

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016881.D
 Acq On : 6 May 2015 2:03
 Operator : TP/IZ
 Sample : G2114-18MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

Quant Time: May 06 03:57:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 03:35:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	84213	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	367796	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	240889	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	518630	20.00	ng	0.00
75) Chrysene-d12	21.36	240	533287	20.00	ng	0.00
86) Perylene-d12	23.67	264	524695	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	371827	76.88	ng	0.00
7) Phenol-d6	6.97	99	519465	75.18	ng	0.00
23) Nitrobenzene-d5	8.96	82	328944	43.69	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	166119	68.69	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	674425	42.25	ng	0.00
78) Terphenyl-d14	19.81	244	969840	42.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	38746	19.12	ng	# 1
3) Pyridine	3.69	79	107512	17.16	ng	90
4) n-Nitrosodimethylamine	3.61	42	81971	21.91	ng	# 97
6) Aniline	7.13	93	150202	15.48	ng	100
8) 2-Chlorophenol	7.37	128	129316	23.08	ng	95
9) Benzaldehyde	6.94	77	57150	10.04	ng	92
10) Phenol	7.00	94	188439	25.43	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	126411	22.06	ng	93
12) 1,3-Dichlorobenzene	7.69	146	125363	20.29	ng	96
13) 1,4-Dichlorobenzene	7.84	146	128086	20.47	ng	97
14) 1,2-Dichlorobenzene	8.15	146	125093	20.83	ng	90
15) Benzyl Alcohol	8.04	79	136081	21.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.34	45	236586	22.31	ng	97
17) 2-Methylphenol	8.24	107	117832	22.58	ng	98
18) Hexachloroethane	8.88	117	51077	19.86	ng	93
19) n-Nitroso-di-n-propylamine	8.61	70	119086	19.66	ng	98
20) 3+4-Methylphenols	8.56	107	159340	22.16	ng	94
22) Acetophenone	8.62	105	196487	22.43	ng	98
24) Nitrobenzene	9.00	77	166924	21.96	ng	97
25) Isophorone	9.52	82	312286	20.54	ng	97
26) 2-Nitrophenol	9.71	139	68364	22.08	ng	93
27) 2,4-Dimethylphenol	9.77	122	132035	23.57	ng	95
28) bis(2-Chloroethoxy)methane	10.01	93	163627	21.32	ng	97
29) 2,4-Dichlorophenol	10.24	162	125350	23.68	ng	97
30) 1,2,4-Trichlorobenzene	10.46	180	121179	21.59	ng	97
31) Naphthalene	10.64	128	390458	21.34	ng	99
32) Benzoic acid	9.84	122	31519	12.36	ng	91
33) 4-Chloroaniline	10.76	127	142893	16.91	ng	99
34) Hexachlorobutadiene	10.93	225	69664	19.83	ng	92
35) Caprolactam	11.52	113	33983	12.36	ng	89
36) 4-Chloro-3-methylphenol	11.88	107	157641	23.26	ng	97
37) 2-Methylnaphthalene	12.26	142	295881	21.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	134998	20.73	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	169403	40.28	ng	97

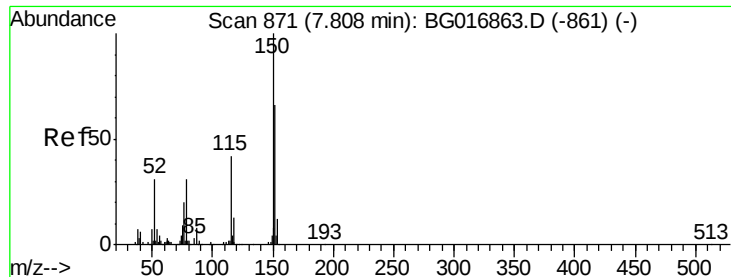
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016881.D
 Acq On : 6 May 2015 2:03
 Operator : TP/IZ
 Sample : G2114-18MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

Quant Time: May 06 03:57:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 03:35:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	98218	21.28	ng	94
43) 2,4,5-Trichlorophenol	12.94	196	106051	21.65	ng	96
45) 1,1'-Biphenyl	13.28	154	372938	21.62	ng	99
46) 2-Chloronaphthalene	13.32	162	291246	21.32	ng	97
47) 2-Nitroaniline	13.52	65	110682	23.28	ng	95
48) Acenaphthylene	14.16	152	493114	20.73	ng	98
49) Dimethylphthalate	13.91	163	412639	22.94	ng	99
50) 2,6-Dinitrotoluene	14.02	165	83035	22.23	ng	# 86
51) Acenaphthene	14.50	154	299044	21.12	ng	100
52) 3-Nitroaniline	14.34	138	79847	18.79	ng	91
53) 2,4-Dinitrophenol	14.55	184	68753	40.25	ng	94
54) Dibenzofuran	14.84	168	449008	22.33	ng	94
55) 4-Nitrophenol	14.65	139	158726	44.06	ng	99
56) 2,4-Dinitrotoluene	14.80	165	112024	23.45	ng	# 91
57) Fluorene	15.49	166	381734	21.45	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	93403	22.10	ng	# 77
59) Diethylphthalate	15.27	149	400524	21.09	ng	99
60) 4-Chlorophenyl-phenylether	15.49	204	190333	21.28	ng	95
61) 4-Nitroaniline	15.50	138	102321	20.77	ng	91
62) Azobenzene	15.78	77	480880	24.45	ng	99
64) 4,6-Dinitro-2-methylphenol	15.56	198	54328	21.13	ng	96
65) n-Nitrosodiphenylamine	15.70	169	335841	21.21	ng	99
66) 4-Bromophenyl-phenylether	16.38	248	111350	21.39	ng	93
67) Hexachlorobenzene	16.49	284	118002	21.50	ng	99
68) Atrazine	16.65	200	127540	22.39	ng	98
69) Pentachlorophenol	16.83	266	152036	42.66	ng	99
70) Phenanthrene	17.23	178	580091	21.73	ng	98
71) Anthracene	17.32	178	581804	21.61	ng	98
72) Carbazole	17.59	167	577944	22.58	ng	97
73) Di-n-butylphthalate	18.16	149	714375	21.53	ng	99
74) Fluoranthene	19.25	202	667708	21.56	ng	99
76) Benzidine	19.43	184	318066	17.55	ng	99
77) Pyrene	19.60	202	690649	21.94	ng	98
79) Butylbenzylphthalate	20.51	149	316342	21.15	ng	98
80) Benzo(a)anthracene	21.35	228	617775	21.59	ng	97
81) 3,3'-Dichlorobenzidine	21.28	252	215273	19.27	ng	98
82) Chrysene	21.40	228	578230	21.58	ng	98
83) Bis(2-ethylhexyl)phthalate	21.28	149	451606	22.07	ng	99
84) Di-n-octyl phthalate	22.18	149	799322	23.25	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.03	276	667987	20.92	ng	# 100
87) Benzo(b)fluoranthene	22.97	252	642824	21.99	ng	99
88) Benzo(k)fluoranthene	23.02	252	602712	21.43	ng	97
89) Benzo(a)pyrene	23.56	252	614601	22.55	ng	99
90) Dibenzo(a,h)anthracene	26.05	278	570742	20.50	ng	99
91) Benzo(g,h,i)perylene	26.75	276	548059	20.67	ng	98

(#) = 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

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

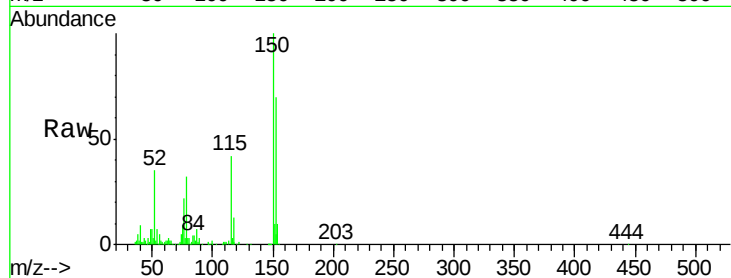
Tgt Ion:152 Resp: 84213

Ion Ratio Lower Upper

152 100

150 142.3 121.0 181.4

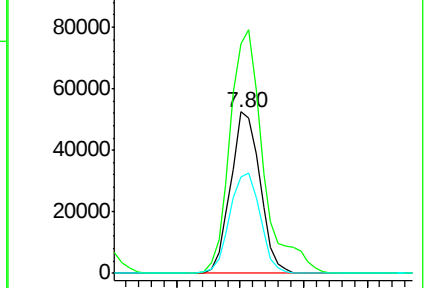
115 59.8 50.5 75.7



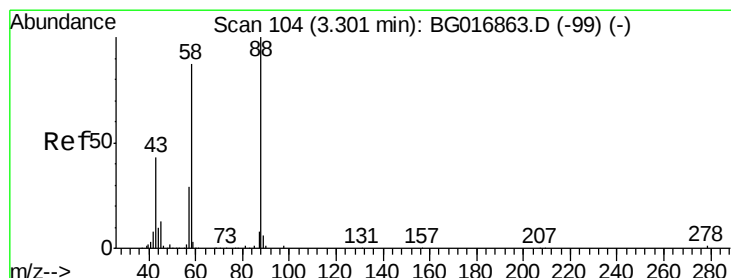
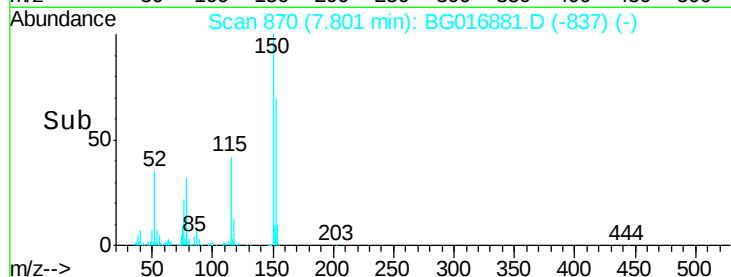
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 19.12 ng

RT: 3.30 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

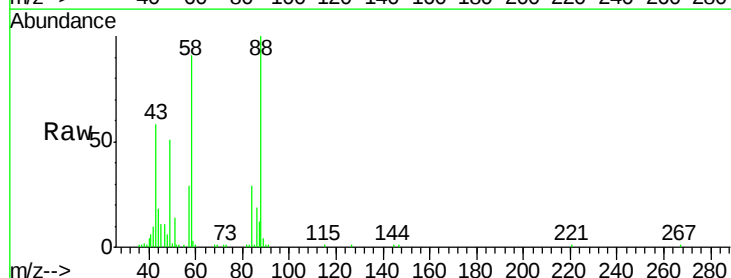
Tgt Ion: 88 Resp: 38746

Ion Ratio Lower Upper

88 100

58 94.5 0.1 0.1#

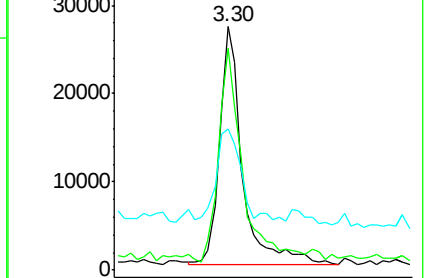
43 45.8 1.3 1.9#



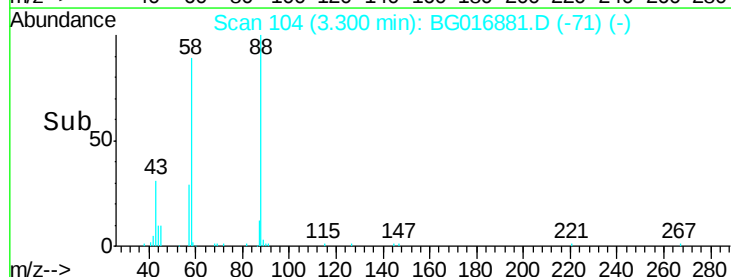
Abundance Ion 88.00 (87.70 to 88.70): BGC

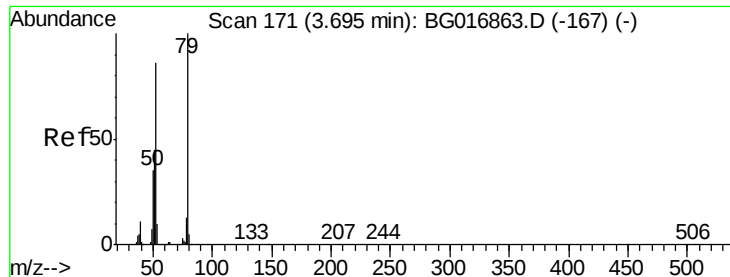
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pyridine

Concen: 17.16 ng

RT: 3.69 min Scan# 171

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

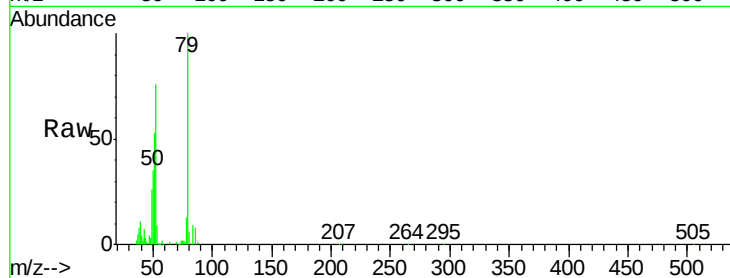
Tgt Ion: 79 Resp: 107512

Ion Ratio Lower Upper

79 100

52 75.7 68.5 102.7

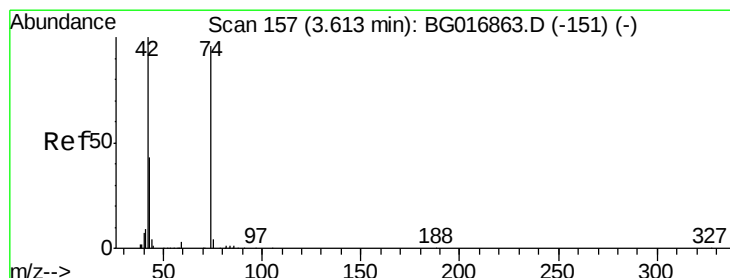
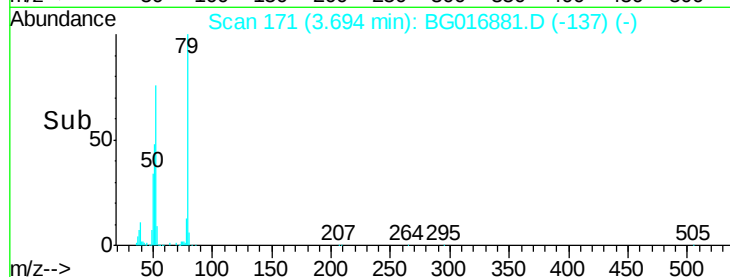
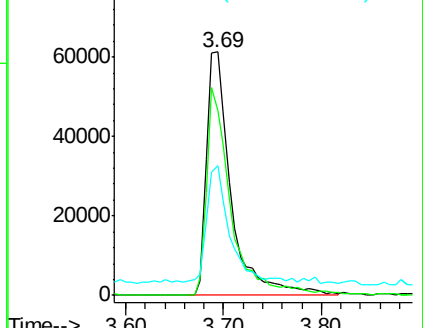
51 53.5 37.8 56.8



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: 21.91 ng

RT: 3.61 min Scan# 157

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

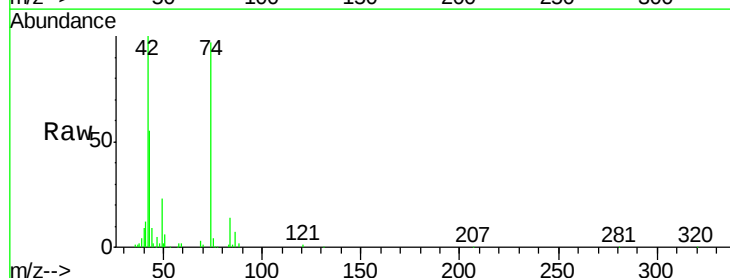
Tgt Ion: 42 Resp: 81971

Ion Ratio Lower Upper

42 100

74 97.4 76.2 114.2

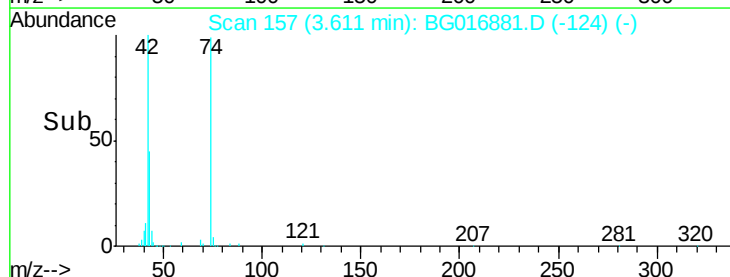
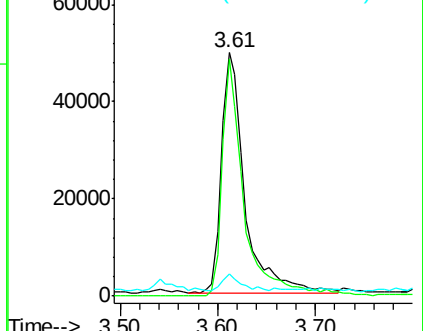
44 9.3 4.9 7.3#

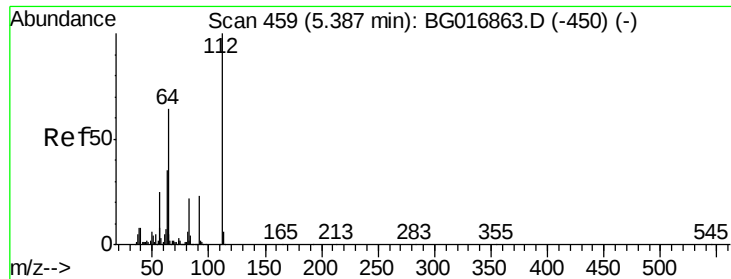


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 76.88 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

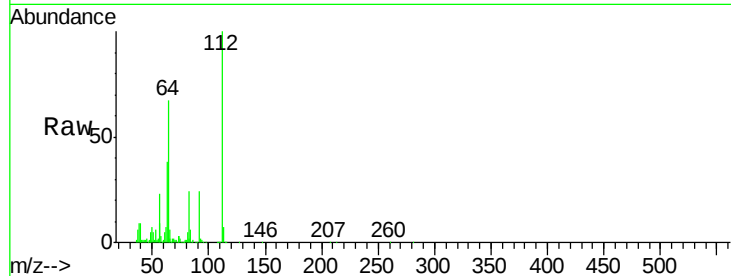
Tgt Ion: 112 Resp: 371827

Ion Ratio Lower Upper

112 100

64 66.9 51.4 77.2

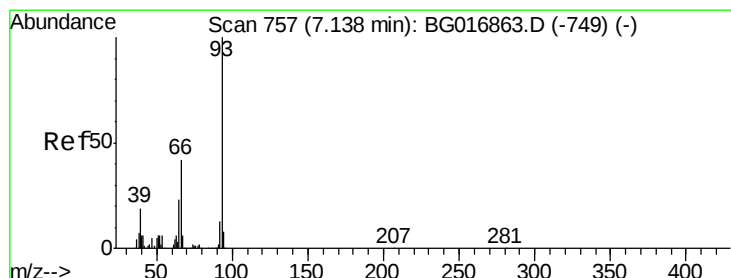
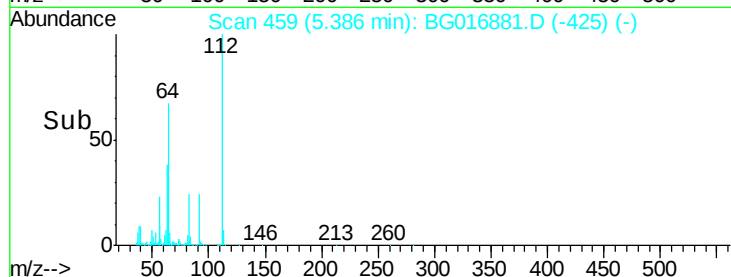
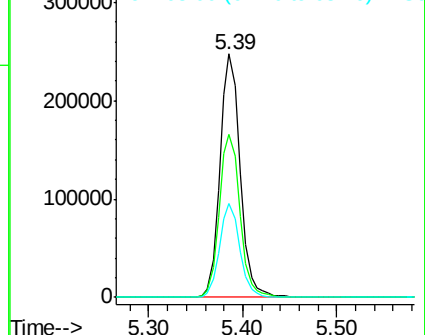
63 38.5 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.48 ng

RT: 7.13 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

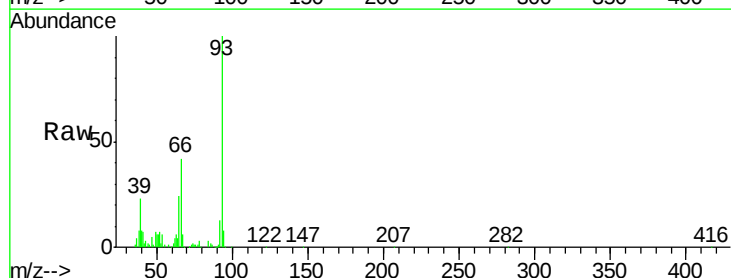
Tgt Ion: 93 Resp: 150202

Ion Ratio Lower Upper

93 100

66 42.2 33.8 50.6

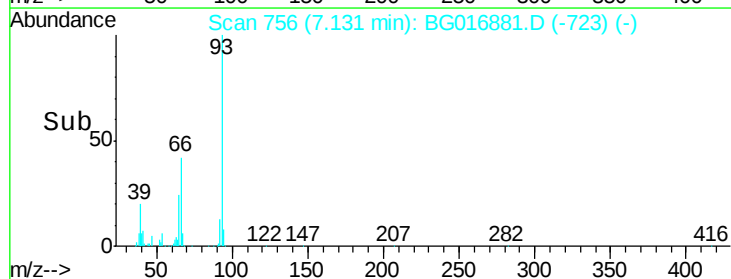
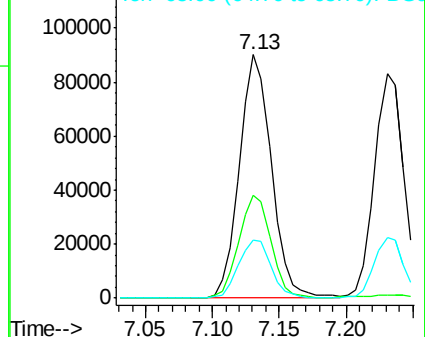
65 23.7 18.7 28.1

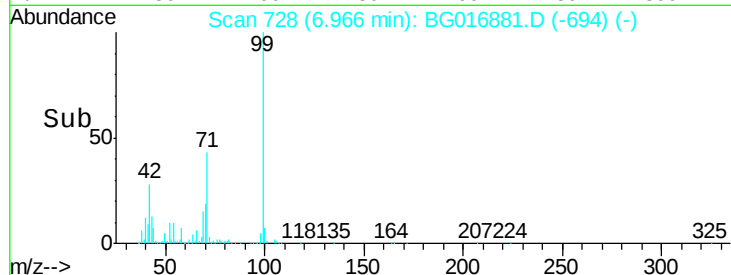
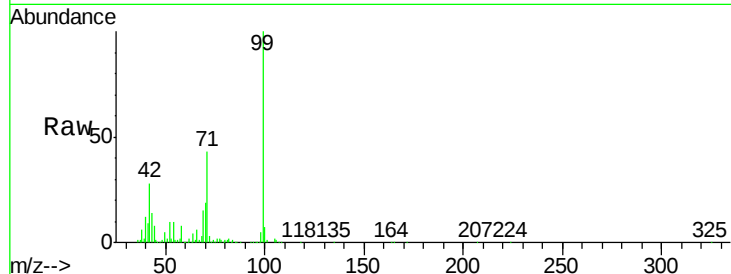
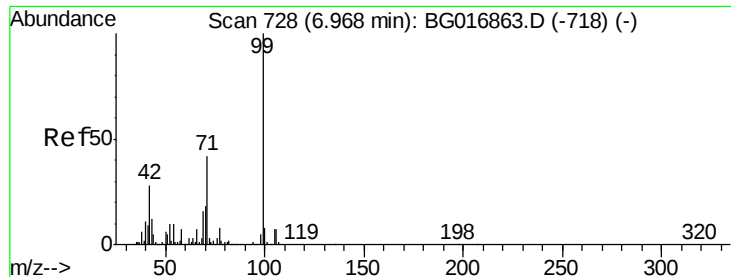


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 75.18 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

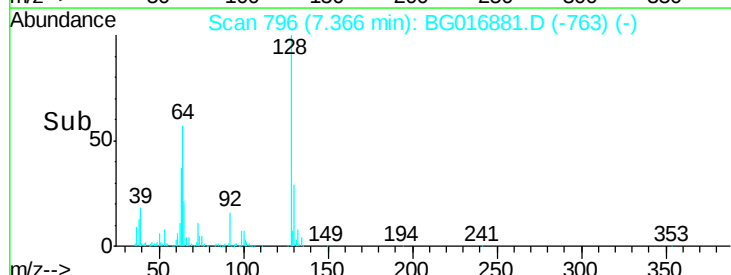
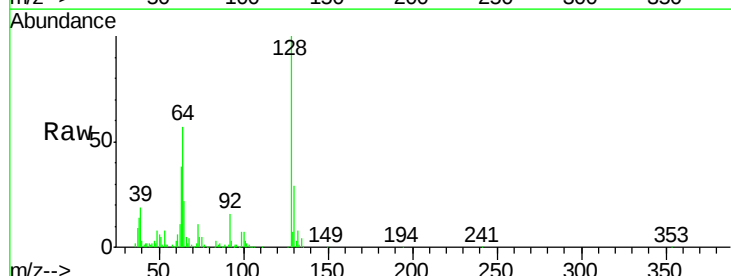
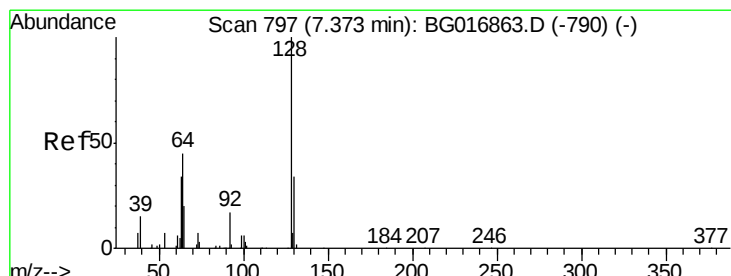
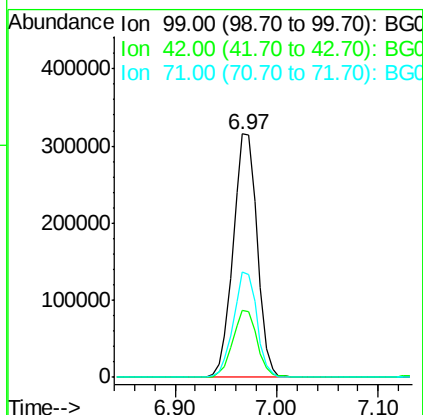
Tgt Ion: 99 Resp: 519465

Ion Ratio Lower Upper

99 100

42 27.7 22.1 33.1

71 43.2 33.4 50.0



#8

2-Chlorophenol

Concen: 23.08 ng

RT: 7.37 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

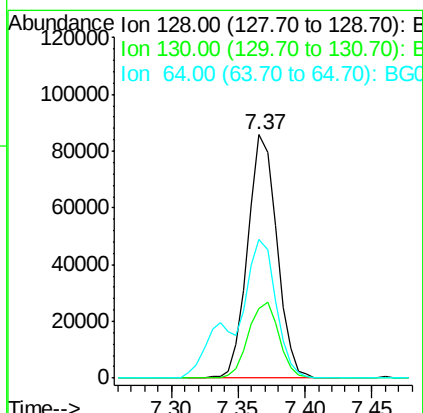
Tgt Ion: 128 Resp: 129316

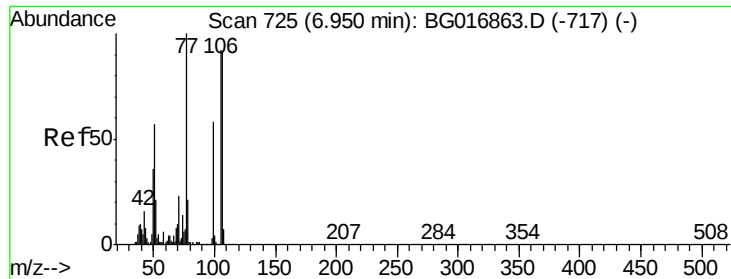
Ion Ratio Lower Upper

128 100

130 28.7 14.4 54.4

64 56.8 38.4 78.4





#9

Benzaldehyde

Concen: 10.04 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

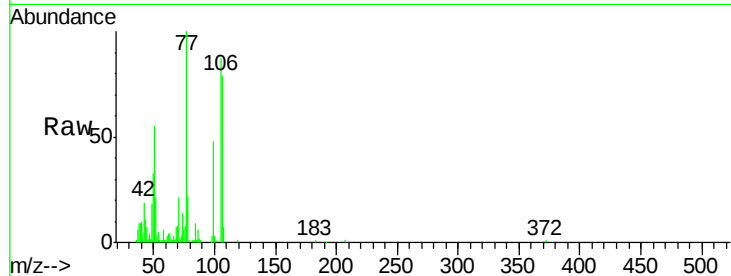
Tgt Ion: 77 Resp: 57150

Ion Ratio Lower Upper

77 100

105 87.5 71.6 111.6

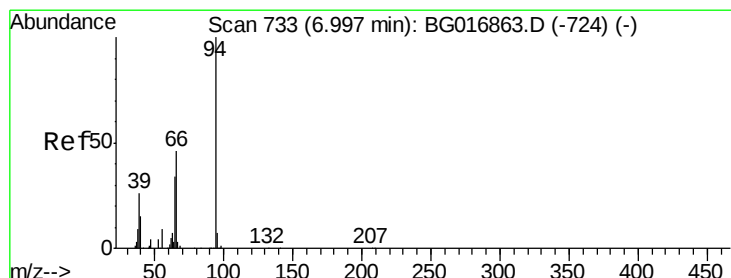
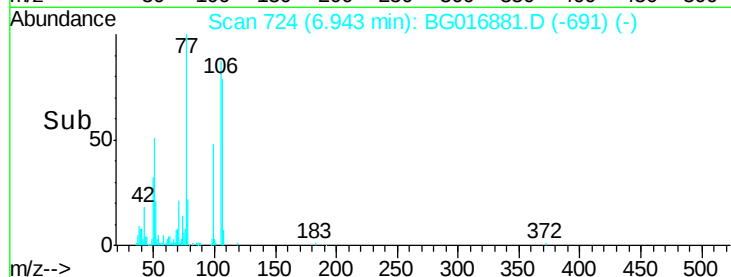
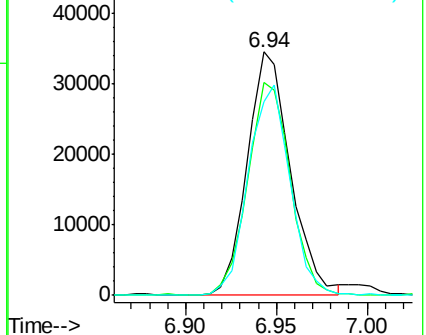
106 79.5 71.5 111.5



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: 25.43 ng

RT: 7.00 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

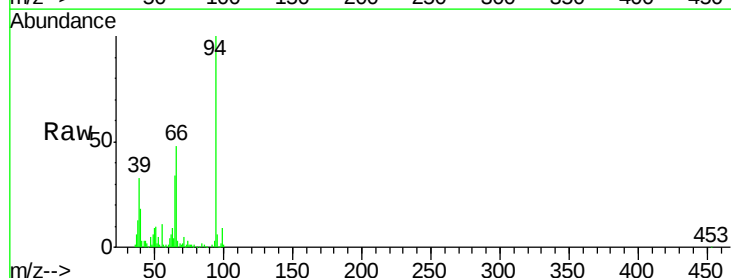
Tgt Ion: 94 Resp: 188439

Ion Ratio Lower Upper

94 100

65 33.5 14.3 54.3

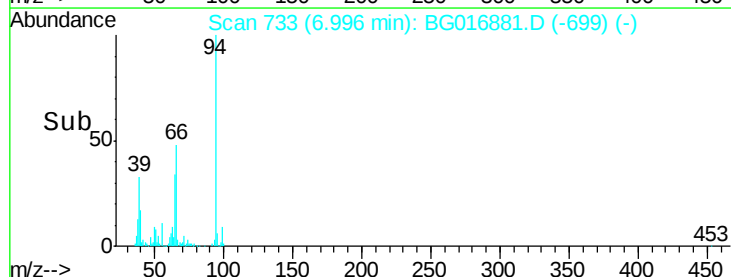
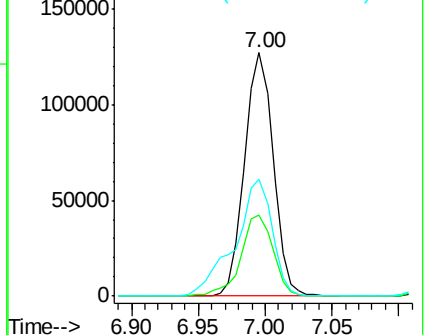
66 47.8 26.9 66.9

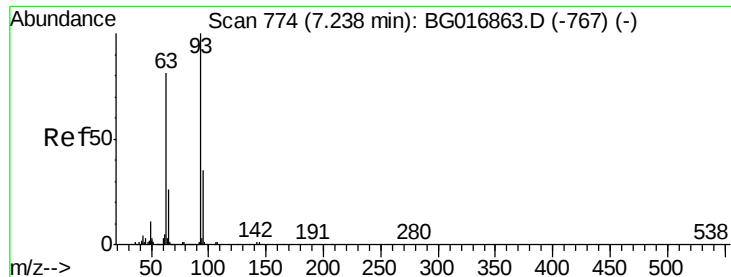


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

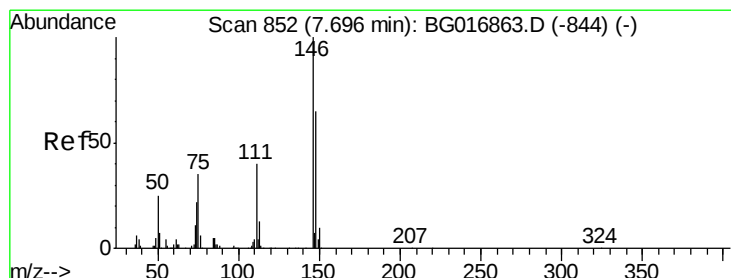
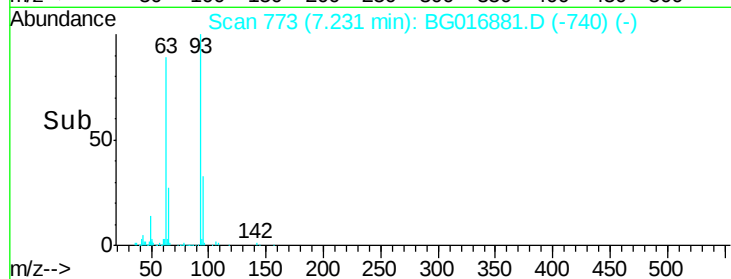
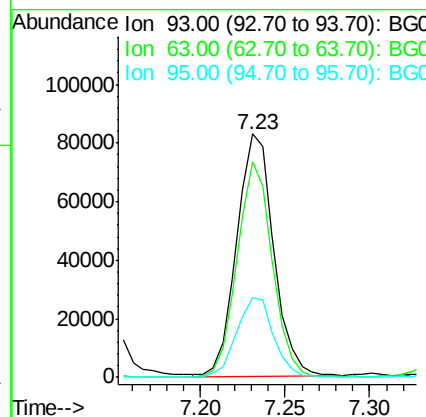
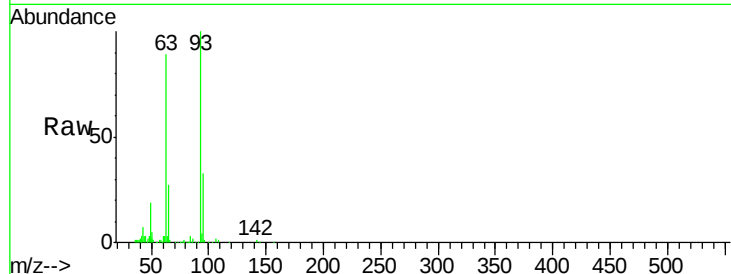




#11
 bis(2-Chloroethyl)ether
 Concen: 22.06 ng
 RT: 7.23 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

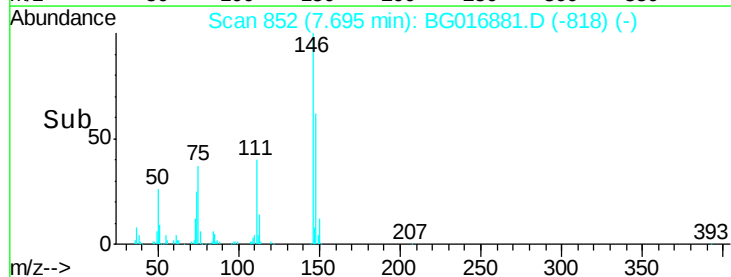
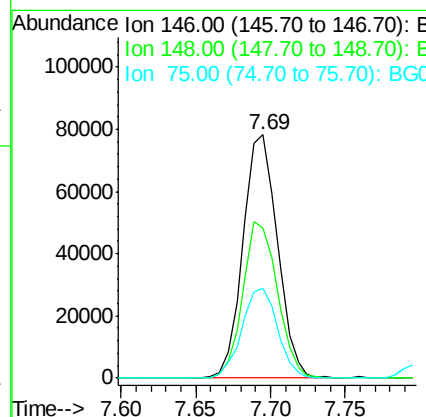
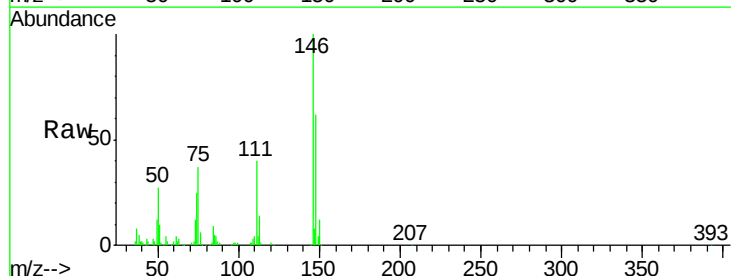
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

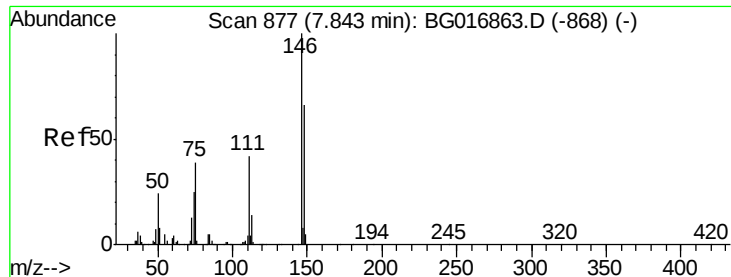
Tgt Ion: 93 Resp: 126411
 Ion Ratio Lower Upper
 93 100
 63 88.5 61.2 101.2
 95 32.7 15.0 55.0



#12
 1,3-Dichlorobenzene
 Concen: 20.29 ng
 RT: 7.69 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion: 146 Resp: 125363
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.9 77.9
 75 37.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 20.47 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

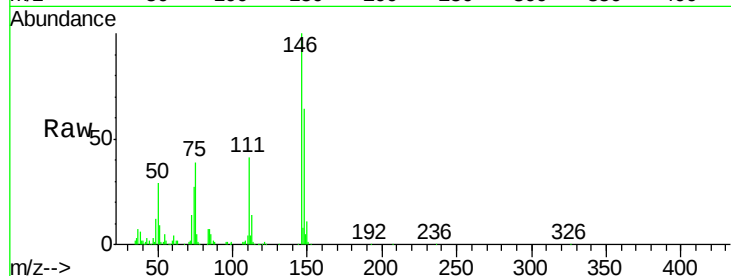
Tgt Ion:146 Resp: 128086

Ion Ratio Lower Upper

146 100

148 63.8 52.8 79.2

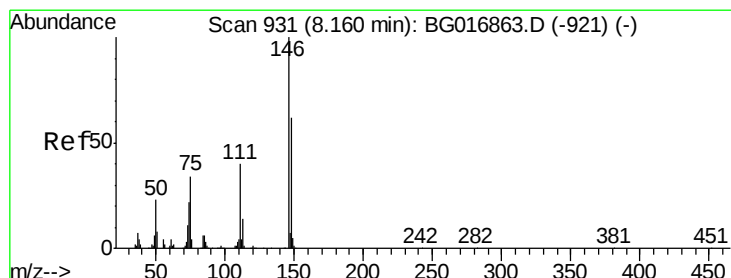
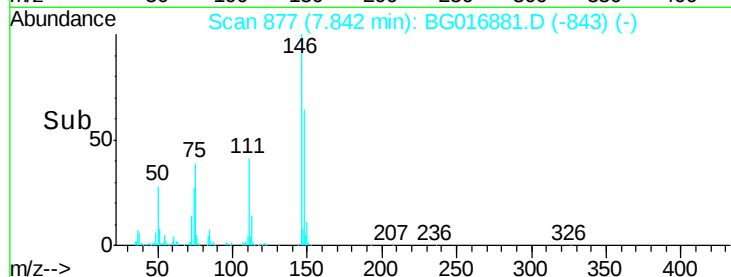
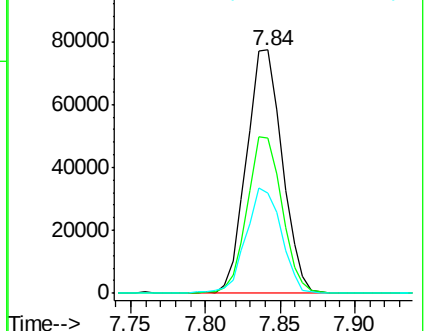
111 41.0 33.9 50.9



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: 20.83 ng

RT: 8.15 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

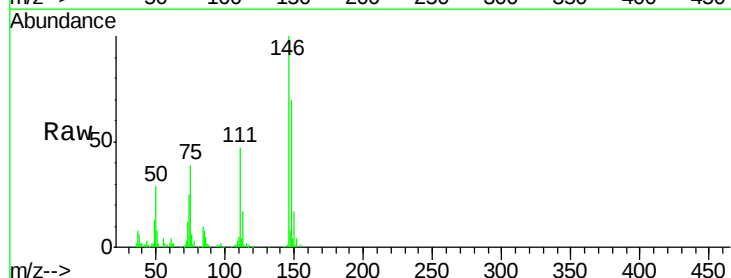
Tgt Ion:146 Resp: 125093

Ion Ratio Lower Upper

146 100

148 70.0 49.9 74.9

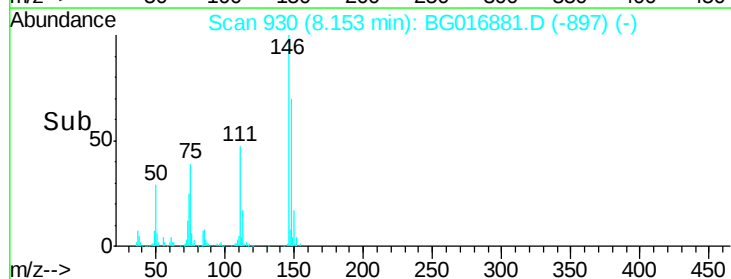
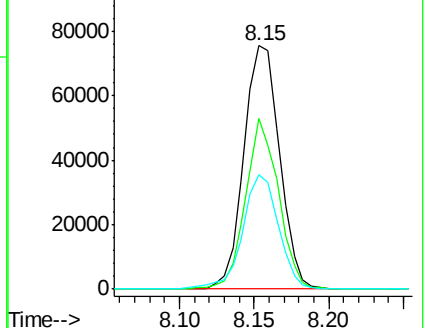
111 46.9 32.1 48.1

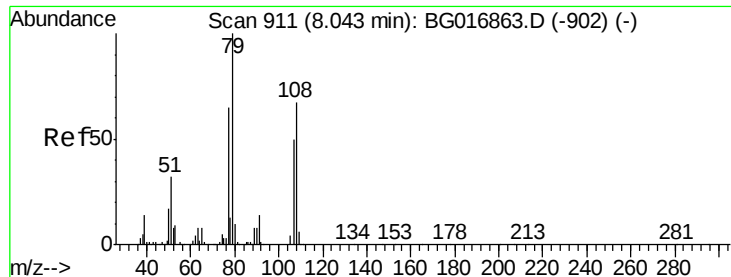


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 21.56 ng

RT: 8.04 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

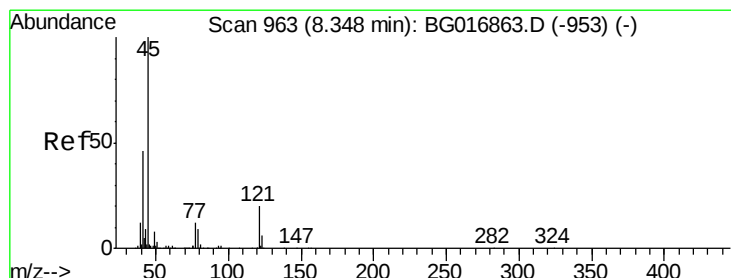
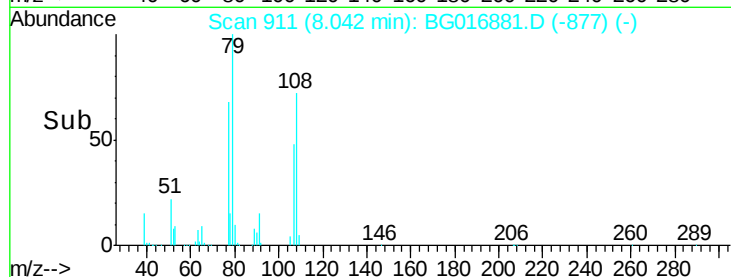
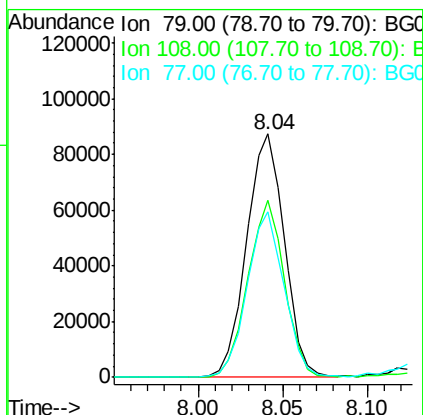
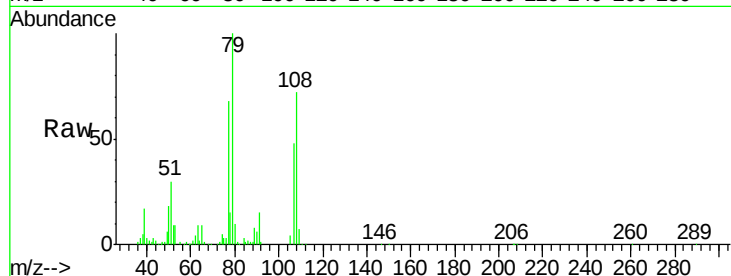
Tgt Ion: 79 Resp: 136081

Ion Ratio Lower Upper

79 100

108 72.5 53.4 80.2

77 68.1 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.31 ng

RT: 8.34 min Scan# 962

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

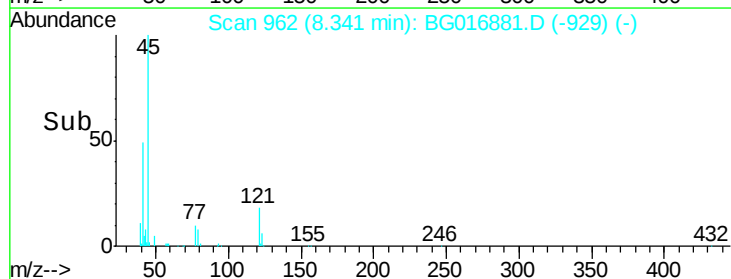
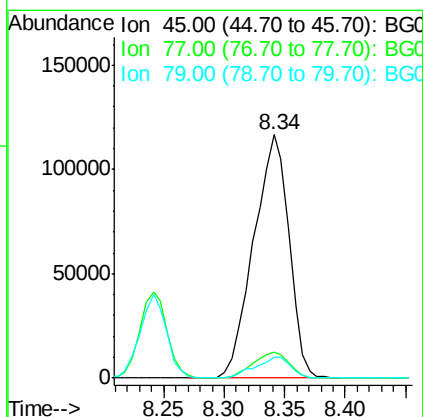
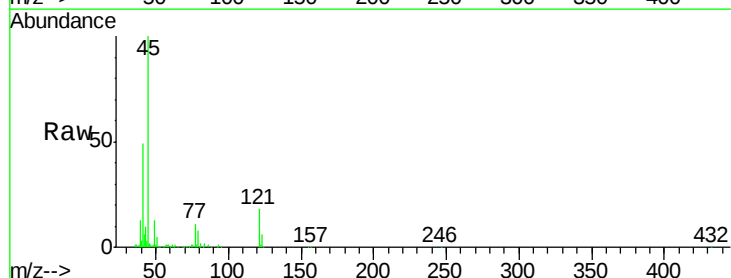
Tgt Ion: 45 Resp: 236586

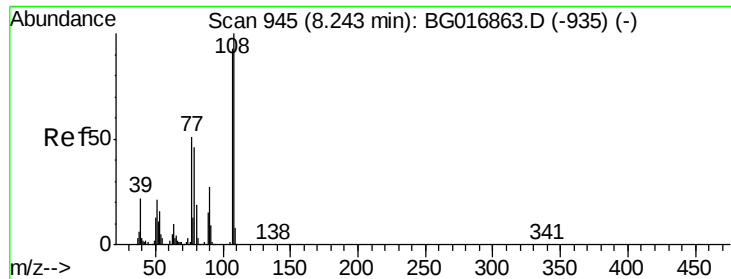
Ion Ratio Lower Upper

45 100

77 10.6 0.0 31.8

79 8.4 0.0 29.1

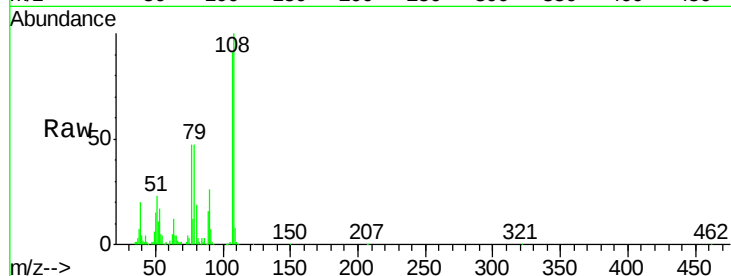




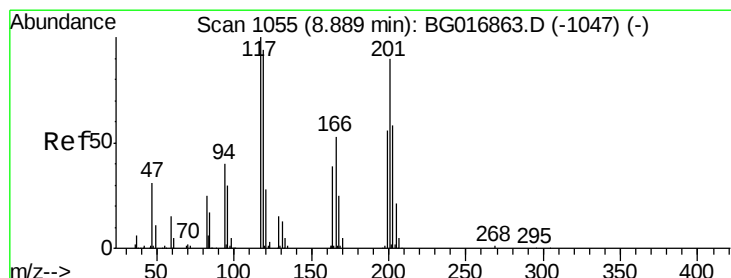
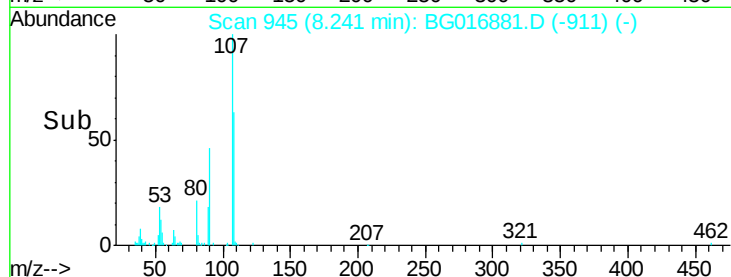
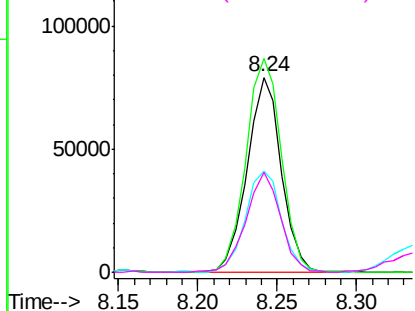
#17
 2-Methylphenol
 Concen: 22.58 ng
 RT: 8.24 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

Tgt Ion:	107	Resp:	117832
Ion	Ratio	Lower	Upper
107	100		
108	109.4	85.9	128.9
77	51.8	43.8	65.6
79	50.9	39.8	59.6

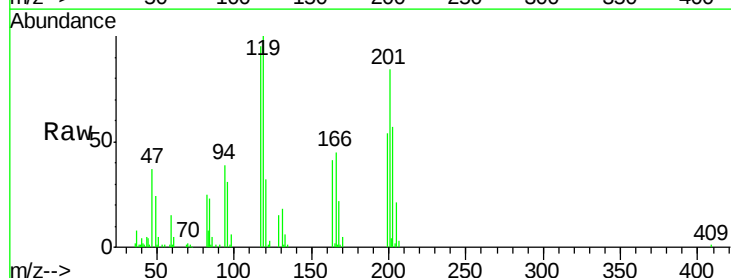


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

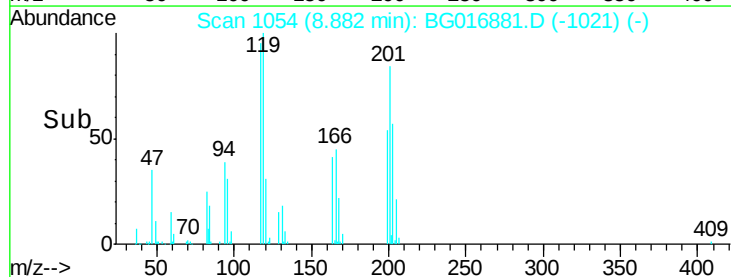
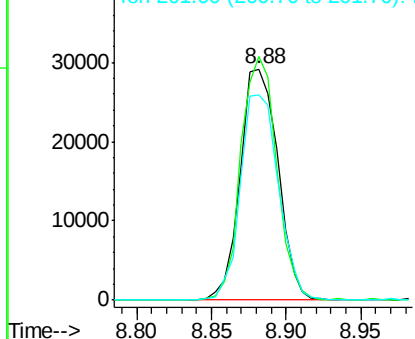


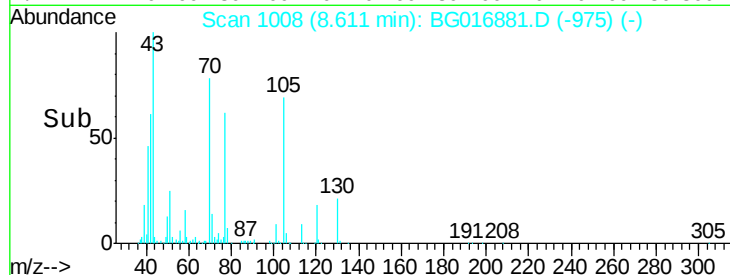
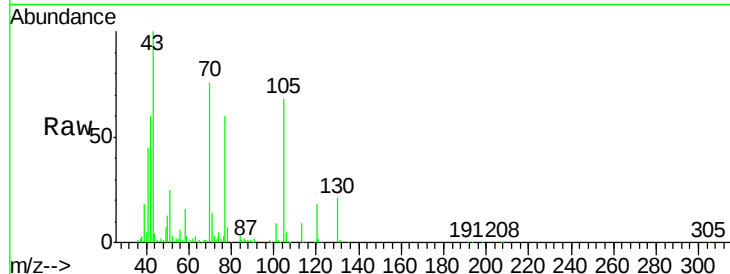
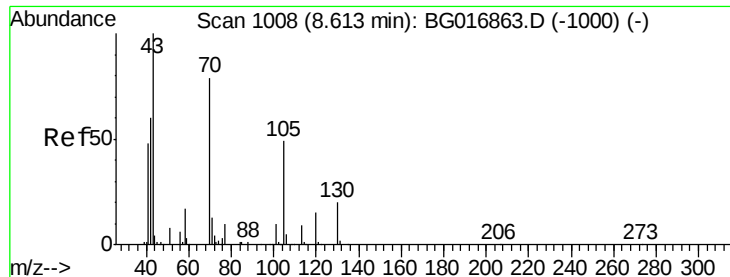
#18
 Hexachloroethane
 Concen: 19.86 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:	117	Resp:	51077
Ion	Ratio	Lower	Upper
117	100		
119	105.4	74.8	112.2
201	89.0	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

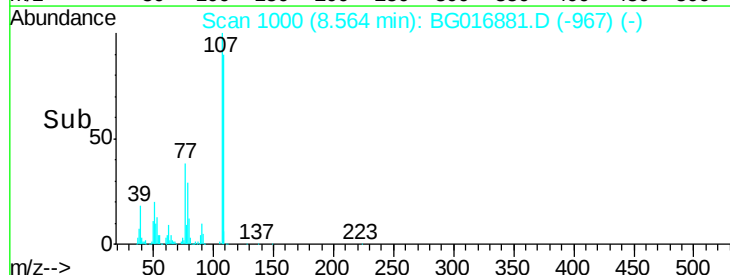
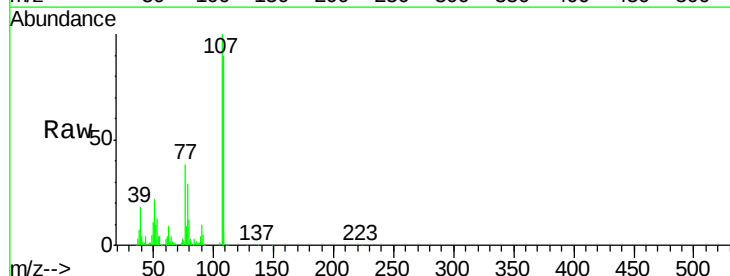
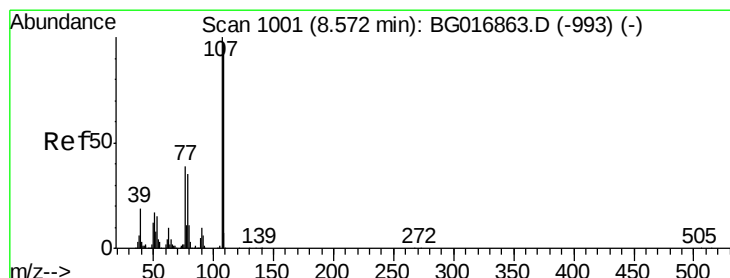
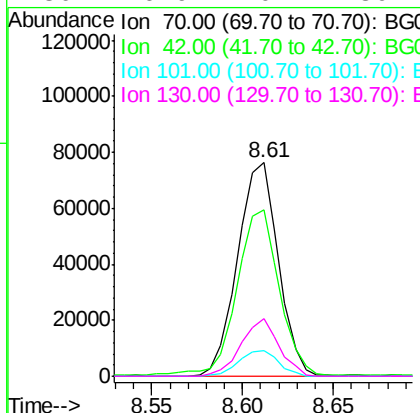




#19
n-Nitroso-di-n-propylamine
Concen: 19.66 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

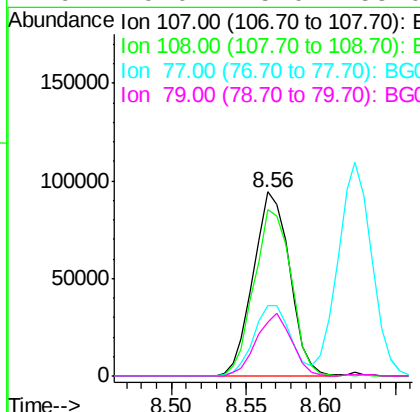
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

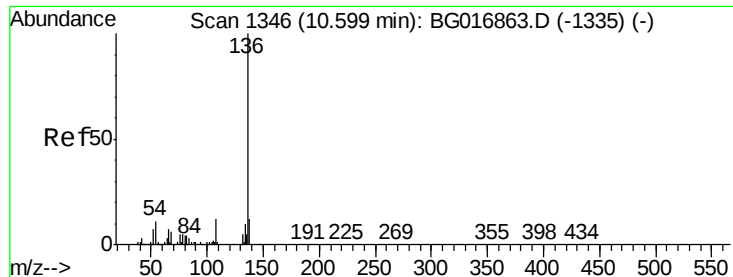
Tgt Ion:	70	Resp:	119086
Ion	Ratio	Lower	Upper
70	100		
42	78.1	61.5	92.3
101	11.9	9.8	14.6
130	26.9	20.2	30.4



#20
3+4-Methylphenols
Concen: 22.16 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:	107	Resp:	159340
Ion	Ratio	Lower	Upper
107	100		
108	90.3	76.6	116.6
77	38.2	19.0	59.0
79	29.0	15.0	55.0

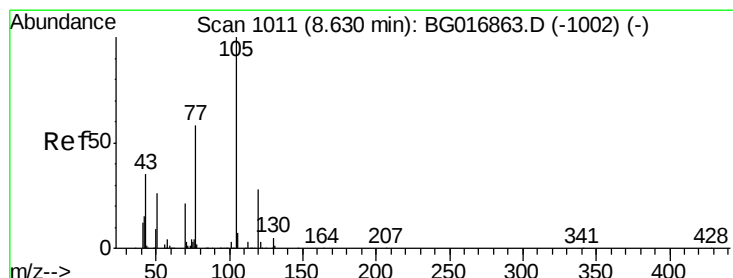
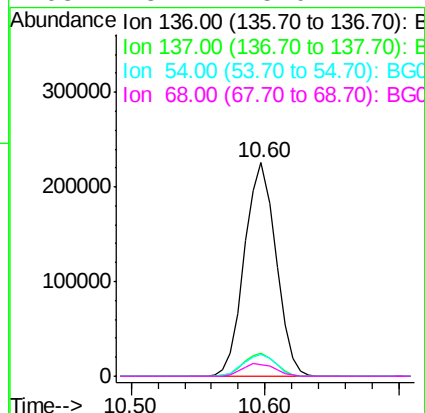
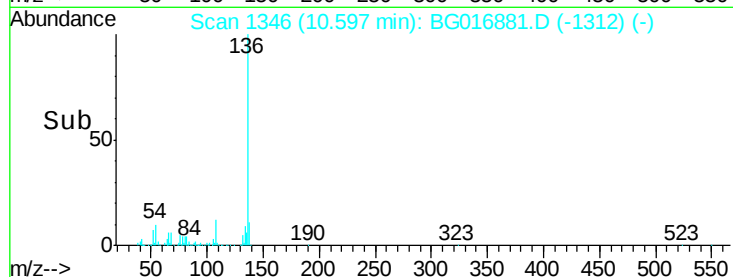
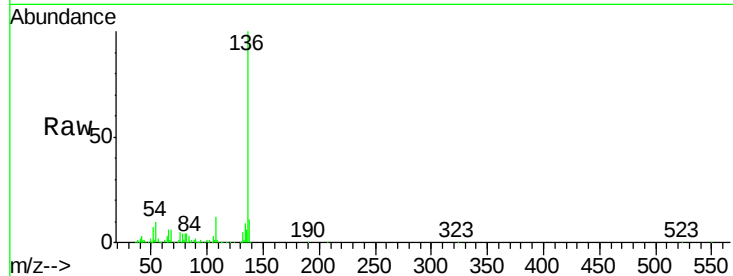




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

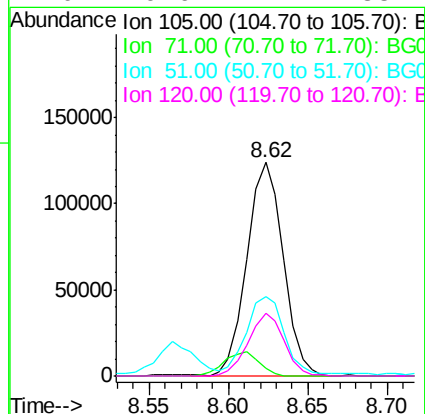
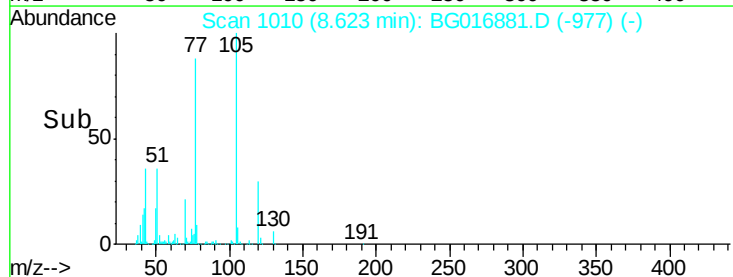
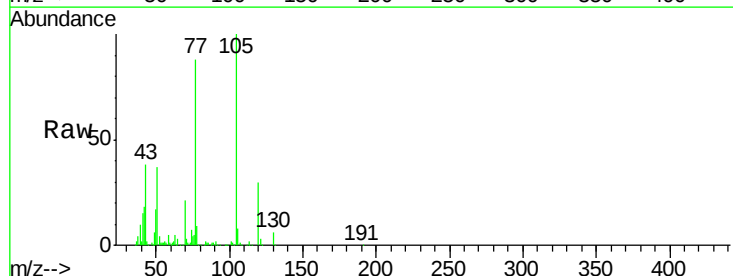
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

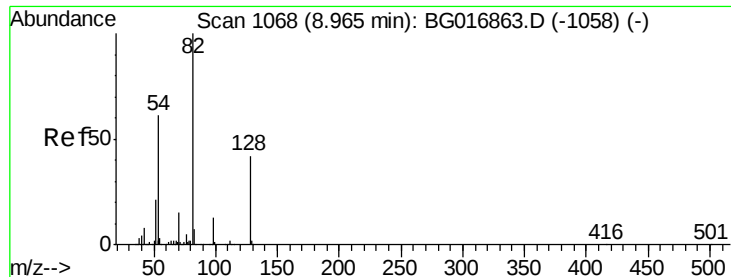
Tgt Ion:	136	Resp:	367796
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.8
54	10.1	8.7	13.1
68	5.7	5.0	7.4



#22
Acetophenone
Concen: 22.43 ng
RT: 8.62 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:	105	Resp:	196487
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.8	4.2
51	37.0	29.4	44.2
120	29.6	22.2	33.4

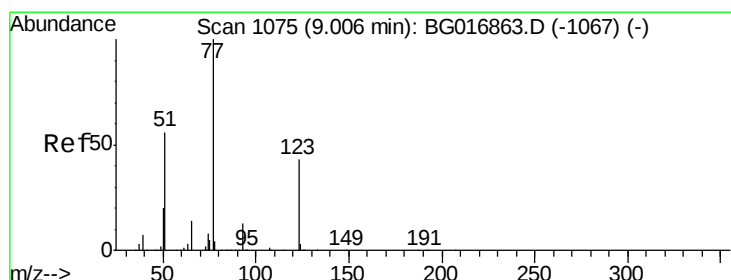
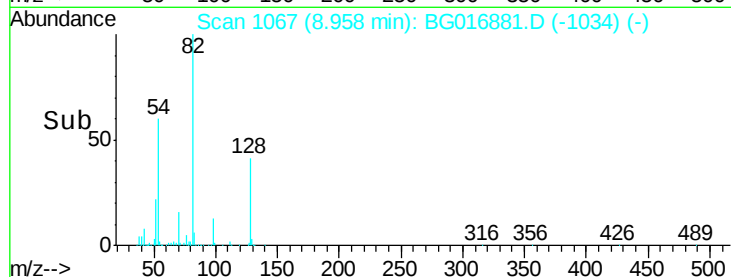
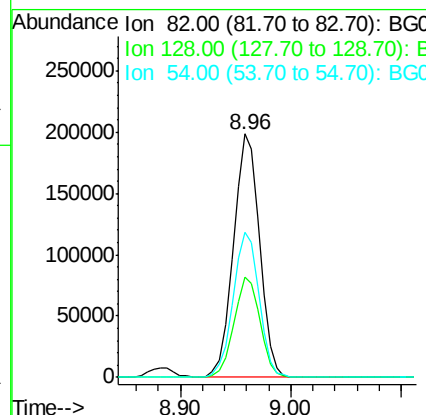
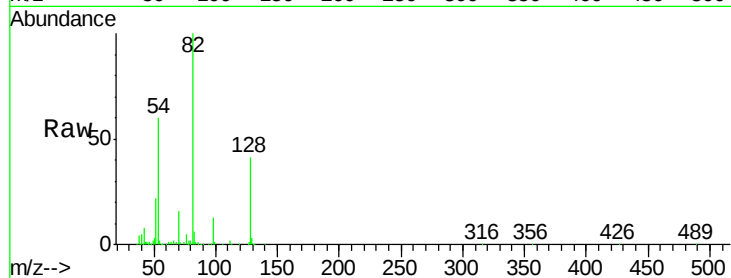




#23
 Nitrobenzene-d5
 Concen: 43.69 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

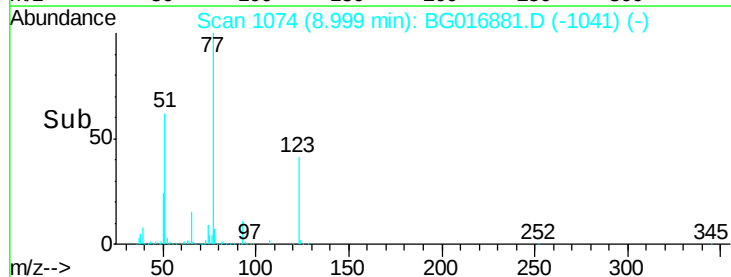
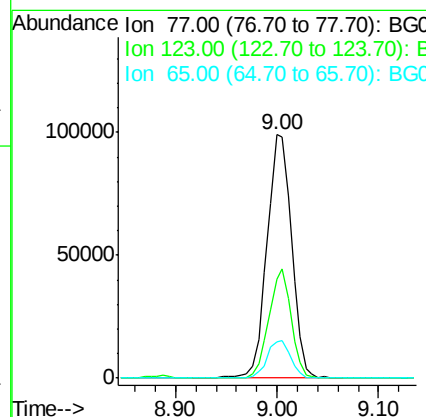
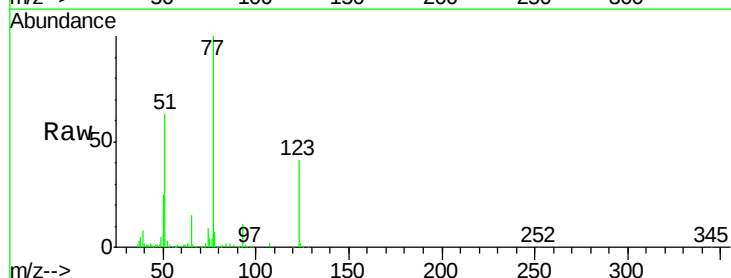
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

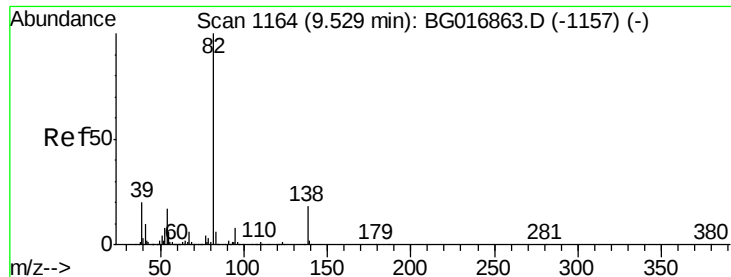
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.2	49.8
54	59.7	48.6	72.8



#24
 Nitrobenzene
 Concen: 21.96 ng
 RT: 9.00 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	34.0	51.0
65	15.1	11.2	16.8

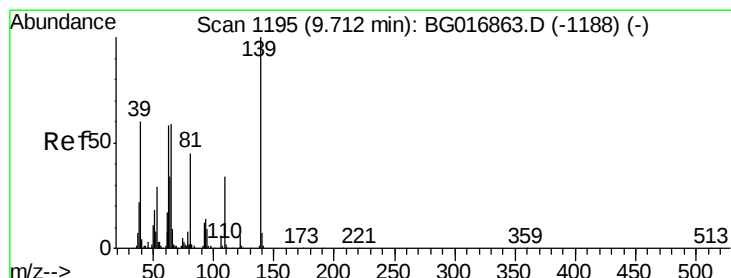
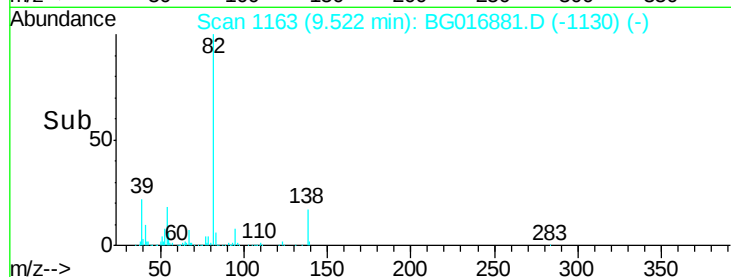
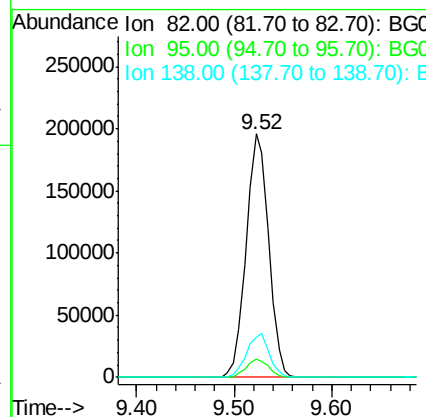
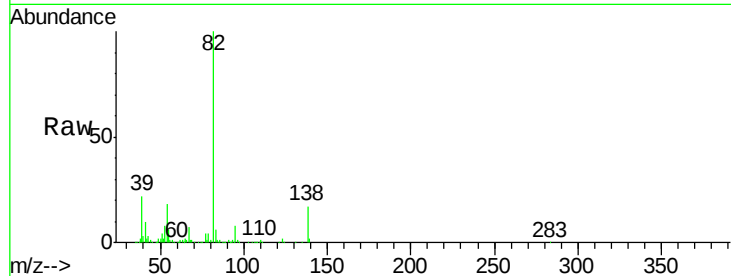




#25
Isophorone
Concen: 20.54 ng
RT: 9.52 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

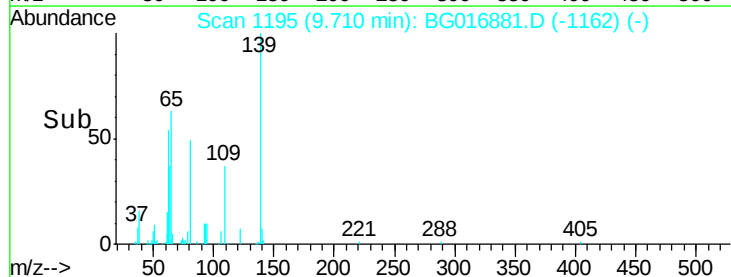
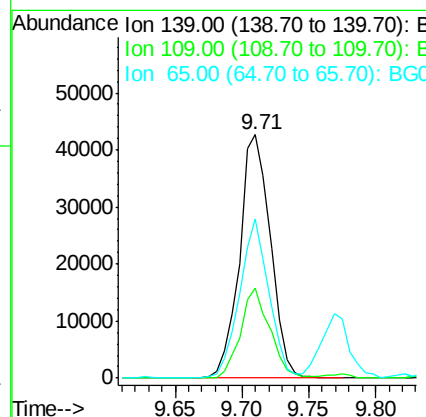
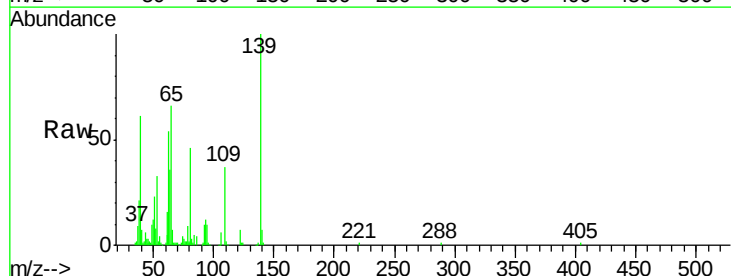
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

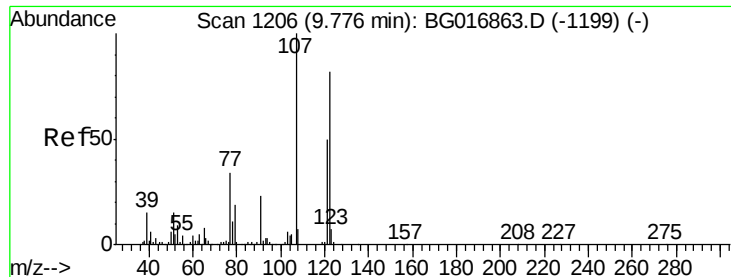
Tgt Ion: 82 Resp: 312286
Ion Ratio Lower Upper
82 100
95 7.7 6.7 10.1
138 16.7 14.7 22.1



#26
2-Nitrophenol
Concen: 22.08 ng
RT: 9.71 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion: 139 Resp: 68364
Ion Ratio Lower Upper
139 100
109 37.0 27.4 41.2
65 65.5 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 23.57 ng

RT: 9.77 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

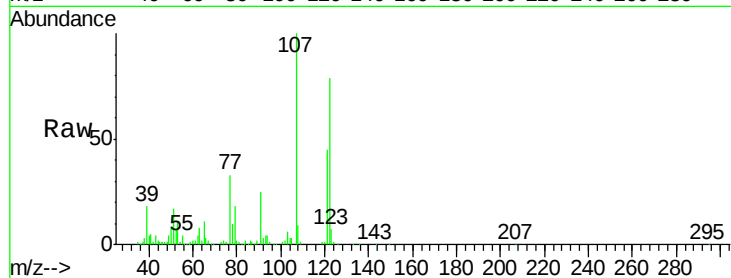
Tgt Ion:122 Resp: 132035

Ion Ratio Lower Upper

122 100

107 126.8 97.6 146.4

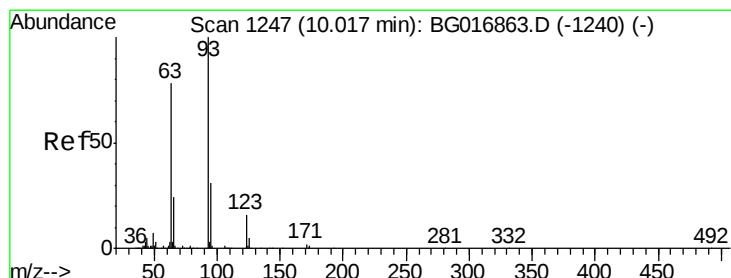
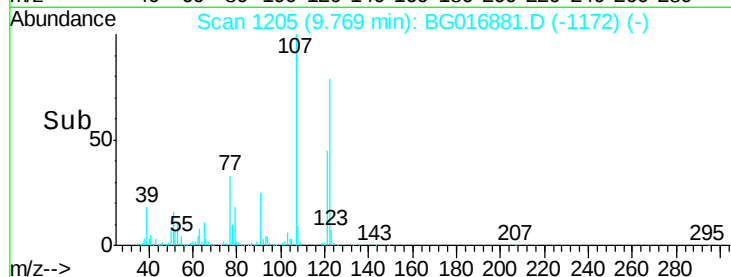
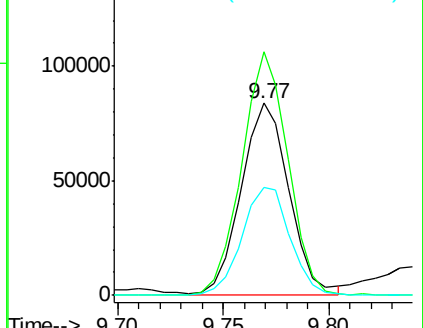
121 56.4 48.4 72.6



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: 21.32 ng

RT: 10.01 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

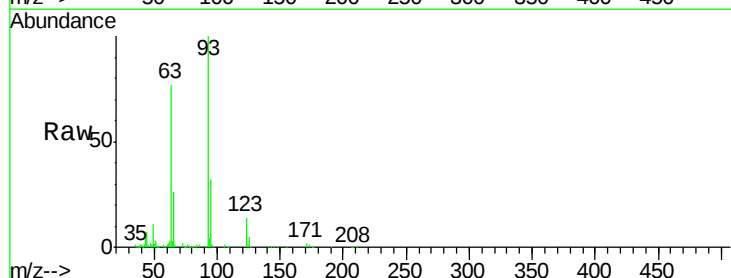
Tgt Ion: 93 Resp: 163627

Ion Ratio Lower Upper

93 100

95 32.1 24.8 37.2

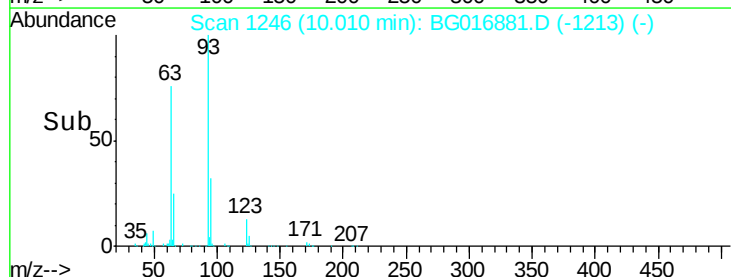
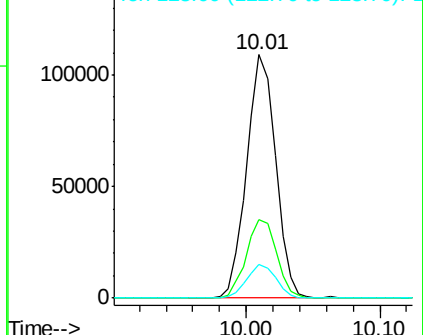
123 13.8 12.6 19.0

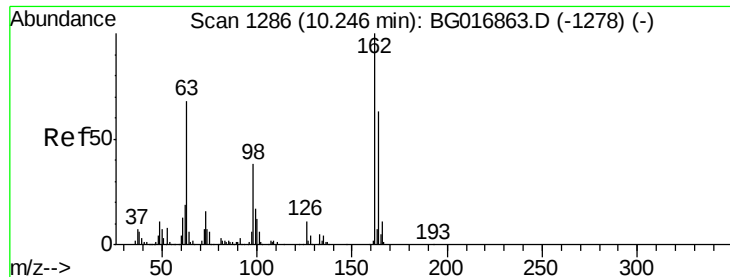


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

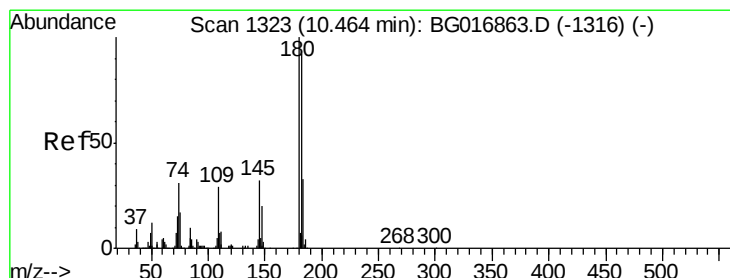
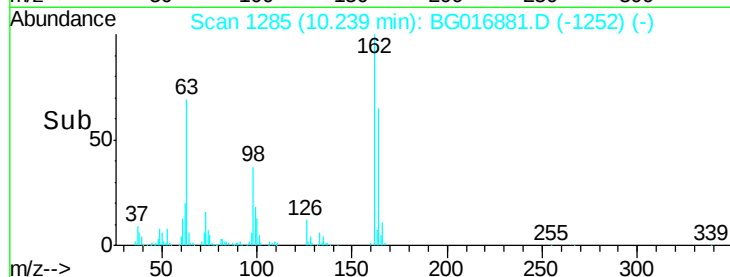
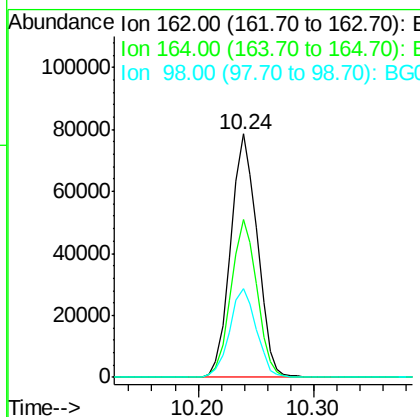
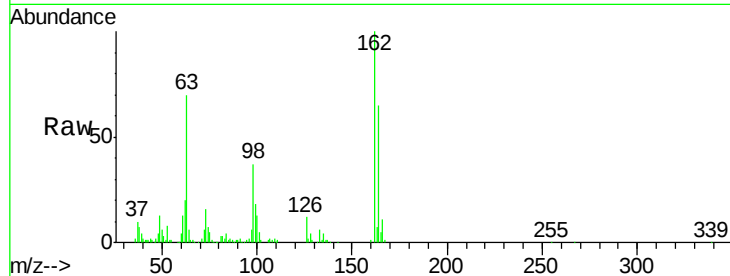




#29
 2,4-Dichlorophenol
 Concen: 23.68 ng
 RT: 10.24 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

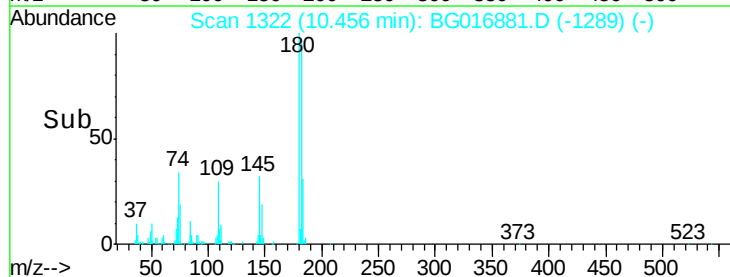
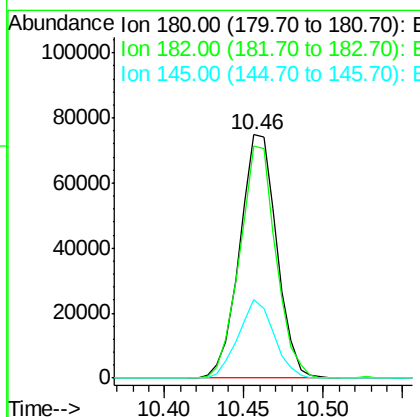
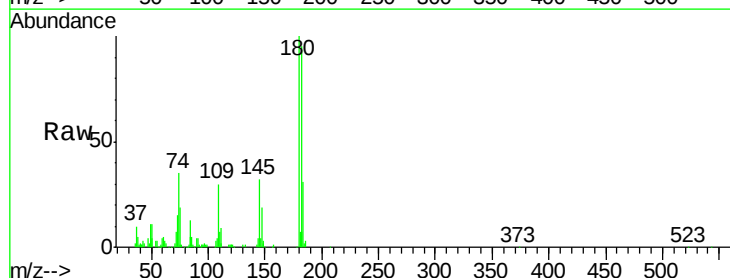
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

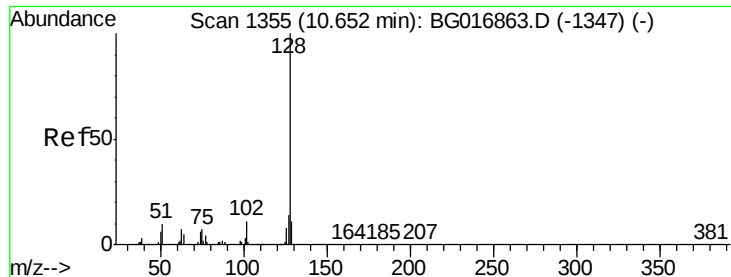
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.9	82.9
98	36.6	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 21.59 ng
 RT: 10.46 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	110.8
145	32.1	25.4	38.0

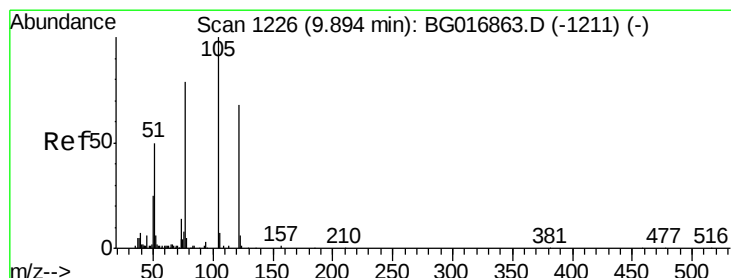
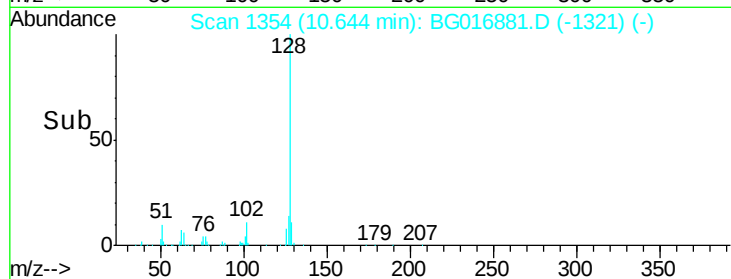
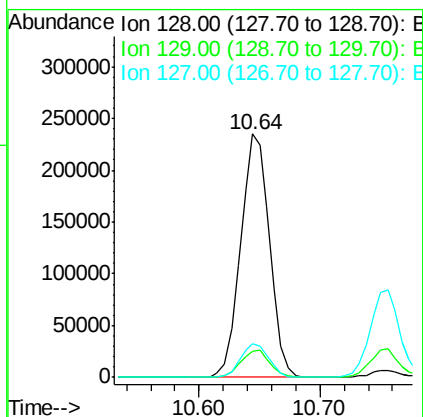
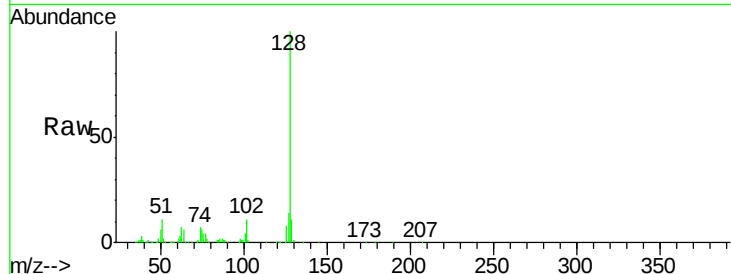




#31
Naphthalene
Concen: 21.34 ng
RT: 10.64 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

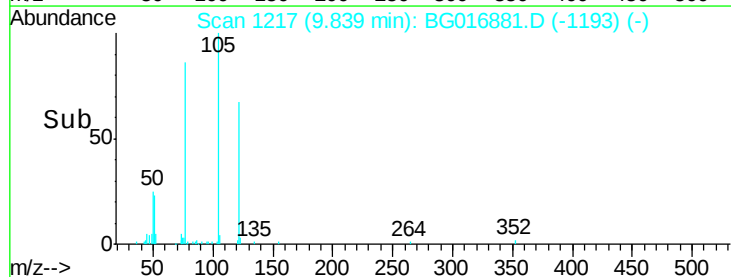
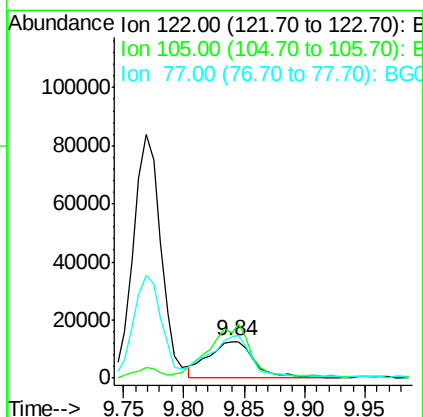
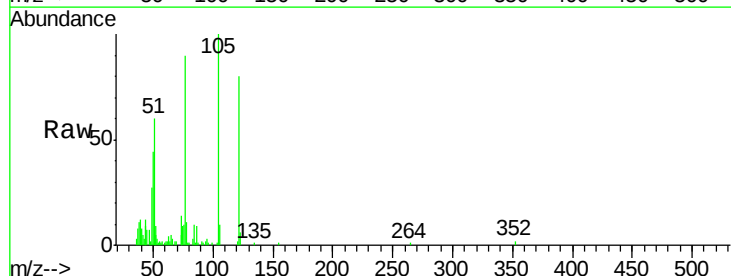
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

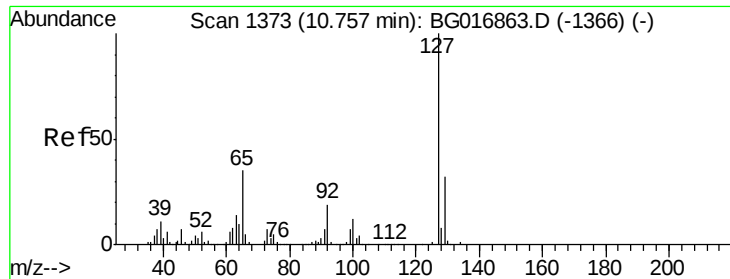
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.8	10.9	16.3



#32
Benzoic acid
Concen: 12.36 ng
RT: 9.84 min Scan# 1217
Delta R.T. -0.06 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	123.2	163.2
77	111.3	93.0	133.0

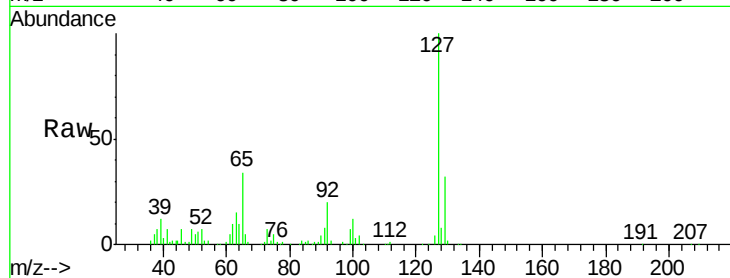




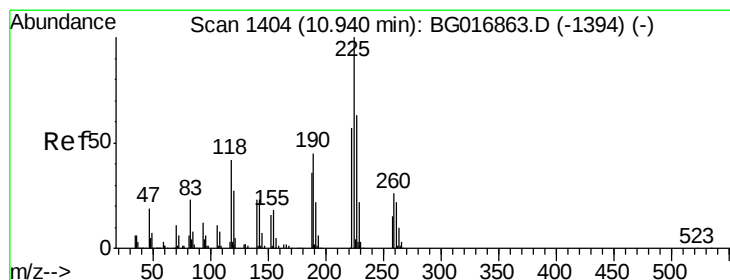
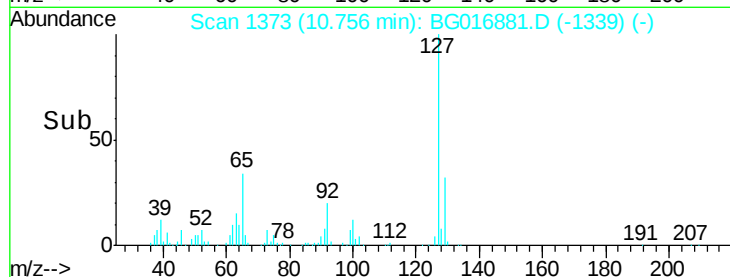
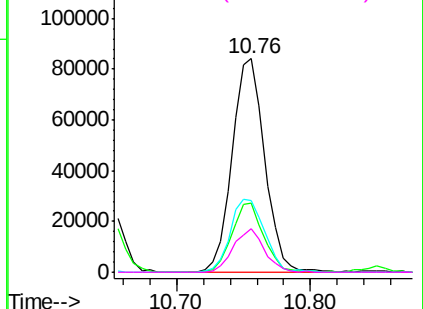
#33
 4-Chloroaniline
 Concen: 16.91 ng
 RT: 10.76 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

Tgt Ion:	127	Resp:	142893
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	33.6	28.2	42.2
92	20.2	15.6	23.4

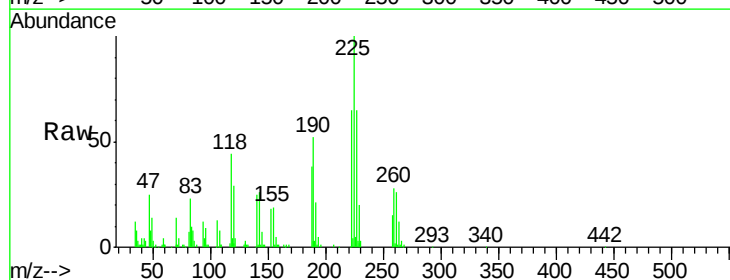


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGO
 Ion 92.00 (91.70 to 92.70): BGO

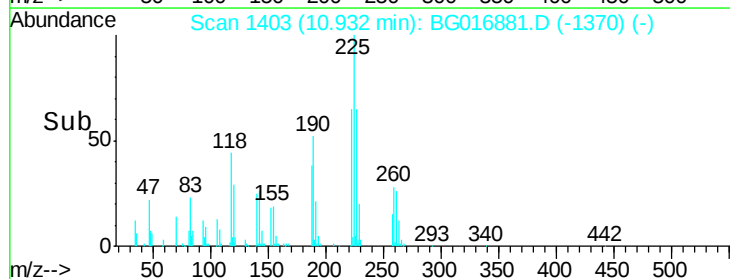
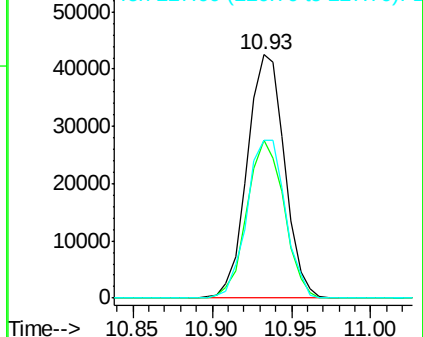


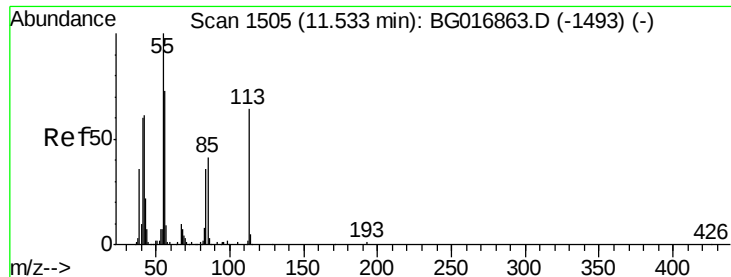
#34
 Hexachlorobutadiene
 Concen: 19.83 ng
 RT: 10.93 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:	225	Resp:	69664
Ion	Ratio	Lower	Upper
225	100		
223	64.7	45.8	68.6
227	68.0	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

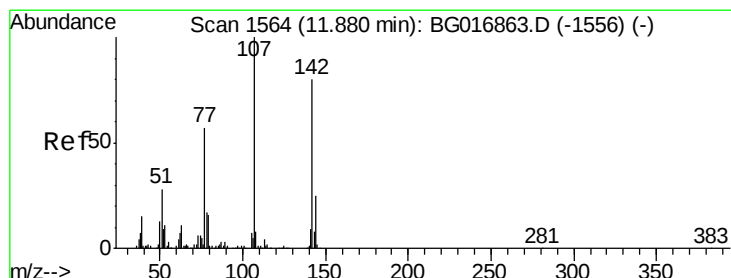
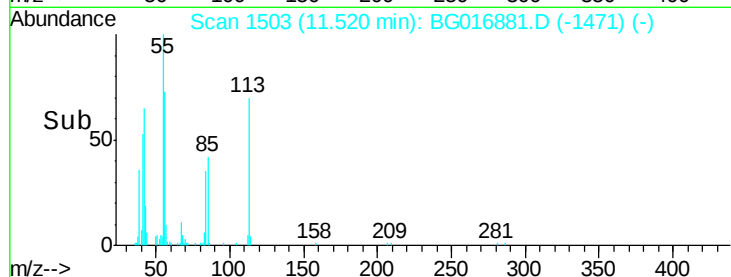
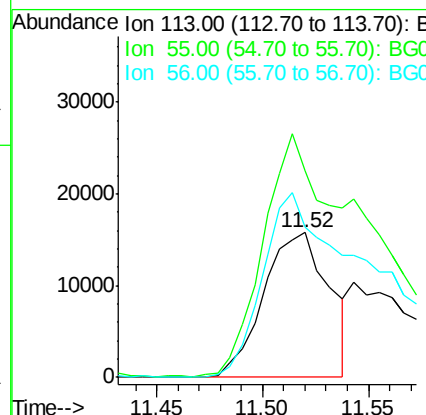
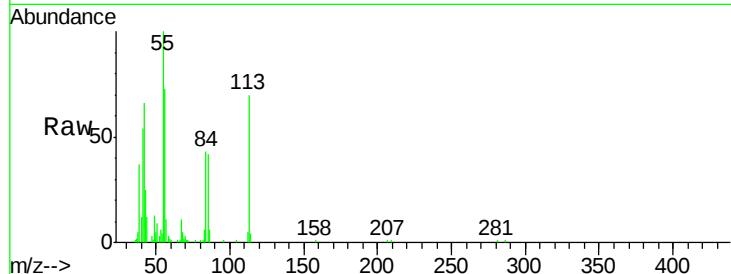




#35
 Caprolactam
 Concen: 12.36 ng
 RT: 11.52 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

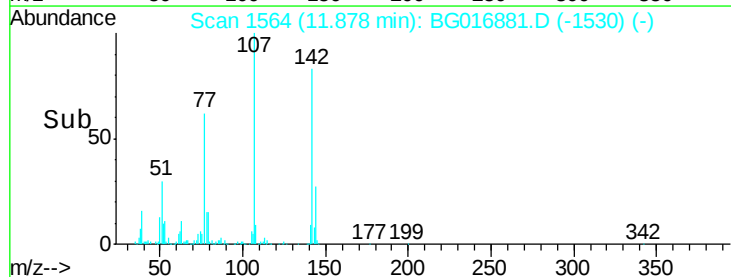
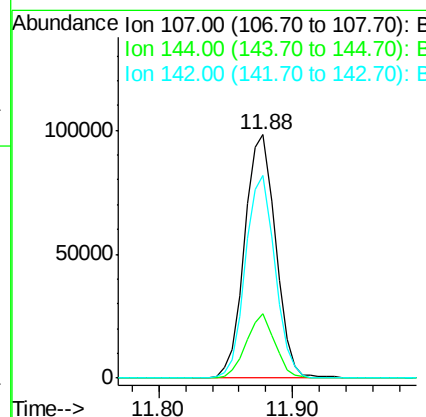
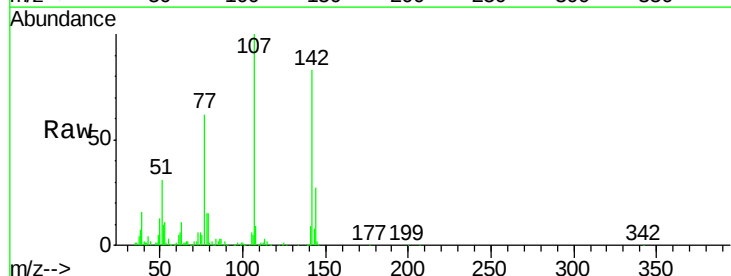
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

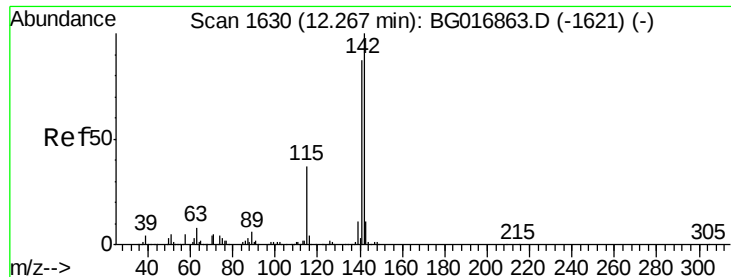
Tgt Ion:113 Resp: 33983
 Ion Ratio Lower Upper
 113 100
 55 142.6 137.1 177.1
 56 103.8 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 23.26 ng
 RT: 11.88 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:107 Resp: 157641
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.2 30.2
 142 83.2 64.2 96.2

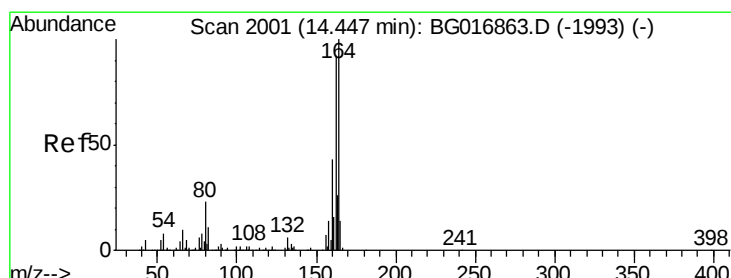
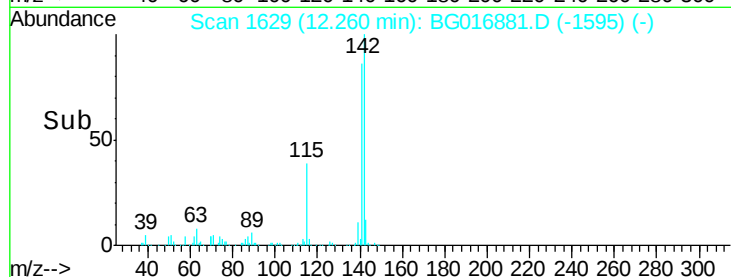
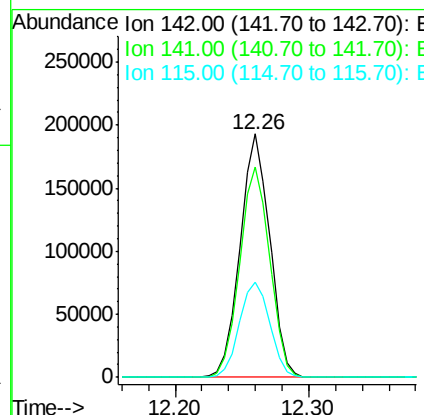
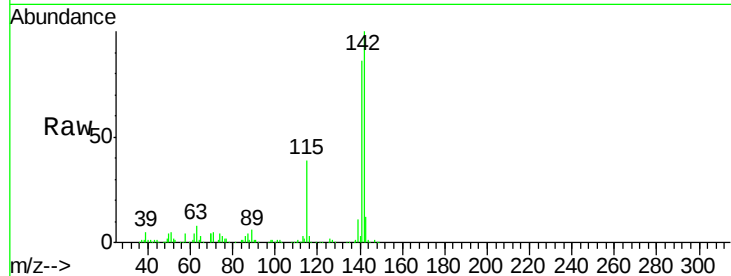




#37
2-Methylnaphthalene
Concen: 21.23 ng
RT: 12.26 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

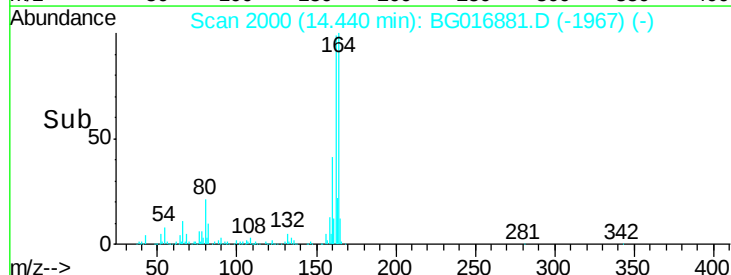
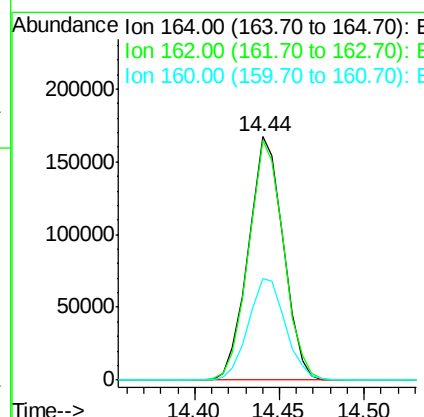
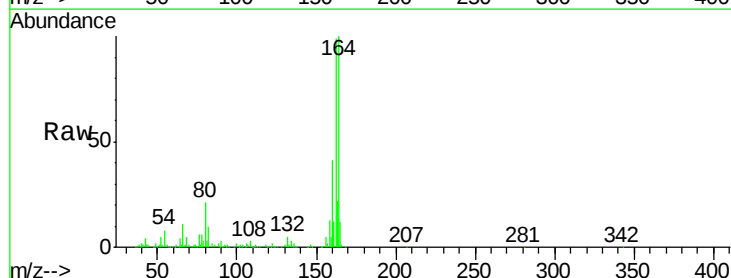
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

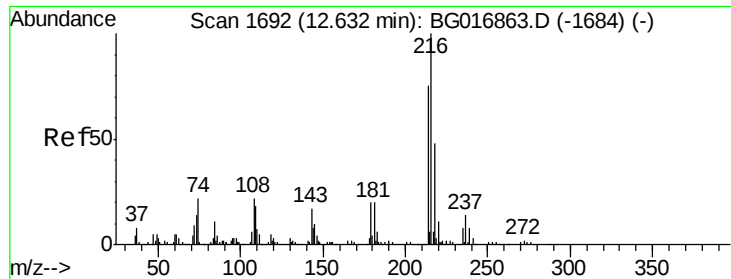
Tgt Ion:142 Resp: 295881
Ion Ratio Lower Upper
142 100
141 86.2 69.9 104.9
115 39.2 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:164 Resp: 240889
Ion Ratio Lower Upper
164 100
162 98.7 74.0 111.0
160 41.5 34.7 52.1

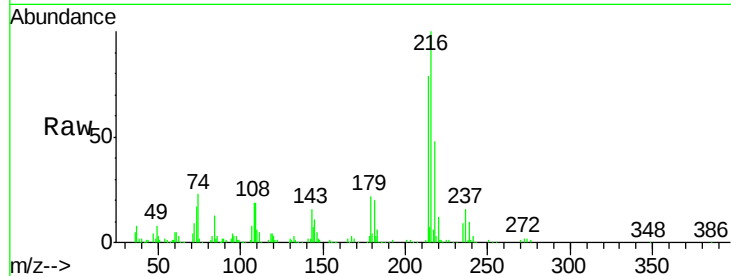




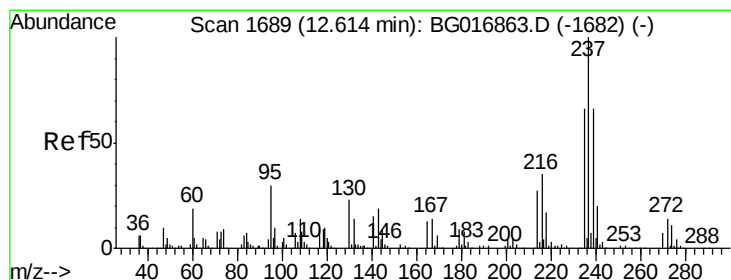
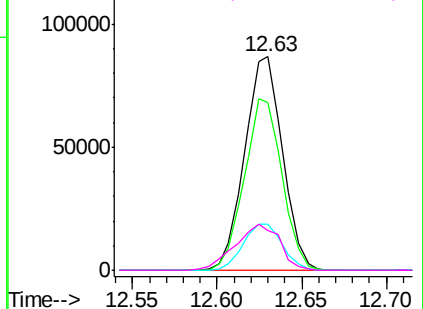
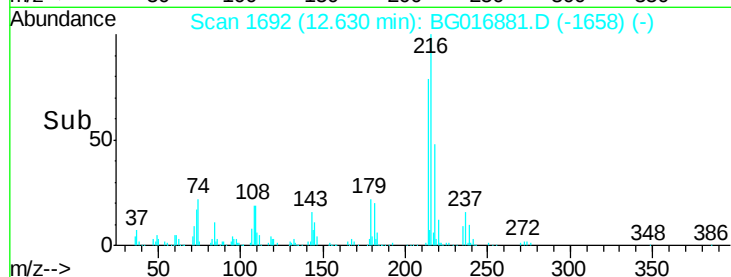
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.73 ng
 RT: 12.63 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

Tgt Ion:	216	Resp:	134998
Ion	Ratio	Lower	Upper
216	100		
214	79.6	0.0	0.0#
179	22.5	0.0	0.0#
108	25.6	0.0	0.0#

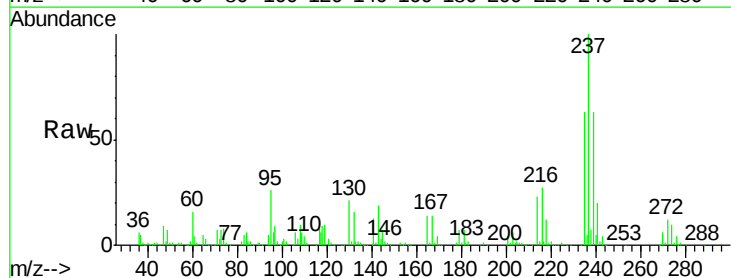


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

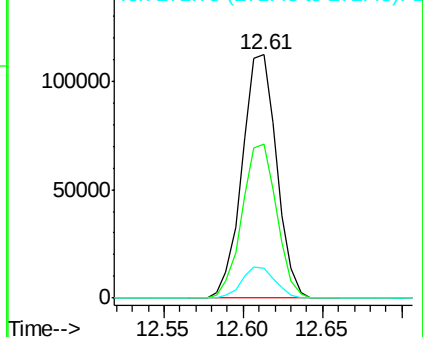
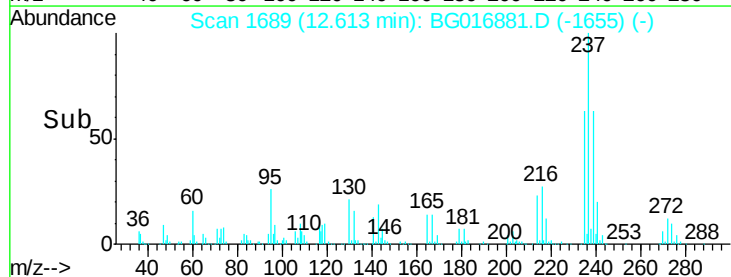


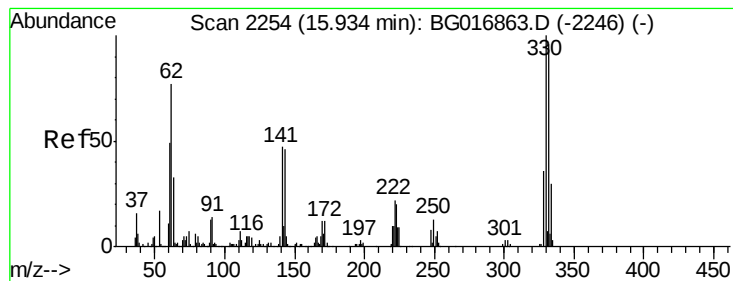
#40
 Hexachlorocyclopentadiene
 Concen: 40.28 ng
 RT: 12.61 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:	237	Resp:	169403
Ion	Ratio	Lower	Upper
237	100		
235	63.2	45.5	85.5
272	12.3	0.0	33.7



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 68.69 ng

RT: 15.93 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

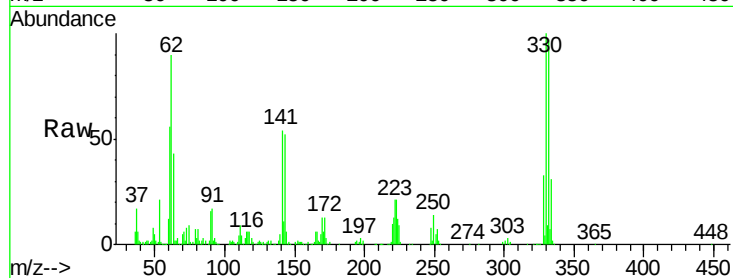
Tgt Ion:330 Resp: 166119

Ion Ratio Lower Upper

330 100

332 99.3 0.0 0.0#

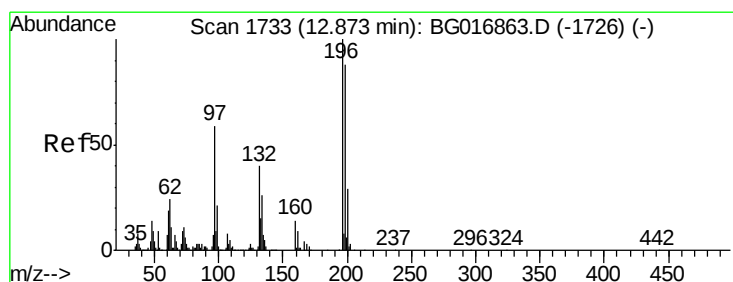
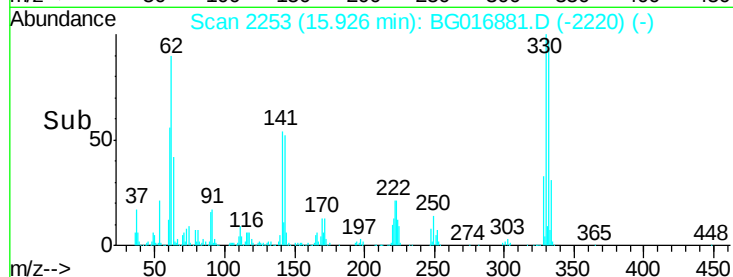
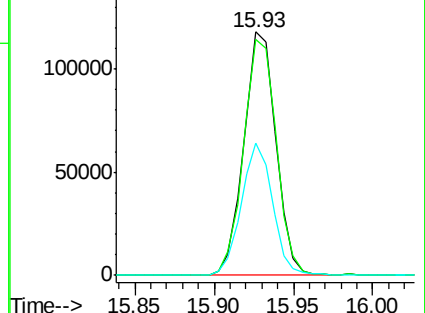
141 53.0 0.0 0.0#



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: 21.28 ng

RT: 12.87 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

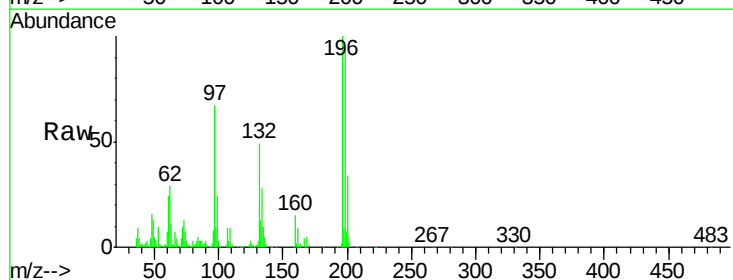
Tgt Ion:196 Resp: 98218

Ion Ratio Lower Upper

196 100

198 93.6 70.7 106.1

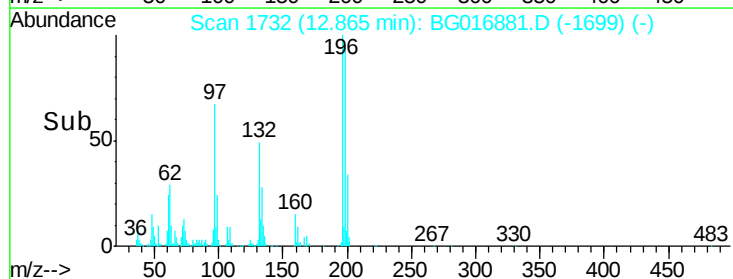
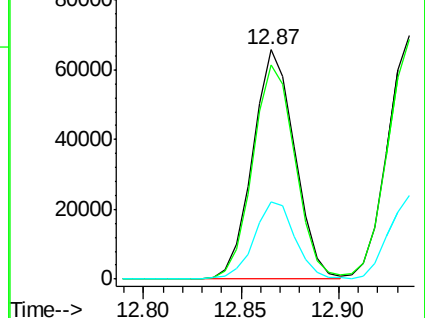
200 33.6 23.0 34.4

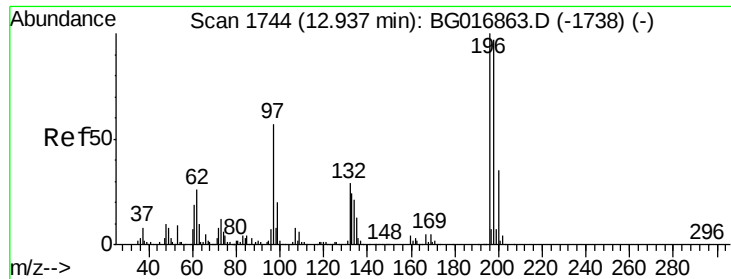


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

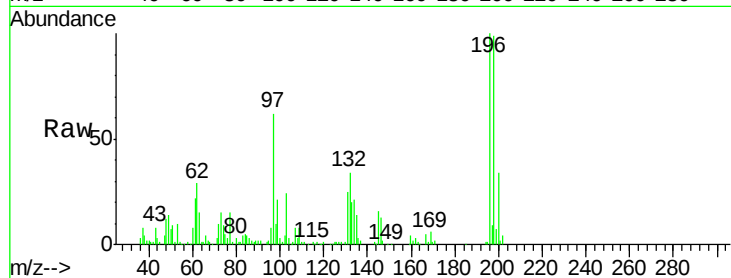




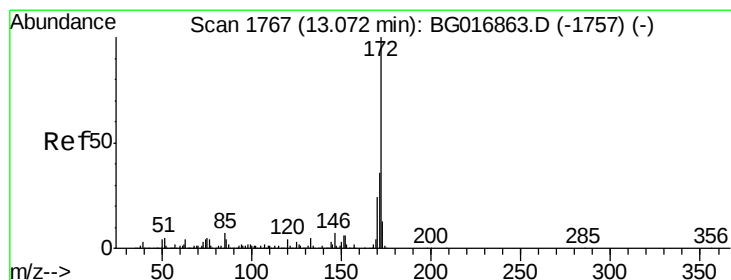
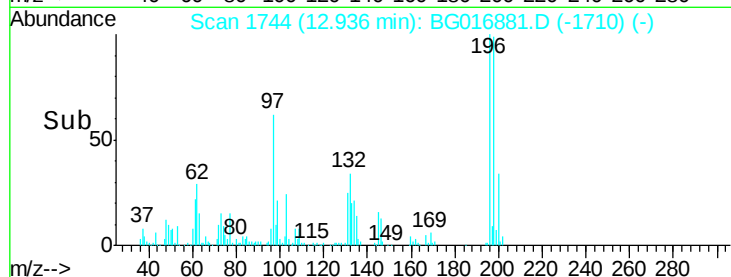
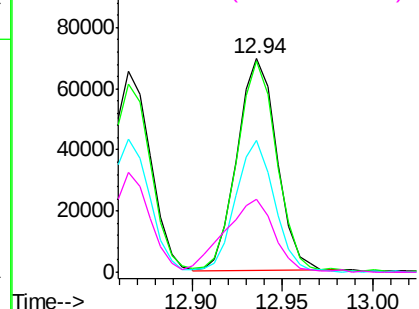
#43
 2,4,5-Trichlorophenol
 Concen: 21.65 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

Tgt Ion:196 Resp: 106051
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.5 116.3
 97 61.8 45.9 68.9
 132 34.2 23.7 35.5

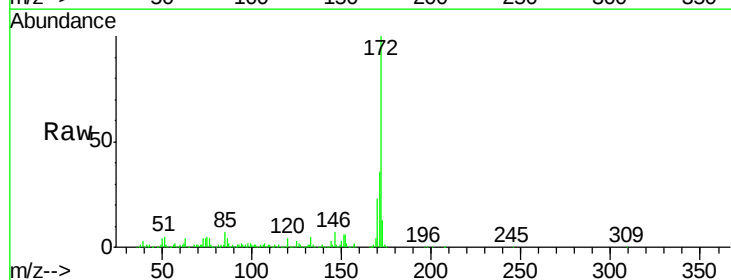


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

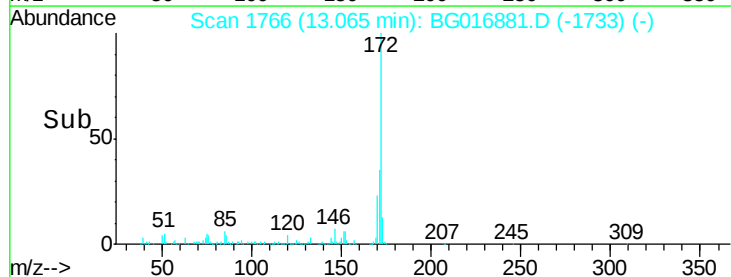
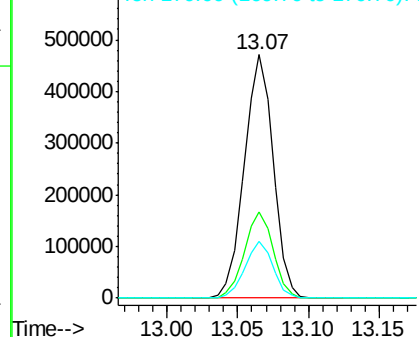


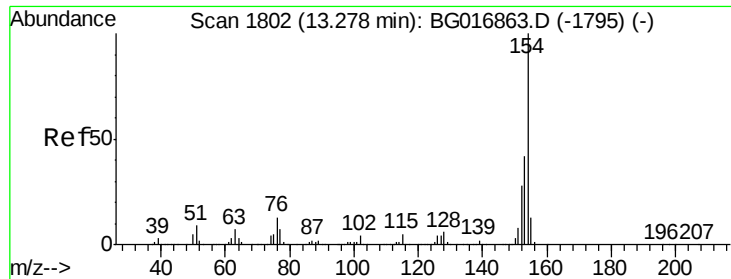
#44
 2-Fluorobiphenyl
 Concen: 42.25 ng
 RT: 13.07 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:172 Resp: 674425
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 23.2 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

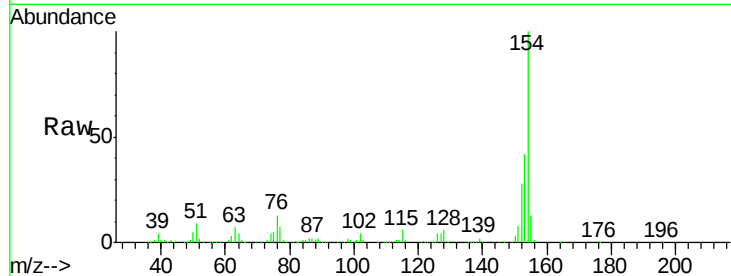




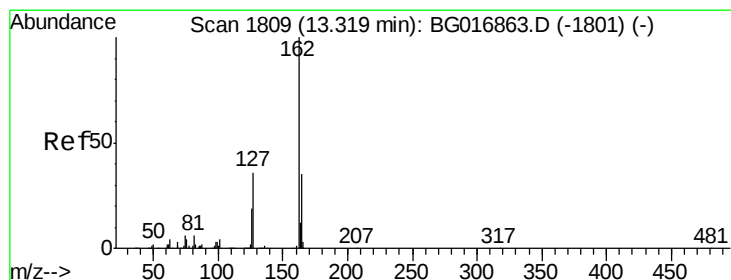
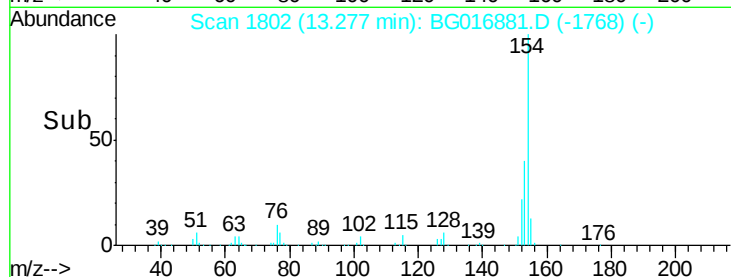
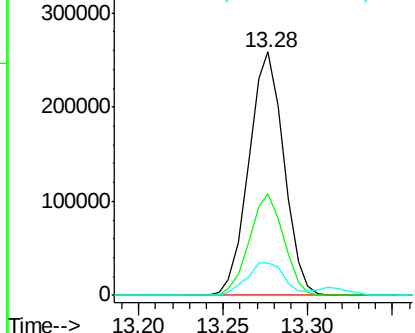
#45
 1,1'-Biphenyl
 Concen: 21.62 ng
 RT: 13.28 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

Tgt Ion:154 Resp: 372938
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.0 62.0
 76 13.1 0.0 33.3

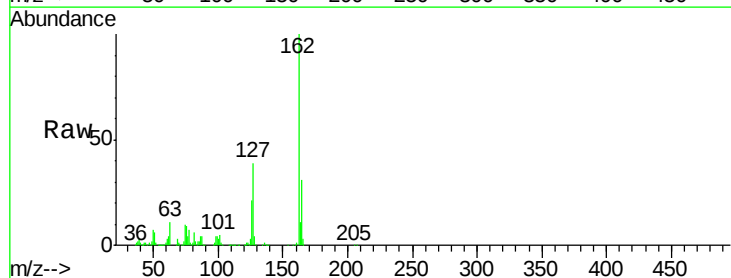


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

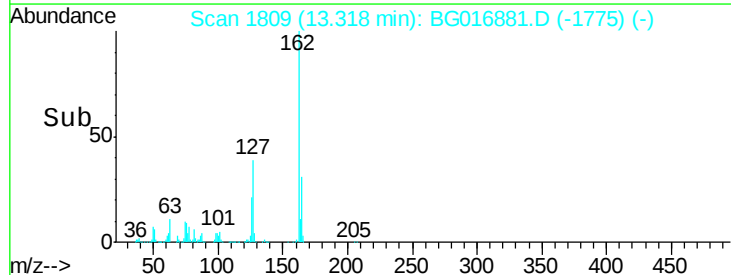
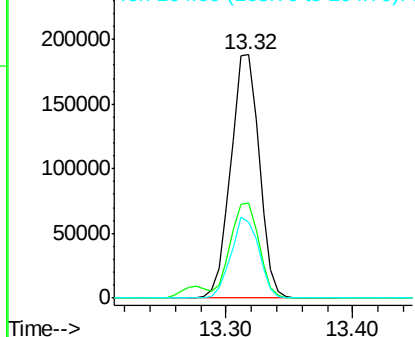


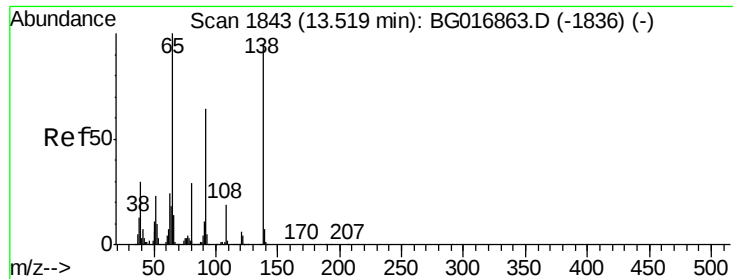
#46
 2-Chloronaphthalene
 Concen: 21.32 ng
 RT: 13.32 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:162 Resp: 291246
 Ion Ratio Lower Upper
 162 100
 127 39.0 31.2 46.8
 164 31.2 27.8 41.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 23.28 ng

RT: 13.52 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

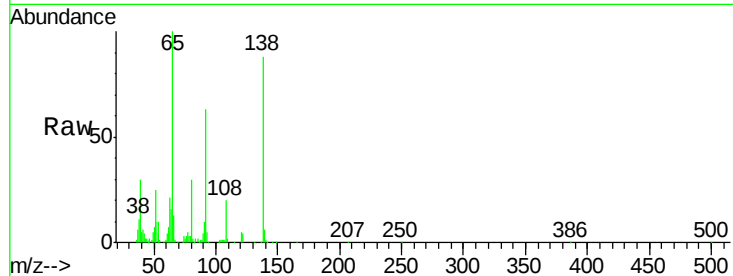
Tgt Ion: 65 Resp: 110682

Ion Ratio Lower Upper

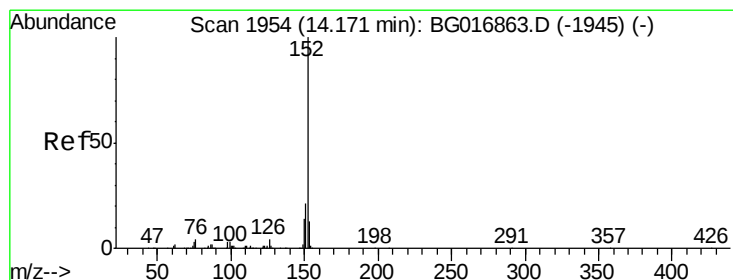
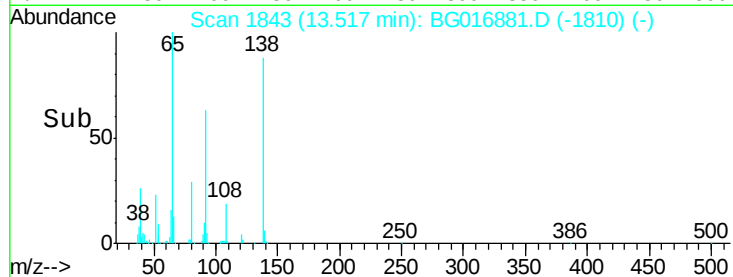
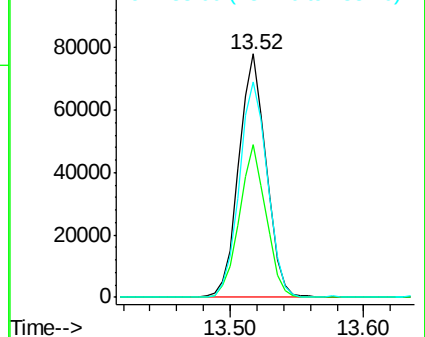
65 100

92 62.8 51.0 76.6

138 88.4 76.2 114.2



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



#48

Acenaphthylene

Concen: 20.73 ng

RT: 14.16 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

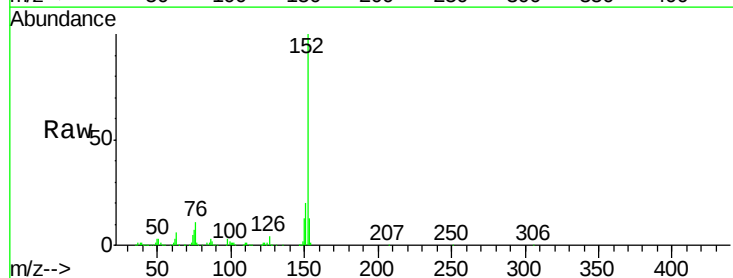
Tgt Ion: 152 Resp: 493114

Ion Ratio Lower Upper

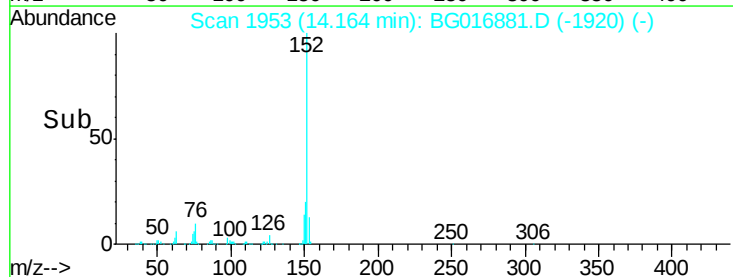
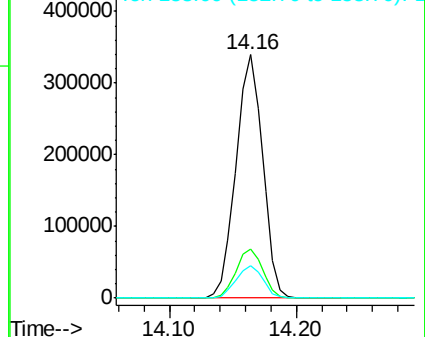
152 100

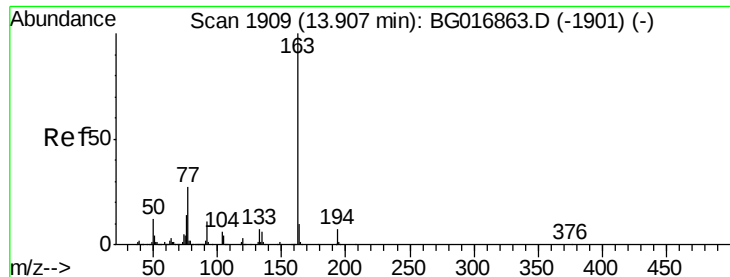
151 20.0 17.0 25.4

153 13.1 10.7 16.1



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





#49

Dimethylphthalate

Concen: 22.94 ng

RT: 13.91 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

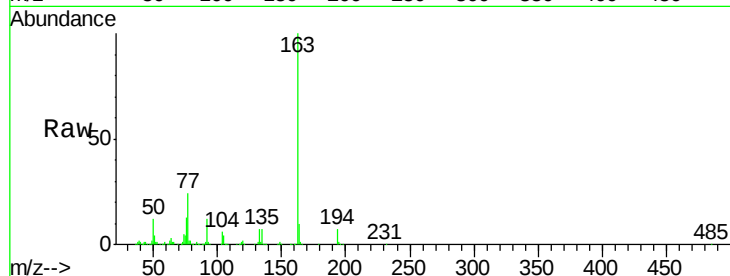
Tgt Ion:163 Resp: 412639

Ion Ratio Lower Upper

163 100

194 6.6 5.2 7.8

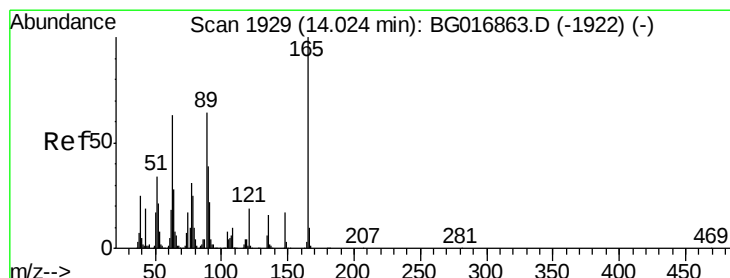
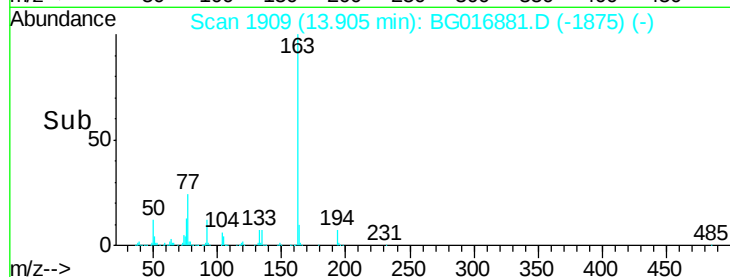
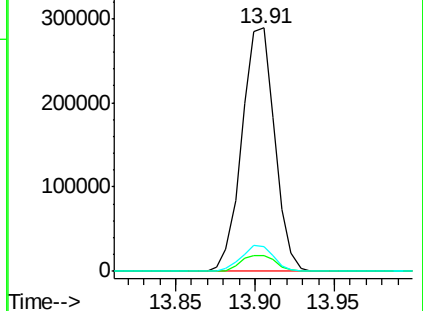
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 22.23 ng

RT: 14.02 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

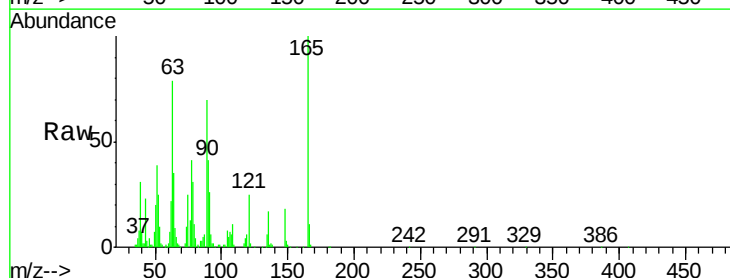
Tgt Ion:165 Resp: 83035

Ion Ratio Lower Upper

165 100

63 79.3 50.9 76.3#

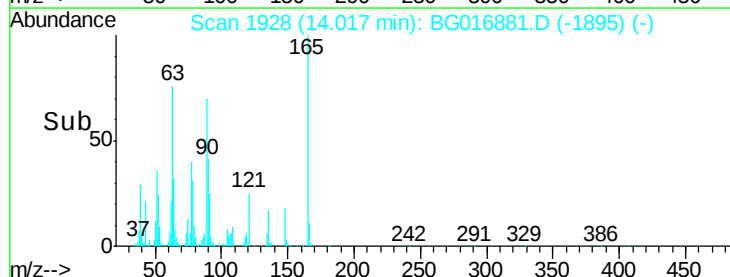
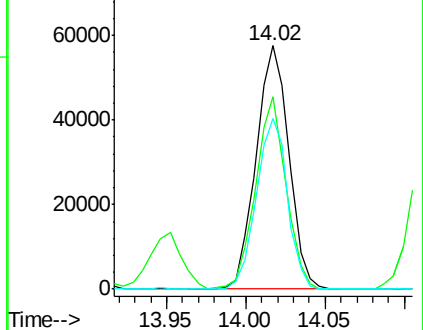
89 70.0 51.4 77.2

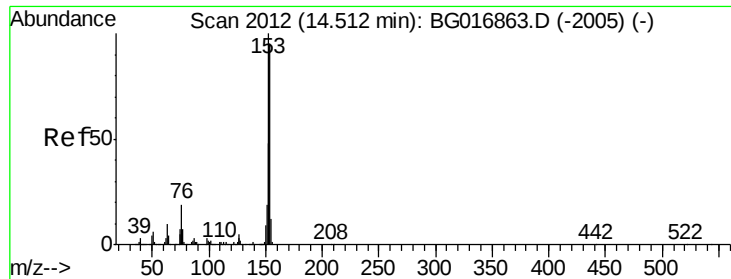


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 21.12 ng

RT: 14.50 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

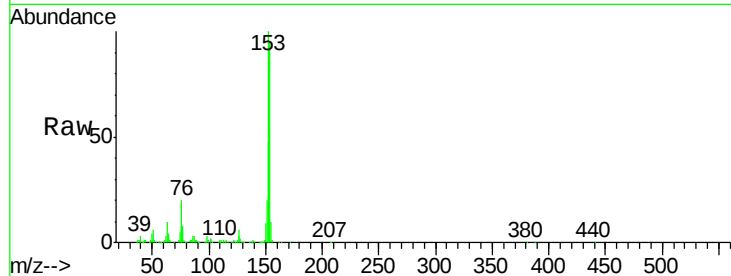
Tgt Ion:154 Resp: 299044

Ion Ratio Lower Upper

154 100

153 104.9 84.2 126.4

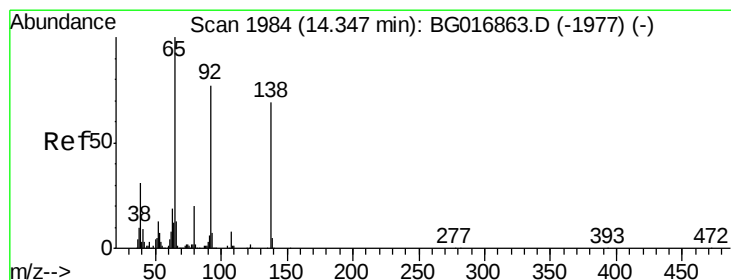
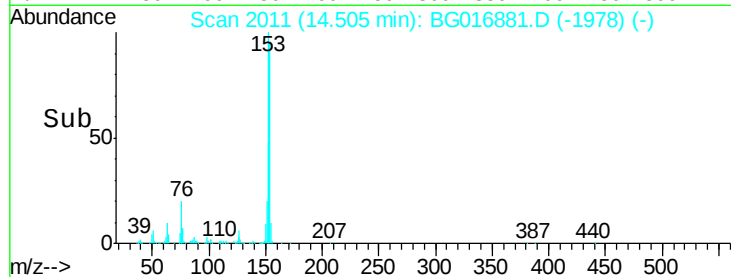
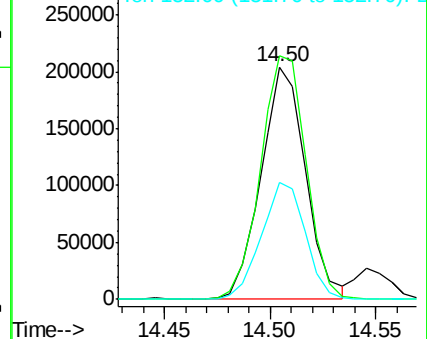
152 50.5 40.2 60.2



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: 18.79 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

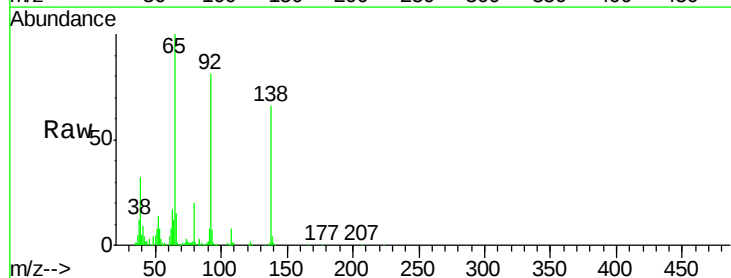
Tgt Ion:138 Resp: 79847

Ion Ratio Lower Upper

138 100

108 11.6 9.5 14.3

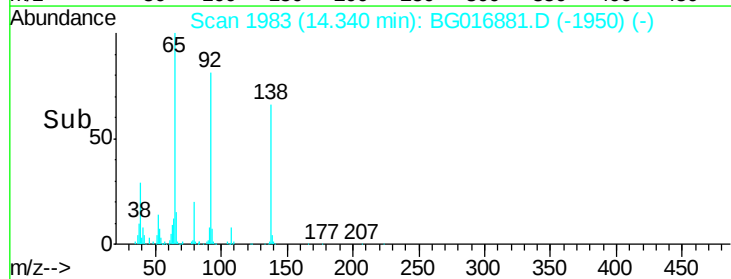
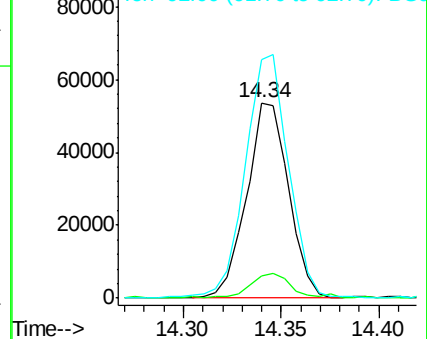
92 122.0 89.6 134.4

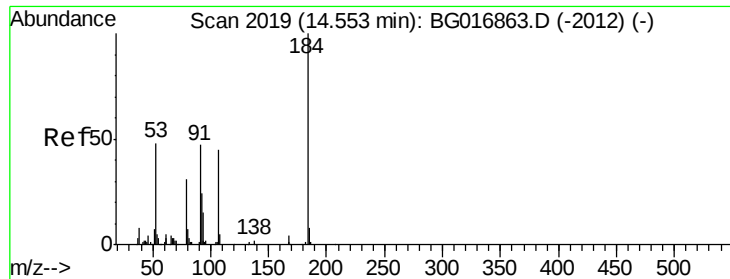


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

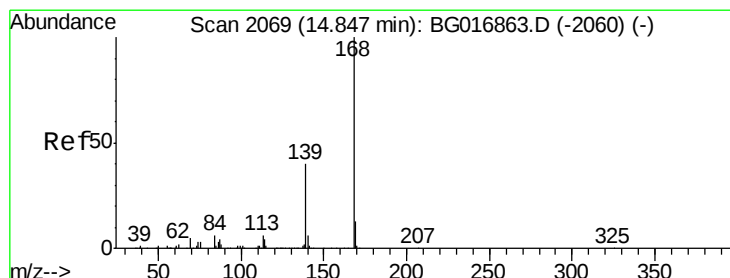
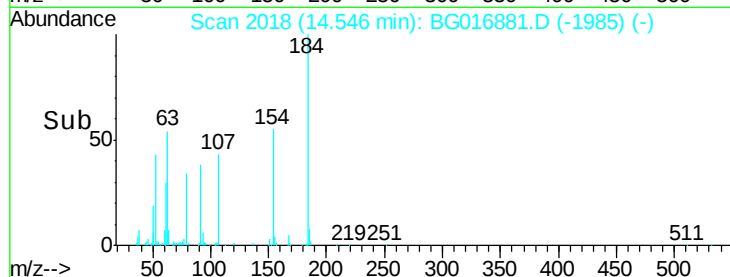
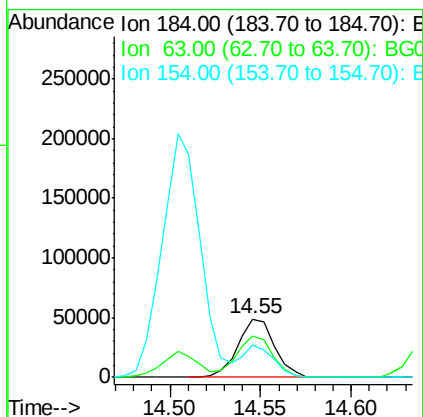
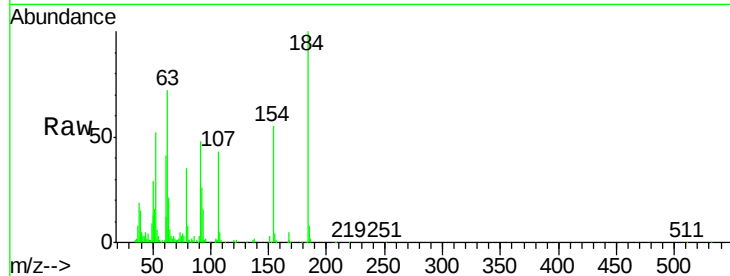




#53
2,4-Dinitrophenol
Concen: 40.25 ng
RT: 14.55 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

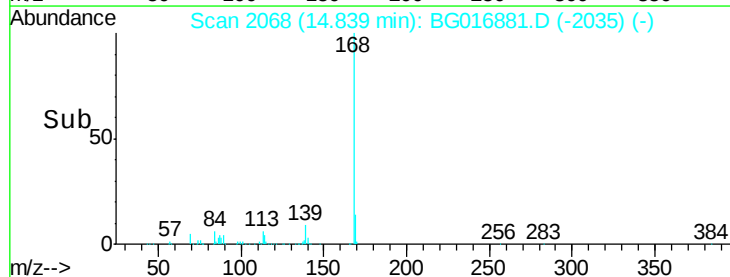
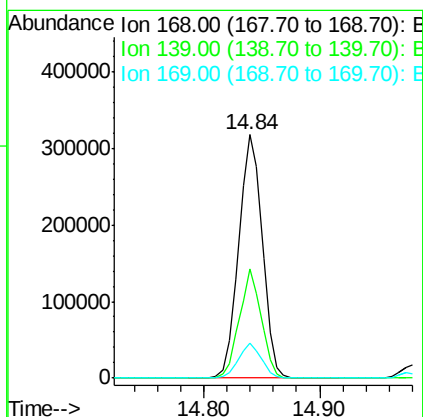
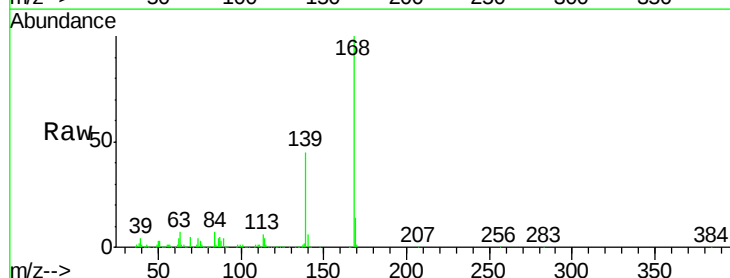
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

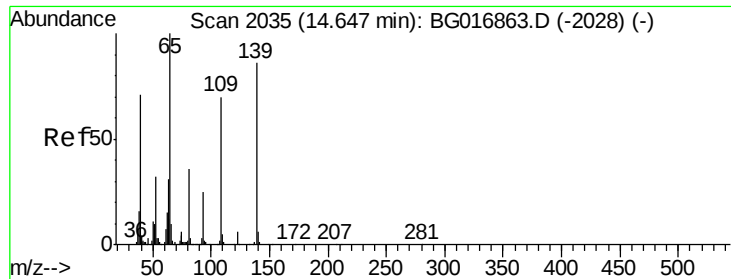
Tgt Ion:184 Resp: 68753
Ion Ratio Lower Upper
184 100
63 71.6 53.4 80.0
154 55.2 41.0 61.6



#54
Dibenzofuran
Concen: 22.33 ng
RT: 14.84 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:168 Resp: 449008
Ion Ratio Lower Upper
168 100
139 44.8 32.5 48.7
169 14.3 10.4 15.6

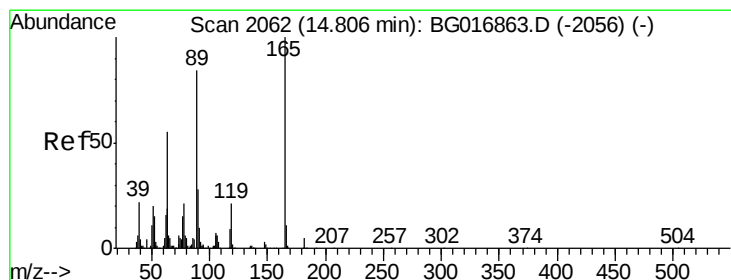
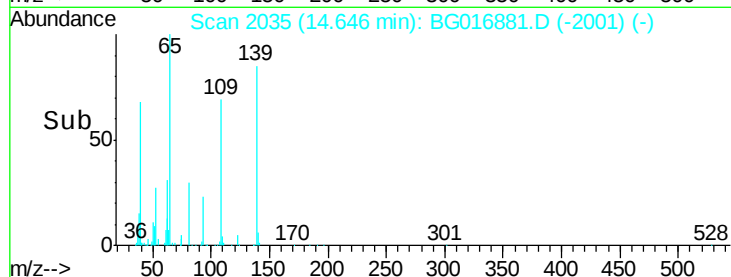
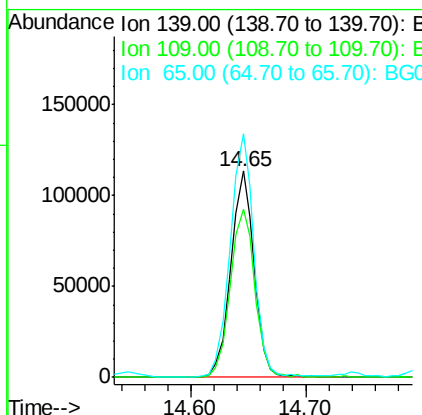
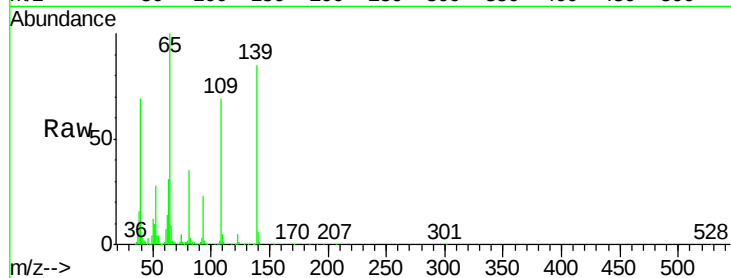




#55
4-Nitrophenol
Concen: 44.06 ng
RT: 14.65 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

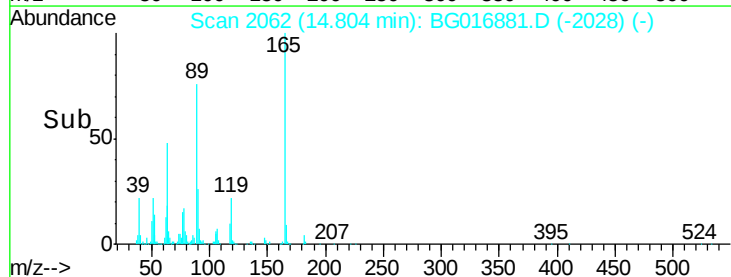
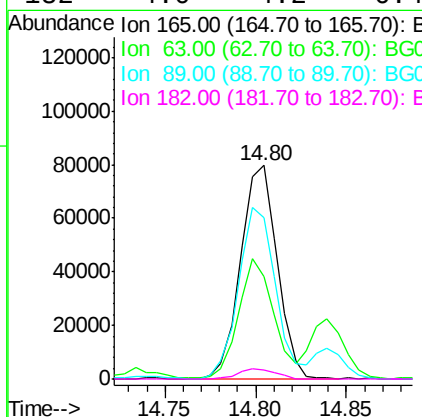
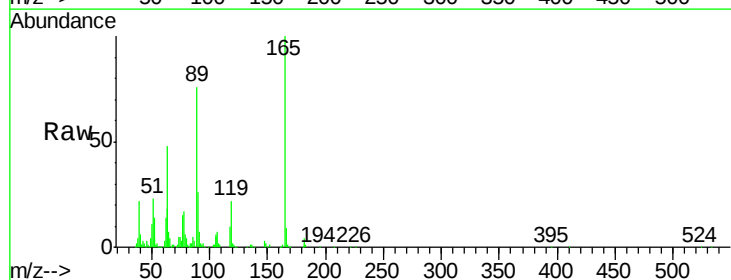
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

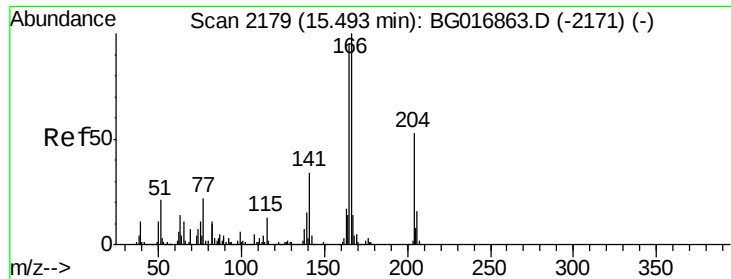
Tgt Ion:139 Resp: 158726
Ion Ratio Lower Upper
139 100
109 81.6 61.8 101.8
65 118.1 96.8 136.8



#56
2,4-Dinitrotoluene
Concen: 23.45 ng
RT: 14.80 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:165 Resp: 112024
Ion Ratio Lower Upper
165 100
63 48.0 44.2 66.4
89 75.8 67.2 100.8
182 4.0 4.2 6.4#

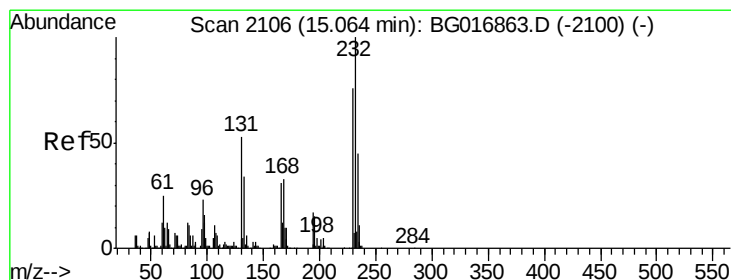
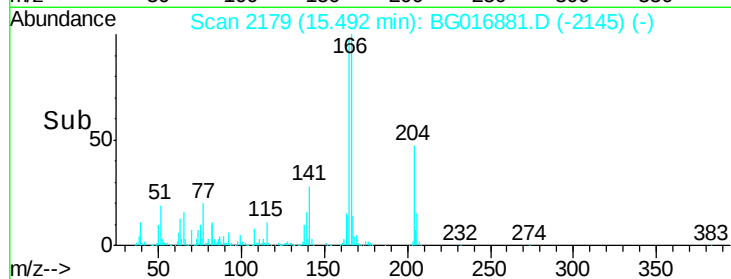
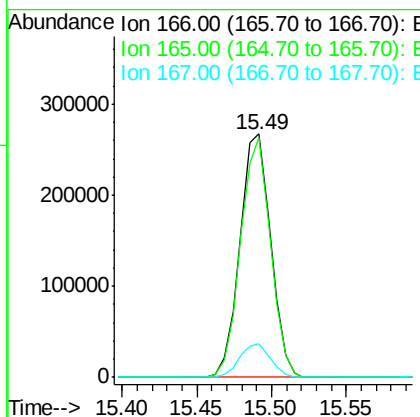
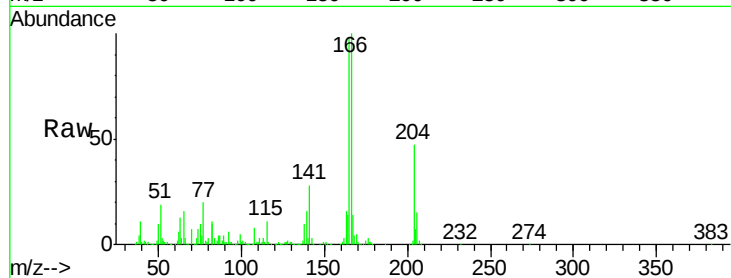




#57
Fluorene
 Concen: 21.45 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

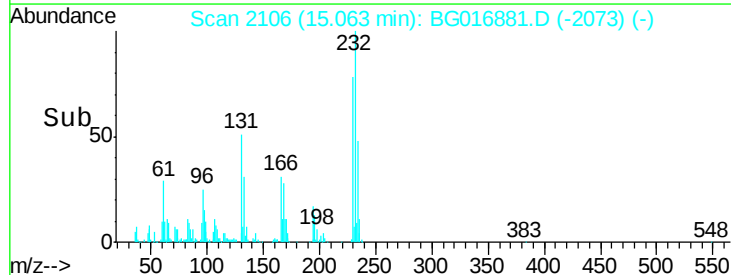
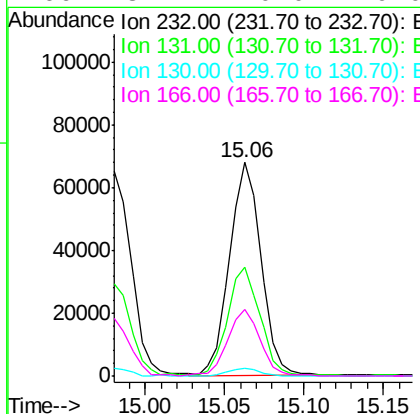
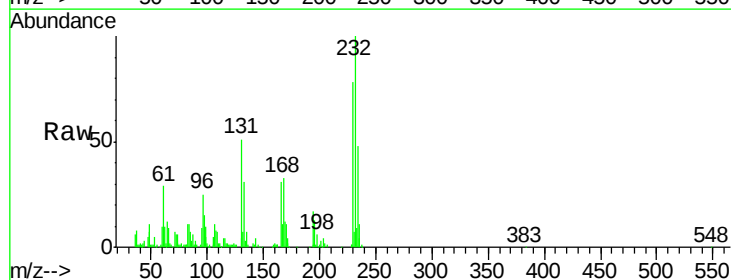
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

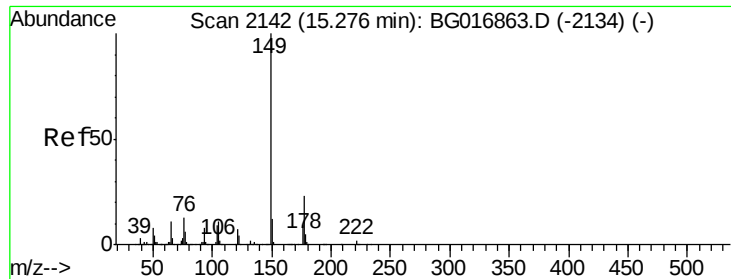
Tgt Ion:166 Resp: 381734
 Ion Ratio Lower Upper
 166 100
 165 98.4 76.1 114.1
 167 13.7 11.4 17.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 22.10 ng
 RT: 15.06 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:232 Resp: 93403
 Ion Ratio Lower Upper
 232 100
 131 53.7 0.1 0.1#
 130 3.8 0.0 0.0#
 166 32.4 0.0 0.0#

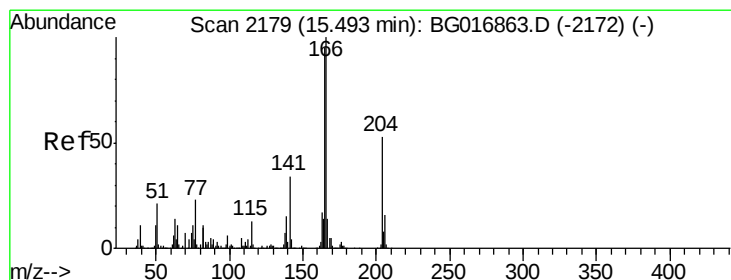
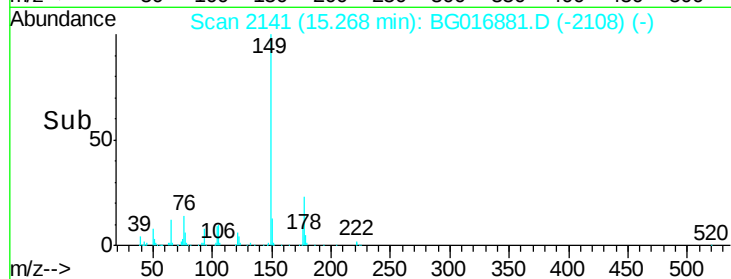
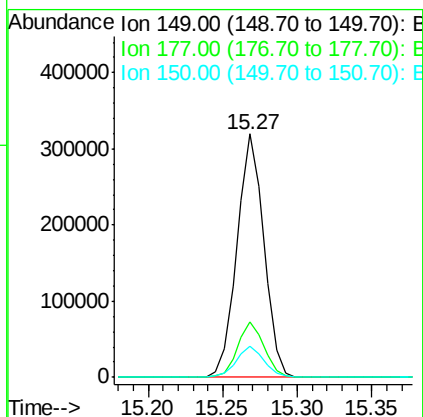
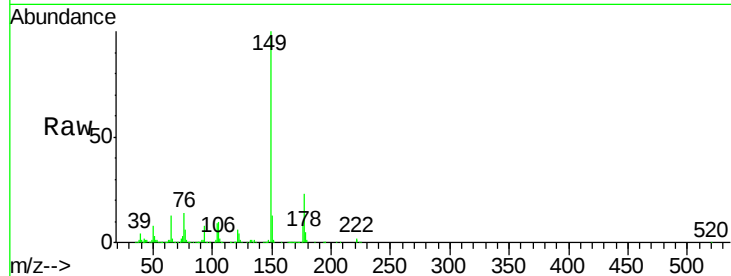




#59
Diethylphthalate
Concen: 21.09 ng
RT: 15.27 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

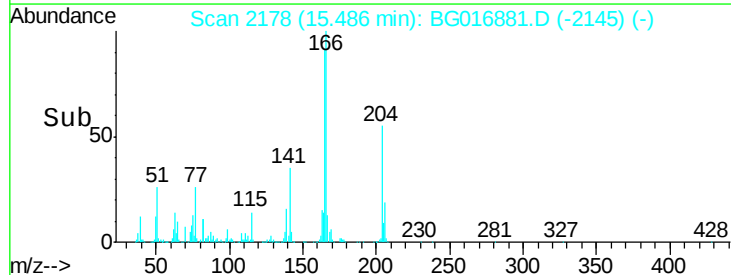
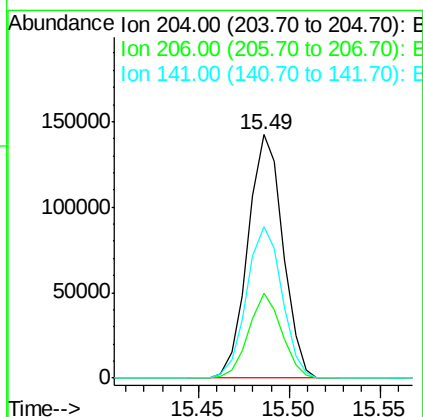
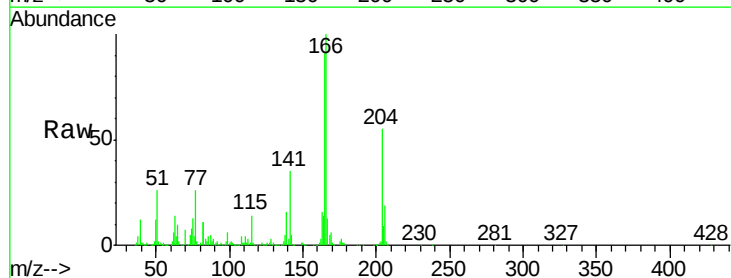
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

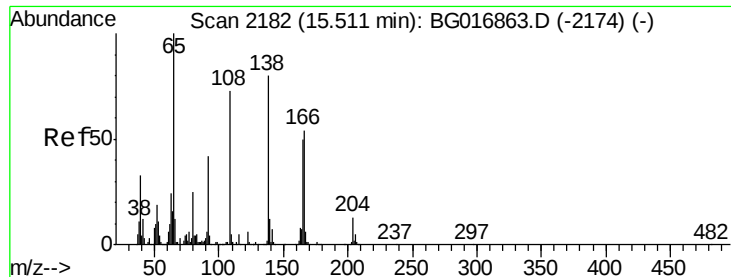
Tgt Ion:149 Resp: 400524
Ion Ratio Lower Upper
149 100
177 22.8 18.6 27.8
150 12.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 21.28 ng
RT: 15.49 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:204 Resp: 190333
Ion Ratio Lower Upper
204 100
206 34.7 24.8 37.2
141 62.5 52.4 78.6

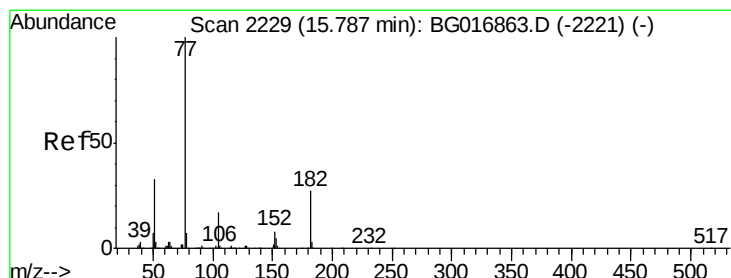
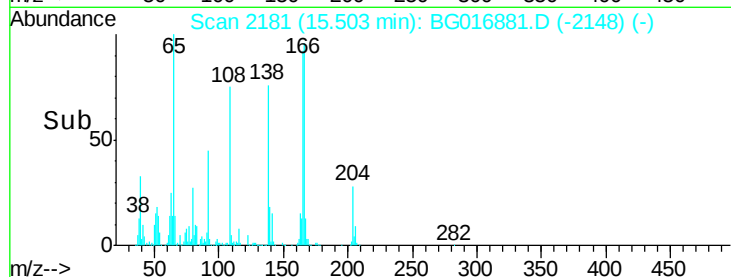
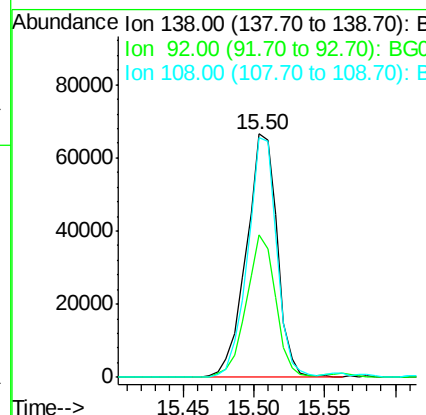
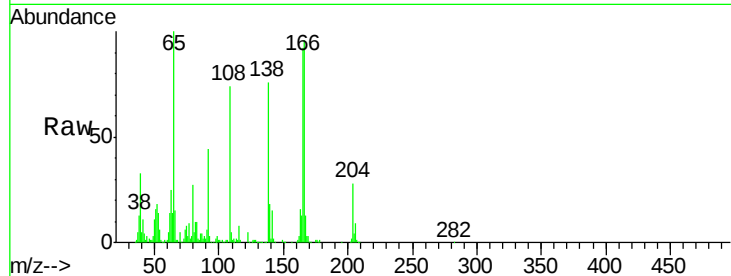




#61
4-Nitroaniline
Concen: 20.77 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

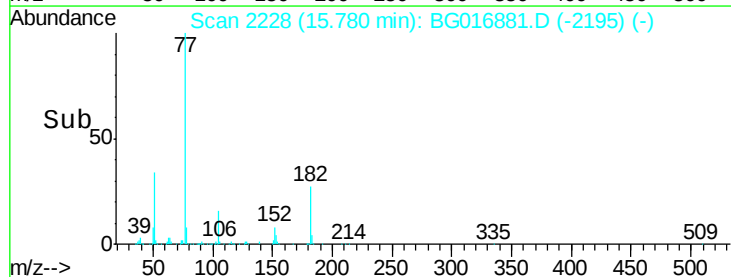
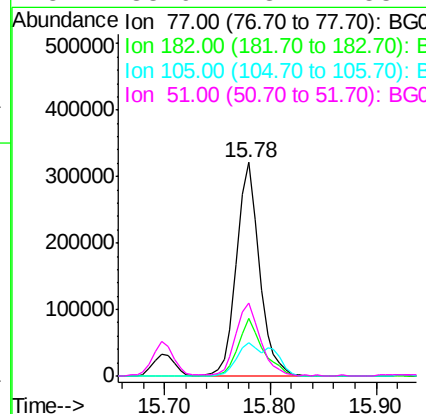
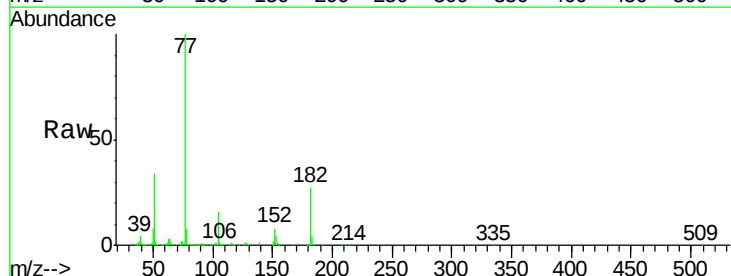
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

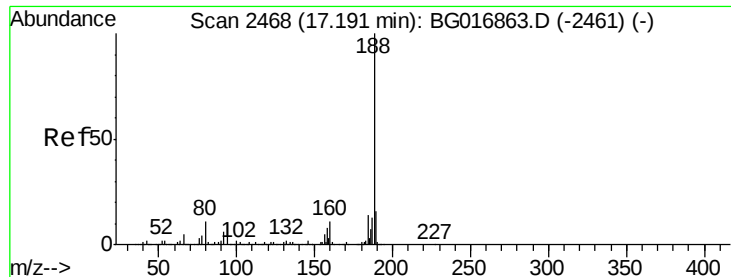
Tgt Ion:138 Resp: 102321
Ion Ratio Lower Upper
138 100
92 58.8 31.8 71.8
108 98.4 70.6 110.6



#62
Azobenzene
Concen: 24.45 ng
RT: 15.78 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion: 77 Resp: 480880
Ion Ratio Lower Upper
77 100
182 26.7 7.4 47.4
105 15.6 0.0 36.6
51 33.9 13.4 53.4

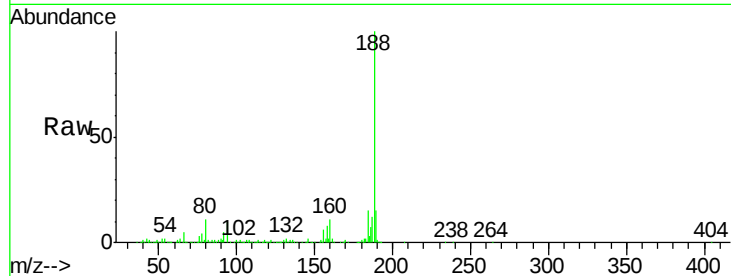




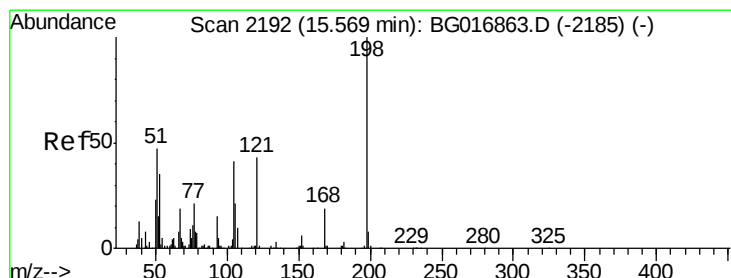
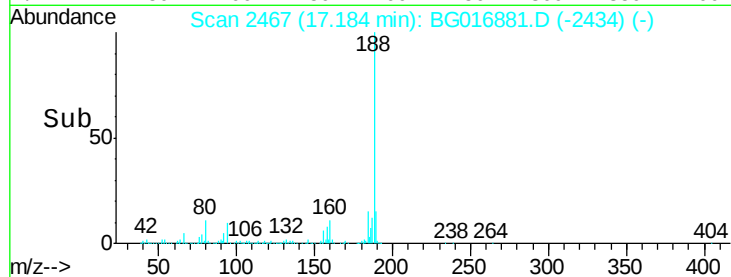
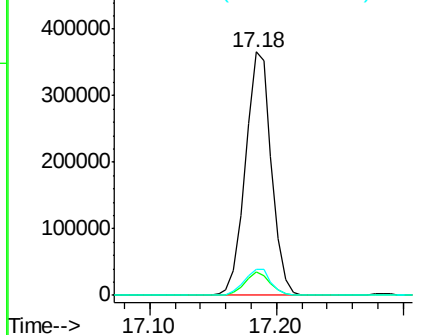
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.9	8.8	13.2

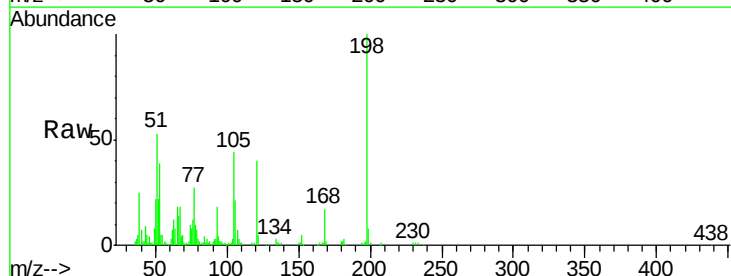


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

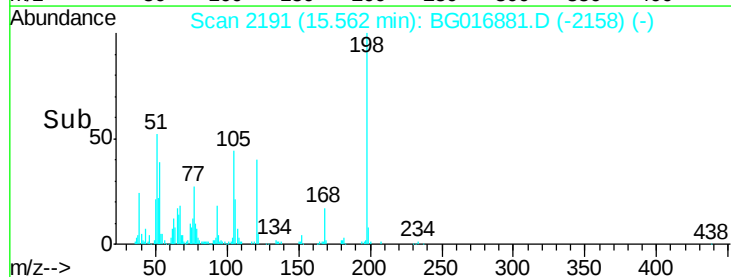
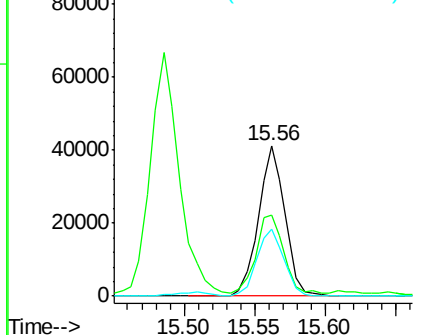


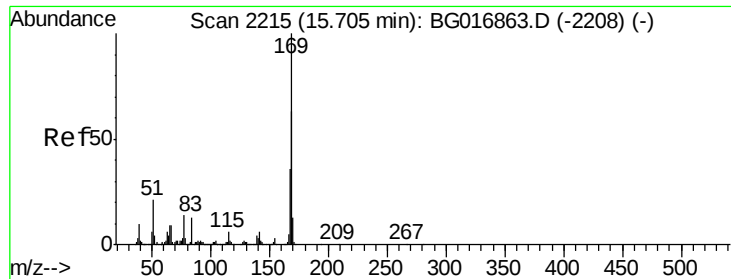
#64
4,6-Dinitro-2-methylphenol
Concen: 21.13 ng
RT: 15.56 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.5	31.2	71.2
105	44.5	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

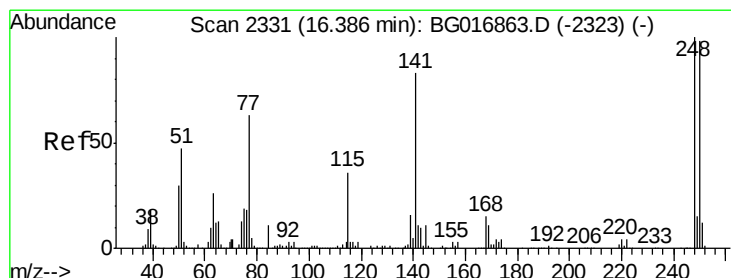
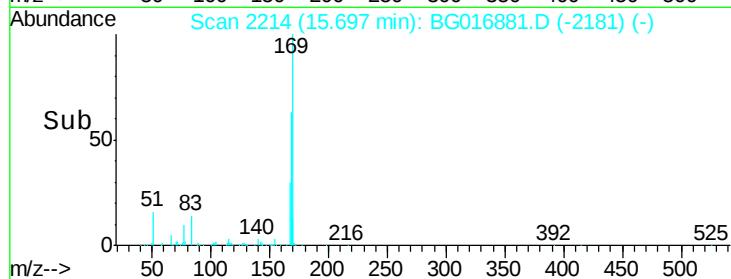
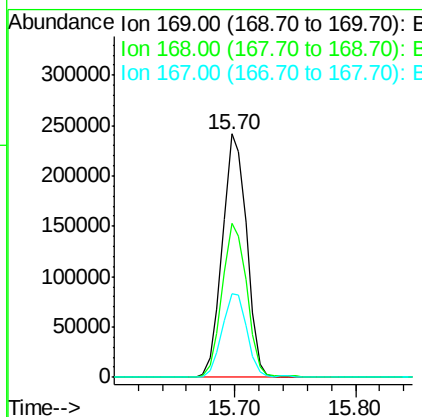
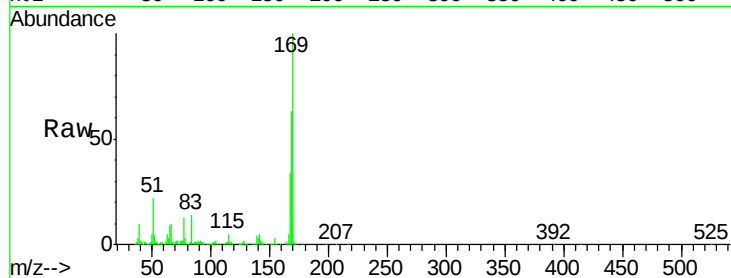




#65
n-Nitrosodiphenylamine
Concen: 21.21 ng
RT: 15.70 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

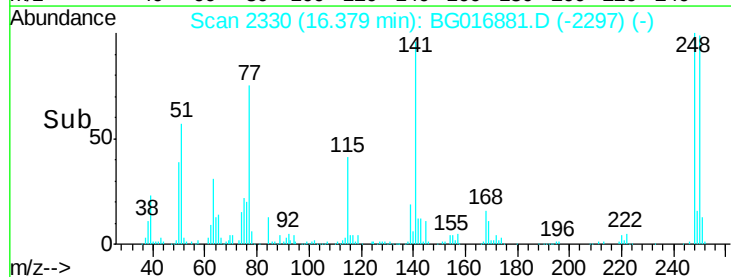
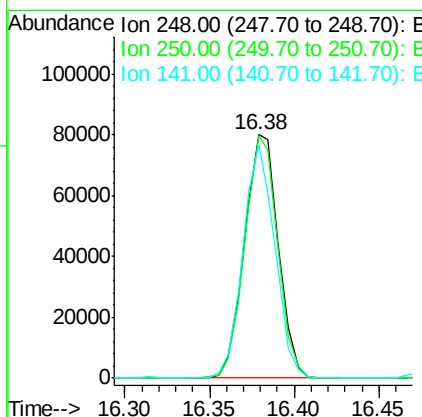
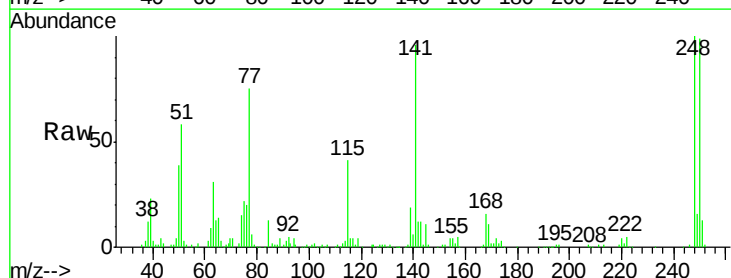
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

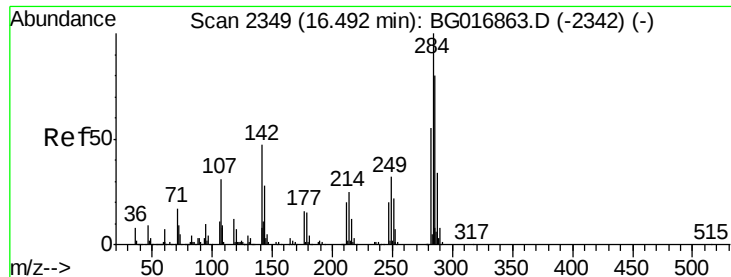
Tgt Ion:169 Resp: 335841
Ion Ratio Lower Upper
169 100
168 63.5 50.6 76.0
167 34.1 29.0 43.4



#66
4-Bromophenyl-phenylether
Concen: 21.39 ng
RT: 16.38 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:248 Resp: 111350
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 96.0 66.3 99.5

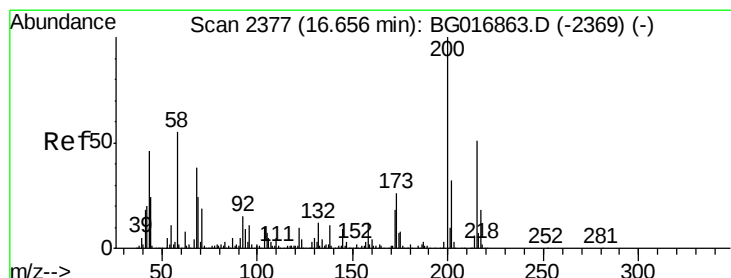
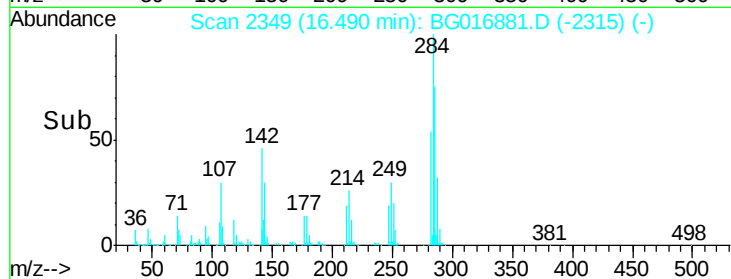
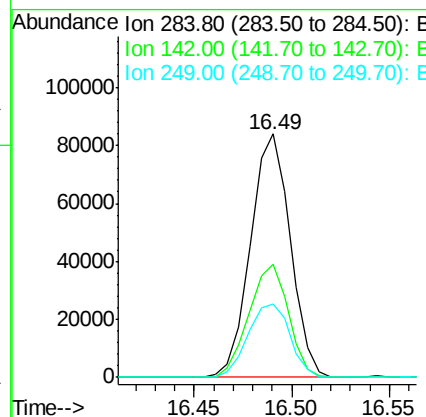
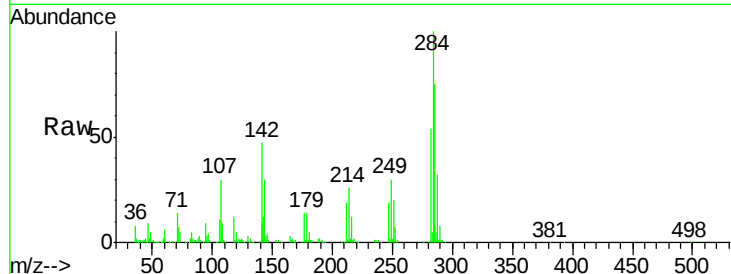




#67
Hexachlorobenzene
Concen: 21.50 ng
RT: 16.49 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

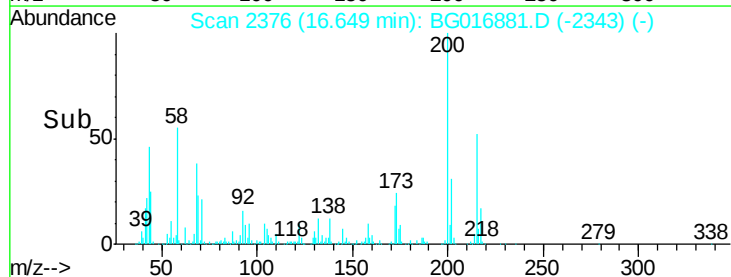
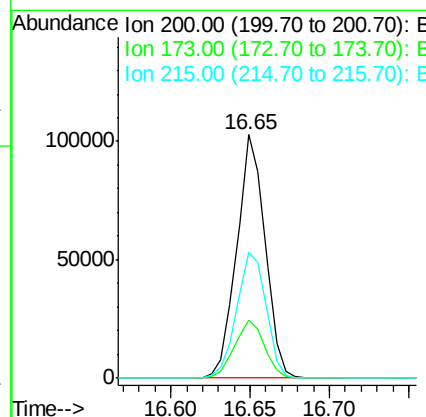
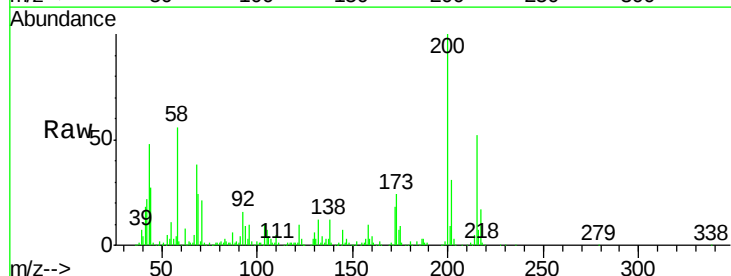
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

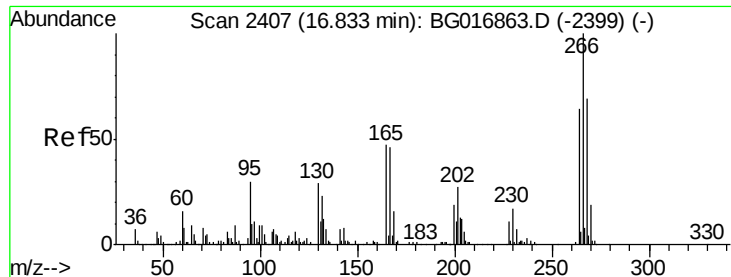
Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.7	37.4	56.0
249	30.2	25.5	38.3



#68
Atrazine
Concen: 22.39 ng
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	6.1	46.1
215	51.5	30.8	70.8





#69

Pentachlorophenol

Concen: 42.66 ng

RT: 16.83 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

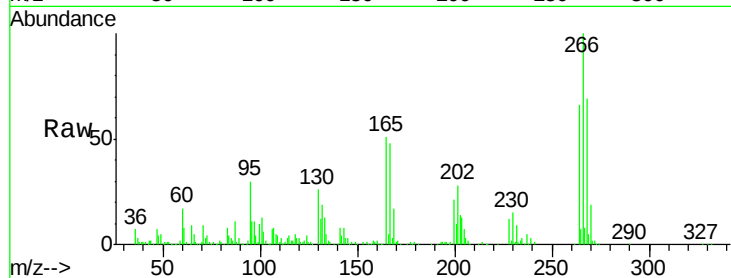
Tgt Ion:266 Resp: 152036

Ion Ratio Lower Upper

266 100

268 68.8 55.2 82.8

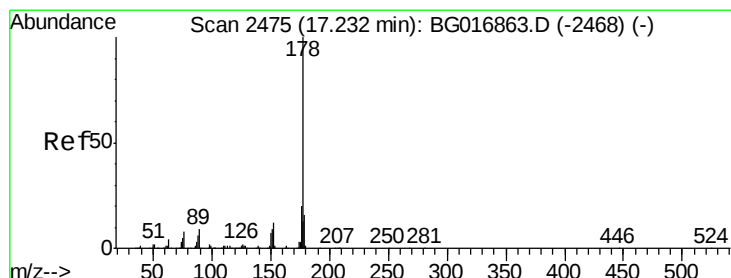
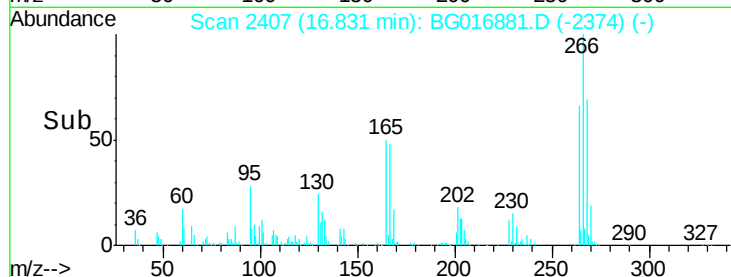
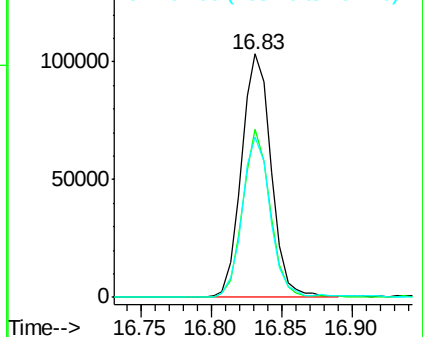
264 65.8 51.4 77.0



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: 21.73 ng

RT: 17.23 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

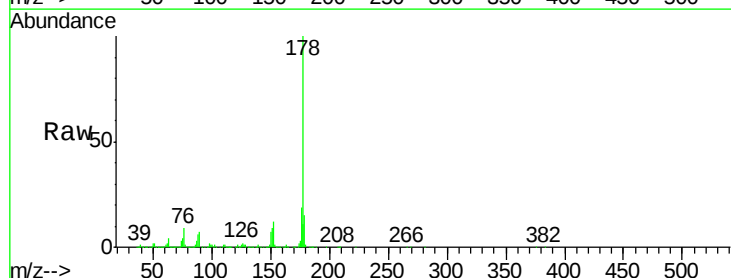
Tgt Ion:178 Resp: 580091

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

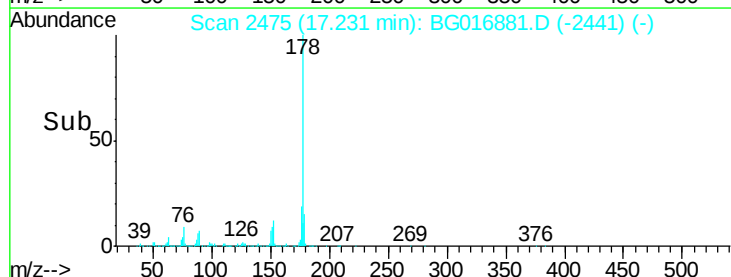
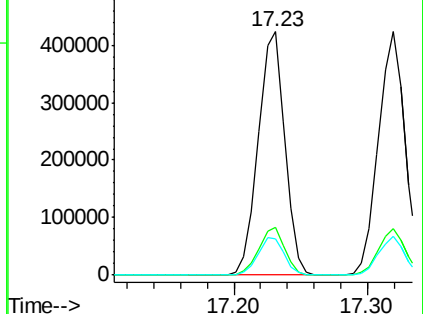
179 14.7 13.0 19.6

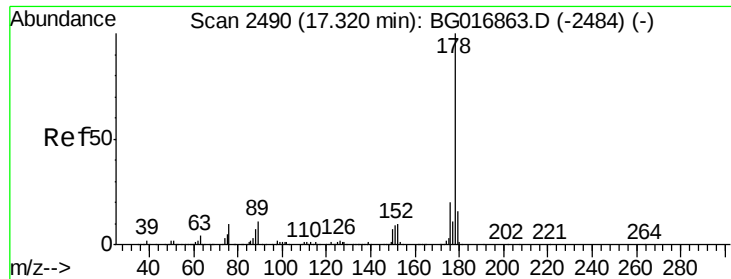


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

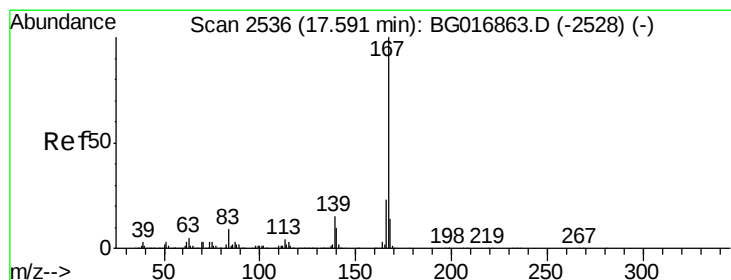
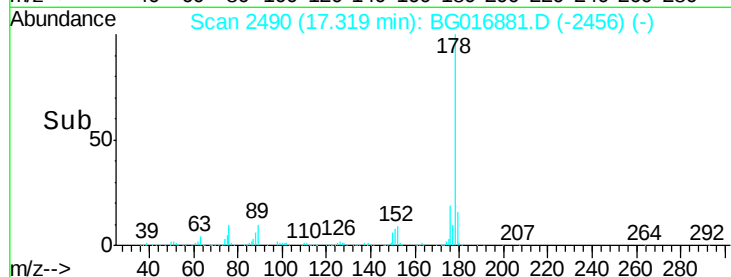
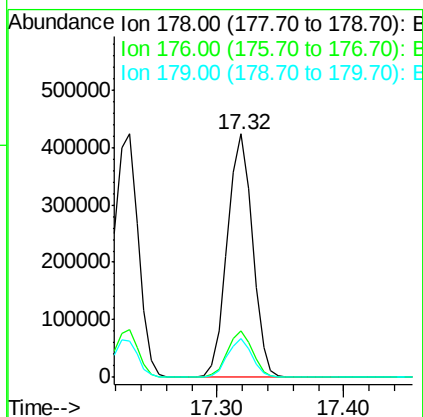
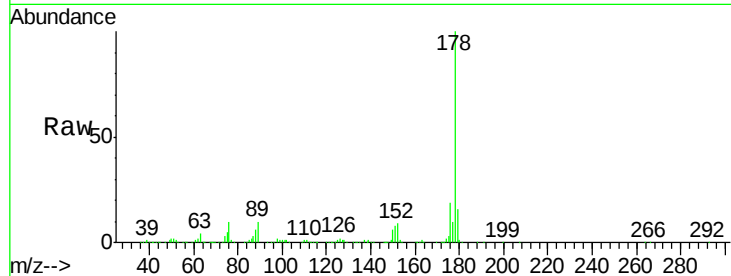




#71
 Anthracene
 Concen: 21.61 ng
 RT: 17.32 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

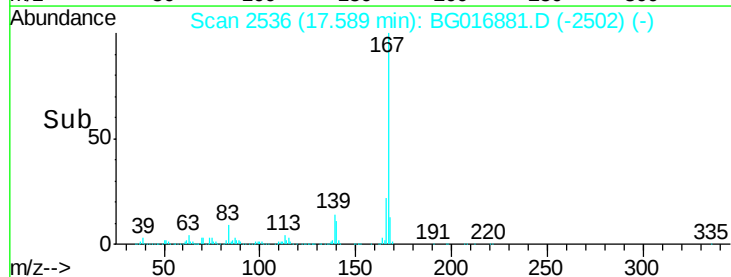
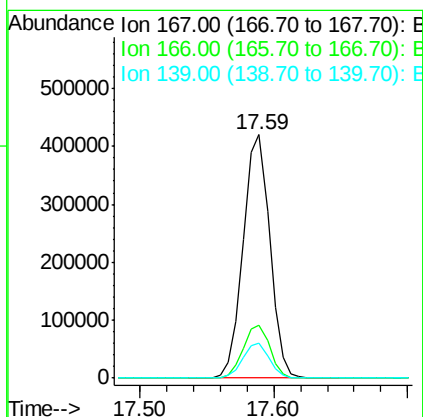
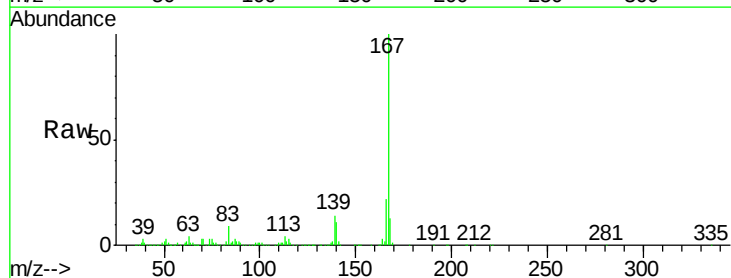
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

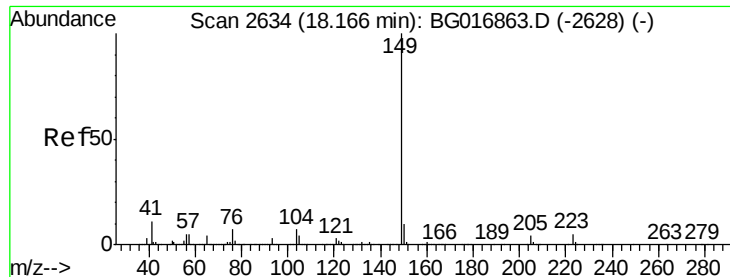
Tgt Ion:178 Resp: 581804
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 16.0 13.1 19.7



#72
 Carbazole
 Concen: 22.58 ng
 RT: 17.59 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:167 Resp: 577944
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.4 27.6
 139 14.3 12.2 18.4





#73

Di-n-butylphthalate

Concen: 21.53 ng

RT: 18.16 min Scan# 2633

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

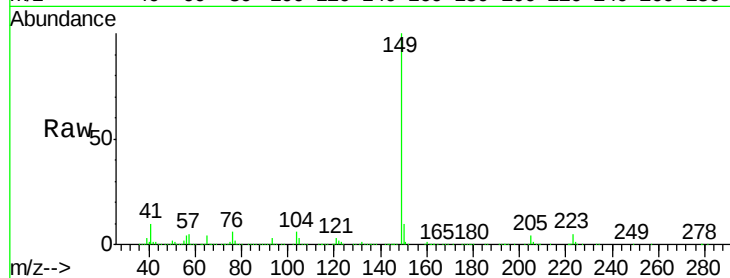
Tgt Ion:149 Resp: 714375

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 6.2 5.4 8.0

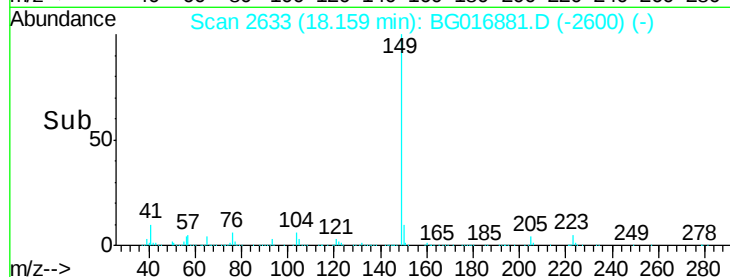


Abundance Ion 149.00 (148.70 to 149.70): E

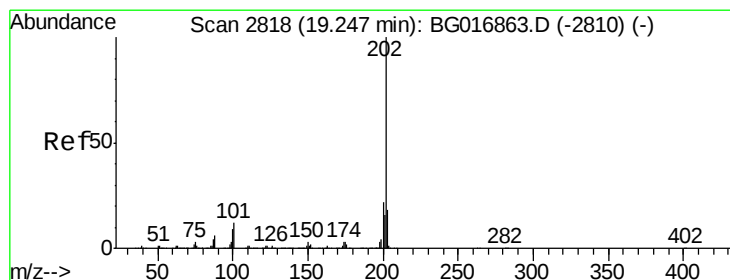
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.16



Time-->



#74

Fluoranthene

Concen: 21.56 ng

RT: 19.25 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

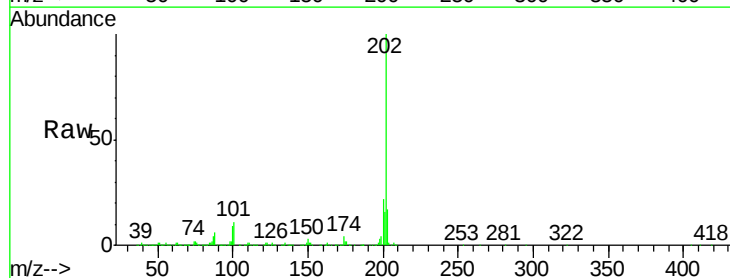
Tgt Ion:202 Resp: 667708

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

203 17.3 0.0 38.1

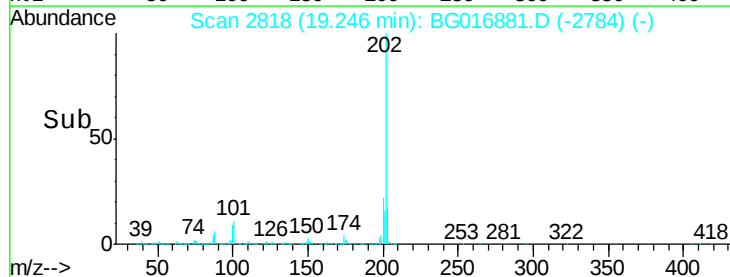


Abundance Ion 202.00 (201.70 to 202.70): E

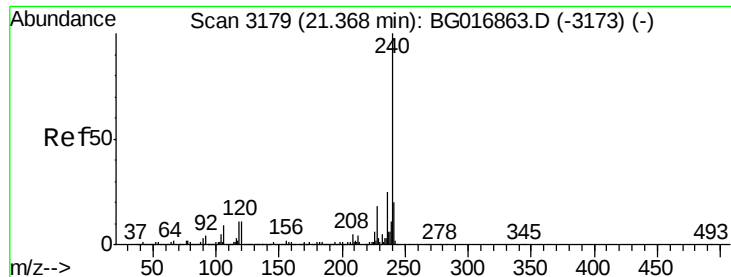
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.25



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

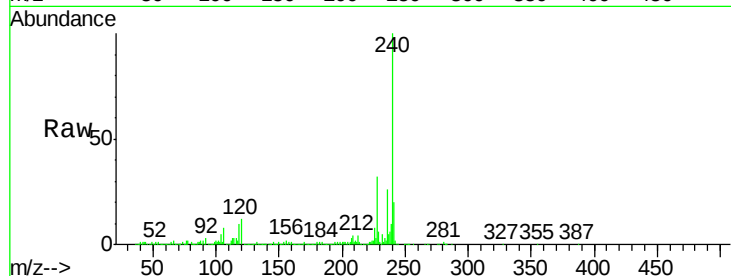
Tgt Ion:240 Resp: 533287

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

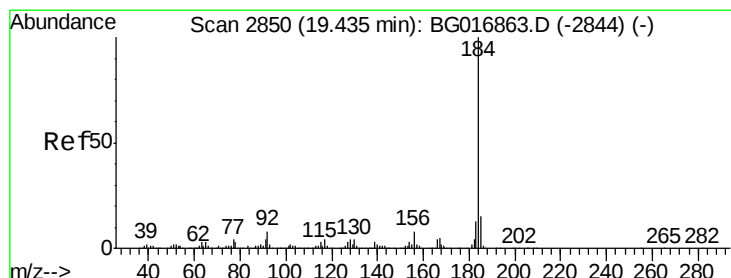
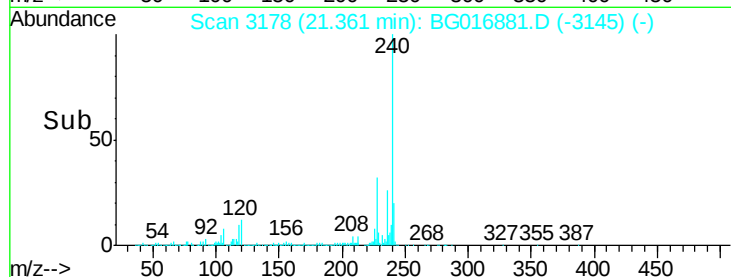
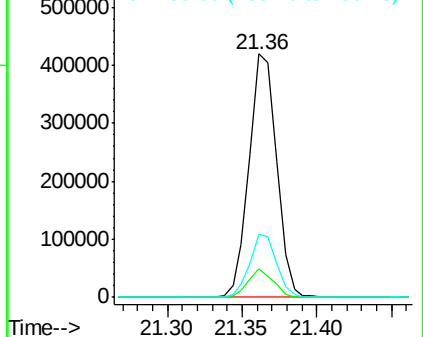
236 25.9 20.2 30.4



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: 17.55 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

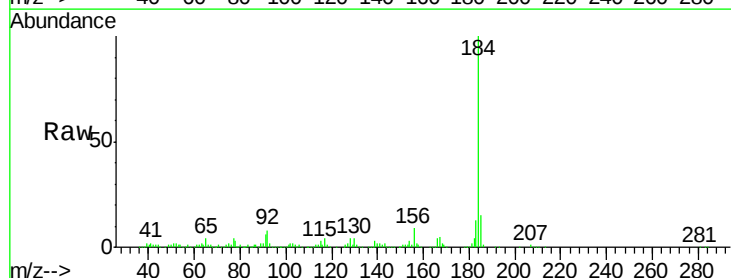
Tgt Ion:184 Resp: 318066

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

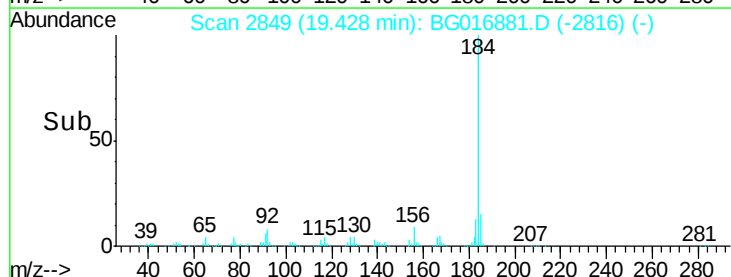
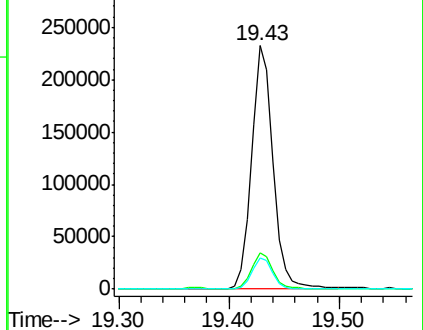
183 12.7 10.6 15.8

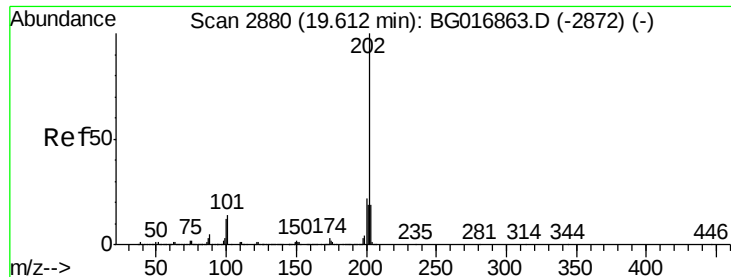


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

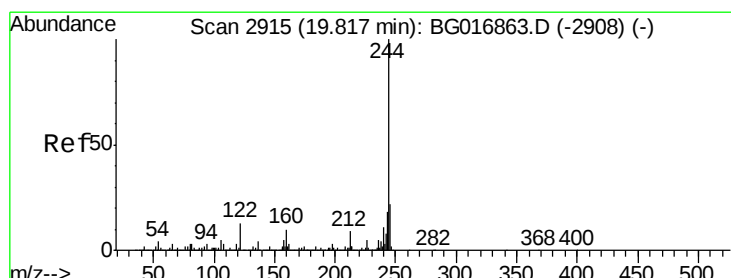
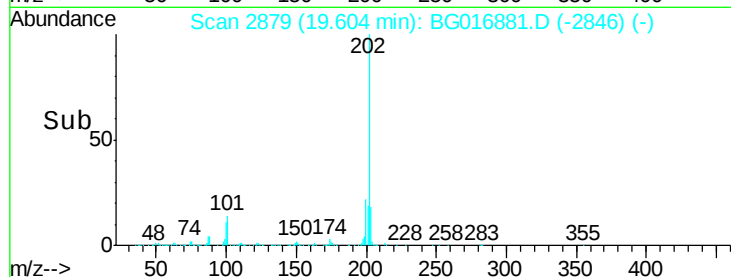
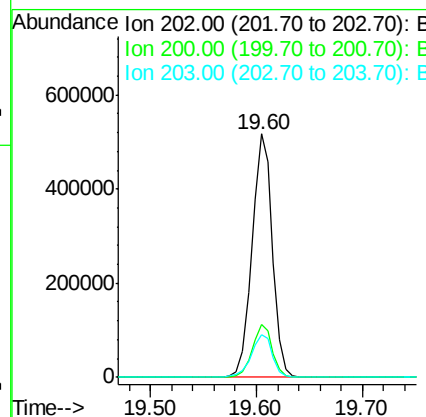
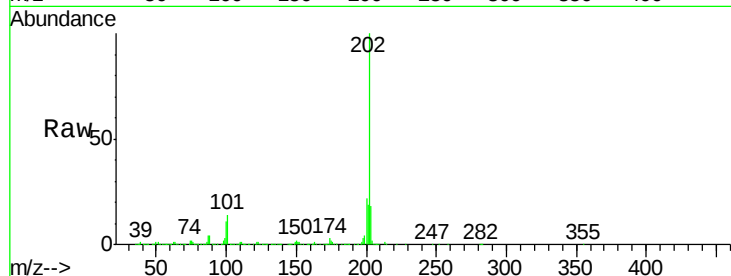




#77
 Pyrene
 Concen: 21.94 ng
 RT: 19.60 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

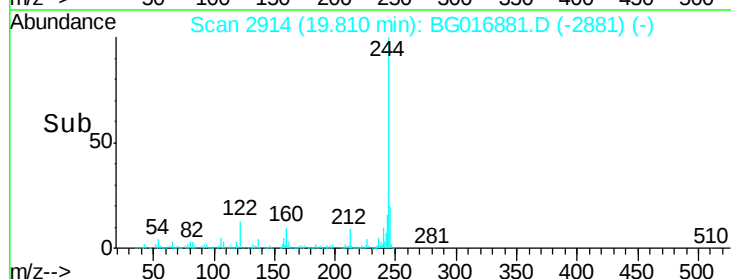
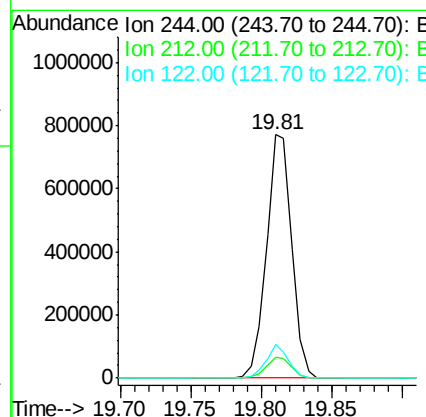
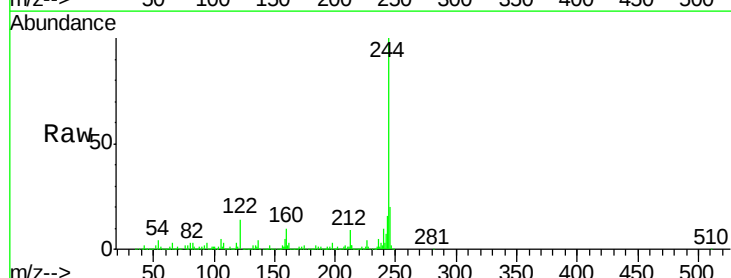
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

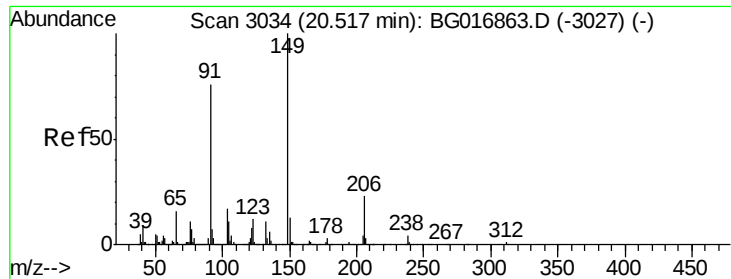
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.9	26.9
203	17.7	15.2	22.8



#78
 Terphenyl-d14
 Concen: 42.63 ng
 RT: 19.81 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	13.7	10.4	15.6





#79

Butylbenzylphthalate

Concen: 21.15 ng

RT: 20.51 min Scan# 3033

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

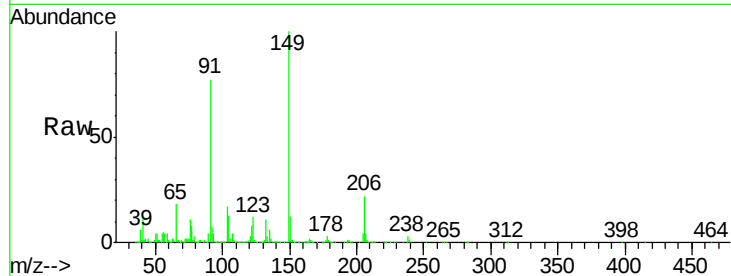
Tgt Ion:149 Resp: 316342

Ion Ratio Lower Upper

149 100

91 77.0 60.6 91.0

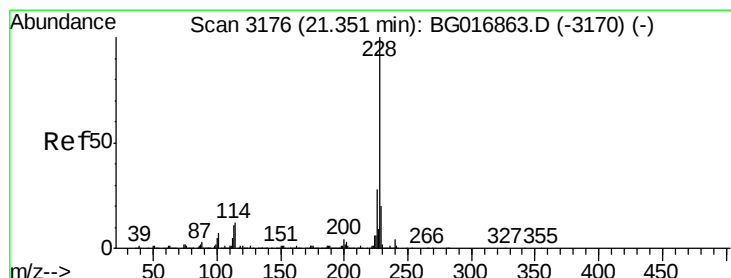
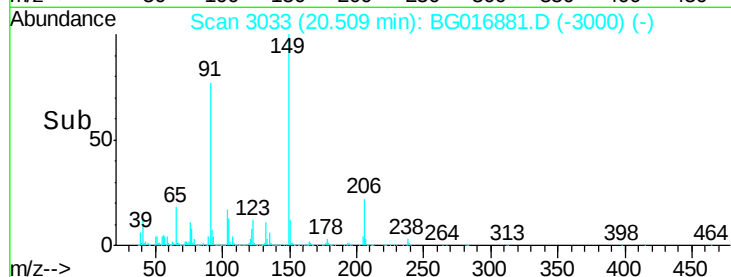
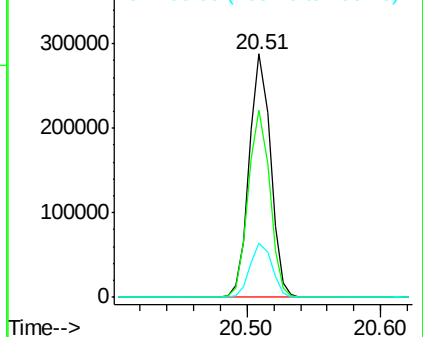
206 22.0 18.4 27.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 21.59 ng

RT: 21.35 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

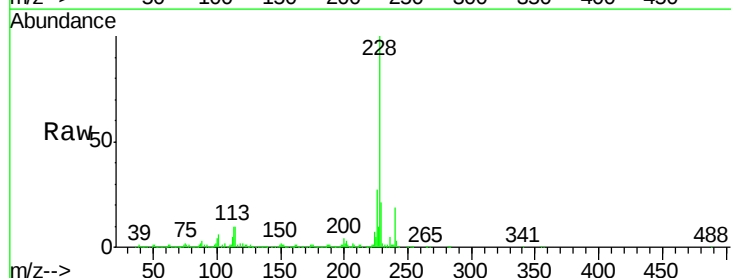
Tgt Ion:228 Resp: 617775

Ion Ratio Lower Upper

228 100

226 26.7 22.7 34.1

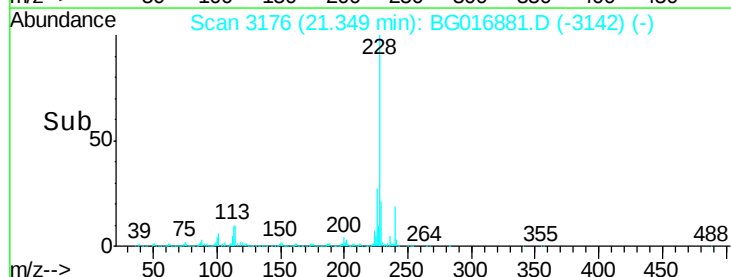
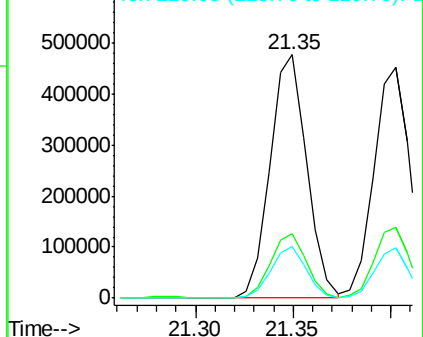
229 21.1 16.1 24.1

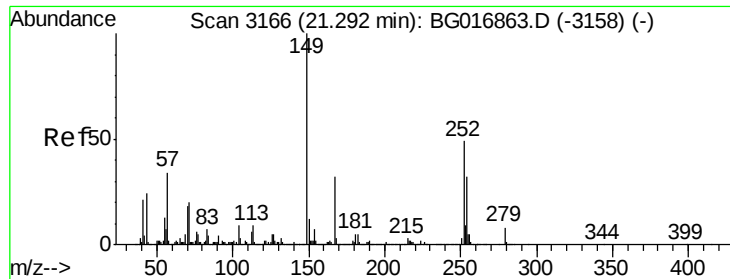


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

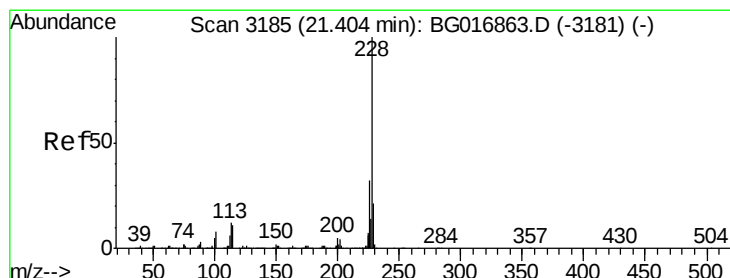
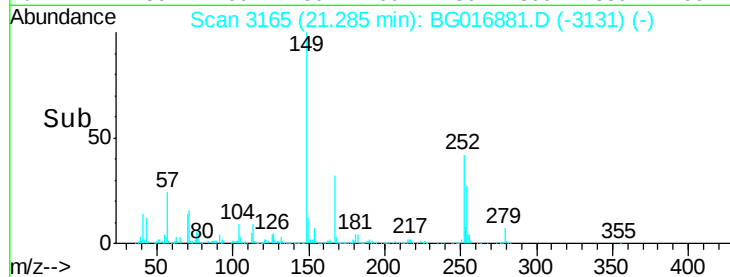
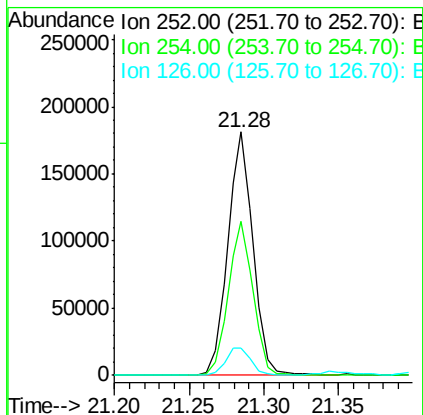
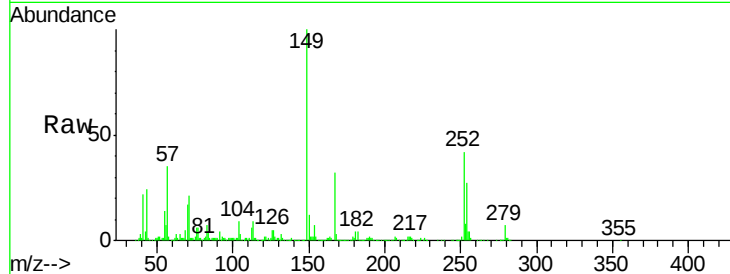




#81
 3,3'-Dichlorobenzidine
 Concen: 19.27 ng
 RT: 21.28 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

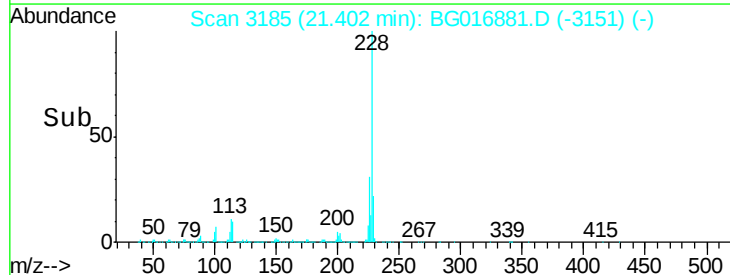
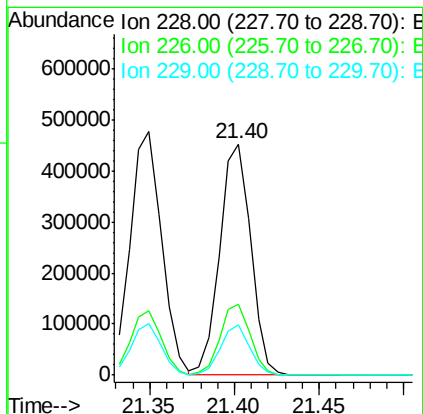
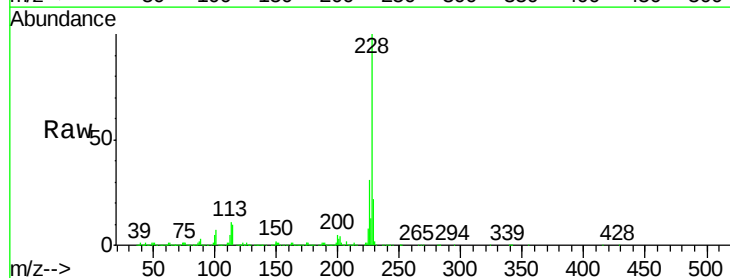
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

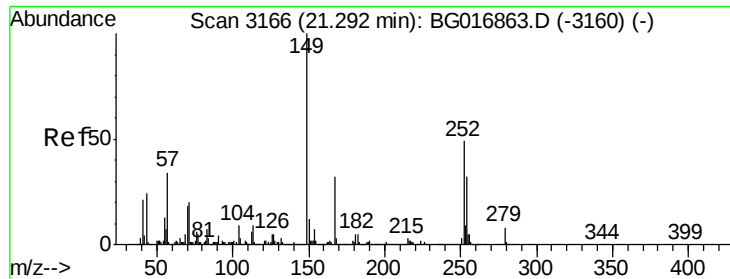
Tgt Ion:252 Resp: 215273
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.7 77.5
 126 11.4 8.9 13.3



#82
 Chrysene
 Concen: 21.58 ng
 RT: 21.40 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion:228 Resp: 578230
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 21.5 16.5 24.7

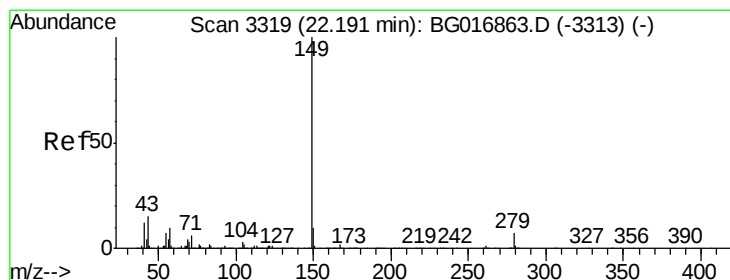
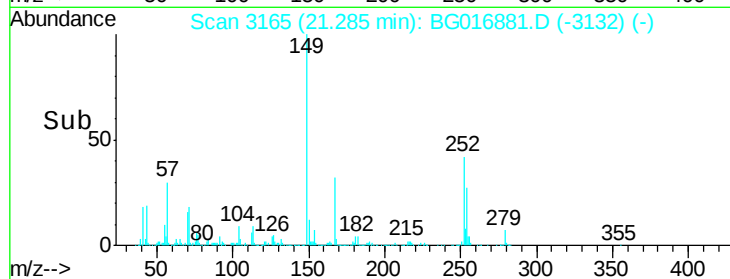
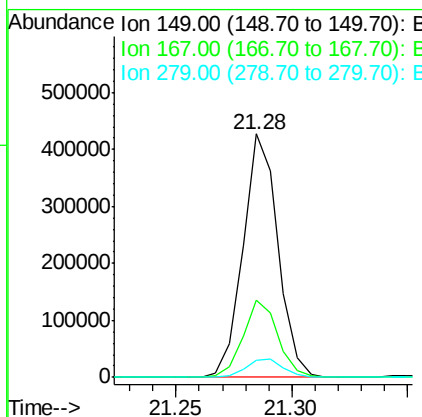
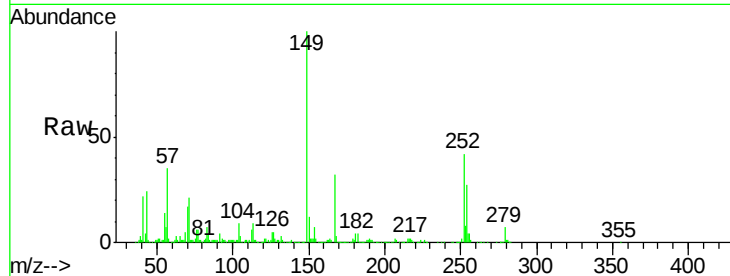




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.07 ng
 RT: 21.28 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

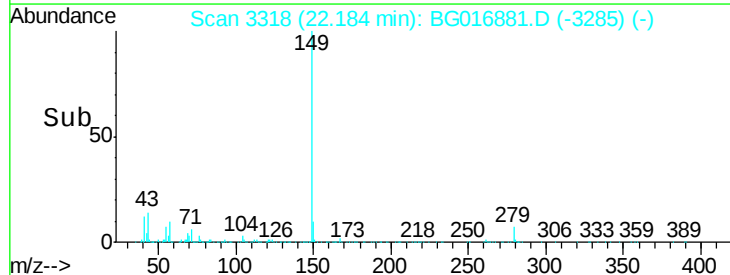
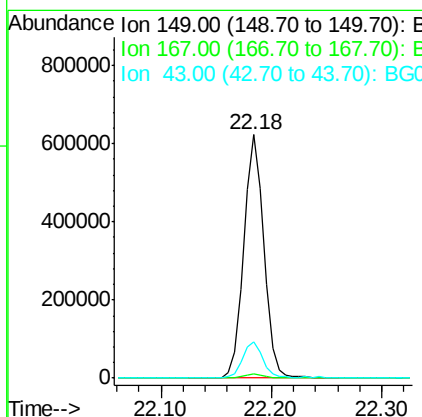
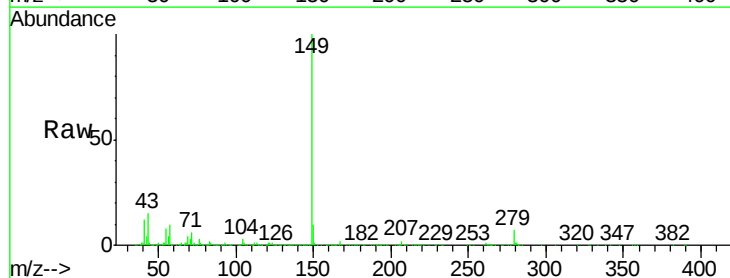
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MS

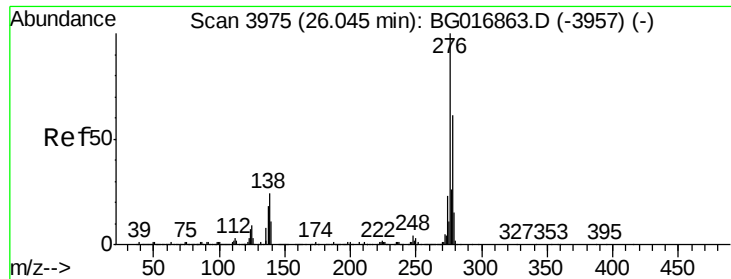
Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.8	25.4	38.0
279	7.2	6.4	9.6



#84
 Di-n-octyl phthalate
 Concen: 23.25 ng
 RT: 22.18 min Scan# 3318
 Delta R.T. -0.00 min
 Lab File: BG016881.D
 Acq: 6 May 2015 2:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	0.0	0.0#
43	14.5	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 20.92 ng

RT: 26.03 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

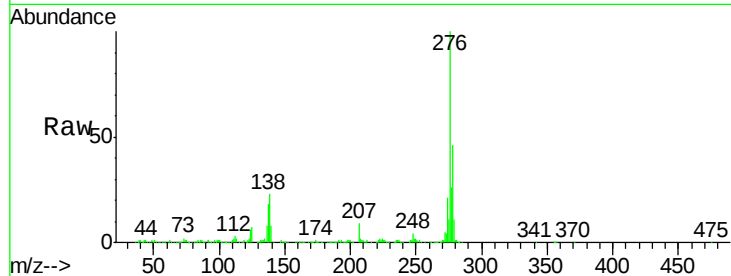
Tgt Ion:276 Resp: 667987

Ion Ratio Lower Upper

276 100

138 26.2 0.0 0.0#

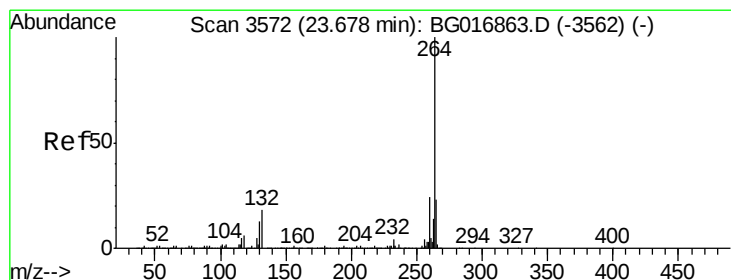
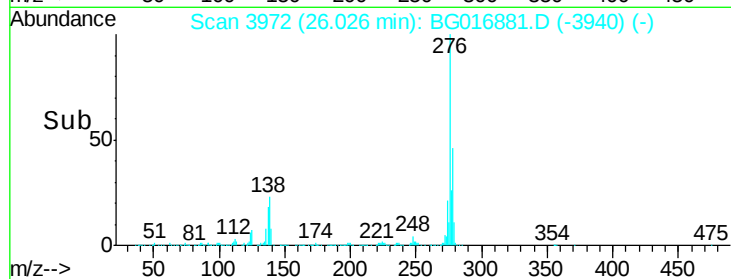
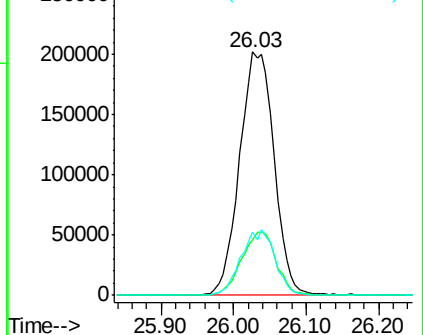
277 26.5 0.0 0.0#



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# 3571

Delta R.T. 0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

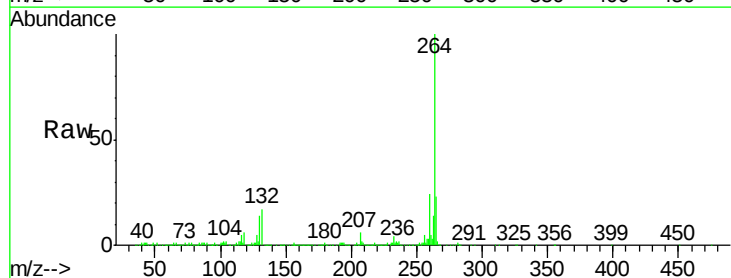
Tgt Ion:264 Resp: 524695

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

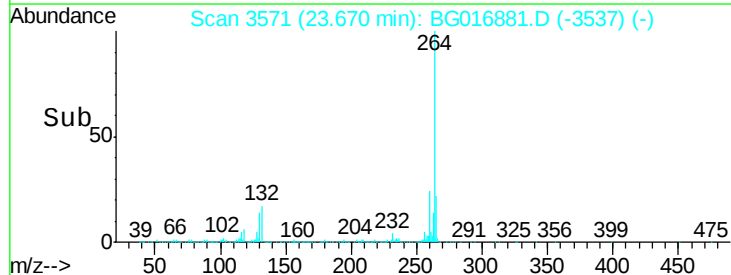
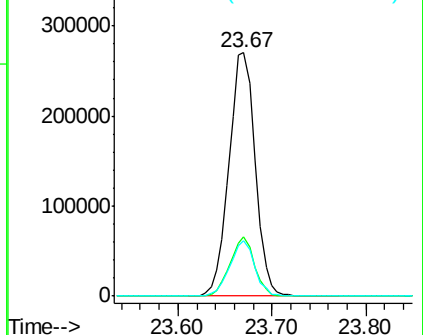
265 22.5 18.5 27.7

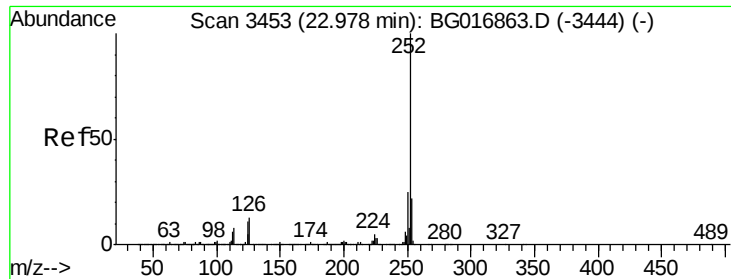


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

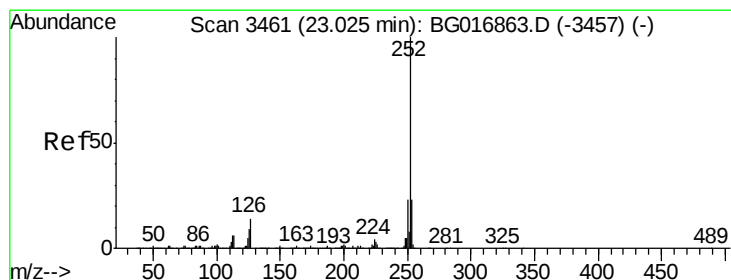
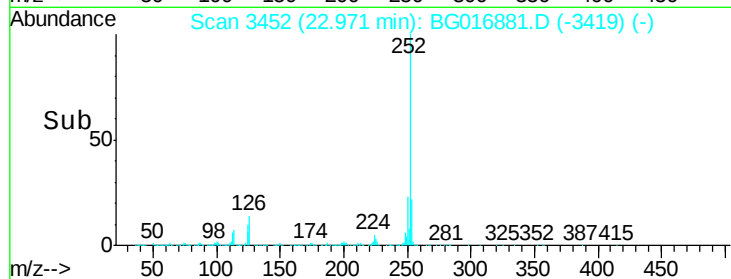
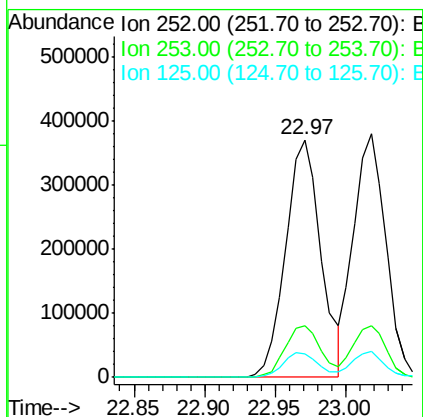
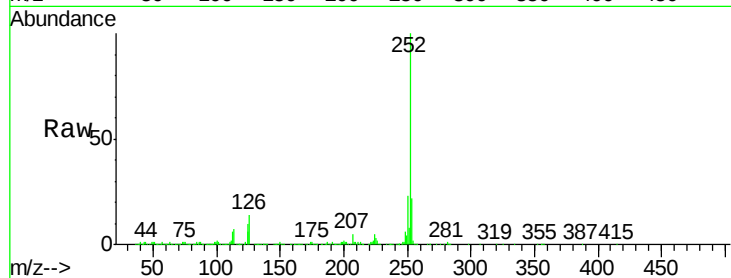




#87
Benzo(b)fluoranthene
Concen: 21.99 ng
RT: 22.97 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

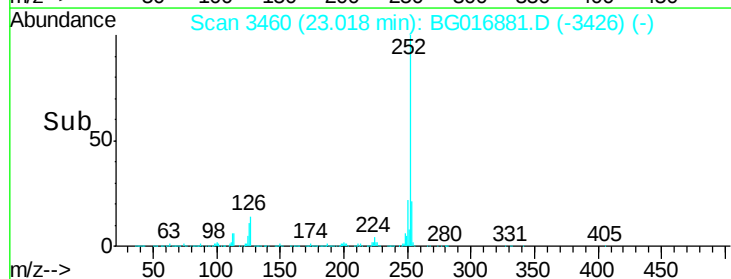
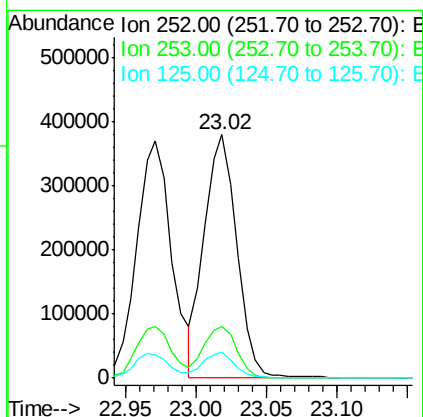
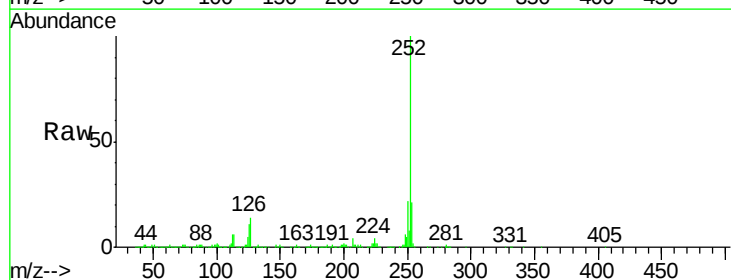
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MS

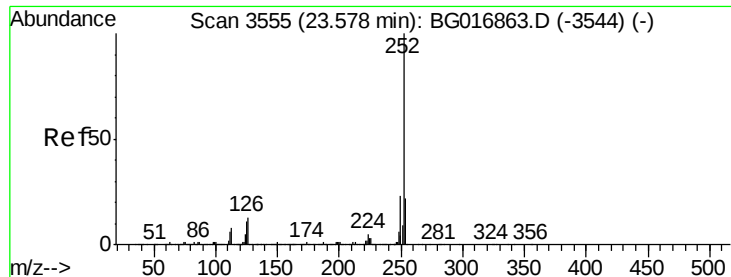
Tgt Ion:252 Resp: 642824
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.0 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 21.43 ng
RT: 23.02 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BG016881.D
Acq: 6 May 2015 2:03

Tgt Ion:252 Resp: 602712
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 10.5 7.9 11.9





#89

Benzo(a)pyrene

Concen: 22.55 ng

RT: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS

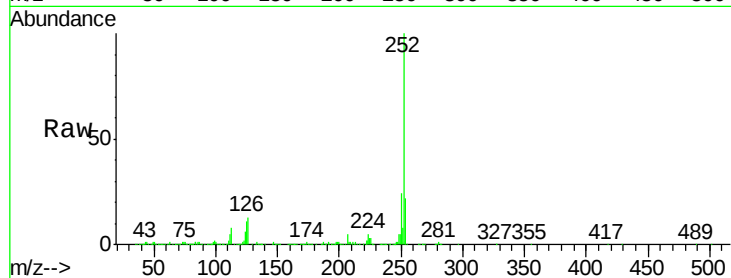
Tgt Ion:252 Resp: 614601

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

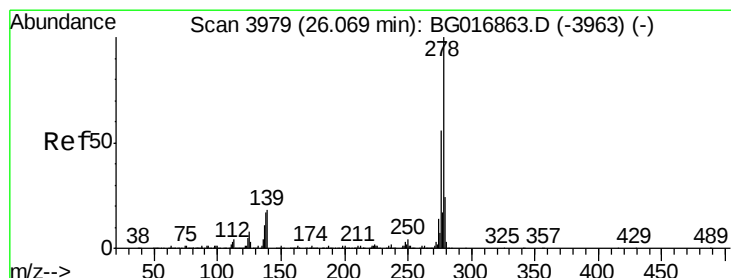
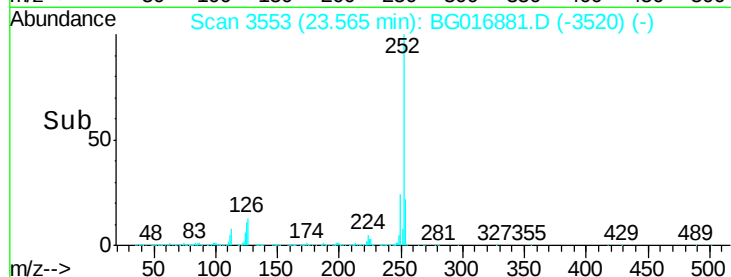
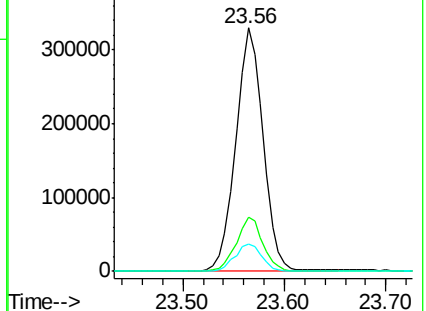
125 11.3 8.5 12.7



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: 20.50 ng

RT: 26.05 min Scan# 3976

Delta R.T. -0.00 min

Lab File: BG016881.D

Acq: 6 May 2015 2:03

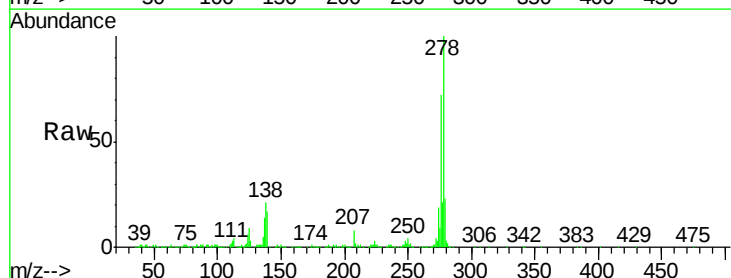
Tgt Ion:278 Resp: 570742

Ion Ratio Lower Upper

278 100

139 17.2 14.2 21.2

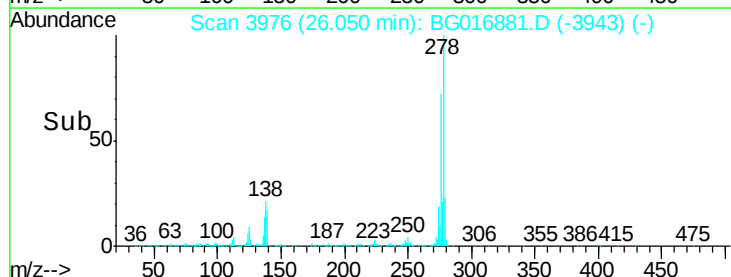
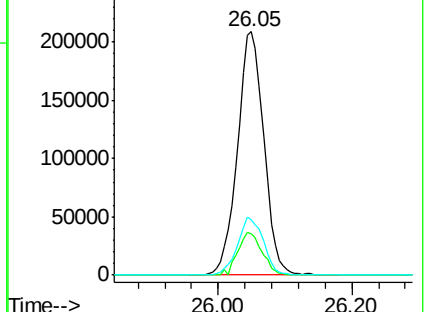
279 22.8 18.9 28.3

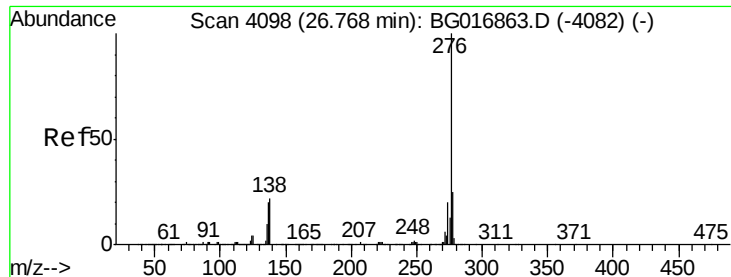


Abundance Ion 278.00 (277.70 to 278.70): E

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: 20.67 ng

RT: 26.75 min Scan# 4096

Delta R.T. -0.01 min

Lab File: BG016881.D

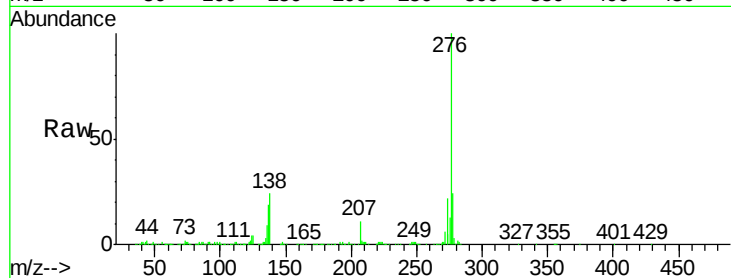
Acq: 6 May 2015 2:03

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MS



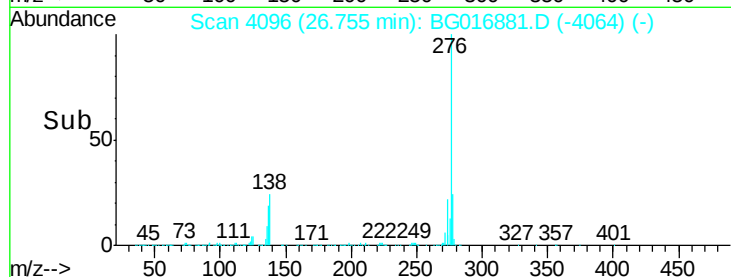
Tgt Ion: 276 Resp: 548059

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

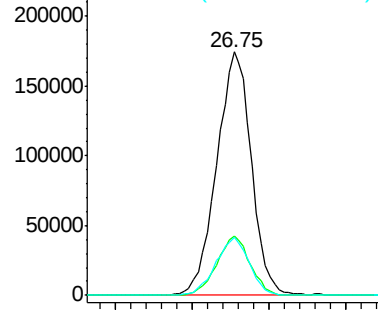
138 23.7 17.5 26.3



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



Time-->