

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020615\
 Data File : BG015977.D
 Acq On : 6 Feb 2015 19:58
 Operator : TP/IZ
 Sample : SSTD16001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 06 22:35:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 06 22:23:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	157087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	743662	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	448124	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	906588	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	800931	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	898182	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	220053	50.99	ng/uL	0.00
5) Phenol-d5	6.81	99	2166541	149.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	1274715	140.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	1652079	151.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	1753639	152.69	ng/ul	0.02
19) Nitrobenzene-d5	8.79	128	894427	189.75	ng/ul	0.01
22) 2-Nitrophenol-d4	9.50	143	965772	223.88	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.04	165	1519586	151.24	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	1493868	123.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	3290278	112.60	ng/ul	0.01
46) Acenaphthylene-d8	13.97	160	4013344	102.23	ng/ul	0.01
51) 4-Nitrophenol-d4	14.53	143	1058508	202.95	ng/ul	0.03
57) Fluorene-d10	15.28	176	3060696	108.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	841390	256.73	ng/ul	0.02
70) Anthracene-d10	17.14	188	3934343	97.43	ng/ul	0.01
76) Pyrene-d10	19.44	212	3892470	109.20	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.33	264	4544137	118.34	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	260789	56.55	ng/uL	96
4) Benzaldehyde	6.77	77	560976	114.55	ng/ul	98
6) Phenol	6.84	94	2169484	143.95	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.06	93	1692045	142.24	ng/ul	93
10) 2-Chlorophenol	7.19	128	1619722	142.50	ng/ul	94
11) 2-Methylphenol	8.08	108	1697561	150.16	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	2399310	135.41	ng/ul#	92
14) Acetophenone	8.45	105	2233795	136.34	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.46	70	1477461	131.64	ng/ul	99
16) 4-Methylphenol	8.42	108	1843141	147.07	ng/ul	100
17) Hexachloroethane	8.69	117	653116	142.52	ng/ul	97
20) Nitrobenzene	8.83	77	1962012	156.61	ng/ul#	89
21) Isophorone	9.36	82	3497119	117.44	ng/ul#	84
23) 2-Nitrophenol	9.53	139	999124	201.52	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	1930726	132.56	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.84	93	2151610	124.61	ng/ul	91
27) 2,4-Dichlorophenol	10.07	162	1431328	143.61	ng/ul	95
28) Naphthalene	10.46	128	3887559	103.42	ng/ul#	82
30) 4-Chloroaniline	10.58	127	1474398	122.84	ng/ul	97
31) Hexachlorobutadiene	10.74	225	732283	136.43	ng/ul	94
32) Caprolactam	11.38	113	491817	88.17	ng/ul	98
33) 4-Chloro-3-methylphenol	11.73	107	1893407	142.61	ng/ul	95
34) 2-Methylnaphthalene	12.08	142	3046695	113.70	ng/ul	93

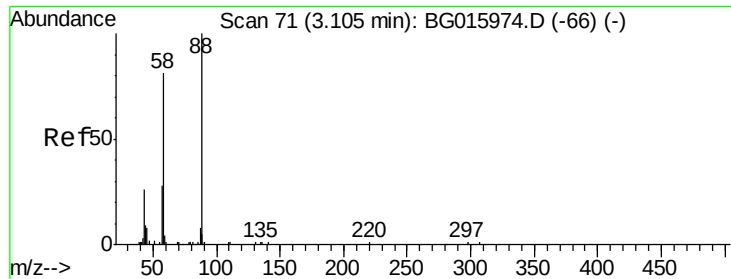
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020615\
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 Acq On : 6 Feb 2015 19:58
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 06 22:23:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	1412976	128.01	ng/ul	97
37) Hexachlorocyclopentadiene	12.43	237	875040	179.45	ng/ul	93
38) 2,4,6-Trichlorophenol	12.71	196	1019575	172.25	ng/ul	97
39) 2,4,5-Trichlorophenol	12.71	196	1019575	153.76	ng/ul	87
40) 1,1'-Biphenyl	13.11	154	3339684	101.04	ng/ul#	74
41) 2-Chloronaphthalene	13.15	162	2873604	115.68	ng/ul#	84
42) 2-Nitroaniline	13.37	65	1398527	216.39	ng/ul	95
44) Dimethylphthalate	13.75	163	3316016	104.78	ng/ul#	85
45) 2,6-Dinitrotoluene	13.87	165	1037954	237.47	ng/ul	95
47) Acenaphthylene	14.00	152	3822283	90.97	ng/ul#	64
48) 3-Nitroaniline	14.20	138	1085285	184.77	ng/ul#	96
49) Acenaphthene	14.35	153	3052003	106.74	ng/ul#	90
50) 2,4-Dinitrophenol	14.42	184	529340	398.63	ng/ul#	87
52) 4-Nitrophenol	14.54	109	672614	187.85	ng/ul	99
53) Dibenzofuran	14.69	168	3585504	96.14	ng/ul#	68
54) 2,4-Dinitrotoluene	14.67	165	1390957	227.33	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.03	232	4268	0.90	ng/ul	91
56) Diethylphthalate	15.13	149	3526790	105.34	ng/ul#	78
58) Fluorene	15.34	166	3088426	95.33	ng/ul#	97
59) 4-Chlorophenyl-phenylether	15.33	204	1674025	111.36	ng/ul	92
60) 4-Nitroaniline	15.39	138	1334165	177.49	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.44	198	871583	237.10	ng/ul#	93
64) N-Nitrosodiphenylamine	15.55	169	2993389	105.82	ng/ul#	82
65) 4-Bromophenyl-phenylether	16.23	248	1165940	127.30	ng/ul	98
66) Hexachlorobenzene	16.34	284	1257291	128.18	ng/ul	95
67) Atrazine	16.52	200	1242411	132.46	ng/ul	99
68) Pentachlorophenol	16.69	266	680210	238.45	ng/ul	97
69) Phenanthrene	17.08	178	4146969	88.47	ng/ul#	61
71) Anthracene	17.17	178	3988593	82.55	ng/ul#	58
72) Carbazole	17.44	167	4166593	103.75	ng/ul#	61
73) Di-n-butylphthalate	18.01	149	4213905	74.66	ng/ul#	65
74) Fluoranthene	19.10	202	4129111	94.65	ng/ul#	63
77) Pyrene	19.47	202	3961190	87.14	ng/ul#	56
78) Butylbenzylphthalate	20.37	149	2626452	119.05	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.15	252	1694579	124.27	ng/ul	92
80) Benzo(a)anthracene	21.22	228	4064884	96.18	ng/ul#	60
81) Bis(2-ethylhexyl)phthalate	21.14	149	2880430	98.49	ng/ul#	69
82) Chrysene	21.27	228	3665518	90.31	ng/ul#	57
84) Di-n-octyl phthalate	22.02	149	4394825	98.10	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	4831448	101.76	ng/ul#	75
86) Benzo(k)fluoranthene	22.85	252	4214194	92.23	ng/ul#	67
88) Benzo(a)pyrene	23.38	252	4663671	99.30	ng/ul#	73
89) Indeno(1,2,3-cd)pyrene	25.75	276	6804681	120.03	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.77	278	5165386	109.89	ng/ul#	81
91) Benzo(g,h,i)perylene	26.45	276	6062754	125.17	ng/ul#	87

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



#2

1,4-Dioxane

Concen: 56.55 ng/uL

RT: 3.11 min Scan# 71

Delta R.T. 0.00 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

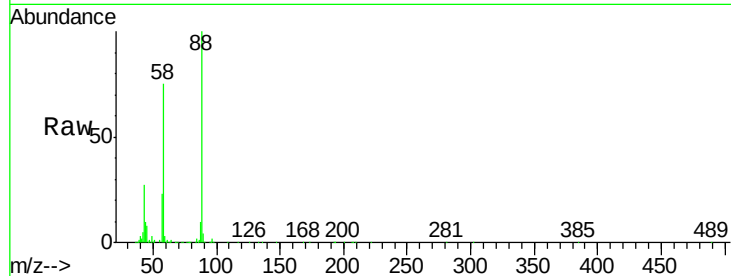
Tgt Ion: 88 Resp: 260789

Ion Ratio Lower Upper

88 100

43 27.1 21.1 31.7

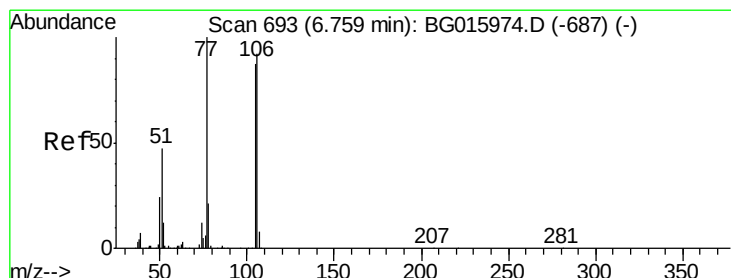
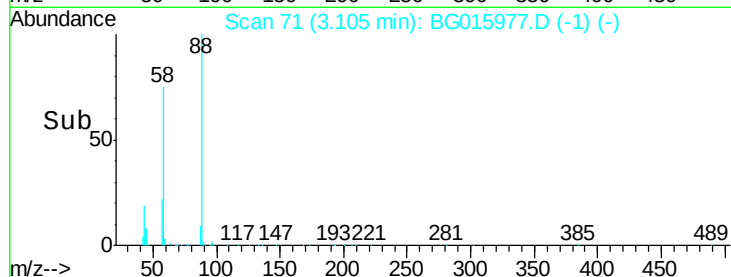
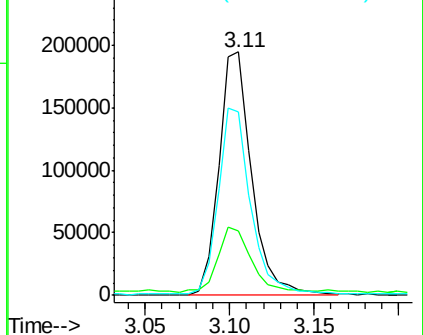
58 77.2 65.1 97.7



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 114.55 ng/uL

RT: 6.77 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

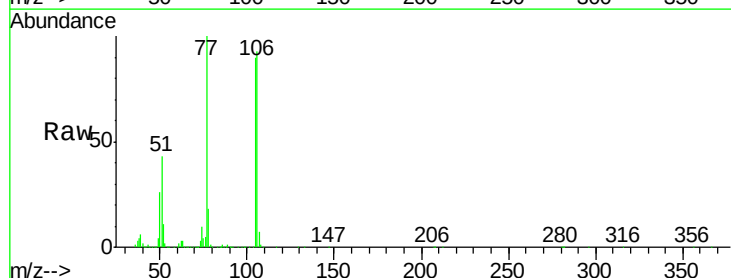
Tgt Ion: 77 Resp: 560976

Ion Ratio Lower Upper

77 100

105 90.2 69.7 104.5

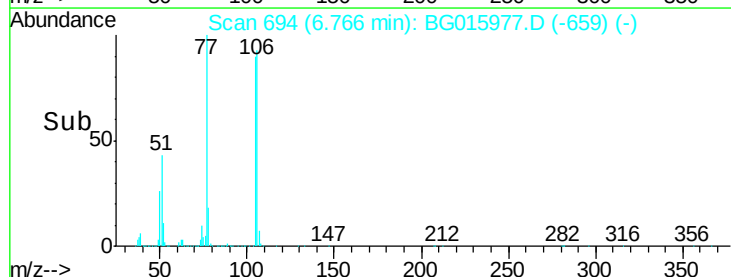
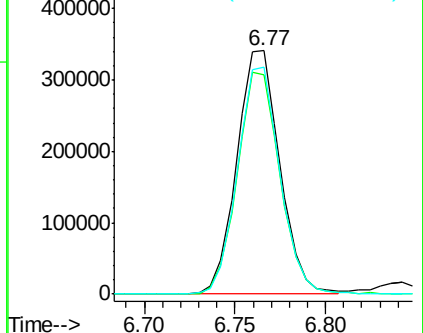
106 93.1 73.8 110.8

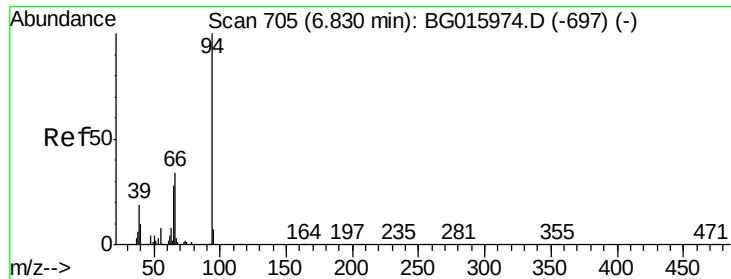


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 143.95 ng/ul

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

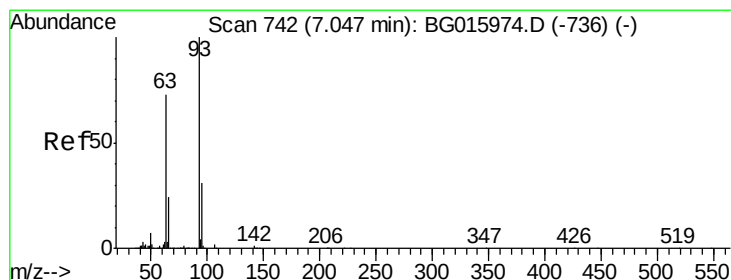
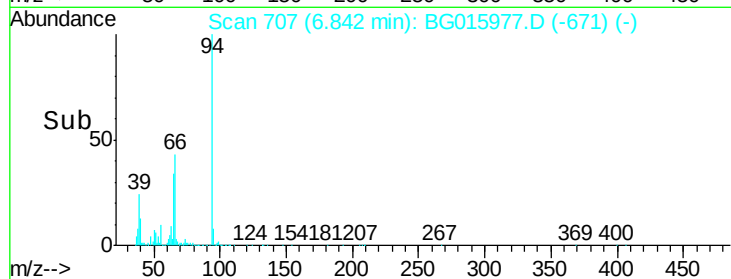
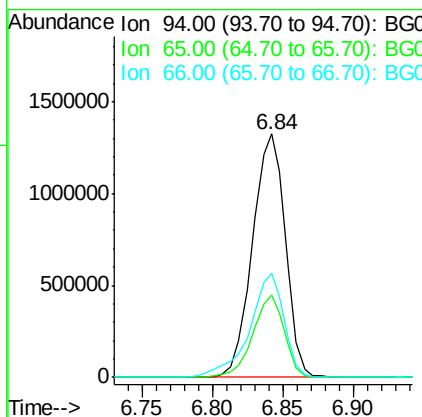
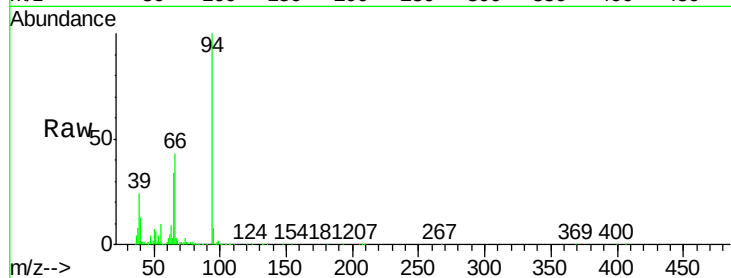
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 94 Resp: 2169484

Ion	Ratio	Lower	Upper
94	100		
65	33.9	22.6	34.0
66	42.5	28.2	42.2#



#8

Bis(2-Chloroethyl)ether

Concen: 142.24 ng/ul

RT: 7.06 min Scan# 744

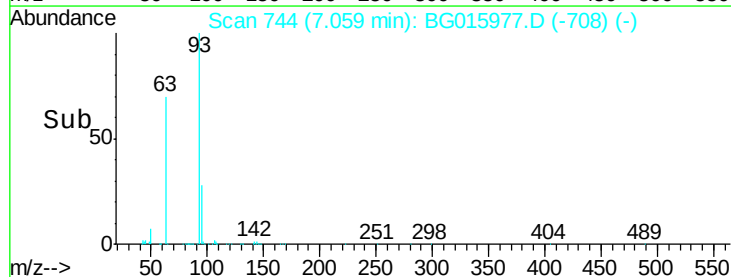
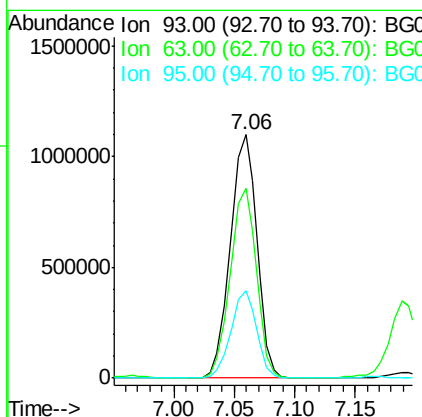
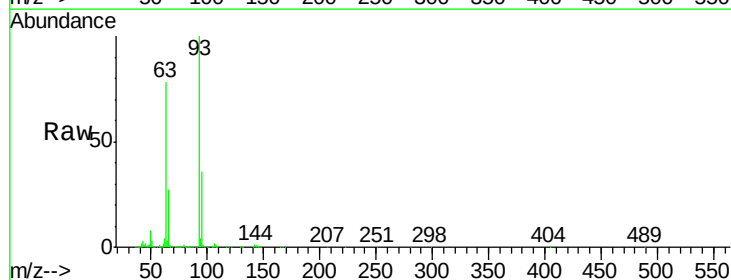
Delta R.T. 0.01 min

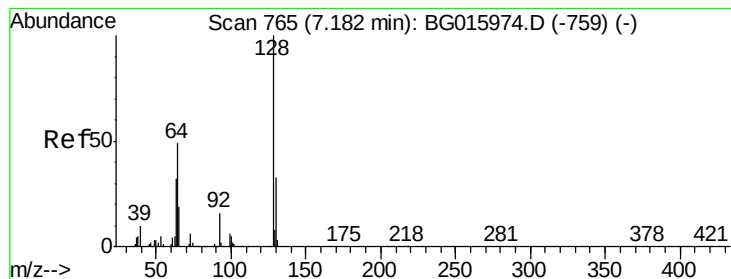
Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Tgt Ion: 93 Resp: 1692045

Ion	Ratio	Lower	Upper
93	100		
63	77.8	58.3	87.5
95	36.1	25.0	37.6





#10

2-Chlorophenol

Concen: 142.50 ng/ul

RT: 7.19 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

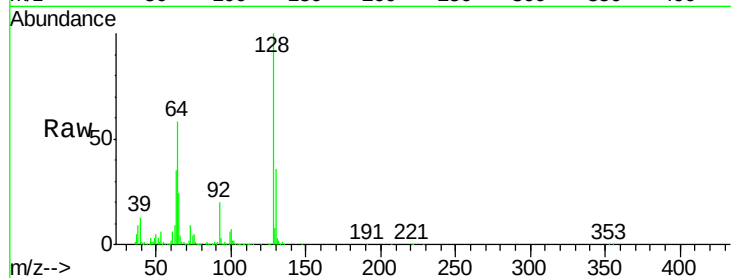
Tgt Ion:128 Resp: 1619722

Ion Ratio Lower Upper

128 100

64 58.3 42.6 64.0

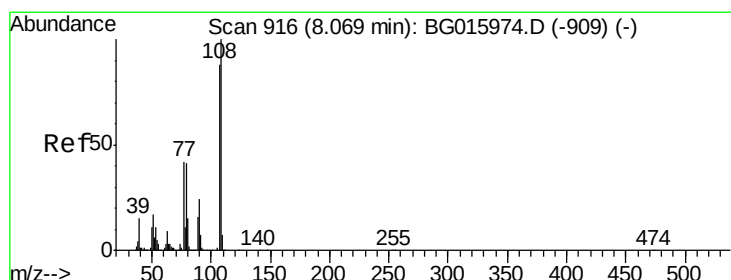
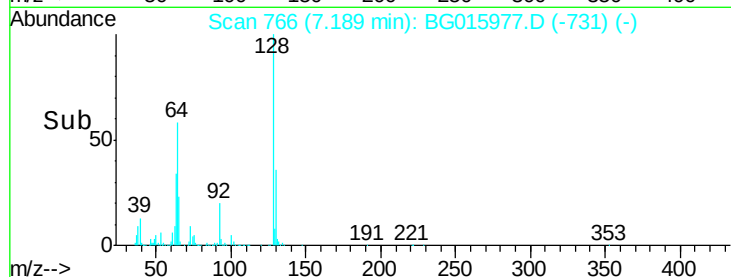
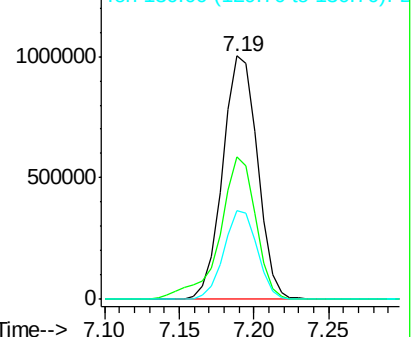
130 36.3 26.8 40.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG015977.D (-766) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 150.16 ng/ul

RT: 8.08 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG015977.D

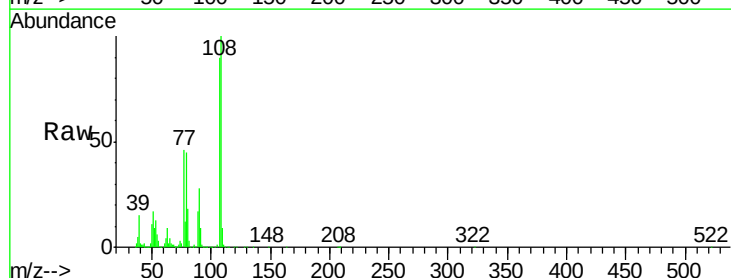
Acq: 6 Feb 2015 19:58

Tgt Ion:108 Resp: 1697561

Ion Ratio Lower Upper

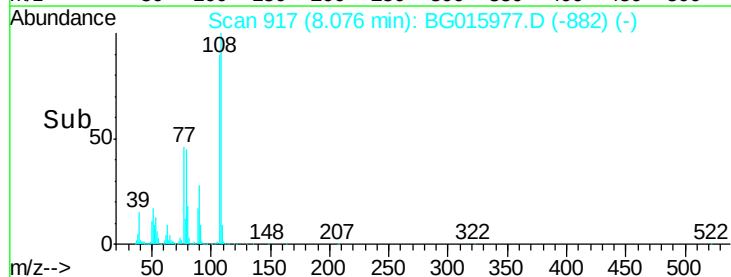
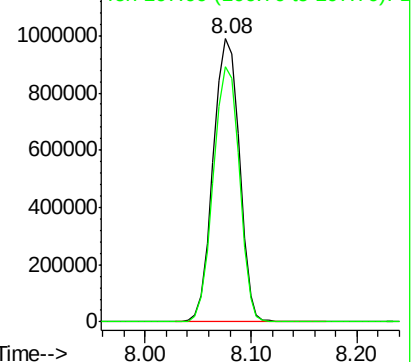
108 100

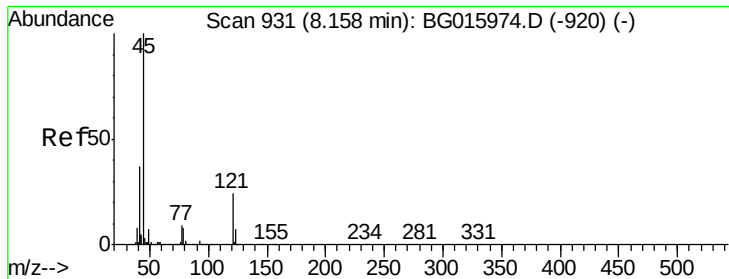
107 90.2 70.5 105.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 135.41 ng/ul

RT: 8.16 min Scan# 932

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

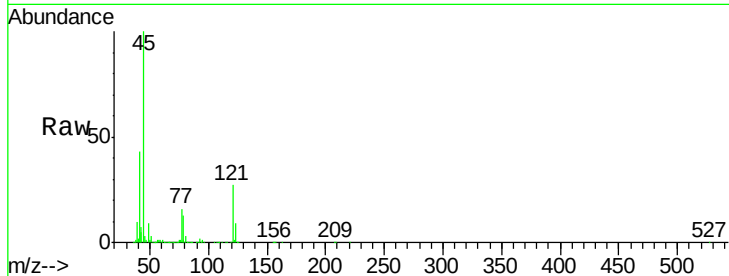
Tgt Ion: 45 Resp: 2399310

Ion Ratio Lower Upper

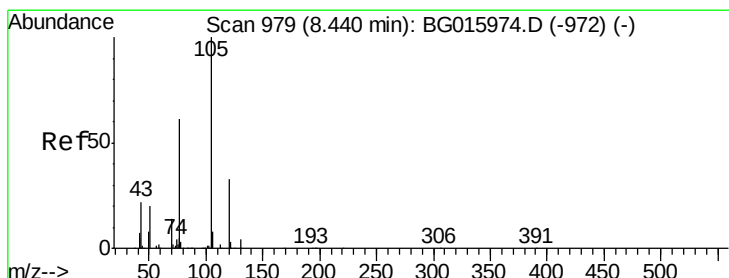
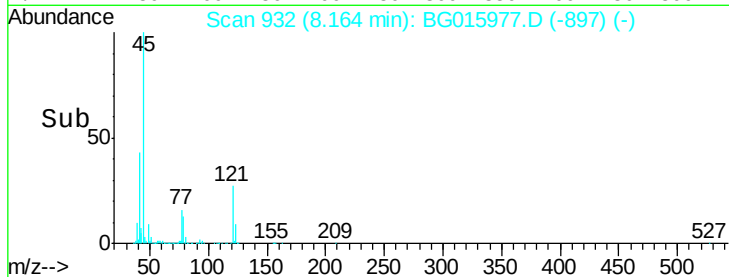
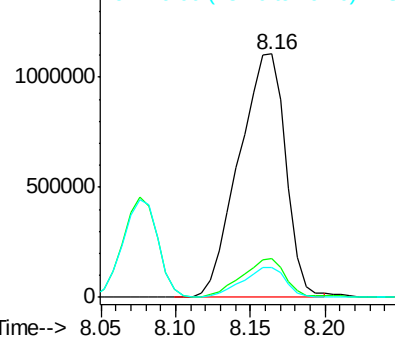
45 100

77 15.9 9.4 14.0#

79 12.5 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



#14

Acetophenone

Concen: 136.34 ng/ul

RT: 8.45 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

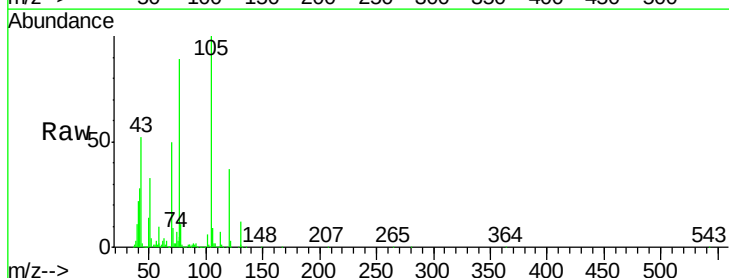
Tgt Ion:105 Resp: 2233795

Ion Ratio Lower Upper

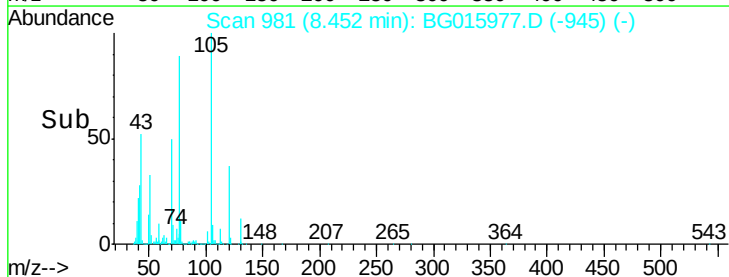
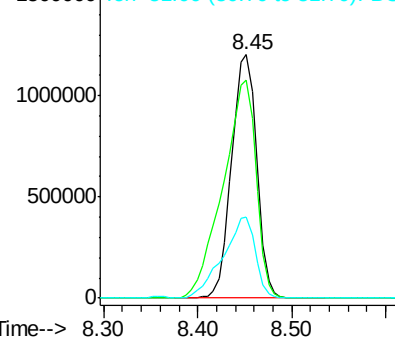
105 100

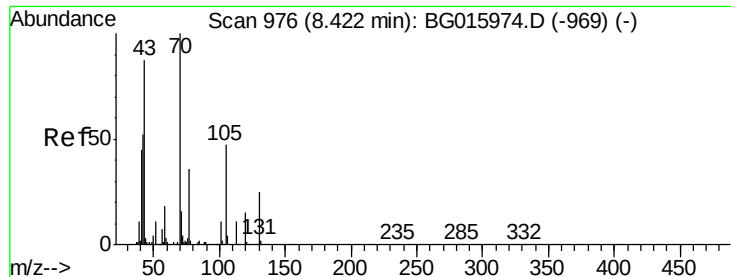
77 89.5 67.6 101.4

51 33.1 23.4 35.0



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 131.64 ng/ul

RT: 8.46 min Scan# 983

Delta R.T. 0.04 min

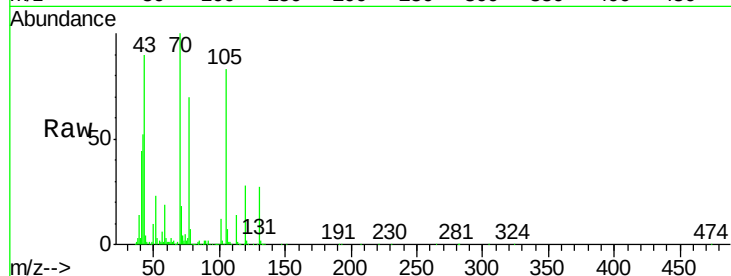
Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :



Tgt Ion: 70 Resp: 1477461

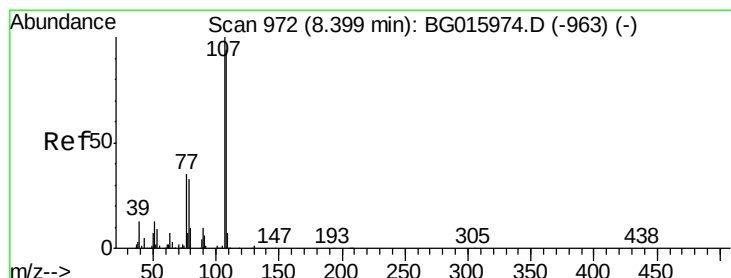
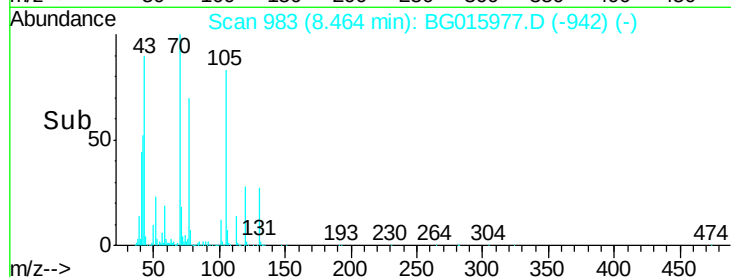
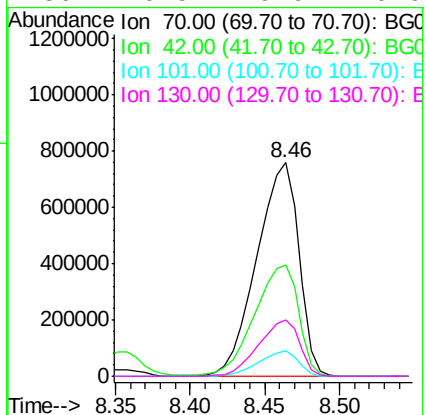
Ion Ratio Lower Upper

70 100

42 52.3 42.2 63.4

101 11.7 9.0 13.6

130 26.5 19.9 29.9



#16

4-Methylphenol

Concen: 147.07 ng/ul

RT: 8.42 min Scan# 976

Delta R.T. 0.02 min

Lab File: BG015977.D

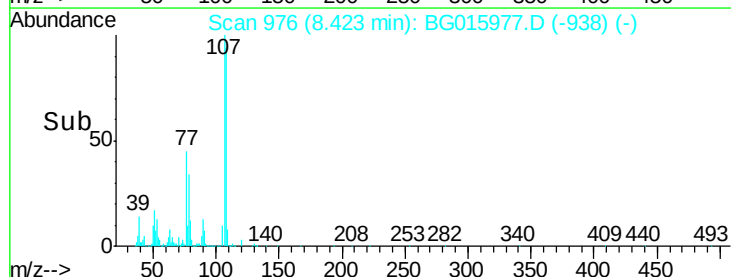
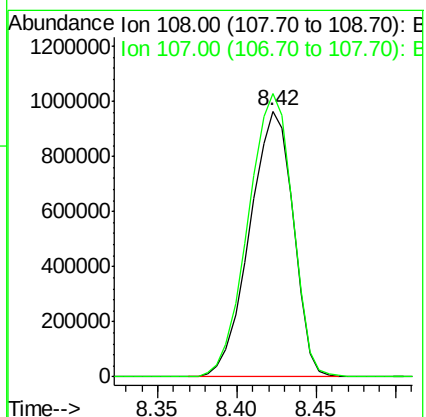
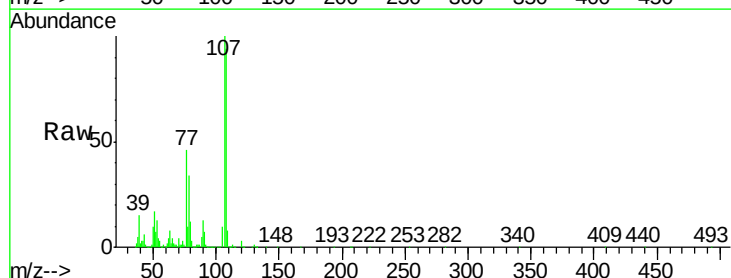
Acq: 6 Feb 2015 19:58

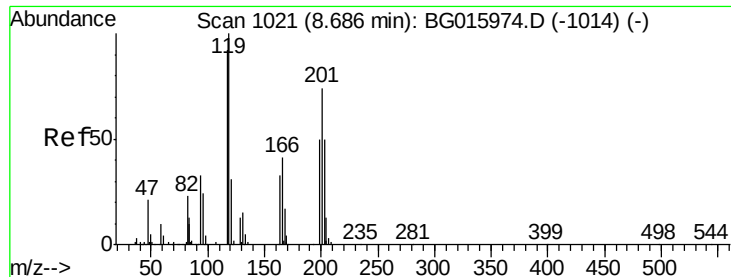
Tgt Ion: 108 Resp: 1843141

Ion Ratio Lower Upper

108 100

107 106.6 85.3 127.9





#17

Hexachloroethane

Concen: 142.52 ng/ul

RT: 8.69 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

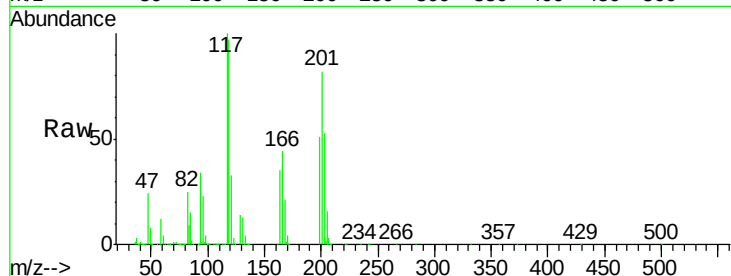
Tgt Ion:117 Resp: 653116

Ion Ratio Lower Upper

117 100

201 82.3 64.9 97.3

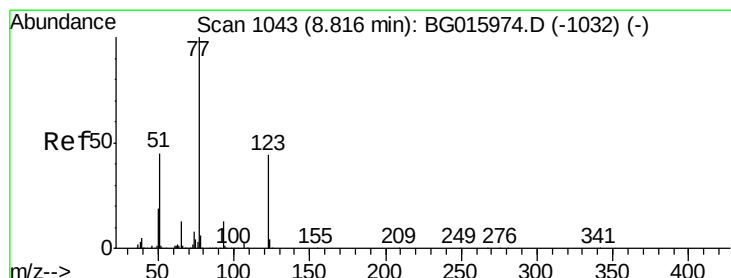
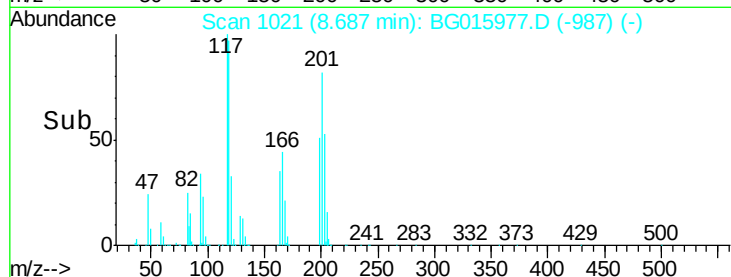
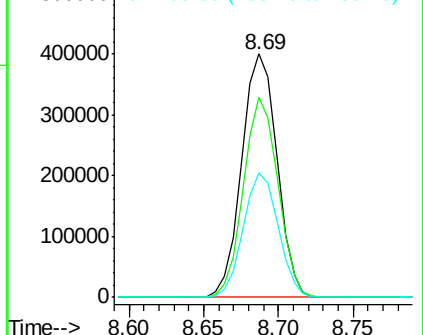
199 51.3 43.5 65.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 156.61 ng/ul

RT: 8.83 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

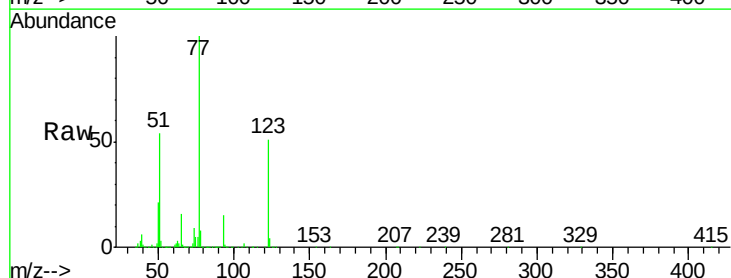
Tgt Ion: 77 Resp: 1962012

Ion Ratio Lower Upper

77 100

123 51.4 35.0 52.4

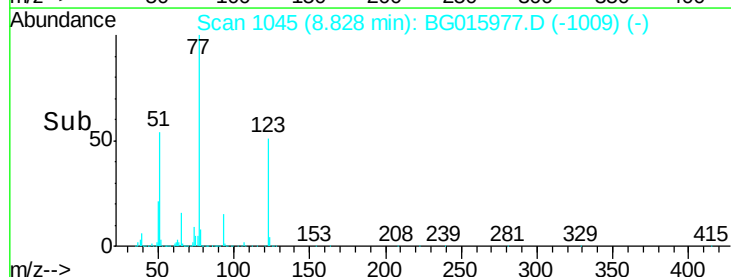
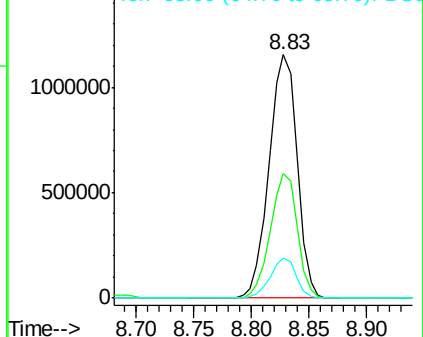
65 16.5 10.5 15.7#

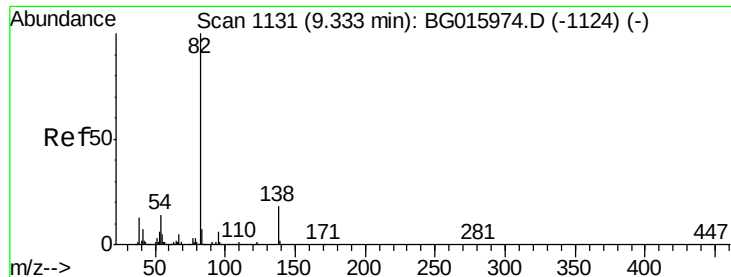


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 117.44 ng/ul

RT: 9.36 min Scan# 1135

Delta R.T. 0.02 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

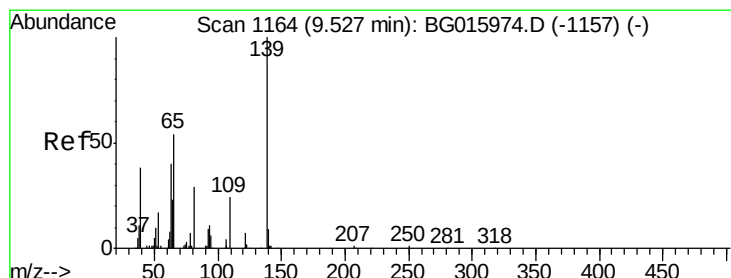
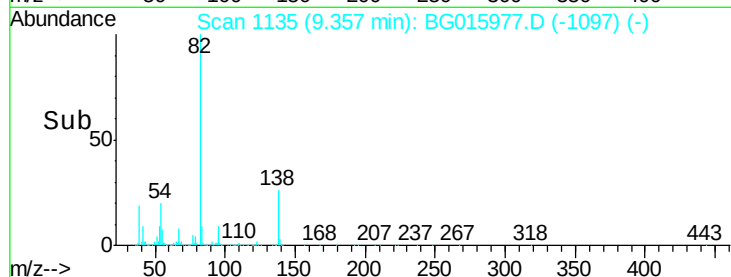
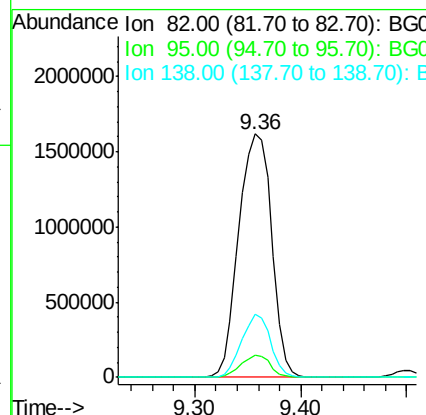
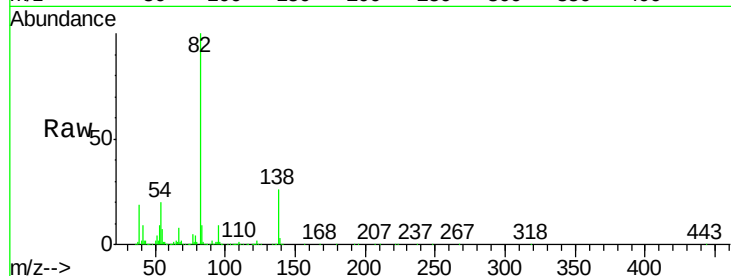
Tgt Ion: 82 Resp: 3497119

Ion Ratio Lower Upper

82 100

95 9.3 5.0 7.6#

138 25.9 14.1 21.1#



#23

2-Nitrophenol

Concen: 201.52 ng/ul

RT: 9.53 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

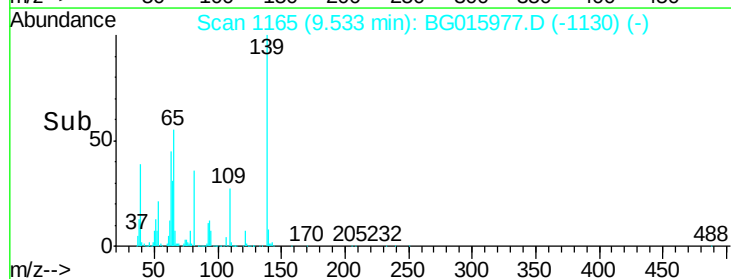
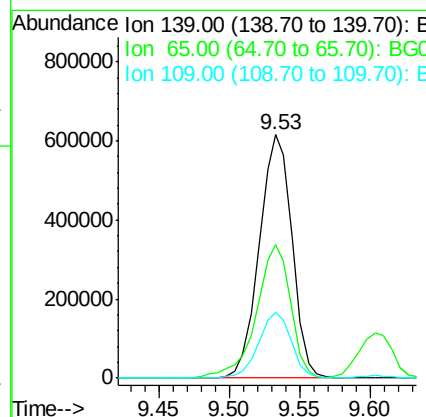
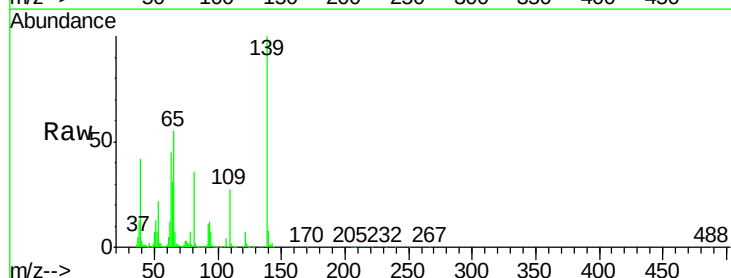
Tgt Ion: 139 Resp: 999124

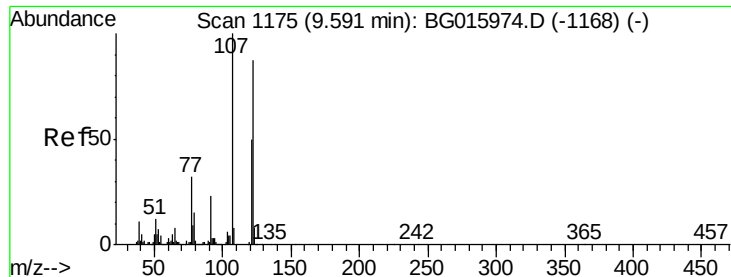
Ion Ratio Lower Upper

139 100

65 55.1 45.0 67.4

109 26.9 19.8 29.8





#24

2,4-Dimethylphenol

Concen: 132.56 ng/ul

RT: 9.60 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

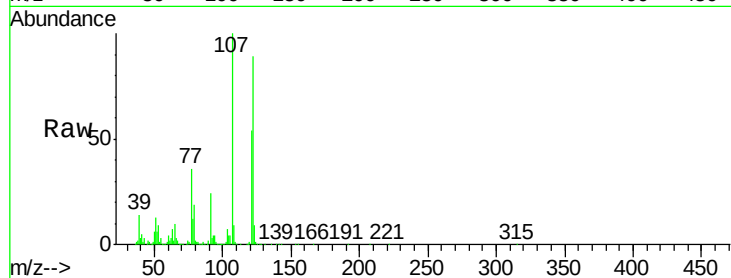
Tgt Ion:107 Resp: 1930726

Ion Ratio Lower Upper

107 100

121 53.7 40.2 60.2

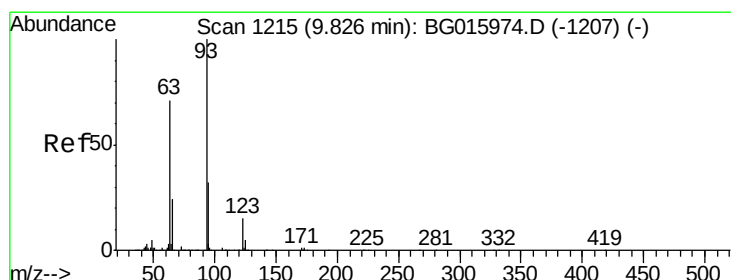
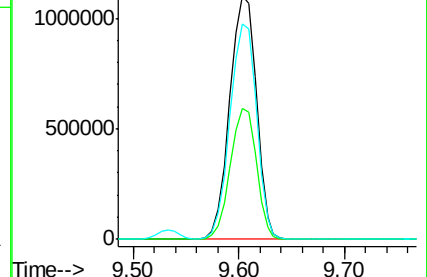
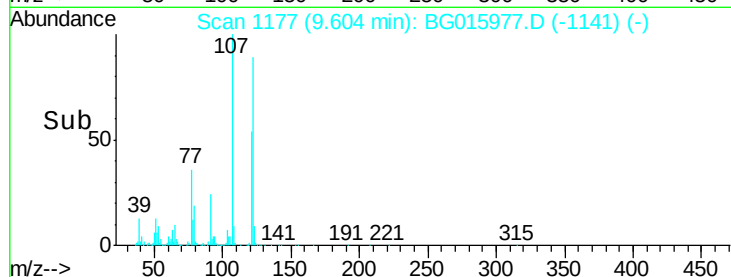
122 88.6 69.8 104.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 124.61 ng/ul

RT: 9.84 min Scan# 1217

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

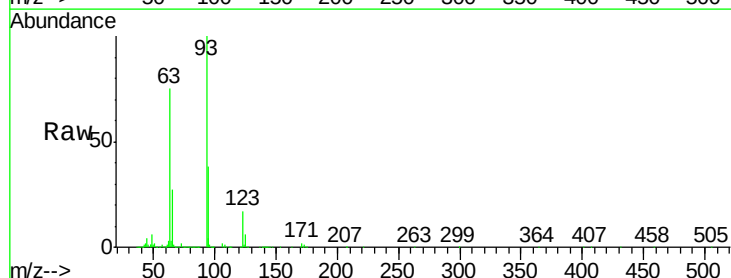
Tgt Ion: 93 Resp: 2151610

Ion Ratio Lower Upper

93 100

95 37.6 25.7 38.5

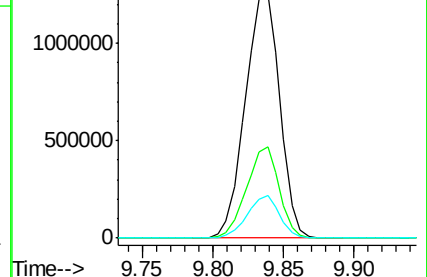
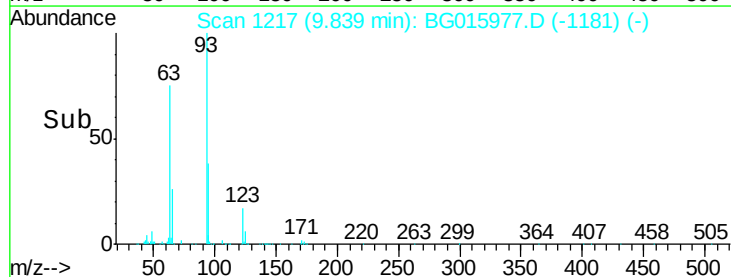
123 17.5 11.7 17.5

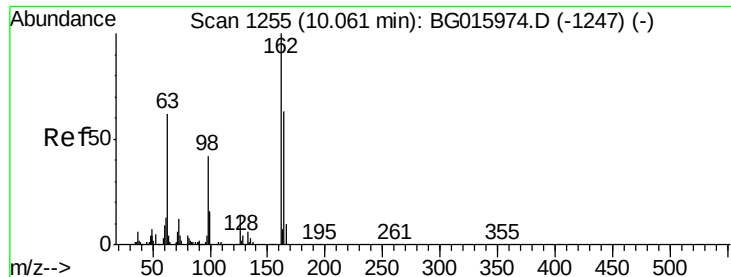


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

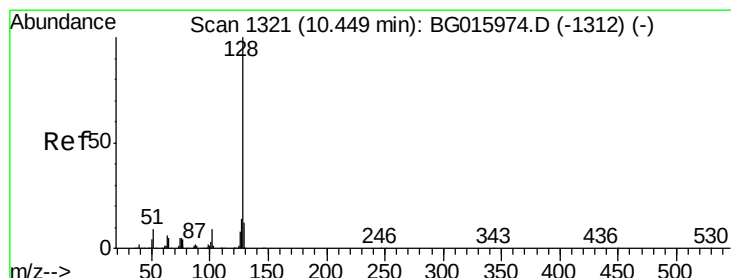
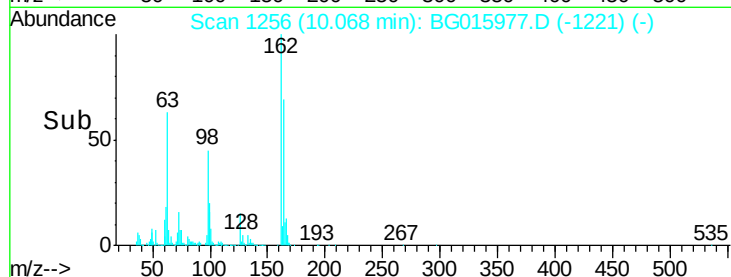
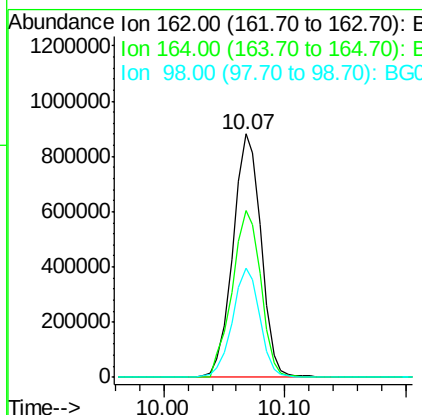
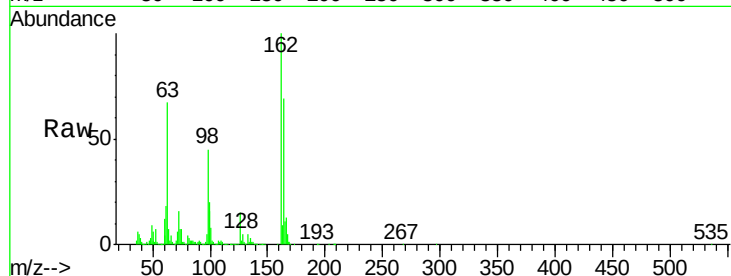




#27
2,4-Dichlorophenol
Concen: 143.61 ng/ul
RT: 10.07 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

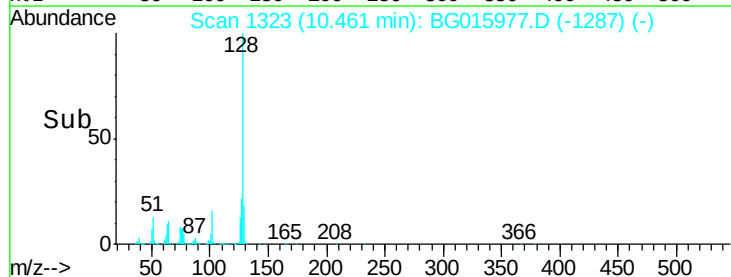
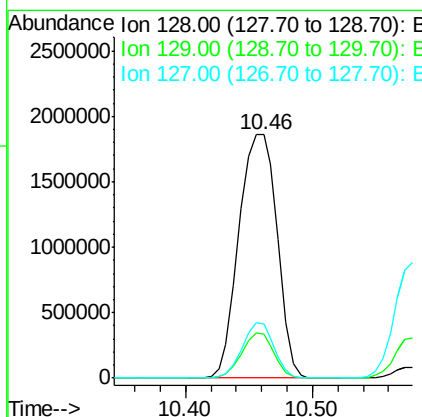
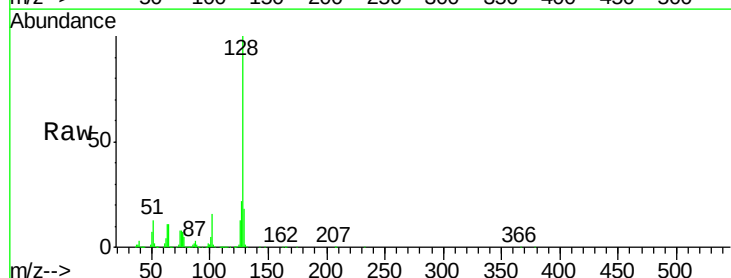
Instrument :
BNA_M
ClientSampled :

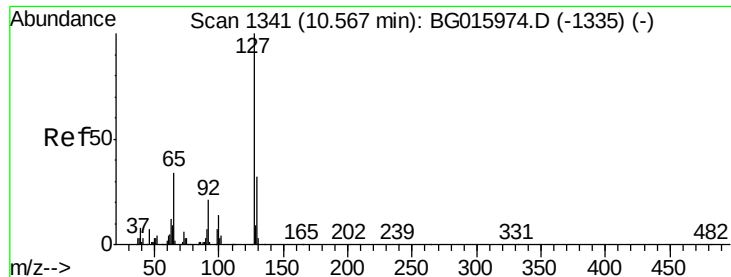
Tgt Ion:162 Resp: 1431328
Ion Ratio Lower Upper
162 100
164 68.5 51.0 76.4
98 45.0 34.1 51.1



#28
Naphthalene
Concen: 103.42 ng/ul
RT: 10.46 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

Tgt Ion:128 Resp: 3887559
Ion Ratio Lower Upper
128 100
129 18.0 9.3 13.9#
127 22.1 11.2 16.8#

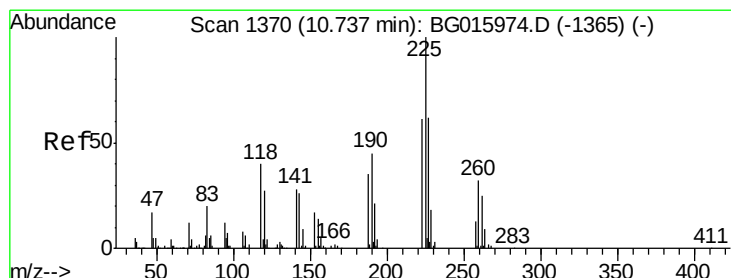
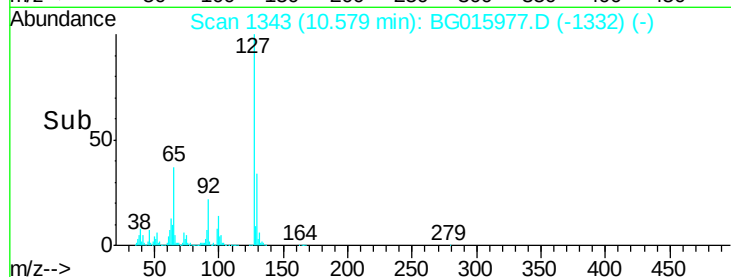
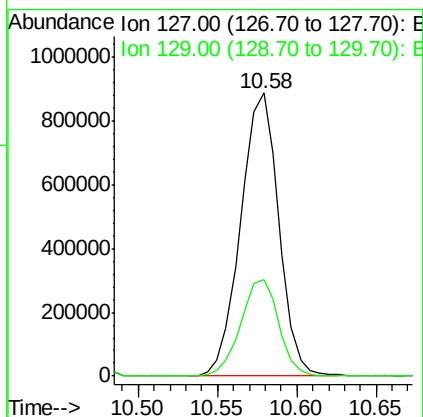
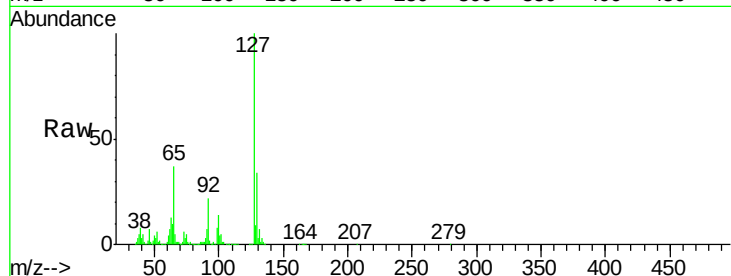




#30
4-Chloroaniline
Concen: 122.84 ng/ul
RT: 10.58 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

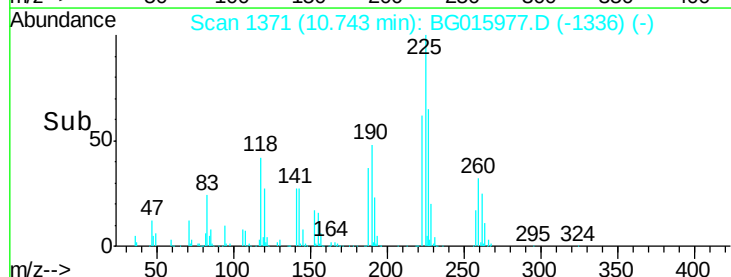
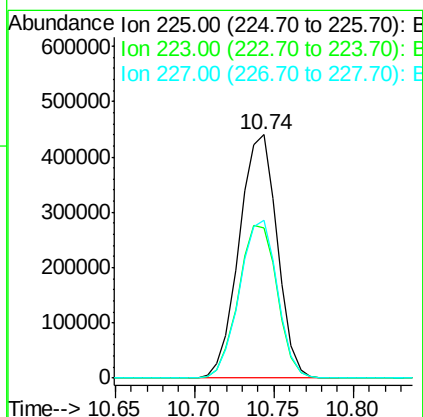
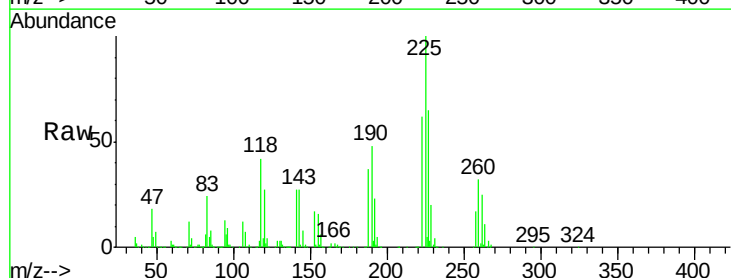
Instrument :
BNA_M
ClientSampled :

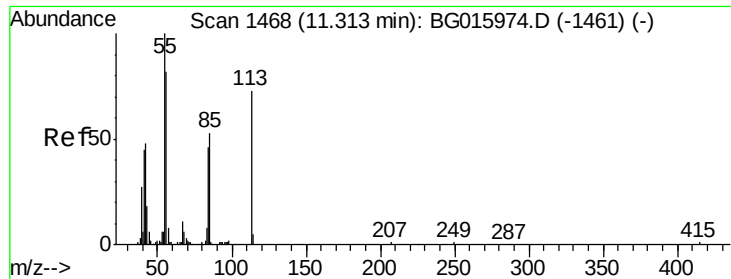
Tgt Ion:127 Resp: 1474398
Ion Ratio Lower Upper
127 100
129 34.2 25.8 38.8



#31
Hexachlorobutadiene
Concen: 136.43 ng/ul
RT: 10.74 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

Tgt Ion:225 Resp: 732283
Ion Ratio Lower Upper
225 100
223 61.8 46.7 70.1
227 64.7 47.4 71.0





#32

Caprolactam

Concen: 88.17 ng/ul

RT: 11.38 min Scan# 1480

Delta R.T. 0.07 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

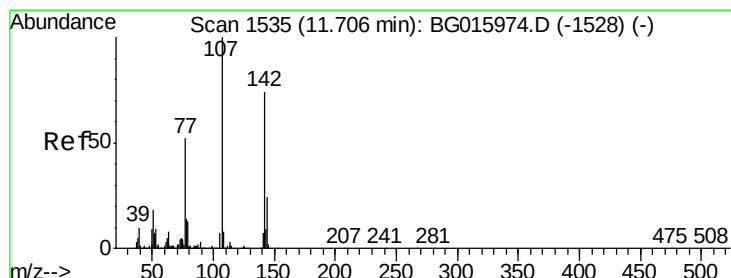
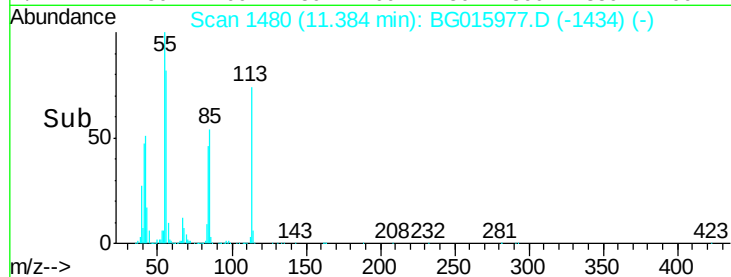
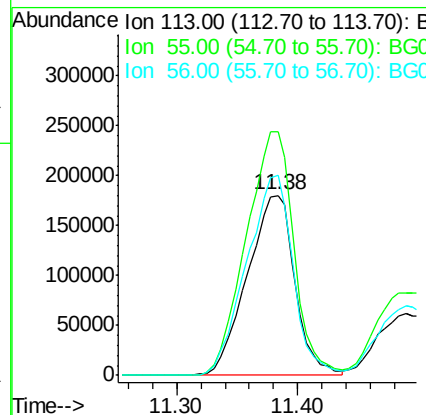
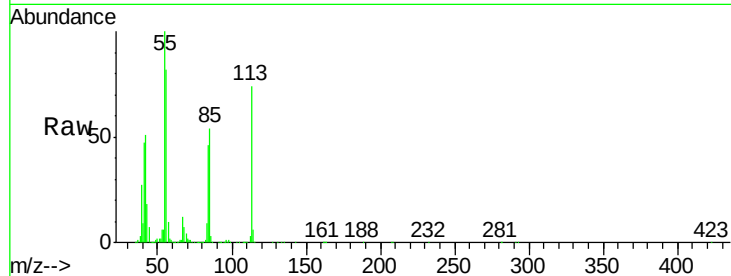
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:113 Resp: 491817

Ion	Ratio	Lower	Upper
113	100		
55	135.2	110.2	165.4
56	111.2	90.4	135.6



#33

4-Chloro-3-methylphenol

Concen: 142.61 ng/ul

RT: 11.73 min Scan# 1539

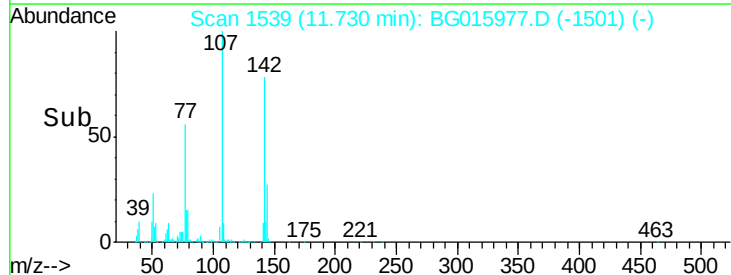
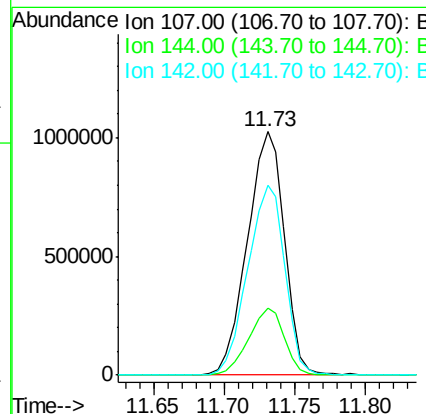
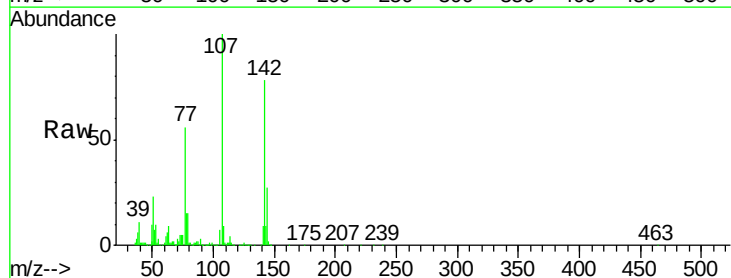
Delta R.T. 0.02 min

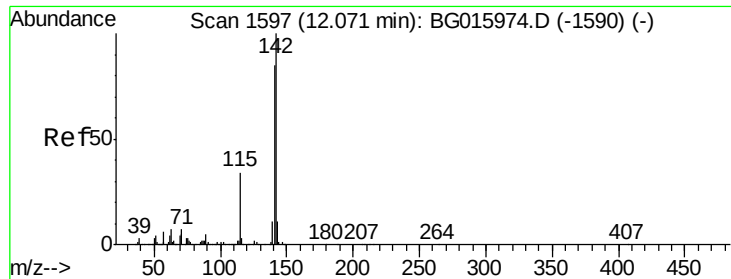
Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Tgt Ion:107 Resp: 1893407

Ion	Ratio	Lower	Upper
107	100		
144	27.4	19.3	28.9
142	78.0	59.1	88.7





#34

2-Methylnaphthalene

Concen: 113.70 ng/ul

RT: 12.08 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

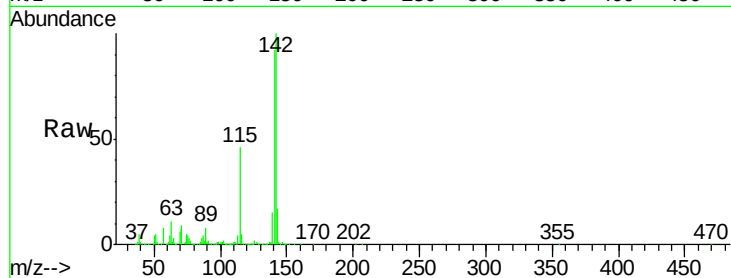
ClientSampleId :

Tgt Ion:142 Resp: 3046695

Ion Ratio Lower Upper

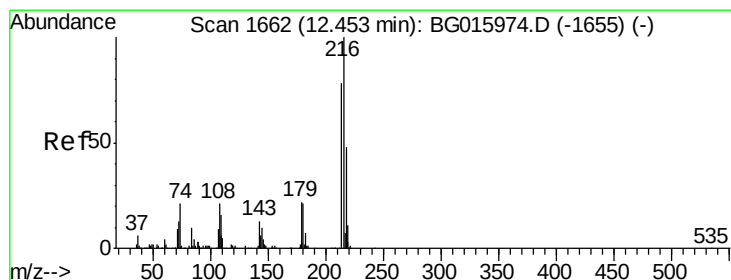
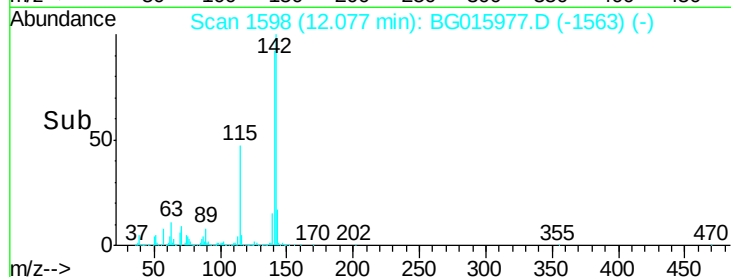
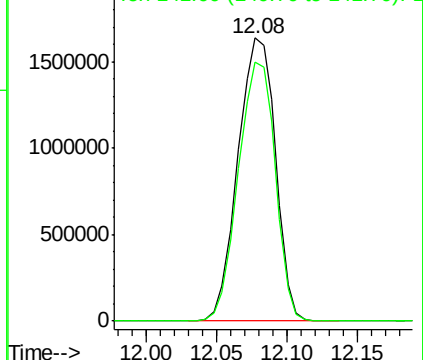
142 100

141 91.6 68.0 102.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 128.01 ng/ul

RT: 12.46 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Tgt Ion:216 Resp: 1412976

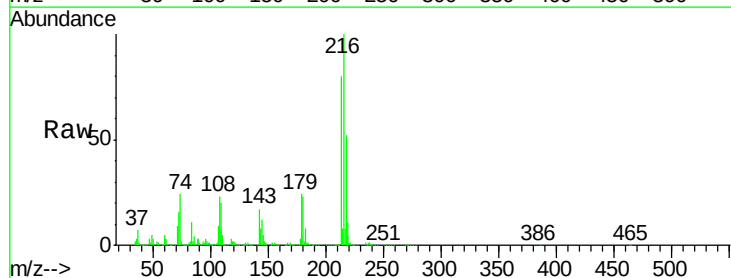
Ion Ratio Lower Upper

216 100

214 79.9 62.7 94.1

179 23.9 17.4 26.0

108 23.2 17.0 25.4

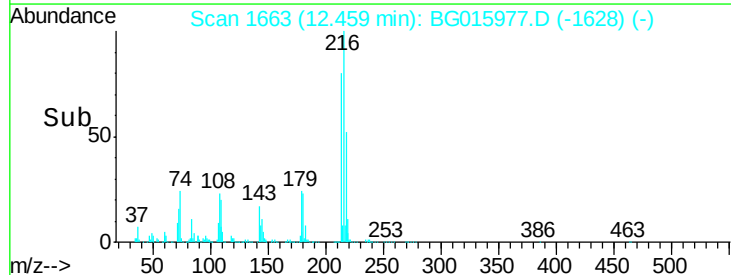
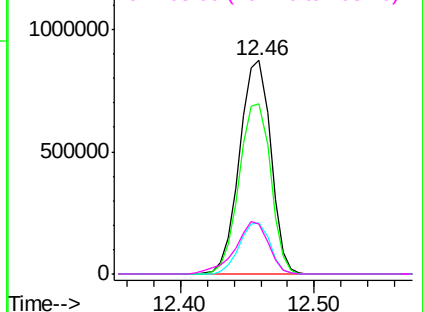


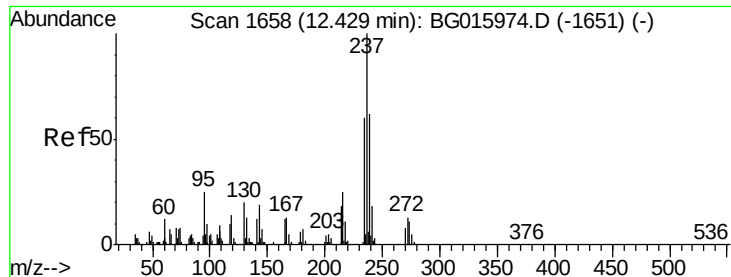
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 179.45 ng/ul

RT: 12.43 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

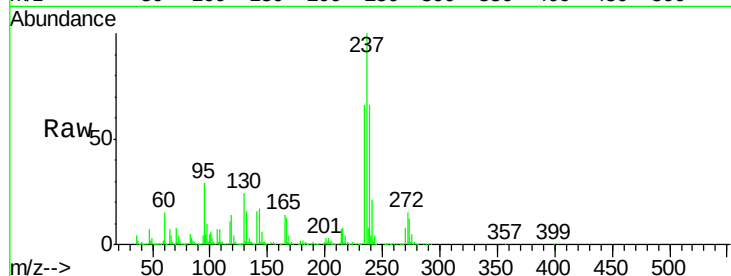
Tgt Ion:237 Resp: 875040

Ion Ratio Lower Upper

237 100

235 65.6 47.7 71.5

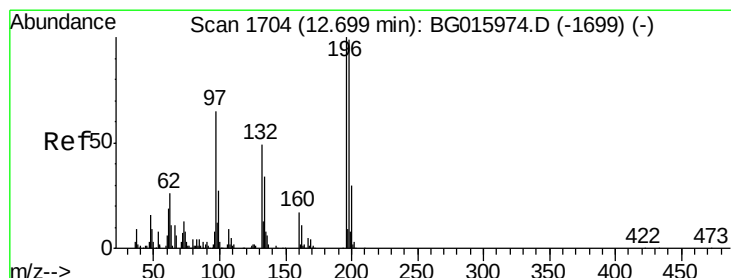
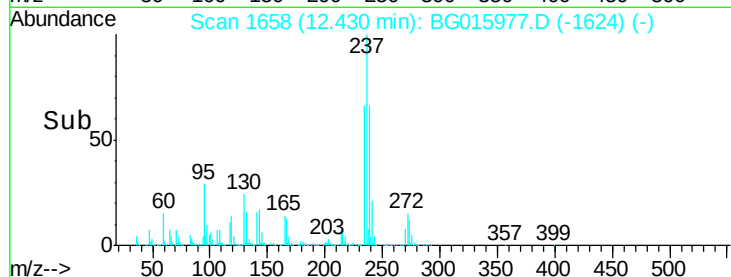
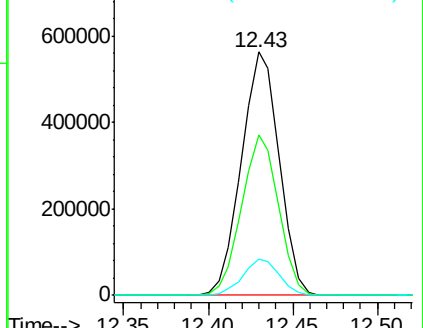
272 15.0 10.7 16.1



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 172.25 ng/ul

RT: 12.71 min Scan# 1705

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

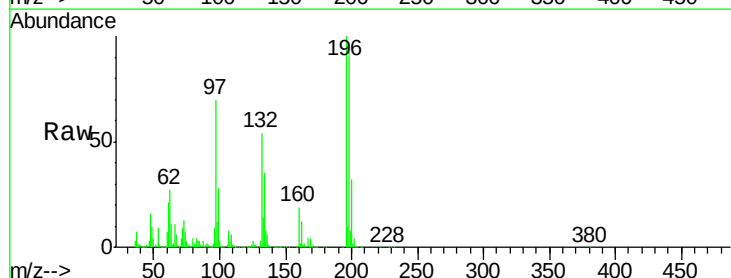
Tgt Ion:196 Resp: 1019575

Ion Ratio Lower Upper

196 100

198 96.9 79.4 119.0

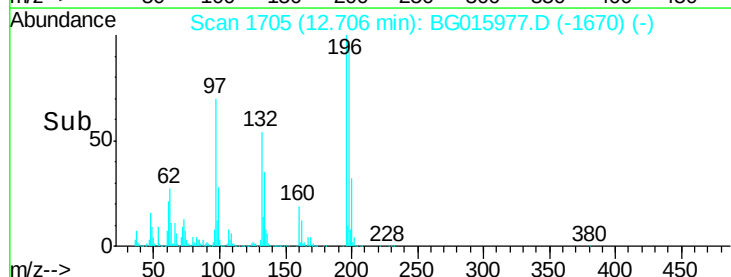
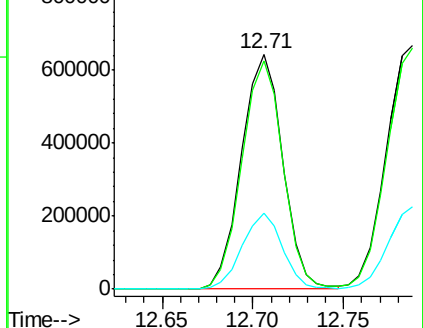
200 32.3 24.0 36.0

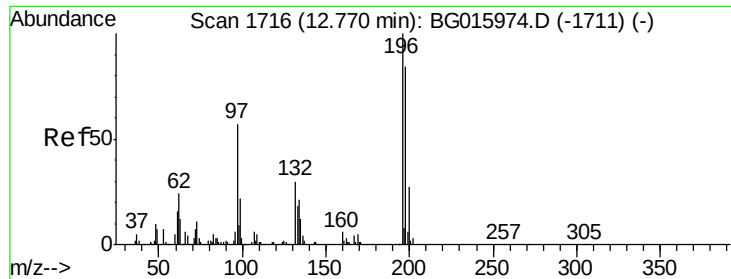


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

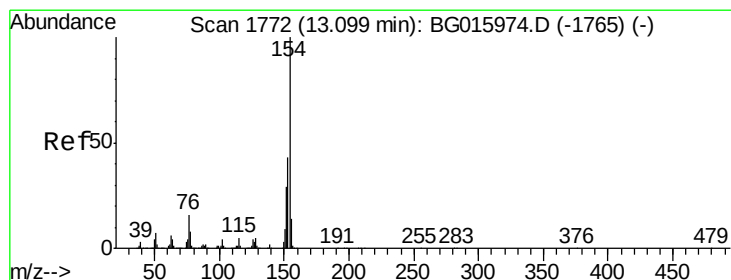
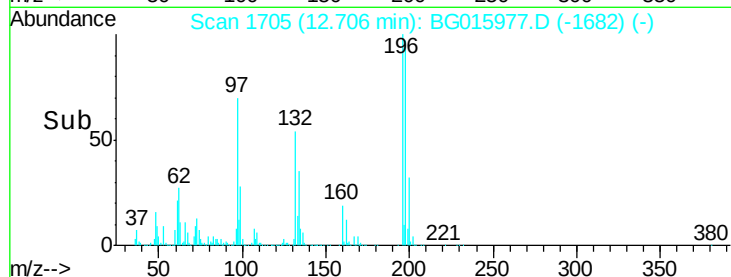
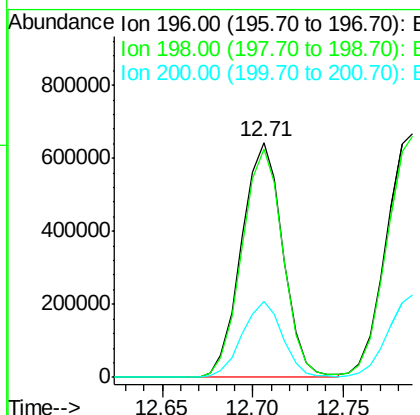
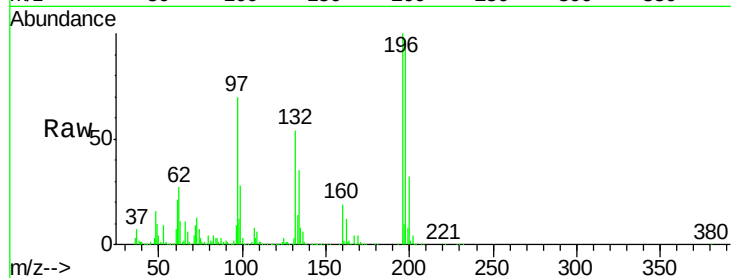




#39
 2,4,5-Trichlorophenol
 Concen: 153.76 ng/ul
 RT: 12.71 min Scan# 1705
 Delta R.T. -0.06 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

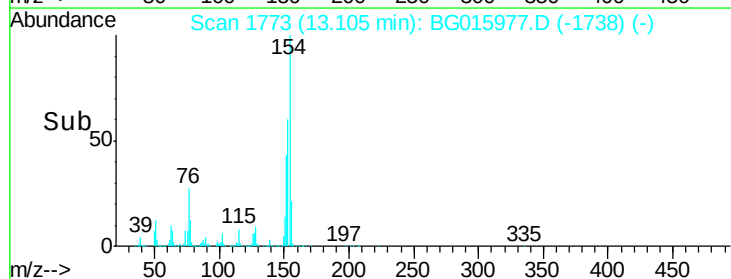
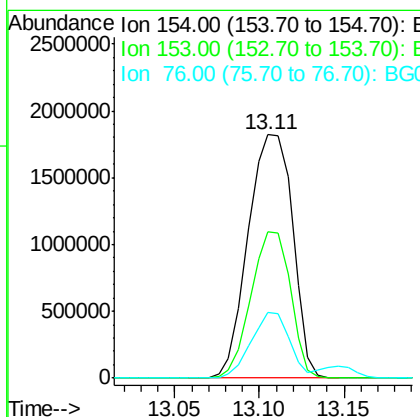
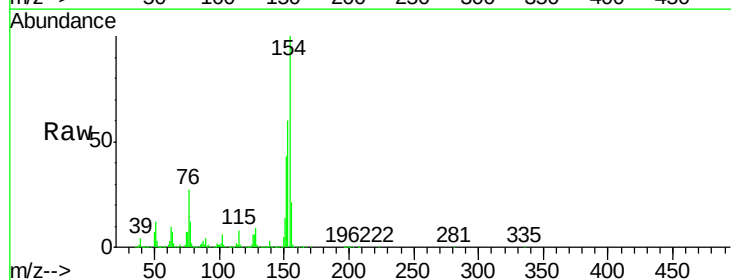
Instrument :
 BNA_M
 ClientSampled :

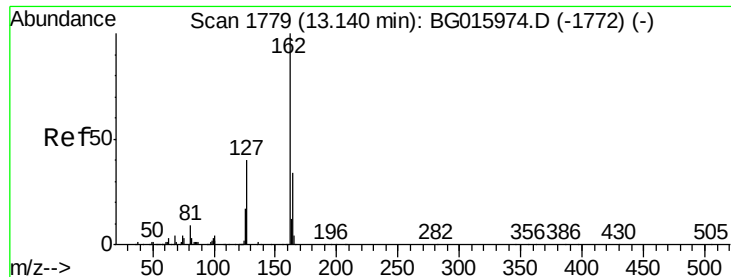
Tgt Ion:196 Resp: 1019575
 Ion Ratio Lower Upper
 196 100
 198 96.9 67.7 101.5
 200 32.3 21.7 32.5



#40
 1,1'-Biphenyl
 Concen: 101.04 ng/ul
 RT: 13.11 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

Tgt Ion:154 Resp: 3339684
 Ion Ratio Lower Upper
 154 100
 153 60.0 34.2 51.2#
 76 27.1 13.1 19.7#

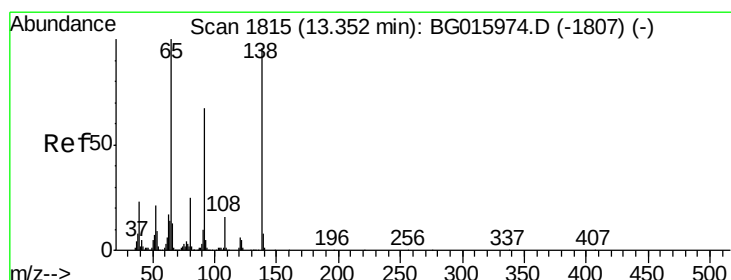
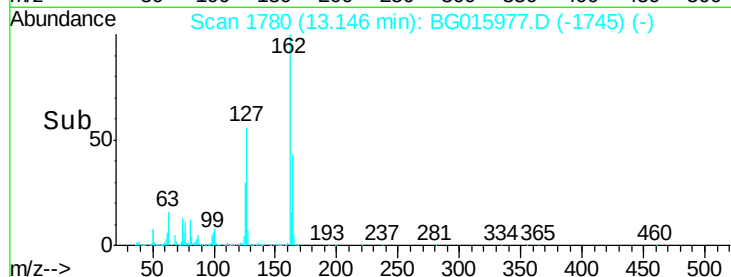
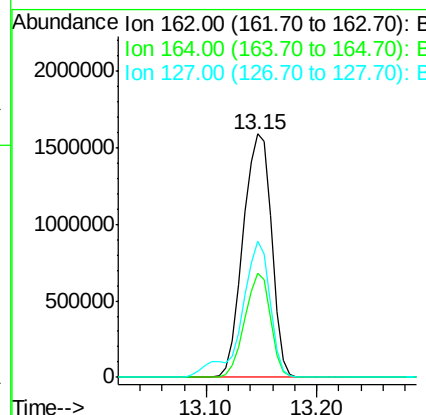
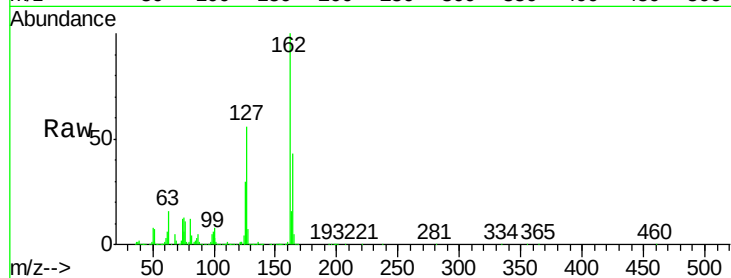




#41
 2-Chloronaphthalene
 Concen: 115.68 ng/ul
 RT: 13.15 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

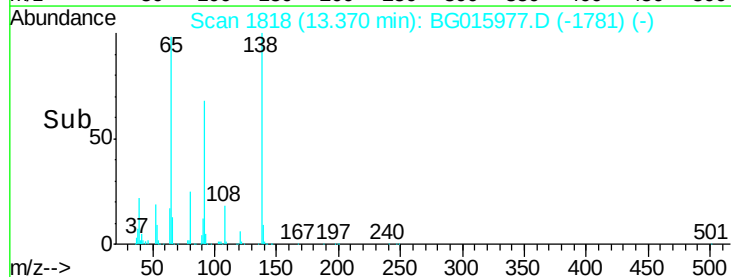
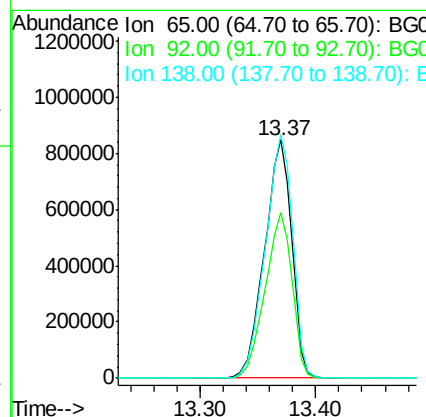
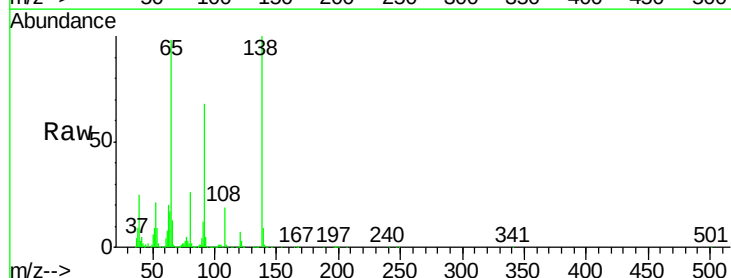
Instrument :
 BNA_M
 ClientSampleId :

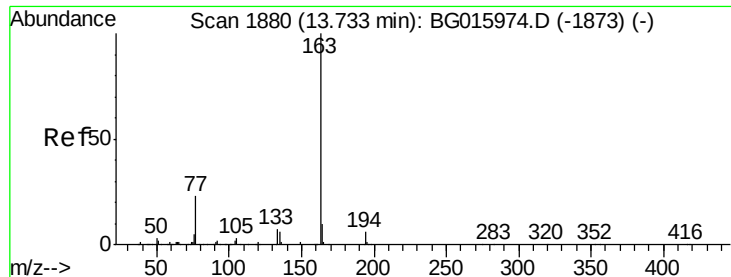
Tgt Ion:162 Resp: 2873604
 Ion Ratio Lower Upper
 162 100
 164 42.6 27.1 40.7#
 127 56.0 35.8 53.8#



#42
 2-Nitroaniline
 Concen: 216.39 ng/ul
 RT: 13.37 min Scan# 1818
 Delta R.T. 0.02 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

Tgt Ion: 65 Resp: 1398527
 Ion Ratio Lower Upper
 65 100
 92 69.4 53.8 80.6
 138 102.2 76.7 115.1





#44

Dimethylphthalate

Concen: 104.78 ng/ul

RT: 13.75 min Scan# 1883

Delta R.T. 0.02 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

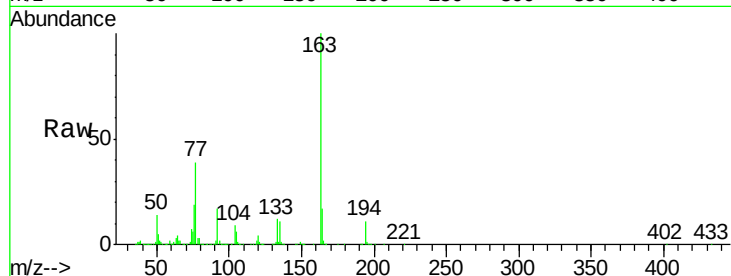
Tgt Ion:163 Resp: 3316016

Ion Ratio Lower Upper

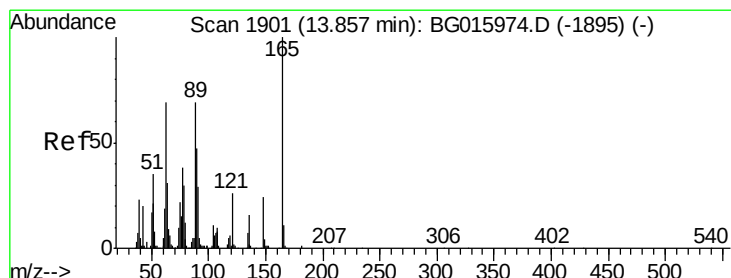
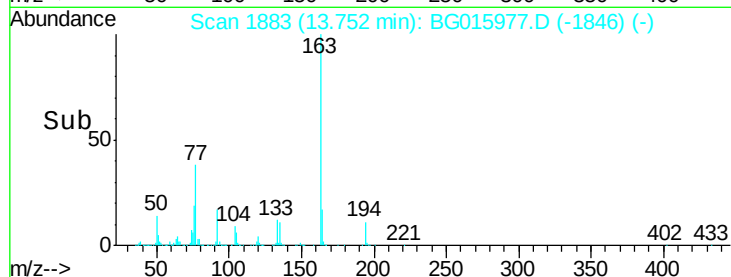
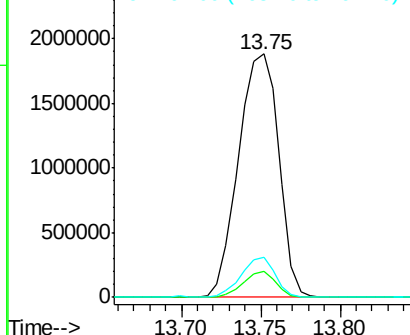
163 100

194 10.7 4.7 7.1#

164 16.6 8.4 12.6#



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



#45

2,6-Dinitrotoluene

Concen: 237.47 ng/ul

RT: 13.87 min Scan# 1904

Delta R.T. 0.02 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

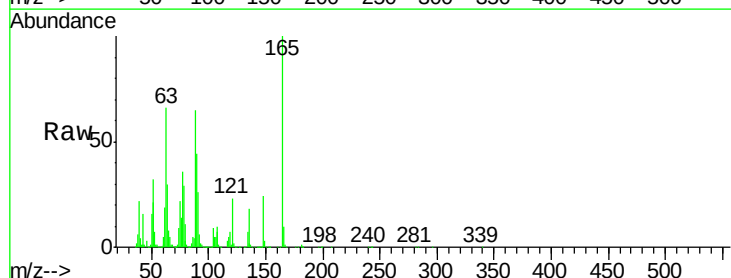
Tgt Ion:165 Resp: 1037954

Ion Ratio Lower Upper

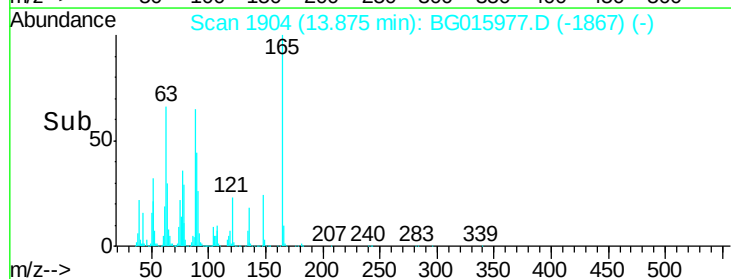
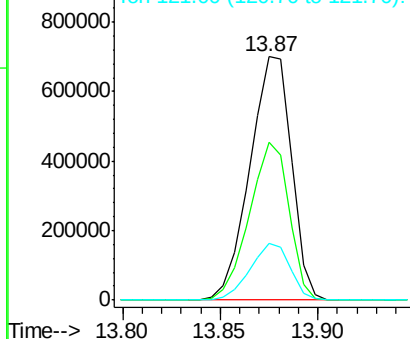
165 100

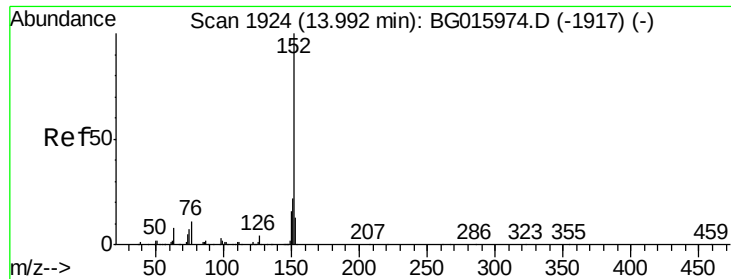
89 64.9 54.8 82.2

121 23.3 20.6 31.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 90.97 ng/ul

RT: 14.00 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

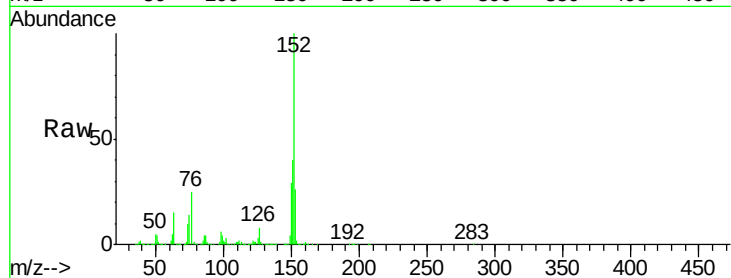
Tgt Ion:152 Resp: 3822283

Ion Ratio Lower Upper

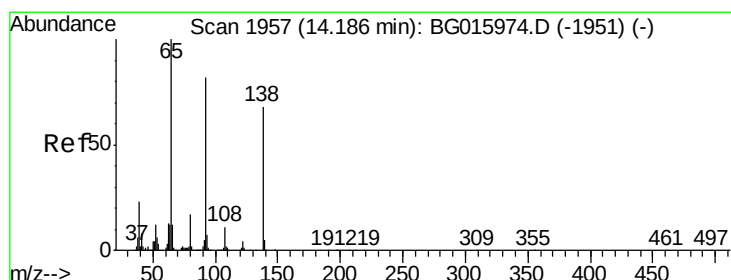
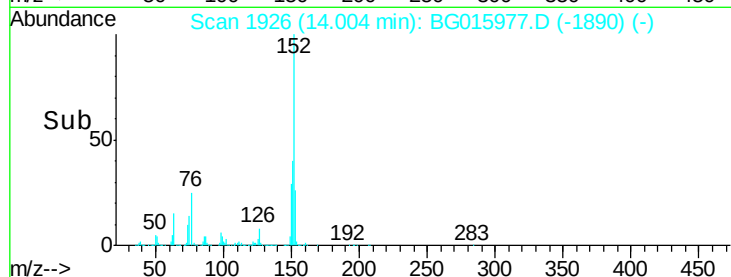
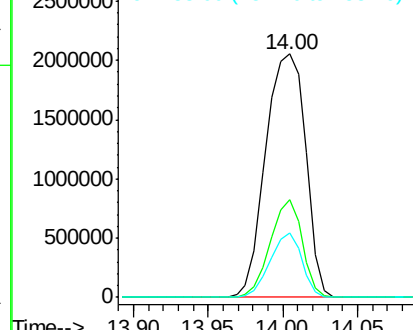
152 100

151 40.1 17.6 26.4#

153 26.4 10.7 16.1#



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



#48

3-Nitroaniline

Concen: 184.77 ng/ul

RT: 14.20 min Scan# 1960

Delta R.T. 0.02 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

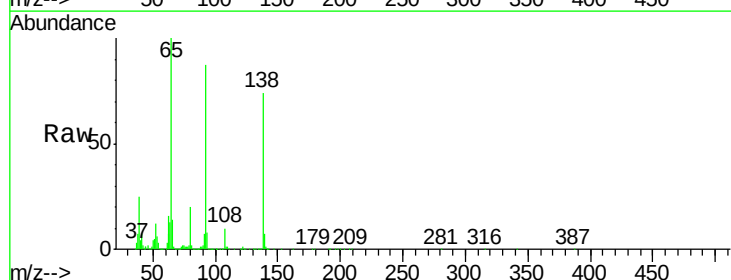
Tgt Ion:138 Resp: 1085285

Ion Ratio Lower Upper

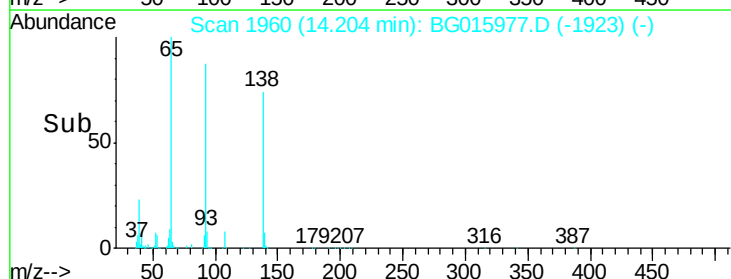
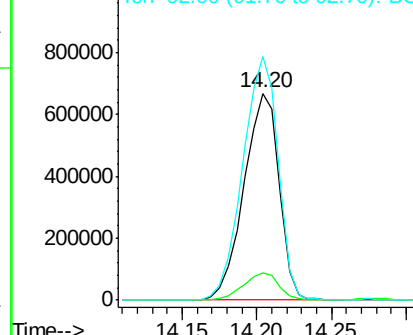
138 100

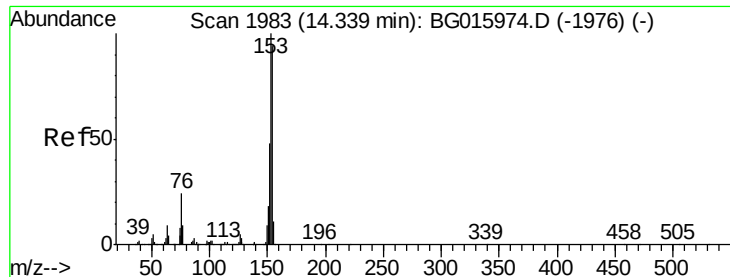
108 13.3 13.3 19.9#

92 117.7 96.9 145.3



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): BGC





#49

Acenaphthene

Concen: 106.74 ng/ul

RT: 14.35 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

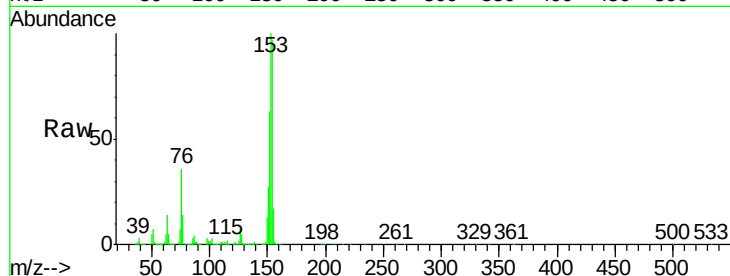
Tgt Ion:153 Resp: 3052003

Ion Ratio Lower Upper

153 100

152 63.3 38.4 57.6#

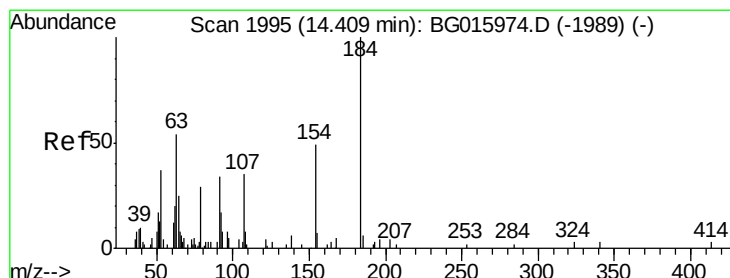
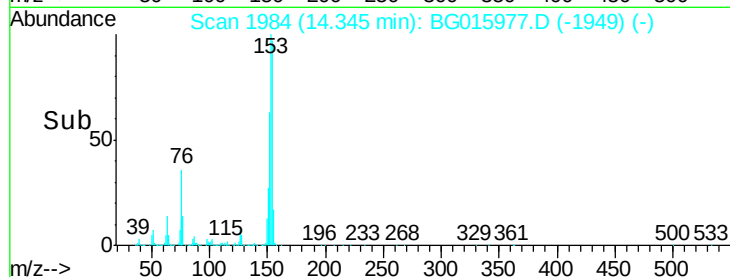
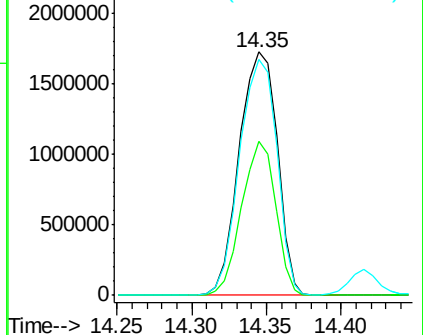
154 96.7 75.1 112.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 398.63 ng/ul

RT: 14.42 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

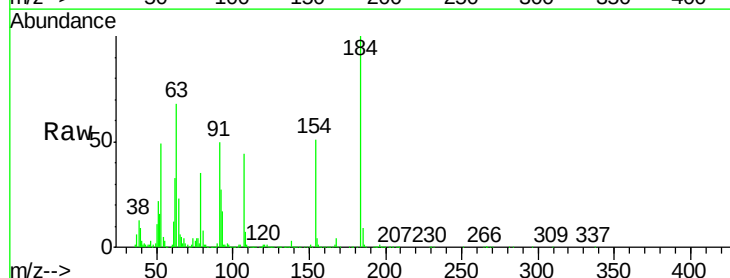
Tgt Ion:184 Resp: 529340

Ion Ratio Lower Upper

184 100

63 68.5 44.6 66.8#

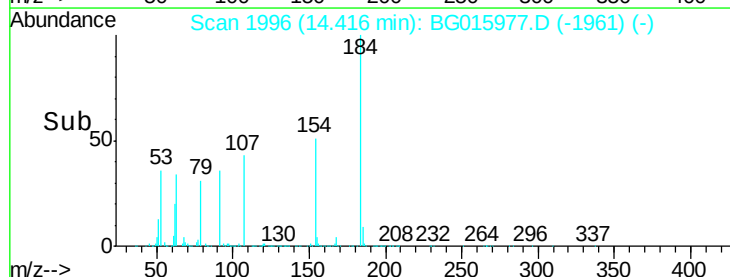
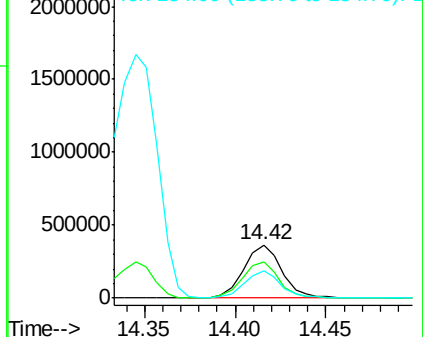
154 50.7 45.7 68.5

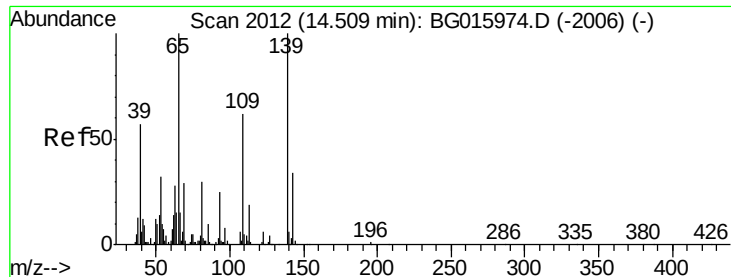


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG015977.D (-1961) (-)

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 187.85 ng/ul

RT: 14.54 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

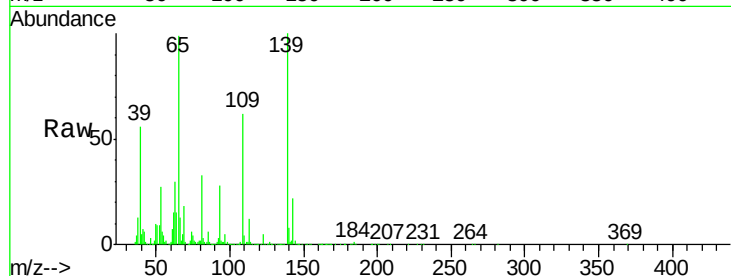
Tgt Ion:109 Resp: 672614

Ion Ratio Lower Upper

109 100

139 162.0 129.0 193.4

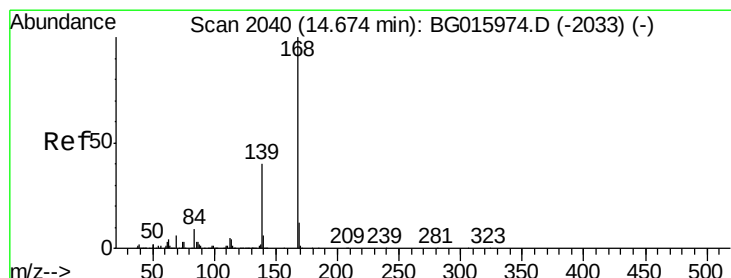
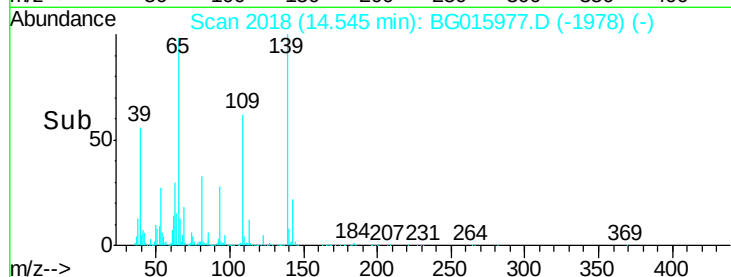
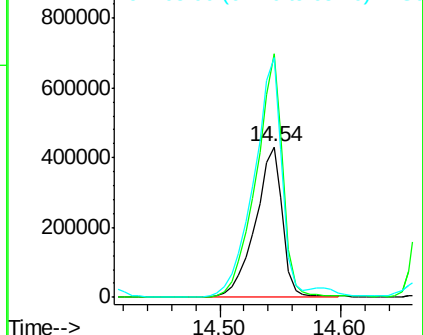
65 159.9 129.0 193.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 96.14 ng/ul

RT: 14.69 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BG015977.D

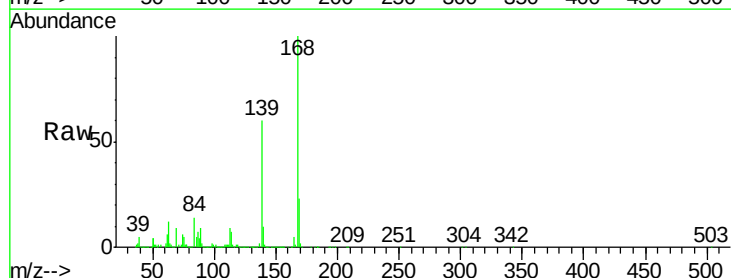
Acq: 6 Feb 2015 19:58

Tgt Ion:168 Resp: 3585504

Ion Ratio Lower Upper

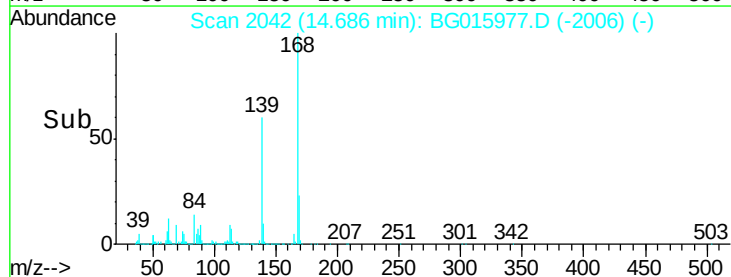
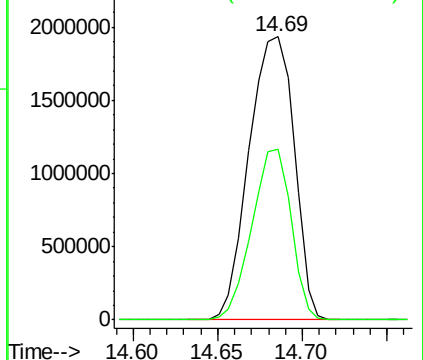
168 100

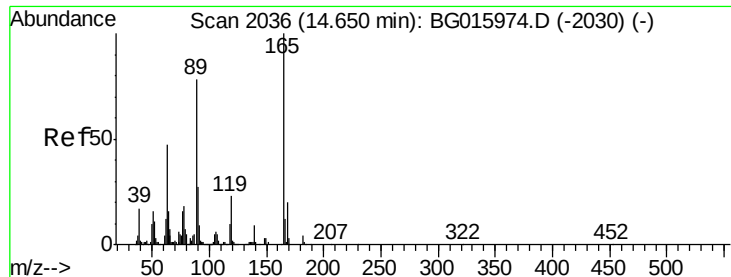
139 60.2 32.2 48.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 227.33 ng/ul

RT: 14.67 min Scan# 2039

Delta R.T. 0.02 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

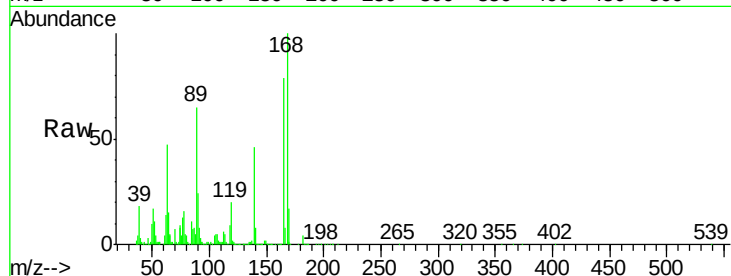
Tgt Ion:165 Resp: 1390957

Ion Ratio Lower Upper

165 100

63 59.8 37.5 56.3#

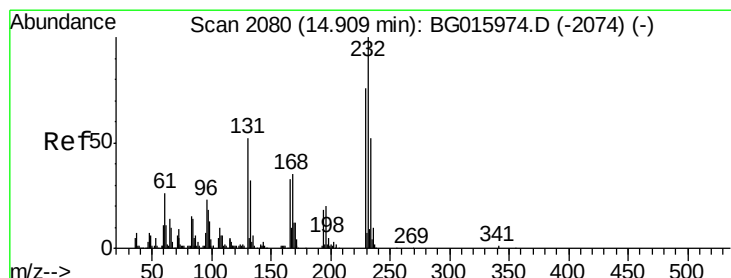
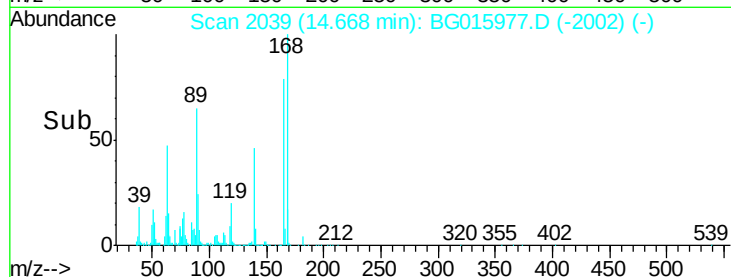
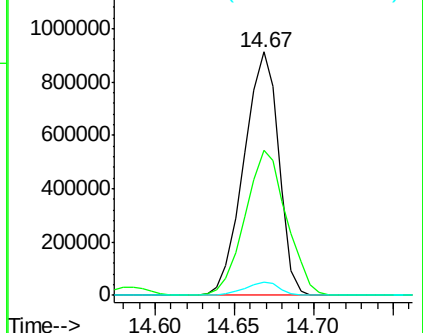
182 5.5 3.4 5.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 0.90 ng/ul

RT: 15.03 min Scan# 2101

Delta R.T. 0.12 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Tgt Ion:232 Resp: 4268

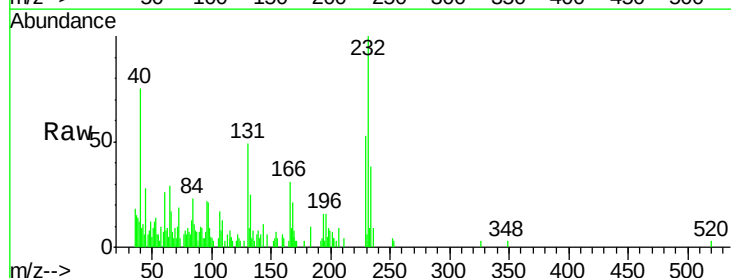
Ion Ratio Lower Upper

232 100

131 44.5 41.5 62.3

130 0.0 0.0 0.0

166 36.3 26.3 39.5

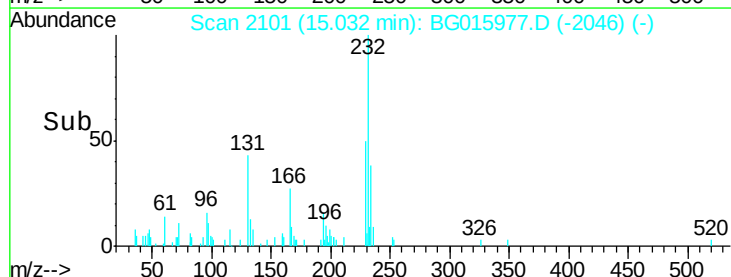
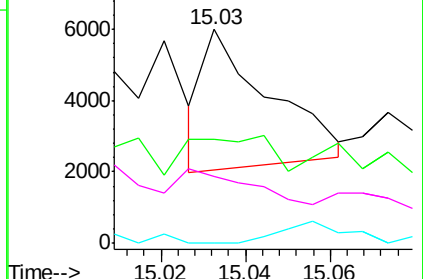


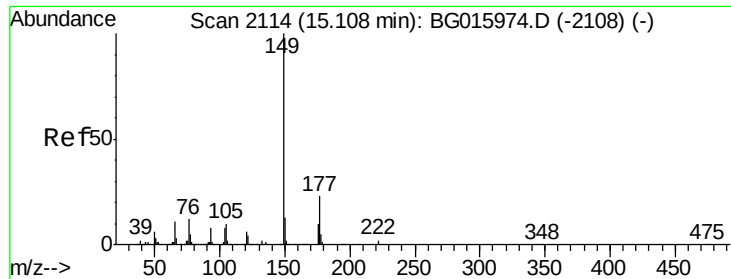
Abundance Ion 232.00 (231.70 to 232.70): E

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

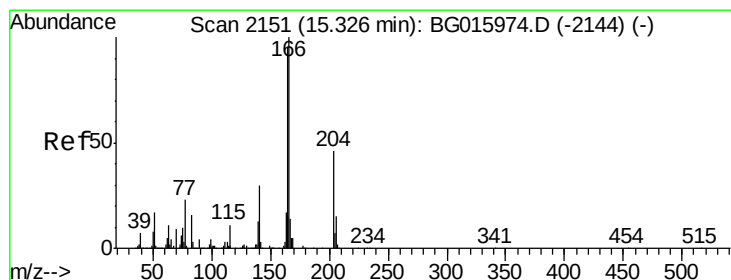
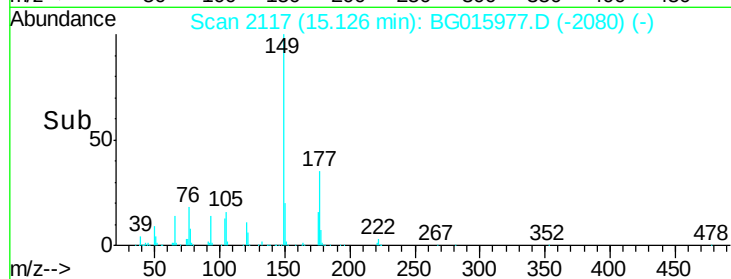
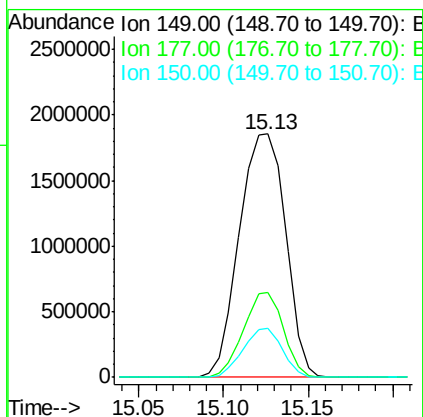
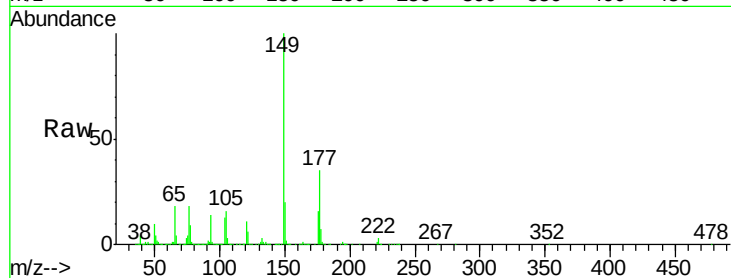




#56
Diethylphthalate
Concen: 105.34 ng/ul
RT: 15.13 min Scan# 2117
Delta R.T. 0.02 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

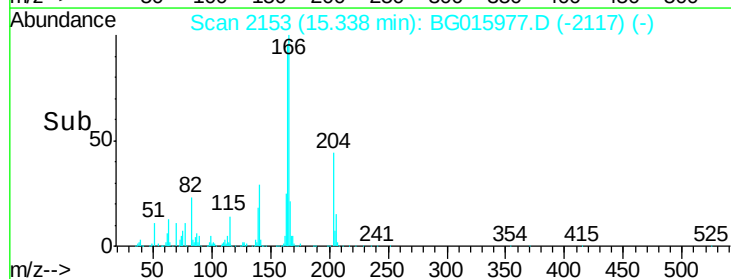
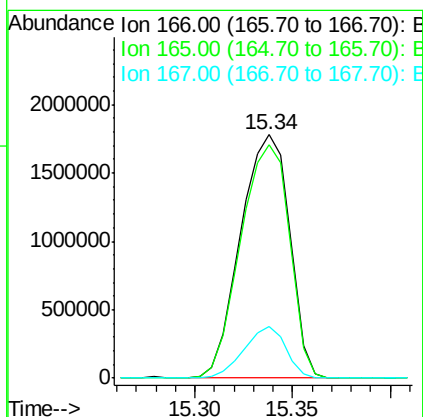
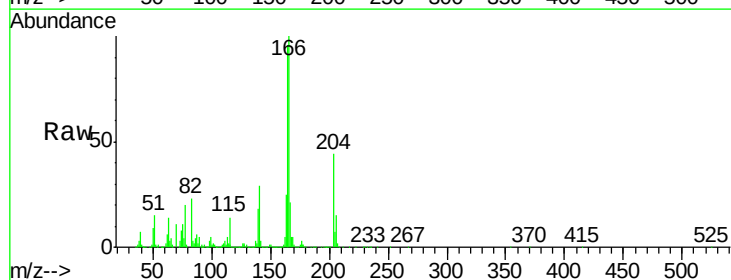
Instrument :
BNA_M
ClientSampled :

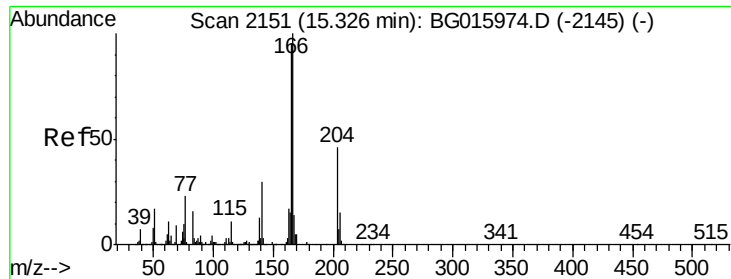
Tgt Ion:149 Resp: 3526790
Ion Ratio Lower Upper
149 100
177 34.9 18.6 28.0#
150 20.2 10.4 15.6#



#58
Fluorene
Concen: 95.33 ng/ul
RT: 15.34 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

Tgt Ion:166 Resp: 3088426
Ion Ratio Lower Upper
166 100
165 95.9 76.1 114.1
167 21.4 11.0 16.6#

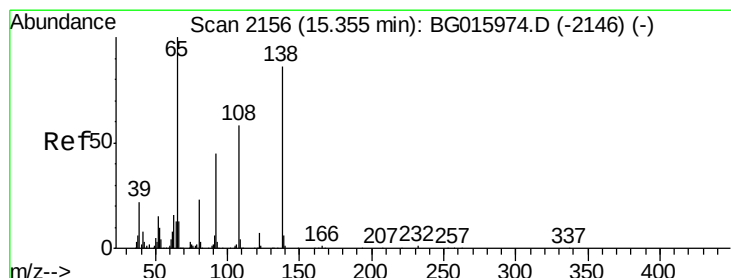
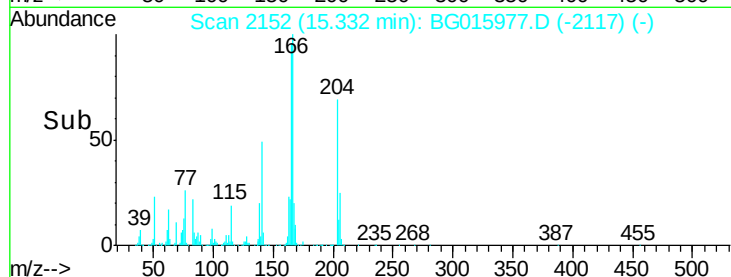
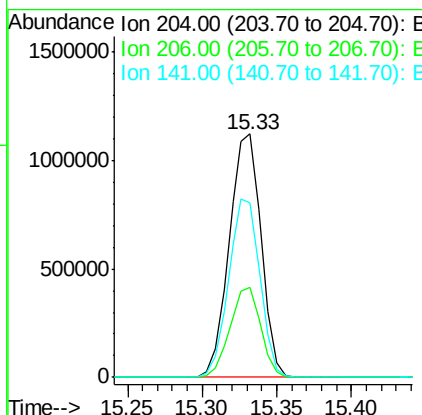
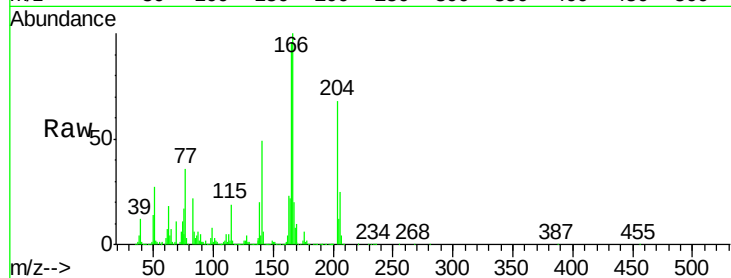




#59
 4-Chlorophenyl-phenylether
 Concen: 111.36 ng/ul
 RT: 15.33 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

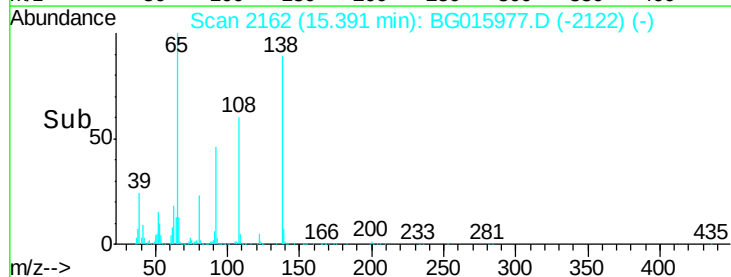
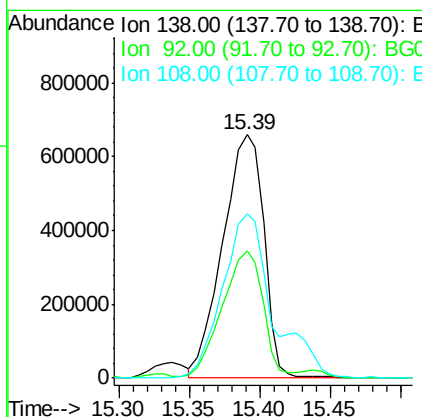
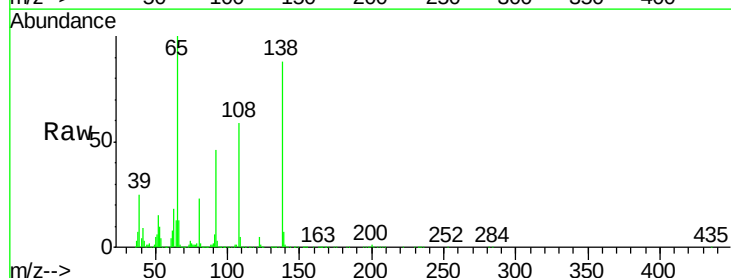
Instrument :
 BNA_M
 ClientSampleId :

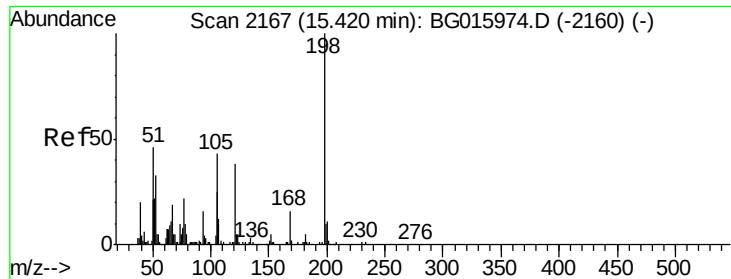
Tgt Ion:204 Resp: 1674025
 Ion Ratio Lower Upper
 204 100
 206 37.1 26.2 39.4
 141 71.7 52.4 78.6



#60
 4-Nitroaniline
 Concen: 177.49 ng/ul
 RT: 15.39 min Scan# 2162
 Delta R.T. 0.04 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

Tgt Ion:138 Resp: 1334165
 Ion Ratio Lower Upper
 138 100
 92 52.3 42.2 63.2
 108 67.4 54.2 81.2

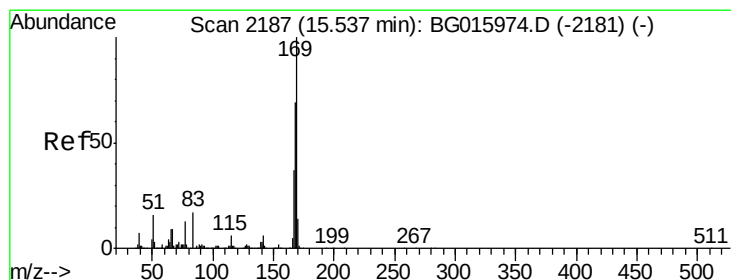
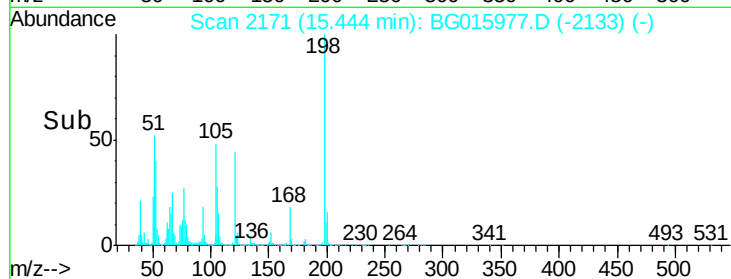
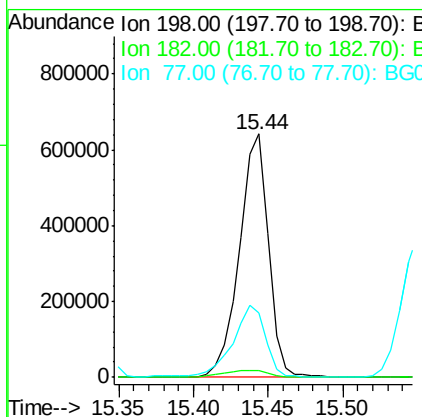
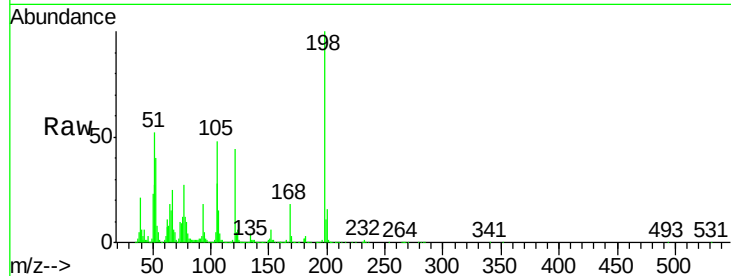




#63
 4,6-Dinitro-2-methylphenol
 Concen: 237.10 ng/ul
 RT: 15.44 min Scan# 2171
 Delta R.T. 0.02 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

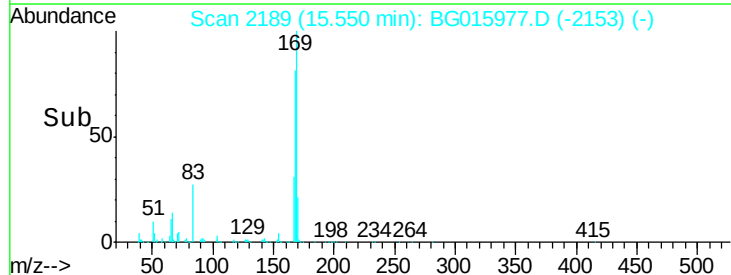
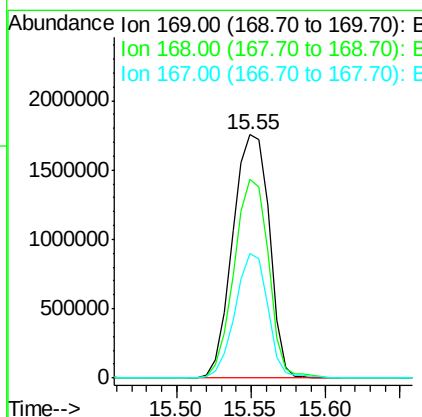
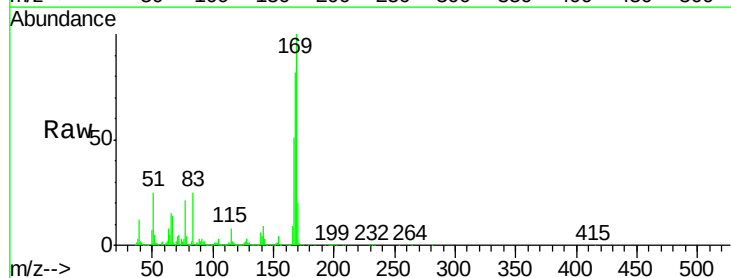
Instrument :
 BNA_M
 ClientSampleId :

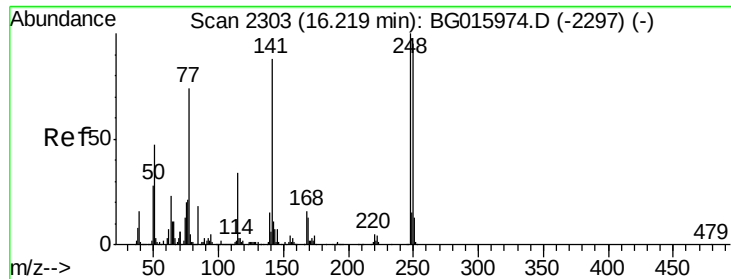
Tgt Ion:198 Resp: 871583
 Ion Ratio Lower Upper
 198 100
 182 2.9 3.7 5.5#
 77 26.6 18.5 27.7



#64
 N-Nitrosodiphenylamine
 Concen: 105.82 ng/ul
 RT: 15.55 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

Tgt Ion:169 Resp: 2993389
 Ion Ratio Lower Upper
 169 100
 168 81.7 55.5 83.3
 167 51.1 29.5 44.3#

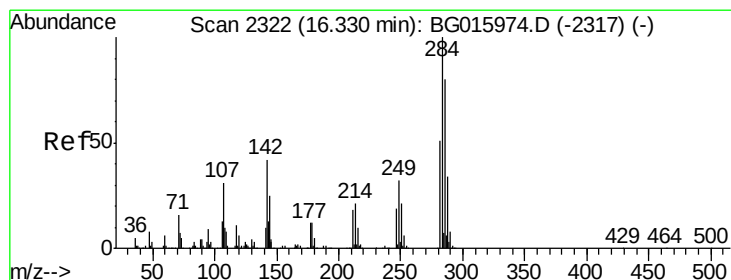
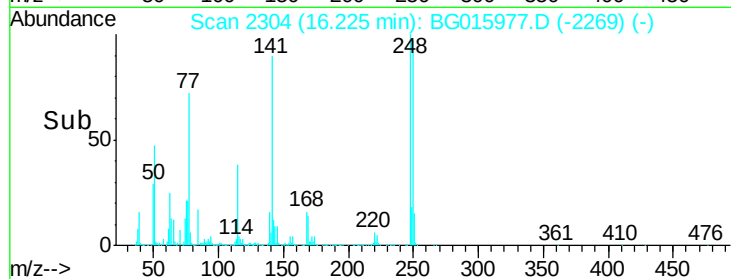
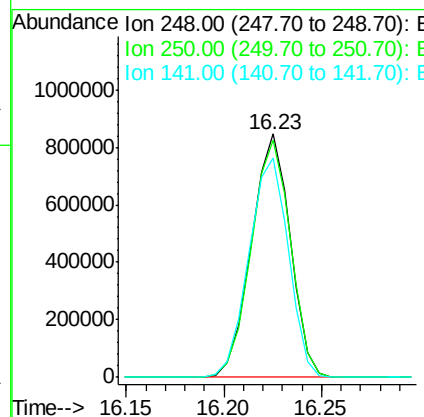
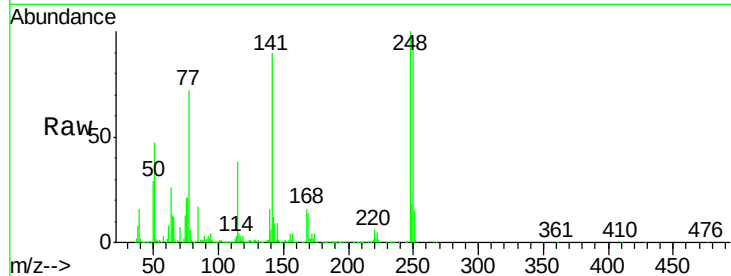




#65
4-Bromophenyl-phenylether
Concen: 127.30 ng/ul
RT: 16.23 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

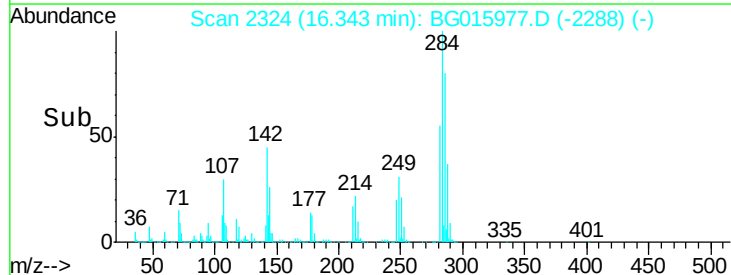
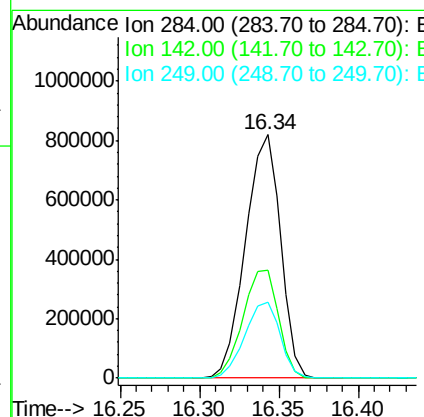
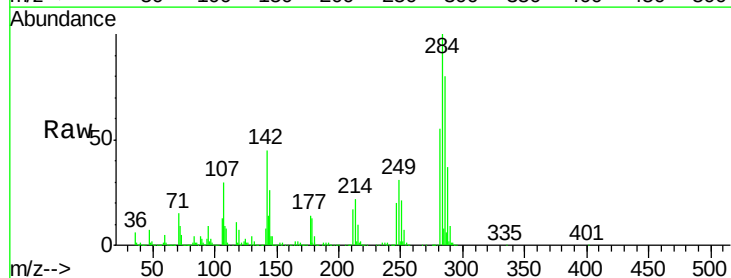
Instrument :
BNA_M
ClientSampleId :

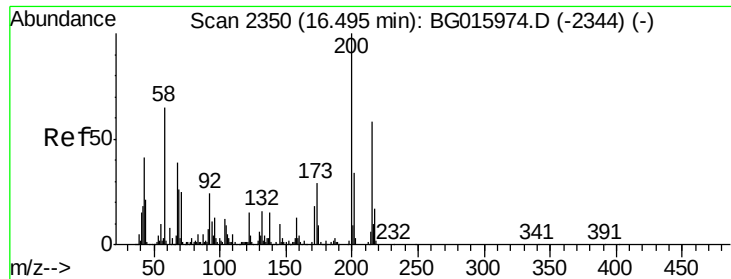
Tgt Ion:248 Resp: 1165940
Ion Ratio Lower Upper
248 100
250 97.5 75.8 113.6
141 90.0 70.8 106.2



#66
Hexachlorobenzene
Concen: 128.18 ng/ul
RT: 16.34 min Scan# 2324
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

Tgt Ion:284 Resp: 1257291
Ion Ratio Lower Upper
284 100
142 44.6 31.8 47.6
249 31.4 25.4 38.2

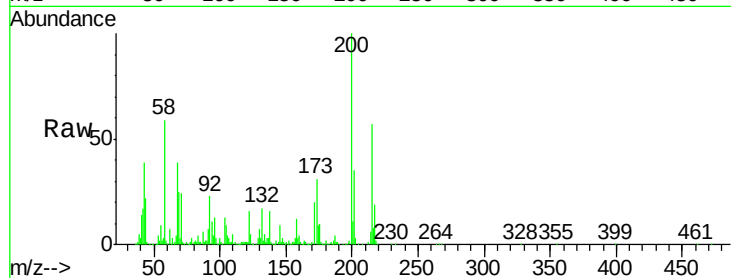




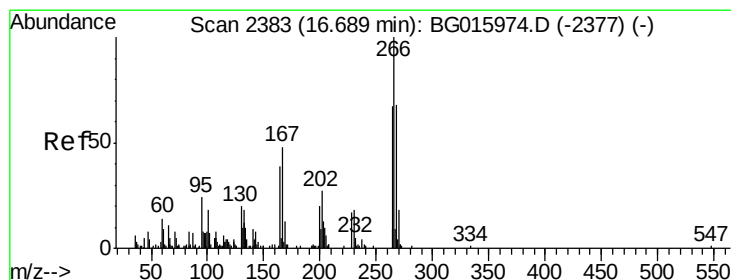
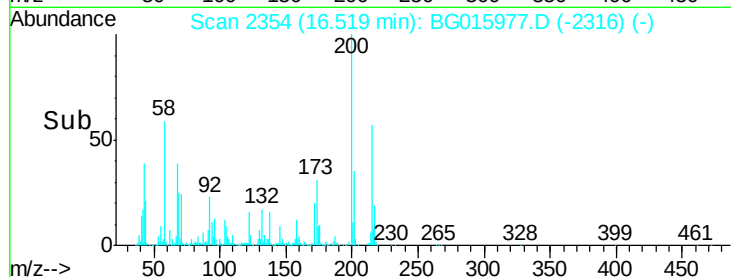
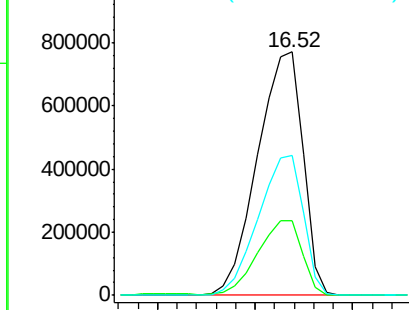
#67
 Atrazine
 Concen: 132.46 ng/ul
 RT: 16.52 min Scan# 2354
 Delta R.T. 0.02 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:200 Resp: 1242411
 Ion Ratio Lower Upper
 200 100
 173 30.6 23.0 34.6
 215 57.5 46.0 69.0

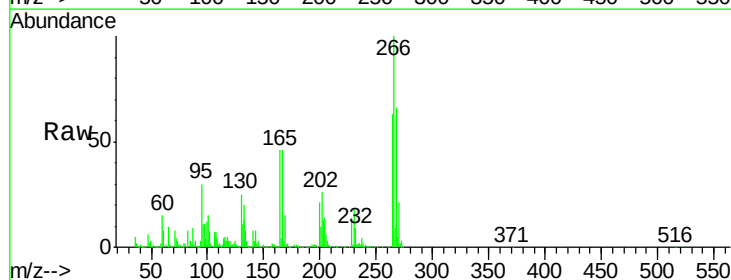


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

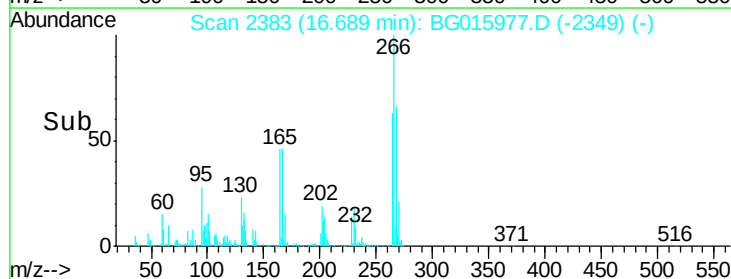
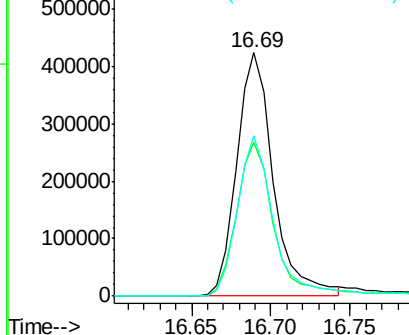


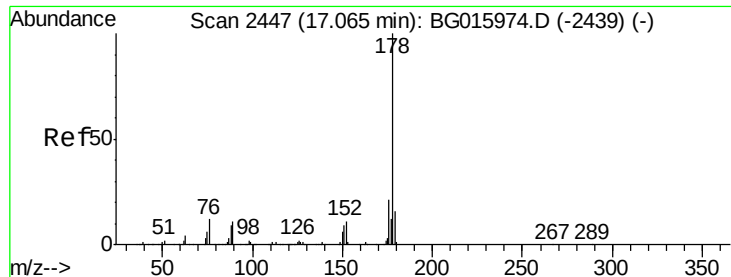
#68
 Pentachlorophenol
 Concen: 238.45 ng/ul
 RT: 16.69 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG015977.D
 Acq: 6 Feb 2015 19:58

Tgt Ion:266 Resp: 680210
 Ion Ratio Lower Upper
 266 100
 264 63.4 53.4 80.2
 268 66.1 54.2 81.2



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





#69

Phenanthrene

Concen: 88.47 ng/ul

RT: 17.08 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

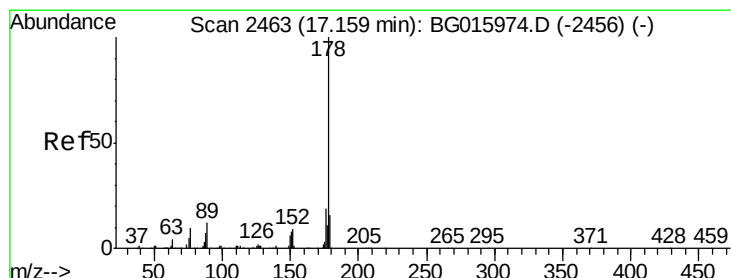
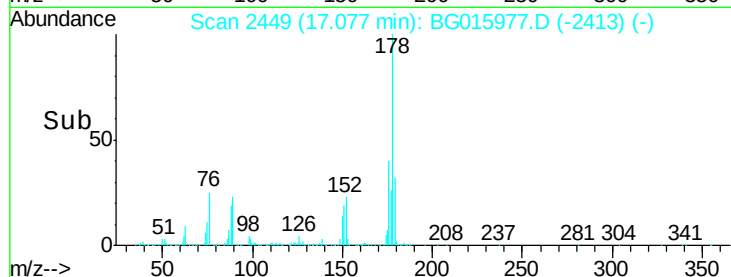
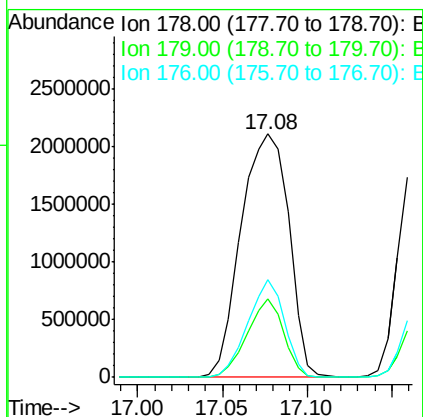
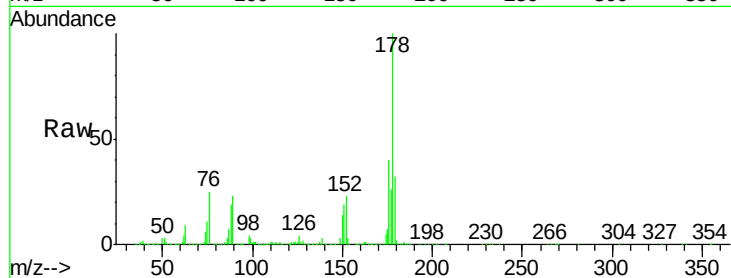
Tgt Ion:178 Resp: 4146969

Ion Ratio Lower Upper

178 100

179 32.1 13.0 19.6#

176 39.9 16.6 24.8#



#71

Anthracene

Concen: 82.55 ng/ul

RT: 17.17 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

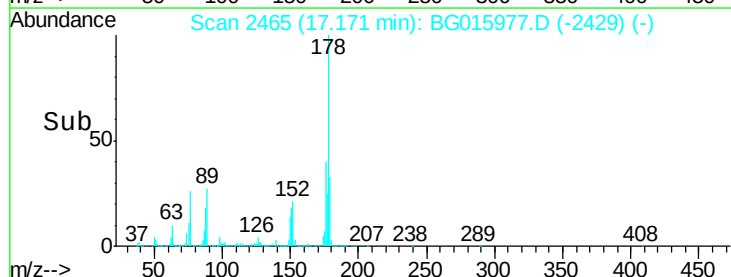
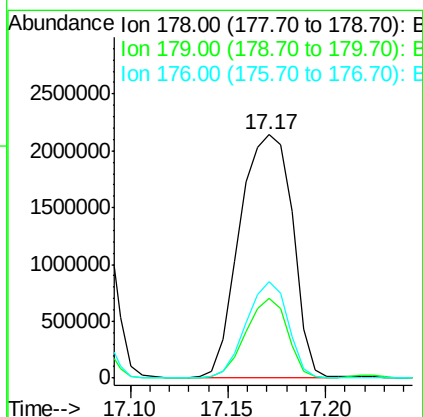
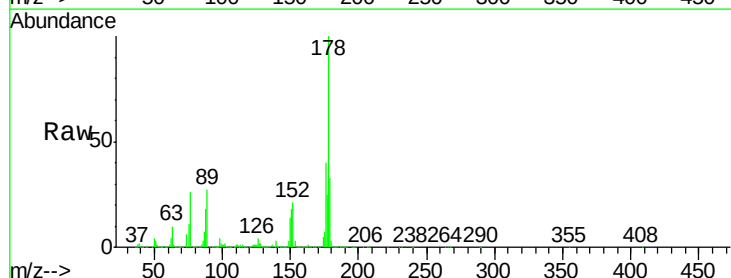
Tgt Ion:178 Resp: 3988593

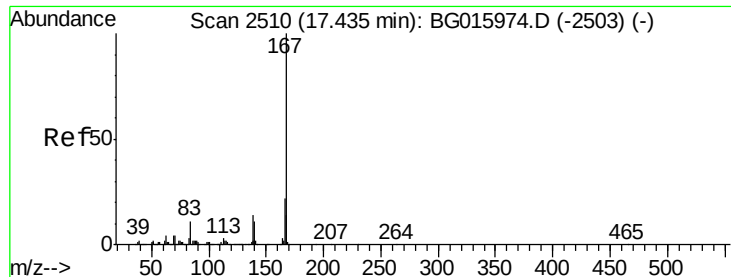
Ion Ratio Lower Upper

178 100

179 32.8 12.8 19.2#

176 39.5 15.4 23.2#





#72

Carbazole

Concen: 103.75 ng/ul

RT: 17.44 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

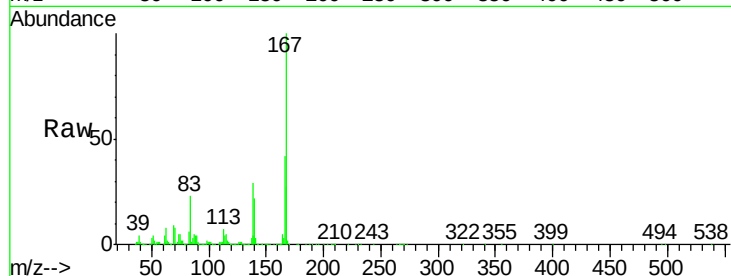
Tgt Ion:167 Resp: 4166593

Ion Ratio Lower Upper

167 100

166 41.9 18.0 27.0#

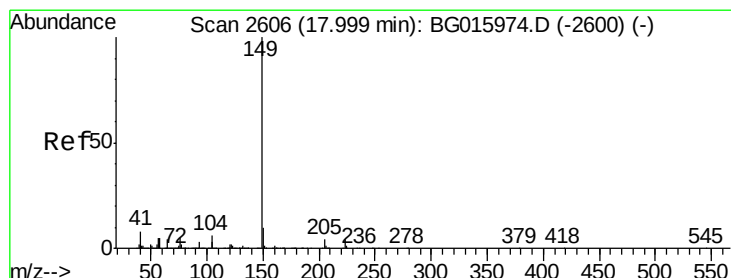
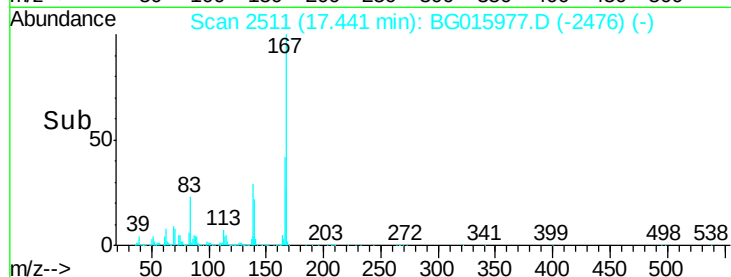
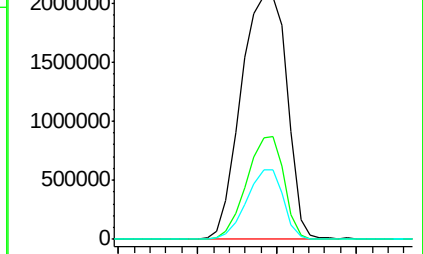
139 28.6 11.0 16.4#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 74.66 ng/ul

RT: 18.01 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

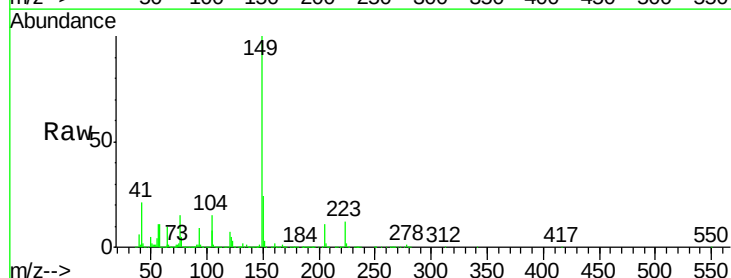
Tgt Ion:149 Resp: 4213905

Ion Ratio Lower Upper

149 100

150 24.4 7.7 11.5#

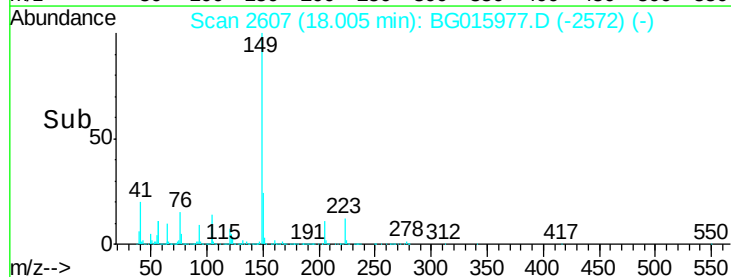
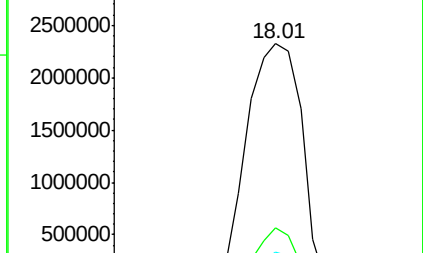
104 14.5 4.5 6.7#

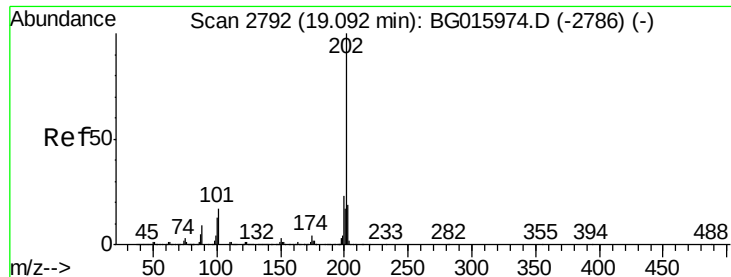


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 94.65 ng/ul

RT: 19.10 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

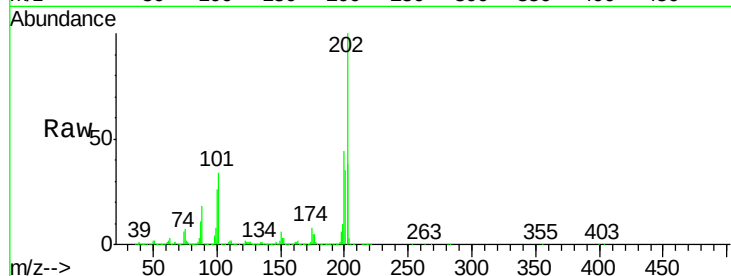
Tgt Ion:202 Resp: 4129111

Ion Ratio Lower Upper

202 100

101 33.9 13.6 20.4#

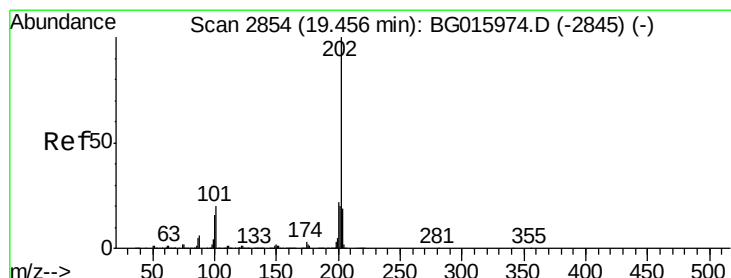
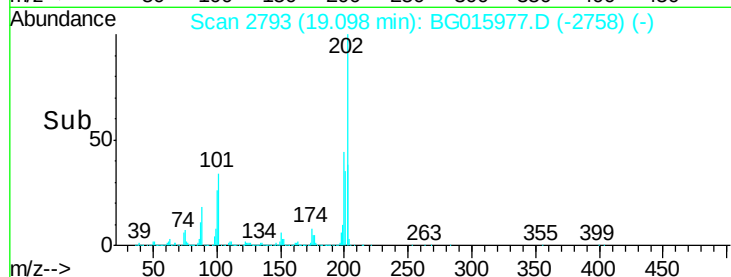
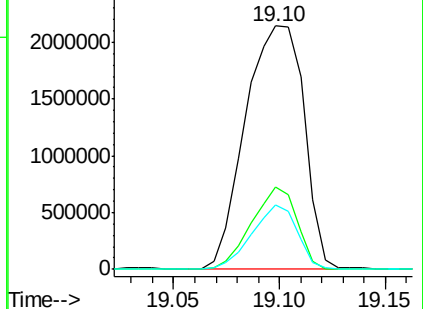
100 26.4 10.2 15.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 87.14 ng/ul

RT: 19.47 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

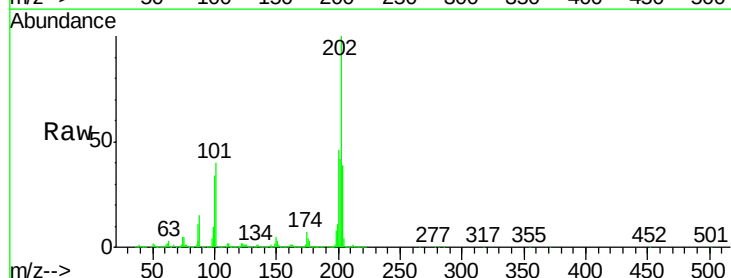
Tgt Ion:202 Resp: 3961190

Ion Ratio Lower Upper

202 100

101 40.3 15.8 23.8#

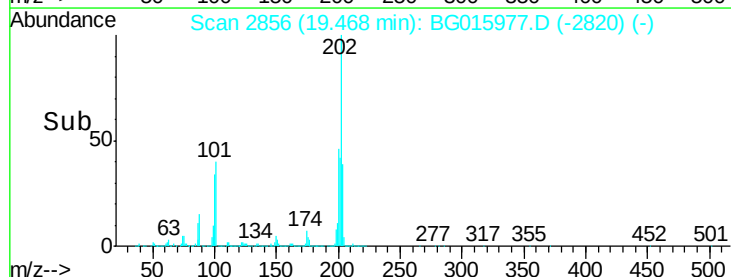
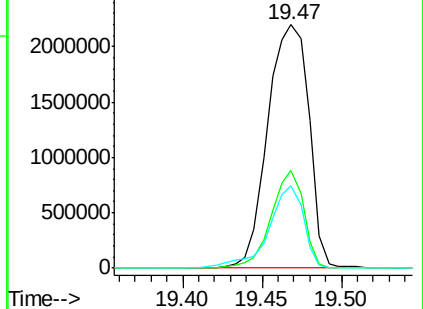
100 34.1 12.6 18.8#

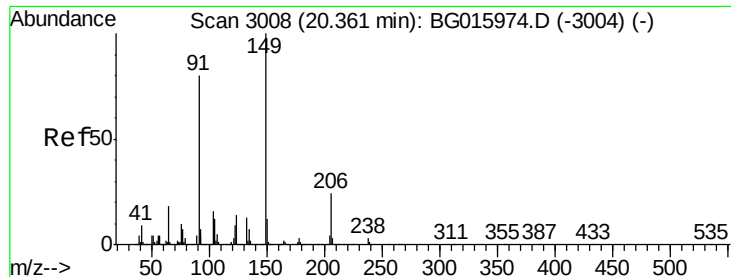


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

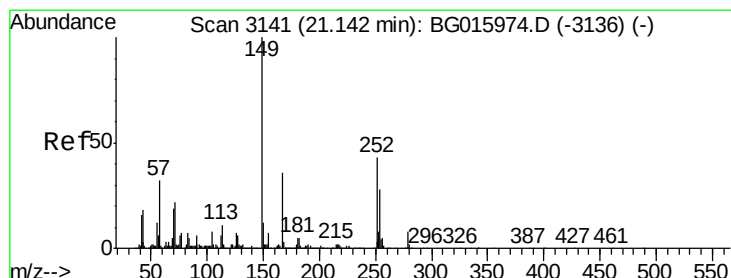
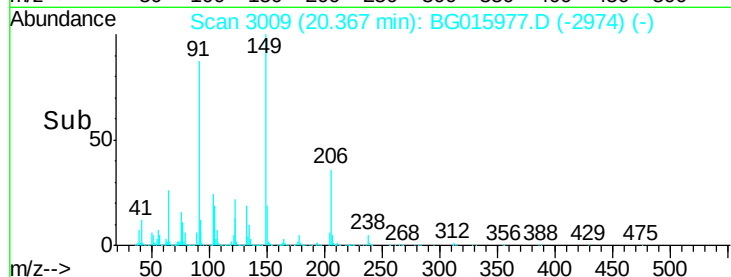
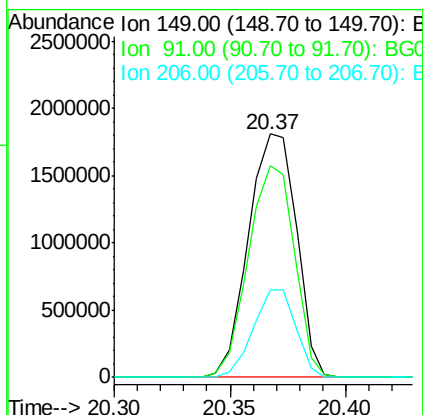
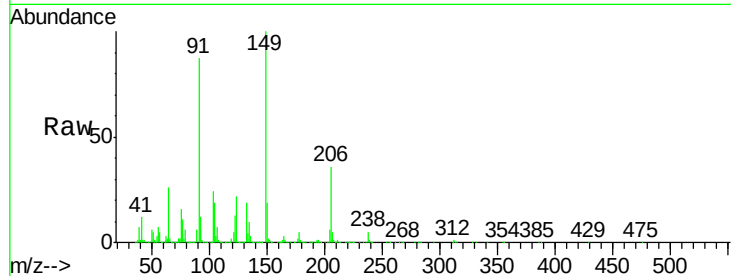




#78
Butylbenzylphthalate
Concen: 119.05 ng/ul
RT: 20.37 min Scan# 3009
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

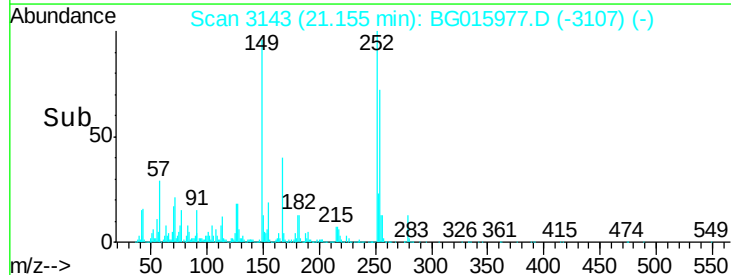
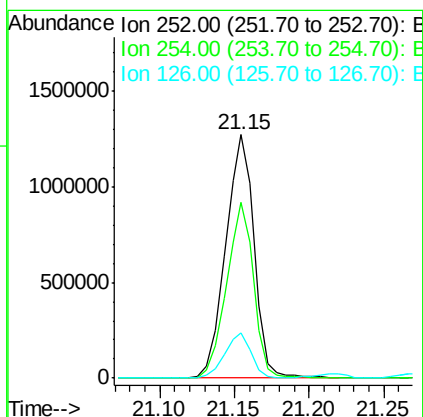
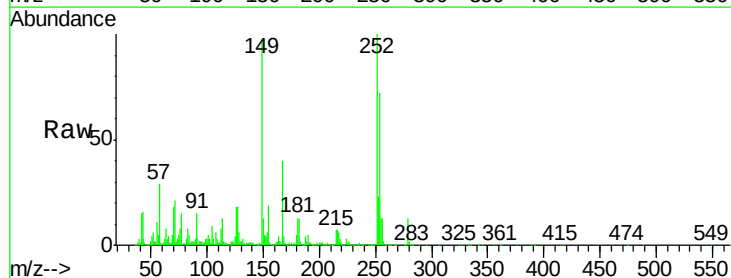
Instrument :
BNA_M
ClientSampleId :

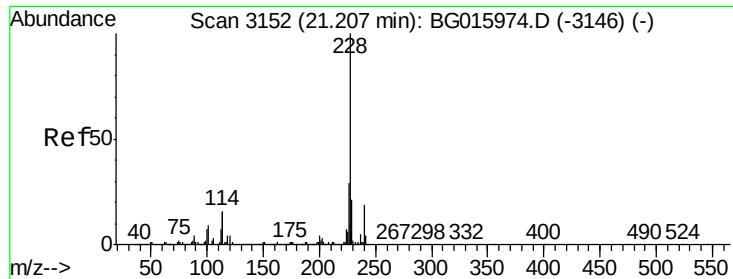
Tgt Ion:149 Resp: 2626452
Ion Ratio Lower Upper
149 100
91 86.9 64.0 96.0
206 36.1 19.1 28.7#



#79
3,3'-Dichlorobenzidine
Concen: 124.27 ng/ul
RT: 21.15 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BG015977.D
Acq: 6 Feb 2015 19:58

Tgt Ion:252 Resp: 1694579
Ion Ratio Lower Upper
252 100
254 72.2 52.7 79.1
126 18.4 12.7 19.1





#80

Benzo(a)anthracene

Concen: 96.18 ng/ul

RT: 21.22 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

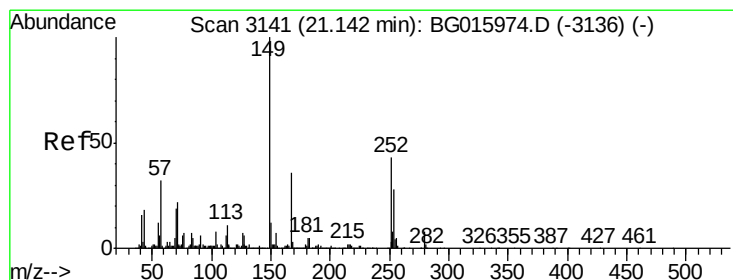
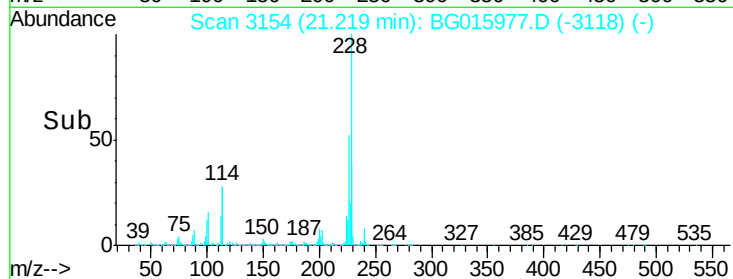
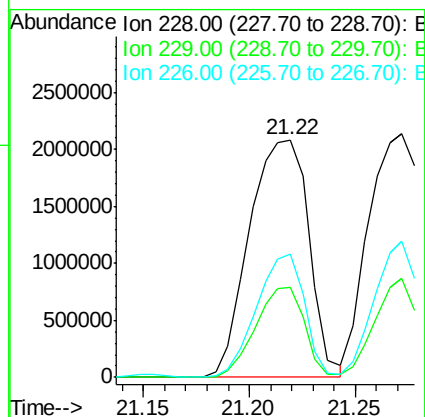
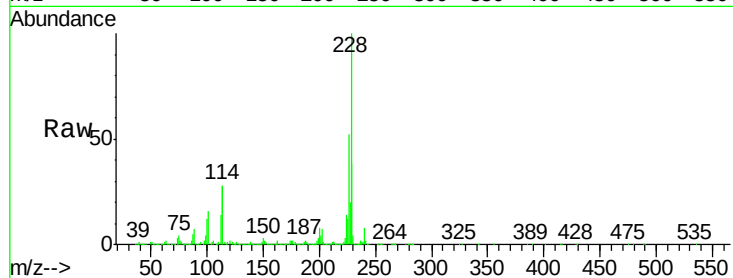
Tgt Ion:228 Resp: 4064884

Ion Ratio Lower Upper

228 100

229 38.0 16.5 24.7#

226 51.8 23.3 34.9#



#81

Bis(2-ethylhexyl)phthalate

Concen: 98.49 ng/ul

RT: 21.14 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

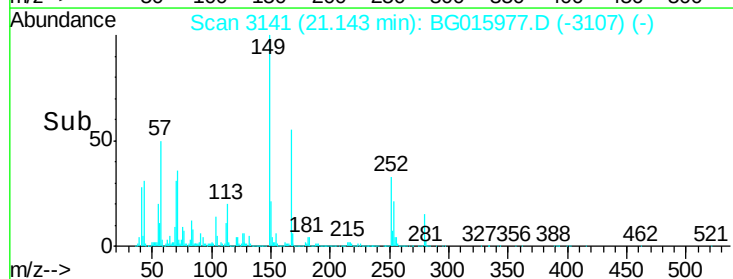
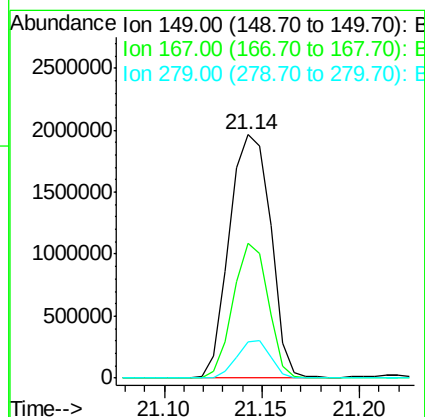
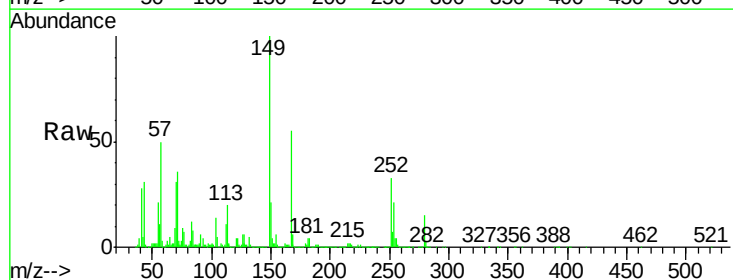
Tgt Ion:149 Resp: 2880430

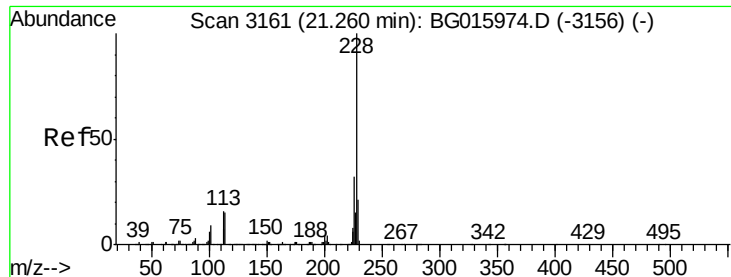
Ion Ratio Lower Upper

149 100

167 55.2 28.5 42.7#

279 15.0 6.8 10.2#





#82

Chrysene

Concen: 90.31 ng/ul

RT: 21.27 min Scan# 3163

Delta R.T. 0.01 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

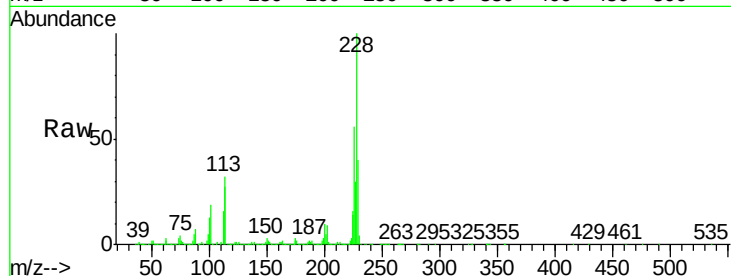
Tgt Ion:228 Resp: 3665518

Ion Ratio Lower Upper

228 100

226 56.0 25.4 38.0#

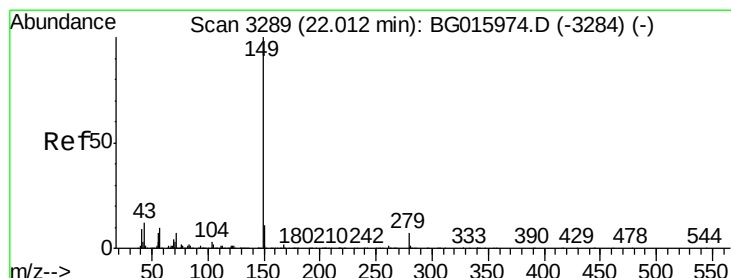
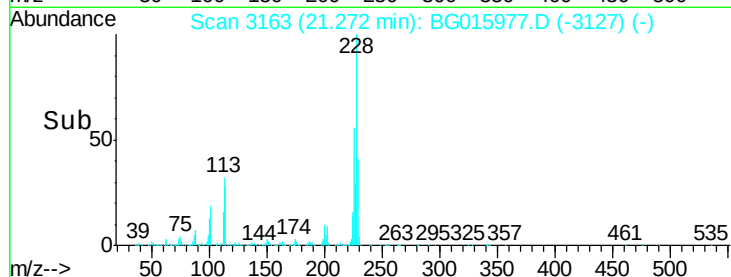
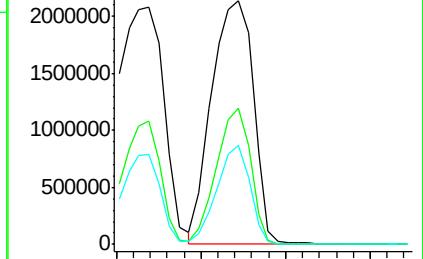
229 40.4 16.5 24.7#



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



#84

Di-n-octyl phthalate

Concen: 98.10 ng/ul

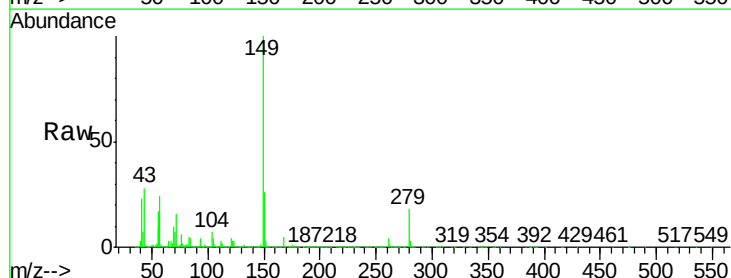
RT: 22.02 min Scan# 3290

Delta R.T. 0.01 min

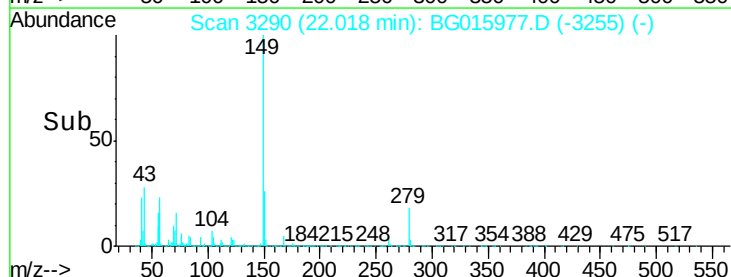
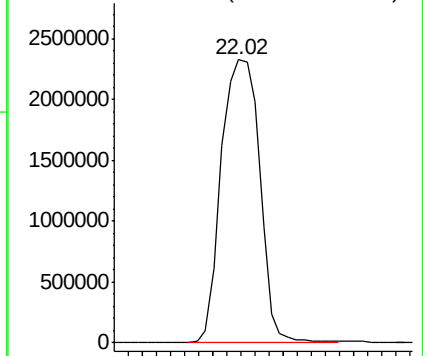
Lab File: BG015977.D

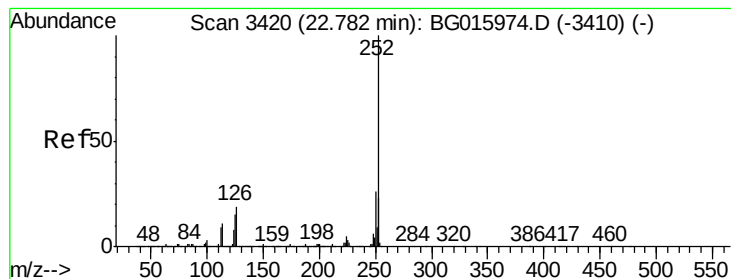
Acq: 6 Feb 2015 19:58

Tgt Ion:149 Resp: 4394825



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 101.76 ng/ul

RT: 22.80 min Scan# 3423

Delta R.T. 0.02 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

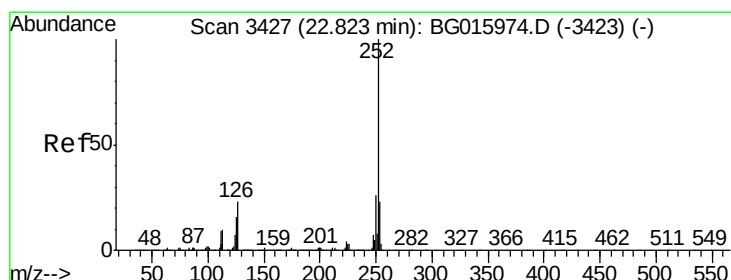
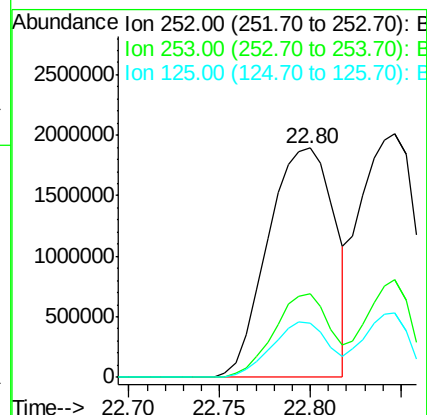
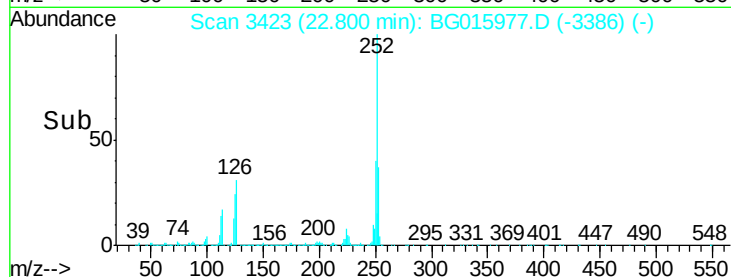
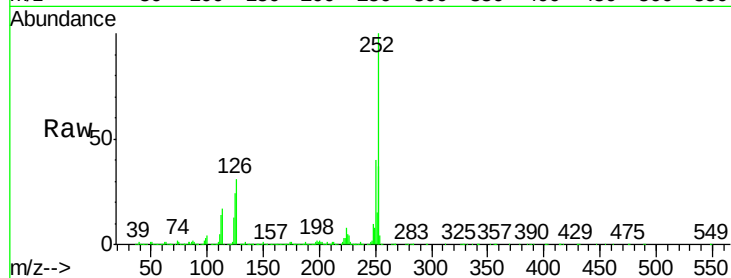
Tgt Ion:252 Resp: 4831448

Ion Ratio Lower Upper

252 100

253 36.6 18.4 27.6#

125 23.8 12.0 18.0#



#86

Benzo(k)fluoranthene

Concen: 92.23 ng/ul

RT: 22.85 min Scan# 3431

Delta R.T. 0.02 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

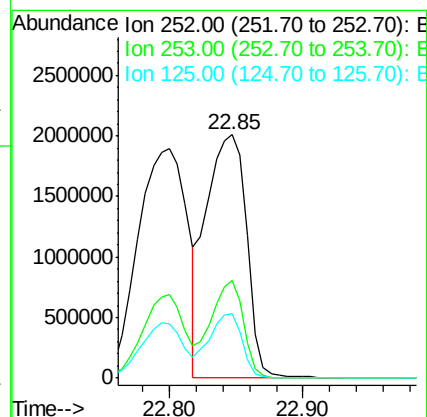
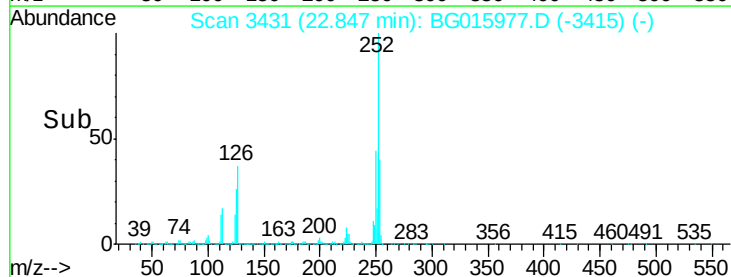
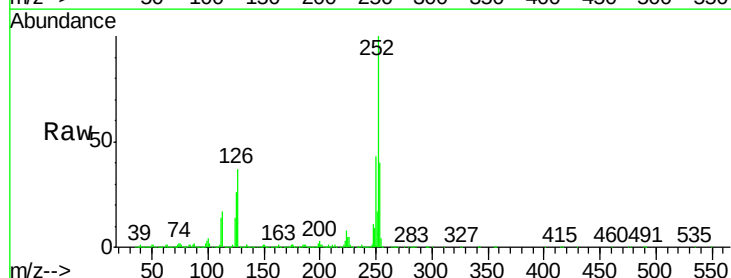
Tgt Ion:252 Resp: 4214194

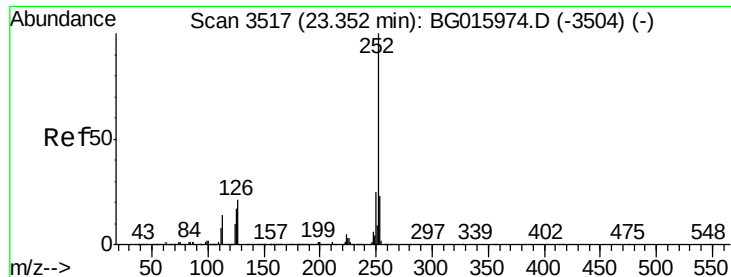
Ion Ratio Lower Upper

252 100

253 40.0 18.0 27.0#

125 26.4 12.2 18.2#





#88

Benzo(a)pyrene

Concen: 99.30 ng/ul

RT: 23.38 min Scan# 3522

Delta R.T. 0.03 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampled :

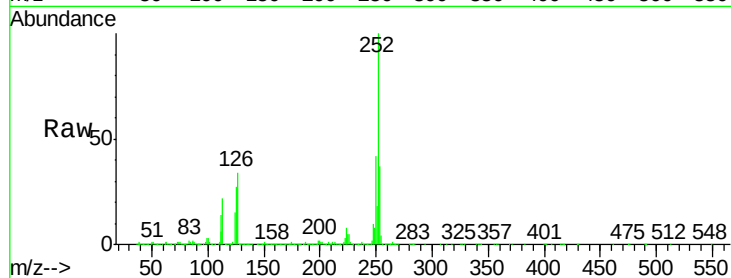
Tgt Ion:252 Resp: 4663671

Ion Ratio Lower Upper

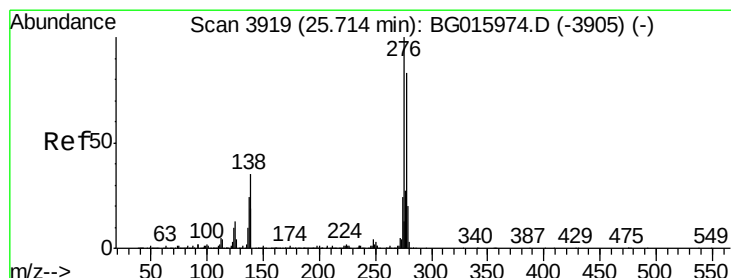
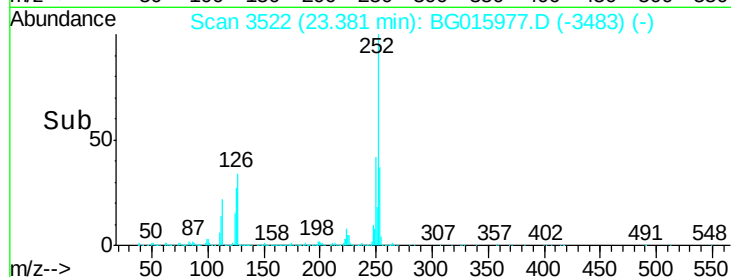
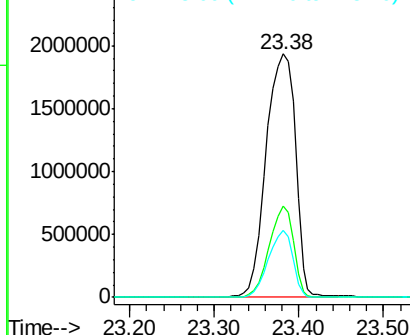
252 100

253 37.3 18.2 27.2#

125 27.3 13.6 20.4#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 120.03 ng/ul

RT: 25.75 min Scan# 3925

Delta R.T. 0.04 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

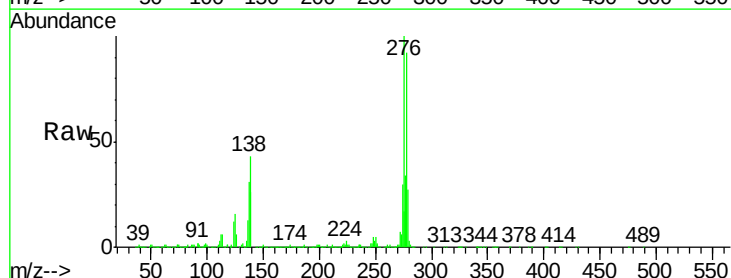
Tgt Ion:276 Resp: 6804681

Ion Ratio Lower Upper

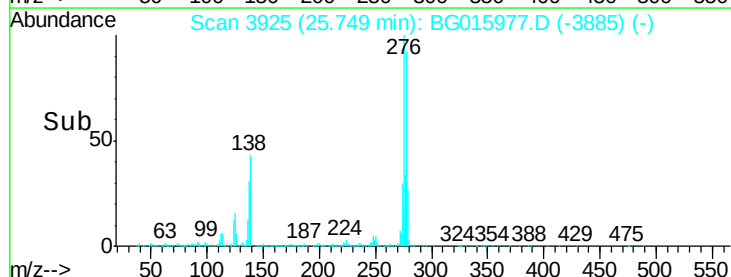
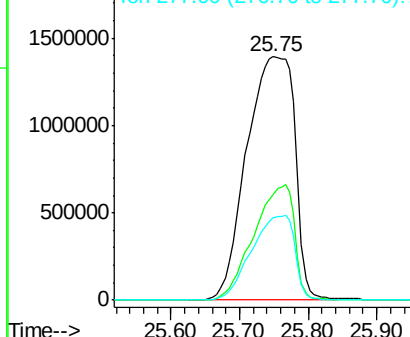
276 100

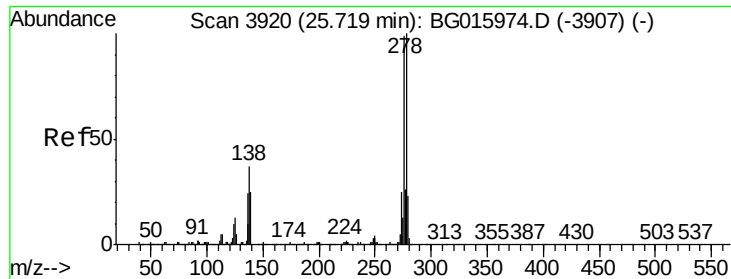
138 43.4 28.2 42.4#

277 33.7 21.2 31.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 109.89 ng/ul

RT: 25.77 min Scan# 3928

Delta R.T. 0.05 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

Instrument :

BNA_M

ClientSampleId :

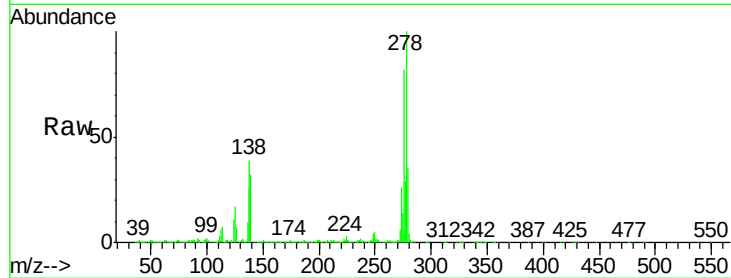
Tgt Ion:278 Resp: 5165386

Ion Ratio Lower Upper

278 100

139 31.9 19.9 29.9#

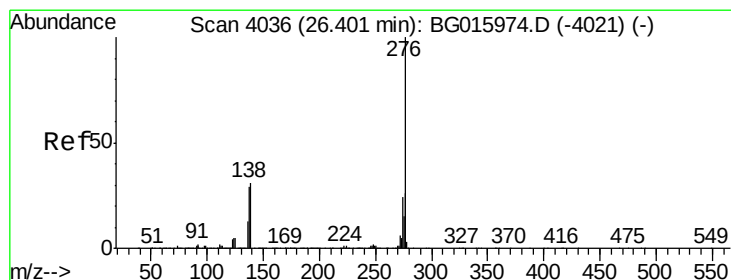
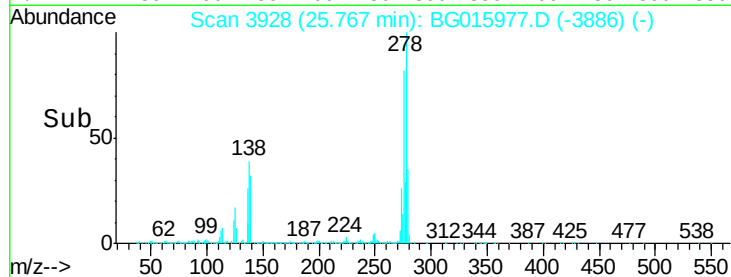
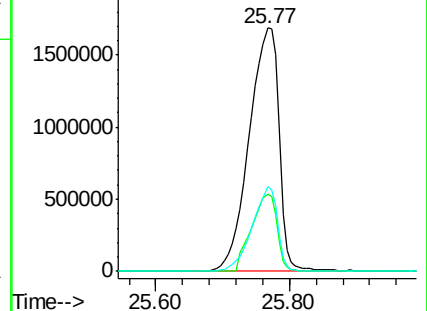
279 34.7 18.5 27.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 125.17 ng/ul

RT: 26.45 min Scan# 4045

Delta R.T. 0.05 min

Lab File: BG015977.D

Acq: 6 Feb 2015 19:58

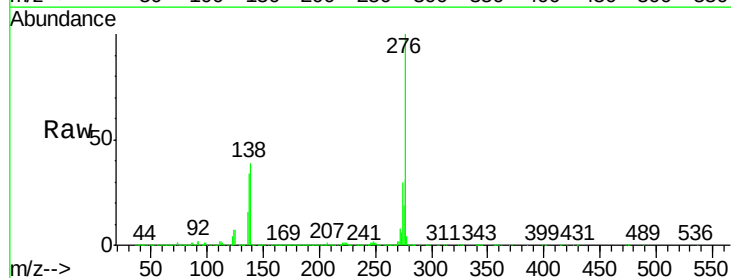
Tgt Ion:276 Resp: 6062754

Ion Ratio Lower Upper

276 100

138 38.6 24.6 36.8#

277 31.1 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

