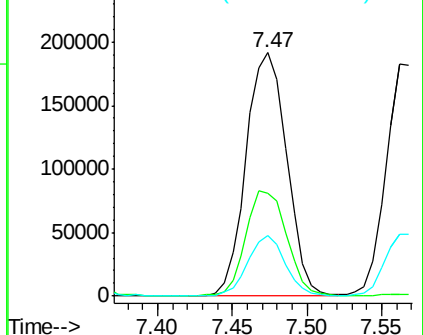
65 24.7 17.9 26.9

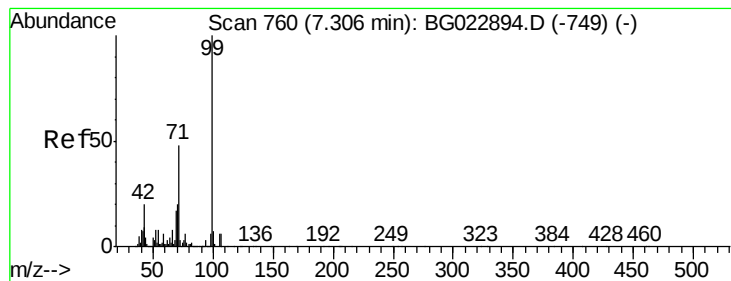


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.07 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

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ClientSampleId :

PB92086BS

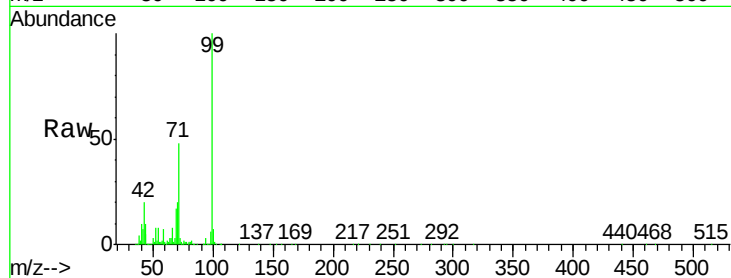
Tgt Ion: 99 Resp: 1283518

Ion Ratio Lower Upper

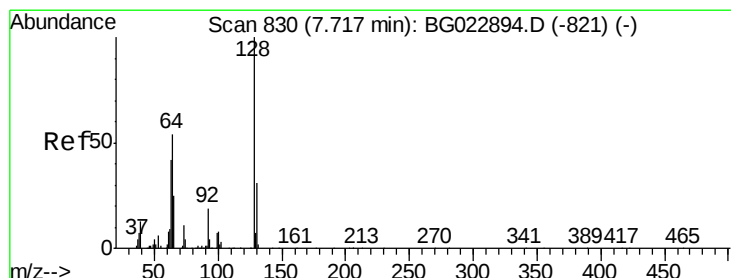
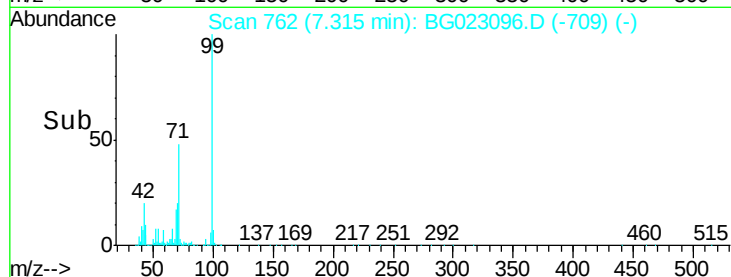
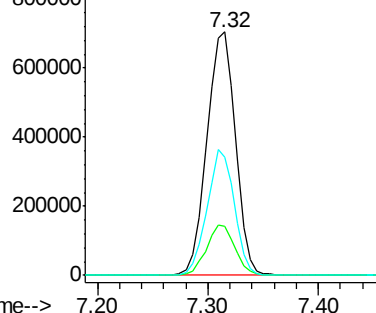
99 100

42 20.1 17.8 26.6

71 48.4 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.00 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

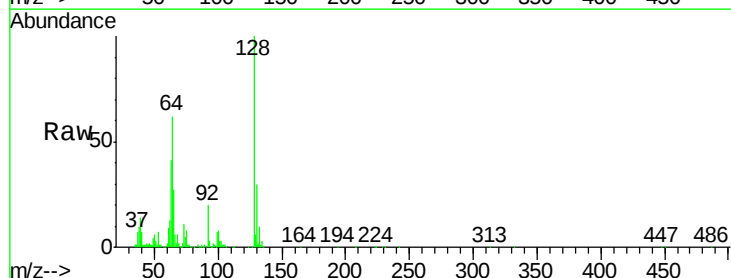
Tgt Ion: 128 Resp: 301738

Ion Ratio Lower Upper

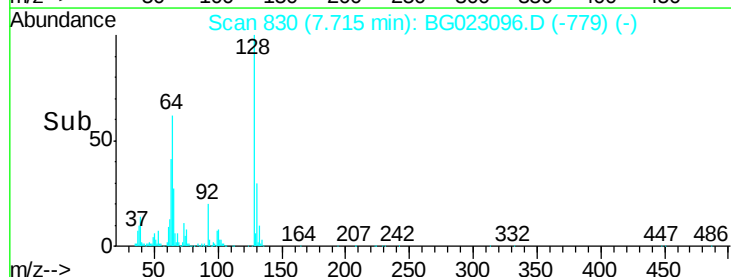
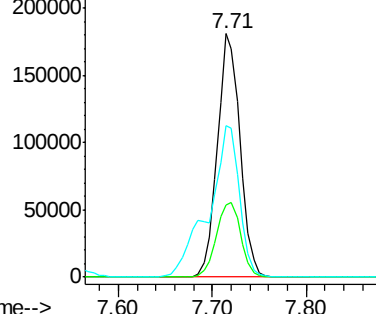
128 100

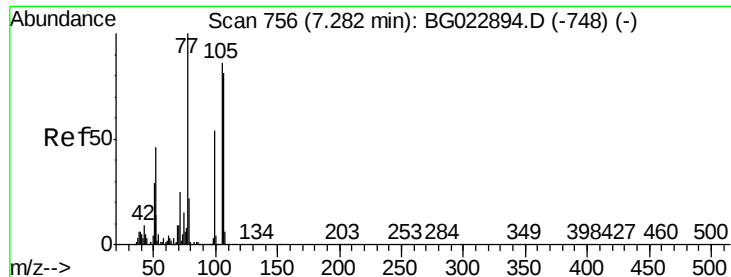
130 29.8 12.9 52.9

64 62.4 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: 21.53 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

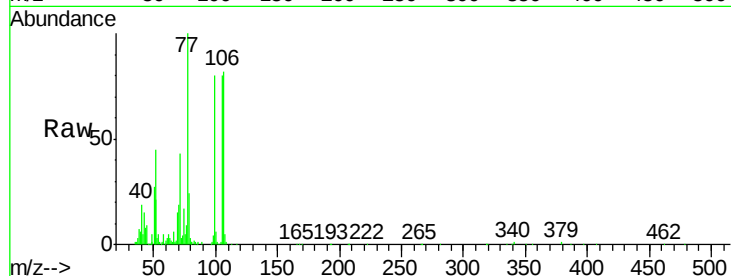
Tgt Ion: 77 Resp: 141972

Ion Ratio Lower Upper

77 100

105 80.1 58.7 98.7

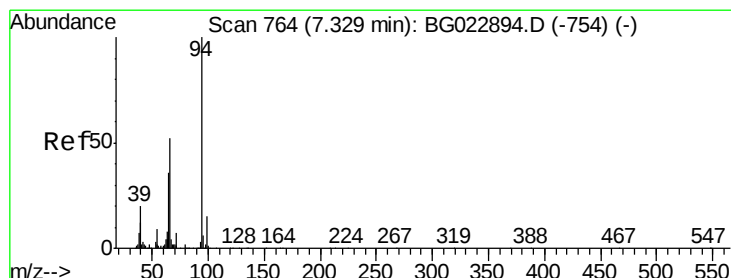
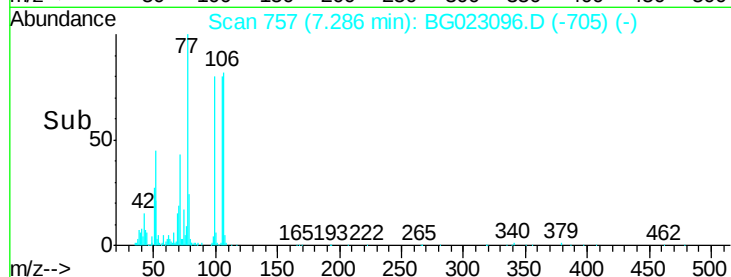
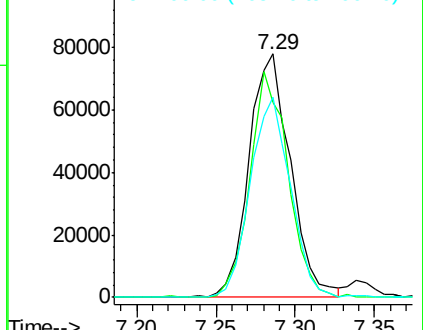
106 82.4 67.5 107.5



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: 45.10 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

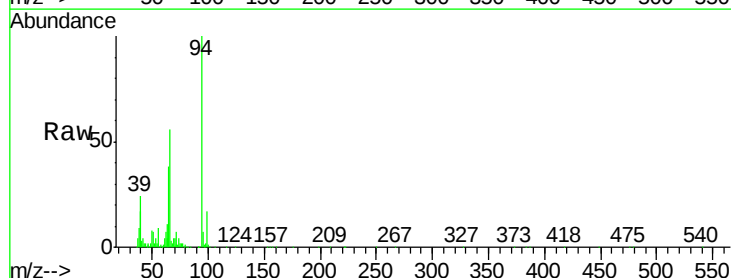
Tgt Ion: 94 Resp: 457886

Ion Ratio Lower Upper

94 100

65 38.1 18.1 58.1

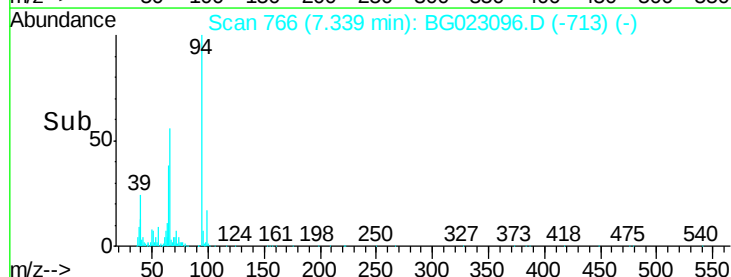
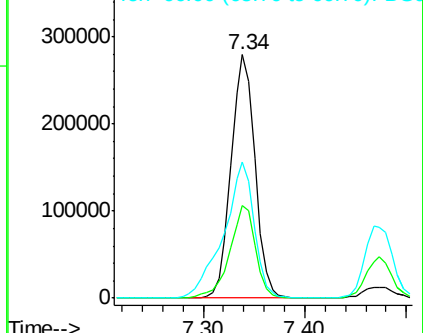
66 56.1 42.1 82.1

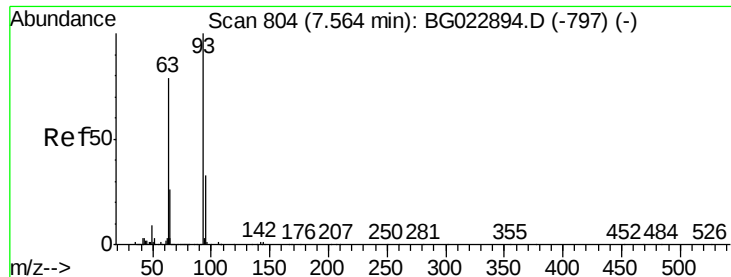


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

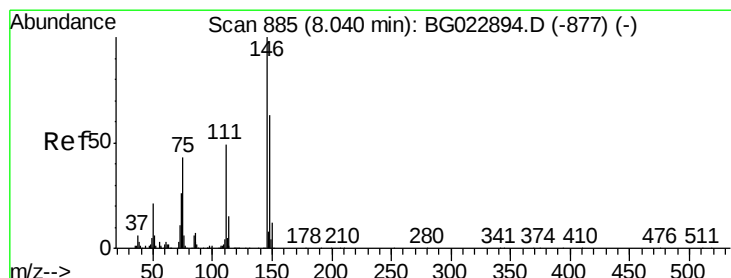
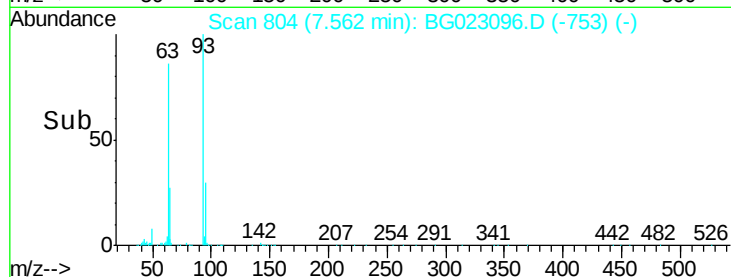
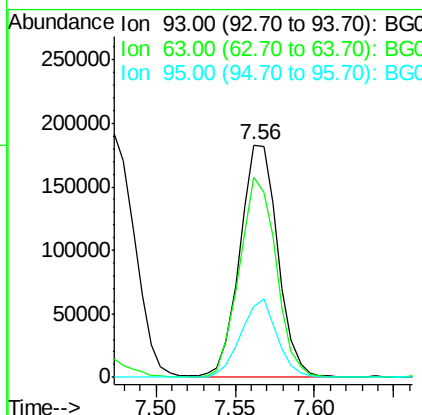
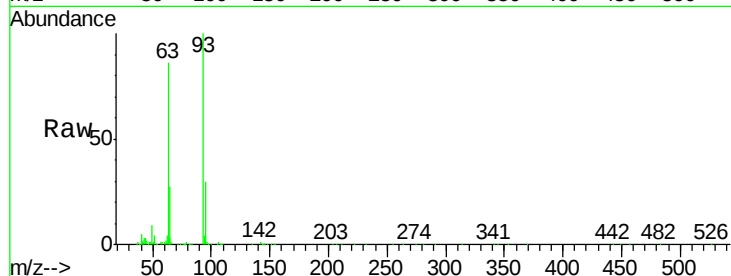




#11
bis(2-Chloroethyl)ether
Concen: 37.67 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

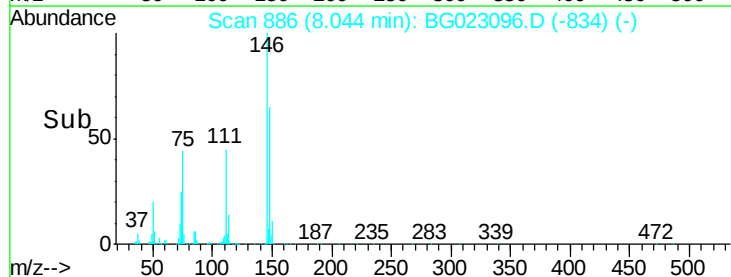
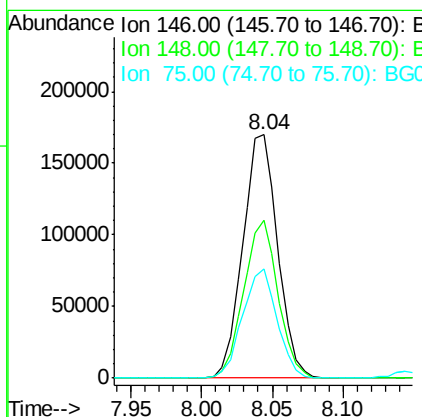
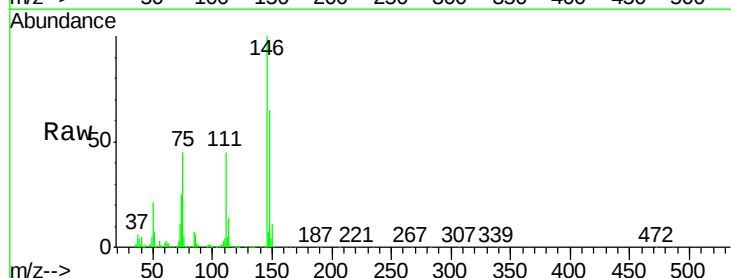
Instrument :
BNA_G
ClientSampleId :
PB92086BS

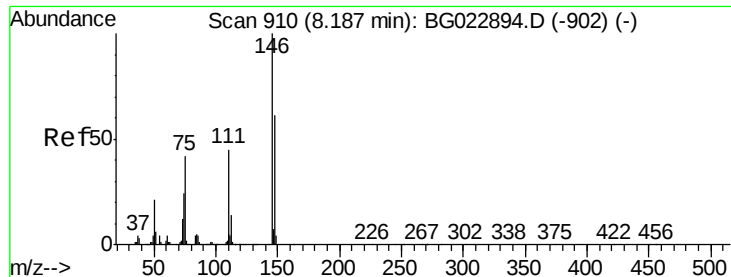
Tgt Ion: 93 Resp: 303127
Ion Ratio Lower Upper
93 100
63 86.2 55.0 95.0
95 30.4 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 35.82 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion: 146 Resp: 293984
Ion Ratio Lower Upper
146 100
148 65.0 50.3 75.5
75 44.9 37.0 55.6

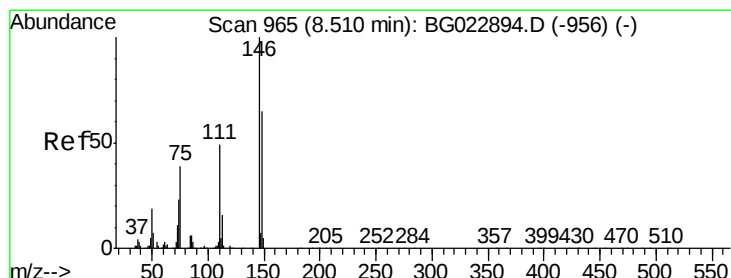
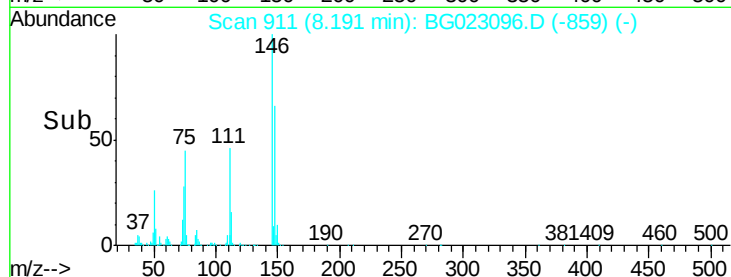
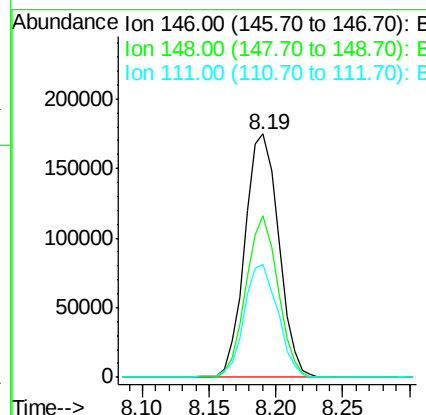
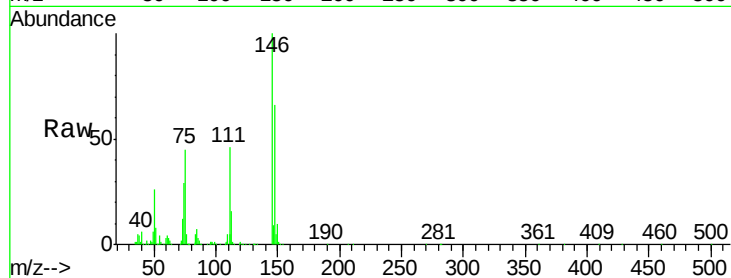




#13
 1,4-Dichlorobenzene
 Concen: 37.16 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

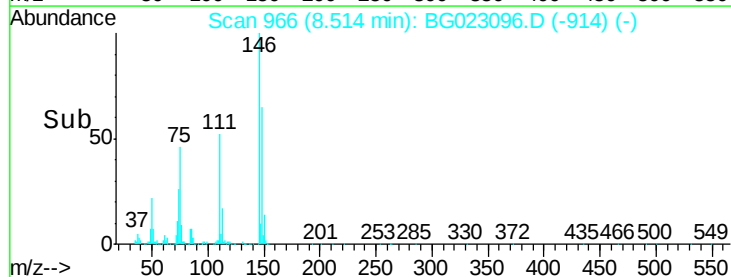
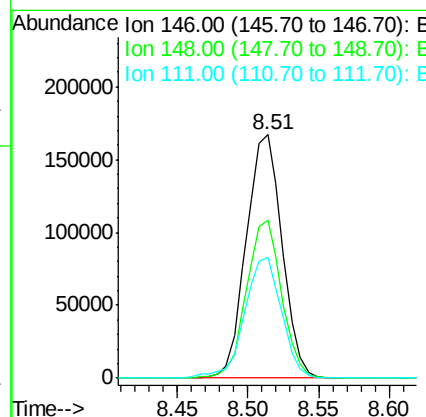
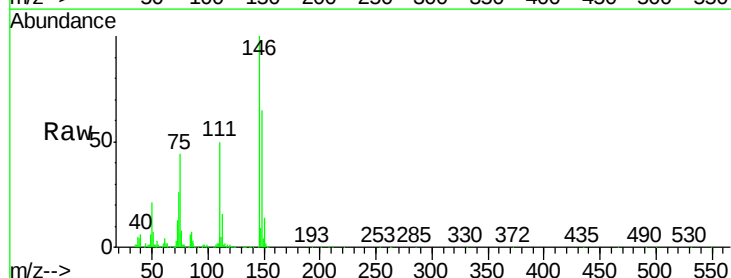
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

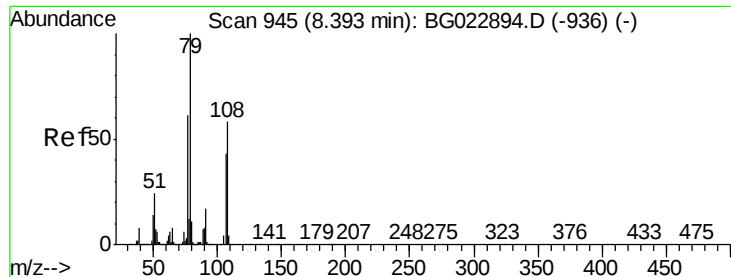
Tgt Ion:146 Resp: 305358
 Ion Ratio Lower Upper
 146 100
 148 66.2 54.5 81.7
 111 46.5 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 36.41 ng
 RT: 8.51 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion:146 Resp: 297383
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.9 79.3
 111 49.7 43.5 65.3





#15

Benzyl Alcohol

Concen: 44.40 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

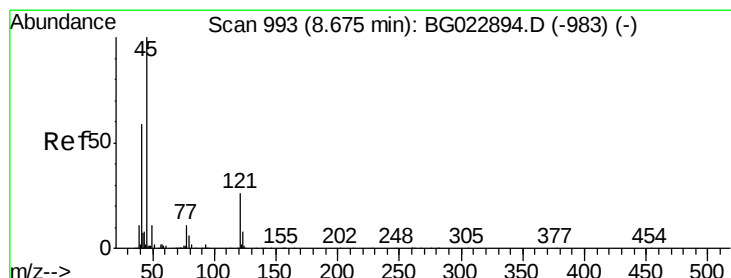
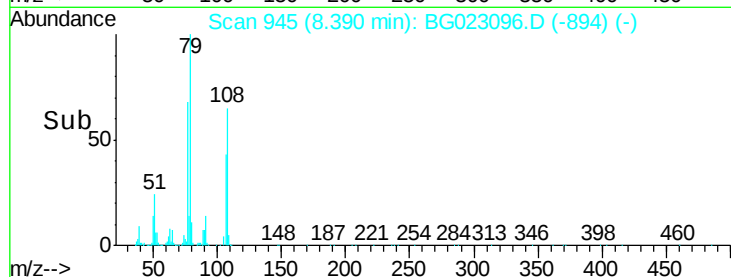
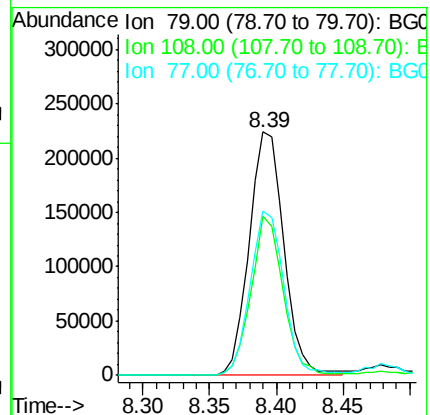
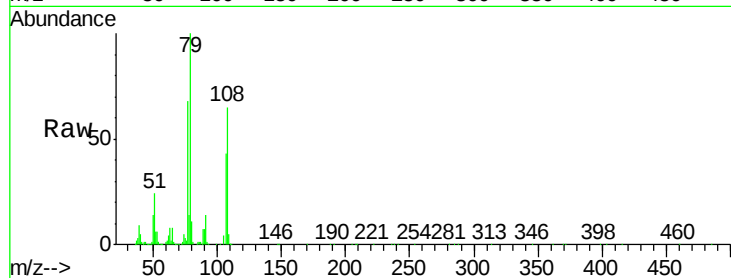
Tgt Ion: 79 Resp: 401285

Ion Ratio Lower Upper

79 100

108 65.5 46.5 69.7

77 67.7 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.66 ng

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

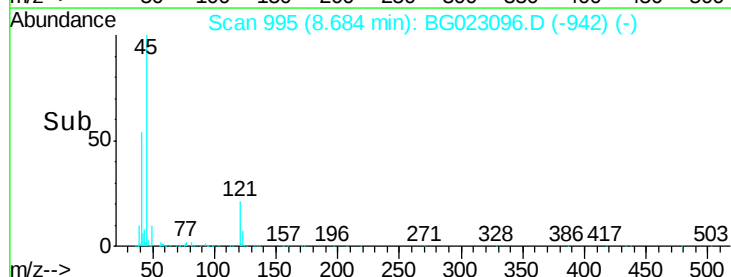
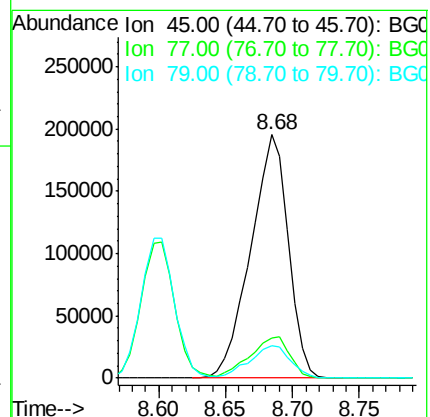
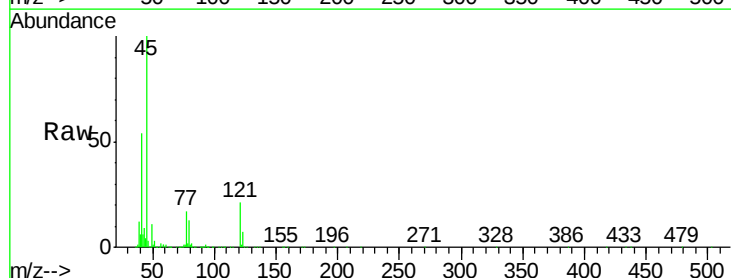
Tgt Ion: 45 Resp: 380041

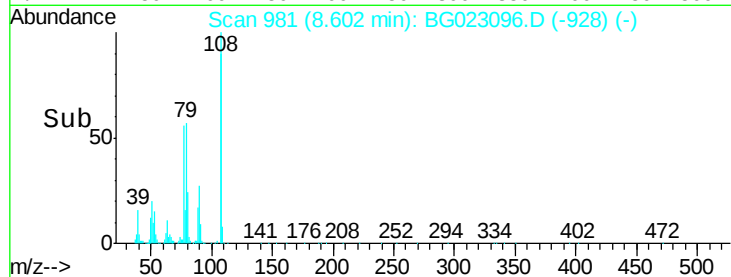
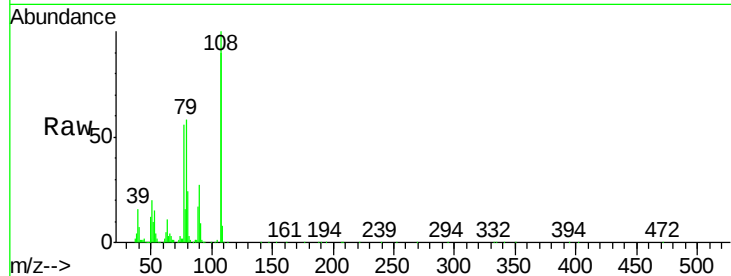
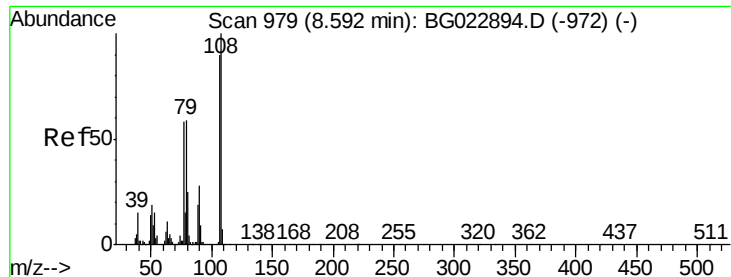
Ion Ratio Lower Upper

45 100

77 16.6 0.6 40.6

79 13.2 0.0 36.2

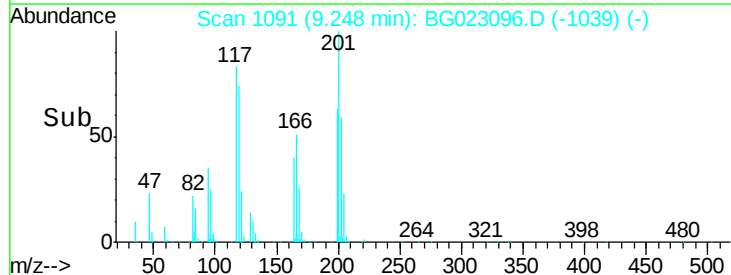
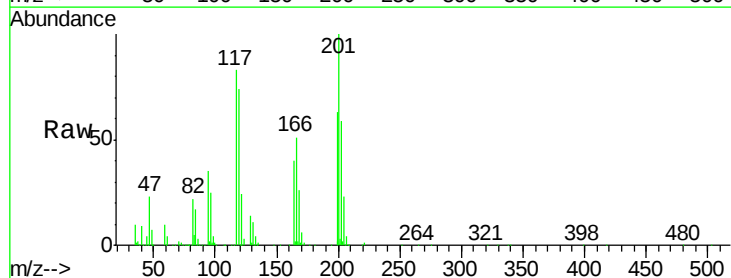
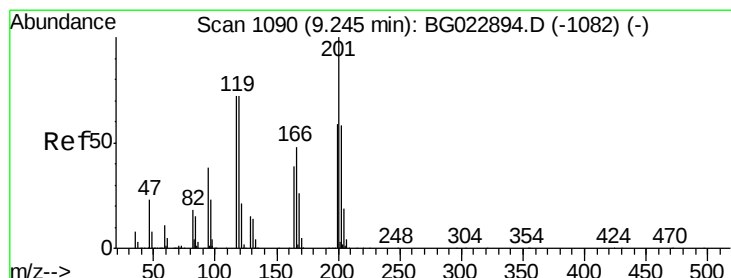
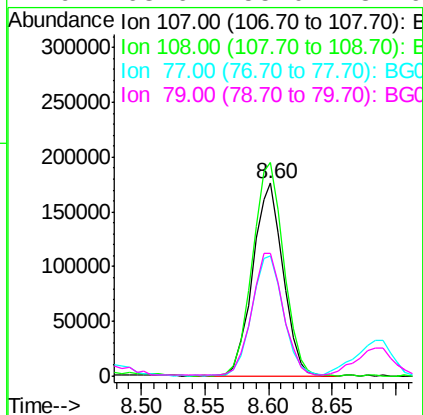




#17
2-Methylphenol
Concen: 44.27 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

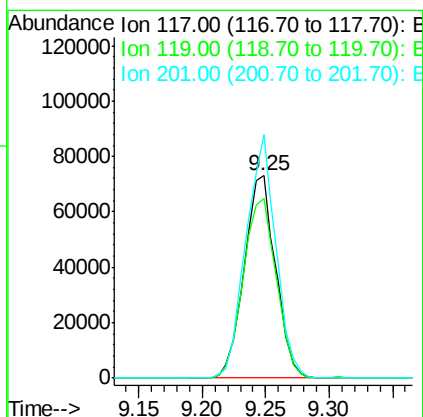
Instrument :
BNA_G
ClientSampleId :
PB92086BS

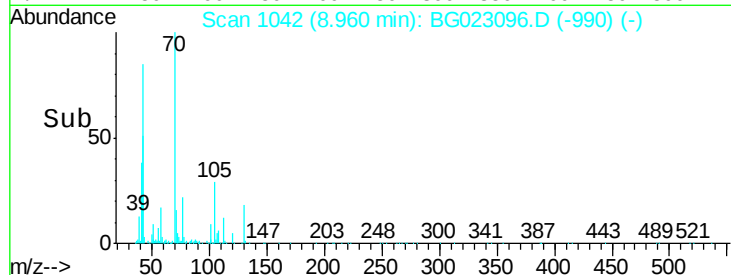
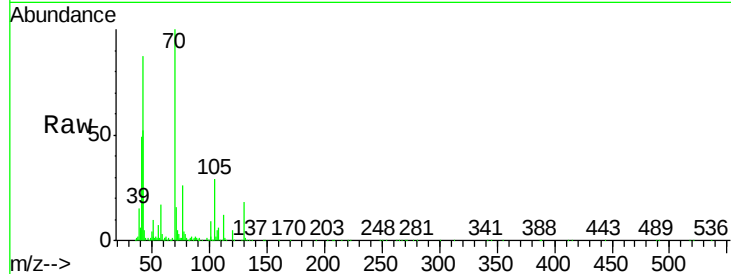
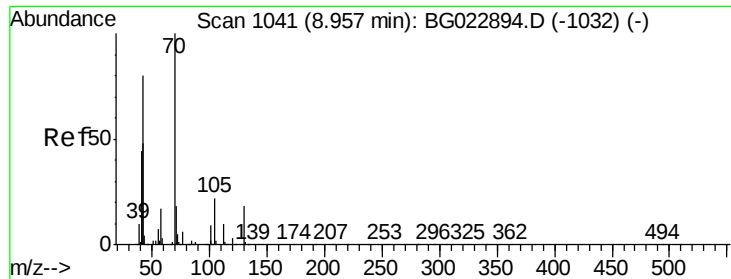
Tgt Ion:	107	Resp:	292574
Ion	Ratio	Lower	Upper
107	100		
108	110.5	92.0	138.0
77	62.0	55.8	83.6
79	63.6	55.0	82.6



#18
Hexachloroethane
Concen: 36.15 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:	117	Resp:	125374
Ion	Ratio	Lower	Upper
117	100		
119	88.8	73.7	110.5
201	120.4	88.7	133.1

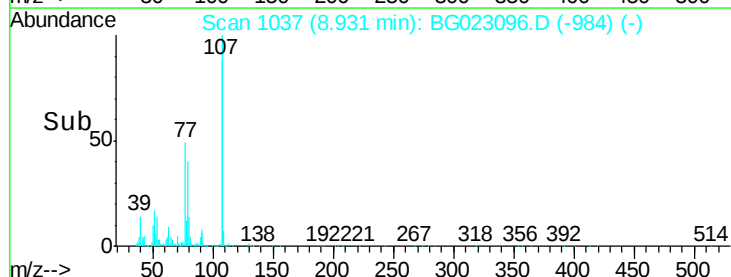
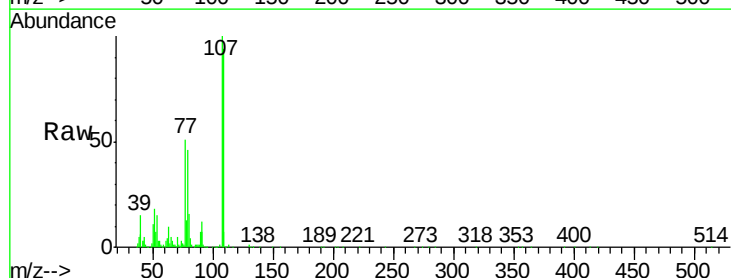
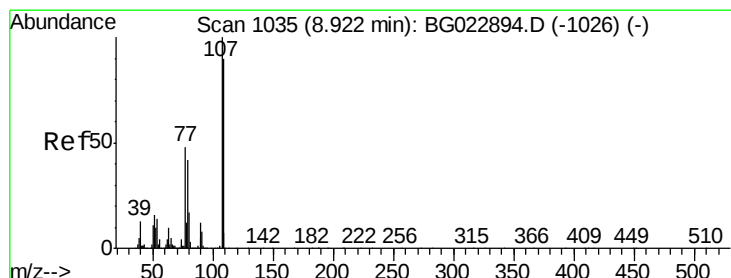
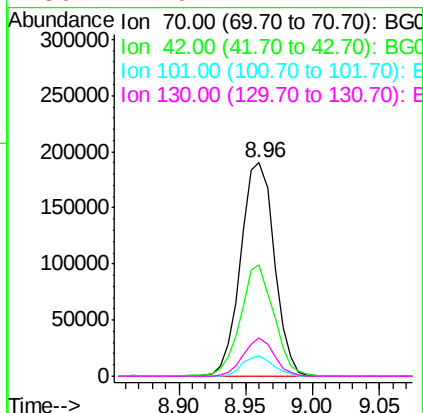




#19
n-Nitroso-di-n-propylamine
Concen: 37.32 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

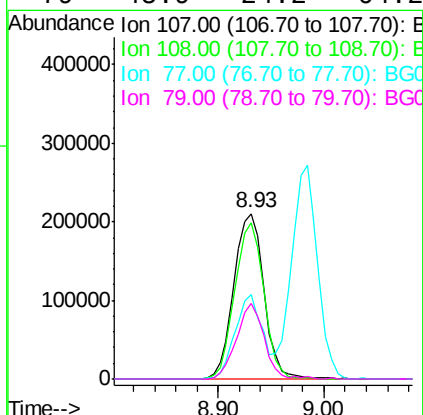
Instrument :
BNA_G
ClientSampleId :
PB92086BS

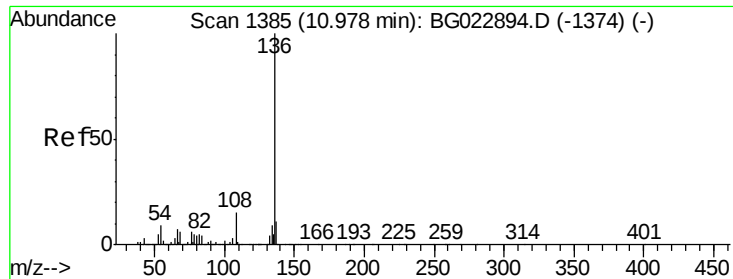
Tgt Ion:	70	Resp:	331944
Ion	Ratio	Lower	Upper
70	100		
42	52.4	42.1	63.1
101	9.4	7.2	10.8
130	17.9	14.2	21.2



#20
3+4-Methylphenols
Concen: 44.94 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:	107	Resp:	414219
Ion	Ratio	Lower	Upper
107	100		
108	94.3	72.5	112.5
77	51.0	30.1	70.1
79	45.9	24.2	64.2

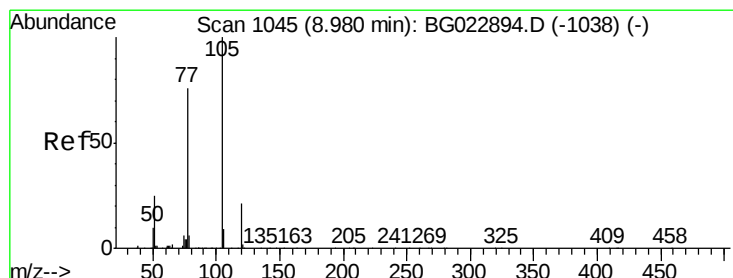
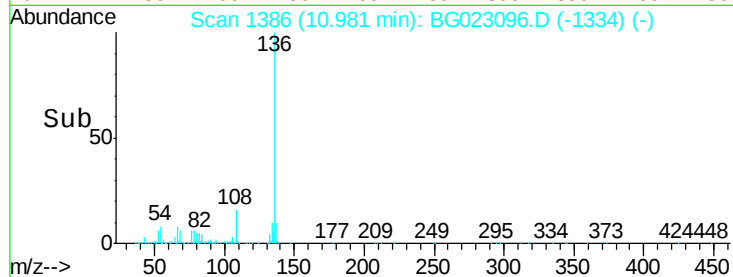
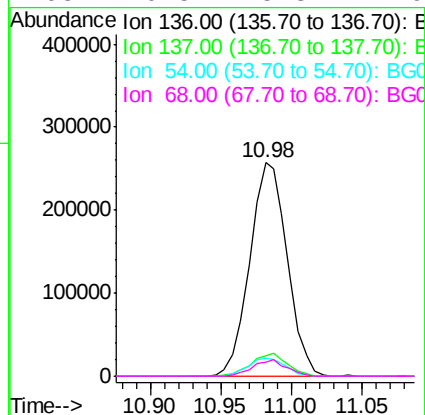
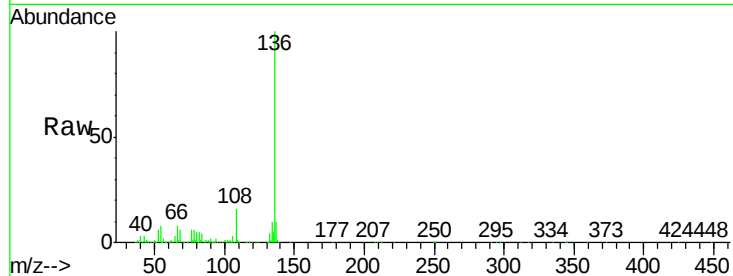




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

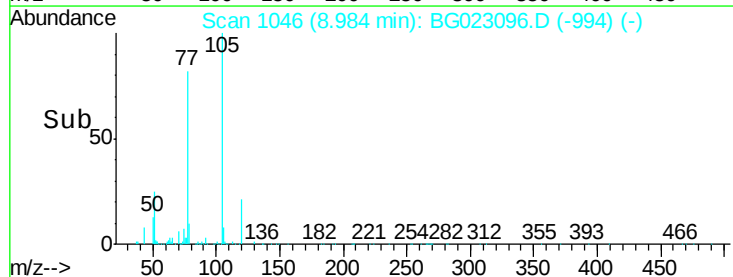
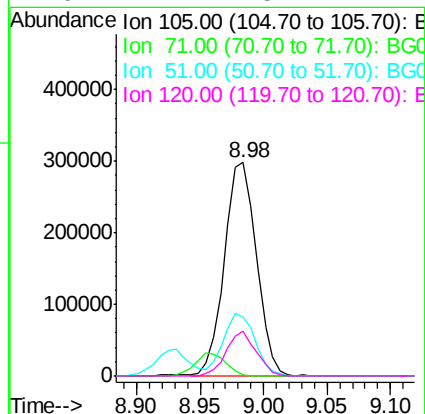
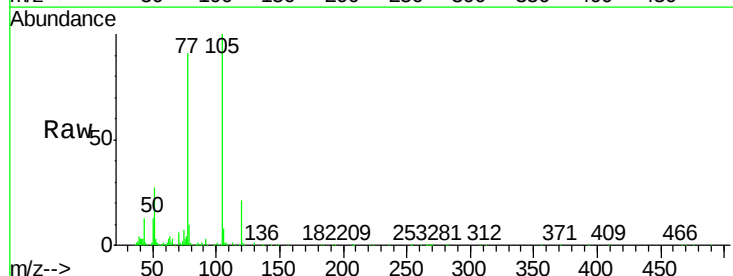
Instrument :
BNA_G
ClientSampleId :
PB92086BS

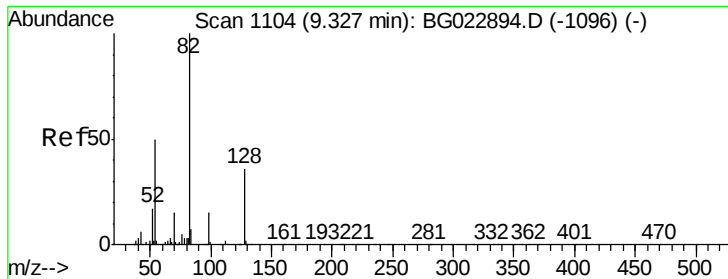
Tgt Ion:	136	Resp:	477271
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	8.3	7.3	10.9
68	6.5	5.3	7.9



#22
Acetophenone
Concen: 36.55 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:	105	Resp:	523583
Ion	Ratio	Lower	Upper
105	100		
71	0.6	2.6	3.8#
51	27.3	27.1	40.7
120	21.1	15.1	22.7

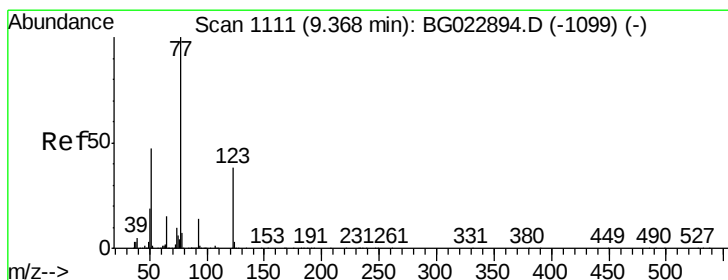
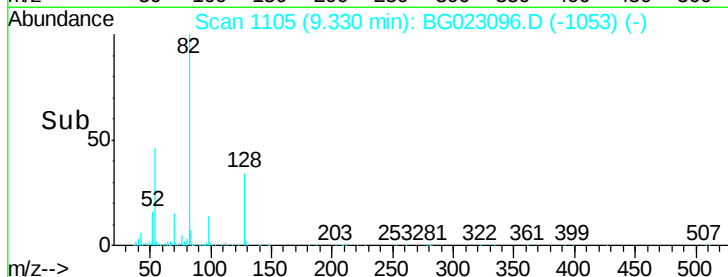
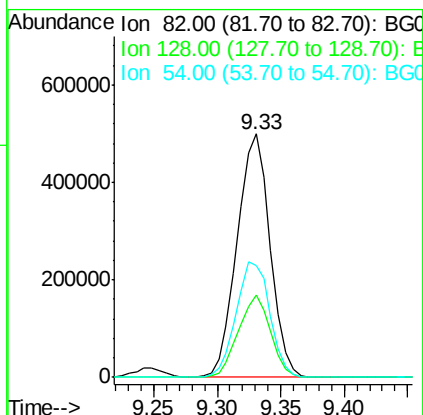
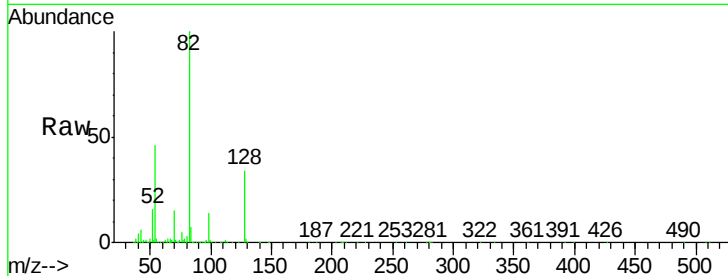




#23
 Nitrobenzene-d5
 Concen: 80.80 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

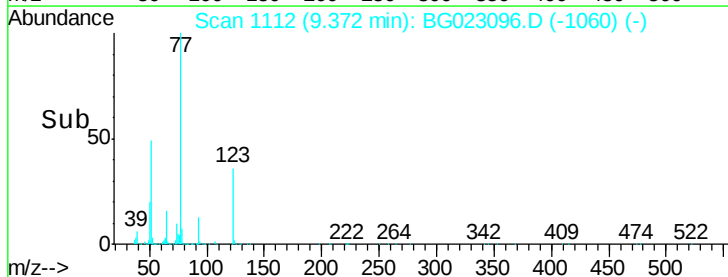
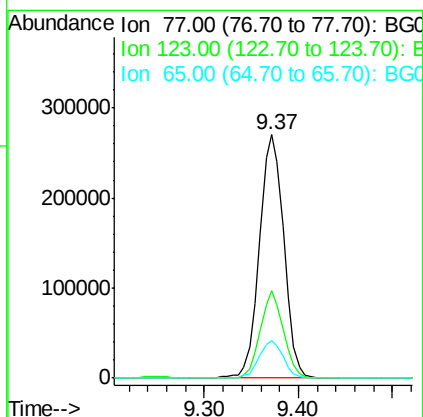
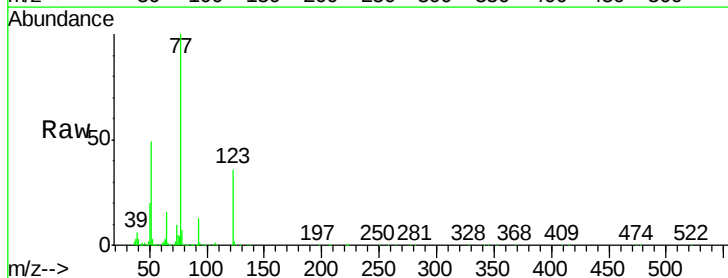
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

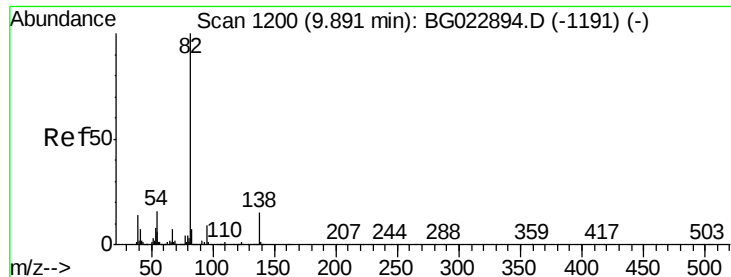
Tgt Ion: 82 Resp: 900556
 Ion Ratio Lower Upper
 82 100
 128 33.7 24.4 36.6
 54 45.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 40.82 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion: 77 Resp: 483500
 Ion Ratio Lower Upper
 77 100
 123 36.1 25.0 37.6
 65 15.5 13.4 20.0





#25

Isophorone

Concen: 37.87 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

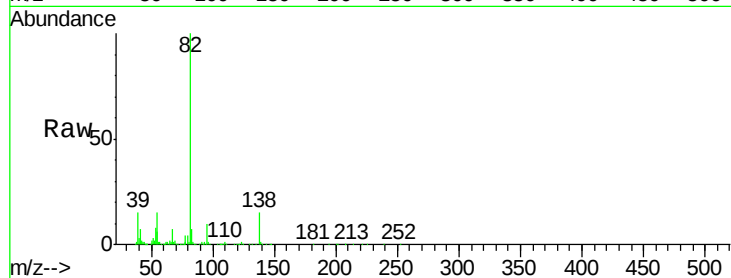
Tgt Ion: 82 Resp: 848987

Ion Ratio Lower Upper

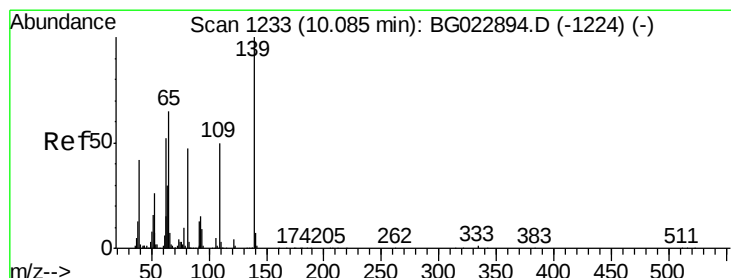
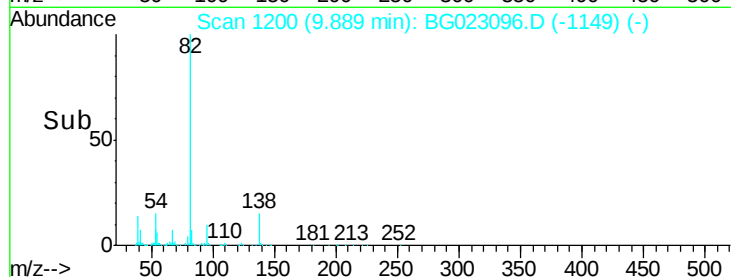
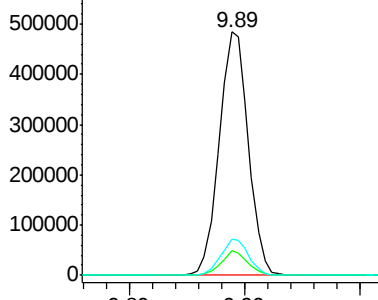
82 100

95 10.2 8.2 12.2

138 15.1 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.34 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

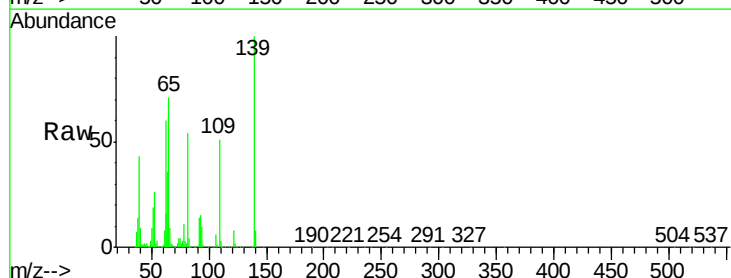
Tgt Ion: 139 Resp: 187455

Ion Ratio Lower Upper

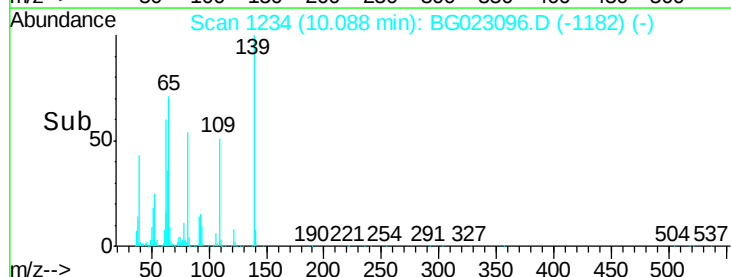
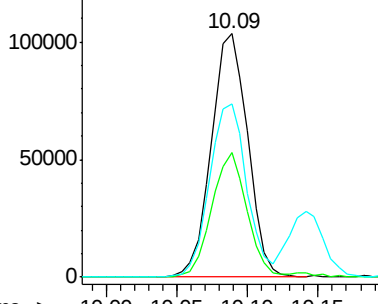
139 100

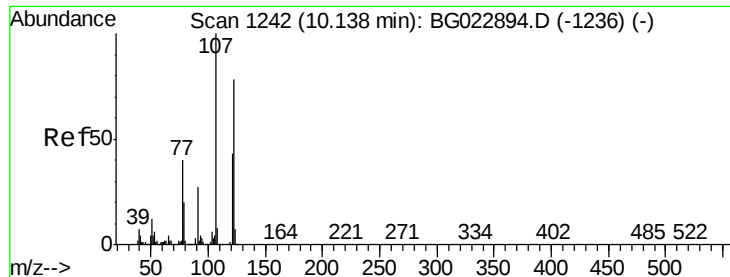
109 51.2 43.5 65.3

65 71.0 64.3 96.5



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





#27

2,4-Dimethylphenol

Concen: 41.57 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

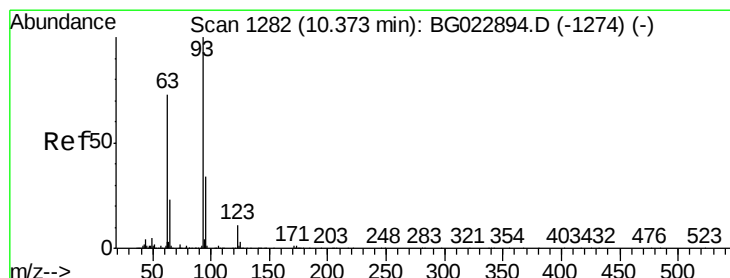
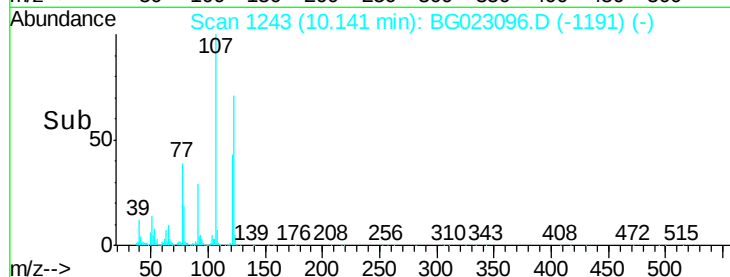
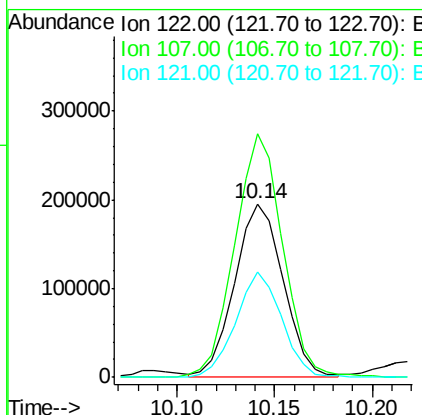
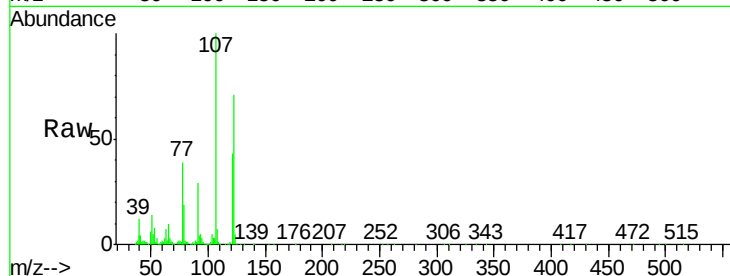
Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :
BNA_G
ClientSampleId :
PB92086BS

Tgt Ion: 122 Resp: 333940

Ion	Ratio	Lower	Upper
122	100		
107	140.2	117.0	175.4
121	60.8	50.1	75.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.74 ng

RT: 10.37 min Scan# 1282

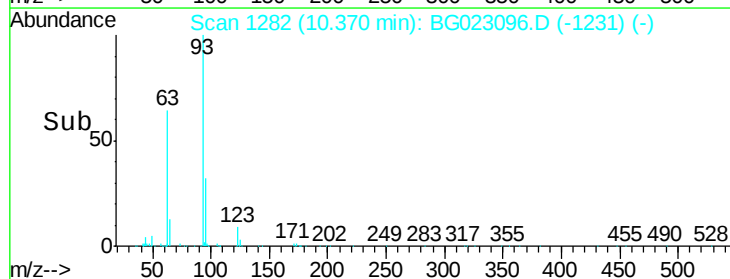
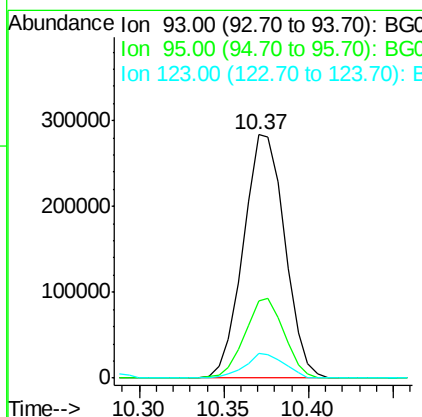
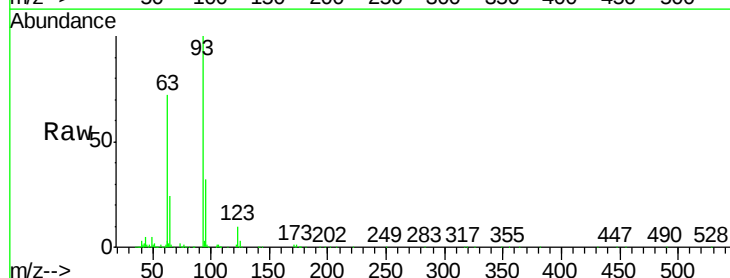
Delta R.T. -0.00 min

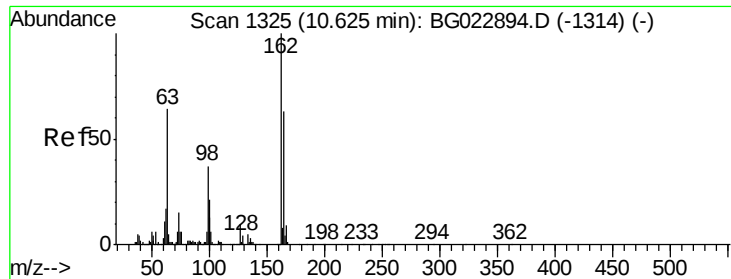
Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Tgt Ion: 93 Resp: 484390

Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.4	38.2
123	10.0	8.2	12.2

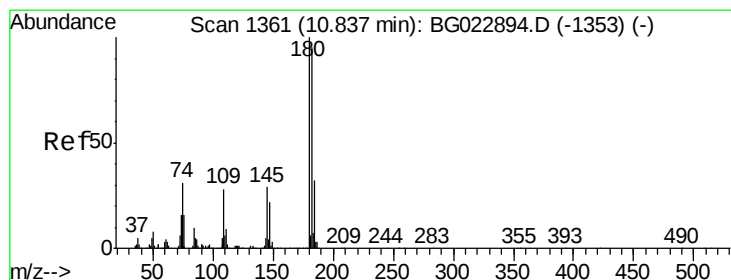
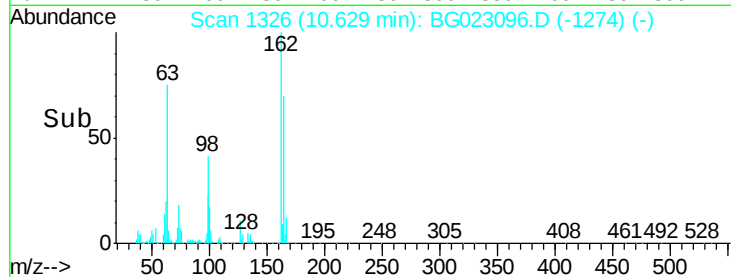
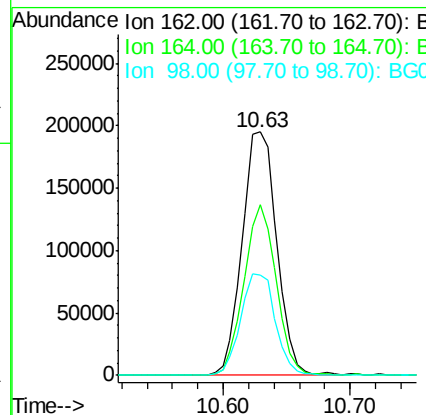
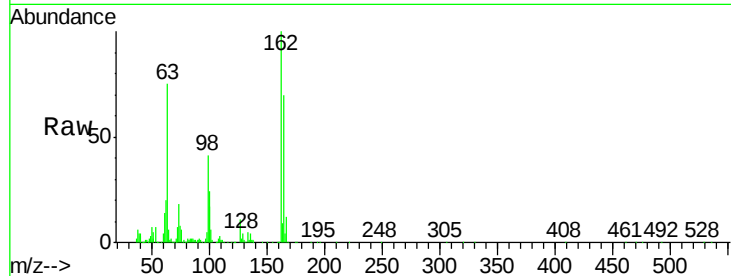




#29
 2,4-Dichlorophenol
 Concen: 43.13 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

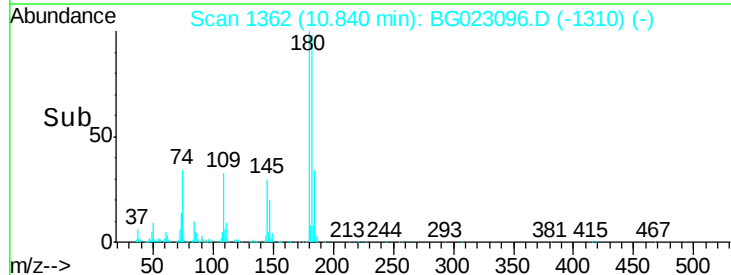
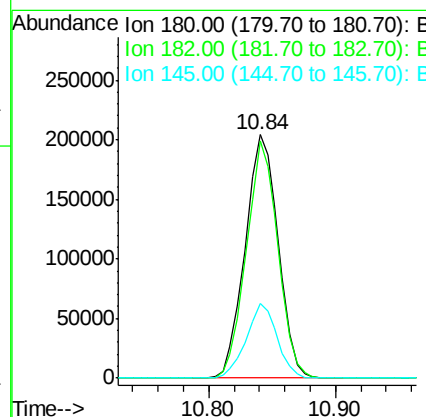
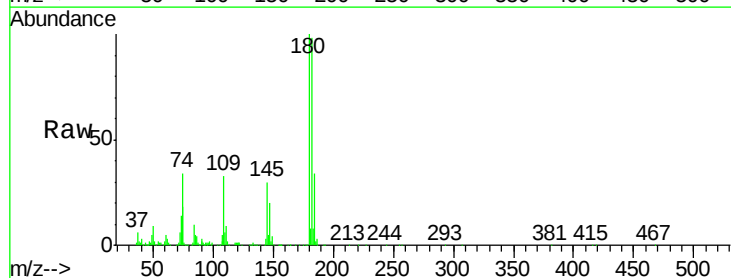
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

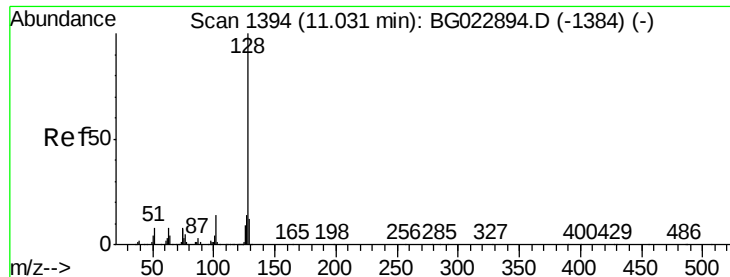
Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.8	44.3	84.3
98	41.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.50 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	73.8	110.8
145	30.5	24.4	36.6

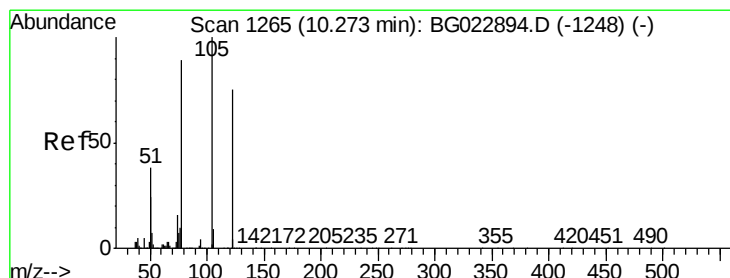
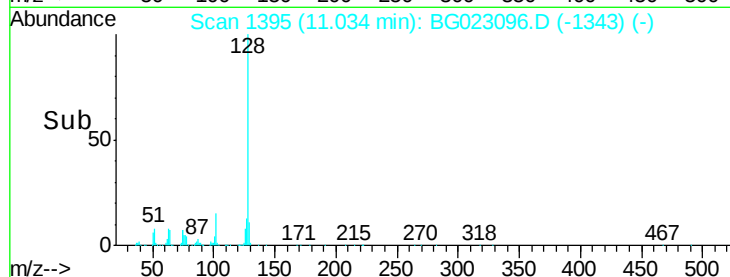
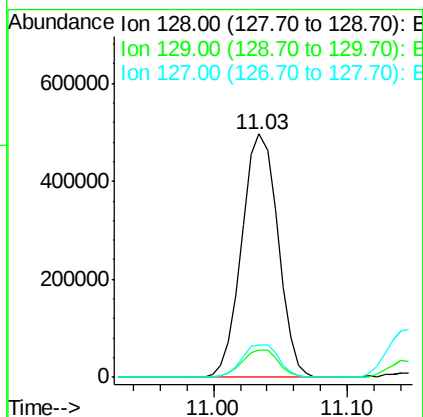
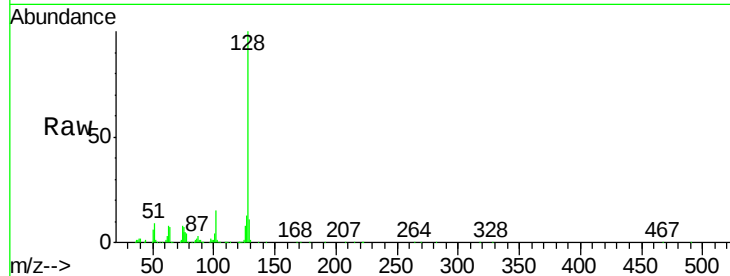




#31
Naphthalene
Concen: 38.36 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

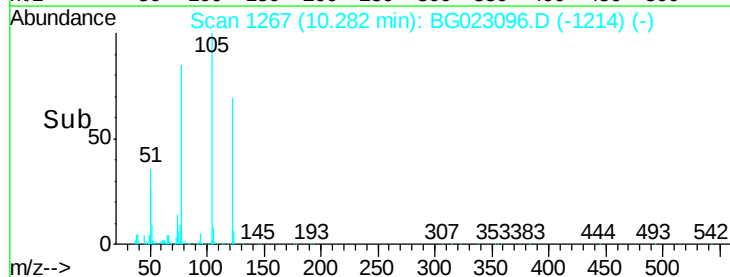
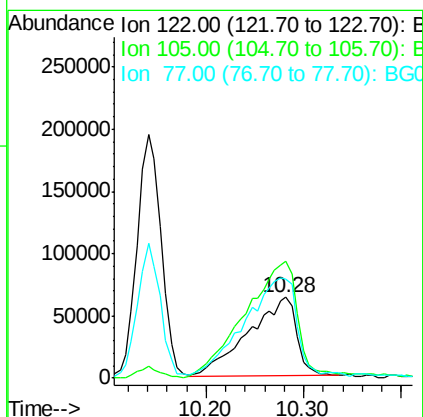
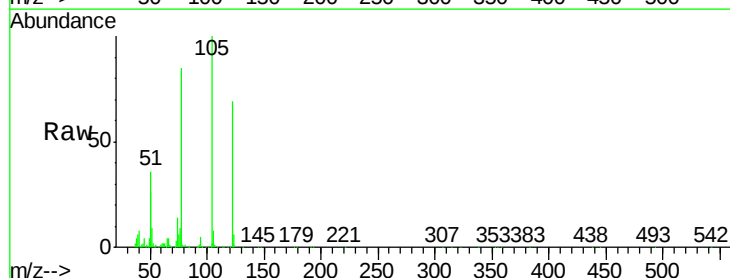
Instrument :
BNA_G
ClientSampleId :
PB92086BS

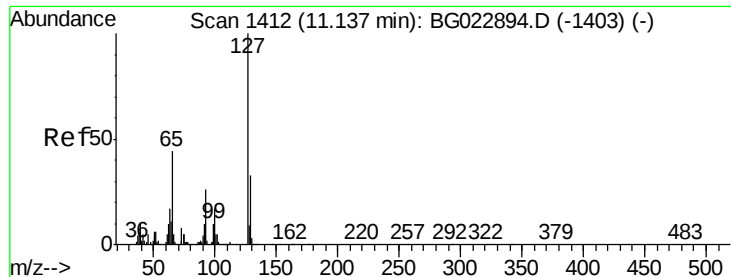
Tgt Ion:128 Resp: 931981
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.2 11.3 16.9



#32
Benzoic acid
Concen: 30.28 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:122 Resp: 221300
Ion Ratio Lower Upper
122 100
105 145.1 117.2 157.2
77 123.3 109.2 149.2

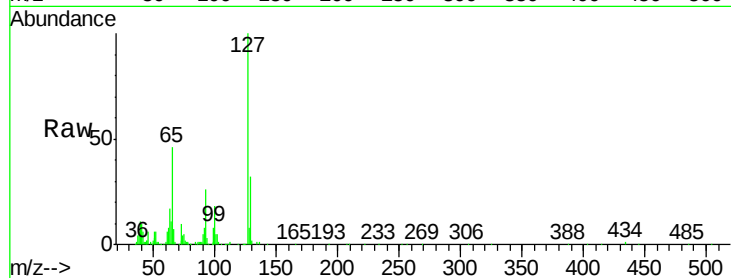




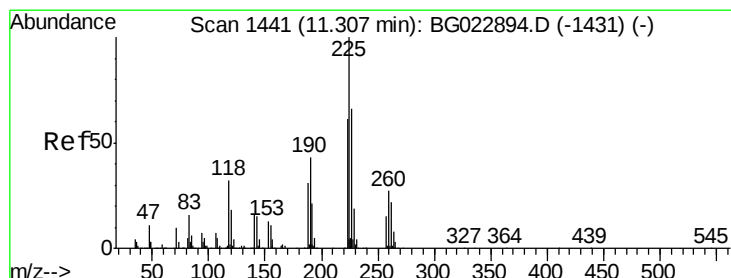
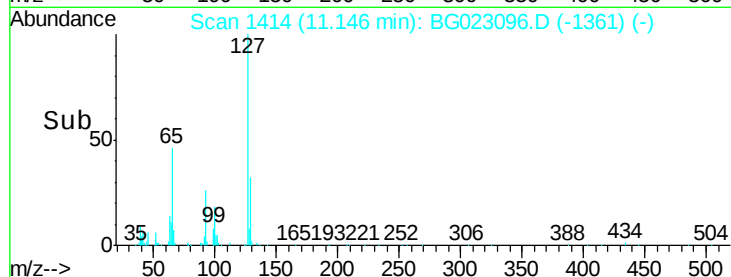
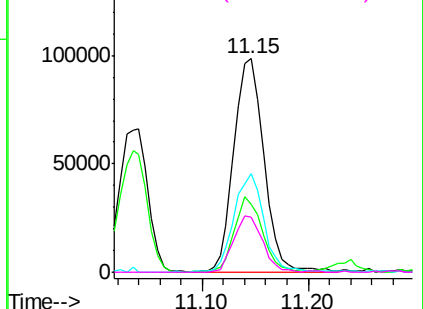
#33
4-Chloroaniline
Concen: 16.44 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Instrument :
BNA_G
ClientSampleId :
PB92086BS

Tgt Ion:	127	Resp:	195353
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.9	41.9
65	46.1	36.8	55.2
92	25.6	21.0	31.6

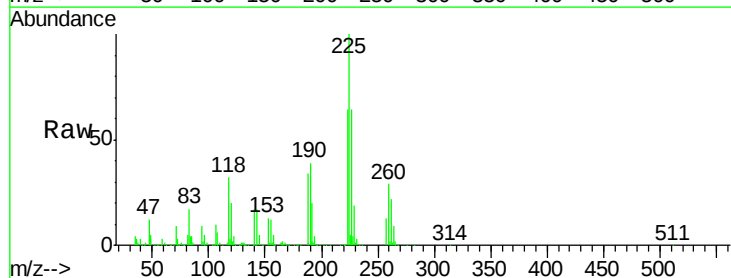


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

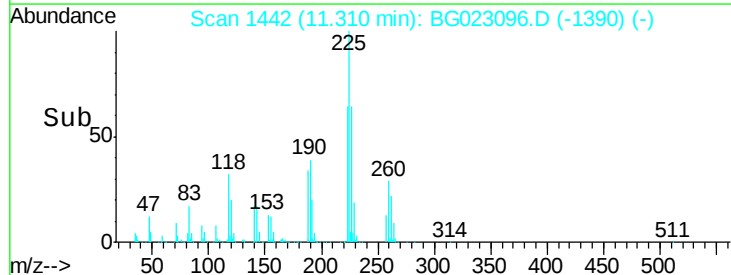
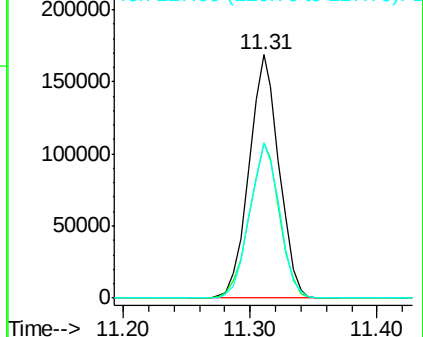


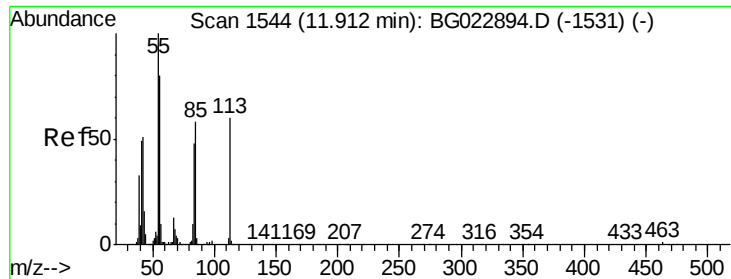
#34
Hexachlorobutadiene
Concen: 34.85 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:	225	Resp:	277404
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.6	74.4
227	63.6	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: 38.85 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

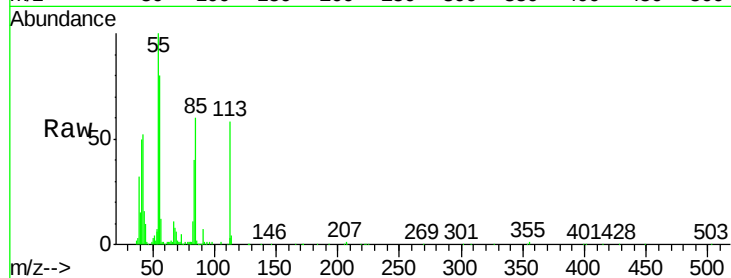
Tgt Ion:113 Resp: 136957

Ion Ratio Lower Upper

113 100

55 172.4 154.5 194.5

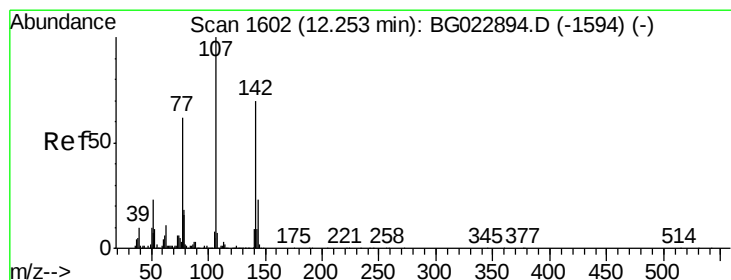
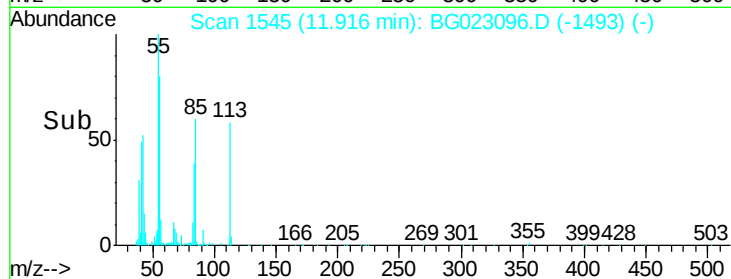
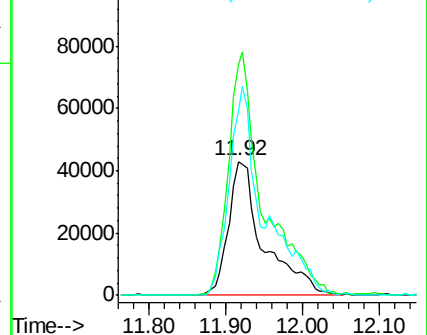
56 137.5 125.1 165.1



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: 40.37 ng

RT: 12.26 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

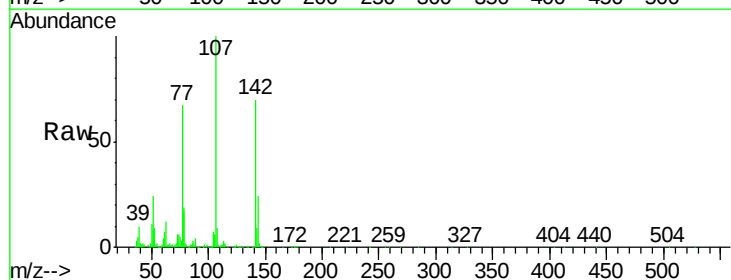
Tgt Ion:107 Resp: 473137

Ion Ratio Lower Upper

107 100

144 23.7 17.0 25.6

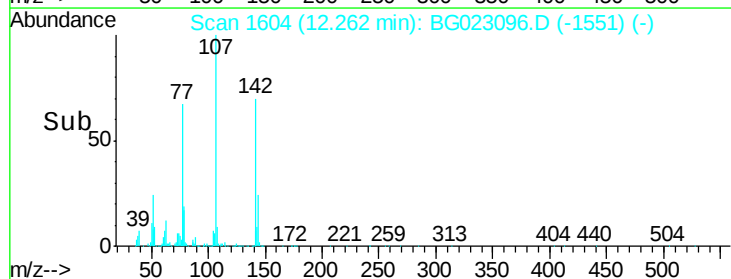
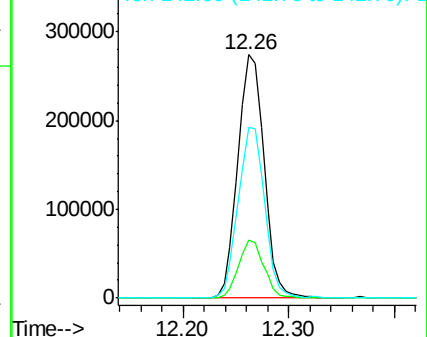
142 70.2 53.0 79.6

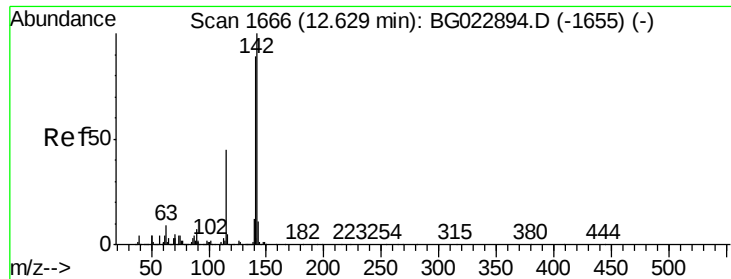


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

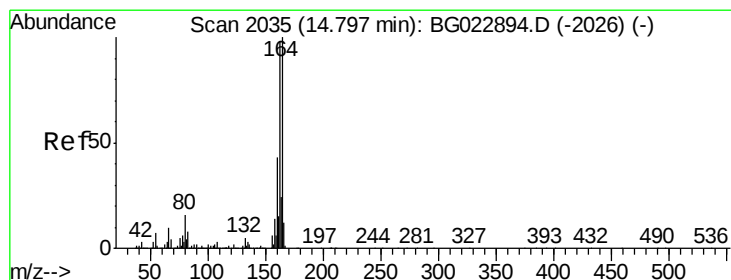
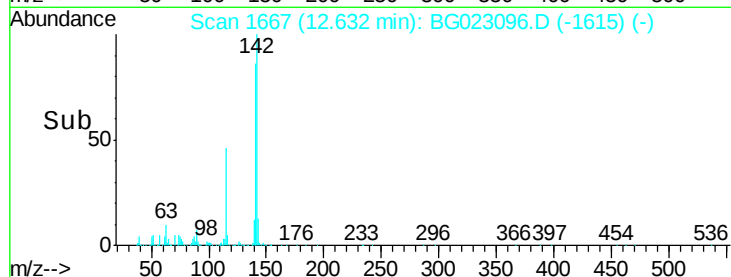
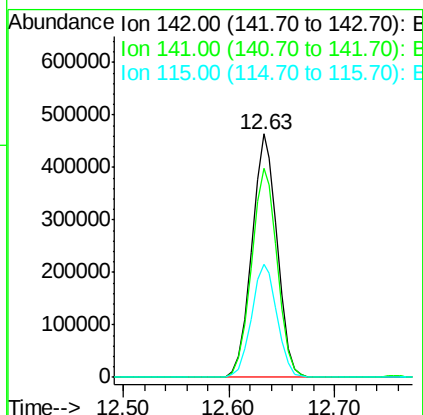
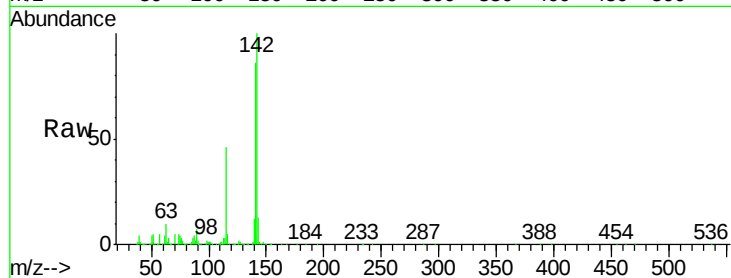




#37
2-Methylnaphthalene
Concen: 40.23 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

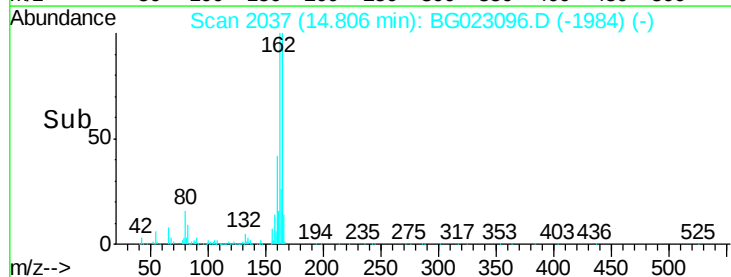
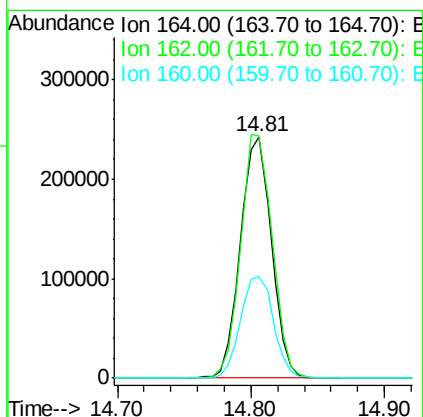
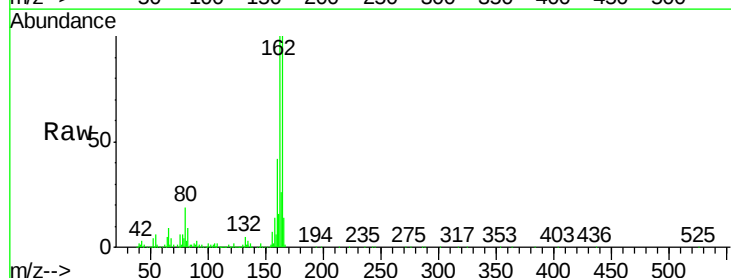
Instrument :
BNA_G
ClientSampleId :
PB92086BS

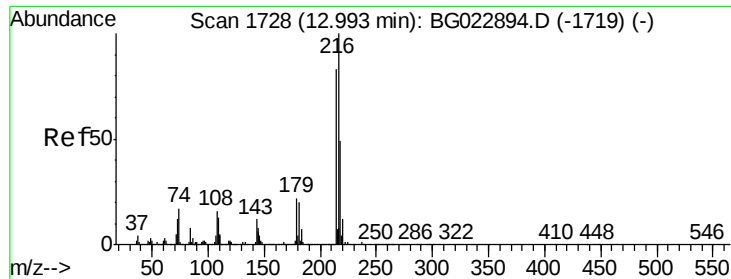
Tgt Ion:142 Resp: 772525
Ion Ratio Lower Upper
142 100
141 85.9 70.2 105.2
115 46.2 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:164 Resp: 388481
Ion Ratio Lower Upper
164 100
162 100.4 87.7 131.5
160 42.2 37.2 55.8

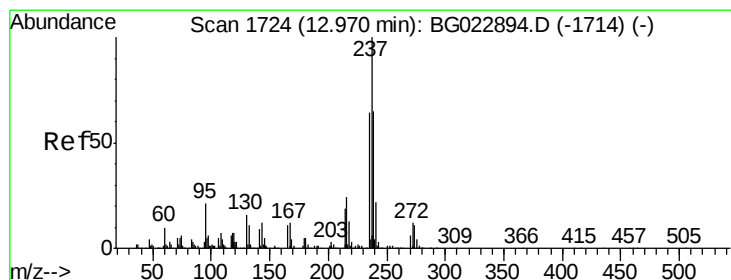
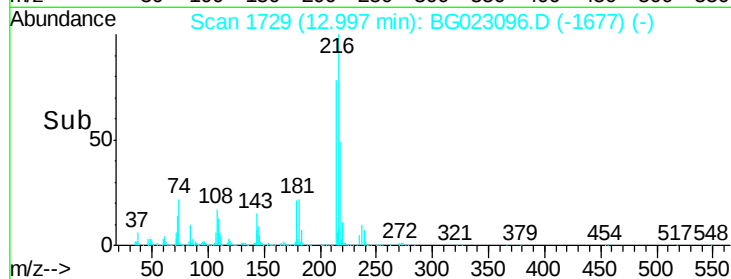
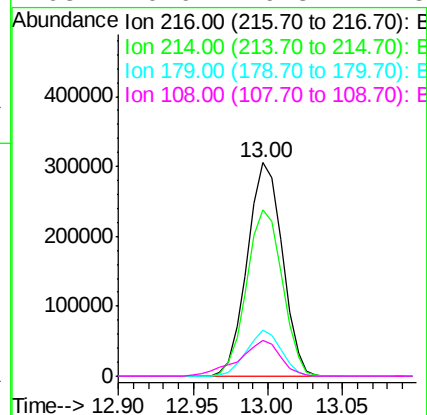
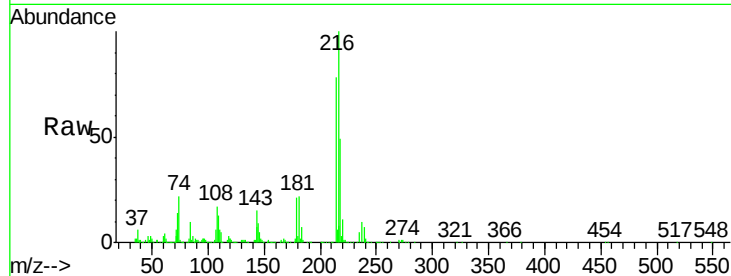




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.59 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

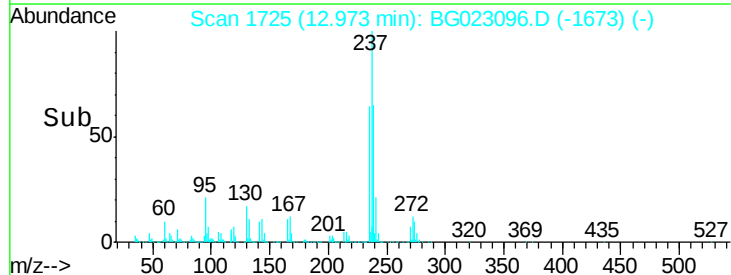
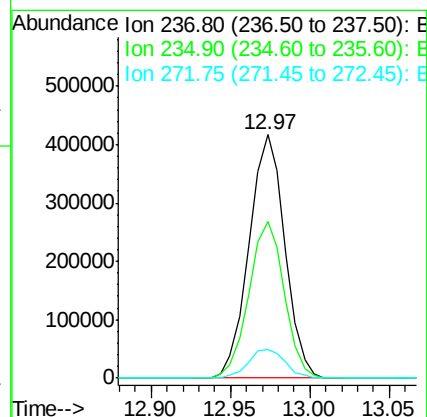
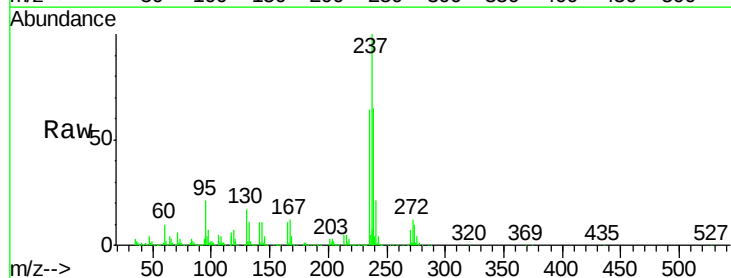
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

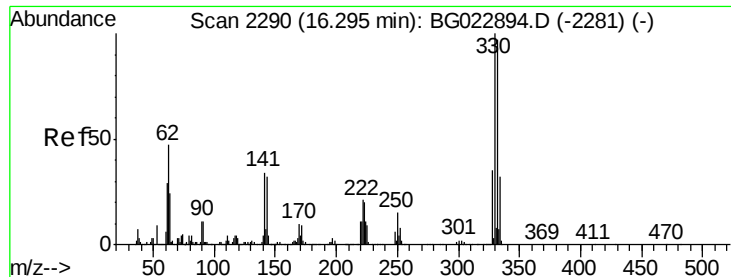
Tgt Ion:	216	Resp:	495337
Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.9	94.3
179	21.1	17.2	25.8
108	19.9	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 67.59 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion:	237	Resp:	651416
Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.1	83.1
272	12.0	0.0	30.9

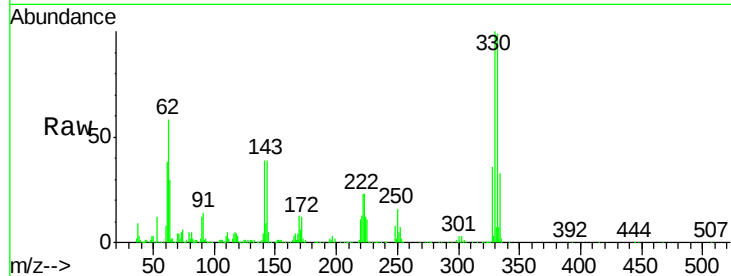




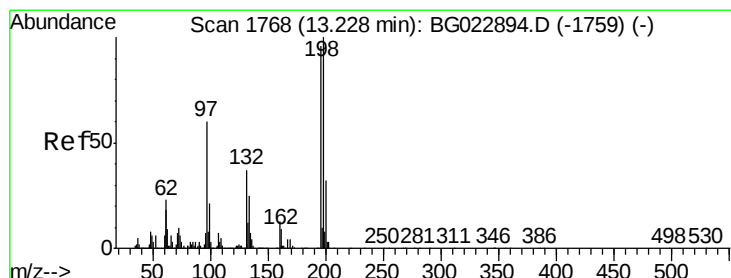
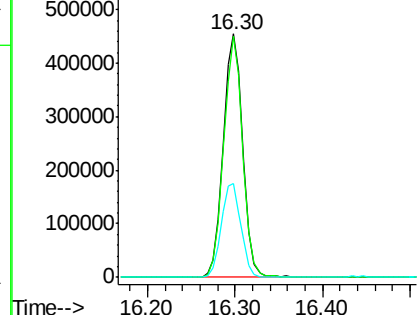
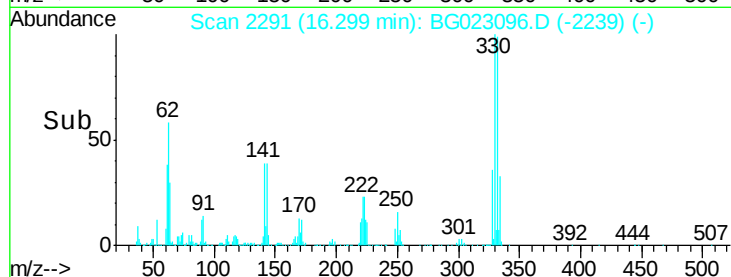
#41
 2,4,6-Tribromophenol
 Concen: 100.31 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

Tgt Ion:330 Resp: 700350
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 38.9 31.7 47.5

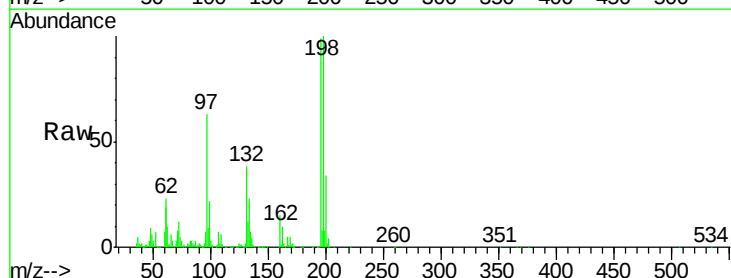


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

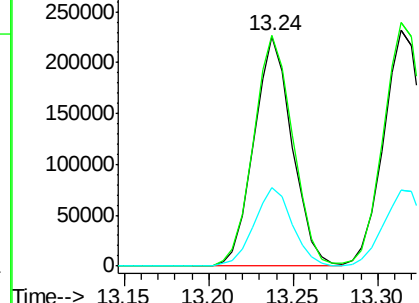
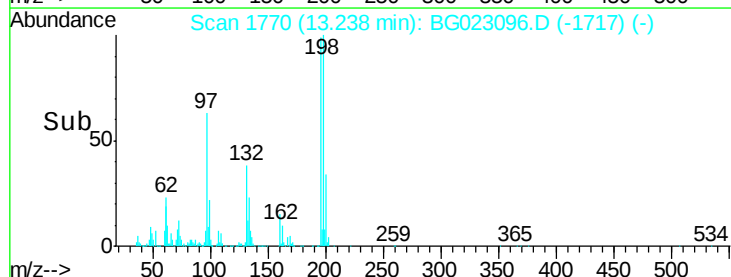


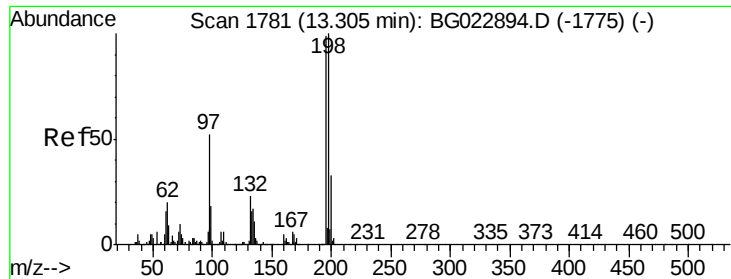
#42
 2,4,6-Trichlorophenol
 Concen: 36.88 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion:196 Resp: 354871
 Ion Ratio Lower Upper
 196 100
 198 100.5 78.2 117.2
 200 34.4 27.0 40.4



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

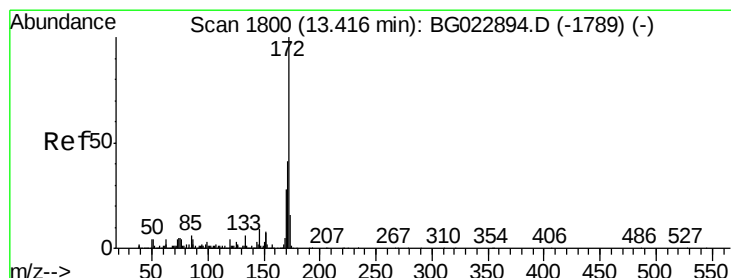
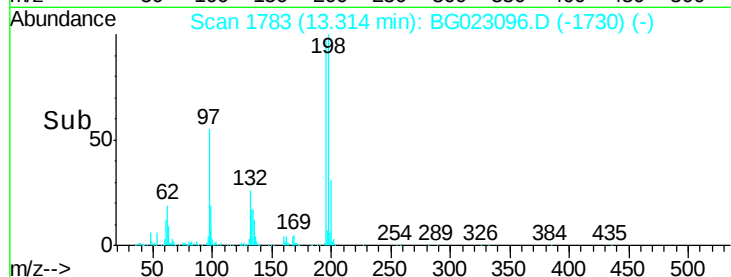
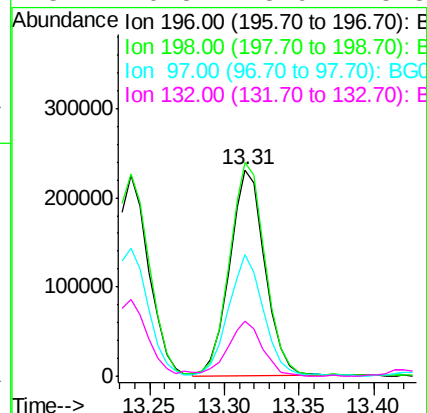
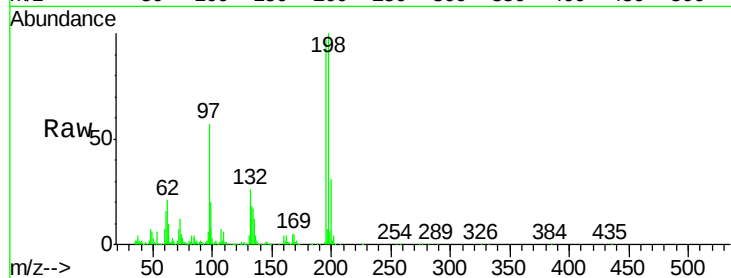




#43
2,4,5-Trichlorophenol
Concen: 38.43 ng
RT: 13.31 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

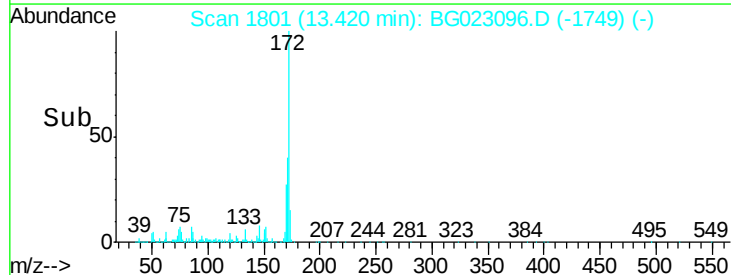
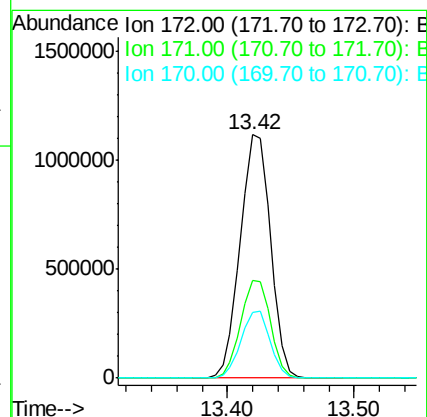
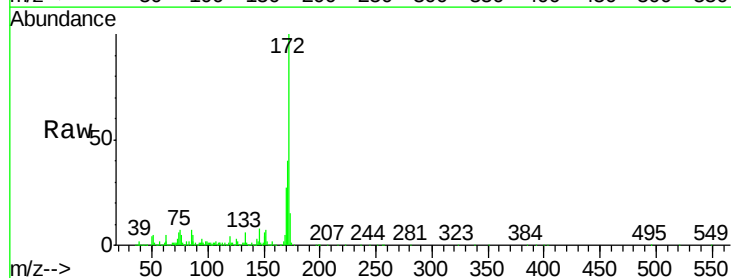
Instrument :
BNA_G
ClientSampleId :
PB92086BS

Tgt Ion:196 Resp: 379770
Ion Ratio Lower Upper
196 100
198 103.3 85.7 128.5
97 58.8 45.5 68.3
132 26.8 18.9 28.3



#44
2-Fluorobiphenyl
Concen: 75.07 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:172 Resp: 1851571
Ion Ratio Lower Upper
172 100
171 40.3 31.6 47.4
170 27.1 21.3 31.9

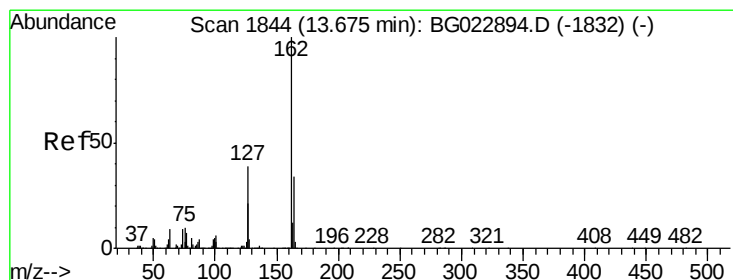
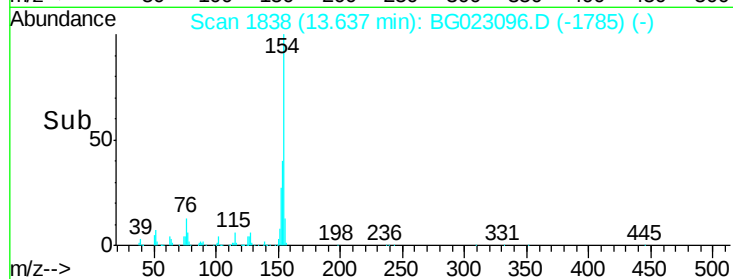
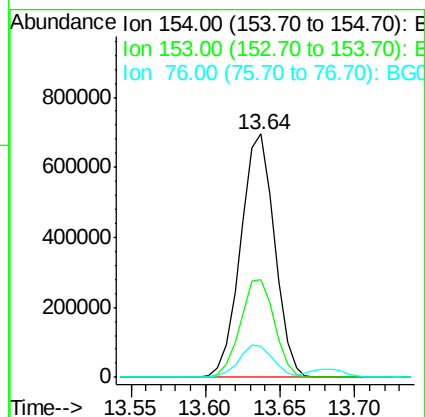
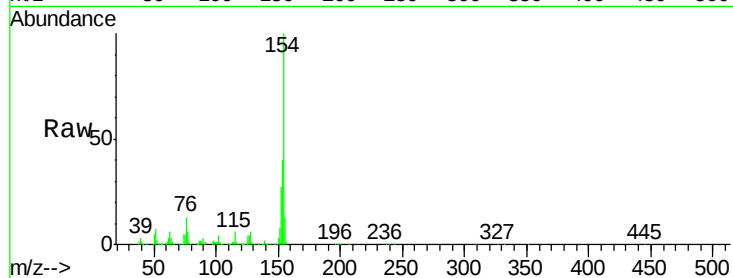




#45
 1,1'-Biphenyl
 Concen: 37.40 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

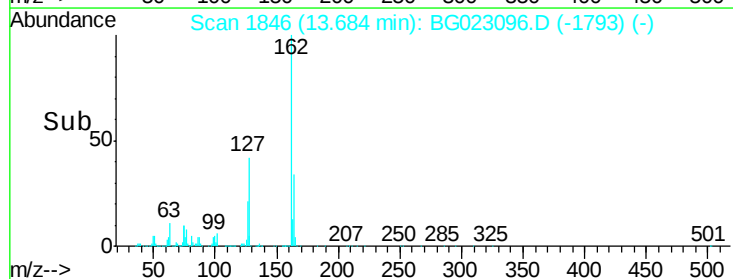
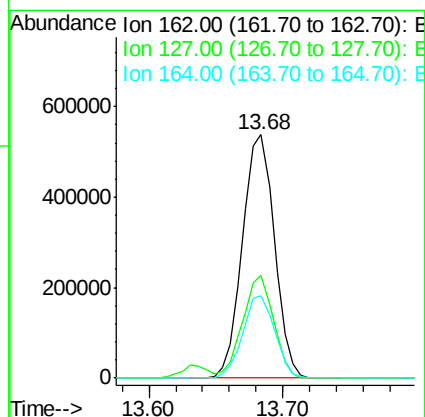
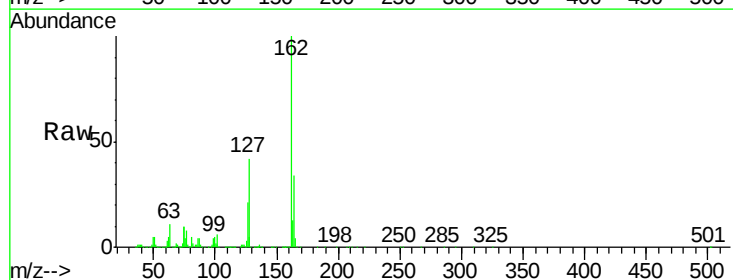
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

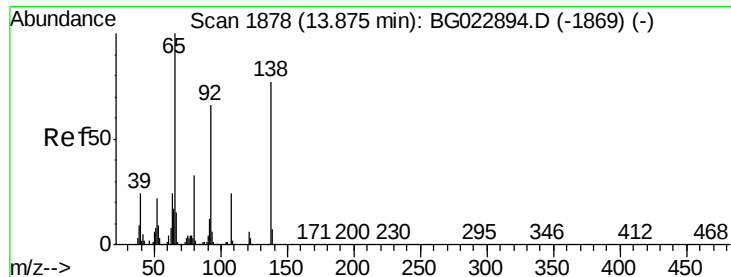
Tgt Ion:154 Resp: 1090152
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.2 60.2
 76 13.0 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 37.63 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion:162 Resp: 889731
 Ion Ratio Lower Upper
 162 100
 127 42.2 32.4 48.6
 164 34.0 25.2 37.8





#47

2-Nitroaniline

Concen: 39.40 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

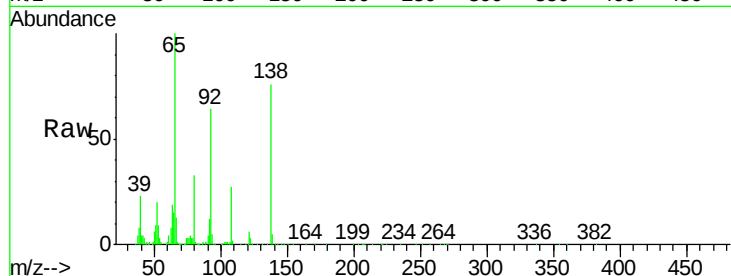
Tgt Ion: 65 Resp: 397476

Ion Ratio Lower Upper

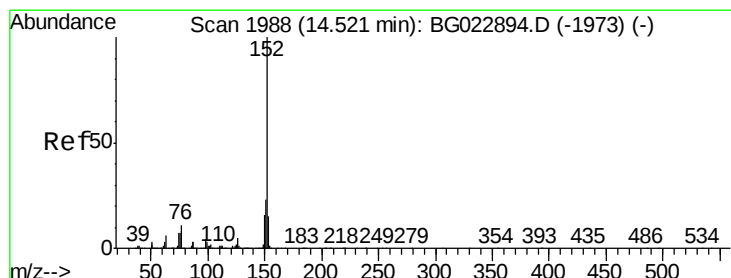
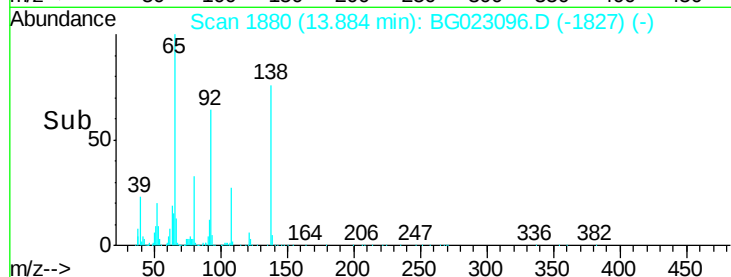
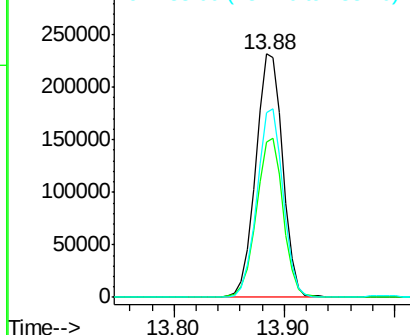
65 100

92 63.9 49.4 74.0

138 76.1 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 38.54 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

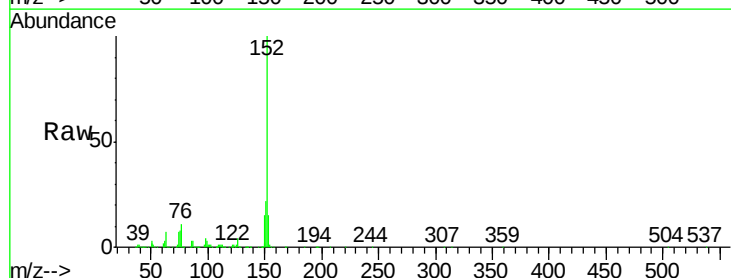
Tgt Ion: 152 Resp: 1367182

Ion Ratio Lower Upper

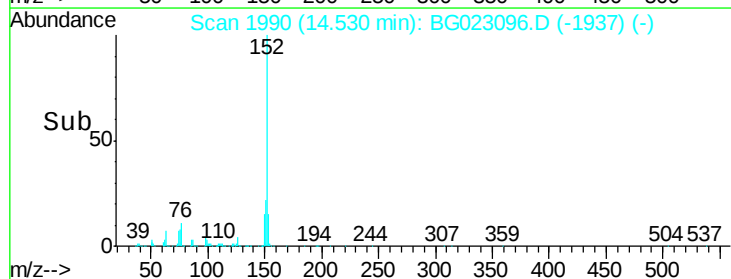
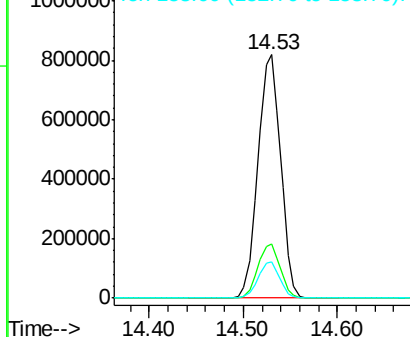
152 100

151 22.1 17.6 26.4

153 14.8 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 38.41 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

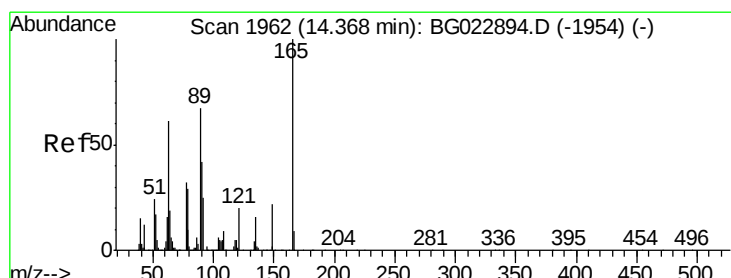
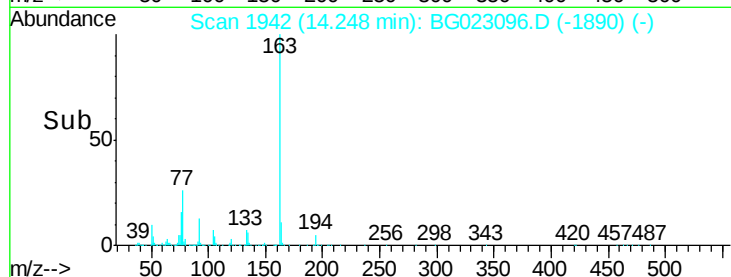
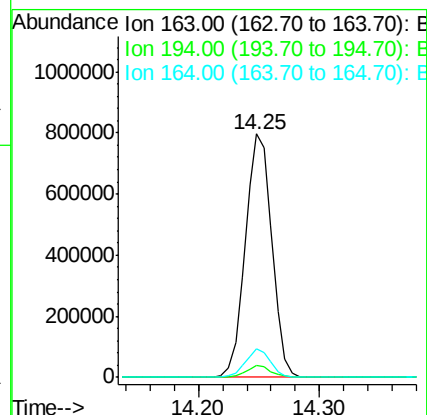
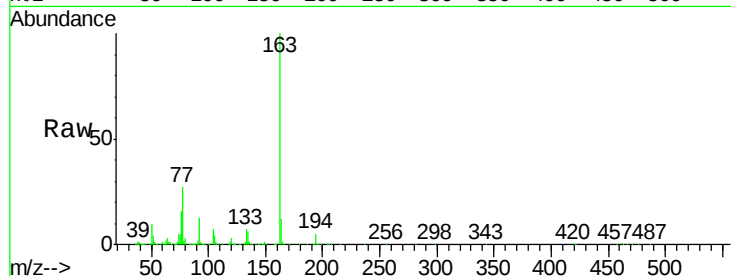
Tgt Ion:163 Resp: 1218815

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 11.5 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 39.65 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

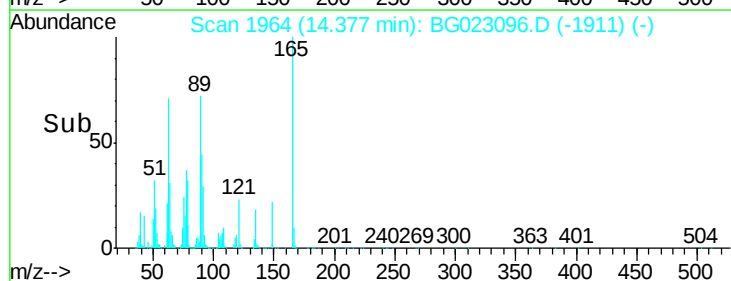
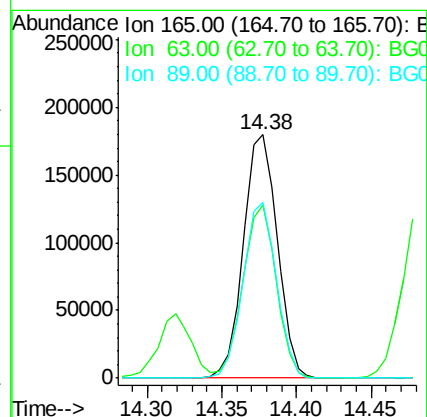
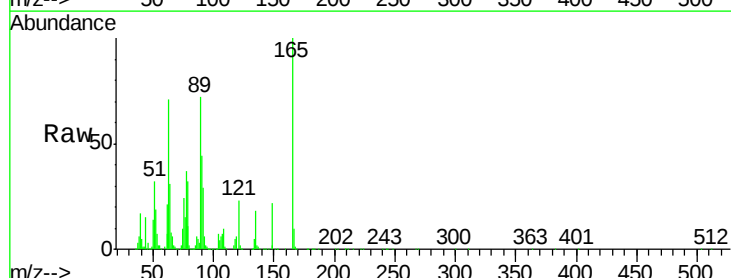
Tgt Ion:165 Resp: 282763

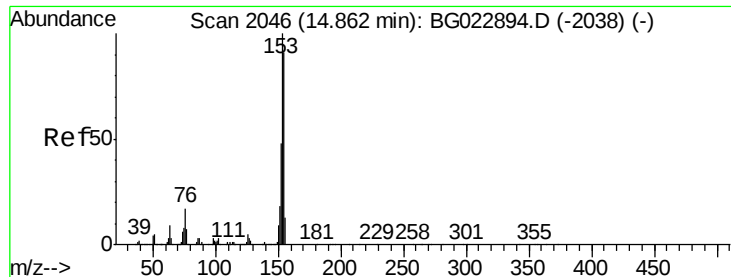
Ion Ratio Lower Upper

165 100

63 71.0 64.3 96.5

89 72.4 64.3 96.5





#51

Acenaphthene

Concen: 38.50 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

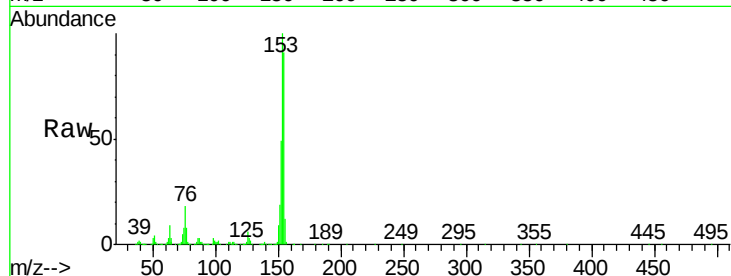
Tgt Ion:154 Resp: 892399

Ion Ratio Lower Upper

154 100

153 109.6 87.5 131.3

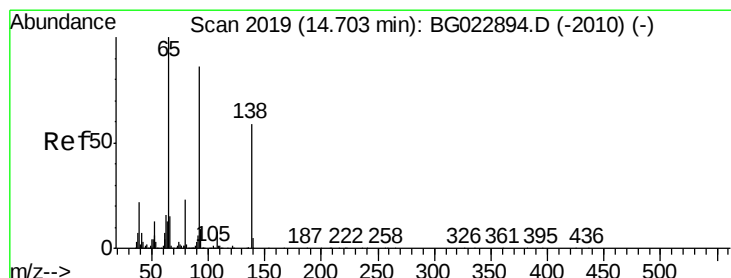
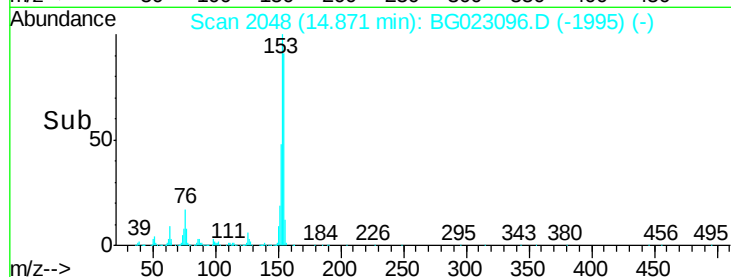
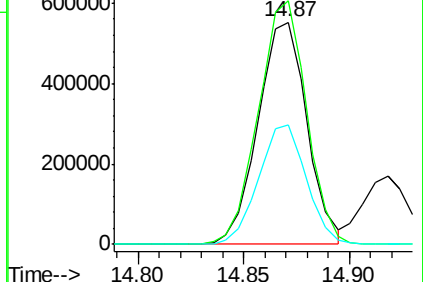
152 53.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.39 ng

RT: 14.71 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

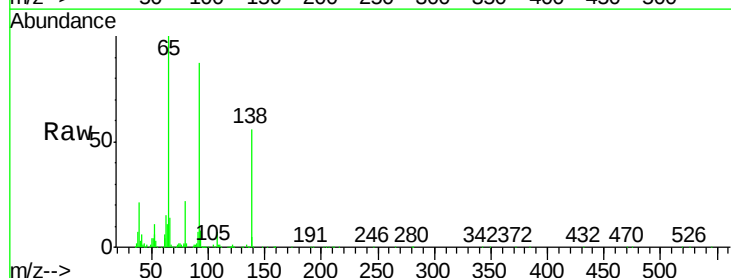
Tgt Ion:138 Resp: 180561

Ion Ratio Lower Upper

138 100

108 12.9 11.7 17.5

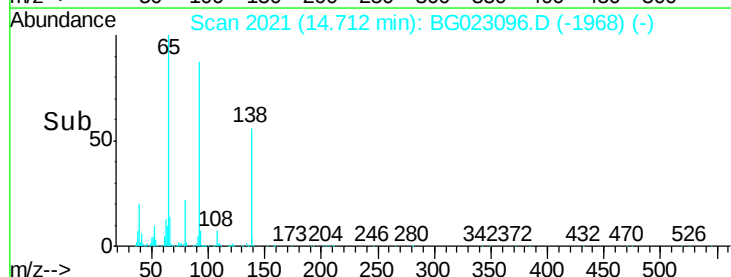
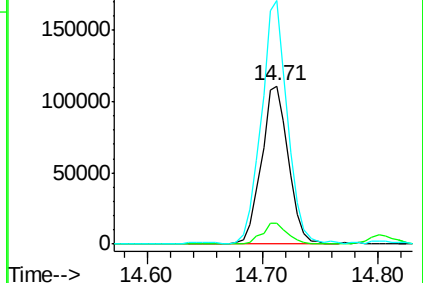
92 154.0 129.7 194.5

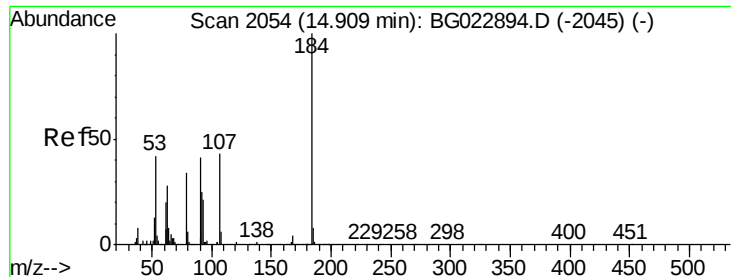


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

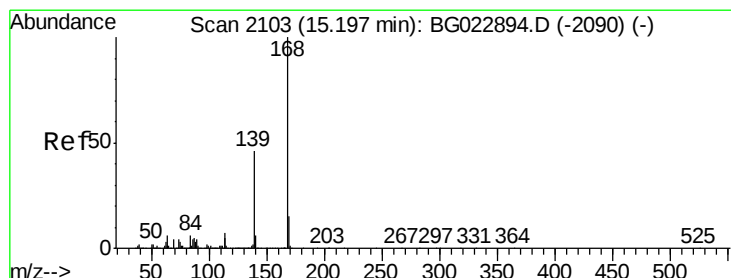
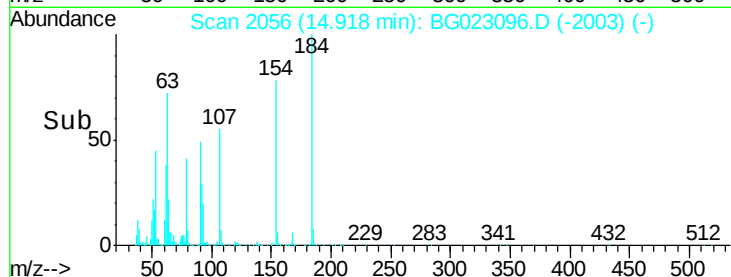
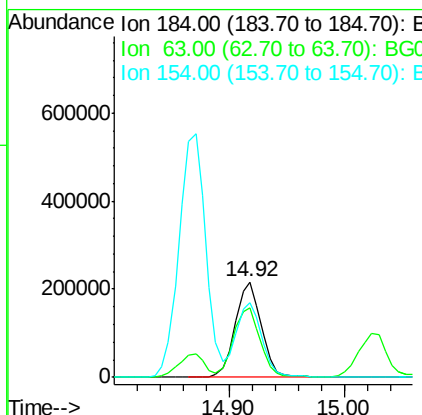
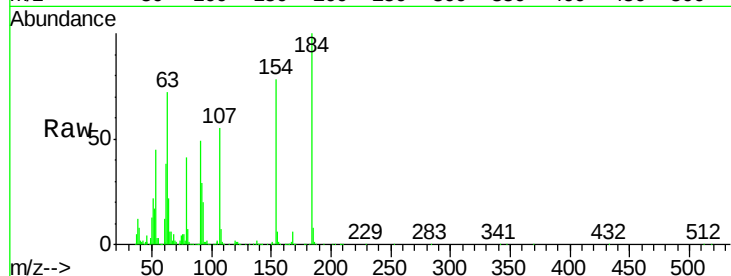




#53
2,4-Dinitrophenol
Concen: 70.15 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

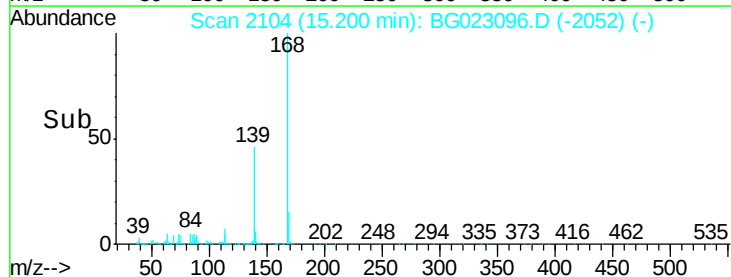
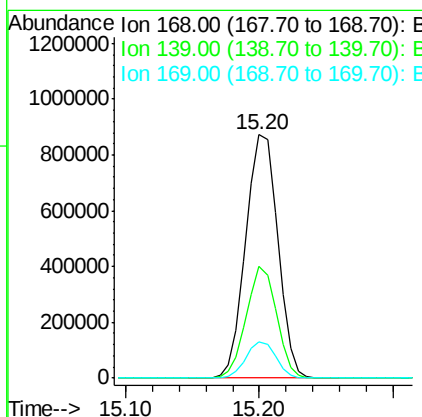
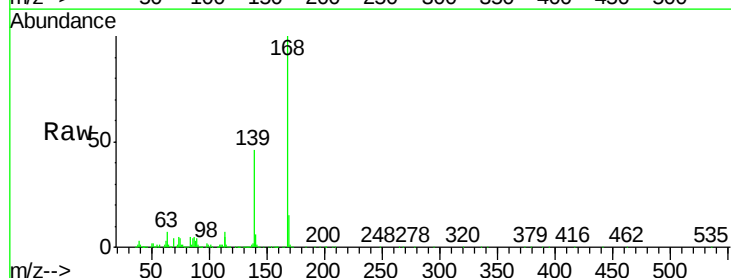
Instrument :
BNA_G
ClientSampleId :
PB92086BS

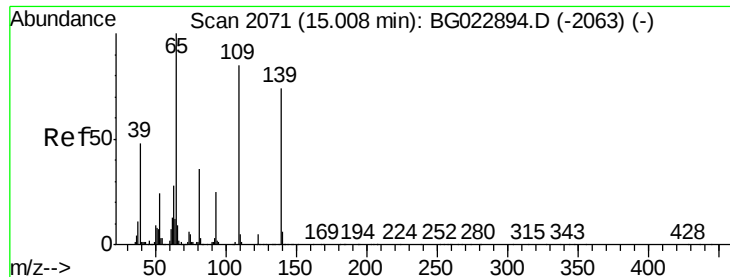
Tgt Ion:184 Resp: 343259
Ion Ratio Lower Upper
184 100
63 72.4 59.6 89.4
154 78.0 67.4 101.0



#54
Dibenzofuran
Concen: 41.72 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:168 Resp: 1447271
Ion Ratio Lower Upper
168 100
139 45.7 36.4 54.6
169 15.0 11.9 17.9

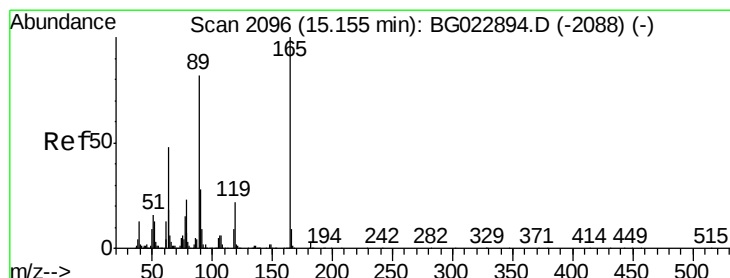
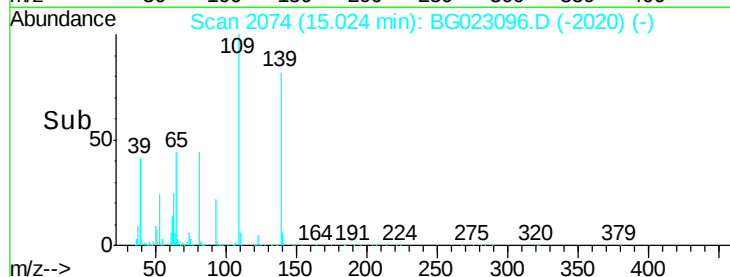
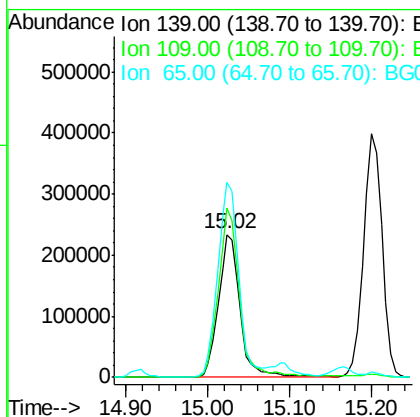
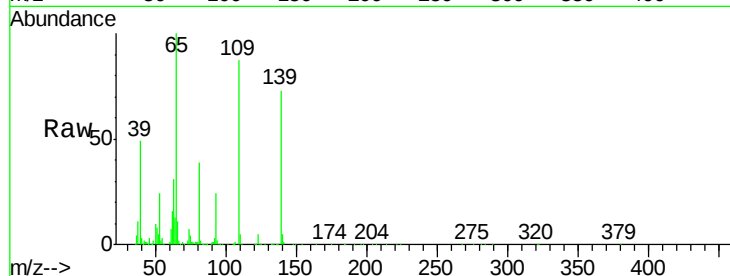




#55
4-Nitrophenol
Concen: 72.13 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

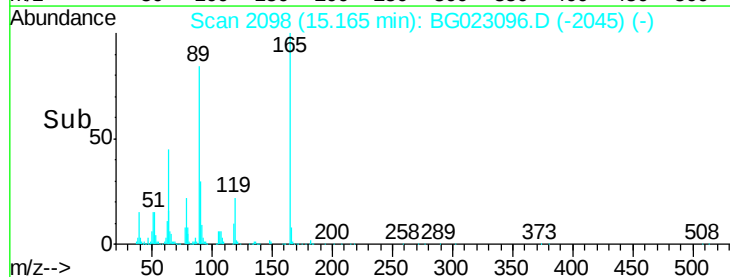
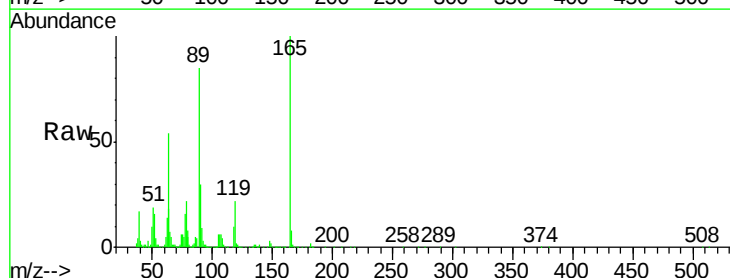
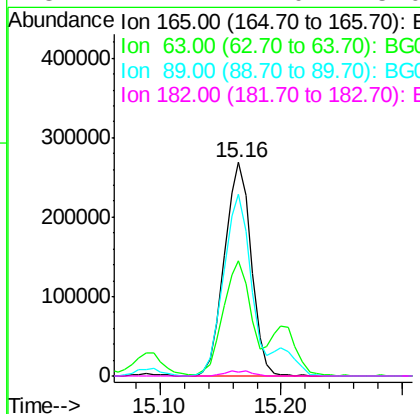
Instrument :
BNA_G
ClientSampleId :
PB92086BS

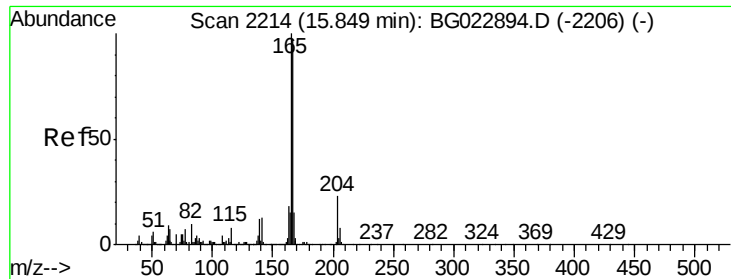
Tgt Ion:139 Resp: 429967
Ion Ratio Lower Upper
139 100
109 118.6 103.0 143.0
65 136.2 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 39.64 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:165 Resp: 412122
Ion Ratio Lower Upper
165 100
63 53.7 45.8 68.6
89 85.4 68.6 102.8
182 2.1 2.0 3.0





#57

Fluorene

Concen: 39.81 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

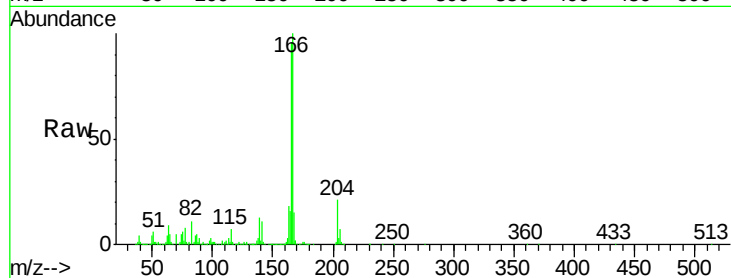
Tgt Ion:166 Resp: 1188815

Ion Ratio Lower Upper

166 100

165 95.8 81.0 121.6

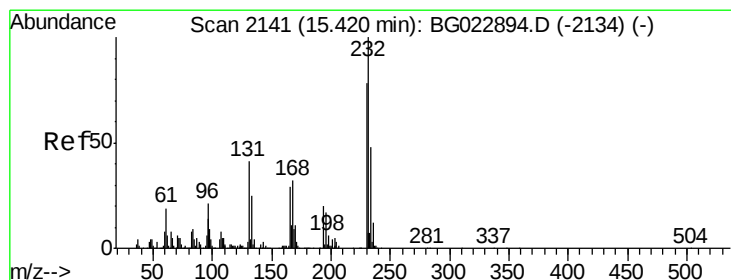
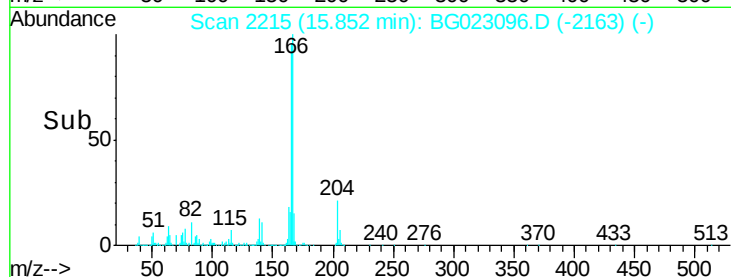
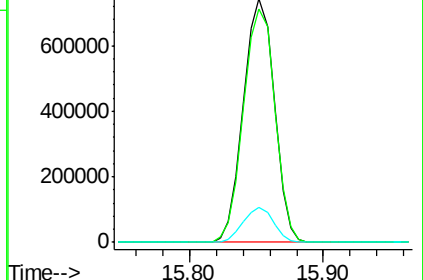
167 14.6 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.78 ng

RT: 15.43 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Tgt Ion:232 Resp: 403160

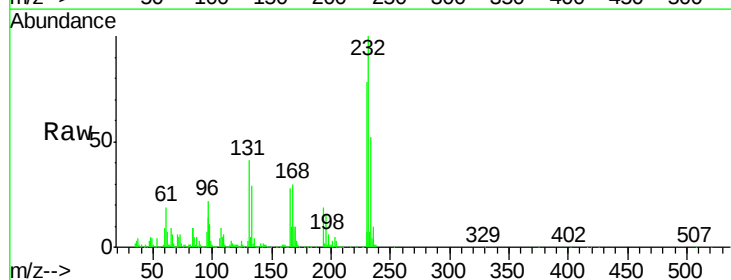
Ion Ratio Lower Upper

232 100

131 41.8 32.7 49.1

130 2.8 2.6 3.8

166 29.1 23.0 34.6

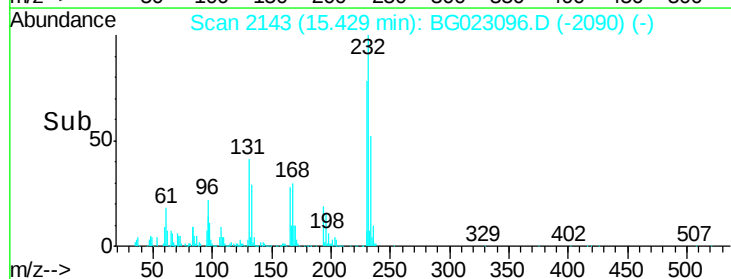
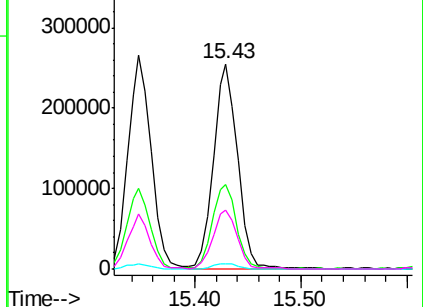


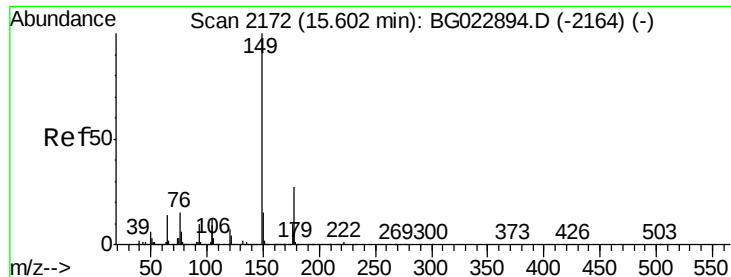
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

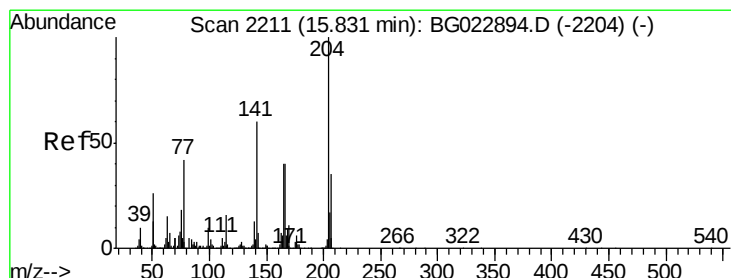
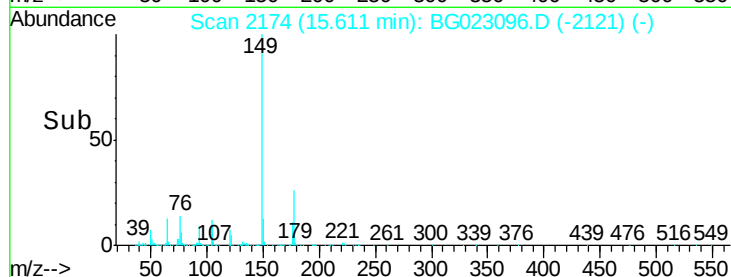
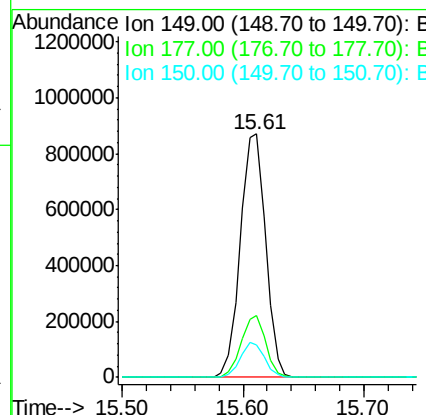
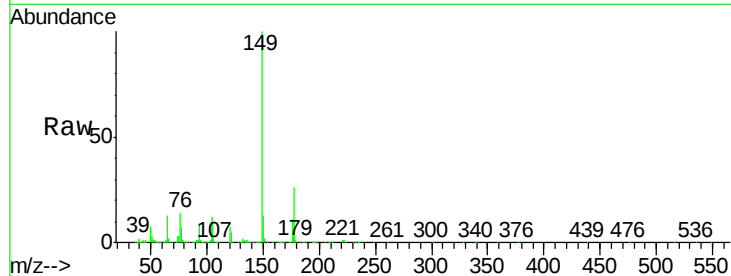




#59
Diethylphthalate
Concen: 39.45 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

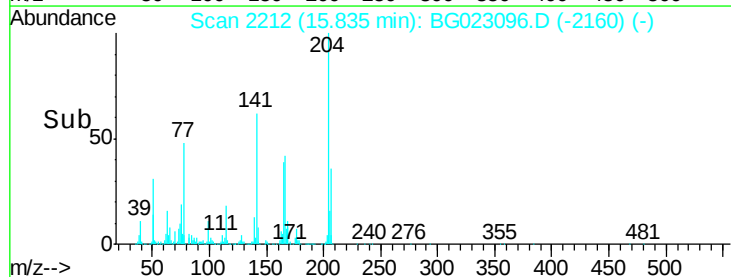
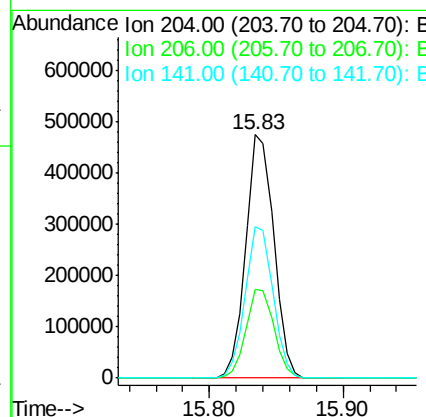
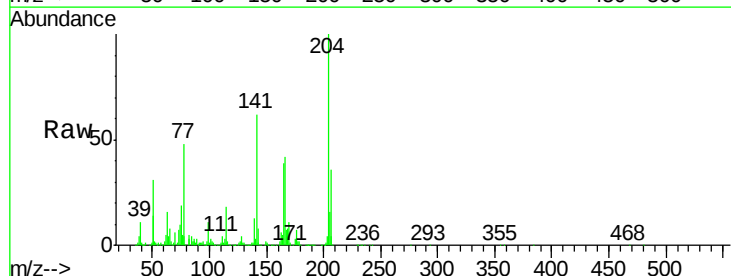
Instrument :
BNA_G
ClientSampleId :
PB92086BS

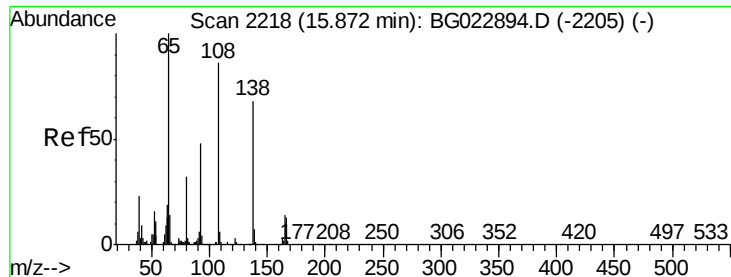
Tgt Ion:149 Resp: 1273904
Ion Ratio Lower Upper
149 100
177 25.6 19.2 28.8
150 13.2 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 37.73 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:204 Resp: 686216
Ion Ratio Lower Upper
204 100
206 36.4 28.5 42.7
141 62.4 51.4 77.0

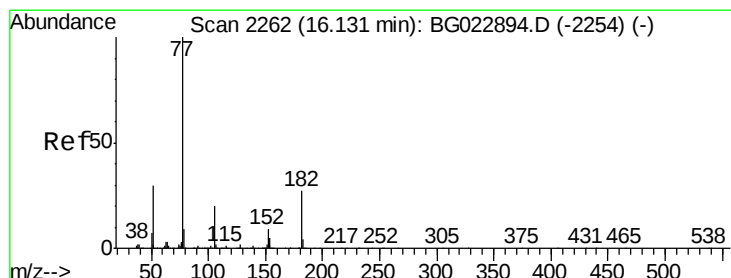
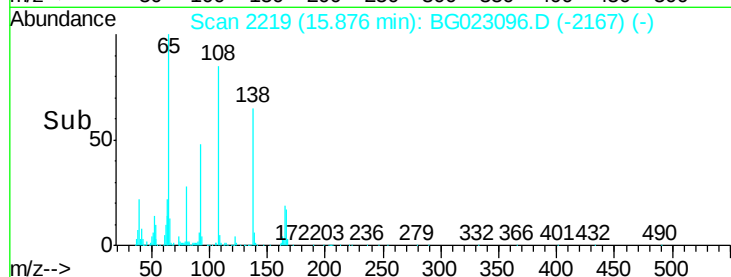
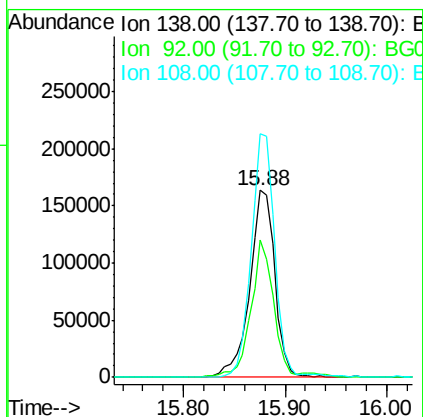
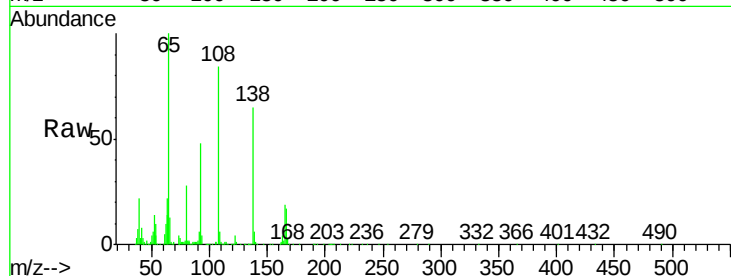




#61
4-Nitroaniline
Concen: 36.72 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

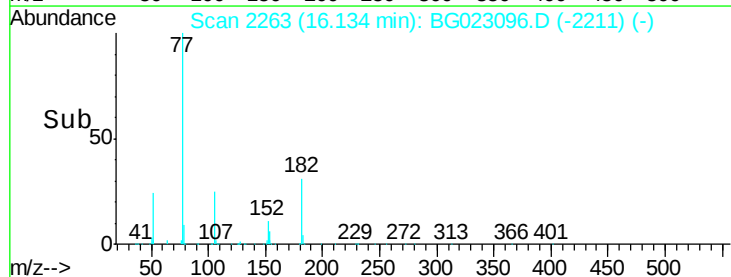
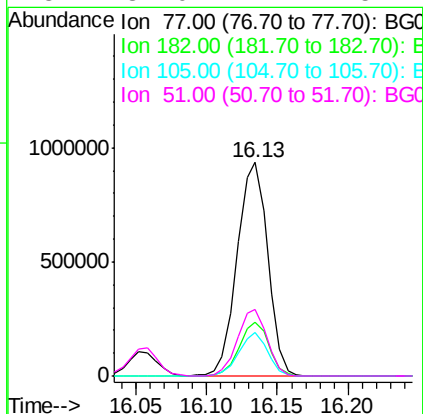
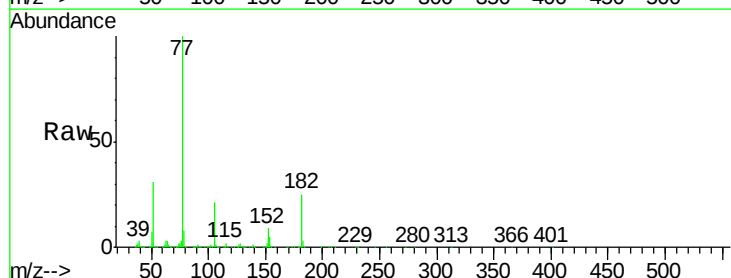
Instrument :
BNA_G
ClientSampleId :
PB92086BS

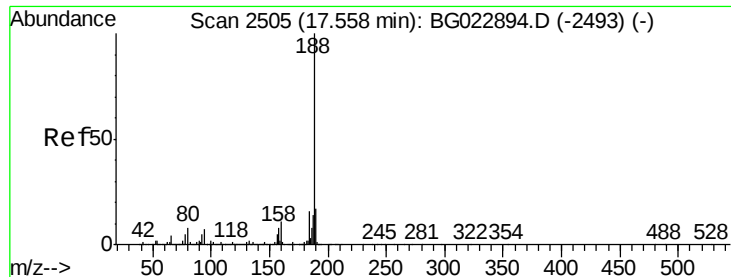
Tgt Ion: 138 Resp: 282597
Ion Ratio Lower Upper
138 100
92 73.8 54.1 94.1
108 130.4 133.9 173.9#



#62
Azobenzene
Concen: 45.79 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion: 77 Resp: 1414034
Ion Ratio Lower Upper
77 100
182 25.4 3.5 43.5
105 20.5 0.0 38.5
51 31.0 17.1 57.1

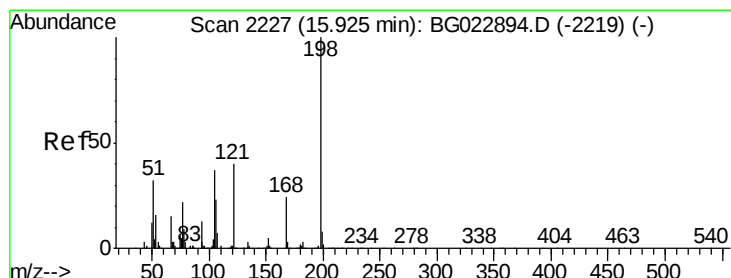
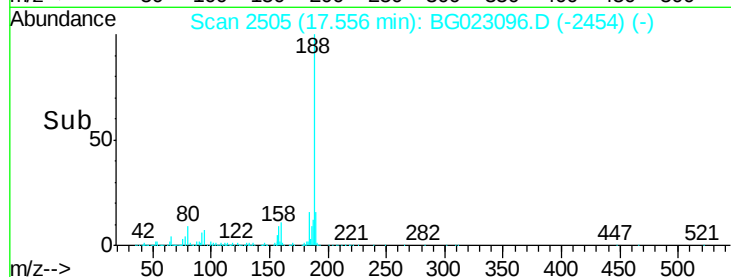
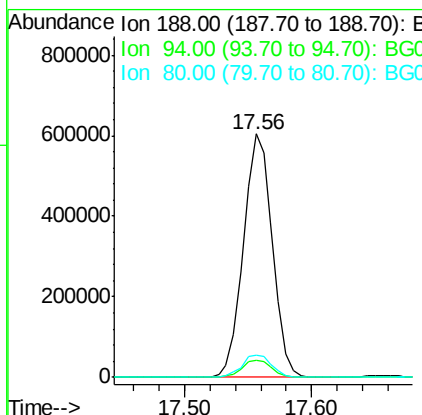
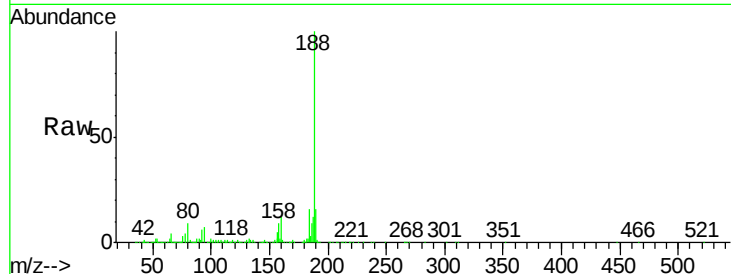




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

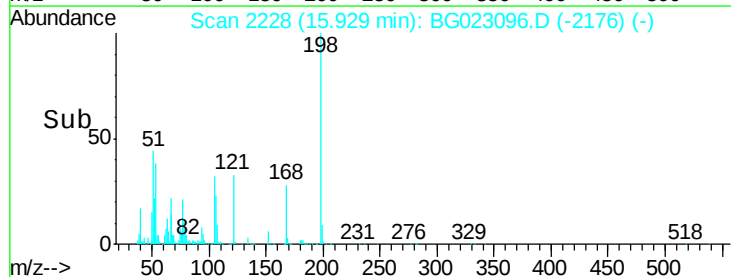
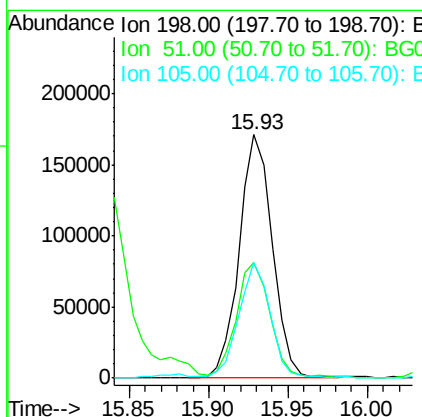
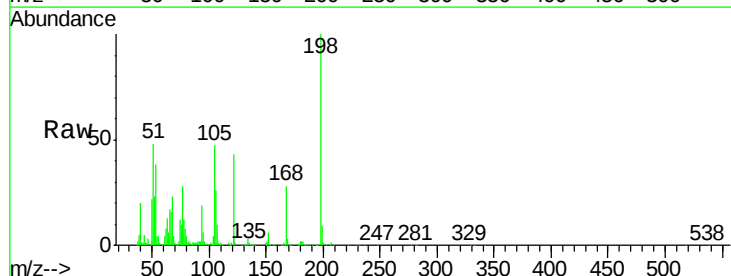
Instrument :
BNA_G
ClientSampleId :
PB92086BS

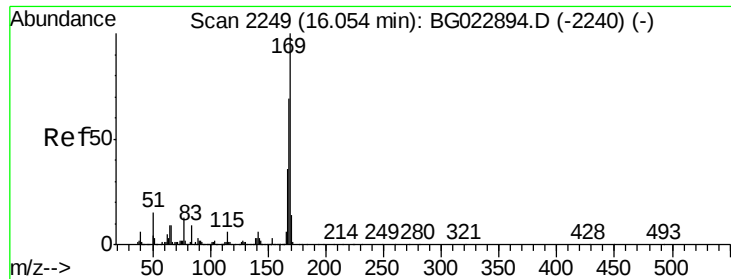
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.2	7.8
80	9.2	7.2	10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.17 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.7	26.0	66.0
105	47.3	20.1	60.1

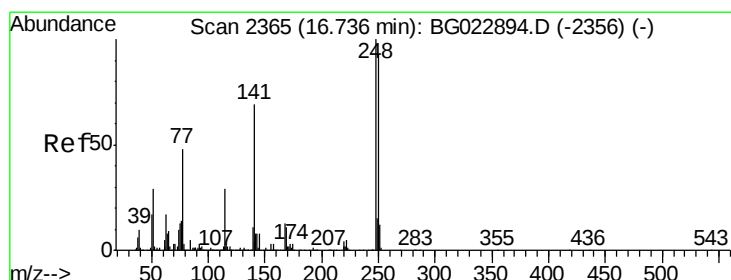
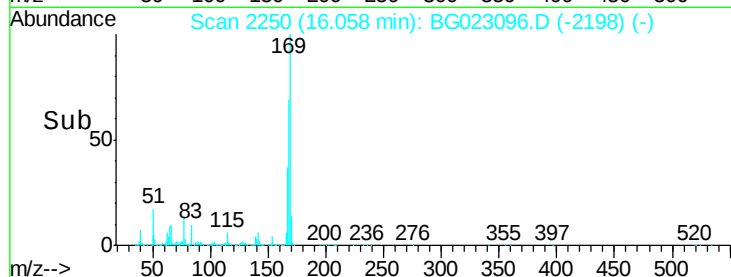
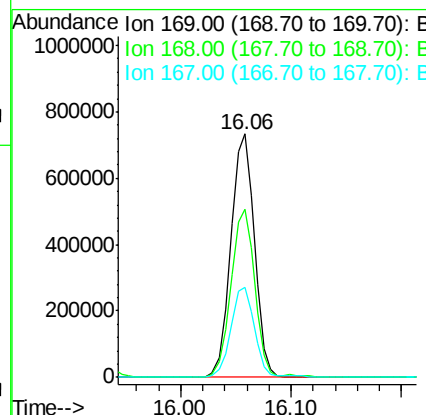
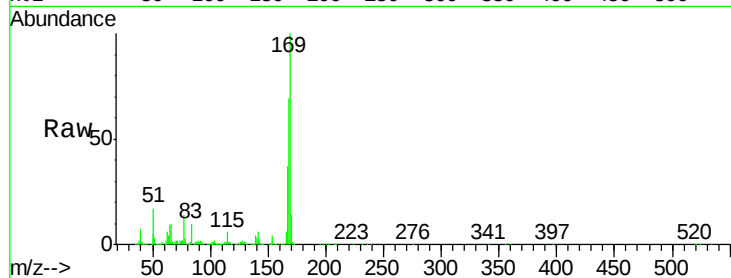




#65
n-Nitrosodiphenylamine
Concen: 40.07 ng
RT: 16.06 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

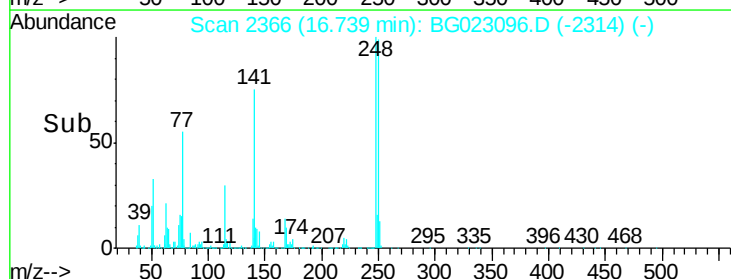
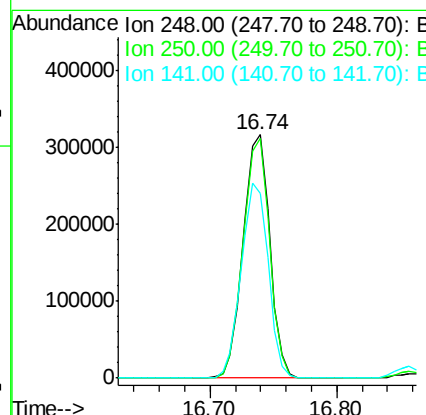
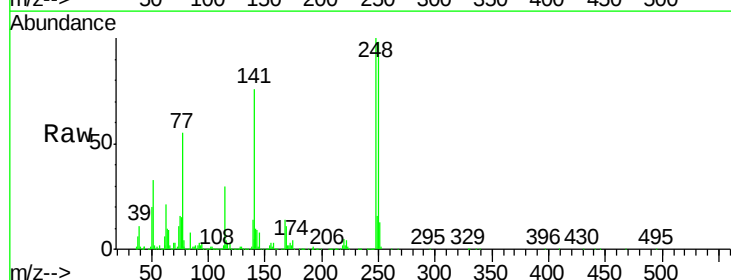
Instrument :
BNA_G
ClientSampleId :
PB92086BS

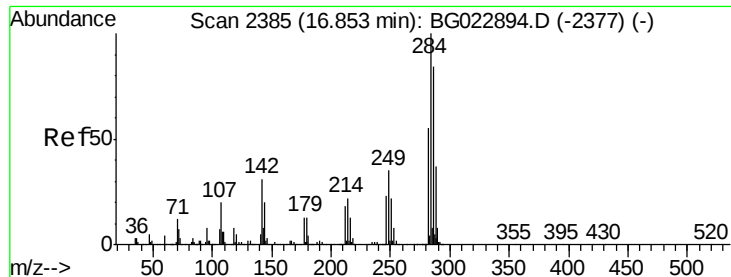
Tgt Ion:169 Resp: 1098590
Ion Ratio Lower Upper
169 100
168 68.8 55.0 82.4
167 37.1 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 37.13 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:248 Resp: 459750
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 75.7 65.7 98.5

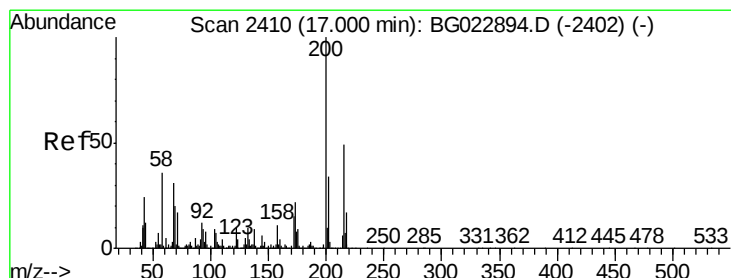
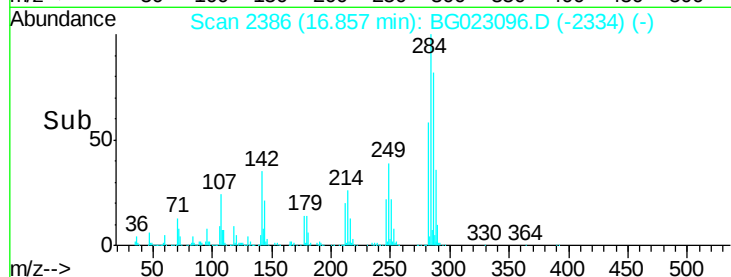
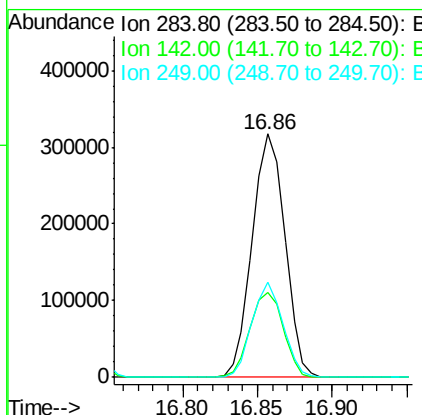
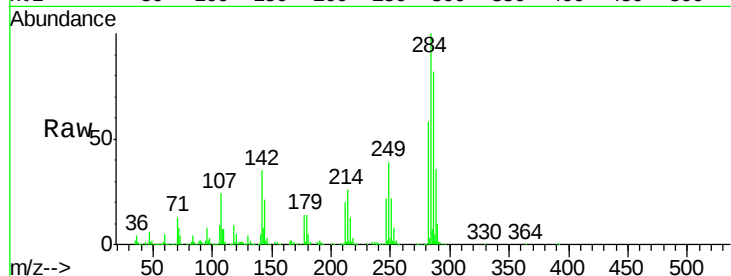




#67
Hexachlorobenzene
Concen: 35.79 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

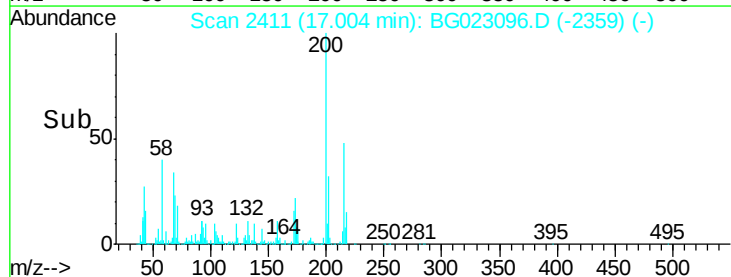
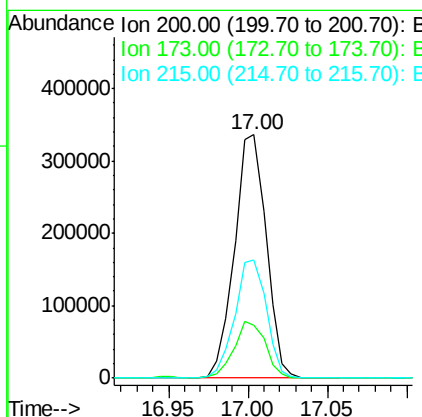
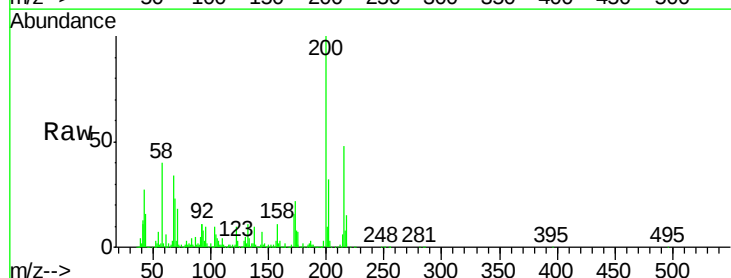
Instrument :
BNA_G
ClientSampleId :
PB92086BS

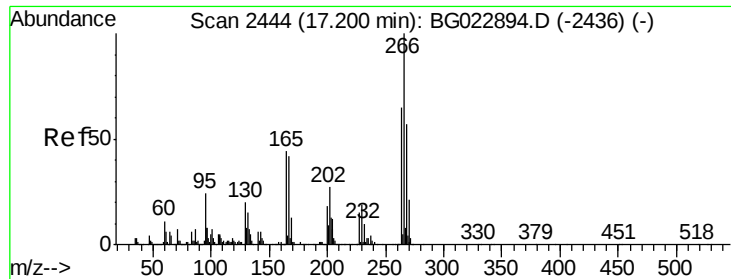
Tgt Ion:284 Resp: 481802
Ion Ratio Lower Upper
284 100
142 35.1 26.8 40.2
249 38.8 28.9 43.3



#68
Atrazine
Concen: 38.40 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:200 Resp: 467024
Ion Ratio Lower Upper
200 100
173 21.5 1.6 41.6
215 48.4 28.7 68.7

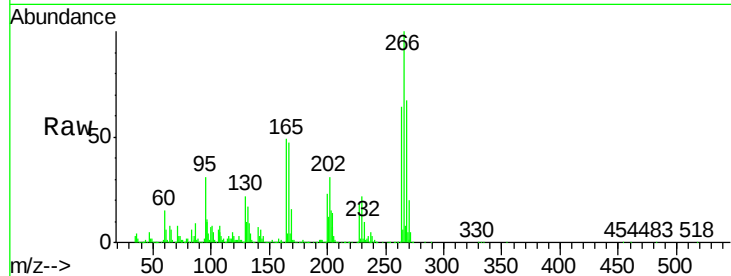




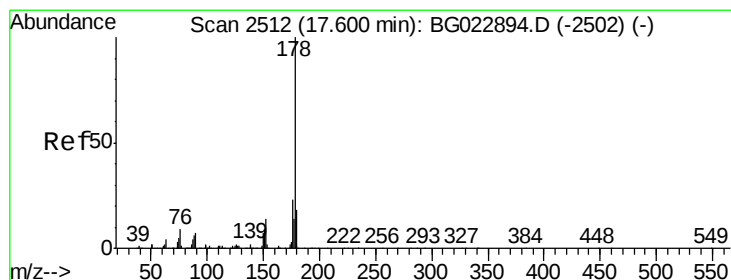
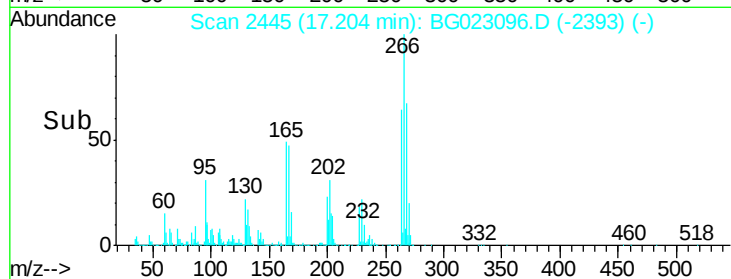
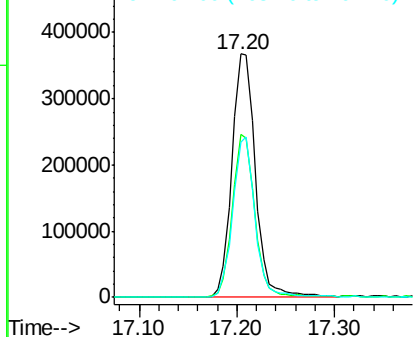
#69
 Pentachlorophenol
 Concen: 70.73 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.9	77.9
264	63.7	50.6	75.8

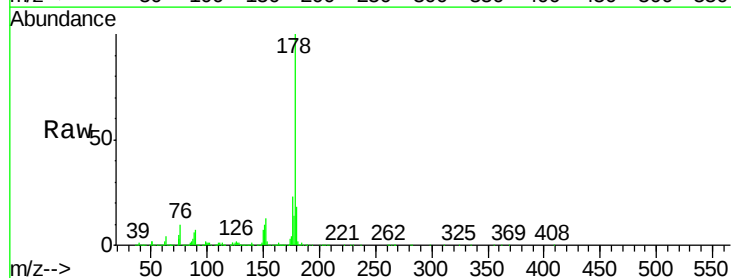


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

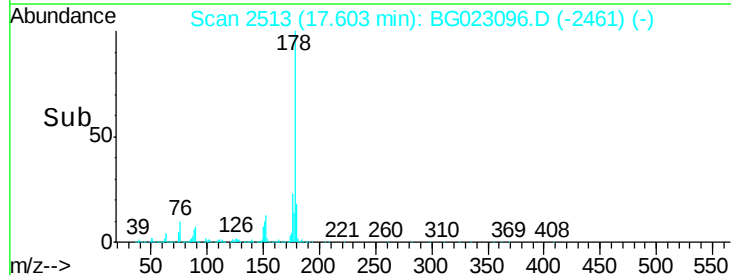
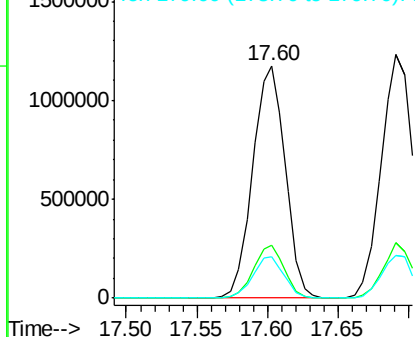


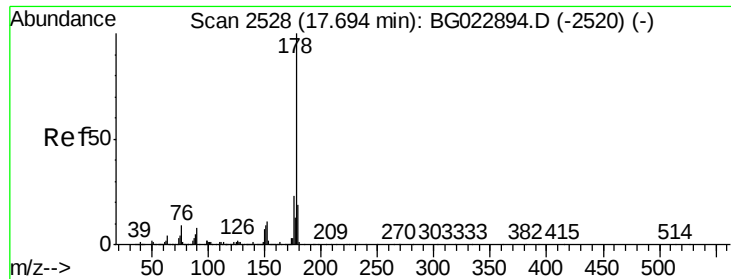
#70
 Phenanthrene
 Concen: 40.63 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.7	16.8	25.2
179	17.6	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

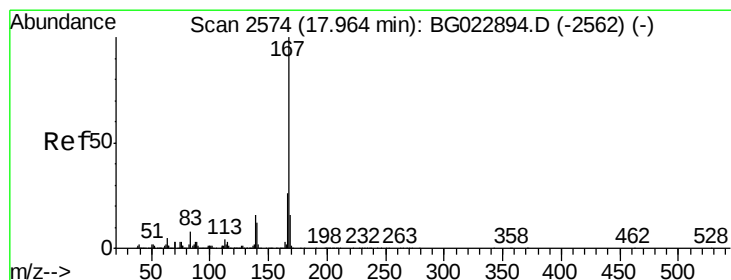
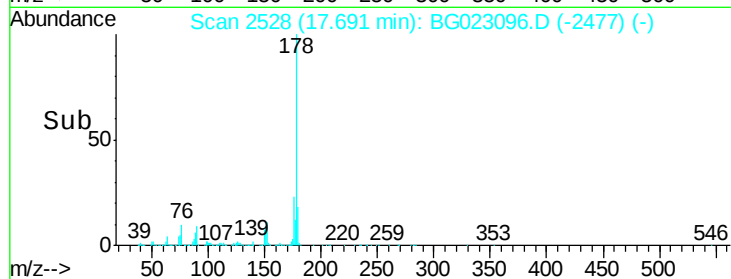
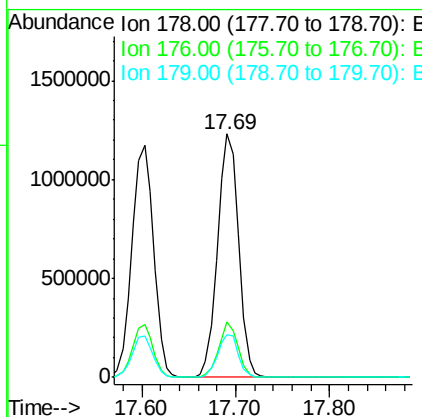
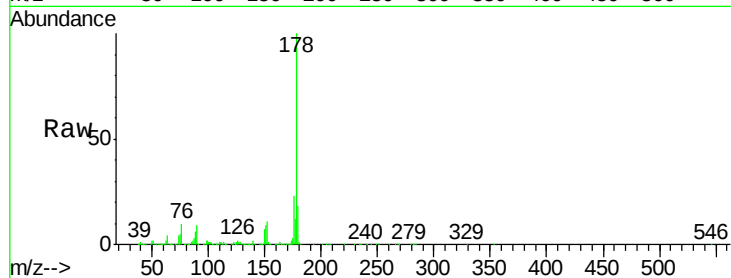




#71
 Anthracene
 Concen: 40.79 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

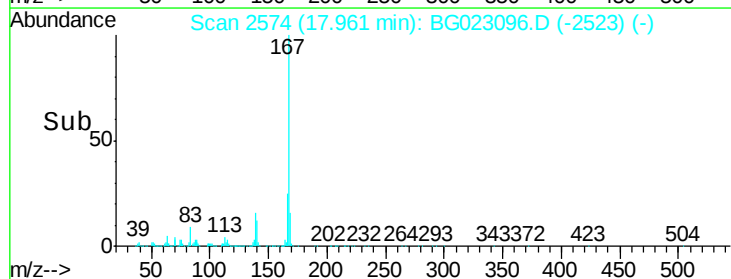
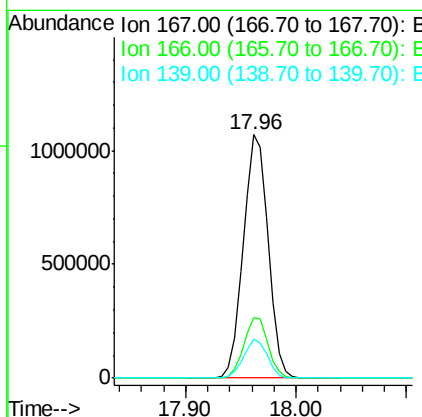
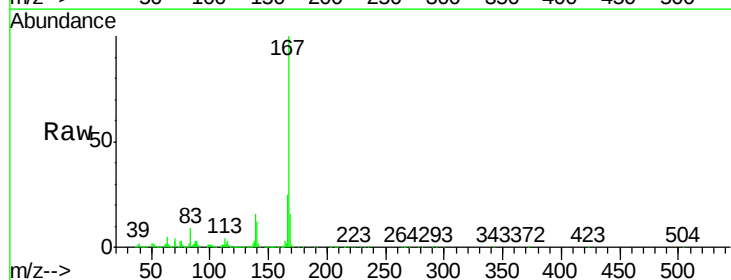
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

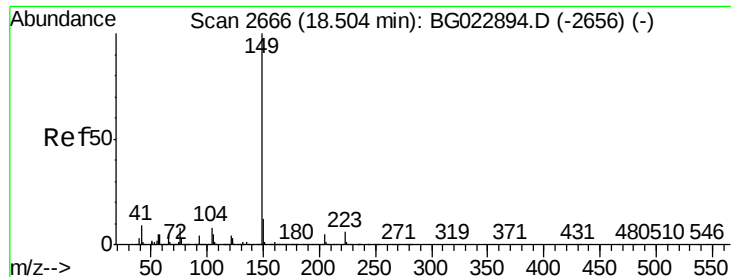
Tgt Ion:178 Resp: 1926447
 Ion Ratio Lower Upper
 178 100
 176 22.5 17.3 25.9
 179 17.7 14.0 21.0



#72
 Carbazole
 Concen: 41.41 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion:167 Resp: 1690040
 Ion Ratio Lower Upper
 167 100
 166 24.8 20.7 31.1
 139 15.8 11.9 17.9

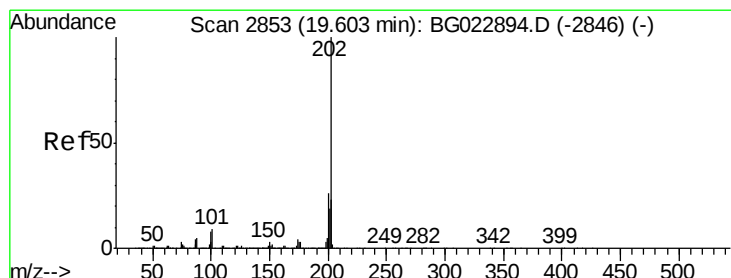
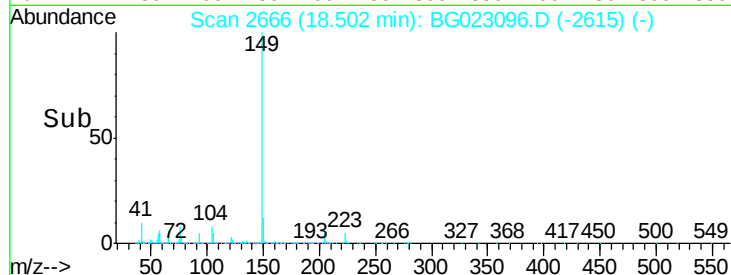
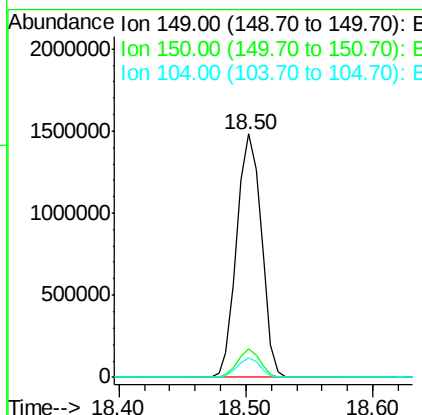
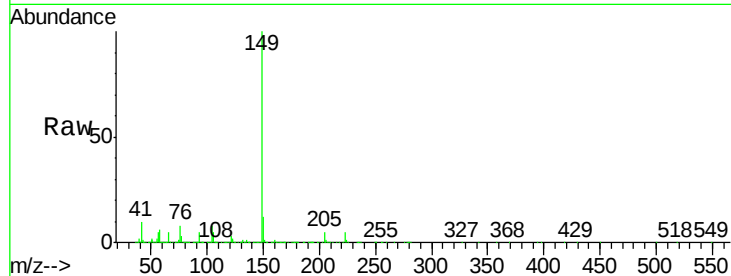




#73
Di-n-butylphthalate
Concen: 43.94 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

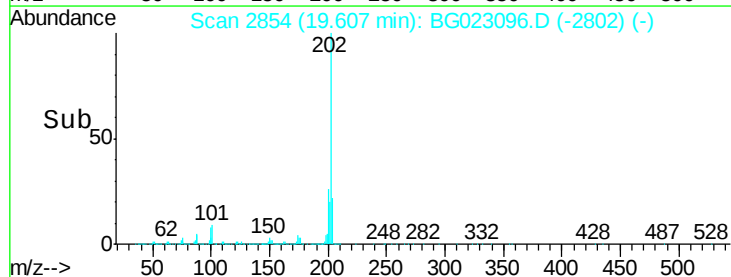
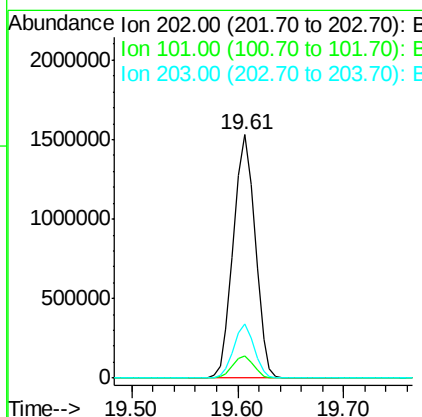
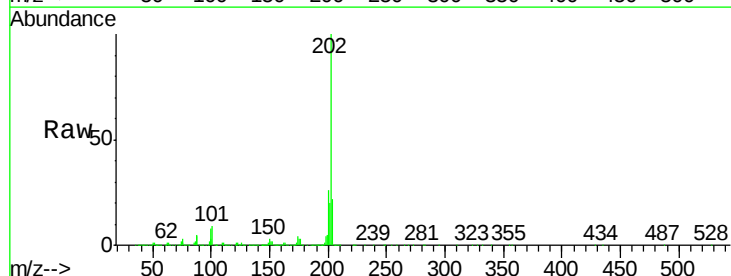
Instrument :
BNA_G
ClientSampleId :
PB92086BS

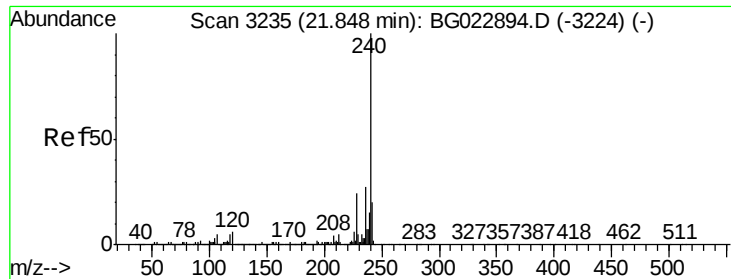
Tgt Ion:149 Resp: 1993997
Ion Ratio Lower Upper
149 100
150 11.8 9.1 13.7
104 8.1 6.9 10.3



#74
Fluoranthene
Concen: 38.14 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:202 Resp: 2183100
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.4
203 22.2 1.7 41.7

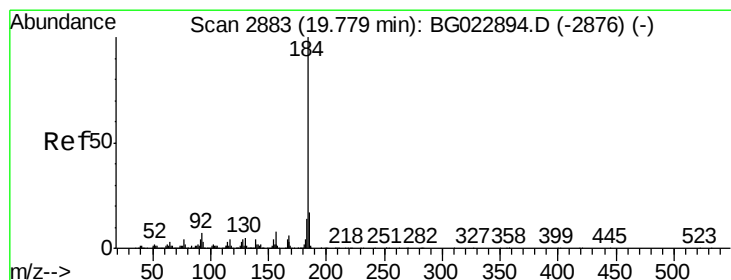
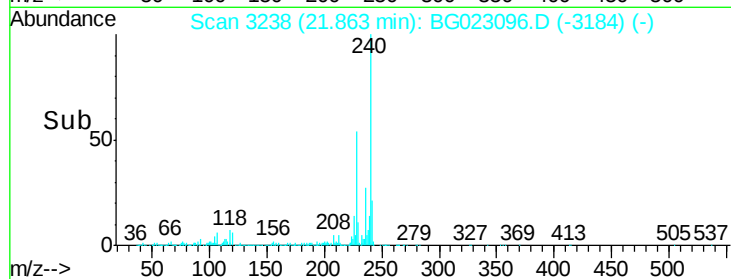
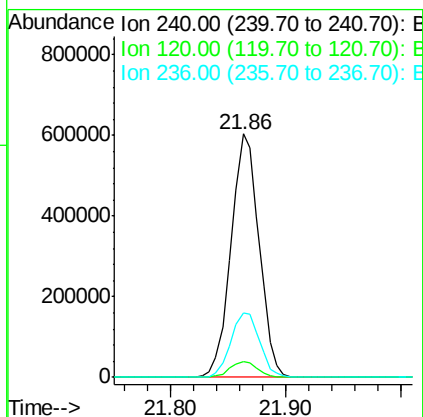
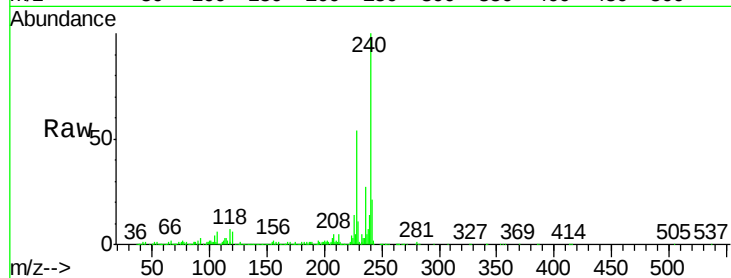




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

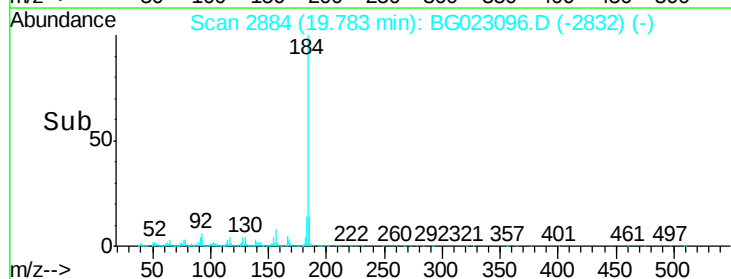
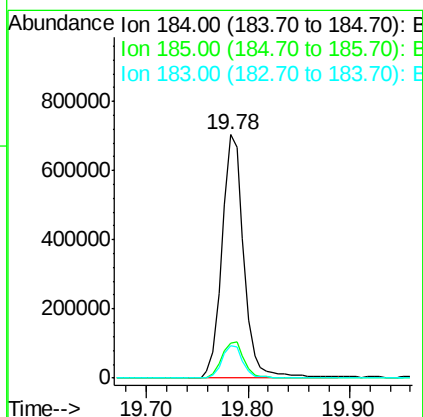
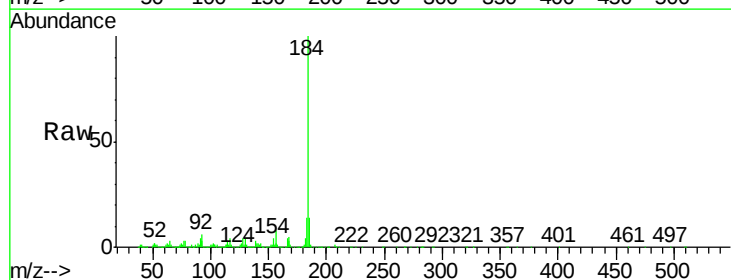
Instrument :
BNA_G
ClientSampleId :
PB92086BS

Tgt Ion:240 Resp: 1011208
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 26.6 21.1 31.7



#76
Benzidine
Concen: 36.36 ng
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:184 Resp: 1054087
Ion Ratio Lower Upper
184 100
185 14.5 12.6 19.0
183 13.5 10.7 16.1





#77

Pyrene

Concen: 39.06 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

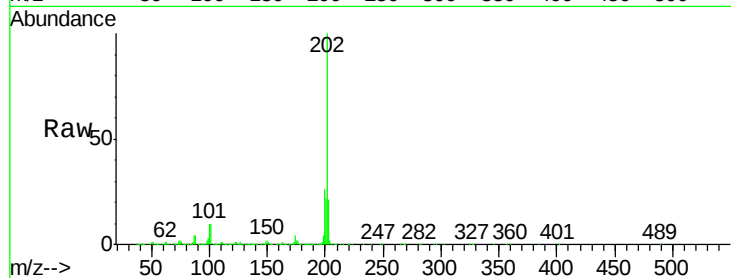
BNA_G

ClientSampleId :

PB92086BS

Tgt Ion:202 Resp: 2219505

Ion	Ratio	Lower	Upper
202	100		
200	26.2	21.2	31.8
203	21.3	16.8	25.2

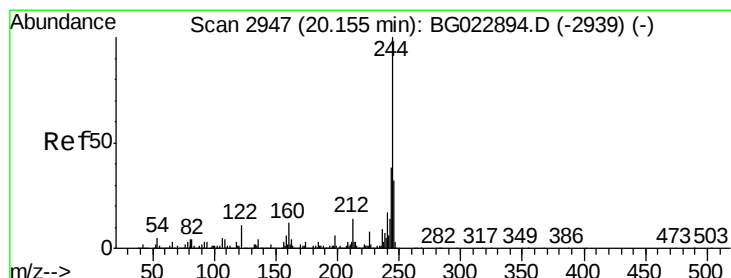
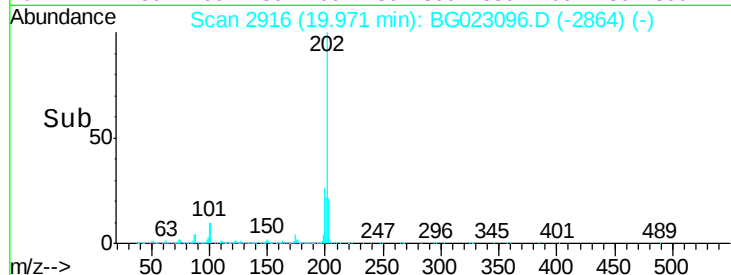
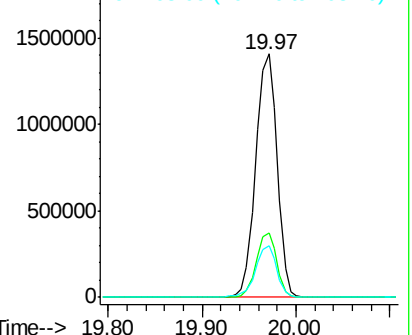


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.49 ng

RT: 20.16 min Scan# 2948

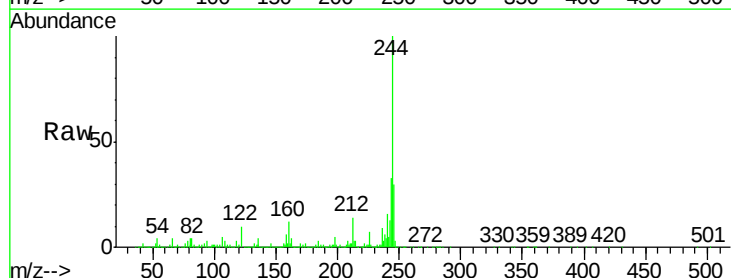
Delta R.T. 0.00 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Tgt Ion:244 Resp: 2758476

Ion	Ratio	Lower	Upper
244	100		
212	14.2	10.8	16.2
122	10.4	8.0	12.0

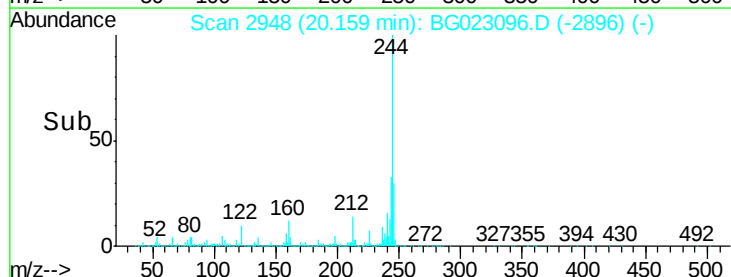
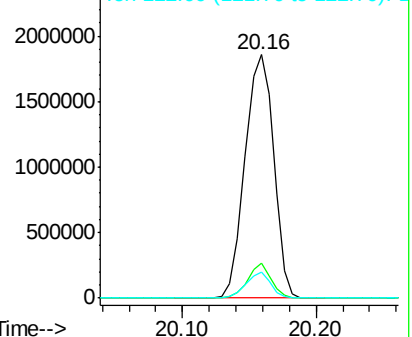


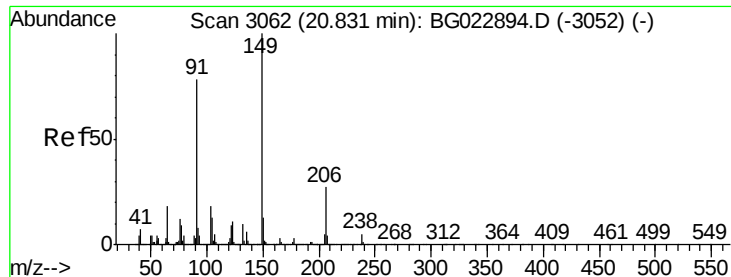
Abundance

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: 43.84 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.01 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

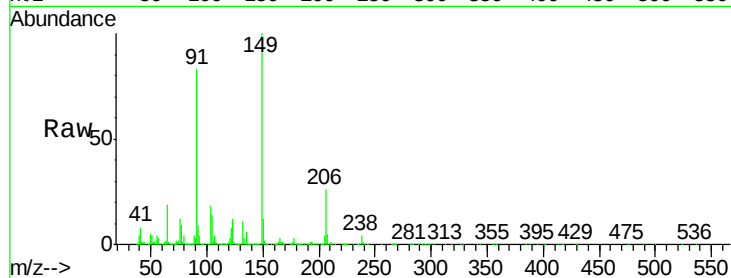
Tgt Ion:149 Resp: 986740

Ion Ratio Lower Upper

149 100

91 82.8 68.1 102.1

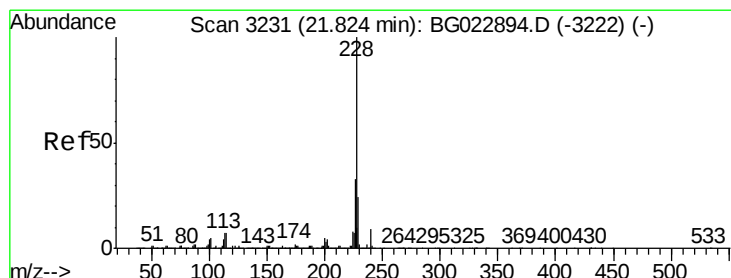
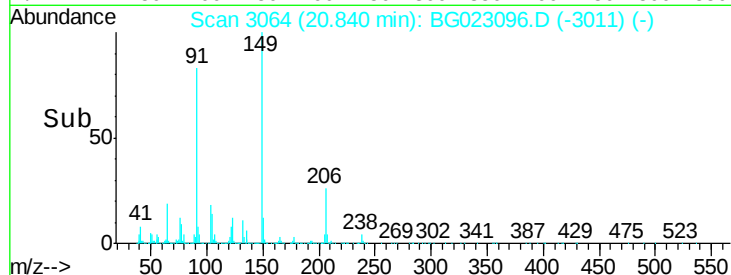
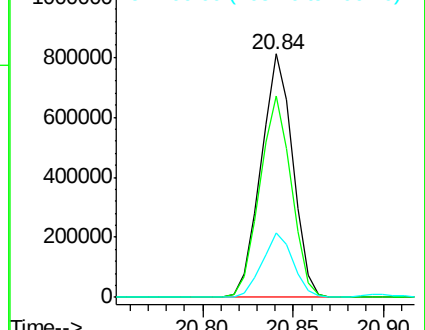
206 26.3 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.08 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.02 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

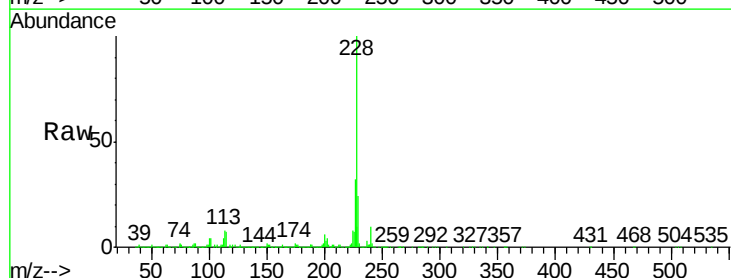
Tgt Ion:228 Resp: 2324389

Ion Ratio Lower Upper

228 100

226 31.5 25.3 37.9

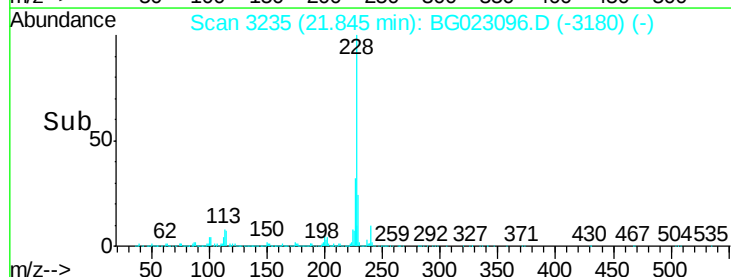
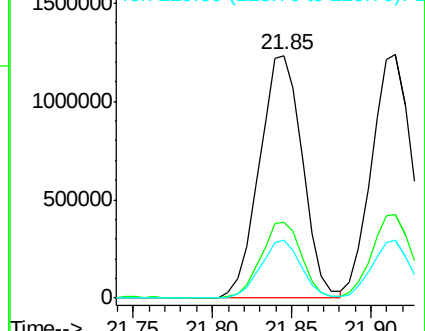
229 24.0 19.9 29.9

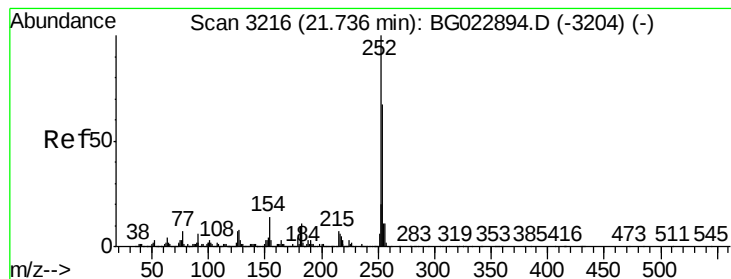


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 26.84 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.02 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

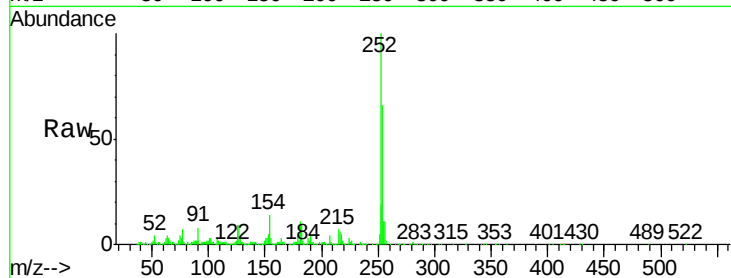
Tgt Ion:252 Resp: 666425

Ion Ratio Lower Upper

252 100

254 66.4 51.2 76.8

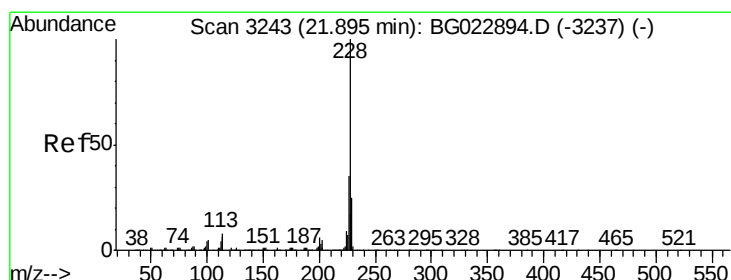
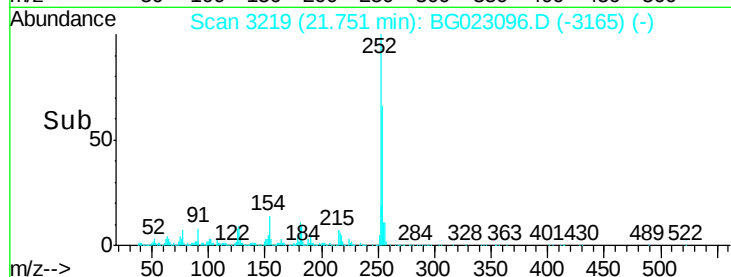
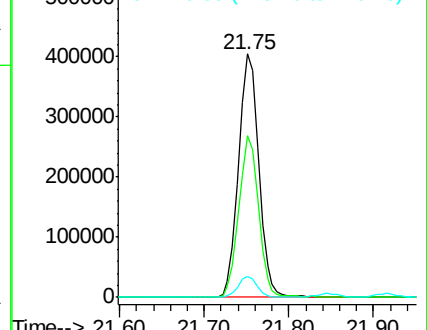
126 8.5 5.3 7.9#



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: 40.97 ng

RT: 21.92 min Scan# 3247

Delta R.T. 0.02 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

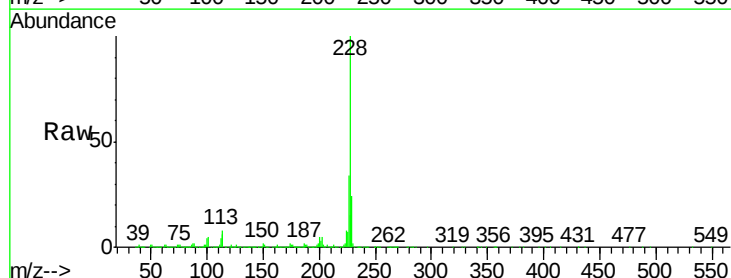
Tgt Ion:228 Resp: 2174306

Ion Ratio Lower Upper

228 100

226 34.5 26.7 40.1

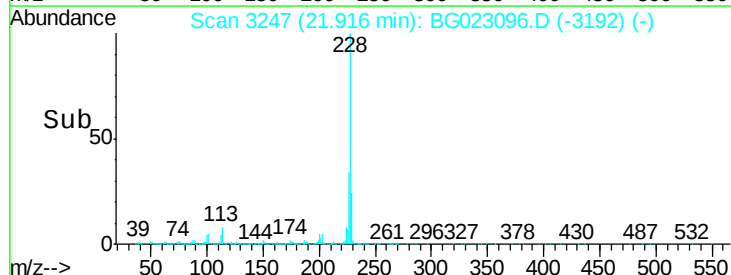
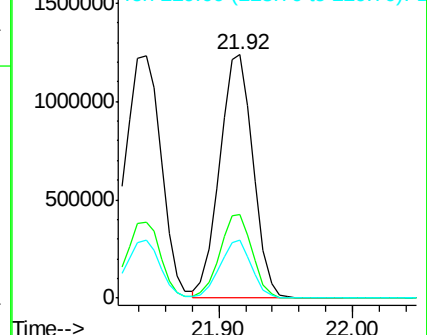
229 24.1 17.4 26.2

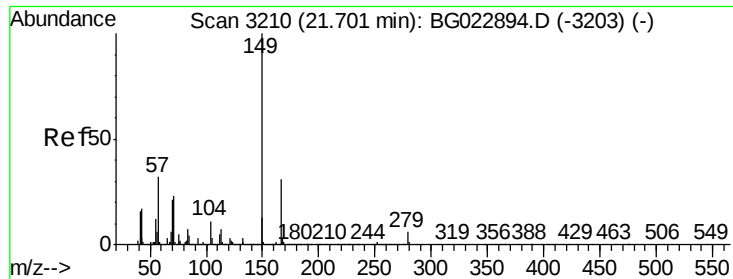


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

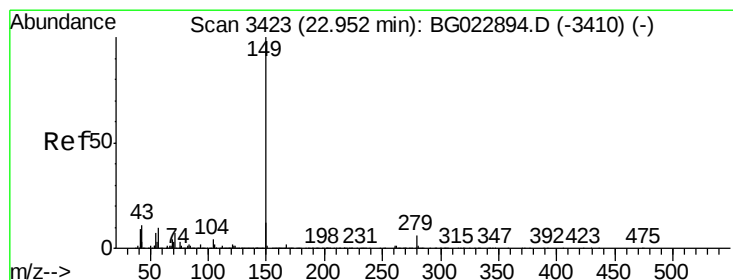
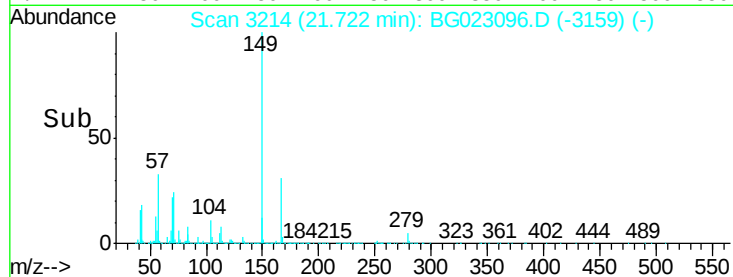
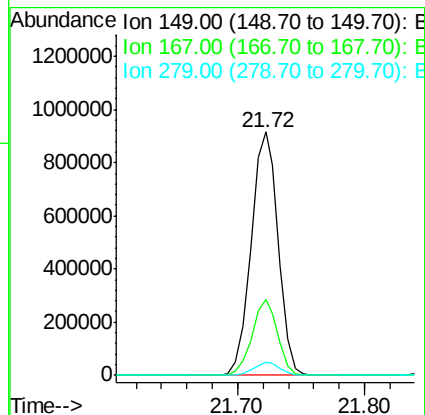
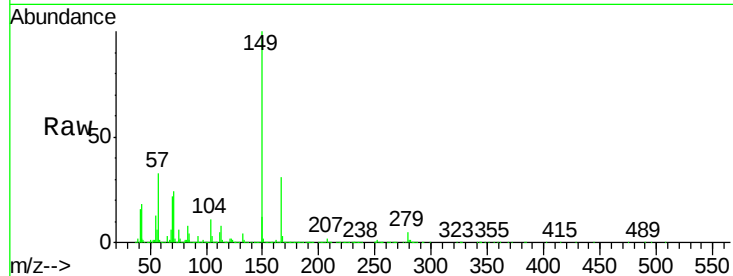




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.16 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.02 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

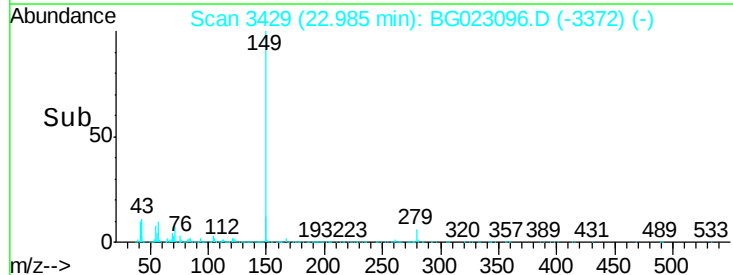
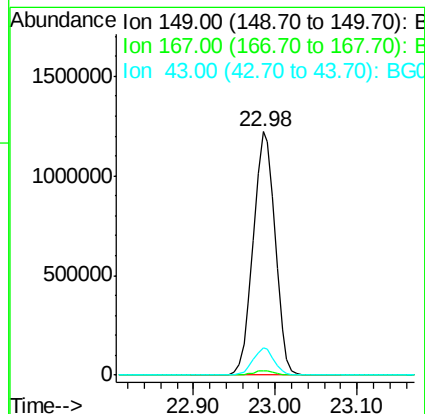
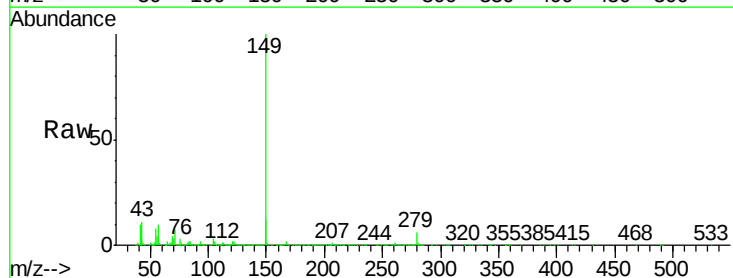
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

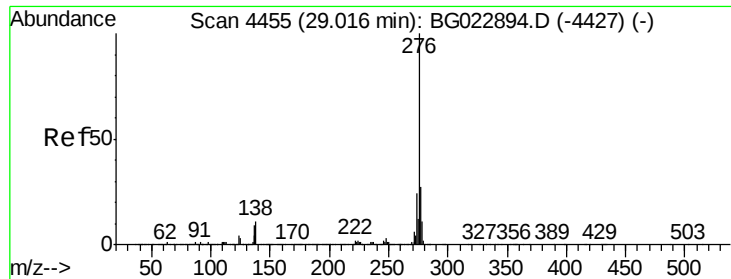
Tgt Ion:149 Resp: 1348863
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.0 36.0
 279 5.2 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 43.68 ng
 RT: 22.98 min Scan# 3429
 Delta R.T. 0.03 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion:149 Resp: 2276842
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.6 8.8 13.2

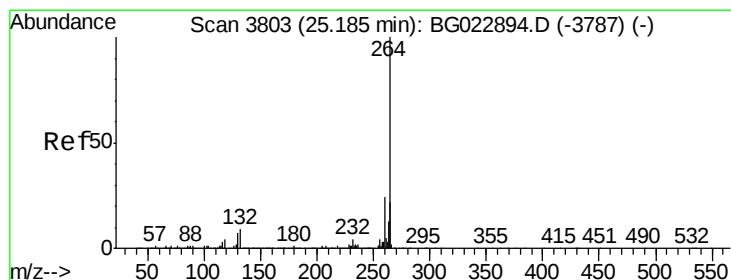
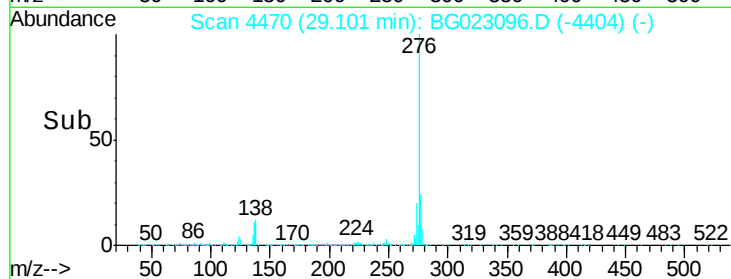
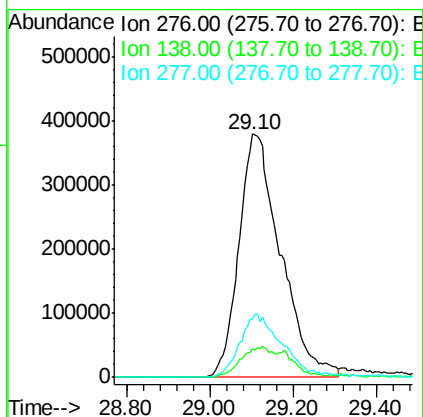
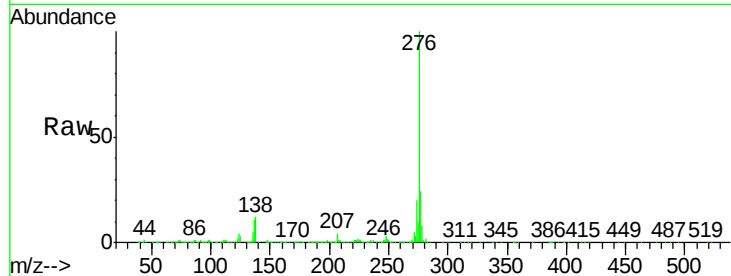




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.99 ng
 RT: 29.10 min Scan# 4470
 Delta R.T. 0.09 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

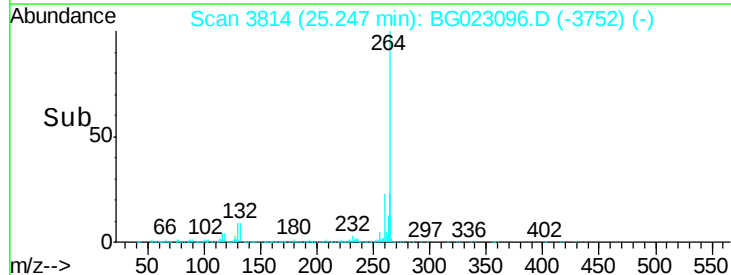
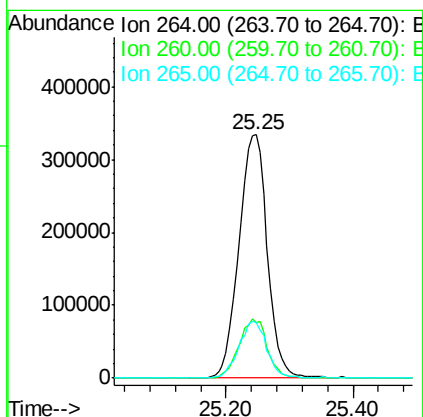
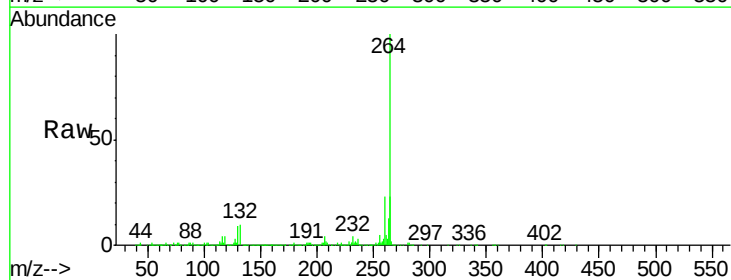
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

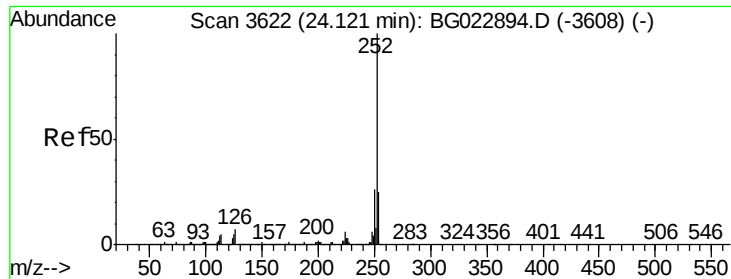
Tgt Ion:276 Resp: 2638117
 Ion Ratio Lower Upper
 276 100
 138 0.0 0.0 0.0
 277 26.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Tgt Ion:264 Resp: 1036472
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 22.6 18.9 28.3

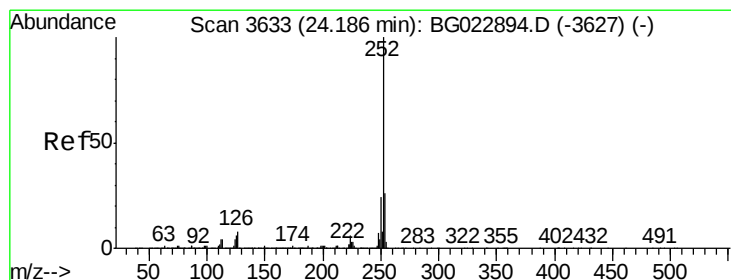
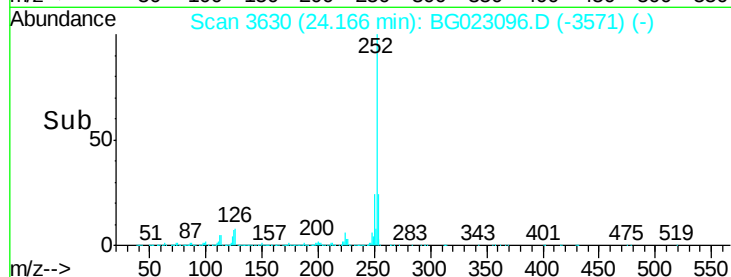
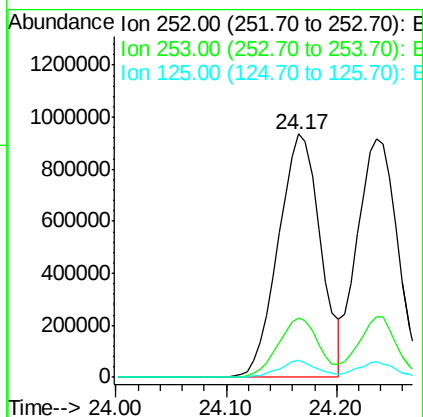
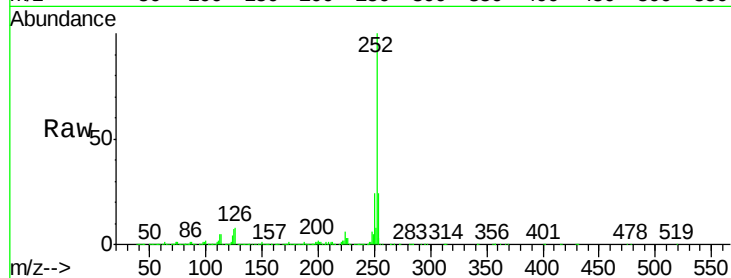




#87
Benzo(b)fluoranthene
Concen: 41.14 ng
RT: 24.17 min Scan# 3630
Delta R.T. 0.04 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

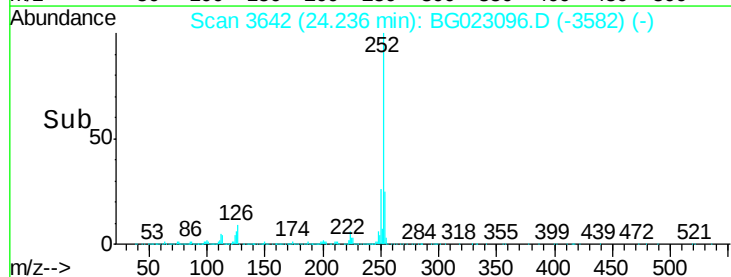
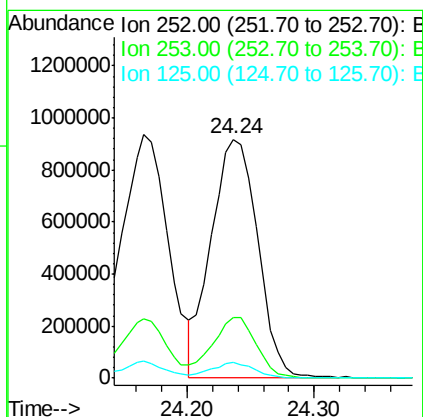
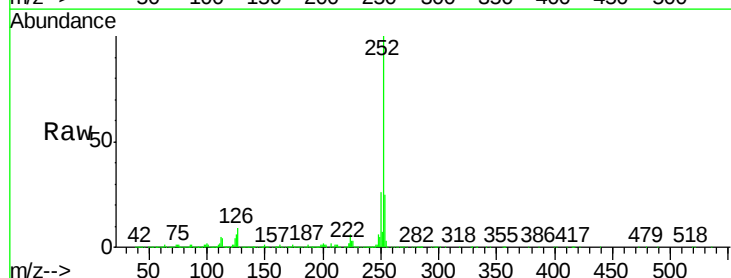
Instrument :
BNA_G
ClientSampleId :
PB92086BS

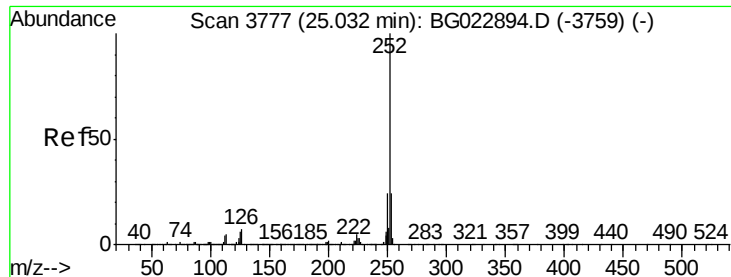
Tgt Ion:252 Resp: 2460095
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 7.1 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 40.96 ng
RT: 24.24 min Scan# 3642
Delta R.T. 0.05 min
Lab File: BG023096.D
Acq: 14 Jul 2016 11:30

Tgt Ion:252 Resp: 2324674
Ion Ratio Lower Upper
252 100
253 25.4 18.8 28.2
125 6.5 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 42.04 ng

RT: 25.08 min Scan# 3786

Delta R.T. 0.05 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

Instrument :

BNA_G

ClientSampleId :

PB92086BS

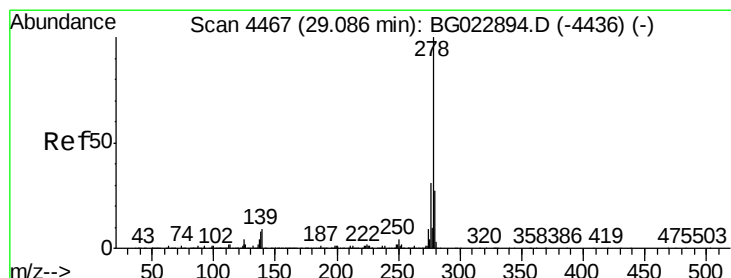
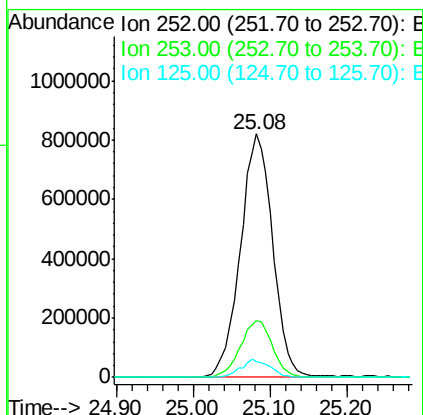
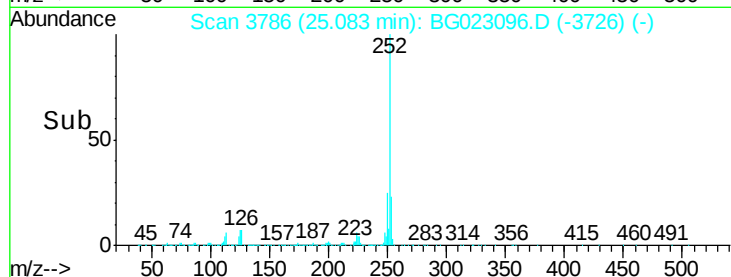
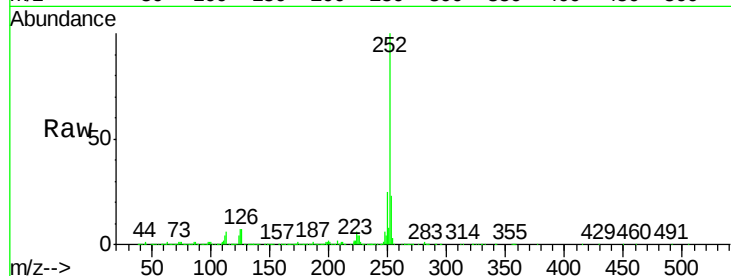
Tgt Ion:252 Resp: 2409647

Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

125 6.7 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 38.68 ng

RT: 29.17 min Scan# 4482

Delta R.T. 0.09 min

Lab File: BG023096.D

Acq: 14 Jul 2016 11:30

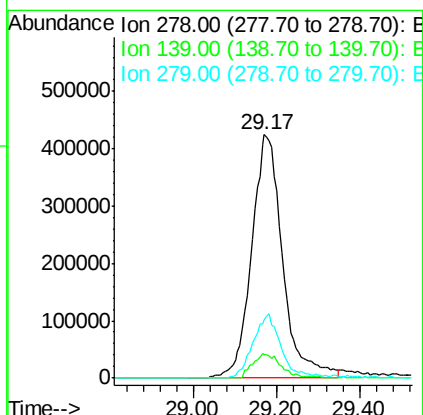
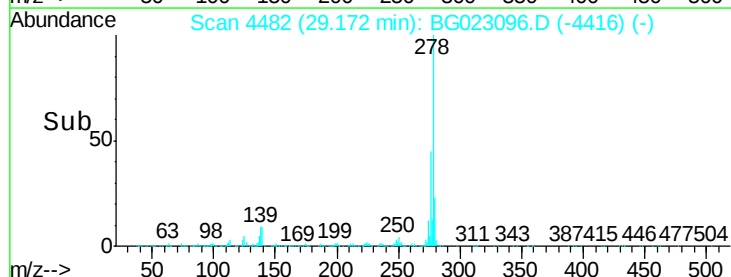
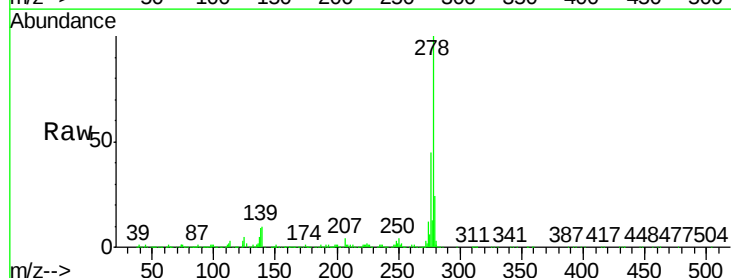
Tgt Ion:278 Resp: 2200642

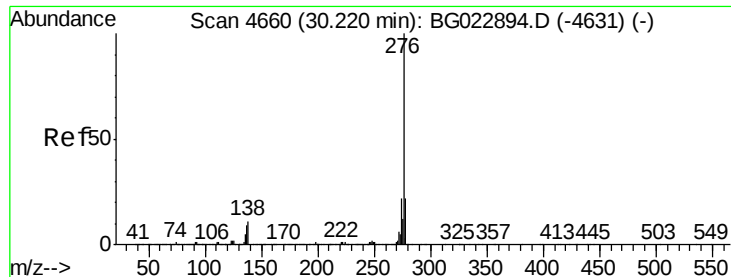
Ion Ratio Lower Upper

278 100

139 9.6 4.7 7.1#

279 23.6 18.3 27.5





#91
 Benzo(g,h,i)perylene
 Concen: 37.06 ng
 RT: 30.31 min Scan# 4676
 Delta R.T. 0.09 min
 Lab File: BG023096.D
 Acq: 14 Jul 2016 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB92086BS

Tgt Ion: 276 Resp: 2111703
 Ion Ratio Lower Upper
 276 100
 277 26.1 18.6 27.8
 138 12.4 6.8 10.2#

