

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016882.D
 Acq On : 6 May 2015 2:38
 Operator : TP/IZ
 Sample : G2114-18MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 06 03:57:42 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	79349	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	349619	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	228656	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	500643	20.00	ng	0.00
75) Chrysene-d12	21.37	240	494999	20.00	ng	0.00
86) Perylene-d12	23.67	264	481819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	488753	107.25	ng	0.00
7) Phenol-d6	6.97	99	695905	106.89	ng	0.00
23) Nitrobenzene-d5	8.96	82	440512	61.55	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	227644	99.17	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	859921	56.75	ng	0.00
78) Terphenyl-d14	19.81	244	1231148	58.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	50600	26.49	ng	# 1
3) Pyridine	3.69	79	146339	24.79	ng	96
4) n-Nitrosodimethylamine	3.61	42	106259	30.15	ng	99
6) Aniline	7.13	93	201343	22.02	ng	96
8) 2-Chlorophenol	7.36	128	171171	32.42	ng	96
9) Benzaldehyde	6.95	77	74895	14.23	ng	96
10) Phenol	7.00	94	250436	35.87	ng	97
11) bis(2-Chloroethyl)ether	7.23	93	171208	31.72	ng	97
12) 1,3-Dichlorobenzene	7.69	146	161040	27.66	ng	96
13) 1,4-Dichlorobenzene	7.84	146	169861	28.81	ng	95
14) 1,2-Dichlorobenzene	8.16	146	163278	28.85	ng	96
15) Benzyl Alcohol	8.04	79	183034	30.78	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	309910	31.01	ng	97
17) 2-Methylphenol	8.25	107	160315	32.61	ng	98
18) Hexachloroethane	8.88	117	69069	28.50	ng	92
19) n-Nitroso-di-n-propylamine	8.61	70	161917	28.36	ng	97
20) 3+4-Methylphenols	8.57	107	217202	32.06	ng	96
22) Acetophenone	8.62	105	263718	31.67	ng	# 99
24) Nitrobenzene	9.00	77	222268	30.75	ng	99
25) Isophorone	9.53	82	423068	29.28	ng	96
26) 2-Nitrophenol	9.71	139	90035	30.60	ng	95
27) 2,4-Dimethylphenol	9.77	122	176526	33.15	ng	97
28) bis(2-Chloroethoxy)methane	10.01	93	228407	31.31	ng	98
29) 2,4-Dichlorophenol	10.24	162	171901	34.17	ng	95
30) 1,2,4-Trichlorobenzene	10.46	180	164086	30.76	ng	95
31) Naphthalene	10.65	128	508466	29.24	ng	98
32) Benzoic acid	9.86	122	55256	21.20	ng	96
33) 4-Chloroaniline	10.75	127	168540	20.99	ng	99
34) Hexachlorobutadiene	10.94	225	95507	28.60	ng	95
35) Caprolactam	11.52	113	42076	16.10	ng	97
36) 4-Chloro-3-methylphenol	11.88	107	212490	32.98	ng	99
37) 2-Methylnaphthalene	12.26	142	398521	30.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	175949	28.47	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	226691	56.79	ng	92

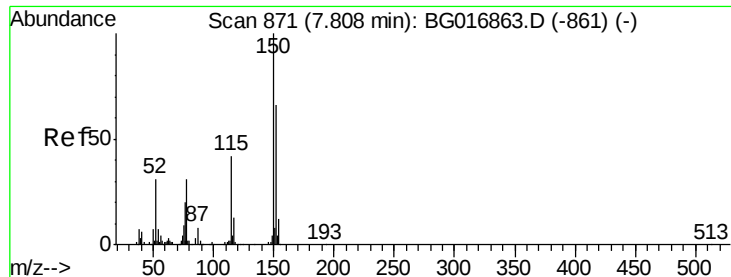
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	137094	31.30	ng	96
43) 2,4,5-Trichlorophenol	12.94	196	148828	32.01	ng	97
45) 1,1'-Biphenyl	13.27	154	506768	30.96	ng	98
46) 2-Chloronaphthalene	13.32	162	386829	29.83	ng	99
47) 2-Nitroaniline	13.52	65	154154	34.15	ng	97
48) Acenaphthylene	14.16	152	660318	29.24	ng	98
49) Dimethylphthalate	13.90	163	554203	32.46	ng	100
50) 2,6-Dinitrotoluene	14.02	165	116358	32.82	ng	98
51) Acenaphthene	14.51	154	396779	29.52	ng	97
52) 3-Nitroaniline	14.34	138	104771	25.98	ng	94
53) 2,4-Dinitrophenol	14.55	184	106508	65.69	ng	94
54) Dibenzofuran	14.84	168	600211	31.45	ng	98
55) 4-Nitrophenol	14.65	139	226785	66.32	ng	98
56) 2,4-Dinitrotoluene	14.80	165	159743	35.22	ng	99
57) Fluorene	15.49	166	515318	30.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	125978	31.40	ng	# 77
59) Diethylphthalate	15.27	149	542926	30.12	ng	98
60) 4-Chlorophenyl-phenylether	15.49	204	255979	30.16	ng	96
61) 4-Nitroaniline	15.51	138	142698	30.52	ng	99
62) Azobenzene	15.78	77	643066	34.45	ng	97
64) 4,6-Dinitro-2-methylphenol	15.57	198	79252	31.93	ng	97
65) n-Nitrosodiphenylamine	15.70	169	449852	29.44	ng	98
66) 4-Bromophenyl-phenylether	16.38	248	150676	29.98	ng	95
67) Hexachlorobenzene	16.49	284	156188	29.47	ng	97
68) Atrazine	16.65	200	176759	32.14	ng	95
69) Pentachlorophenol	16.84	266	214518	62.35	ng	98
70) Phenanthrene	17.23	178	770242	29.90	ng	99
71) Anthracene	17.32	178	786992	30.28	ng	99
72) Carbazole	17.59	167	772674	31.27	ng	98
73) Di-n-butylphthalate	18.16	149	948003	29.59	ng	100
74) Fluoranthene	19.24	202	878691	29.40	ng	99
76) Benzidine	19.43	184	389143	23.14	ng	99
77) Pyrene	19.61	202	895168	30.64	ng	97
79) Butylbenzylphthalate	20.51	149	423451	30.50	ng	98
80) Benzo(a)anthracene	21.35	228	809706	30.49	ng	98
81) 3,3'-Dichlorobenzidine	21.28	252	275005	26.52	ng	97
82) Chrysene	21.40	228	752242	30.24	ng	98
83) Bis(2-ethylhexyl)phthalate	21.29	149	583862	30.74	ng	98
84) Di-n-octyl phthalate	22.19	149	1023825	32.09	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.04	276	875427	29.54	ng	# 100
87) Benzo(b)fluoranthene	22.98	252	842580	31.39	ng	98
88) Benzo(k)fluoranthene	23.02	252	773155	29.94	ng	99
89) Benzo(a)pyrene	23.57	252	783465	31.30	ng	96
90) Dibenzo(a,h)anthracene	26.06	278	738773	28.90	ng	98
91) Benzo(g,h,i)perylene	26.76	276	714472	29.35	ng	96

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

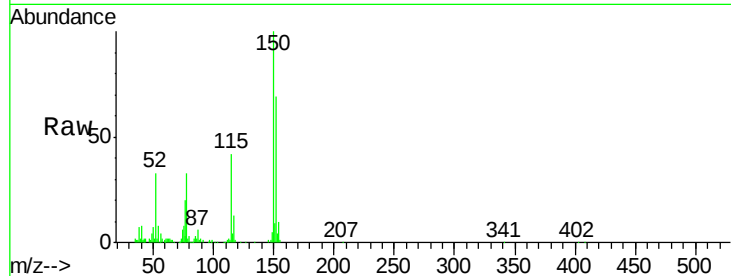


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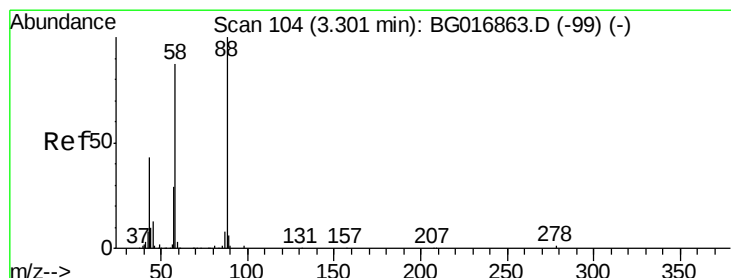
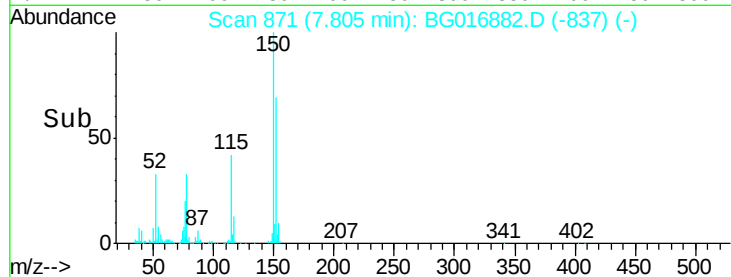
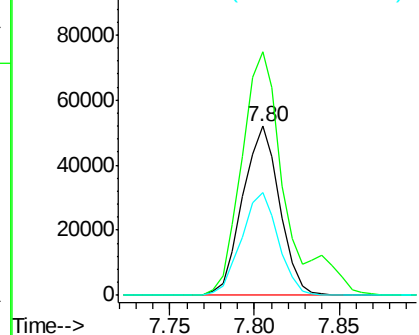
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

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

Tgt Ion:152 Resp: 79349
Ion Ratio Lower Upper
152 100
150 144.0 121.0 181.4
115 60.8 50.5 75.7



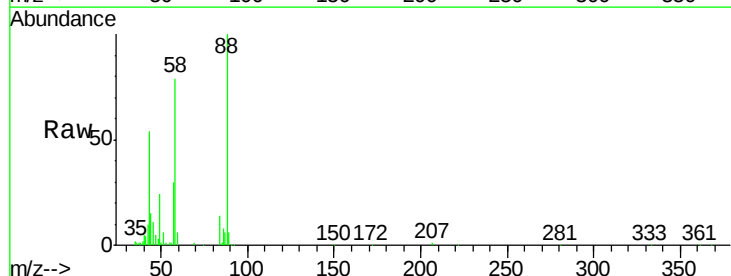
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



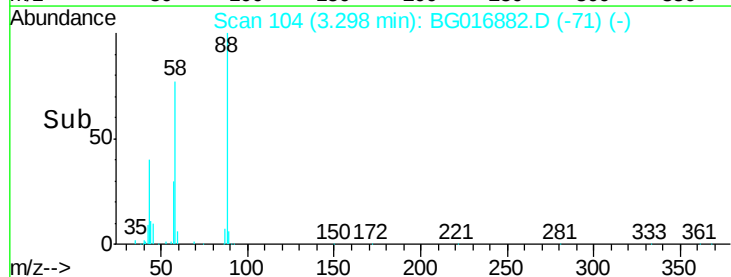
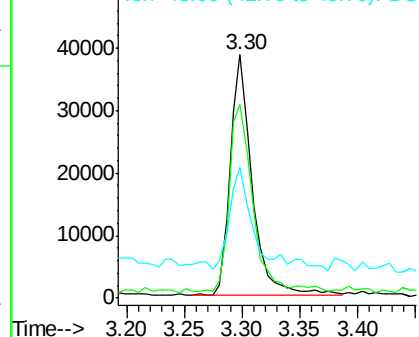
#2

1,4-Dioxane
Concen: 26.49 ng
RT: 3.30 min Scan# 104
Delta R.T. -0.01 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion: 88 Resp: 50600
Ion Ratio Lower Upper
88 100
58 81.0 0.1 0.1#
43 49.7 1.3 1.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 24.79 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

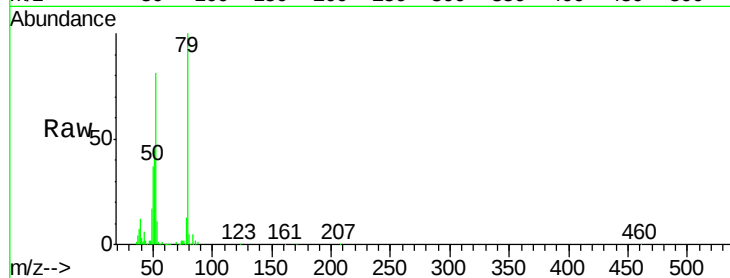
Tgt Ion: 79 Resp: 146339

Ion Ratio Lower Upper

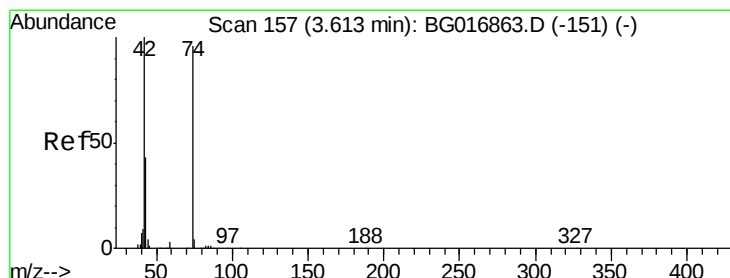
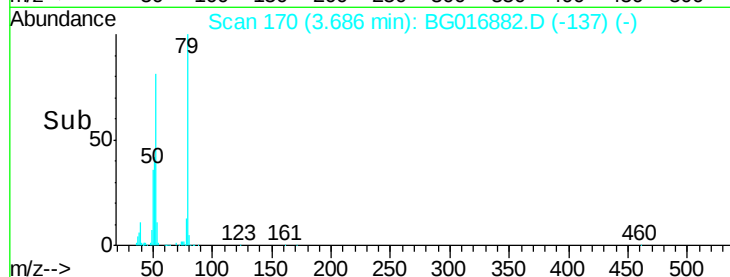
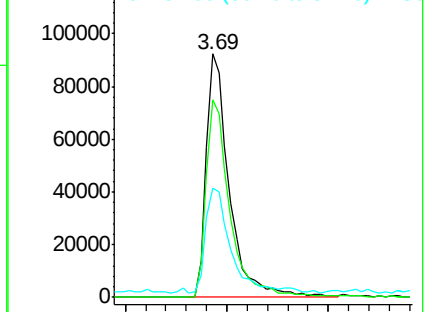
79 100

52 81.1 68.5 102.7

51 44.8 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 30.15 ng

RT: 3.61 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

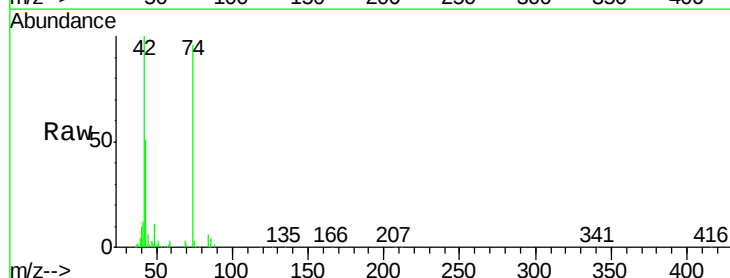
Tgt Ion: 42 Resp: 106259

Ion Ratio Lower Upper

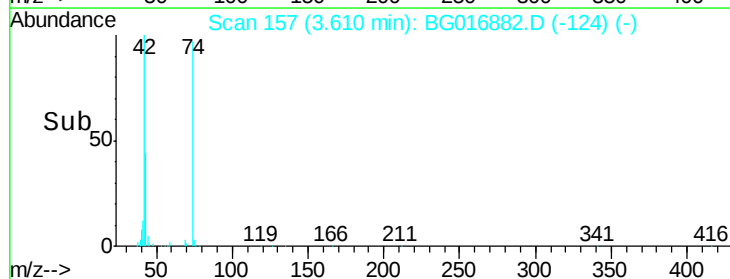
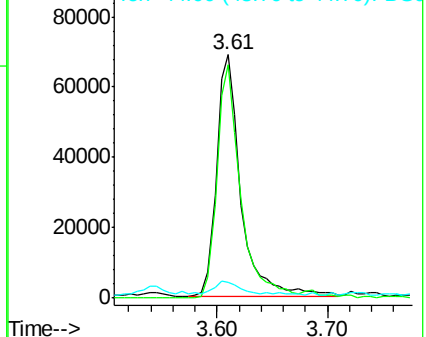
42 100

74 95.7 76.2 114.2

44 6.4 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: 107.25 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

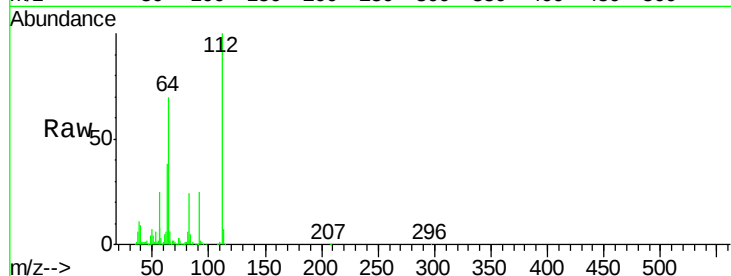
Tgt Ion: 112 Resp: 488753

Ion Ratio Lower Upper

112 100

64 69.7 51.4 77.2

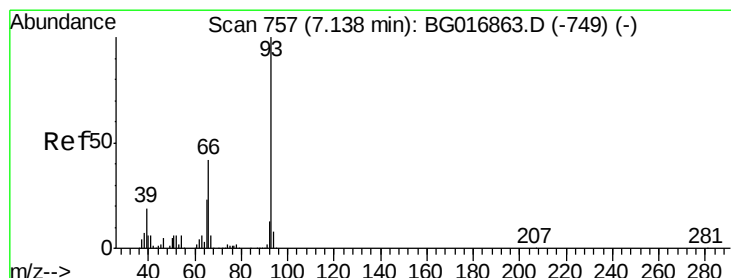
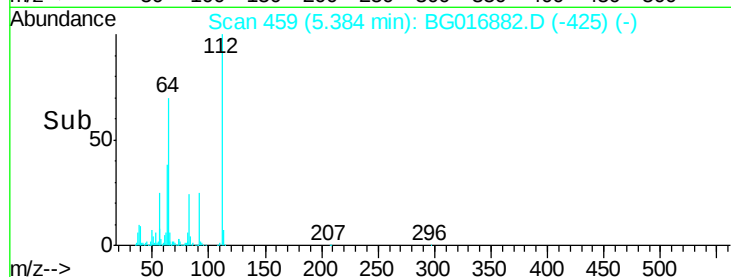
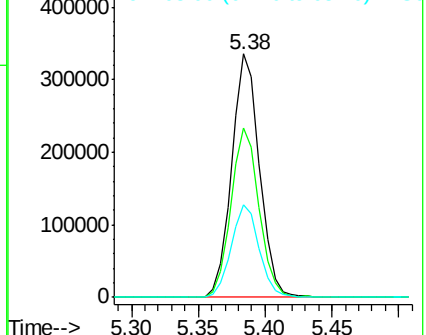
63 38.2 28.1 42.1



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: 22.02 ng

RT: 7.13 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

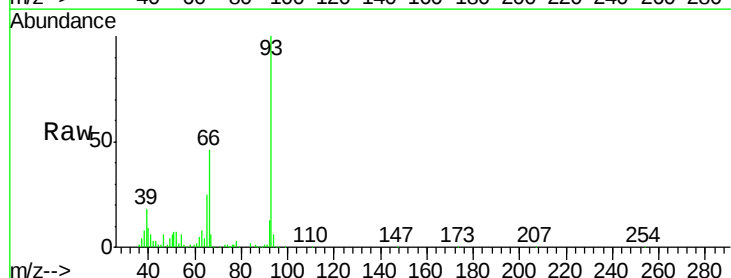
Tgt Ion: 93 Resp: 201343

Ion Ratio Lower Upper

93 100

66 45.7 33.8 50.6

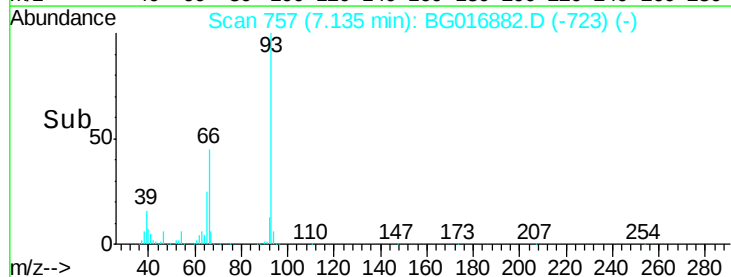
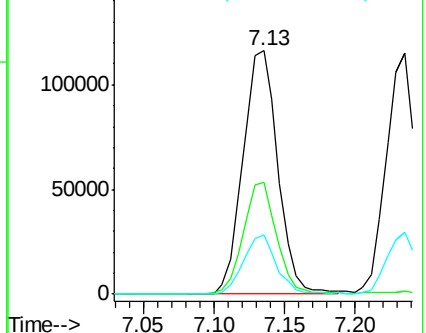
65 24.6 18.7 28.1

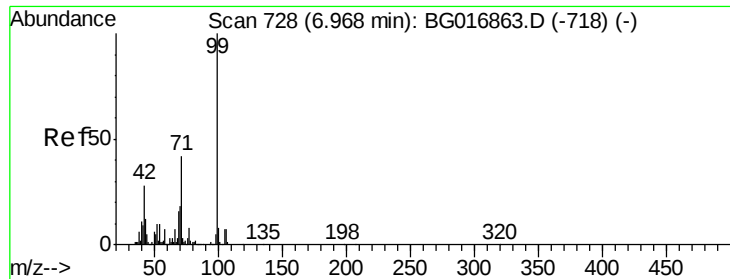


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.89 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

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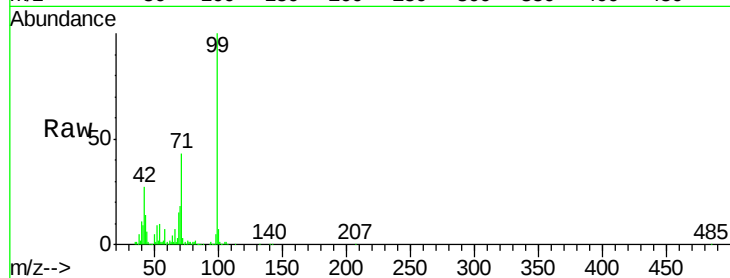
Tgt Ion: 99 Resp: 695905

Ion Ratio Lower Upper

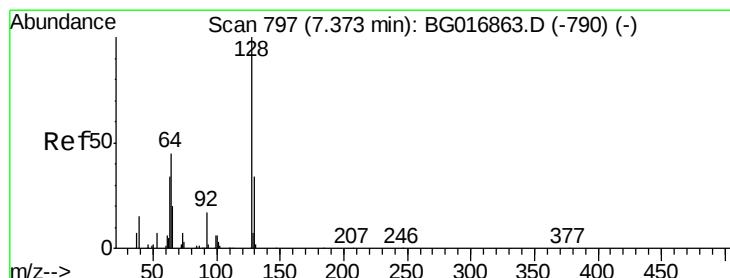
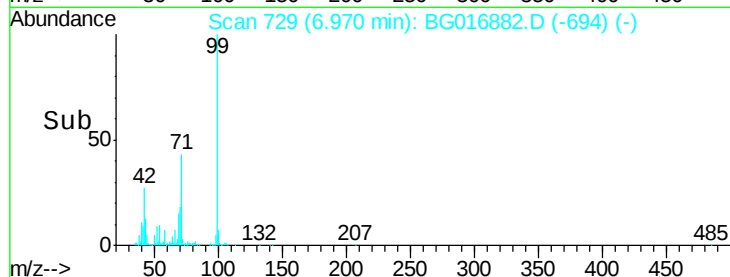
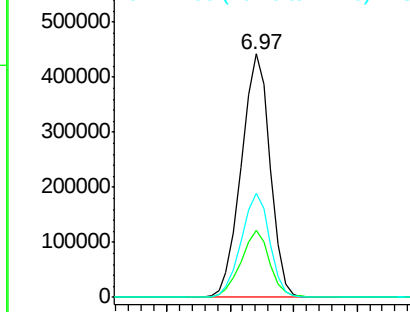
99 100

42 27.5 22.1 33.1

71 42.6 33.4 50.0



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



#8

2-Chlorophenol

Concen: 32.42 ng

RT: 7.36 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

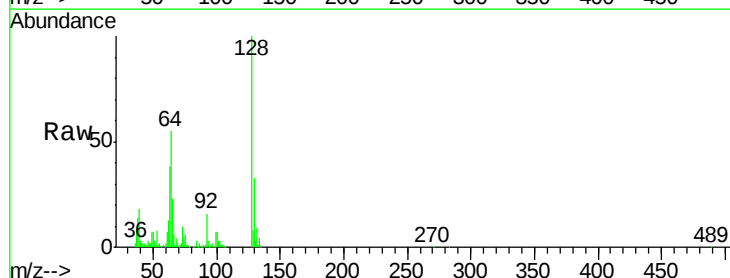
Tgt Ion: 128 Resp: 171171

Ion Ratio Lower Upper

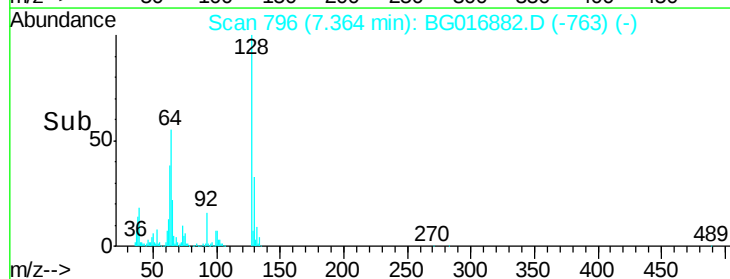
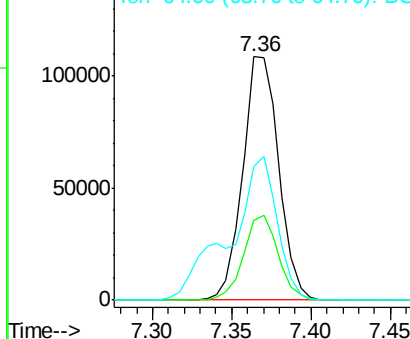
128 100

130 33.0 14.4 54.4

64 54.6 38.4 78.4



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





#9

Benzaldehyde

Concen: 14.23 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

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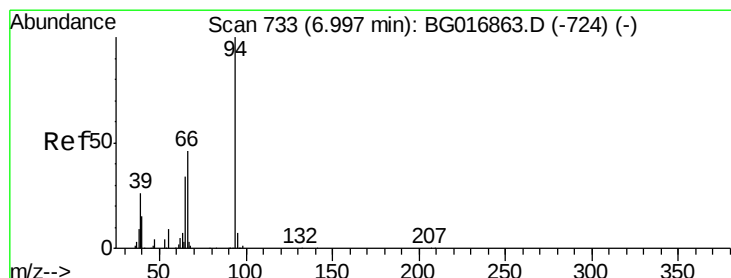
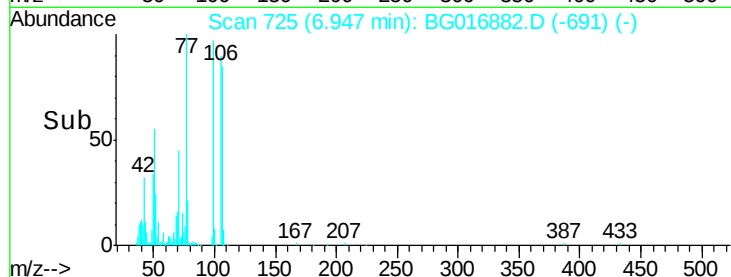
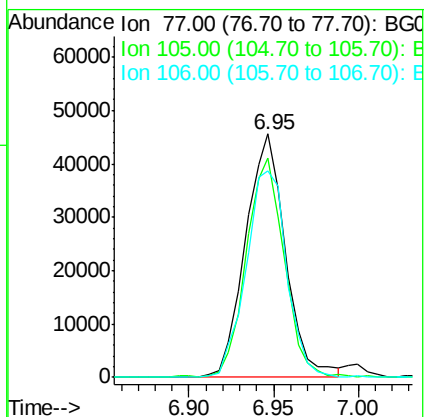
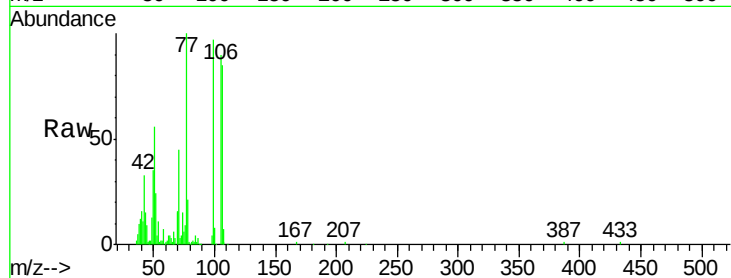
Tgt Ion: 77 Resp: 74895

Ion Ratio Lower Upper

77 100

105 90.1 71.6 111.6

106 84.8 71.5 111.5



#10

Phenol

Concen: 35.87 ng

RT: 7.00 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

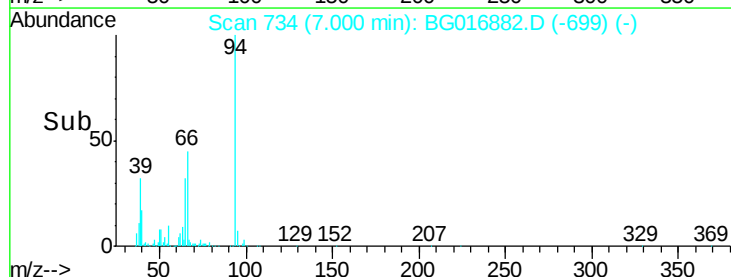
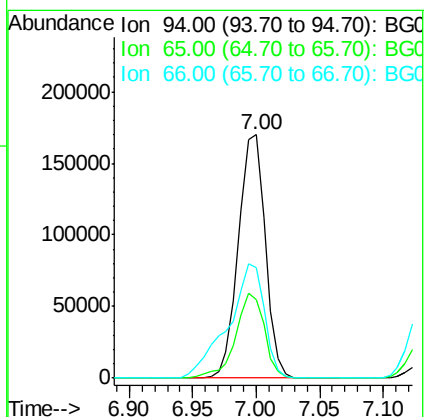
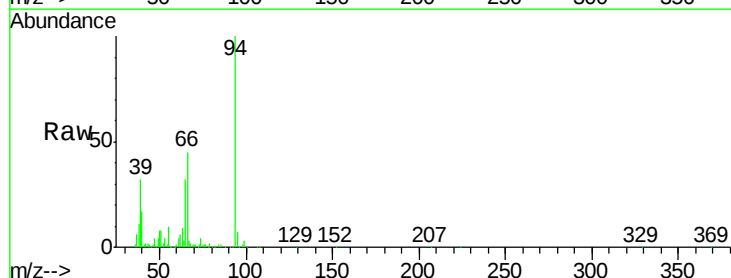
Tgt Ion: 94 Resp: 250436

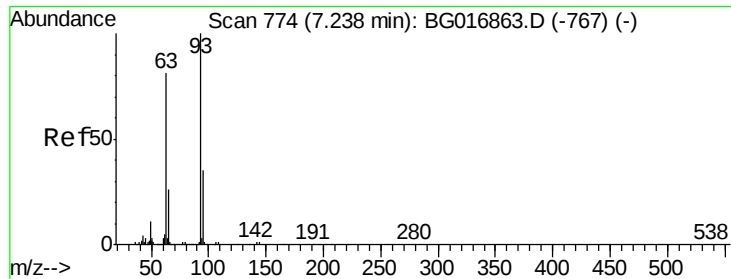
Ion Ratio Lower Upper

94 100

65 32.1 14.3 54.3

66 45.1 26.9 66.9

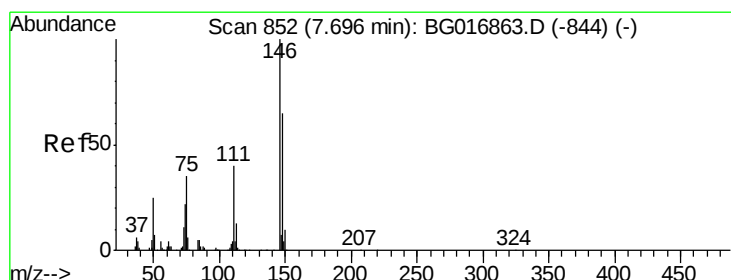
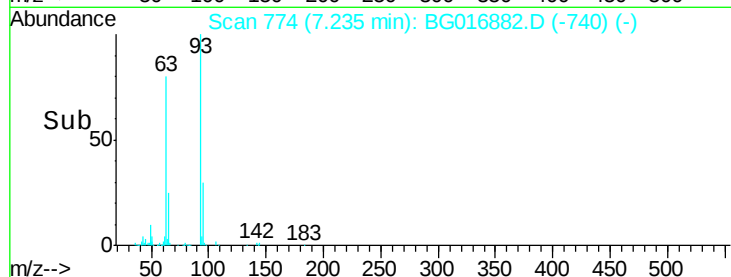
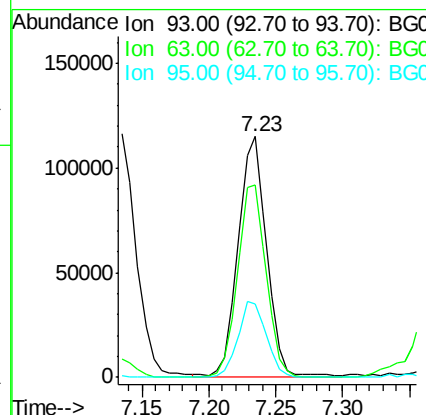
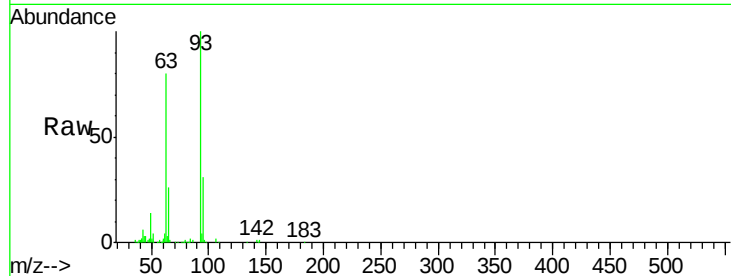




#11
bis(2-Chloroethyl)ether
Concen: 31.72 ng
RT: 7.23 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

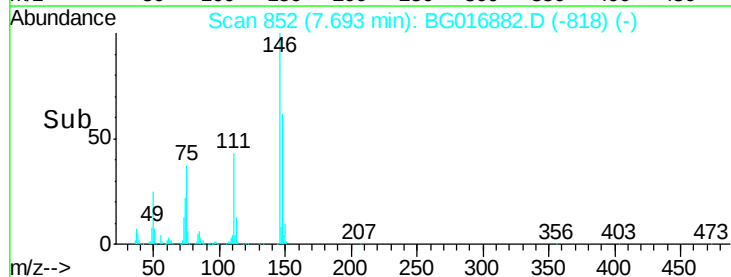
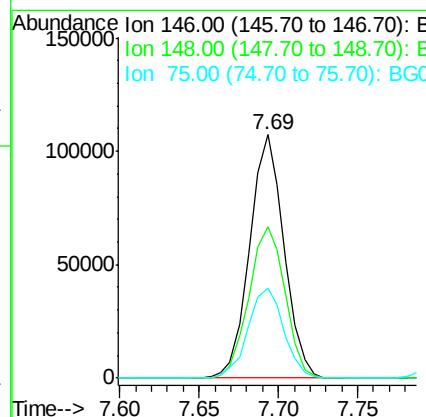
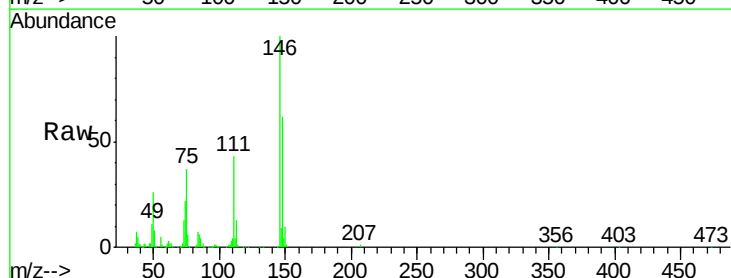
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.0	61.2	101.2
95	30.7	15.0	55.0



#12
1,3-Dichlorobenzene
Concen: 27.66 ng
RT: 7.69 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.9	77.9
75	37.1	28.2	42.2

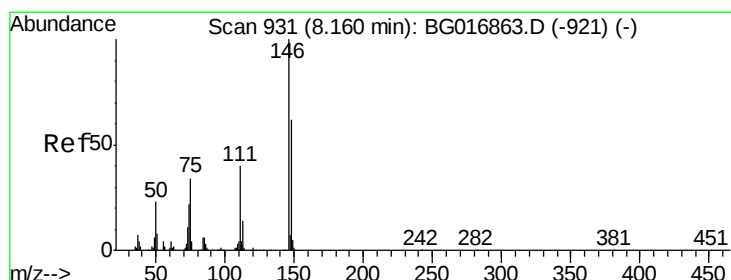
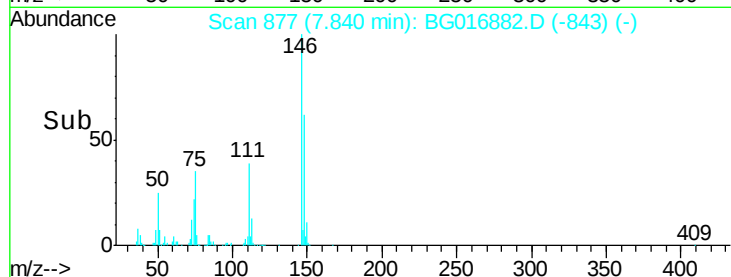
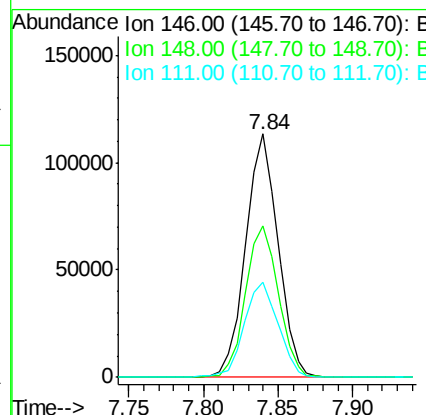
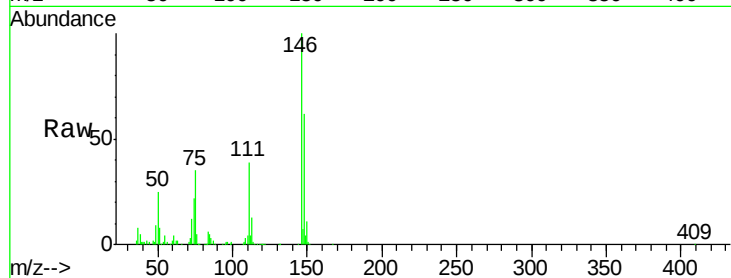




#13
 1,4-Dichlorobenzene
 Concen: 28.81 ng
 RT: 7.84 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

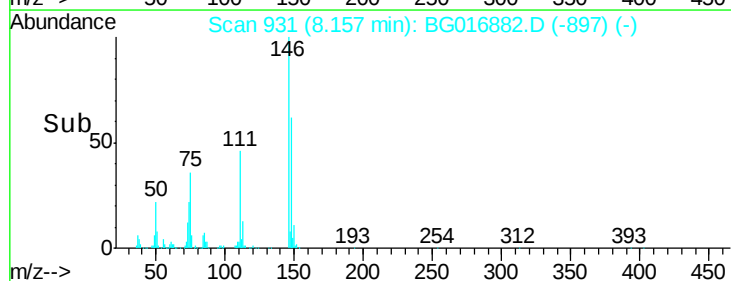
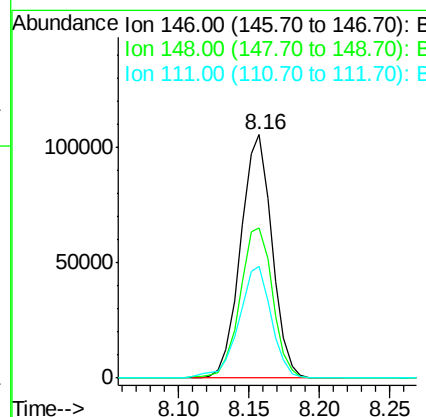
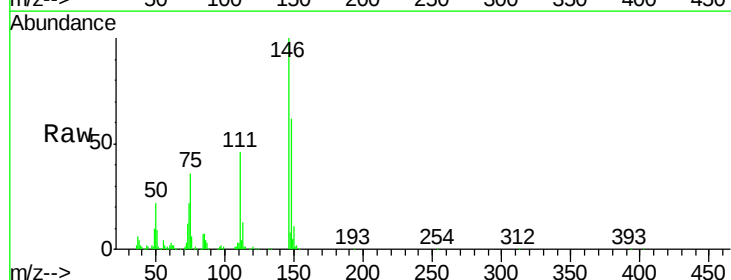
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MSD

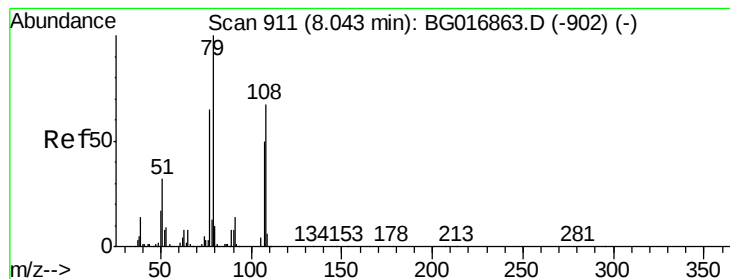
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.8	79.2
111	39.2	33.9	50.9



#14
 1,2-Dichlorobenzene
 Concen: 28.85 ng
 RT: 8.16 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.9	74.9
111	45.8	32.1	48.1





#15

Benzyl Alcohol

Concen: 30.78 ng

RT: 8.04 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

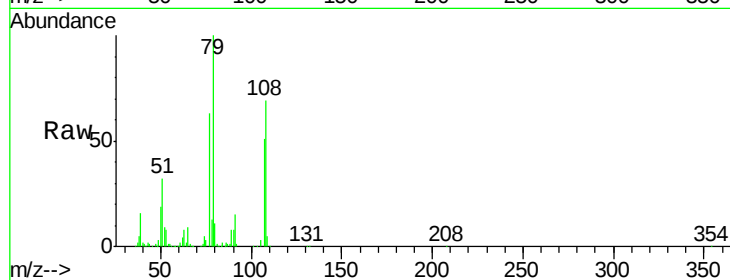
Tgt Ion: 79 Resp: 183034

Ion Ratio Lower Upper

79 100

108 68.6 53.4 80.2

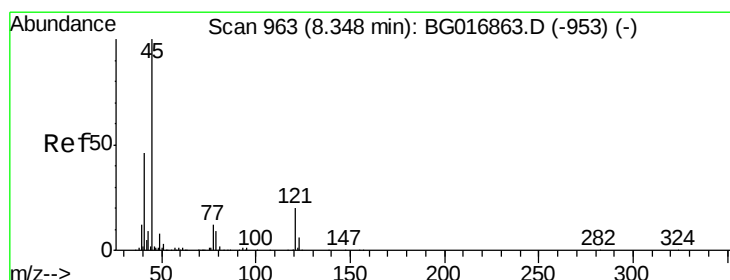
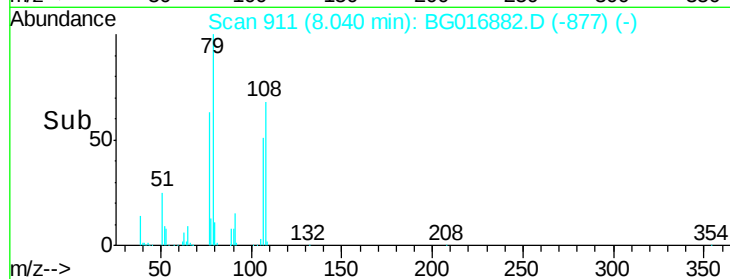
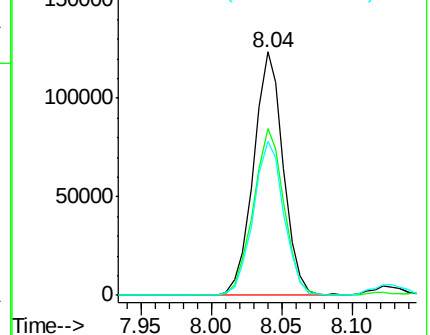
77 63.2 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.01 ng

RT: 8.34 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

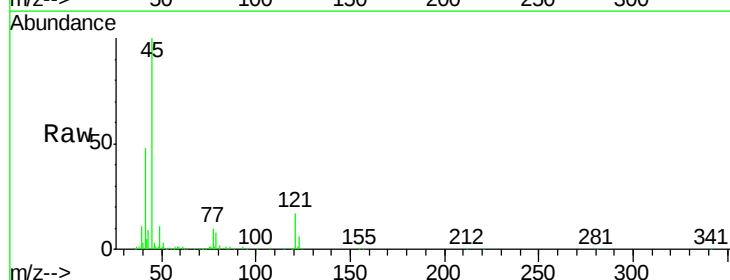
Tgt Ion: 45 Resp: 309910

Ion Ratio Lower Upper

45 100

77 10.3 0.0 31.8

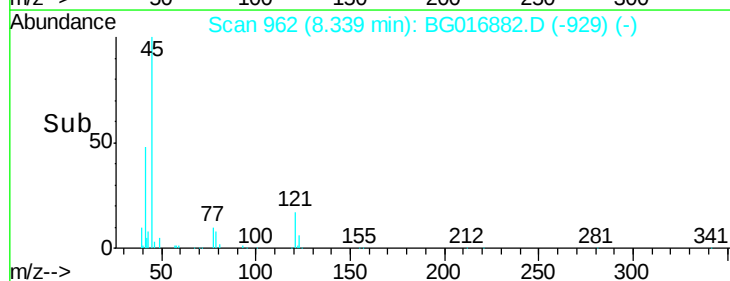
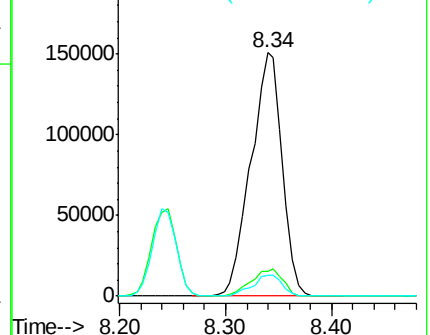
79 8.4 0.0 29.1

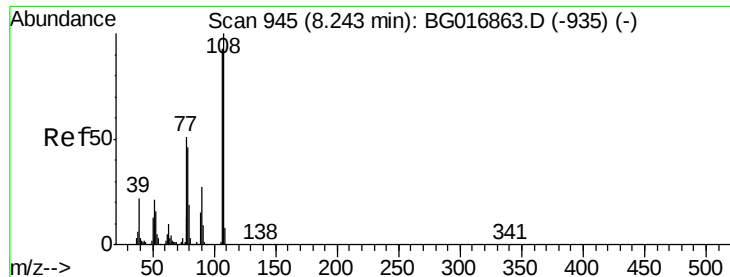


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

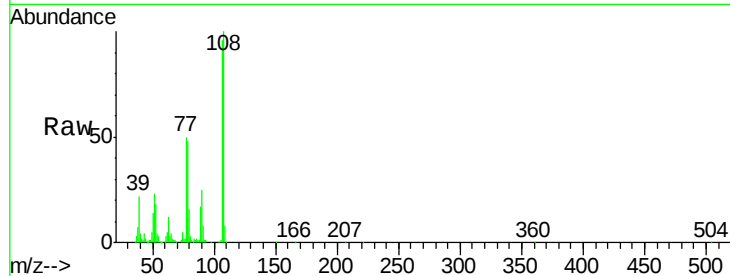




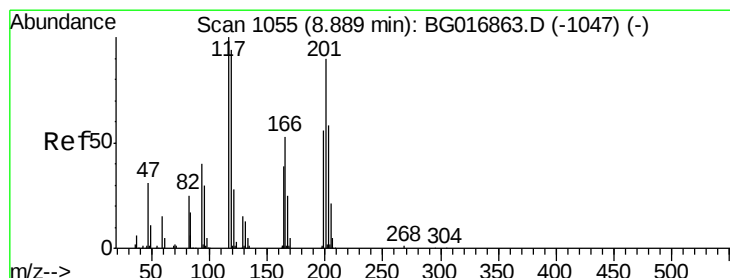
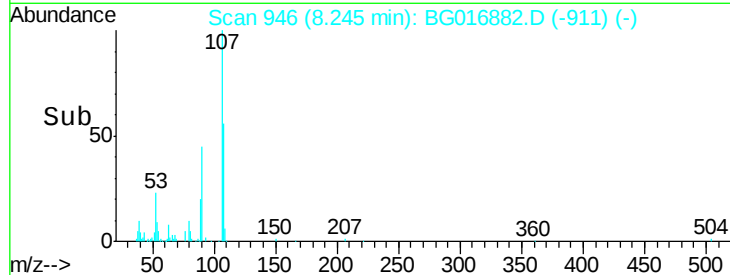
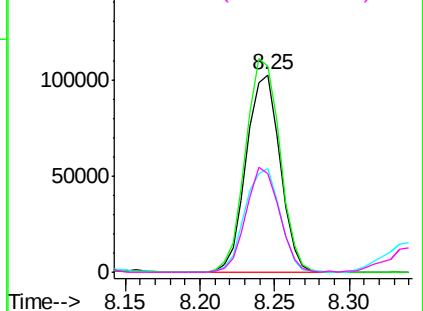
#17
 2-Methylphenol
 Concen: 32.61 ng
 RT: 8.25 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

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

Tgt Ion:	107	Resp:	160315
Ion	Ratio	Lower	Upper
107	100		
108	104.4	85.9	128.9
77	52.6	43.8	65.6
79	50.3	39.8	59.6

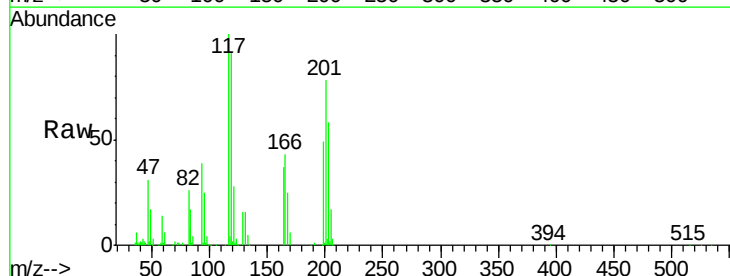


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

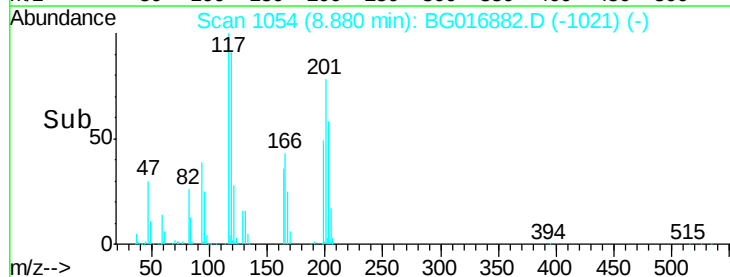
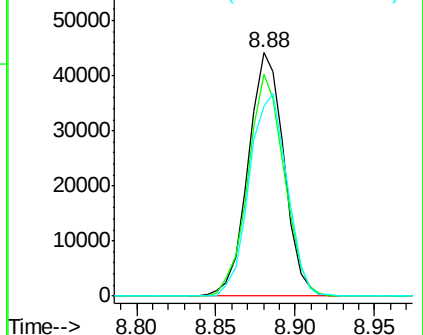


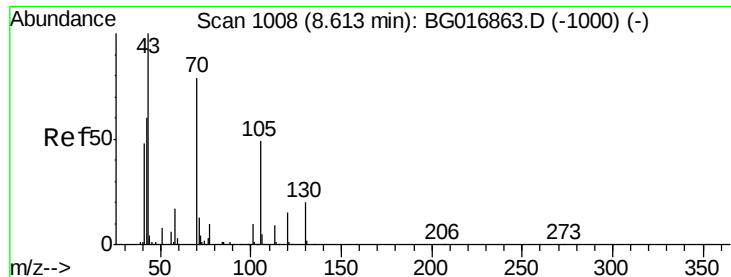
#18
 Hexachloroethane
 Concen: 28.50 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion:	117	Resp:	69069
Ion	Ratio	Lower	Upper
117	100		
119	91.2	74.8	112.2
201	77.9	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

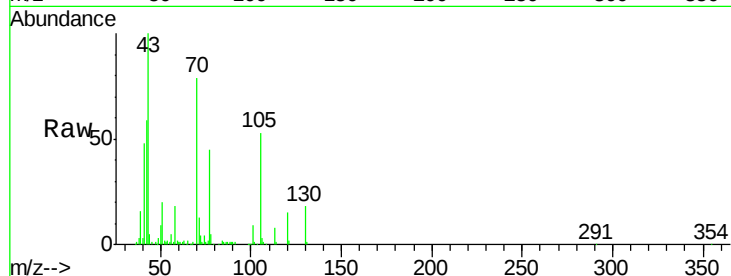




#19
n-Nitroso-di-n-propylamine
Concen: 28.36 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

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

Tgt Ion:	70	Resp:	161917
Ion	Ratio	Lower	Upper
70	100		
42	74.6	61.5	92.3
101	10.9	9.8	14.6
130	22.6	20.2	30.4



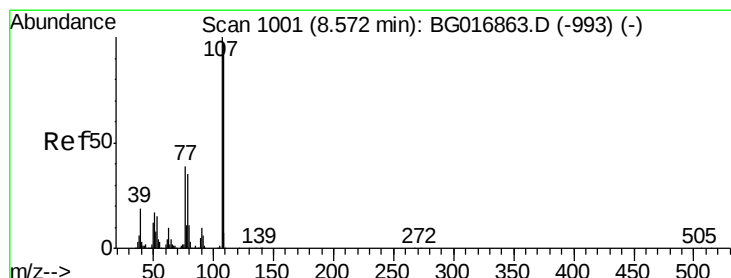
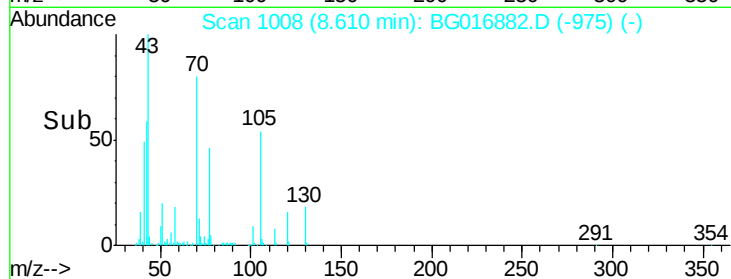
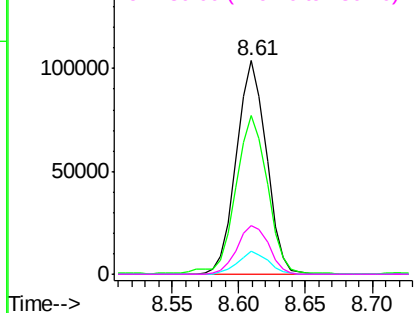
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

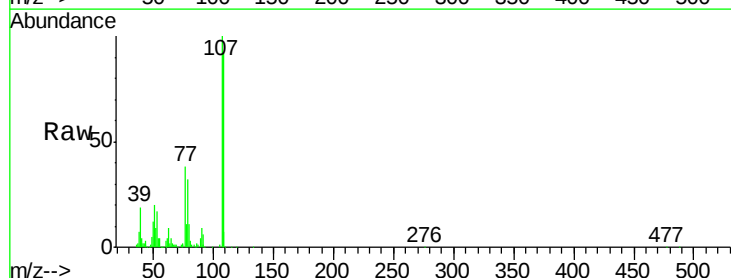
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 32.06 ng
RT: 8.57 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion:	107	Resp:	217202
Ion	Ratio	Lower	Upper
107	100		
108	91.9	76.6	116.6
77	38.1	19.0	59.0
79	32.2	15.0	55.0



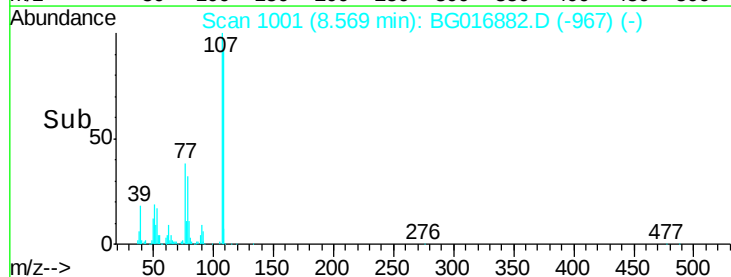
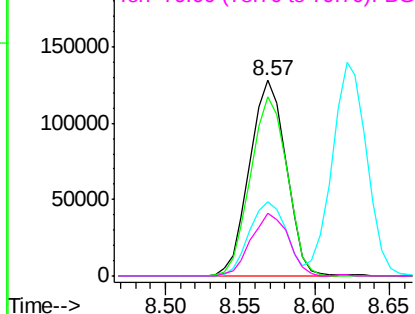
Abundance

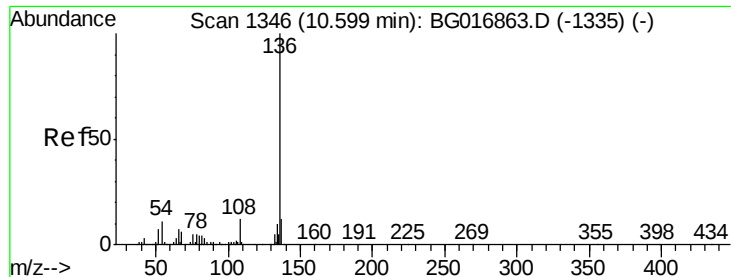
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

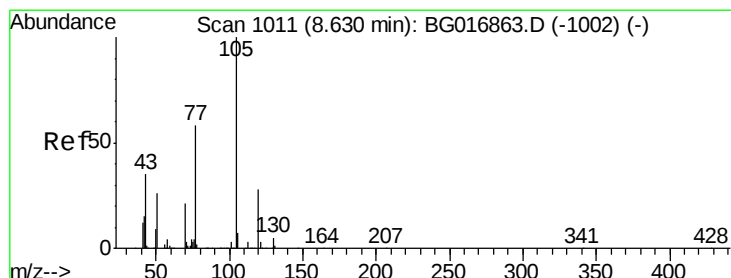
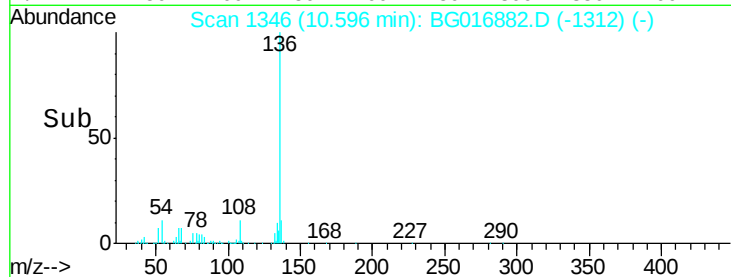
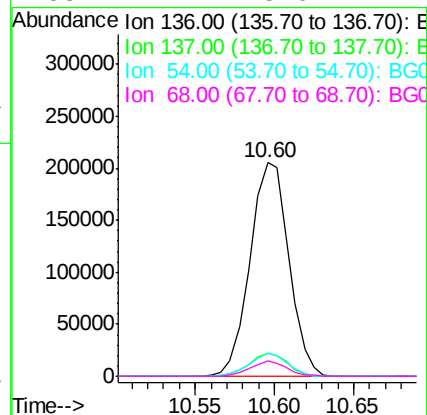
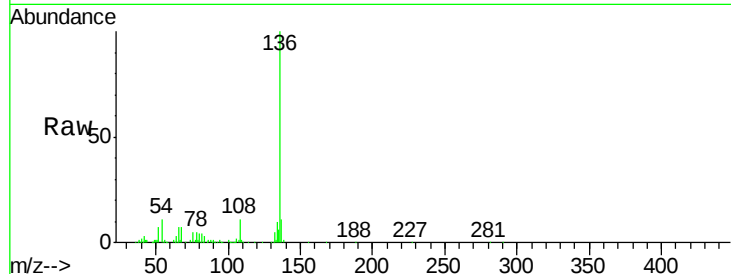




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

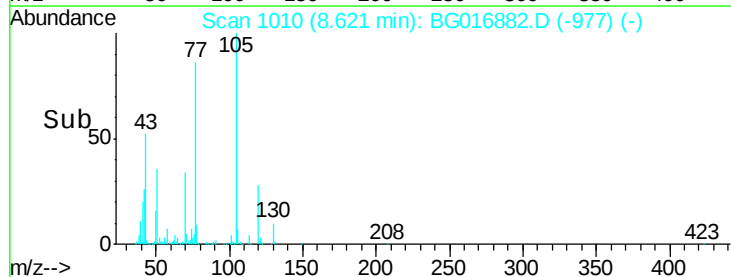
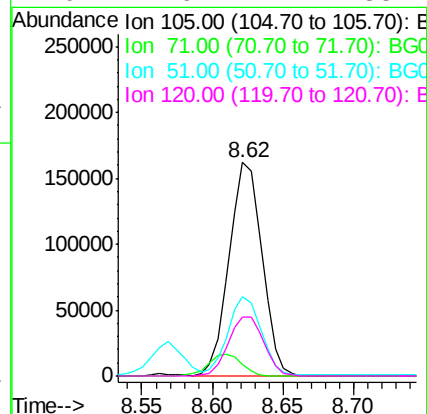
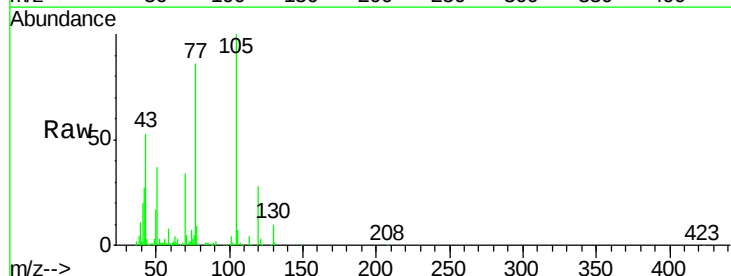
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MSD

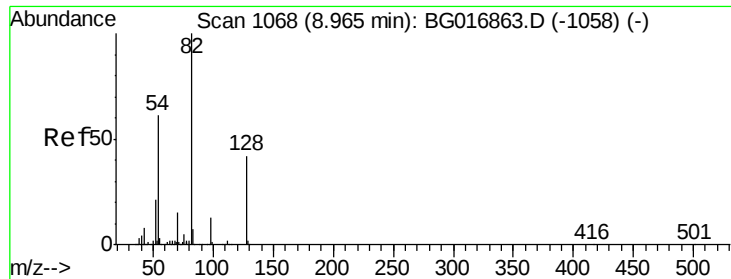
Tgt Ion:	136	Resp:	349619
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.8
54	10.9	8.7	13.1
68	7.1	5.0	7.4



#22
Acetophenone
Concen: 31.67 ng
RT: 8.62 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion:	105	Resp:	263718
Ion	Ratio	Lower	Upper
105	100		
71	5.4	2.8	4.2#
51	36.9	29.4	44.2
120	27.6	22.2	33.4

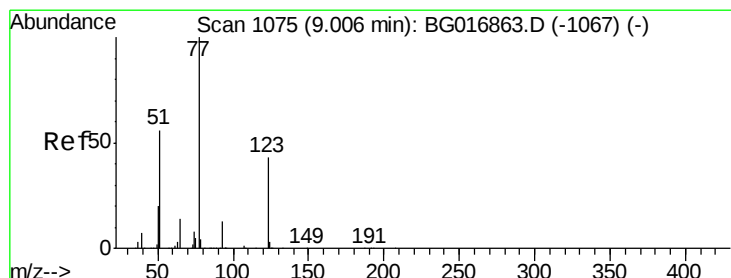
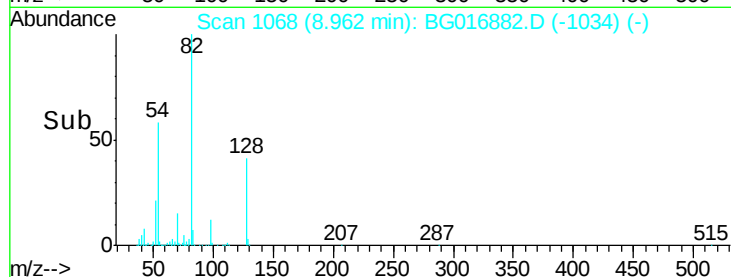
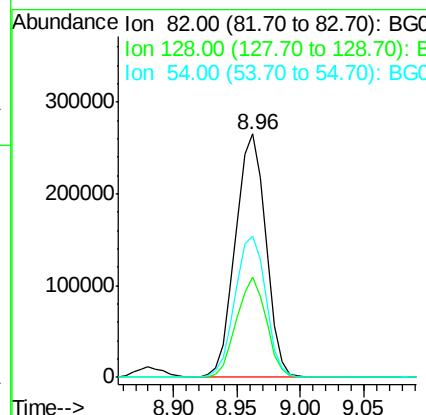
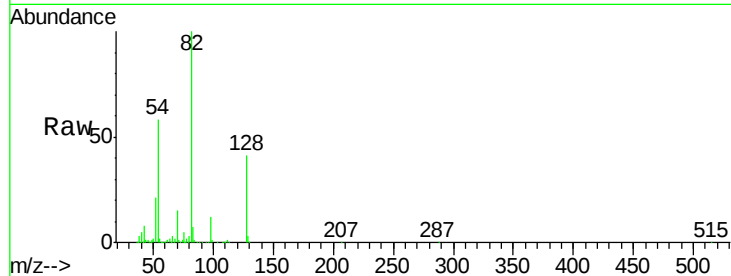




#23
 Nitrobenzene-d5
 Concen: 61.55 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

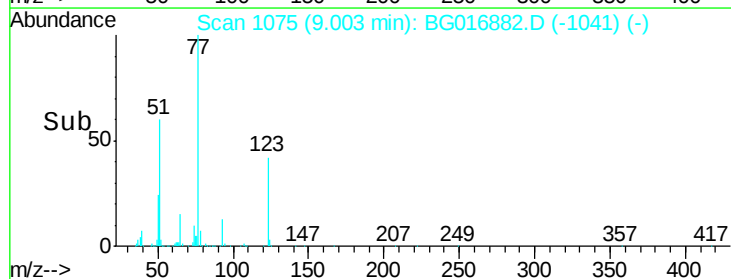
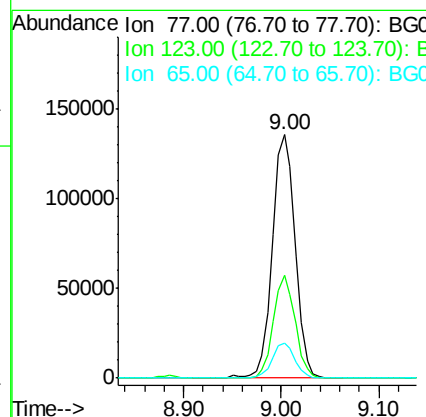
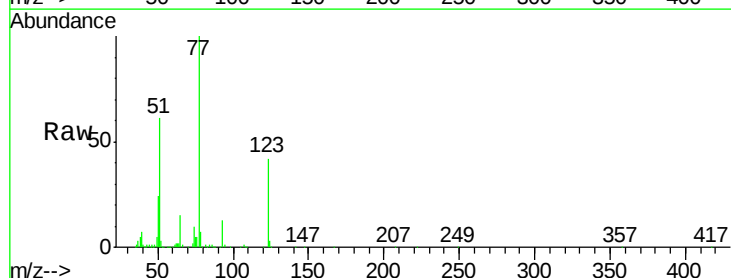
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MSD

Tgt Ion: 82 Resp: 440512
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.2 49.8
 54 57.9 48.6 72.8



#24
 Nitrobenzene
 Concen: 30.75 ng
 RT: 9.00 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion: 77 Resp: 222268
 Ion Ratio Lower Upper
 77 100
 123 42.1 34.0 51.0
 65 14.6 11.2 16.8





#25

Isophorone

Concen: 29.28 ng

RT: 9.53 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

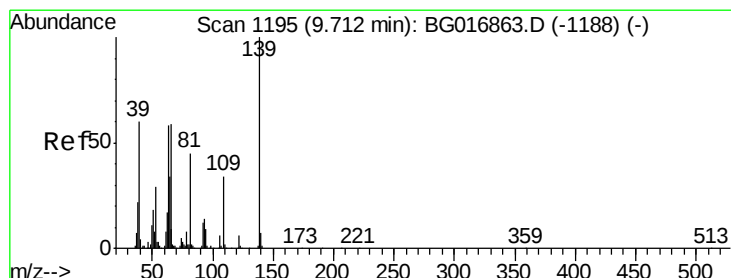
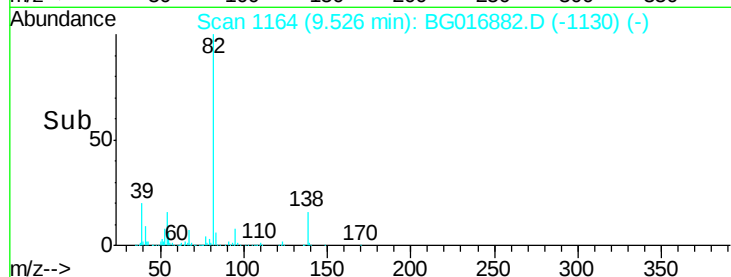
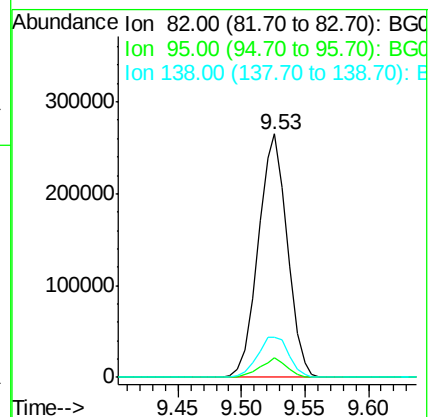
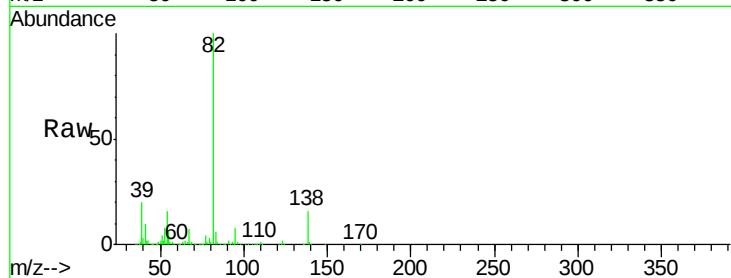
Tgt Ion: 82 Resp: 423068

Ion Ratio Lower Upper

82 100

95 7.9 6.7 10.1

138 16.2 14.7 22.1



#26

2-Nitrophenol

Concen: 30.60 ng

RT: 9.71 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

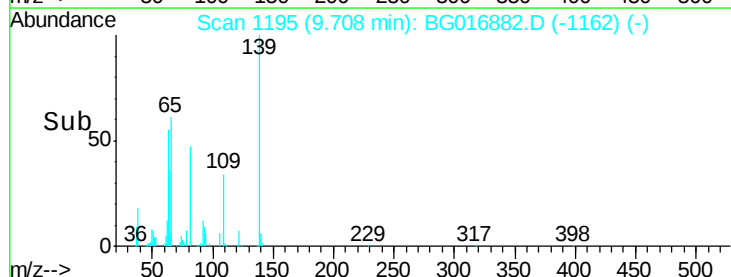
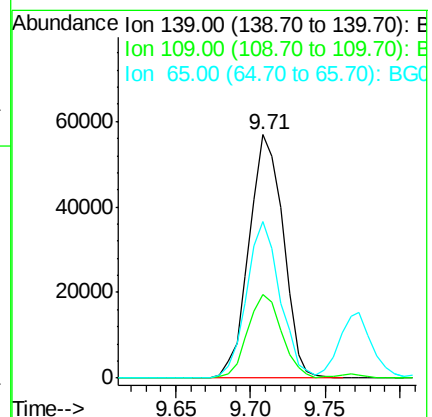
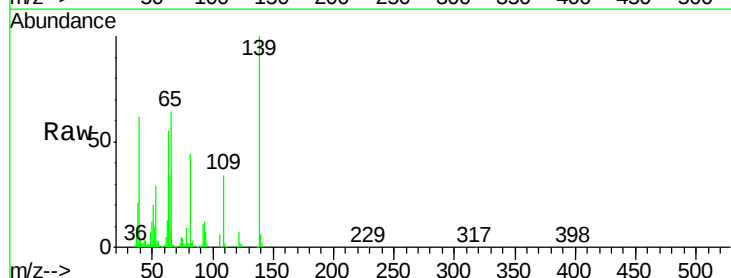
Tgt Ion: 139 Resp: 90035

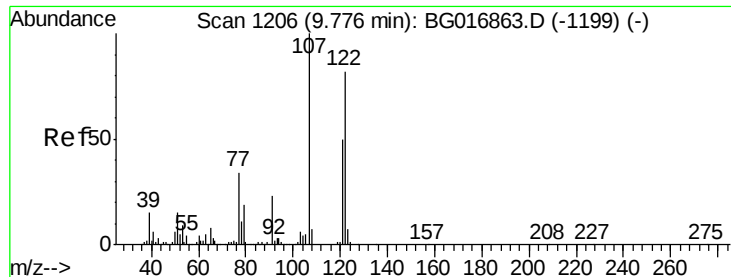
Ion Ratio Lower Upper

139 100

109 34.2 27.4 41.2

65 64.4 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 33.15 ng

RT: 9.77 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

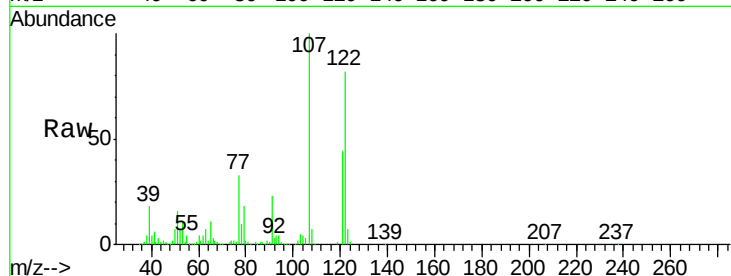
Tgt Ion:122 Resp: 176526

Ion Ratio Lower Upper

122 100

107 122.3 97.6 146.4

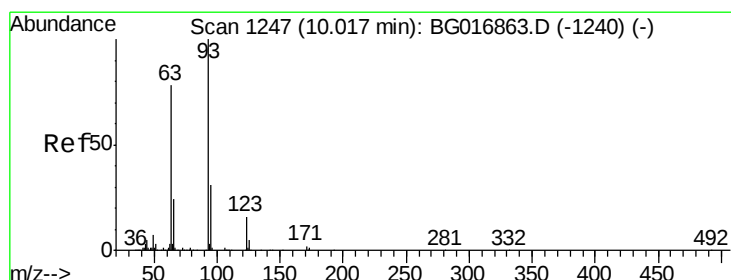
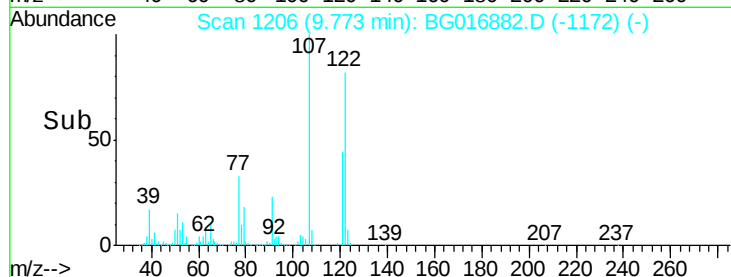
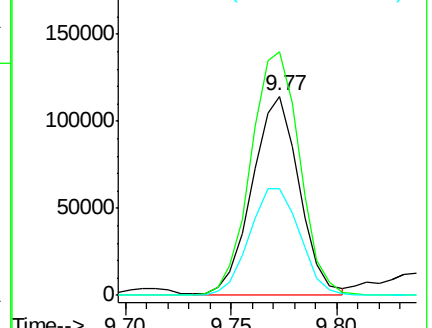
121 53.7 48.4 72.6



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: 31.31 ng

RT: 10.01 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

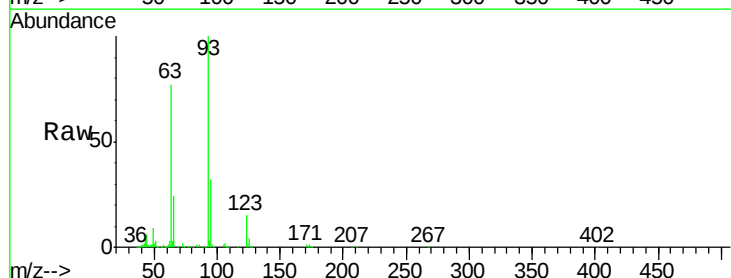
Tgt Ion: 93 Resp: 228407

Ion Ratio Lower Upper

93 100

95 31.7 24.8 37.2

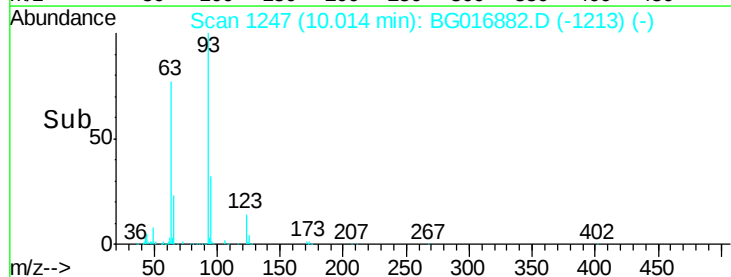
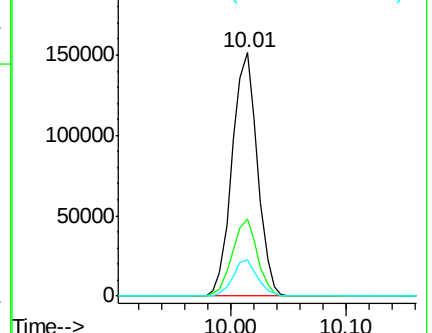
123 14.8 12.6 19.0

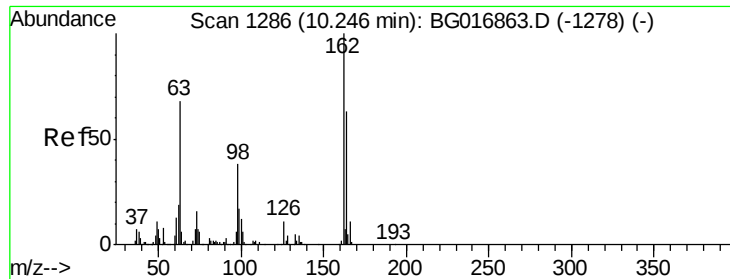


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

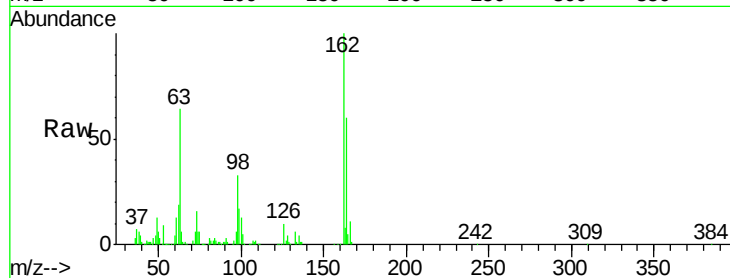




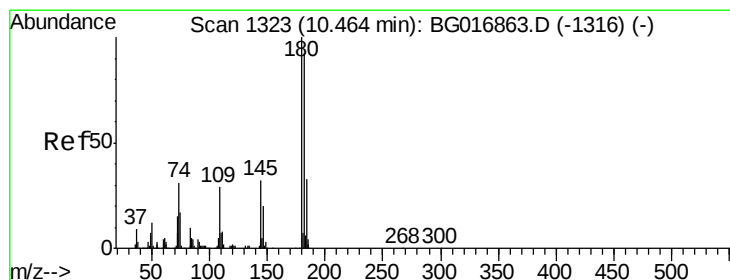
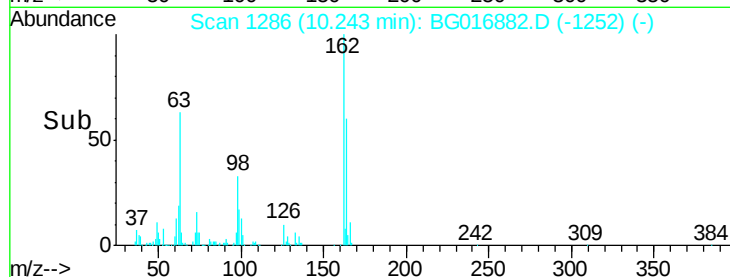
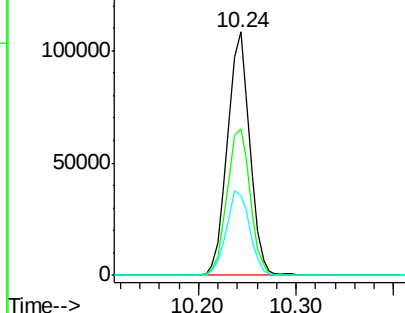
#29
2,4-Dichlorophenol
Concen: 34.17 ng
RT: 10.24 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.4	42.9	82.9
98	32.9	18.4	58.4

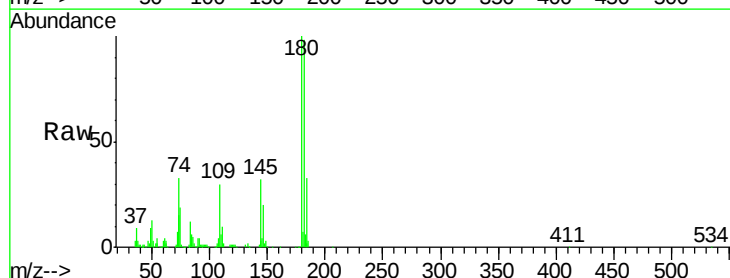


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

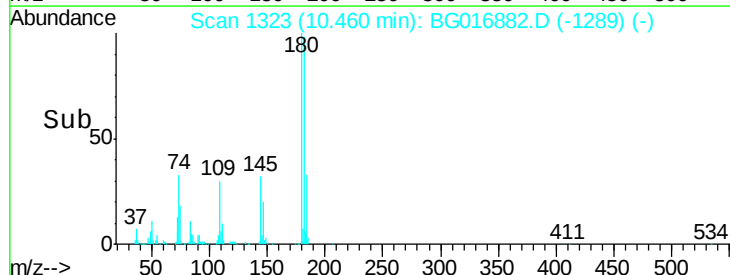
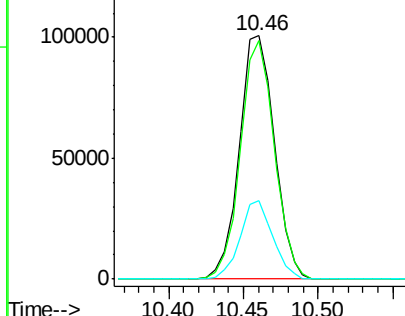


#30
1,2,4-Trichlorobenzene
Concen: 30.76 ng
RT: 10.46 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	73.8	110.8
145	32.4	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

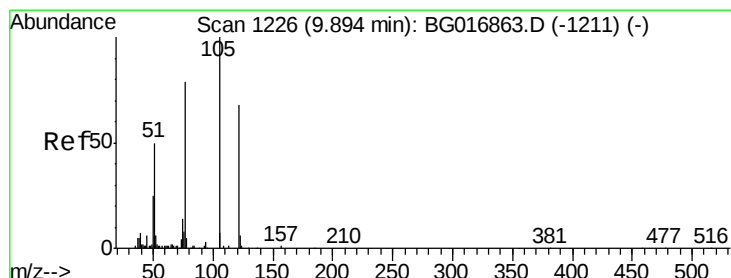
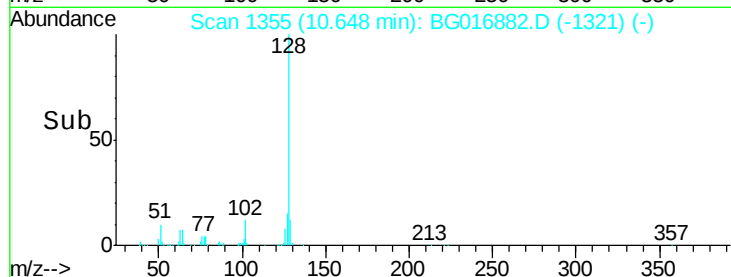
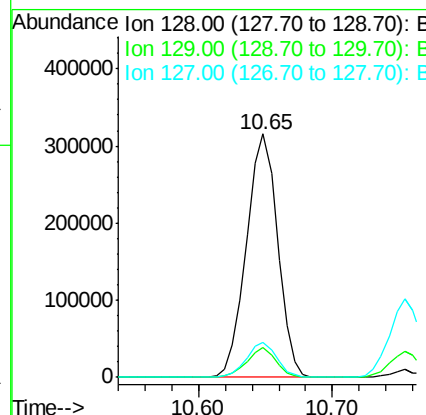
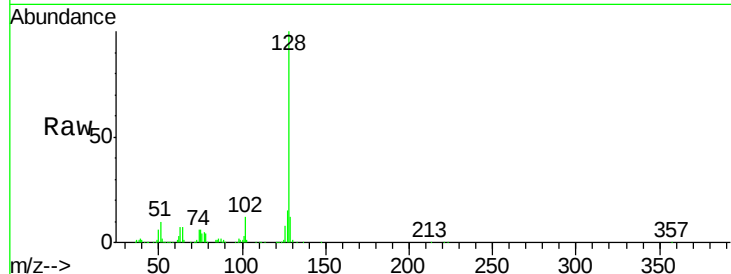




#31
Naphthalene
Concen: 29.24 ng
RT: 10.65 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

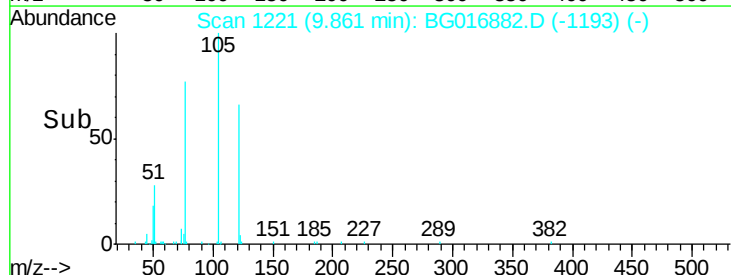
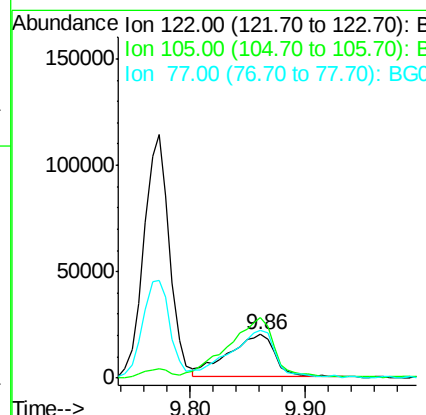
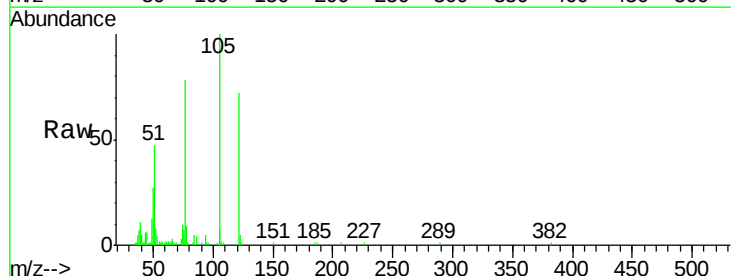
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MSD

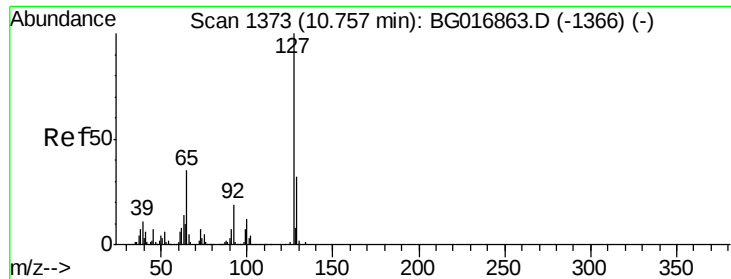
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	14.6	10.9	16.3



#32
Benzoic acid
Concen: 21.20 ng
RT: 9.86 min Scan# 1221
Delta R.T. -0.04 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.1	123.2	163.2
77	108.7	93.0	133.0

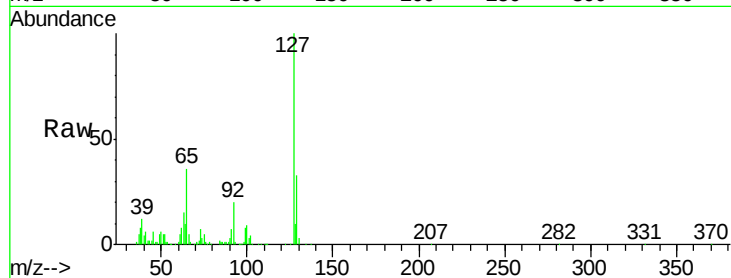




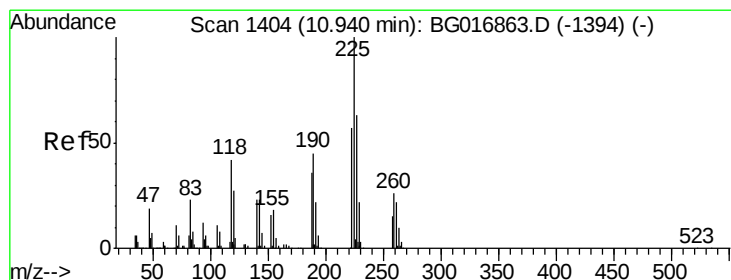
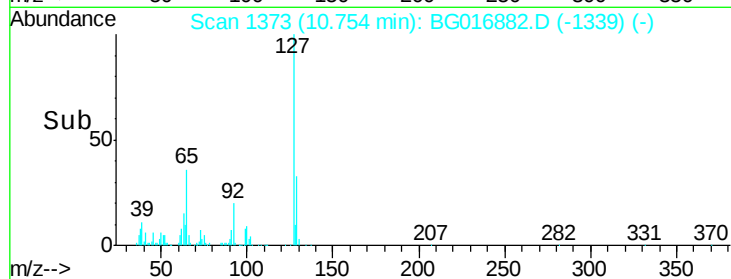
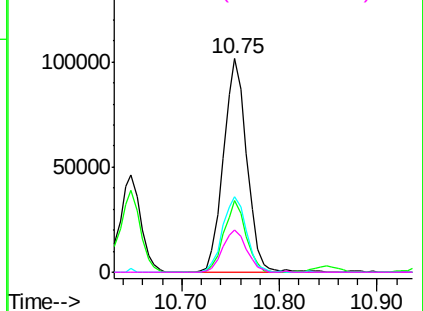
#33
4-Chloroaniline
Concen: 20.99 ng
RT: 10.75 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

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

Tgt Ion:	127	Resp:	168540
Ion Ratio		Lower	Upper
127	100		
129	33.4	25.8	38.6
65	35.5	28.2	42.2
92	19.7	15.6	23.4

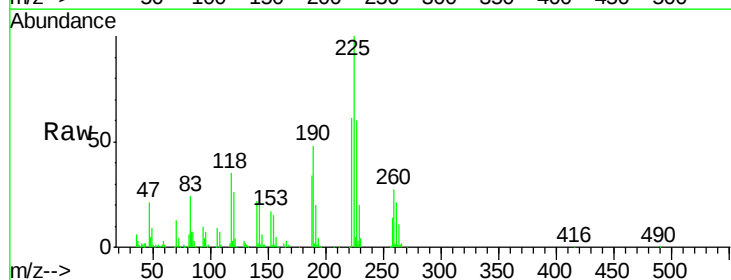


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

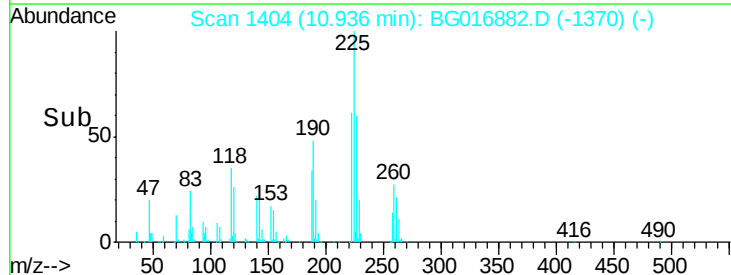
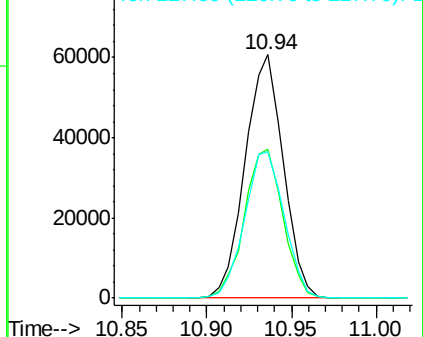


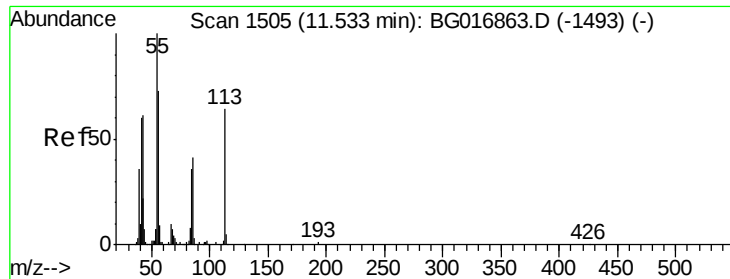
#34
Hexachlorobutadiene
Concen: 28.60 ng
RT: 10.94 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion:	225	Resp:	95507
Ion Ratio		Lower	Upper
225	100		
223	60.9	45.8	68.6
227	60.0	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

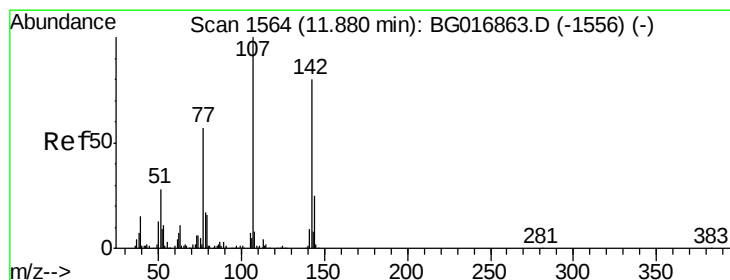
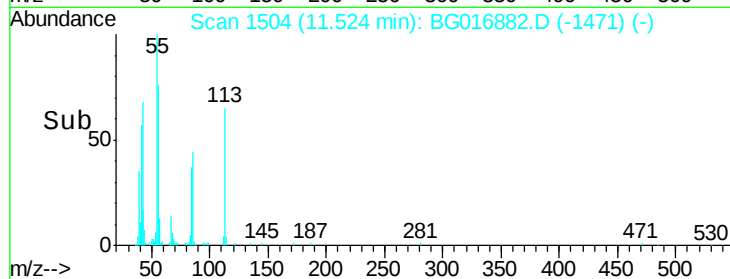
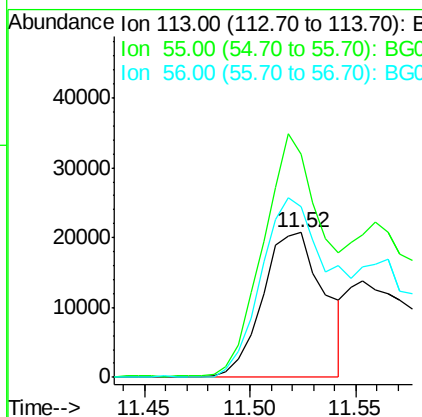
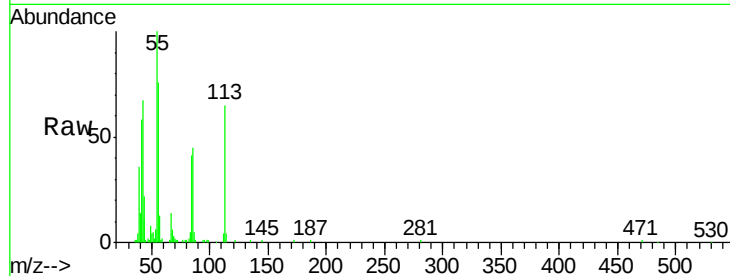




#35
 Caprolactam
 Concen: 16.10 ng
 RT: 11.52 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

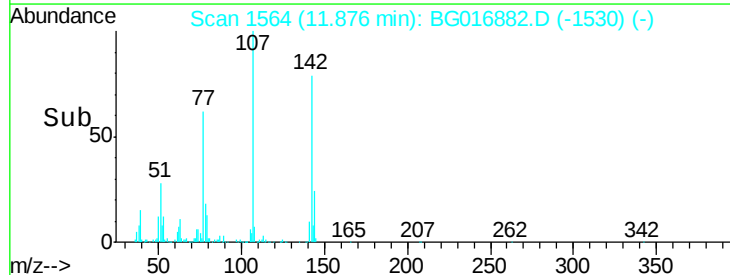
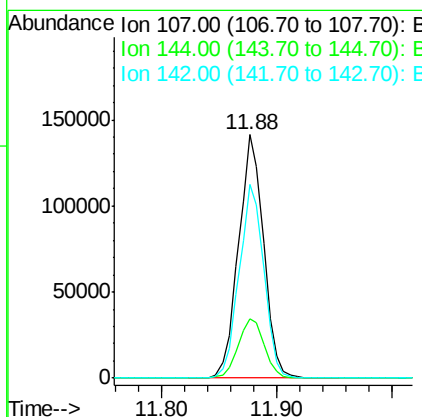
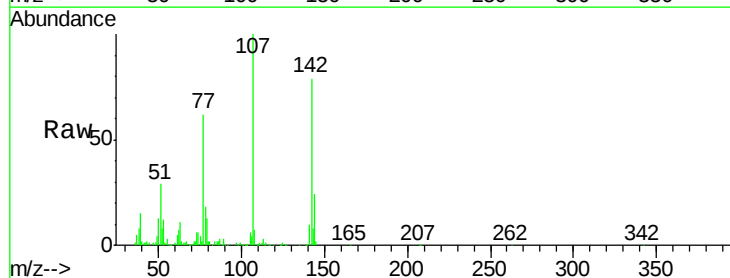
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MSD

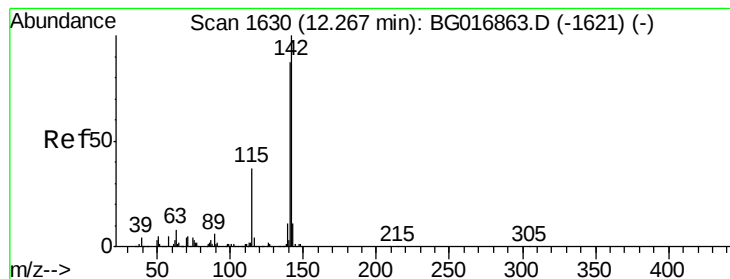
Tgt Ion:113 Resp: 42076
 Ion Ratio Lower Upper
 113 100
 55 154.7 137.1 177.1
 56 118.1 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 32.98 ng
 RT: 11.88 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion:107 Resp: 212490
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.2 30.2
 142 79.4 64.2 96.2





#37

2-Methylnaphthalene

Concen: 30.09 ng

RT: 12.26 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

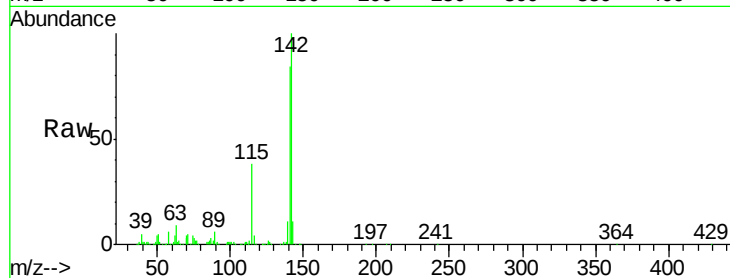
Tgt Ion:142 Resp: 398521

Ion Ratio Lower Upper

142 100

141 84.5 69.9 104.9

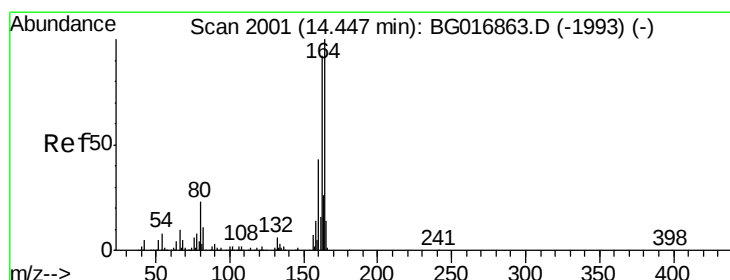
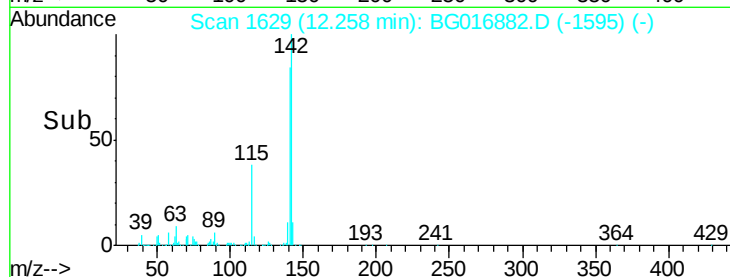
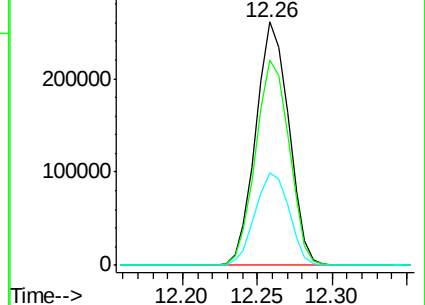
115 38.2 29.8 44.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

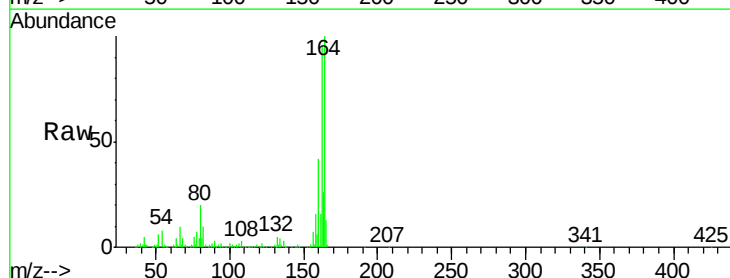
Tgt Ion:164 Resp: 228656

Ion Ratio Lower Upper

164 100

162 95.9 74.0 111.0

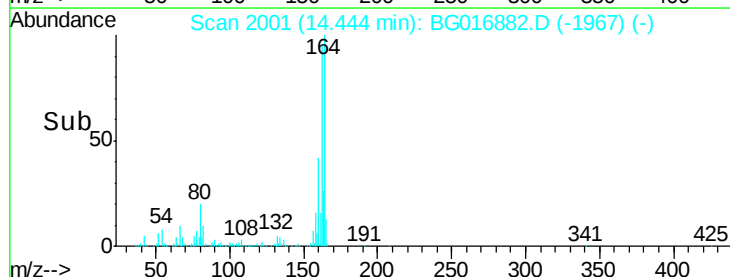
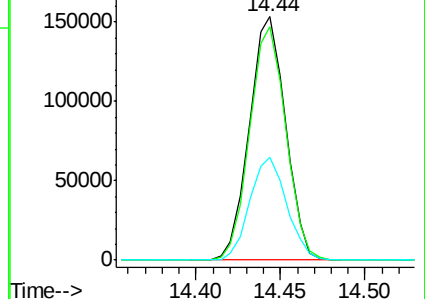
160 42.0 34.7 52.1

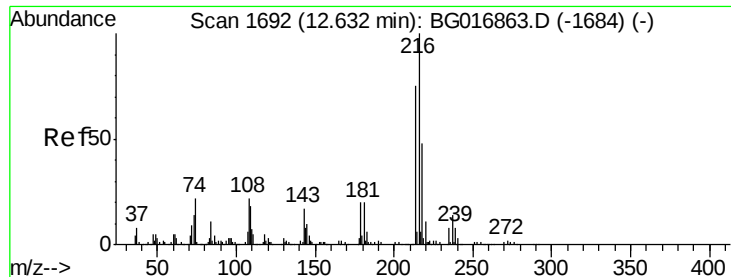


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.47 ng

RT: 12.63 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

Tgt Ion:216 Resp: 175949

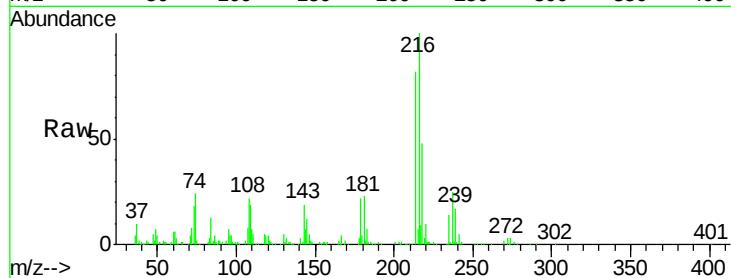
Ion Ratio Lower Upper

216 100

214 82.7 0.0 0.0#

179 22.3 0.0 0.0#

108 26.5 0.0 0.0#

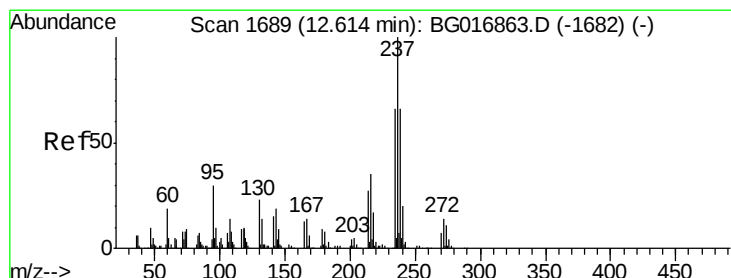
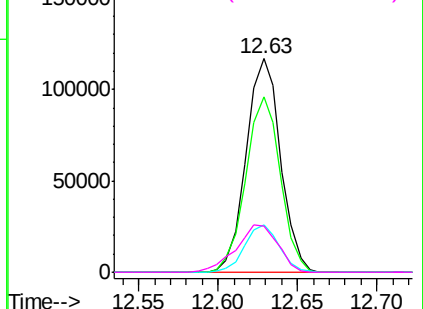
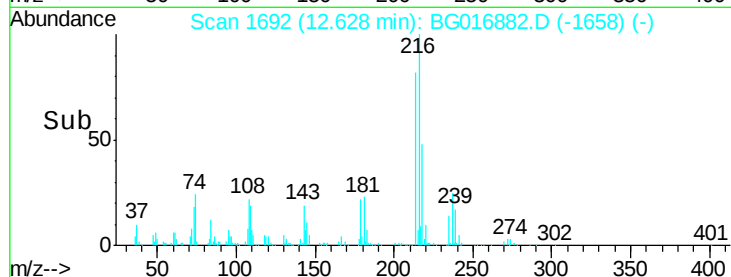


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.79 ng

RT: 12.61 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

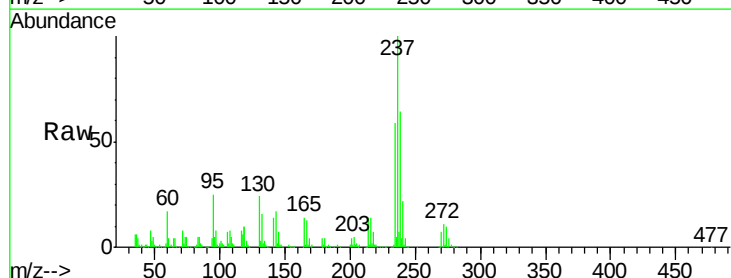
Tgt Ion:237 Resp: 226691

Ion Ratio Lower Upper

237 100

235 59.0 45.5 85.5

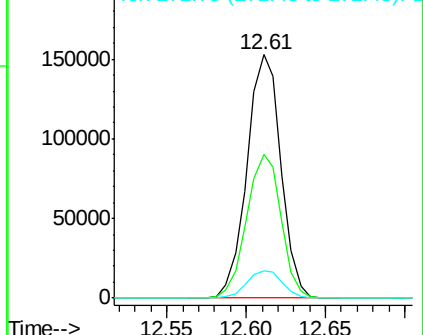
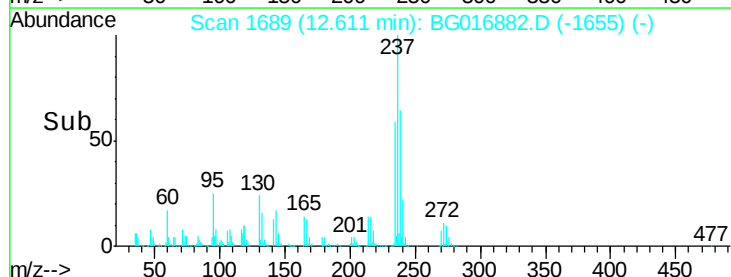
272 11.5 0.0 33.7

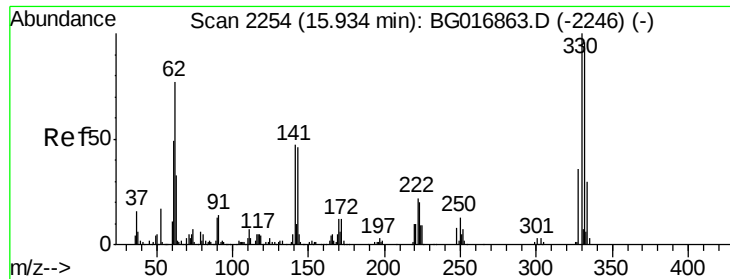


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

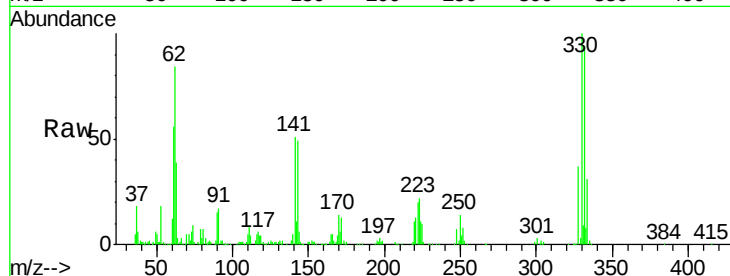




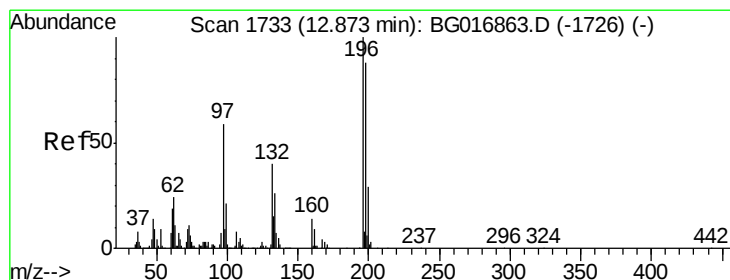
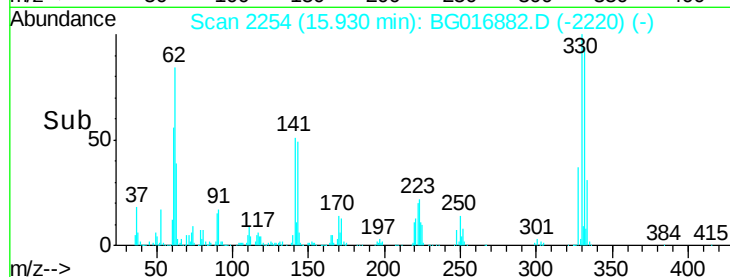
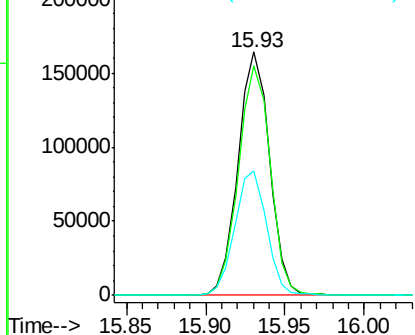
#41
 2,4,6-Tribromophenol
 Concen: 99.17 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

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

Tgt Ion:330 Resp: 227644
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 51.6 0.0 0.0#

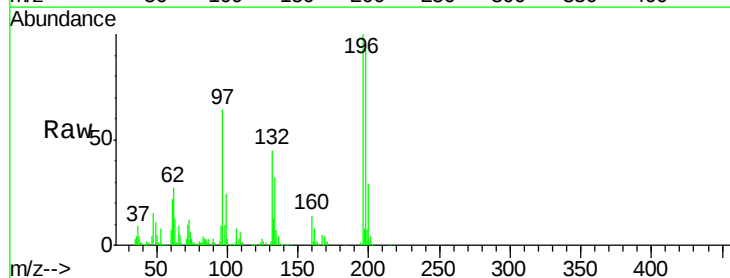


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

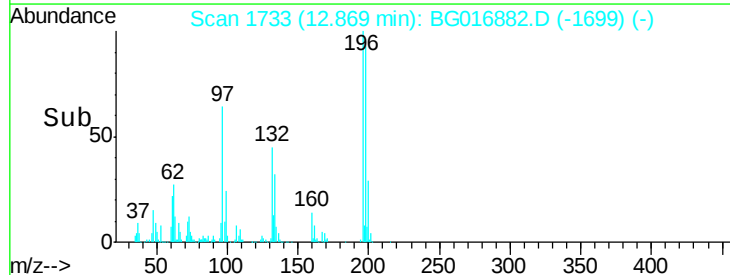
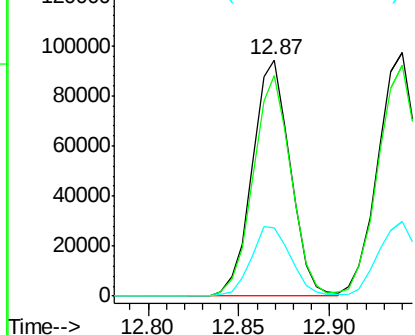


#42
 2,4,6-Trichlorophenol
 Concen: 31.30 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion:196 Resp: 137094
 Ion Ratio Lower Upper
 196 100
 198 93.2 70.7 106.1
 200 28.7 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

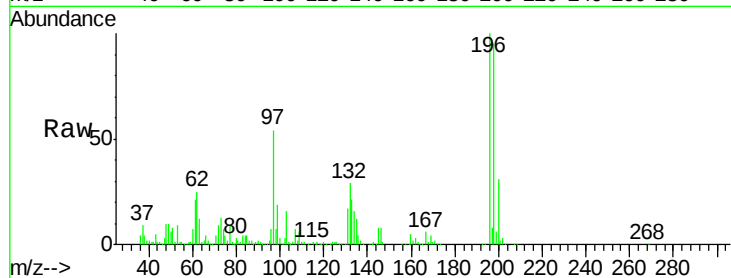




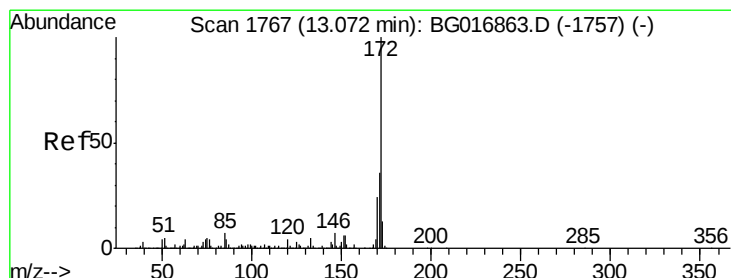
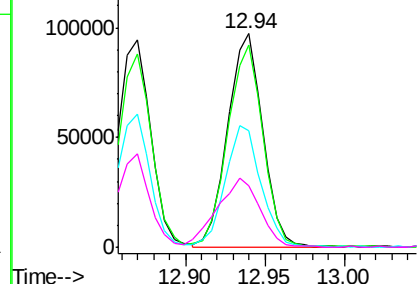
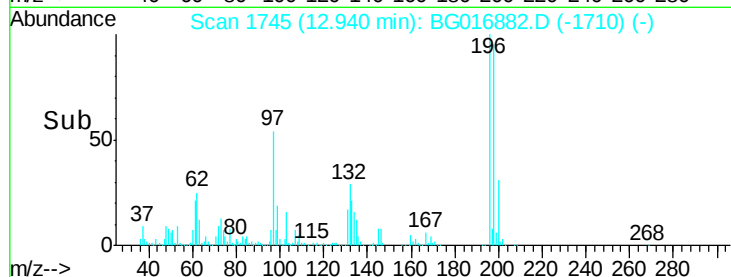
#43
 2,4,5-Trichlorophenol
 Concen: 32.01 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.01 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

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

Tgt Ion	Resp	Lower	Upper
196	148828		
198	94.7	77.5	116.3
97	54.3	45.9	68.9
132	29.1	23.7	35.5

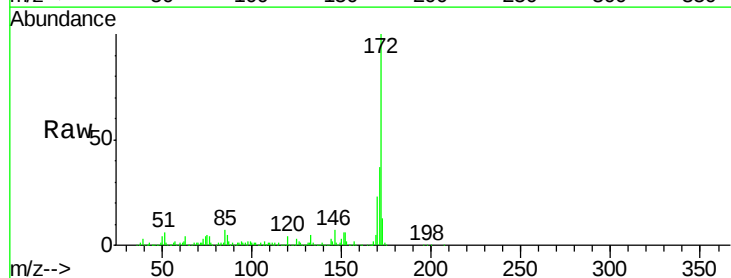


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

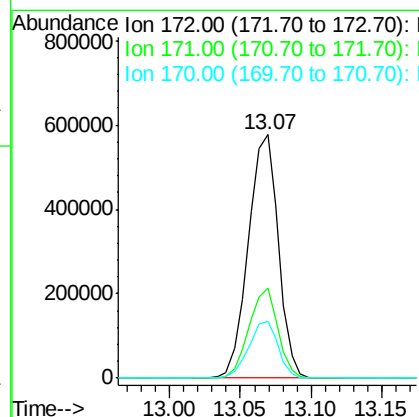
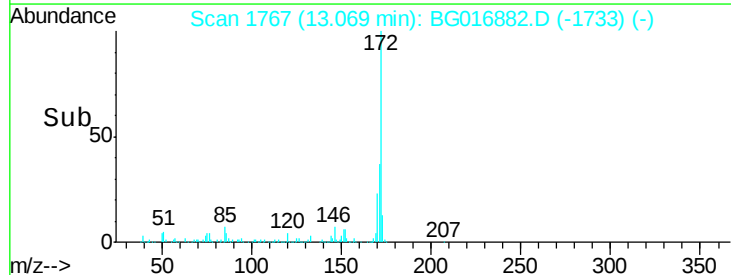


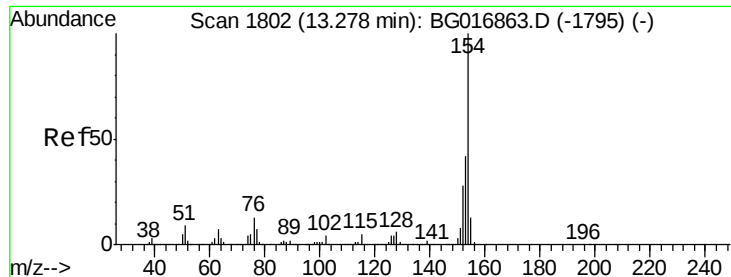
#44
 2-Fluorobiphenyl
 Concen: 56.75 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion	Resp	Lower	Upper
172	859921		
171	37.1	29.0	43.4
170	23.5	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

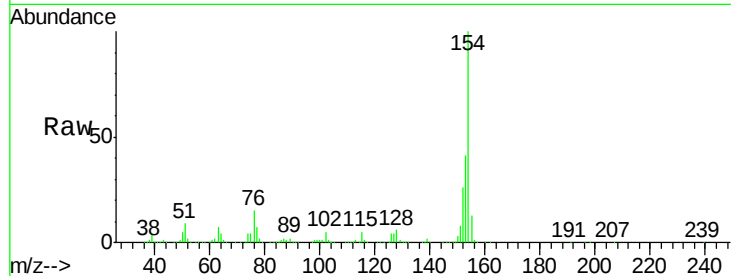




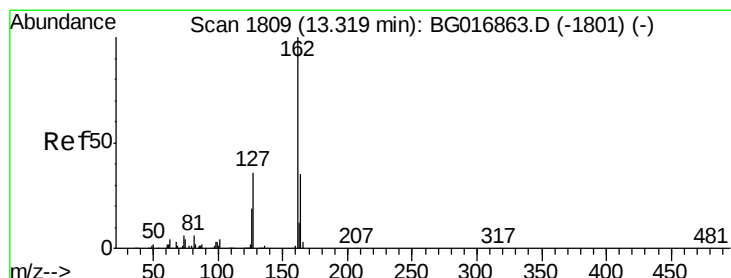
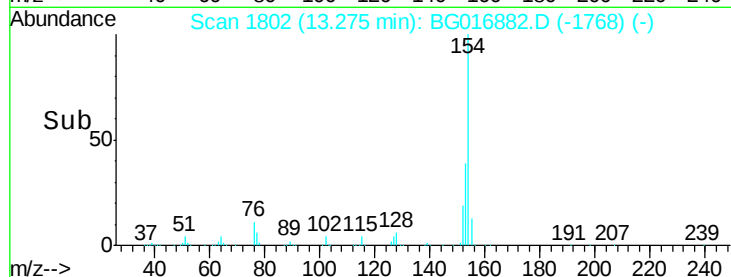
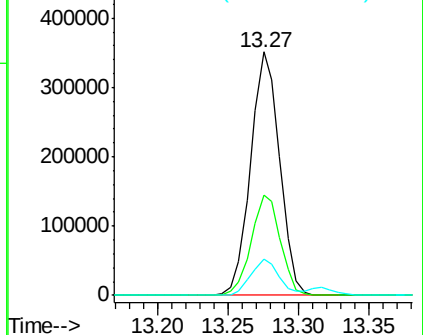
#45
1,1'-Biphenyl
Concen: 30.96 ng
RT: 13.27 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.0	62.0
76	14.9	0.0	33.3

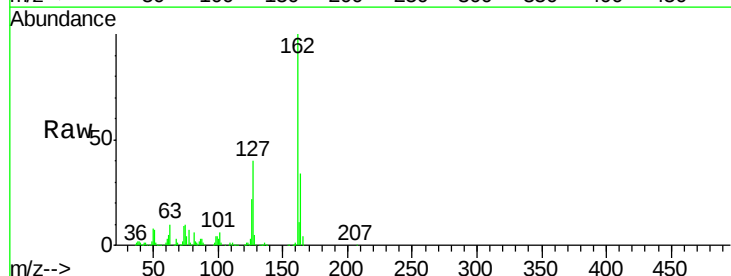


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

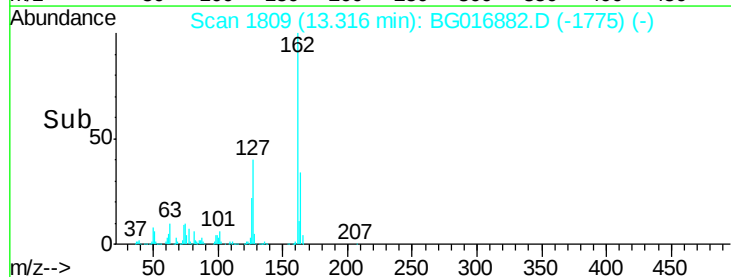
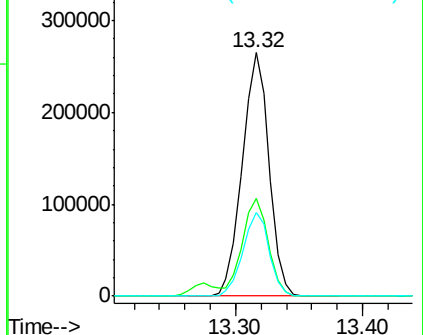


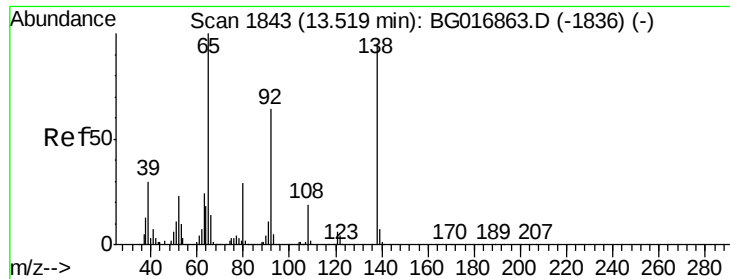
#46
2-Chloronaphthalene
Concen: 29.83 ng
RT: 13.32 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.2	46.8
164	34.1	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

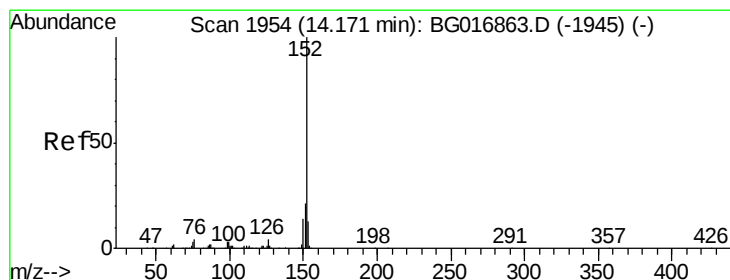
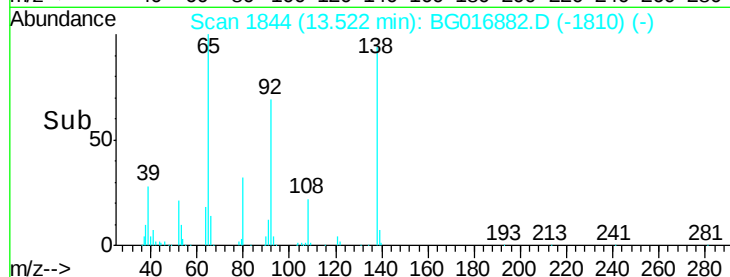
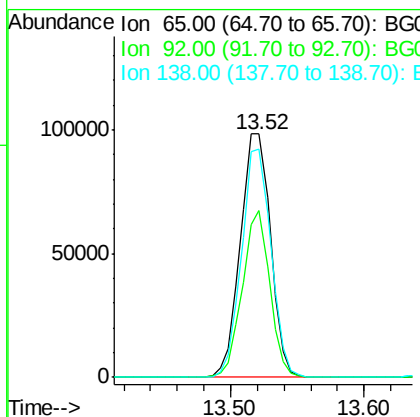
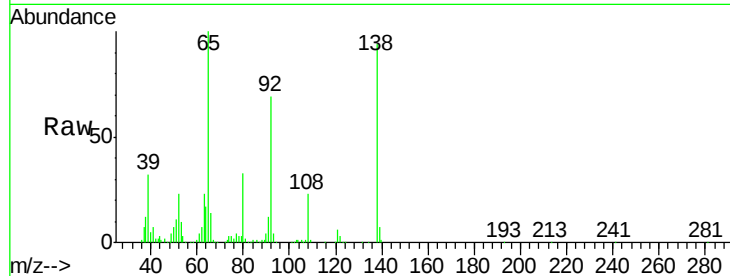




#47
2-Nitroaniline
Concen: 34.15 ng
RT: 13.52 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

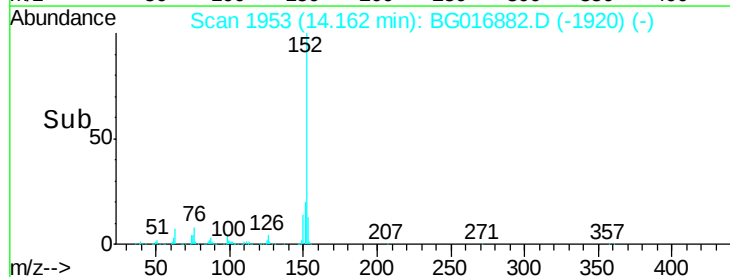
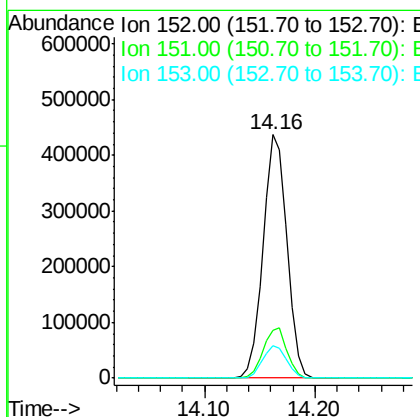
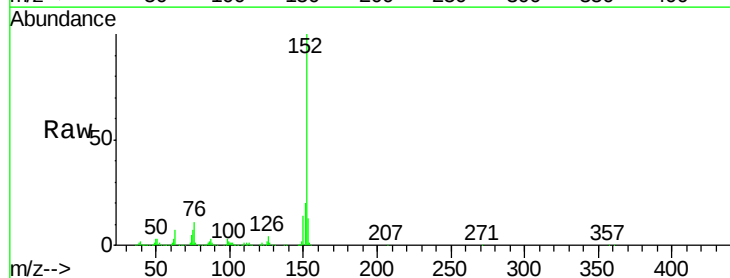
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MSD

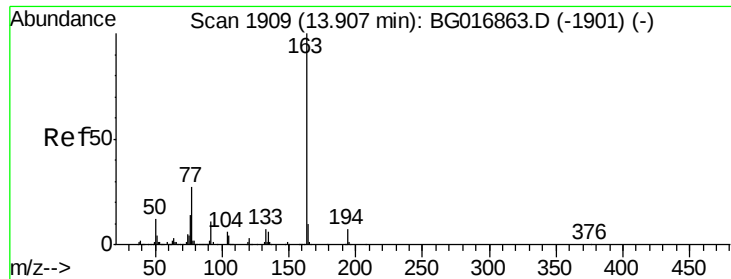
Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	51.0	76.6
138	93.7	76.2	114.2



#48
Acenaphthylene
Concen: 29.24 ng
RT: 14.16 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.0	25.4
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 32.46 ng

RT: 13.90 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

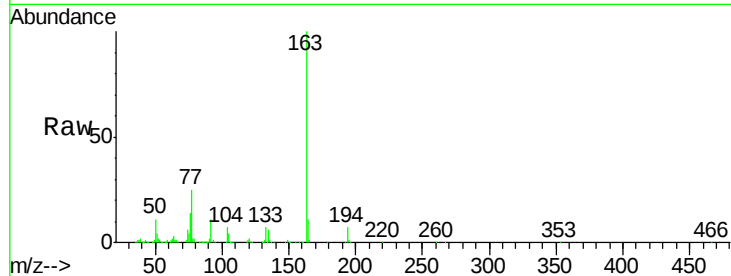
Tgt Ion:163 Resp: 554203

Ion Ratio Lower Upper

163 100

194 6.5 5.2 7.8

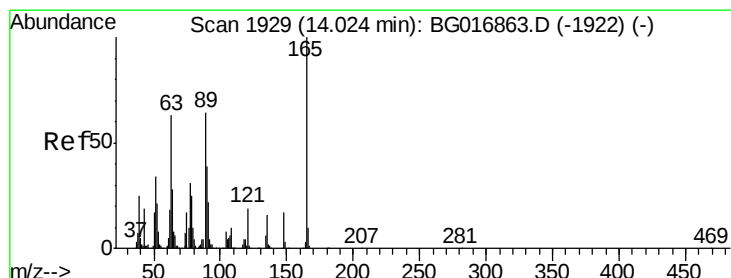
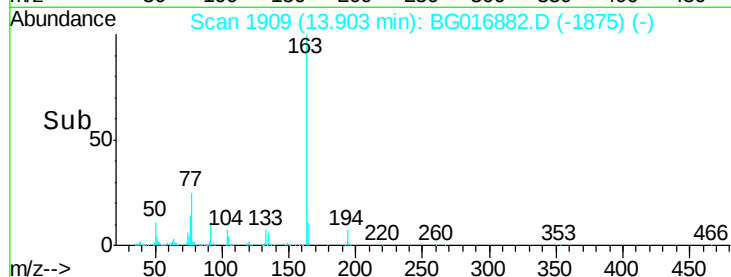
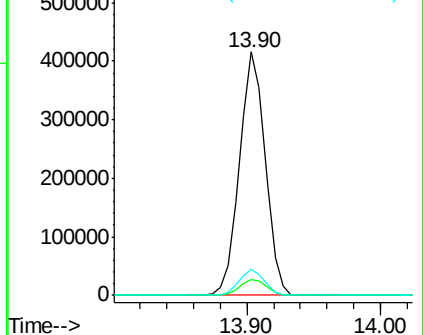
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.82 ng

RT: 14.02 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

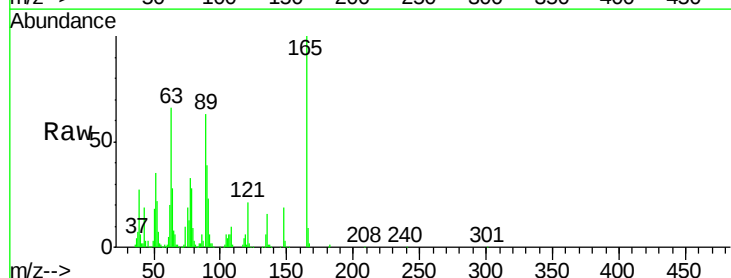
Tgt Ion:165 Resp: 116358

Ion Ratio Lower Upper

165 100

63 65.6 50.9 76.3

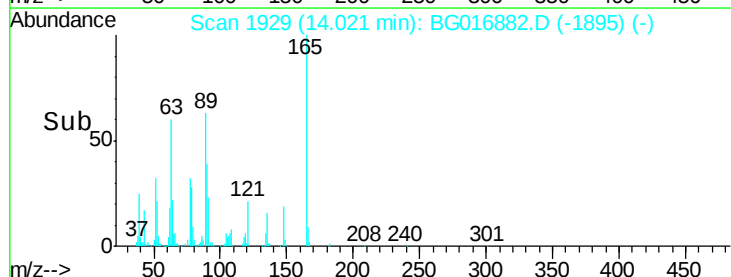
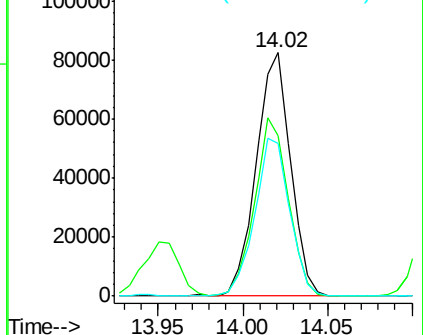
89 62.9 51.4 77.2



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: 29.52 ng

RT: 14.51 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

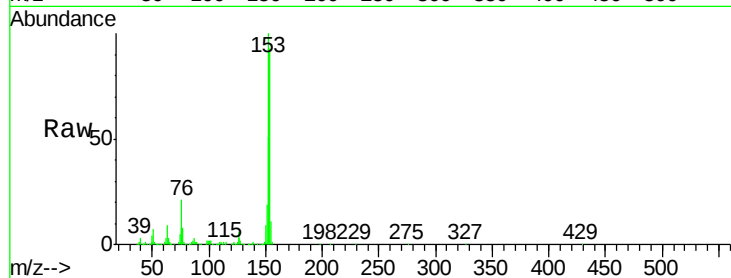
Tgt Ion:154 Resp: 396779

Ion Ratio Lower Upper

154 100

153 107.5 84.2 126.4

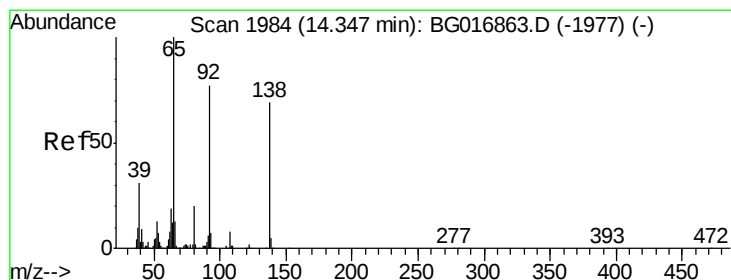
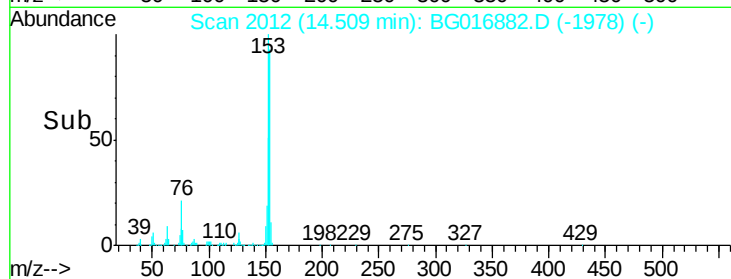
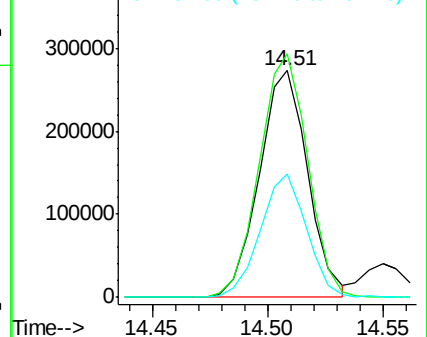
152 54.5 40.2 60.2



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: 25.98 ng

RT: 14.34 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

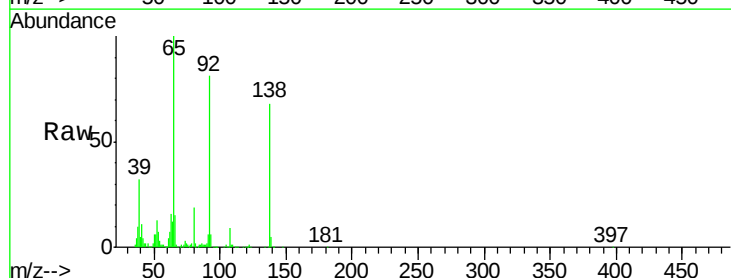
Tgt Ion:138 Resp: 104771

Ion Ratio Lower Upper

138 100

108 12.7 9.5 14.3

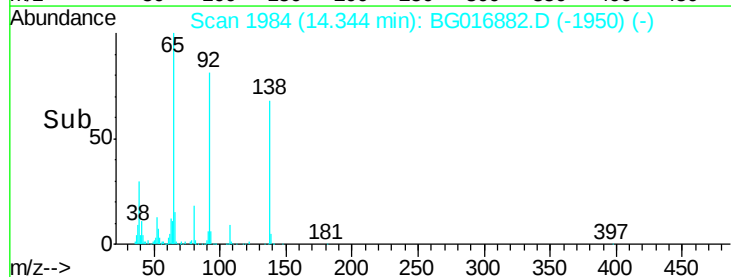
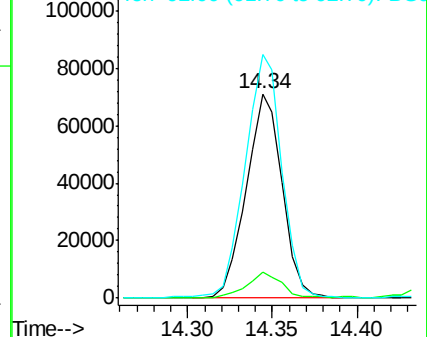
92 119.2 89.6 134.4

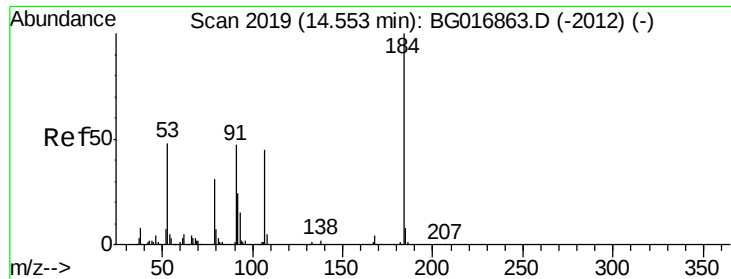


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

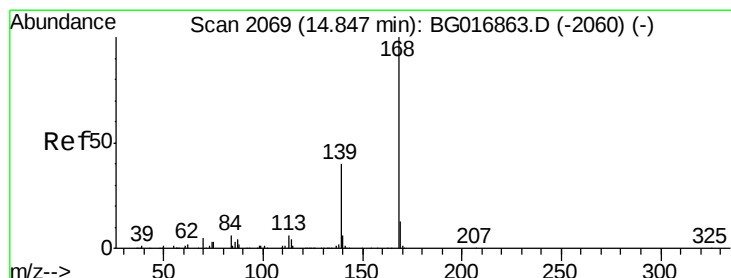
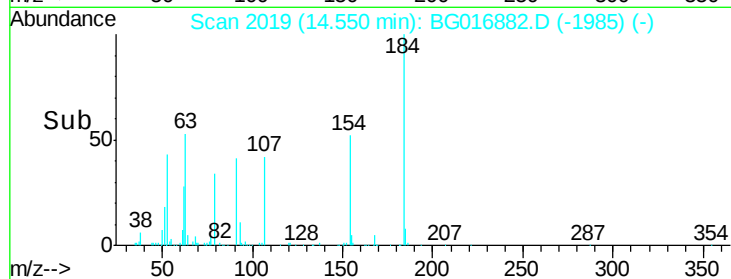
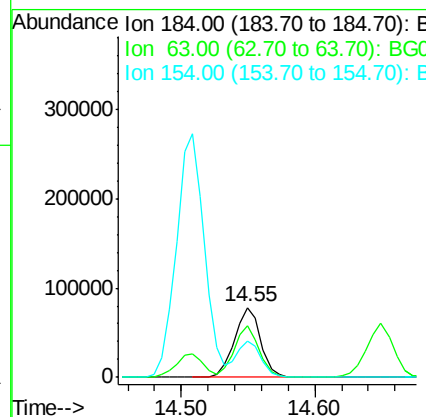
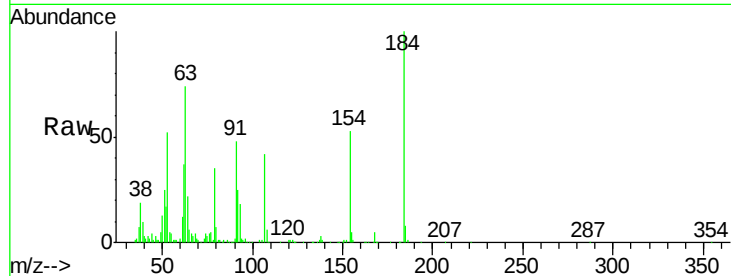




#53
2,4-Dinitrophenol
Concen: 65.69 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

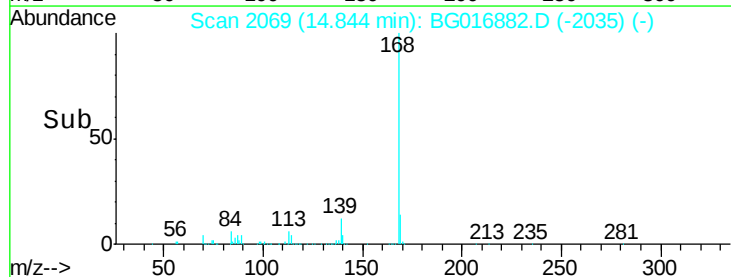
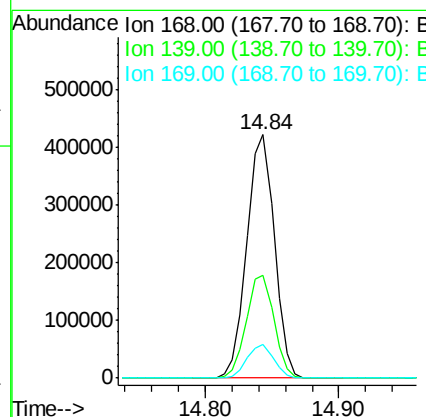
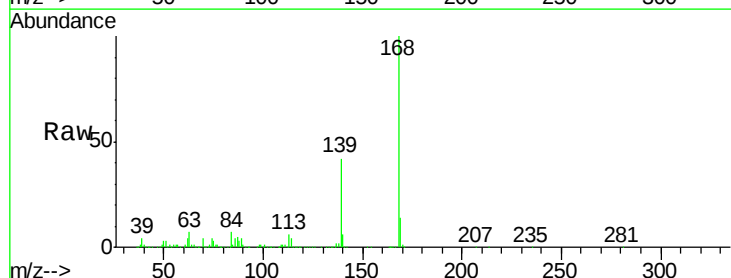
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MSD

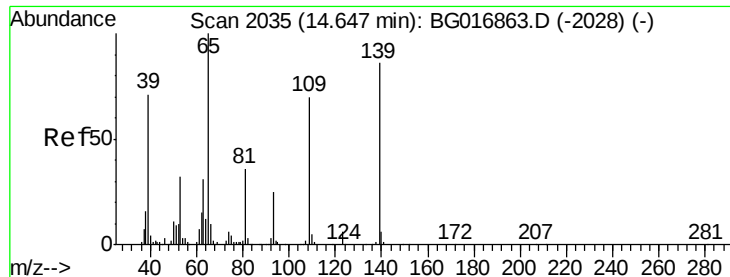
Tgt Ion:184 Resp: 106508
Ion Ratio Lower Upper
184 100
63 74.2 53.4 80.0
154 52.5 41.0 61.6



#54
Dibenzofuran
Concen: 31.45 ng
RT: 14.84 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion:168 Resp: 600211
Ion Ratio Lower Upper
168 100
139 42.0 32.5 48.7
169 13.6 10.4 15.6





#55

4-Nitrophenol

Concen: 66.32 ng

RT: 14.65 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

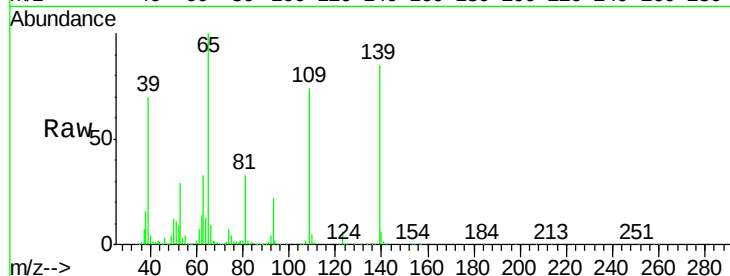
Tgt Ion:139 Resp: 226785

Ion Ratio Lower Upper

139 100

109 86.5 61.8 101.8

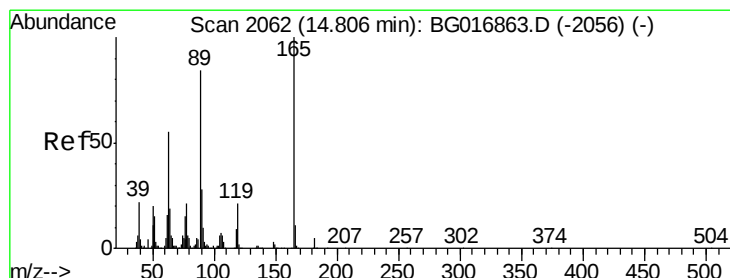
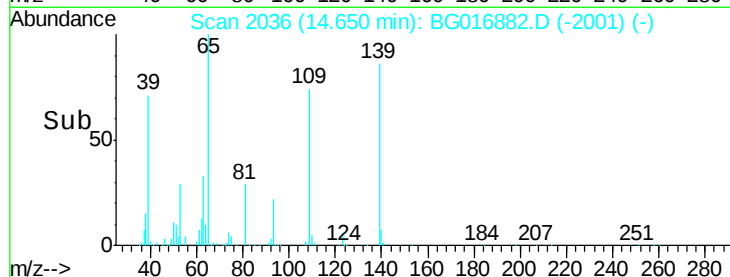
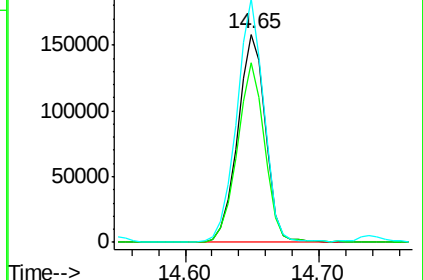
65 117.1 96.8 136.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 35.22 ng

RT: 14.80 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Tgt Ion:165 Resp: 159743

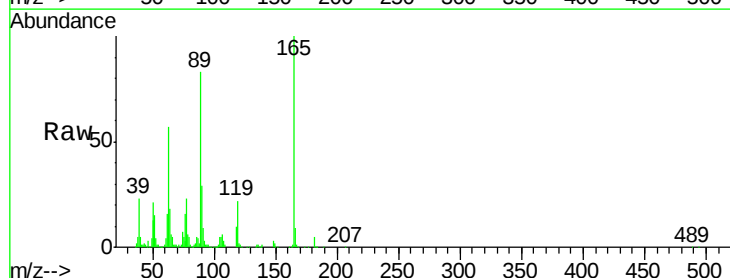
Ion Ratio Lower Upper

165 100

63 56.8 44.2 66.4

89 83.5 67.2 100.8

182 5.2 4.2 6.4

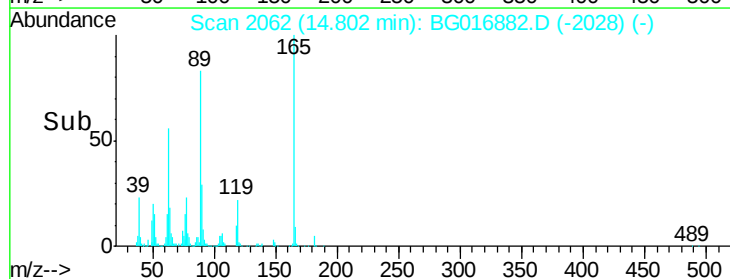
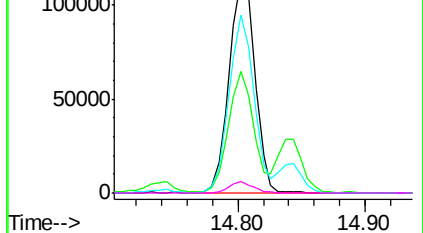


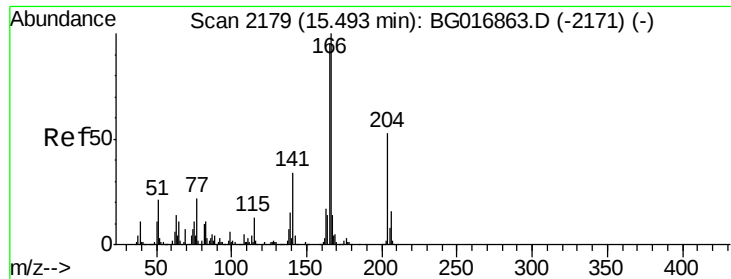
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

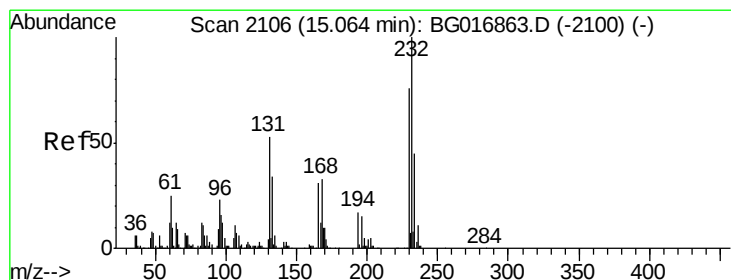
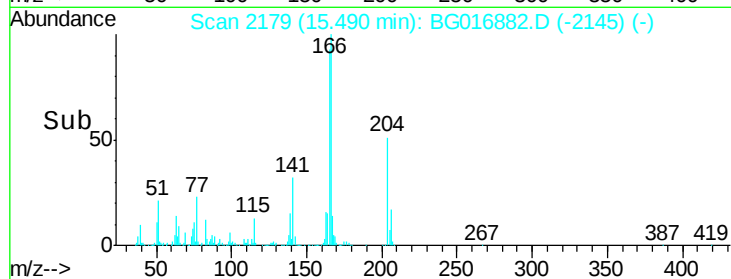
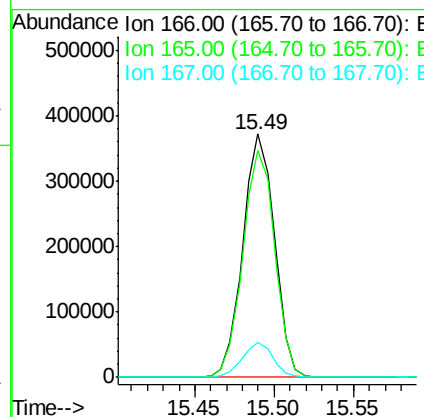
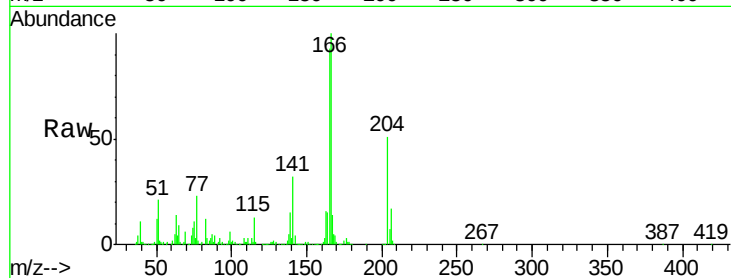




#57
Fluorene
 Concen: 30.50 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

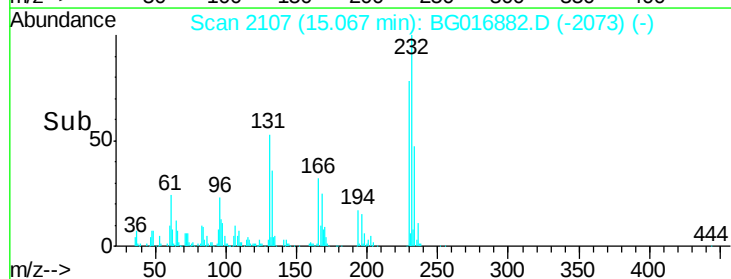
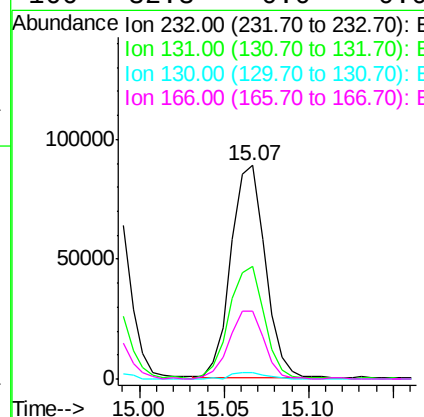
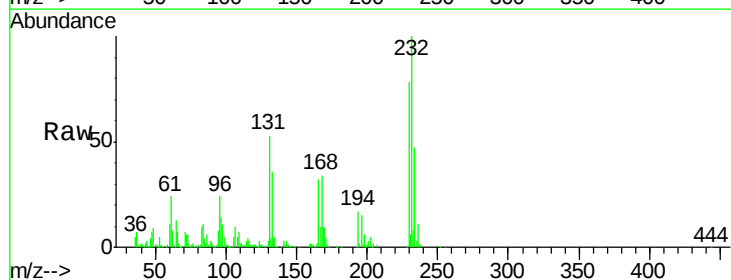
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MSD

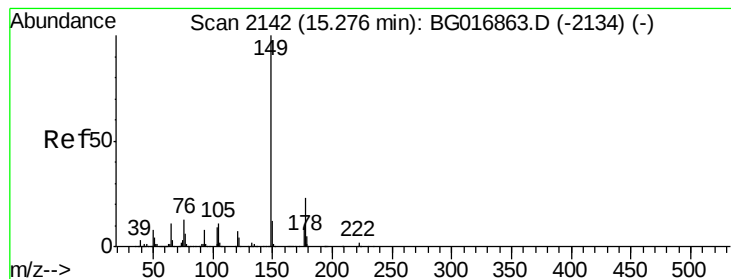
Tgt Ion:166 Resp: 515318
 Ion Ratio Lower Upper
 166 100
 165 93.4 76.1 114.1
 167 14.2 11.4 17.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.40 ng
 RT: 15.07 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion:232 Resp: 125978
 Ion Ratio Lower Upper
 232 100
 131 53.6 0.1 0.1#
 130 3.0 0.0 0.0#
 166 32.3 0.0 0.0#





#59

Diethylphthalate

Concen: 30.12 ng

RT: 15.27 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

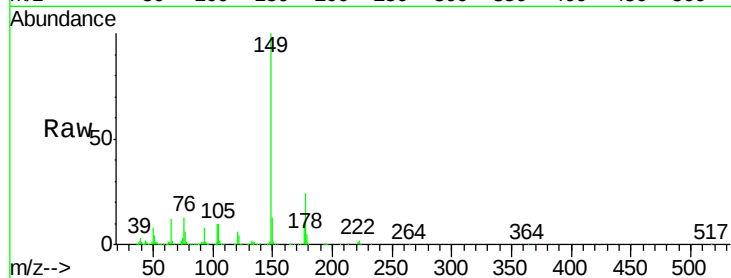
Tgt Ion:149 Resp: 542926

Ion Ratio Lower Upper

149 100

177 23.9 18.6 27.8

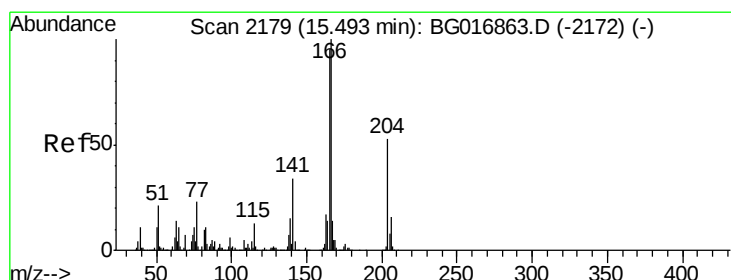
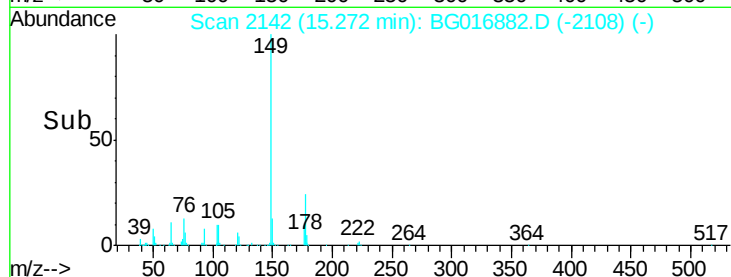
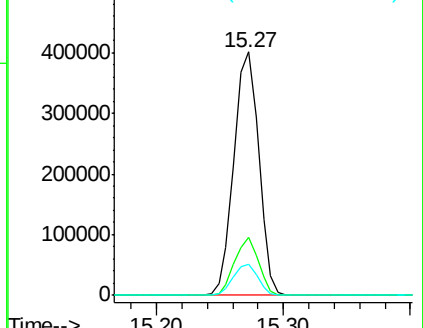
150 12.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 30.16 ng

RT: 15.49 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

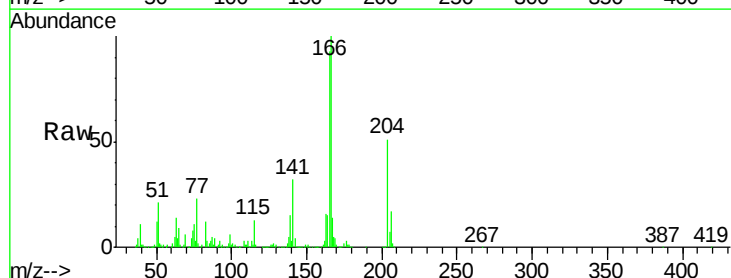
Tgt Ion:204 Resp: 255979

Ion Ratio Lower Upper

204 100

206 32.3 24.8 37.2

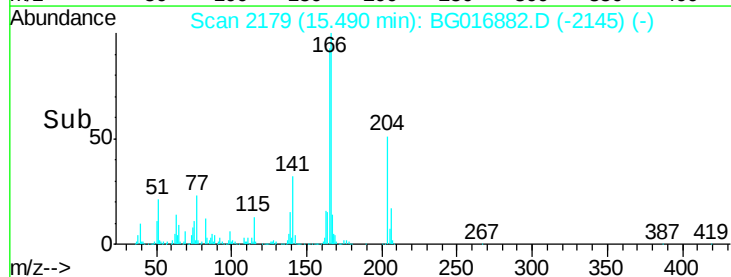
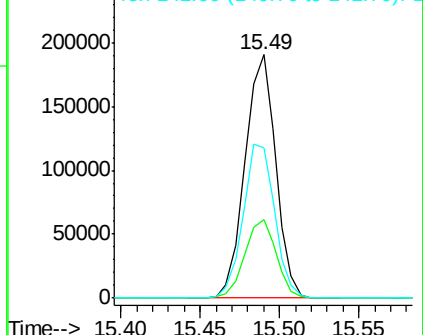
141 61.8 52.4 78.6

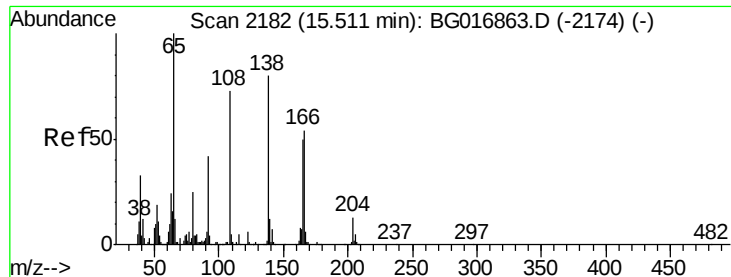


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

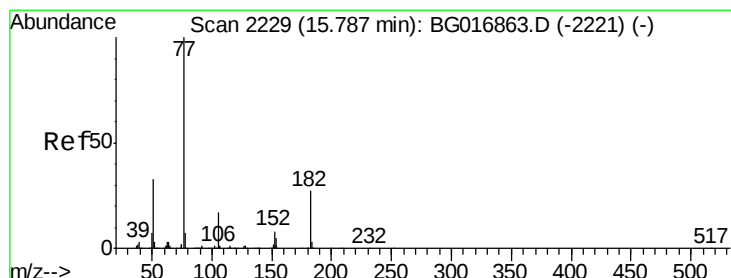
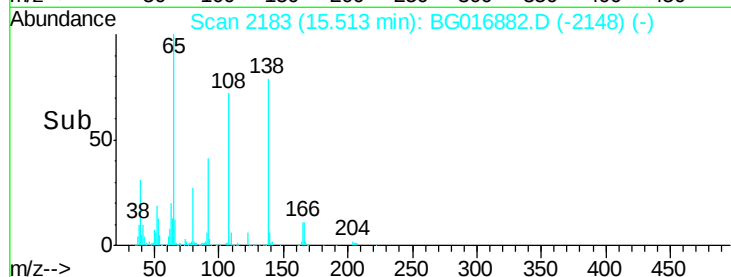
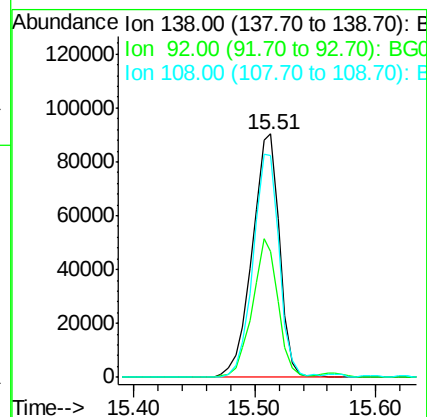
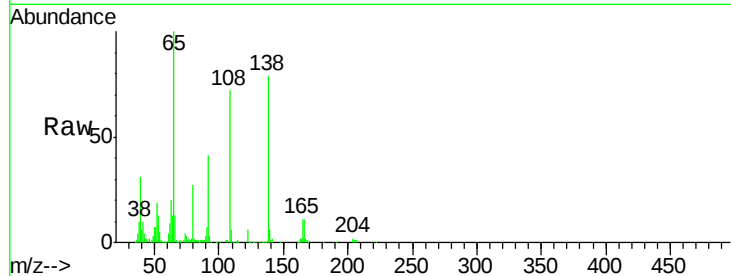




#61
4-Nitroaniline
Concen: 30.52 ng
RT: 15.51 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

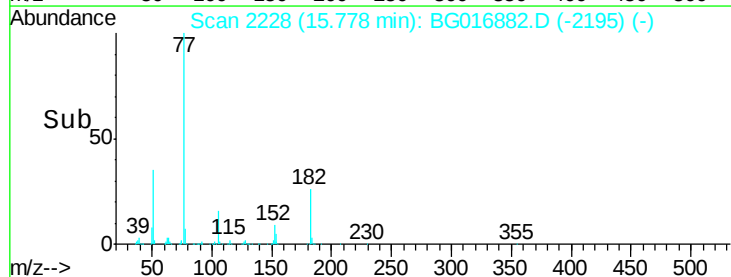
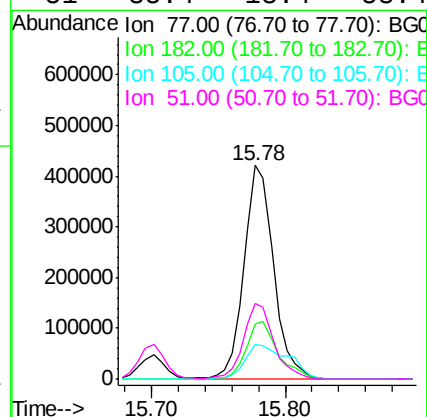
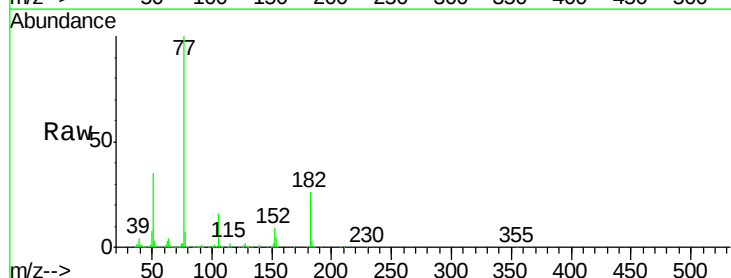
Instrument :
BNA_F
ClientSampleId :
GRID-6(12-18)MSD

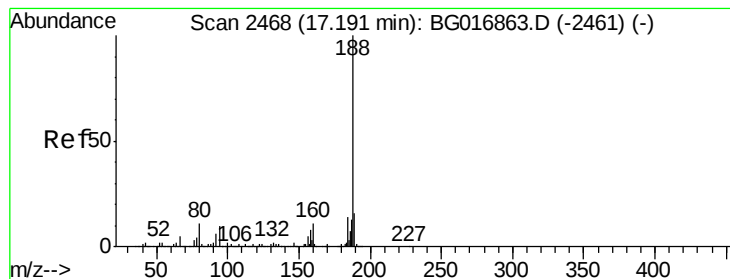
Tgt Ion:138 Resp: 142698
Ion Ratio Lower Upper
138 100
92 51.9 31.8 71.8
108 91.4 70.6 110.6



#62
Azobenzene
Concen: 34.45 ng
RT: 15.78 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

Tgt Ion: 77 Resp: 643066
Ion Ratio Lower Upper
77 100
182 25.9 7.4 47.4
105 16.3 0.0 36.6
51 35.4 13.4 53.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

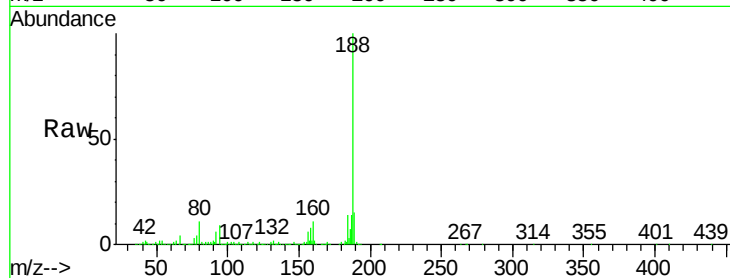
Tgt Ion:188 Resp: 500643

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

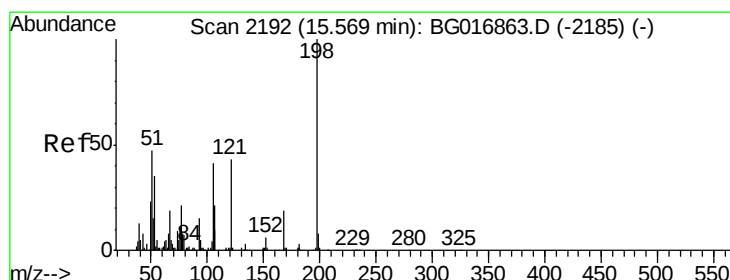
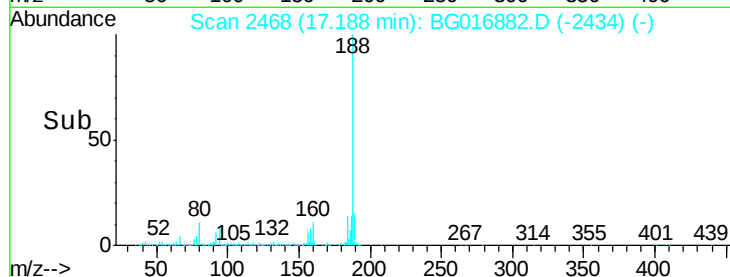
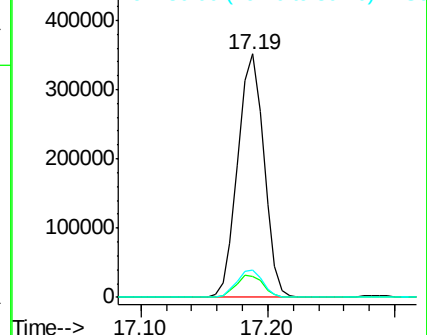
80 11.0 8.8 13.2



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: 31.93 ng

RT: 15.57 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

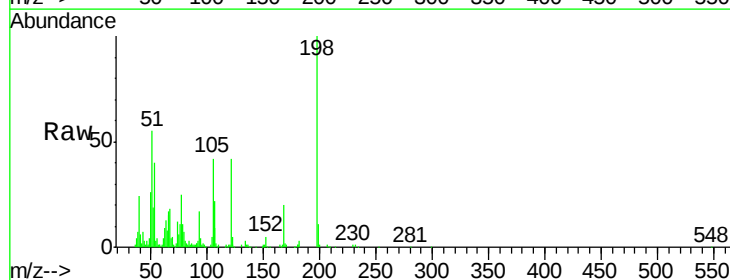
Tgt Ion:198 Resp: 79252

Ion Ratio Lower Upper

198 100

51 54.8 31.2 71.2

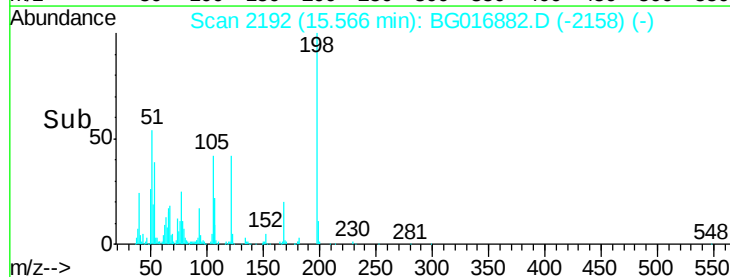
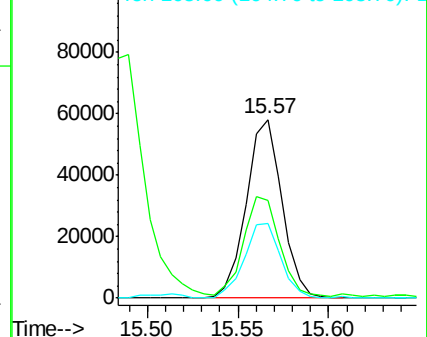
105 42.0 22.0 62.0

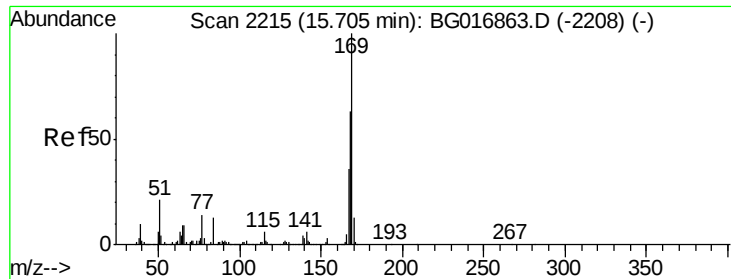


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 29.44 ng

RT: 15.70 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

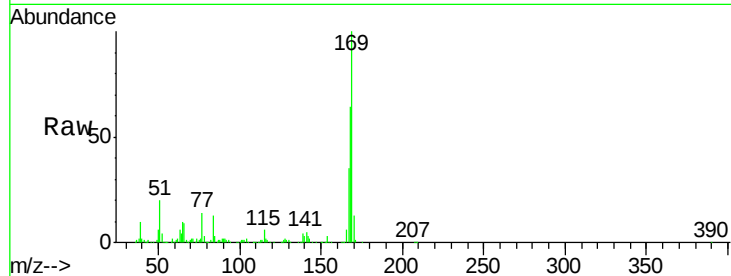
Tgt Ion:169 Resp: 449852

Ion Ratio Lower Upper

169 100

168 64.4 50.6 76.0

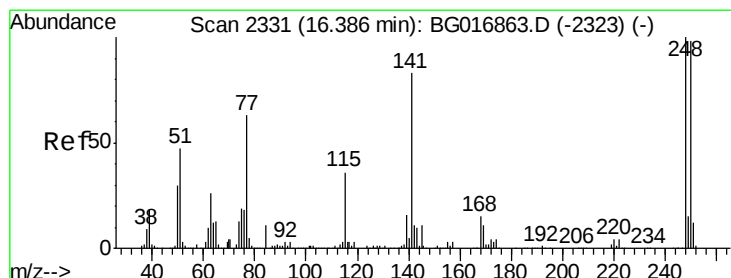
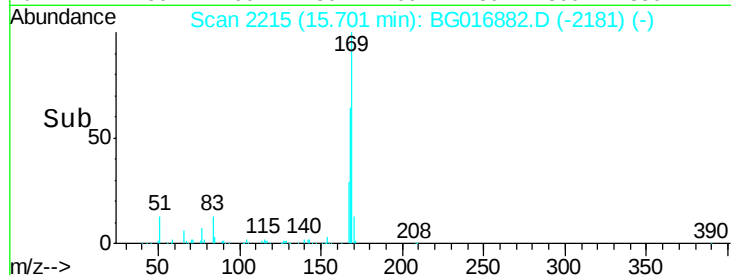
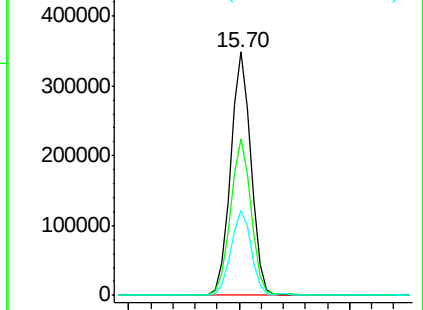
167 34.8 29.0 43.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 29.98 ng

RT: 16.38 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

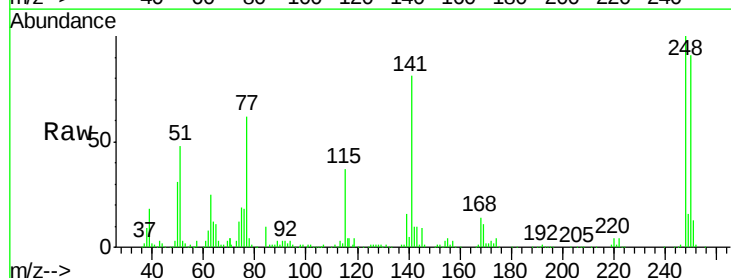
Tgt Ion:248 Resp: 150676

Ion Ratio Lower Upper

248 100

250 91.2 78.6 117.8

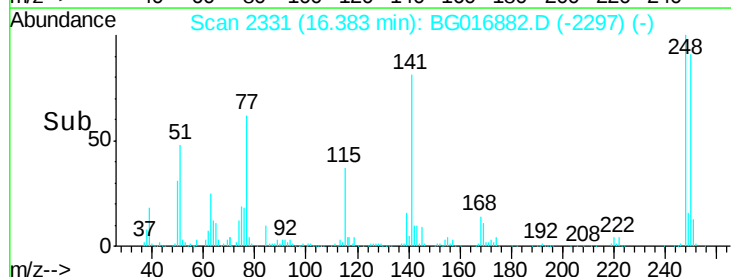
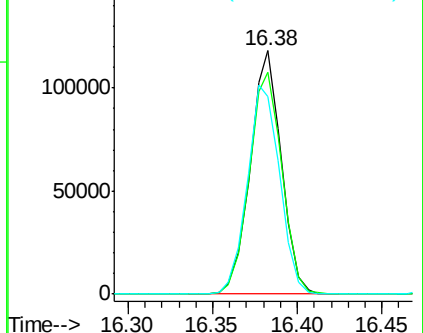
141 81.1 66.3 99.5

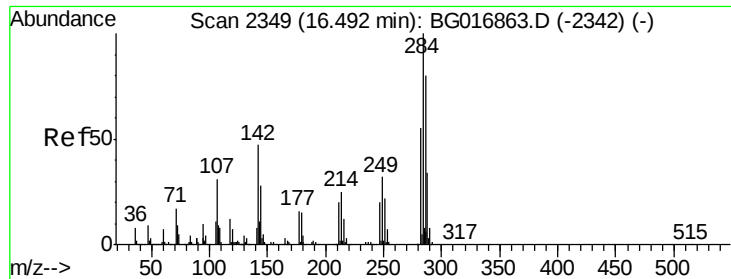


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

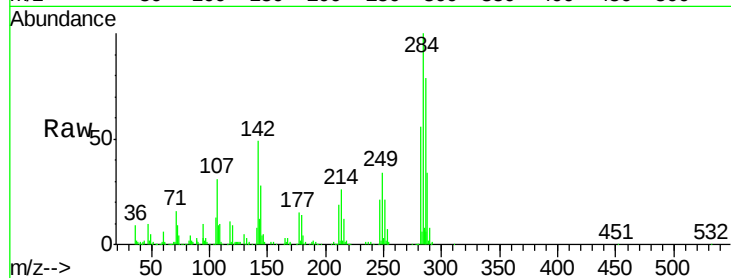




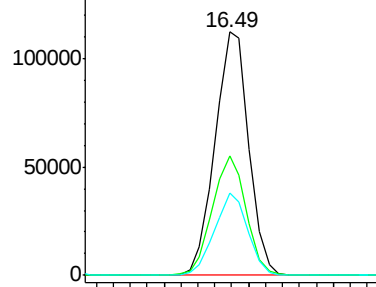
#67
Hexachlorobenzene
Concen: 29.47 ng
RT: 16.49 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

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

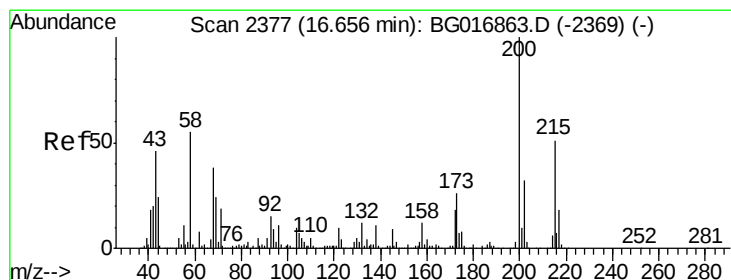
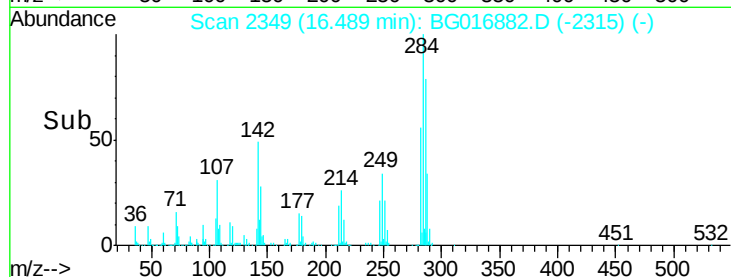
Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.0	37.4	56.0
249	33.8	25.5	38.3



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

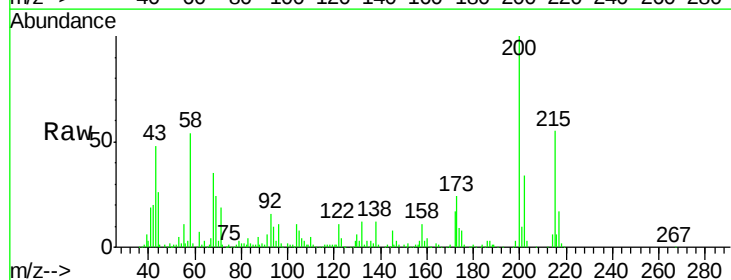


Time-->

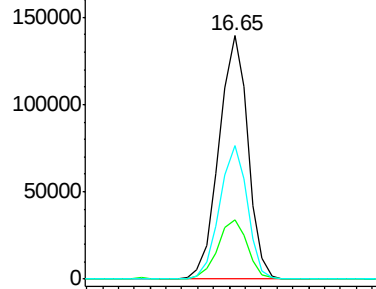


#68
Atrazine
Concen: 32.14 ng
RT: 16.65 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG016882.D
Acq: 6 May 2015 2:38

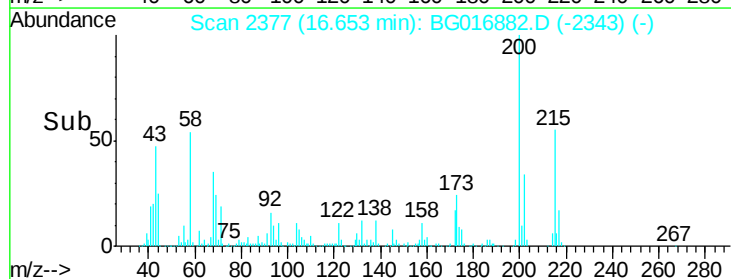
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	6.1	46.1
215	54.6	30.8	70.8

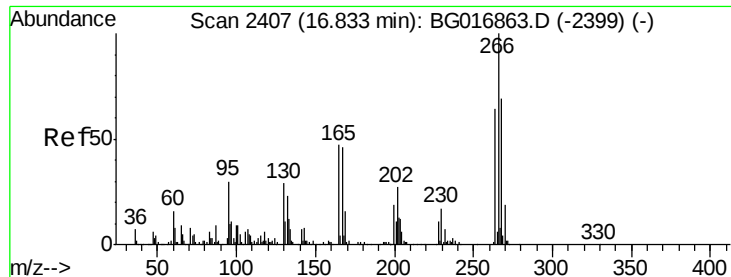


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->

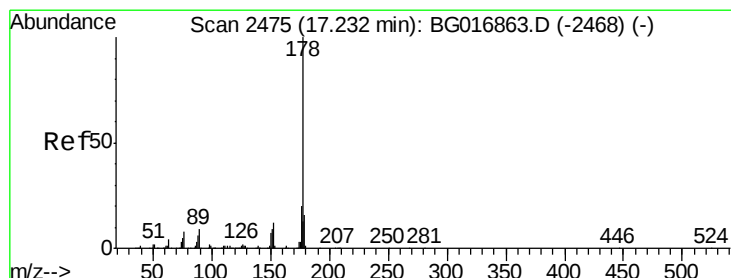
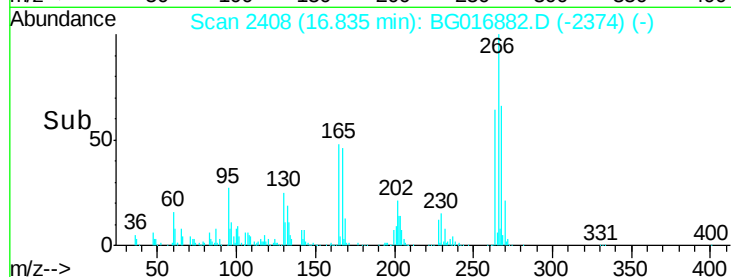
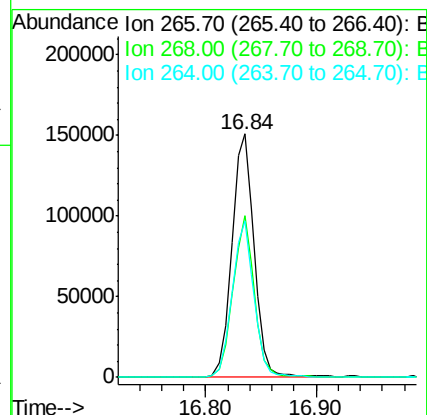
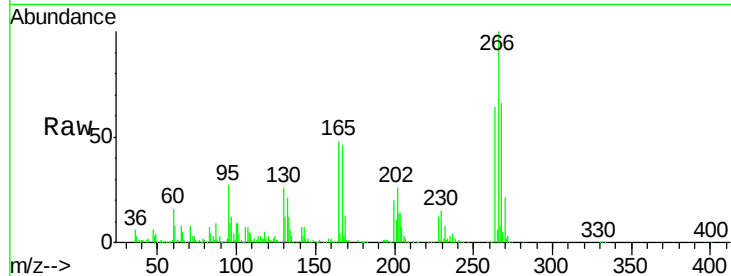




#69
 Pentachlorophenol
 Concen: 62.35 ng
 RT: 16.84 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

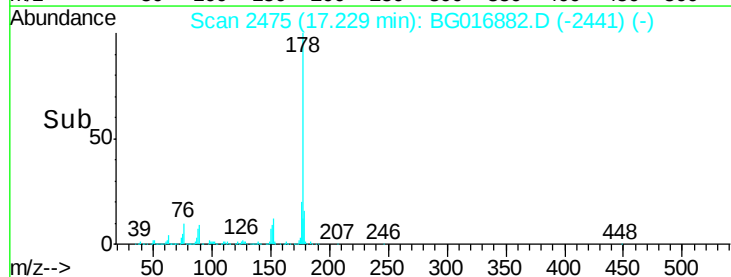
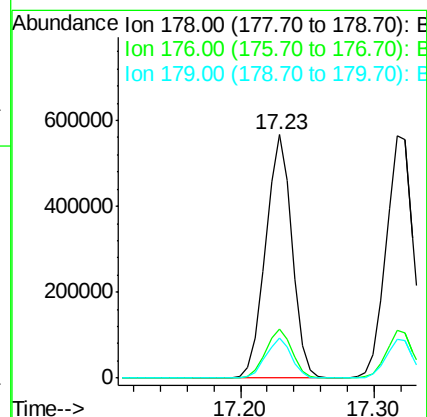
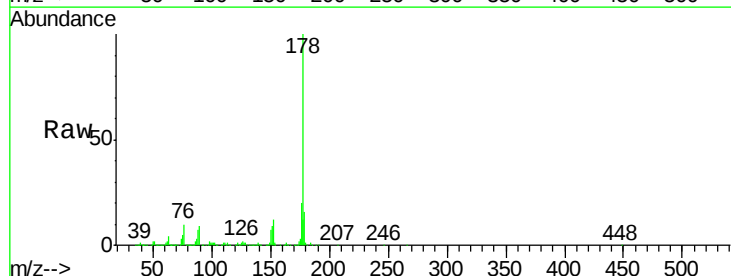
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MSD

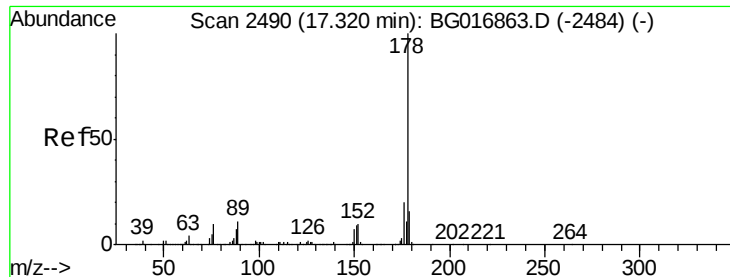
Tgt Ion:266 Resp: 214518
 Ion Ratio Lower Upper
 266 100
 268 66.3 55.2 82.8
 264 64.3 51.4 77.0



#70
 Phenanthrene
 Concen: 29.90 ng
 RT: 17.23 min Scan# 2475
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion:178 Resp: 770242
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.4 13.0 19.6

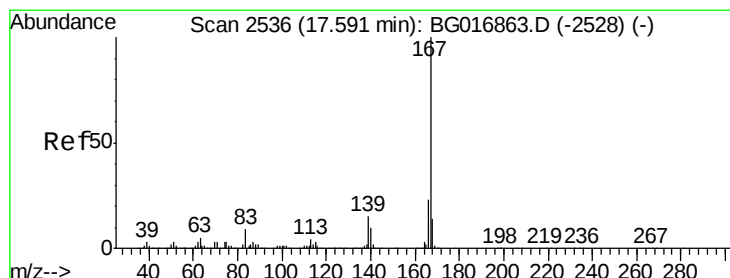
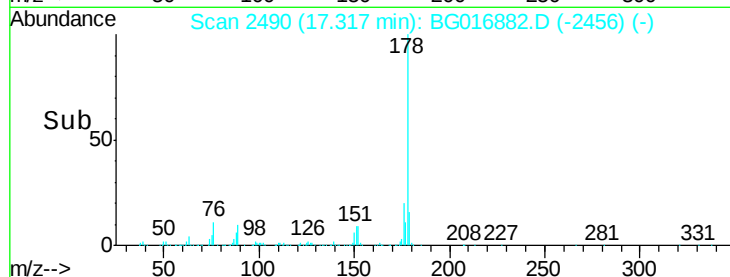
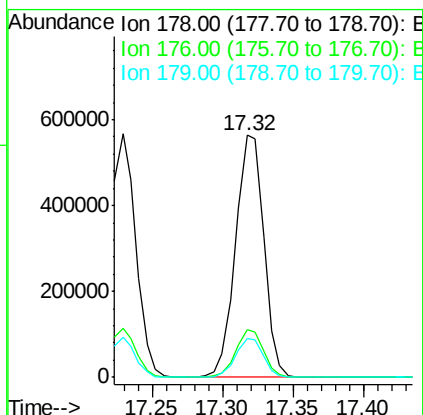
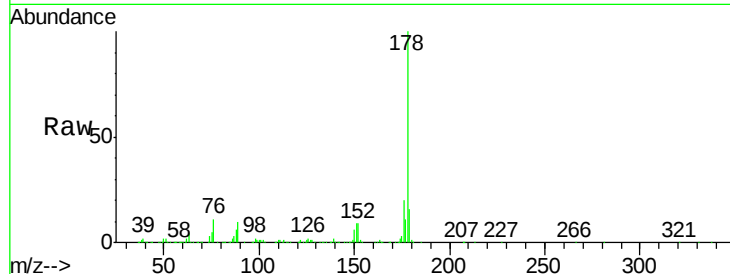




#71
 Anthracene
 Concen: 30.28 ng
 RT: 17.32 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

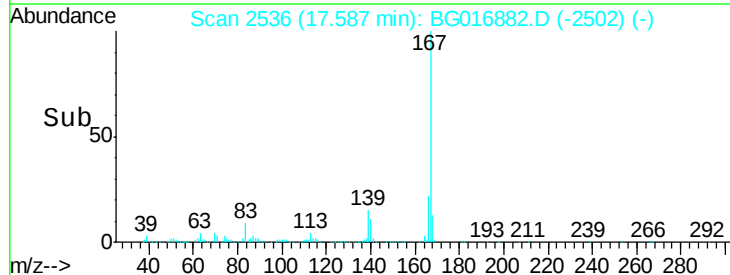
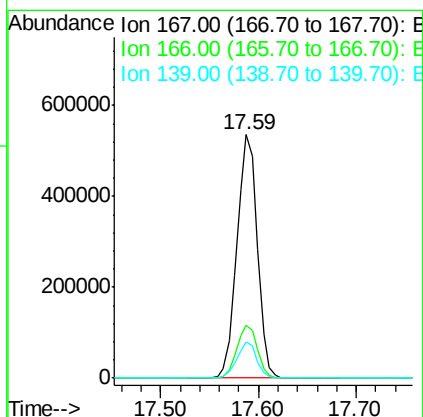
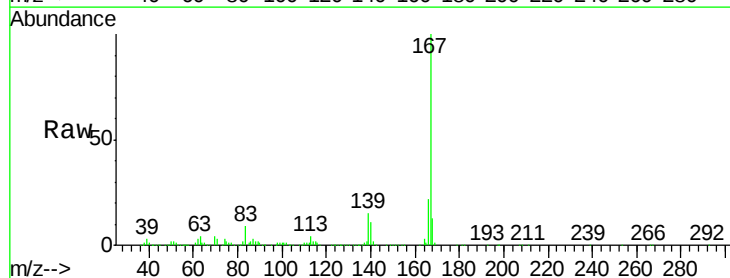
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MSD

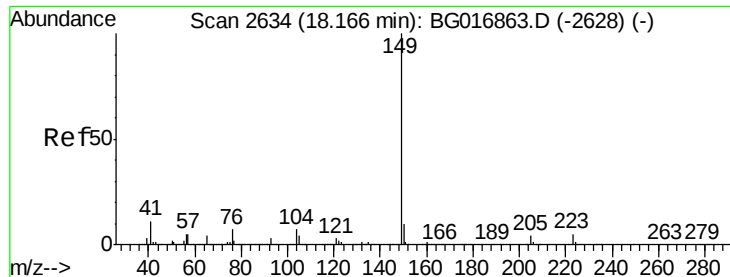
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.2	13.1	19.7



#72
 Carbazole
 Concen: 31.27 ng
 RT: 17.59 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.4	27.6
139	15.1	12.2	18.4





#73

Di-n-butylphthalate

Concen: 29.59 ng

RT: 18.16 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

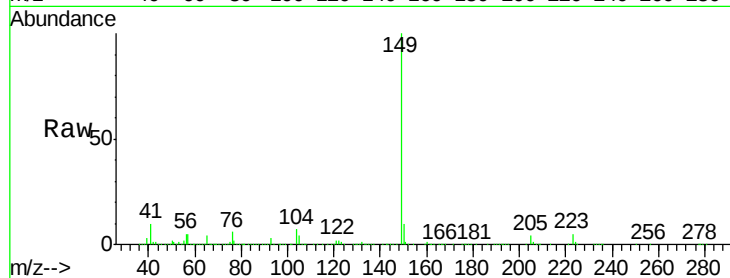
Tgt Ion:149 Resp: 948003

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

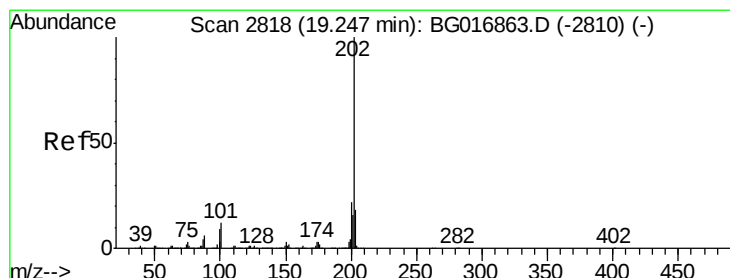
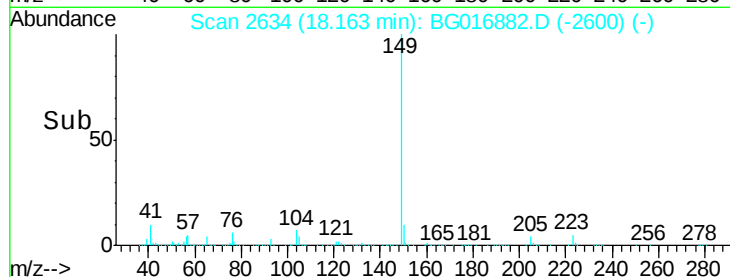
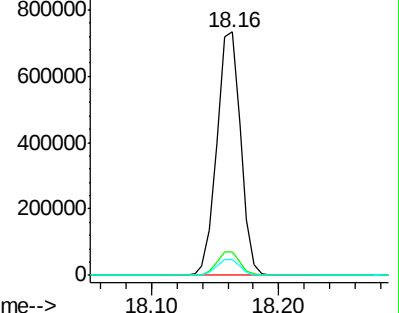
104 6.7 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.40 ng

RT: 19.24 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

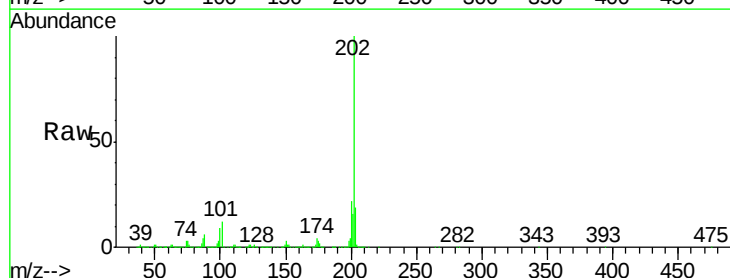
Tgt Ion:202 Resp: 878691

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.5

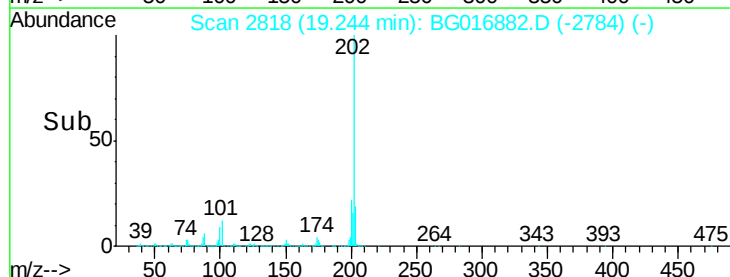
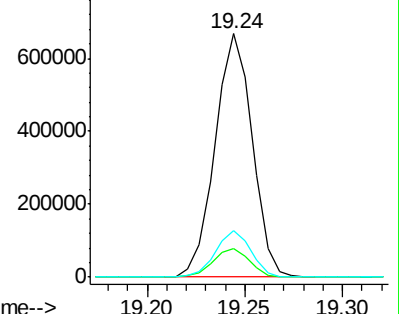
203 19.1 0.0 38.1

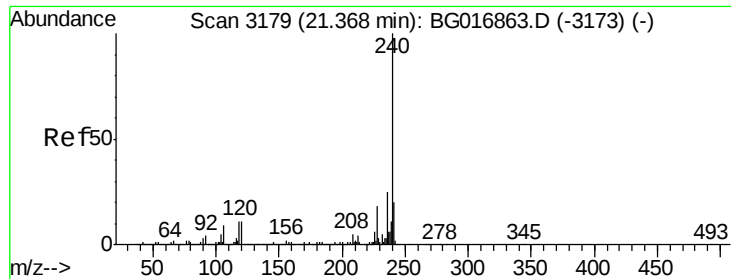


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

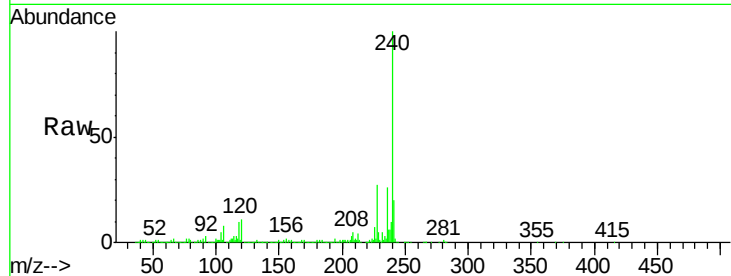
Tgt Ion:240 Resp: 494999

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

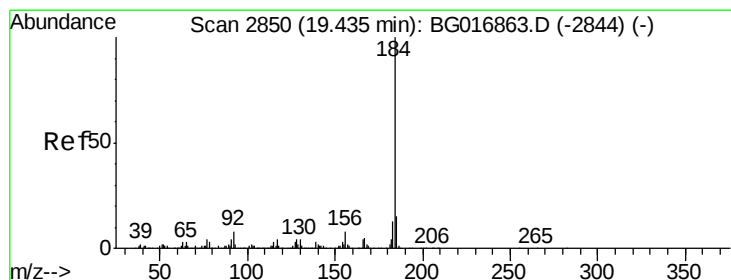
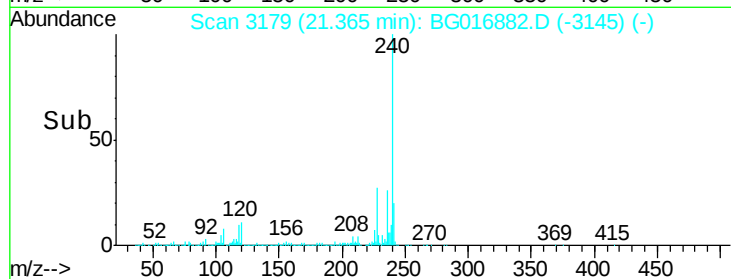
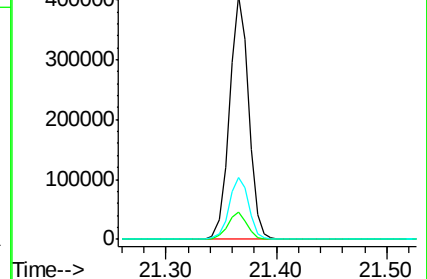
236 25.7 20.2 30.4



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: 23.14 ng

RT: 19.43 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

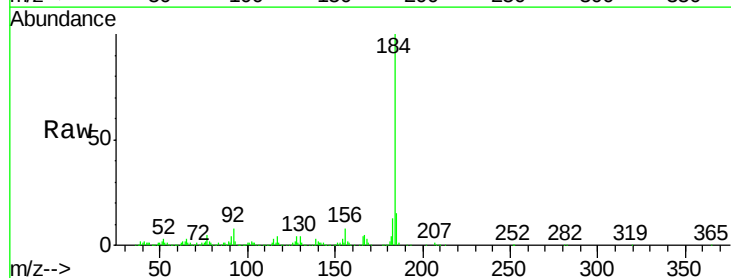
Tgt Ion:184 Resp: 389143

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

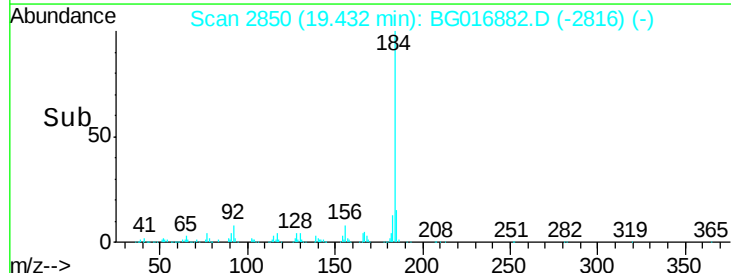
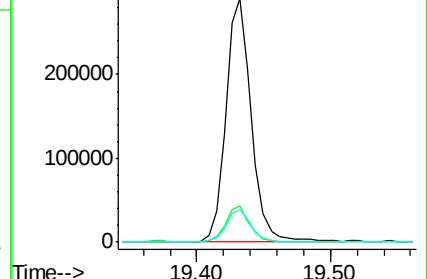
183 13.4 10.6 15.8

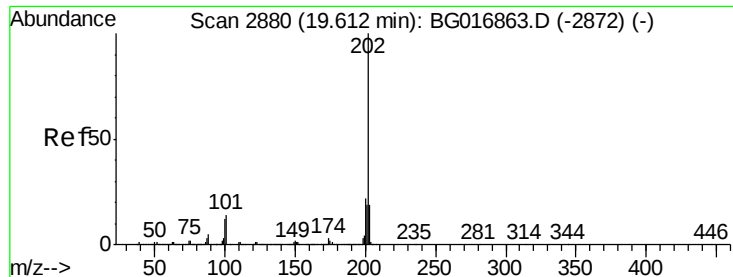


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

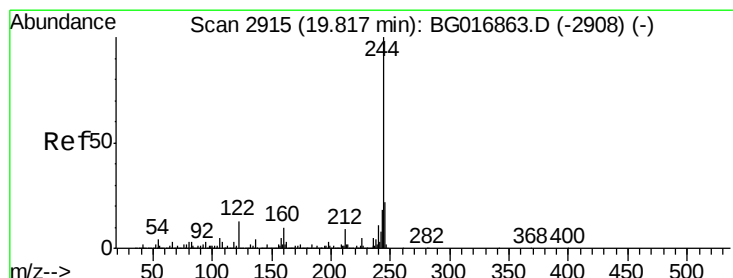
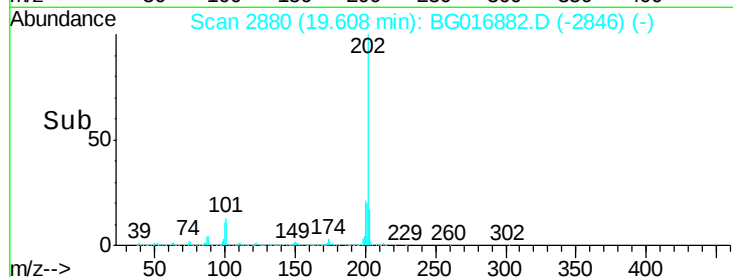
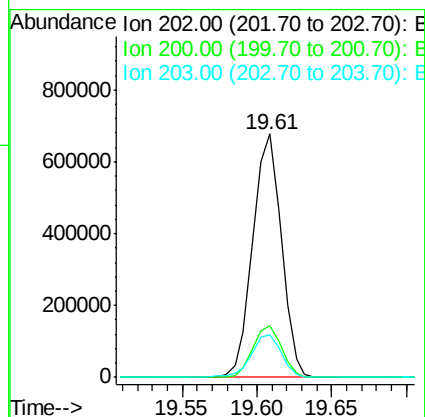
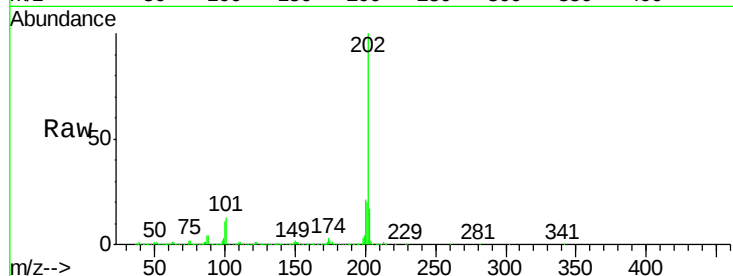




#77
 Pyrene
 Concen: 30.64 ng
 RT: 19.61 min Scan# 2880
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

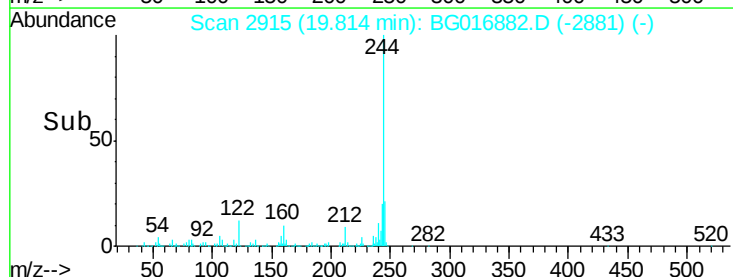
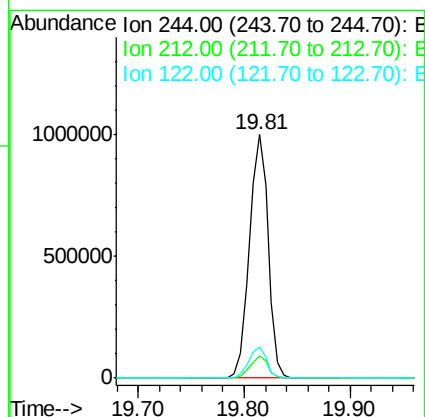
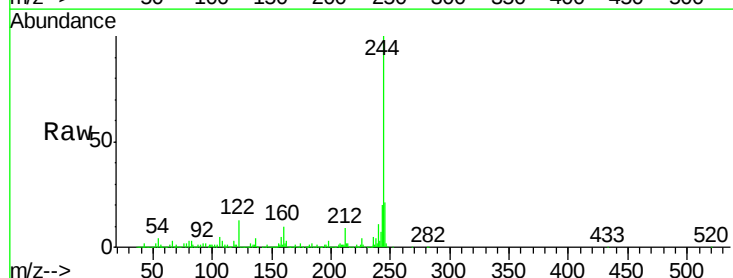
Instrument :
 BNA_F
 ClientSampleId :
 GRID-6(12-18)MSD

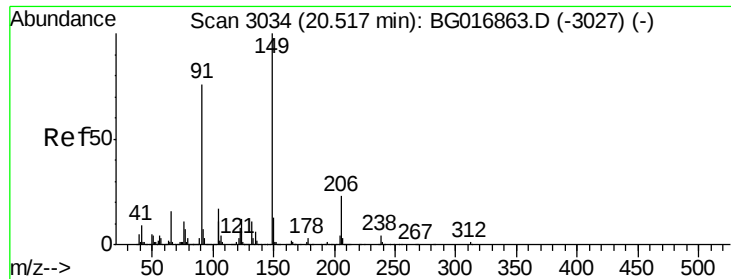
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.9	26.9
203	17.4	15.2	22.8



#78
 Terphenyl-d14
 Concen: 58.31 ng
 RT: 19.81 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	12.9	10.4	15.6





#79

Butylbenzylphthalate

Concen: 30.50 ng

RT: 20.51 min Scan# 3034

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

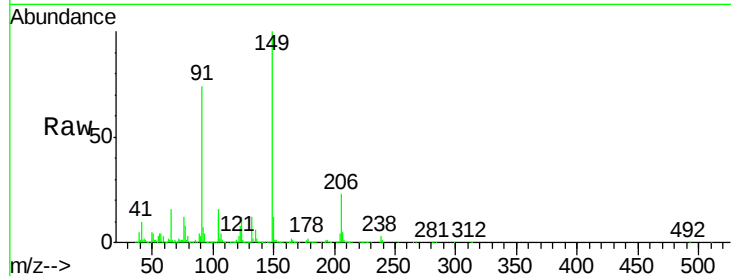
Tgt Ion:149 Resp: 423451

Ion Ratio Lower Upper

149 100

91 74.0 60.6 91.0

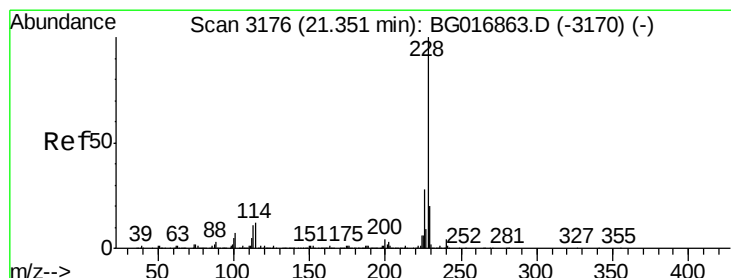
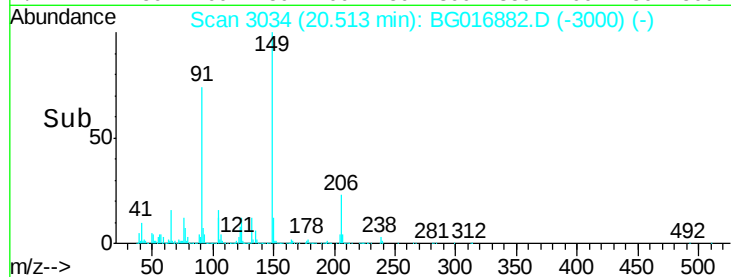
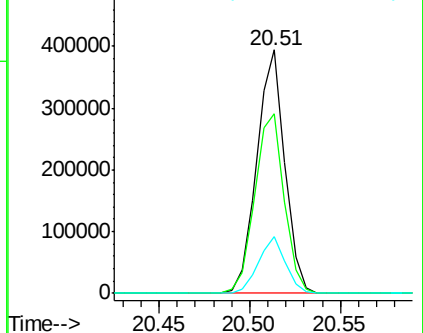
206 23.3 18.4 27.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.49 ng

RT: 21.35 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

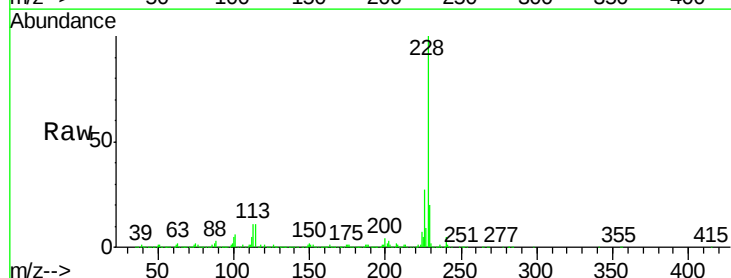
Tgt Ion:228 Resp: 809706

Ion Ratio Lower Upper

228 100

226 27.0 22.7 34.1

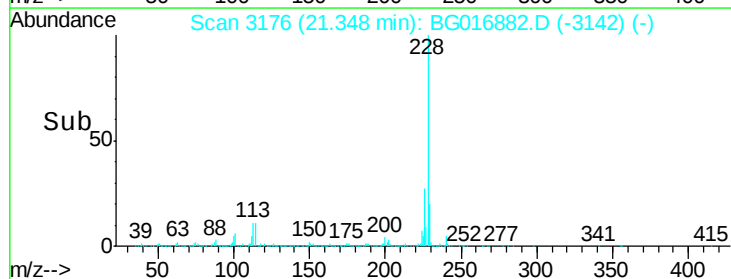
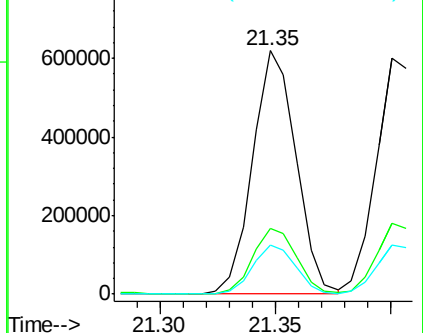
229 20.4 16.1 24.1

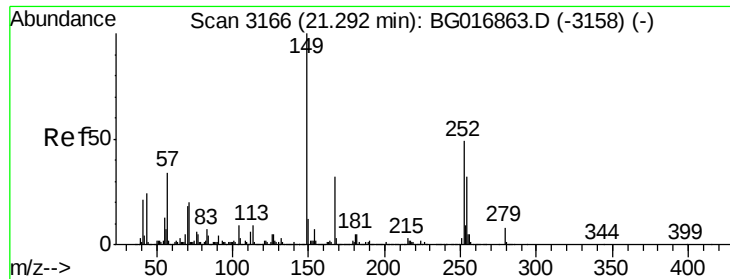


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

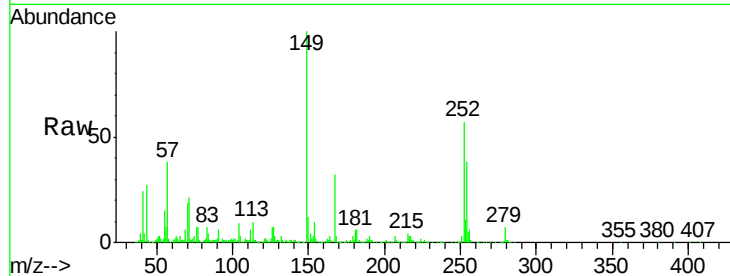




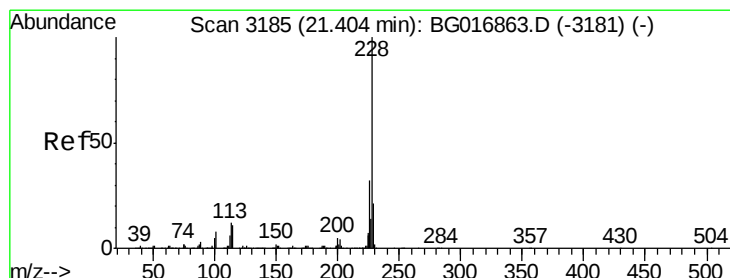
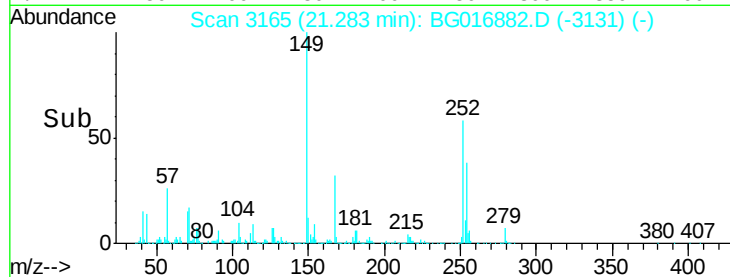
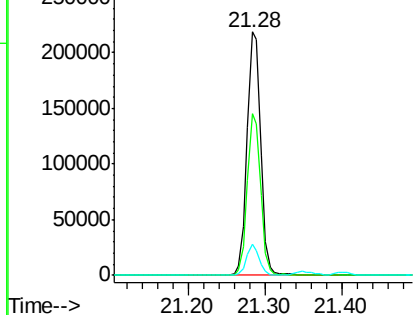
#81
 3,3'-Dichlorobenzidine
 Concen: 26.52 ng
 RT: 21.28 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

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

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.7	77.5
126	13.0	8.9	13.3

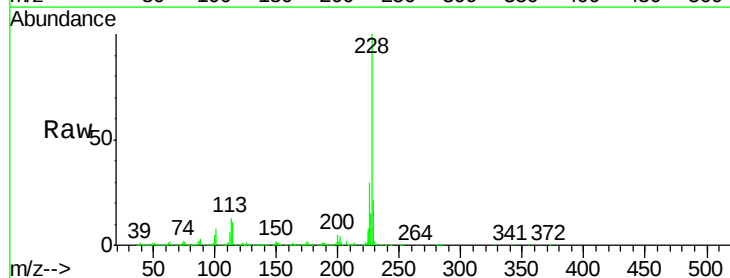


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

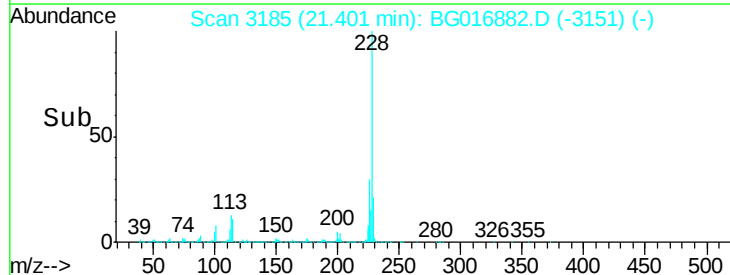
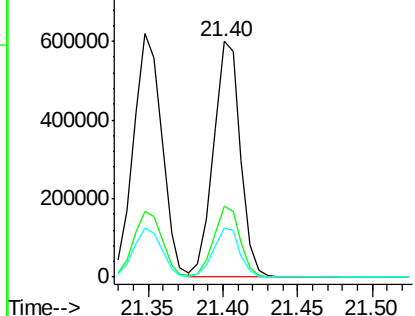


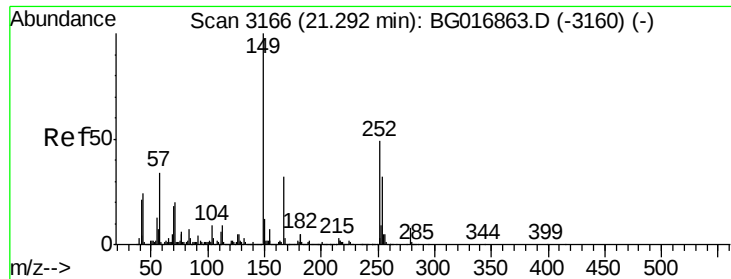
#82
 Chrysene
 Concen: 30.24 ng
 RT: 21.40 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: BG016882.D
 Acq: 6 May 2015 2:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	21.1	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.74 ng

RT: 21.29 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

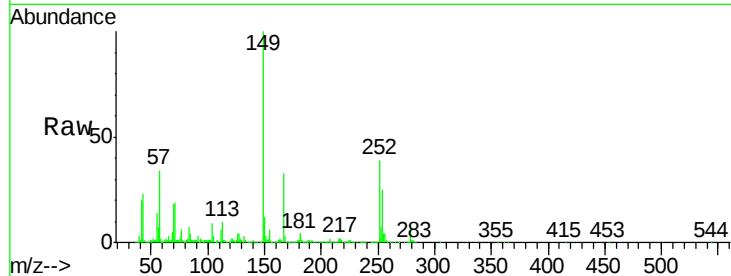
Tgt Ion:149 Resp: 583862

Ion Ratio Lower Upper

149 100

167 32.9 25.4 38.0

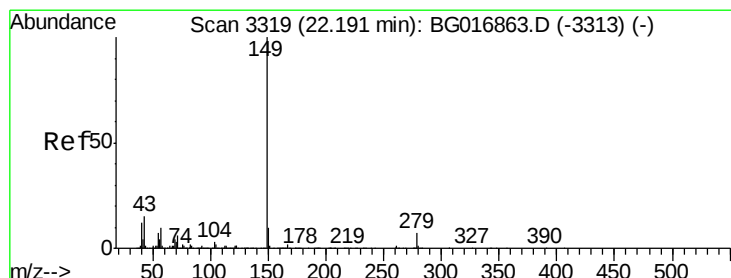
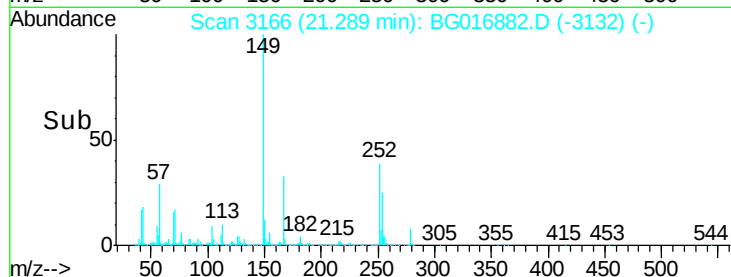
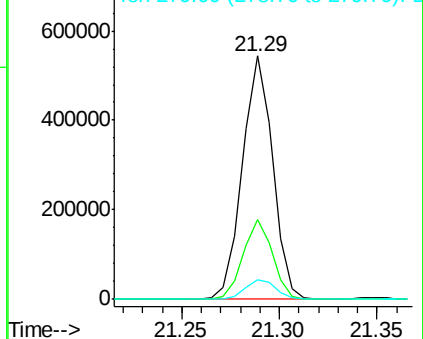
279 8.2 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.09 ng

RT: 22.19 min Scan# 3319

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

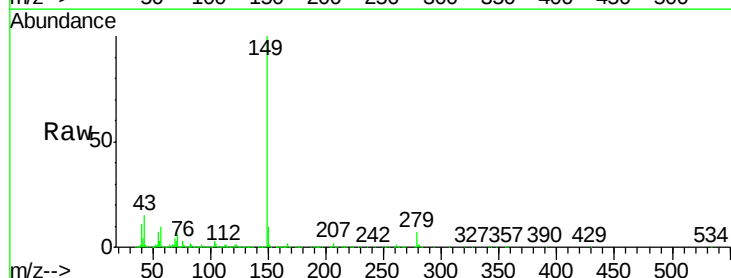
Tgt Ion:149 Resp: 1023825

Ion Ratio Lower Upper

149 100

167 1.8 0.0 0.0#

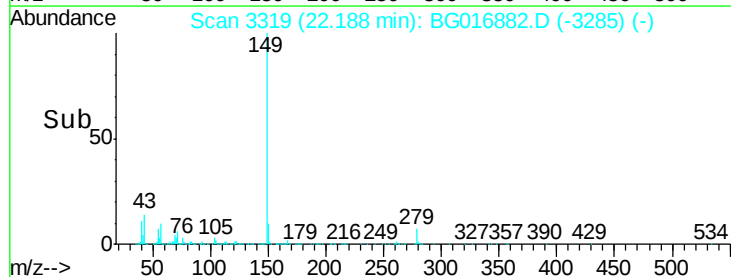
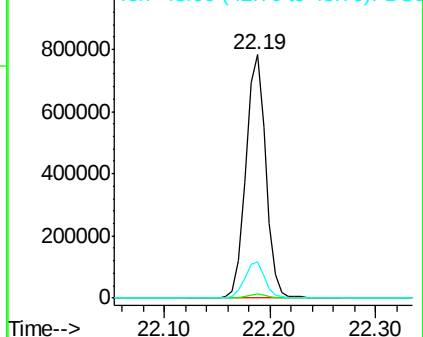
43 14.8 0.0 0.0#

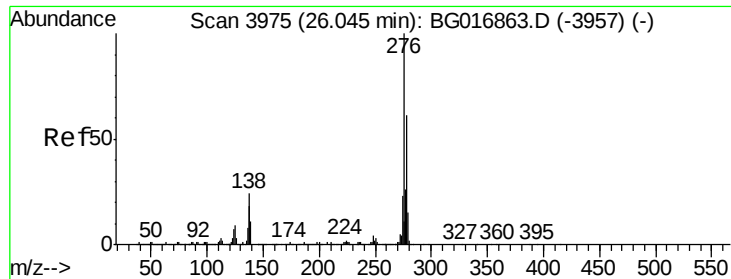


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.54 ng

RT: 26.04 min Scan# 3974

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

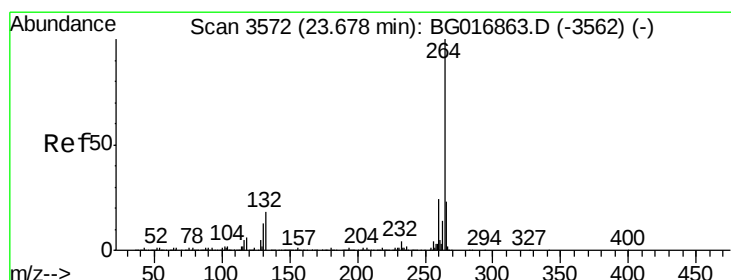
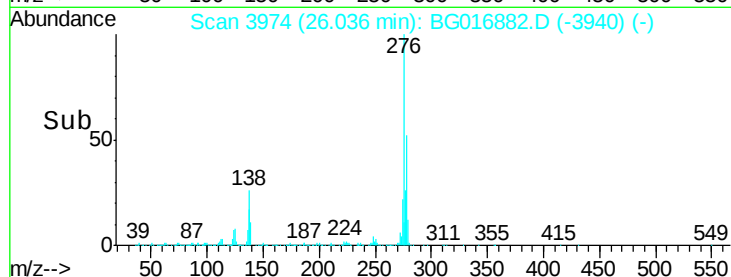
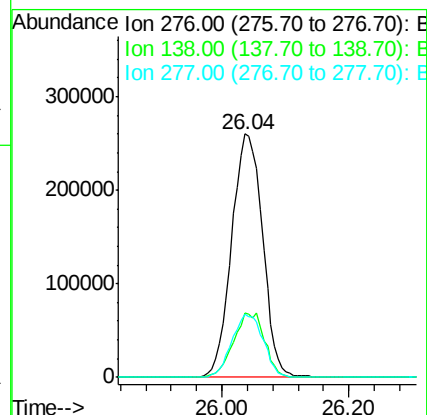
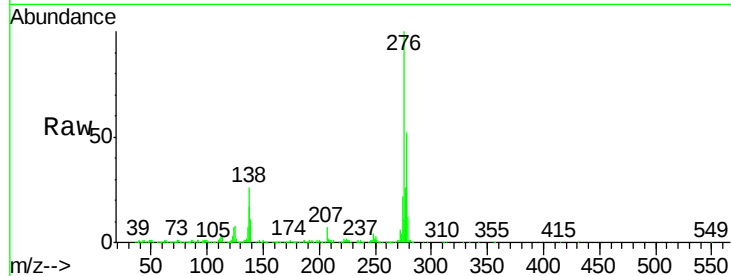
Tgt Ion:276 Resp: 875427

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

277 26.5 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3572

Delta R.T. 0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

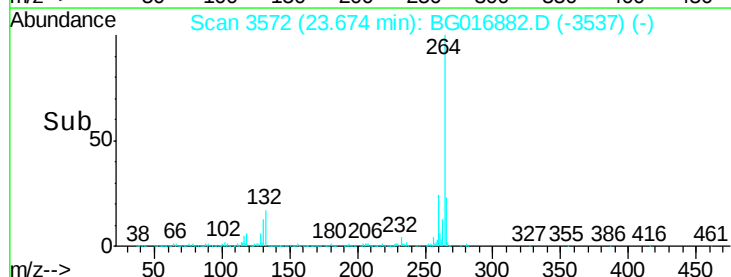
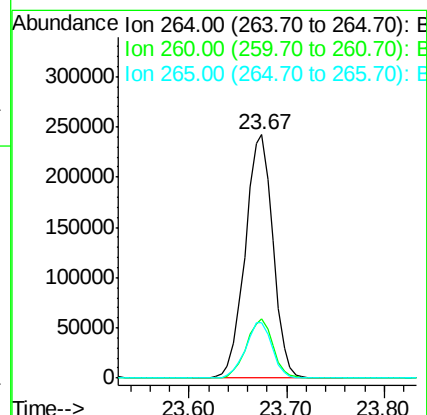
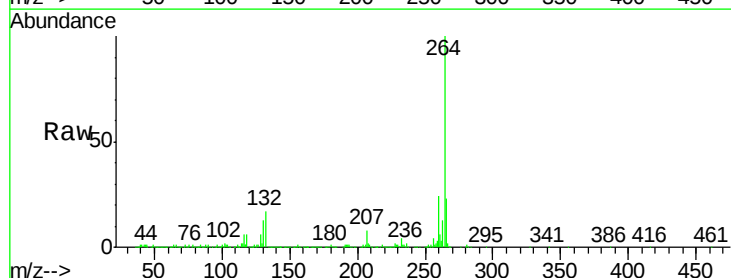
Tgt Ion:264 Resp: 481819

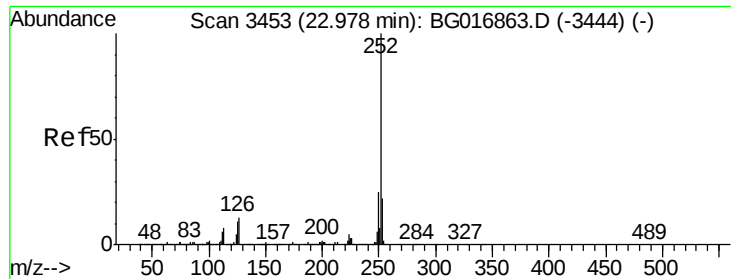
Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.7 18.5 27.7





#87

Benzo(b)fluoranthene

Concen: 31.39 ng

RT: 22.98 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

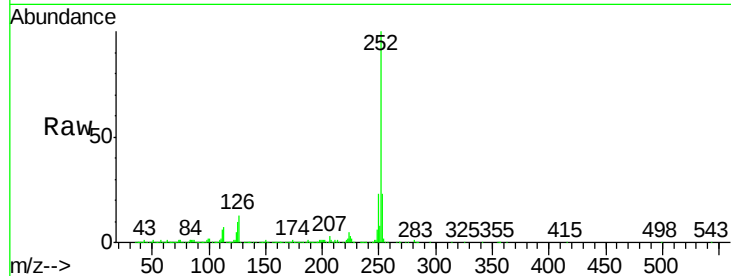
Tgt Ion:252 Resp: 842580

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

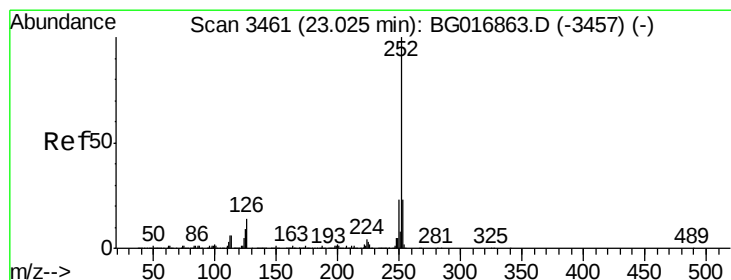
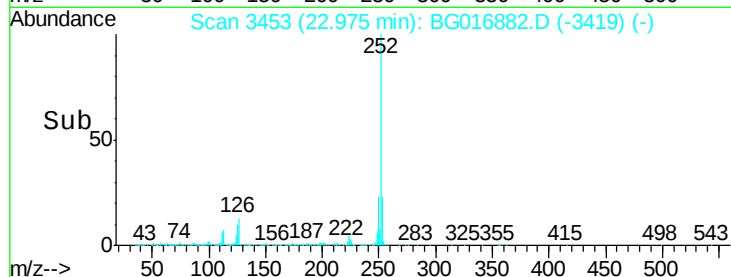
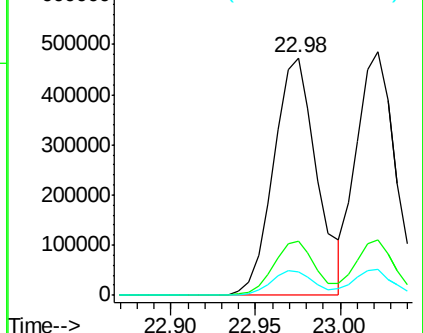
125 9.7 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 29.94 ng

RT: 23.02 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

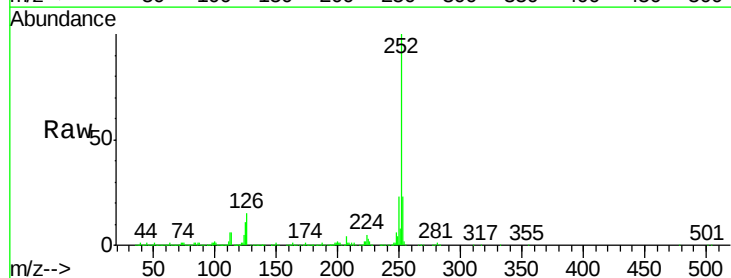
Tgt Ion:252 Resp: 773155

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

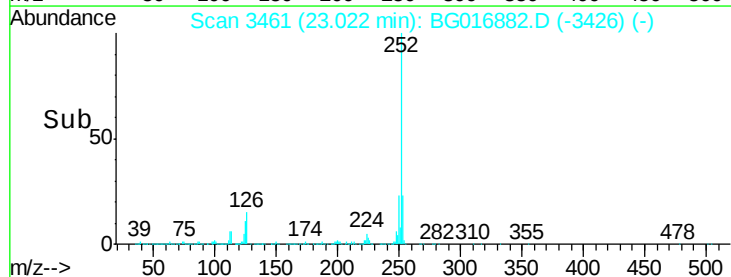
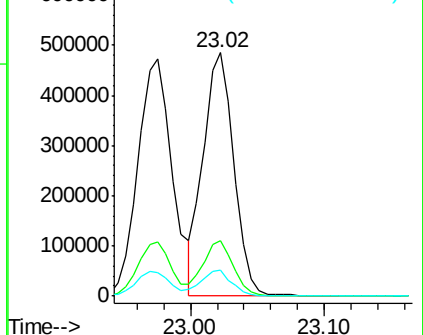
125 10.8 7.9 11.9

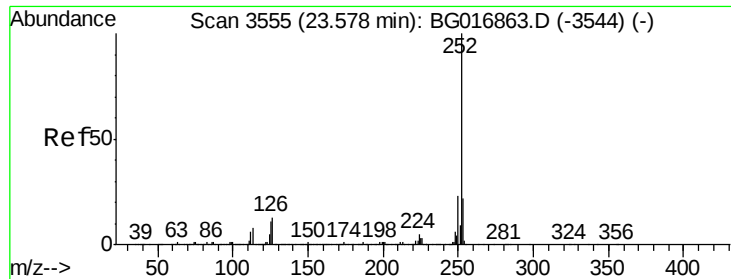


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.30 ng

RT: 23.57 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD

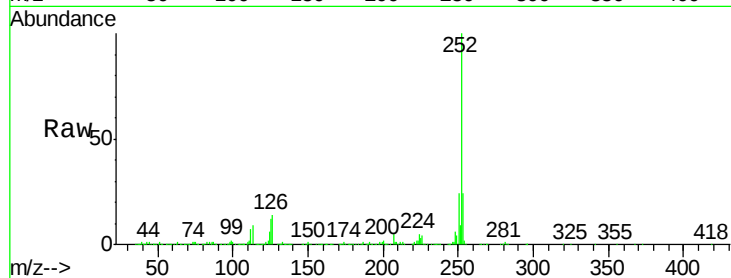
Tgt Ion:252 Resp: 783465

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

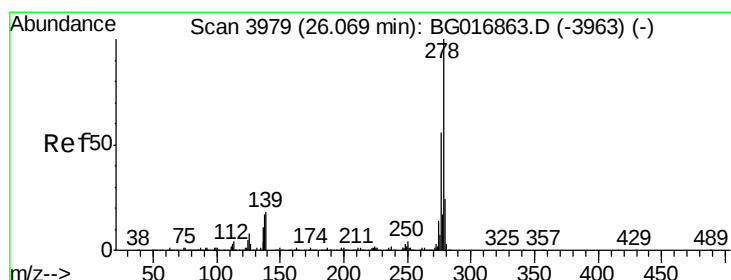
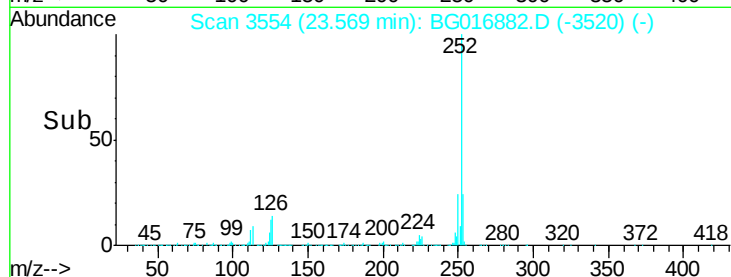
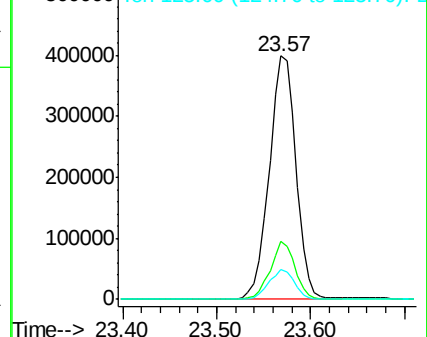
125 12.1 8.5 12.7



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: 28.90 ng

RT: 26.06 min Scan# 3978

Delta R.T. 0.01 min

Lab File: BG016882.D

Acq: 6 May 2015 2:38

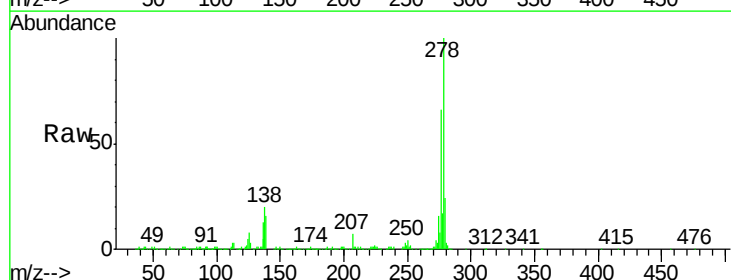
Tgt Ion:278 Resp: 738773

Ion Ratio Lower Upper

278 100

139 16.0 14.2 21.2

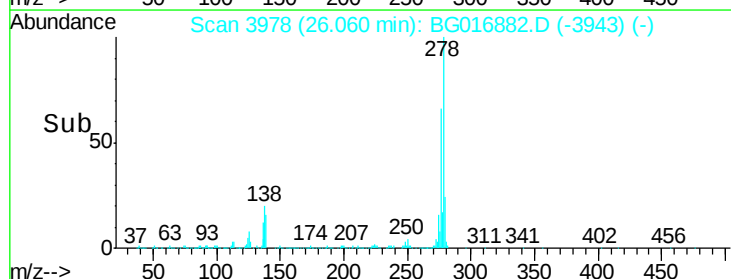
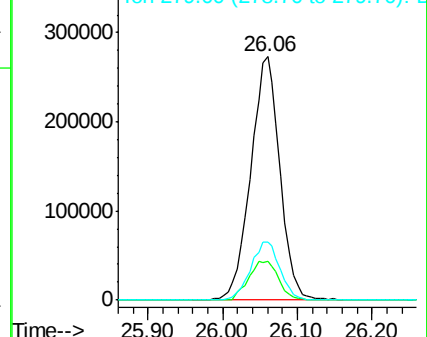
279 23.9 18.9 28.3

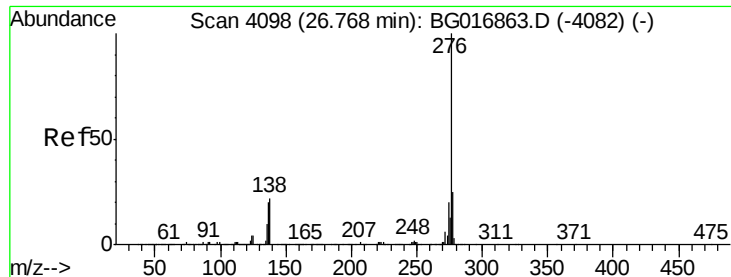


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 29.35 ng

RT: 26.76 min Scan# 4098

Delta R.T. 0.00 min

Lab File: BG016882.D

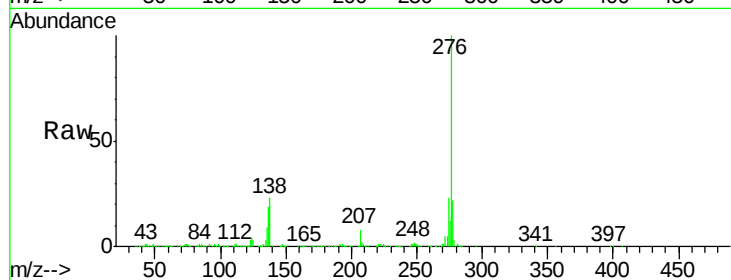
Acq: 6 May 2015 2:38

Instrument :

BNA_F

ClientSampleId :

GRID-6(12-18)MSD



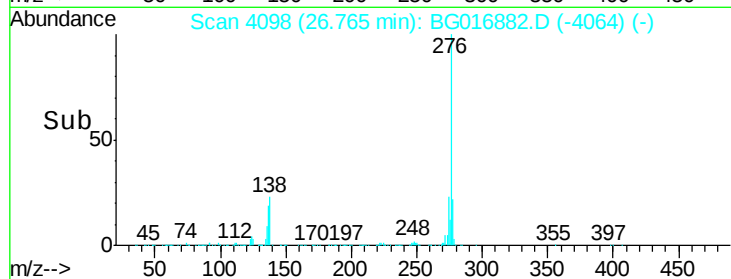
Tgt Ion: 276 Resp: 714472

Ion Ratio Lower Upper

276 100

277 22.3 19.6 29.4

138 23.2 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

26.76

200000

150000

100000

50000

0

Time--> 26.60 26.70 26.80 26.90