

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023031.D
 Acq On : 12 Jul 2016 11:25
 Operator : UM/SJ
 Sample : H3936-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:43:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	1150	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	264	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	344	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	878	20.00	ng	0.00
75) Chrysene-d12	21.85	240	401	20.00	ng	0.00
86) Perylene-d12	25.21	264	163	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	921788	13109.49	ng	0.00
7) Phenol-d6	7.31	99	1489668	13526.53	ng	0.00
23) Nitrobenzene-d5	9.34	82	1086284	176189.11	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	812226	131374.82	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2049452	93841.91	ng	0.00
78) Terphenyl-d14	20.16	244	2650793	-20.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	301	11.01	ng	# 1
4) n-Nitrosodimethylamine	3.89	42	610	15.20	ng	# 1
6) Aniline	7.48	93	308	2.02	ng	# 37
8) 2-Chlorophenol	7.72	128	286	3.82	ng	# 1
9) Benzaldehyde	7.28	77	373	5.07	ng	# 23
10) Phenol	7.34	94	10136	89.45	ng	# 1
15) Benzyl Alcohol	8.40	79	1390	13.78	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.43	45	1058	9.64	ng	# 78
22) Acetophenone	9.03	105	154	19.44	ng	# 49
24) Nitrobenzene	9.41	77	165	25.19	ng	# 1
25) Isophorone	9.89	82	119	9.60	ng	# 69
26) 2-Nitrophenol	10.08	139	115	44.74	ng	# 39
27) 2,4-Dimethylphenol	10.16	122	86	19.35	ng	# 4
28) bis(2-Chloroethoxy)methane	10.38	93	93	13.45	ng	# 50
29) 2,4-Dichlorophenol	10.81	162	215	45.36	ng	# 25
30) 1,2,4-Trichlorobenzene	10.86	180	55	10.13	ng	# 14
31) Naphthalene	11.03	128	65	4.84	ng	# 67
32) Benzoic acid	10.28	122	241	59.61	ng	# 16
33) 4-Chloroaniline	11.15	127	68	10.35	ng	# 38
34) Hexachlorobutadiene	11.32	225	59	13.40	ng	# 1
35) Caprolactam	11.91	113	126	64.62	ng	# 1
36) 4-Chloro-3-methylphenol	12.26	107	60	9.26	ng	# 1
37) 2-Methylnaphthalene	12.64	142	59	5.55	ng	# 13
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	65	4.38	ng	# 67
42) 2,4,6-Trichlorophenol	13.27	196	164	19.25	ng	# 11
43) 2,4,5-Trichlorophenol	13.33	196	85	9.71	ng	# 12
45) 1,1'-Biphenyl	13.63	154	426	16.50	ng	# 43
46) 2-Chloronaphthalene	13.69	162	268	12.80	ng	# 63
47) 2-Nitroaniline	13.91	65	330	36.94	ng	# 16
48) Acenaphthylene	14.53	152	83	2.64	ng	# 58
49) Dimethylphthalate	14.25	163	777772	27678.63	ng	# 99
50) 2,6-Dinitrotoluene	14.32	165	1292	204.59	ng	# 20
51) Acenaphthene	14.87	154	53	2.58	ng	# 2
52) 3-Nitroaniline	14.64	138	99	15.72	ng	# 1

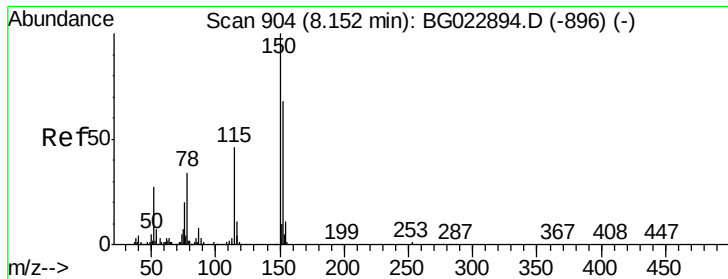
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 2,4-Dinitrophenol	14.92	184	92	21.23	nq	# 10
54) Dibenzofuran	15.21	168	515	16.76	nq	# 62
55) 4-Nitrophenol	14.96	139	60	11.37	nq	# 1
56) 2,4-Dinitrotoluene	15.16	165	172	18.68	nq	# 9
57) Fluorene	15.86	166	199	7.53	nq	# 1
58) 2,3,4,6-Tetrachlorophenol	15.43	232	110	12.57	nq	# 34
59) Diethylphthalate	15.60	149	2670	93.38	nq	# 66
60) 4-Chlorophenyl-phenylether	15.86	204	63	3.91	nq	# 26
61) 4-Nitroaniline	15.88	138	71	10.42	nq	# 1
62) Azobenzene	16.14	77	854	31.23	nq	# 43
64) 4,6-Dinitro-2-methylphenol	15.96	198	62	9.50	nq	# 1
65) n-Nitrosodiphenylamine	16.30	169	31429	1242.46	nq	# 43
66) 4-Bromophenyl-phenylether	16.75	248	59	5.16	nq	# 4
67) Hexachlorobenzene	16.78	284	86	6.92	nq	# 1
68) Atrazine	17.00	200	130	11.59	nq	# 36
69) Pentachlorophenol	17.24	266	65	8.08	nq	# 18
70) Phenanthrene	17.61	178	1304	30.31	nq	# 23
71) Anthracene	17.68	178	206	4.73	nq	# 45
72) Carbazole	17.96	167	151	4.01	nq	# 53
73) Di-n-butylphthalate	18.51	149	16832	402.02	nq	# 87
74) Fluoranthene	19.61	202	1322	25.04	nq	# 55
76) Benzidine	19.79	184	78	6.78	nq	# 14
77) Pyrene	19.97	202	1227	54.45	nq	# 74
79) Butylbenzylphthalate	20.85	149	1134	127.05	nq	# 83
80) Benzo(a)anthracene	21.82	228	417	18.59	nq	# 46
81) 3,3'-Dichlorobenzidine	21.74	252	296	30.06	nq	# 24
82) Chrysene	21.89	228	367	17.44	nq	# 72
83) Bis(2-ethylhexyl)phthalate	21.73	149	33572	2708.75	nq	# 97
84) Di-n-octyl phthalate	22.97	149	907	43.88	nq	# 1
85) Indeno(1,2,3-cd)pyrene	29.02	276	171	6.37	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	193	20.52	nq	# 1
88) Benzo(k)fluoranthene	24.19	252	274	30.70	nq	# 1
89) Benzo(a)pyrene	25.04	252	276	30.62	nq	# 58
90) Dibenzo(a,h)anthracene	29.09	278	88	9.84	nq	# 1
91) Benzo(a,h,i)perylene	30.25	276	61	6.81	nq	# 59

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

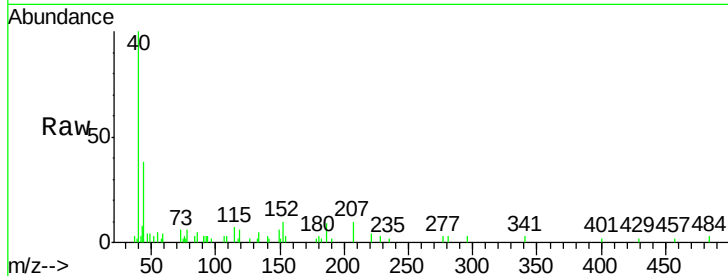
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1150

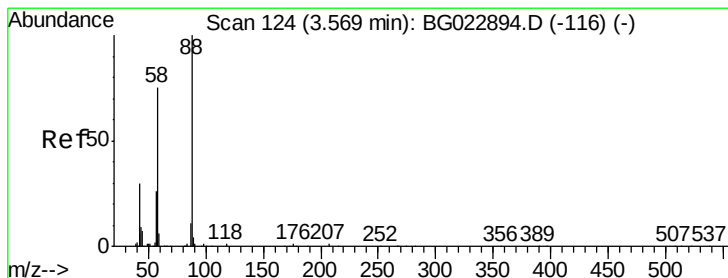
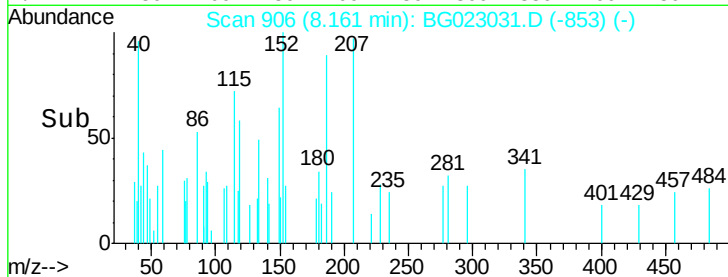
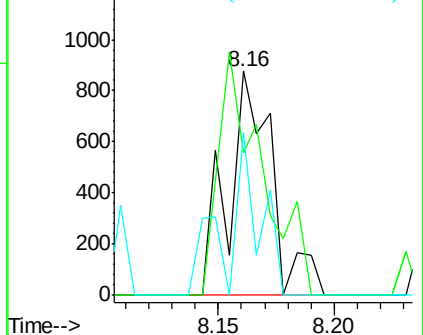
Ion	Ratio	Lower	Upper
152	100		
150	63.7	144.7	217.1#
115	72.4	64.0	96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.01 ng

RT: 3.57 min Scan# 124

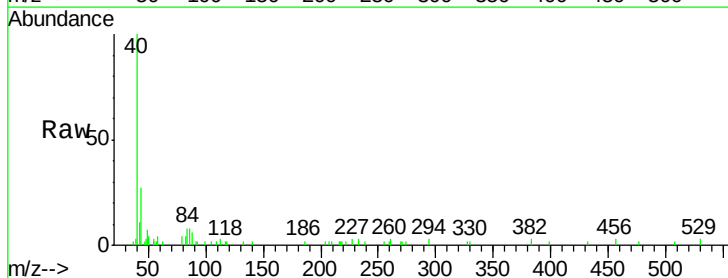
Delta R.T. -0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion: 88 Resp: 301

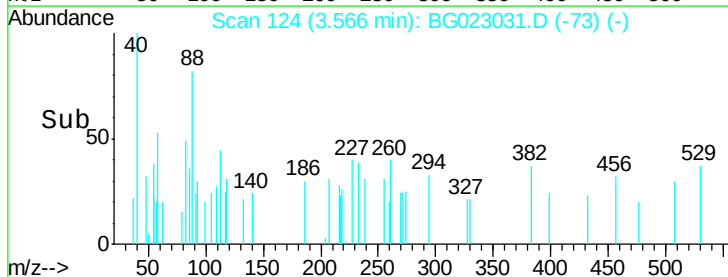
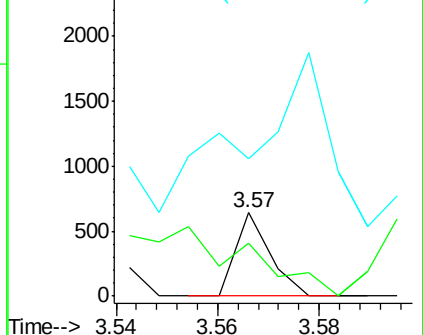
Ion	Ratio	Lower	Upper
88	100		
58	0.0	60.4	90.6#
43	545.5	31.1	46.7#

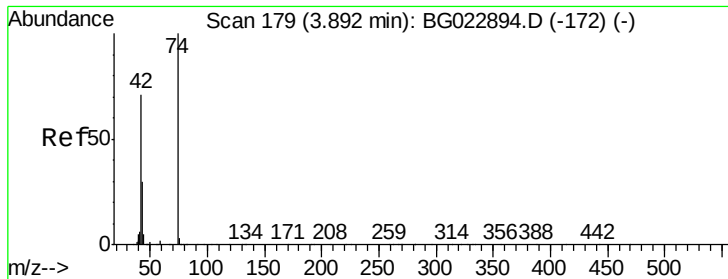


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 15.20 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.00 min

Lab File: BG023031.D

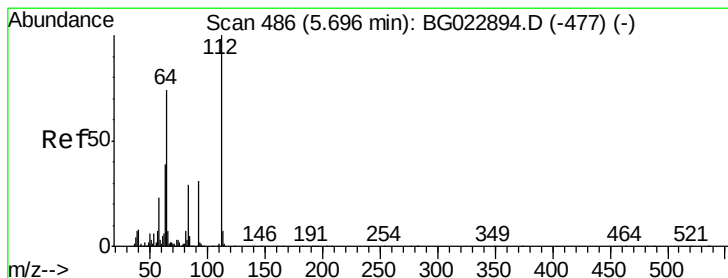
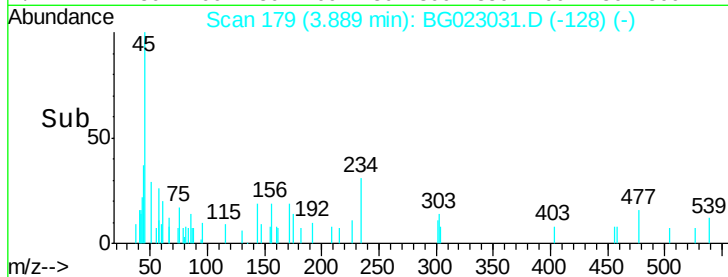
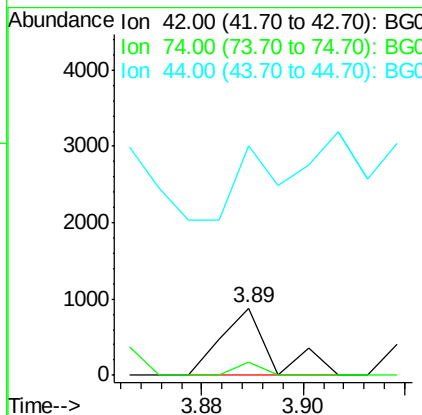
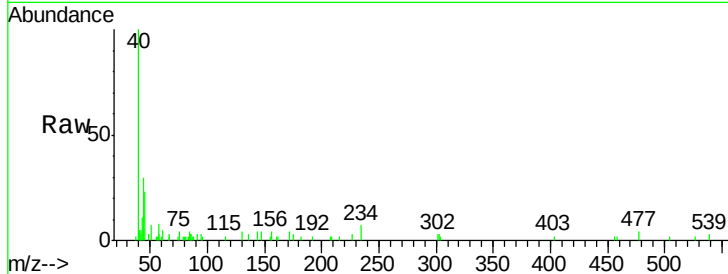
Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	42	Resp:	610
Ion	Ratio	Lower	Upper
42	100		
74	19.9	100.6	150.8#
44	339.2	4.5	6.7#



#5

2-Fluorophenol

Concen: 13109.49 ng

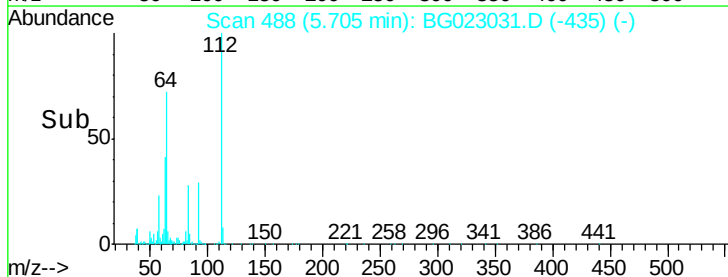
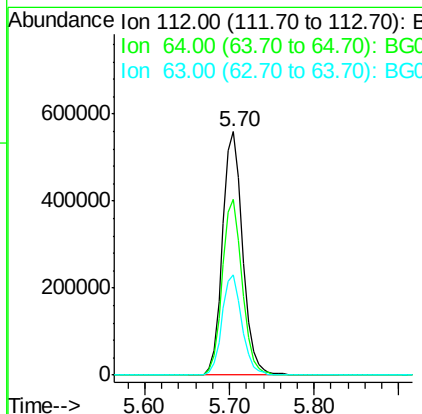
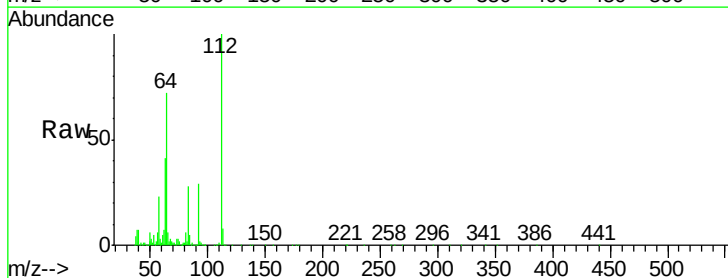
RT: 5.70 min Scan# 488

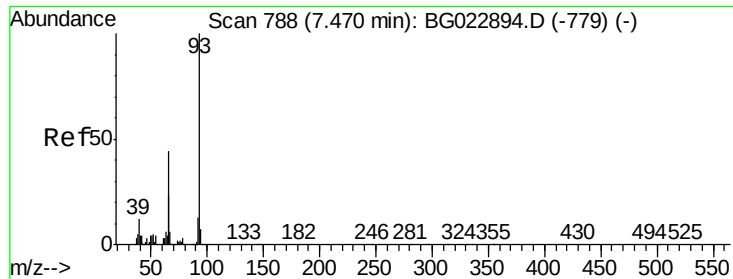
Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion:	112	Resp:	921788
Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	41.2	37.8	56.8





#6

Aniline

Concen: 2.02 ng

RT: 7.48 min Scan# 791

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

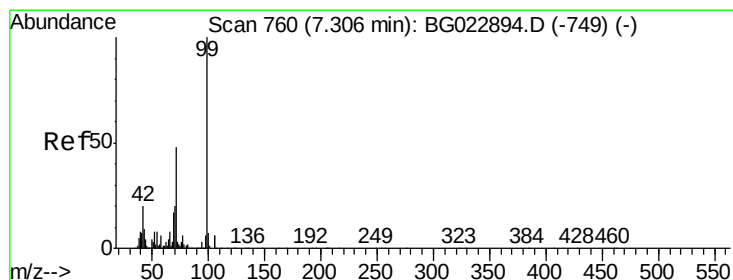
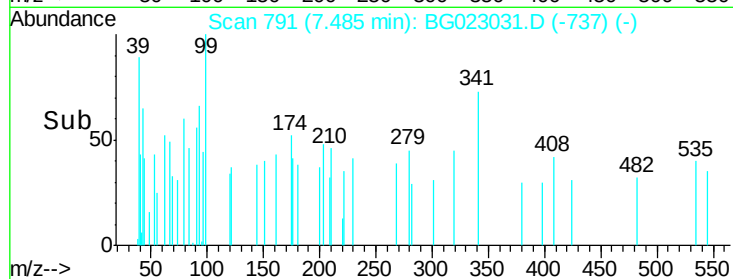
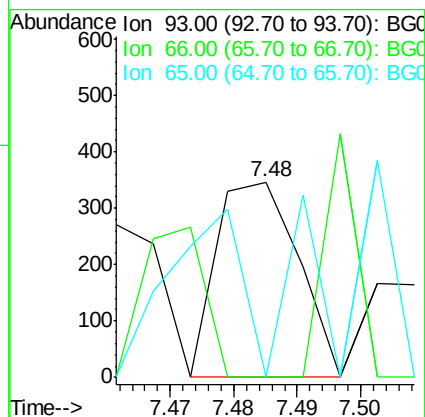
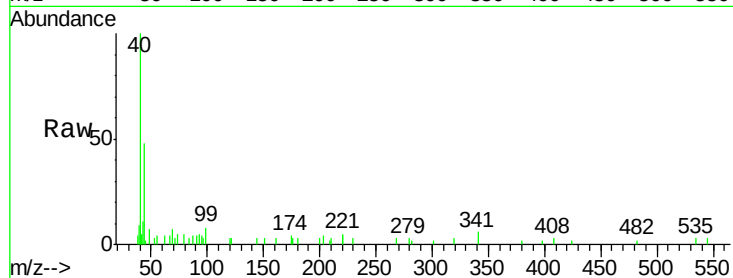
Tot Ion: 93 Resp: 308

Ion Ratio Lower Upper

93 100

66 0.0 37.5 56.3#

65 0.0 17.9 26.9#



#7

Phenol-d6

Concen: 13526.53 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

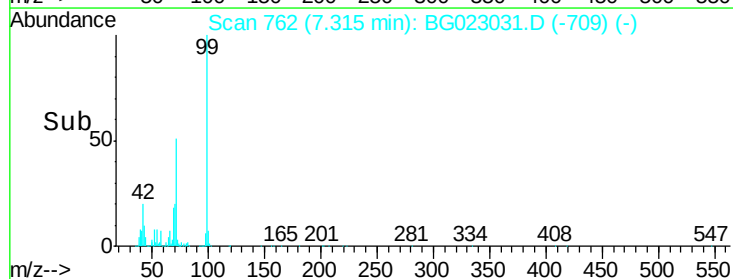
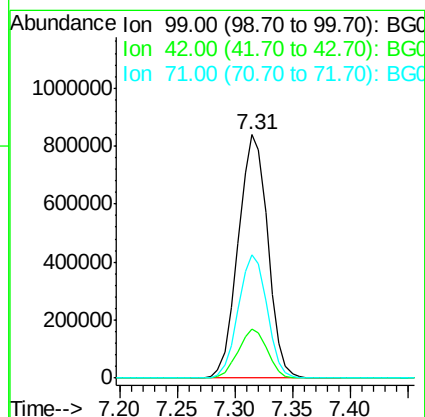
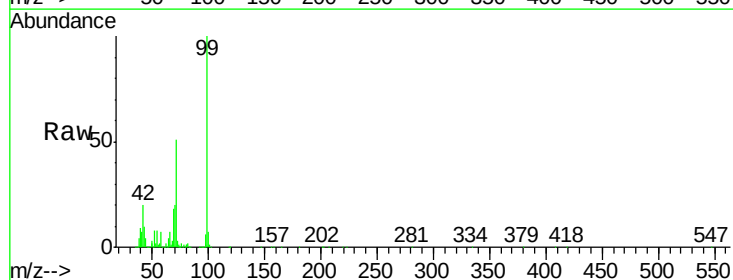
Tgt Ion: 99 Resp: 1489668

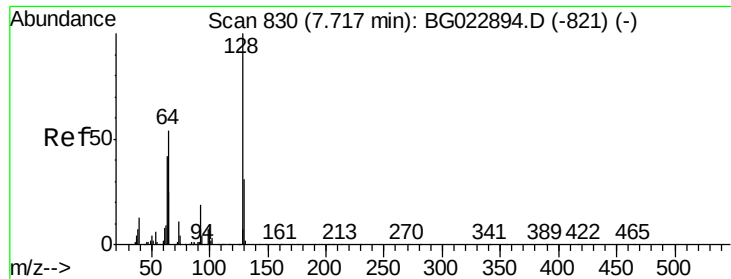
Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

71 50.6 41.5 62.3





#8

2-Chlorophenol

Concen: 3.82 ng

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

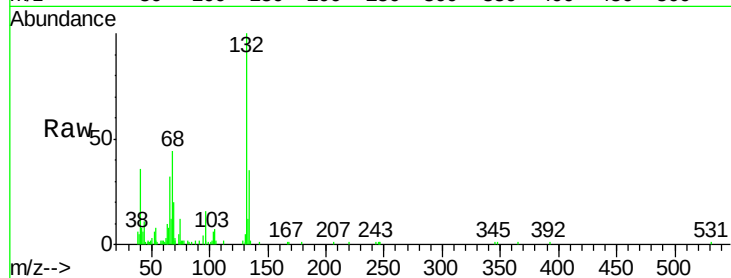
Tot Ion:128 Resp: 286

Ion Ratio Lower Upper

128 100

130 70.6 12.9 52.9#

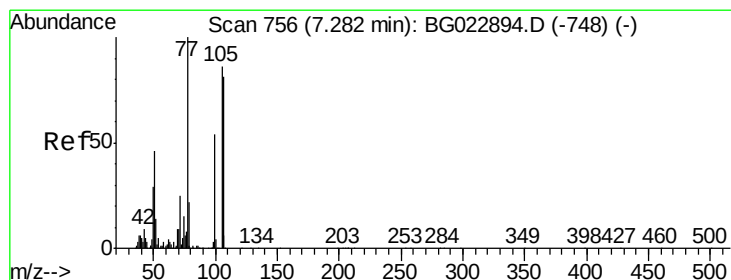
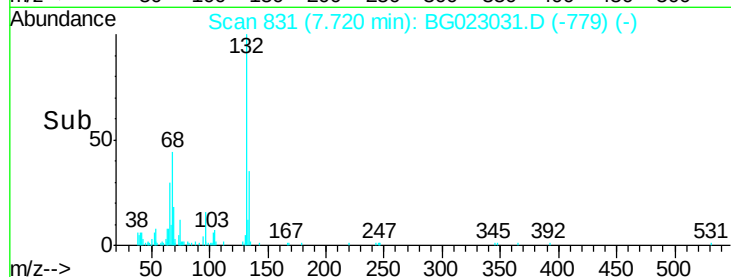
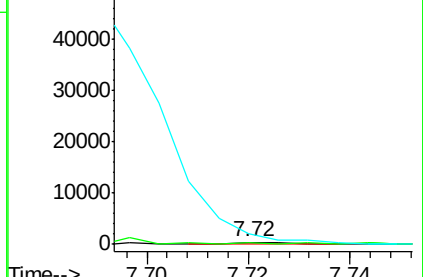
64 545.2 42.0 82.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 5.07 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

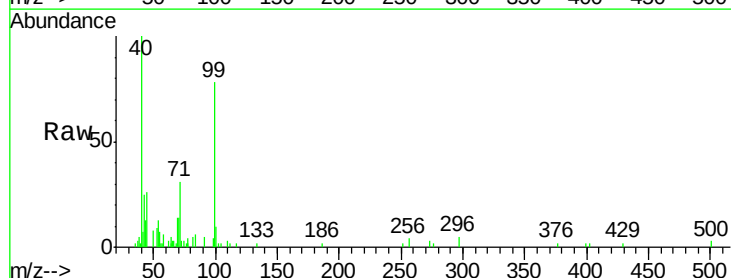
Tgt Ion: 77 Resp: 373

Ion Ratio Lower Upper

77 100

105 28.6 58.7 98.7#

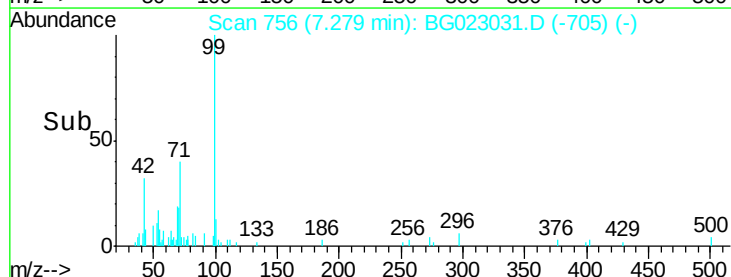
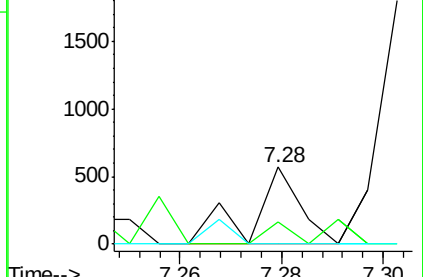
106 0.0 67.5 107.5#

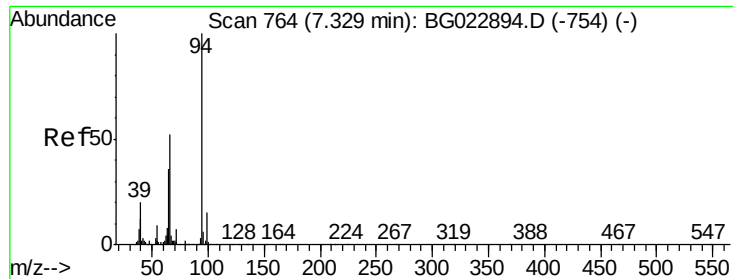


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 89.45 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

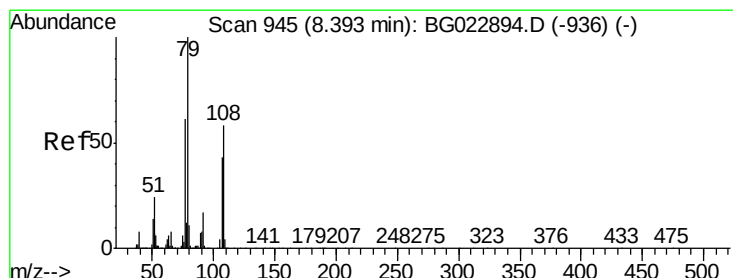
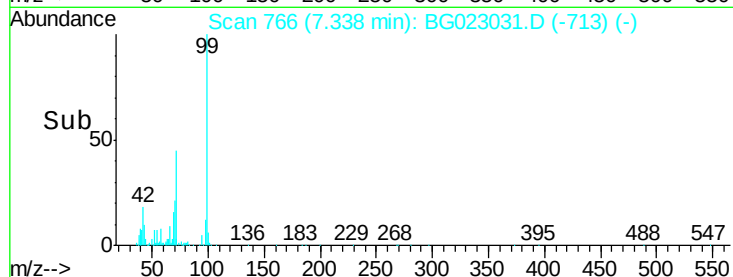
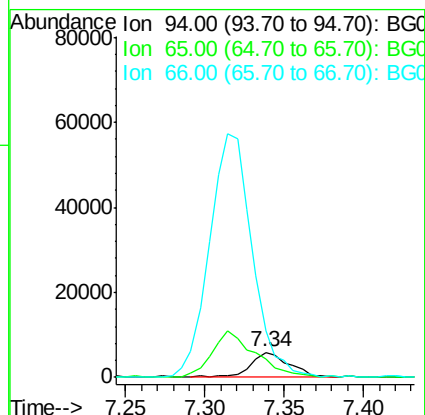
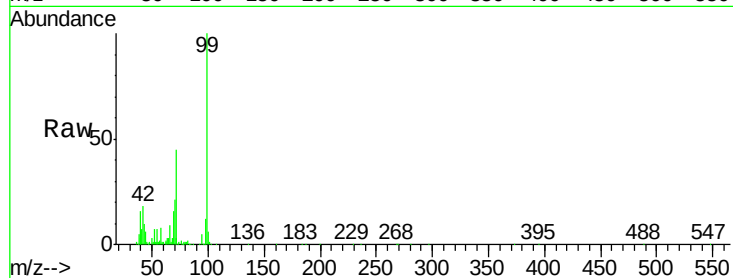
Tot Ion: 94 Resp: 10136

Ion Ratio Lower Upper

94 100

65 71.9 18.1 58.1#

66 190.2 42.1 82.1#



#15

Benzyl Alcohol

Concen: 13.78 ng

RT: 8.40 min Scan# 947

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

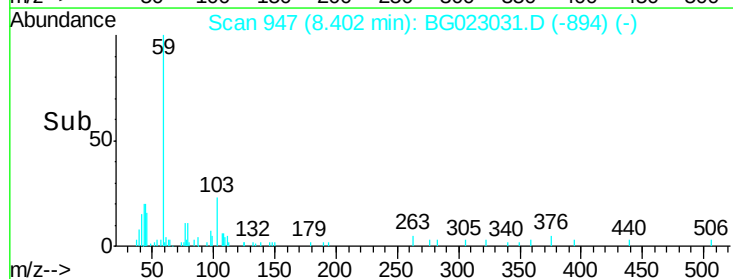
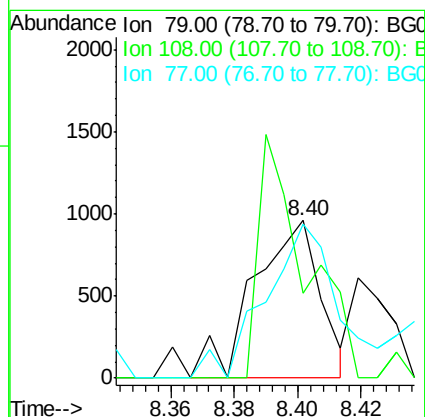
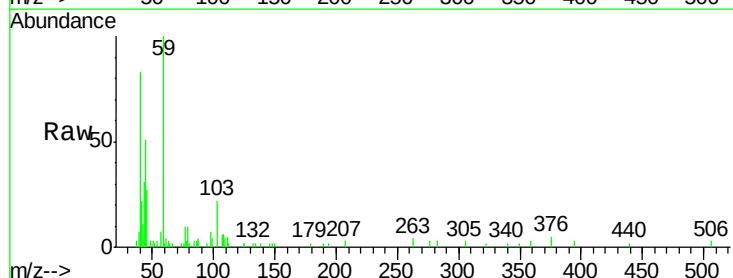
Tgt Ion: 79 Resp: 1390

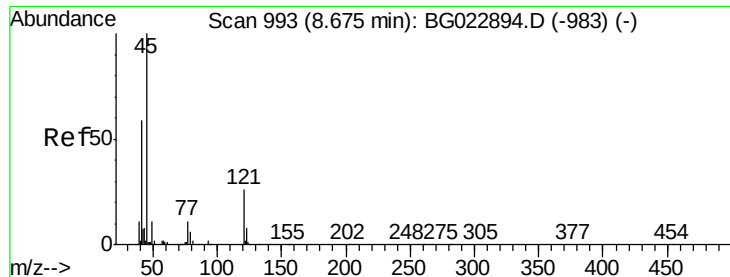
Ion Ratio Lower Upper

79 100

108 53.9 46.5 69.7

77 97.8 52.3 78.5#

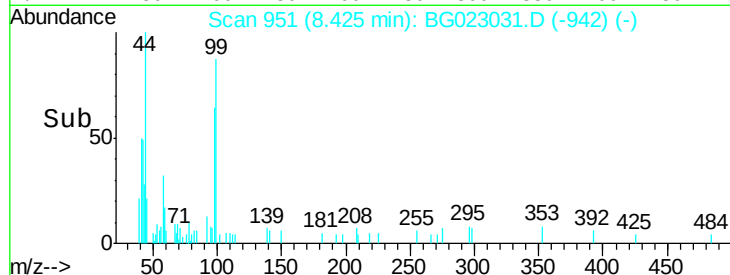
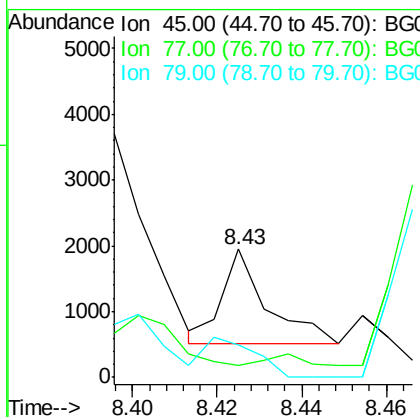
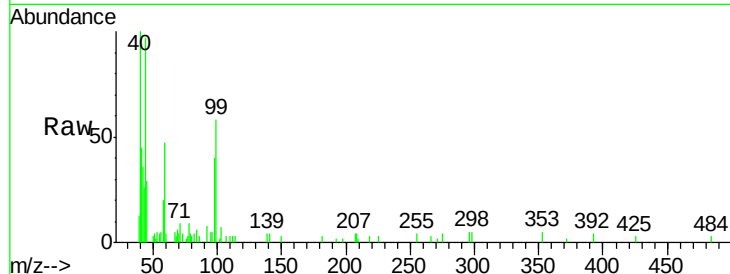




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 9.64 ng
 RT: 8.43 min Scan# 951
 Delta R.T. -0.25 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

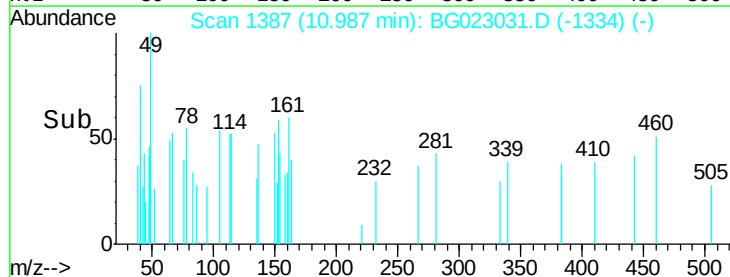
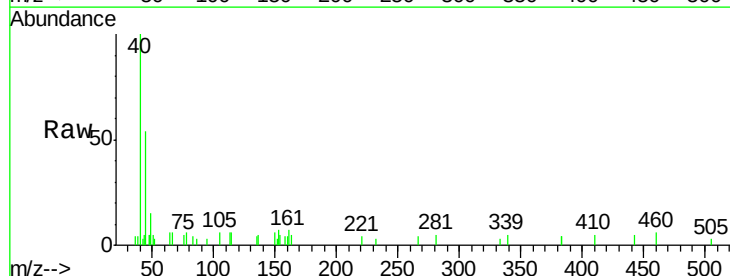
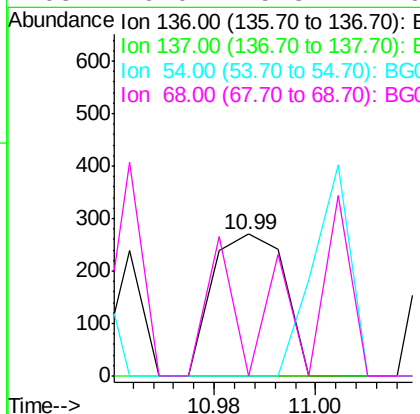
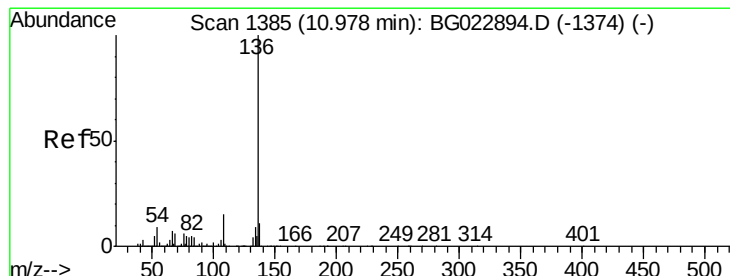
Instrument :
 BNA_G
 ClientSampleId :

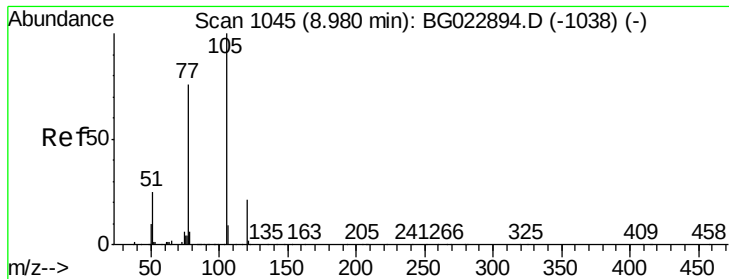
Tot Ion: 45 Resp: 1058
 Ion Ratio Lower Upper
 45 100
 77 9.4 0.6 40.6
 79 24.9 0.0 36.2



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion: 136 Resp: 264
 Ion Ratio Lower Upper
 136 100
 137 0.0 9.6 14.4#
 54 0.0 7.3 10.9#
 68 0.0 5.3 7.9#





#22

Acetophenone

Concen: 19.44 ng

RT: 9.03 min Scan# 1054

Delta R.T. 0.05 min

Lab File: BG023031.D

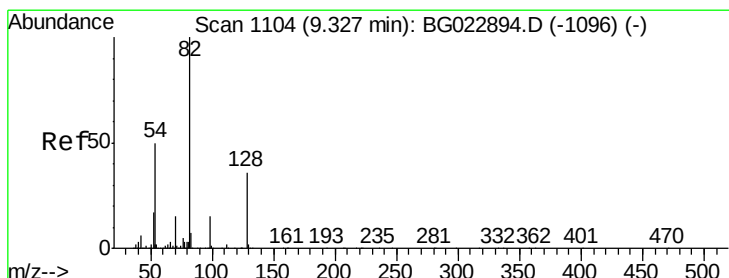
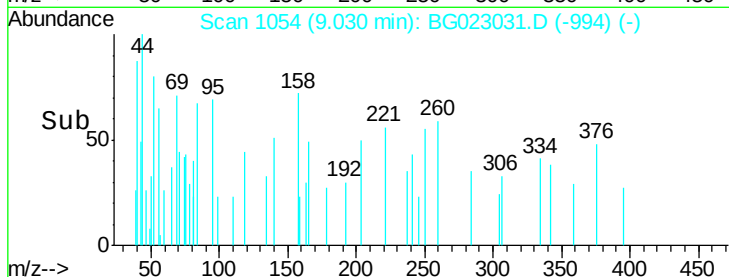
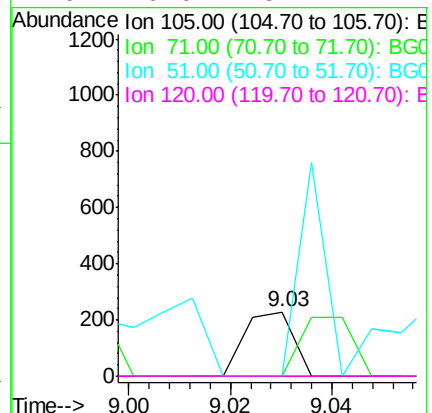
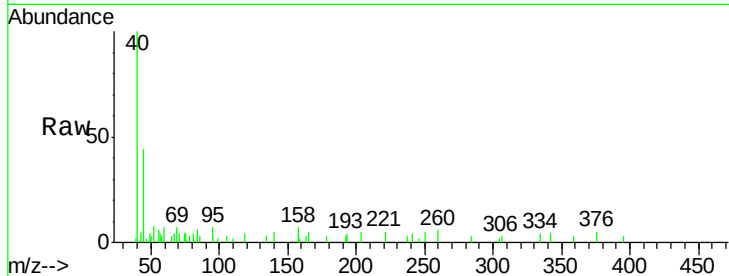
Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

Tot Ion:	105	Resp:	154
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	0.0	27.1	40.7#
120	0.0	15.1	22.7#



#23

Nitrobenzene-d5

Concen: 176189.11 ng

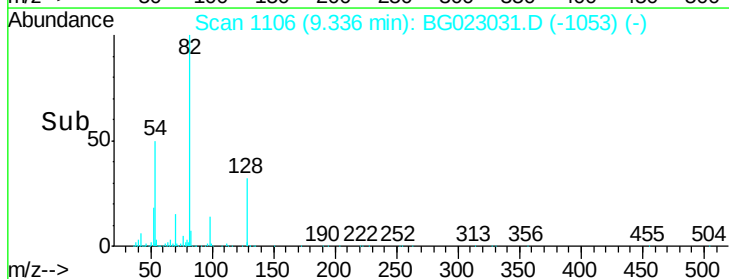
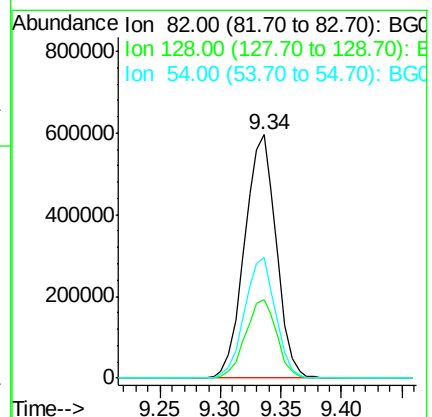
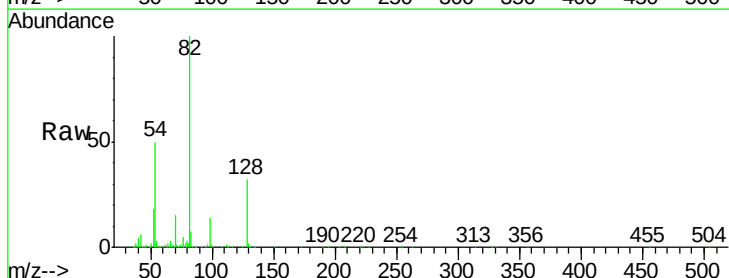
RT: 9.34 min Scan# 1106

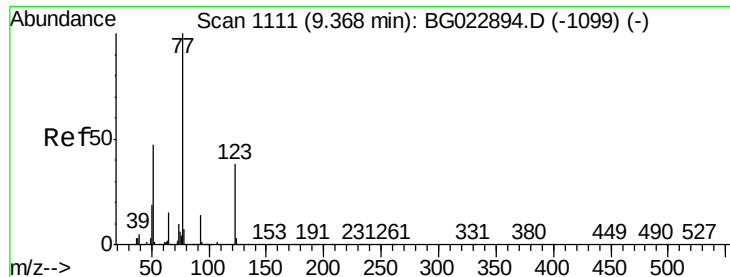
Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion:	82	Resp:	1086284
Ion	Ratio	Lower	Upper
82	100		
128	32.1	24.4	36.6
54	49.7	41.4	62.0

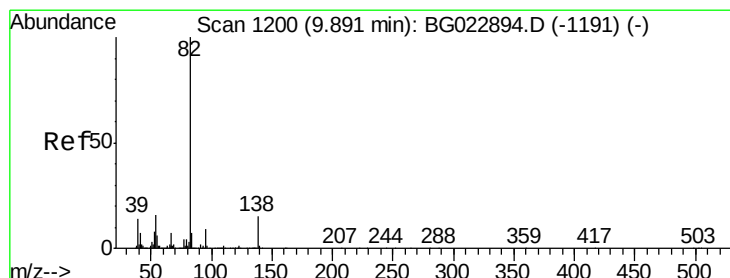
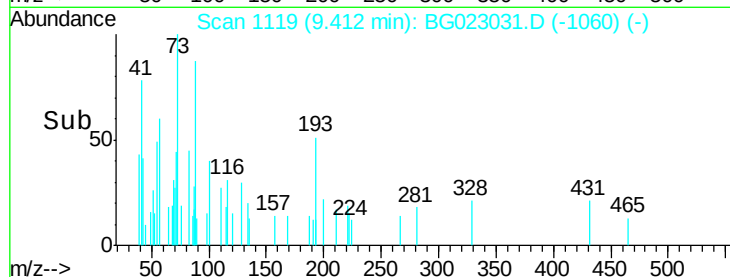
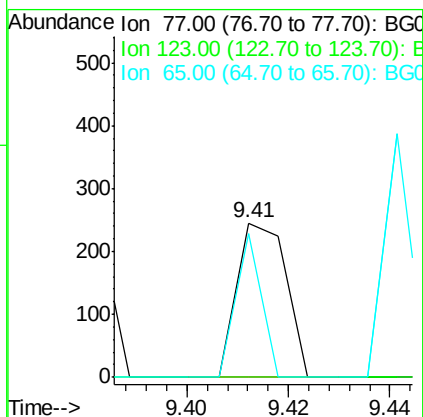
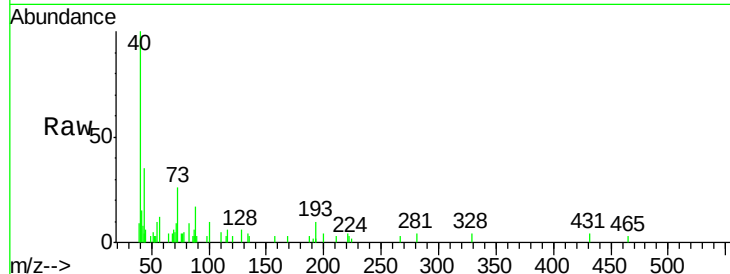




#24
 Nitrobenzene
 Concen: 25.19 ng
 RT: 9.41 min Scan# 1119
 Delta R.T. 0.04 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

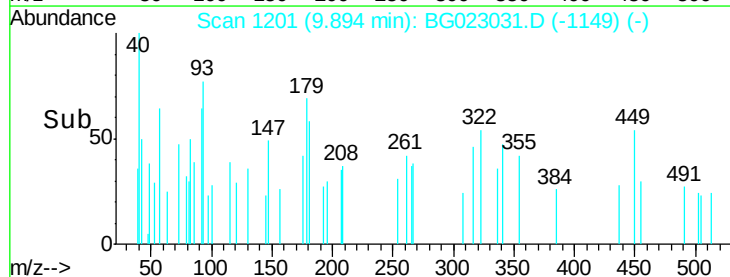
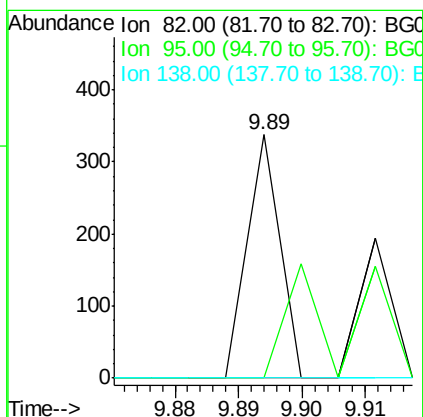
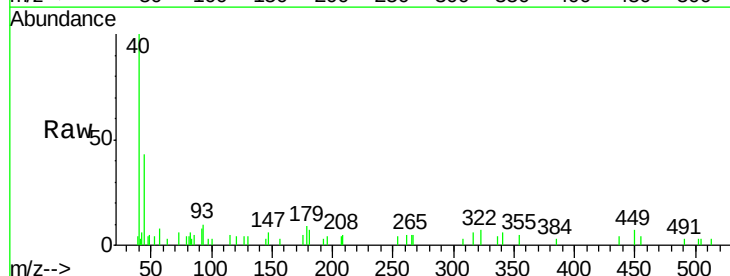
Instrument :
 BNA_G
 ClientSampleId :

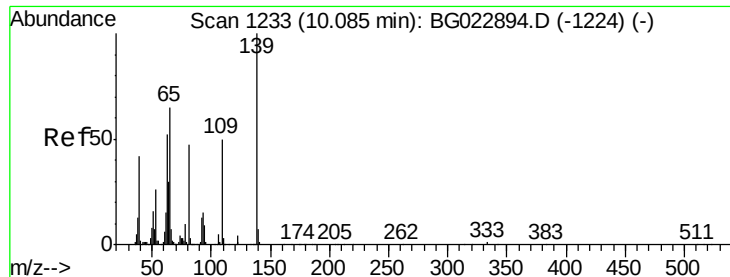
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.0	37.6#
65	93.1	13.4	20.0#



#25
 Isophorone
 Concen: 9.60 ng
 RT: 9.89 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	8.2	12.2#
138	0.0	10.7	16.1#





#26

2-Nitrophenol

Concen: 44.74 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG023031.D

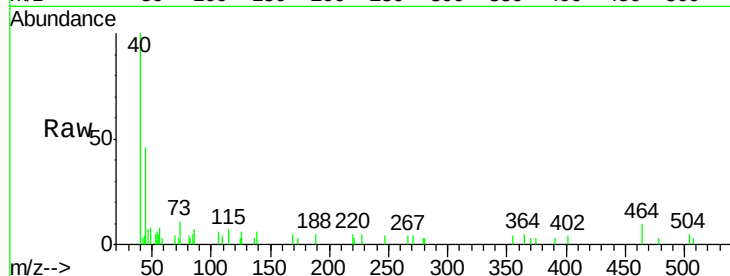
Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

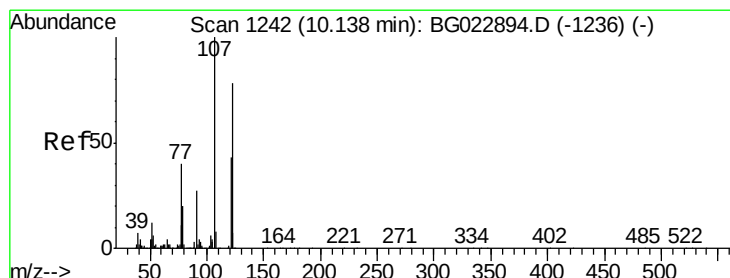
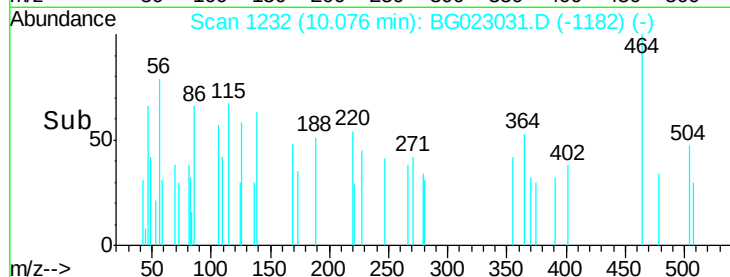
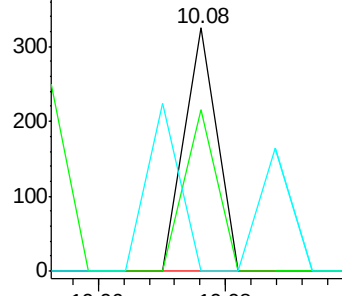
Tot Ion:	139	Resp:	115
Ion	Ratio	Lower	Upper
139	100		
109	66.2	43.5	65.3#
65	0.0	64.3	96.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#27

2,4-Dimethylphenol

Concen: 19.35 ng

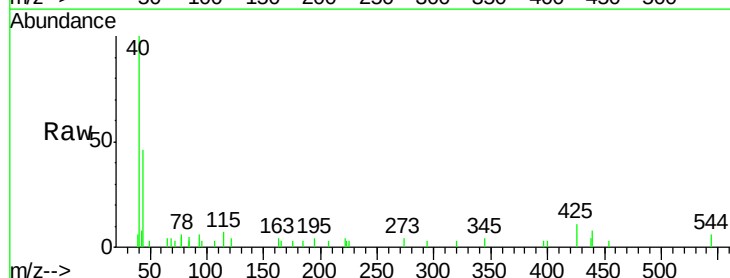
RT: 10.16 min Scan# 1247

Delta R.T. 0.03 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

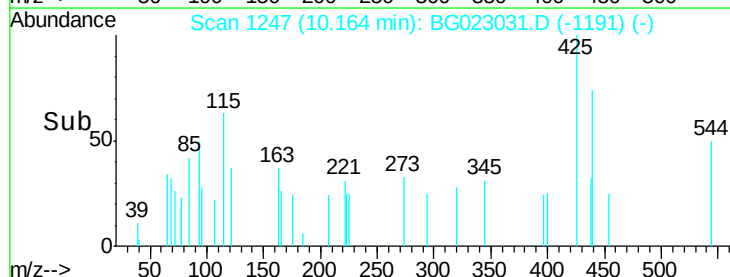
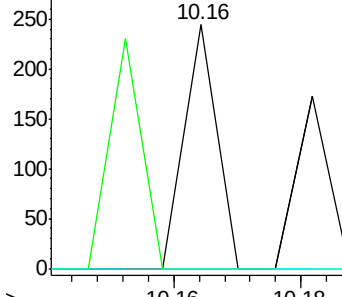
Tgt Ion:	122	Resp:	86
Ion	Ratio	Lower	Upper
122	100		
107	0.0	117.0	175.4#
121	100.0	50.1	75.1#

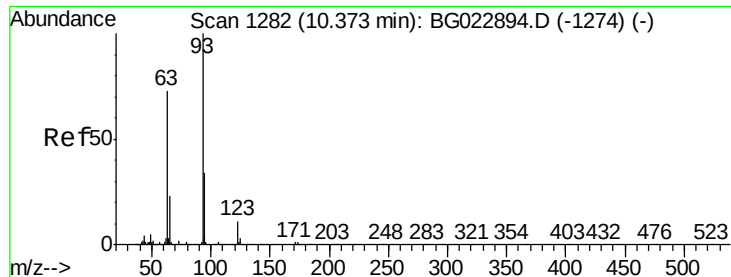


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 13.45 ng

RT: 10.38 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

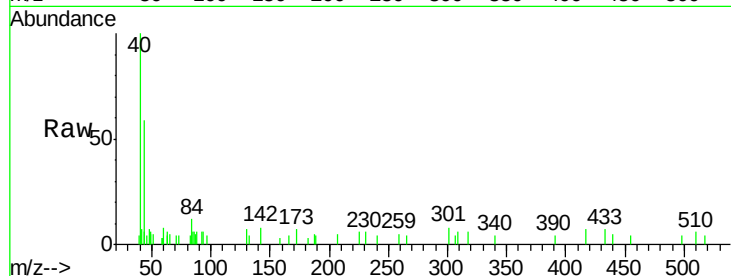
Tot Ion: 93 Resp: 93

Ion Ratio Lower Upper

93 100

95 0.0 25.4 38.2#

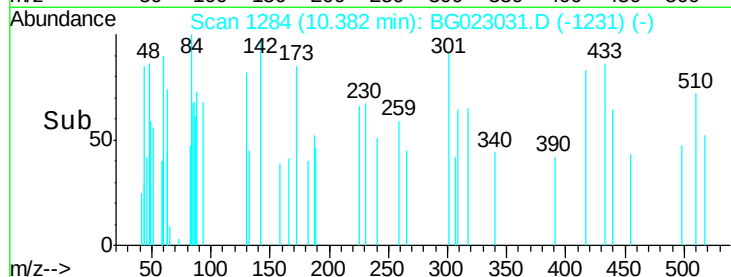
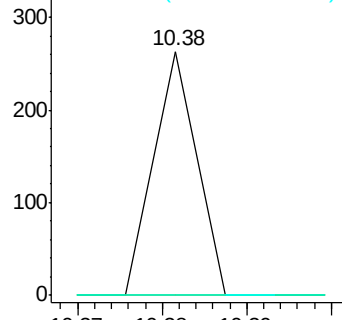
123 0.0 8.2 12.2#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC



#29

2,4-Dichlorophenol

Concen: 45.36 ng

RT: 10.81 min Scan# 1357

Delta R.T. 0.19 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

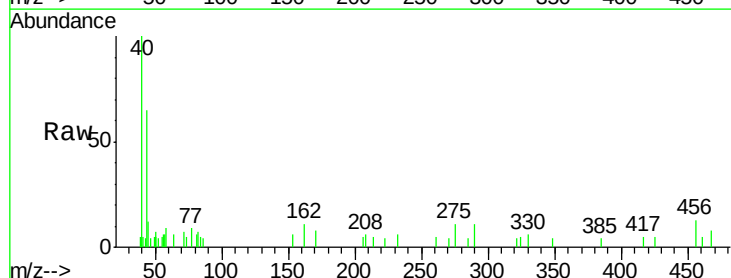
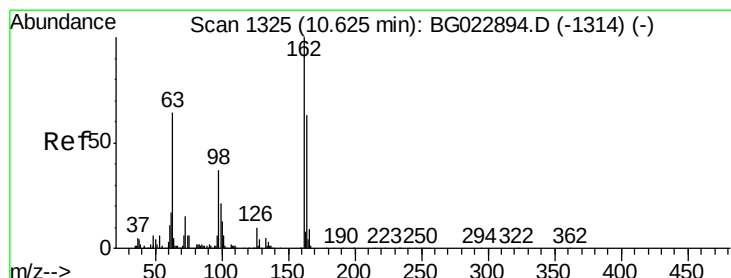
Tgt Ion: 162 Resp: 215

Ion Ratio Lower Upper

162 100

164 0.0 44.3 84.3#

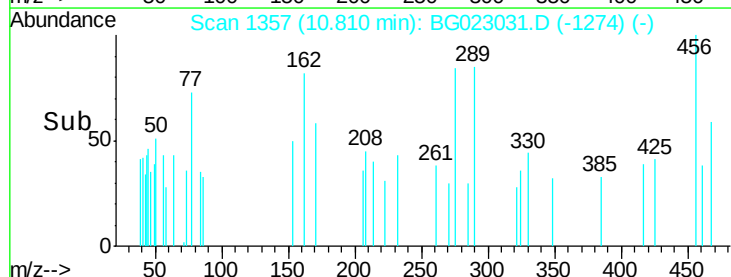
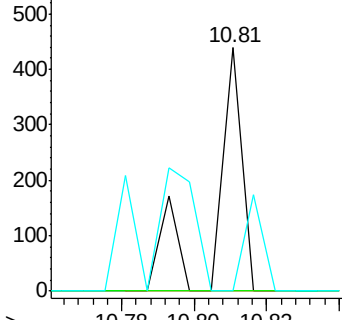
98 0.0 19.5 59.5#

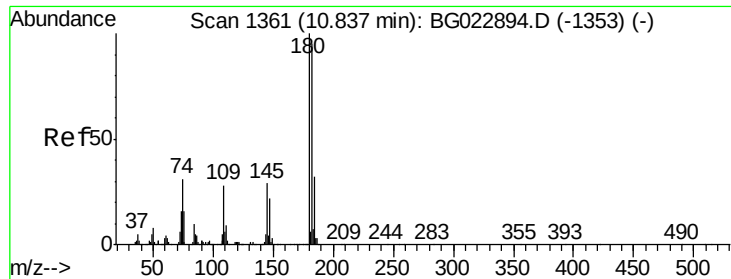


Abundance Ion 162.00 (161.70 to 162.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

Ion 98.00 (97.70 to 98.70): BGC

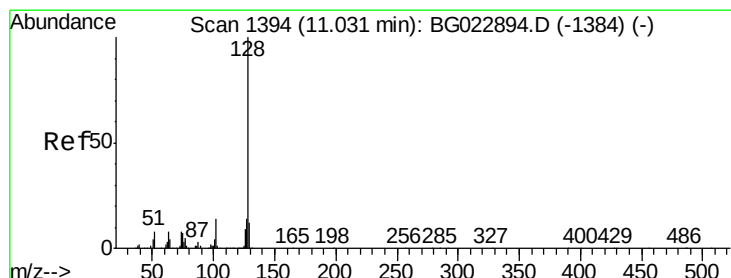
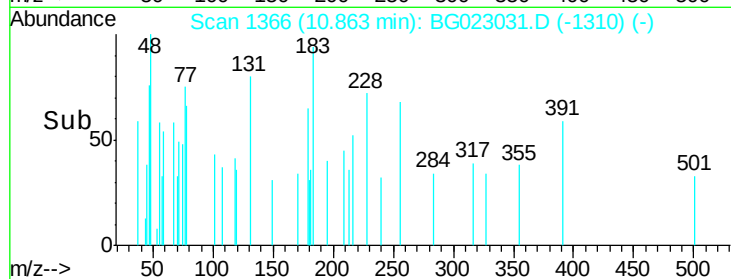
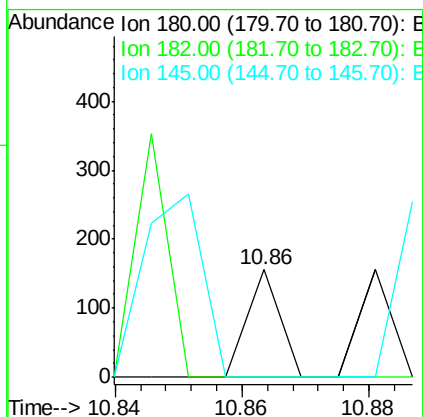
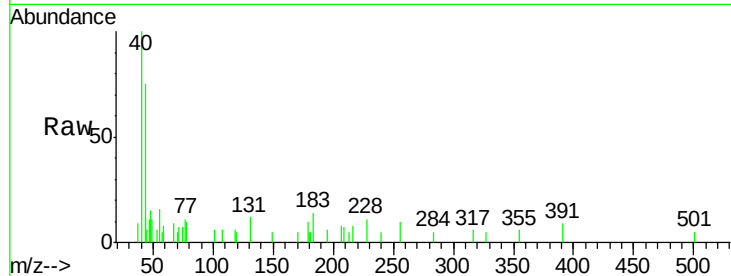




#30
 1,2,4-Trichlorobenzene
 Concen: 10.13 ng
 RT: 10.86 min Scan# 1366
 Delta R.T. 0.03 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

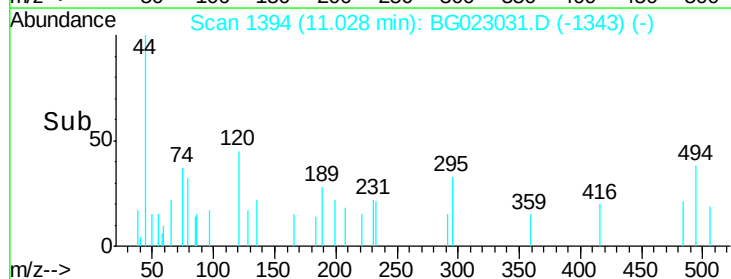
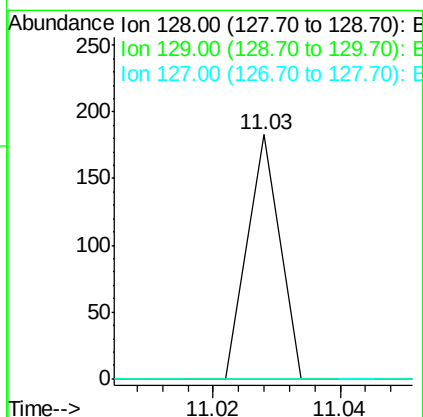
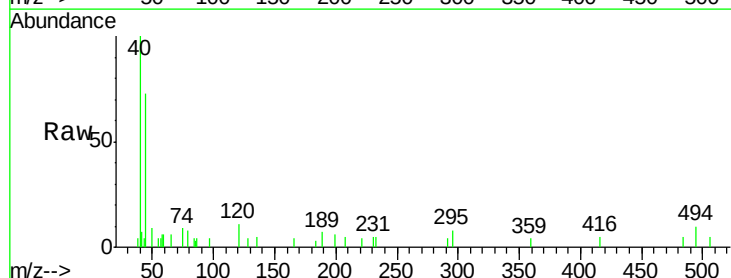
Instrument :
 BNA_G
 ClientSampleId :

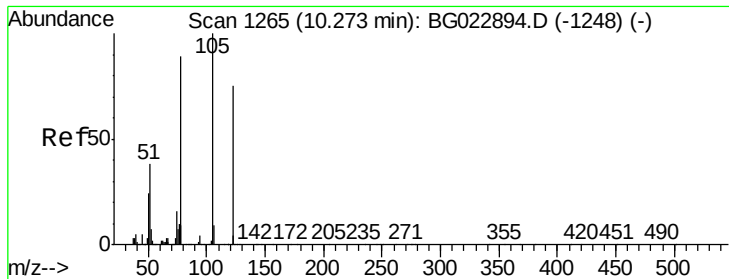
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	73.8	110.8#
145	0.0	24.4	36.6#



#31
 Naphthalene
 Concen: 4.84 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.4	14.0#
127	0.0	11.3	16.9#

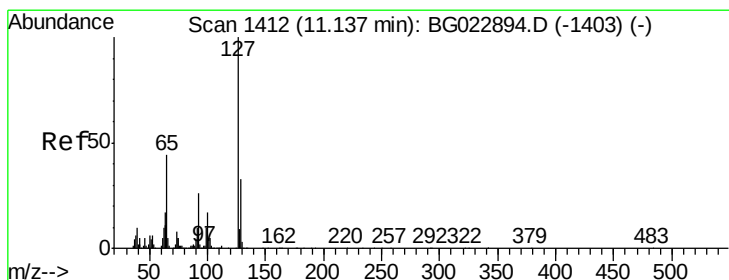
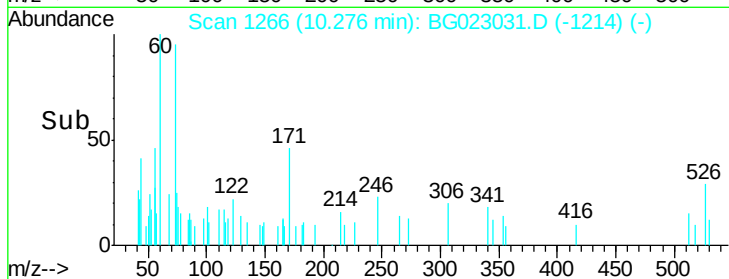
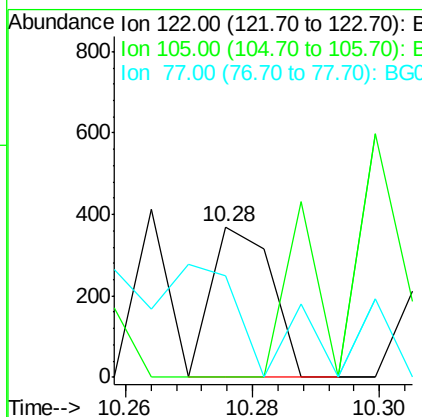
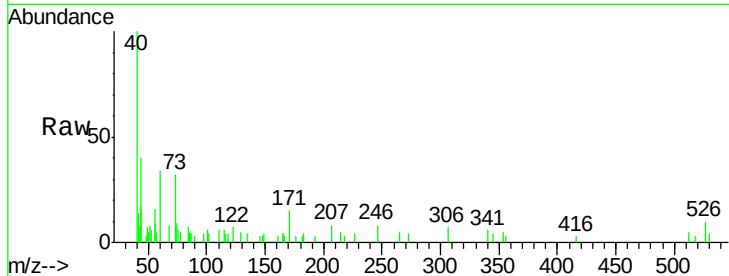




#32
Benzoic acid
Concen: 59.61 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

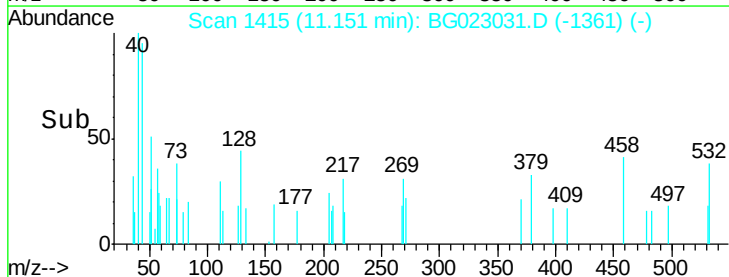
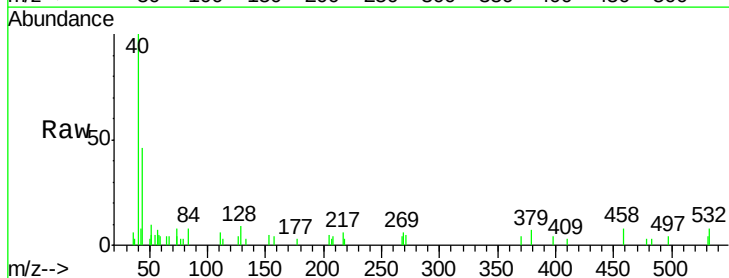
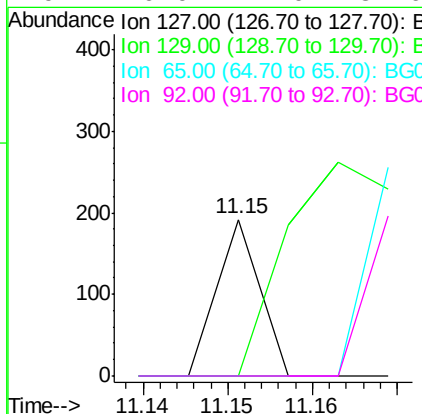
Instrument :
BNA_G
ClientSampleId :

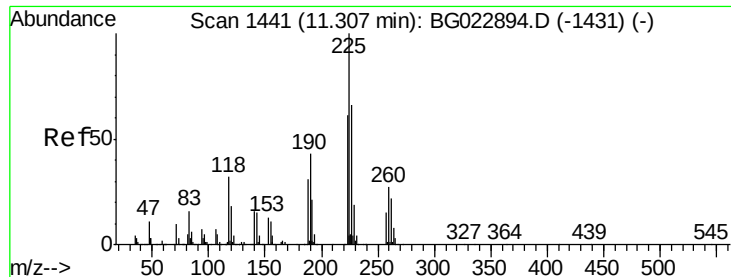
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	67.6	109.2	149.2#



#33
4-Chloroaniline
Concen: 10.35 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.9	41.9#
65	0.0	36.8	55.2#
92	0.0	21.0	31.6#





#34

Hexachlorobutadiene

Concen: 13.40 ng

RT: 11.32 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BG023031.D

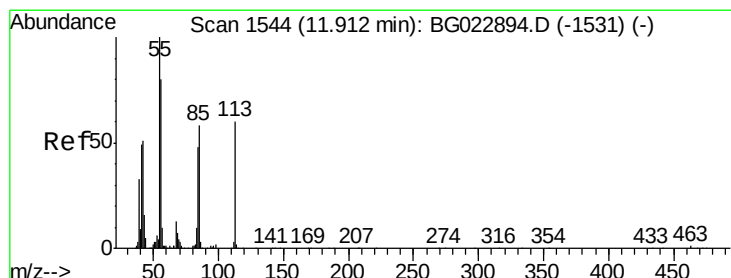
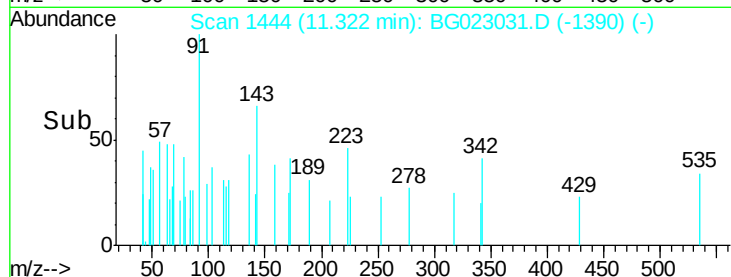
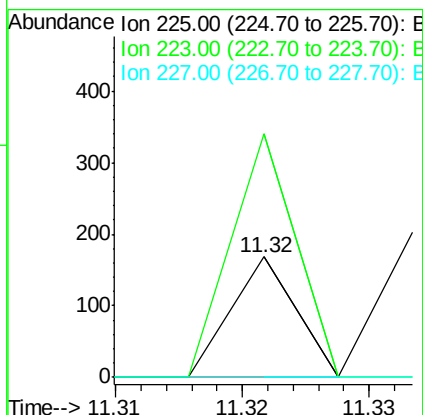
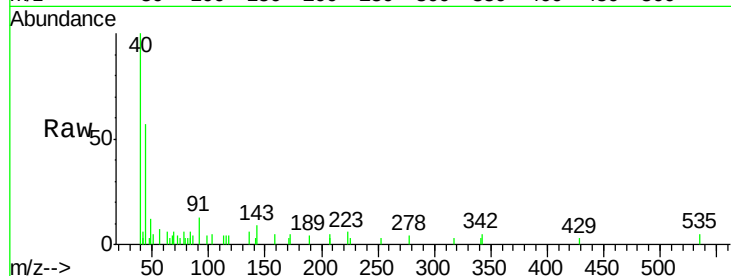
Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	225	Resp:	59
Ion	Ratio	Lower	Upper
225	100		
223	202.4	49.6	74.4#
227	0.0	54.5	81.7#



#35

Caprolactam

Concen: 64.62 ng

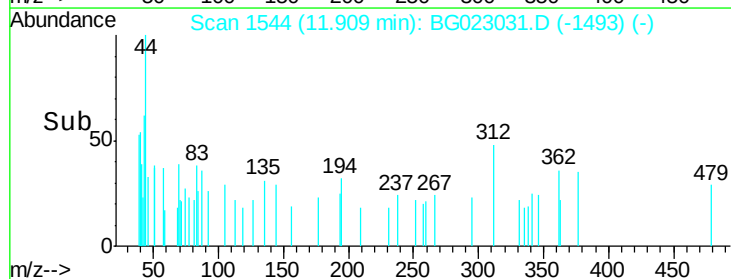
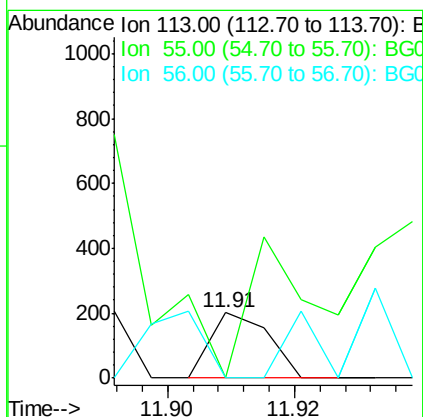
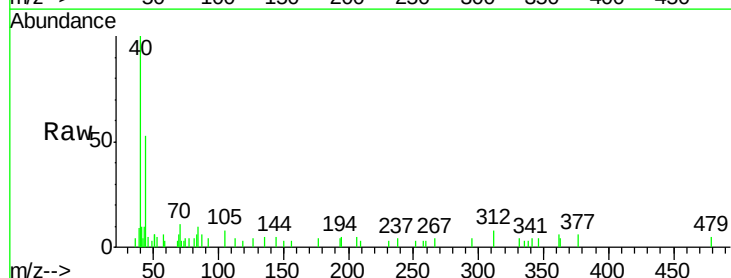
RT: 11.91 min Scan# 1544

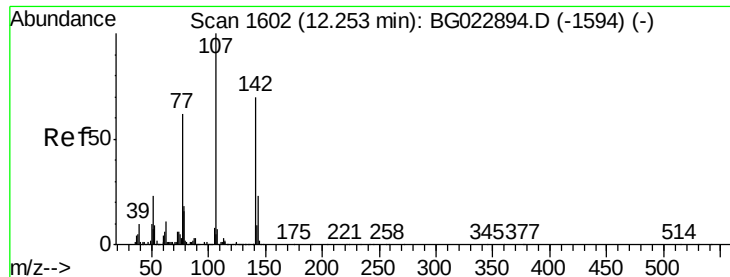
Delta R.T. -0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion:	113	Resp:	126
Ion	Ratio	Lower	Upper
113	100		
55	0.0	154.5	194.5#
56	0.0	125.1	165.1#

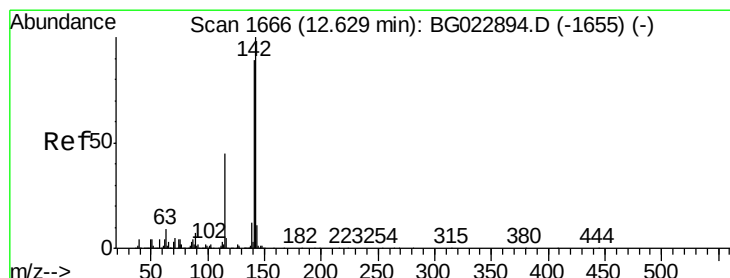
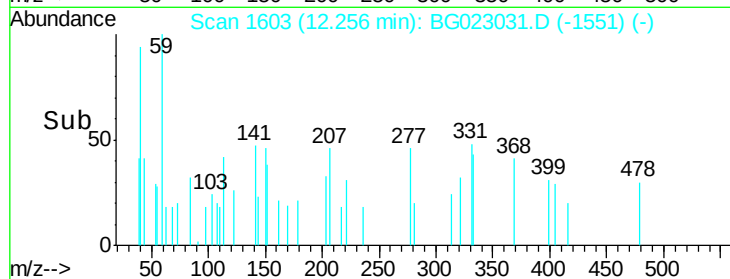
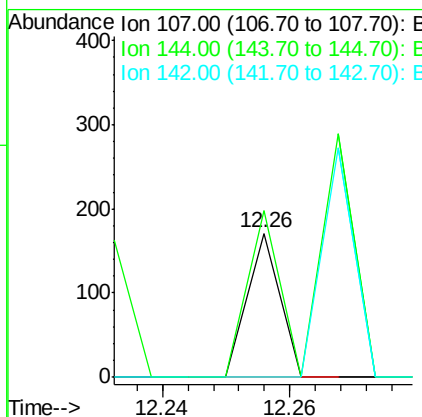
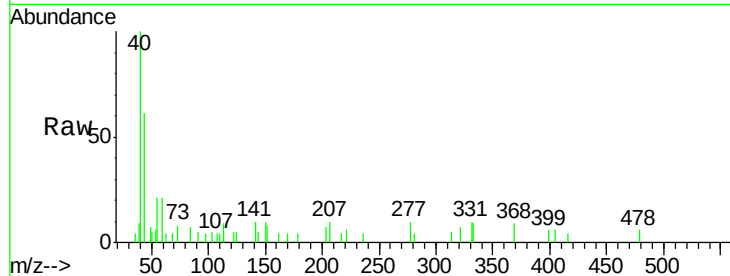




#36
 4-Chloro-3-methylphenol
 Concen: 9.26 ng
 RT: 12.26 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

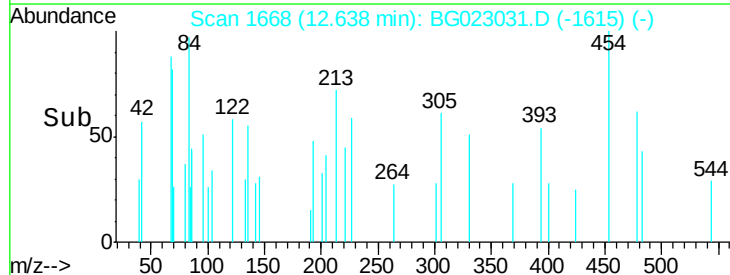
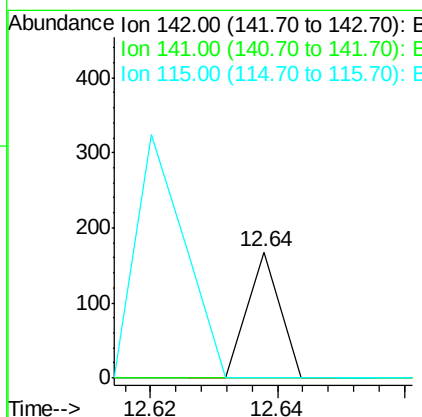
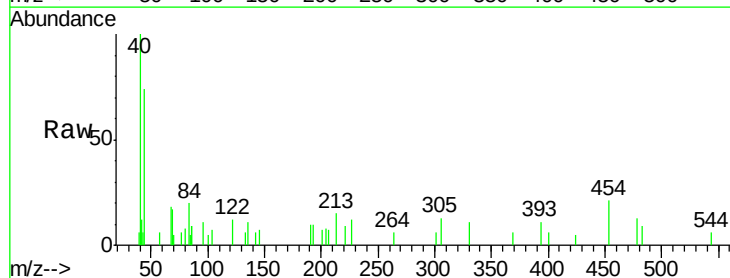
Instrument :
 BNA_G
 ClientSampleId :

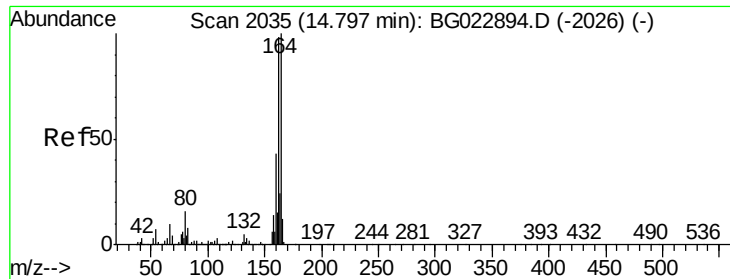
Tot Ion:107 Resp: 60
 Ion Ratio Lower Upper
 107 100
 144 115.8 17.0 25.6#
 142 0.0 53.0 79.6#



#37
 2-Methylnaphthalene
 Concen: 5.55 ng
 RT: 12.64 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion:142 Resp: 59
 Ion Ratio Lower Upper
 142 100
 141 0.0 70.2 105.2#
 115 0.0 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: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

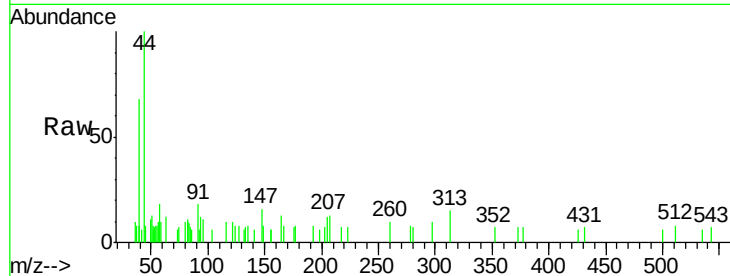
Tot Ion:164 Resp: 344

Ion Ratio Lower Upper

164 100

162 0.0 87.7 131.5#

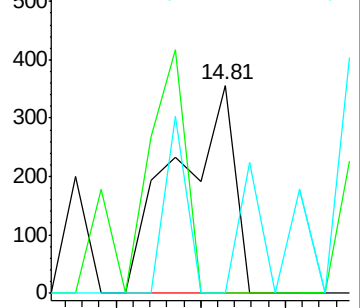
160 0.0 37.2 55.8#



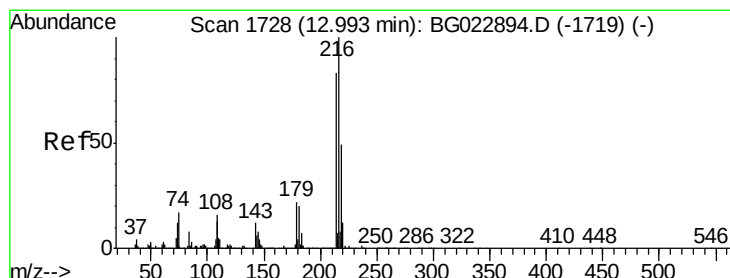
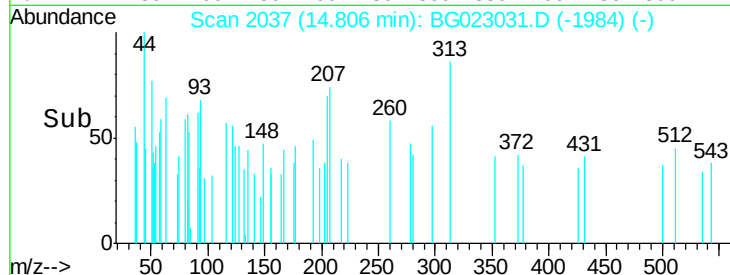
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.38 ng

RT: 13.03 min Scan# 1734

Delta R.T. 0.03 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion:216 Resp: 65

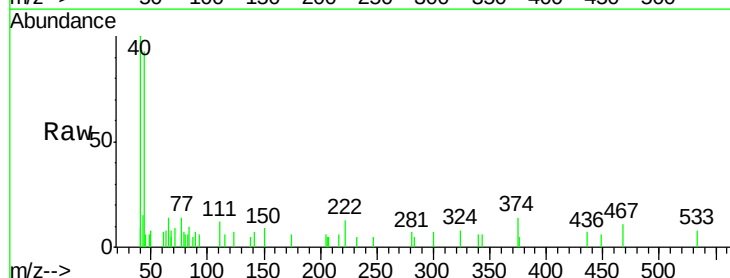
Ion Ratio Lower Upper

216 100

214 101.5 62.9 94.3#

179 0.0 17.2 25.8#

108 0.0 16.3 24.5#

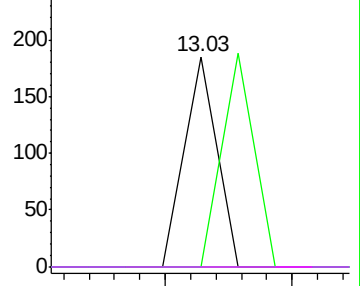


Abundance Ion 216.00 (215.70 to 216.70): E

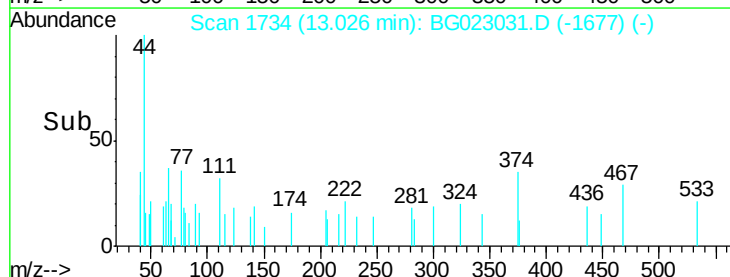
Ion 214.00 (213.70 to 214.70): E

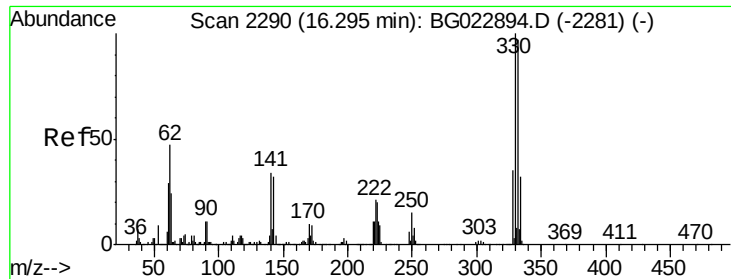
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->

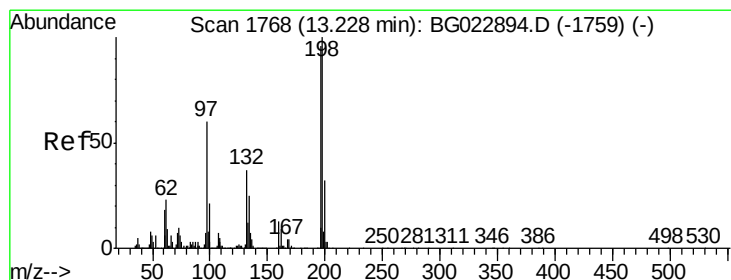
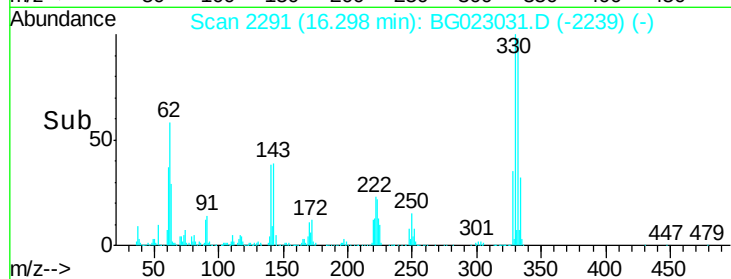
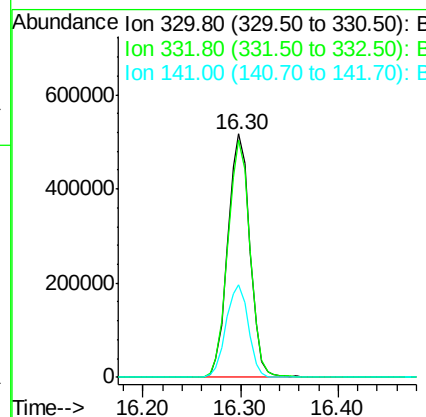
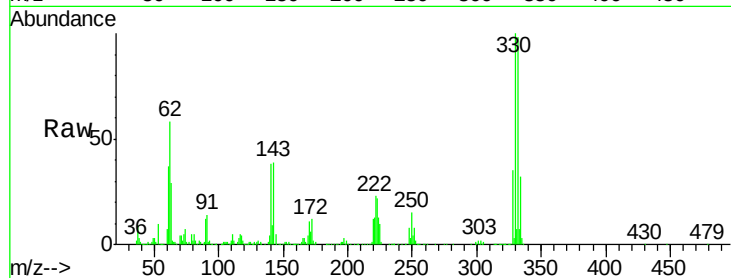




#41
 2,4,6-Tribromophenol
 Concen: 131374.82 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

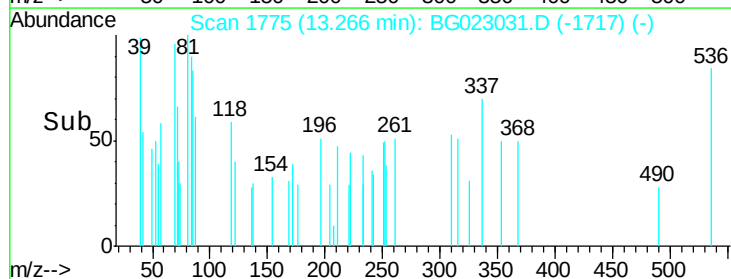
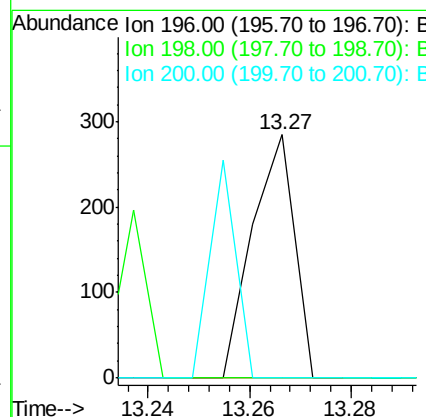
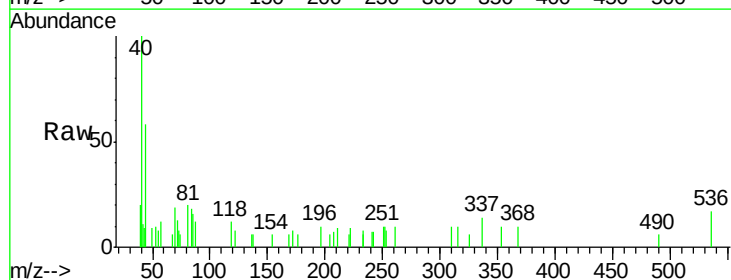
Instrument :
 BNA_G
 ClientSampleId :

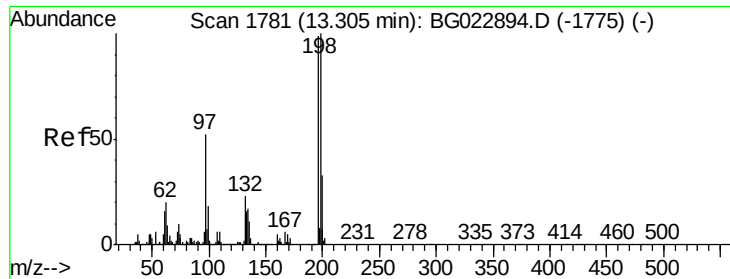
Tot Ion:330 Resp: 812226
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 38.4 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 19.25 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.04 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion:196 Resp: 164
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 27.0 40.4#

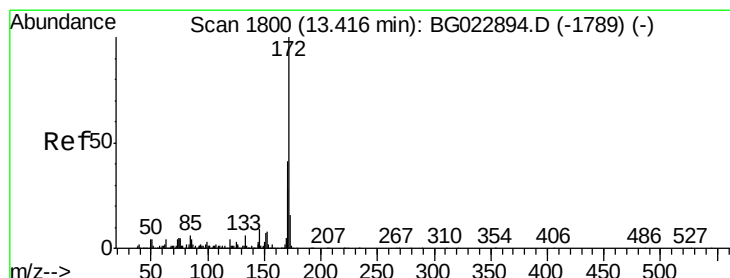
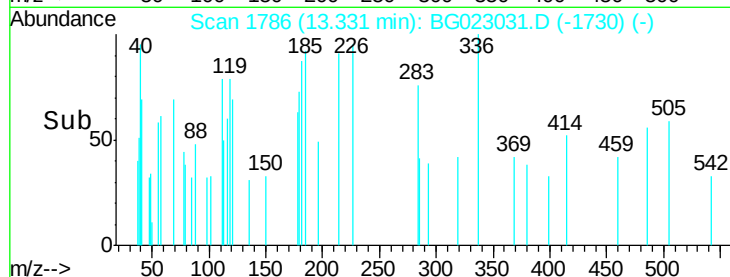
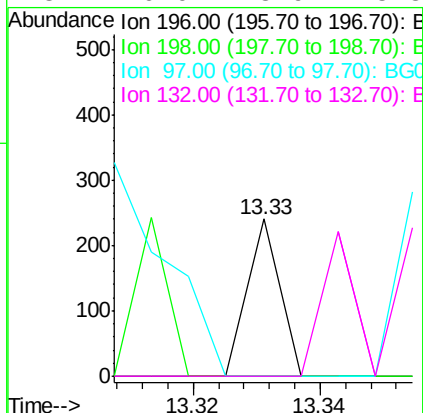
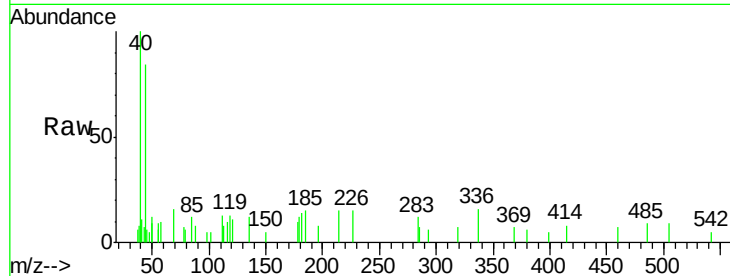




#43
 2,4,5-Trichlorophenol
 Concen: 9.71 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. 0.03 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

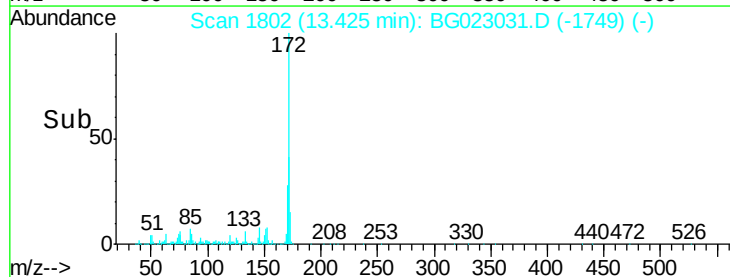
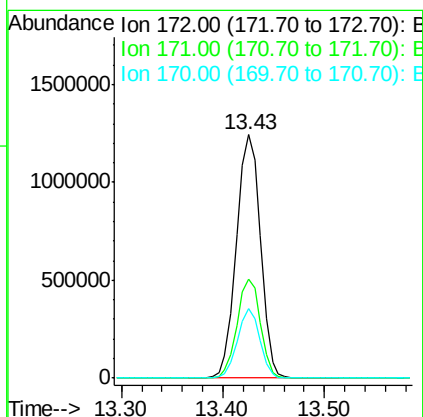
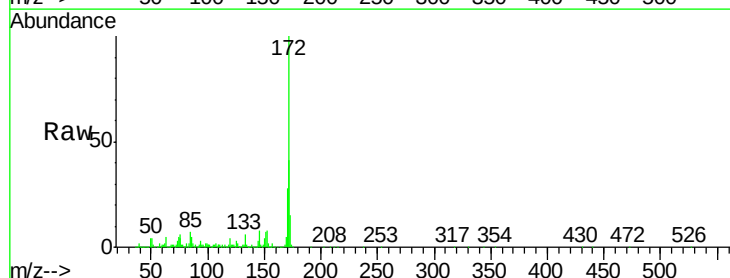
Instrument :
 BNA_G
 ClientSampled :

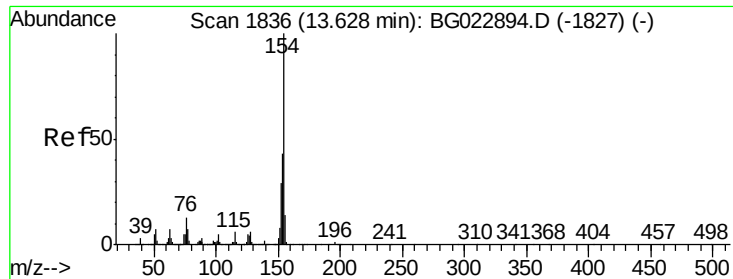
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	85.7	128.5#
97	0.0	45.5	68.3#
132	0.0	18.9	28.3#



#44
 2-Fluorobiphenyl
 Concen: 93841.91 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	28.5	21.3	31.9

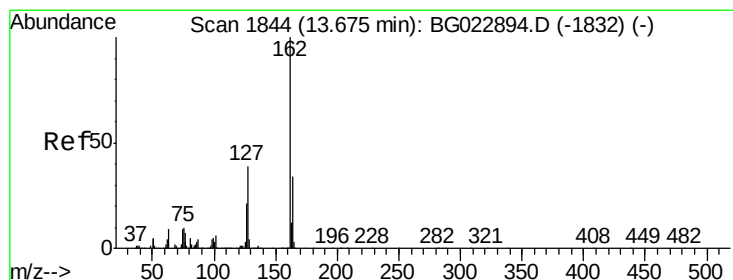
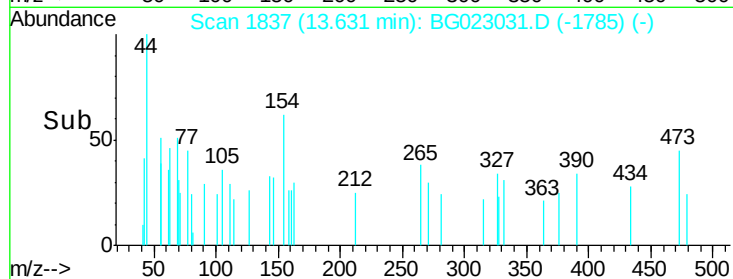
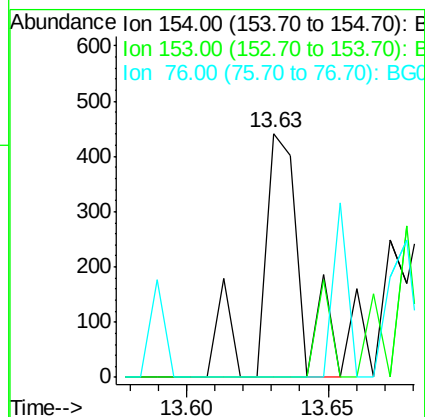
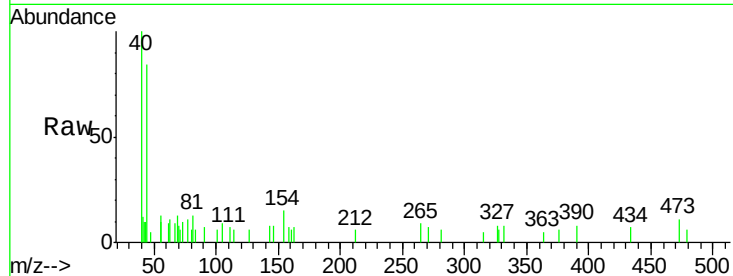




#45
 1,1'-Biphenyl
 Concen: 16.50 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

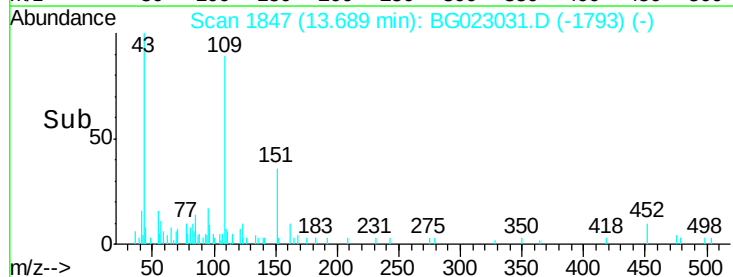
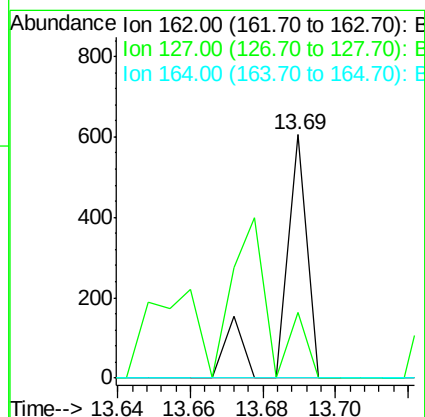
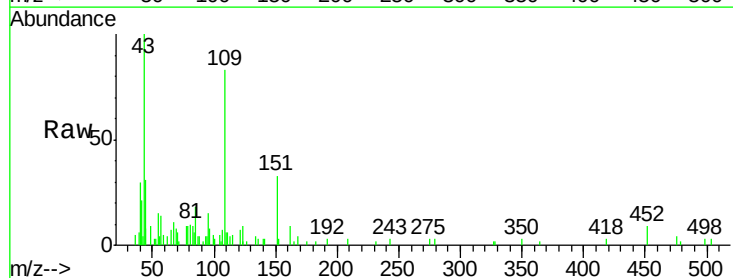
Instrument :
 BNA_G
 ClientSampled :

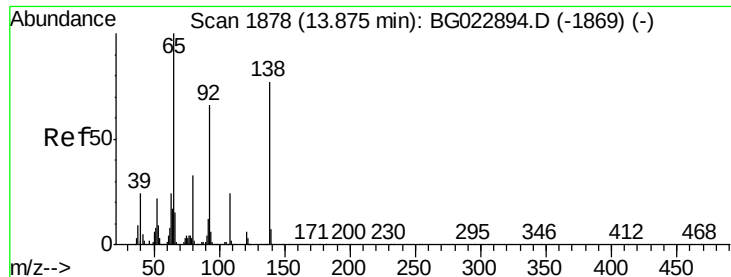
Tot Ion:154 Resp: 426
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.2 60.2#
 76 0.0 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 12.80 ng
 RT: 13.69 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion:162 Resp: 268
 Ion Ratio Lower Upper
 162 100
 127 27.2 32.4 48.6#
 164 0.0 25.2 37.8#





#47

2-Nitroaniline

Concen: 36.94 ng

RT: 13.91 min Scan# 1884

Delta R.T. 0.03 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

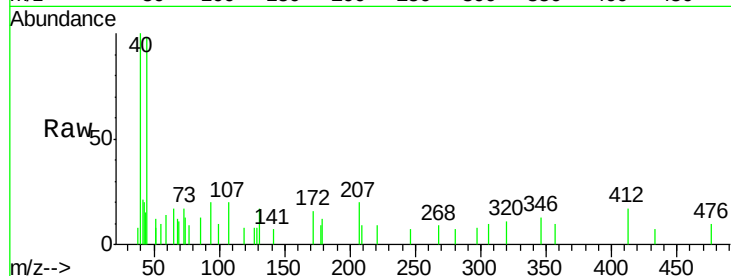
Tot Ion: 65 Resp: 330

Ion Ratio Lower Upper

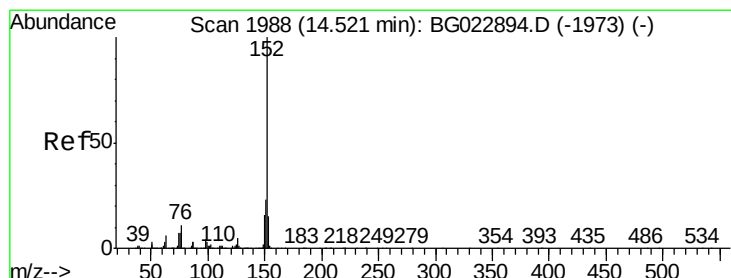
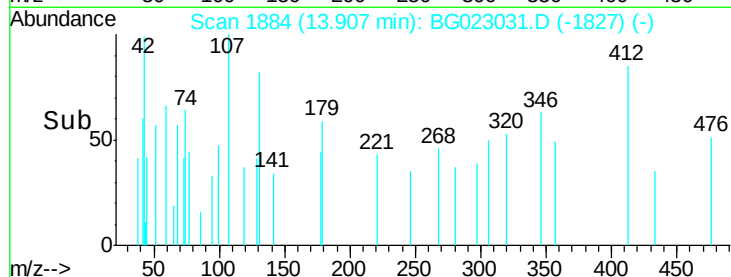
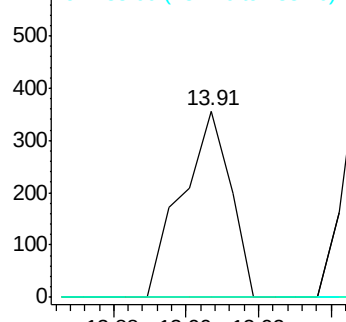
65 100

92 0.0 49.4 74.0#

138 0.0 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: 2.64 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

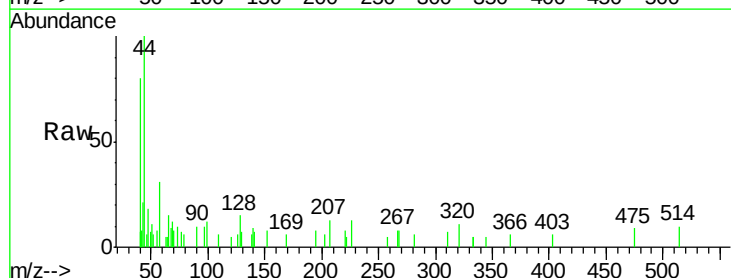
Tgt Ion: 152 Resp: 83

Ion Ratio Lower Upper

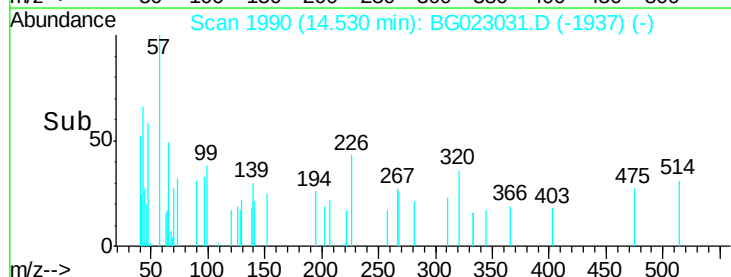
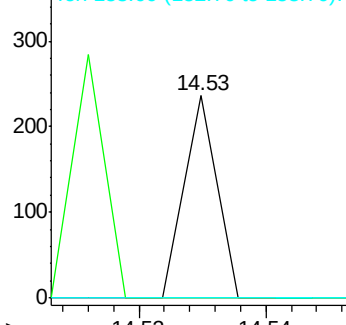
152 100

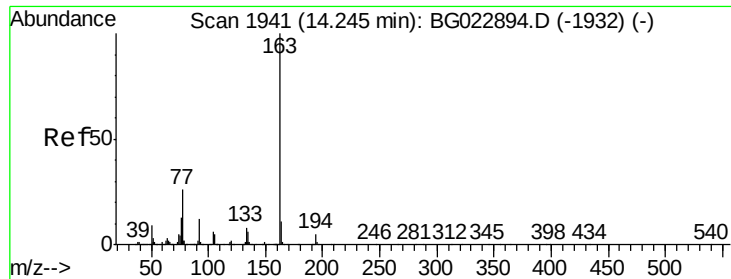
151 0.0 17.6 26.4#

153 0.0 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: 27678.63 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

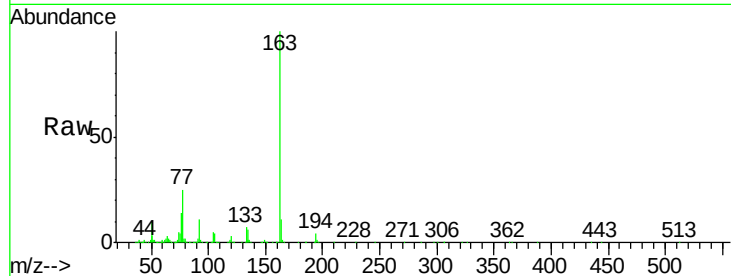
Tot Ion:163 Resp: 777772

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

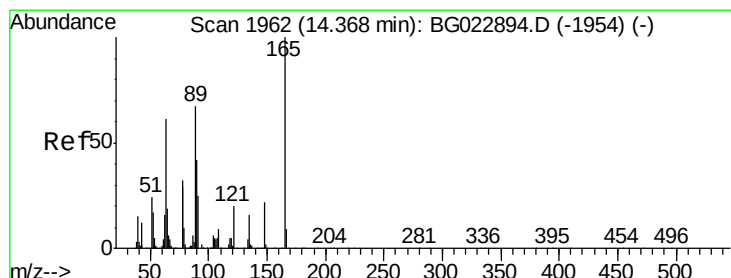
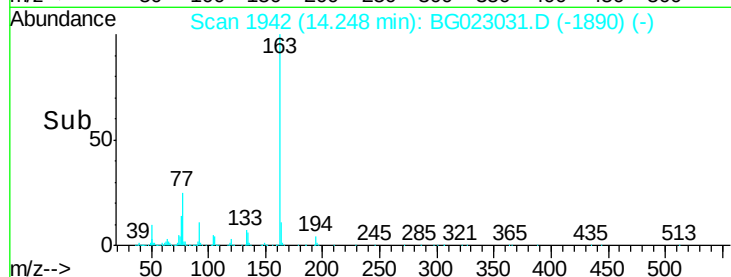
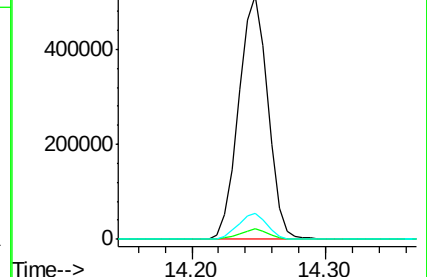
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 204.59 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.05 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

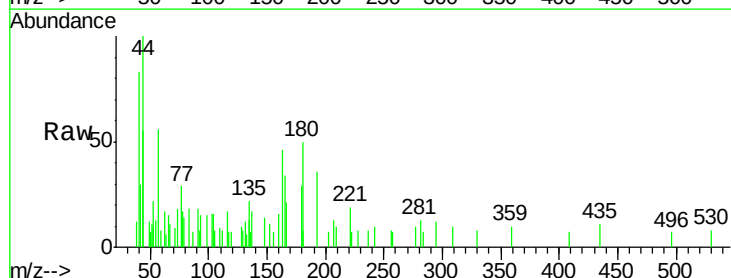
Tgt Ion:165 Resp: 1292

Ion Ratio Lower Upper

165 100

63 18.9 64.3 96.5#

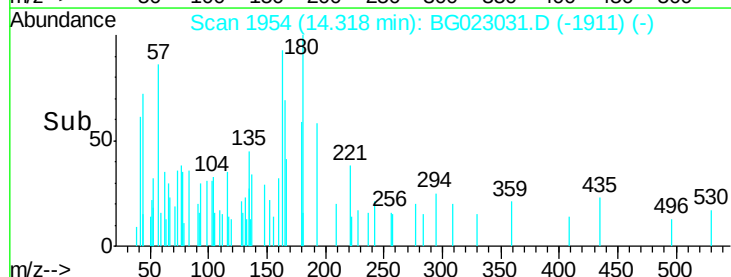
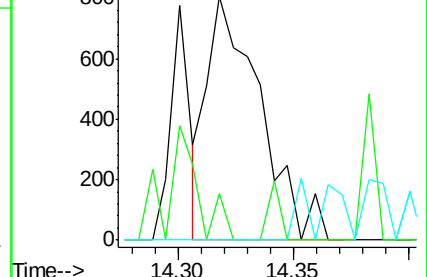
89 0.0 64.3 96.5#

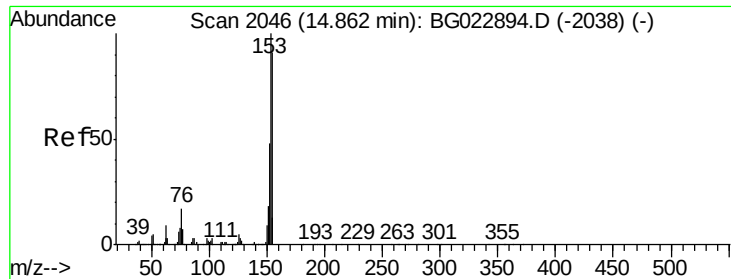


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 2.58 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

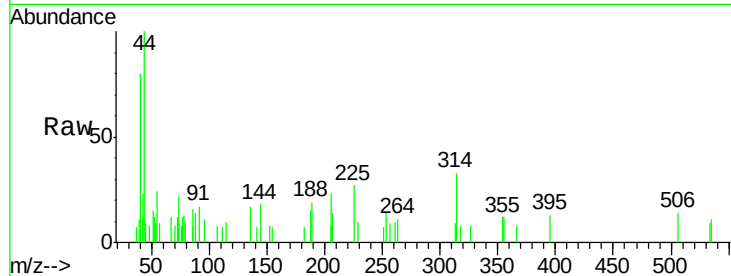
Tot Ion:154 Resp: 53

Ion Ratio Lower Upper

154 100

153 0.0 87.5 131.3#

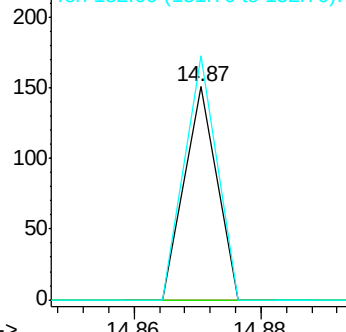
152 114.6 42.7 64.1#



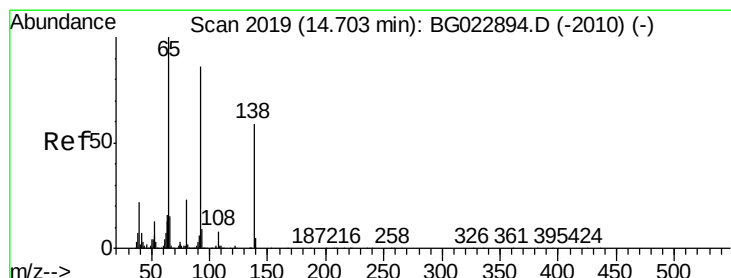
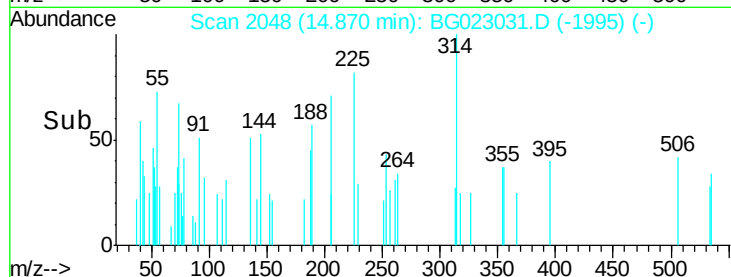
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 15.72 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.06 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

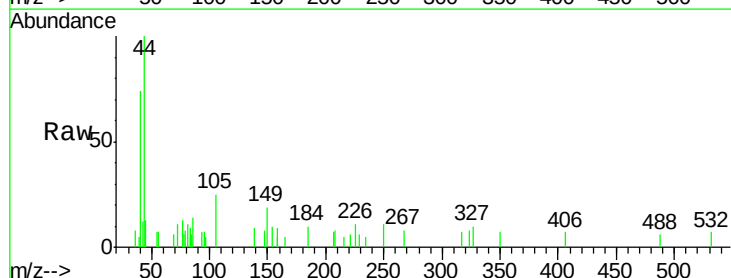
Tgt Ion:138 Resp: 99

Ion Ratio Lower Upper

138 100

108 0.0 11.7 17.5#

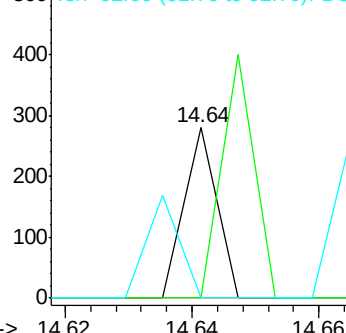
92 0.0 129.7 194.5#



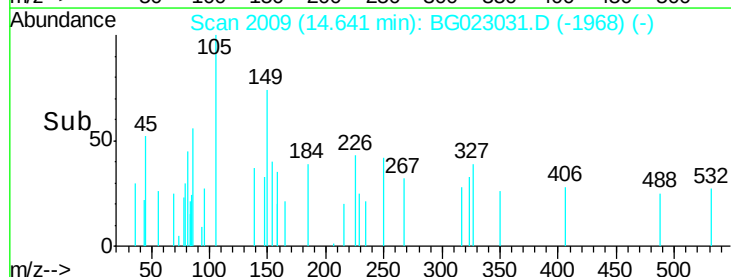
Abundance Ion 138.00 (137.70 to 138.70): E

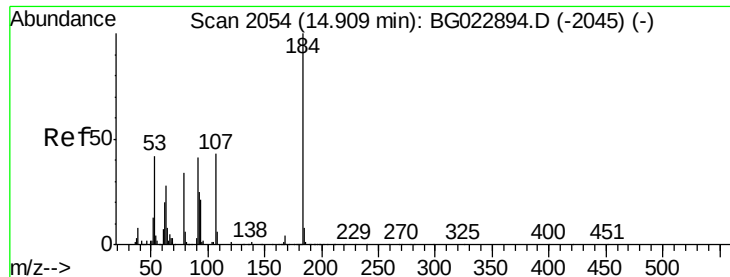
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG



Time-->





#53

2,4-Dinitrophenol

Concen: 21.23 ng

RT: 14.92 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

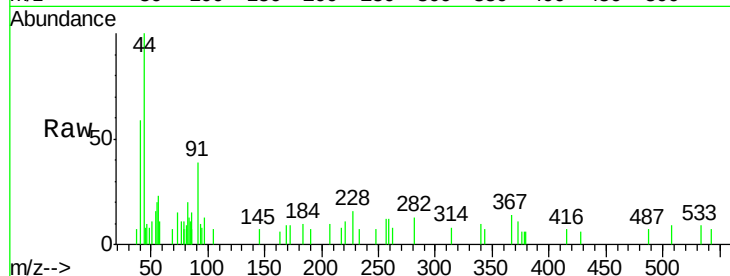
Tot Ion:184 Resp: 92

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

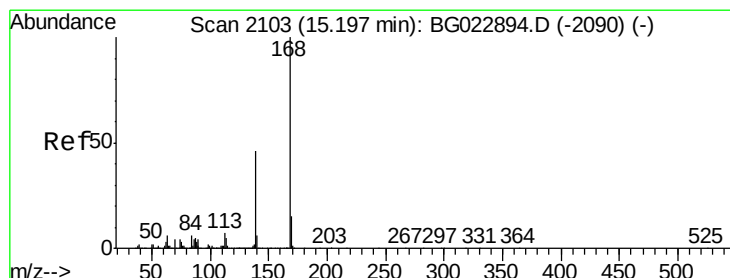
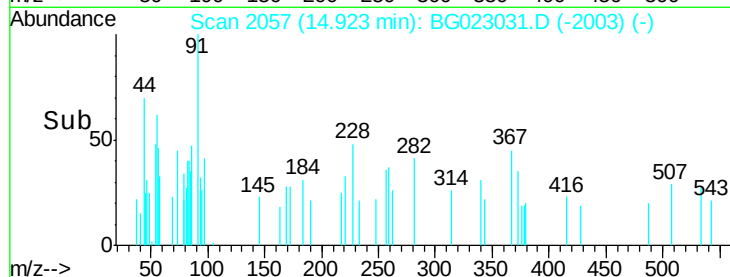
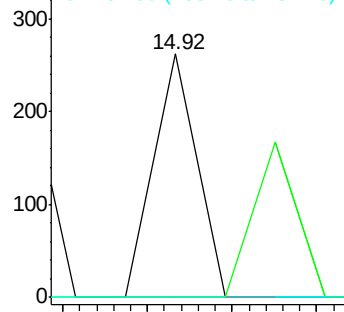
154 0.0 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 16.76 ng

RT: 15.21 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

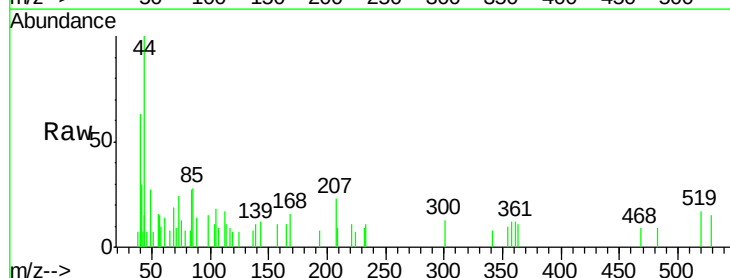
Tgt Ion:168 Resp: 515

Ion Ratio Lower Upper

168 100

139 70.8 36.4 54.6#

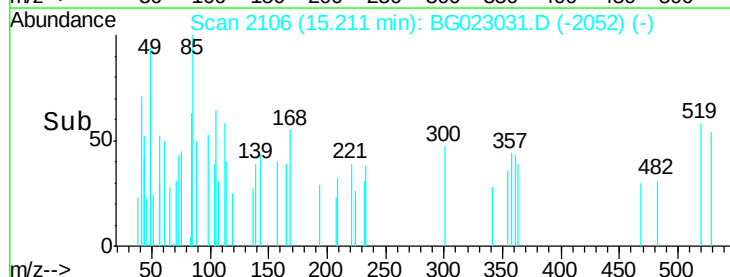
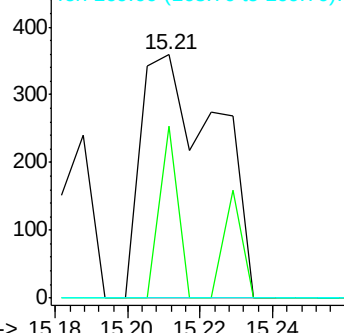
169 0.0 11.9 17.9#

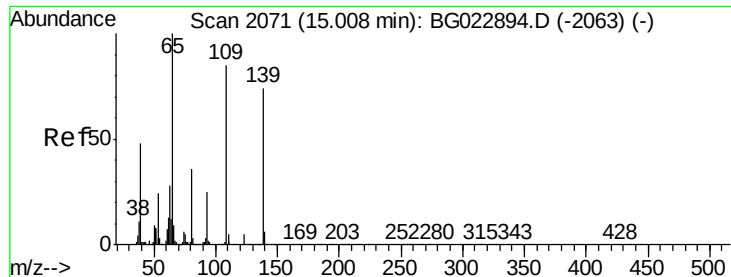


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

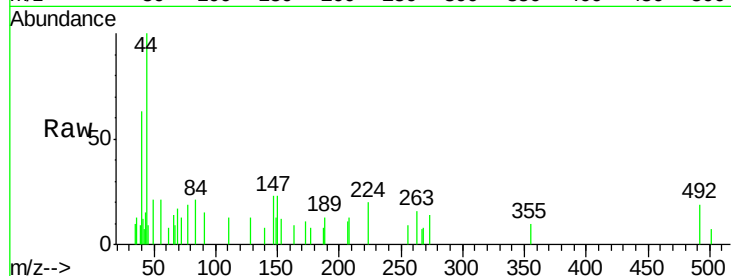




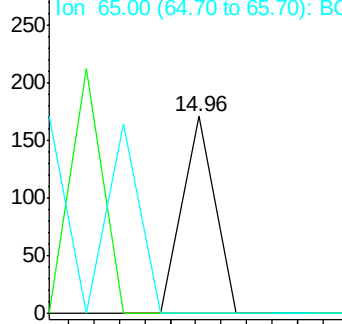
#55
4-Nitrophenol
Concen: 11.37 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.04 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :

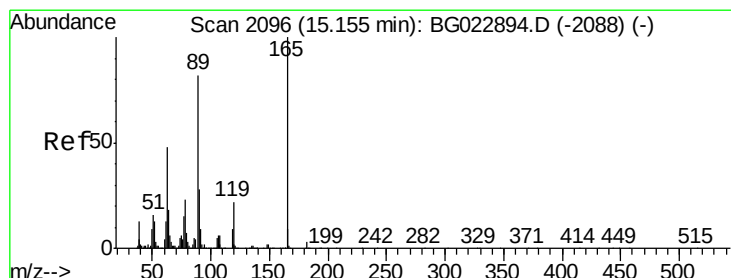
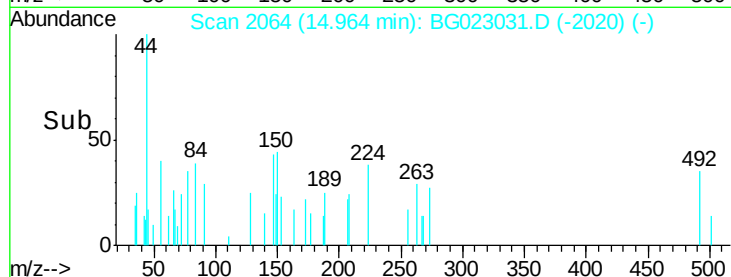
Tot Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



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

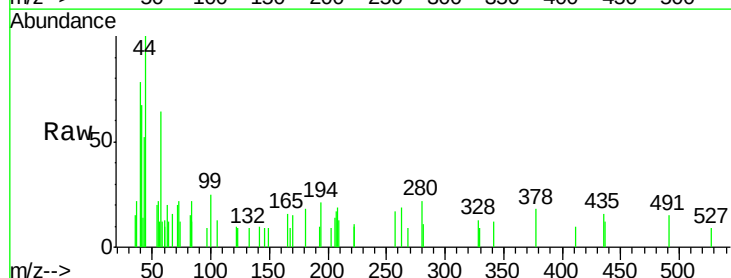


Time-->

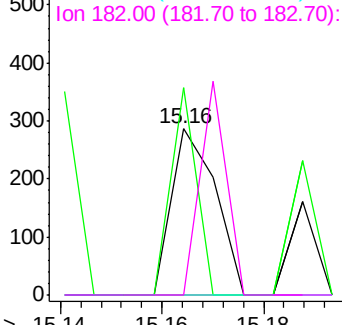


#56
2,4-Dinitrotoluene
Concen: 18.68 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

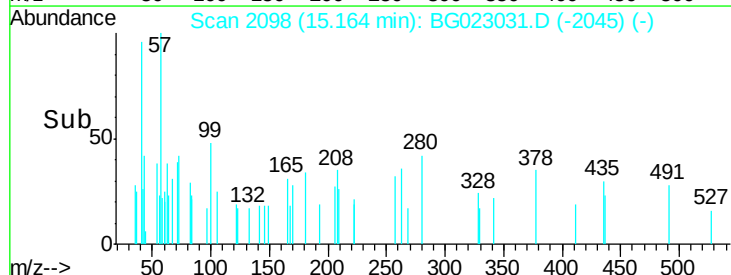
Tgt Ion:165 Resp: 172
Ion Ratio Lower Upper
165 100
63 124.8 45.8 68.6#
89 0.0 68.6 102.8#
182 0.0 2.0 3.0#

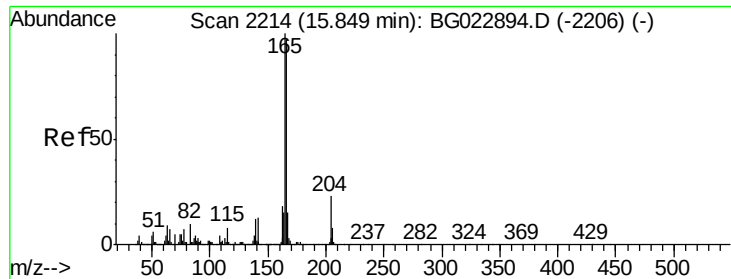


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 7.53 ng

RT: 15.86 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

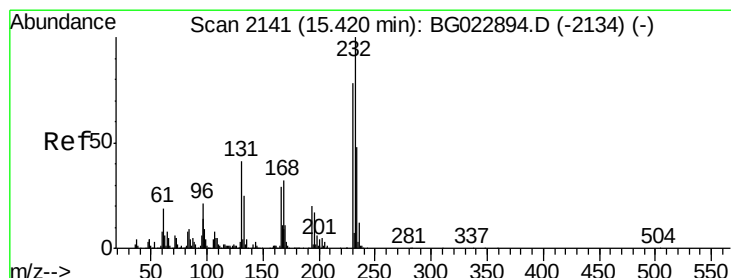
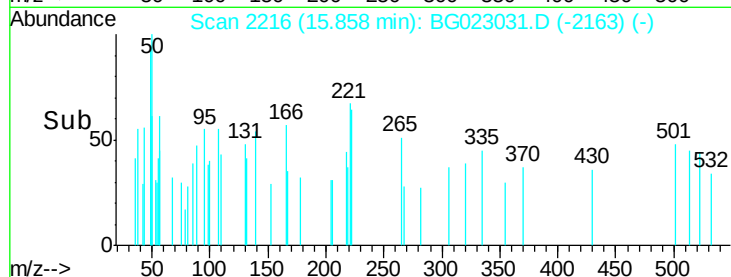
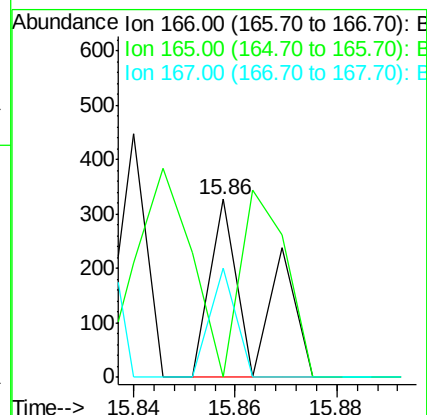
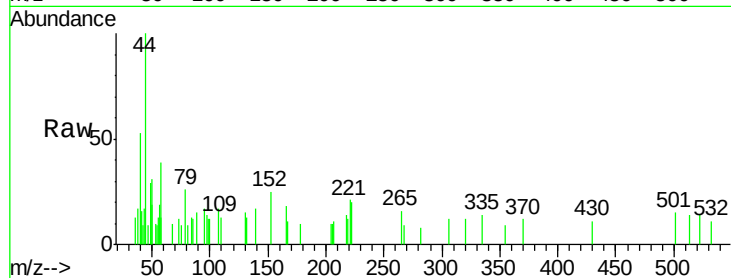
Tot Ion:166 Resp: 199

Ion Ratio Lower Upper

166 100

165 0.0 81.0 121.6#

167 61.2 12.0 18.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 12.57 ng

RT: 15.43 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion:232 Resp: 110

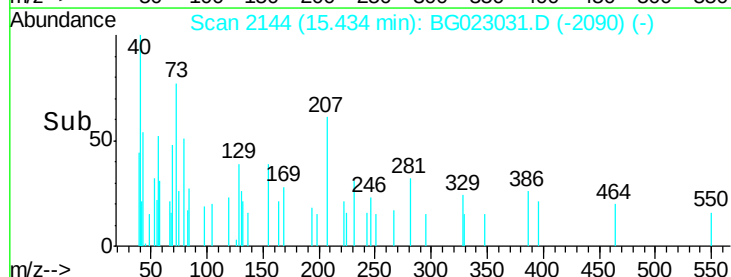
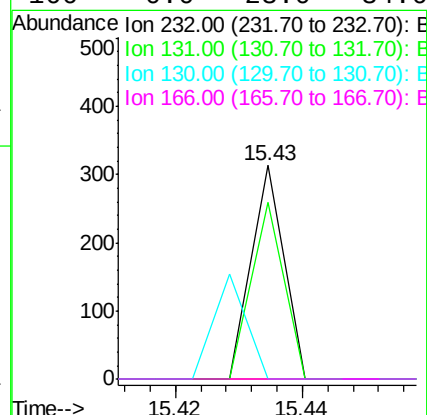
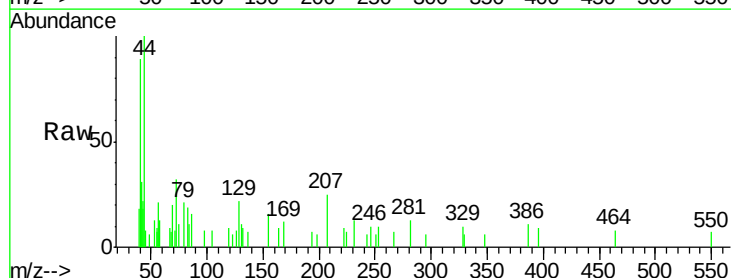
Ion Ratio Lower Upper

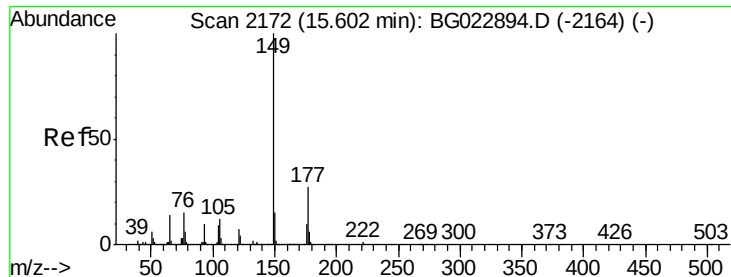
232 100

131 83.6 32.7 49.1#

130 50.0 2.6 3.8#

166 0.0 23.0 34.6#

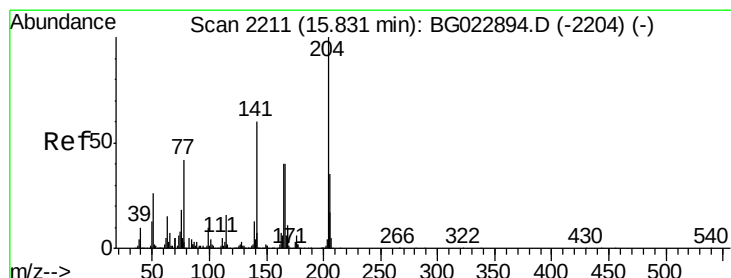
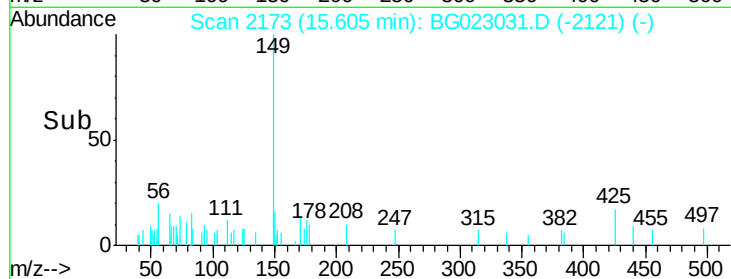
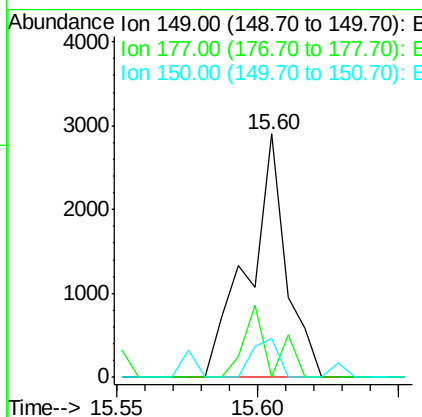
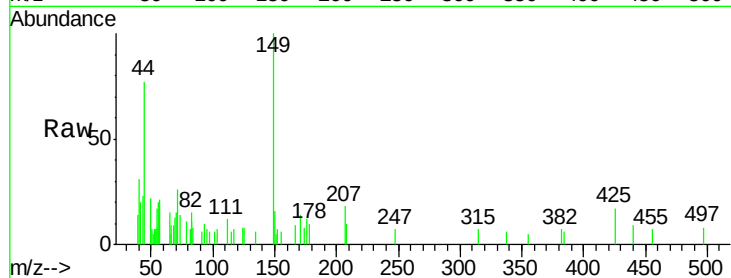




#59
Diethylphthalate
Concen: 93.38 ng
RT: 15.60 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

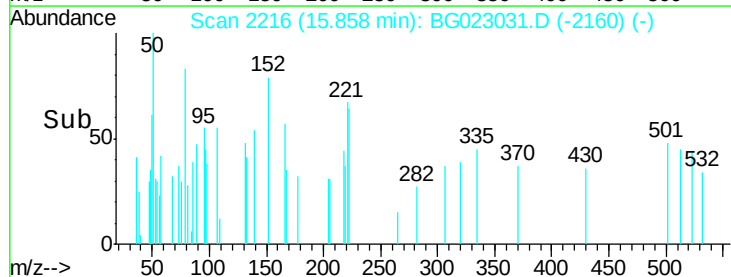
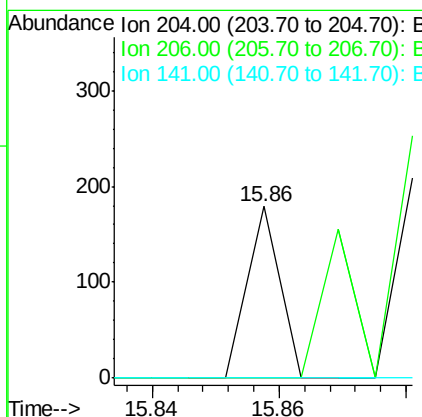
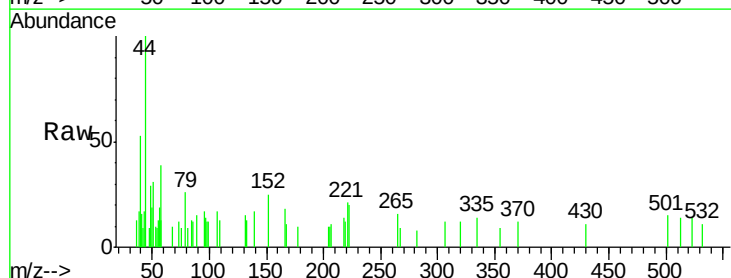
Instrument :
BNA_G
ClientSampleId :

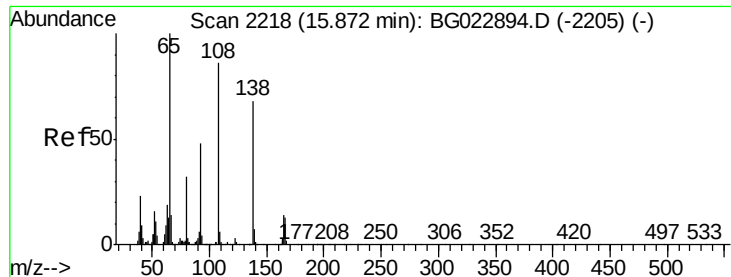
Tot Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.2	28.8#
150	16.0	10.6	16.0#



#60
4-Chlorophenyl-phenylether
Concen: 3.91 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.03 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	0.0	28.5	42.7#
141	0.0	51.4	77.0#

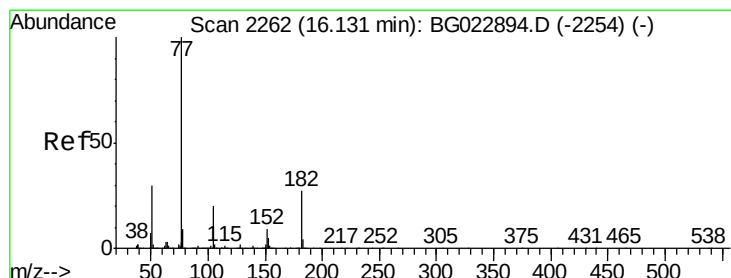
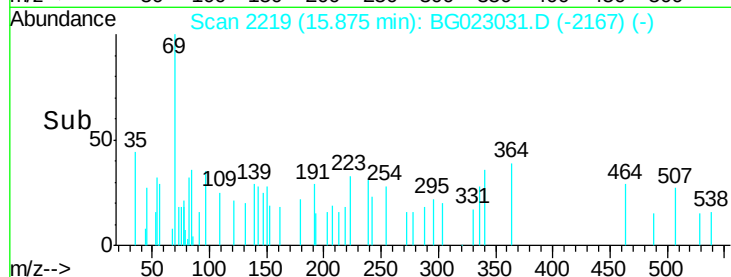
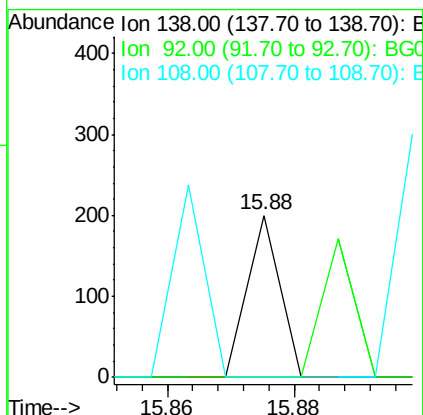
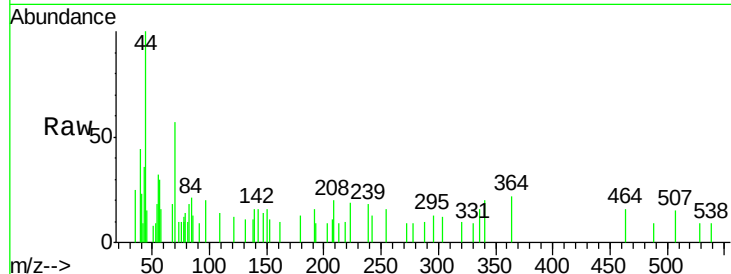




#61
4-Nitroaniline
Concen: 10.42 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

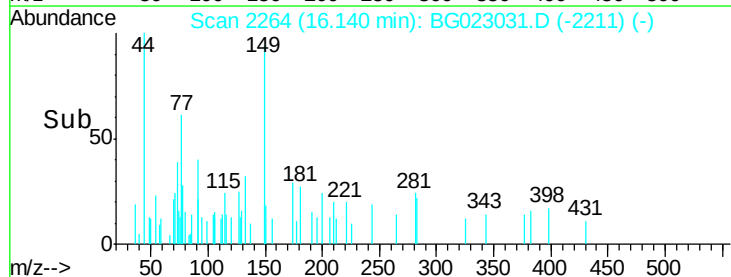
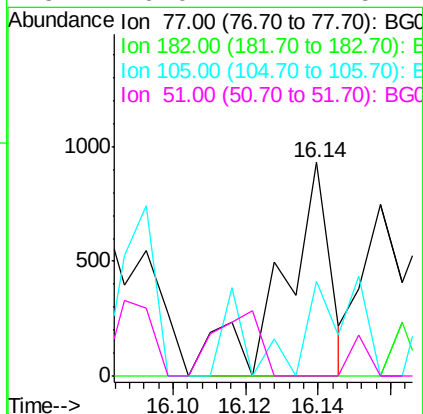
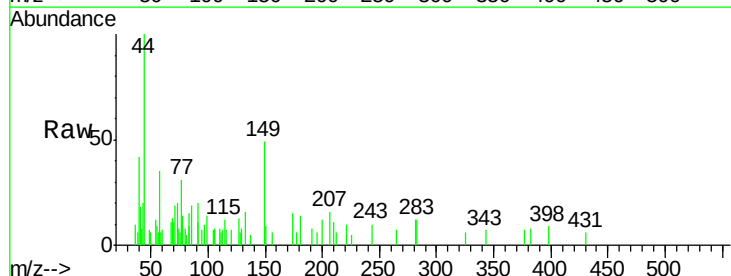
Instrument :
BNA_G
ClientSampleId :

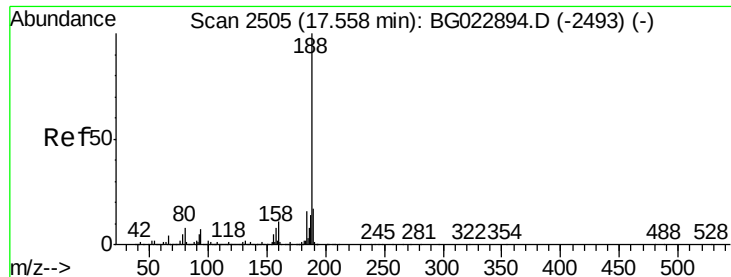
Tot Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
92 0.0 54.1 94.1#
108 0.0 133.9 173.9#



#62
Azobenzene
Concen: 31.23 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion: 77 Resp: 854
Ion Ratio Lower Upper
77 100
182 0.0 3.5 43.5#
105 44.6 0.0 38.5#
51 0.0 17.1 57.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

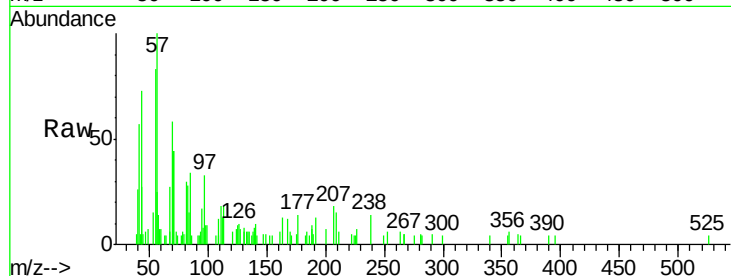
Tot Ion:188 Resp: 878

Ion Ratio Lower Upper

188 100

94 37.8 5.2 7.8#

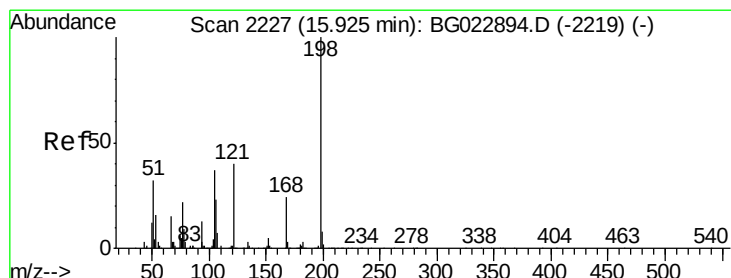
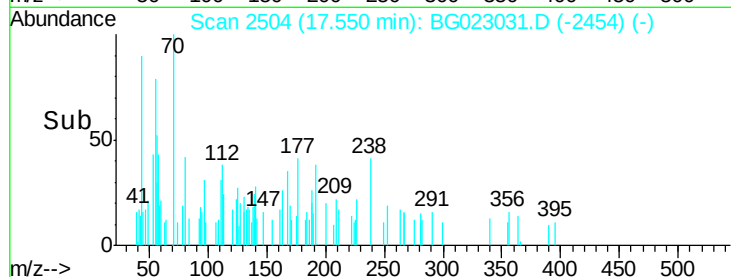
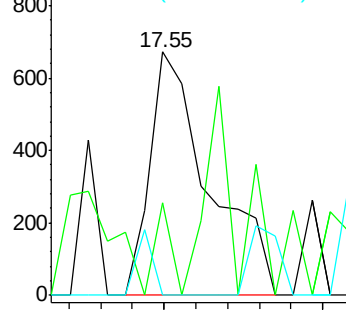
80 0.0 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 9.50 ng

RT: 15.96 min Scan# 2233

Delta R.T. 0.03 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

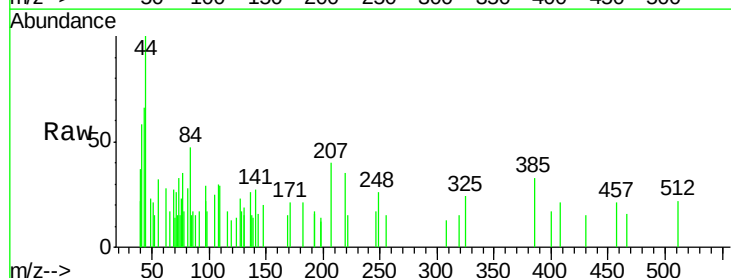
Tgt Ion:198 Resp: 62

Ion Ratio Lower Upper

198 100

51 255.7 26.0 66.0#

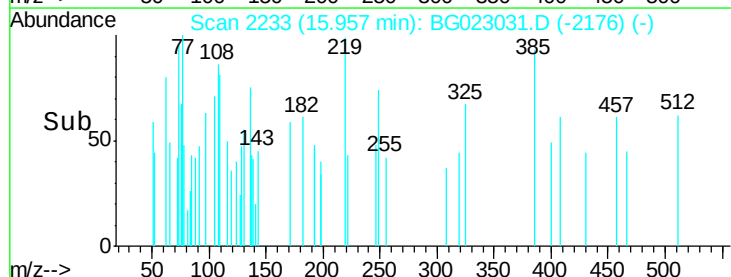
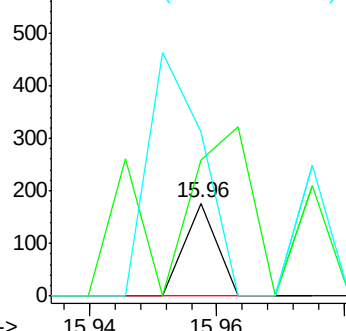
105 176.7 20.1 60.1#

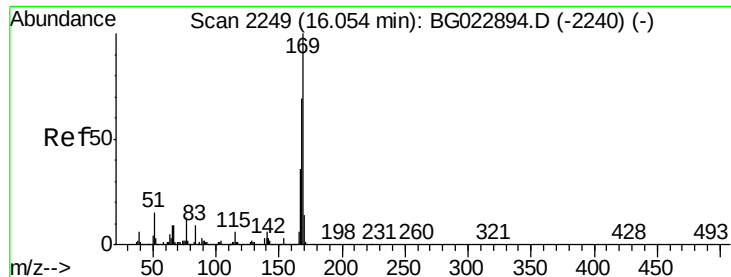


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

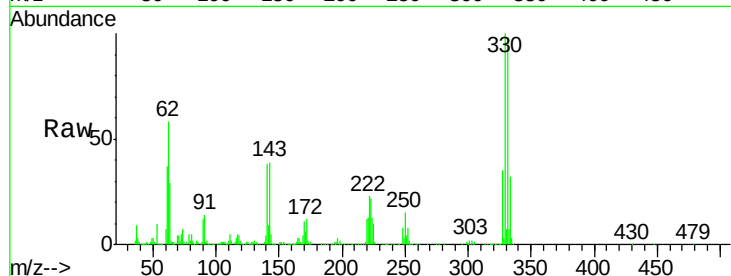




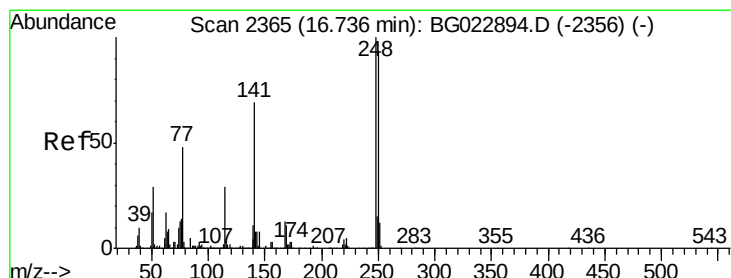
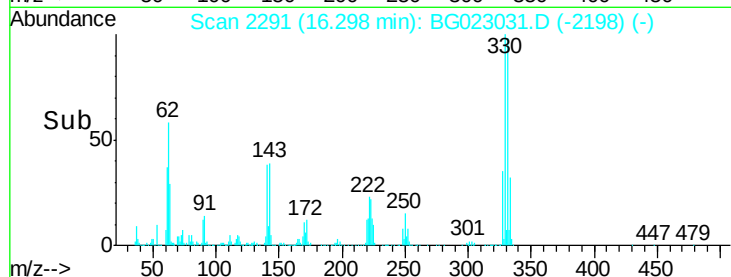
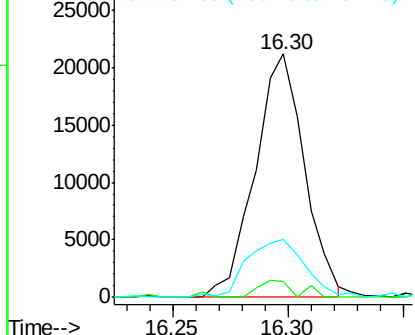
#65
n-Nitrosodiphenylamine
Concen: 1242.46 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.24 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 31429
Ion Ratio Lower Upper
169 100
168 6.3 55.0 82.4#
167 23.6 27.4 41.0#

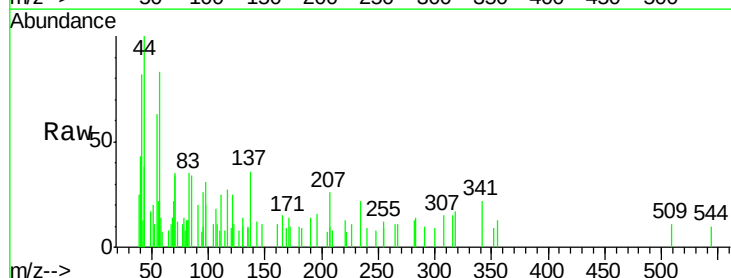


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

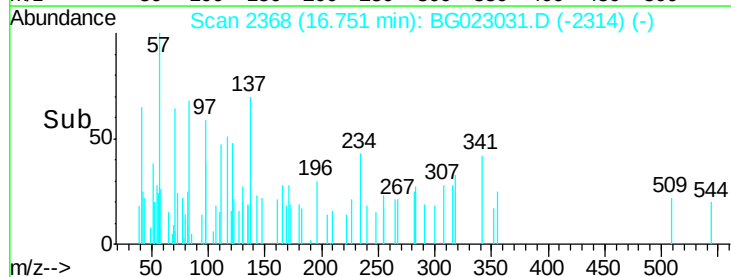
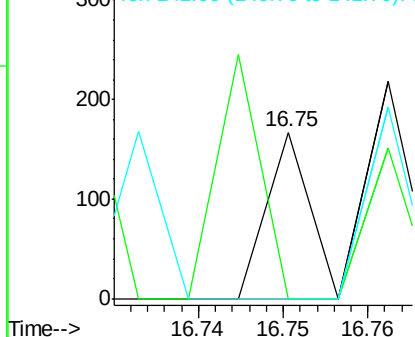


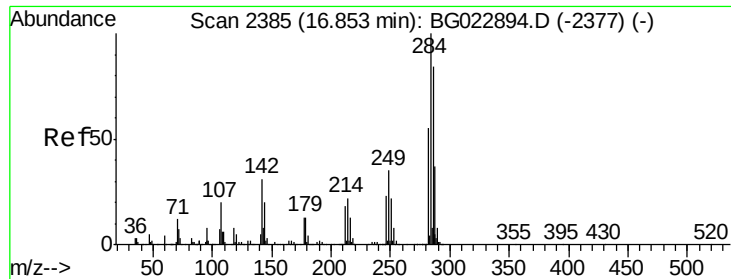
#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 16.75 min Scan# 2368
Delta R.T. 0.01 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion:248 Resp: 59
Ion Ratio Lower Upper
248 100
250 0.0 77.8 116.8#
141 0.0 65.7 98.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

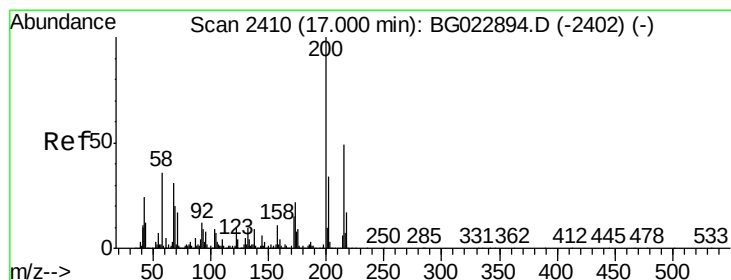
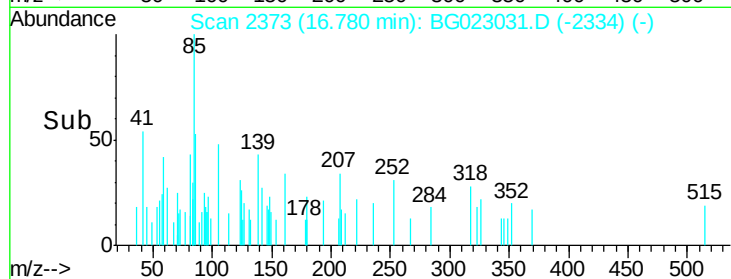
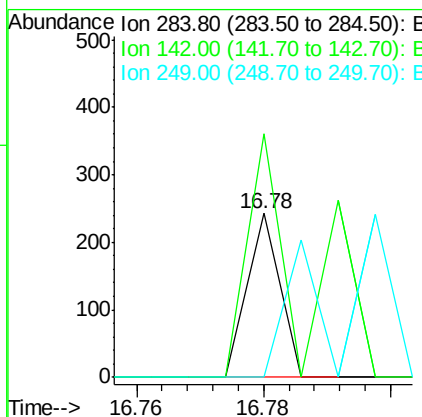
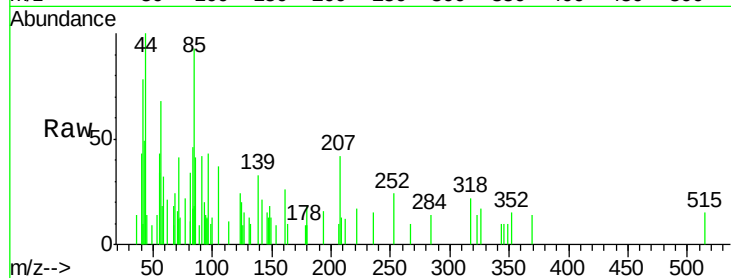




#67
Hexachlorobenzene
Concen: 6.92 ng
RT: 16.78 min Scan# 2373
Delta R.T. -0.07 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

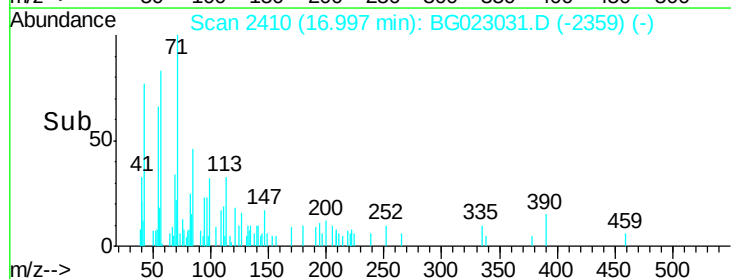
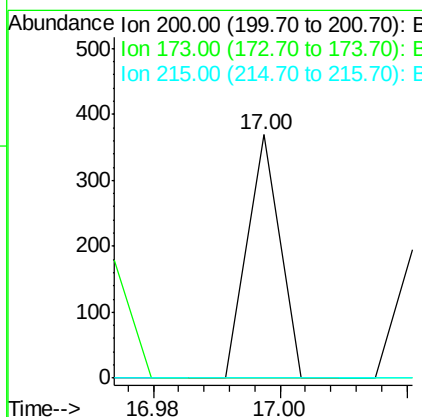
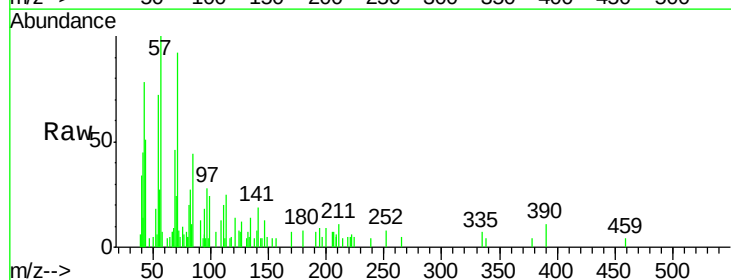
Instrument :
BNA_G
ClientSampled :

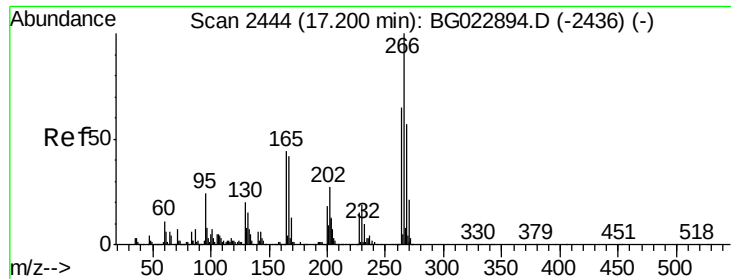
Tot Ion	Ratio	Lower	Upper
284	100		
142	148.6	26.8	40.2#
249	0.0	28.9	43.3#



#68
Atrazine
Concen: 11.59 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	1.6	41.6#
215	0.0	28.7	68.7#





#69

Pentachlorophenol

Concen: 8.08 ng

RT: 17.24 min Scan# 2451

Delta R.T. 0.04 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

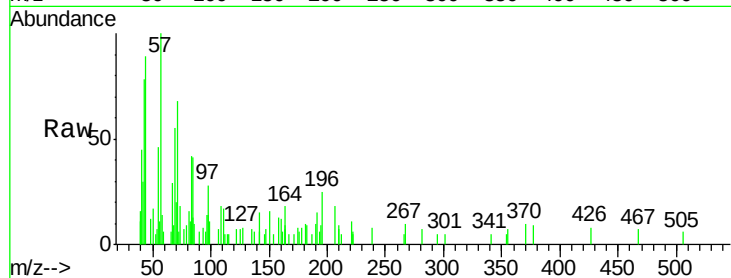
Tot Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

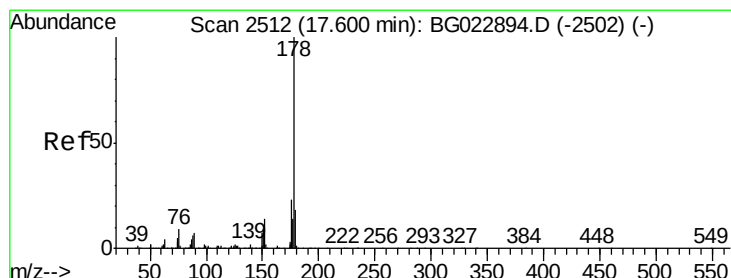
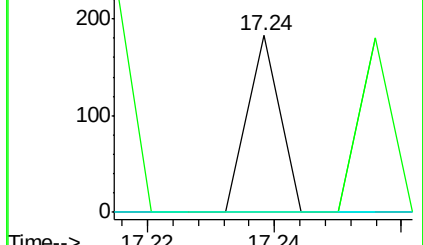
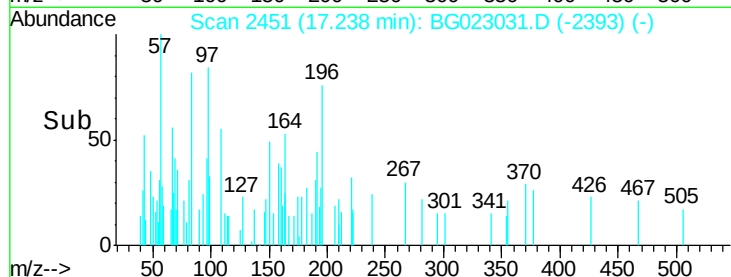
264 0.0 50.6 75.8#



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: 30.31 ng

RT: 17.61 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

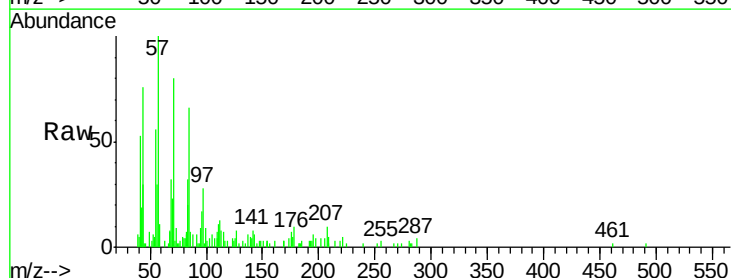
Tgt Ion:178 Resp: 1304

Ion Ratio Lower Upper

178 100

176 72.0 16.8 25.2#

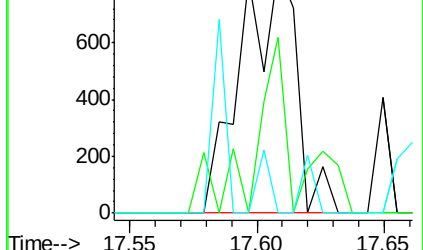
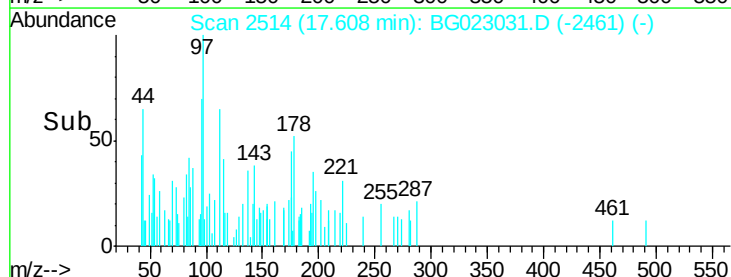
179 0.0 14.3 21.5#

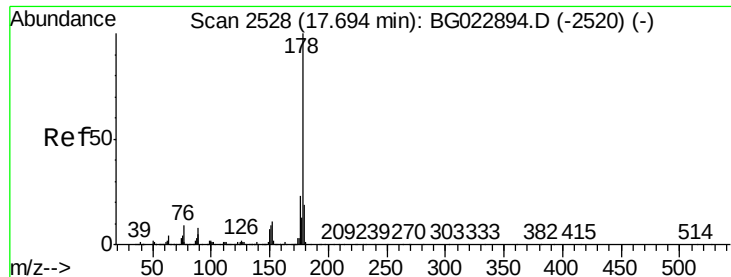


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

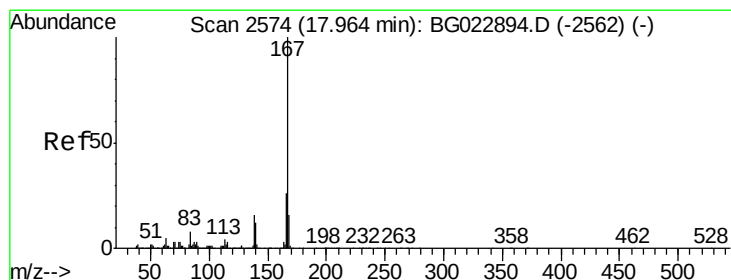
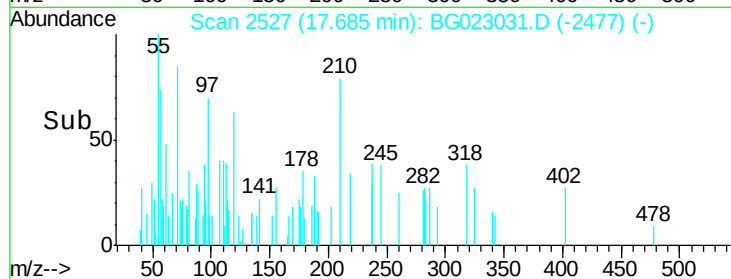
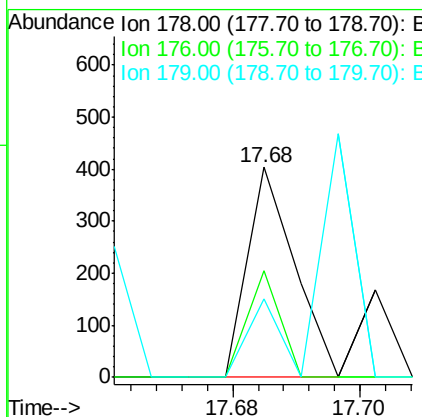
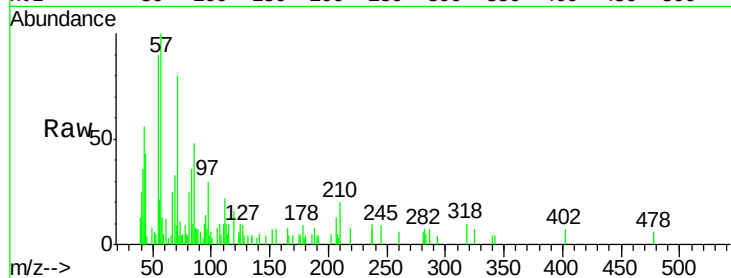




#71
 Anthracene
 Concen: 4.73 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

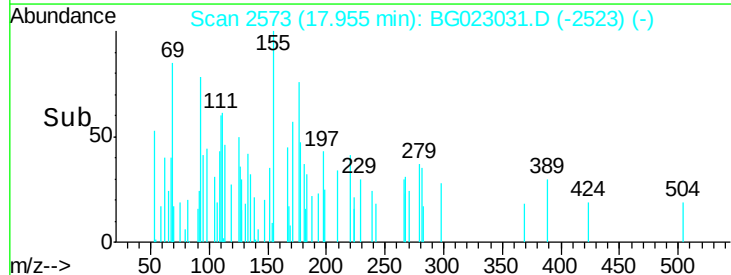
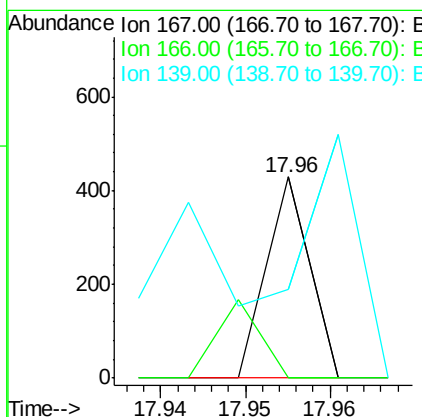
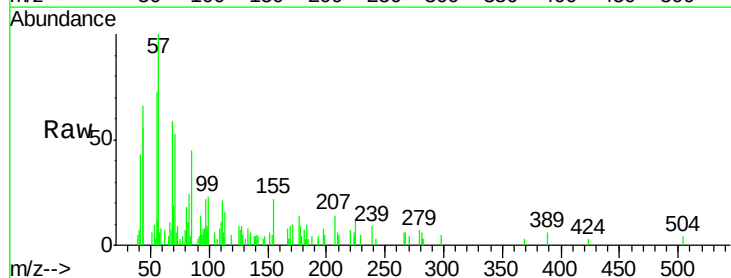
Instrument :
 BNA_G
 ClientSampled :

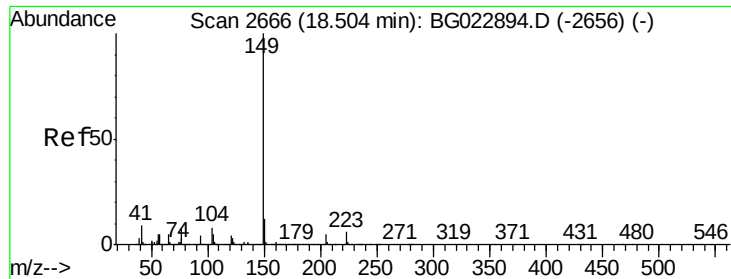
Tot Ion	Ratio	Lower	Upper
178	100		
176	51.0	17.3	25.9#
179	37.6	14.0	21.0#



#72
 Carbazole
 Concen: 4.01 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	0.0	20.7	31.1#
139	32.0	11.9	17.9#

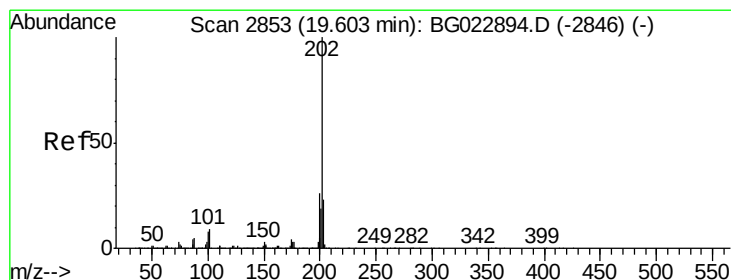
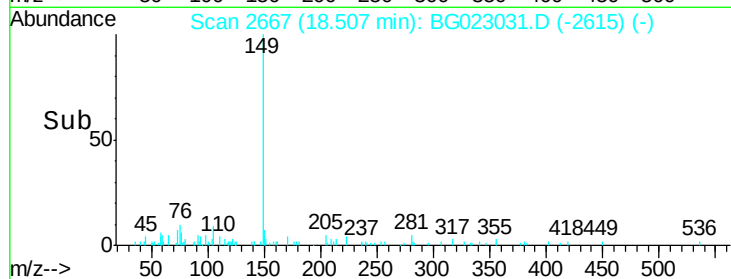
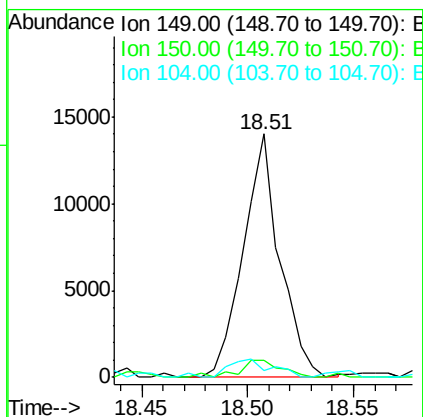
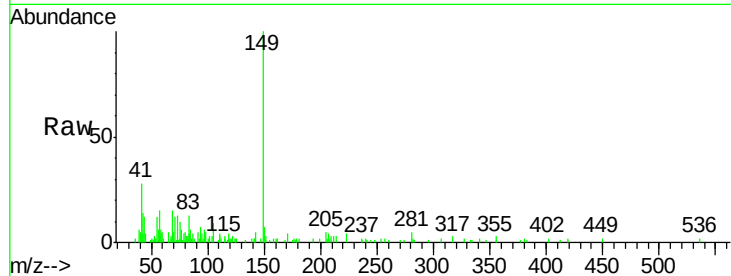




#73
Di-n-butylphthalate
Concen: 402.02 ng
RT: 18.51 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

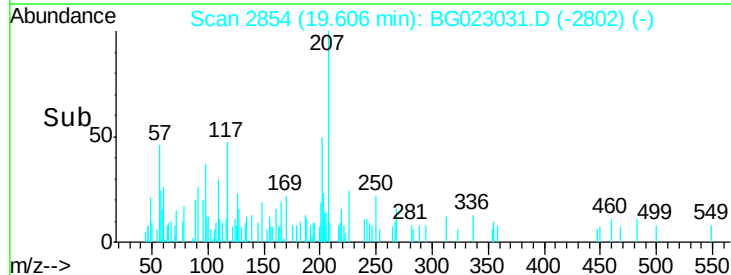
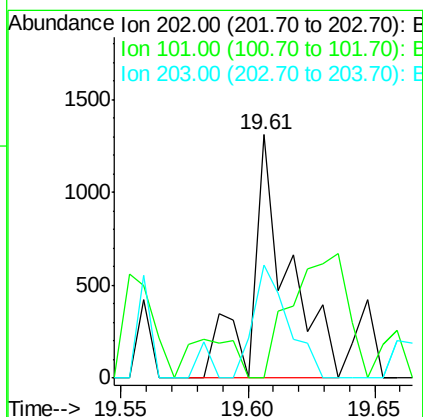
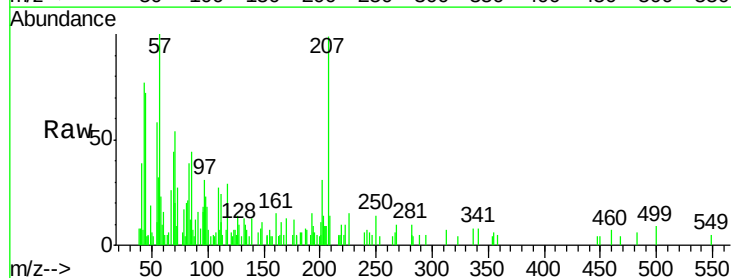
Instrument :
BNA_G
ClientSampleId :

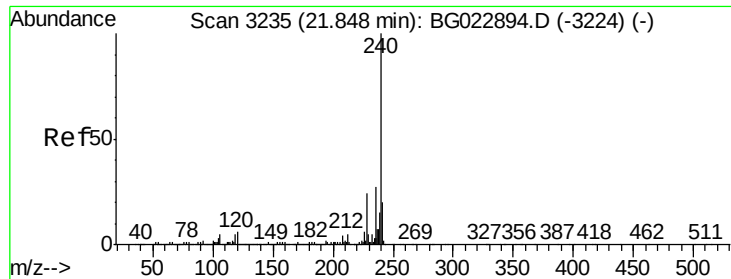
Tot Ion	Ratio	Lower	Upper
149	100		
150	7.0	9.1	13.7#
104	2.8	6.9	10.3#



#74
Fluoranthene
Concen: 25.04 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023031.D
Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	46.7	1.7	41.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

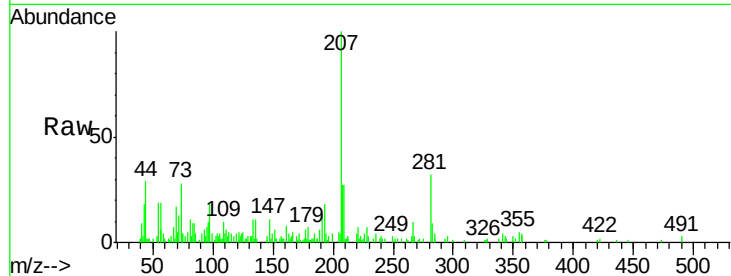
Tot Ion:240 Resp: 401

Ion Ratio Lower Upper

240 100

120 0.0 4.1 6.1#

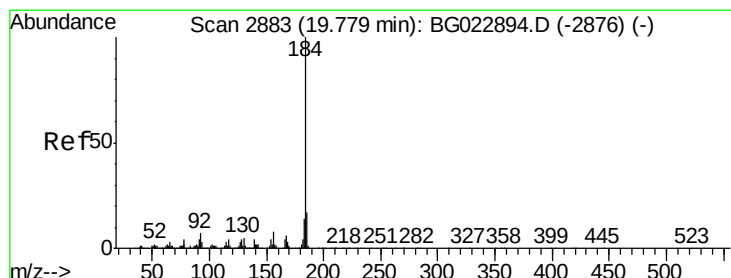
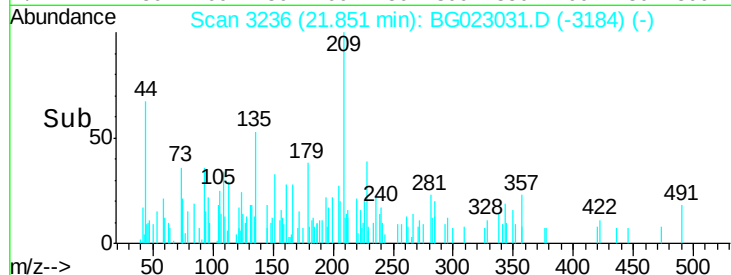
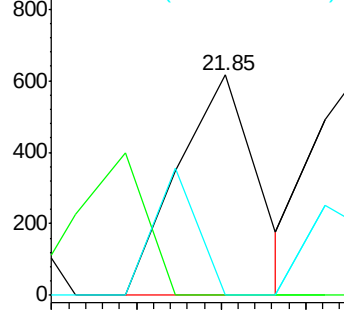
236 0.0 21.1 31.7#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.78 ng

RT: 19.79 min Scan# 2886

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

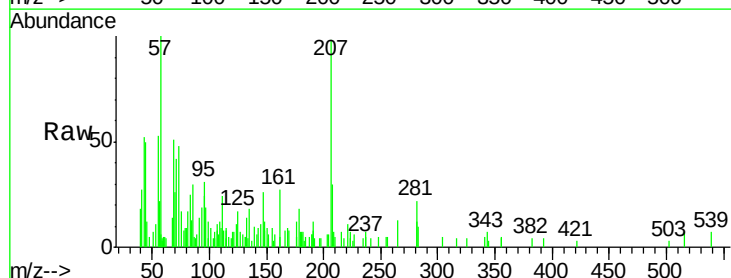
Tgt Ion:184 Resp: 78

Ion Ratio Lower Upper

184 100

185 0.0 12.6 19.0#

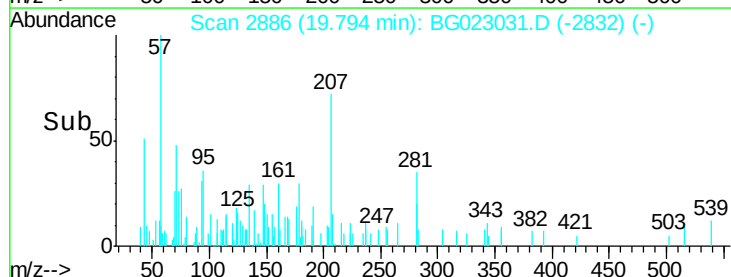
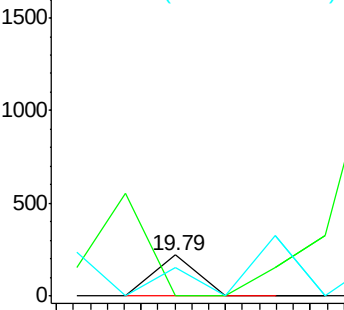
183 70.7 10.7 16.1#

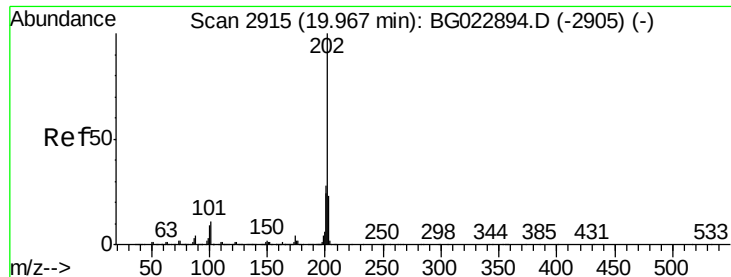


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.45 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023031.D

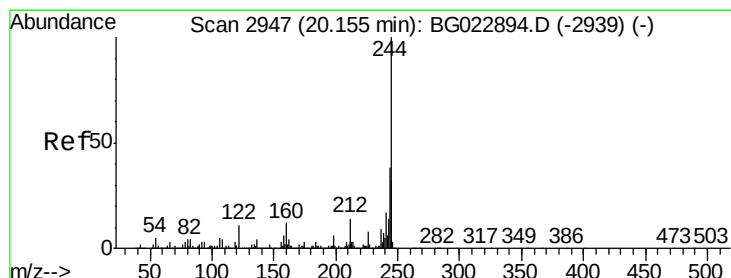
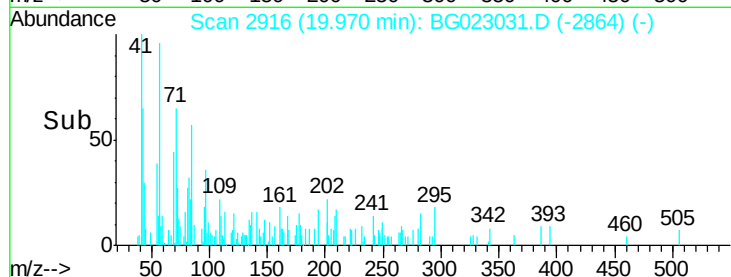
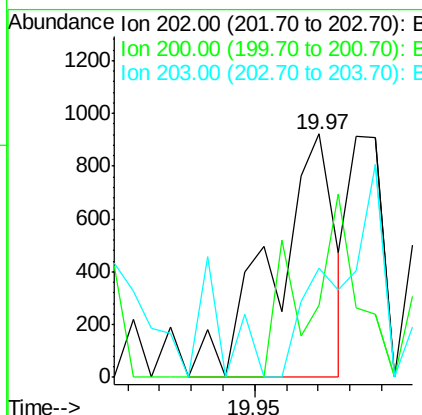
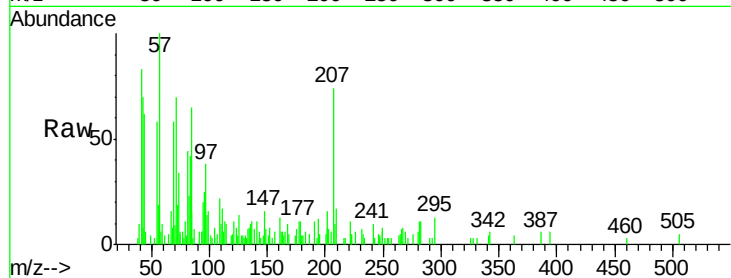
Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	29.5	21.2	31.8
203	44.7	16.8	25.2



#78

Terphenyl-d14

Concen: -20.00 ng

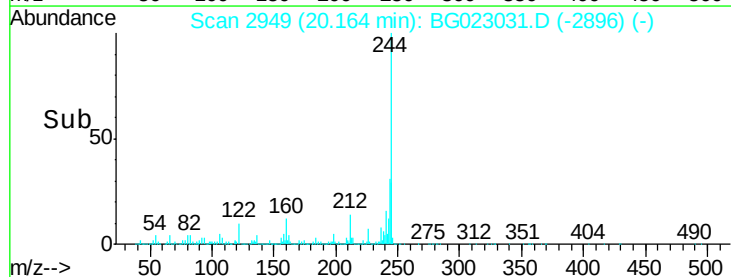
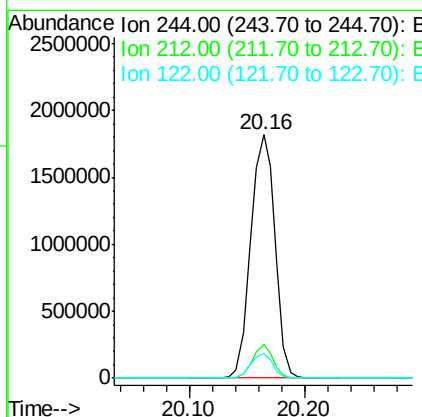
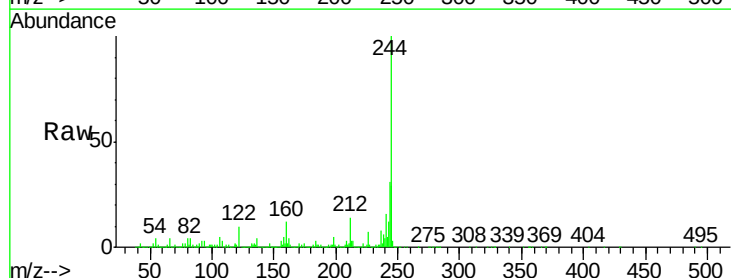
RT: 20.16 min Scan# 2949

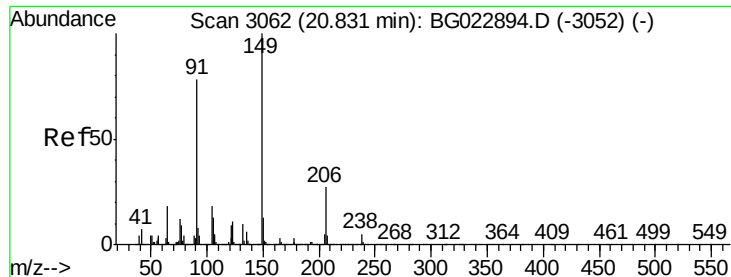
Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.9	10.8	16.2
122	10.3	8.0	12.0





#79

Butylbenzylphthalate

Concen: 127.05 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

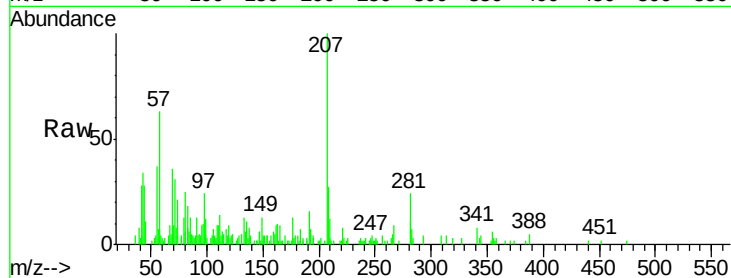
Tot Ion:149 Resp: 1134

Ion Ratio Lower Upper

149 100

91 78.3 68.1 102.1

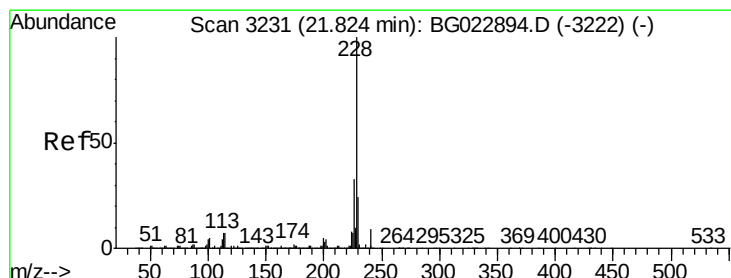
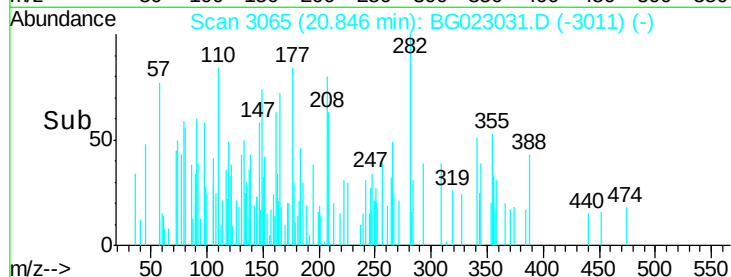
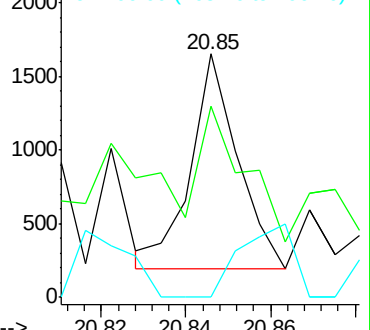
206 0.0 19.8 29.6#



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: 18.59 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

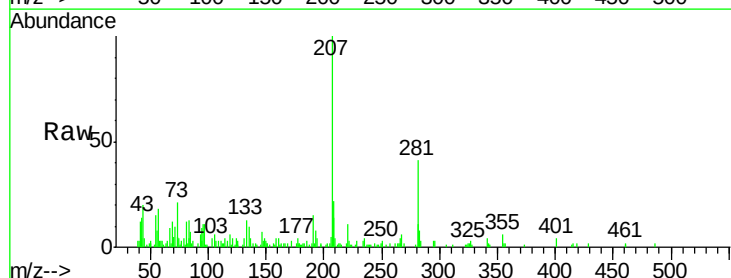
Tgt Ion:228 Resp: 417

Ion Ratio Lower Upper

228 100

226 0.0 25.3 37.9#

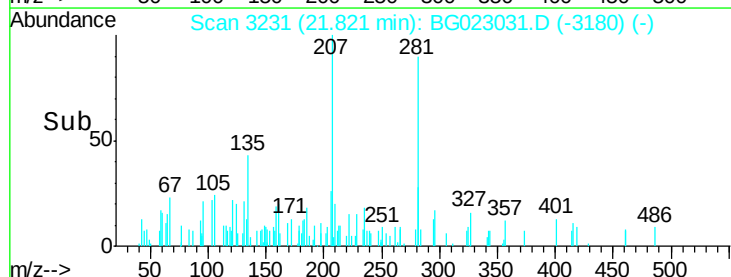
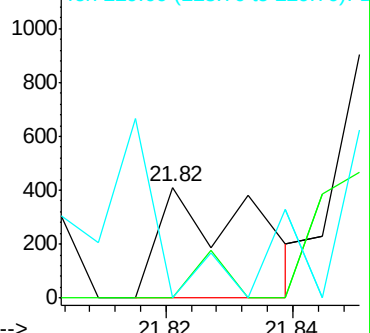
229 0.0 19.9 29.9#

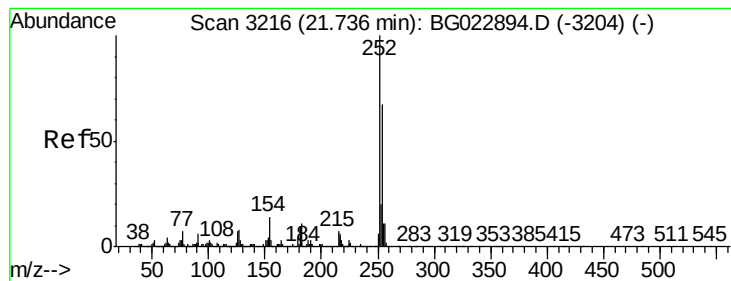


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

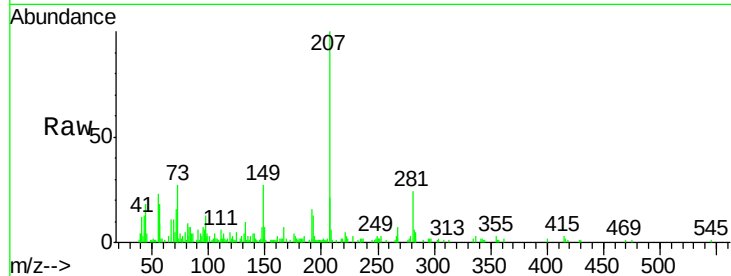




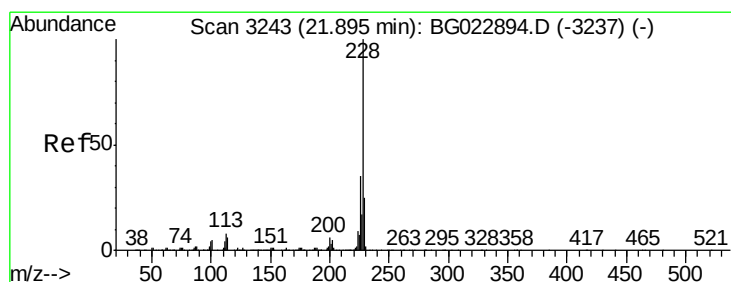
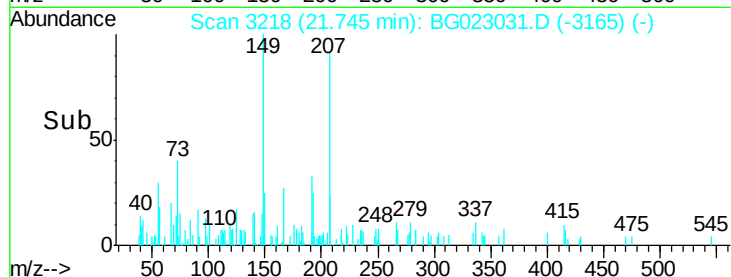
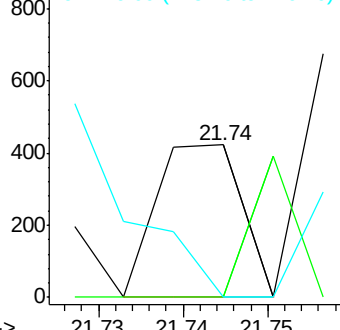
#81
 3,3'-Dichlorobenzidine
 Concen: 30.06 ng
 RT: 21.74 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 296
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.2 76.8#
 126 0.0 5.3 7.9#

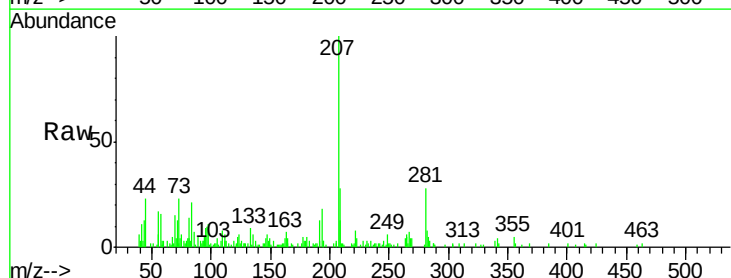


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

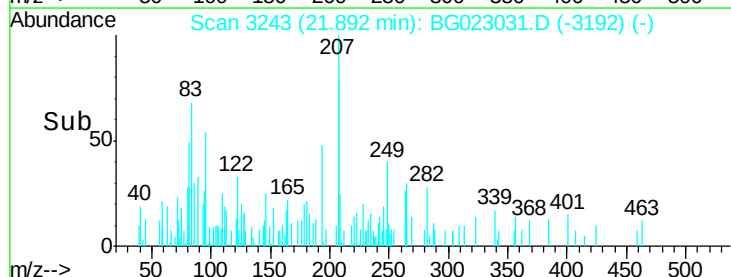
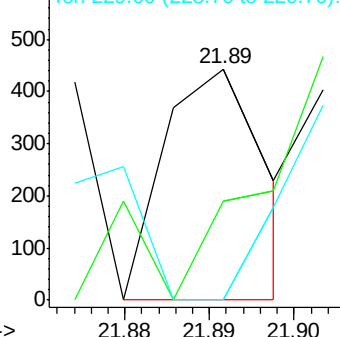


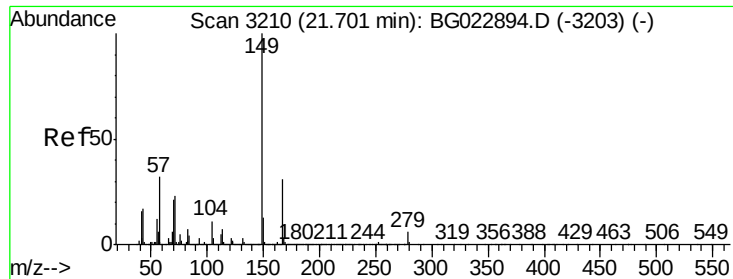
#82
 Chrysene
 Concen: 17.44 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Tgt Ion:228 Resp: 367
 Ion Ratio Lower Upper
 228 100
 226 42.8 26.7 40.1#
 229 0.0 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: 2708.75 ng

RT: 21.73 min Scan# 3215

Delta R.T. 0.03 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

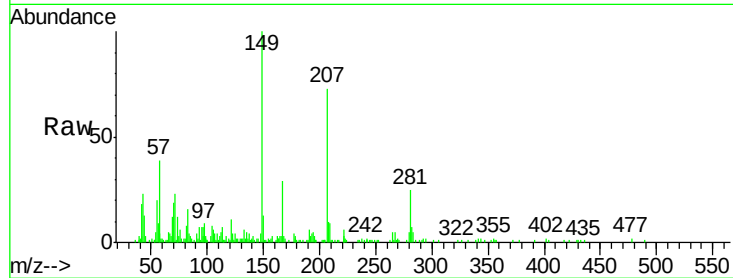
Tot Ion:149 Resp: 33572

Ion Ratio Lower Upper

149 100

167 28.7 24.0 36.0

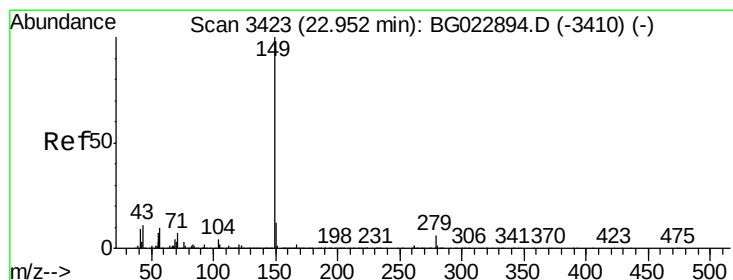
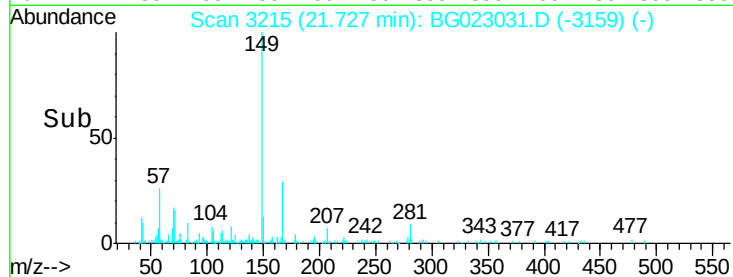
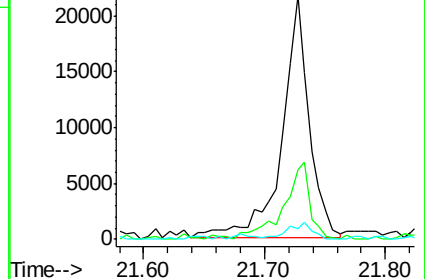
279 4.6 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.88 ng

RT: 22.97 min Scan# 3426

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

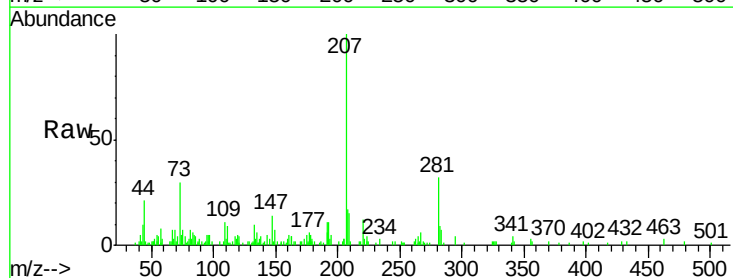
Tgt Ion:149 Resp: 907

Ion Ratio Lower Upper

149 100

167 57.7 1.5 2.3#

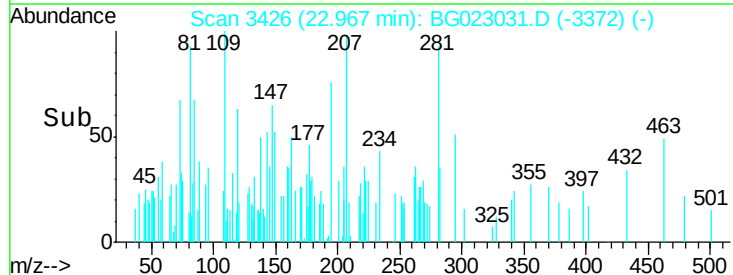
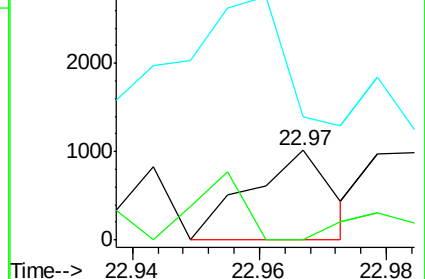
43 172.7 8.8 13.2#

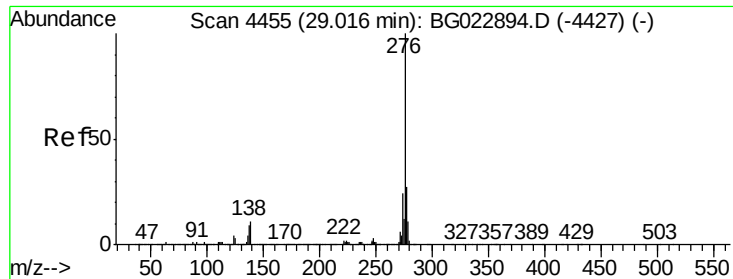


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.37 ng

RT: 29.02 min Scan# 4457

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

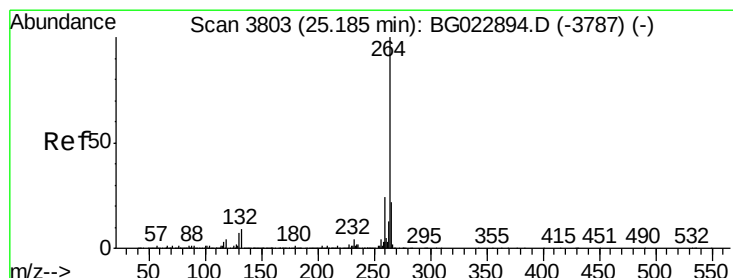
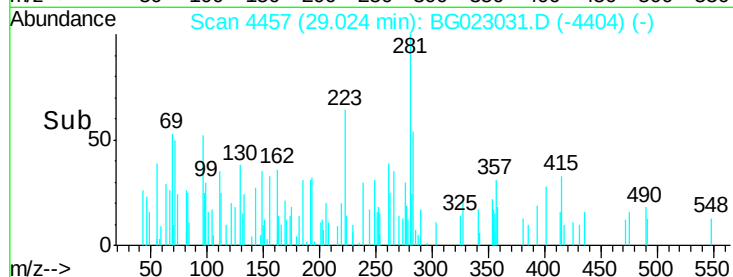
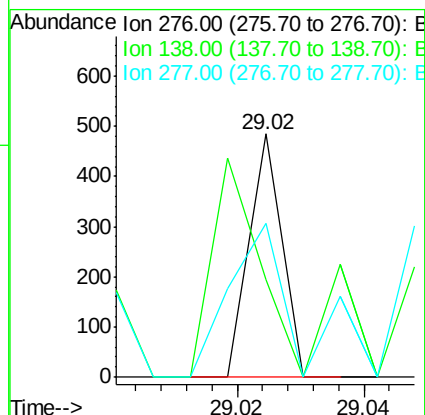
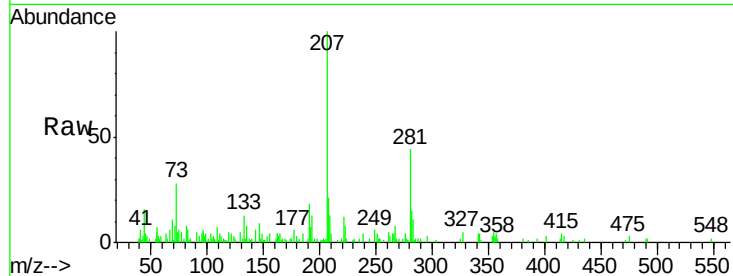
Tot Ion:276 Resp: 171

Ion Ratio Lower Upper

276 100

138 165.5 0.0 0.0#

277 99.4 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

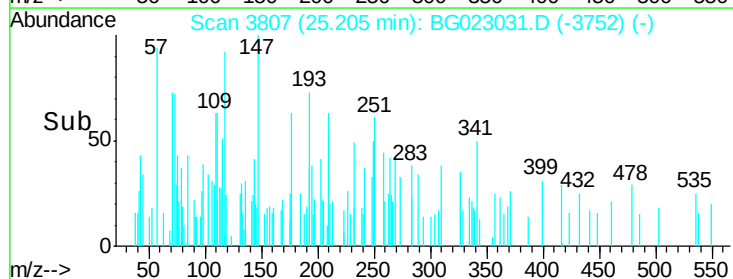
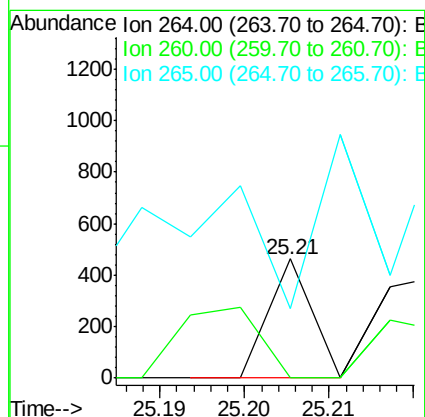
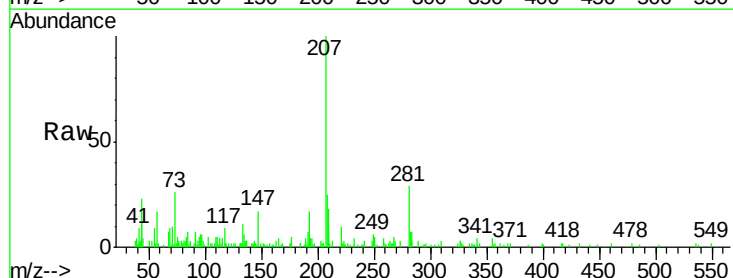
Tgt Ion:264 Resp: 163

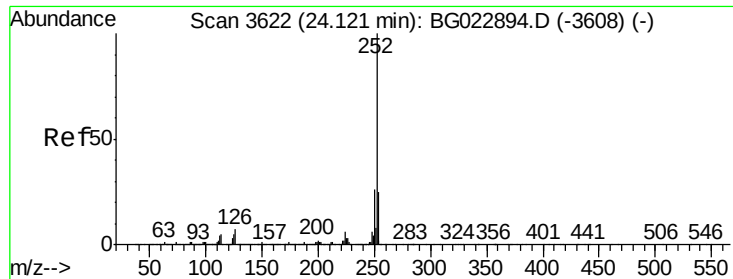
Ion Ratio Lower Upper

264 100

260 0.0 18.4 27.6#

265 36.8 18.9 28.3#





#87

Benzo(b)fluoranthene

Concen: 20.52 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.01 min

Lab File: BG023031.D

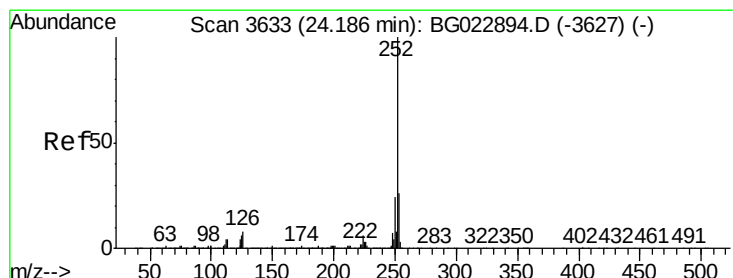
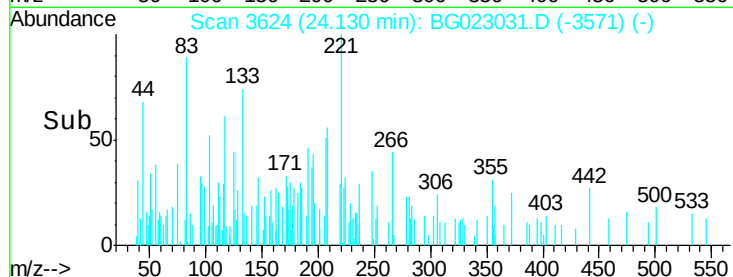
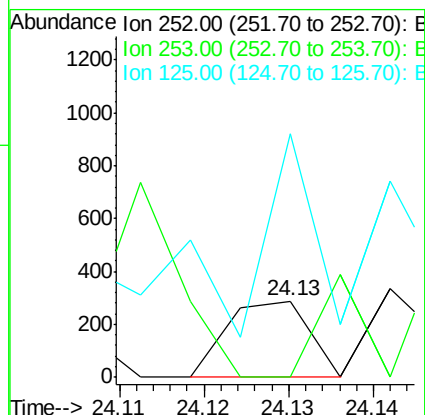
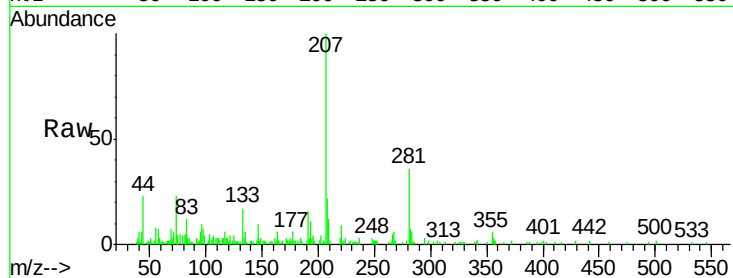
Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

Tot Ion:	252	Resp:	193
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.9	28.3#
125	320.9	3.9	5.9#



#88

Benzo(k)fluoranthene

Concen: 30.70 ng

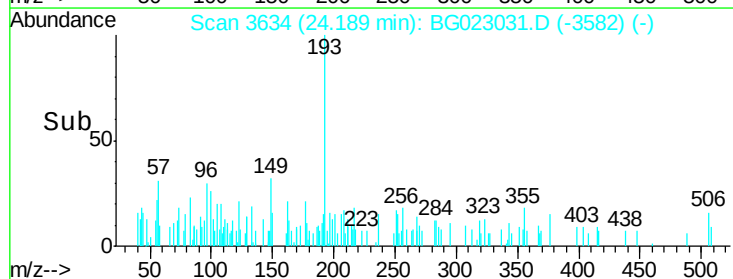
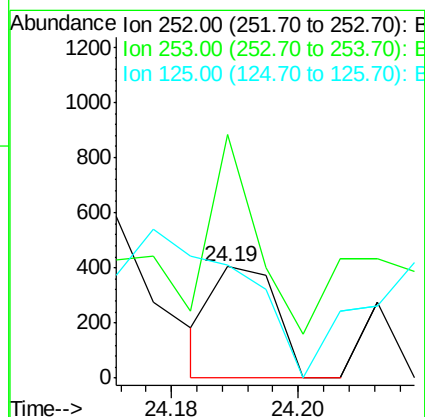
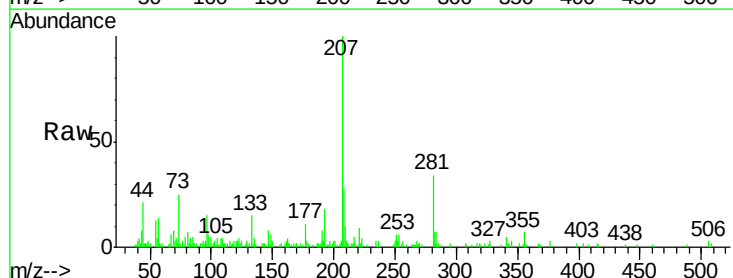
RT: 24.19 min Scan# 3634

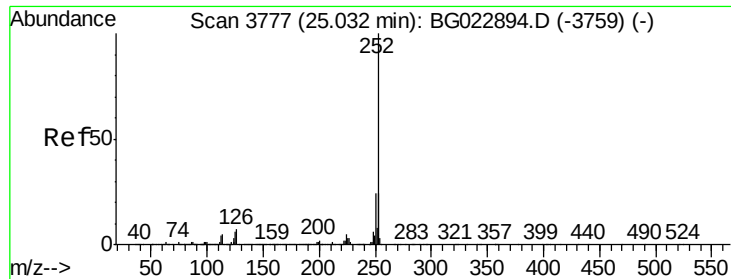
Delta R.T. 0.00 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Tgt Ion:	252	Resp:	274
Ion	Ratio	Lower	Upper
252	100		
253	218.0	18.8	28.2#
125	100.7	3.2	4.8#





#89

Benzo(a)pyrene

Concen: 30.62 ng

RT: 25.04 min Scan# 3779

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

Instrument :

BNA_G

ClientSampled :

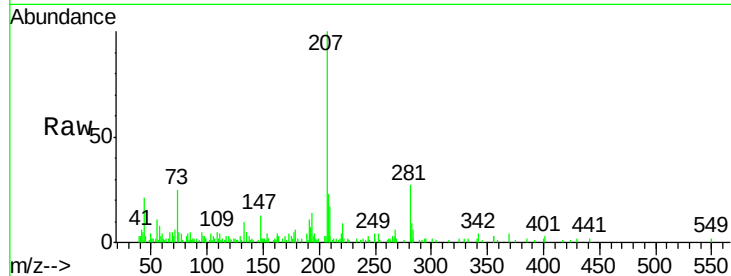
Tot Ion:252 Resp: 276

Ion Ratio Lower Upper

252 100

253 0.0 18.7 28.1#

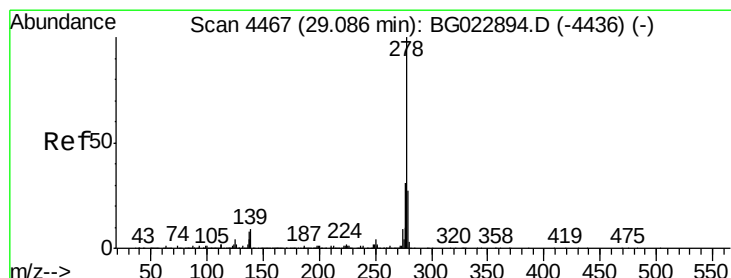
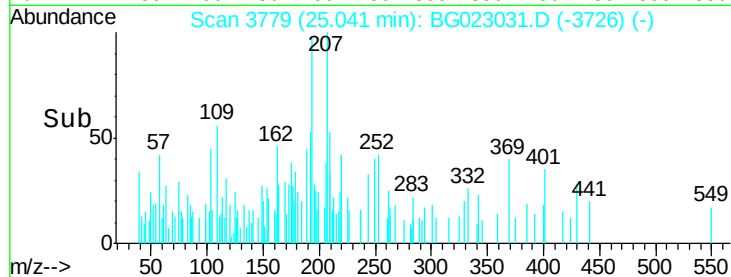
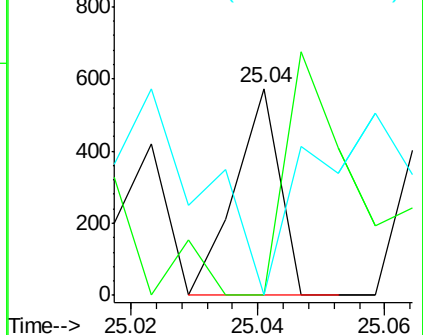
125 0.0 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 9.84 ng

RT: 29.09 min Scan# 4469

Delta R.T. 0.01 min

Lab File: BG023031.D

Acq: 12 Jul 2016 11:25

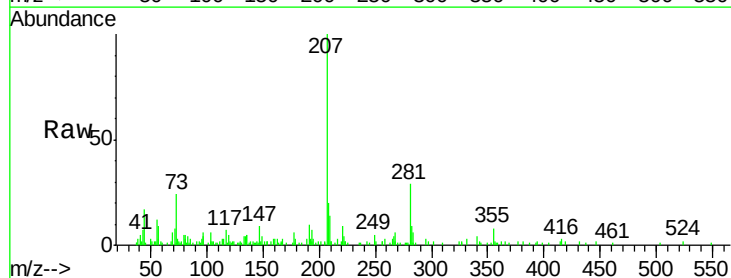
Tgt Ion:278 Resp: 88

Ion Ratio Lower Upper

278 100

139 107.6 4.7 7.1#

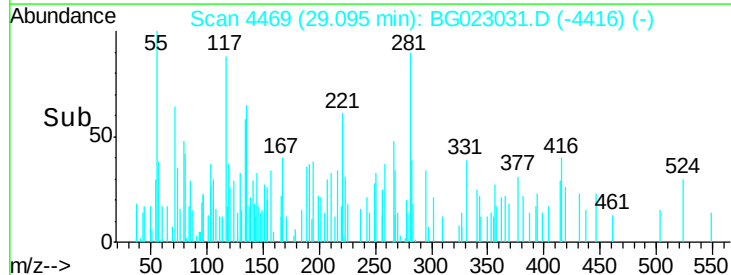
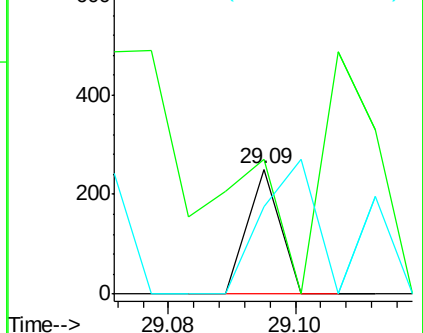
279 70.1 18.3 27.5#

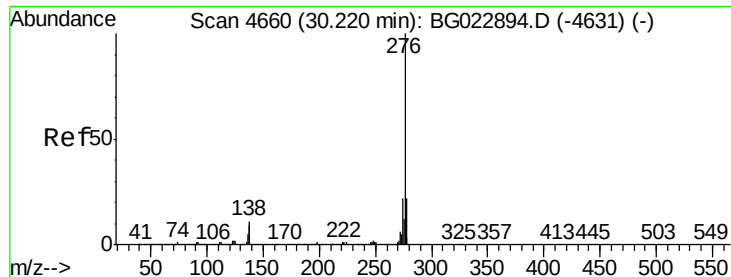


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 6.81 ng
 RT: 30.25 min Scan# 4666
 Delta R.T. 0.03 min
 Lab File: BG023031.D
 Acq: 12 Jul 2016 11:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	27.8#
138	0.0	6.8	10.2#

