

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020074.D
 Acq On : 10 Dec 2015 14:02
 Operator : UM/SJ
 Sample : G4683-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Quant Time: Dec 11 04:42:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18561	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	83589	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56893	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	141635	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	172542	20.00	ng	-0.04
86) Perylene-d12	25.03	264	161942	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	134039	130.52	ng	-0.01
7) Phenol-d6	7.26	99	200124	129.06	ng	-0.01
23) Nitrobenzene-d5	9.28	82	129286	78.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	103570	118.98	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	291512	69.96	ng	-0.02
78) Terphenyl-d14	20.08	244	529269	74.82	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	12541	31.35	ng	# 100
3) Pyridine	3.92	79	40091	33.00	ng	# 88
4) n-Nitrosodimethylamine	3.84	42	21440	33.55	ng	92
6) Aniline	7.43	93	27008	13.45	ng	# 88
8) 2-Chlorophenol	7.67	128	51906	41.45	ng	94
9) Benzaldehyde	7.24	77	35813	34.64	ng	96
10) Phenol	7.29	94	73508	45.04	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	46275	38.29	ng	93
12) 1,3-Dichlorobenzene	8.00	146	52350	36.88	ng	# 93
13) 1,4-Dichlorobenzene	8.14	146	54022	36.85	ng	94
14) 1,2-Dichlorobenzene	8.47	146	52389	37.47	ng	96
15) Benzyl Alcohol	8.34	79	55252	40.61	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	69609	35.31	ng	94
17) 2-Methylphenol	8.55	107	47186	40.96	ng	# 91
18) Hexachloroethane	9.20	117	19157	34.90	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	43822	35.84	ng	91
20) 3+4-Methylphenols	8.87	107	66964	41.28	ng	91
22) Acetophenone	8.94	105	80750	35.24	ng	# 93
24) Nitrobenzene	9.32	77	67098	37.77	ng	91
25) Isophorone	9.84	82	118965	33.88	ng	95
26) 2-Nitrophenol	10.04	139	29767	43.38	ng	# 78
27) 2,4-Dimethylphenol	10.08	122	51343	35.93	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	65951	38.44	ng	99
29) 2,4-Dichlorophenol	10.57	162	60894	41.72	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	60128	36.45	ng	95
31) Naphthalene	10.98	128	167944	37.50	ng	99
32) Benzoic acid	10.14	122	3597	9.27	ng	90
33) 4-Chloroaniline	11.08	127	20601	10.44	ng	# 95
34) Hexachlorobutadiene	11.26	225	41873	34.41	ng	97
35) Caprolactam	11.85	113	15359	28.26	ng	# 73
36) 4-Chloro-3-methylphenol	12.19	107	68682	37.78	ng	93
37) 2-Methylnaphthalene	12.57	142	124160	37.83	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	81684	37.83	ng	99
40) Hexachlorocyclopentadiene	12.91	237	73181	59.45	ng	97

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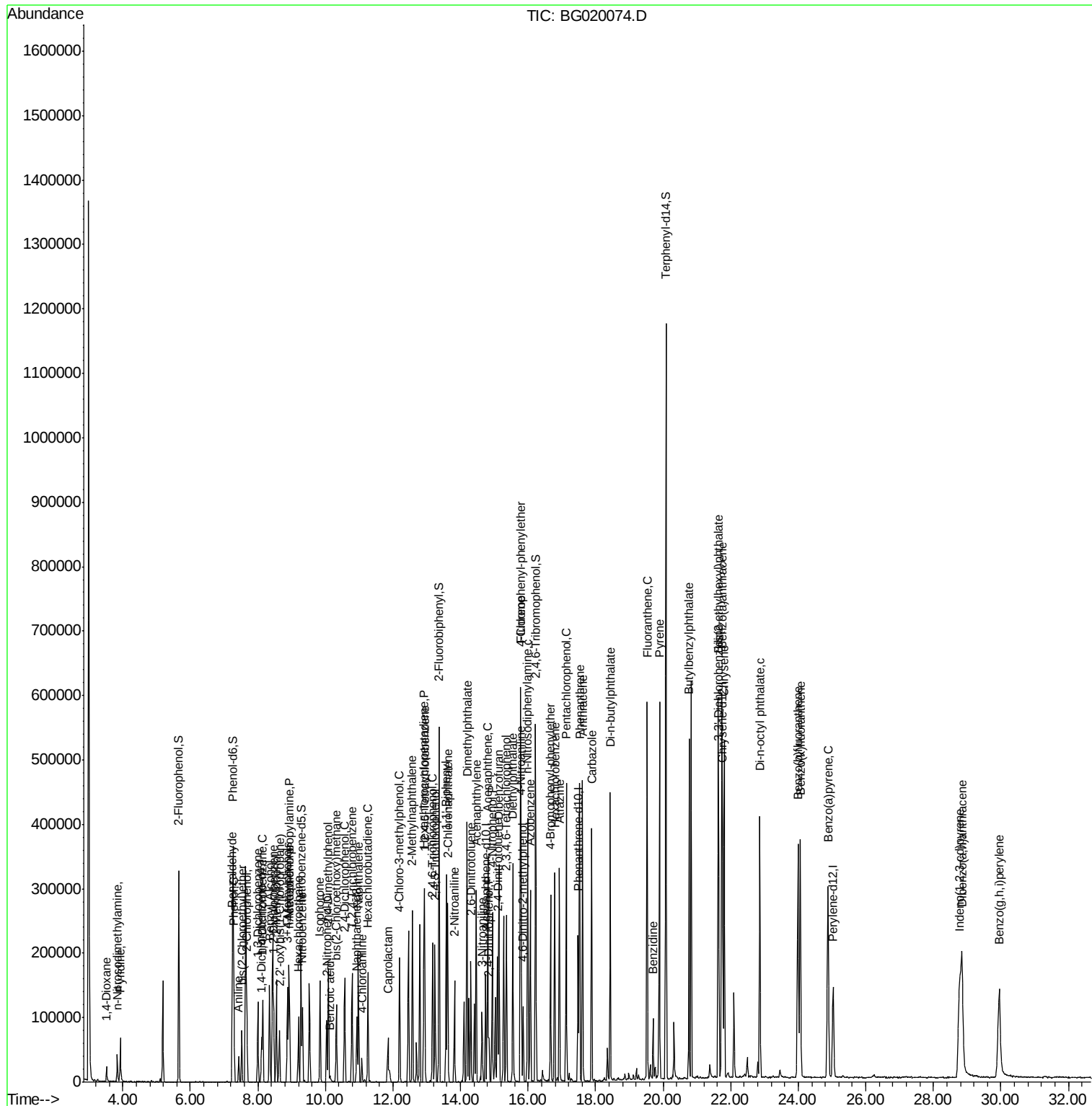
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57008	39.88	ng	98
43) 2,4,5-Trichlorophenol	13.24	196	60952	40.35	ng	96
45) 1,1'-Biphenyl	13.57	154	167105	35.79	ng	98
46) 2-Chloronaphthalene	13.62	162	135338	37.61	ng	95
47) 2-Nitroaniline	13.82	65	46930	41.29	ng	89
48) Acenaphthylene	14.47	152	222964	36.37	ng	99
49) Dimethylphthalate	14.19	163	258518	50.51	ng	98
50) 2,6-Dinitrotoluene	14.31	165	39355	40.90	ng	# 77
51) Acenaphthene	14.81	154	142079	38.20	ng	99
52) 3-Nitroaniline	14.64	138	26289	26.30	ng	93
53) 2,4-Dinitrophenol	14.84	184	21621	46.60	ng	91
54) Dibenzofuran	15.14	168	222021	40.12	ng	93
55) 4-Nitrophenol	14.94	139	64405	73.98	ng	# 71
56) 2,4-Dinitrotoluene	15.09	165	56878	42.37	ng	# 92
57) Fluorene	15.78	166	176202	35.57	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	59078	42.25	ng	# 96
59) Diethylphthalate	15.55	149	184091	33.24	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	96853	34.06	ng	95
61) 4-Nitroaniline	15.80	138	40933	36.41	ng	# 76
62) Azobenzene	16.06	77	170432	36.98	ng	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	27137	35.87	ng	95
65) n-Nitrosodiphenylamine	15.99	169	157545	38.44	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	64125	36.44	ng	97
67) Hexachlorobenzene	16.79	284	69067	37.67	ng	96
68) Atrazine	16.93	200	65996	37.06	ng	94
69) Pentachlorophenol	17.13	266	83960	78.46	ng	91
70) Phenanthrene	17.53	178	296888	37.05	ng	96
71) Anthracene	17.61	178	305213	37.39	ng	94
72) Carbazole	17.88	167	267627	37.22	ng	97
73) Di-n-butylphthalate	18.43	149	312293	35.43	ng	99
74) Fluoranthene	19.52	202	371932	36.29	ng	94
76) Benzidine	19.70	184	52536	9.27	ng	98
77) Pyrene	19.89	202	380469	37.48	ng	95
79) Butylbenzylphthalate	20.76	149	144887	36.42	ng	99
80) Benzo(a)anthracene	21.73	228	385330	36.48	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	71376	17.74	ng	95
82) Chrysene	21.80	228	350411	34.94	ng	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	212000	36.31	ng	# 95
84) Di-n-octyl phthalate	22.86	149	360167	37.94	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.78	276	410382	37.15	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	378810	36.91	ng	# 94
88) Benzo(k)fluoranthene	24.06	252	360755	35.49	ng	# 94
89) Benzo(a)pyrene	24.88	252	358607	36.80	ng	# 95
90) Dibenzo(a,h)anthracene	28.85	278	342026	35.53	ng	# 91
91) Benzo(g,h,i)perylene	29.95	276	329697	34.88	ng	# 92

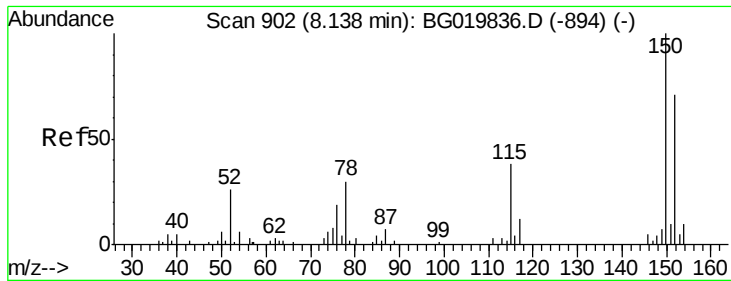
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG020074.D  
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Sample    : G4683-02MS  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

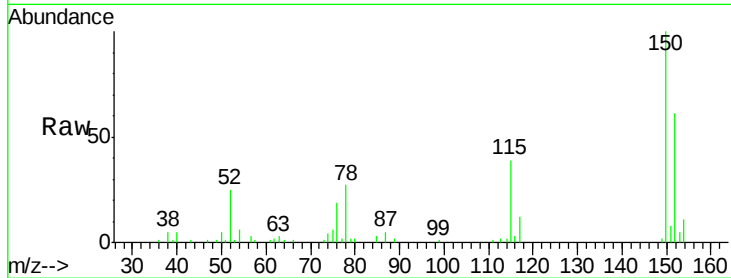
Tgt Ion:152 Resp: 18561

Ion Ratio Lower Upper

152 100

150 163.6 115.0 172.4

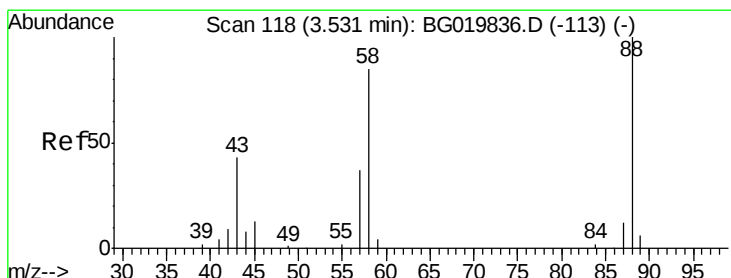
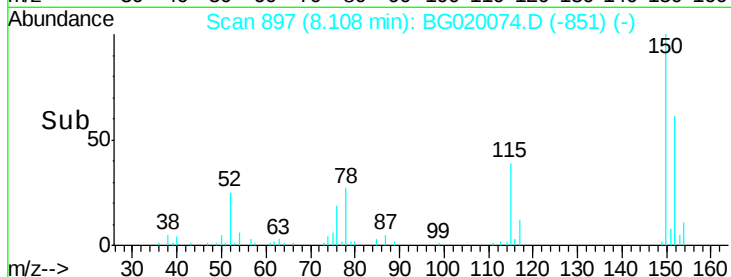
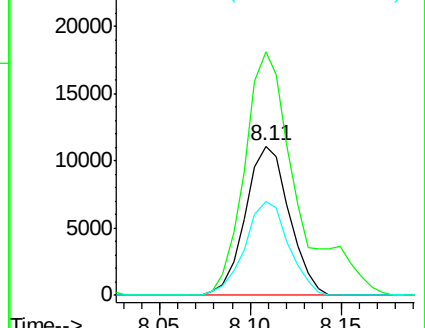
115 63.4 43.9 65.9



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: 31.35 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

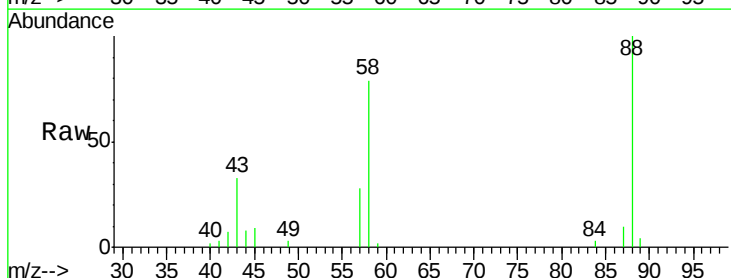
Tgt Ion: 88 Resp: 12541

Ion Ratio Lower Upper

88 100

58 83.4 0.0 0.0#

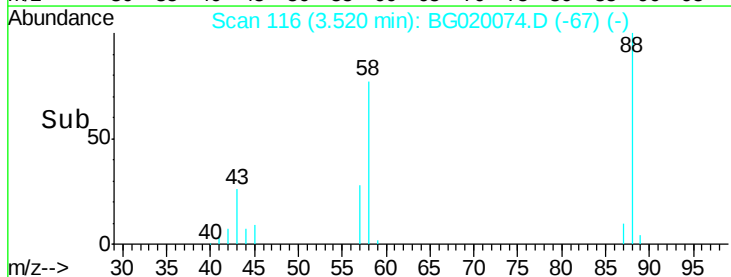
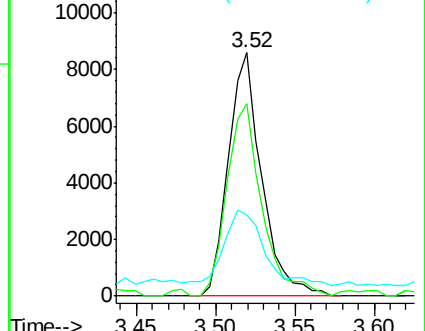
43 37.6 0.0 0.0#



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: 33.00 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

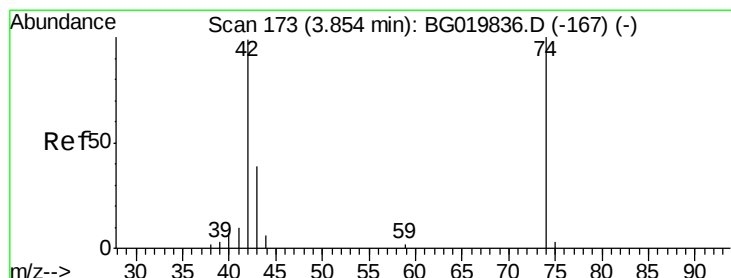
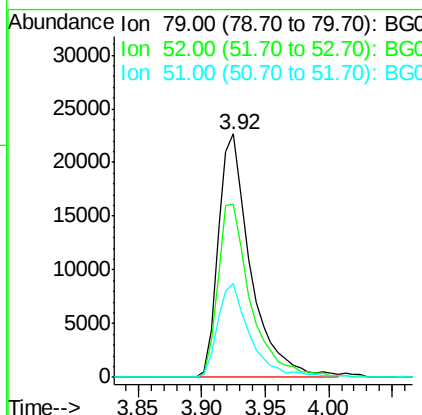
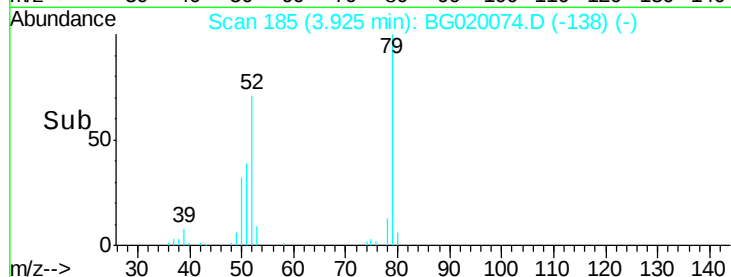
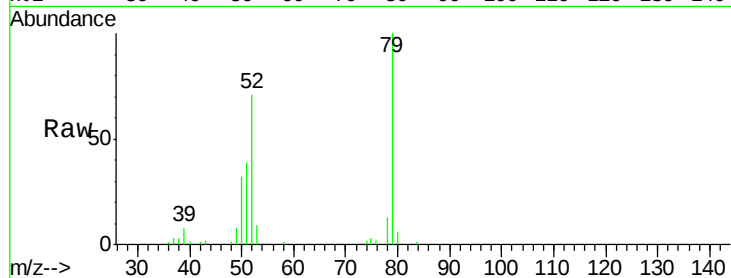
Tgt Ion: 79 Resp: 40091

Ion Ratio Lower Upper

79 100

52 71.1 50.3 75.5

51 38.7 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 33.55 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

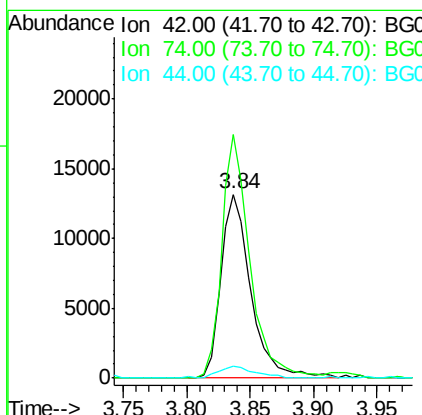
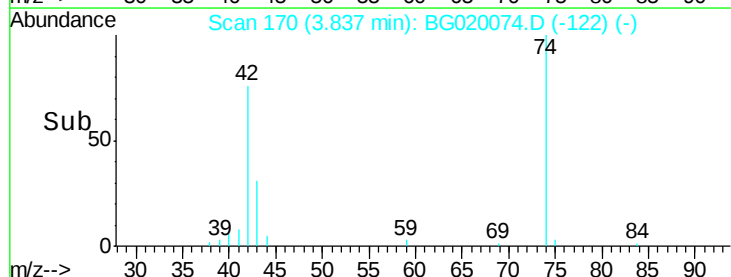
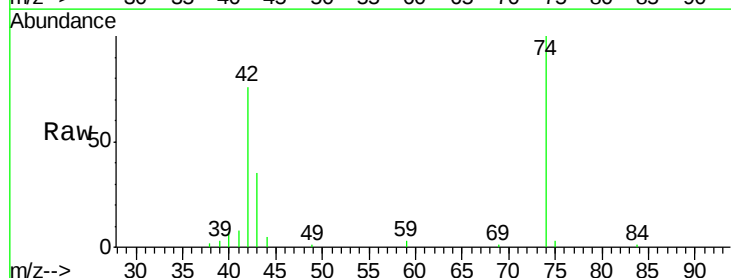
Tgt Ion: 42 Resp: 21440

Ion Ratio Lower Upper

42 100

74 132.3 113.9 170.9

44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 130.52 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

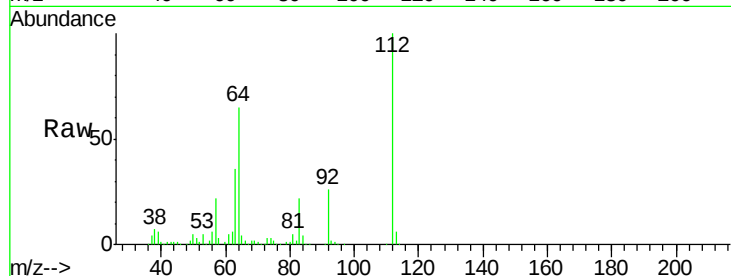
Tgt Ion: 112 Resp: 134039

Ion Ratio Lower Upper

112 100

64 65.1 43.7 65.5

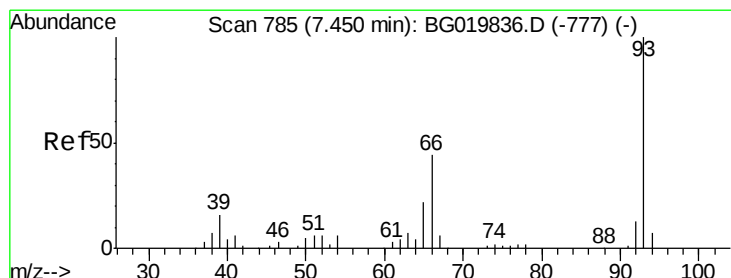
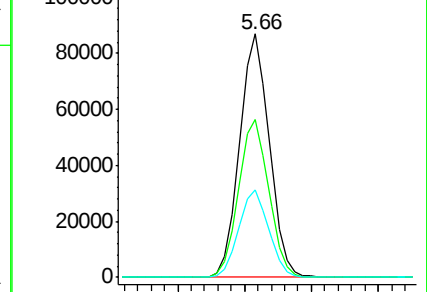
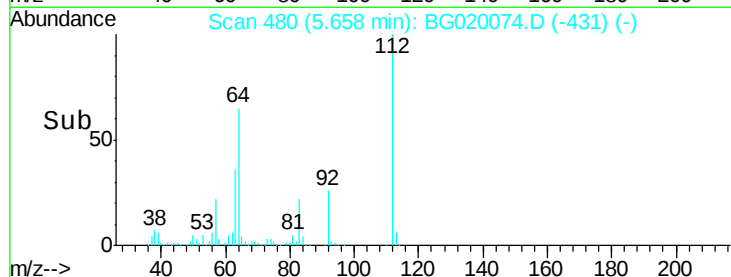
63 36.0 24.0 36.0#



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: 13.45 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

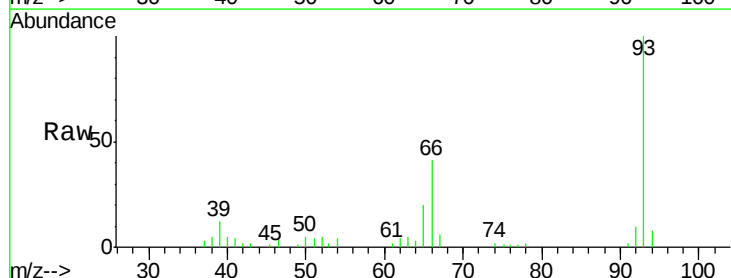
Tgt Ion: 93 Resp: 27008

Ion Ratio Lower Upper

93 100

66 40.8 26.2 39.2#

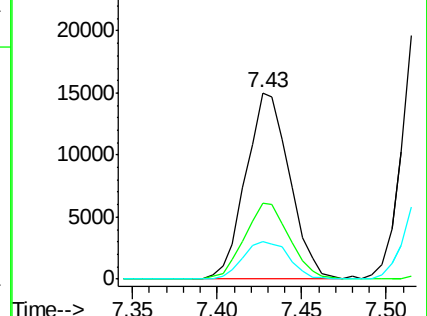
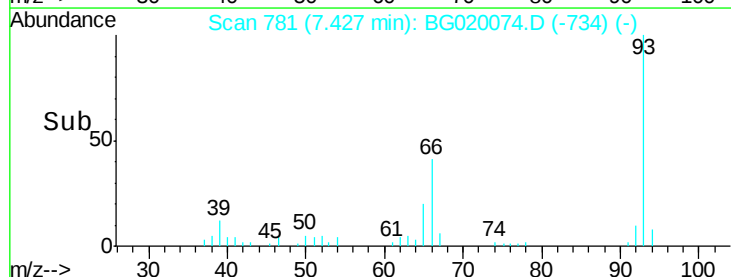
65 20.2 14.0 21.0

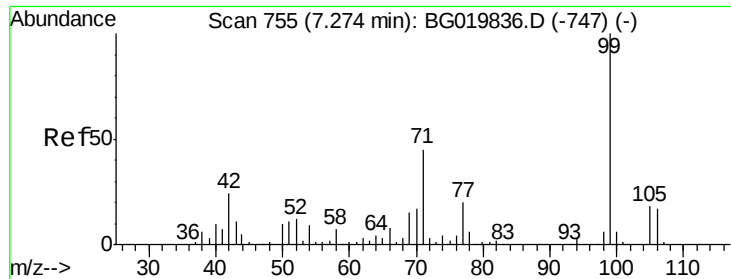


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.06 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

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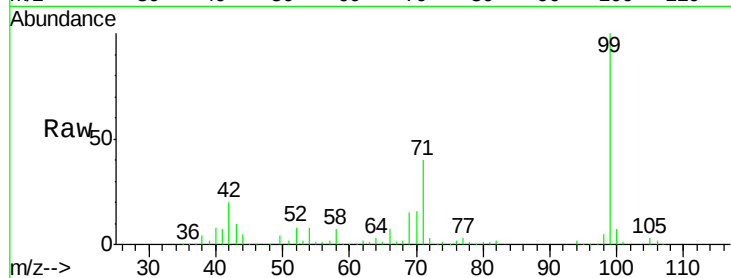
Tgt Ion: 99 Resp: 200124

Ion Ratio Lower Upper

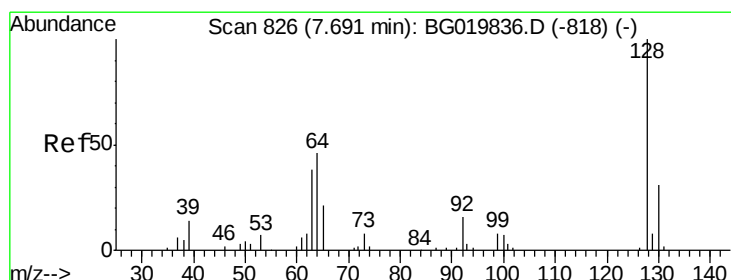
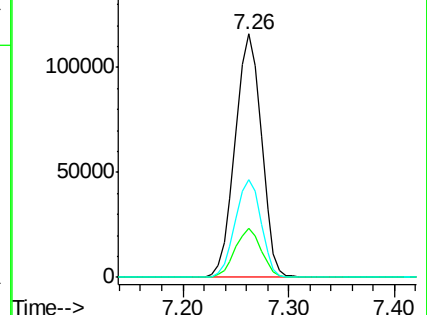
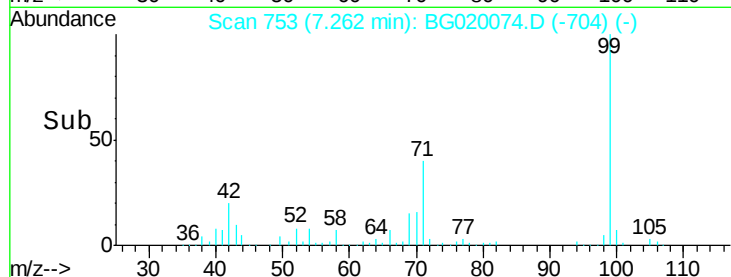
99 100

42 20.2 11.5 17.3#

71 39.9 22.6 34.0#



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: 41.45 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

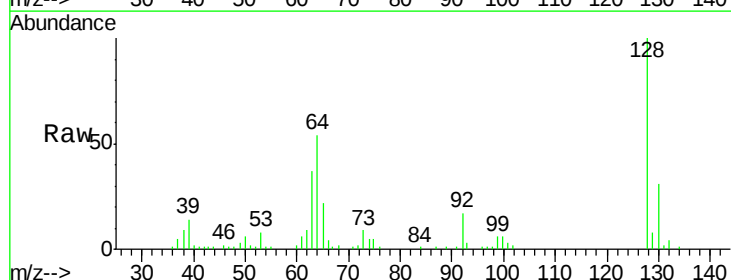
Tgt Ion: 128 Resp: 51906

Ion Ratio Lower Upper

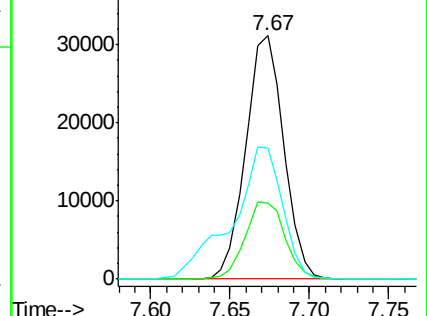
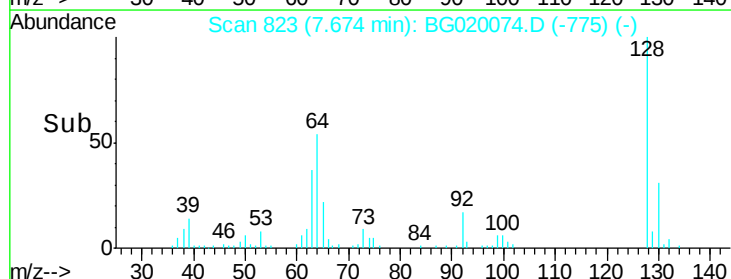
128 100

130 31.4 13.0 53.0

64 53.6 28.2 68.2



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: 34.64 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampled :

S8-14.5MS

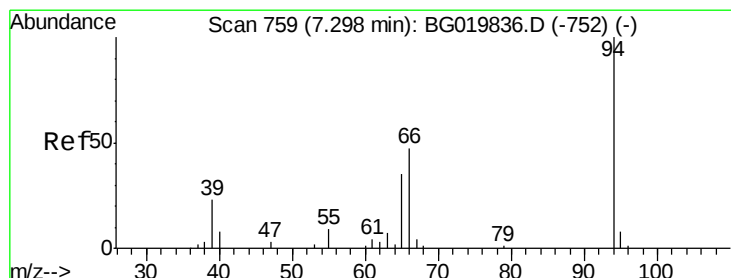
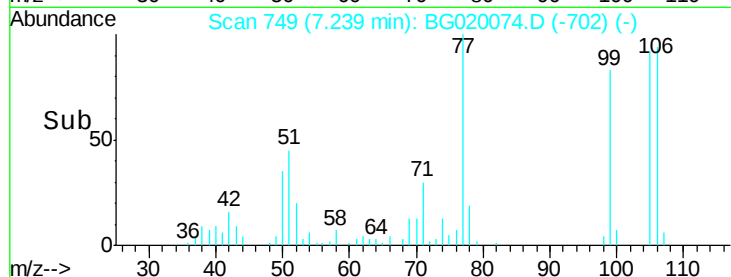
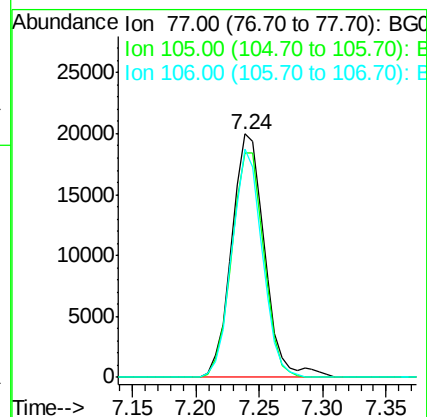
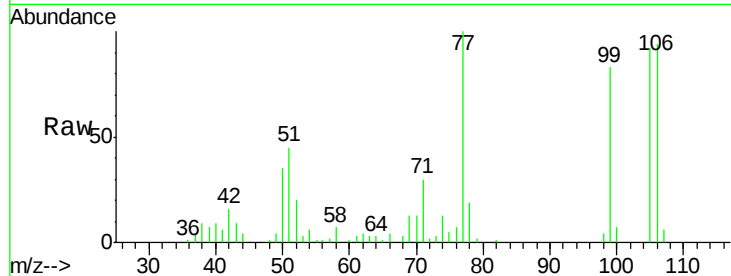
Tgt Ion: 77 Resp: 35813

Ion Ratio Lower Upper

77 100

105 91.9 77.7 117.7

106 93.9 75.8 115.8



#10

Phenol

Concen: 45.04 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

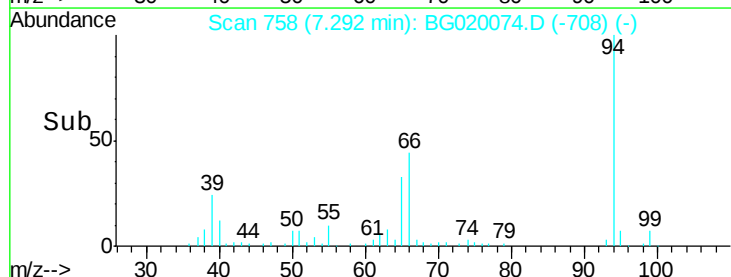
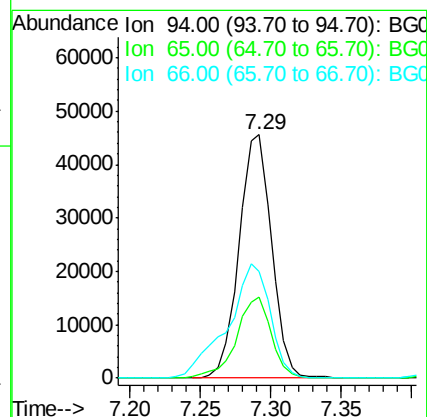
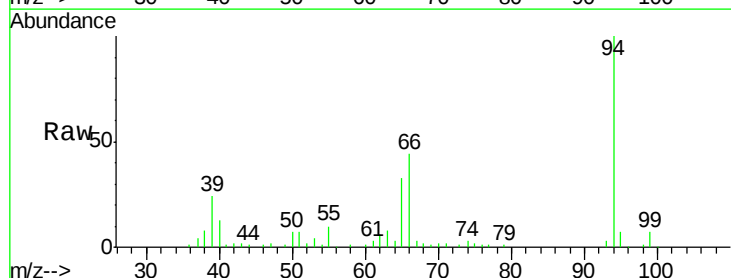
Tgt Ion: 94 Resp: 73508

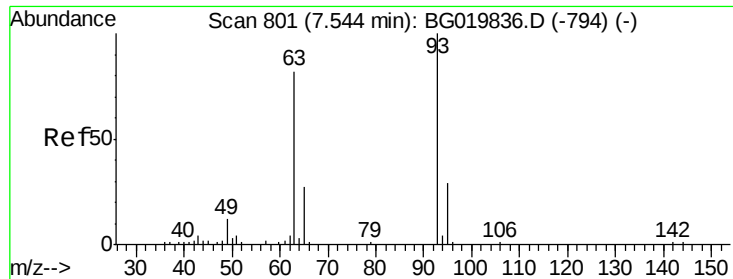
Ion Ratio Lower Upper

94 100

65 33.1 5.4 45.4

66 43.6 11.8 51.8

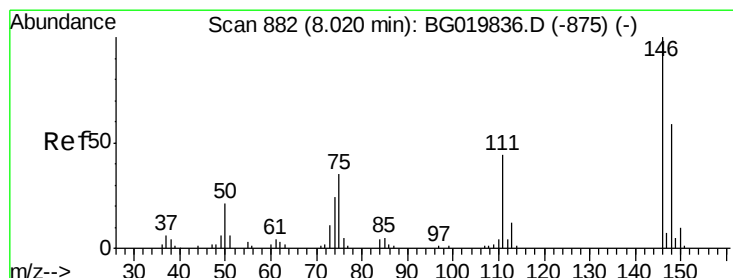
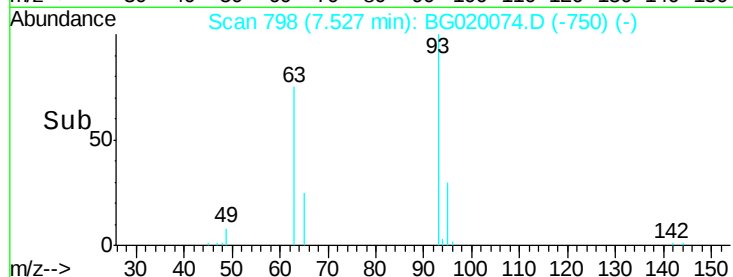
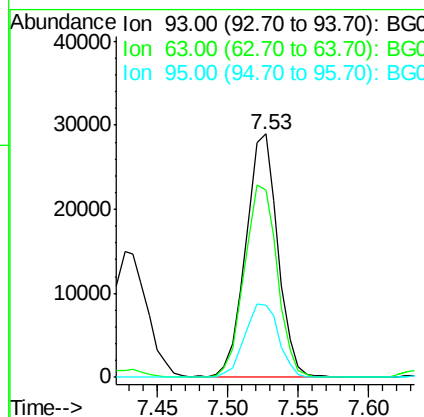
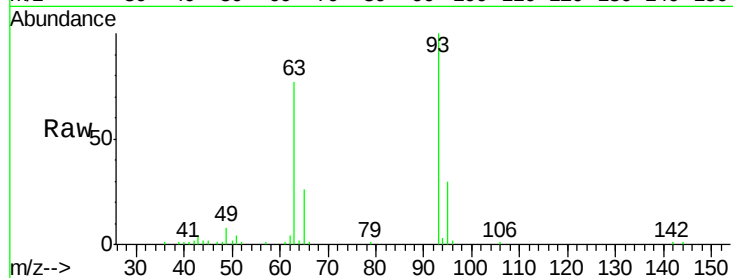




#11
bis(2-Chloroethyl)ether
Concen: 38.29 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

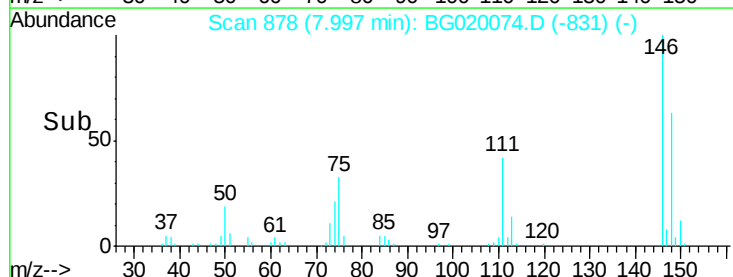
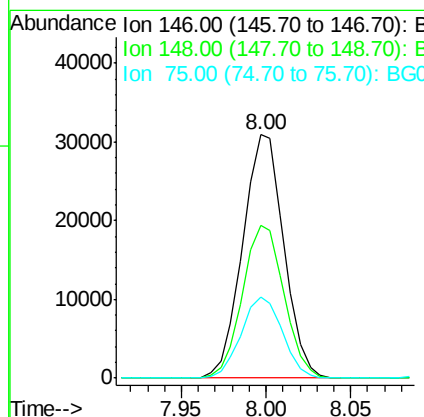
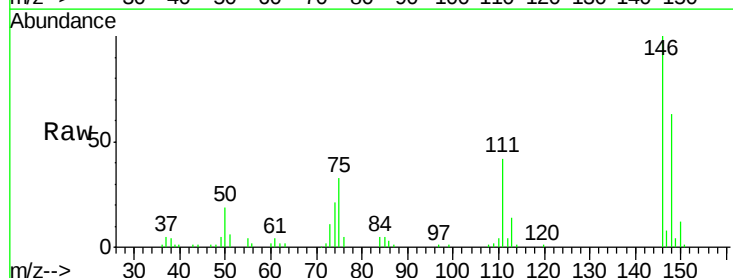
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

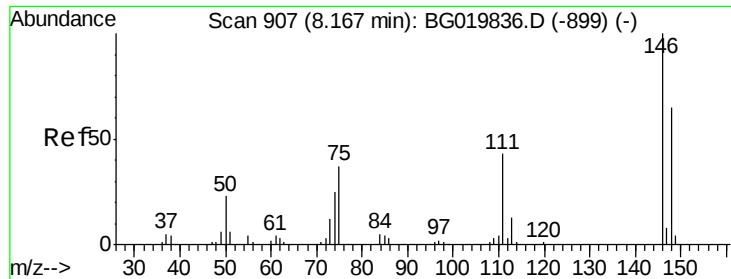
Tgt Ion: 93 Resp: 46275
Ion Ratio Lower Upper
93 100
63 77.1 50.5 90.5
95 29.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 36.88 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion: 146 Resp: 52350
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.0
75 33.2 21.1 31.7#

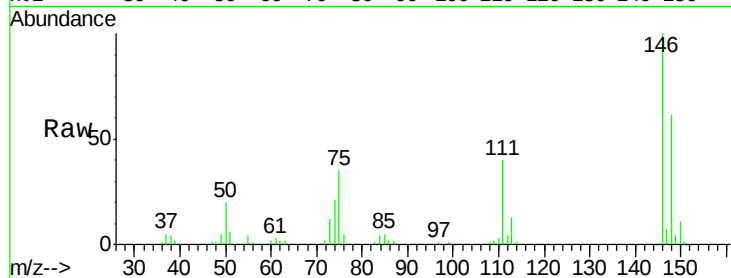




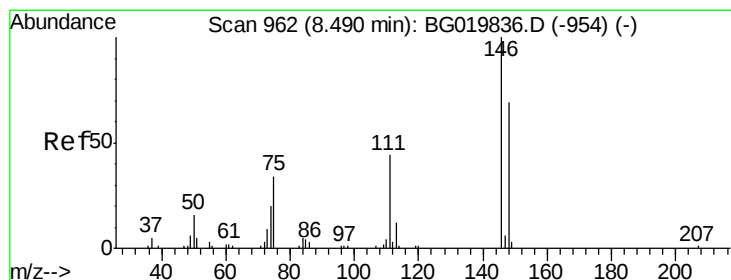
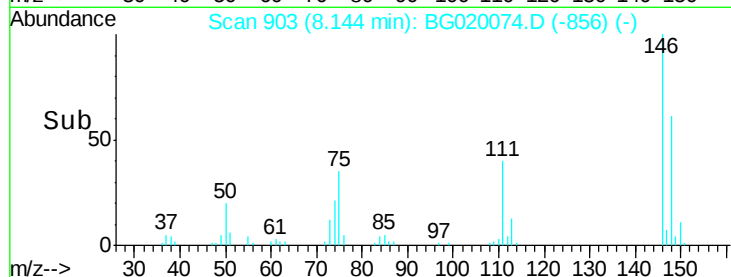
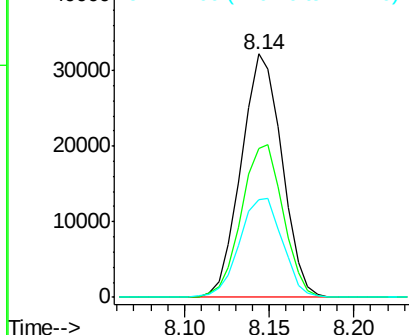
#13
 1,4-Dichlorobenzene
 Concen: 36.85 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion:146 Resp: 54022
 Ion Ratio Lower Upper
 146 100
 148 61.3 52.5 78.7
 111 40.3 28.3 42.5

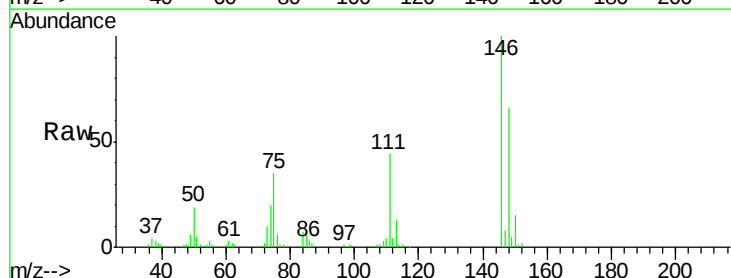


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

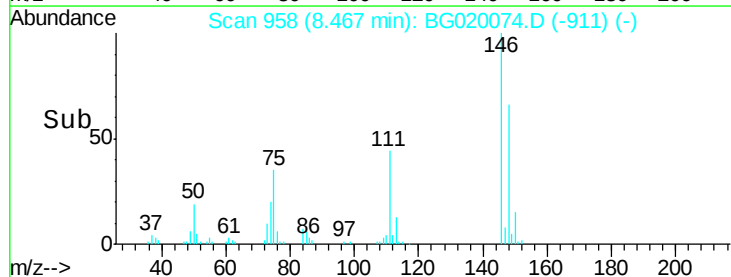
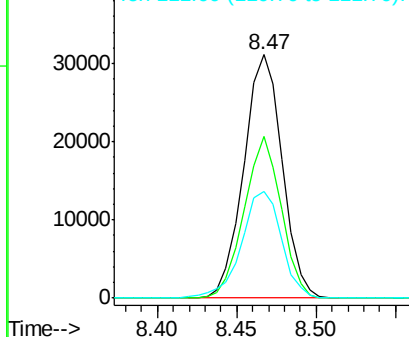


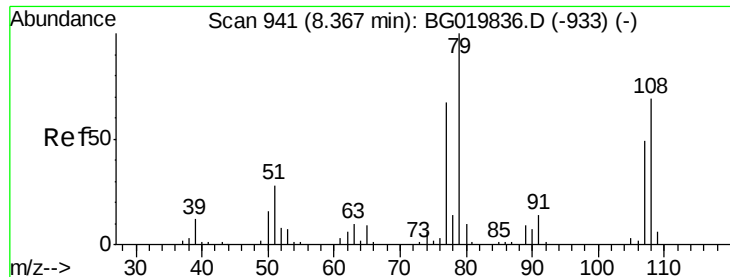
#14
 1,2-Dichlorobenzene
 Concen: 37.47 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion:146 Resp: 52389
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.5 78.7
 111 43.6 29.9 44.9



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





#15

Benzyl Alcohol

Concen: 40.61 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

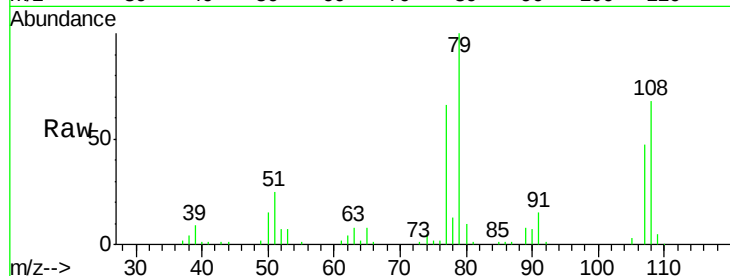
Tgt Ion: 79 Resp: 55252

Ion Ratio Lower Upper

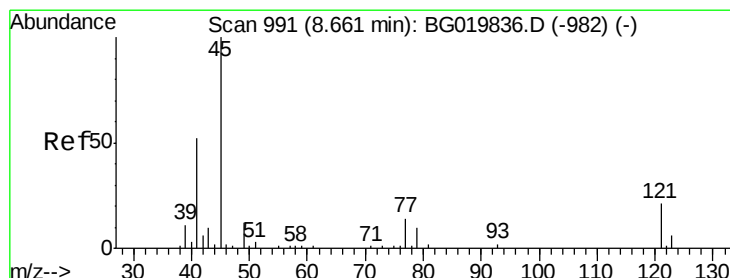
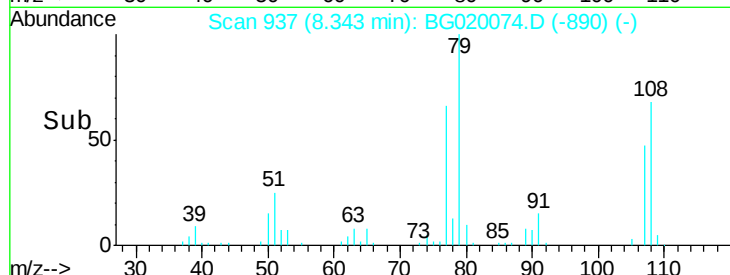
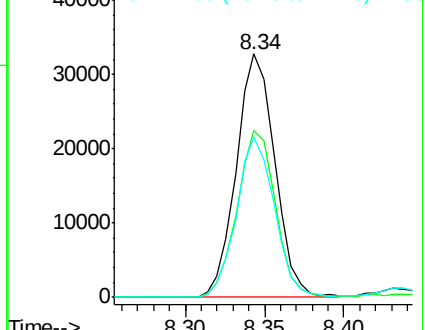
79 100

108 68.4 65.5 98.3

77 66.0 51.3 76.9



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: 35.31 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

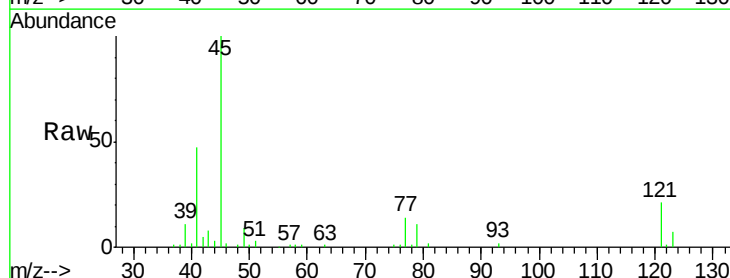
Tgt Ion: 45 Resp: 69609

Ion Ratio Lower Upper

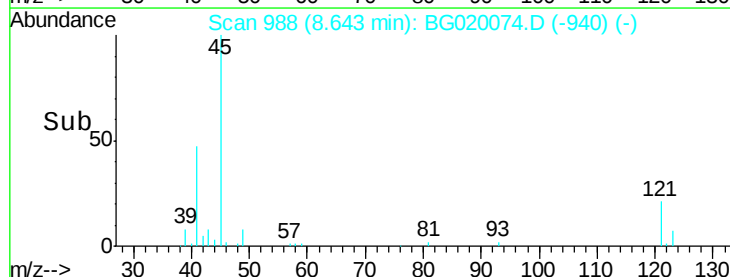
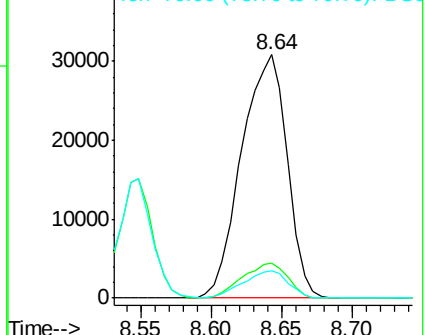
45 100

77 14.1 0.0 37.0

79 11.3 0.0 33.8



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

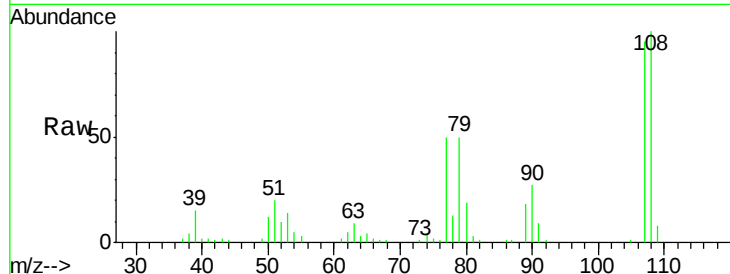




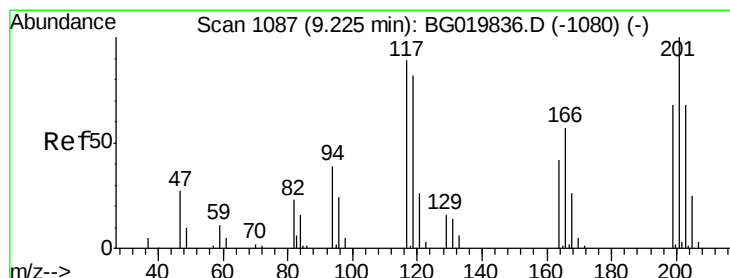
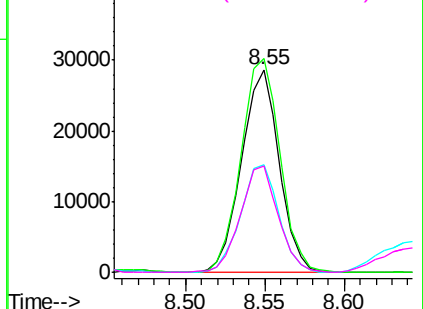
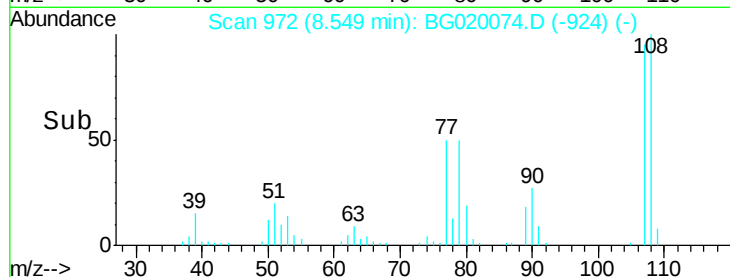
#17
2-Methylphenol
Concen: 40.96 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

Tgt Ion:107 Resp: 47186
Ion Ratio Lower Upper
107 100
108 105.3 86.5 129.7
77 52.8 34.6 51.8#
79 52.7 32.3 48.5#

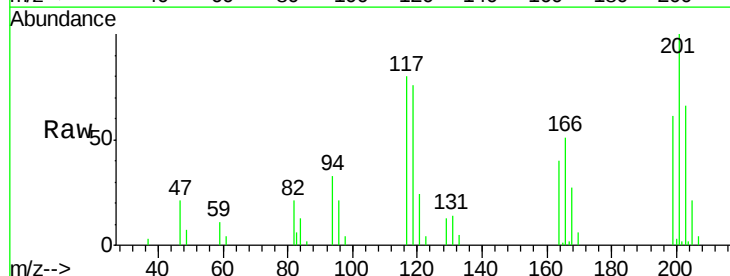


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

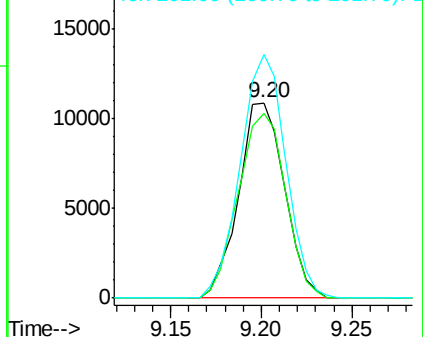
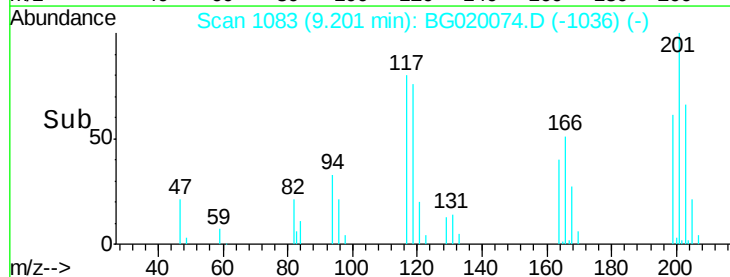


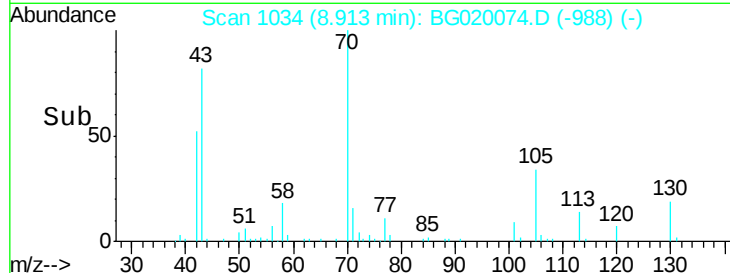
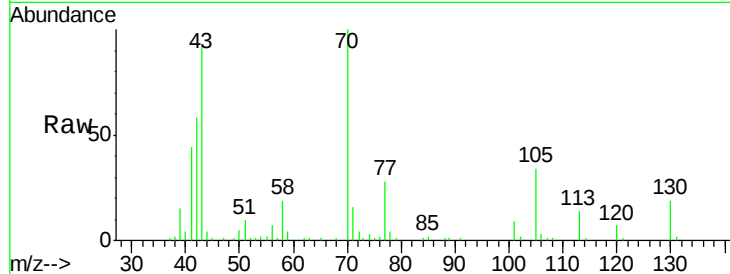
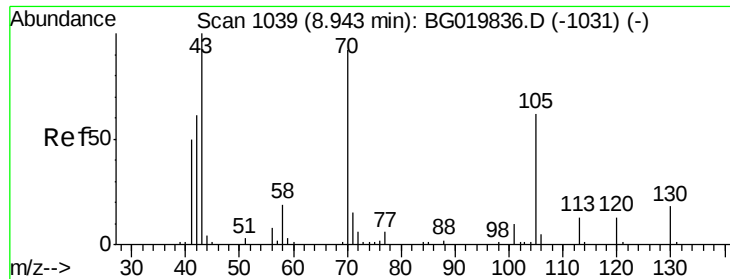
#18
Hexachloroethane
Concen: 34.90 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion:117 Resp: 19157
Ion Ratio Lower Upper
117 100
119 94.7 71.7 107.5
201 124.7 90.9 136.3



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

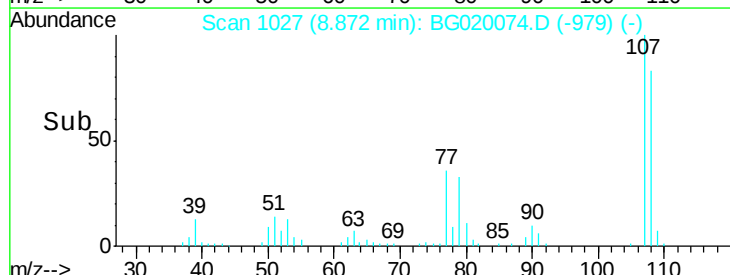
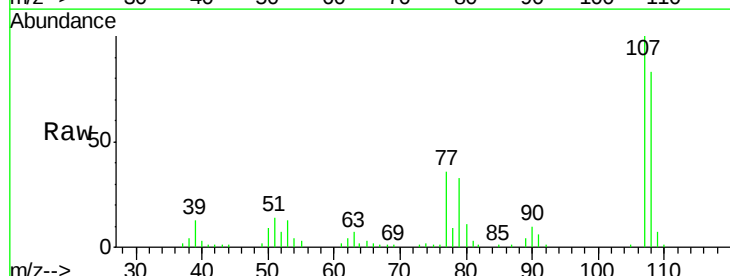
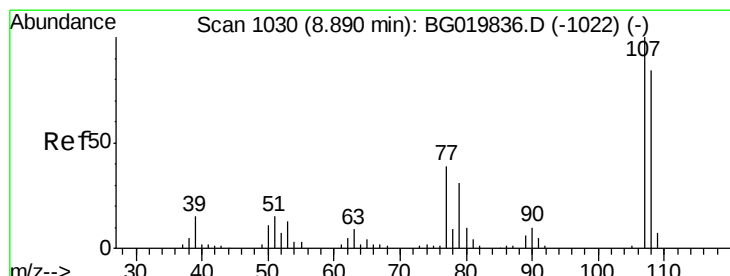
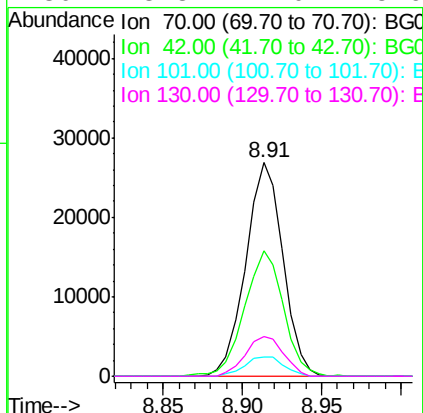




#19
n-Nitroso-di-n-propylamine
Concen: 35.84 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

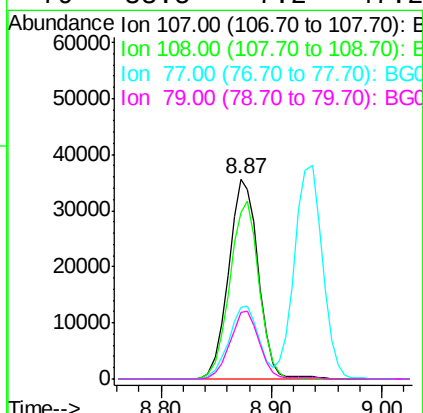
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

Tgt Ion:	70	Resp:	43822
Ion	Ratio	Lower	Upper
70	100		
42	58.5	40.6	60.8
101	9.0	8.6	13.0
130	18.8	17.0	25.6



#20
3+4-Methylphenols
Concen: 41.28 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion:	107	Resp:	66964
Ion	Ratio	Lower	Upper
107	100		
108	83.1	72.2	112.2
77	35.7	13.4	53.4
79	33.5	7.2	47.2

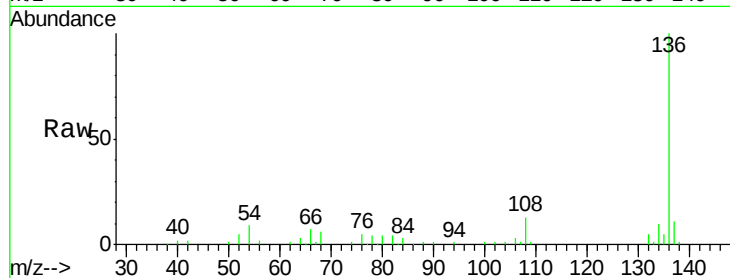




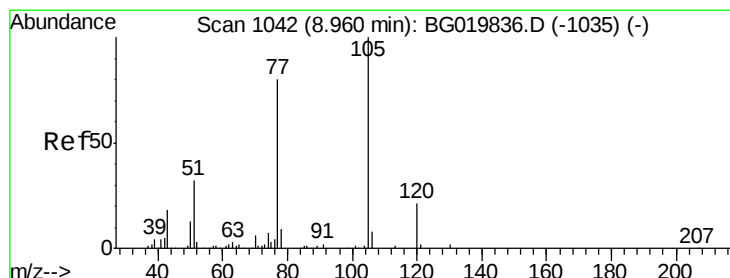
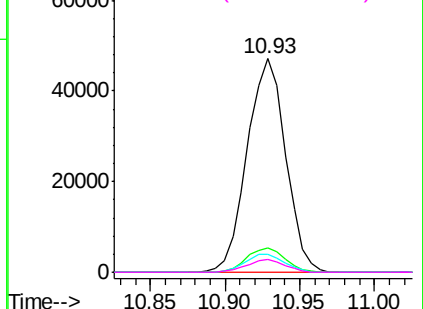
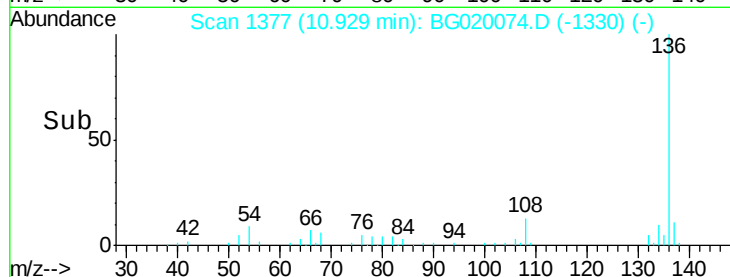
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

Tgt Ion:	136	Resp:	83589
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.6	5.4	8.2#
68	6.1	5.3	7.9

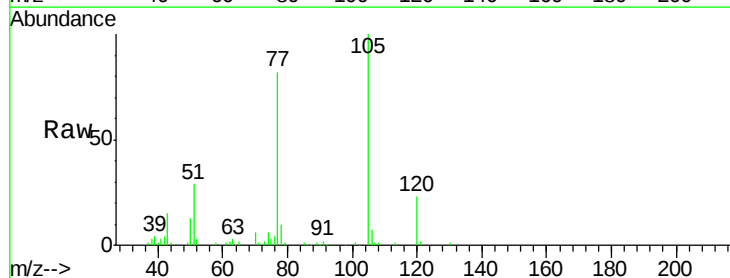


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

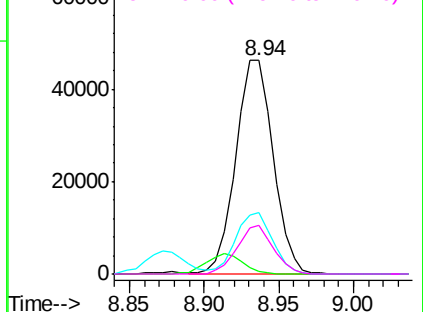
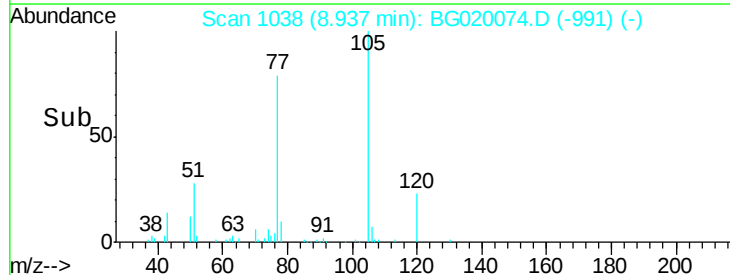


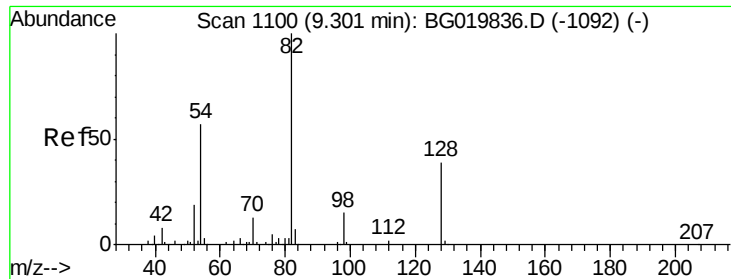
#22
Acetophenone
Concen: 35.24 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion:	105	Resp:	80750
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.1	3.1#
51	28.7	17.8	26.8#
120	22.8	17.7	26.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

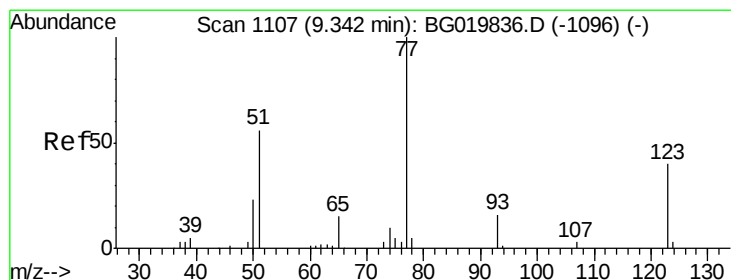
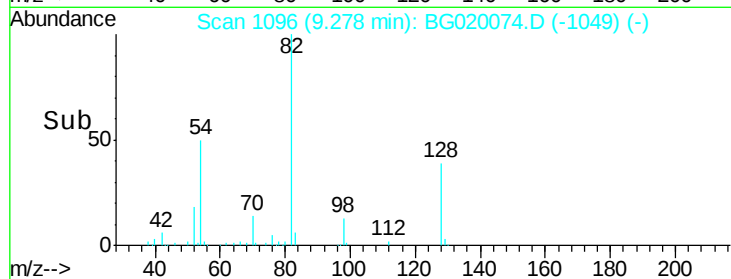
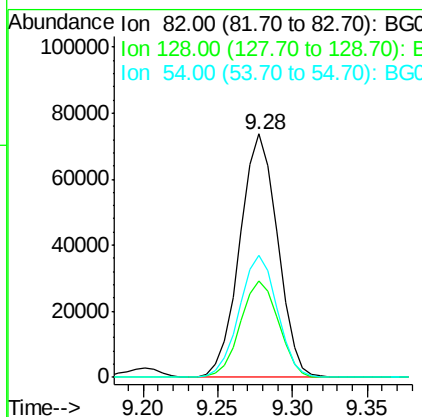
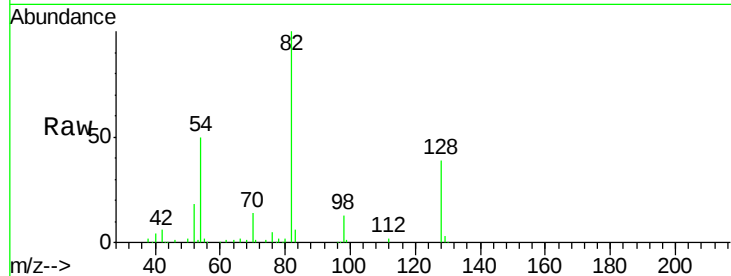




#23
 Nitrobenzene-d5
 Concen: 78.94 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

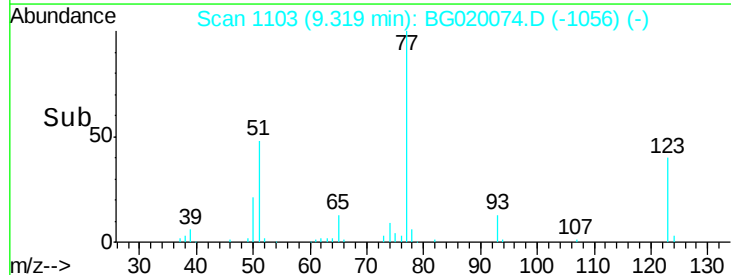
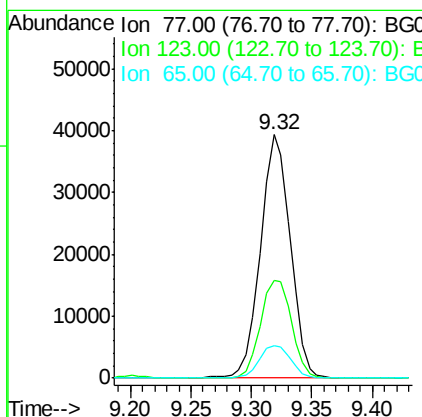
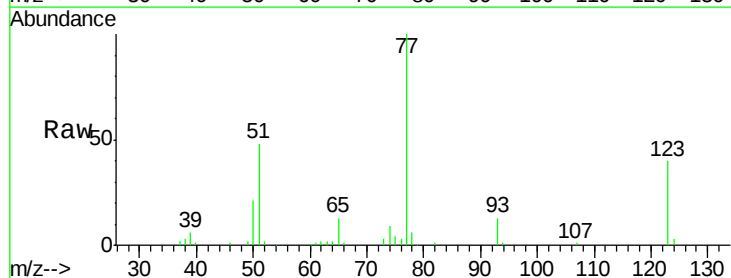
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

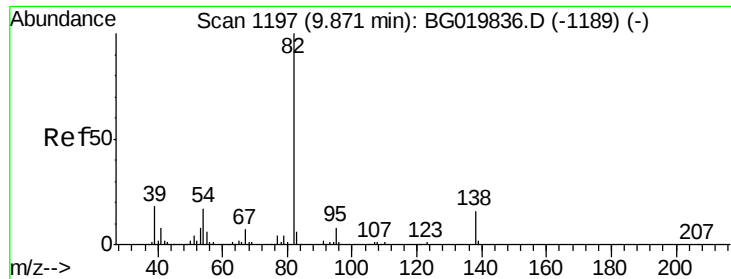
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	36.7	55.1
54	49.9	33.8	50.8



#24
 Nitrobenzene
 Concen: 37.77 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	38.2	57.2
65	13.4	10.6	16.0





#25

Isophorone

Concen: 33.88 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

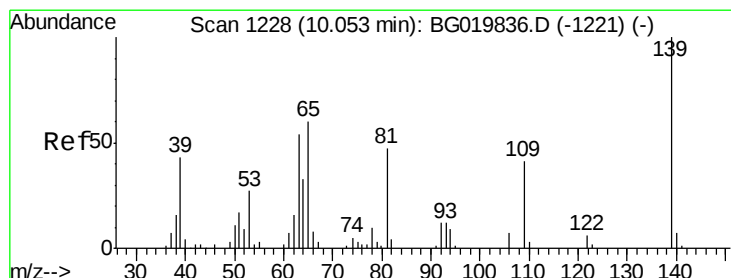
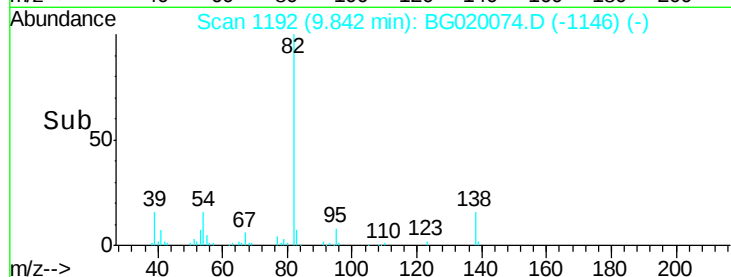
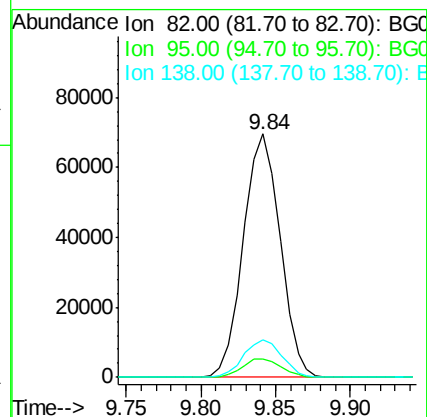
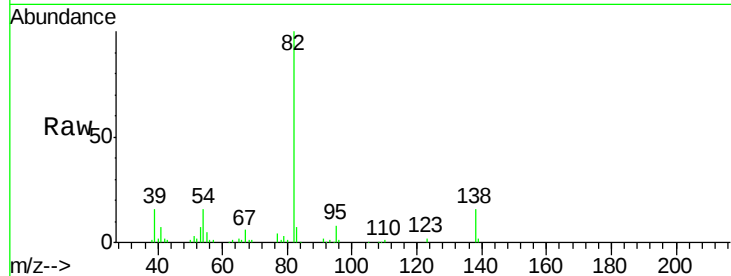
Tgt Ion: 82 Resp: 118965

Ion Ratio Lower Upper

82 100

95 7.7 5.2 7.8

138 15.5 14.4 21.6



#26

2-Nitrophenol

Concen: 43.38 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

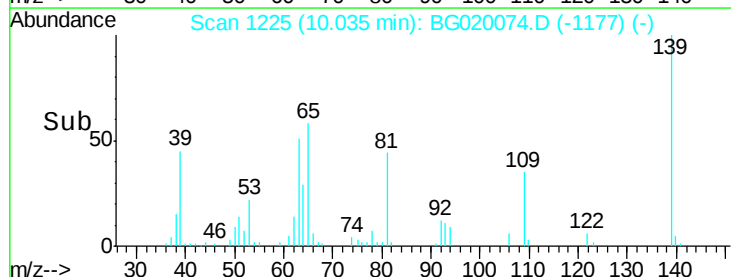
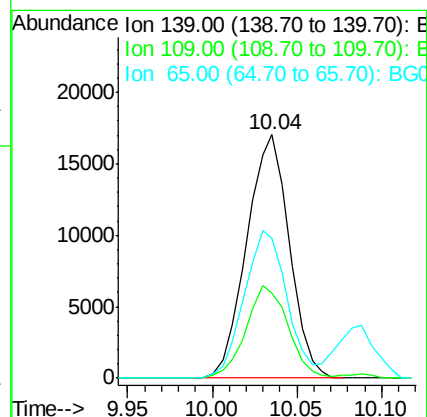
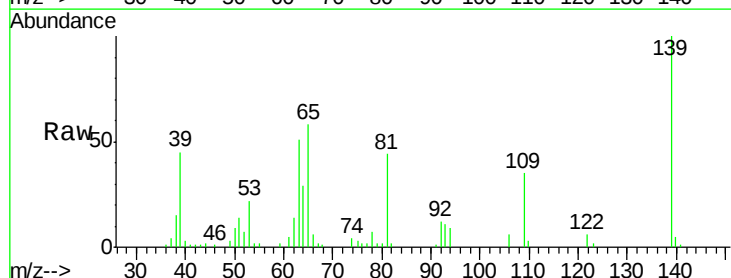
Tgt Ion: 139 Resp: 29767

Ion Ratio Lower Upper

139 100

109 35.0 20.1 30.1#

65 57.6 34.1 51.1#

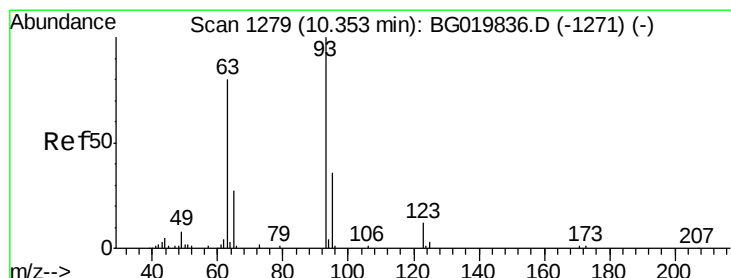
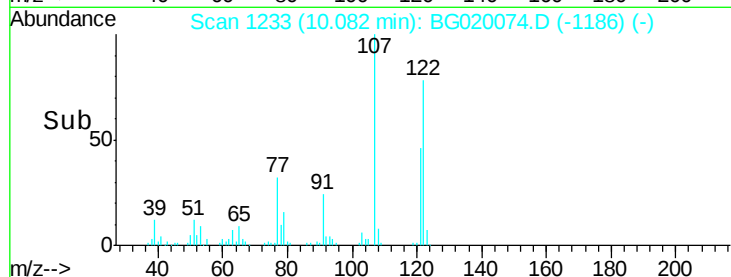
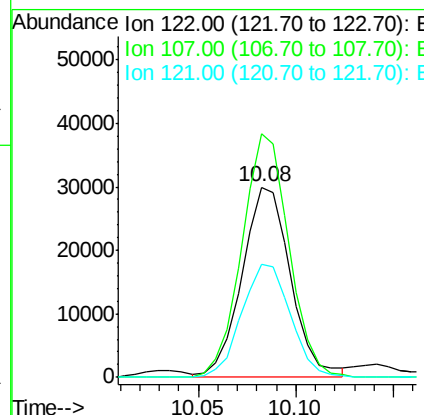
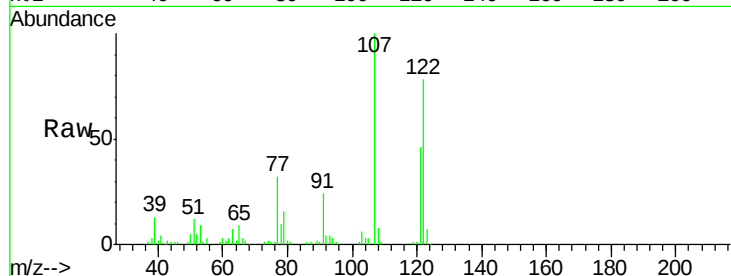




#27
 2,4-Dimethylphenol
 Concen: 35.93 ng
 RT: 10.08 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

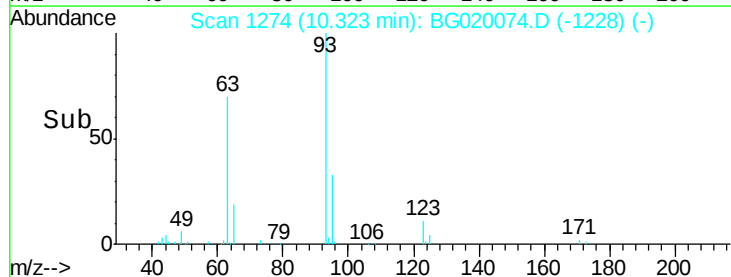
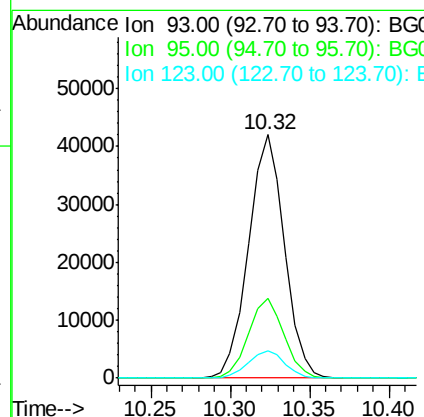
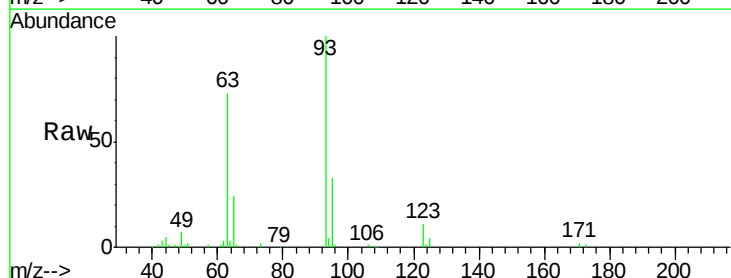
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

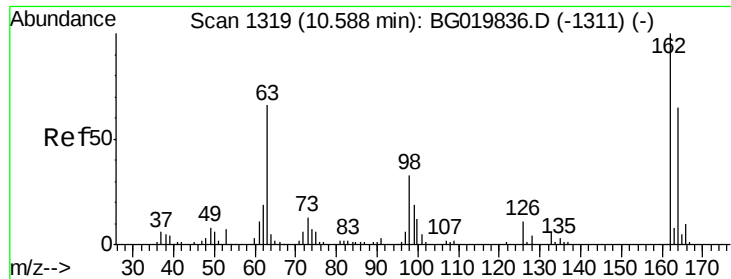
Tgt Ion:122 Resp: 51343
 Ion Ratio Lower Upper
 122 100
 107 128.1 91.6 137.4
 121 59.4 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.44 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion: 93 Resp: 65951
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.7 38.5
 123 11.0 8.6 12.8

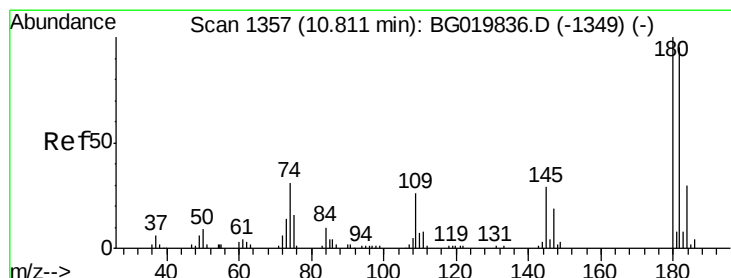
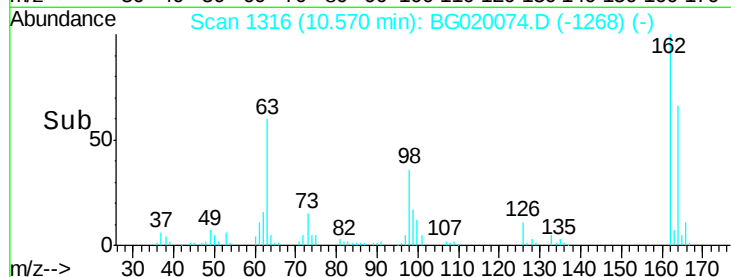
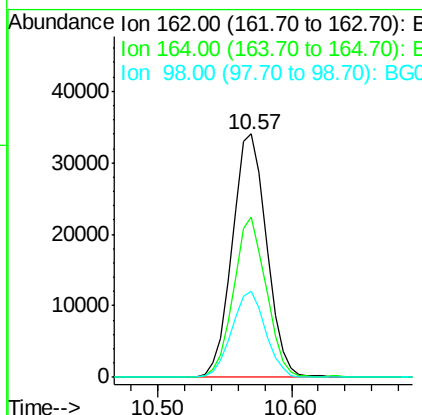
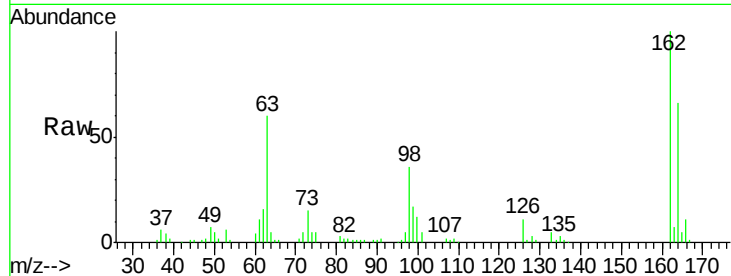




#29
2,4-Dichlorophenol
Concen: 41.72 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

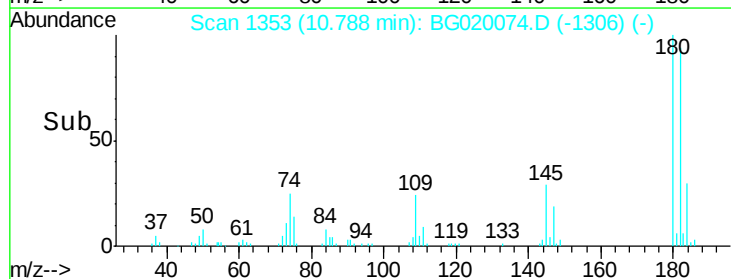
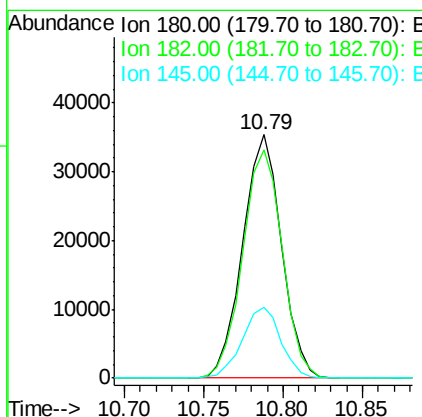
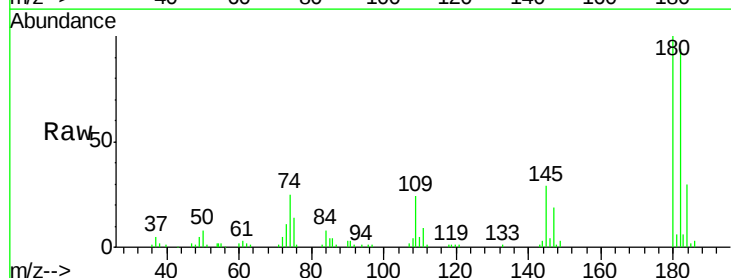
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.3	82.3
98	35.6	11.5	51.5



#30
1,2,4-Trichlorobenzene
Concen: 36.45 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	79.7	119.5
145	28.9	22.0	33.0





#31

Naphthalene

Concen: 37.50 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampled :

S8-14.5MS

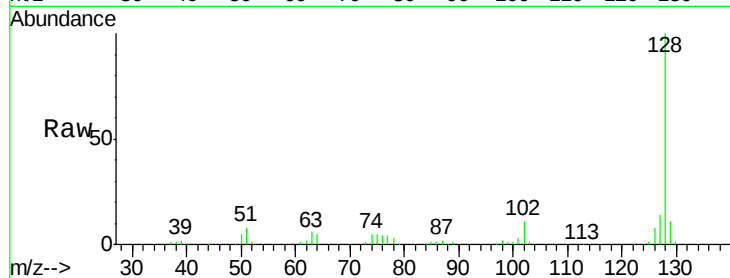
Tgt Ion:128 Resp: 167944

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

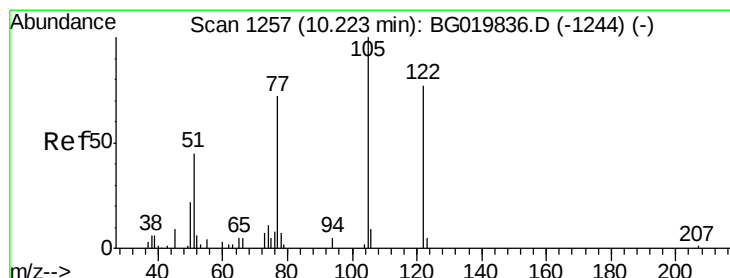
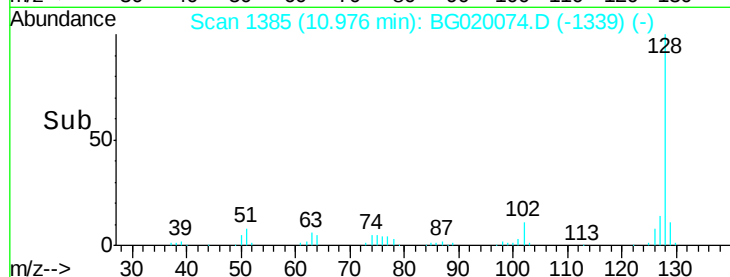
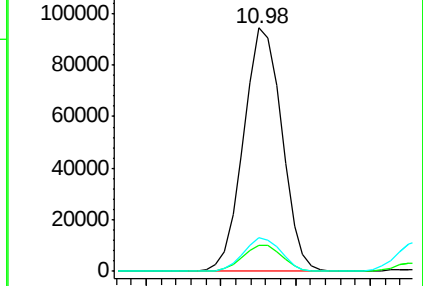
127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.27 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.08 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

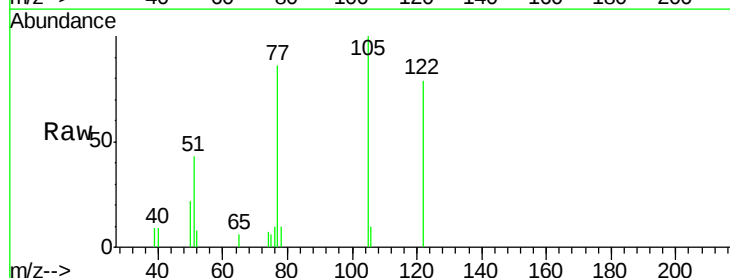
Tgt Ion:122 Resp: 3597

Ion Ratio Lower Upper

122 100

105 125.8 103.8 143.8

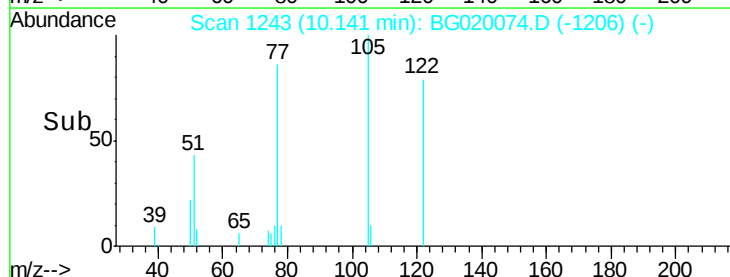
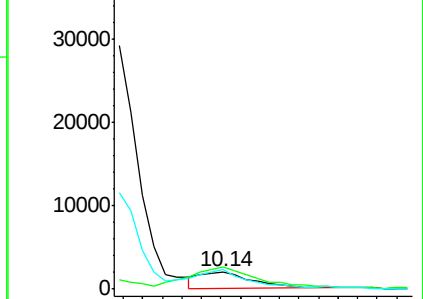
77 107.9 68.8 108.8

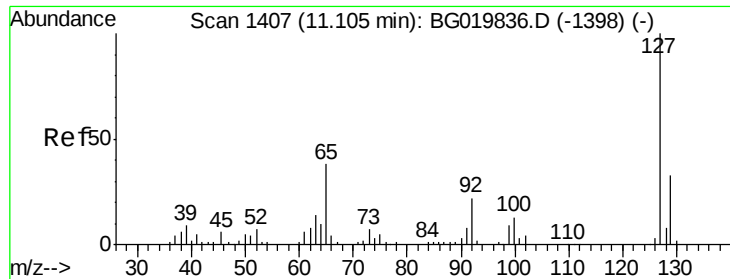


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

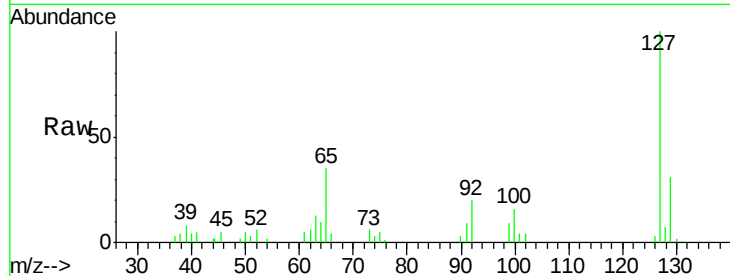




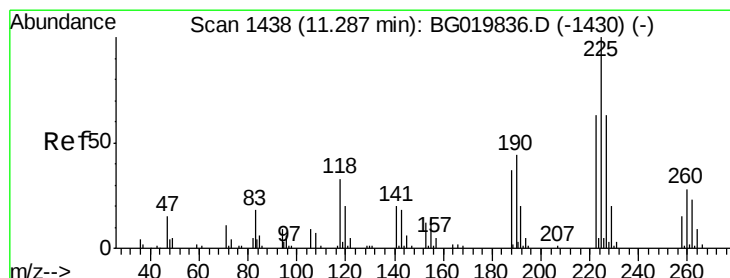
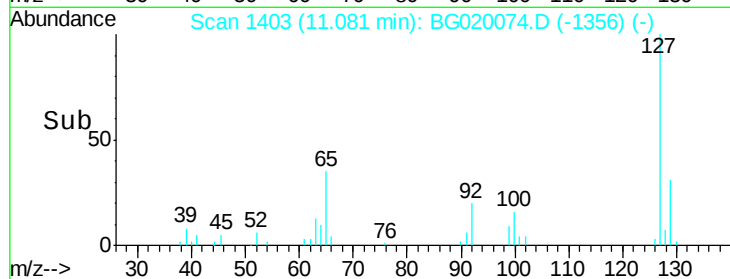
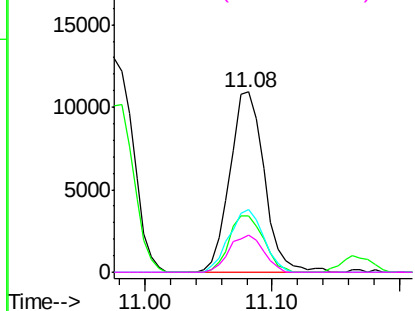
#33
4-Chloroaniline
Concen: 10.44 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

Tgt Ion:	127	Resp:	20601
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.6	37.0
65	34.7	22.6	33.8#
92	20.5	15.1	22.7

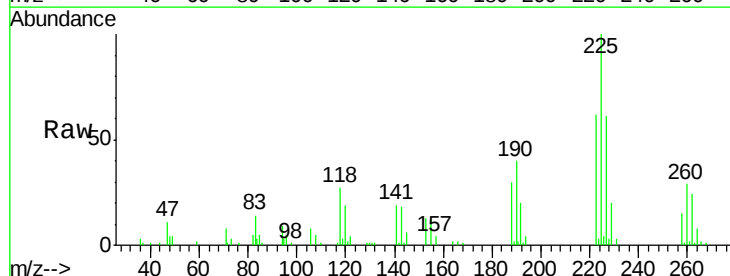


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

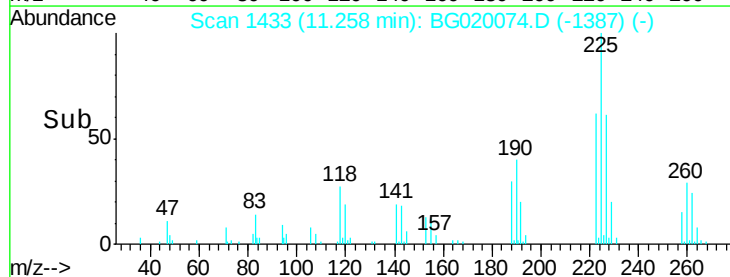
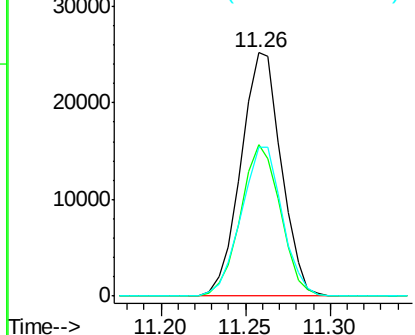


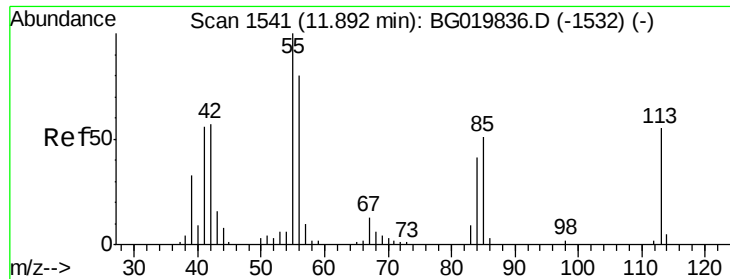
#34
Hexachlorobutadiene
Concen: 34.41 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion:	225	Resp:	41873
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.4
227	60.9	51.8	77.8



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: 28.26 ng

RT: 11.85 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

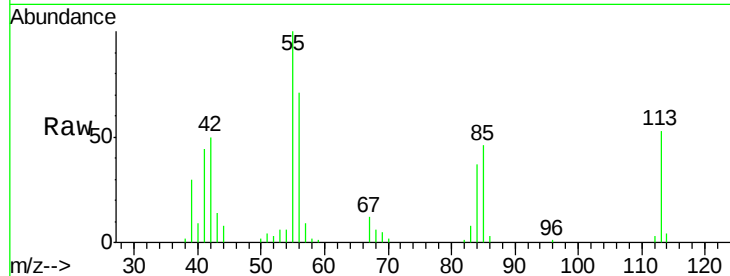
Tgt Ion:113 Resp: 15359

Ion Ratio Lower Upper

113 100

55 187.5 135.0 175.0#

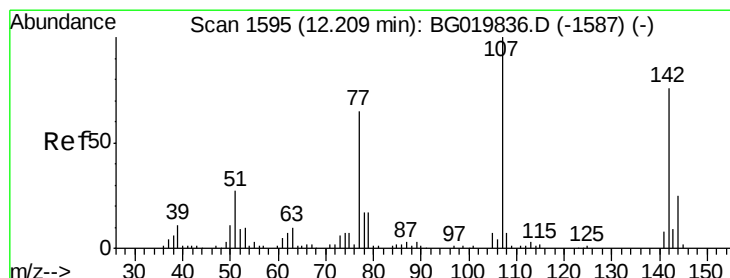
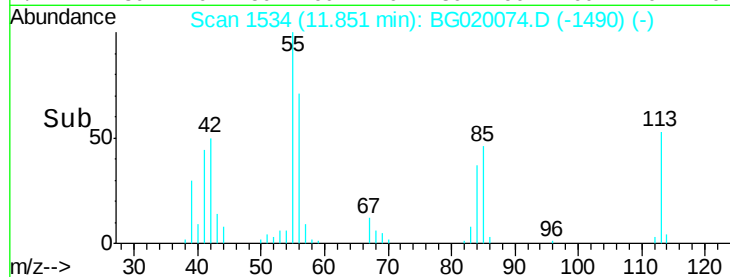
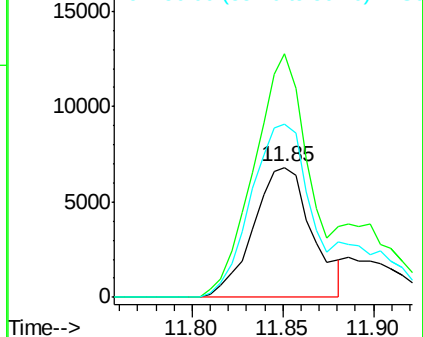
56 133.6 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 37.78 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

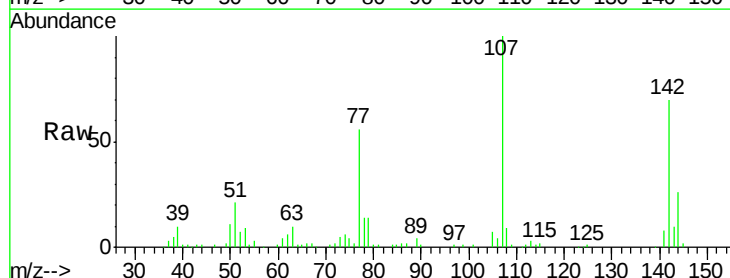
Tgt Ion:107 Resp: 68682

Ion Ratio Lower Upper

107 100

144 26.0 20.6 31.0

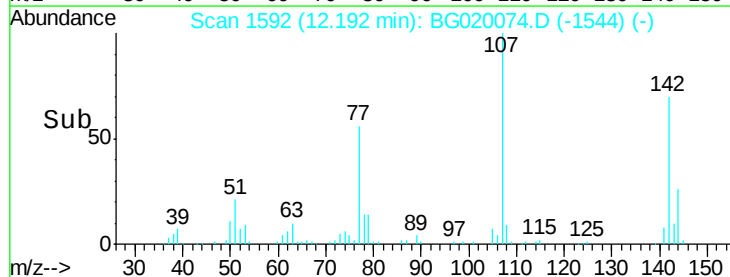
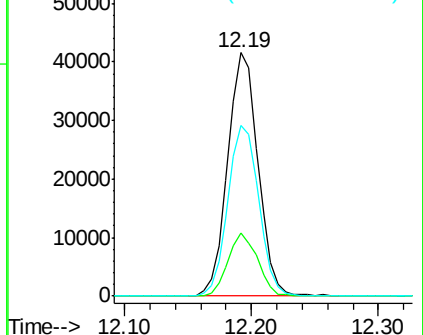
142 70.0 62.6 93.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

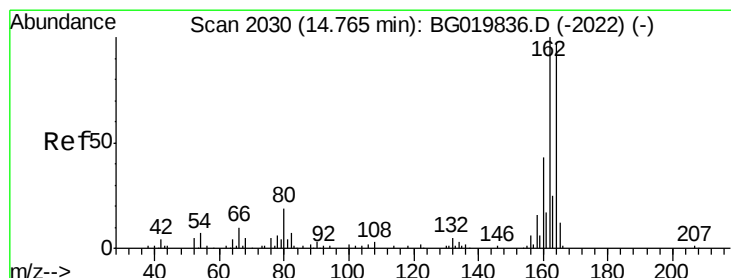
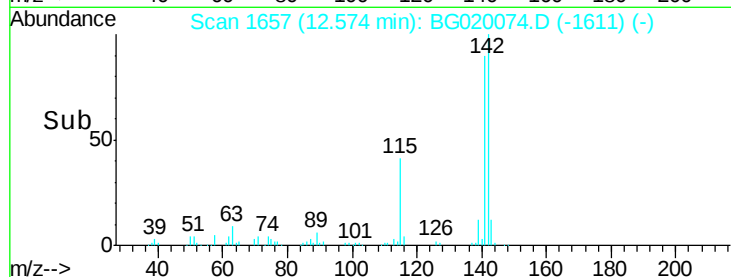
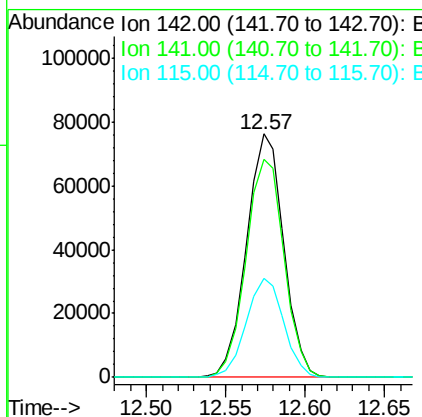
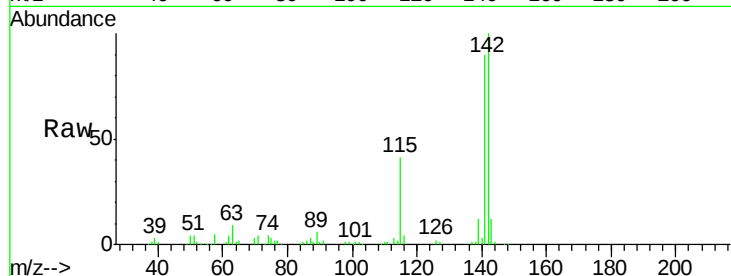




#37
2-Methylnaphthalene
Concen: 37.83 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

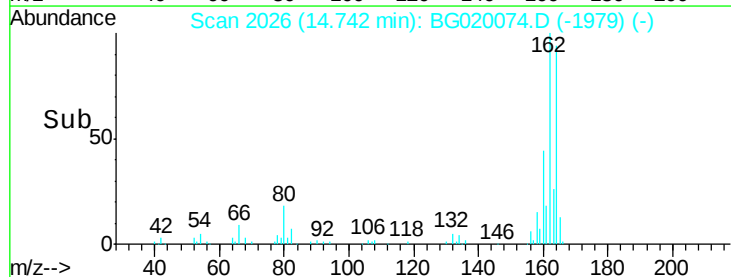
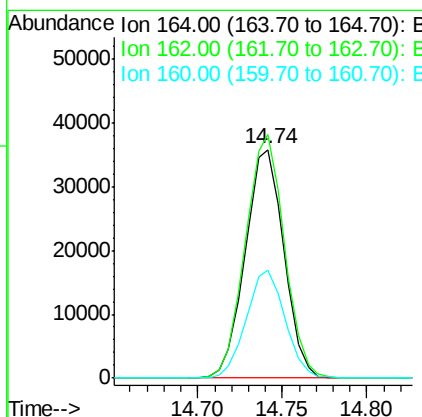
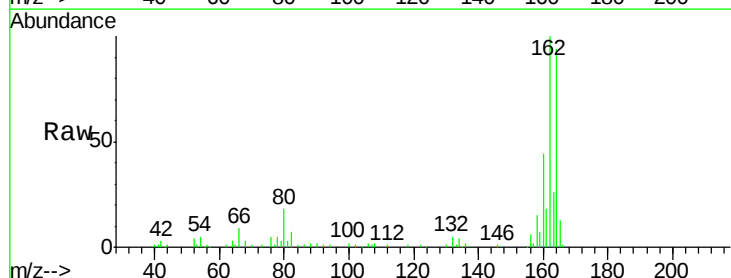
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

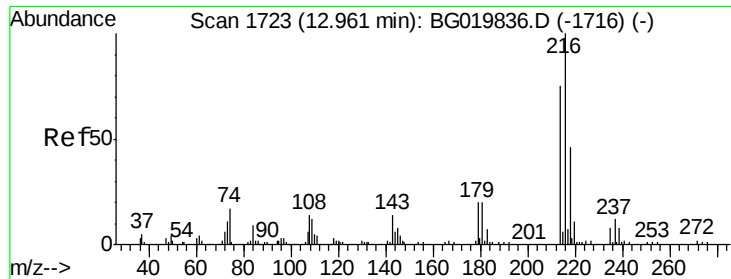
Tgt Ion:142 Resp: 124160
Ion Ratio Lower Upper
142 100
141 89.8 74.6 112.0
115 40.5 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion:164 Resp: 56893
Ion Ratio Lower Upper
164 100
162 106.6 78.8 118.2
160 47.3 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.83 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

Tgt Ion:216 Resp: 81684

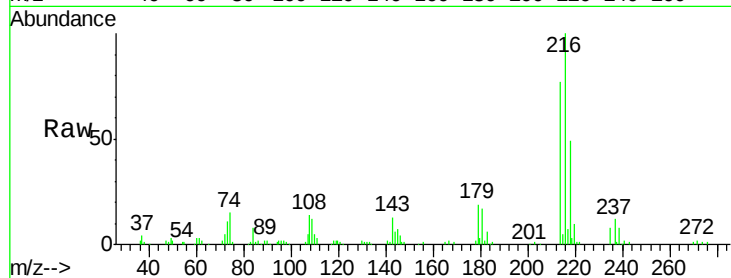
Ion Ratio Lower Upper

216 100

214 78.5 62.5 93.7

179 19.0 15.6 23.4

108 16.5 13.3 19.9

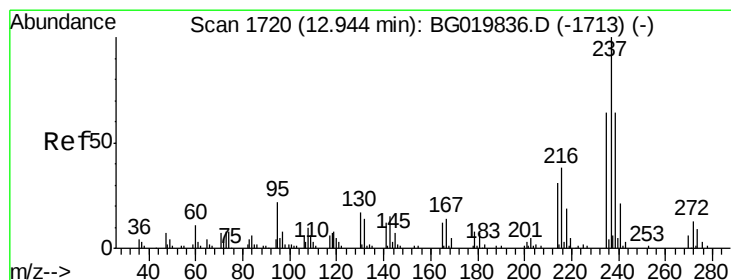
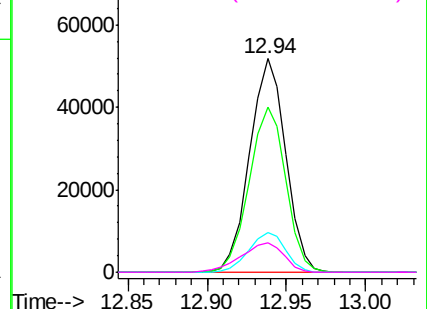
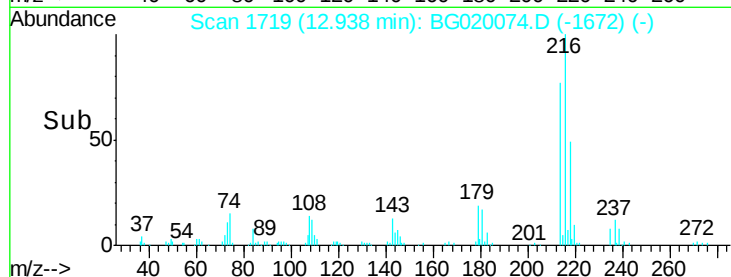


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.45 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

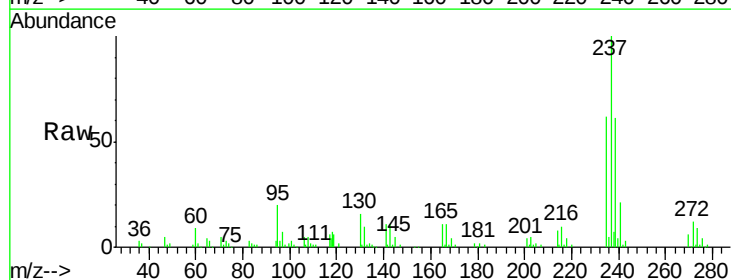
Tgt Ion:237 Resp: 73181

Ion Ratio Lower Upper

237 100

235 62.1 44.6 84.6

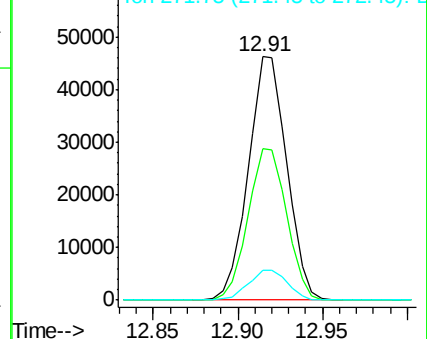
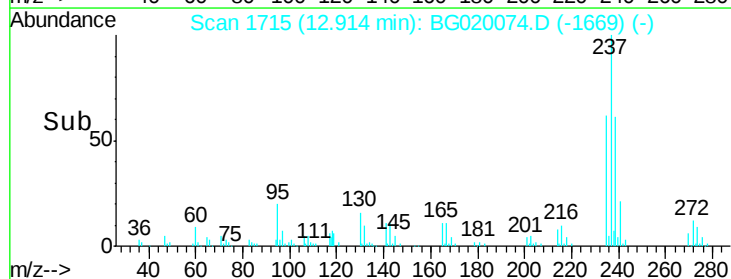
272 12.2 0.0 32.8



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

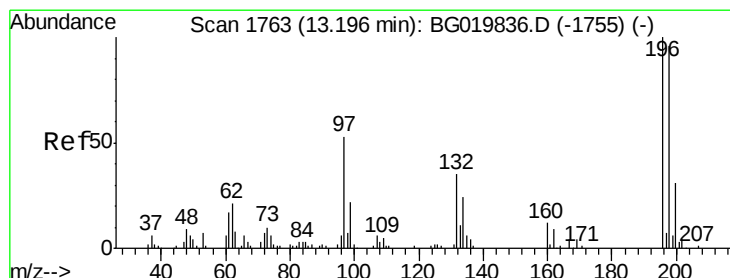
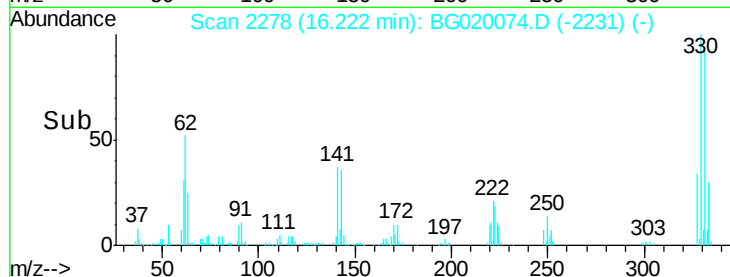
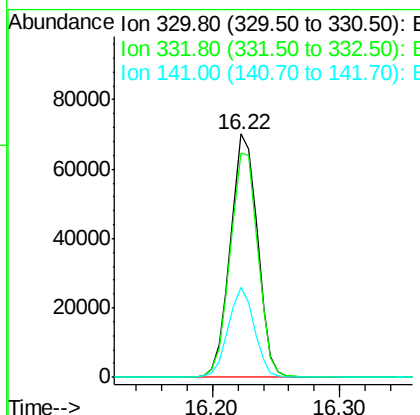
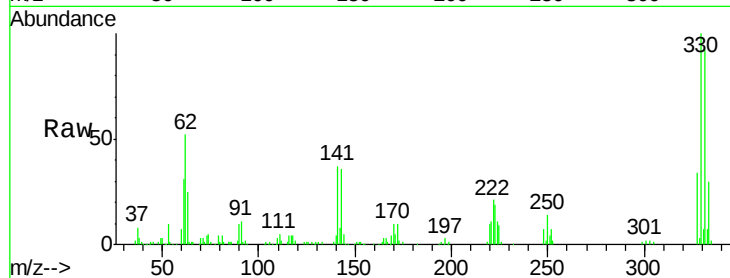




#41
 2,4,6-Tribromophenol
 Concen: 118.98 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

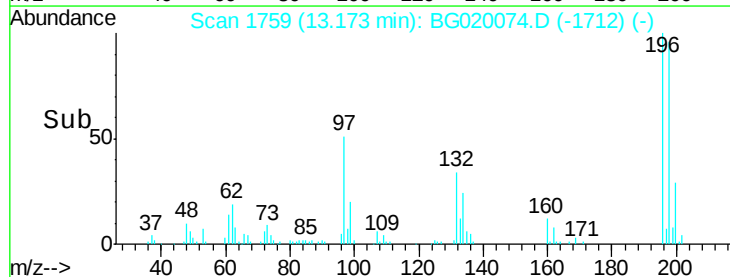
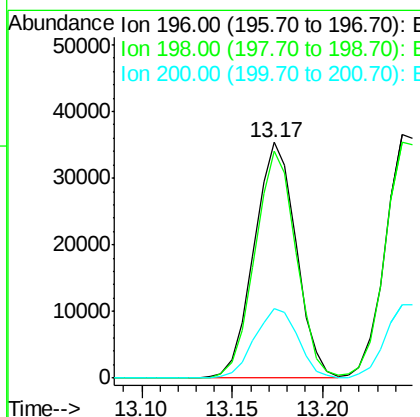
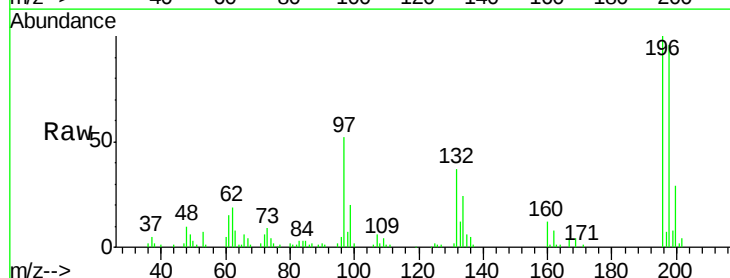
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion:330 Resp: 103570
 Ion Ratio Lower Upper
 330 100
 332 94.2 78.1 117.1
 141 35.8 28.2 42.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.88 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion:196 Resp: 57008
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.7 112.1
 200 29.5 24.1 36.1

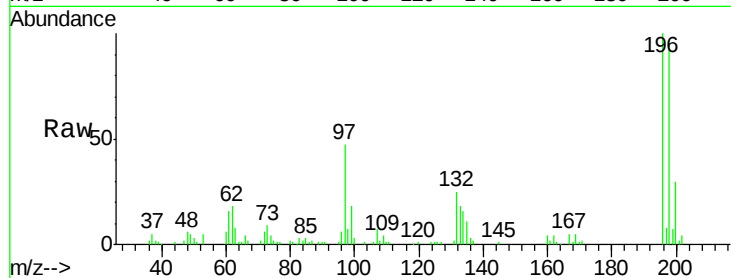




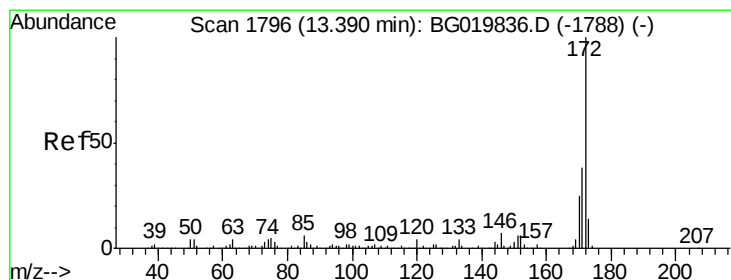
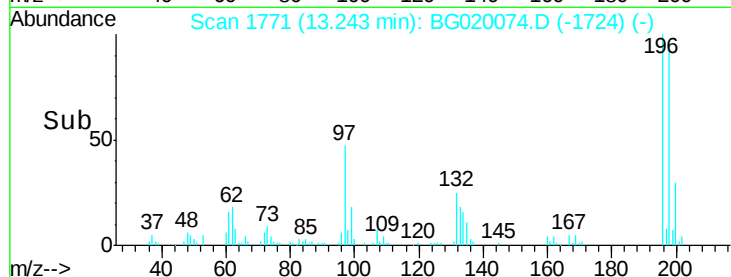
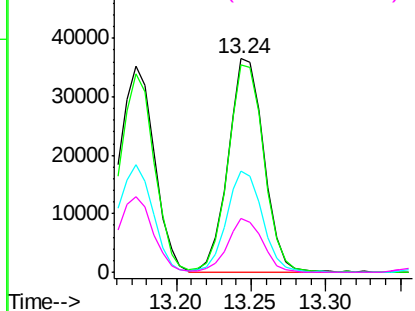
#43
 2,4,5-Trichlorophenol
 Concen: 40.35 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion:196 Resp: 60952
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.2 112.8
 97 47.2 34.2 51.2
 132 25.0 21.8 32.6

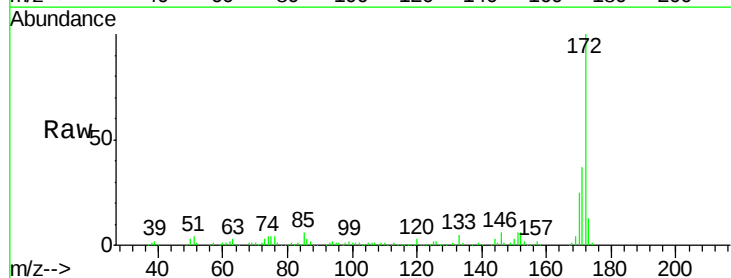


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

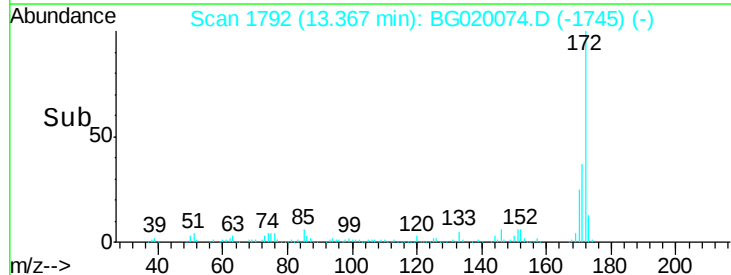
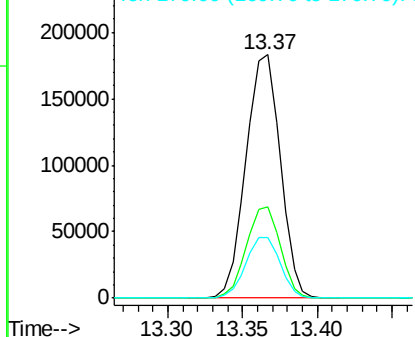


#44
 2-Fluorobiphenyl
 Concen: 69.96 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion:172 Resp: 291512
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 25.1 19.9 29.9



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

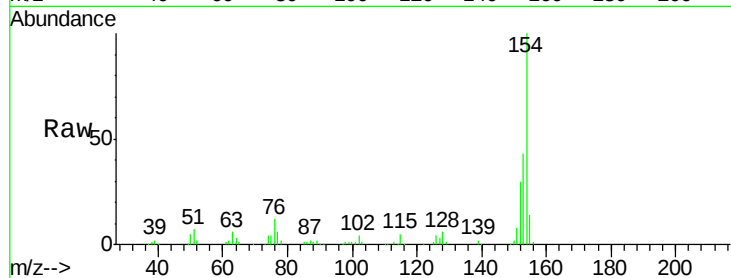




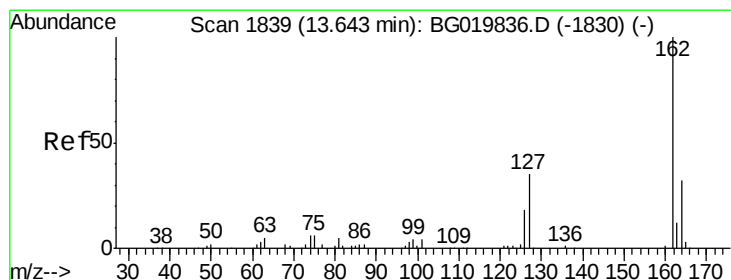
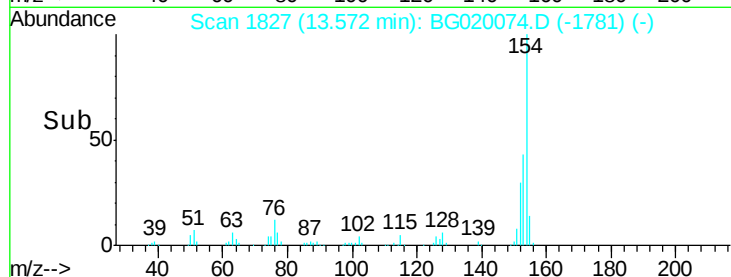
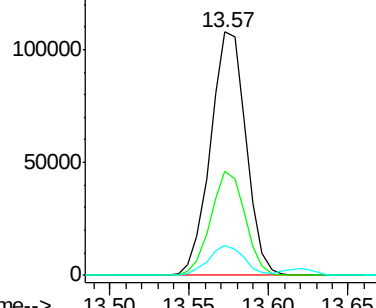
#45
 1,1'-Biphenyl
 Concen: 35.79 ng
 RT: 13.57 min Scan# 1827
 Delta R.T. -0.03 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion:	154	Resp:	167105
Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.9	61.9
76	12.4	0.0	33.2

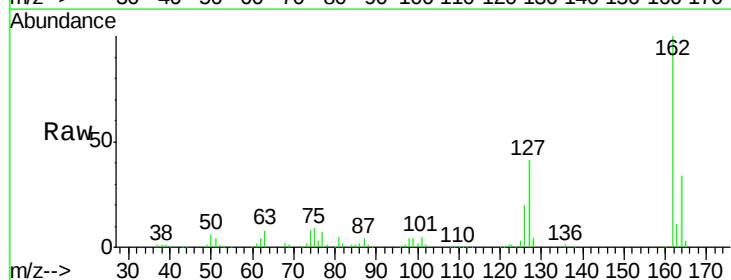


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

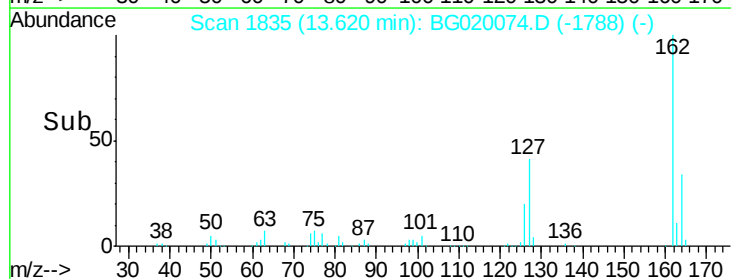
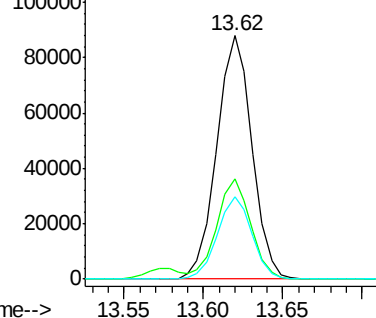


#46
 2-Chloronaphthalene
 Concen: 37.61 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion:	162	Resp:	135338
Ion	Ratio	Lower	Upper
162	100		
127	41.1	28.3	42.5
164	33.6	27.4	41.0



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

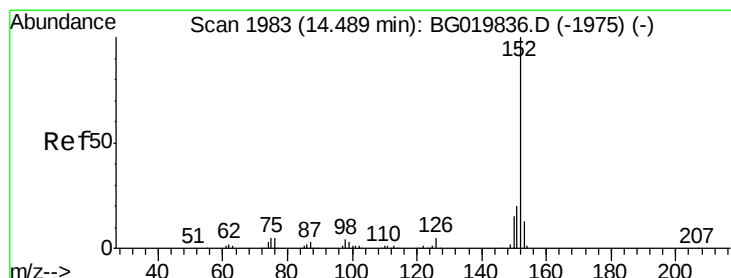
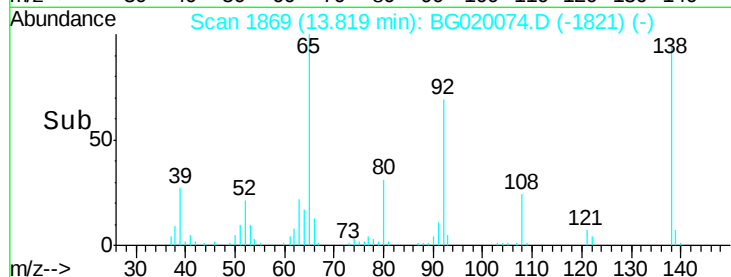
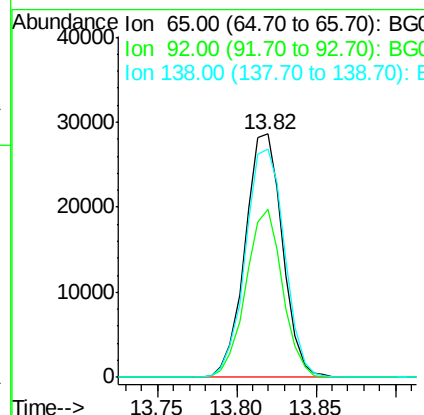
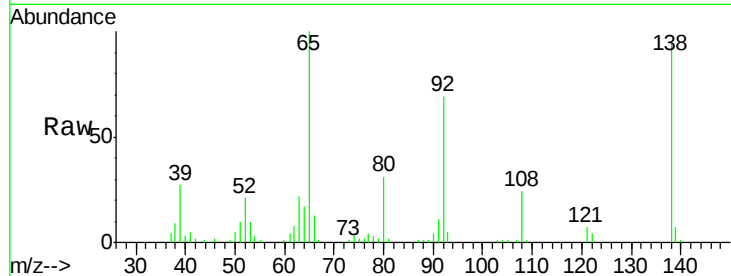




#47
2-Nitroaniline
Concen: 41.29 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

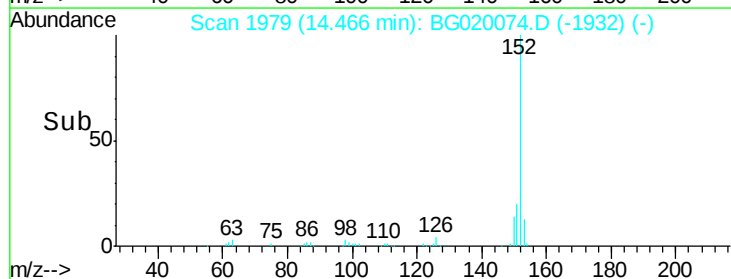
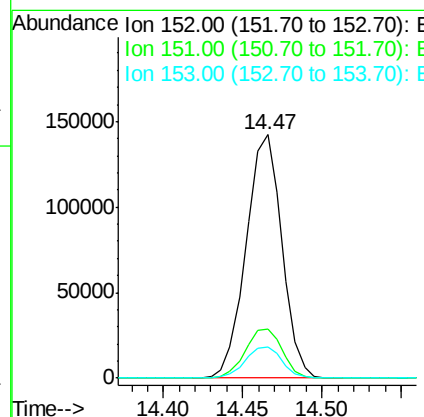
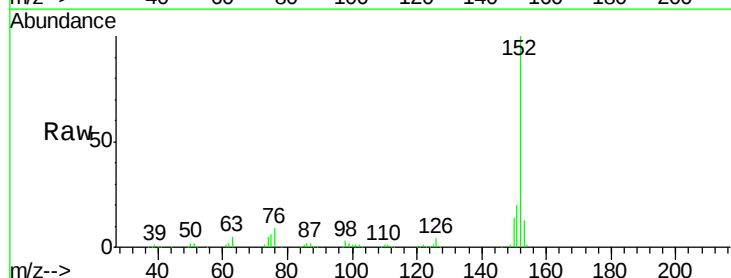
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

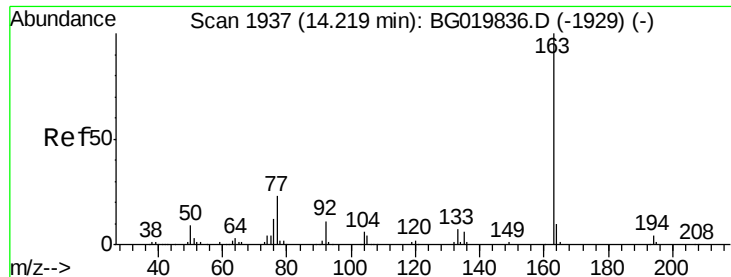
Tgt Ion: 65 Resp: 46930
Ion Ratio Lower Upper
65 100
92 68.8 54.8 82.2
138 93.6 89.6 134.4



#48
Acenaphthylene
Concen: 36.37 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion: 152 Resp: 222964
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.4
153 12.8 10.4 15.6





#49

Dimethylphthalate

Concen: 50.51 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

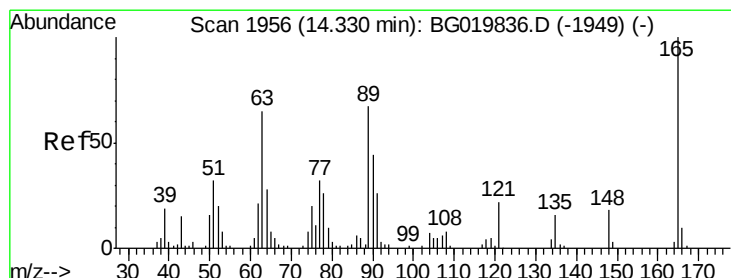
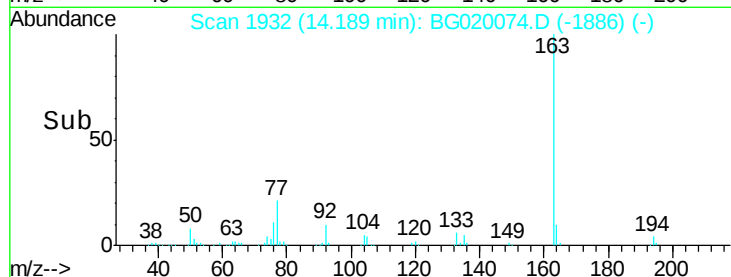
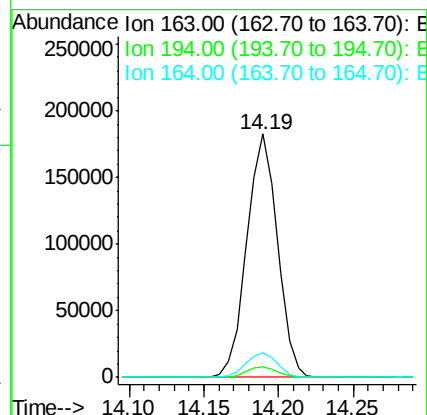
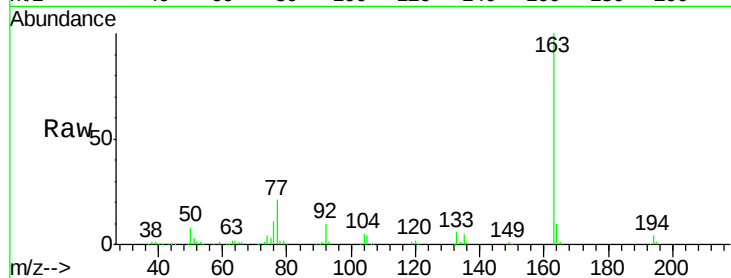
Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

Tgt Ion:	163	Resp:	258518
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.9	8.8	13.2



#50

2,6-Dinitrotoluene

Concen: 40.90 ng

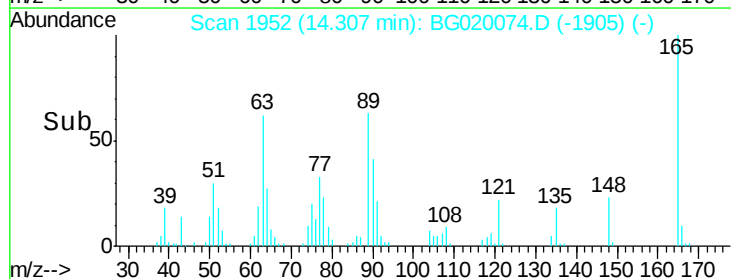
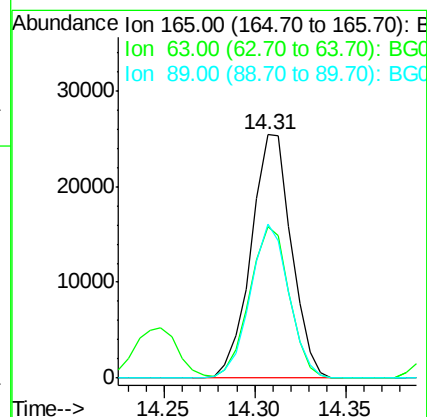
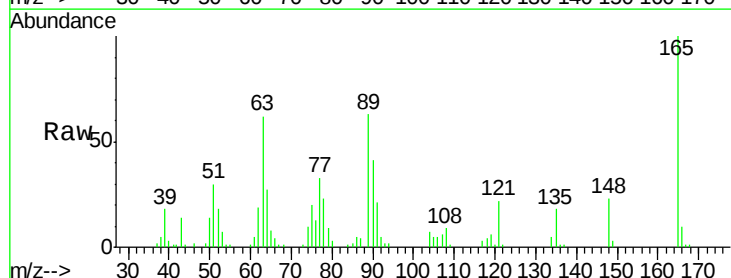
RT: 14.31 min Scan# 1952

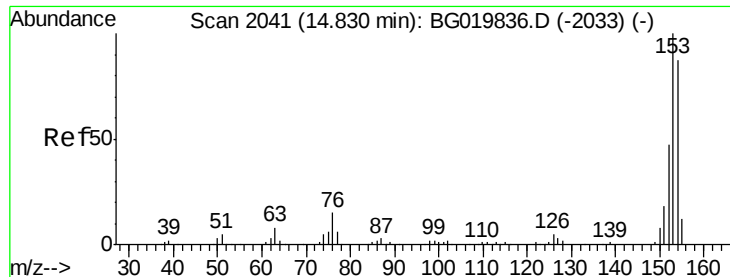
Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Tgt Ion:	165	Resp:	39355
Ion	Ratio	Lower	Upper
165	100		
63	62.4	35.7	53.5#
89	63.3	39.7	59.5#





#51

Acenaphthene

Concen: 38.20 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

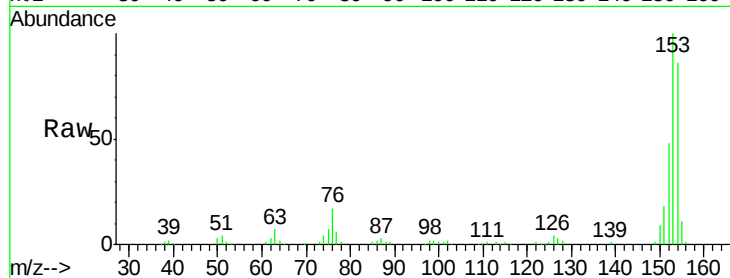
Tgt Ion:154 Resp: 142079

Ion Ratio Lower Upper

154 100

153 115.8 92.9 139.3

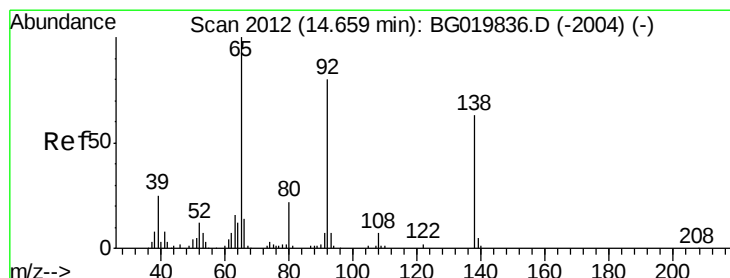
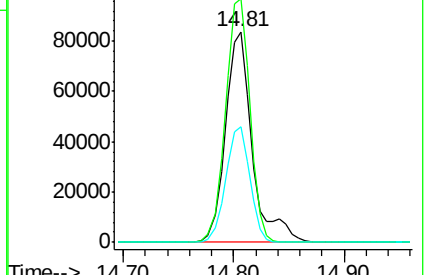
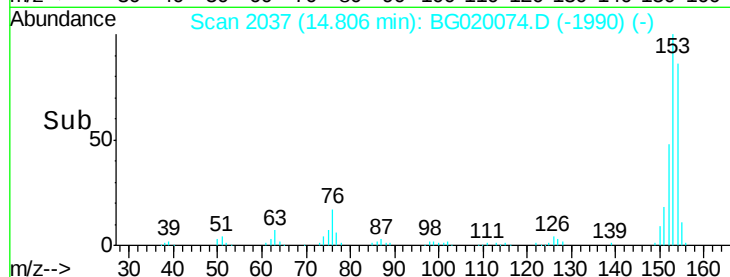
152 55.1 45.8 68.8



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: 26.30 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

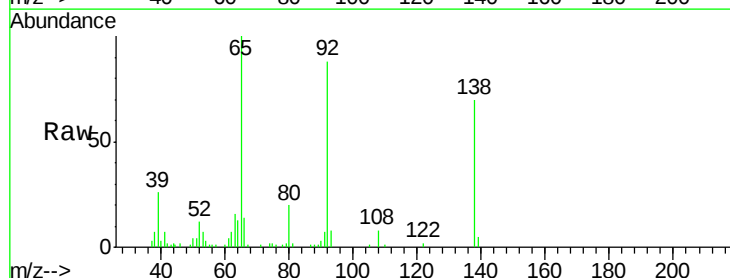
Tgt Ion:138 Resp: 26289

Ion Ratio Lower Upper

138 100

108 11.4 7.9 11.9

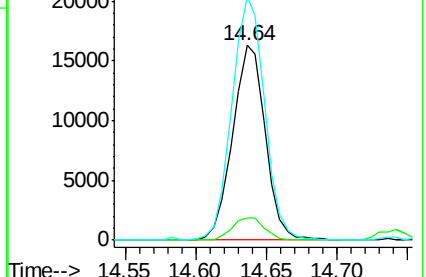
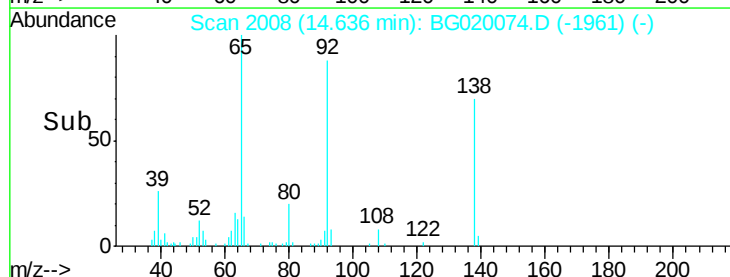
92 125.2 94.2 141.4

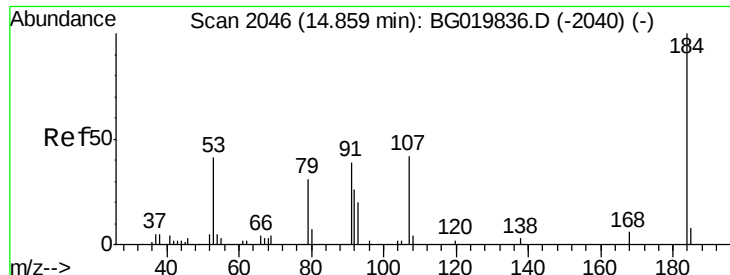


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

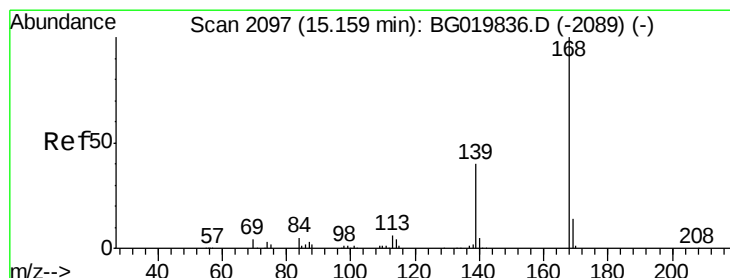
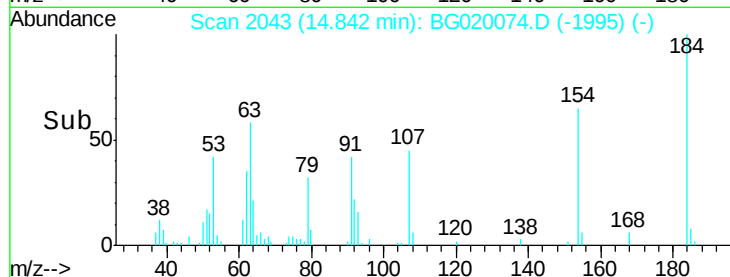
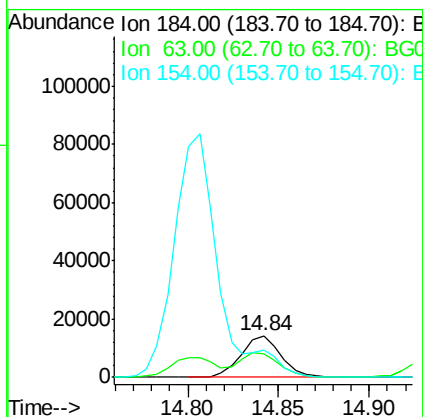
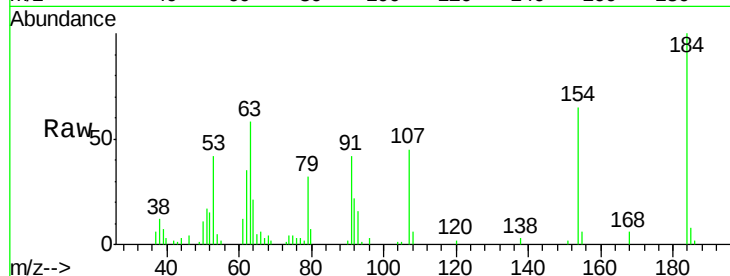




#53
2,4-Dinitrophenol
Concen: 46.60 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

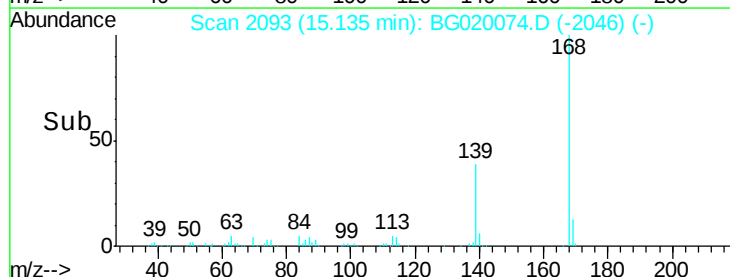
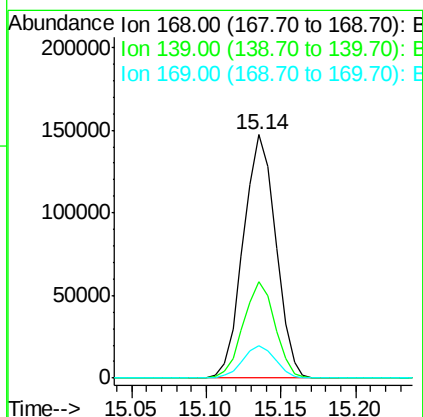
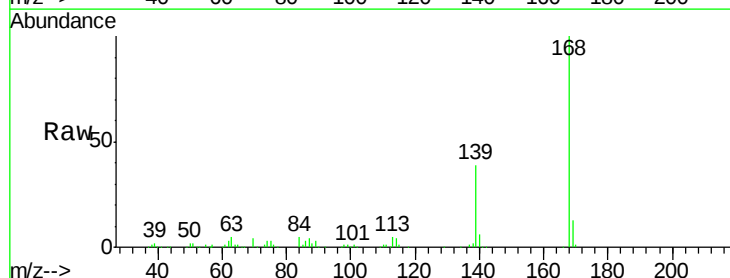
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

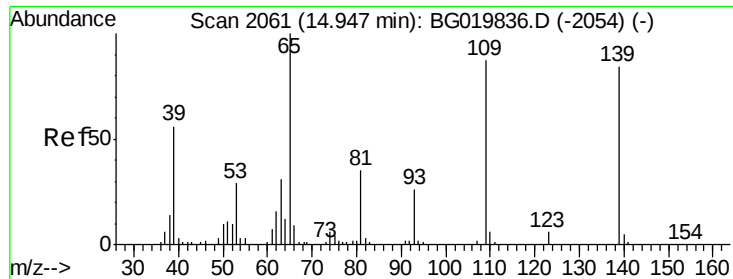
Tgt Ion:184 Resp: 21621
Ion Ratio Lower Upper
184 100
63 57.5 42.7 64.1
154 64.9 44.3 66.5



#54
Dibenzofuran
Concen: 40.12 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion:168 Resp: 222021
Ion Ratio Lower Upper
168 100
139 39.3 27.4 41.0
169 13.4 11.0 16.4

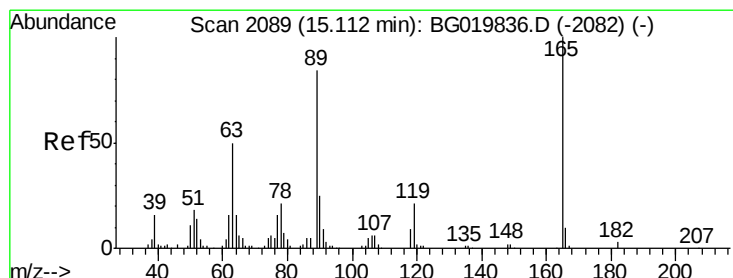
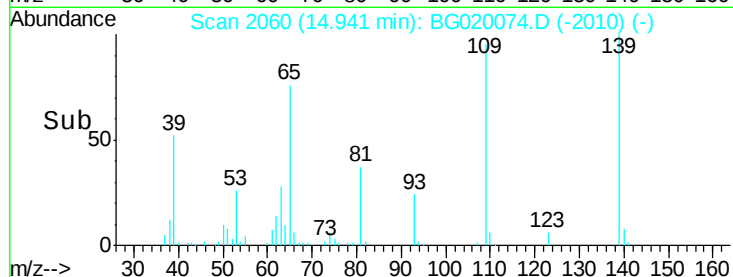
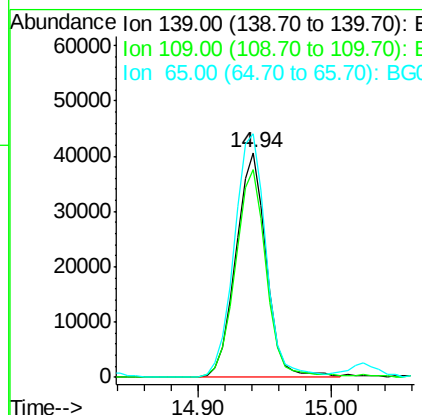
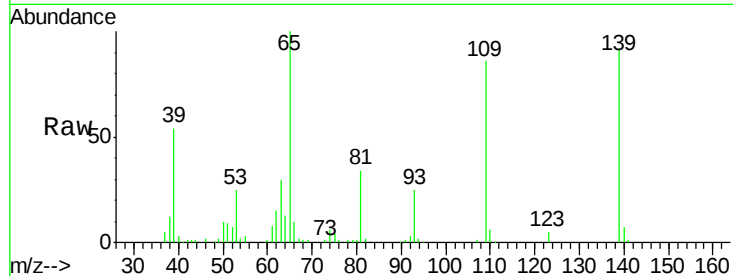




#55
4-Nitrophenol
Concen: 73.98 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

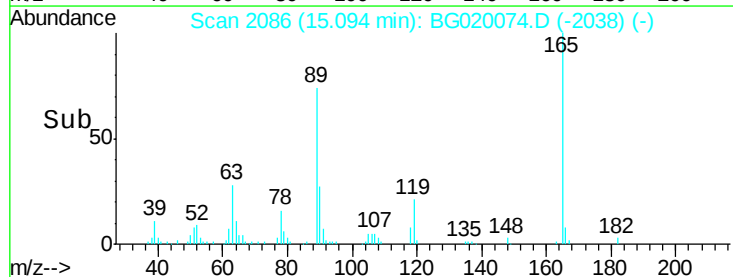
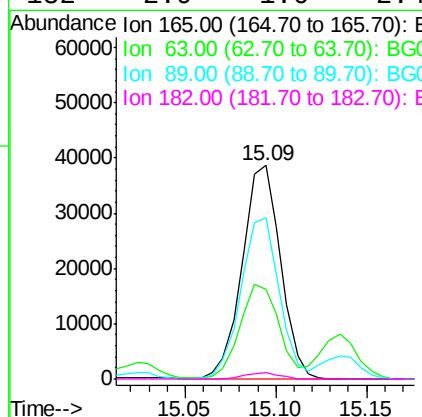
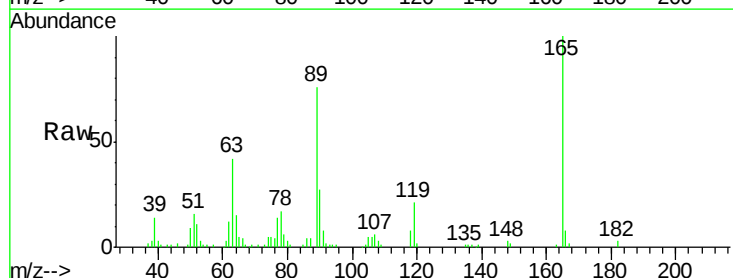
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

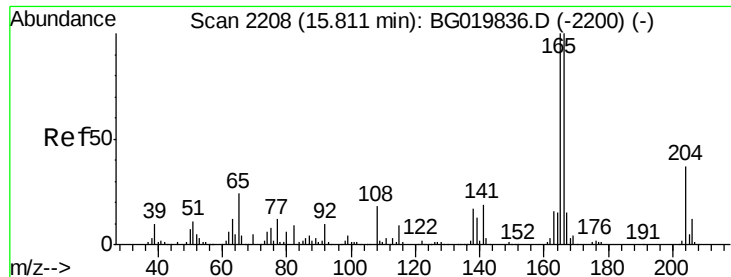
Tgt Ion:139 Resp: 64405
Ion Ratio Lower Upper
139 100
109 92.8 43.2 83.2#
65 108.5 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 42.37 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion:165 Resp: 56878
Ion Ratio Lower Upper
165 100
63 41.7 31.0 46.4
89 75.7 54.4 81.6
182 2.9 1.6 2.4#

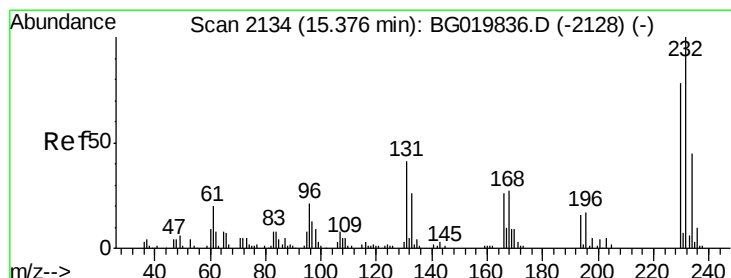
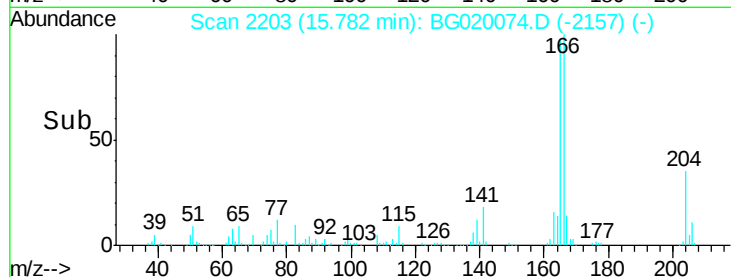
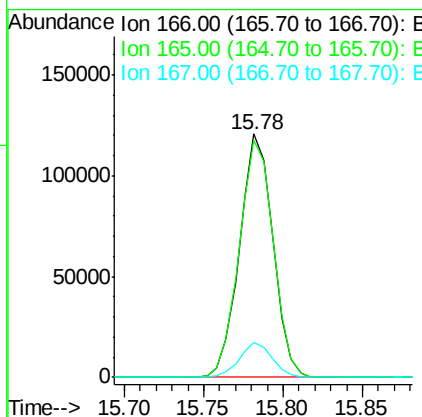
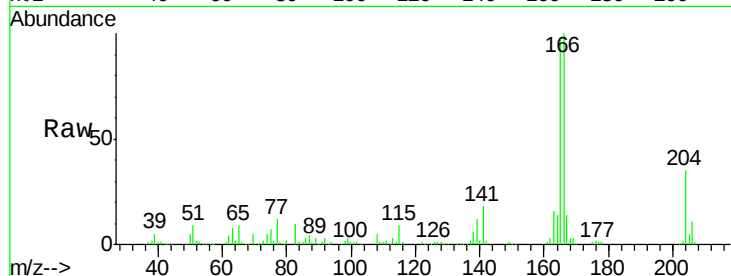




#57
 Fluorene
 Concen: 35.57 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

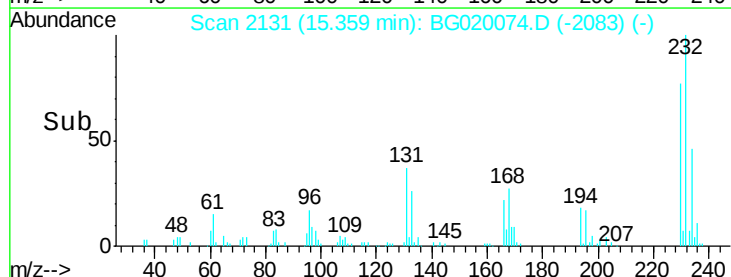
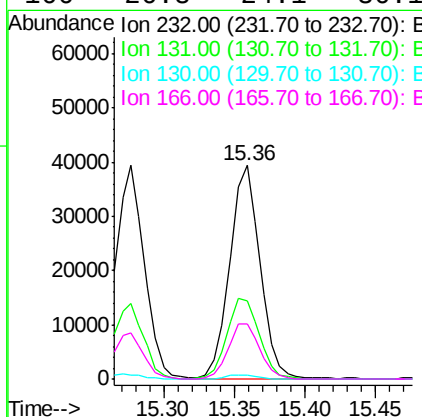
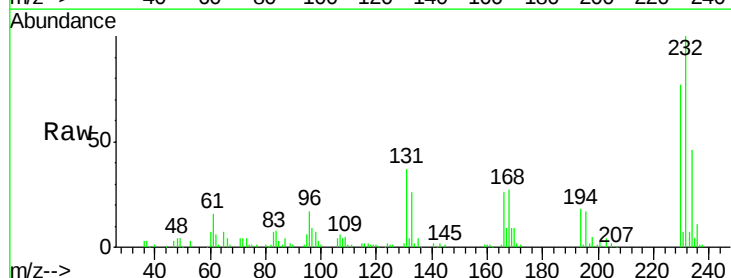
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

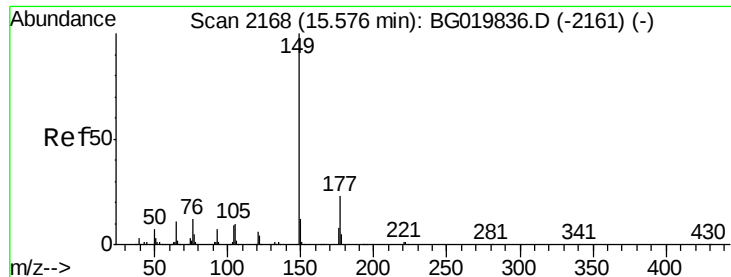
Tgt Ion:166 Resp: 176202
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.0 120.0
 167 14.1 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.25 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion:232 Resp: 59078
 Ion Ratio Lower Upper
 232 100
 131 39.9 33.0 49.6
 130 2.0 2.0 3.0#
 166 26.8 24.1 36.1





#59

Diethylphthalate

Concen: 33.24 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

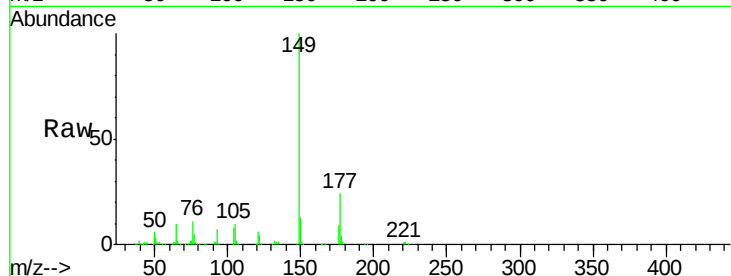
Tgt Ion:149 Resp: 184091

Ion Ratio Lower Upper

149 100

177 23.8 19.6 29.4

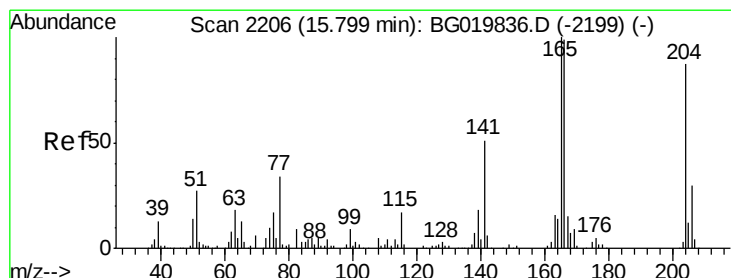
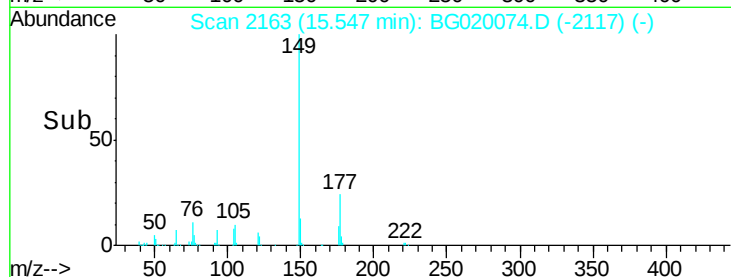
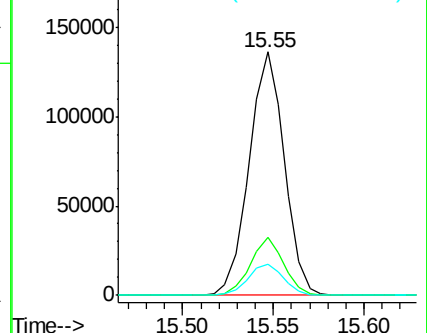
150 12.7 10.2 15.2



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: 34.06 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

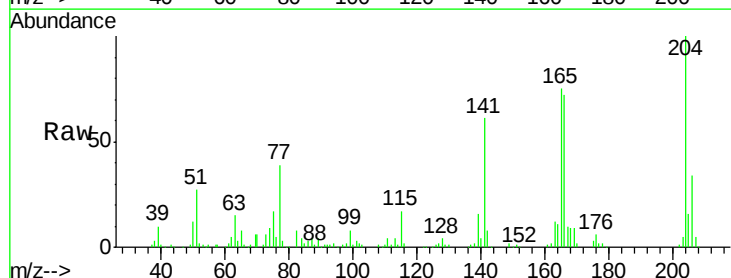
Tgt Ion:204 Resp: 96853

Ion Ratio Lower Upper

204 100

206 34.5 28.3 42.5

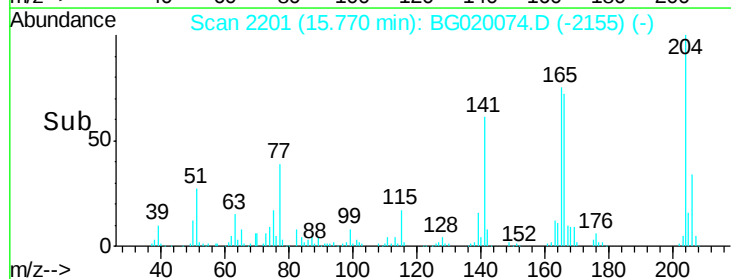
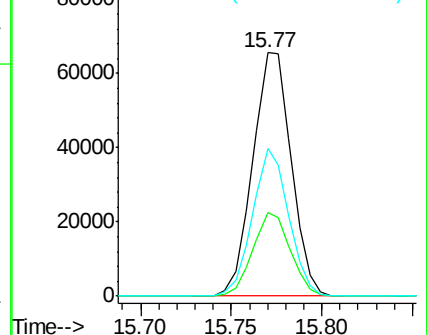
141 60.5 44.0 66.0

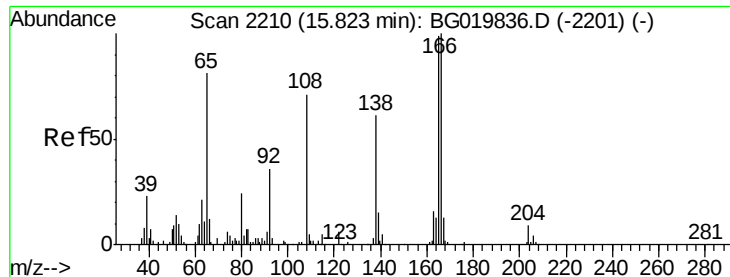


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.41 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

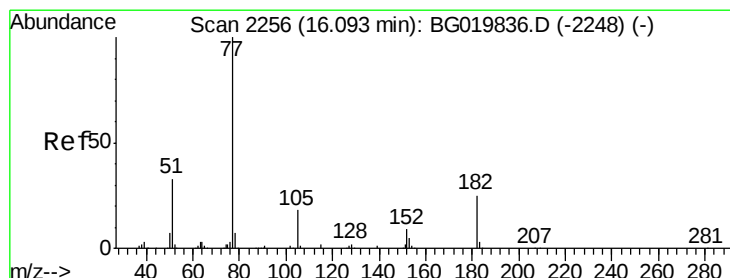
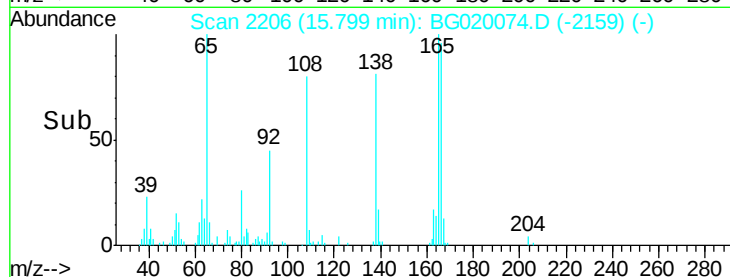
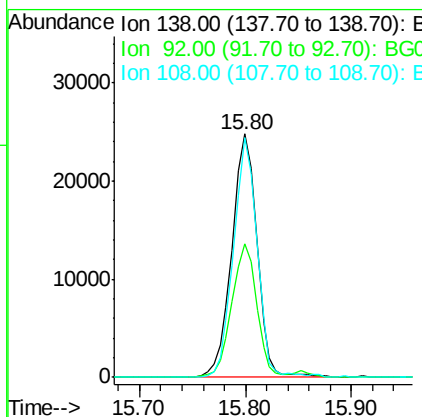
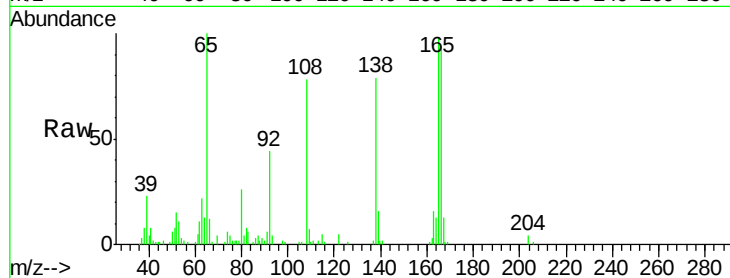
BNA_F

ClientSampleId :

S8-14.5MS

Tgt Ion: 138 Resp: 40933

Ion	Ratio	Lower	Upper
138	100		
92	55.0	29.1	69.1
108	98.6	49.8	89.8



#62

Azobenzene

Concen: 36.98 ng

RT: 16.06 min Scan# 2251

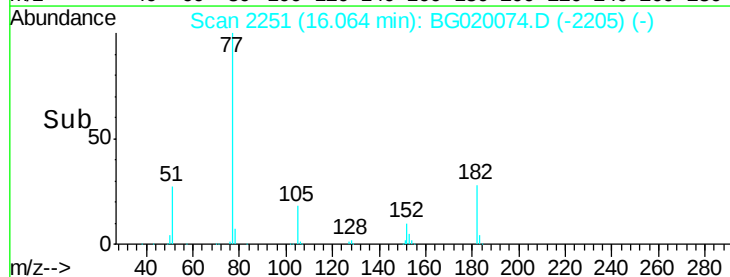
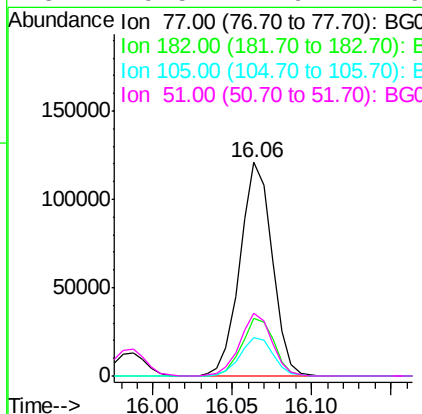
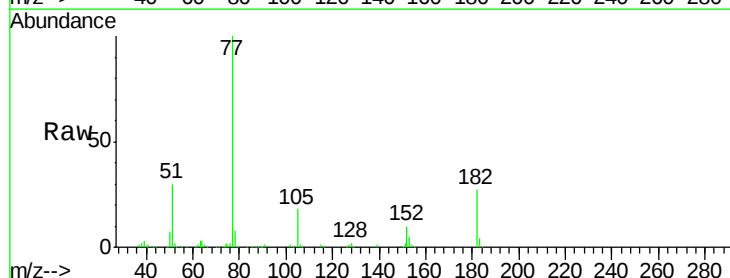
Delta R.T. -0.03 min

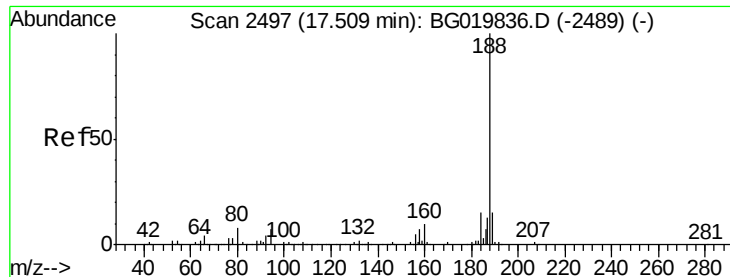
Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Tgt Ion: 77 Resp: 170432

Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.0	47.0
105	18.2	1.4	41.4
51	29.5	4.9	44.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

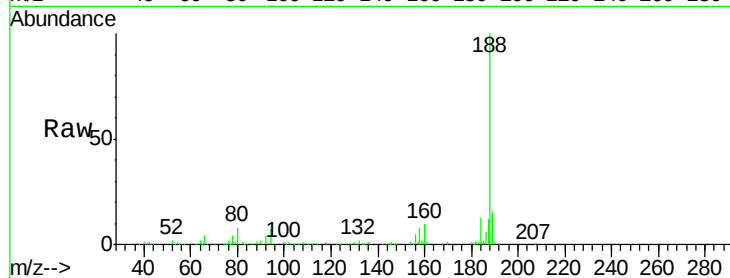
Tgt Ion:188 Resp: 141635

Ion Ratio Lower Upper

188 100

94 7.1 7.7 11.5#

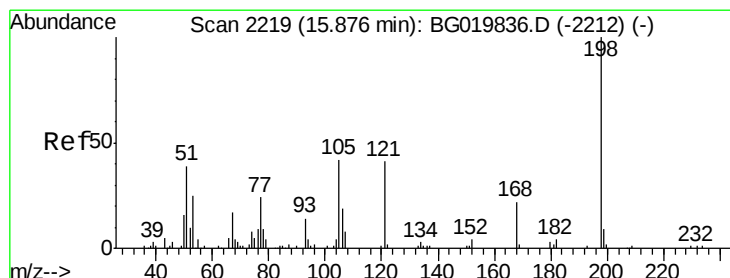
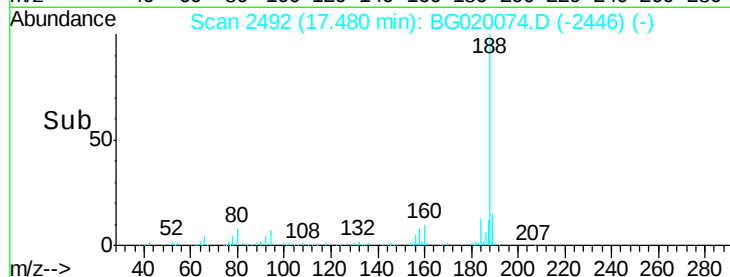
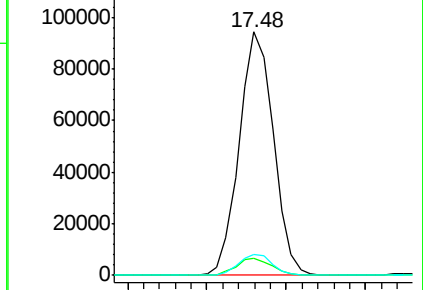
80 8.3 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.87 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

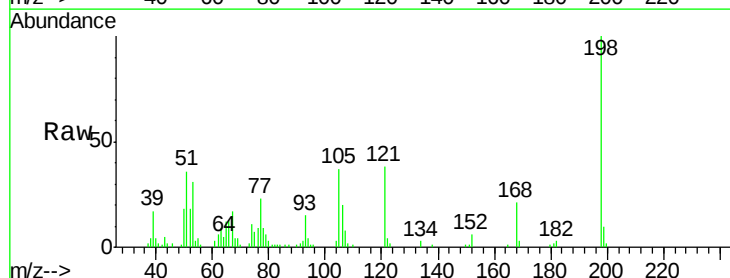
Tgt Ion:198 Resp: 27137

Ion Ratio Lower Upper

198 100

51 36.2 14.2 54.2

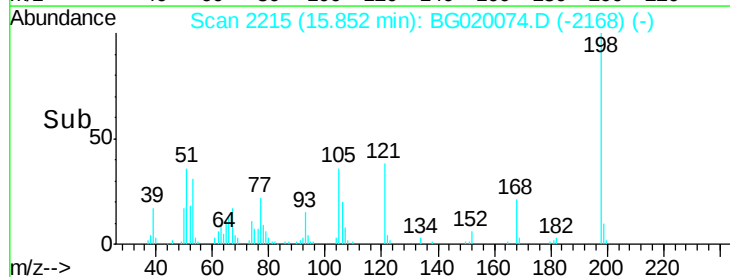
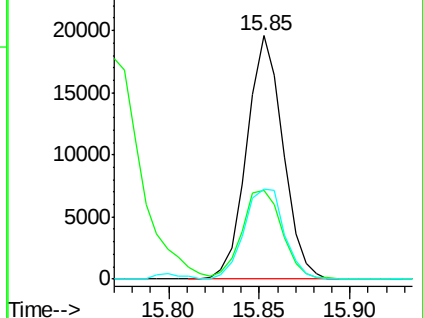
105 37.1 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.44 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

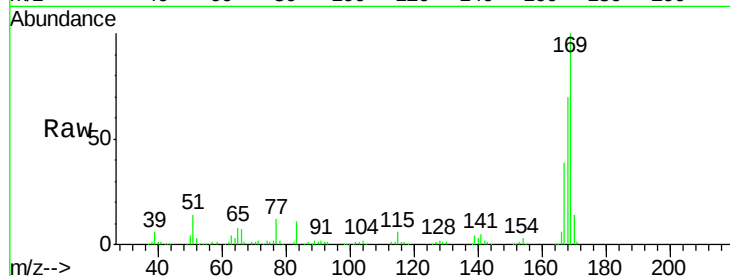
Tgt Ion:169 Resp: 157545

Ion Ratio Lower Upper

169 100

168 69.9 58.2 87.2

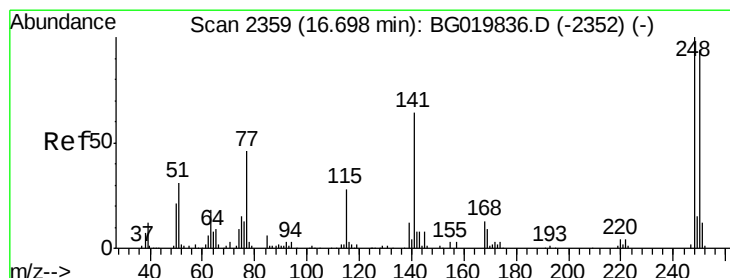
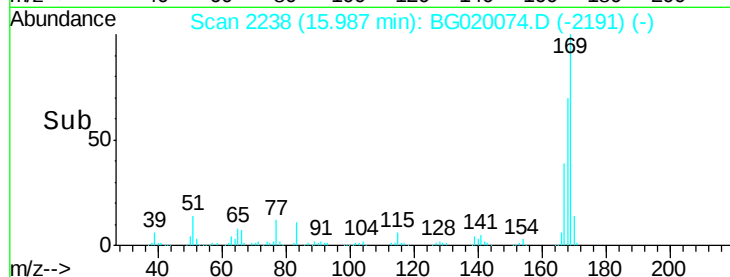
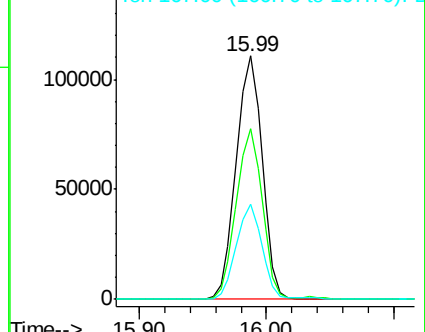
167 38.9 32.7 49.1



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: 36.44 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

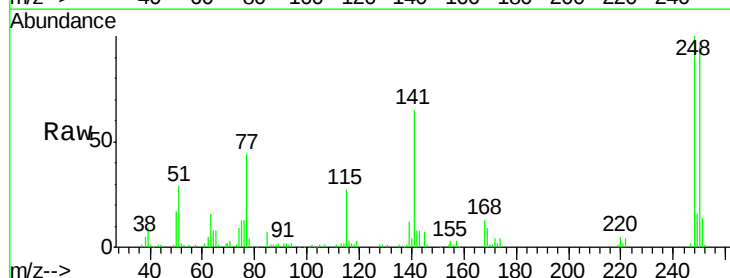
Tgt Ion:248 Resp: 64125

Ion Ratio Lower Upper

248 100

250 94.6 77.8 116.8

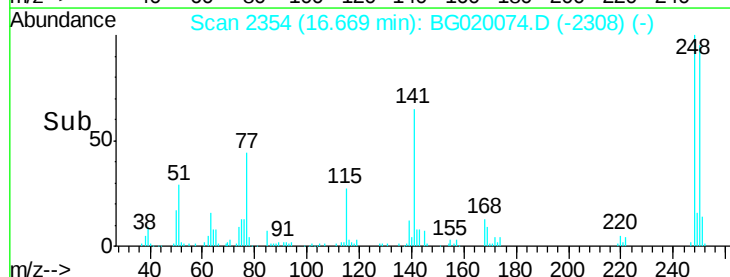
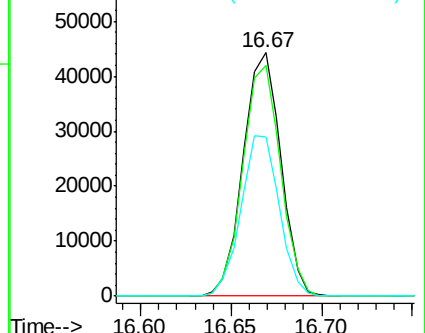
141 65.3 50.4 75.6



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: 37.67 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

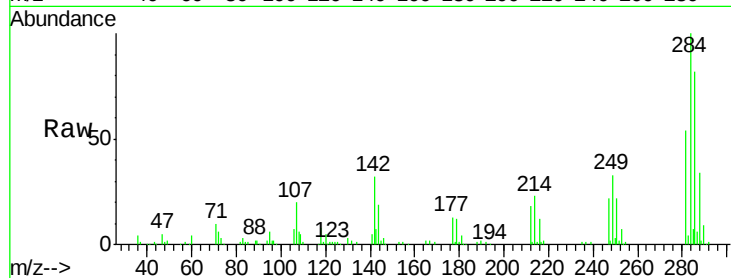
Tgt Ion:284 Resp: 69067

Ion Ratio Lower Upper

284 100

142 31.9 26.6 39.8

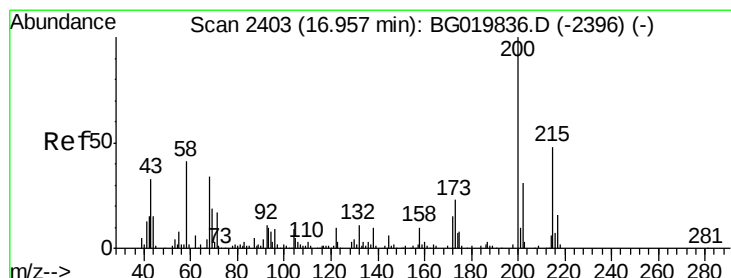
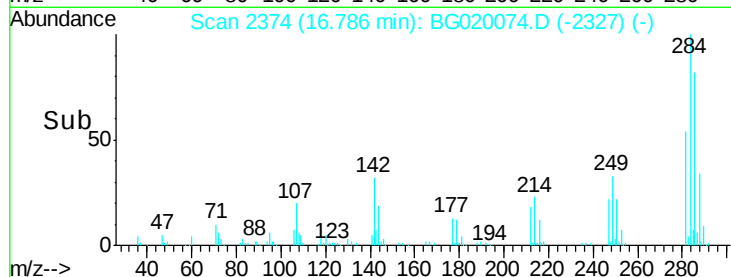
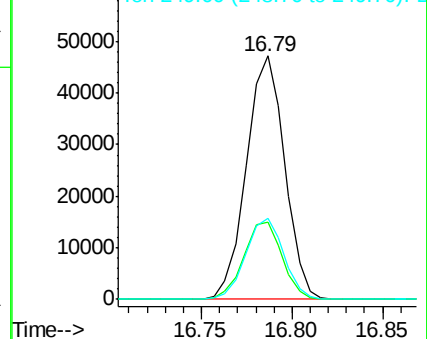
249 36.3 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.06 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.03 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

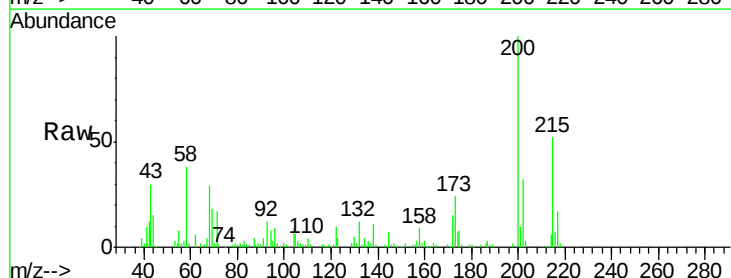
Tgt Ion:200 Resp: 65996

Ion Ratio Lower Upper

200 100

173 24.4 5.2 45.2

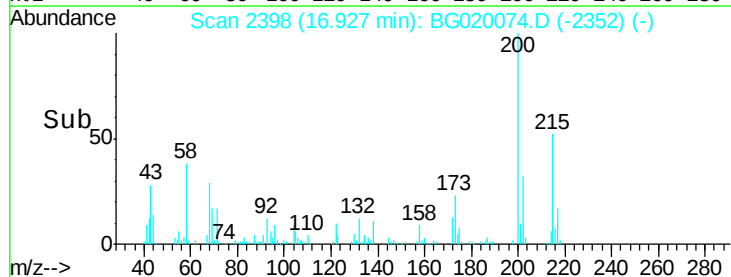
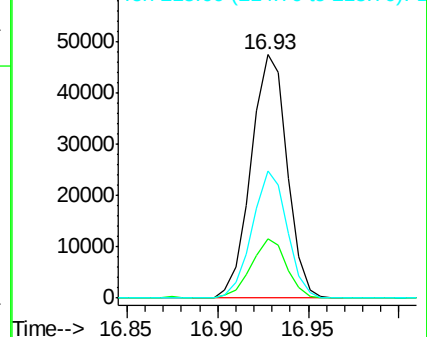
215 52.1 27.0 67.0

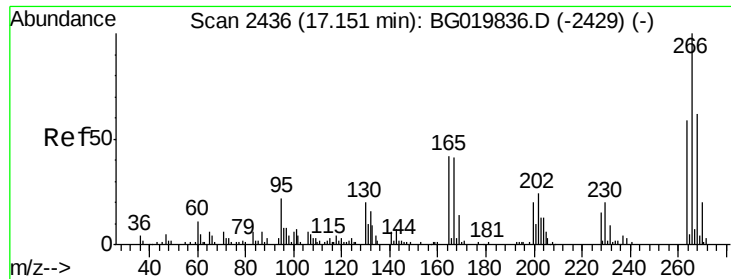


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

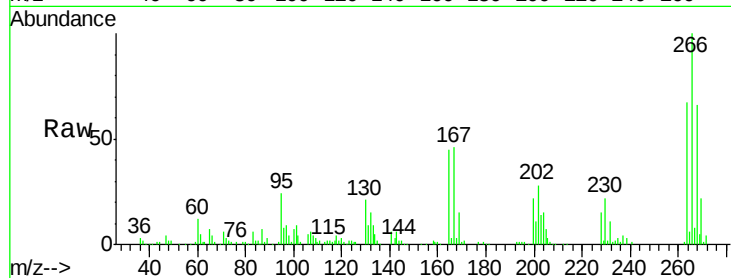




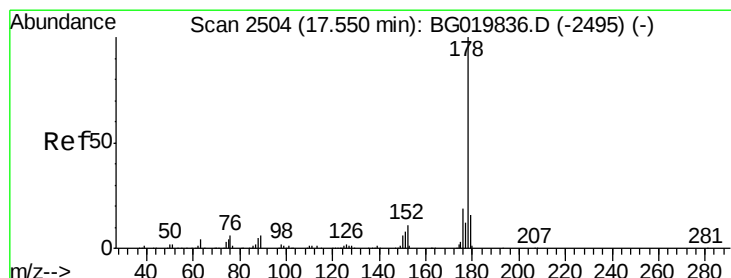
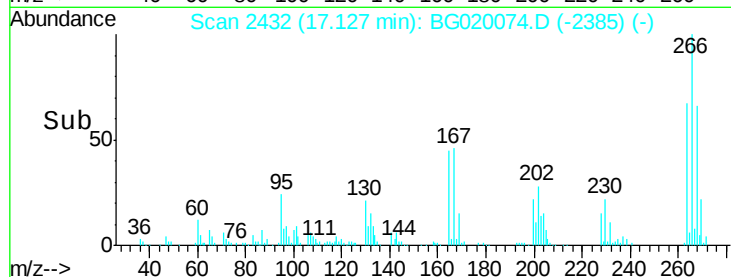
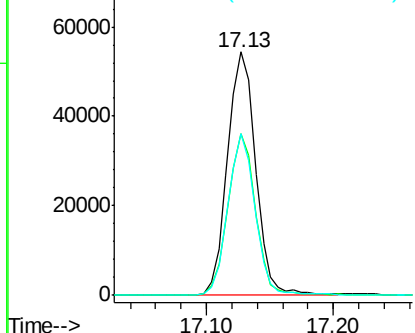
#69
 Pentachlorophenol
 Concen: 78.46 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion: 266 Resp: 83960
 Ion Ratio Lower Upper
 266 100
 268 66.4 47.6 71.4
 264 66.6 48.1 72.1

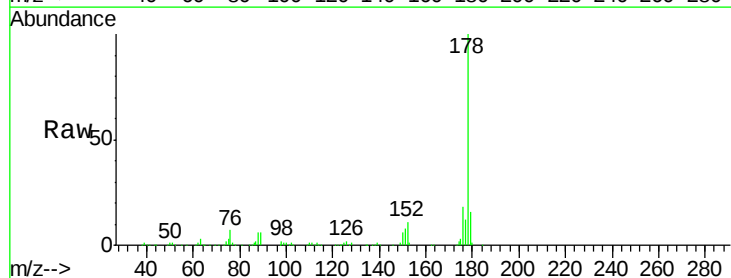


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

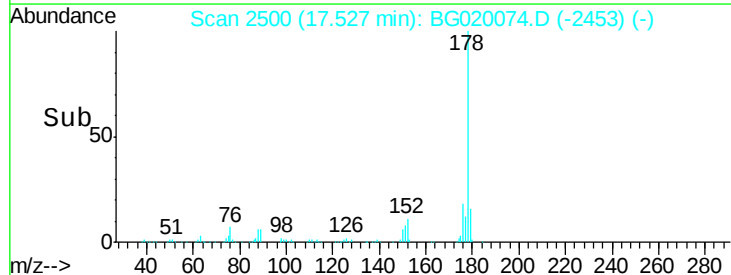
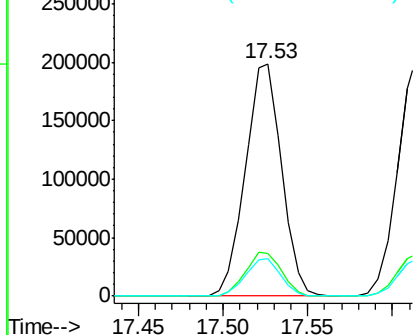


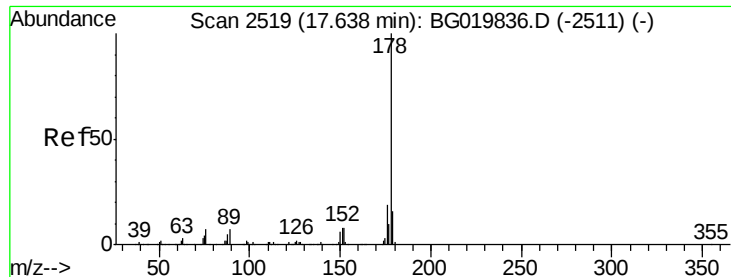
#70
 Phenanthrene
 Concen: 37.05 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion: 178 Resp: 296888
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.7 25.1
 179 15.9 13.9 20.9



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

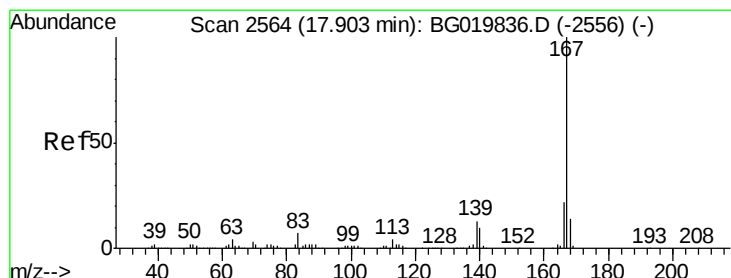
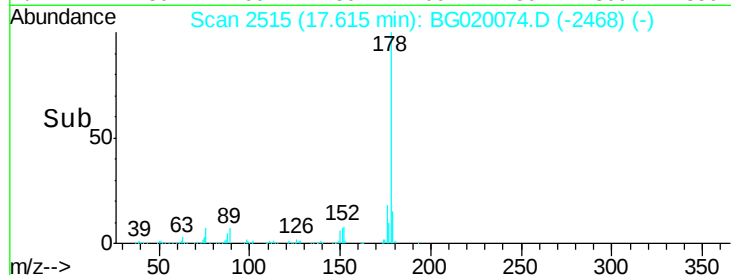
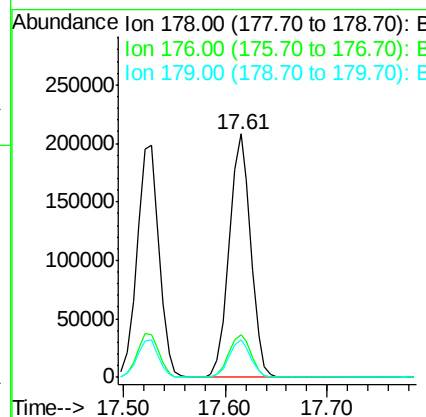
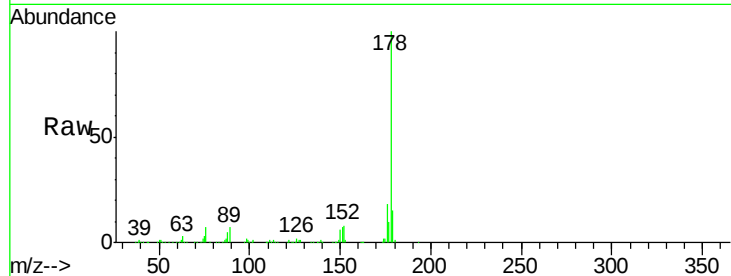




#71
 Anthracene
 Concen: 37.39 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

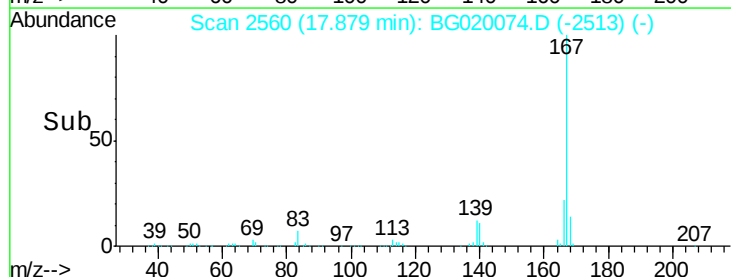
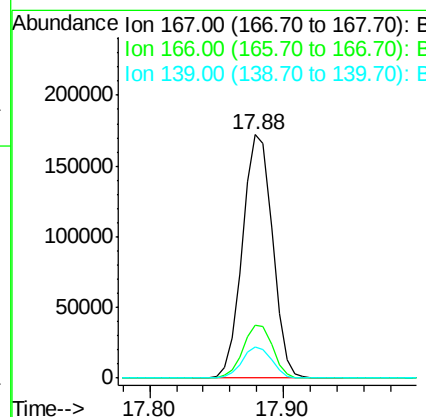
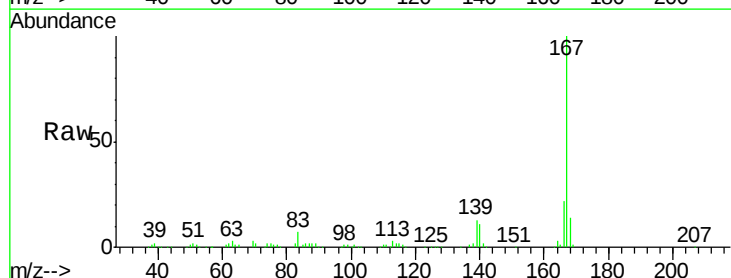
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.8	25.2
179	15.4	13.9	20.9



#72
 Carbazole
 Concen: 37.22 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.0	28.6
139	12.8	10.2	15.4

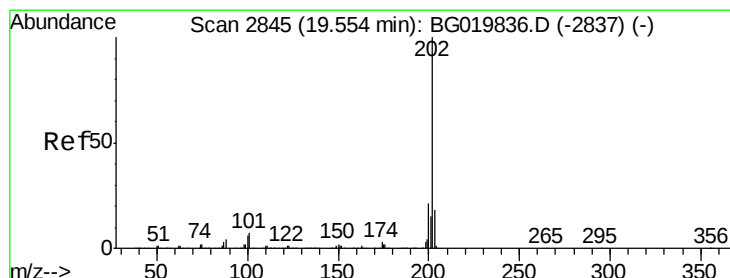
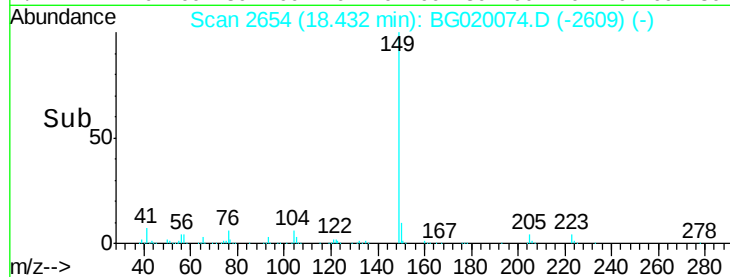
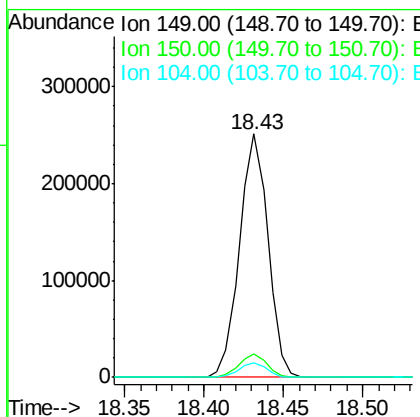
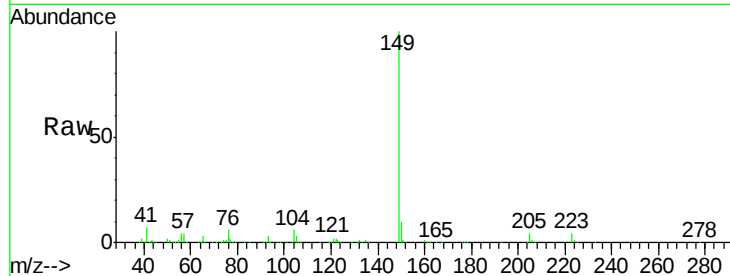




#73
Di-n-butylphthalate
Concen: 35.43 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

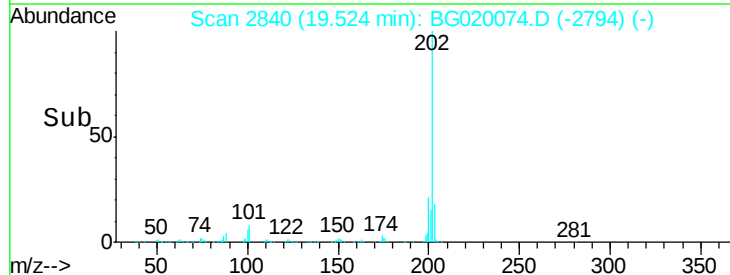
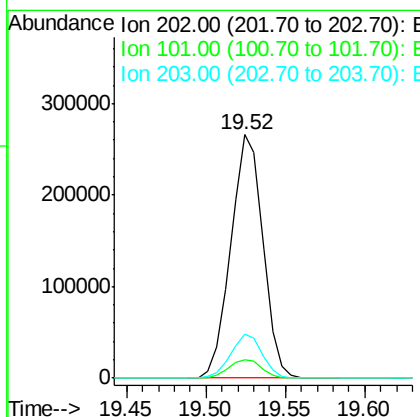
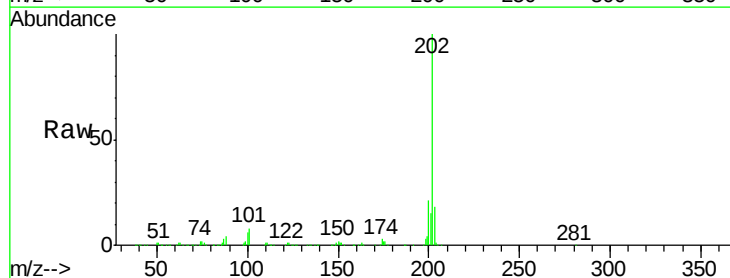
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

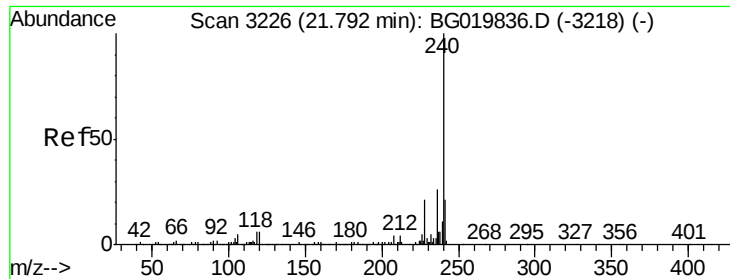
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.4
104	5.9	4.4	6.6



#74
Fluoranthene
Concen: 36.29 ng
RT: 19.52 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	32.4
203	18.2	0.0	39.5

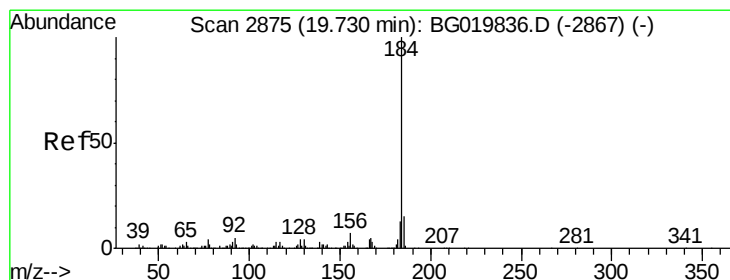
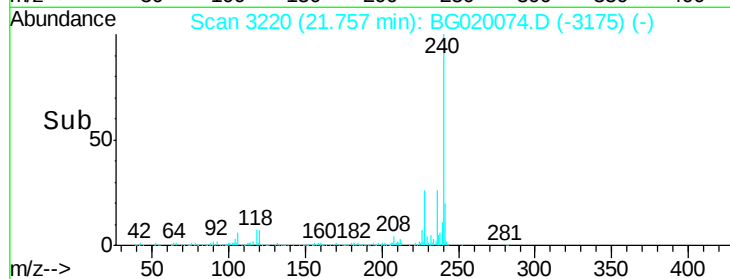
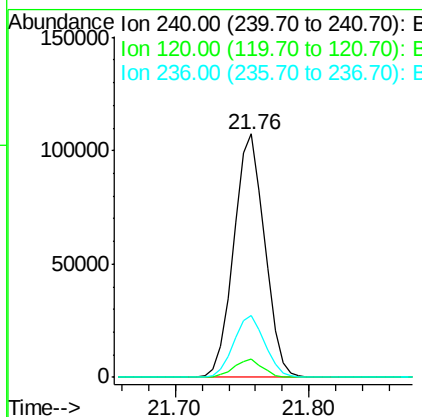
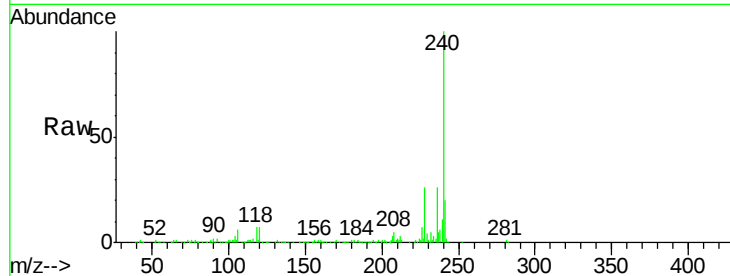




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

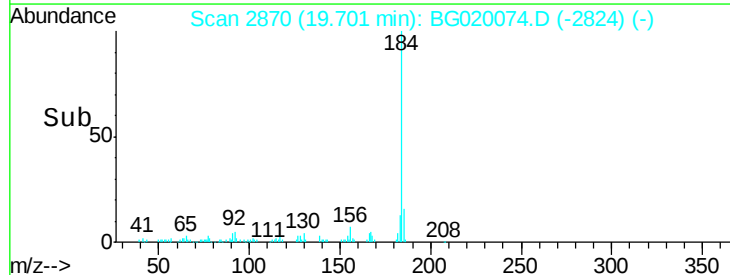
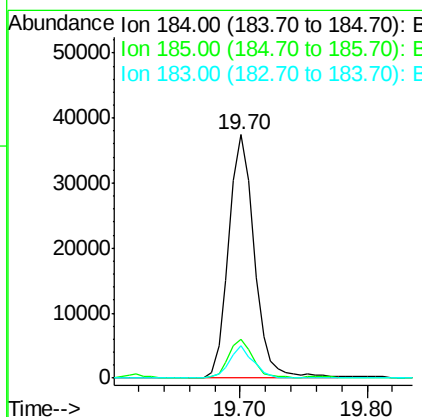
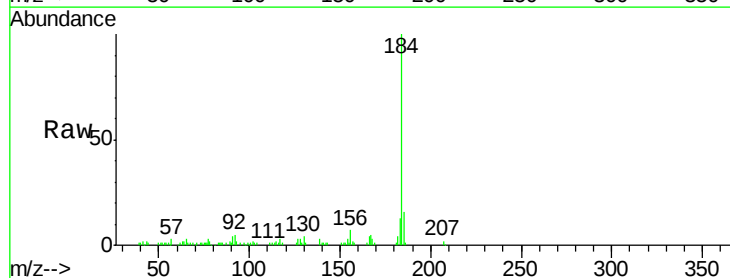
Instrument :
BNA_F
ClientSampleId :
S8-14.5MS

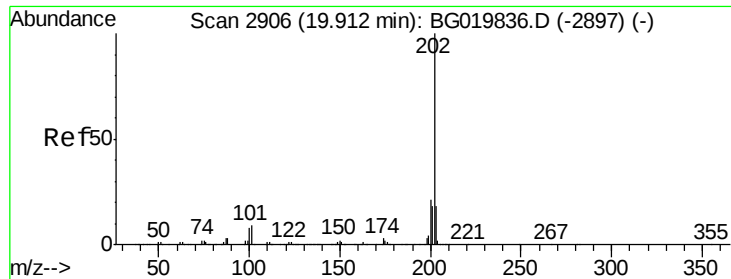
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.4	11.0#
236	25.6	20.7	31.1



#76
Benzidine
Concen: 9.27 ng
RT: 19.70 min Scan# 2870
Delta R.T. -0.03 min
Lab File: BG020074.D
Acq: 10 Dec 2015 14:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.4	20.2
183	13.3	10.1	15.1

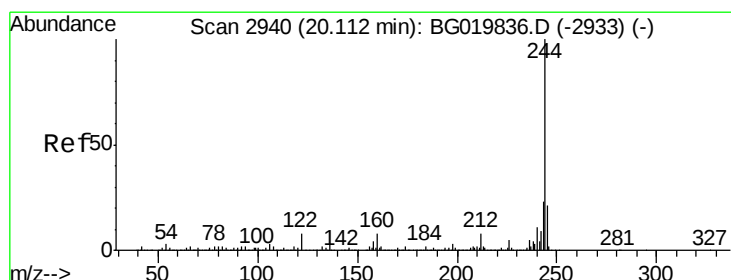
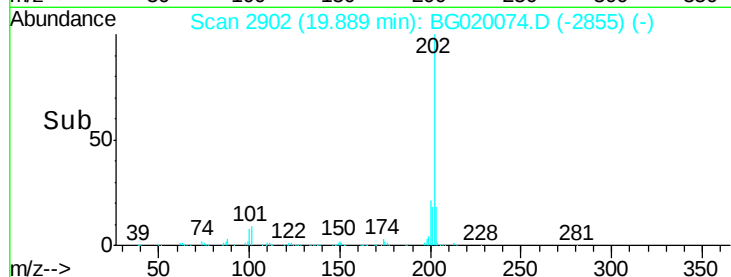
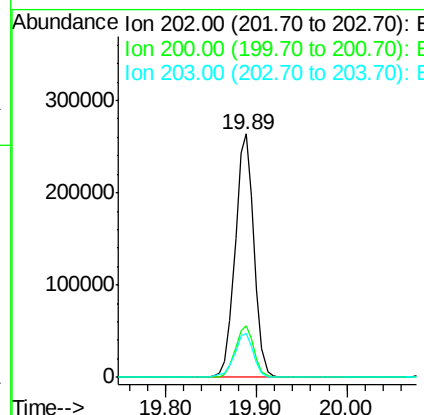
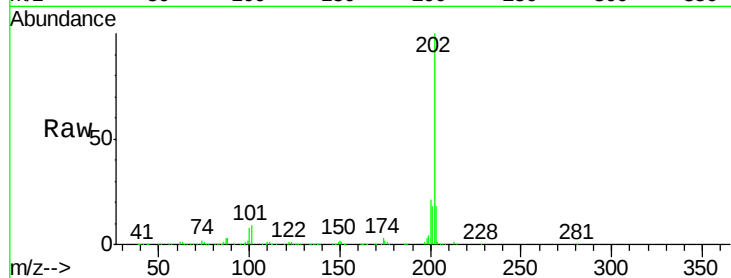




#77
 Pyrene
 Concen: 37.48 ng
 RT: 19.89 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

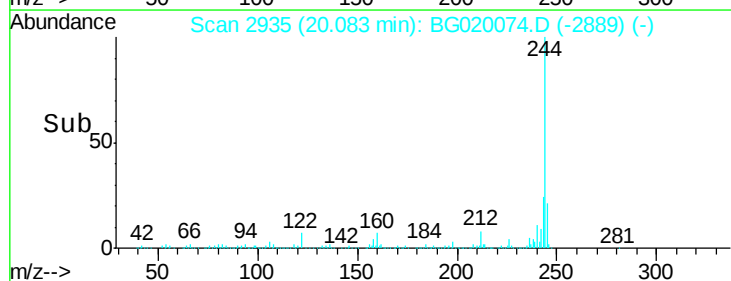
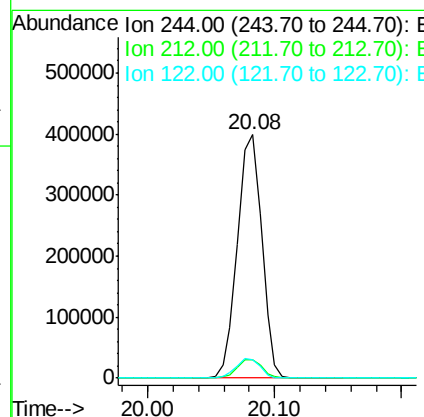
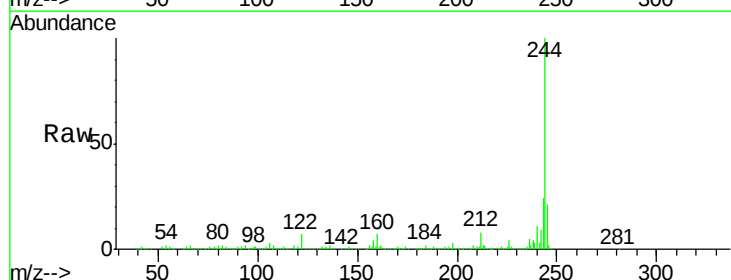
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

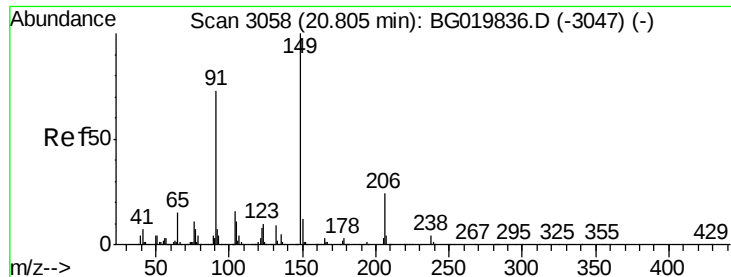
Tgt Ion:	202	Resp:	380469
Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.4	29.0
203	18.0	15.5	23.3



#78
 Terphenyl-d14
 Concen: 74.82 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion:	244	Resp:	529269
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	7.4	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 36.42 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.04 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

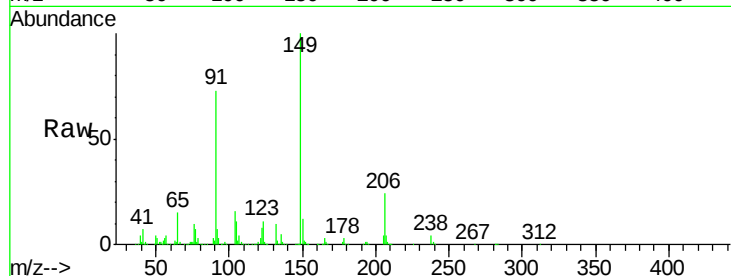
Tgt Ion:149 Resp: 144887

Ion Ratio Lower Upper

149 100

91 73.4 58.1 87.1

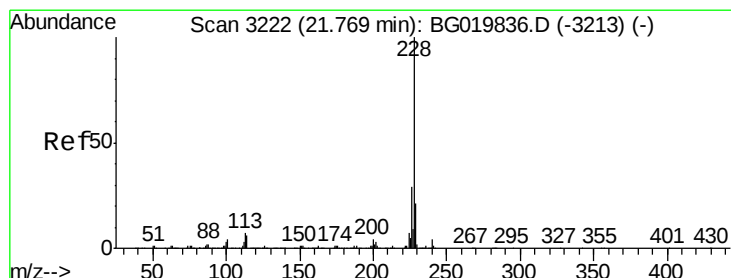
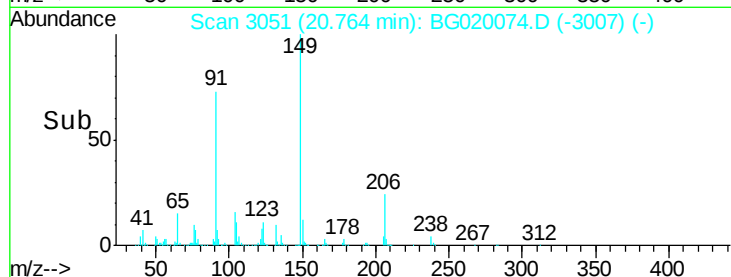
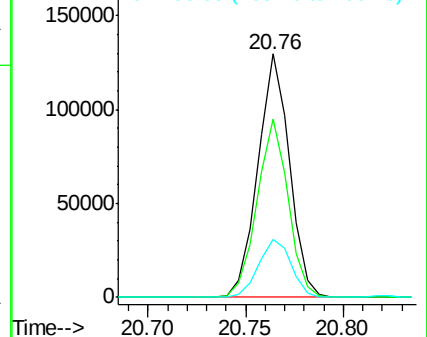
206 23.7 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.48 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.04 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

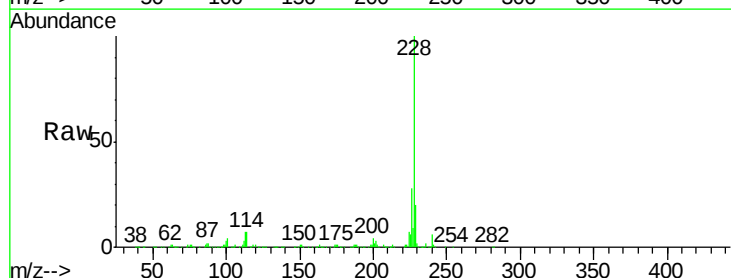
Tgt Ion:228 Resp: 385330

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.0

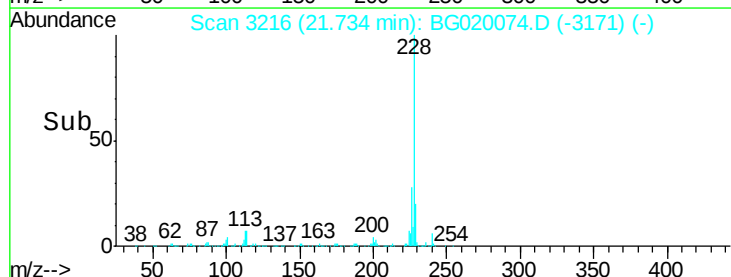
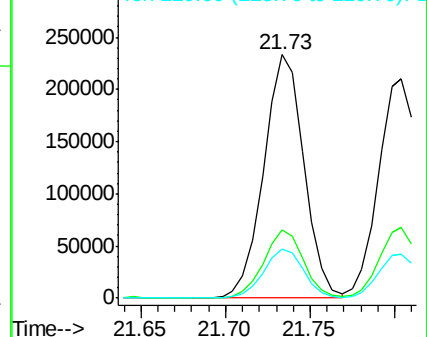
229 20.2 16.6 25.0



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

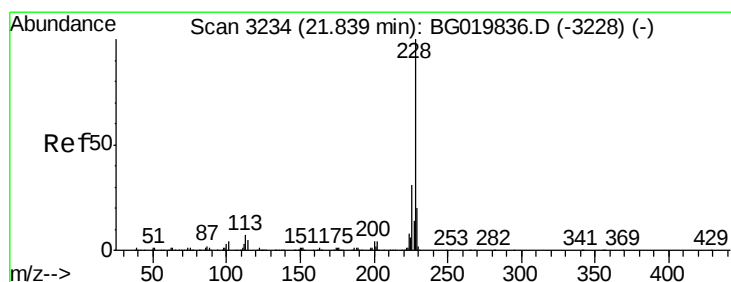
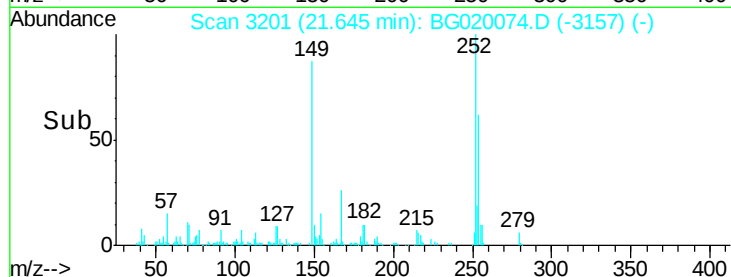
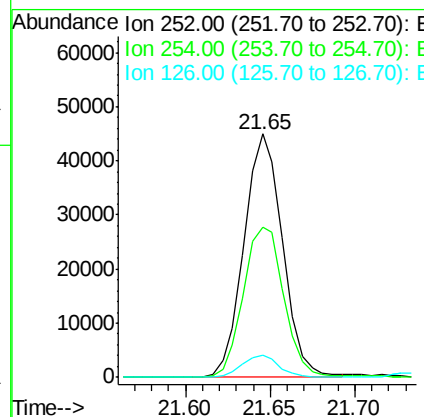
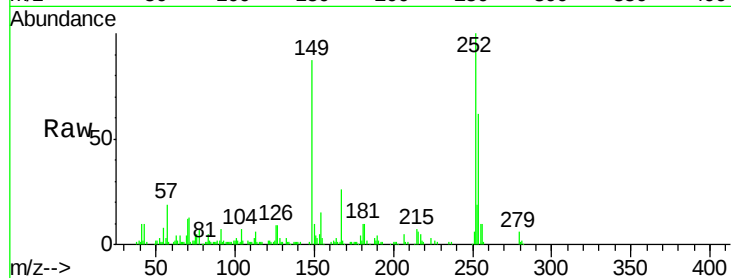




#81
 3,3'-Dichlorobenzidine
 Concen: 17.74 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

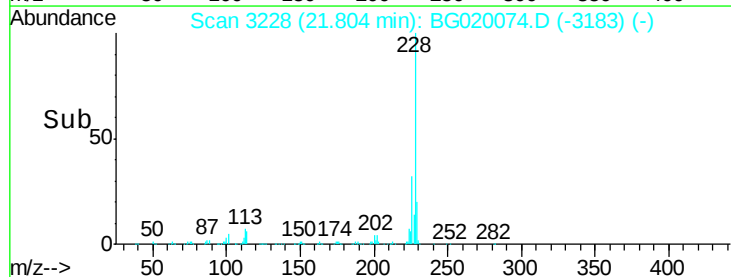
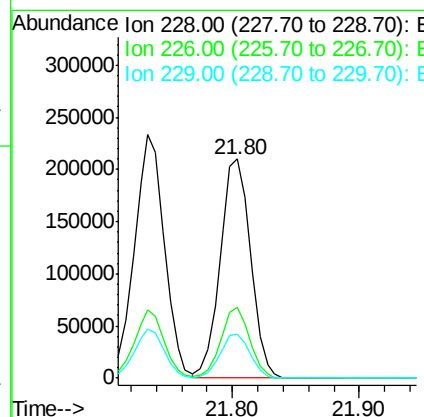
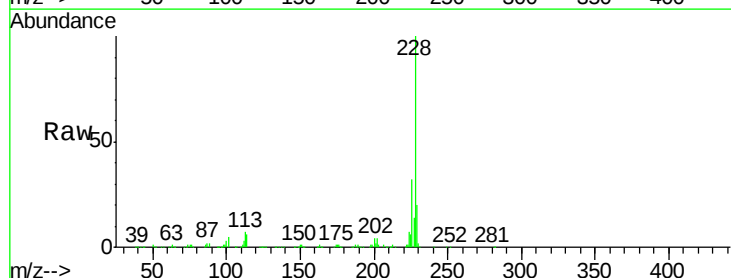
Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion: 252 Resp: 71376
 Ion Ratio Lower Upper
 252 100
 254 61.9 52.5 78.7
 126 8.9 8.5 12.7



#82
 Chrysene
 Concen: 34.94 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion: 228 Resp: 350411
 Ion Ratio Lower Upper
 228 100
 226 32.2 26.7 40.1
 229 20.0 17.0 25.6

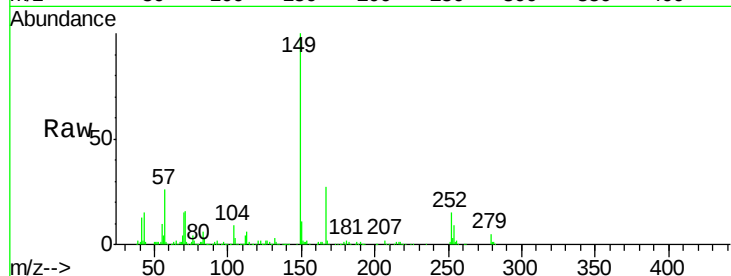




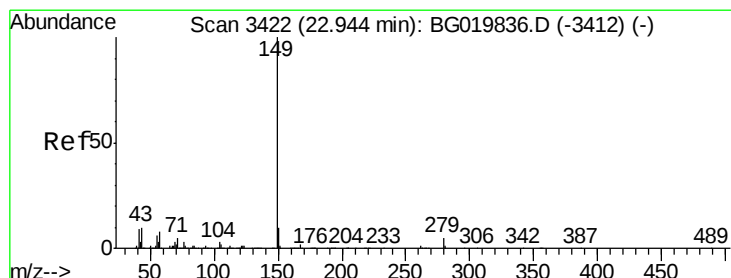
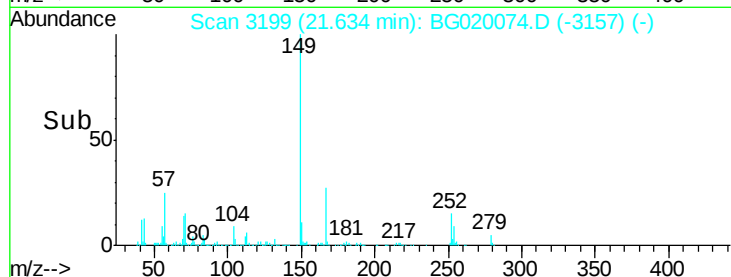
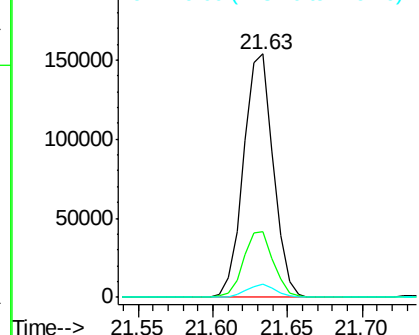
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.31 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.8	35.8
279	5.2	3.4	5.2#

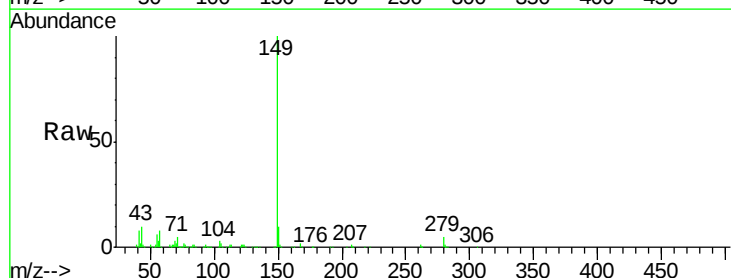


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

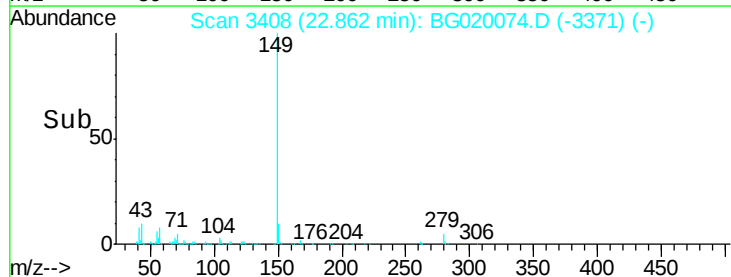
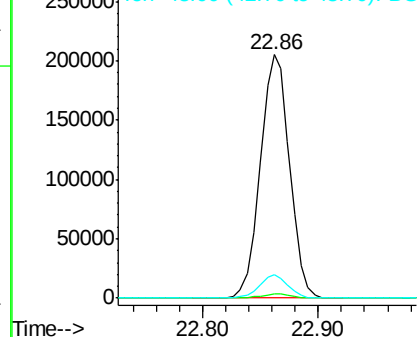


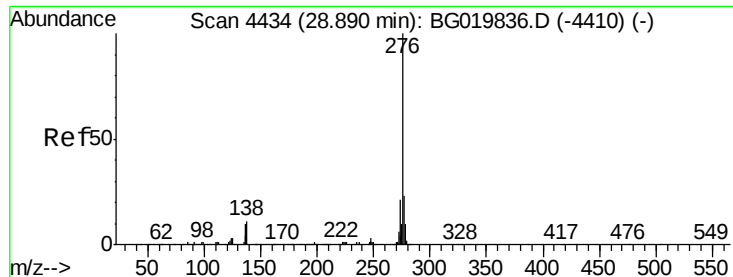
#84
 Di-n-octyl phthalate
 Concen: 37.94 ng
 RT: 22.86 min Scan# 3408
 Delta R.T. -0.08 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.5	5.9	8.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.15 ng

RT: 28.78 min Scan# 4415

Delta R.T. -0.11 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

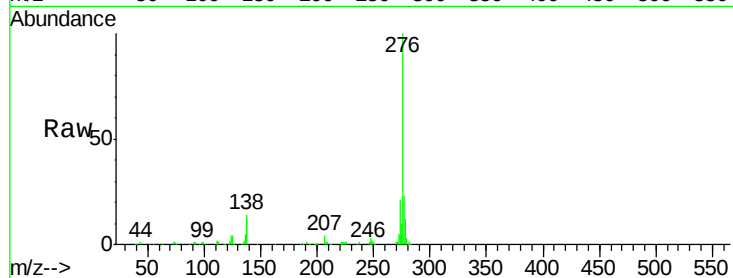
Tgt Ion:276 Resp: 410382

Ion Ratio Lower Upper

276 100

138 11.6 0.0 0.0#

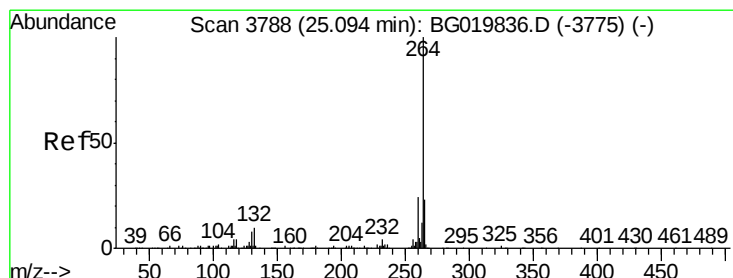
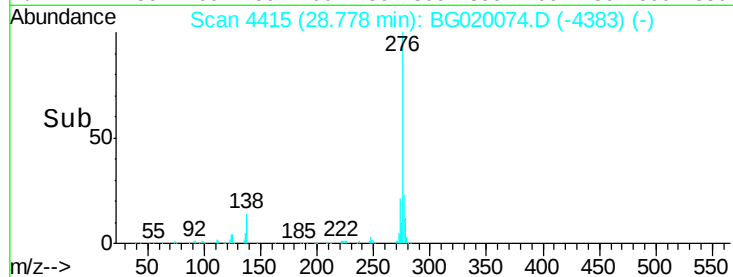
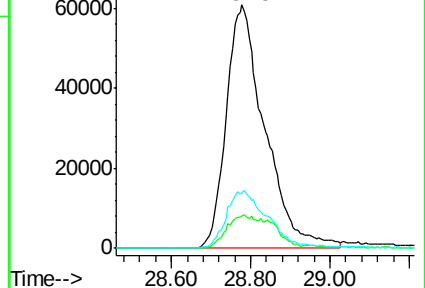
277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

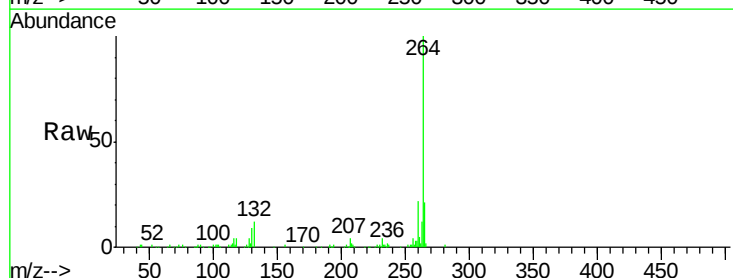
Tgt Ion:264 Resp: 161942

Ion Ratio Lower Upper

264 100

260 22.1 18.5 27.7

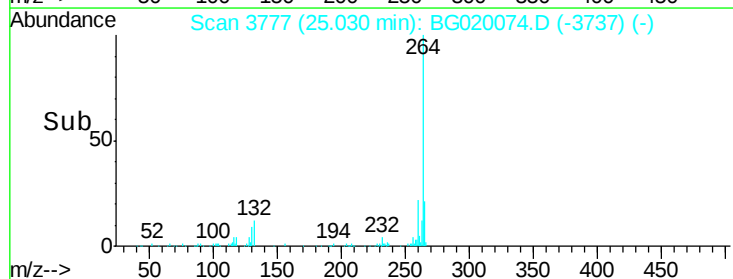
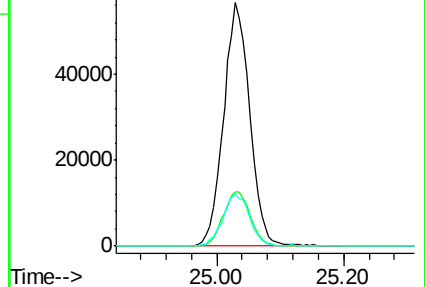
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.91 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.06 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

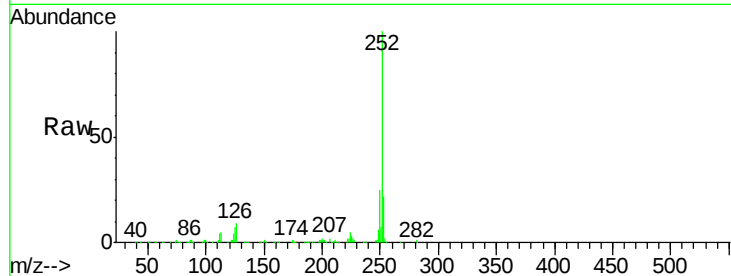
Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

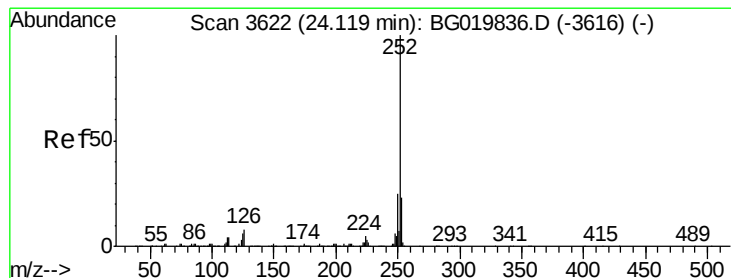
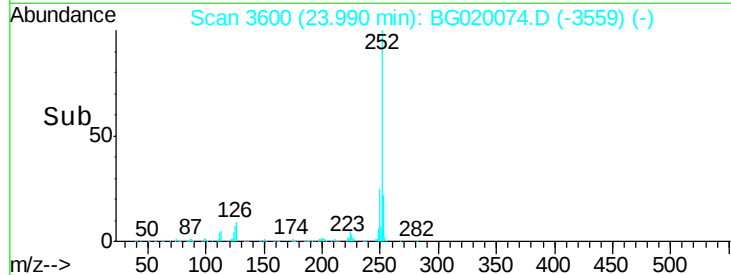
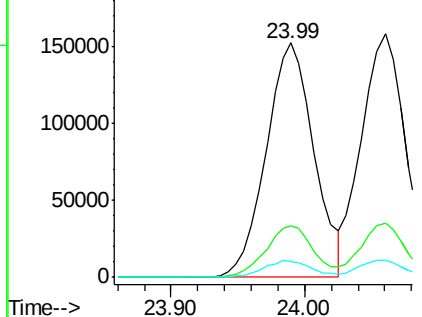
Tgt Ion:	252	Resp:	378810
Ion Ratio	Lower	Upper	
252	100		
253	22.2	19.1	28.7
125	6.9	8.9	13.3#



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: 35.49 ng

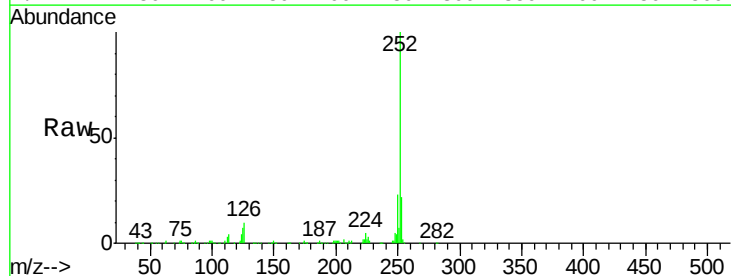
RT: 24.06 min Scan# 3612

Delta R.T. -0.06 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

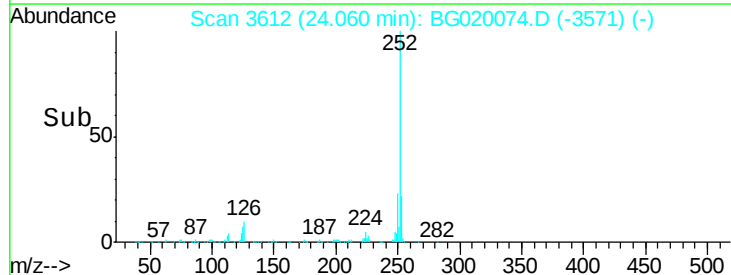
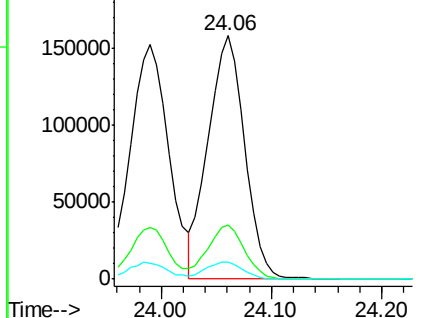
Tgt Ion:	252	Resp:	360755
Ion Ratio	Lower	Upper	
252	100		
253	22.1	19.0	28.4
125	6.8	8.9	13.3#

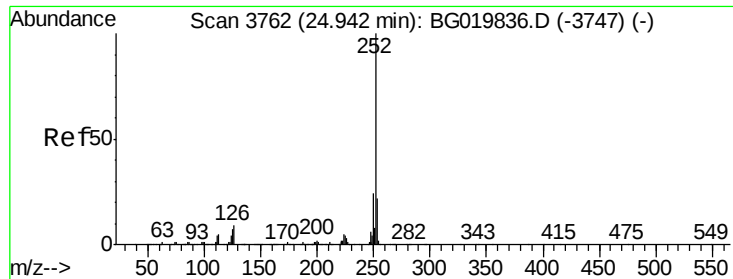


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.80 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

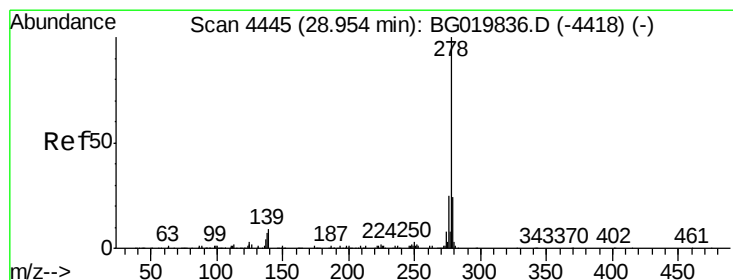
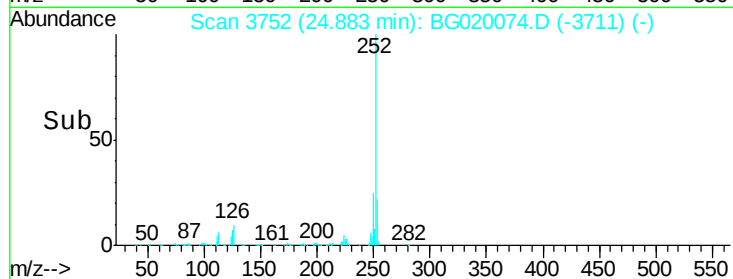
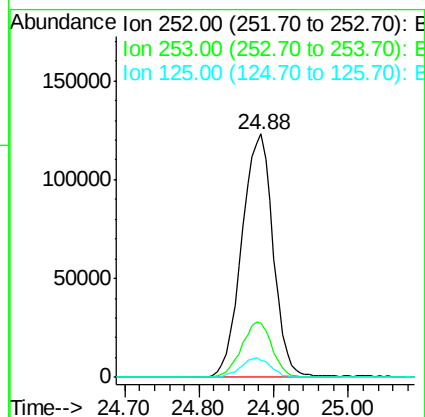
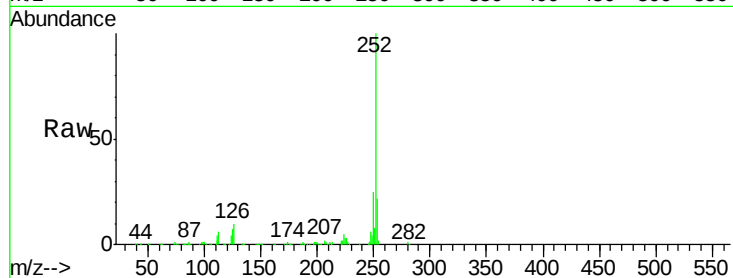
Instrument :

BNA_F

ClientSampleId :

S8-14.5MS

Tgt Ion:	252	Resp:	358607
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.7	28.1
125	7.3	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 35.53 ng

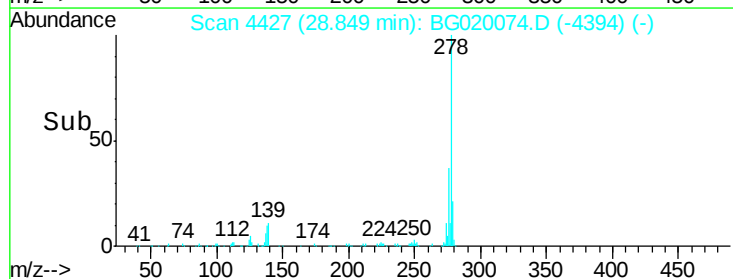
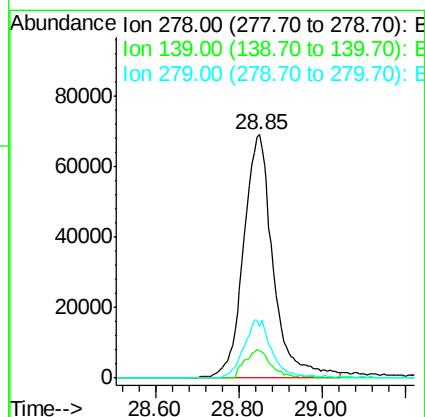
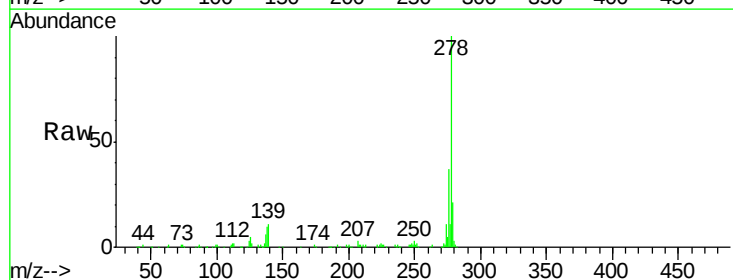
RT: 28.85 min Scan# 4427

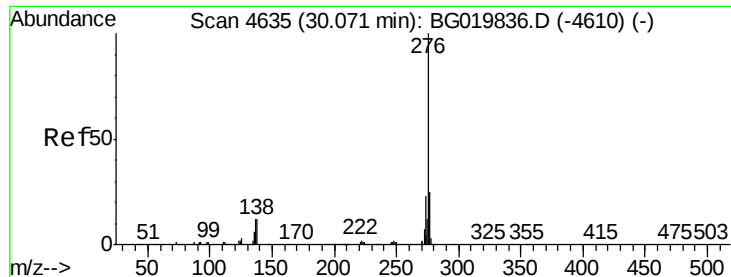
Delta R.T. -0.11 min

Lab File: BG020074.D

Acq: 10 Dec 2015 14:02

Tgt Ion:	278	Resp:	342026
Ion Ratio	Lower	Upper	
278	100		
139	11.0	13.8	20.6#
279	21.2	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 34.88 ng
 RT: 29.95 min Scan# 4615
 Delta R.T. -0.12 min
 Lab File: BG020074.D
 Acq: 10 Dec 2015 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S8-14.5MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	14.6	17.4	26.0

