

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050615\
 Data File : BG016904.D
 Acq On : 6 May 2015 17:53
 Operator : TP/IZ
 Sample : G2084-11MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11MSD

Quant Time: May 07 04:19:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	66246	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	303556	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	197717	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	424753	20.00	ng	0.00
75) Chrysene-d12	21.36	240	411897	20.00	ng	0.00
86) Perylene-d12	23.67	264	392914	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	635467	167.03	ng	0.00
7) Phenol-d6	6.97	99	901426	165.84	ng	0.00
23) Nitrobenzene-d5	8.96	82	578183	93.05	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	314088	158.24	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	1160671	88.58	ng	0.00
78) Terphenyl-d14	19.81	244	1629366	92.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	60776	38.12	ng	# 1
3) Pyridine	3.68	79	144402	29.30	ng	98
4) n-Nitrosodimethylamine	3.61	42	135080	45.91	ng	95
6) Aniline	7.13	93	192751	25.25	ng	97
8) 2-Chlorophenol	7.37	128	219874	49.89	ng	98
9) Benzaldehyde	6.94	77	126723	31.77	ng	96
10) Phenol	7.00	94	308103	52.86	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	211730	46.98	ng	98
12) 1,3-Dichlorobenzene	7.69	146	201896	41.54	ng	95
13) 1,4-Dichlorobenzene	7.84	146	207983	42.25	ng	95
14) 1,2-Dichlorobenzene	8.15	146	201972	42.75	ng	94
15) Benzyl Alcohol	8.04	79	240774	48.50	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	381514	45.73	ng	98
17) 2-Methylphenol	8.24	107	205595	50.09	ng	98
18) Hexachloroethane	8.88	117	86906	42.95	ng	95
19) n-Nitroso-di-n-propylamine	8.61	70	209031	43.86	ng	96
20) 3+4-Methylphenols	8.57	107	280366	49.57	ng	97
22) Acetophenone	8.62	105	329555	45.58	ng	97
24) Nitrobenzene	9.00	77	281995	44.94	ng	99
25) Isophorone	9.52	82	537923	42.87	ng	98
26) 2-Nitrophenol	9.71	139	122774	48.05	ng	96
27) 2,4-Dimethylphenol	9.77	122	218620	47.28	ng	98
28) bis(2-Chloroethoxy)methane	10.01	93	286287	45.20	ng	97
29) 2,4-Dichlorophenol	10.24	162	213790	48.94	ng	99
30) 1,2,4-Trichlorobenzene	10.46	180	204834	44.22	ng	98
31) Naphthalene	10.65	128	654400	43.34	ng	99
32) Benzoic acid	9.89	122	118373	43.74	ng	98
33) 4-Chloroaniline	10.75	127	89235	12.80	ng	97
34) Hexachlorobutadiene	10.93	225	117962	40.69	ng	96
35) Caprolactam	11.53	113	51038	22.49	ng	97
36) 4-Chloro-3-methylphenol	11.88	107	277516	49.62	ng	99
37) 2-Methylnaphthalene	12.26	142	508126	44.18	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	227489	42.57	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	280894	81.38	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	169054	44.63	ng	97
43) 2,4,5-Trichlorophenol	12.94	196	182204	45.32	ng	97
45) 1,1'-Biphenyl	13.27	154	646190	45.65	ng	99
46) 2-Chloronaphthalene	13.31	162	494632	44.11	ng	99
47) 2-Nitroaniline	13.52	65	201303	51.58	ng	97
48) Acenaphthylene	14.16	152	830633	42.54	ng	99
49) Dimethylphthalate	13.90	163	721783	48.89	ng	100
50) 2,6-Dinitrotoluene	14.02	165	148573	48.47	ng	91
51) Acenaphthene	14.51	154	500627	43.08	ng	96
52) 3-Nitroaniline	14.35	138	97641	28.00	ng	93
53) 2,4-Dinitrophenol	14.55	184	145056	103.46	ng	# 81
54) Dibenzofuran	14.84	168	757622	45.91	ng	98
55) 4-Nitrophenol	14.65	139	290311	98.18	ng	97
56) 2,4-Dinitrotoluene	14.81	165	205172	52.32	ng	96
57) Fluorene	15.49	166	653633	44.74	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	159779	46.06	ng	# 76
59) Diethylphthalate	15.27	149	695452	44.62	ng	98
60) 4-Chlorophenyl-phenylether	15.49	204	319808	43.57	ng	97
61) 4-Nitroaniline	15.51	138	180773	44.71	ng	96
62) Azobenzene	15.77	77	786983	48.76	ng	95
64) 4,6-Dinitro-2-methylphenol	15.56	198	106317	50.48	ng	94
65) n-Nitrosodiphenylamine	15.70	169	570512	44.00	ng	97
66) 4-Bromophenyl-phenylether	16.38	248	193619	45.41	ng	95
67) Hexachlorobenzene	16.49	284	205202	45.64	ng	97
68) Atrazine	16.65	200	221131	47.39	ng	97
69) Pentachlorophenol	16.83	266	263926	90.42	ng	96
70) Phenanthrene	17.23	178	964690	44.13	ng	99
71) Anthracene	17.32	178	966059	43.81	ng	100
72) Carbazole	17.58	167	935286	44.61	ng	100
73) Di-n-butylphthalate	18.15	149	1180384	43.43	ng	98
74) Fluoranthene	19.24	202	1078129	42.51	ng	97
76) Benzidine	19.43	184	198563	14.19	ng	99
77) Pyrene	19.61	202	1085713	44.66	ng	100
79) Butylbenzylphthalate	20.50	149	533597	46.18	ng	95
80) Benzo(a)anthracene	21.34	228	1000683	45.29	ng	99
81) 3,3'-Dichlorobenzidine	21.28	252	220596	25.57	ng	94
82) Chrysene	21.40	228	936967	45.27	ng	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	742918	47.01	ng	100
84) Di-n-octyl phthalate	22.18	149	1245745	46.92	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.04	276	1124060	45.58	ng	# 100
87) Benzo(b)fluoranthene	22.97	252	1033926	47.24	ng	98
88) Benzo(k)fluoranthene	23.02	252	942776	44.77	ng	99
89) Benzo(a)pyrene	23.57	252	965639	47.31	ng	97
90) Dibenzo(a,h)anthracene	26.05	278	945860	45.37	ng	99
91) Benzo(g,h,i)perylene	26.76	276	919161	46.30	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. 0.00 min

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11MSD

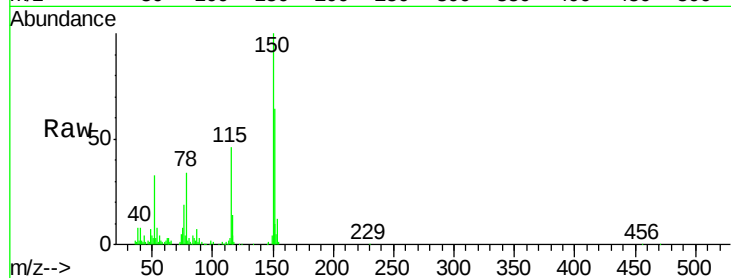
Tgt Ion:152 Resp: 66246

Ion Ratio Lower Upper

152 100

150 155.3 121.0 181.4

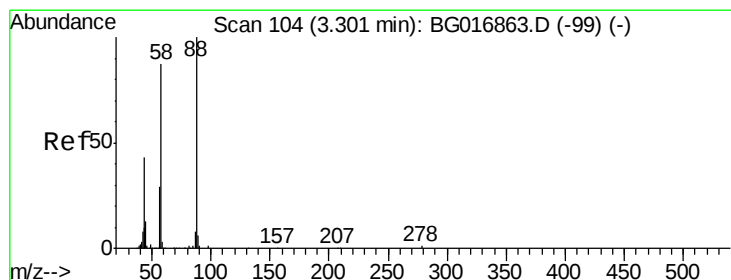
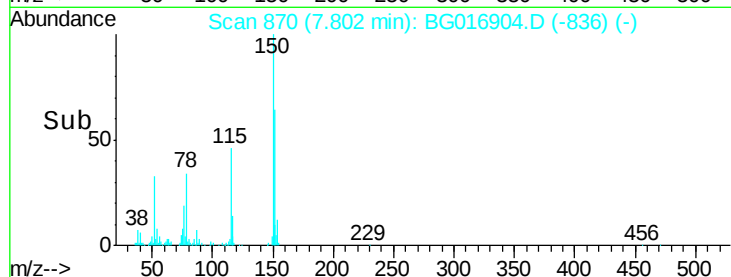
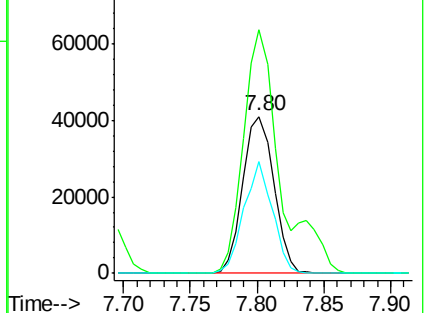
115 71.1 50.5 75.7



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: 38.12 ng

RT: 3.30 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

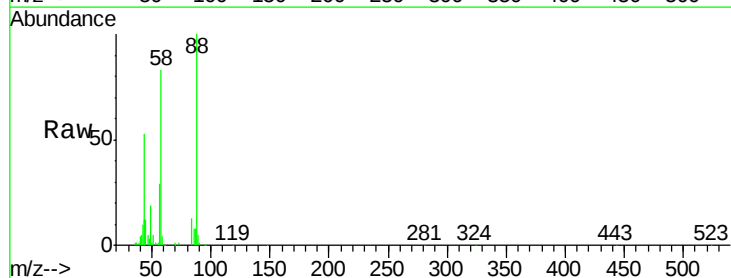
Tgt Ion: 88 Resp: 60776

Ion Ratio Lower Upper

88 100

58 89.0 0.1 0.1#

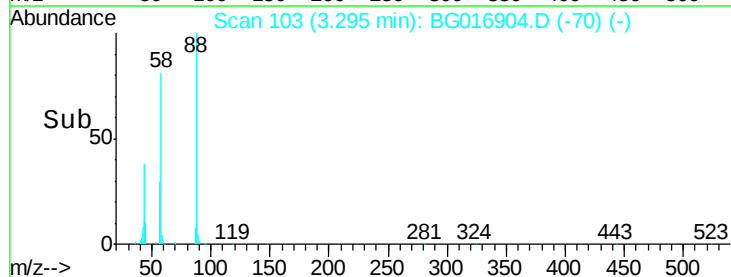
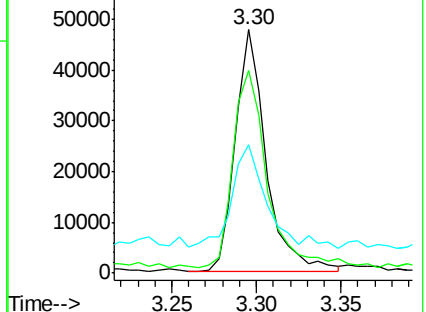
43 48.5 1.3 1.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.30 ng

RT: 3.68 min Scan# 169

Delta R.T. -0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

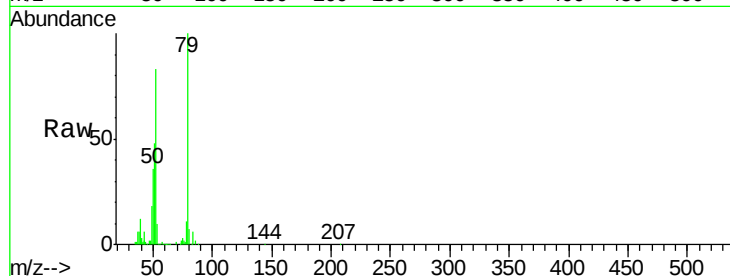
Tgt Ion: 79 Resp: 144402

Ion Ratio Lower Upper

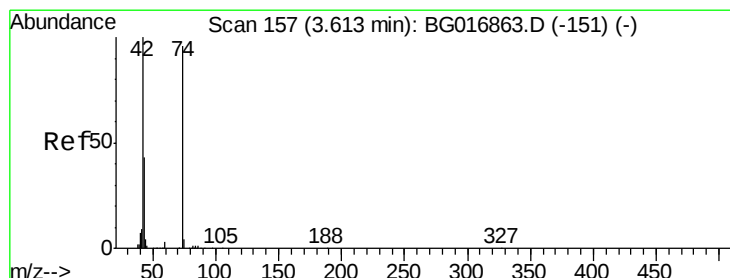
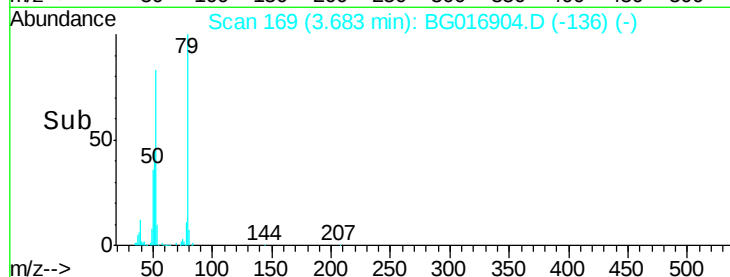
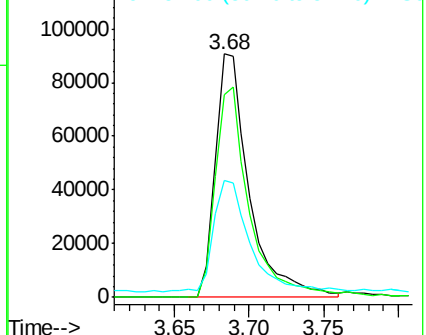
79 100

52 83.0 68.5 102.7

51 47.8 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 45.91 ng

RT: 3.61 min Scan# 156

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

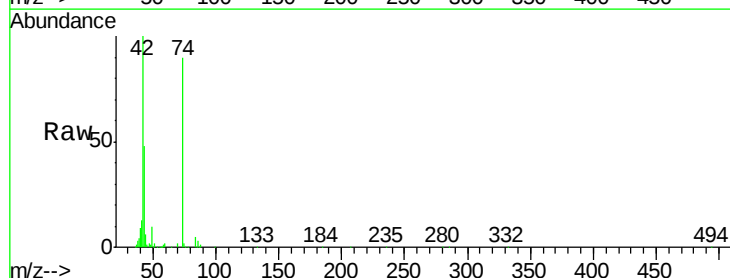
Tgt Ion: 42 Resp: 135080

Ion Ratio Lower Upper

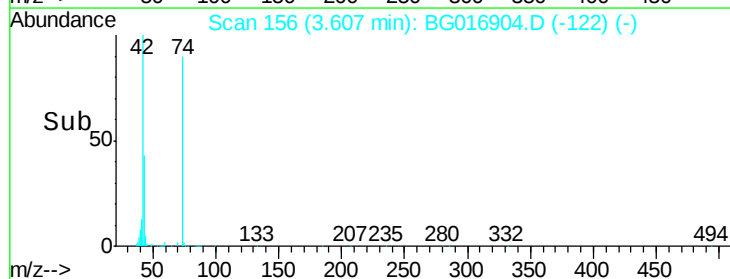
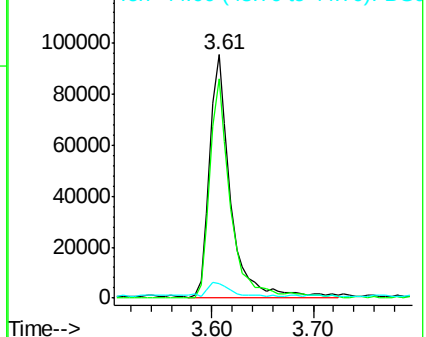
42 100

74 89.8 76.2 114.2

44 6.1 4.9 7.3



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





#5

2-Fluorophenol

Concen: 167.03 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampled :

11MSD

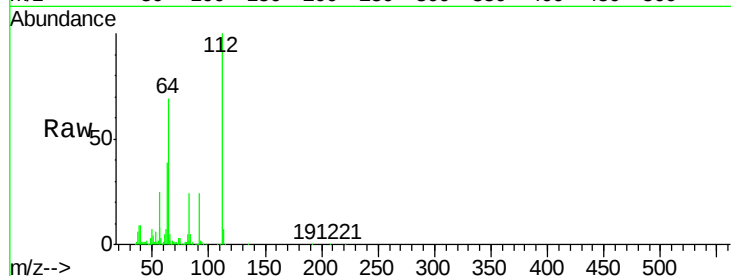
Tgt Ion: 112 Resp: 635467

Ion Ratio Lower Upper

112 100

64 69.2 51.4 77.2

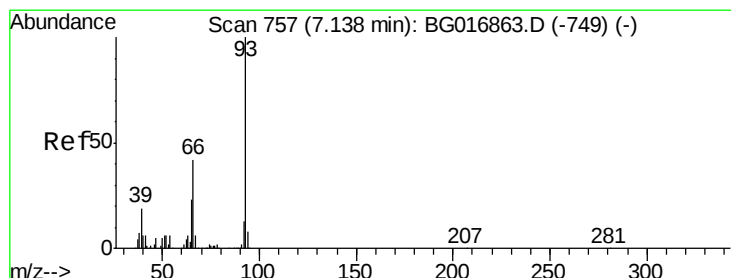
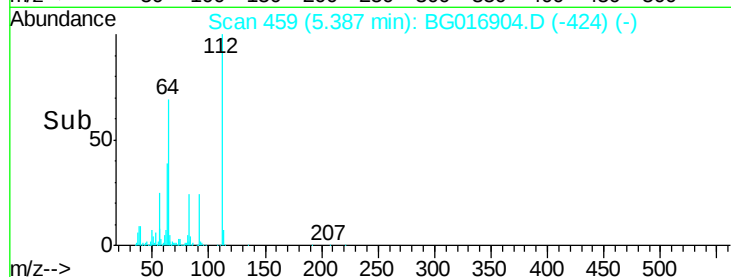
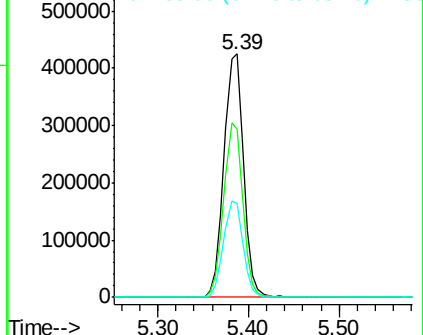
63 38.7 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.25 ng

RT: 7.13 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

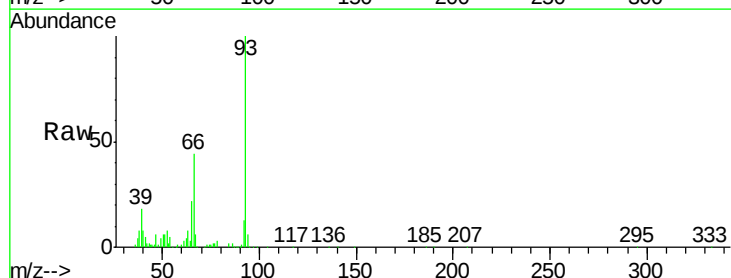
Tgt Ion: 93 Resp: 192751

Ion Ratio Lower Upper

93 100

66 44.1 33.8 50.6

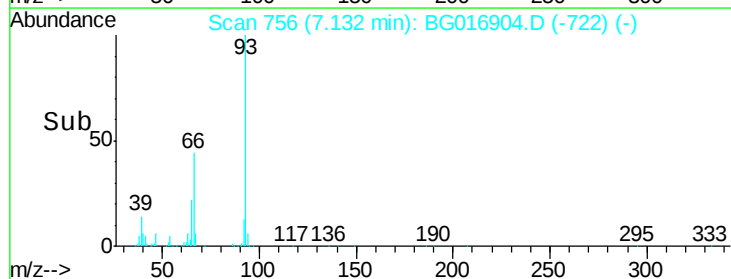
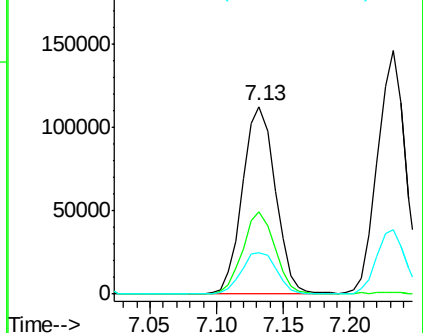
65 21.8 18.7 28.1

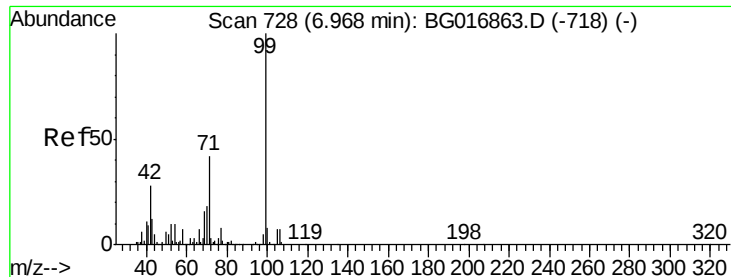


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.84 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

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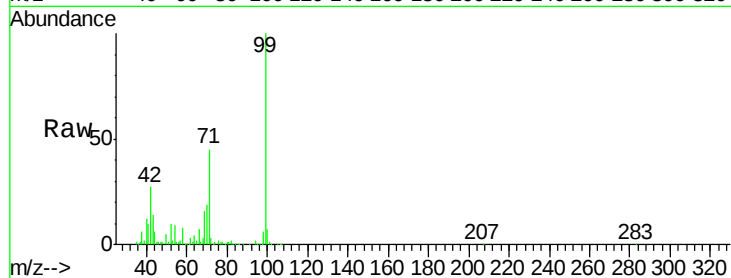
Tgt Ion: 99 Resp: 901426

Ion Ratio Lower Upper

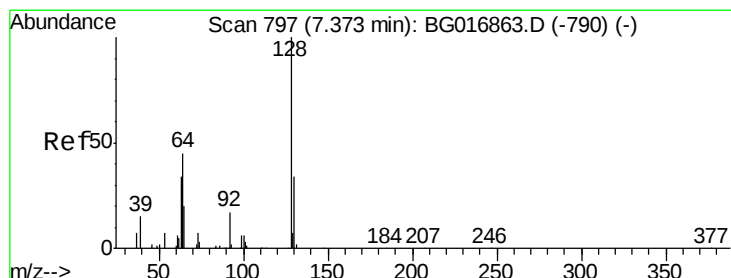
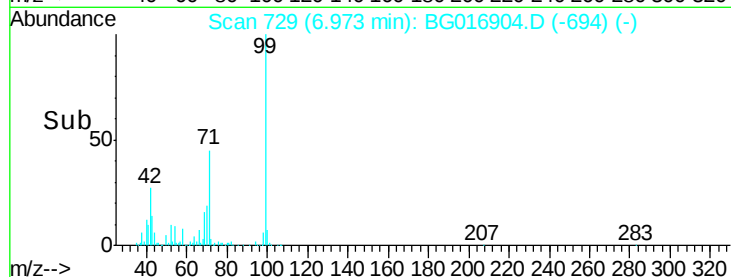
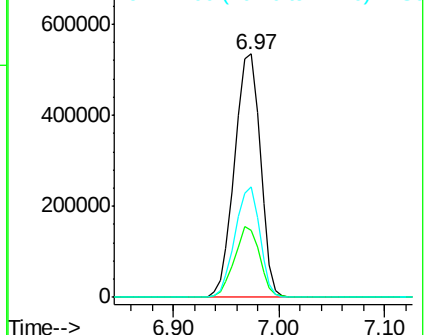
99 100

42 27.5 22.1 33.1

71 45.2 33.4 50.0



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



#8

2-Chlorophenol

Concen: 49.89 ng

RT: 7.37 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

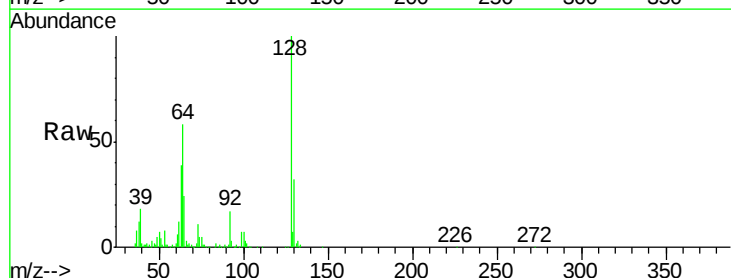
Tgt Ion: 128 Resp: 219874

Ion Ratio Lower Upper

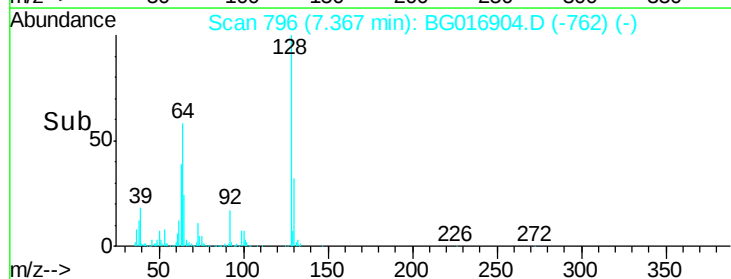
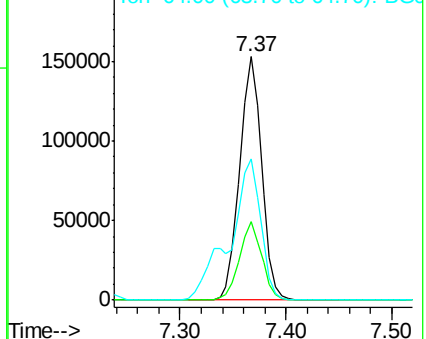
128 100

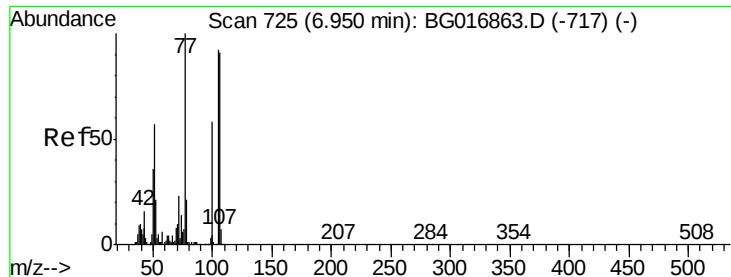
130 32.2 14.4 54.4

64 58.1 38.4 78.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.77 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

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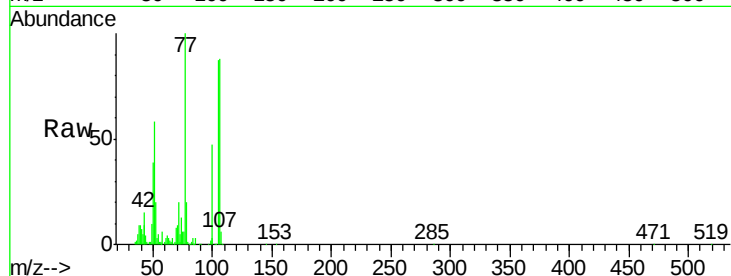
Tgt Ion: 77 Resp: 126723

Ion Ratio Lower Upper

77 100

105 86.8 71.6 111.6

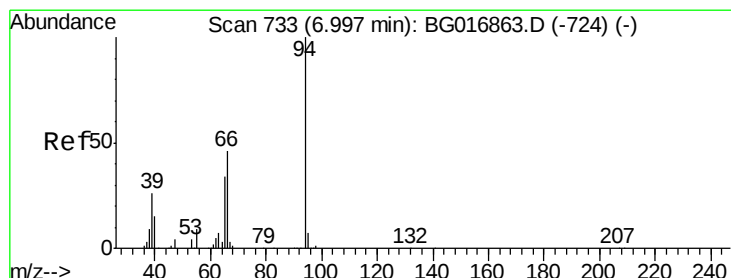
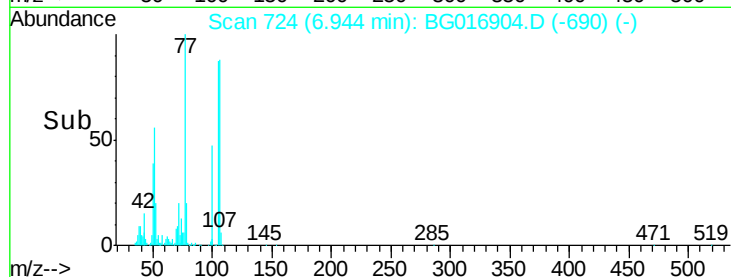
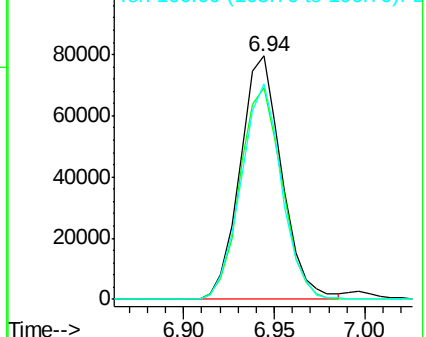
106 88.4 71.5 111.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.86 ng

RT: 7.00 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

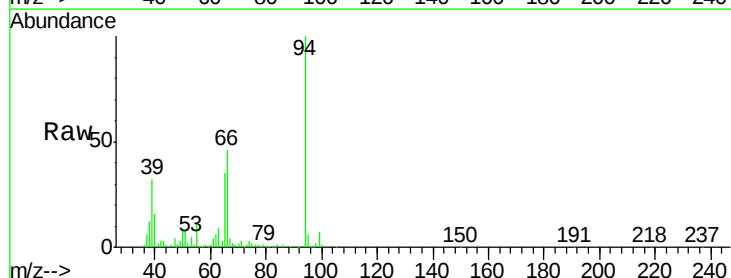
Tgt Ion: 94 Resp: 308103

Ion Ratio Lower Upper

94 100

65 34.8 14.3 54.3

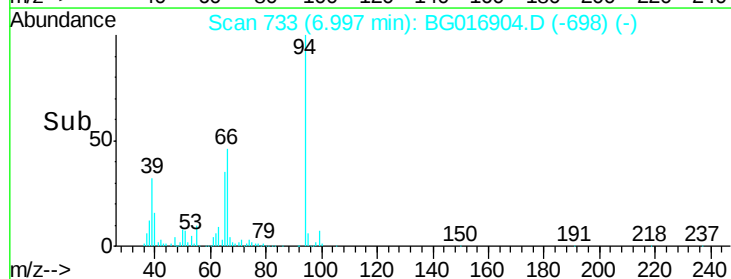
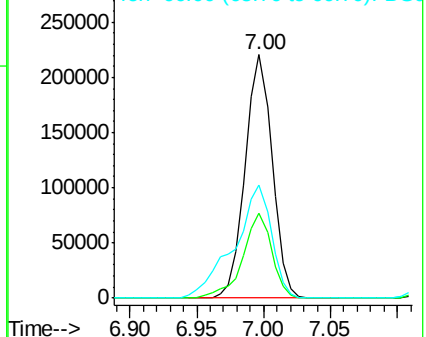
66 46.3 26.9 66.9

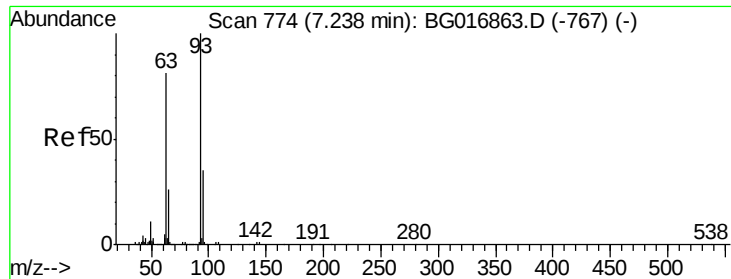


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



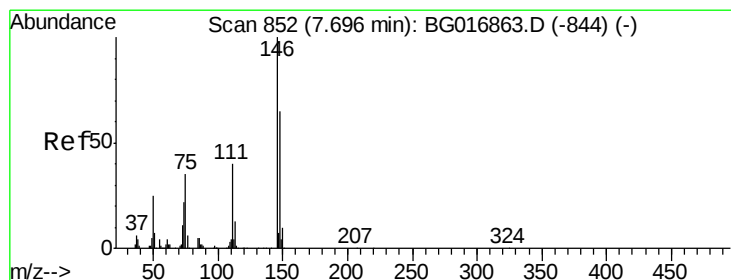
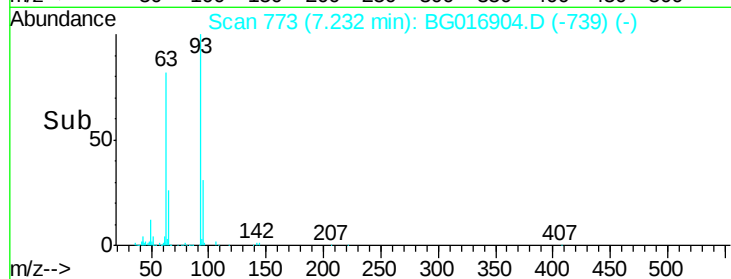
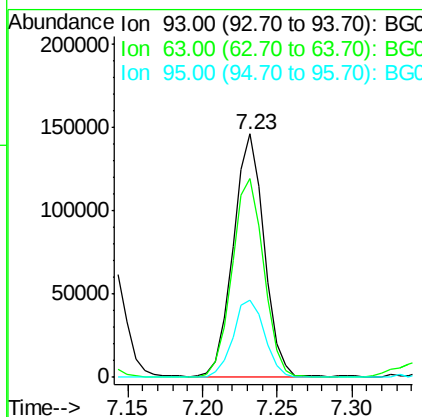
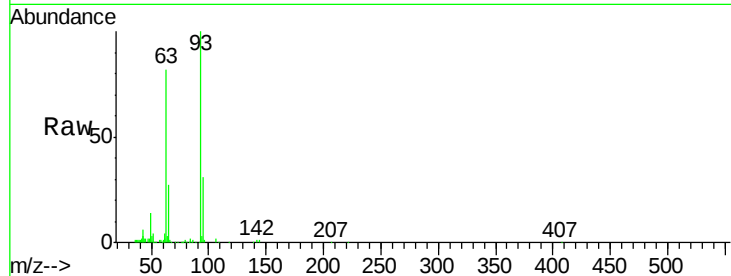


#11
bis(2-Chloroethyl)ether
Concen: 46.98 ng
RT: 7.23 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion: 93 Resp: 211730

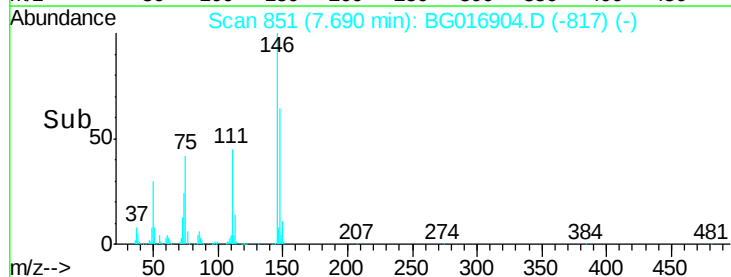
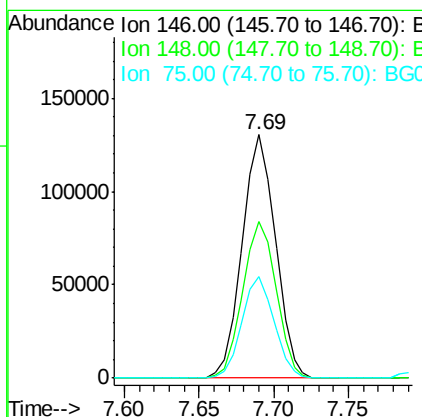
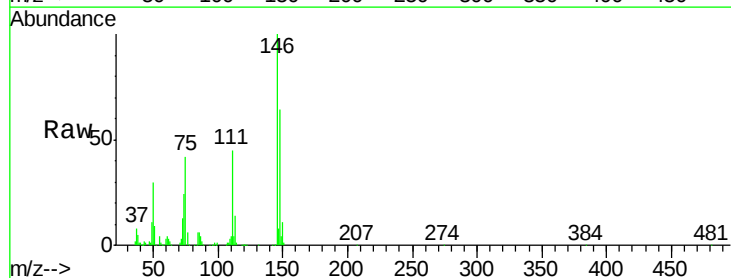
Ion	Ratio	Lower	Upper
93	100		
63	81.9	61.2	101.2
95	31.5	15.0	55.0

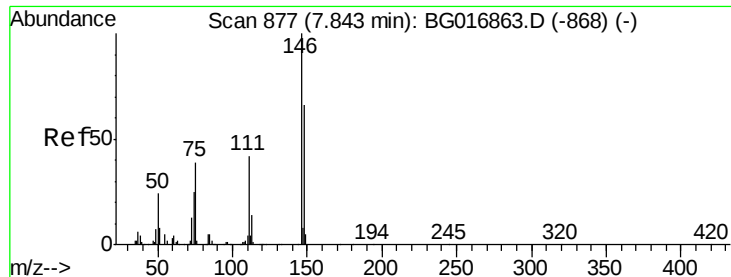


#12
1,3-Dichlorobenzene
Concen: 41.54 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion: 146 Resp: 201896

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
75	41.6	28.2	42.2

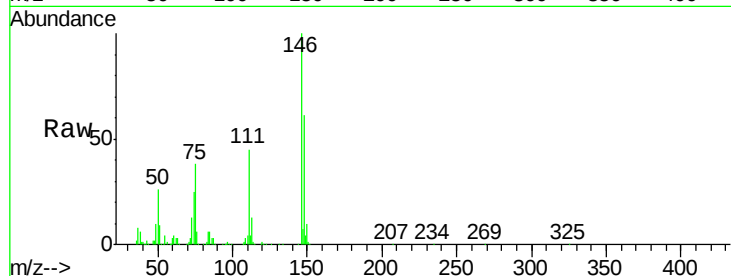




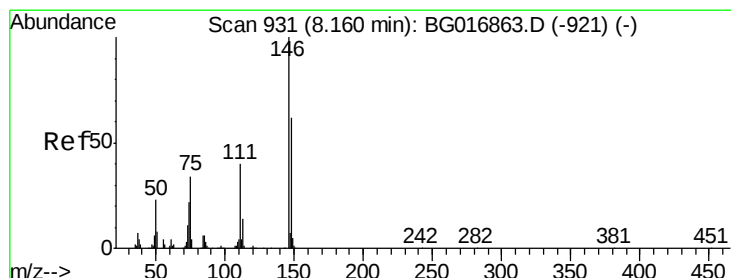
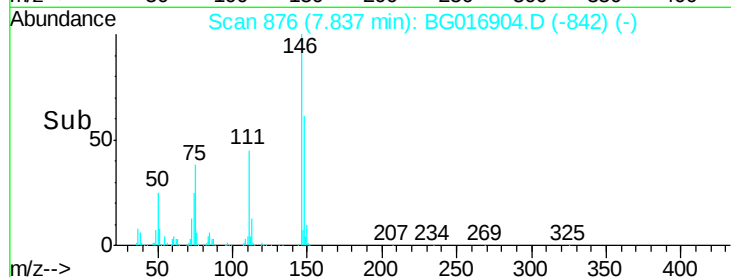
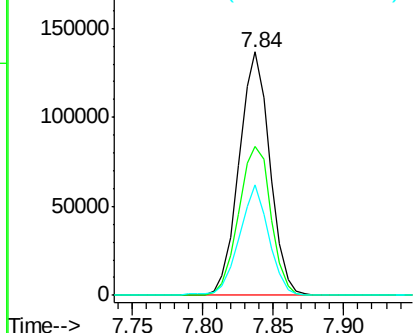
#13
 1,4-Dichlorobenzene
 Concen: 42.25 ng
 RT: 7.84 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Instrument :
 BNA_G
 ClientSampleId :
 11MSD

Tgt Ion:146 Resp: 207983
 Ion Ratio Lower Upper
 146 100
 148 61.2 52.8 79.2
 111 45.2 33.9 50.9

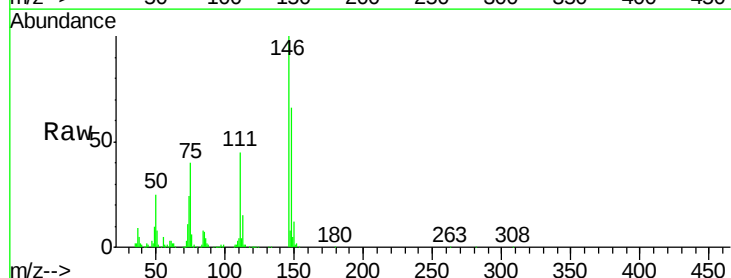


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

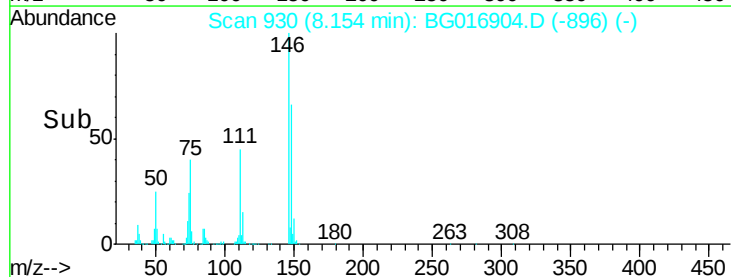
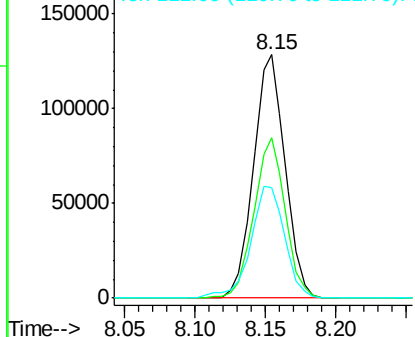


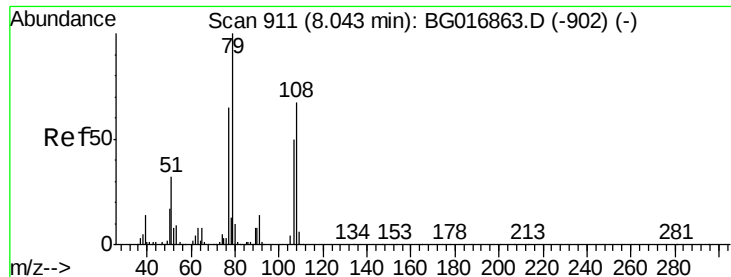
#14
 1,2-Dichlorobenzene
 Concen: 42.75 ng
 RT: 8.15 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion:146 Resp: 201972
 Ion Ratio Lower Upper
 146 100
 148 65.8 49.9 74.9
 111 45.4 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.50 ng

RT: 8.04 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

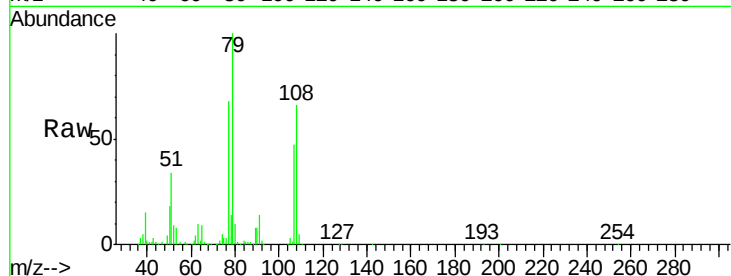
Tgt Ion: 79 Resp: 240774

Ion Ratio Lower Upper

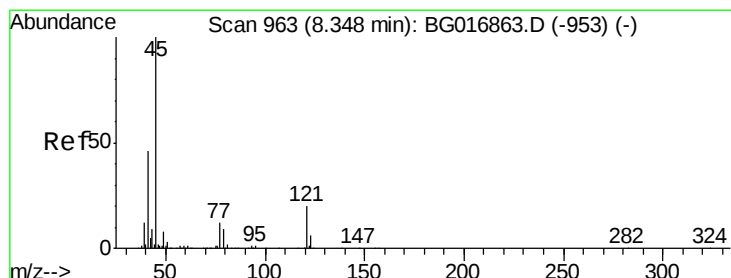
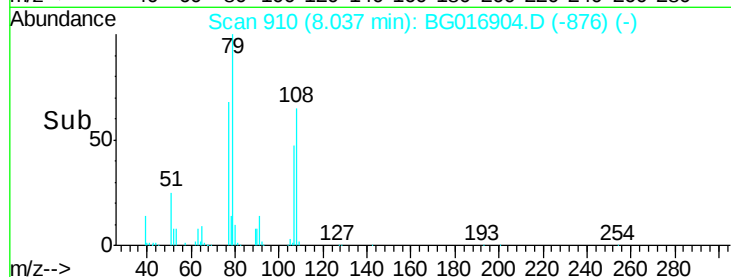
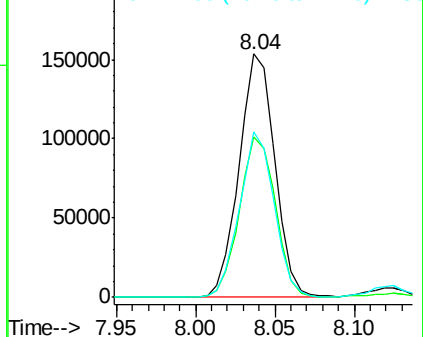
79 100

108 65.9 53.4 80.2

77 68.0 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.73 ng

RT: 8.34 min Scan# 961

Delta R.T. -0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

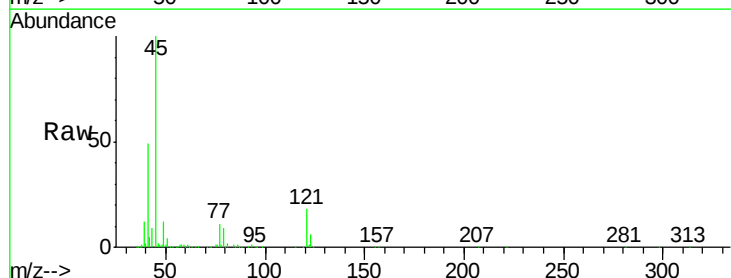
Tgt Ion: 45 Resp: 381514

Ion Ratio Lower Upper

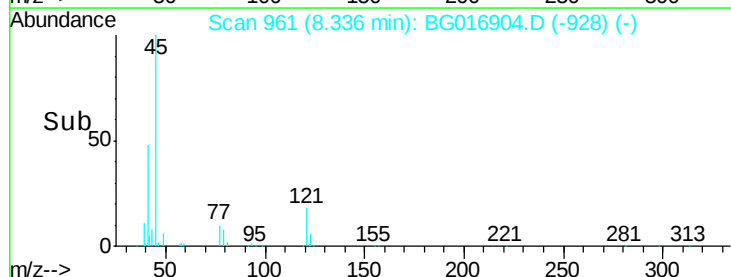
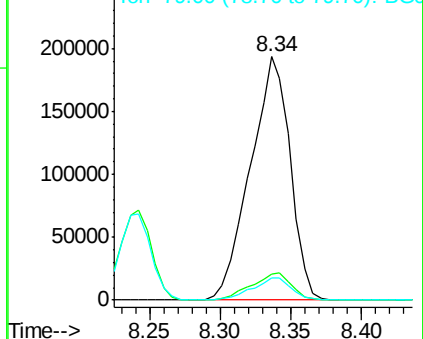
45 100

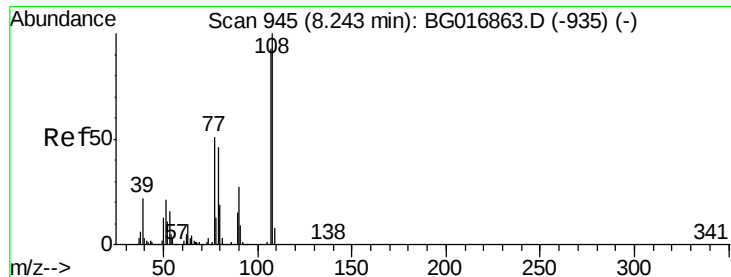
77 10.9 0.0 31.8

79 8.9 0.0 29.1



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

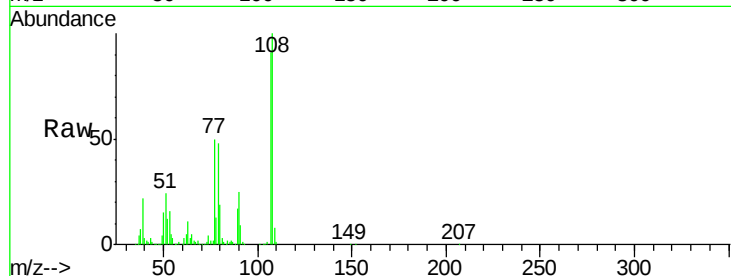




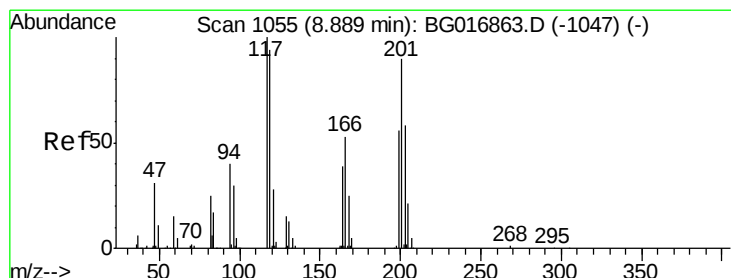
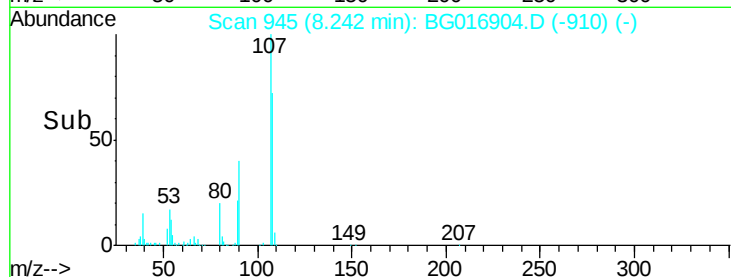
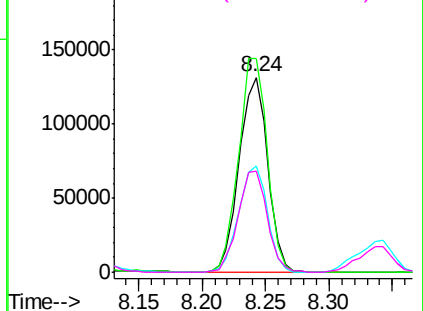
#17
2-Methylphenol
Concen: 50.09 ng
RT: 8.24 min Scan# 945
Delta R.T. 0.01 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion:	107	Resp:	205595
Ion	Ratio	Lower	Upper
107	100		
108	109.5	85.9	128.9
77	54.7	43.8	65.6
79	52.1	39.8	59.6

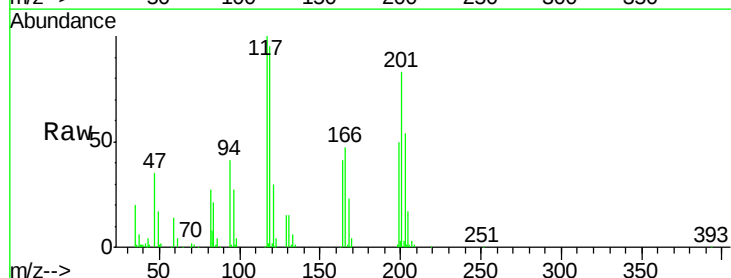


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

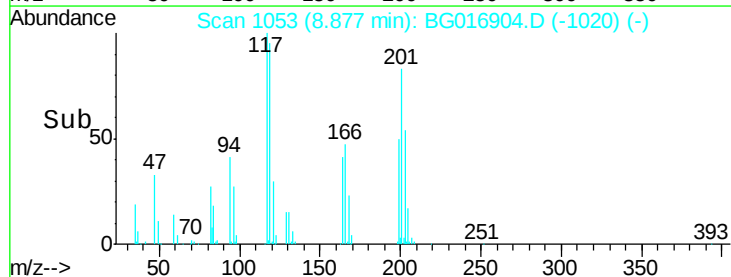
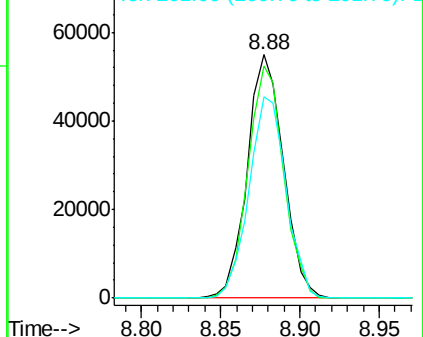


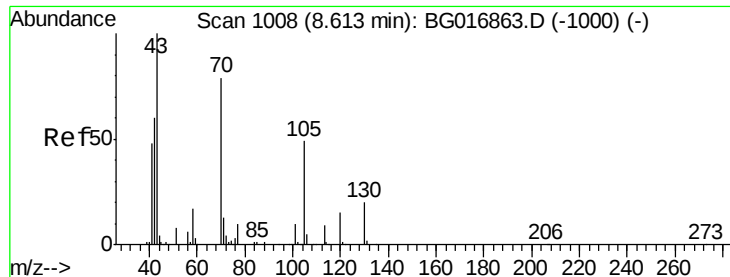
#18
Hexachloroethane
Concen: 42.95 ng
RT: 8.88 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:	117	Resp:	86906
Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.8	112.2
201	82.6	72.1	108.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.86 ng

RT: 8.61 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

Tgt Ion: 70 Resp: 209031

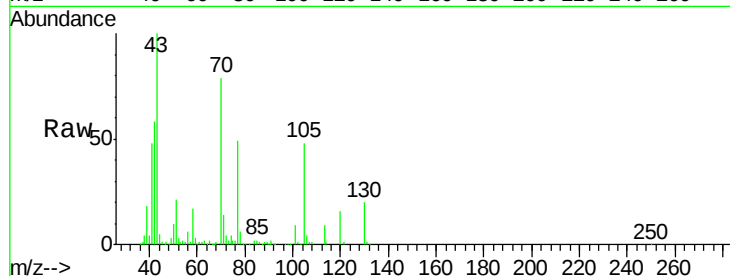
Ion Ratio Lower Upper

70 100

42 72.8 61.5 92.3

101 11.0 9.8 14.6

130 25.1 20.2 30.4



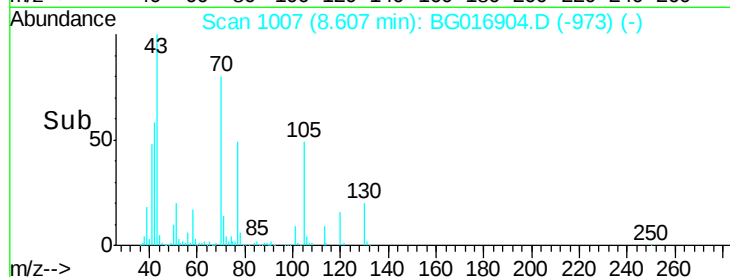
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

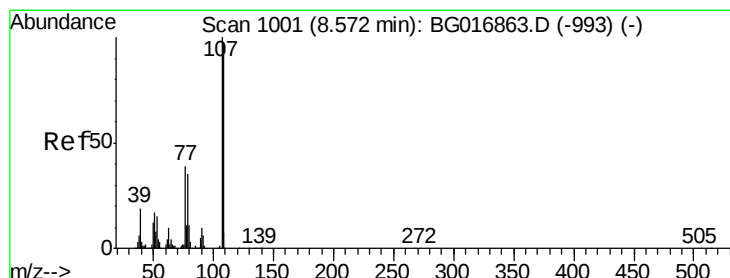
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 49.57 ng

RT: 8.57 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Tgt Ion: 107 Resp: 280366

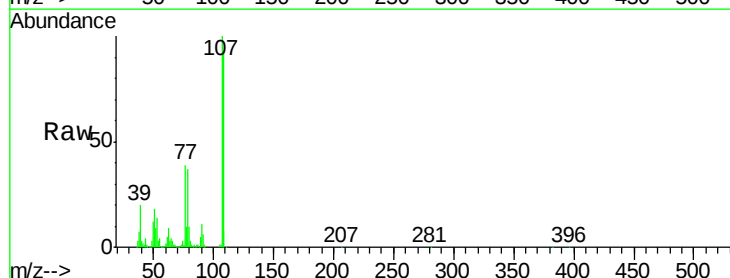
Ion Ratio Lower Upper

107 100

108 92.9 76.6 116.6

77 39.4 19.0 59.0

79 36.8 15.0 55.0



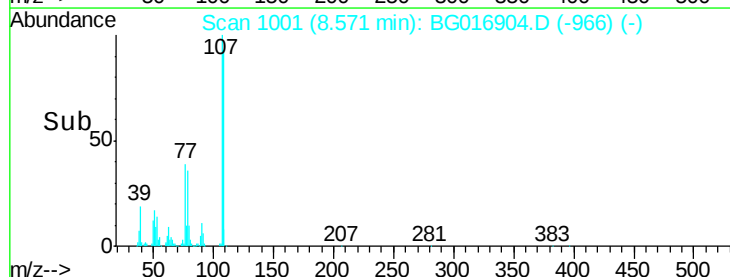
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

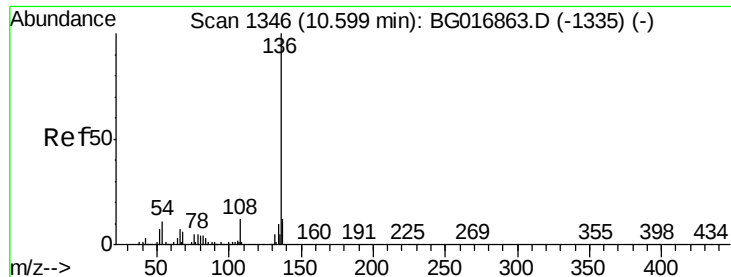
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



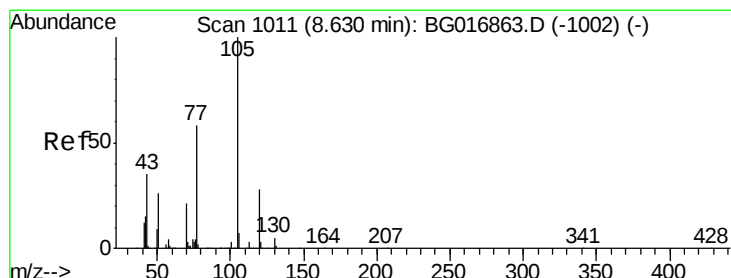
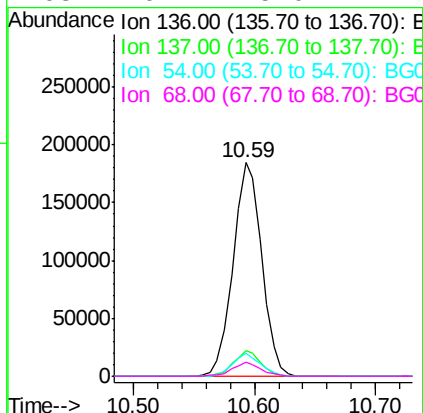
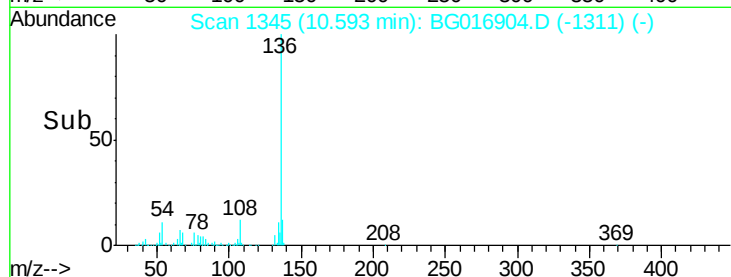
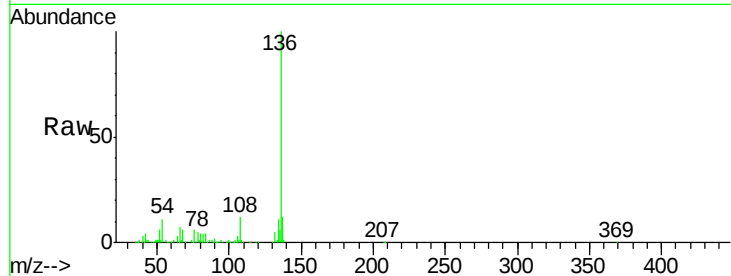
Time-->



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

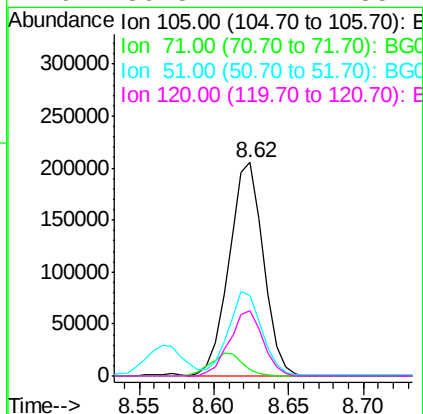
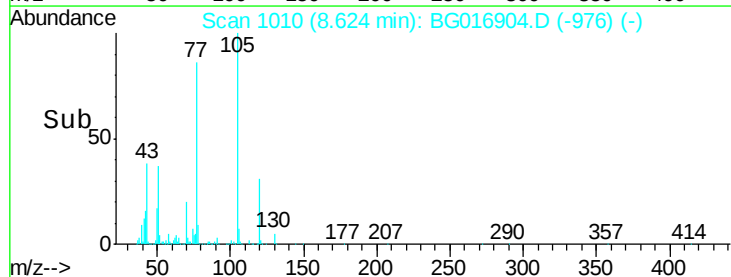
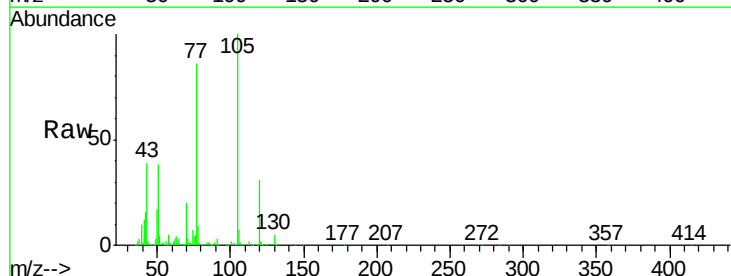
Instrument :
BNA_G
ClientSampled :
11MSD

Tgt Ion:	136	Resp:	303556
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.8
54	11.0	8.7	13.1
68	6.4	5.0	7.4



#22
Acetophenone
Concen: 45.58 ng
RT: 8.62 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:	105	Resp:	329555
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	37.7	29.4	44.2
120	30.8	22.2	33.4

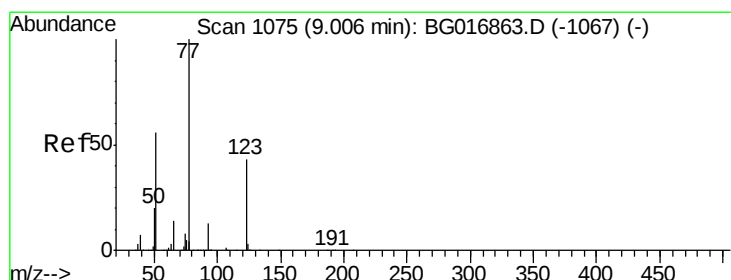
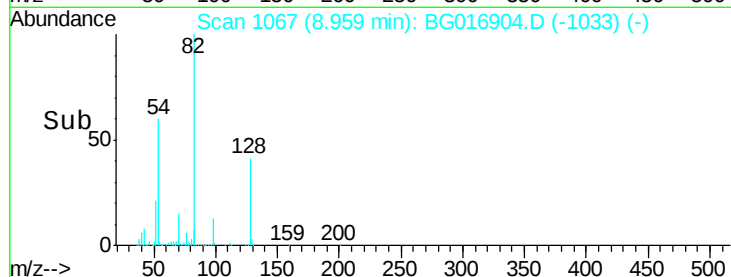
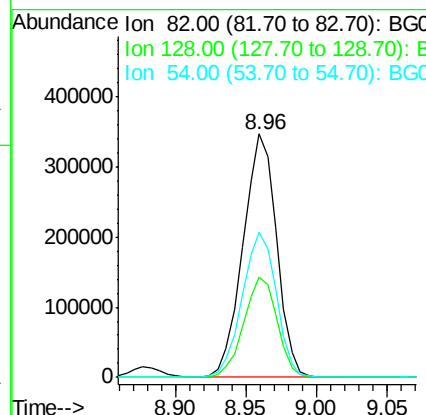
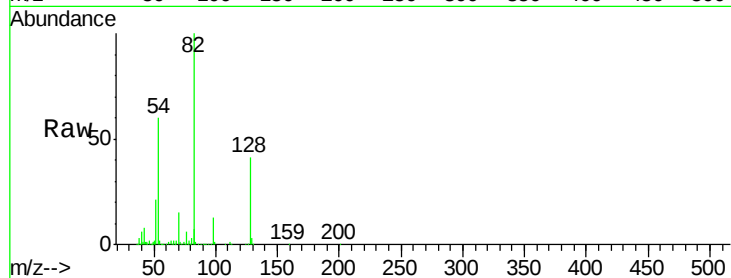




#23
 Nitrobenzene-d5
 Concen: 93.05 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

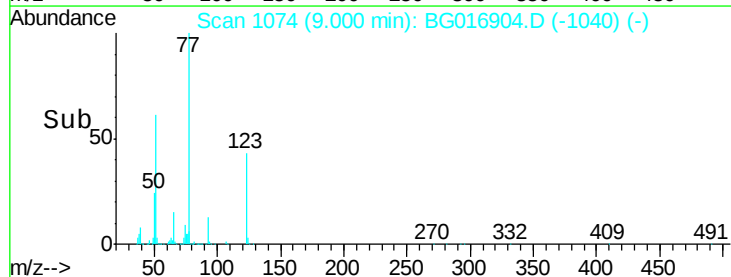
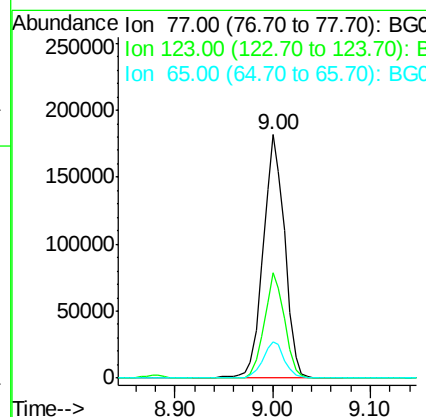
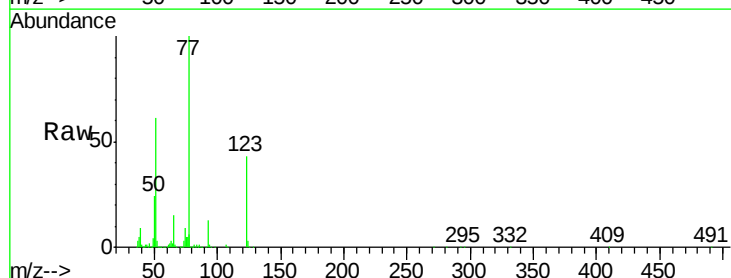
Instrument :
 BNA_G
 ClientSampleId :
 11MSD

Tgt Ion: 82 Resp: 578183
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.2 49.8
 54 59.6 48.6 72.8



#24
 Nitrobenzene
 Concen: 44.94 ng
 RT: 9.00 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion: 77 Resp: 281995
 Ion Ratio Lower Upper
 77 100
 123 43.0 34.0 51.0
 65 14.7 11.2 16.8





#25

Isophorone

Concen: 42.87 ng

RT: 9.52 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

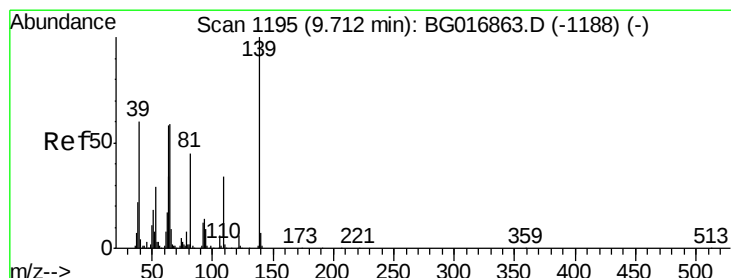
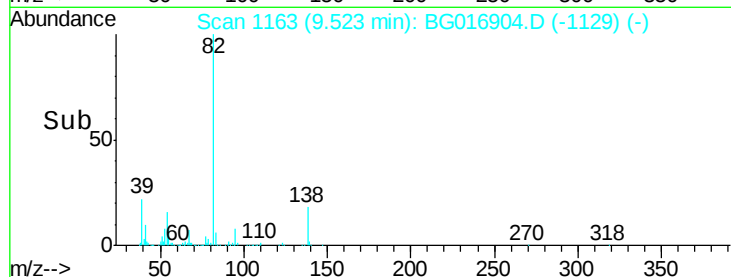
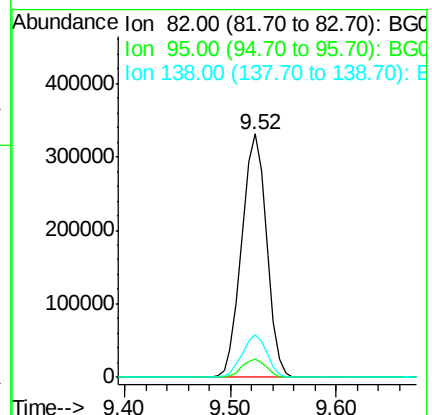
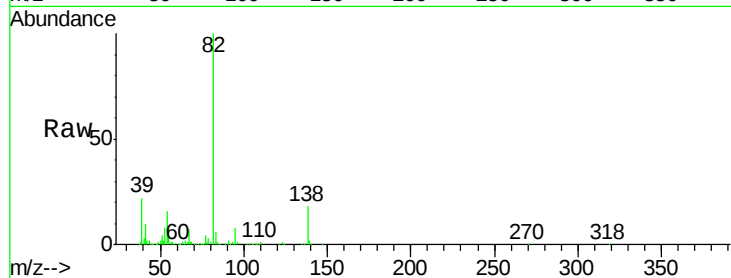
Tgt Ion: 82 Resp: 537923

Ion Ratio Lower Upper

82 100

95 7.6 6.7 10.1

138 17.7 14.7 22.1



#26

2-Nitrophenol

Concen: 48.05 ng

RT: 9.71 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

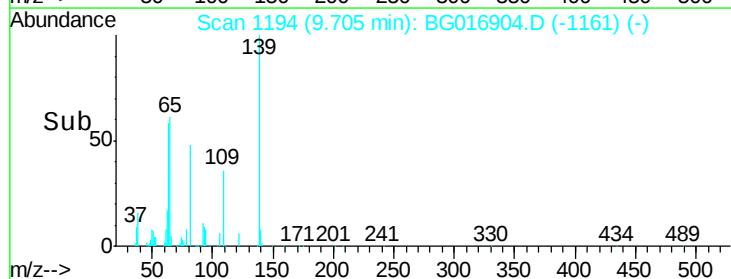
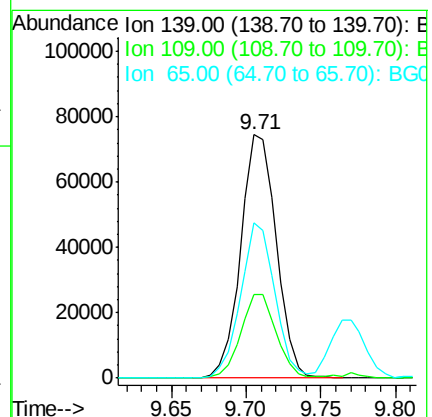
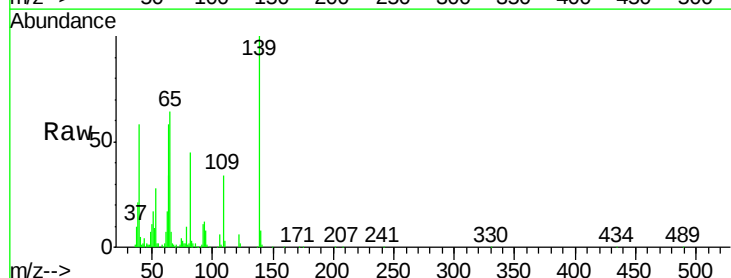
Tgt Ion: 139 Resp: 122774

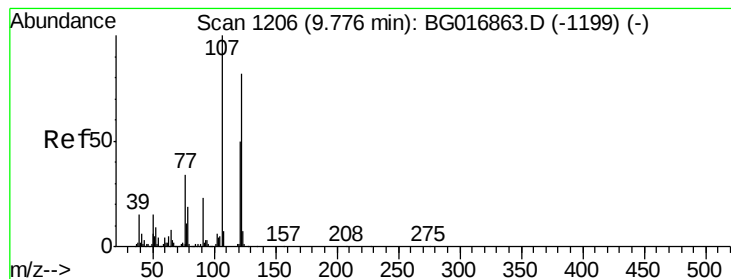
Ion Ratio Lower Upper

139 100

109 34.2 27.4 41.2

65 63.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 47.28 ng

RT: 9.77 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

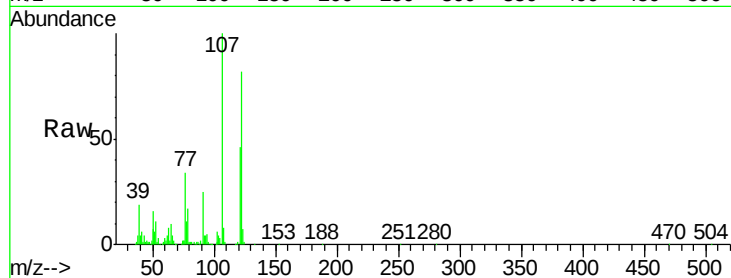
Tgt Ion:122 Resp: 218620

Ion Ratio Lower Upper

122 100

107 122.5 97.6 146.4

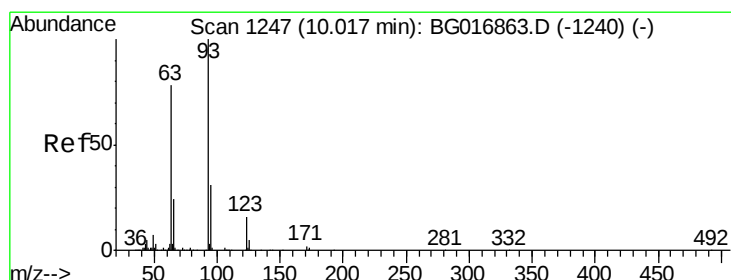
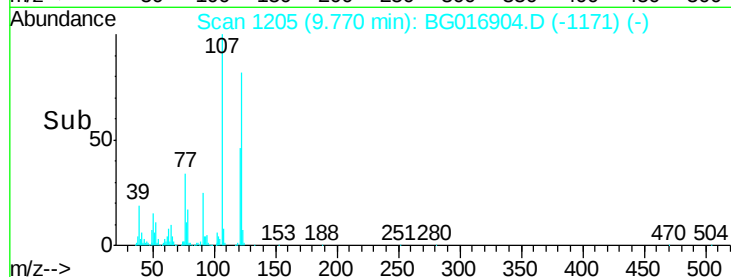
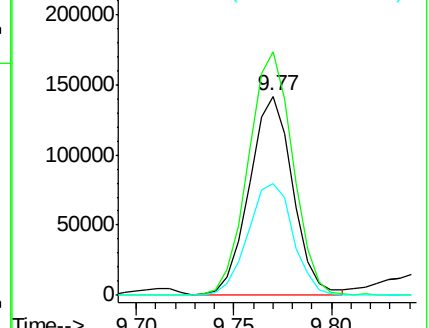
121 56.1 48.4 72.6



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: 45.20 ng

RT: 10.01 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

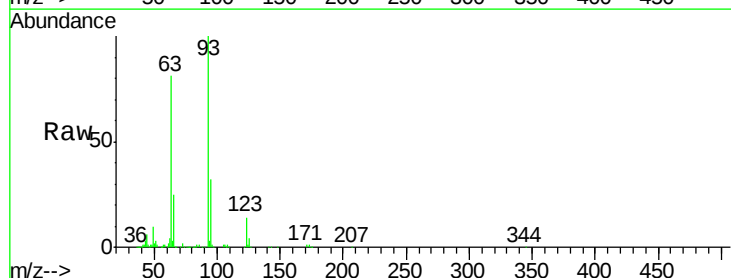
Tgt Ion: 93 Resp: 286287

Ion Ratio Lower Upper

93 100

95 32.2 24.8 37.2

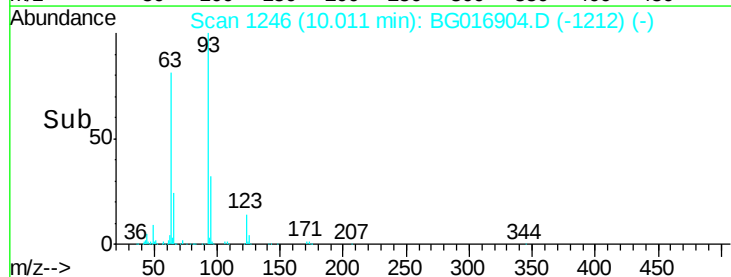
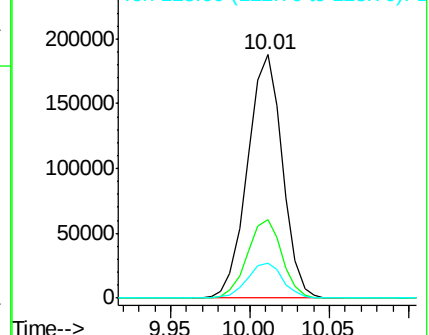
123 14.4 12.6 19.0

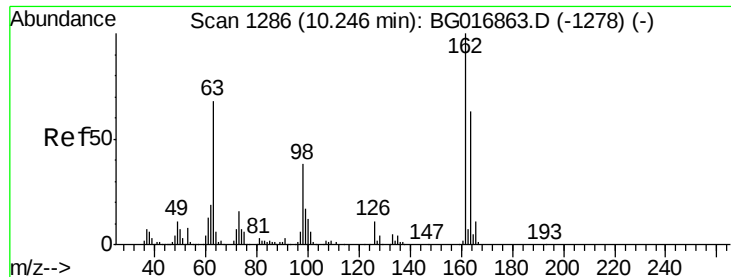


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

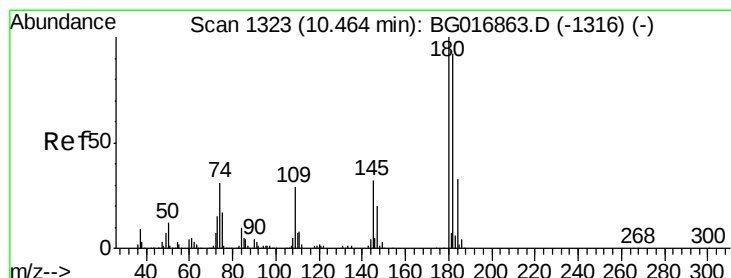
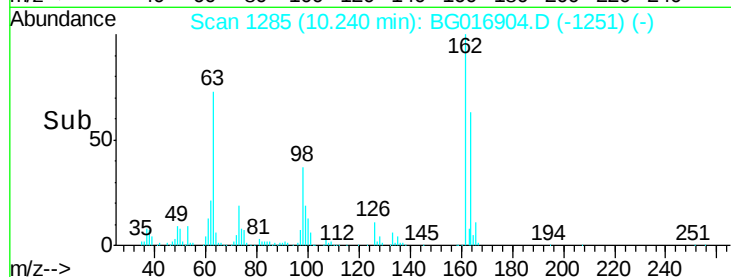
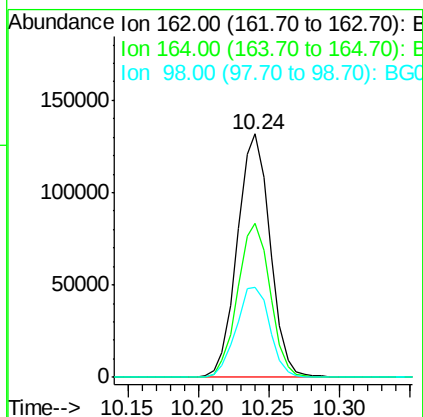
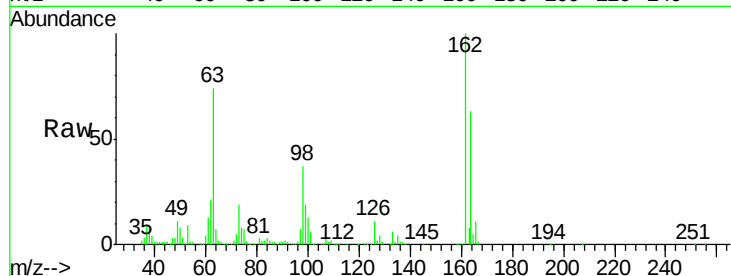




#29
2,4-Dichlorophenol
Concen: 48.94 ng
RT: 10.24 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

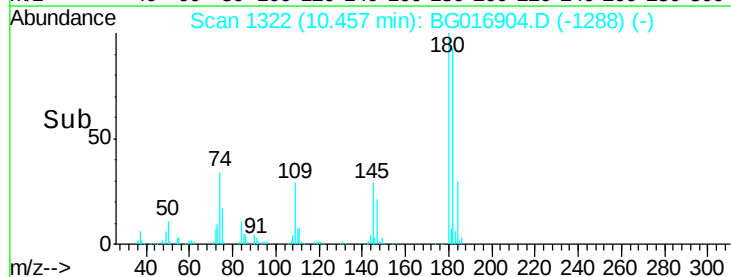
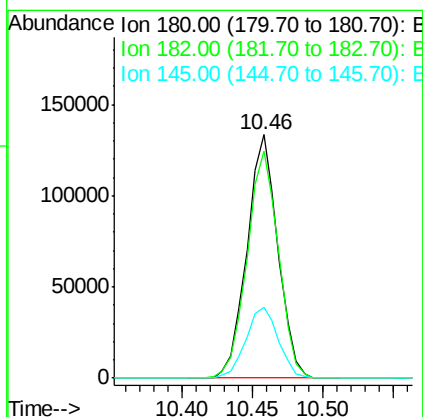
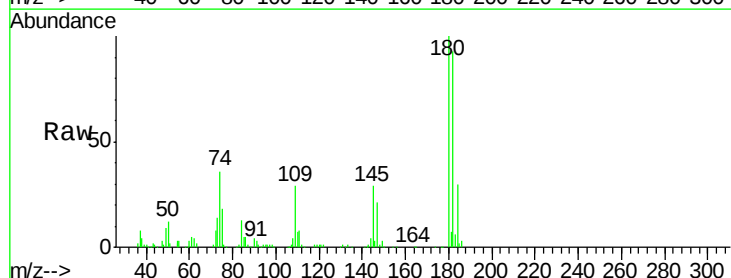
Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion:162 Resp: 213790
Ion Ratio Lower Upper
162 100
164 63.4 42.9 82.9
98 37.0 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 44.22 ng
RT: 10.46 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:180 Resp: 204834
Ion Ratio Lower Upper
180 100
182 93.4 73.8 110.8
145 29.0 25.4 38.0

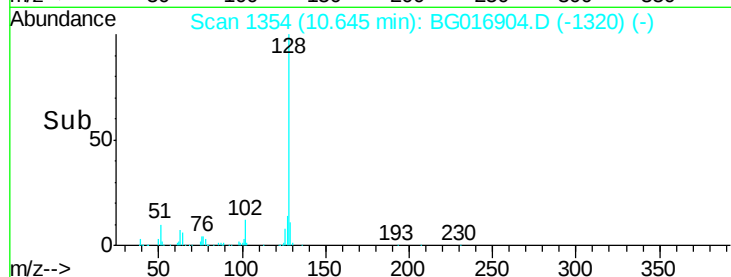
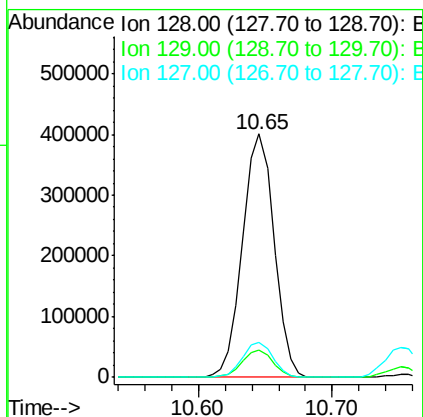
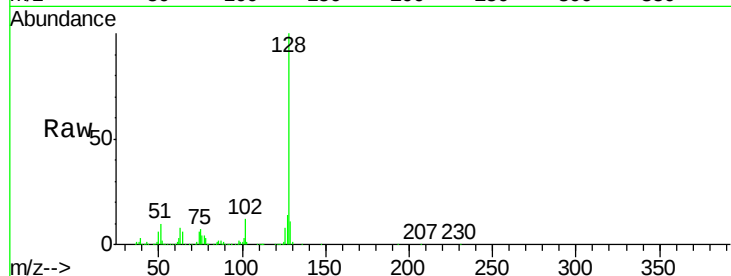




#31
Naphthalene
Concen: 43.34 ng
RT: 10.65 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

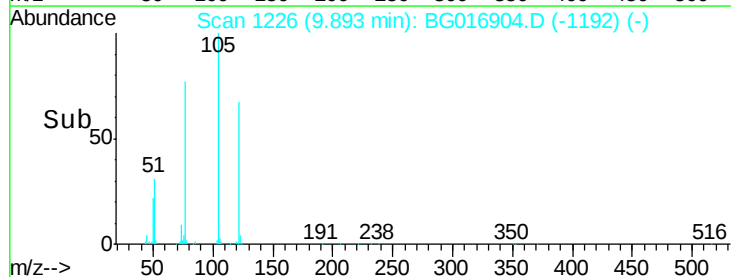
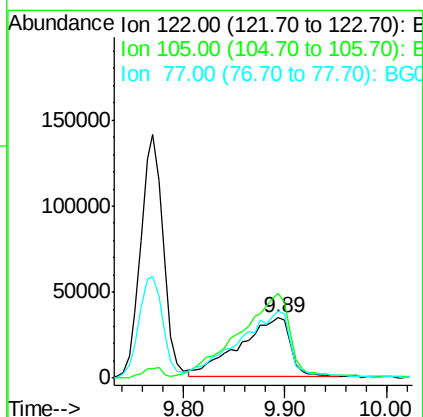
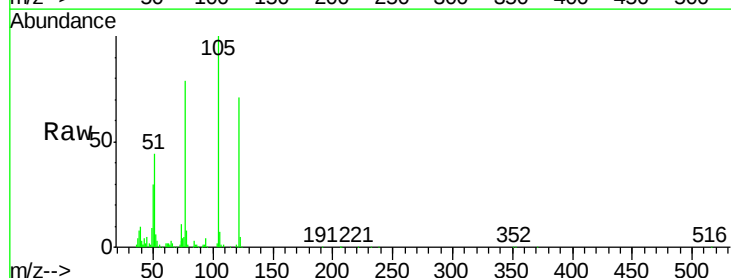
Instrument :
BNA_G
ClientSampleId :
11MSD

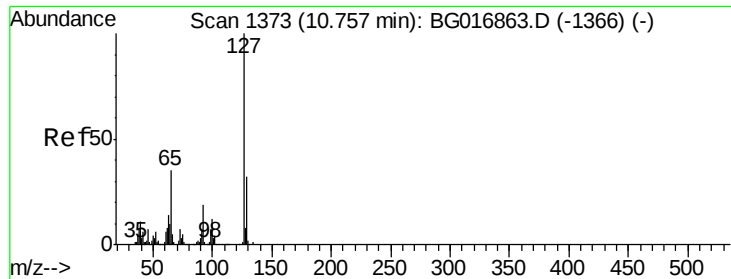
Tgt Ion:128 Resp: 654400
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 14.4 10.9 16.3



#32
Benzoic acid
Concen: 43.74 ng
RT: 9.89 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:122 Resp: 118373
Ion Ratio Lower Upper
122 100
105 141.5 123.2 163.2
77 111.1 93.0 133.0

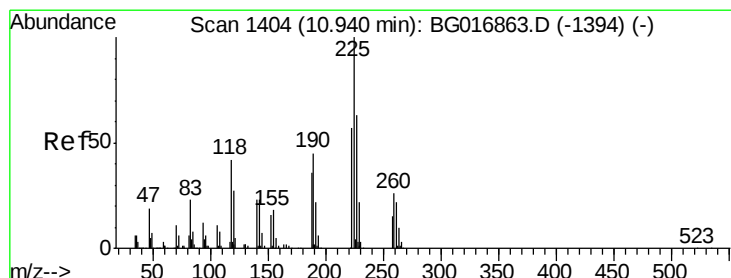
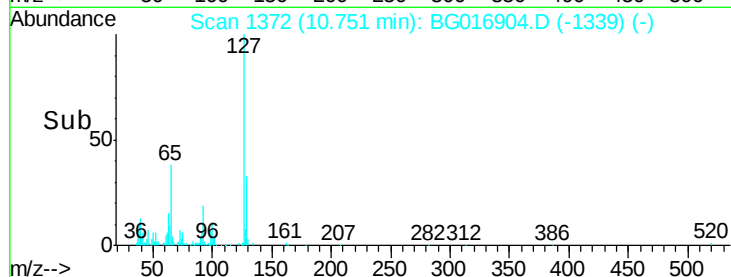
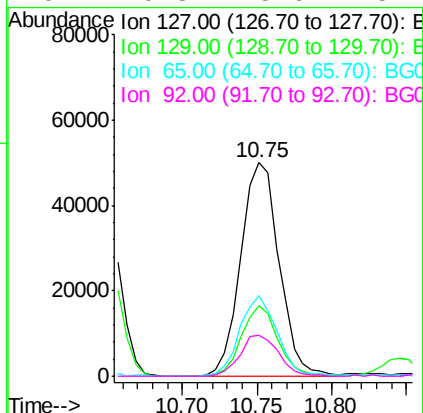
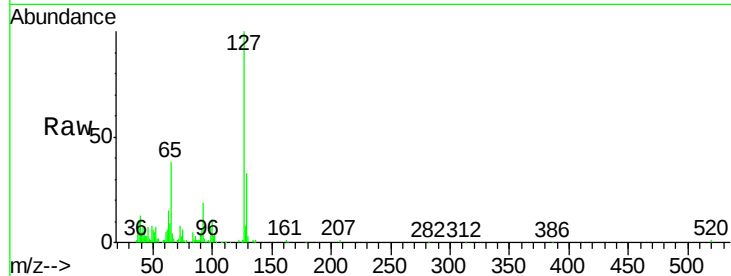




#33
4-Chloroaniline
Concen: 12.80 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

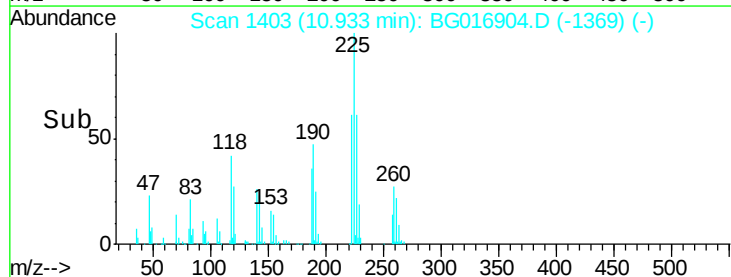
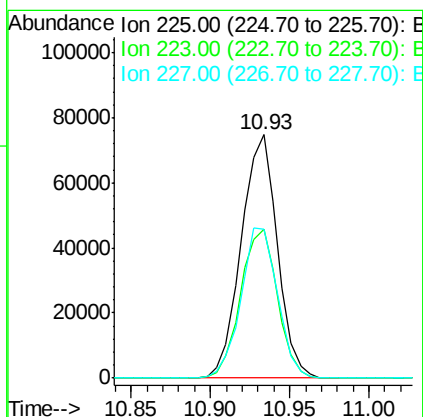
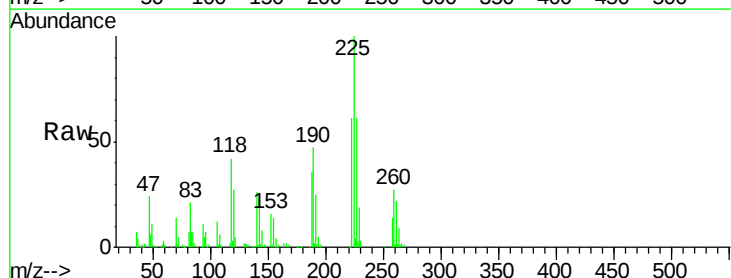
Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion:	127	Resp:	89235
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	38.0	28.2	42.2
92	19.3	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.69 ng
RT: 10.93 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:	225	Resp:	117962
Ion	Ratio	Lower	Upper
225	100		
223	60.9	45.8	68.6
227	60.9	50.7	76.1





#35

Caprolactam

Concen: 22.49 ng

RT: 11.53 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

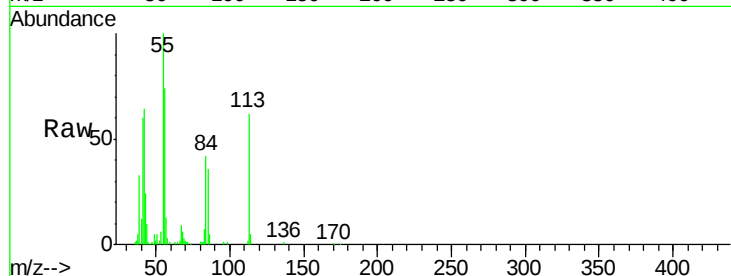
Tgt Ion:113 Resp: 51038

Ion Ratio Lower Upper

113 100

55 160.6 137.1 177.1

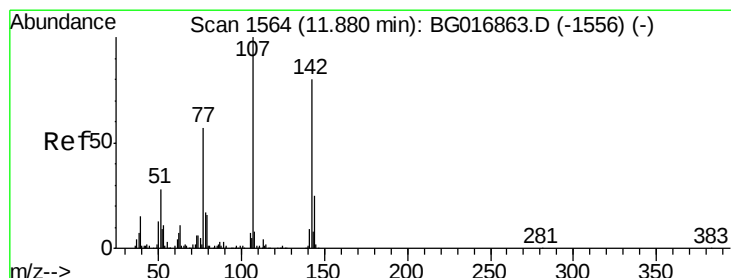
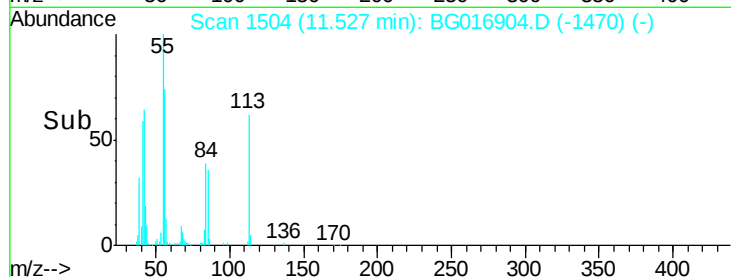
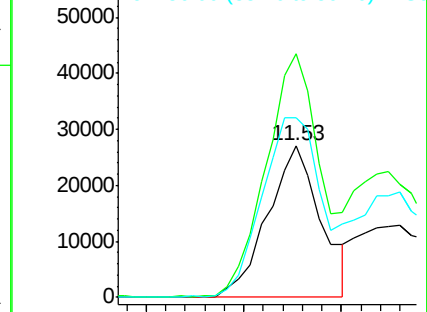
56 118.3 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.62 ng

RT: 11.88 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

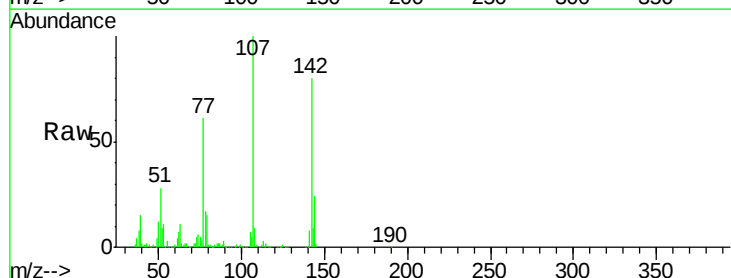
Tgt Ion:107 Resp: 277516

Ion Ratio Lower Upper

107 100

144 23.9 20.2 30.2

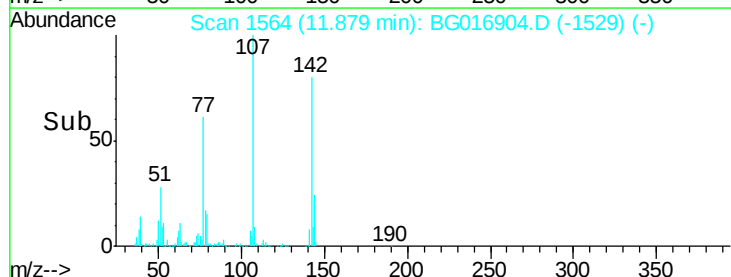
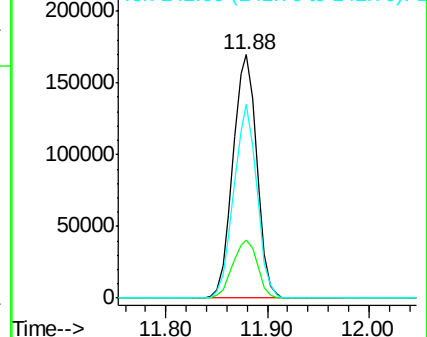
142 79.8 64.2 96.2

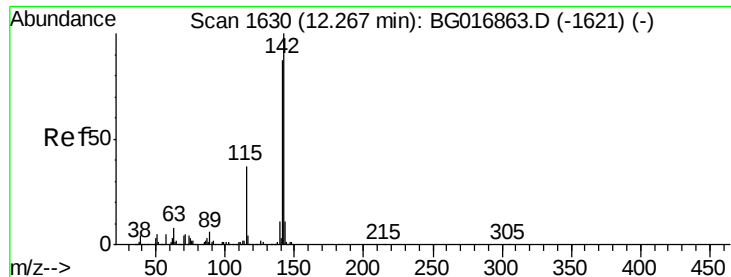


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

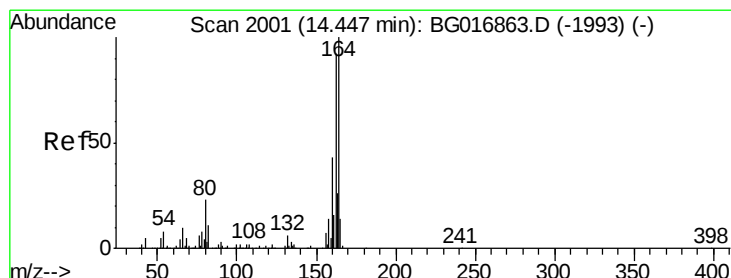
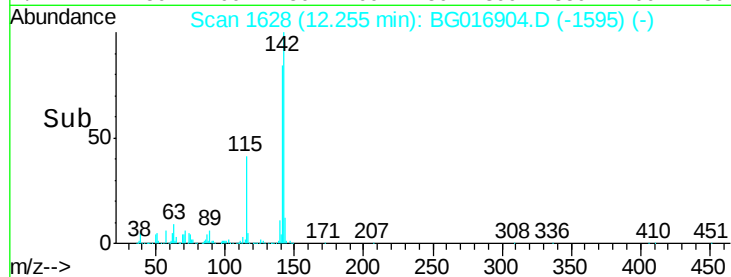
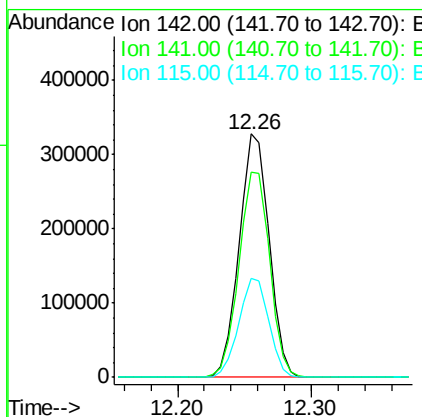
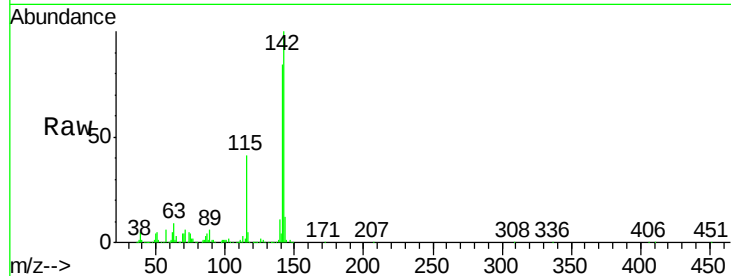




#37
2-Methylnaphthalene
Concen: 44.18 ng
RT: 12.26 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

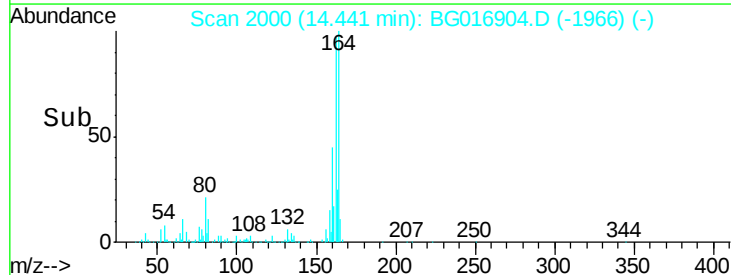
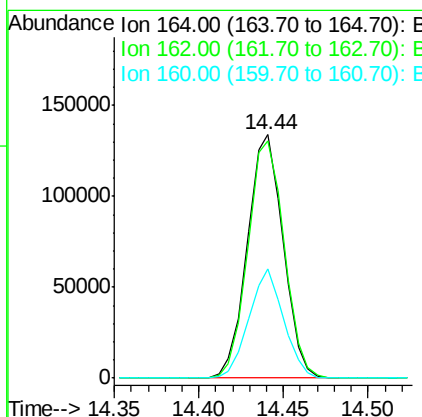
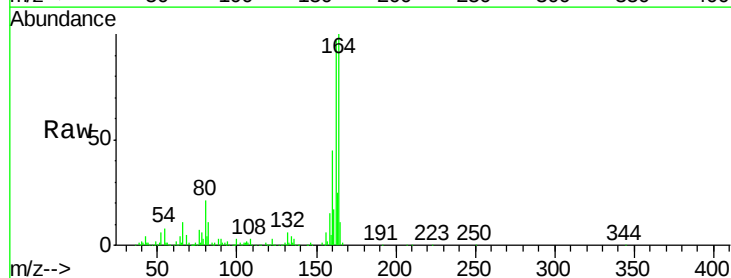
Instrument :
BNA_G
ClientSampleId :
11MSD

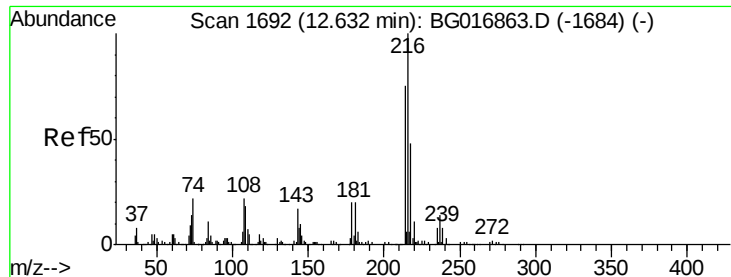
Tgt Ion:142 Resp: 508126
Ion Ratio Lower Upper
142 100
141 84.2 69.9 104.9
115 40.6 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:164 Resp: 197717
Ion Ratio Lower Upper
164 100
162 97.4 74.0 111.0
160 44.9 34.7 52.1

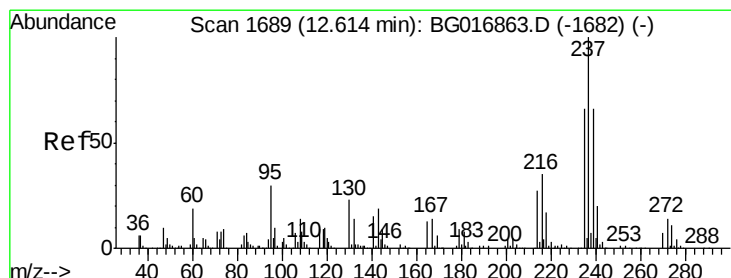
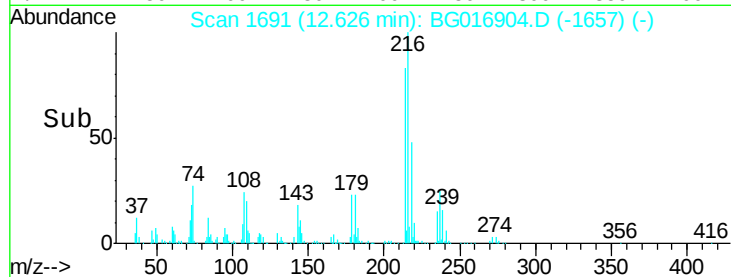
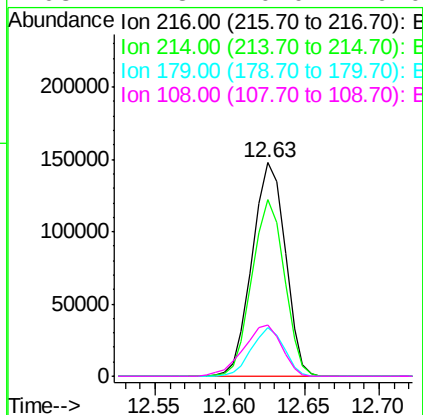
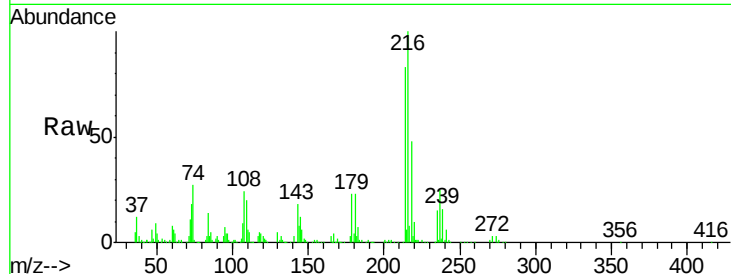




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.57 ng
 RT: 12.63 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

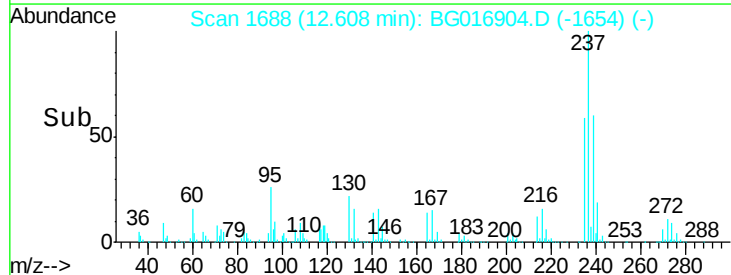
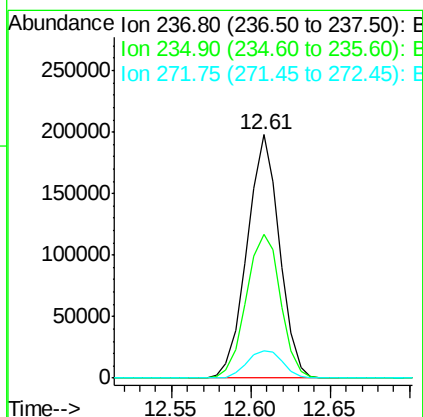
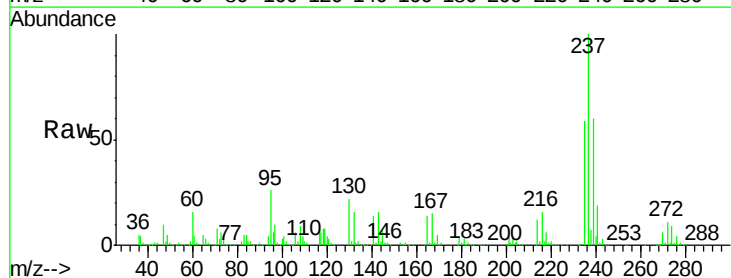
Instrument :
 BNA_G
 ClientSampleId :
 11MSD

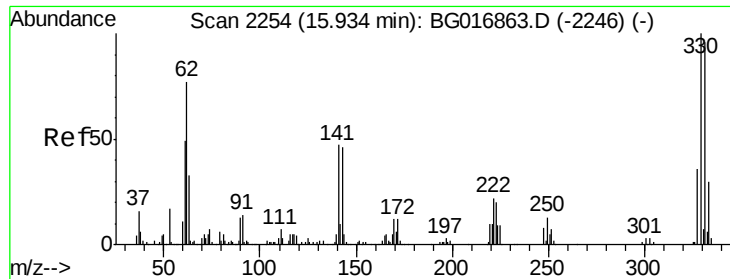
Tgt Ion:	216	Resp:	227489
Ion	Ratio	Lower	Upper
216	100		
214	80.7	0.0	0.0#
179	22.3	0.0	0.0#
108	27.8	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 81.38 ng
 RT: 12.61 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion:	237	Resp:	280894
Ion	Ratio	Lower	Upper
237	100		
235	59.0	45.5	85.5
272	11.2	0.0	33.7

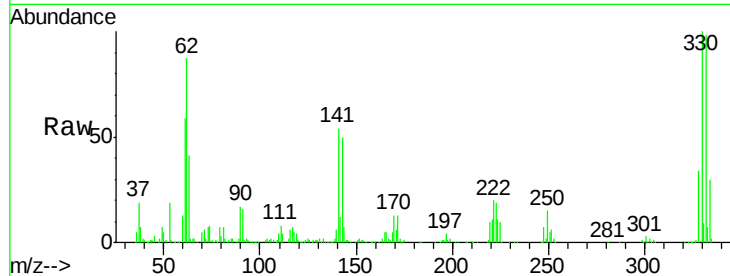




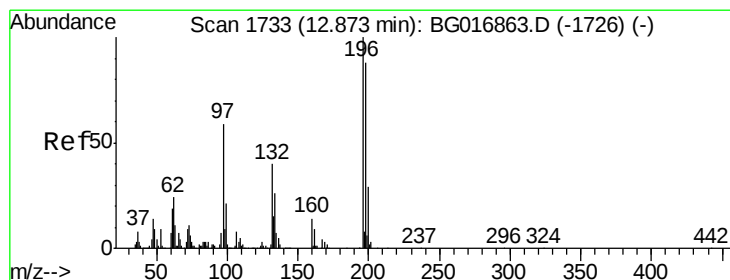
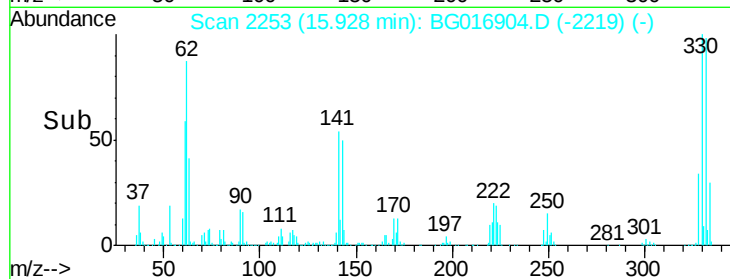
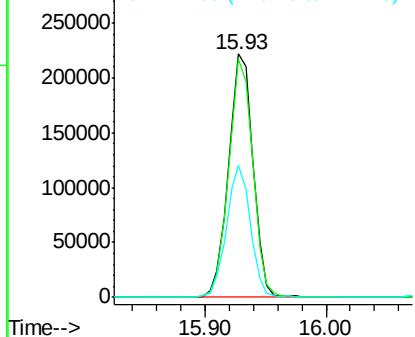
#41
 2,4,6-Tribromophenol
 Concen: 158.24 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Instrument :
 BNA_G
 ClientSampled :
 11MSD

Tgt Ion:330 Resp: 314088
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 52.6 0.0 0.0#

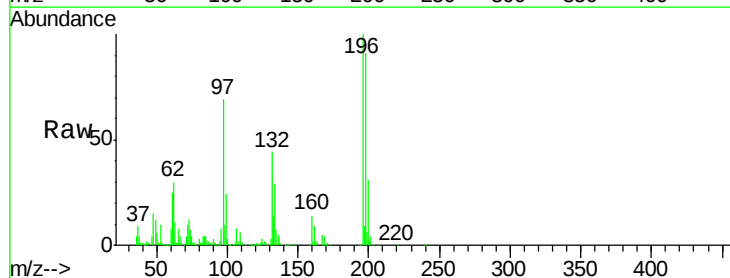


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

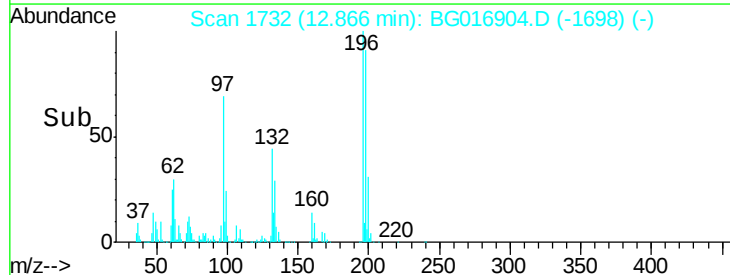
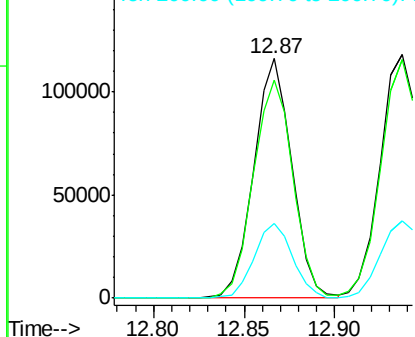


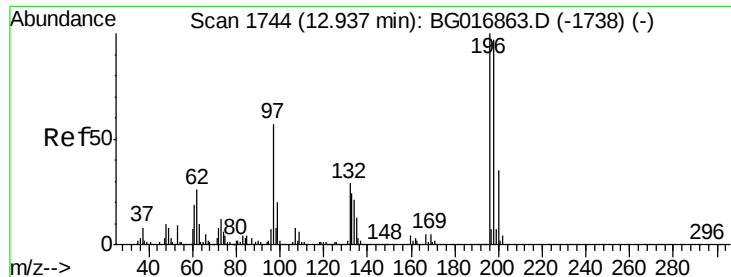
#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion:196 Resp: 169054
 Ion Ratio Lower Upper
 196 100
 198 90.9 70.7 106.1
 200 31.2 23.0 34.4



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

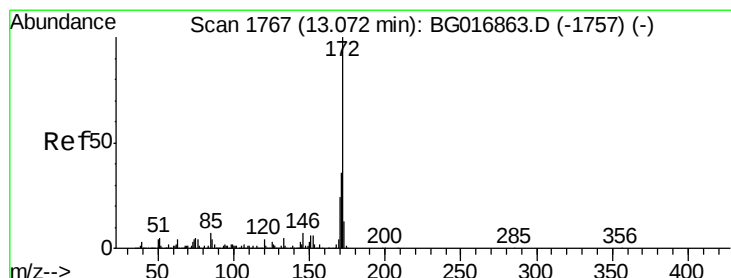
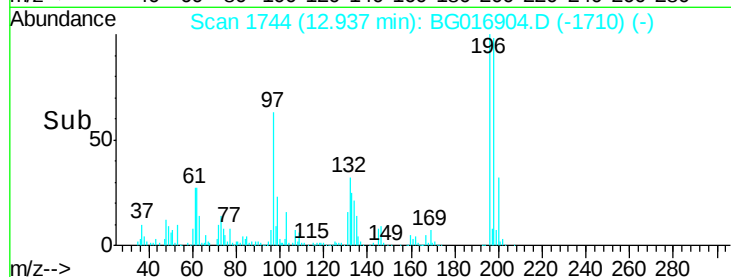
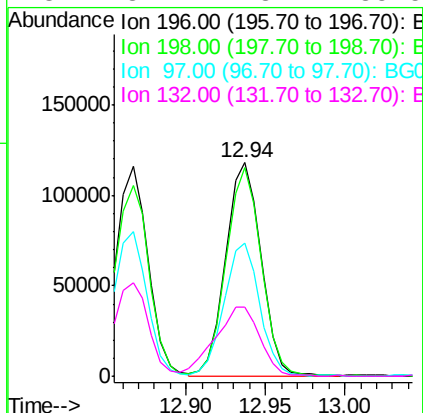
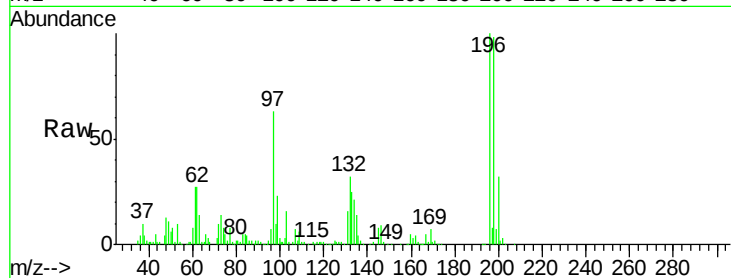




#43
 2,4,5-Trichlorophenol
 Concen: 45.32 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

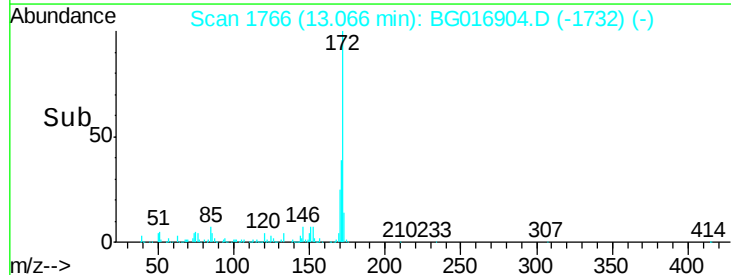
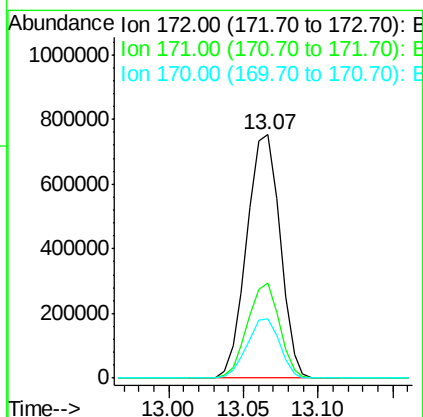
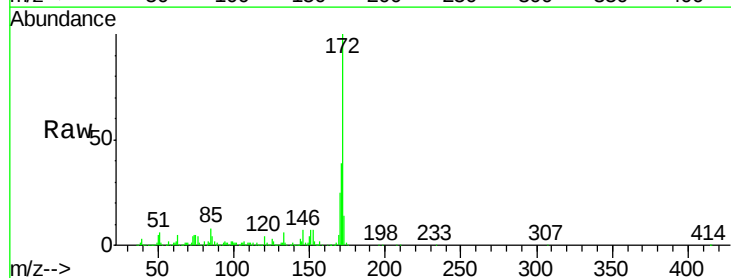
Instrument :
 BNA_G
 ClientSampleId :
 11MSD

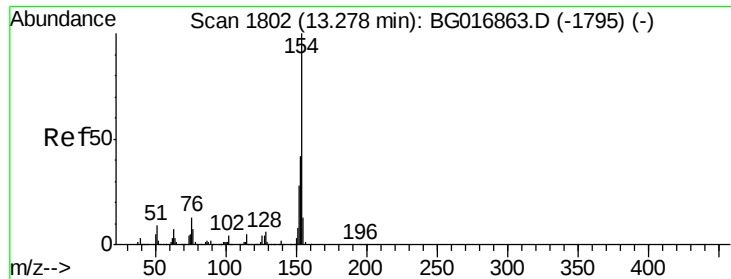
Tgt Ion:196 Resp: 182204
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.5 116.3
 97 62.5 45.9 68.9
 132 32.4 23.7 35.5



#44
 2-Fluorobiphenyl
 Concen: 88.58 ng
 RT: 13.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion:172 Resp: 1160671
 Ion Ratio Lower Upper
 172 100
 171 39.1 29.0 43.4
 170 24.5 19.0 28.4

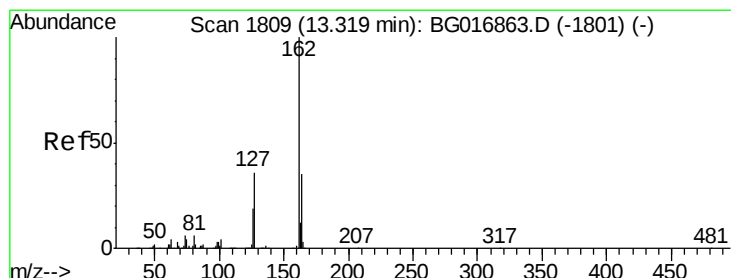
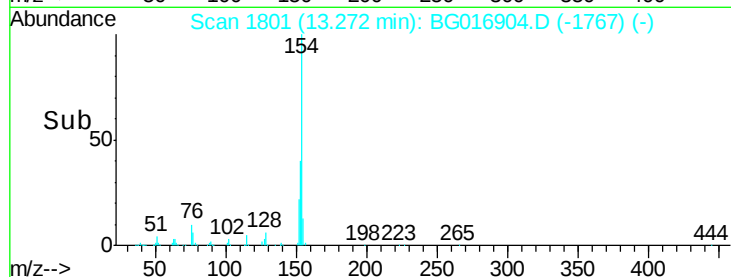
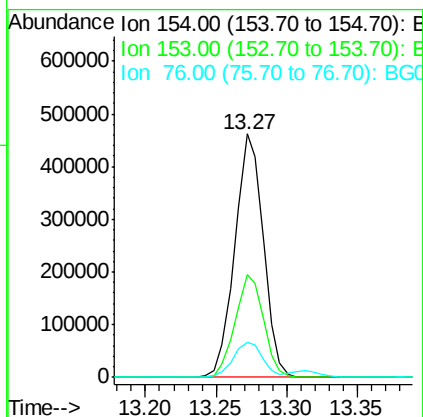
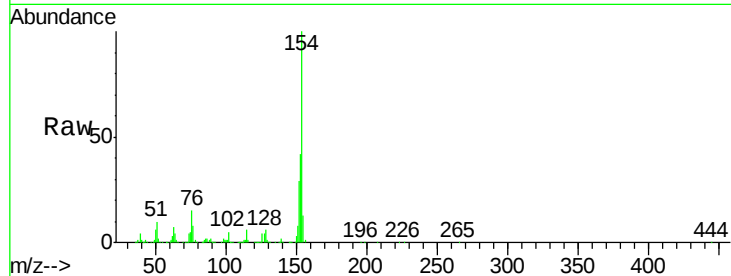




#45
 1,1'-Biphenyl
 Concen: 45.65 ng
 RT: 13.27 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

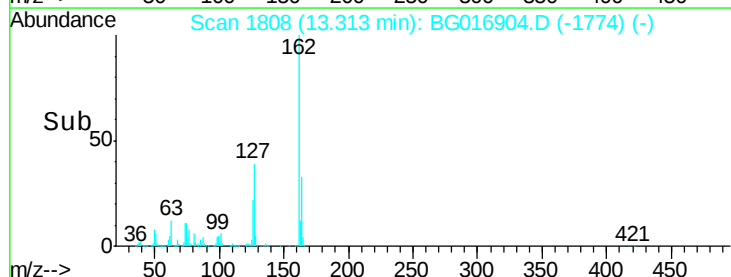
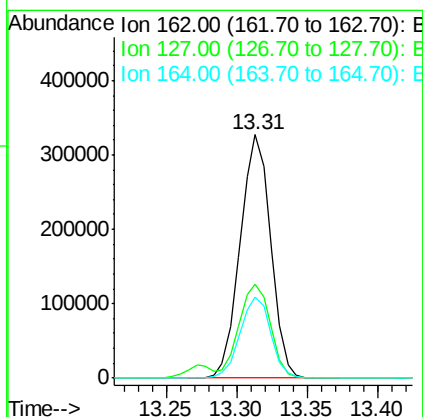
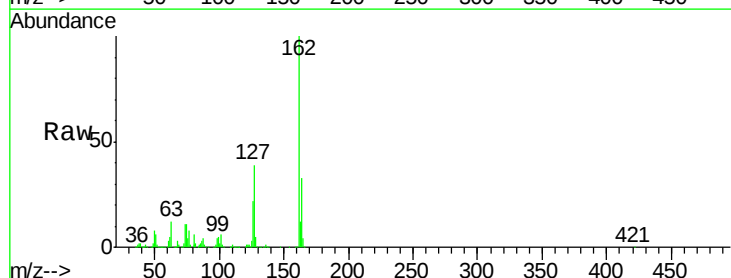
Instrument :
 BNA_G
 ClientSampleId :
 11MSD

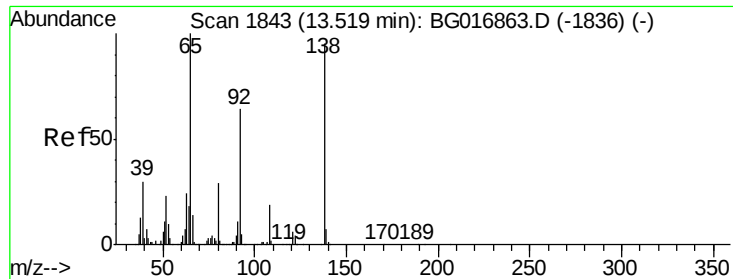
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.0	62.0
76	14.6	0.0	33.3



#46
 2-Chloronaphthalene
 Concen: 44.11 ng
 RT: 13.31 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.2	46.8
164	33.4	27.8	41.6

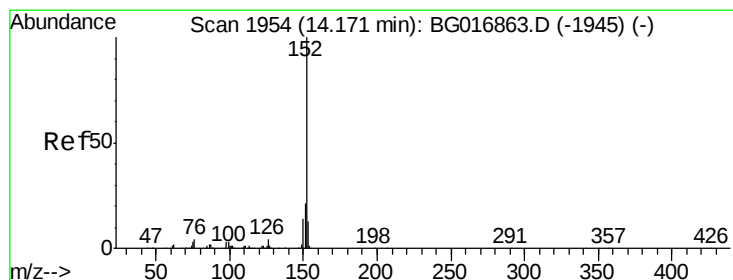
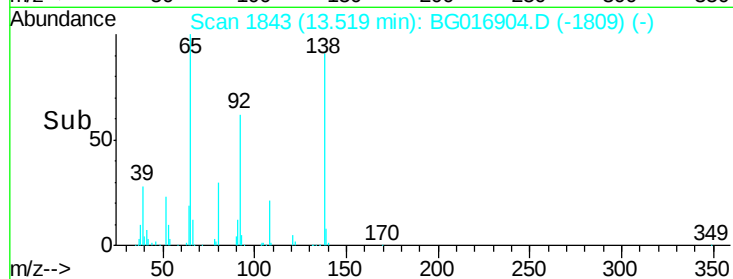
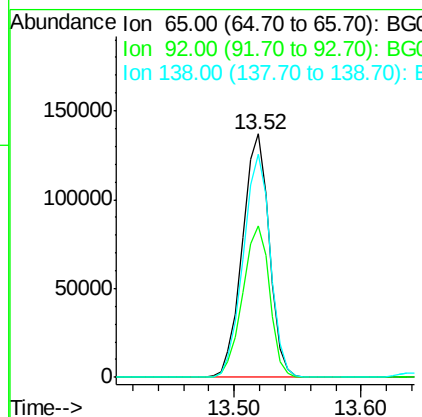
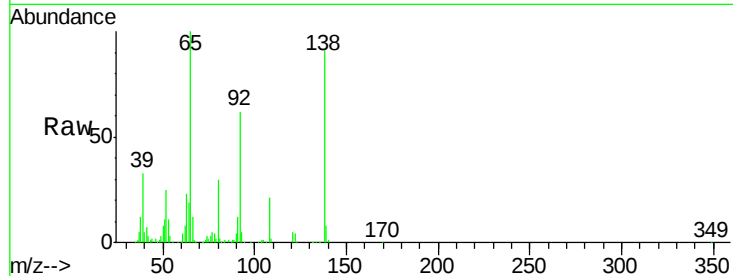




#47
2-Nitroaniline
Concen: 51.58 ng
RT: 13.52 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

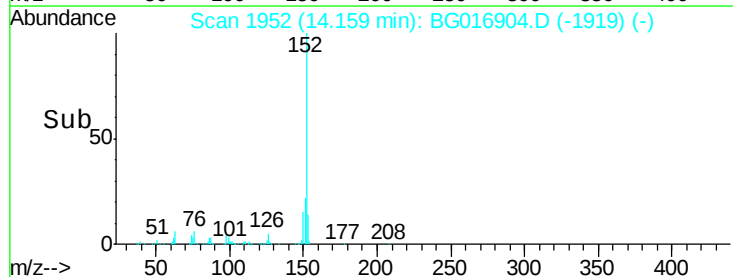
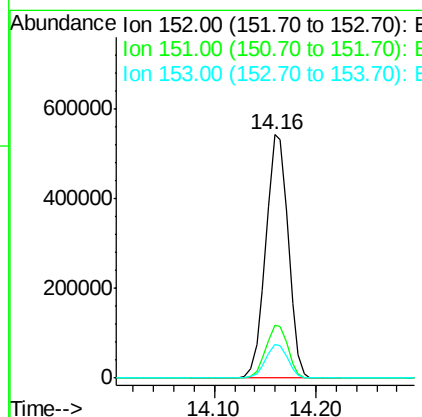
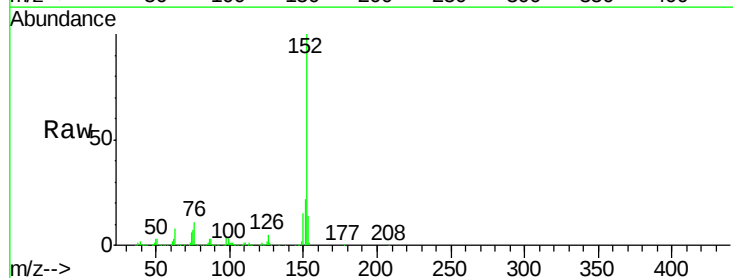
Instrument :
BNA_G
ClientSampleId :
11MSD

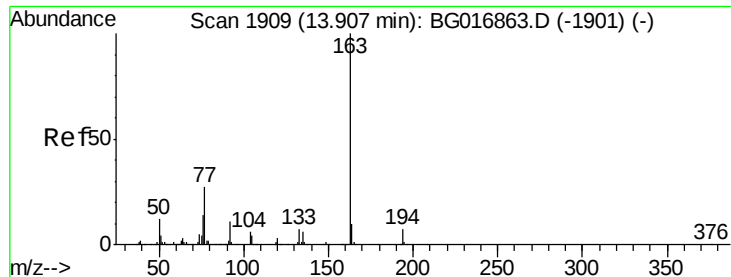
Tgt Ion: 65 Resp: 201303
Ion Ratio Lower Upper
65 100
92 62.1 51.0 76.6
138 91.5 76.2 114.2



#48
Acenaphthylene
Concen: 42.54 ng
RT: 14.16 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion: 152 Resp: 830633
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.4
153 13.8 10.7 16.1

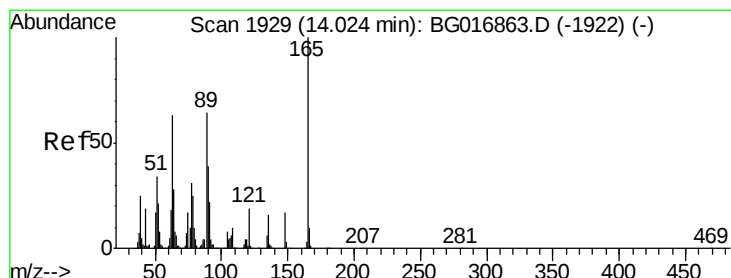
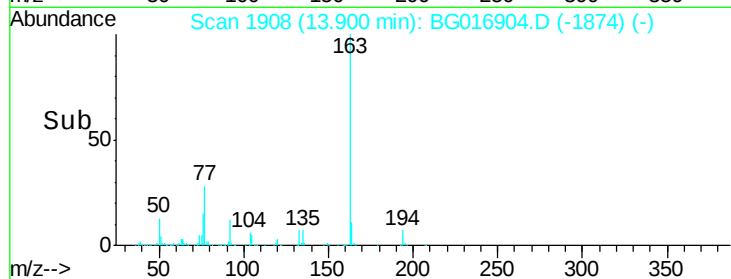
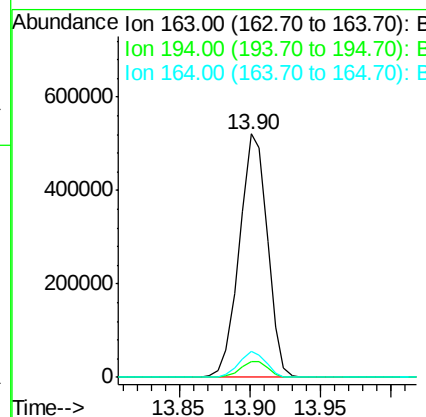
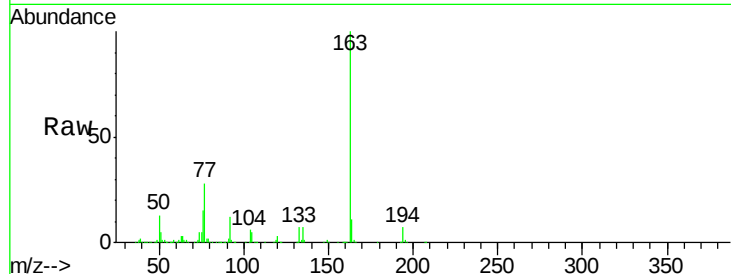




#49
Dimethylphthalate
Concen: 48.89 ng
RT: 13.90 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

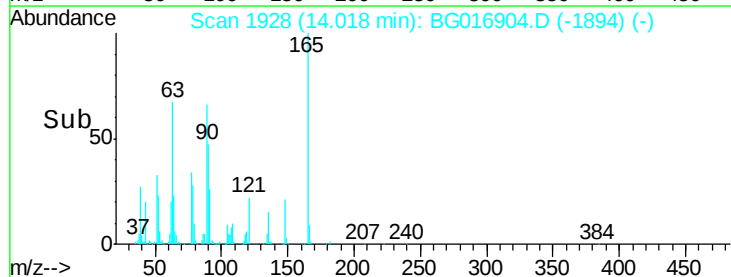
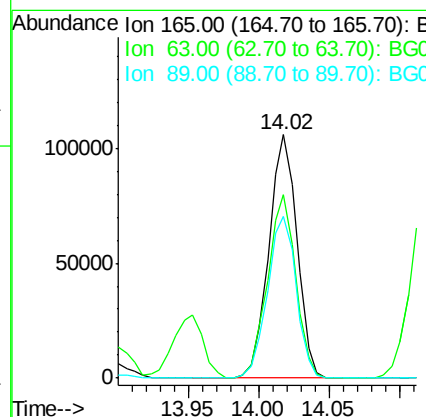
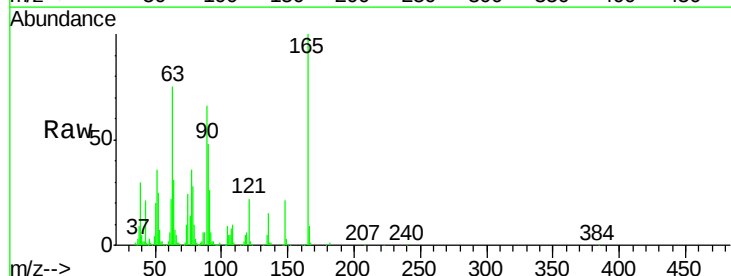
Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.2	7.8
164	10.6	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 48.47 ng
RT: 14.02 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	75.4	50.9	76.3
89	66.4	51.4	77.2





#51

Acenaphthene

Concen: 43.08 ng

RT: 14.51 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

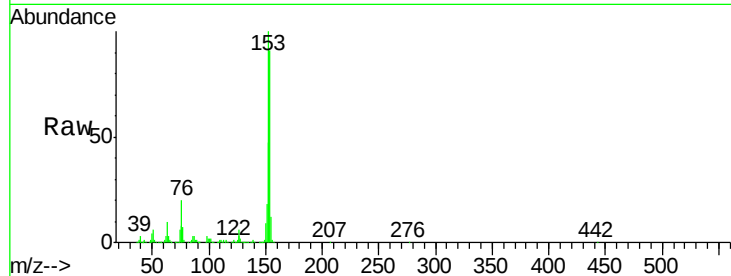
Tgt Ion:154 Resp: 500627

Ion Ratio Lower Upper

154 100

153 110.2 84.2 126.4

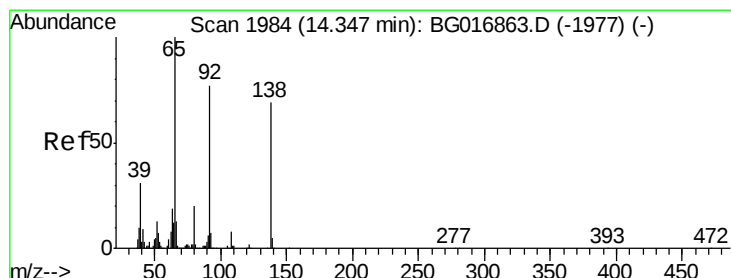
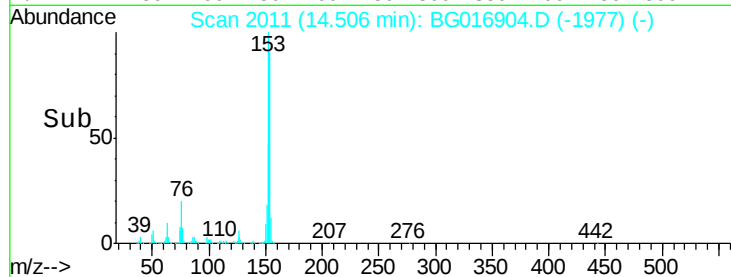
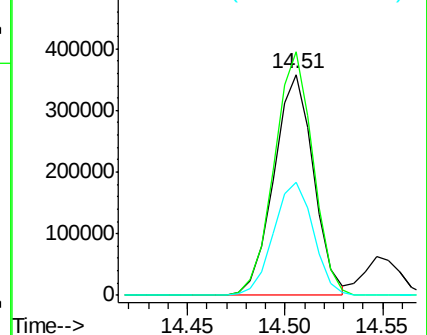
152 51.4 40.2 60.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.00 ng

RT: 14.35 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

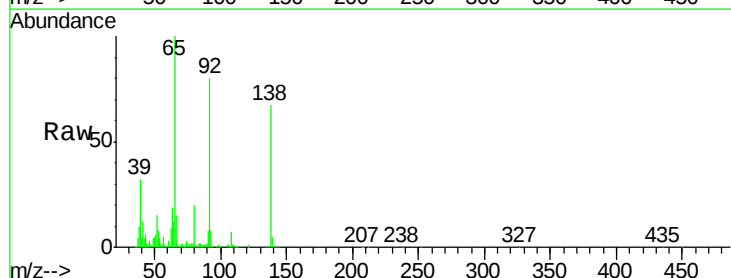
Tgt Ion:138 Resp: 97641

Ion Ratio Lower Upper

138 100

108 10.3 9.5 14.3

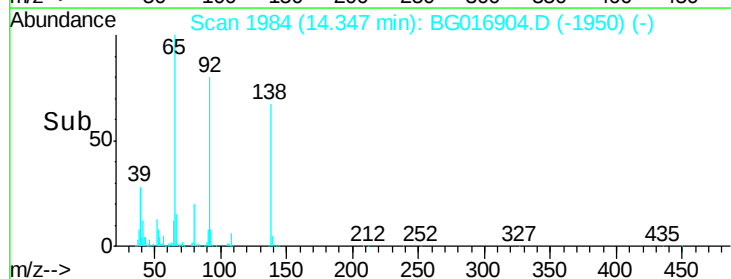
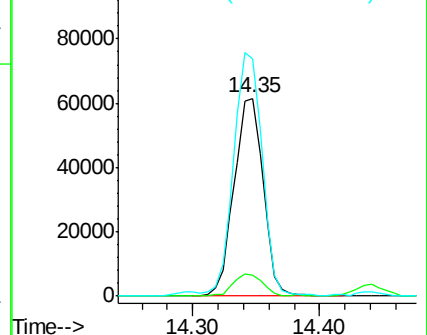
92 119.7 89.6 134.4

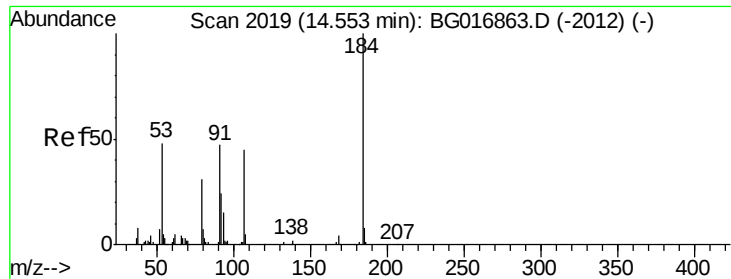


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

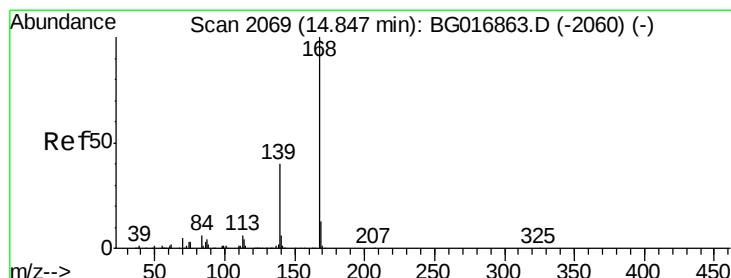
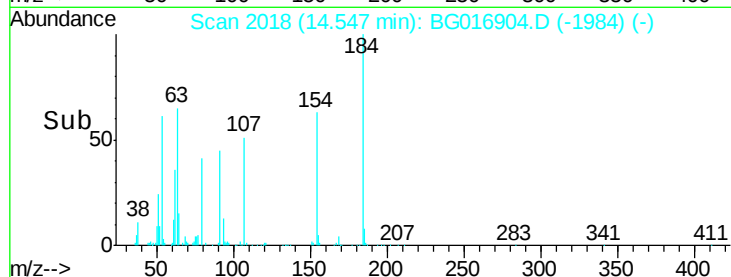
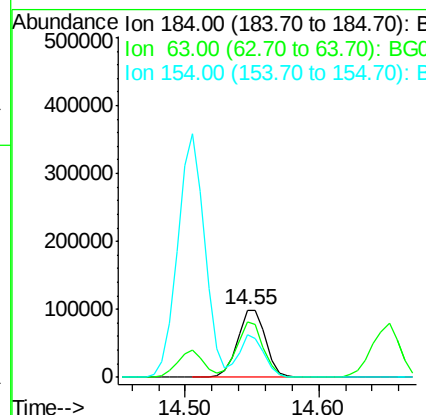
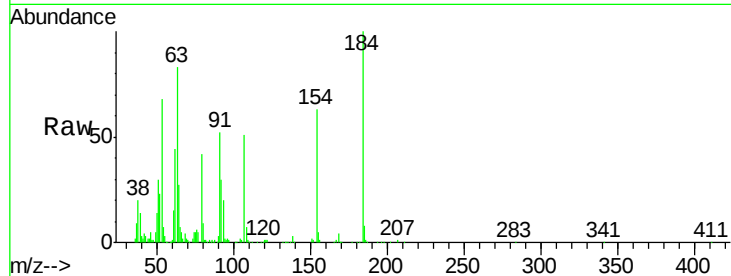




#53
2,4-Dinitrophenol
Concen: 103.46 ng
RT: 14.55 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

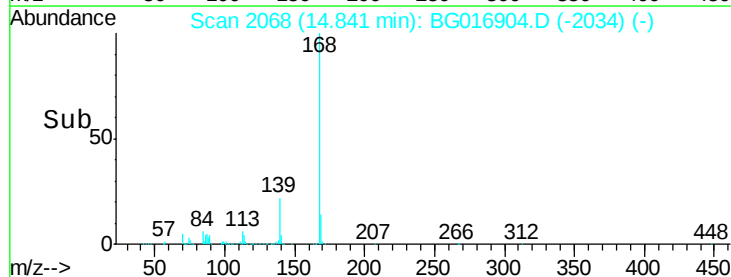
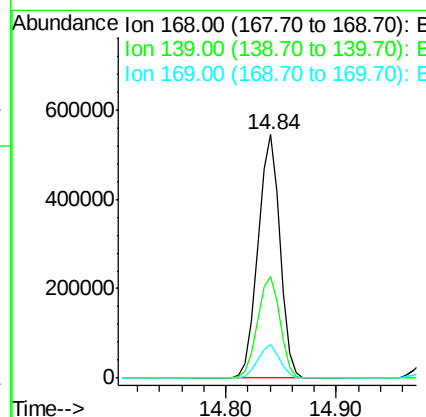
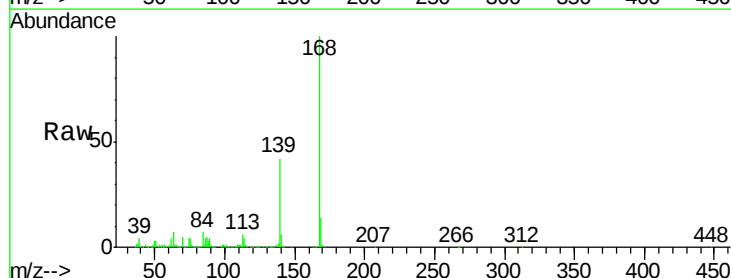
Instrument :
BNA_G
ClientSampleId :
11MSD

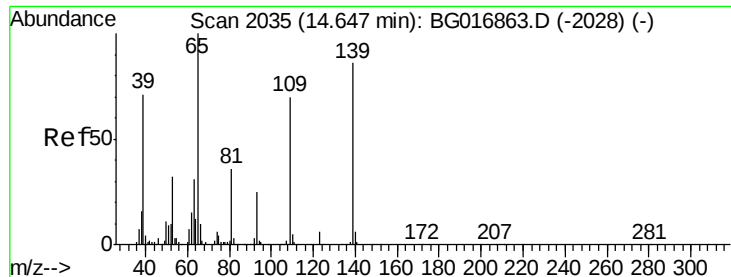
Tgt Ion:184 Resp: 145056
Ion Ratio Lower Upper
184 100
63 82.7 53.4 80.0#
154 63.3 41.0 61.6#



#54
Dibenzofuran
Concen: 45.91 ng
RT: 14.84 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:168 Resp: 757622
Ion Ratio Lower Upper
168 100
139 41.7 32.5 48.7
169 13.7 10.4 15.6

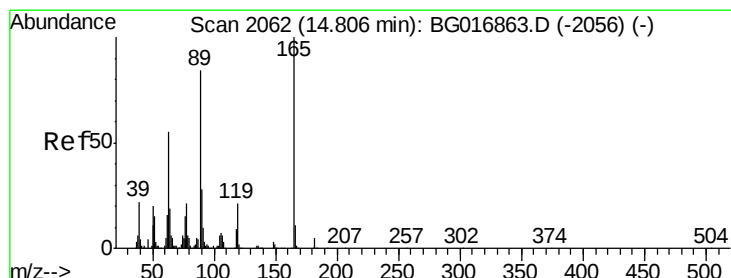
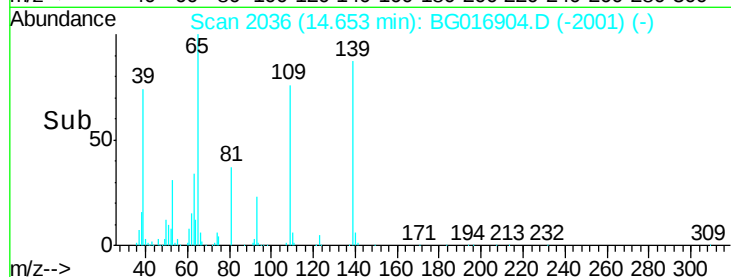
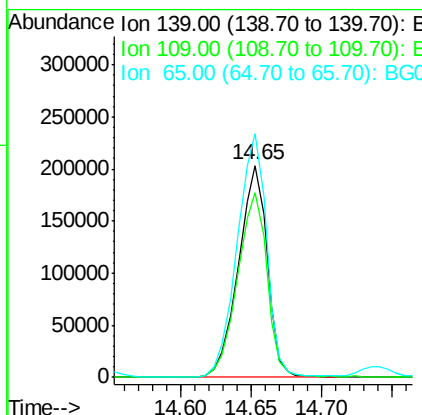
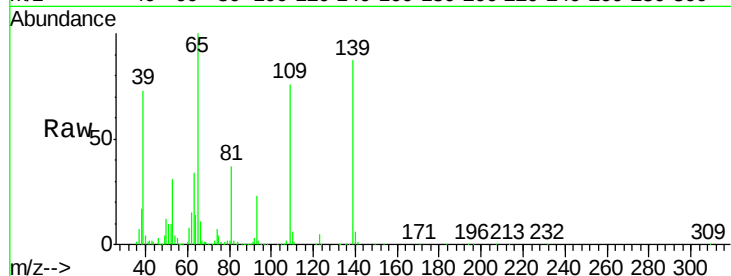




#55
4-Nitrophenol
Concen: 98.18 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

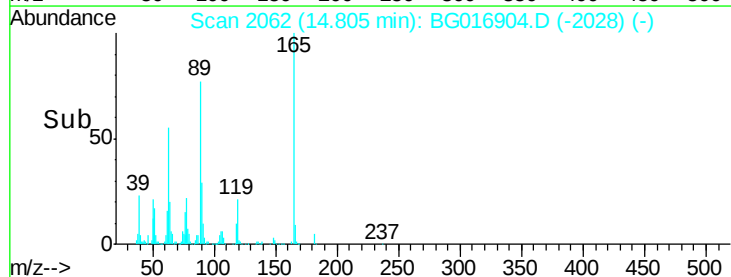
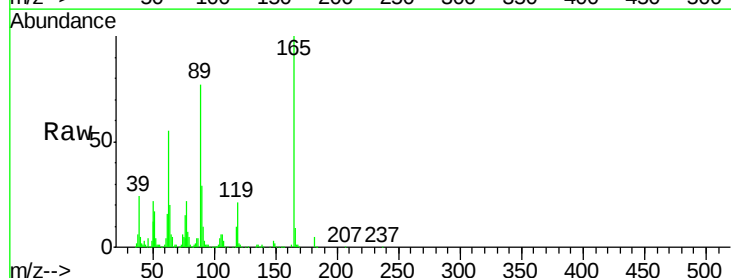
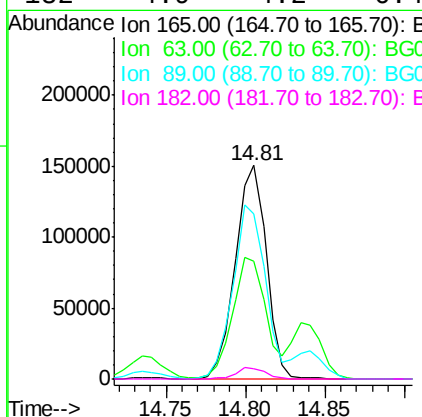
Instrument :
BNA_G
ClientSampleId :
11MSD

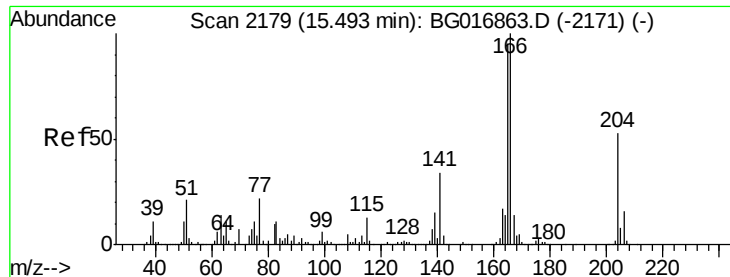
Tgt Ion:139 Resp: 290311
Ion Ratio Lower Upper
139 100
109 87.2 61.8 101.8
65 115.0 96.8 136.8



#56
2,4-Dinitrotoluene
Concen: 52.32 ng
RT: 14.81 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:165 Resp: 205172
Ion Ratio Lower Upper
165 100
63 55.3 44.2 66.4
89 77.3 67.2 100.8
182 4.9 4.2 6.4





#57

Fluorene

Concen: 44.74 ng

RT: 15.49 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

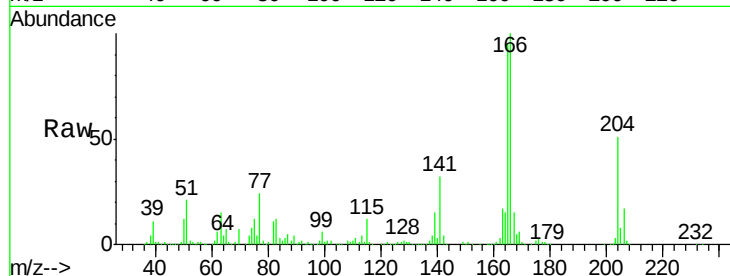
Tgt Ion:166 Resp: 653633

Ion Ratio Lower Upper

166 100

165 95.0 76.1 114.1

167 14.7 11.4 17.2

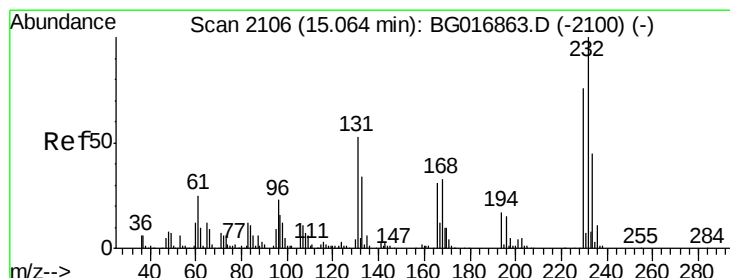
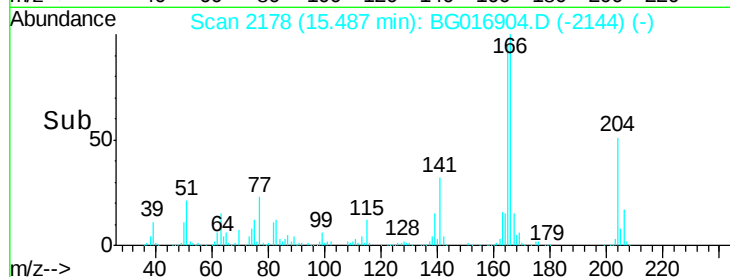
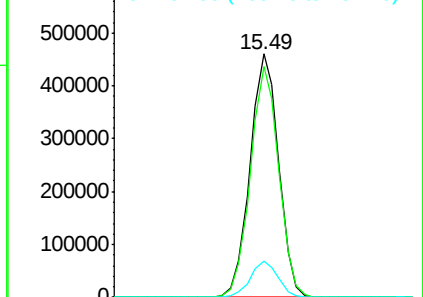


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.06 ng

RT: 15.06 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Tgt Ion:232 Resp: 159779

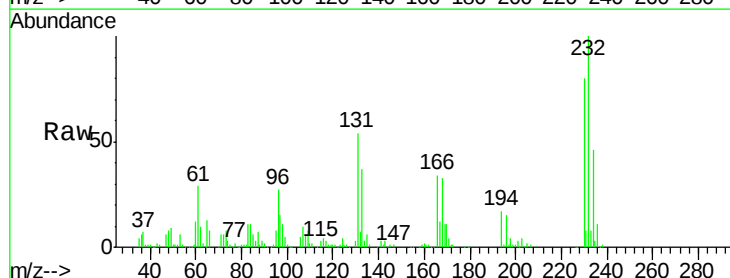
Ion Ratio Lower Upper

232 100

131 56.5 0.1 0.1#

130 3.1 0.0 0.0#

166 35.0 0.0 0.0#



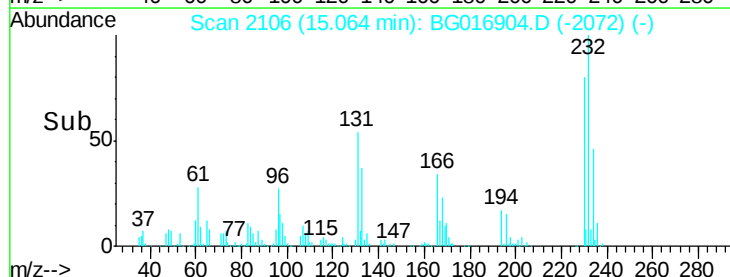
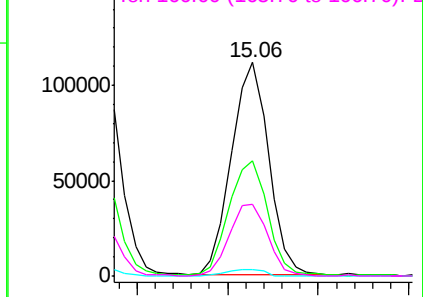
Abundance

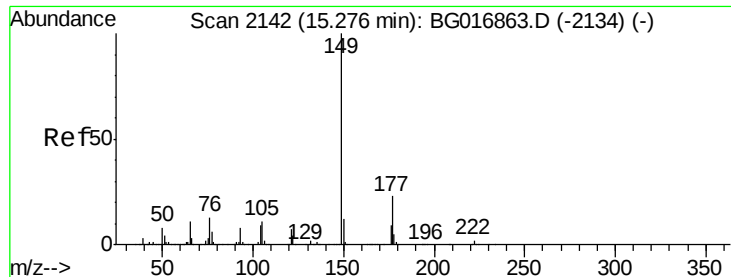
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

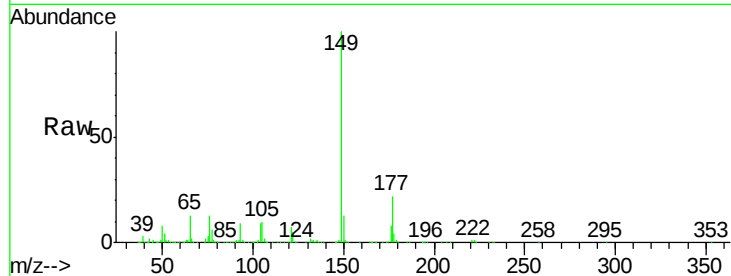




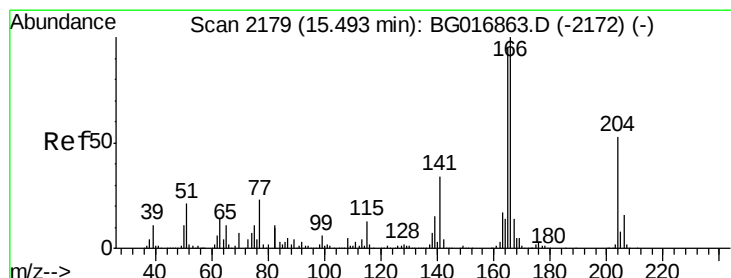
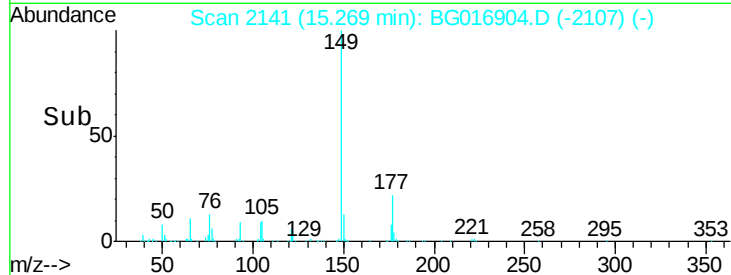
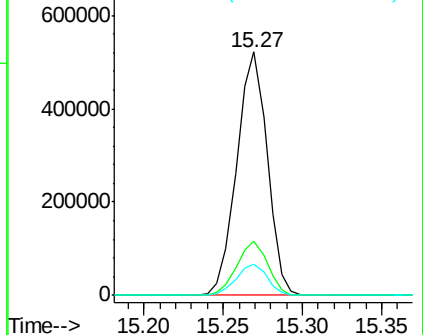
#59
Diethylphthalate
Concen: 44.62 ng
RT: 15.27 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion:149 Resp: 695452
Ion Ratio Lower Upper
149 100
177 22.1 18.6 27.8
150 12.6 9.8 14.8

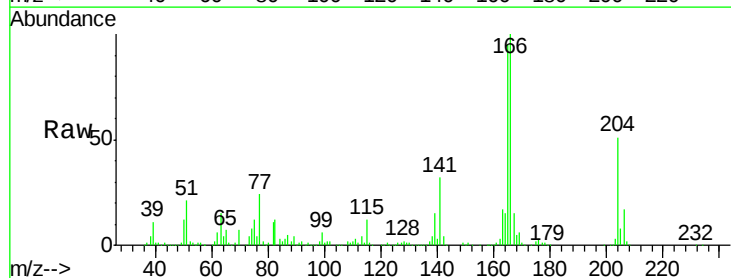


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

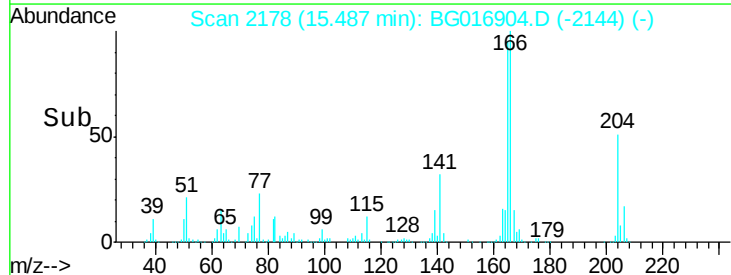
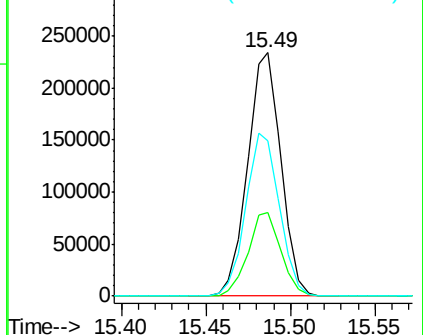


#60
4-Chlorophenyl-phenylether
Concen: 43.57 ng
RT: 15.49 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:204 Resp: 319808
Ion Ratio Lower Upper
204 100
206 34.2 24.8 37.2
141 63.9 52.4 78.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

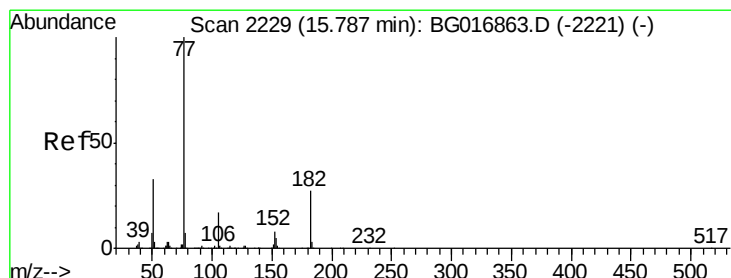
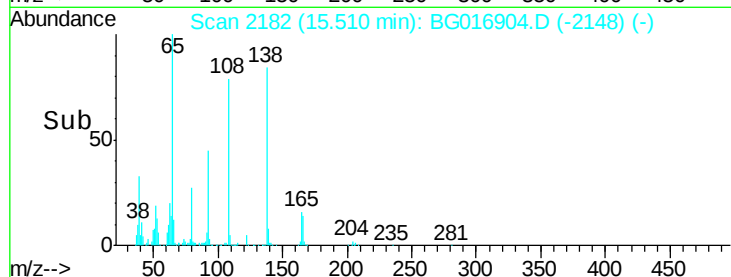
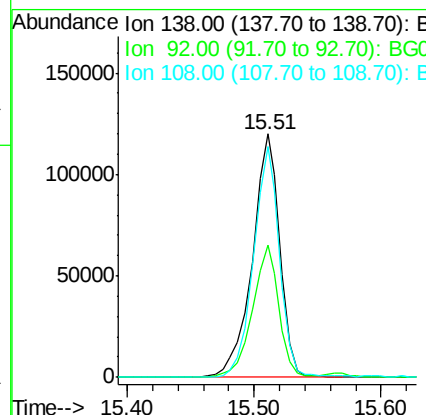
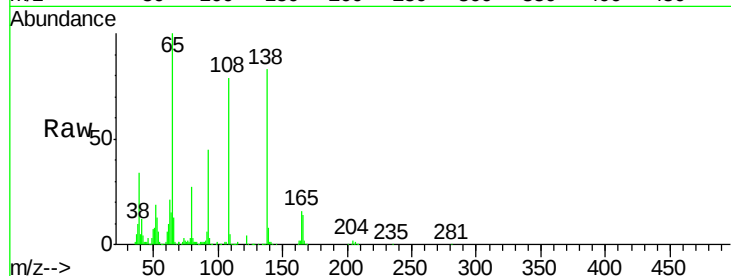




#61
4-Nitroaniline
Concen: 44.71 ng
RT: 15.51 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

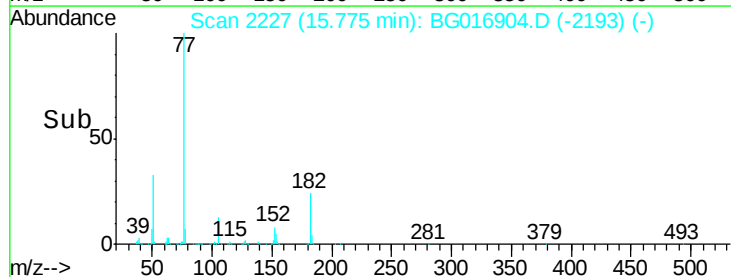
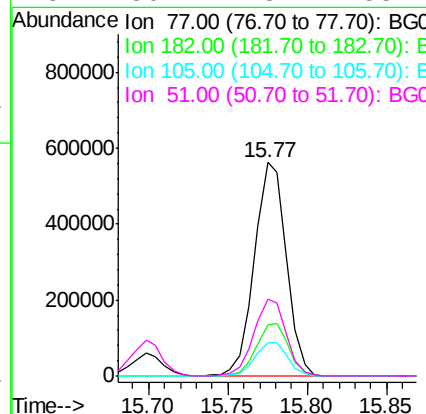
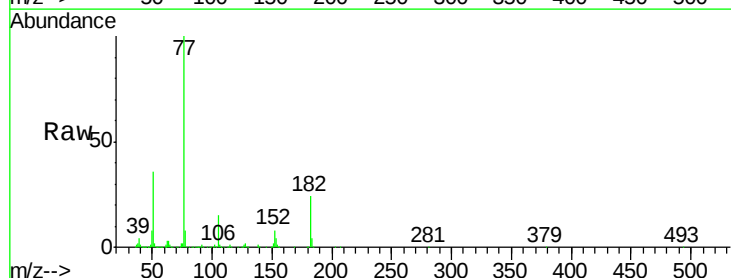
Instrument :
BNA_G
ClientSampleId :
11MSD

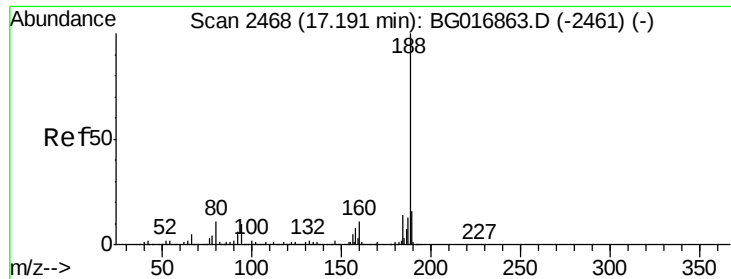
Tgt Ion:138 Resp: 180773
Ion Ratio Lower Upper
138 100
92 54.4 31.8 71.8
108 94.7 70.6 110.6



#62
Azobenzene
Concen: 48.76 ng
RT: 15.77 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion: 77 Resp: 786983
Ion Ratio Lower Upper
77 100
182 24.0 7.4 47.4
105 15.4 0.0 36.6
51 36.1 13.4 53.4

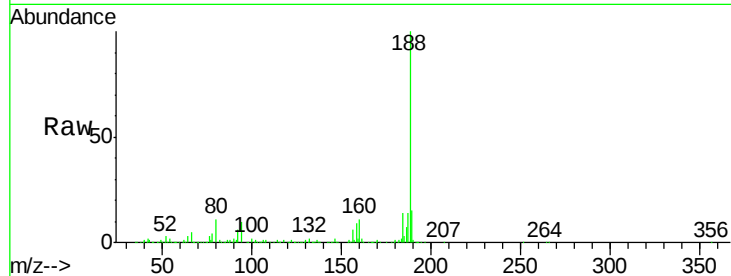




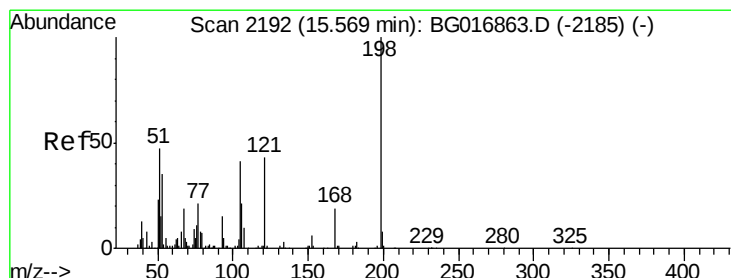
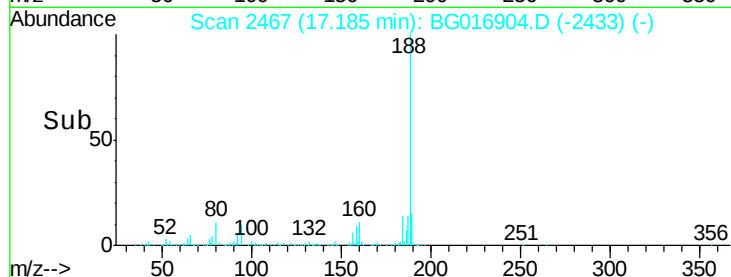
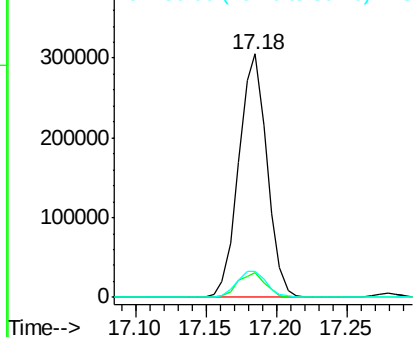
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion:188 Resp: 424753
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 10.9 8.8 13.2

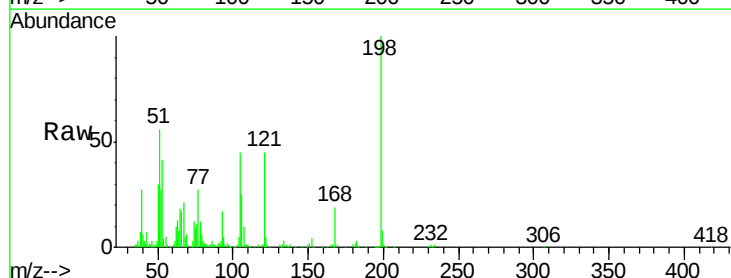


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

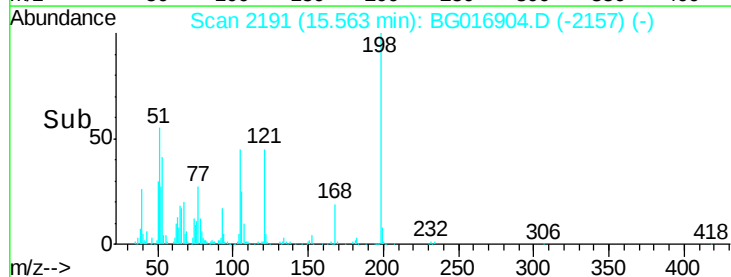
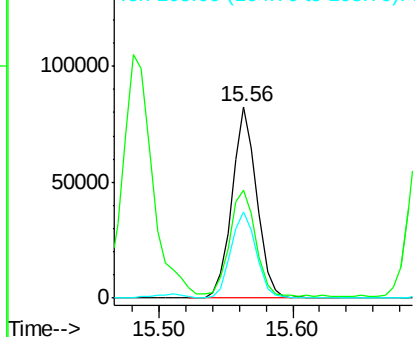


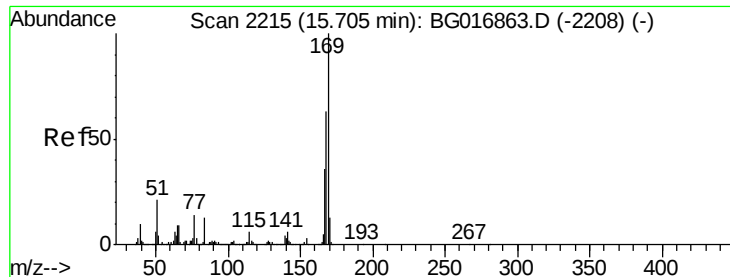
#64
4,6-Dinitro-2-methylphenol
Concen: 50.48 ng
RT: 15.56 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:198 Resp: 106317
Ion Ratio Lower Upper
198 100
51 56.3 31.2 71.2
105 45.2 22.0 62.0



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

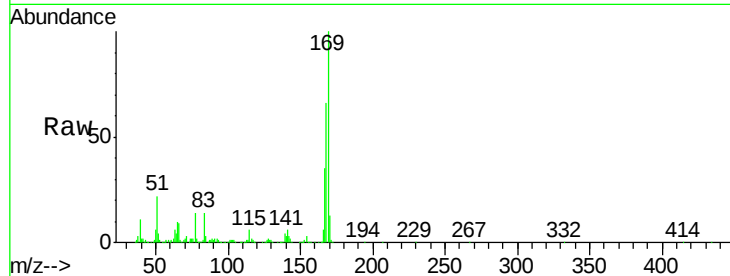




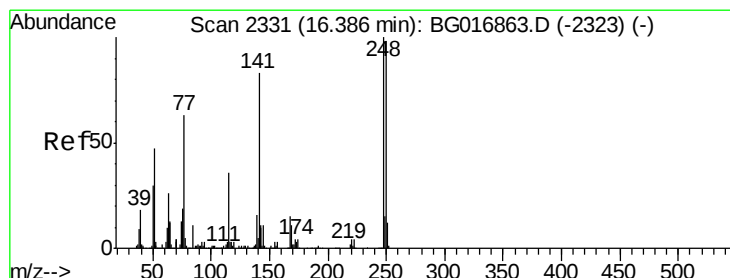
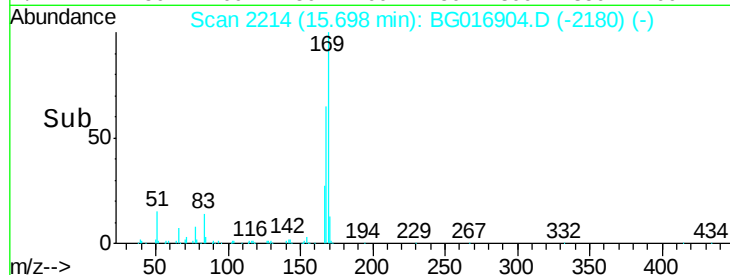
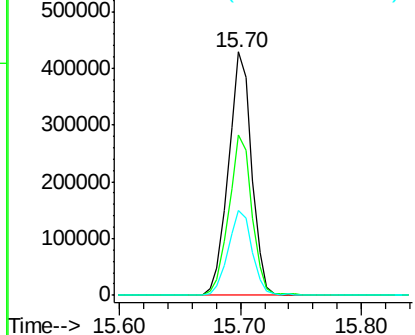
#65
n-Nitrosodiphenylamine
Concen: 44.00 ng
RT: 15.70 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Instrument :
BNA_G
ClientSampleId :
11MSD

Tgt Ion:169 Resp: 570512
Ion Ratio Lower Upper
169 100
168 66.1 50.6 76.0
167 34.9 29.0 43.4

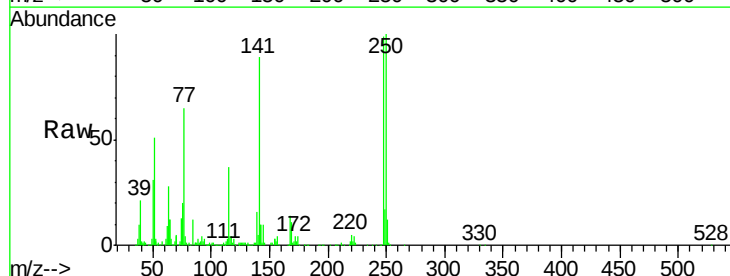


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

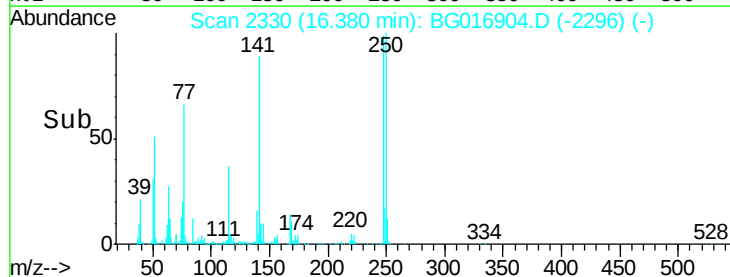
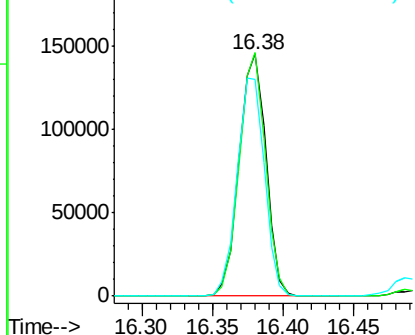


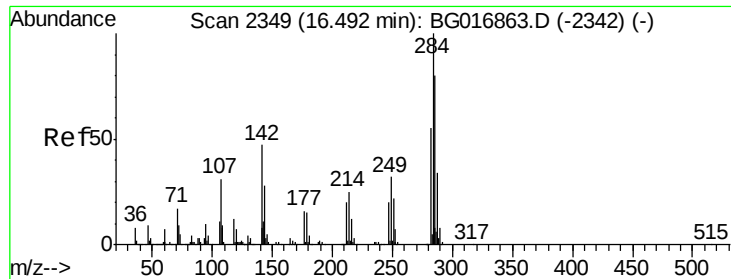
#66
4-Bromophenyl-phenylether
Concen: 45.41 ng
RT: 16.38 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:248 Resp: 193619
Ion Ratio Lower Upper
248 100
250 100.6 78.6 117.8
141 89.6 66.3 99.5



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

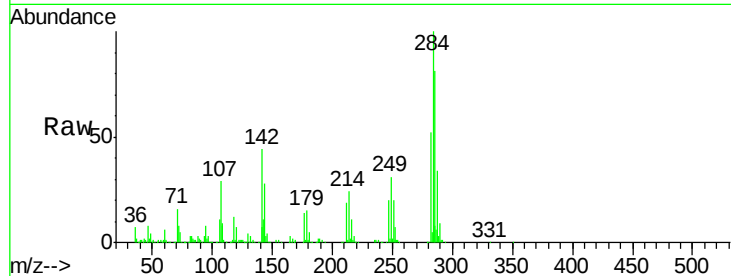




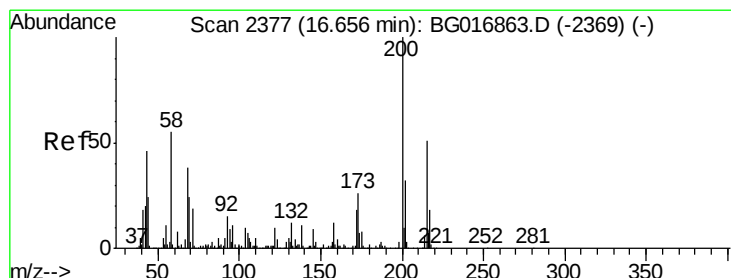
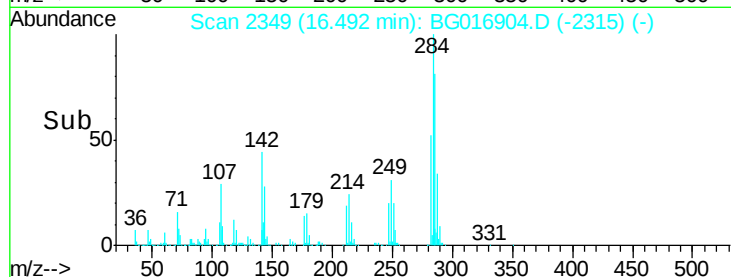
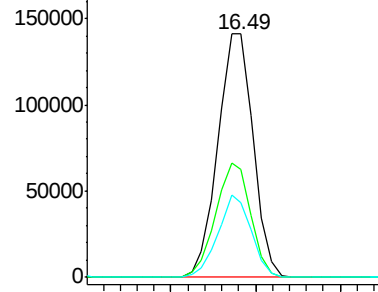
#67
Hexachlorobenzene
Concen: 45.64 ng
RT: 16.49 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Instrument :
BNA_G
ClientSampled :
11MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.5	37.4	56.0
249	30.5	25.5	38.3

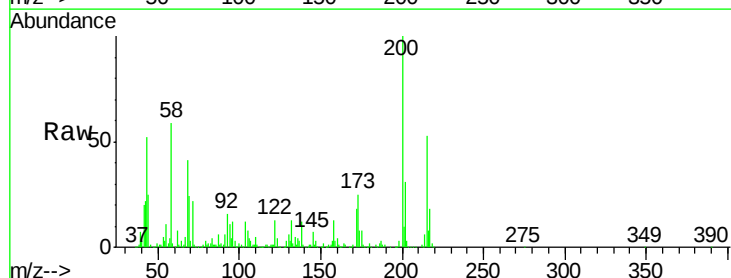


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

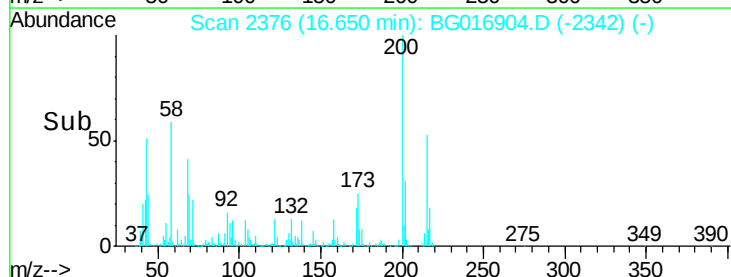
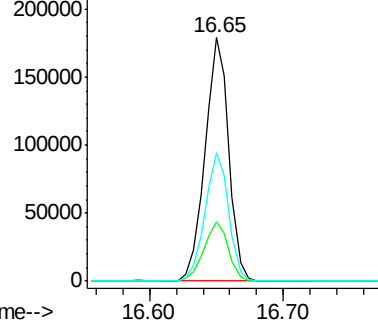


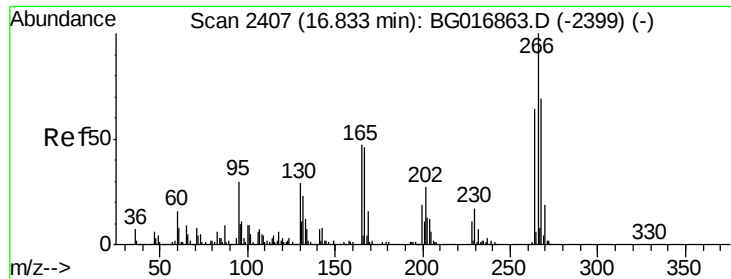
#68
Atrazine
Concen: 47.39 ng
RT: 16.65 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	6.1	46.1
215	52.8	30.8	70.8



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





#69

Pentachlorophenol

Concen: 90.42 ng

RT: 16.83 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

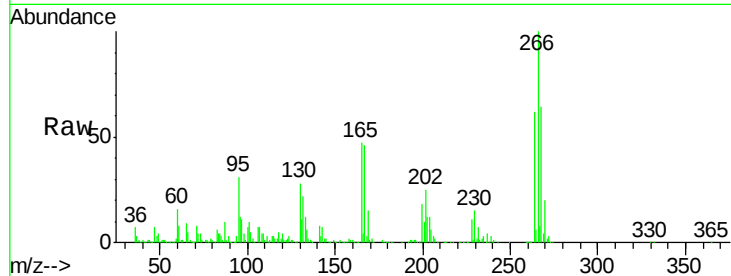
Tgt Ion:266 Resp: 263926

Ion Ratio Lower Upper

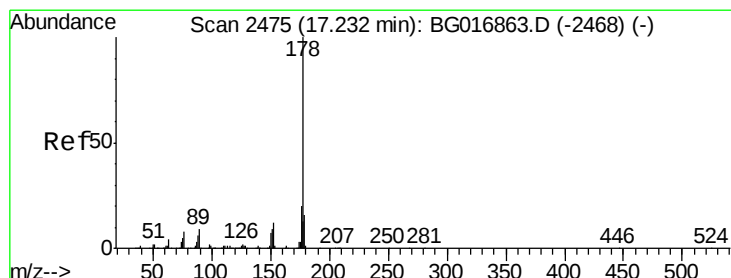
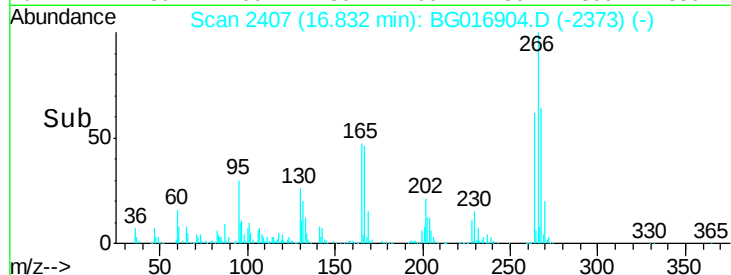
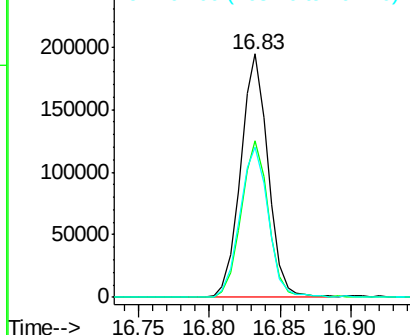
266 100

268 64.4 55.2 82.8

264 61.9 51.4 77.0



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: 44.13 ng

RT: 17.23 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

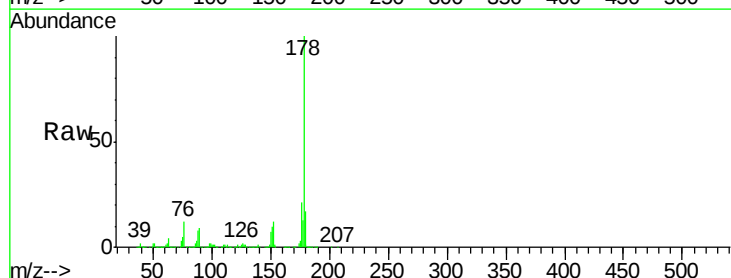
Tgt Ion:178 Resp: 964690

Ion Ratio Lower Upper

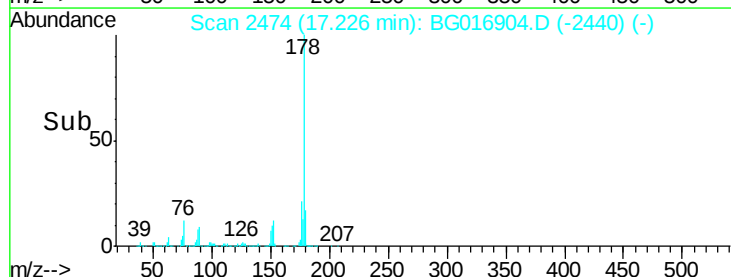
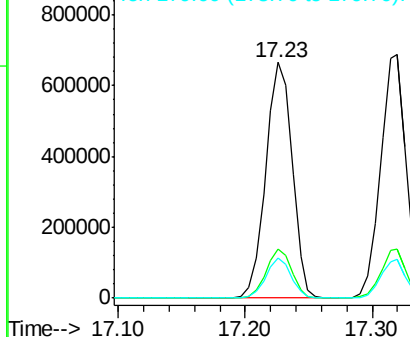
178 100

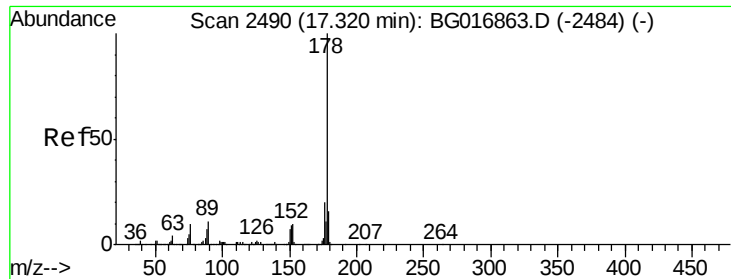
176 20.8 16.0 24.0

179 16.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.81 ng

RT: 17.32 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

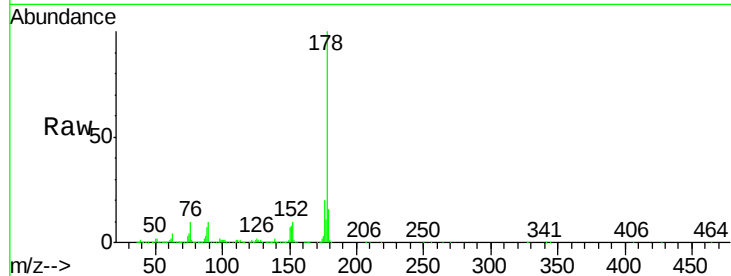
Tgt Ion:178 Resp: 966059

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

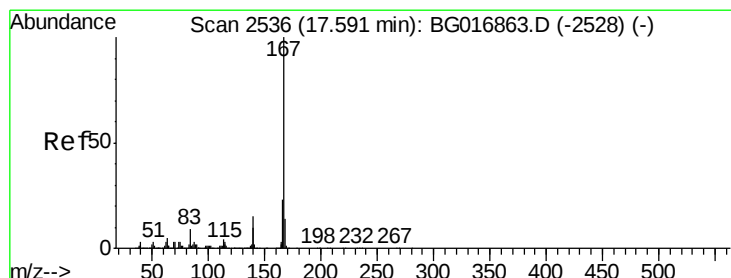
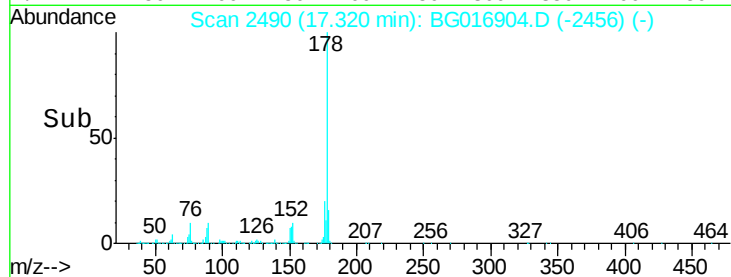
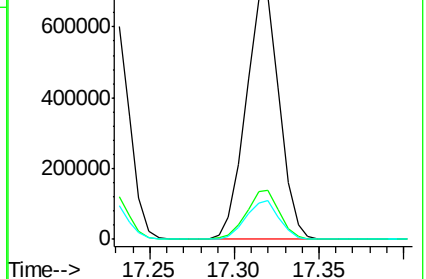
179 16.1 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.61 ng

RT: 17.58 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

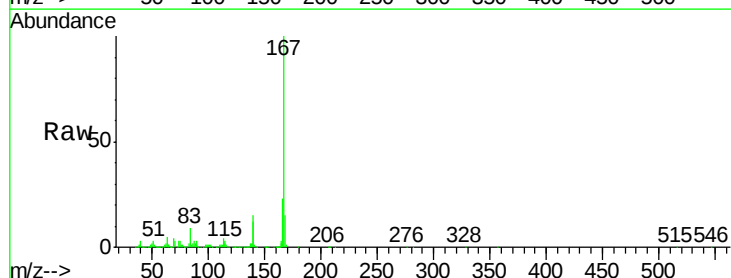
Tgt Ion:167 Resp: 935286

Ion Ratio Lower Upper

167 100

166 23.0 18.4 27.6

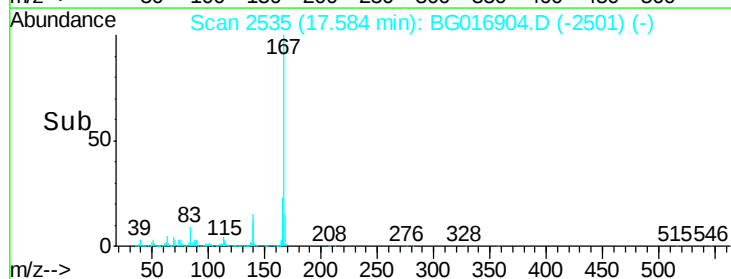
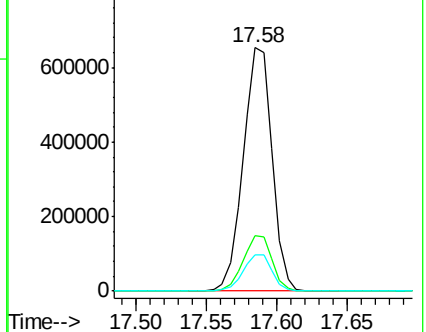
139 14.8 12.2 18.4

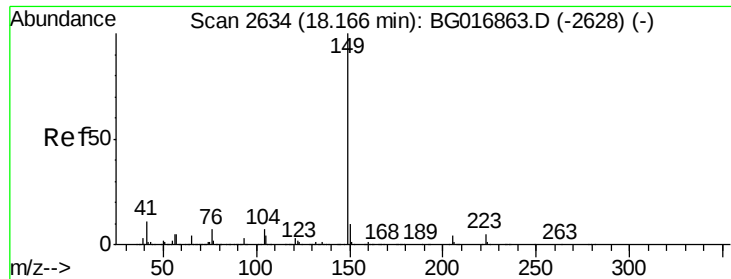


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.43 ng

RT: 18.15 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

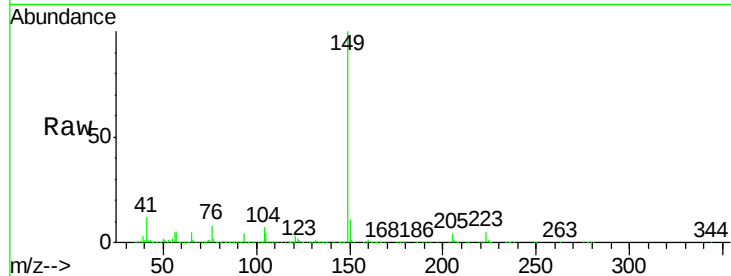
Tgt Ion:149 Resp: 1180384

Ion Ratio Lower Upper

149 100

150 10.6 7.7 11.5

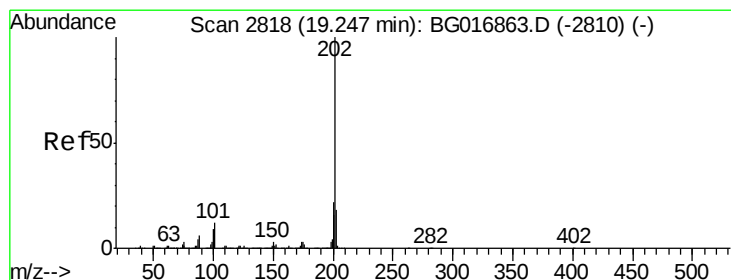
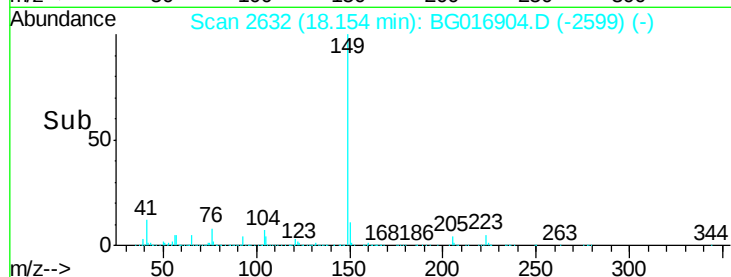
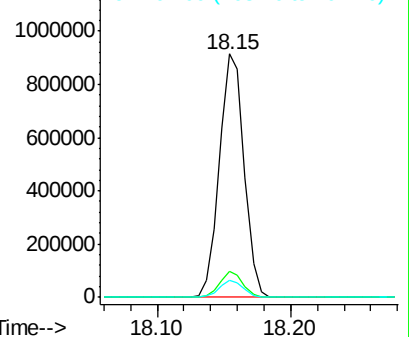
104 7.2 5.4 8.0



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: 42.51 ng

RT: 19.24 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

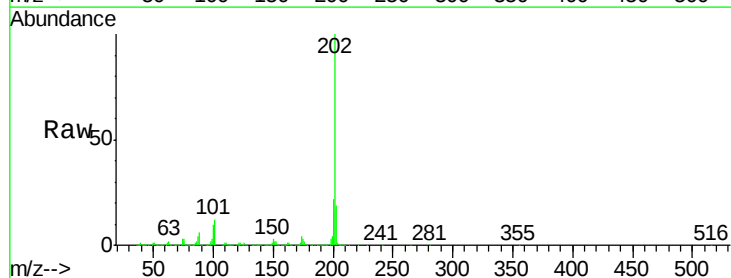
Tgt Ion:202 Resp: 1078129

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.5

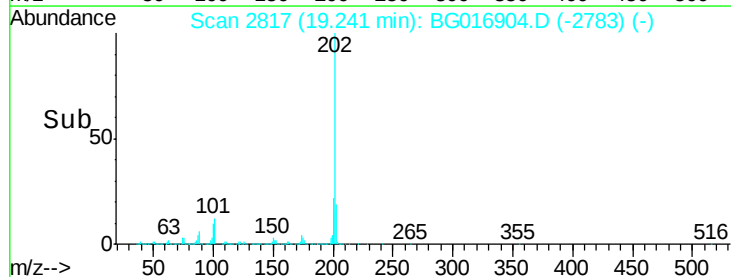
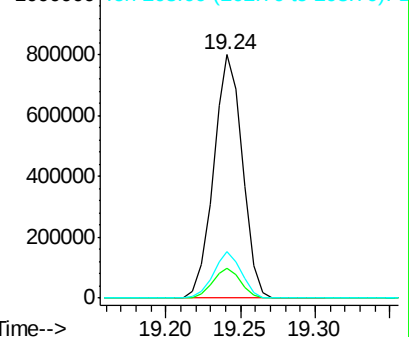
203 19.2 0.0 38.1

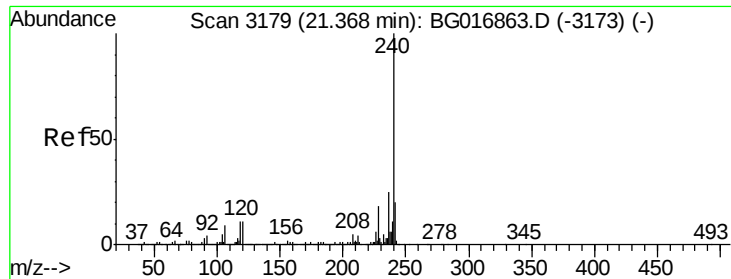


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

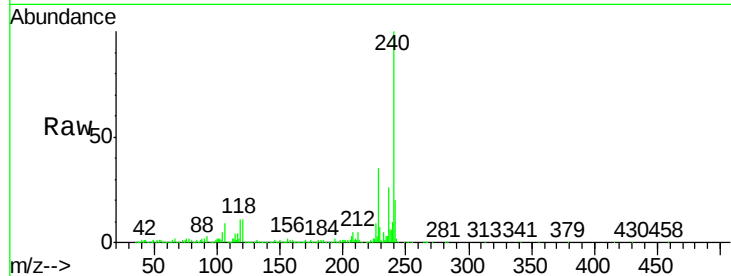
Tgt Ion:240 Resp: 411897

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

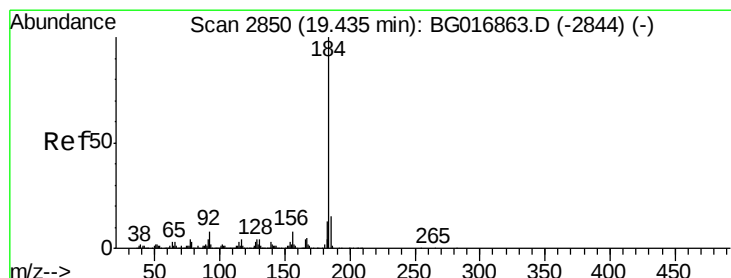
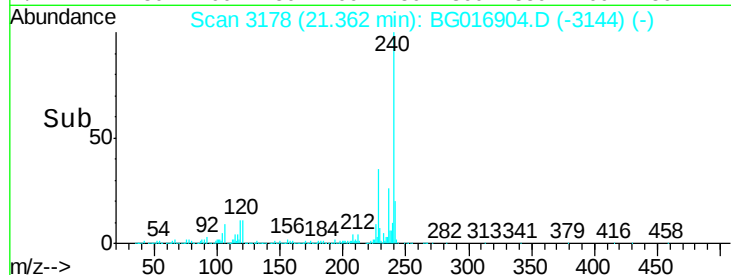
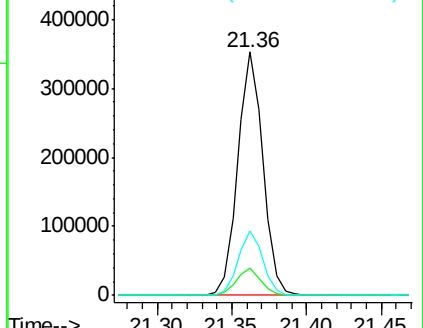
236 26.4 20.2 30.4



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: 14.19 ng

RT: 19.43 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

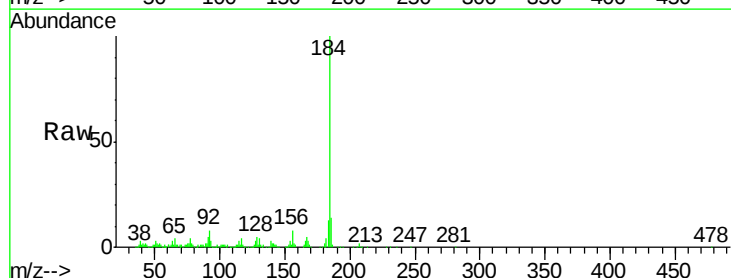
Tgt Ion:184 Resp: 198563

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

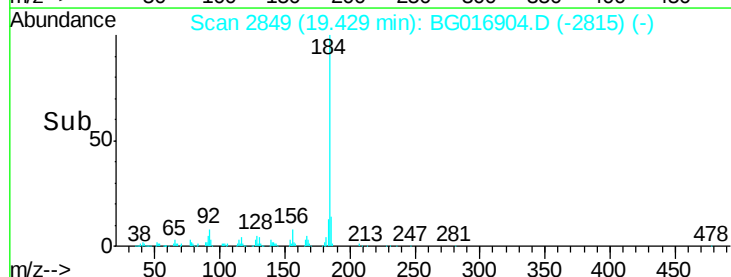
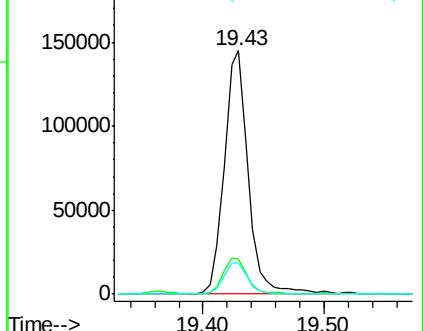
183 12.9 10.6 15.8

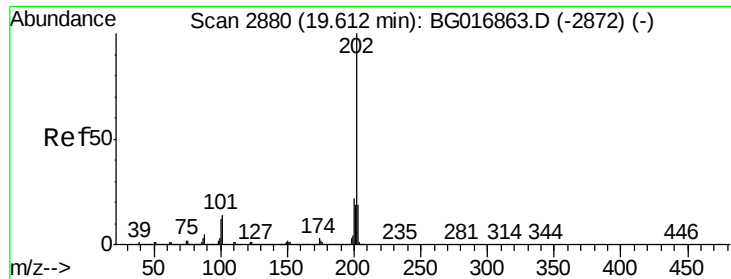


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.66 ng

RT: 19.61 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

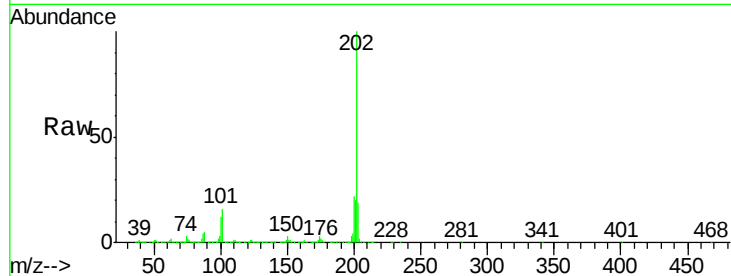
Tgt Ion:202 Resp: 1085713

Ion Ratio Lower Upper

202 100

200 22.4 17.9 26.9

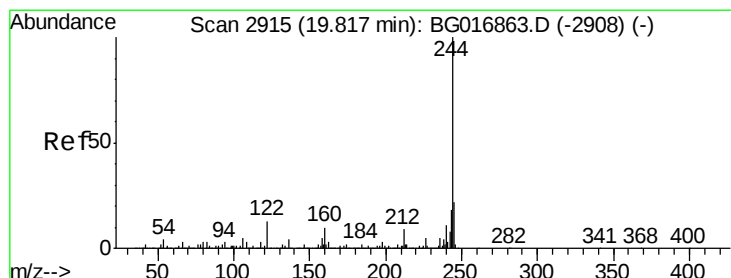
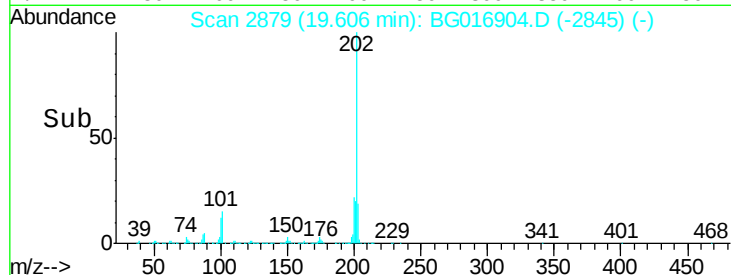
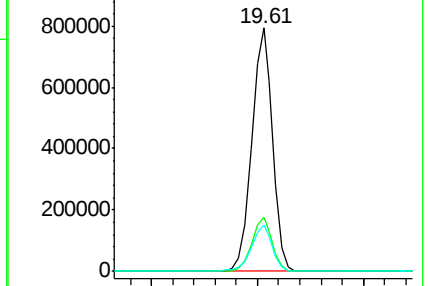
203 19.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.73 ng

RT: 19.81 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

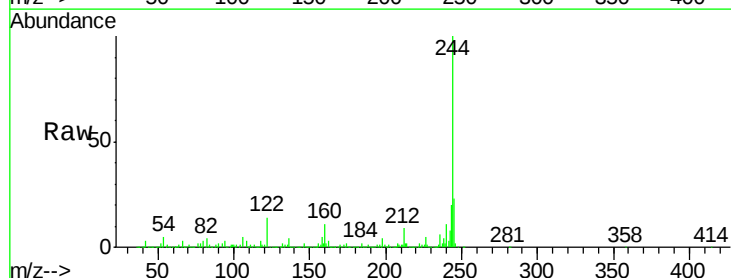
Tgt Ion:244 Resp: 1629366

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

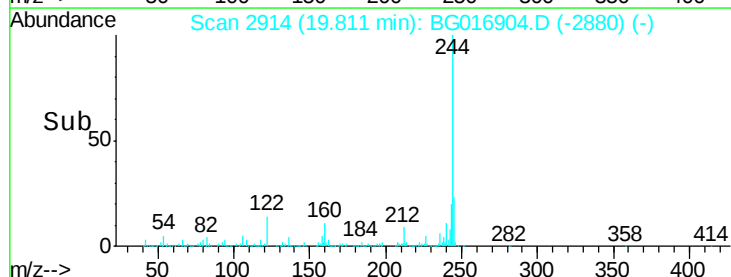
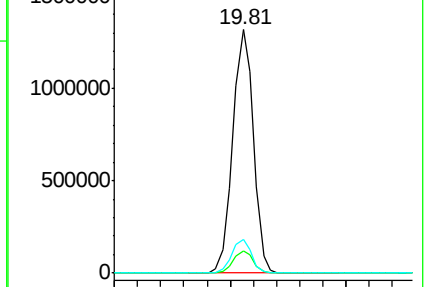
122 14.0 10.4 15.6

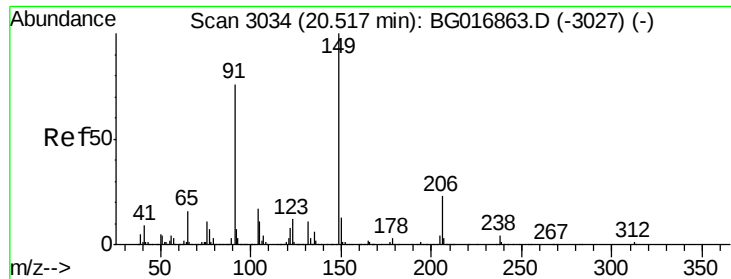


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

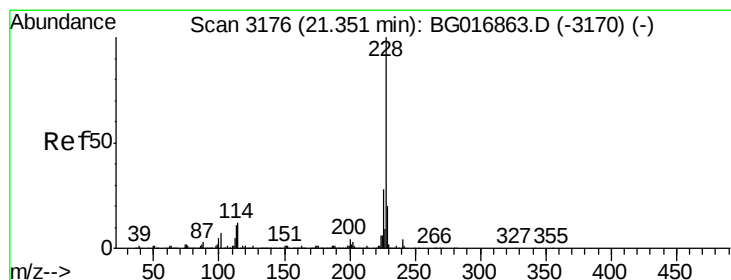
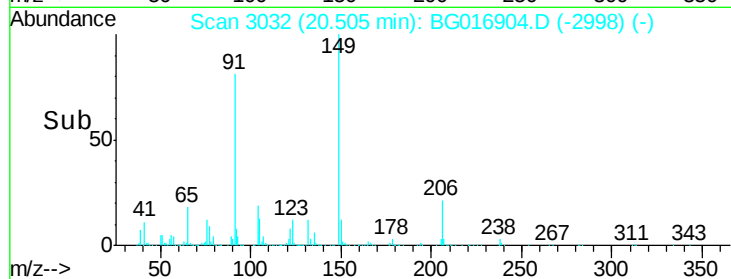
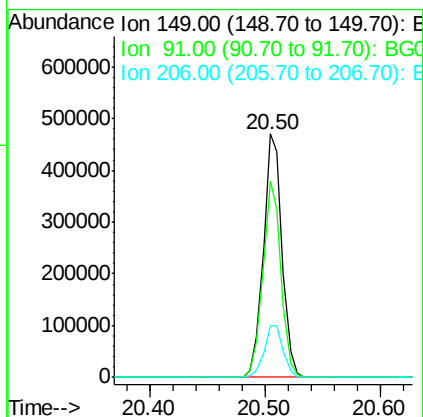
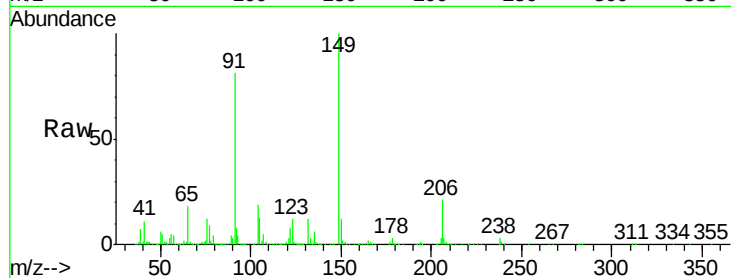




#79
Butylbenzylphthalate
Concen: 46.18 ng
RT: 20.50 min Scan# 3032
Delta R.T. 0.00 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

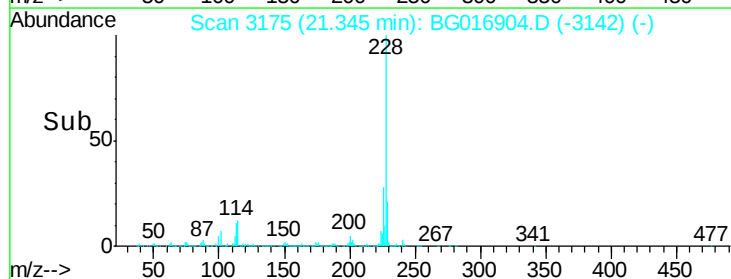
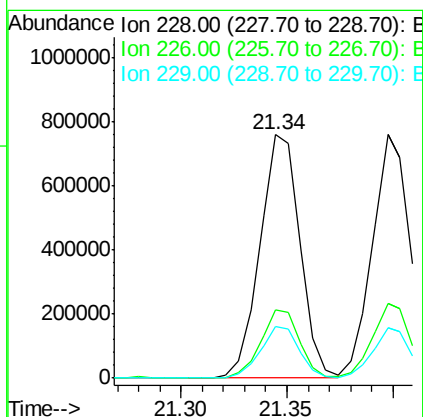
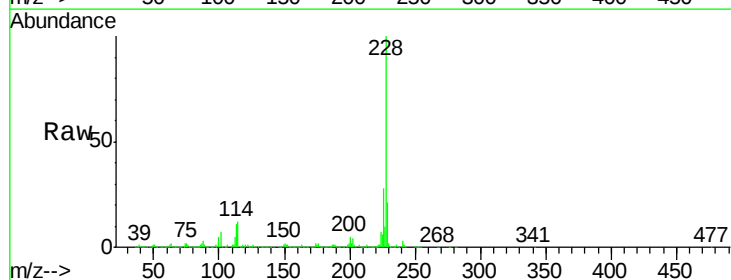
Instrument :
BNA_G
ClientSampleId :
11MSD

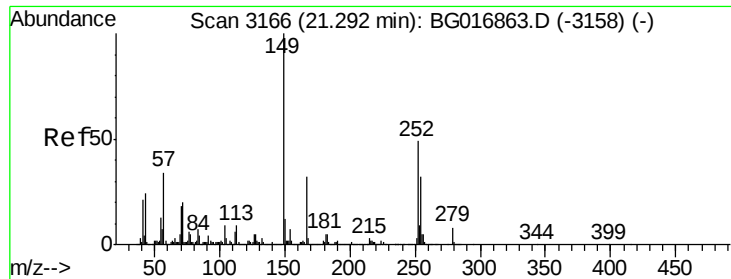
Tgt Ion:149 Resp: 533597
Ion Ratio Lower Upper
149 100
91 80.6 60.6 91.0
206 21.3 18.4 27.6



#80
Benzo(a)anthracene
Concen: 45.29 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG016904.D
Acq: 6 May 2015 17:53

Tgt Ion:228 Resp: 1000683
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 21.1 16.1 24.1

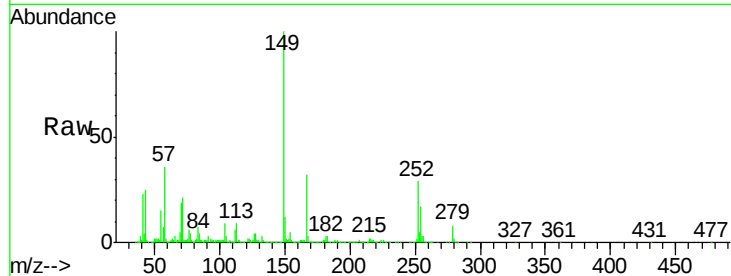




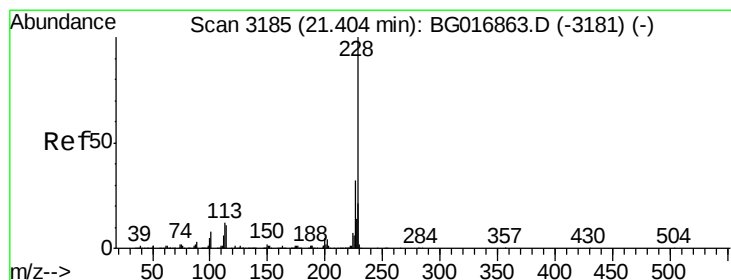
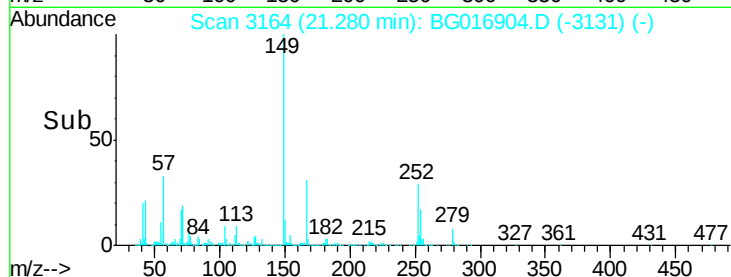
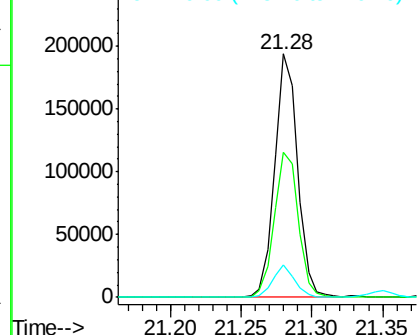
#81
 3,3'-Dichlorobenzidine
 Concen: 25.57 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Instrument :
 BNA_G
 ClientSampleId :
 11MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.8	51.7	77.5
126	13.2	8.9	13.3

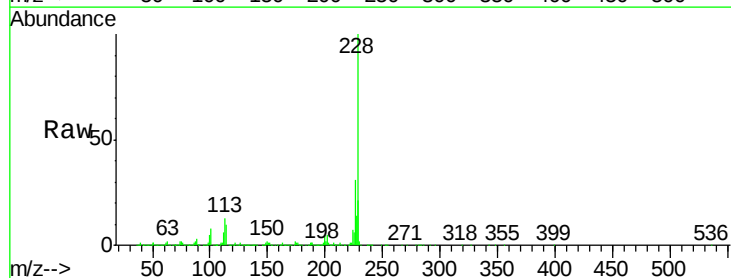


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

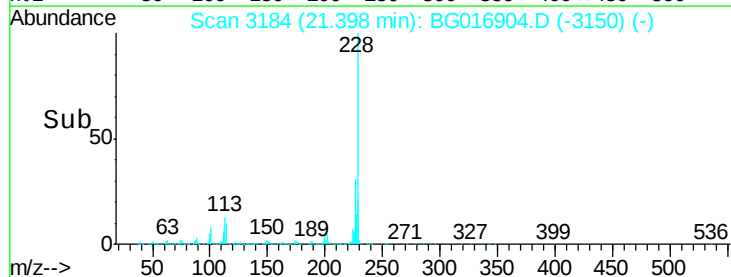
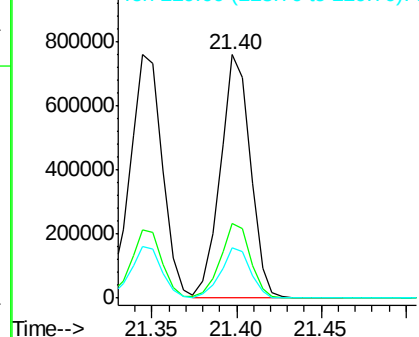


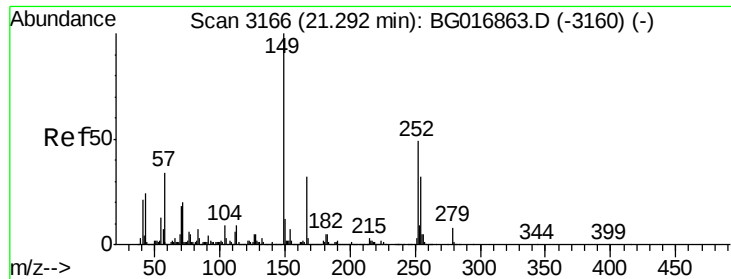
#82
 Chrysene
 Concen: 45.27 ng
 RT: 21.40 min Scan# 3184
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.8	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

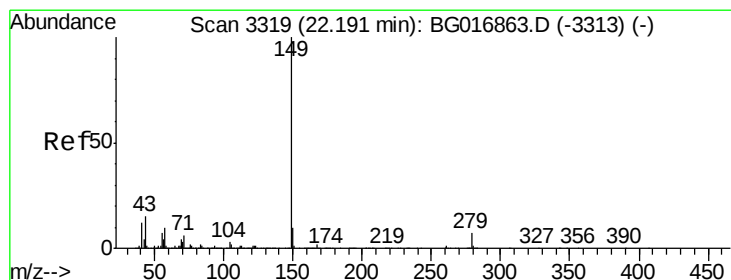
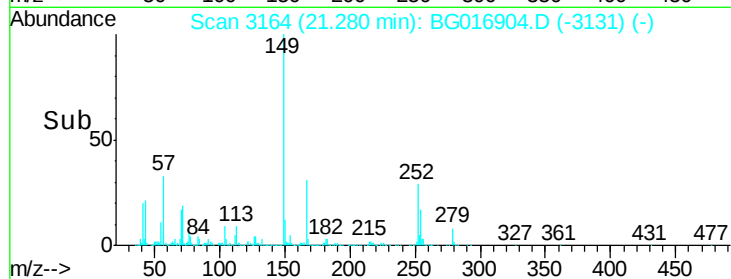
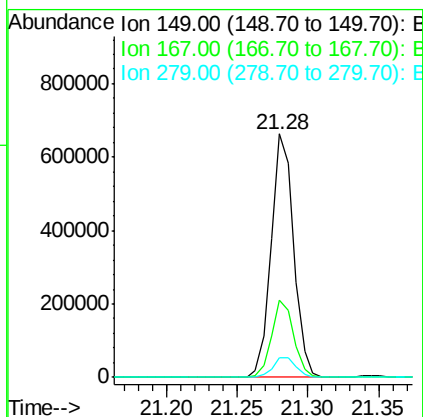
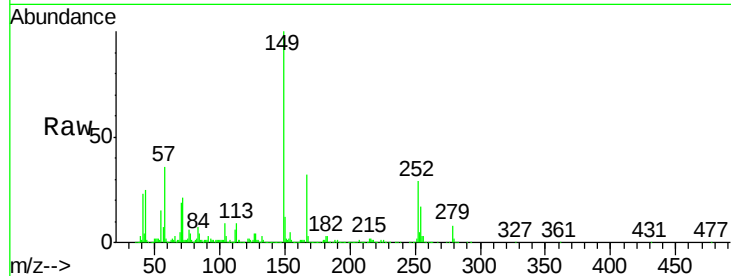




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.01 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

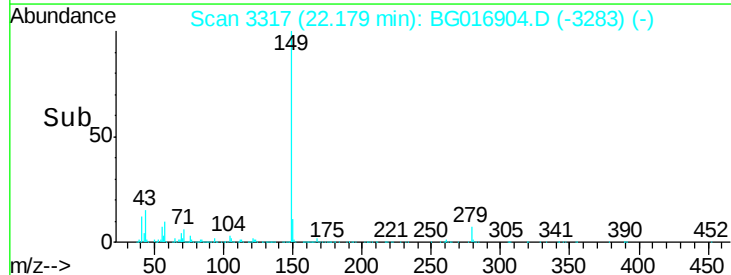
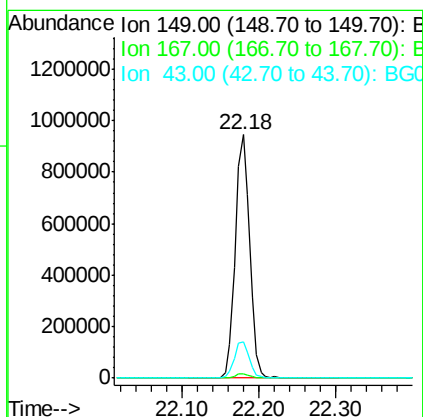
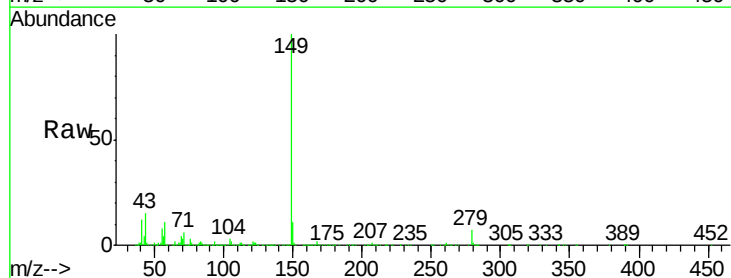
Instrument :
 BNA_G
 ClientSampleId :
 11MSD

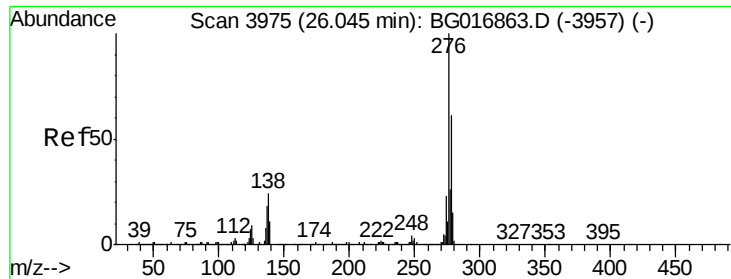
Tgt Ion:149 Resp: 742918
 Ion Ratio Lower Upper
 149 100
 167 31.5 25.4 38.0
 279 8.0 6.4 9.6



#84
 Di-n-octyl phthalate
 Concen: 46.92 ng
 RT: 22.18 min Scan# 3317
 Delta R.T. 0.00 min
 Lab File: BG016904.D
 Acq: 6 May 2015 17:53

Tgt Ion:149 Resp: 1245745
 Ion Ratio Lower Upper
 149 100
 167 1.8 0.0 0.0#
 43 15.1 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.58 ng

RT: 26.04 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

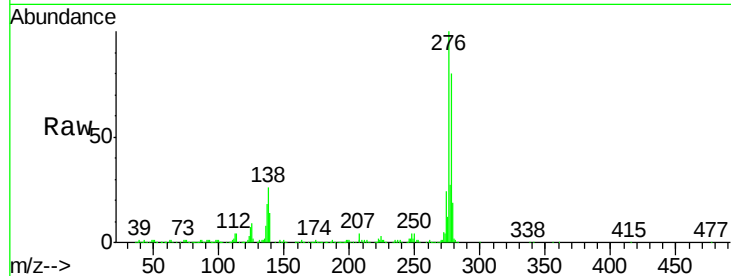
Tgt Ion:276 Resp: 1124060

Ion Ratio Lower Upper

276 100

138 26.3 0.0 0.0#

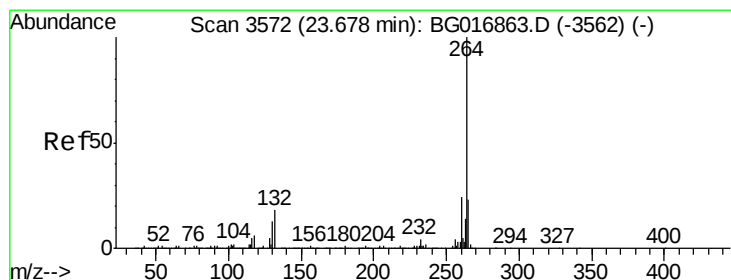
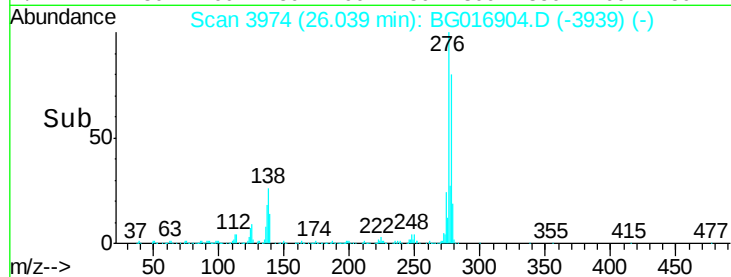
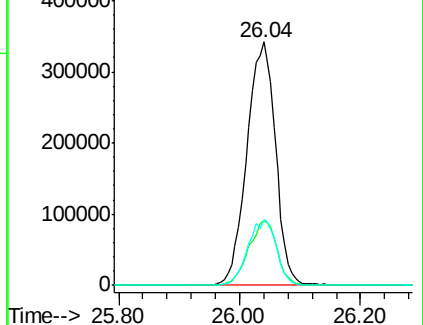
277 26.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3570

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

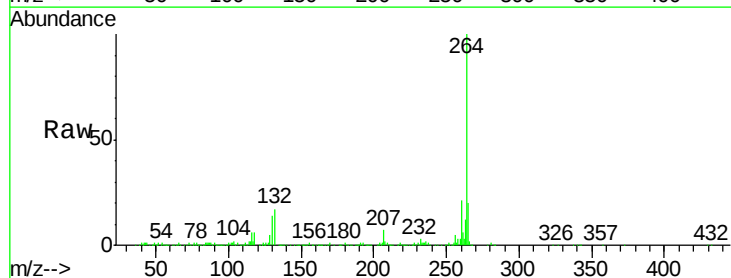
Tgt Ion:264 Resp: 392914

Ion Ratio Lower Upper

264 100

260 21.4 19.5 29.3

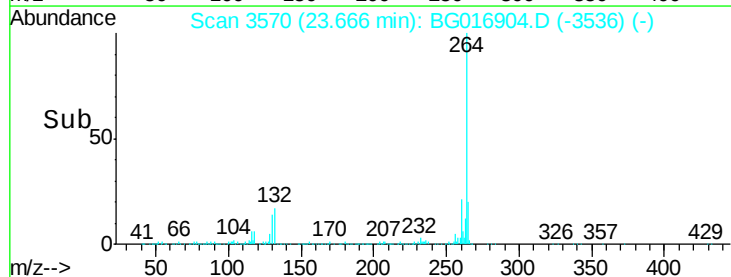
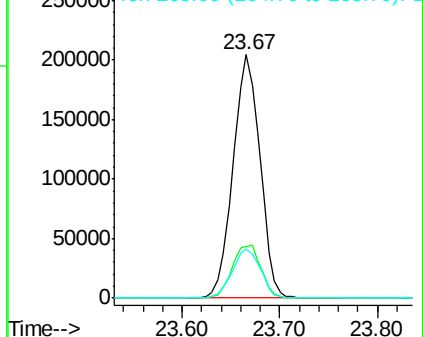
265 20.4 18.5 27.7

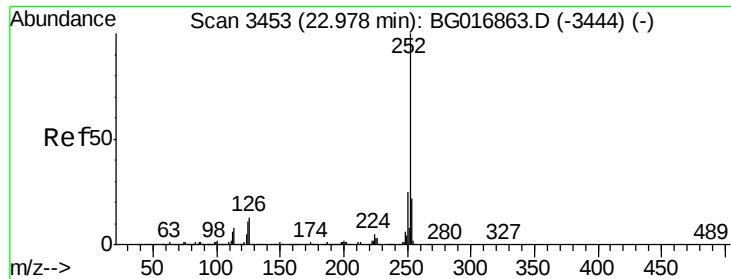


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.24 ng

RT: 22.97 min Scan# 3451

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

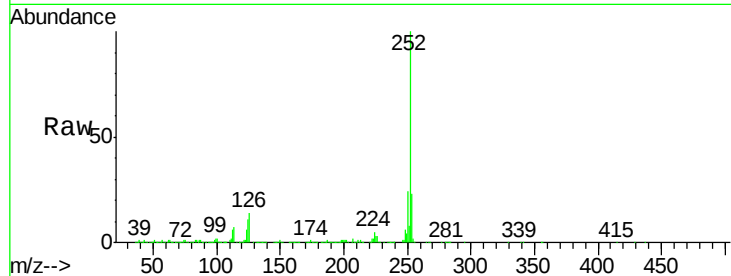
Tgt Ion:252 Resp: 1033926

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

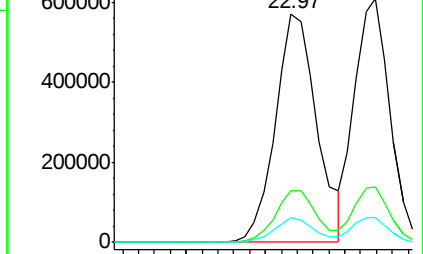
125 11.1 8.6 13.0



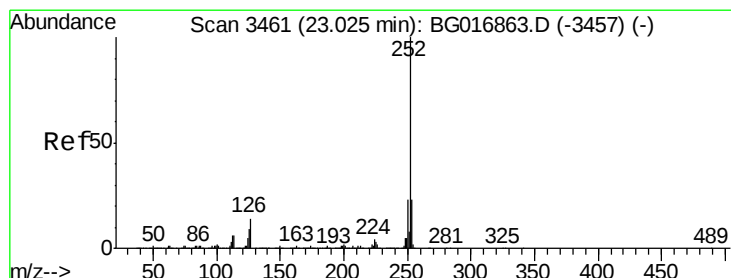
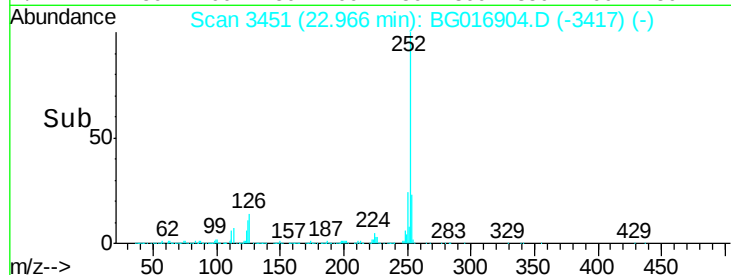
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 44.77 ng

RT: 23.02 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

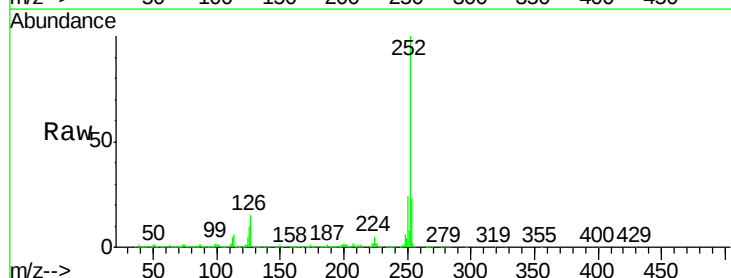
Tgt Ion:252 Resp: 942776

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

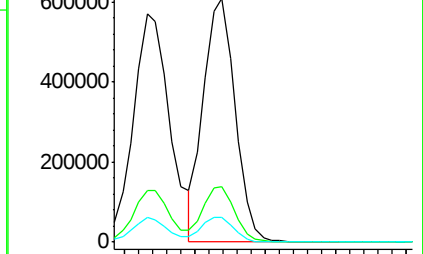
125 10.3 7.9 11.9



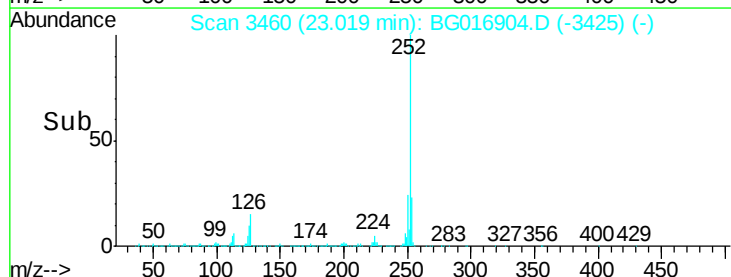
Abundance Ion 252.00 (251.70 to 252.70): E

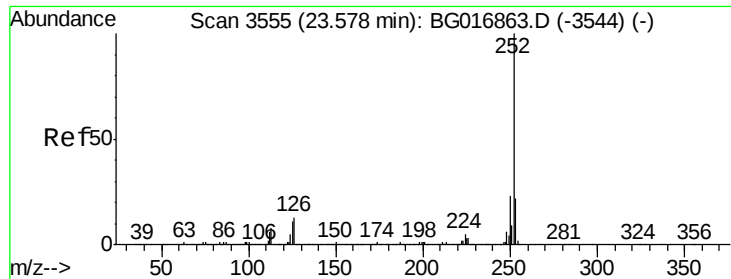
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 47.31 ng

RT: 23.57 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

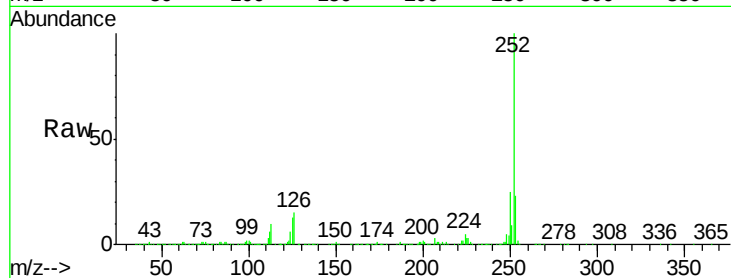
Tgt Ion:252 Resp: 965639

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

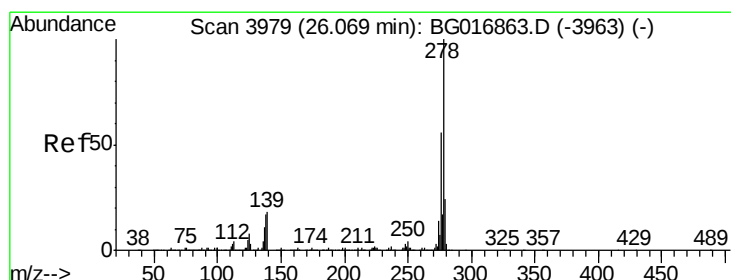
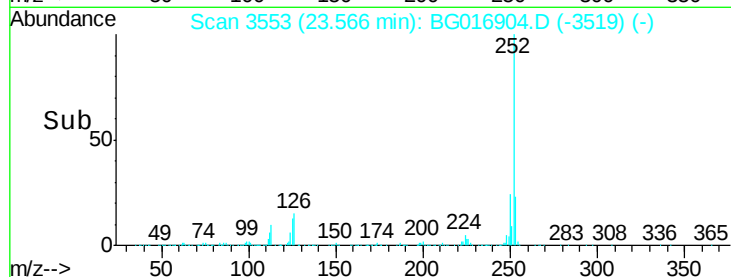
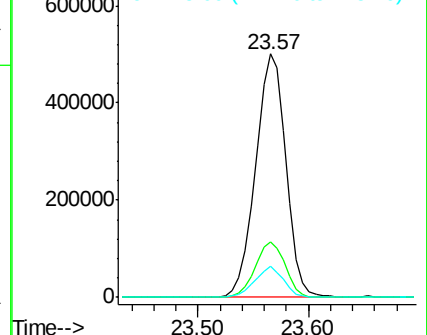
125 12.6 8.5 12.7



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: 45.37 ng

RT: 26.05 min Scan# 3976

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

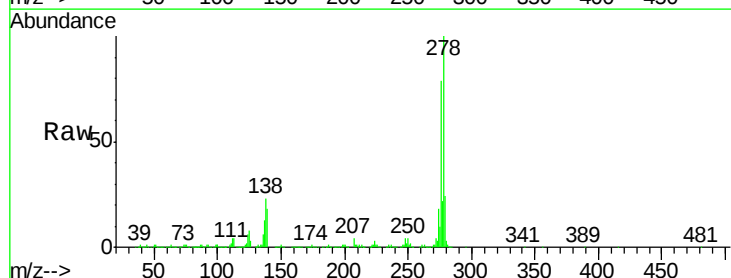
Tgt Ion:278 Resp: 945860

Ion Ratio Lower Upper

278 100

139 18.1 14.2 21.2

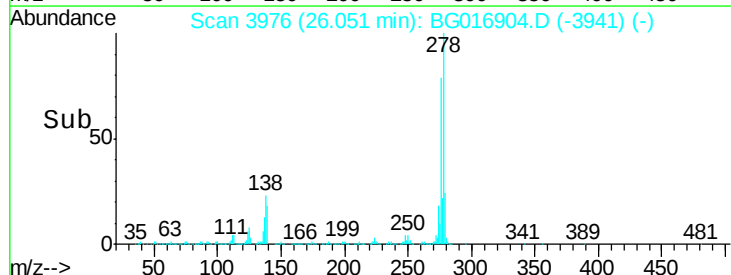
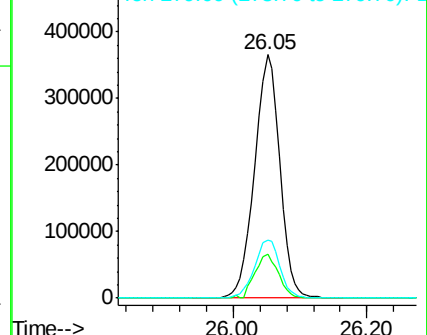
279 23.9 18.9 28.3

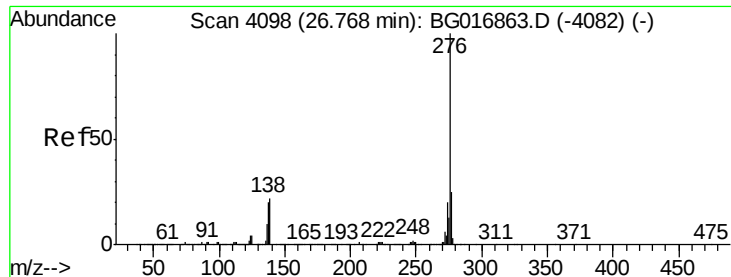


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.30 ng

RT: 26.76 min Scan# 4097

Delta R.T. 0.01 min

Lab File: BG016904.D

Acq: 6 May 2015 17:53

Instrument :

BNA_G

ClientSampleId :

11MSD

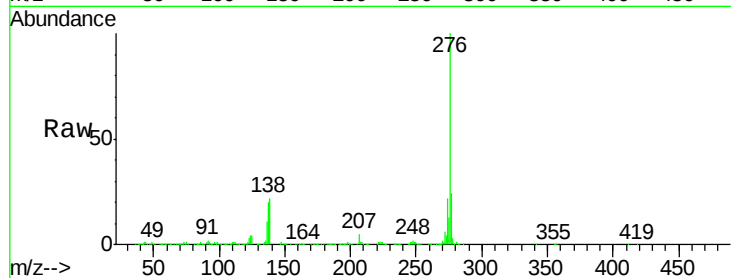
Tgt Ion: 276 Resp: 919161

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 22.0 17.5 26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

