

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022235.D
 Acq On : 8 Jun 2016 13:25
 Operator : UM/SJ
 Sample : H3402-05MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

Quant Time: Jun 08 17:56:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	25666	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	131504	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	87065	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	202910	20.00	ng	0.00
75) Chrysene-d12	21.76	240	188758	20.00	ng	0.00
86) Perylene-d12	25.05	264	179345	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	228047	171.79	ng	0.00
7) Phenol-d6	7.28	99	349310	167.36	ng	0.00
23) Nitrobenzene-d5	9.29	82	184040	97.57	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	140458	142.77	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	498455	87.25	ng	0.00
78) Terphenyl-d14	20.08	244	725665	91.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	22403	35.20	ng	# 77
3) Pyridine	3.92	79	63677	37.02	ng	99
4) n-Nitrosodimethylamine	3.84	42	16897	43.93	ng	94
6) Aniline	7.44	93	89441	33.73	ng	# 81
8) 2-Chlorophenol	7.68	128	100222	54.62	ng	# 79
9) Benzaldehyde	7.26	77	4531	3.94	ng	# 88
10) Phenol	7.30	94	124386	57.80	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	85985	50.12	ng	# 74
12) 1,3-Dichlorobenzene	8.00	146	89020	45.26	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	90790	46.33	ng	92
14) 1,2-Dichlorobenzene	8.47	146	90678	45.91	ng	97
15) Benzyl Alcohol	8.35	79	66002	48.95	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.64	45	83985	47.18	ng	81
17) 2-Methylphenol	8.56	107	86212	53.69	ng	# 87
18) Hexachloroethane	9.20	117	32667	45.65	ng	# 79
19) n-Nitroso-di-n-propylamine	8.92	70	66211	46.86	ng	# 68
20) 3+4-Methylphenols	8.89	107	121989	52.96	ng	95
22) Acetophenone	8.94	105	136472	48.16	ng	# 81
24) Nitrobenzene	9.33	77	96974	51.13	ng	# 81
25) Isophorone	9.85	82	205523	46.57	ng	# 93
26) 2-Nitrophenol	10.05	139	51116	49.70	ng	# 74
27) 2,4-Dimethylphenol	10.10	122	102287	54.94	ng	88
28) bis(2-Chloroethoxy)methane	10.33	93	124771	49.35	ng	94
29) 2,4-Dichlorophenol	10.59	162	99242	57.54	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	93302	48.42	ng	92
31) Naphthalene	10.99	128	314461	47.91	ng	# 96
32) Benzoic acid	10.22	122	4743	15.35	ng	# 63
33) 4-Chloroaniline	11.10	127	59135	21.67	ng	# 87
34) Hexachlorobutadiene	11.26	225	48367	46.75	ng	93
35) Caprolactam	11.86	113	44315m	46.84	ng	
36) 4-Chloro-3-methylphenol	12.21	107	113935	55.73	ng	# 80
37) 2-Methylnaphthalene	12.59	142	234475	48.39	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	104528	46.64	ng	98
40) Hexachlorocyclopentadiene	12.92	237	90222	79.02	ng	100

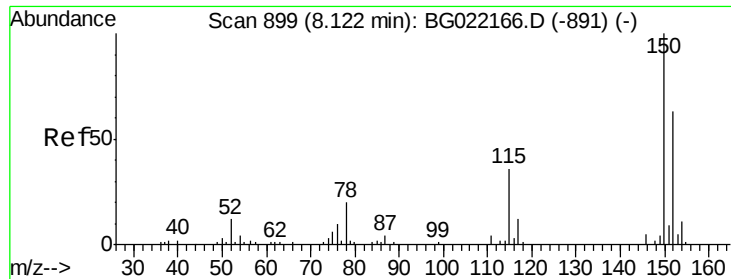
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG02235.D
 Acq On : 8 Jun 2016 13:25
 Operator : UM/SJ
 Sample : H3402-05MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

Quant Time: Jun 08 17:56:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	78429	52.16	nq	97
43) 2,4,5-Trichlorophenol	13.27	196	87445	52.64	nq	96
45) 1,1'-Biphenyl	13.58	154	314049	47.93	nq	95
46) 2-Chloronaphthalene	13.63	162	246296	49.04	nq	96
47) 2-Nitroaniline	13.84	65	60849	50.81	nq	# 51
48) Acenaphthylene	14.47	152	423985	48.11	nq	97
49) Dimethylphthalate	14.19	163	425496	58.94	nq	99
50) 2,6-Dinitrotoluene	14.32	165	78189	49.82	nq	# 76
51) Acenaphthene	14.81	154	254486	48.20	nq	97
52) 3-Nitroaniline	14.66	138	53956	31.00	nq	# 83
53) 2,4-Dinitrophenol	14.87	184	31043	52.75	nq	# 72
54) Dibenzofuran	15.15	168	396582	48.13	nq	98
55) 4-Nitrophenol	14.98	139	125224	104.24	nq	# 72
56) 2,4-Dinitrotoluene	15.11	165	108338	51.47	nq	# 83
57) Fluorene	15.79	166	341065	48.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	74285	49.86	nq	95
59) Diethylphthalate	15.55	149	360685	46.77	nq	99
60) 4-Chlorophenyl-phenylether	15.78	204	155289	48.31	nq	97
61) 4-Nitroaniline	15.82	138	84485	45.77	nq	# 80
62) Azobenzene	16.07	77	287564	49.24	nq	86
64) 4,6-Dinitro-2-methylphenol	15.88	198	43219	42.69	nq	# 82
65) n-Nitrosodiphenylamine	15.99	169	294610	50.40	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	93786	49.33	nq	94
67) Hexachlorobenzene	16.79	284	104562	47.19	nq	96
68) Atrazine	16.93	200	101385	46.86	nq	97
69) Pentachlorophenol	17.14	266	98410	96.44	nq	98
70) Phenanthrene	17.53	178	527045	47.82	nq	98
71) Anthracene	17.63	178	521566	47.72	nq	98
72) Carbazole	17.90	167	492345	47.56	nq	99
73) Di-n-butylphthalate	18.43	149	630818	46.61	nq	98
74) Fluoranthene	19.54	202	584958	46.17	nq	97
76) Benzidine	19.72	184	194850	39.47	nq	98
77) Pyrene	19.89	202	581225	49.53	nq	100
79) Butylbenzylphthalate	20.76	149	268315	49.30	nq	91
80) Benzo(a)anthracene	21.74	228	517040	48.85	nq	100
81) 3,3'-Dichlorobenzidine	21.66	252	84286	28.36	nq	99
82) Chrysene	21.82	228	492386	47.81	nq	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	398323	49.77	nq	98
84) Di-n-octyl phthalate	22.85	149	662562	49.86	nq	# 86
85) Indeno(1,2,3-cd)pyrene	28.84	276	574943	49.76	nq	# 87
87) Benzo(b)fluoranthene	24.01	252	513928	49.13	nq	# 95
88) Benzo(k)fluoranthene	24.08	252	498530	48.42	nq	# 98
89) Benzo(a)pyrene	24.91	252	489292	48.92	nq	98
90) Dibenzo(a,h)anthracene	28.89	278	466555	49.53	nq	# 93
91) Benzo(g,h,i)perylene	30.01	276	479445	48.92	nq	# 92

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

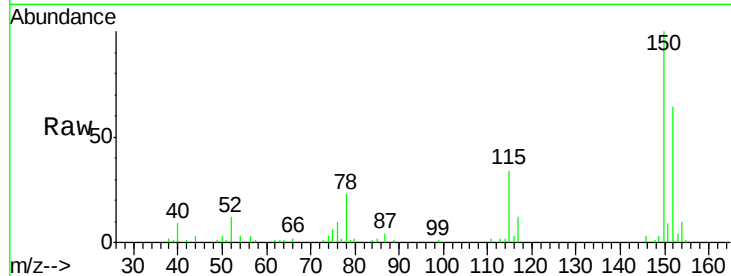


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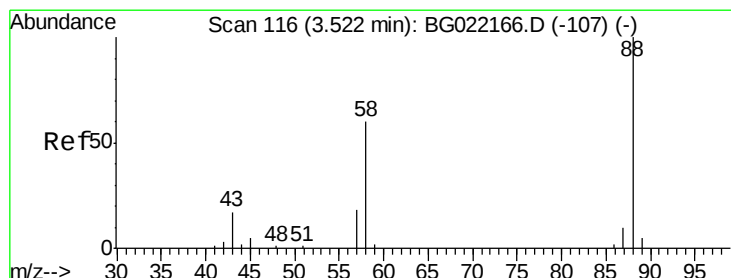
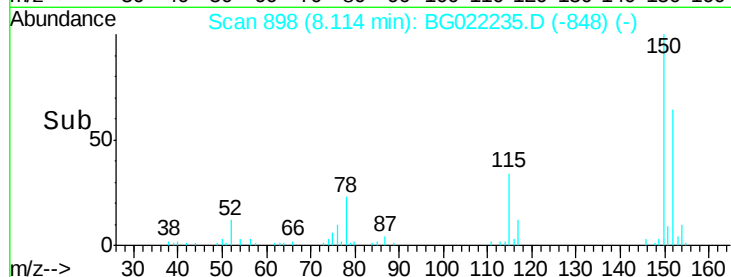
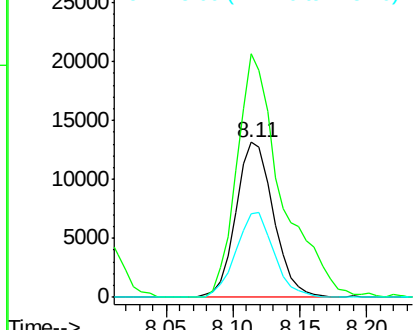
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :
SB-16MSD

Tot Ion:152 Resp: 25666
Ion Ratio Lower Upper
152 100
150 157.1 130.1 195.1
115 53.8 62.2 93.2#



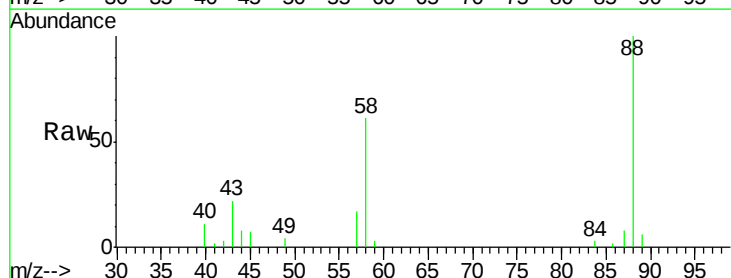
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



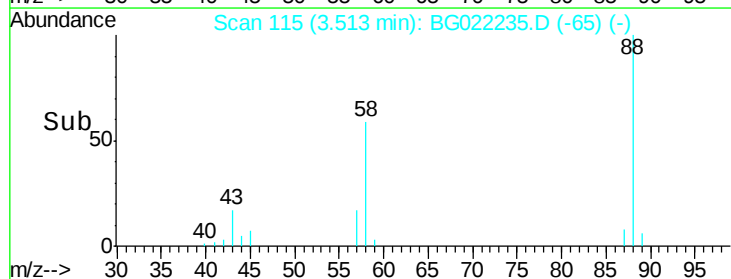
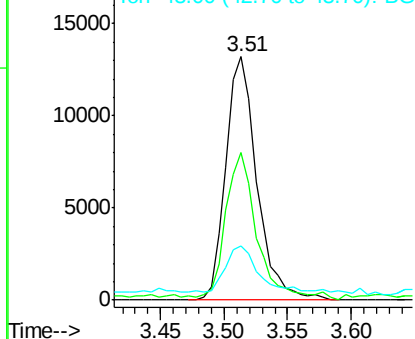
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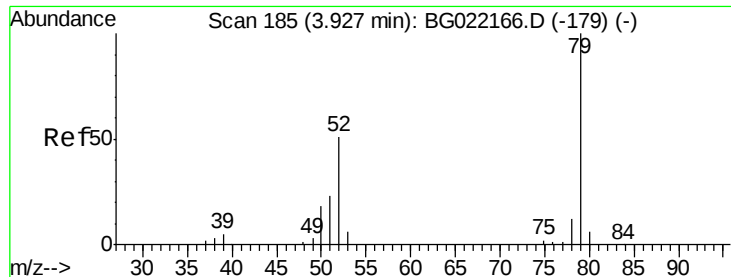
1,4-Dioxane
Concen: 35.20 ng
RT: 3.51 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion: 88 Resp: 22403
Ion Ratio Lower Upper
88 100
58 61.9 36.8 55.2#
43 20.7 10.4 15.6#



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

Pvridine

Concen: 37.02 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

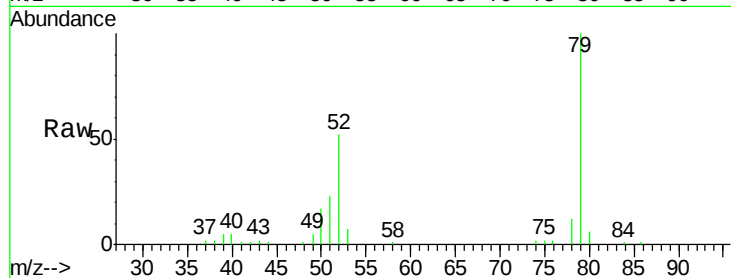
Tot Ion: 79 Resp: 63677

Ion Ratio Lower Upper

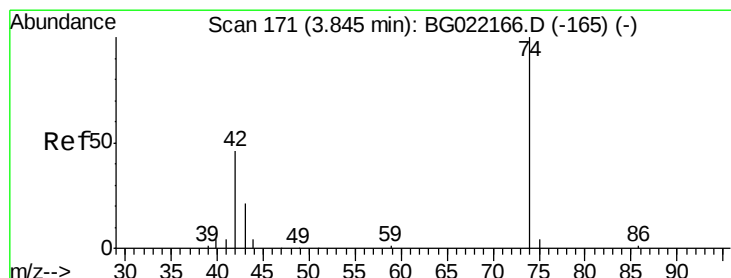
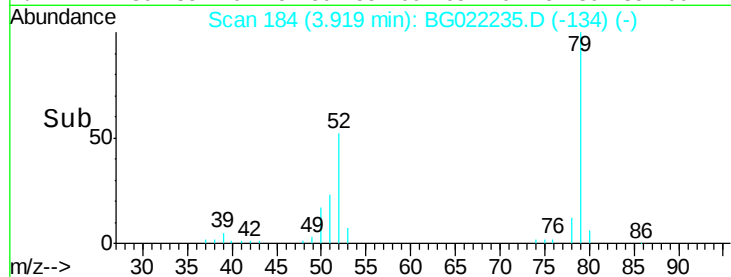
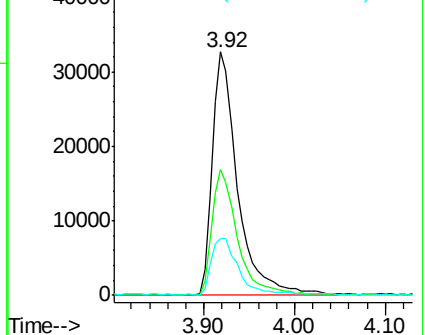
79 100

52 51.9 41.6 62.4

51 23.4 19.2 28.8



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



#4

n-Nitrosodimethylamine

Concen: 43.93 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

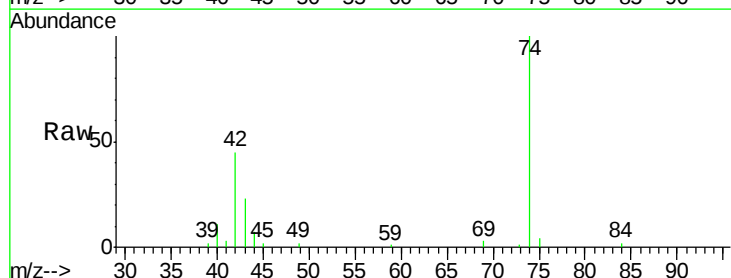
Tgt Ion: 42 Resp: 16897

Ion Ratio Lower Upper

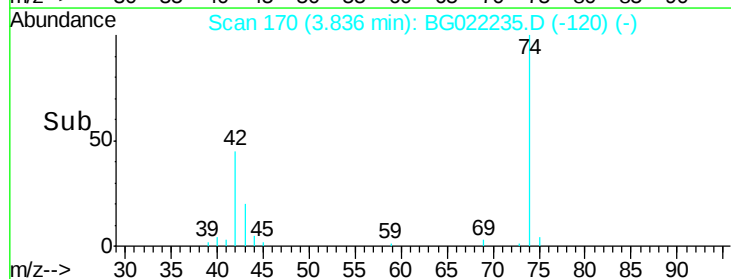
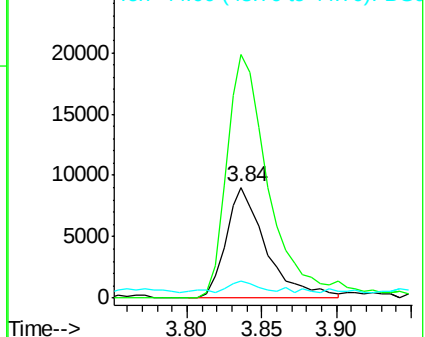
42 100

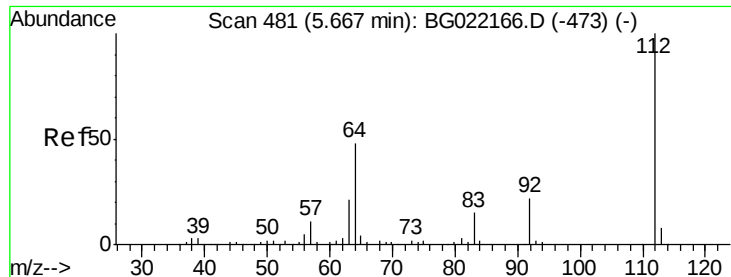
74 220.1 184.0 276.0

44 15.5 11.0 16.6



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





#5

2-Fluorophenol

Concen: 171.79 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

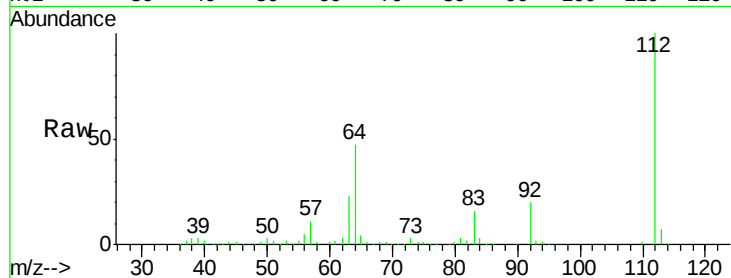
Tot Ion:112 Resp: 228047

Ion Ratio Lower Upper

112 100

64 47.2 51.1 76.7#

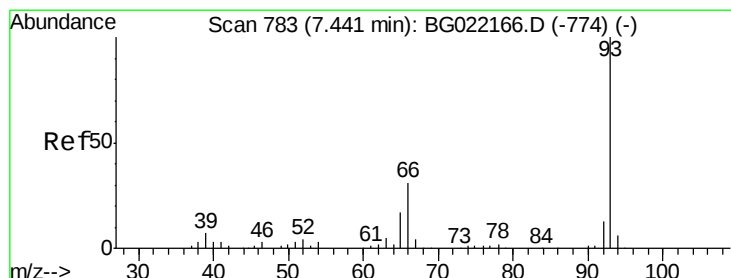
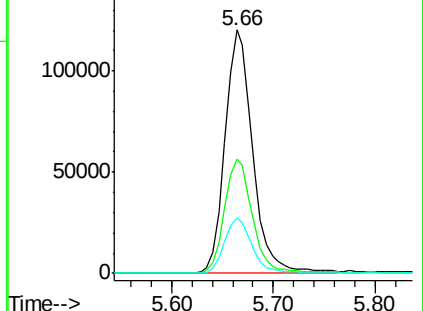
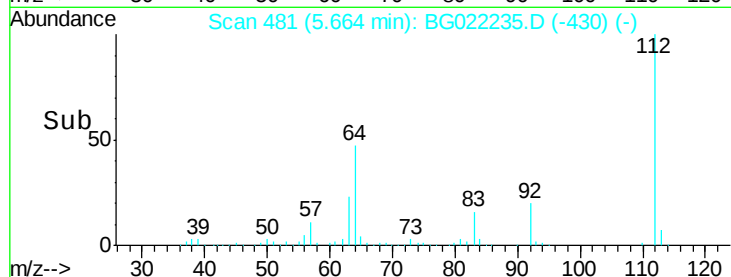
63 22.9 24.6 37.0#



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: 33.73 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

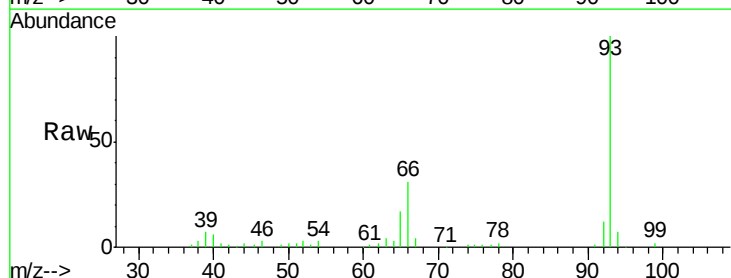
Tgt Ion: 93 Resp: 89441

Ion Ratio Lower Upper

93 100

66 30.6 36.3 54.5#

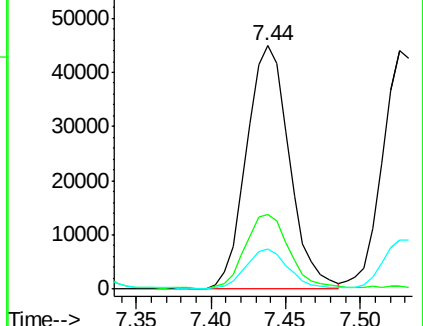
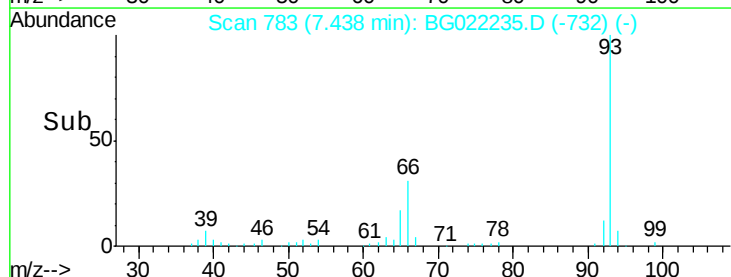
65 16.7 18.4 27.6#

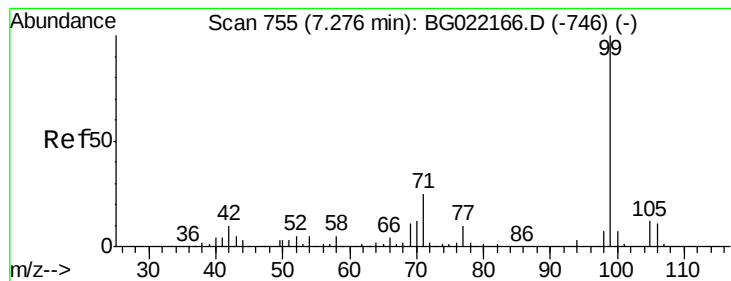


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 167.36 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

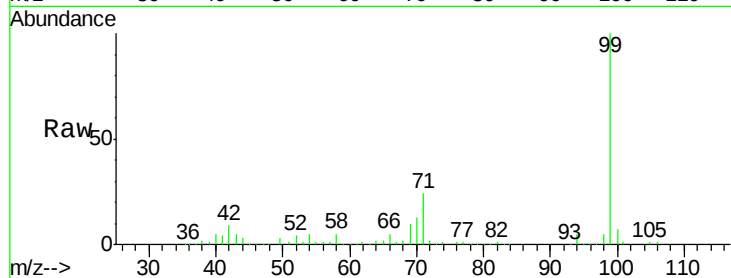
Tot Ion: 99 Resp: 349310

Ion Ratio Lower Upper

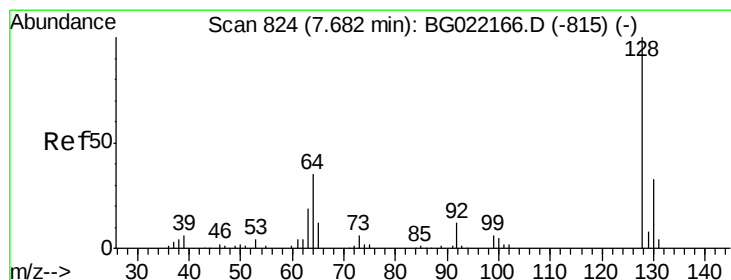
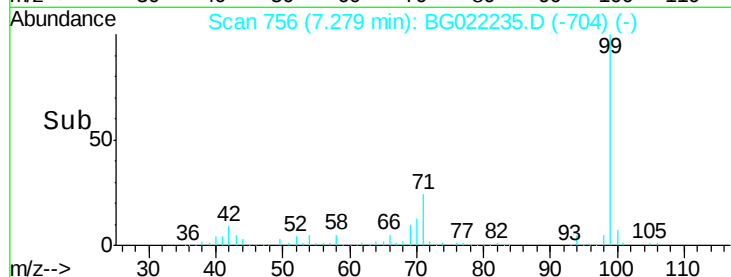
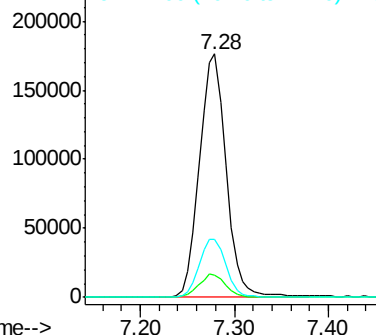
99 100

42 9.3 16.4 24.6#

71 23.9 25.0 37.4#



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: 54.62 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

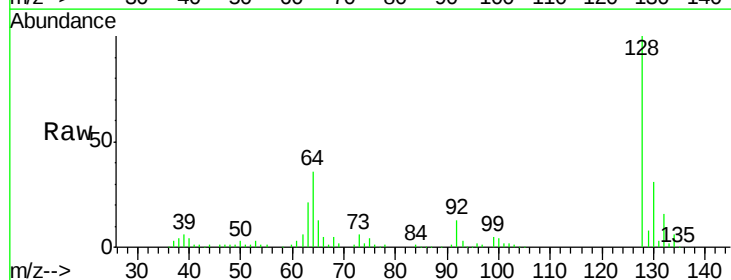
Tgt Ion: 128 Resp: 100222

Ion Ratio Lower Upper

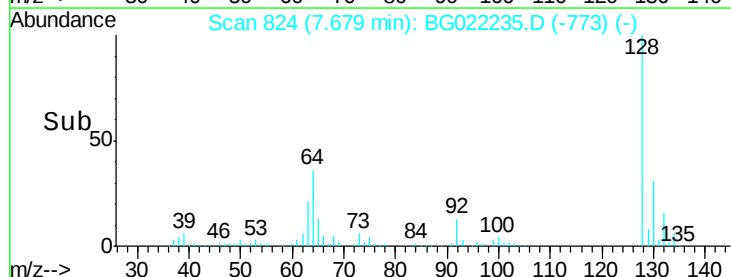
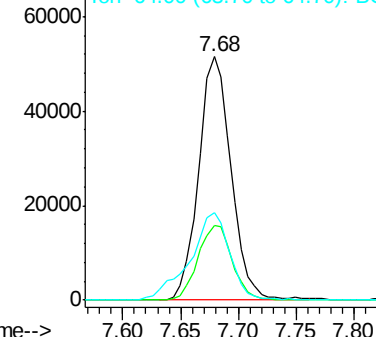
128 100

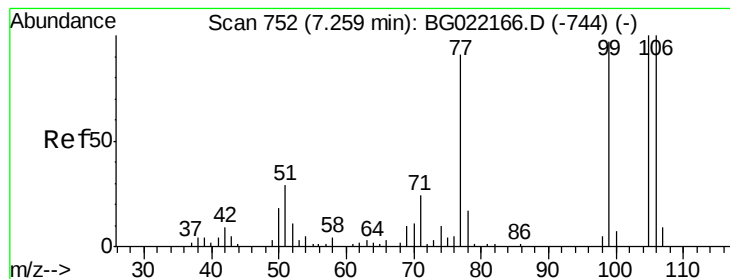
130 30.8 11.2 51.2

64 35.8 39.8 79.8#



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: 3.94 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

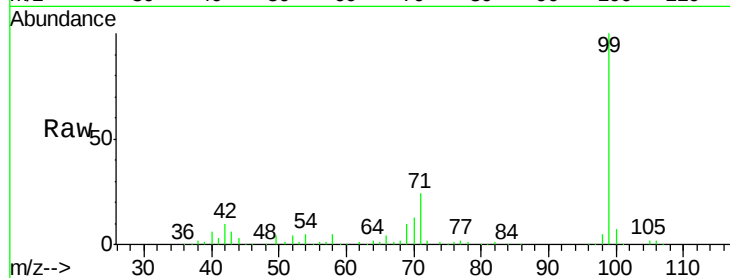
Tot Ion: 77 Resp: 4531

Ion Ratio Lower Upper

77 100

105 102.2 62.1 102.1#

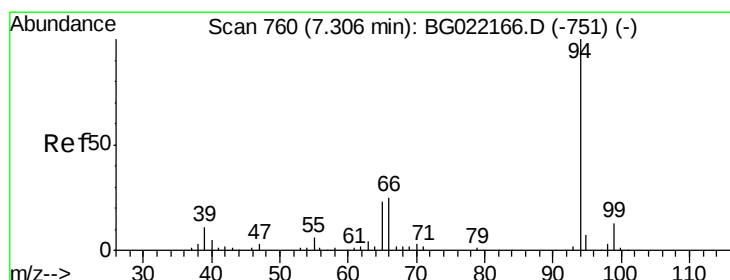
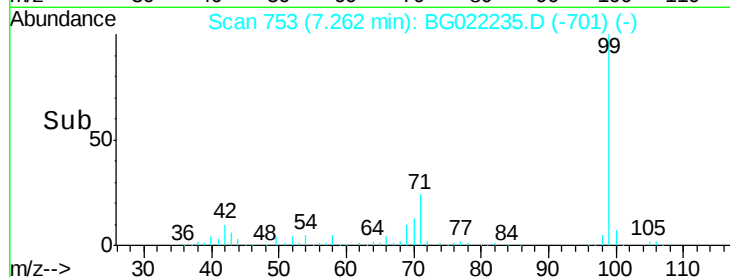
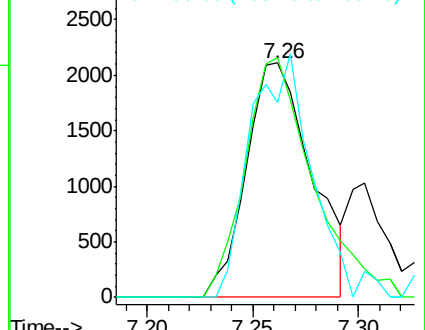
106 83.1 65.6 105.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 57.80 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

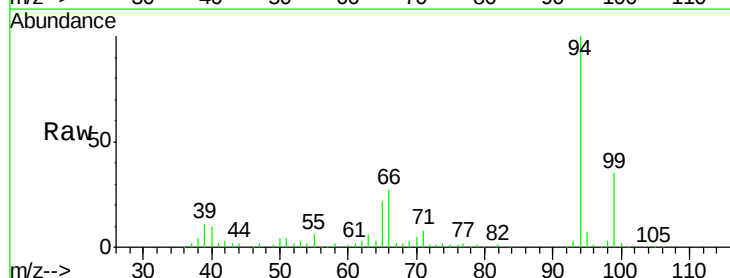
Tgt Ion: 94 Resp: 124386

Ion Ratio Lower Upper

94 100

65 22.4 9.8 49.8

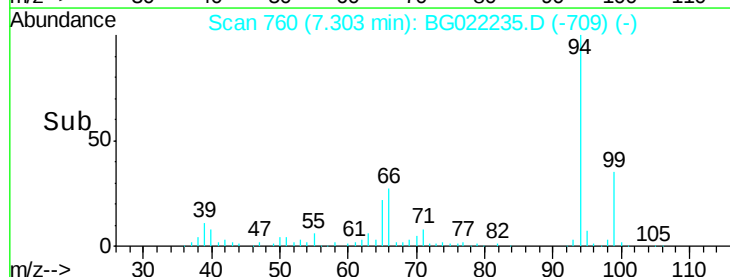
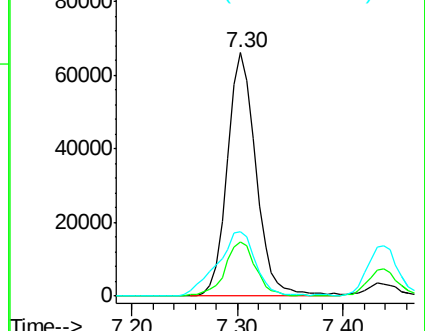
66 26.6 20.8 60.8

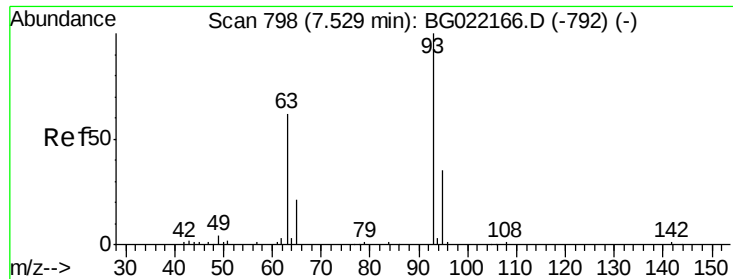


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

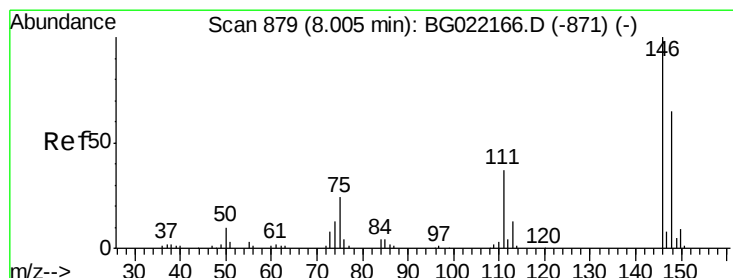
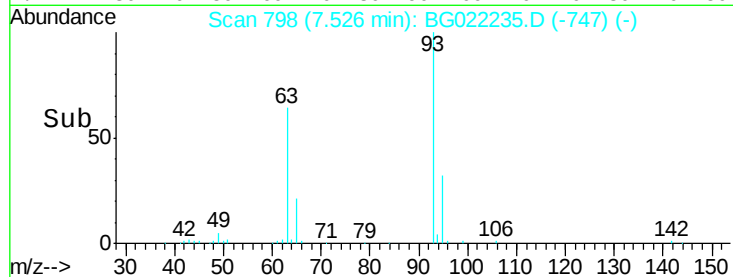
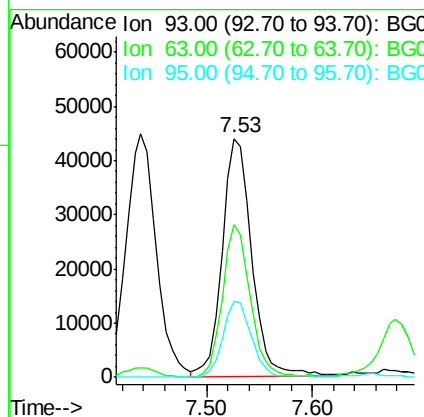
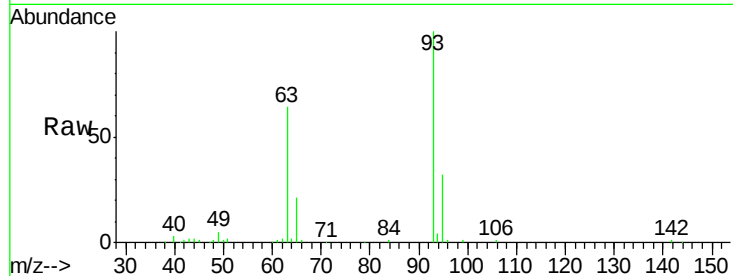




#11
 bis(2-Chloroethyl)ether
 Concen: 50.12 ng
 RT: 7.53 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

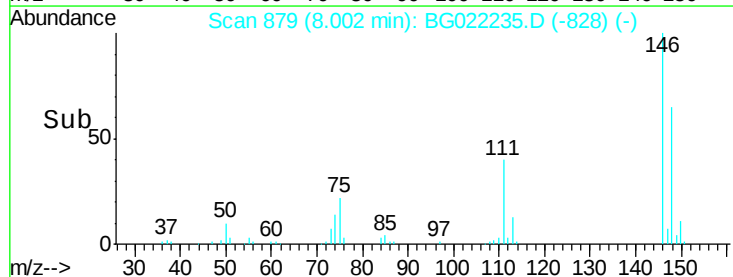
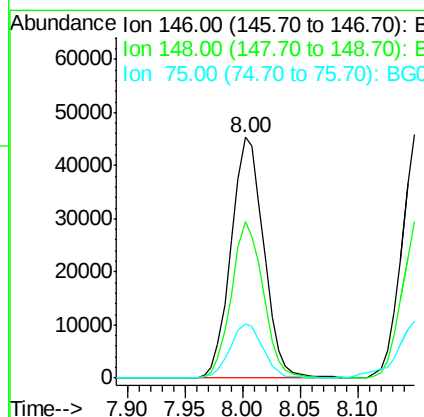
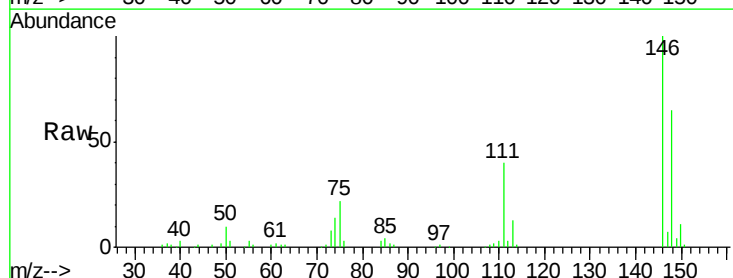
Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

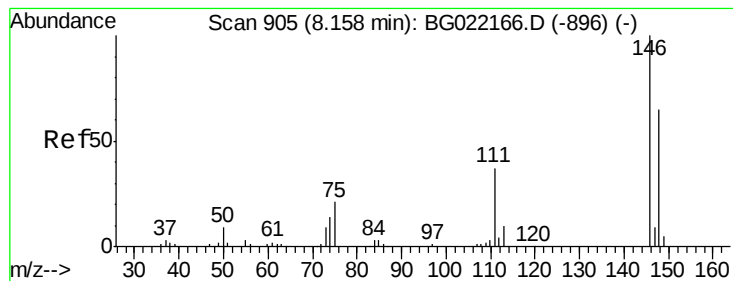
Tot Ion: 93 Resp: 85985
 Ion Ratio Lower Upper
 93 100
 63 64.3 74.9 114.9#
 95 31.6 8.3 48.3



#12
 1,3-Dichlorobenzene
 Concen: 45.26 ng
 RT: 8.00 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion: 146 Resp: 89020
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.7 80.5
 75 22.3 27.4 41.0#





#13

1,4-Dichlorobenzene

Concen: 46.33 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

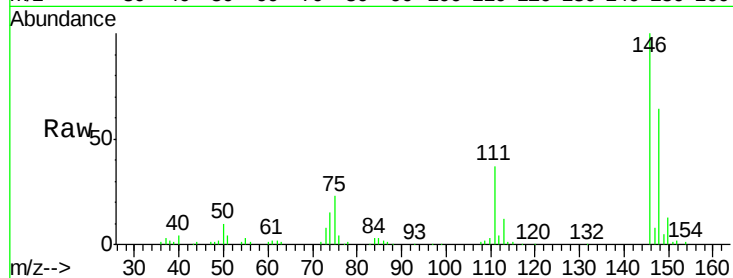
Tot Ion:146 Resp: 90790

Ion Ratio Lower Upper

146 100

148 64.4 46.7 70.1

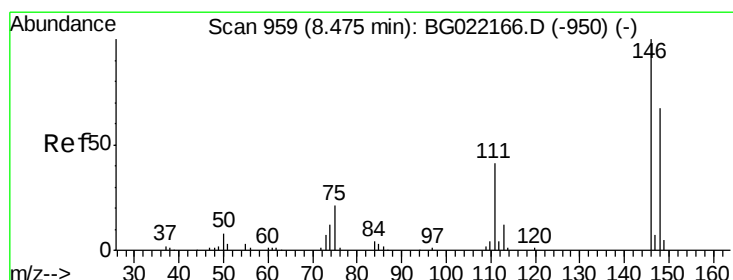
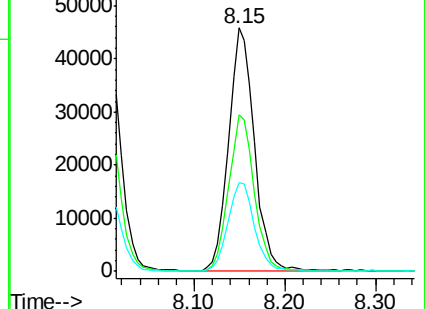
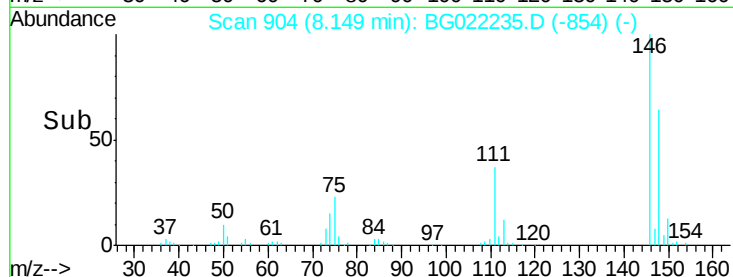
111 36.6 33.0 49.6



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: 45.91 ng

RT: 8.47 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

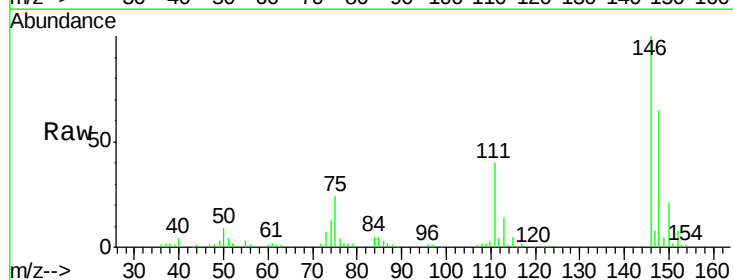
Tgt Ion:146 Resp: 90678

Ion Ratio Lower Upper

146 100

148 65.1 52.6 79.0

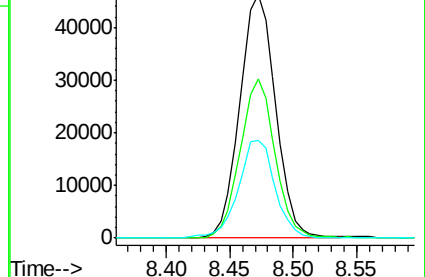
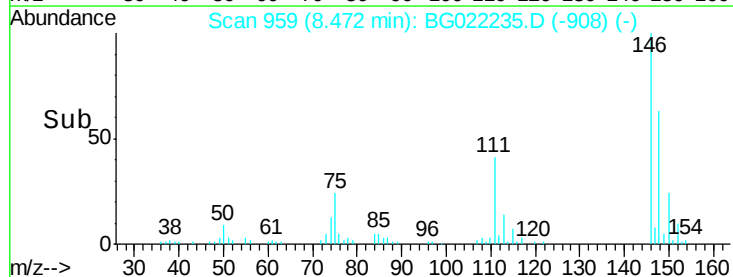
111 40.3 36.1 54.1

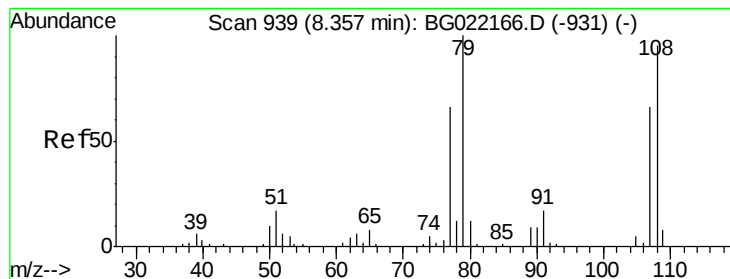


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.95 ng

RT: 8.35 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

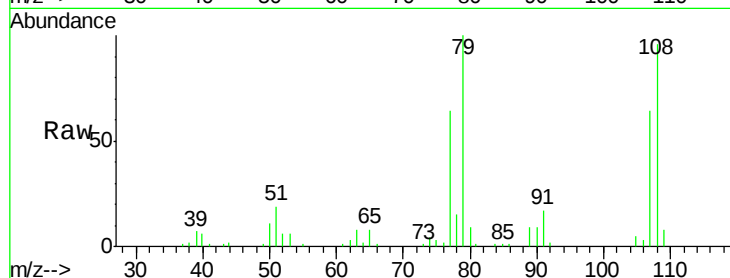
Tot Ion: 79 Resp: 66002

Ion Ratio Lower Upper

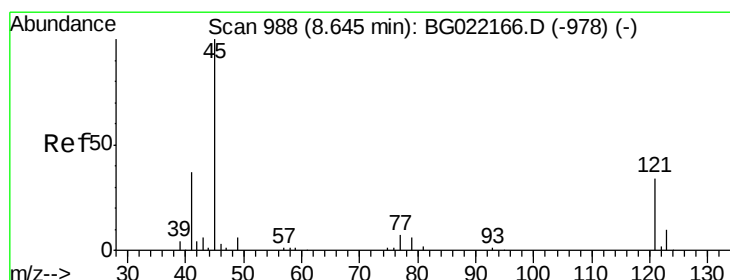
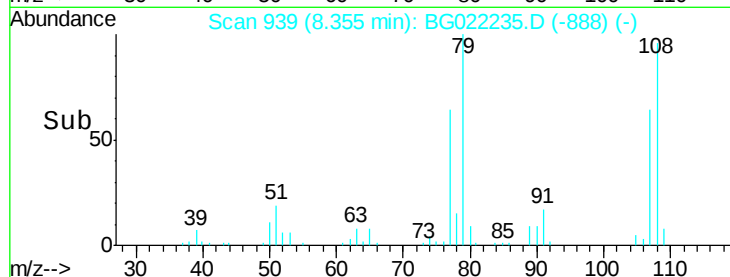
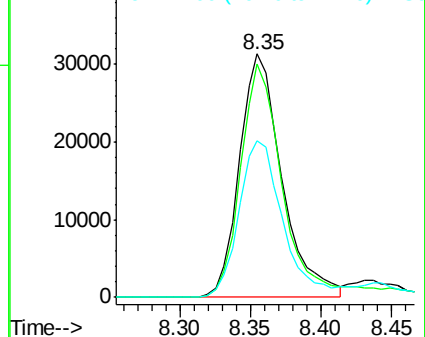
79 100

108 95.8 59.4 89.0#

77 64.2 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.18 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

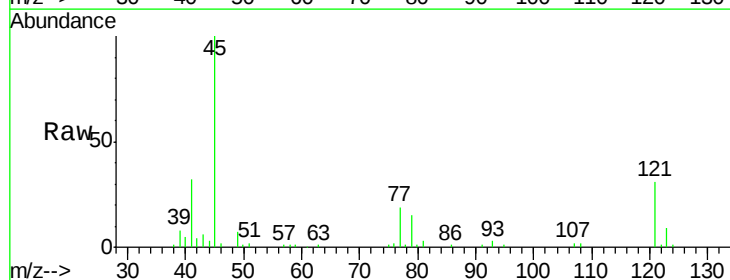
Tgt Ion: 45 Resp: 83985

Ion Ratio Lower Upper

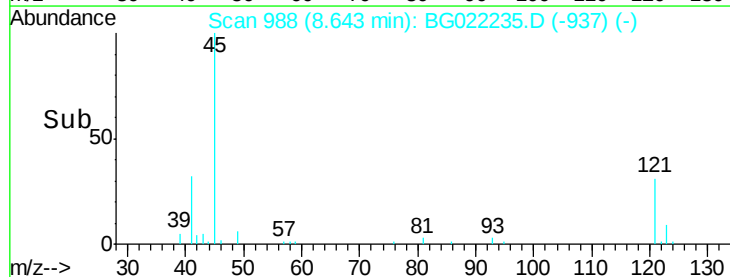
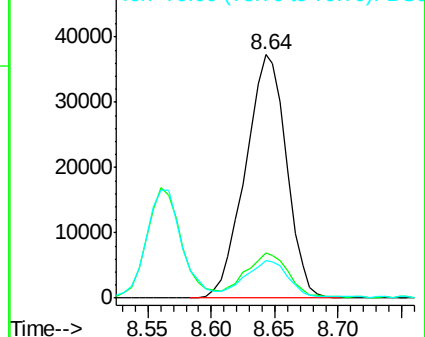
45 100

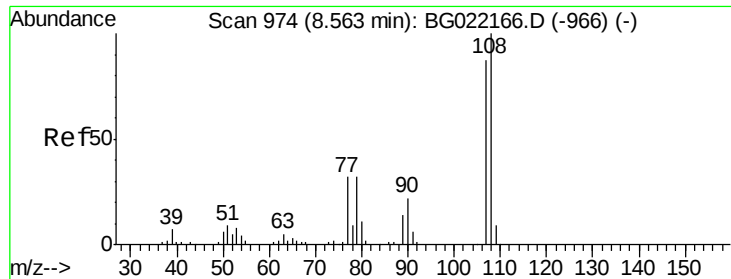
77 18.7 0.0 31.2

79 15.4 0.0 29.0



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

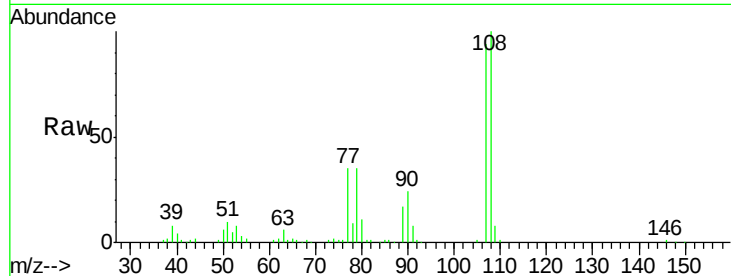




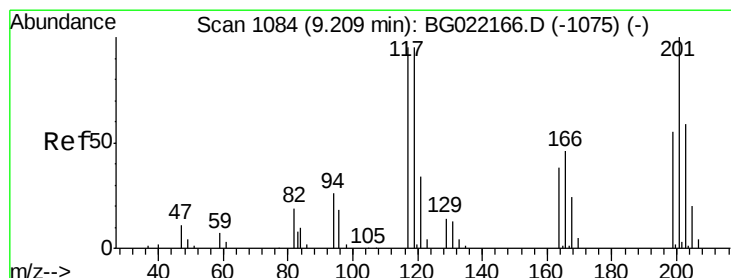
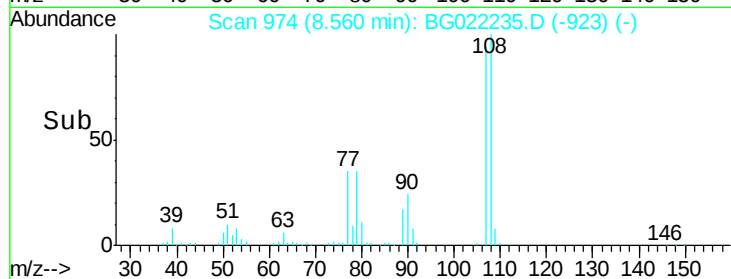
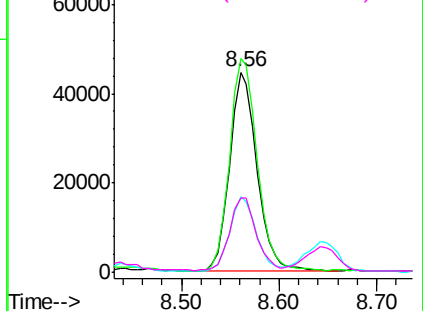
#17
2-Methylphenol
Concen: 53.69 ng
RT: 8.56 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :
SB-16MSD

Tot Ion:107 Resp: 86212
Ion Ratio Lower Upper
107 100
108 106.9 80.2 120.4
77 37.8 40.7 61.1#
79 37.1 39.8 59.8#

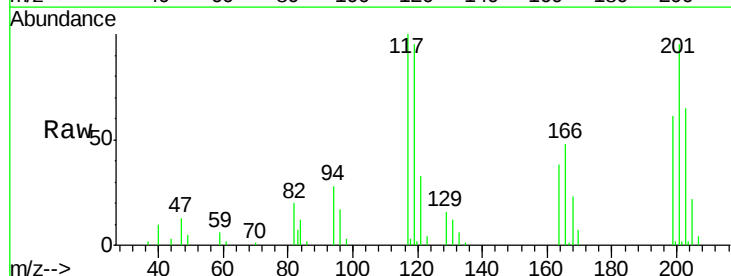


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

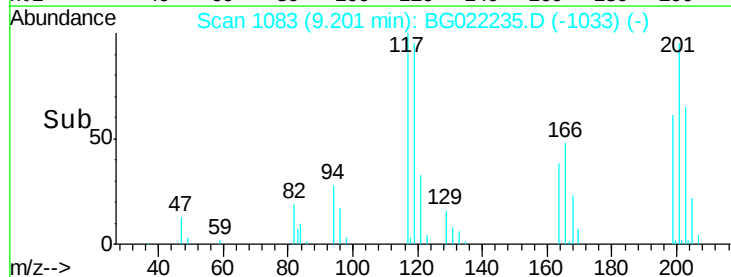
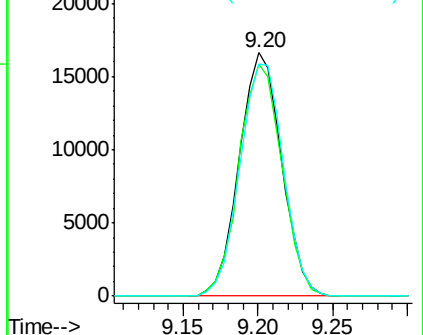


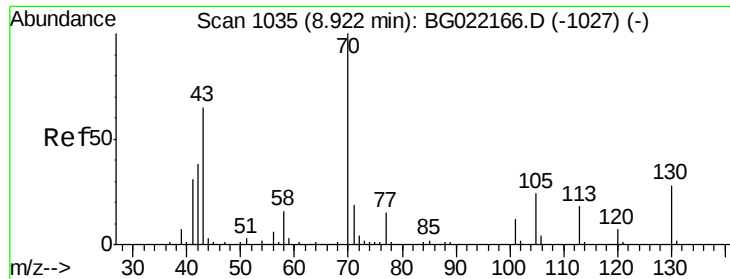
#18
Hexachloroethane
Concen: 45.65 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:117 Resp: 32667
Ion Ratio Lower Upper
117 100
119 95.1 63.9 95.9
201 97.3 61.2 91.8#



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

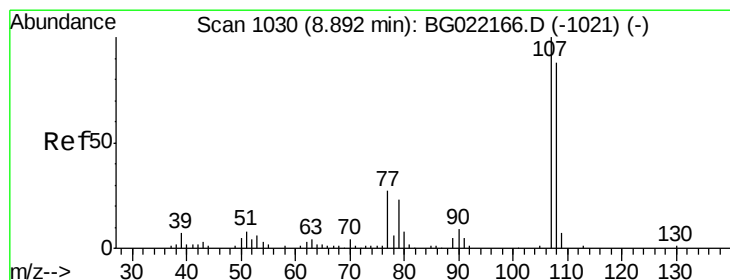
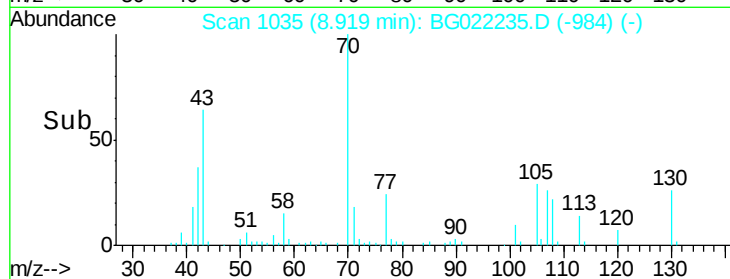
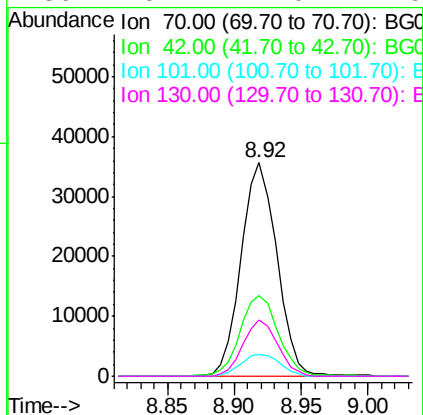
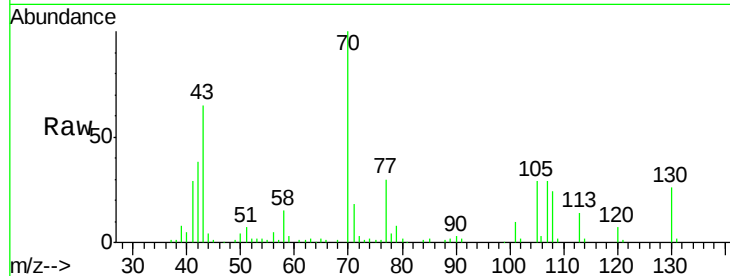




#19
n-Nitroso-di-n-propylamine
Concen: 46.86 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

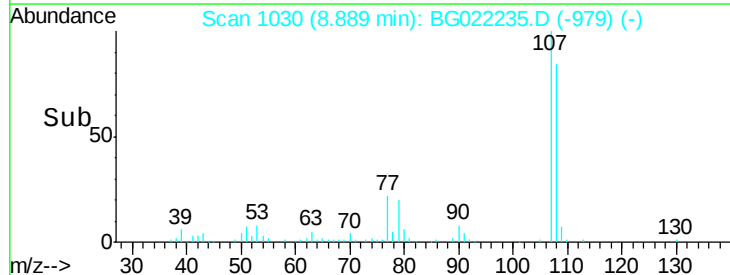
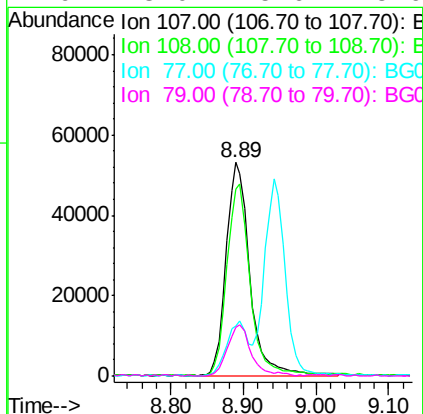
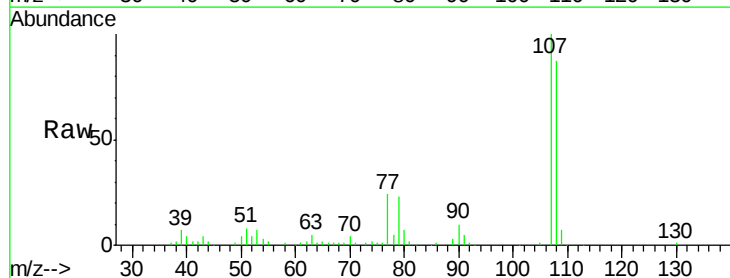
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

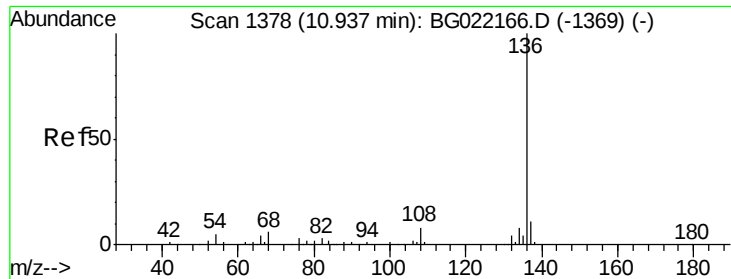
Tot Ion: 70 Resp: 66211
Ion Ratio Lower Upper
70 100
42 37.8 56.7 85.1#
101 10.3 8.2 12.4
130 26.4 14.0 21.0#



#20
3+4-Methylphenols
Concen: 52.96 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion: 107 Resp: 121989
Ion Ratio Lower Upper
107 100
108 87.3 66.2 106.2
77 23.7 11.5 51.5
79 23.0 5.6 45.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

Tot Ion:136 Resp: 131504

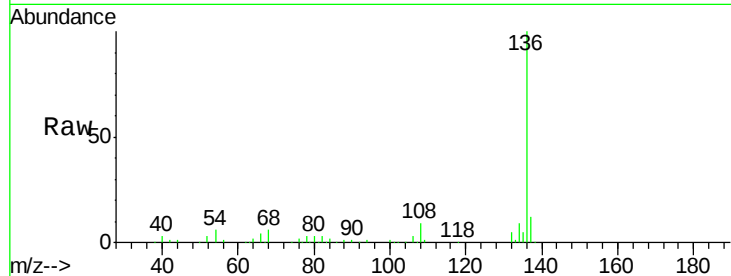
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 5.8 9.6 14.4#

68 5.7 6.4 9.6#

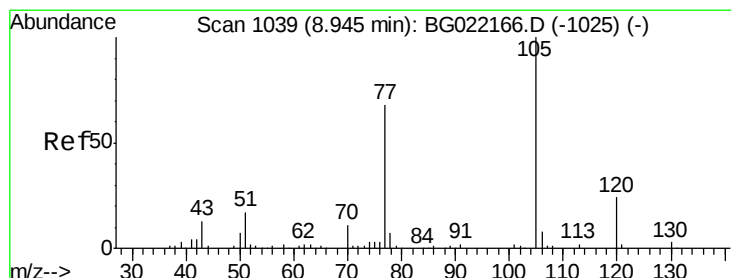
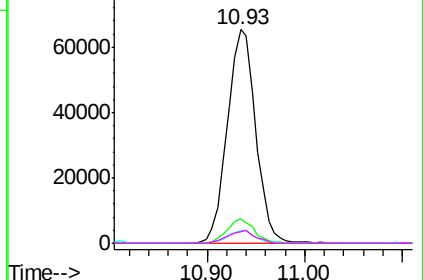
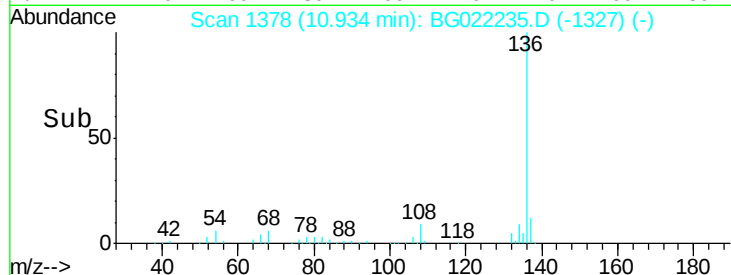


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.16 ng

RT: 8.94 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Tgt Ion:105 Resp: 136472

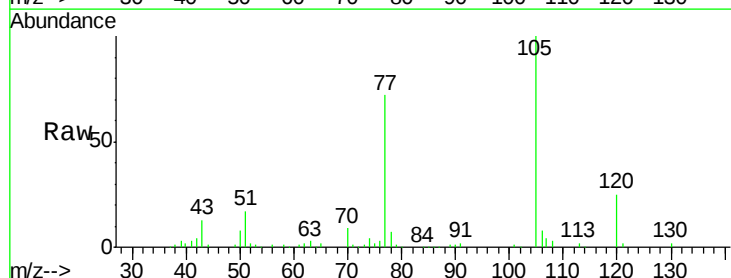
Ion Ratio Lower Upper

105 100

71 1.5 0.0 0.0#

51 17.4 25.7 38.5#

120 24.9 17.0 25.6

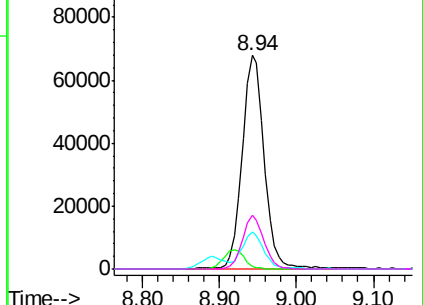
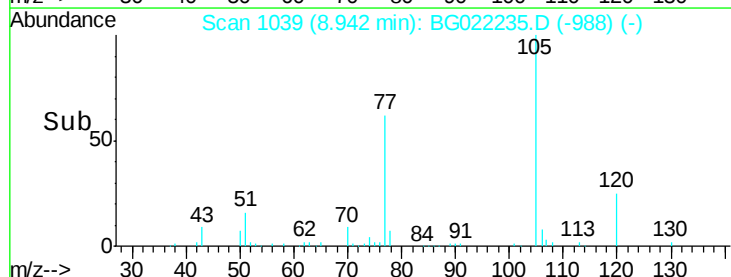


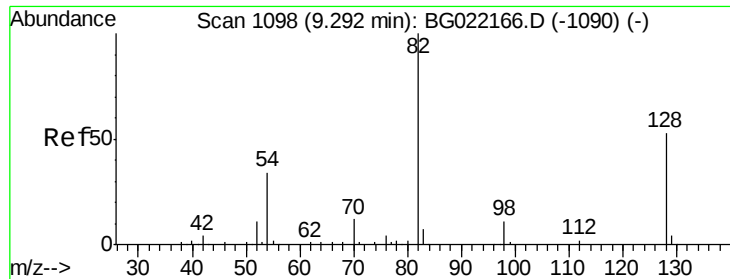
Abundance Ion 105.00 (104.70 to 105.70): E

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

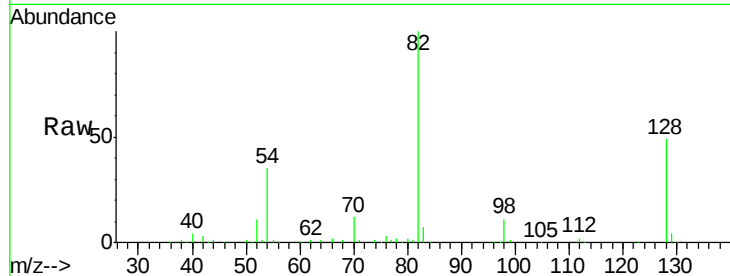




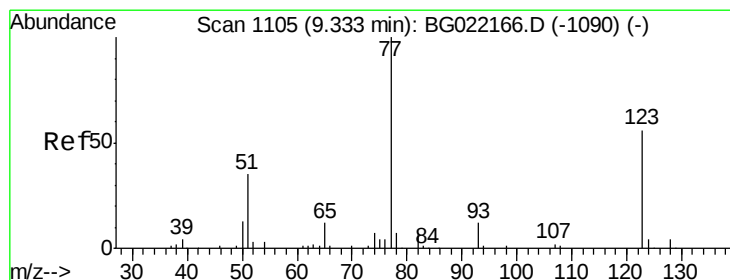
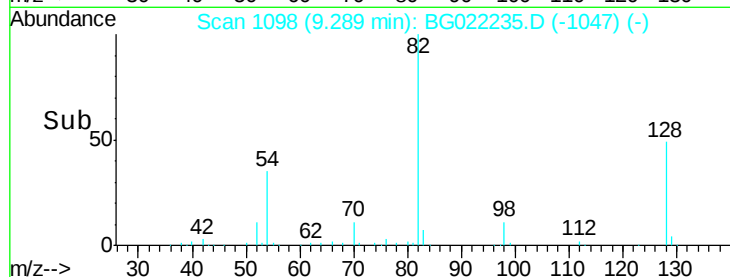
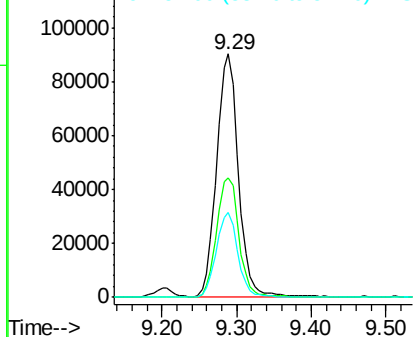
#23
Nitrobenzene-d5
Concen: 97.57 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :
SB-16MSD

Tot Ion: 82 Resp: 184040
Ion Ratio Lower Upper
82 100
128 49.2 33.4 50.0
54 34.7 46.1 69.1#

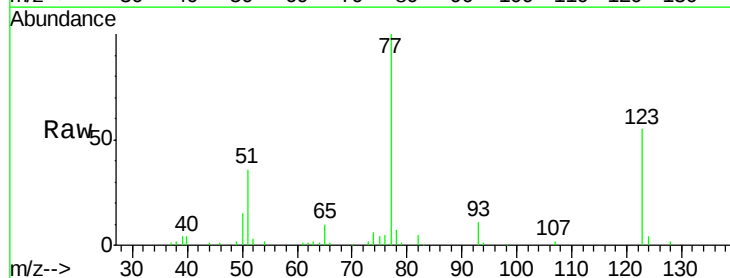


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

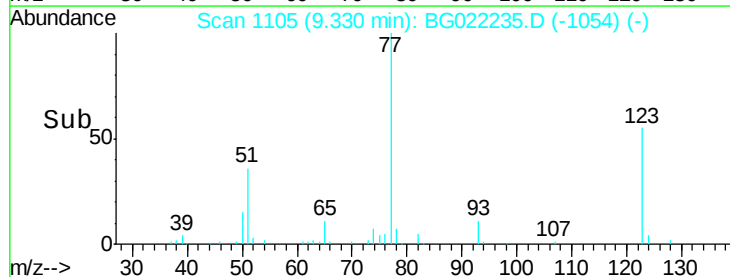
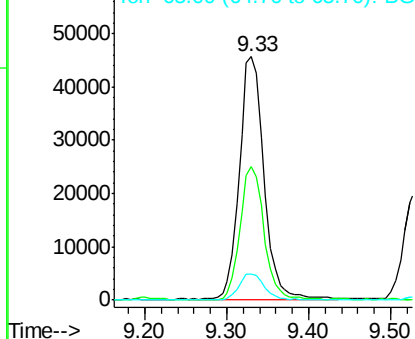


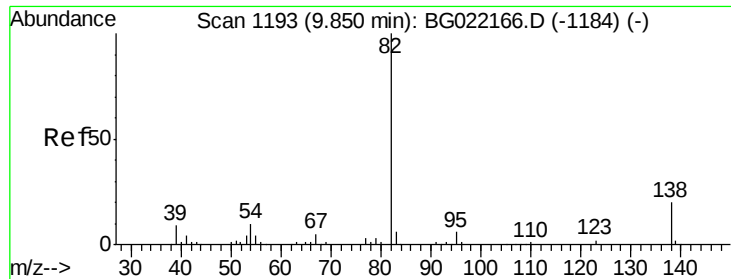
#24
Nitrobenzene
Concen: 51.13 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion: 77 Resp: 96974
Ion Ratio Lower Upper
77 100
123 54.6 32.2 48.4#
65 10.5 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 46.57 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

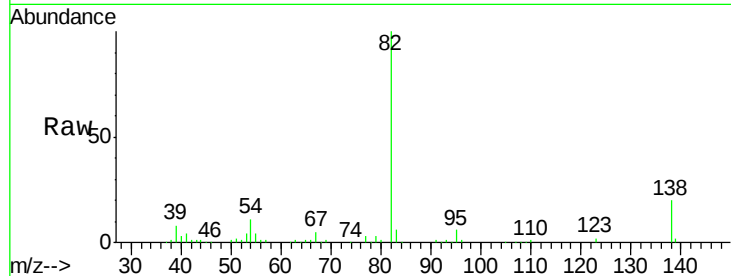
Tot Ion: 82 Resp: 205523

Ion Ratio Lower Upper

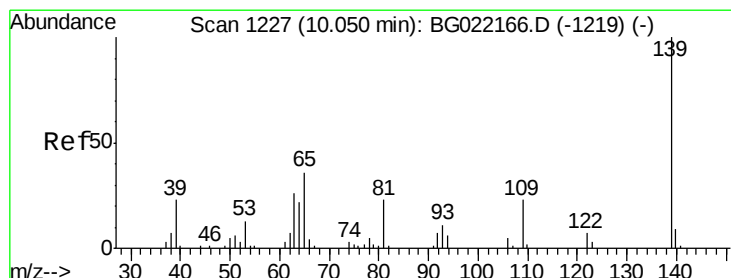
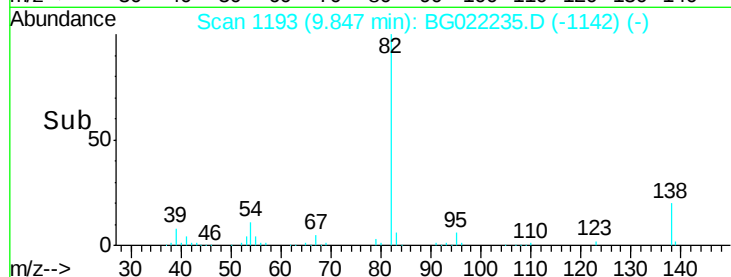
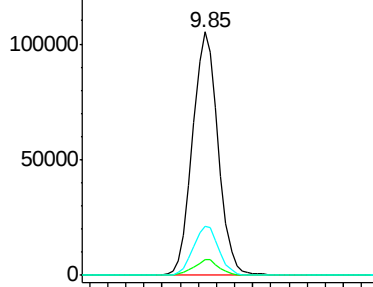
82 100

95 6.2 6.0 9.0

138 20.1 13.4 20.0#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.70 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

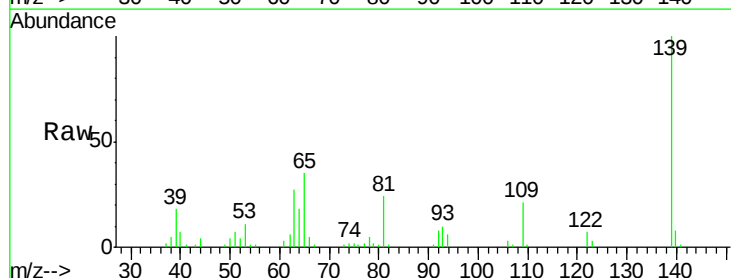
Tgt Ion: 139 Resp: 51116

Ion Ratio Lower Upper

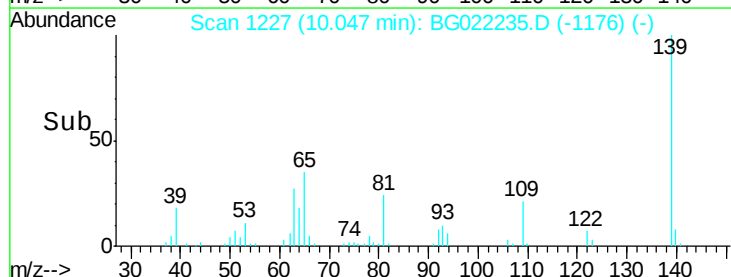
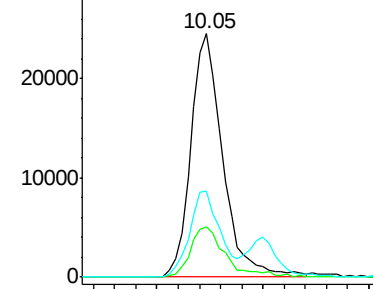
139 100

109 20.6 26.6 40.0#

65 35.4 45.3 67.9#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

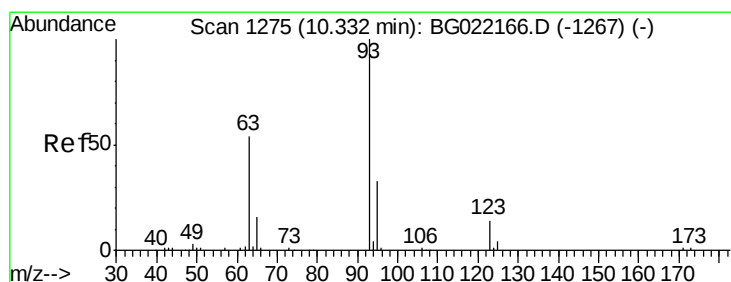
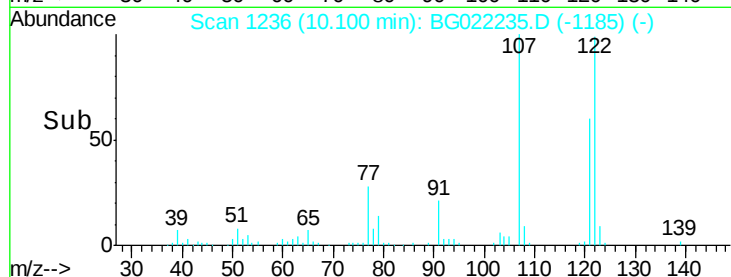
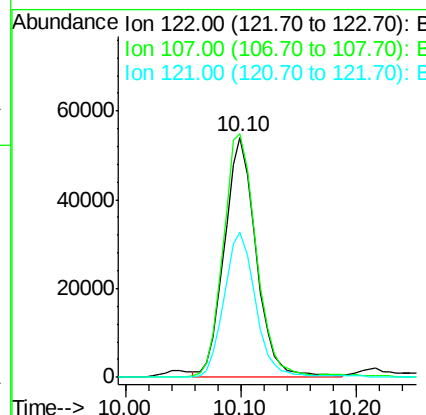
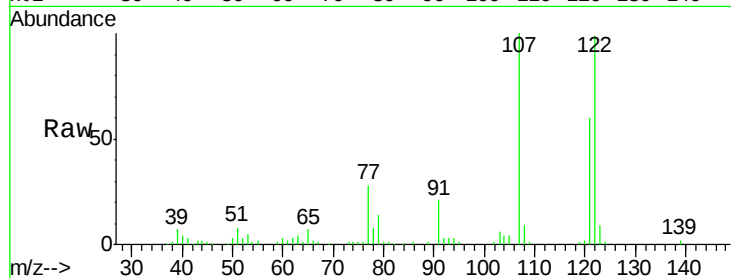




#27
2,4-Dimethylphenol
Concen: 54.94 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

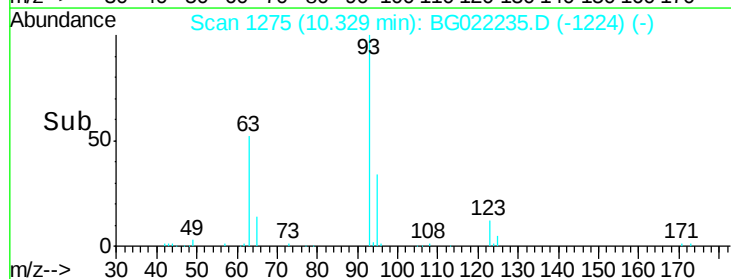
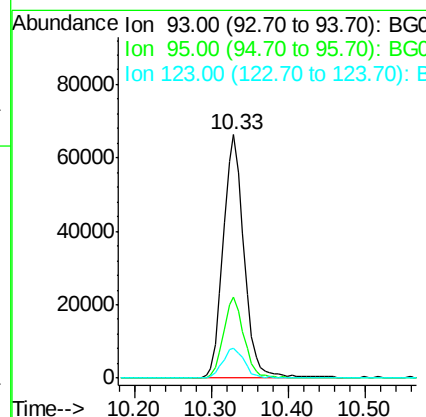
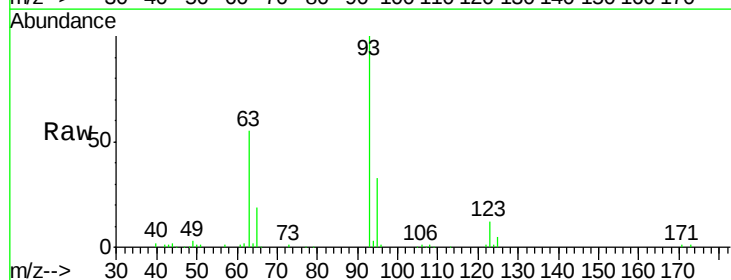
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

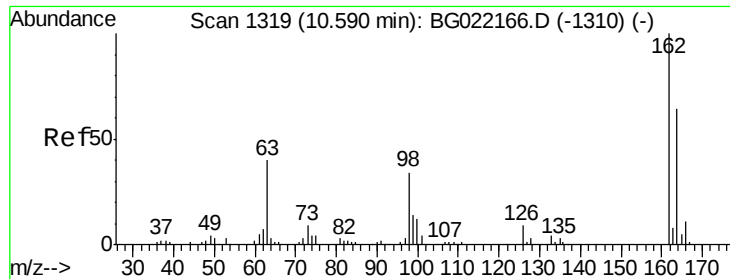
Tot Ion:122 Resp: 102287
Ion Ratio Lower Upper
122 100
107 101.3 97.2 145.8
121 60.4 49.0 73.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.35 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion: 93 Resp: 124771
Ion Ratio Lower Upper
93 100
95 33.1 30.1 45.1
123 12.1 10.2 15.4

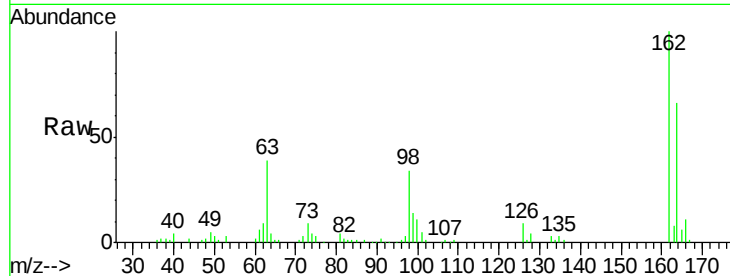




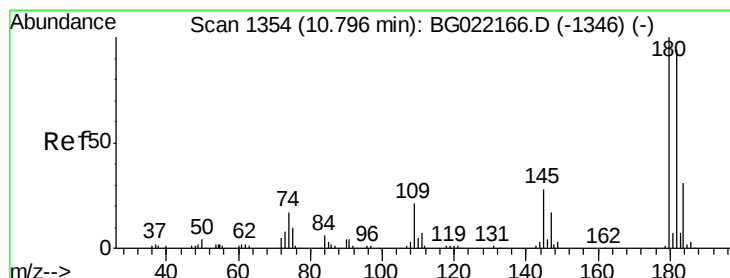
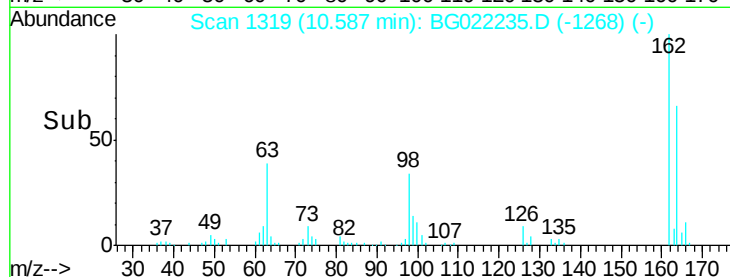
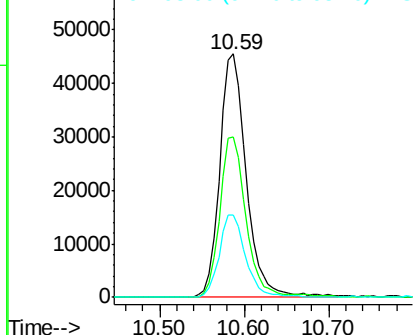
#29
 2,4-Dichlorophenol
 Concen: 57.54 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.9	84.9
98	34.1	19.2	59.2

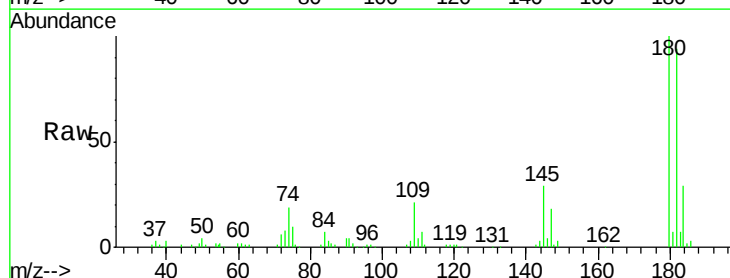


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

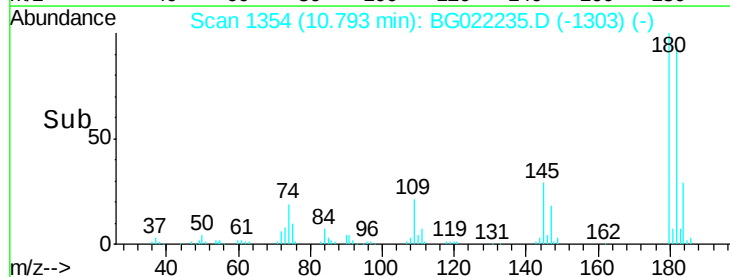
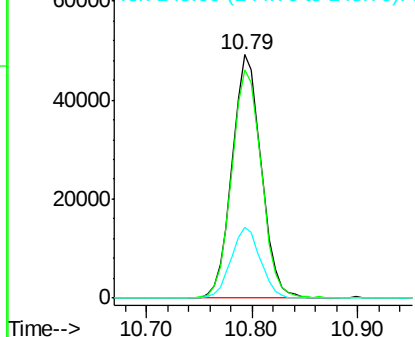


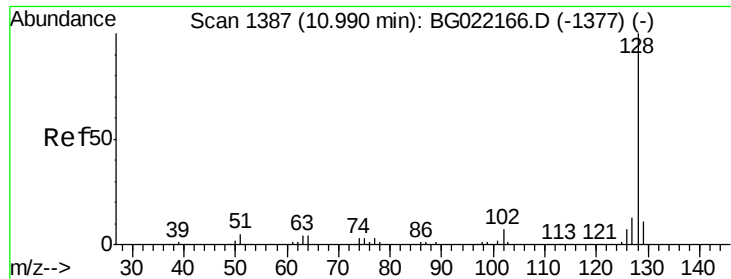
#30
 1,2,4-Trichlorobenzene
 Concen: 48.42 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	82.3	123.5
145	29.3	24.4	36.6



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

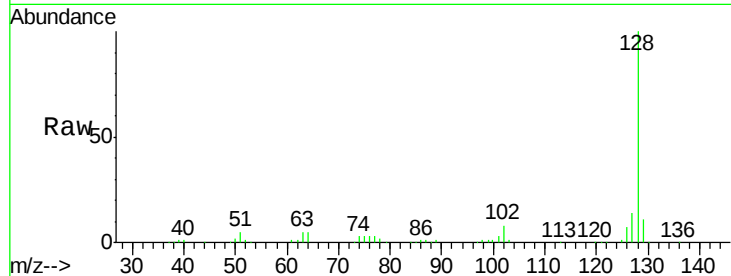




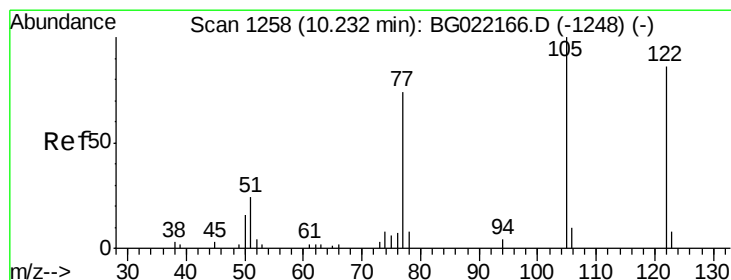
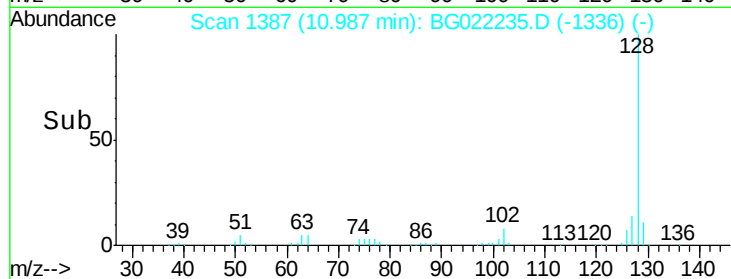
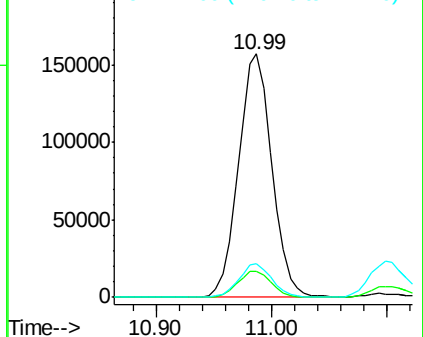
#31
Naphthalene
Concen: 47.91 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :
SB-16MSD

Tot Ion:128 Resp: 314461
Ion Ratio Lower Upper
128 100
129 10.9 7.0 10.6#
127 13.8 10.1 15.1

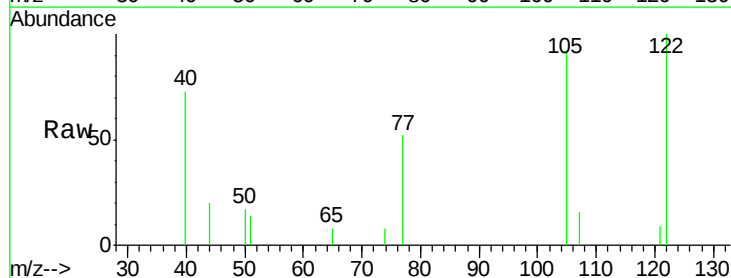


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

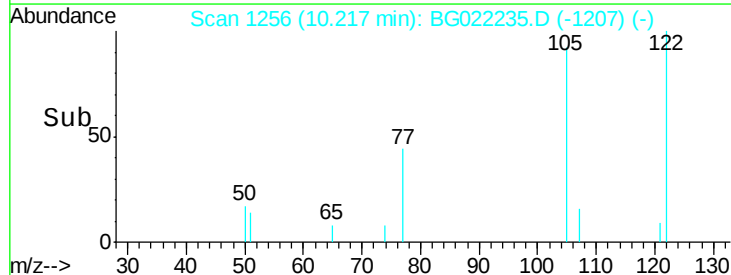
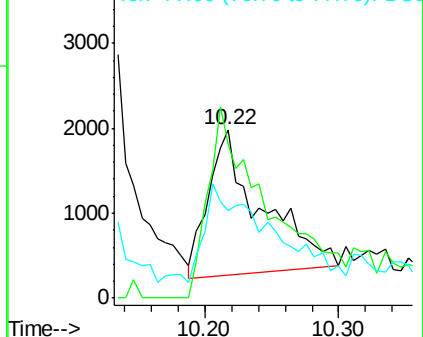


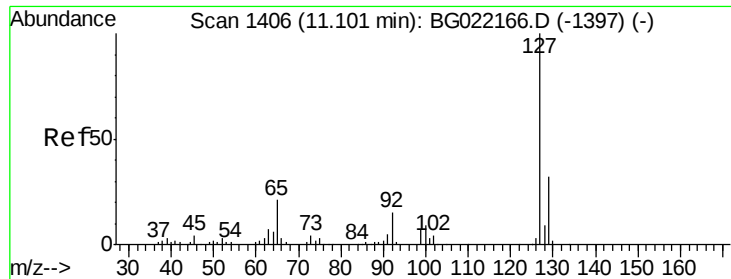
#32
Benzoic acid
Concen: 15.35 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:122 Resp: 4743
Ion Ratio Lower Upper
122 100
105 91.5 104.5 144.5#
77 52.1 79.9 119.9#



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

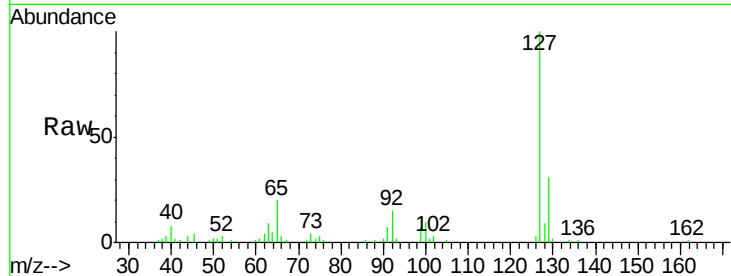




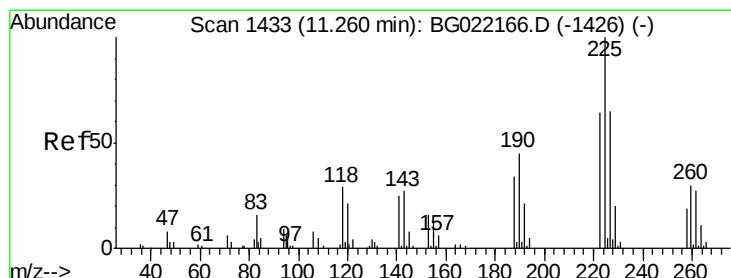
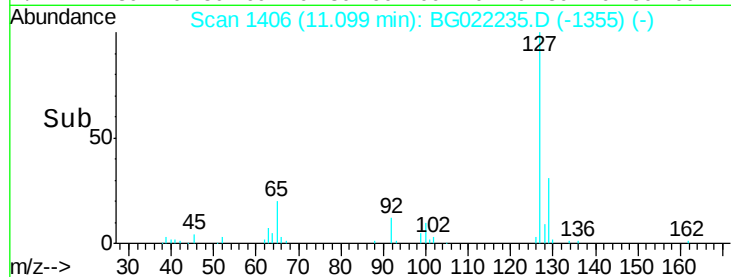
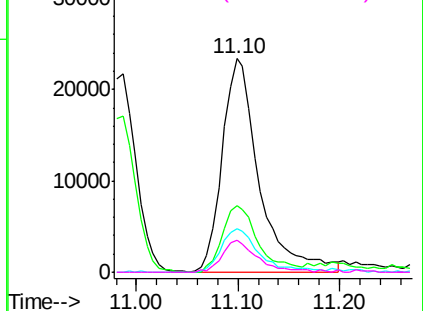
#33
4-Chloroaniline
Concen: 21.67 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :
SB-16MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.6	39.8
65	20.3	27.5	41.3#
92	14.7	14.7	22.1#

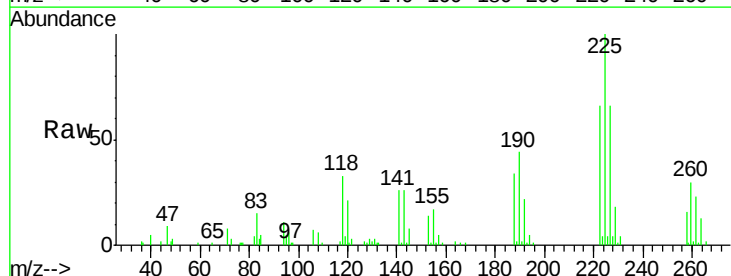


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

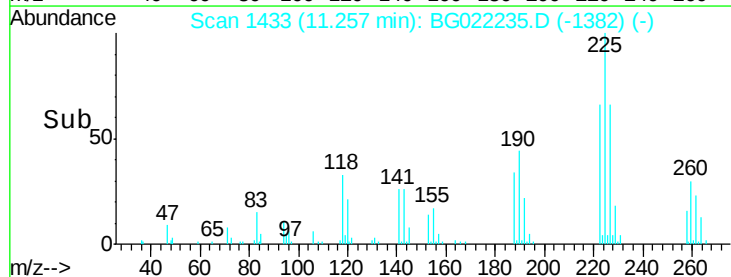
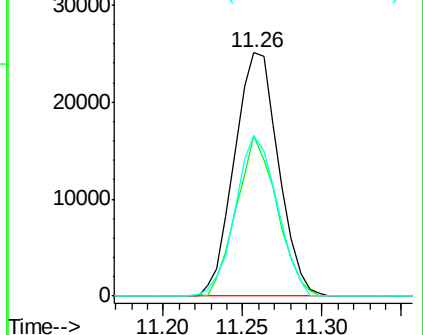


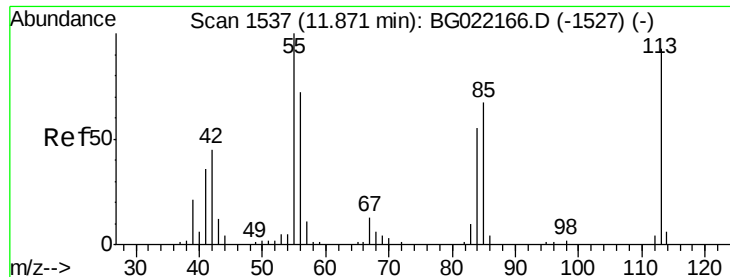
#34
Hexachlorobutadiene
Concen: 46.75 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.8	52.7	79.1
227	69.4	49.7	74.5



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: 46.84 ng/mL

RT: 11.86 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleID :

SB-16MSD

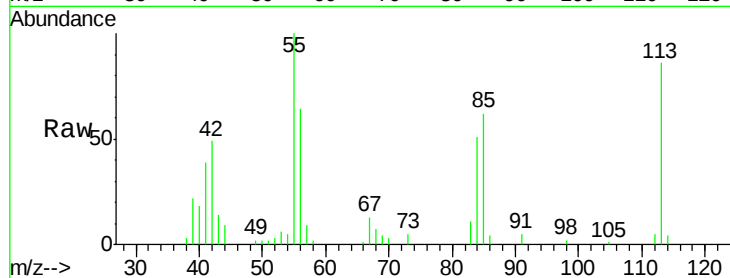
Tot Ion:113 Resp: 44315

Ion Ratio Lower Upper

113 100

55 116.8 194.2 234.2#

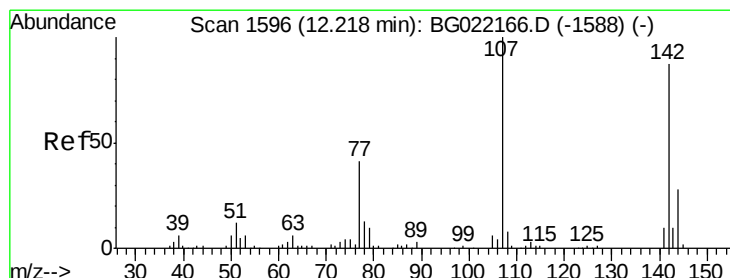
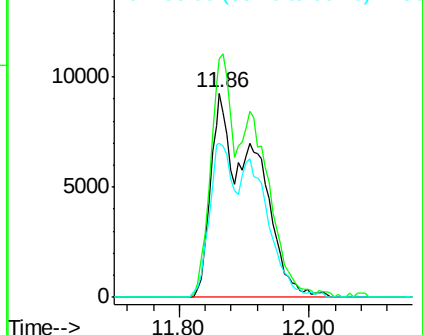
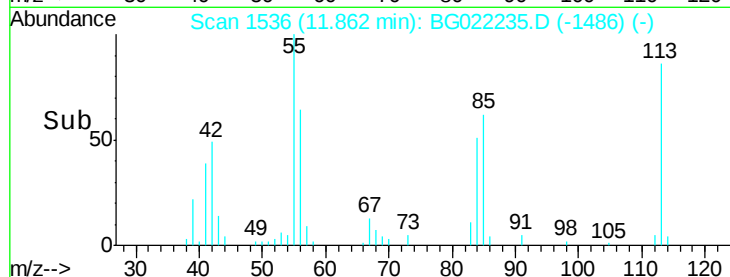
56 75.2 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 55.73 ng/mL

RT: 12.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

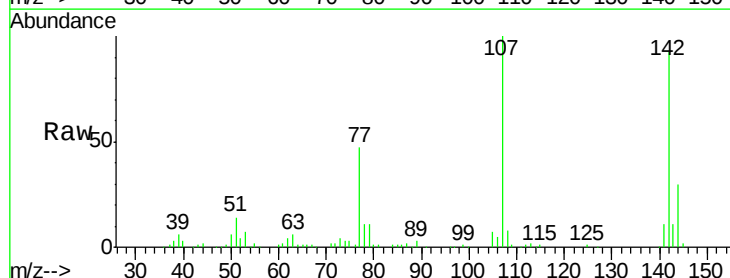
Tgt Ion:107 Resp: 113935

Ion Ratio Lower Upper

107 100

144 30.3 19.2 28.8#

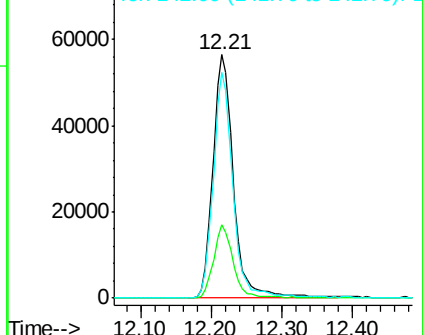
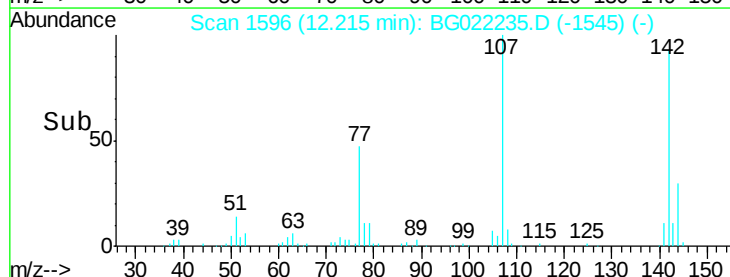
142 92.7 59.1 88.7#

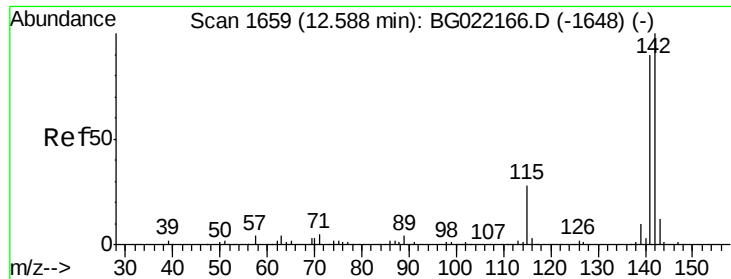


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

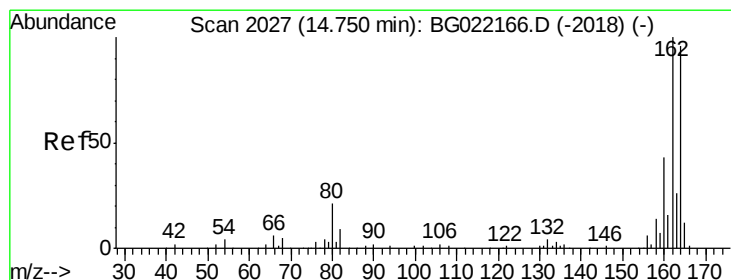
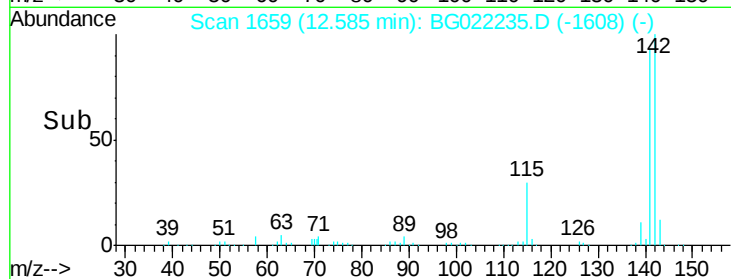
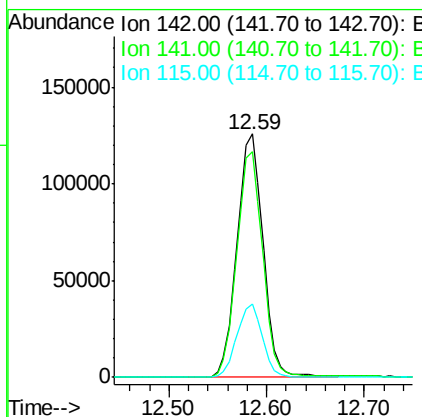
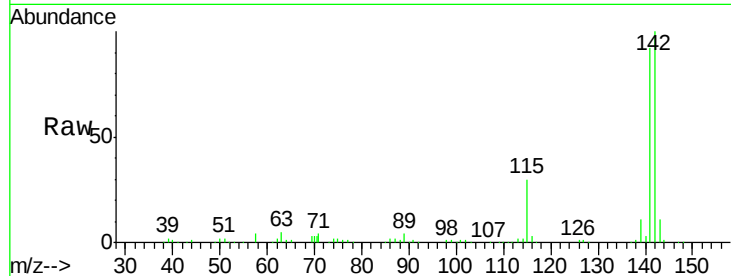




#37
2-Methylnaphthalene
Concen: 48.39 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

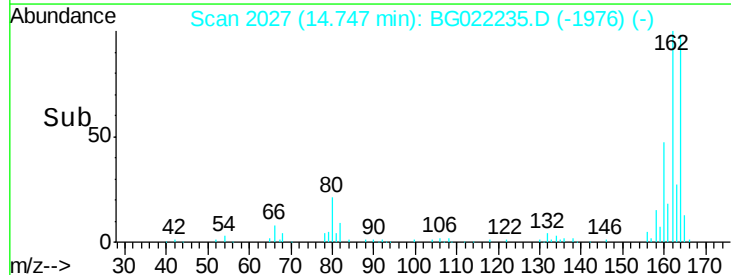
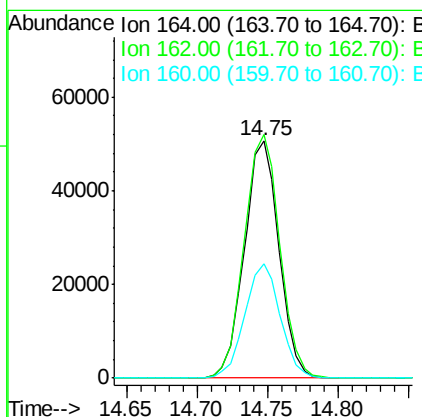
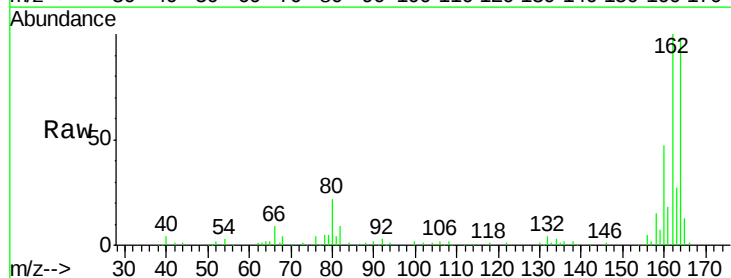
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

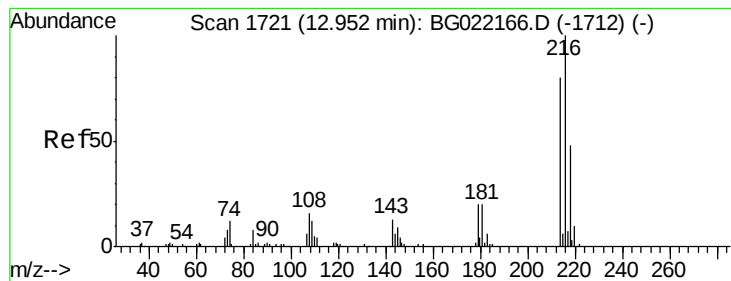
Tot Ion:142 Resp: 234475
Ion Ratio Lower Upper
142 100
141 92.5 71.4 107.0
115 30.1 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:164 Resp: 87065
Ion Ratio Lower Upper
164 100
162 102.4 78.0 117.0
160 48.3 32.9 49.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.64 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

Tot Ion:216 Resp: 104528

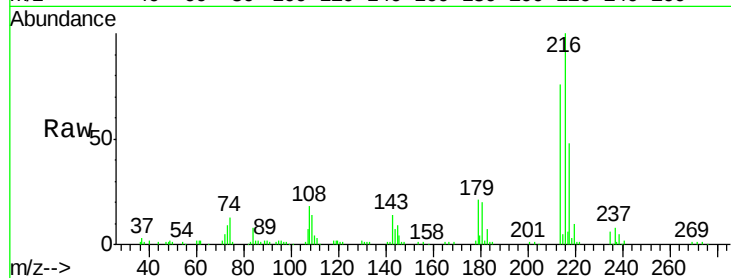
Ion Ratio Lower Upper

216 100

214 79.0 62.2 93.2

179 21.0 16.7 25.1

108 19.6 14.0 21.0

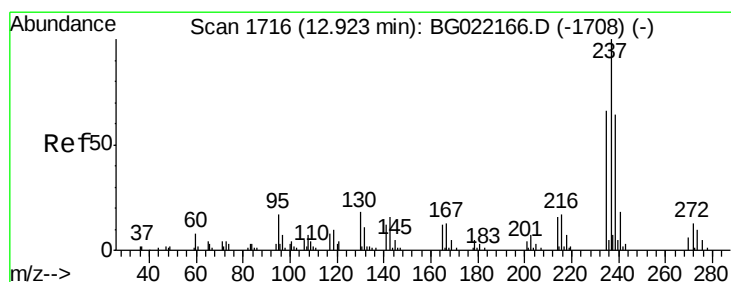
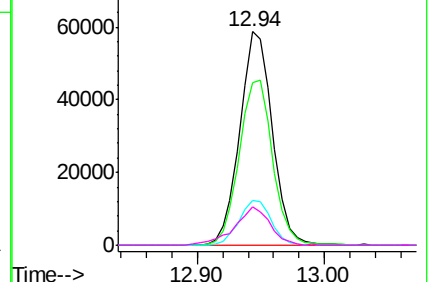
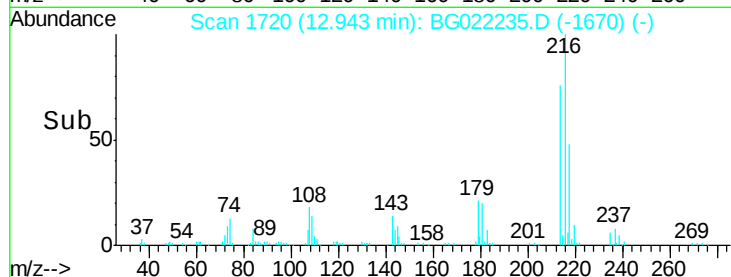


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.02 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

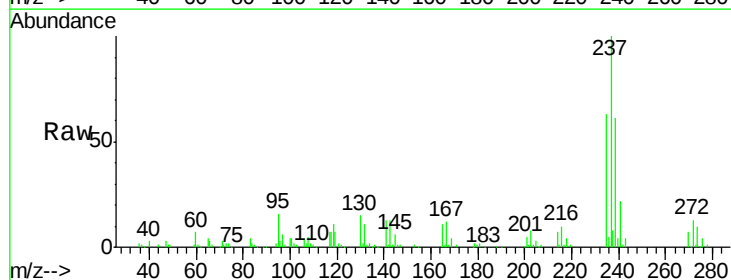
Tgt Ion:237 Resp: 90222

Ion Ratio Lower Upper

237 100

235 63.3 43.2 83.2

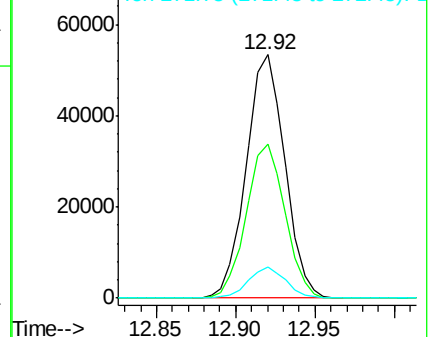
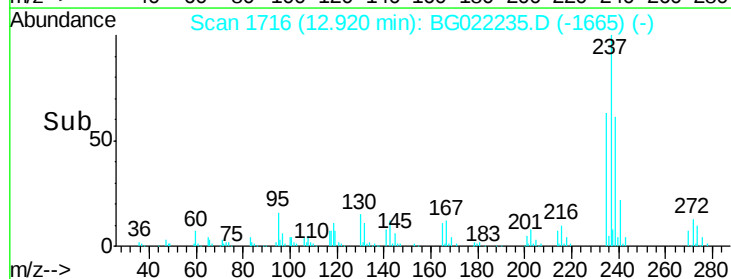
272 12.9 0.0 33.4



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

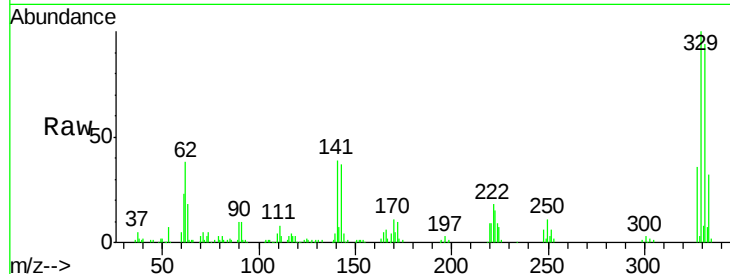




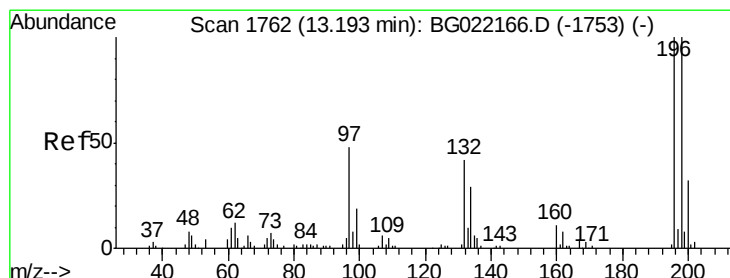
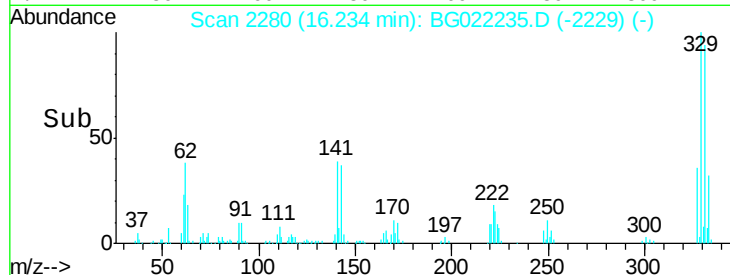
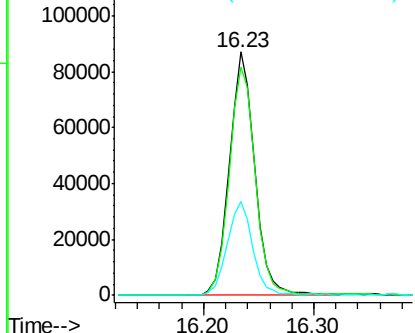
#41
 2,4,6-Tribromophenol
 Concen: 142.77 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

Tot Ion:330 Resp: 140458
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.0 117.0
 141 38.7 33.8 50.8

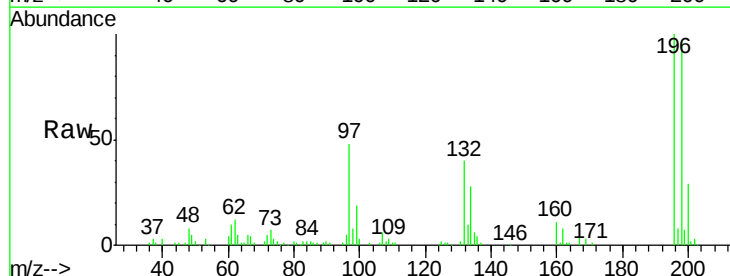


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

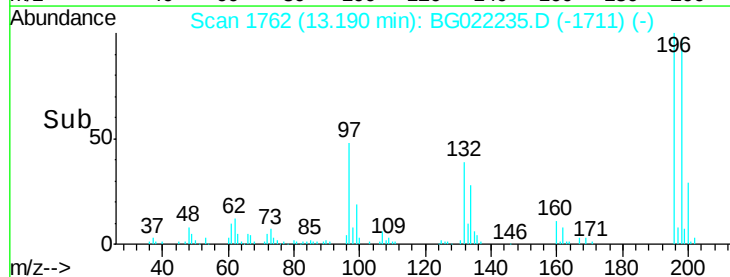
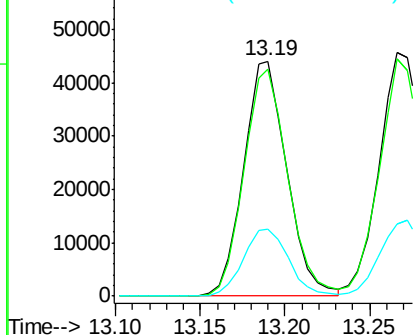


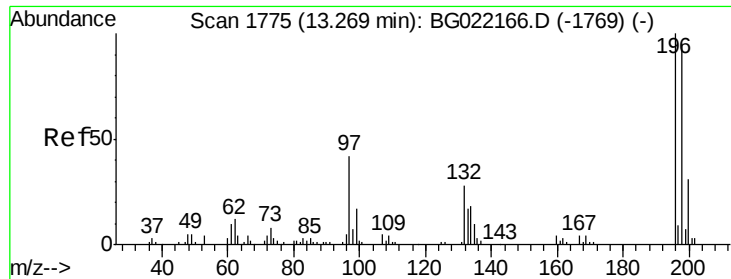
#42
 2,4,6-Trichlorophenol
 Concen: 52.16 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion:196 Resp: 78429
 Ion Ratio Lower Upper
 196 100
 198 96.6 80.1 120.1
 200 28.7 24.1 36.1



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

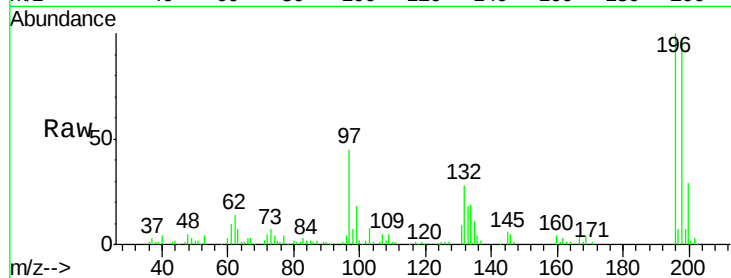




#43
 2,4,5-Trichlorophenol
 Concen: 52.64 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.4	78.0	117.0	
97	45.3	43.0	64.6	
132	28.1	23.0	34.4	



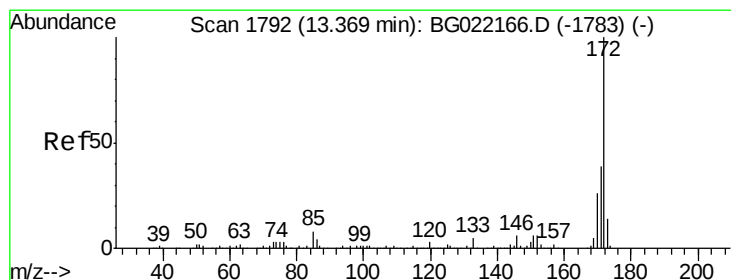
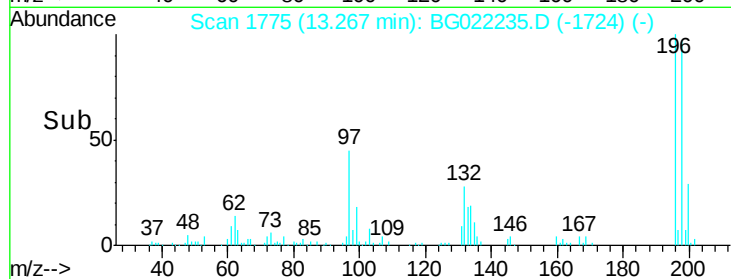
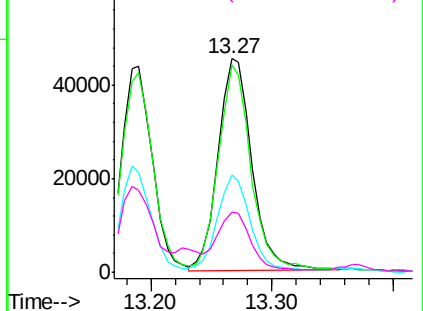
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

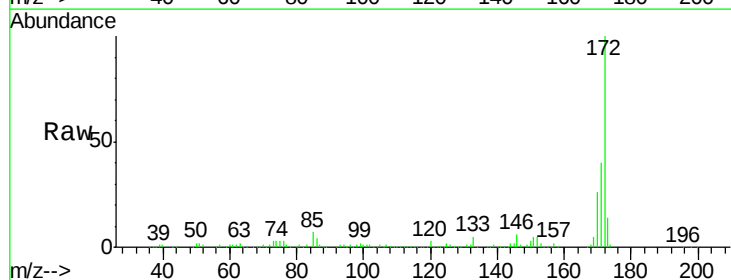
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.25 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.2	27.8	41.6	
170	25.8	19.6	29.4	

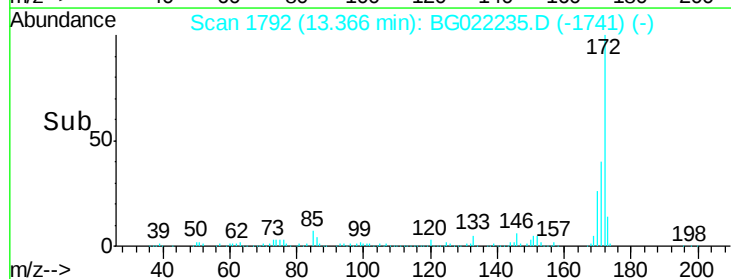
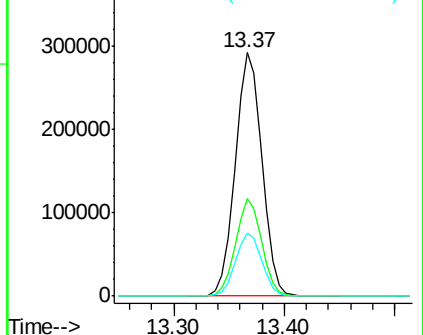


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.93 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

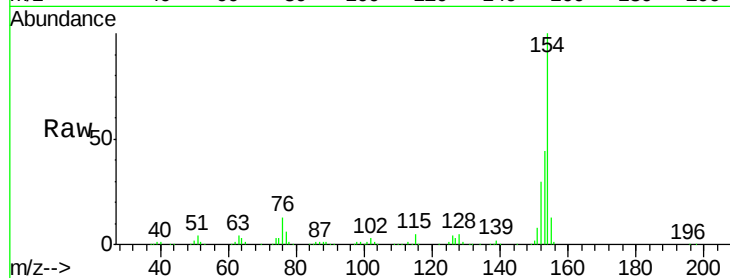
Tot Ion:154 Resp: 314049

Ion Ratio Lower Upper

154 100

153 43.6 19.7 59.7

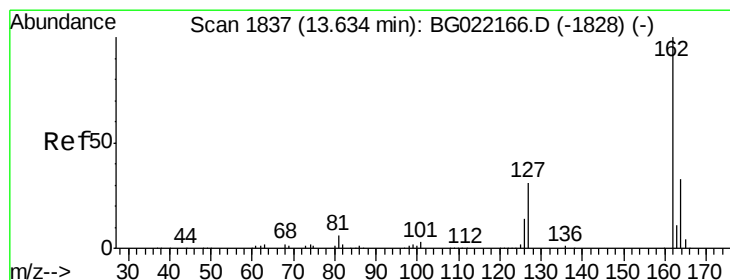
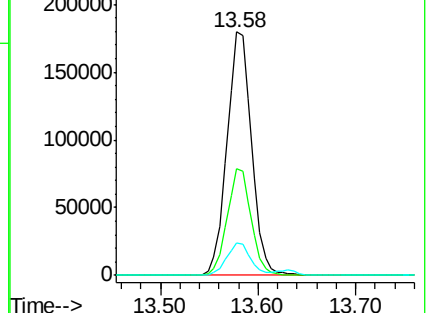
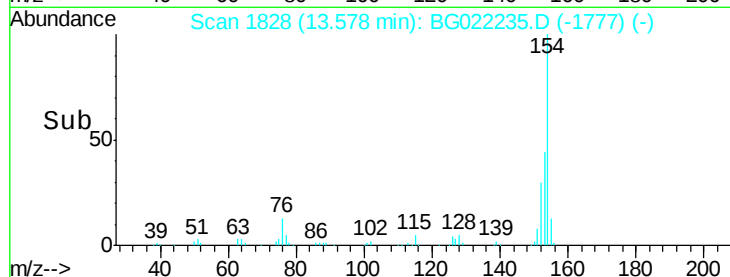
76 13.4 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 49.04 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

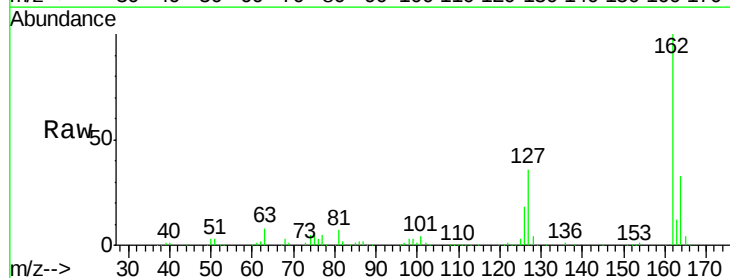
Tgt Ion:162 Resp: 246296

Ion Ratio Lower Upper

162 100

127 36.4 32.0 48.0

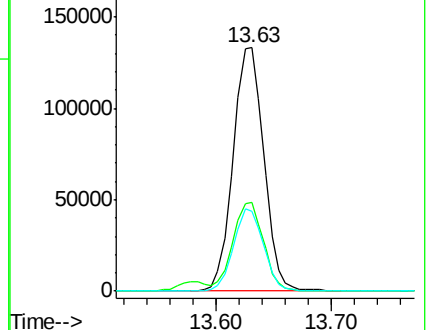
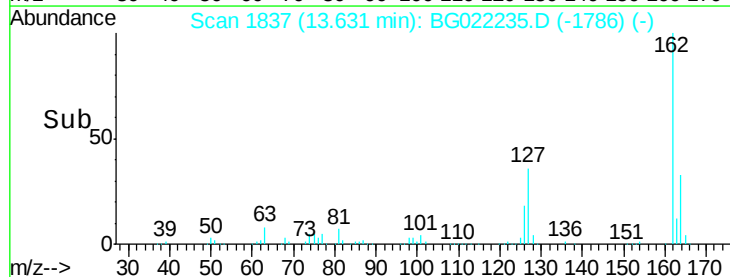
164 32.6 27.0 40.4

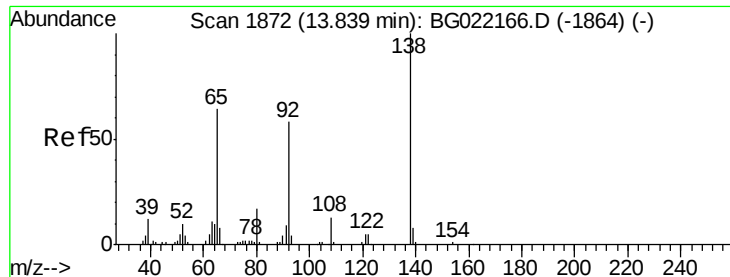


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.81 ng

RT: 13.84 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

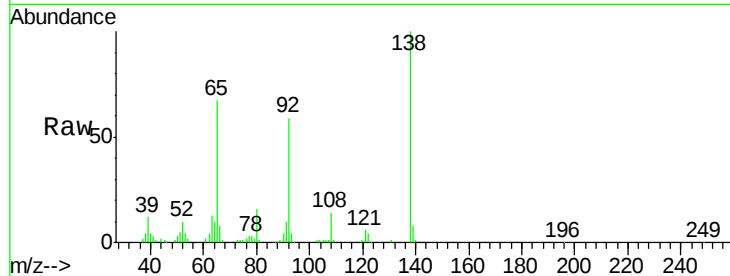
Tot Ion: 65 Resp: 60849

Ion Ratio Lower Upper

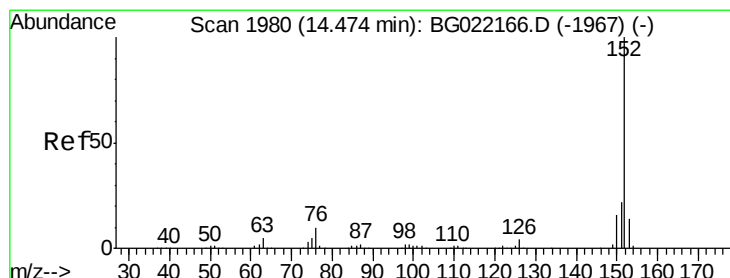
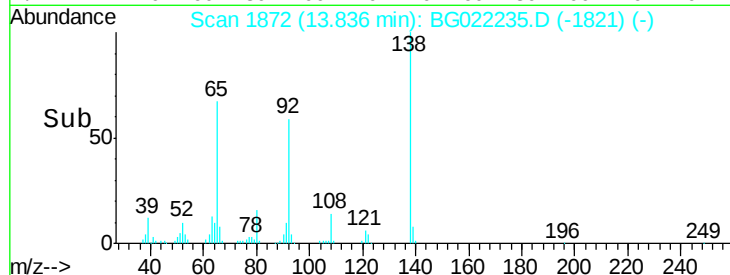
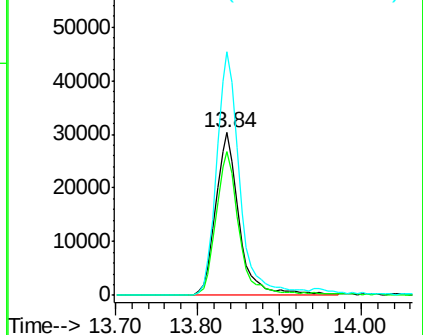
65 100

92 88.3 49.2 73.8#

138 149.7 75.0 112.6#



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



#48

Acenaphthylene

Concen: 48.11 ng

RT: 14.47 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

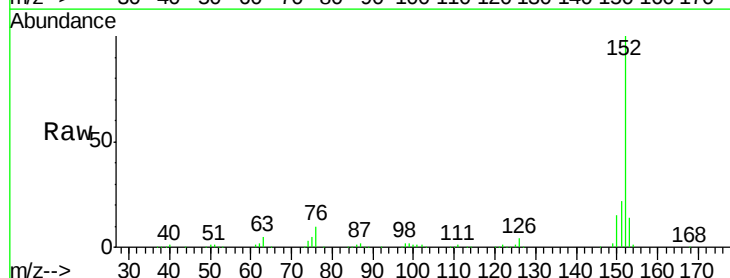
Tgt Ion: 152 Resp: 423985

Ion Ratio Lower Upper

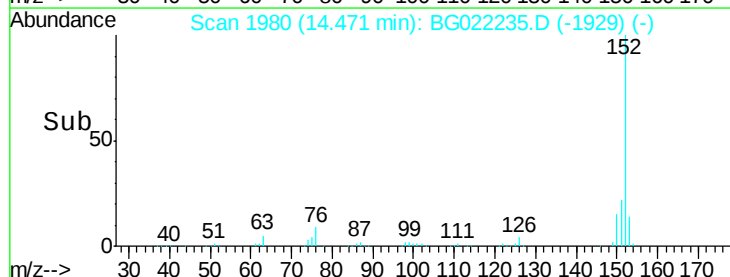
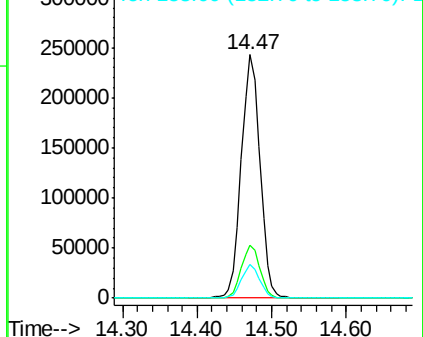
152 100

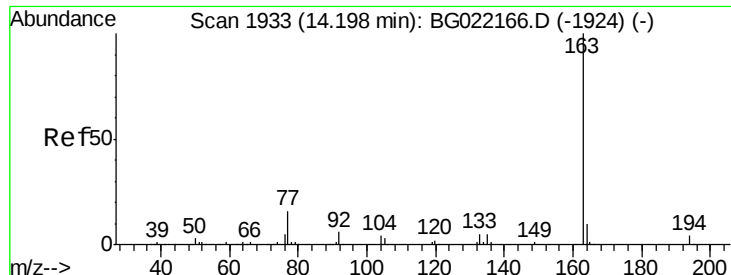
151 21.8 16.6 24.8

153 13.8 10.2 15.2



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





#49

Dimethylphthalate

Concen: 58.94 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

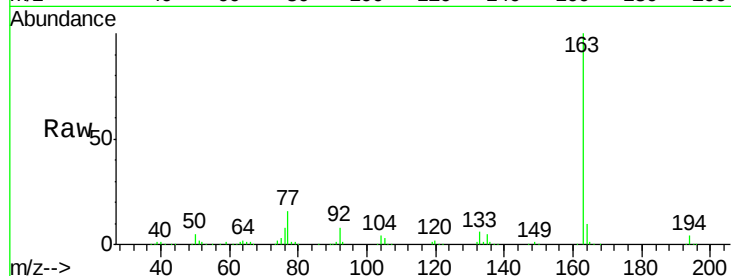
Tot Ion:163 Resp: 425496

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

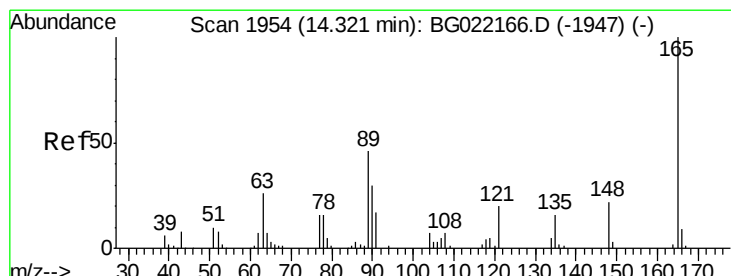
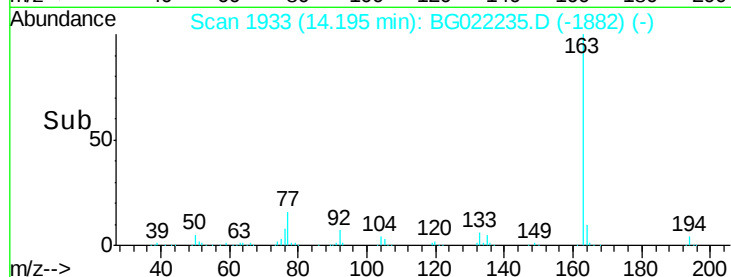
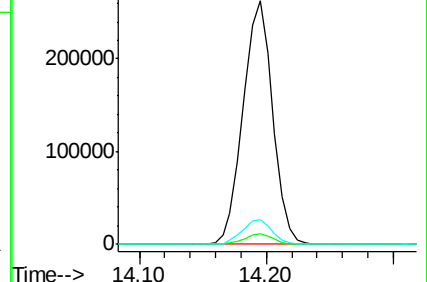
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.82 ng

RT: 14.32 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

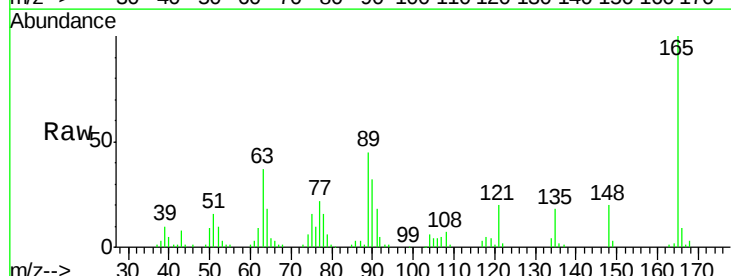
Tgt Ion:165 Resp: 78189

Ion Ratio Lower Upper

165 100

63 36.9 48.2 72.4#

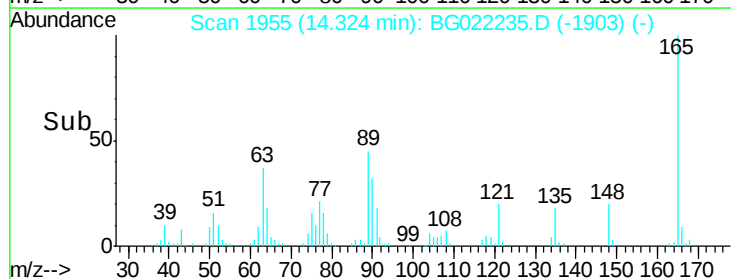
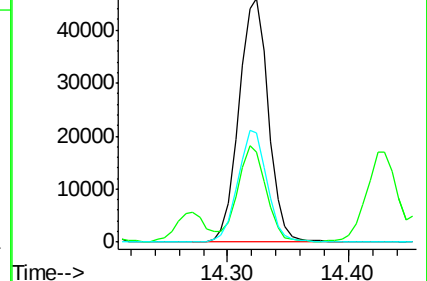
89 45.1 45.3 67.9#

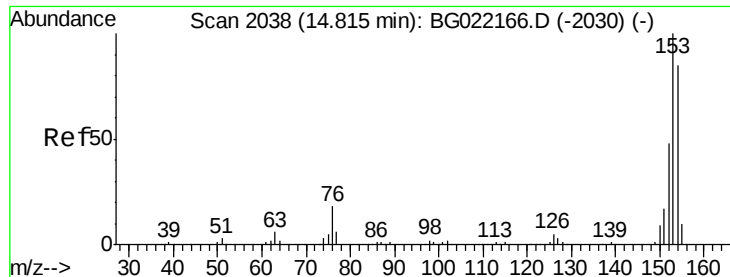


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 48.20 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

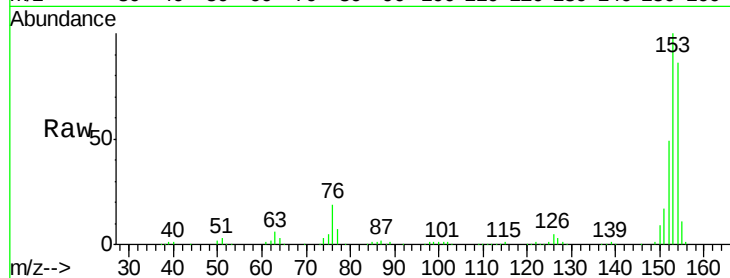
Tot Ion:154 Resp: 254486

Ion Ratio Lower Upper

154 100

153 116.0 91.9 137.9

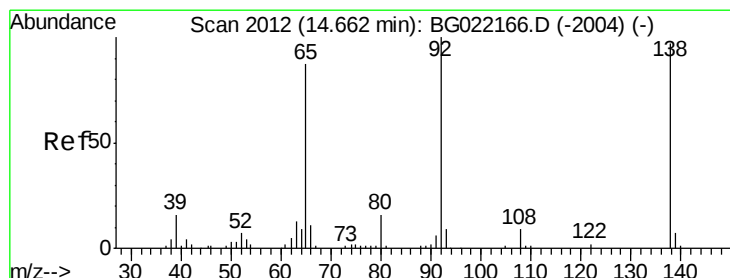
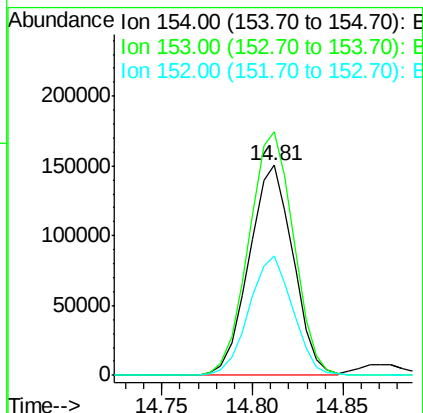
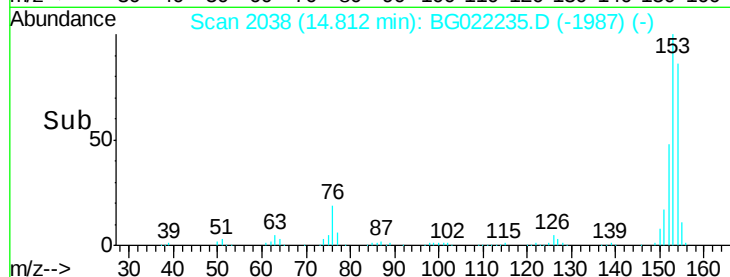
152 56.9 42.0 63.0



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: 31.00 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

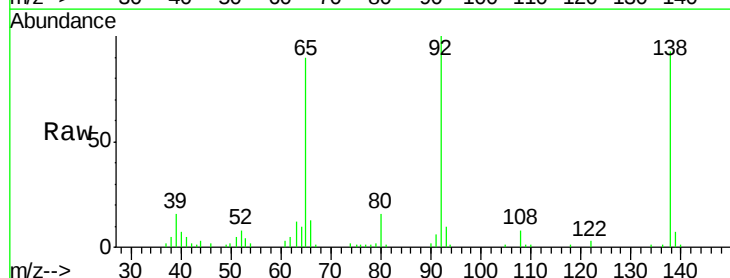
Tgt Ion:138 Resp: 53956

Ion Ratio Lower Upper

138 100

108 8.4 9.1 13.7#

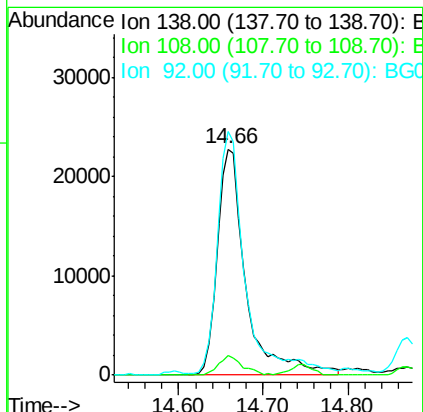
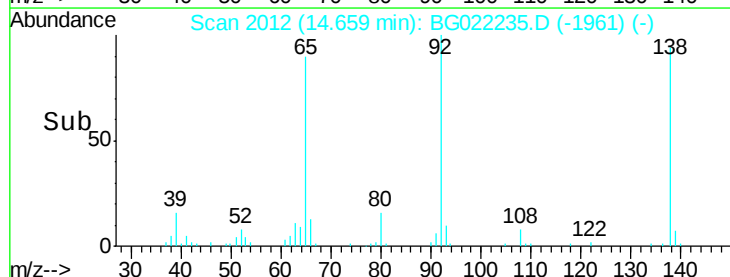
92 107.8 102.6 154.0

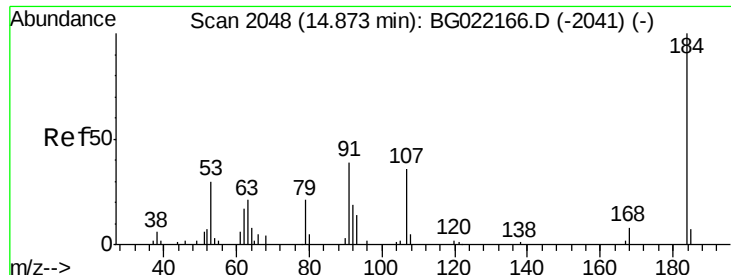


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

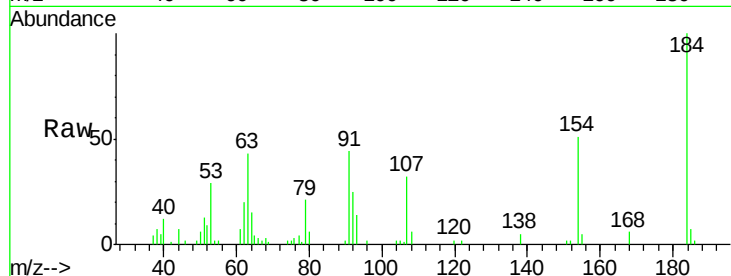




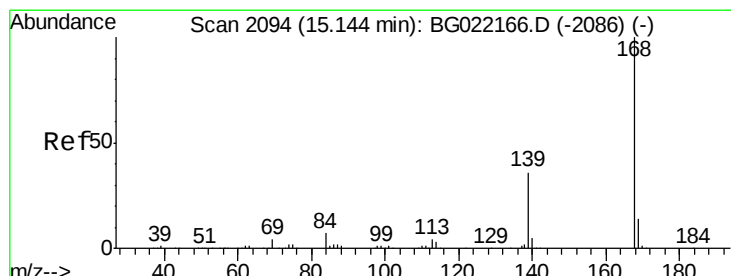
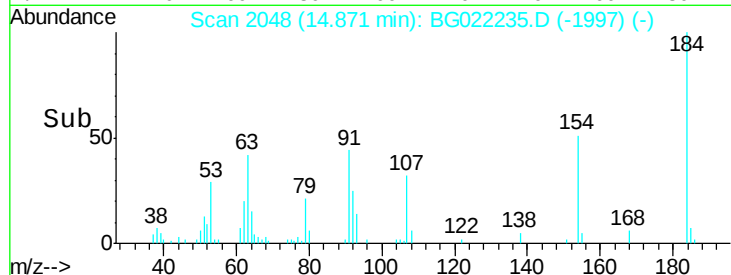
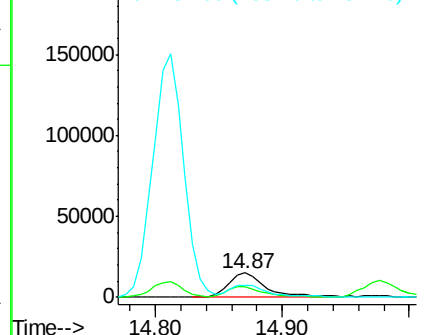
#53
 2,4-Dinitrophenol
 Concen: 52.75 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

Tot Ion:184 Resp: 31043
 Ion Ratio Lower Upper
 184 100
 63 42.8 57.3 85.9#
 154 51.3 55.2 82.8#

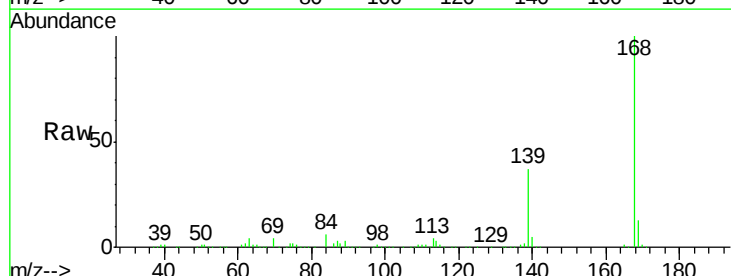


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

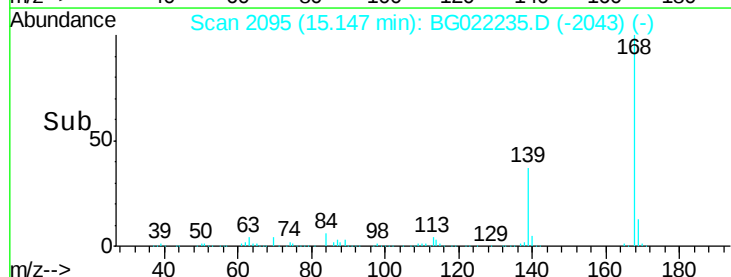
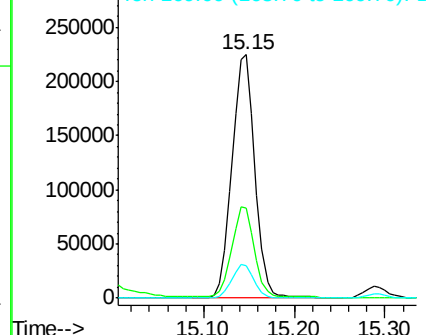


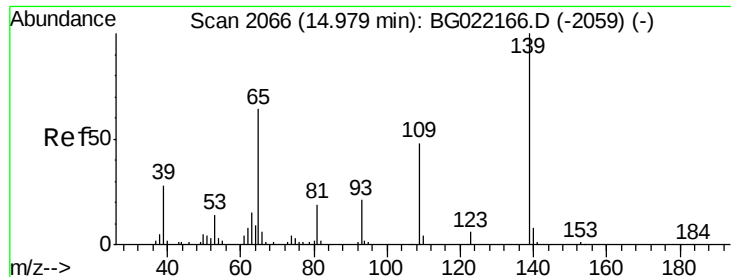
#54
 Dibenzofuran
 Concen: 48.13 ng
 RT: 15.15 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion:168 Resp: 396582
 Ion Ratio Lower Upper
 168 100
 139 37.0 31.1 46.7
 169 13.5 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

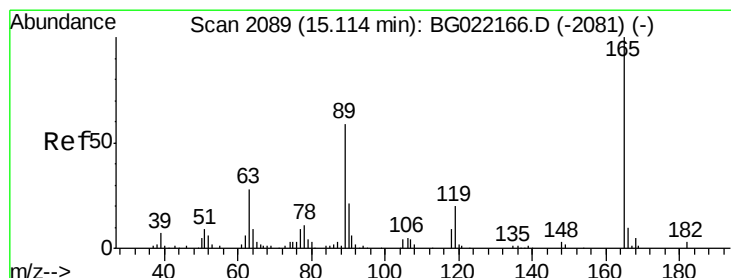
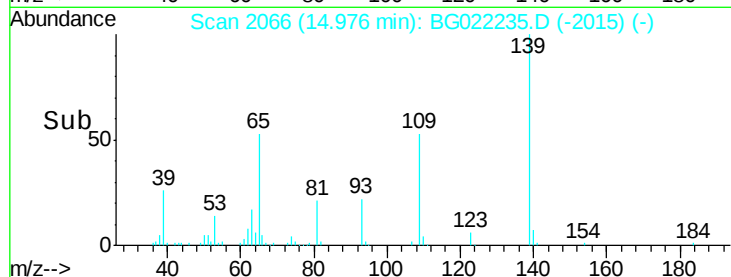
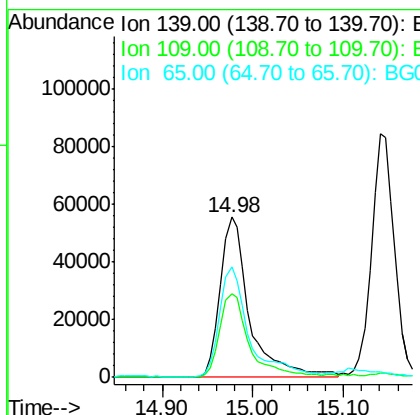
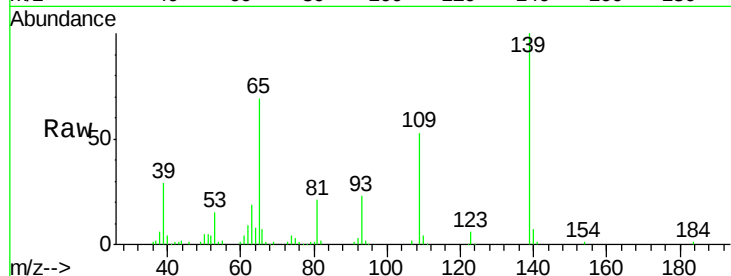




#55
4-Nitrophenol
Concen: 104.24 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

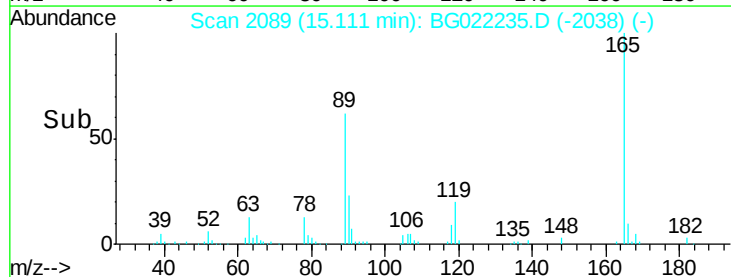
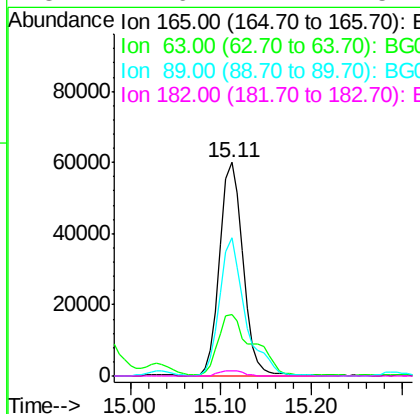
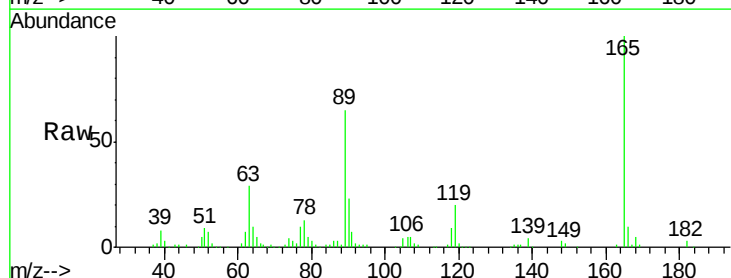
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

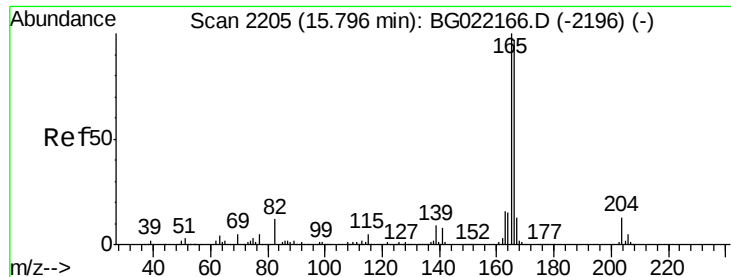
Tot Ion:139 Resp: 125224
Ion Ratio Lower Upper
139 100
109 52.6 49.2 89.2
65 69.2 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 51.47 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:165 Resp: 108338
Ion Ratio Lower Upper
165 100
63 28.8 37.4 56.0#
89 64.5 59.4 89.0
182 2.6 2.1 3.1





#57

Fluorene

Concen: 48.05 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

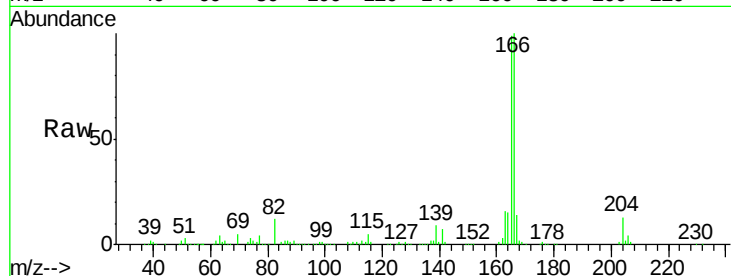
Tot Ion:166 Resp: 341065

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.4

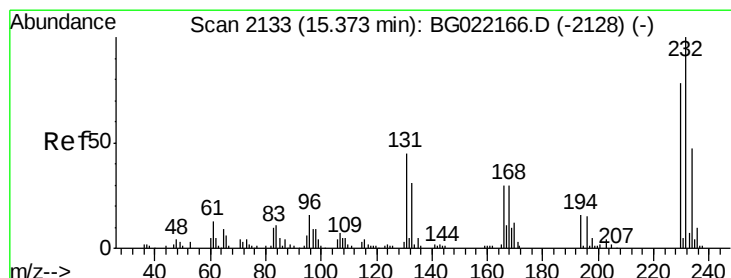
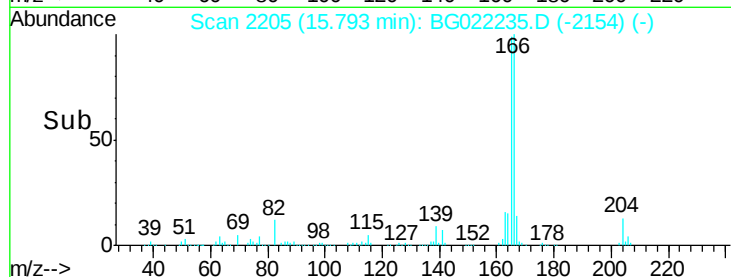
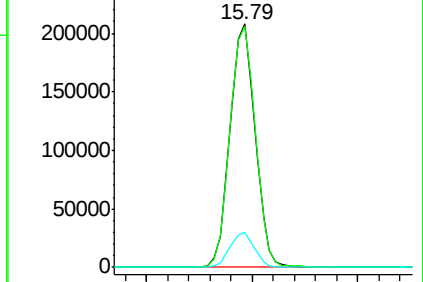
167 14.1 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.86 ng

RT: 15.37 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Tgt Ion:232 Resp: 74285

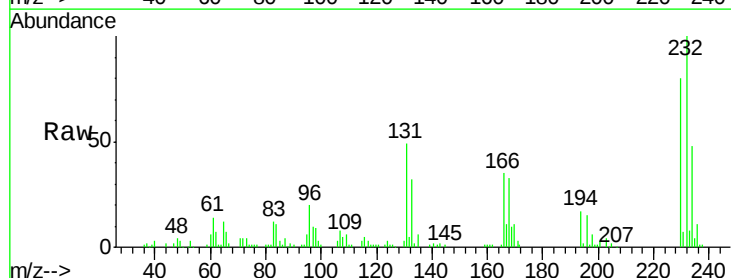
Ion Ratio Lower Upper

232 100

131 47.5 36.3 54.5

130 2.6 1.9 2.9

166 35.3 25.0 37.4

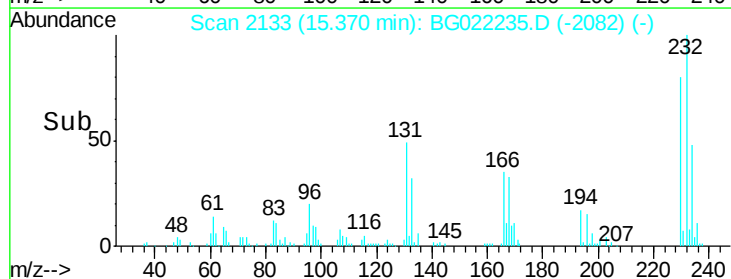
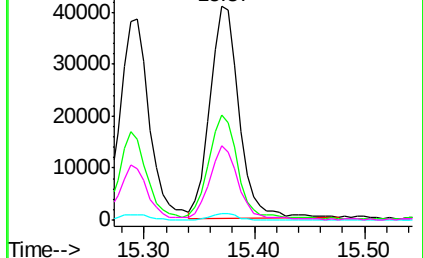


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

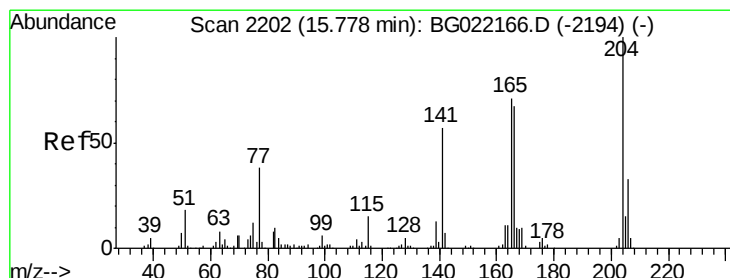
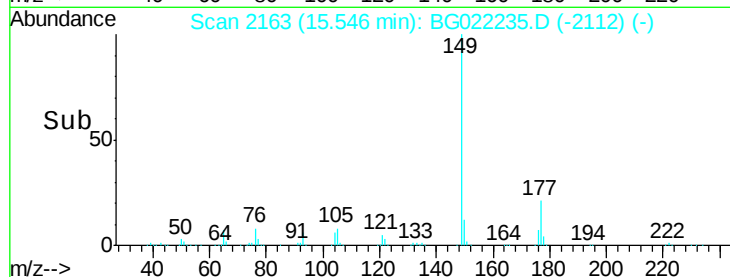
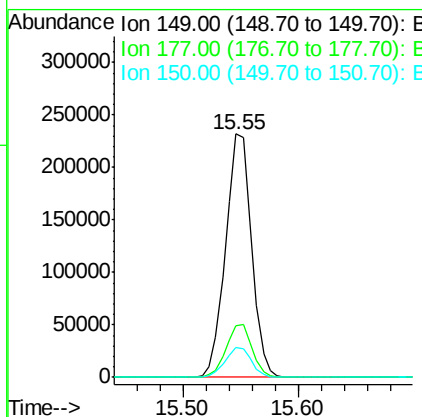
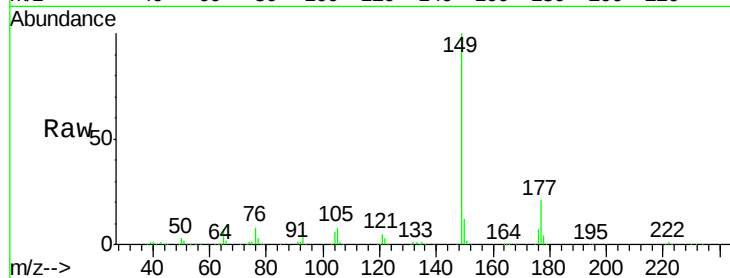




#59
Diethylphthalate
Concen: 46.77 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

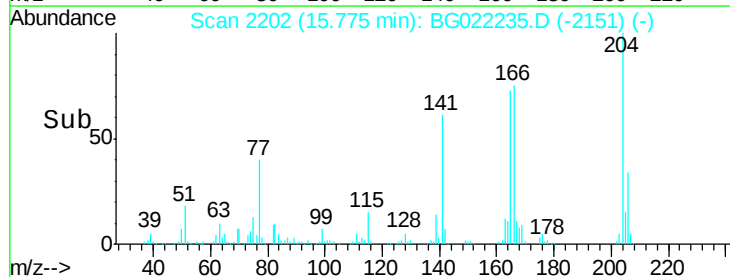
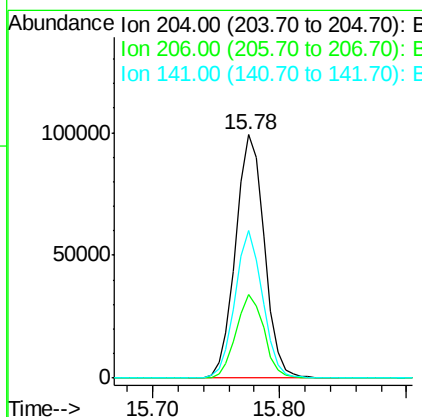
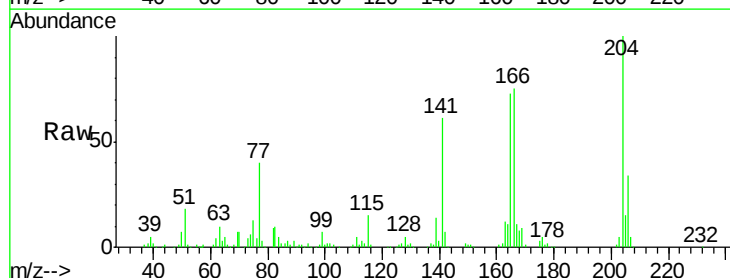
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

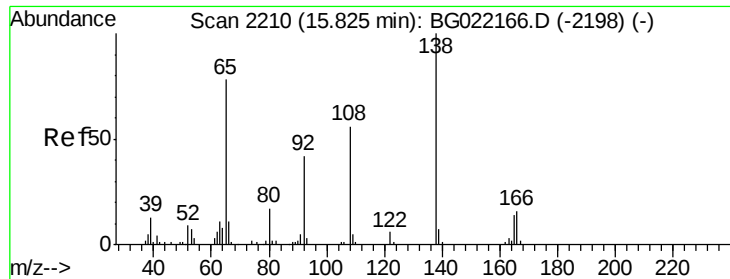
Tot Ion:149 Resp: 360685
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.2 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 48.31 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:204 Resp: 155289
Ion Ratio Lower Upper
204 100
206 34.5 27.8 41.8
141 60.9 51.0 76.4

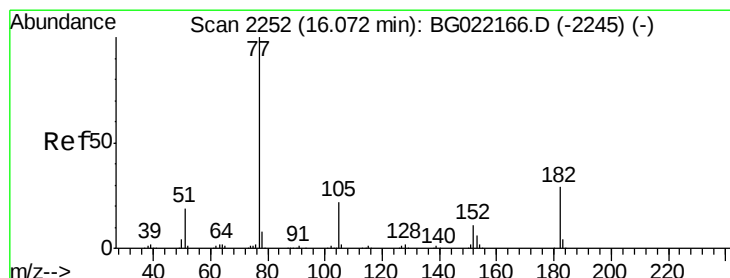
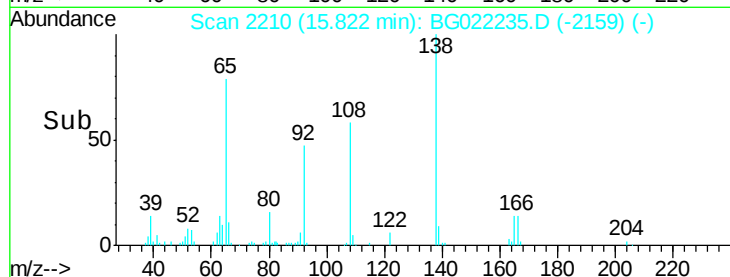
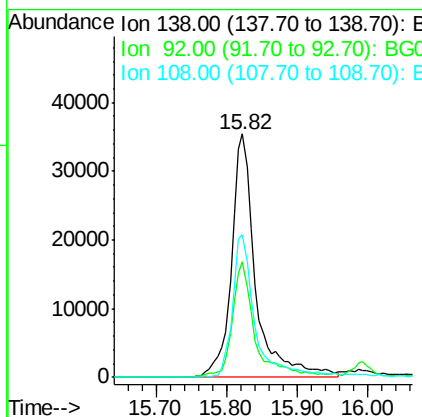
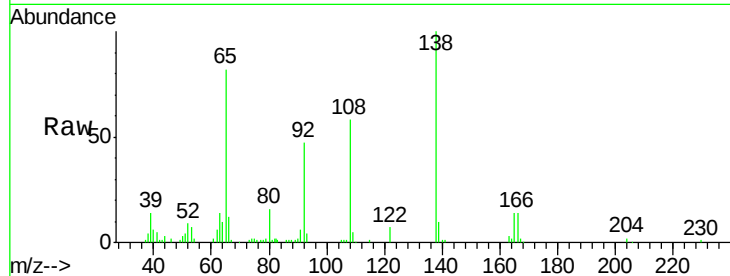




#61
4-Nitroaniline
Concen: 45.77 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

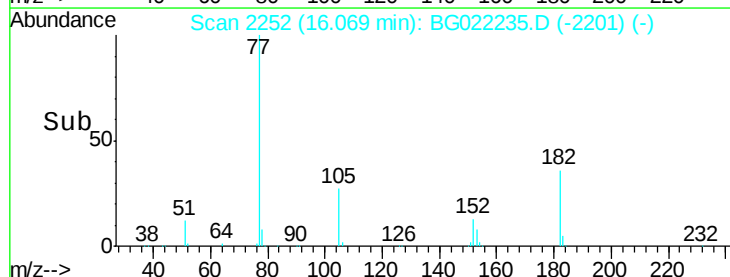
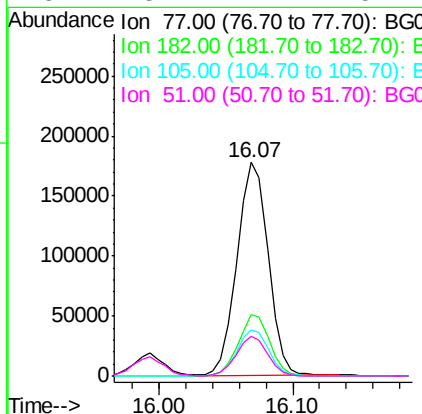
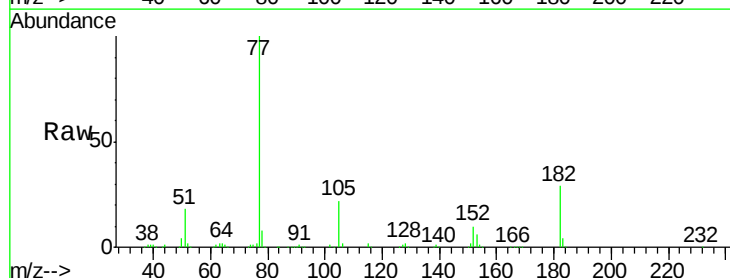
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

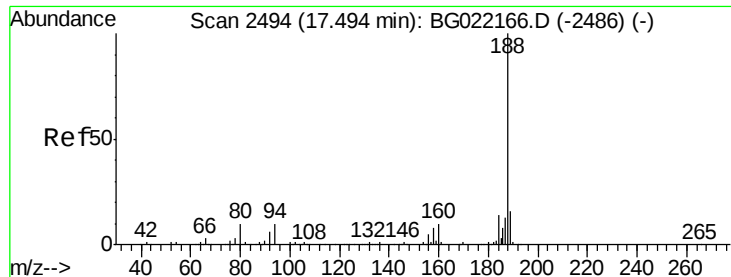
Tot Ion:138 Resp: 84485
Ion Ratio Lower Upper
138 100
92 47.5 37.7 77.7
108 58.4 59.4 99.4#



#62
Azobenzene
Concen: 49.24 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion: 77 Resp: 287564
Ion Ratio Lower Upper
77 100
182 28.7 4.1 44.1
105 21.6 0.0 39.8
51 18.4 11.1 51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

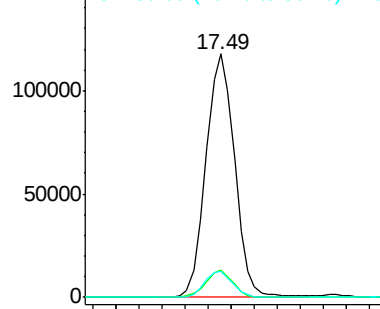
Tot Ion:188 Resp: 202910

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.5	11.3
80	10.7	8.6	13.0

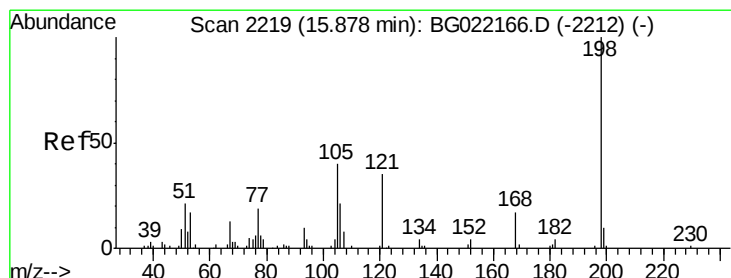
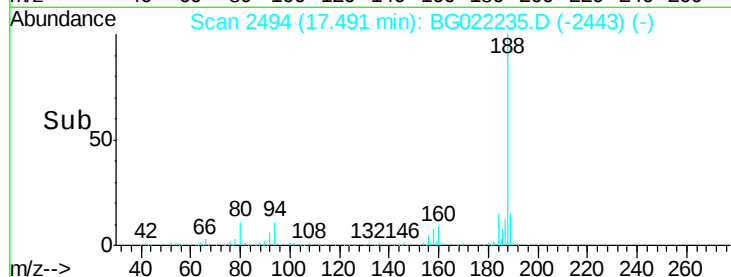
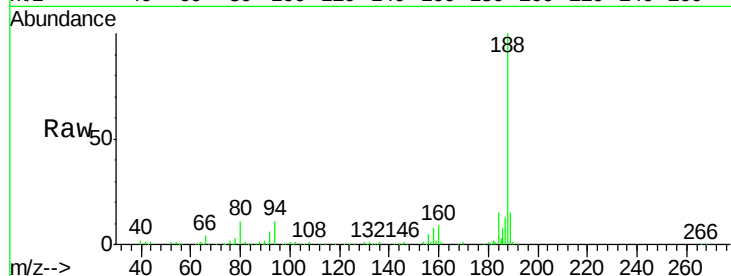
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.69 ng

RT: 15.88 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

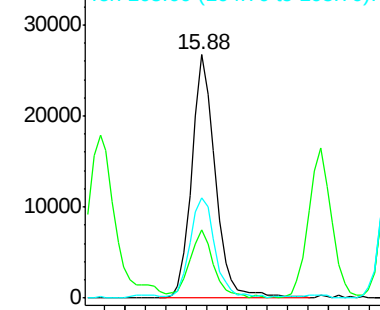
Tgt Ion:198 Resp: 43219

Ion	Ratio	Lower	Upper
198	100		
51	28.3	29.2	69.2#
105	41.2	24.0	64.0

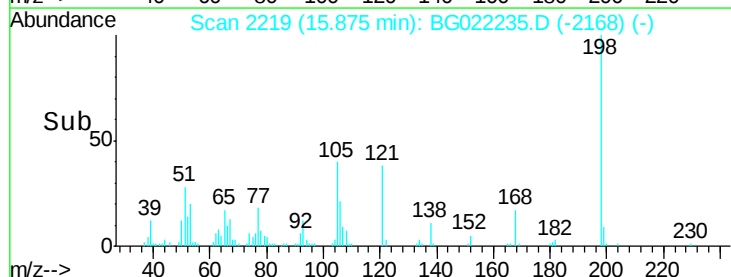
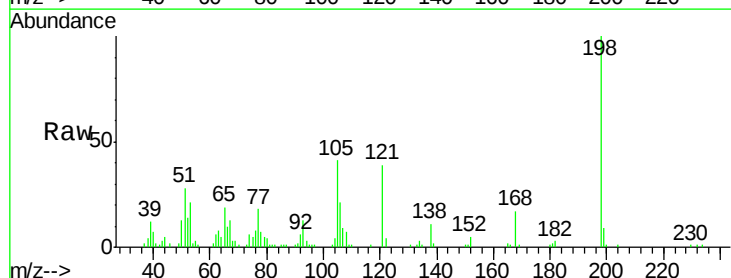
Abundance Ion 198.00 (197.70 to 198.70): E

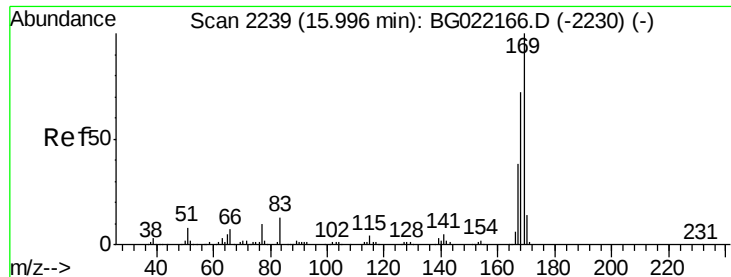
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->

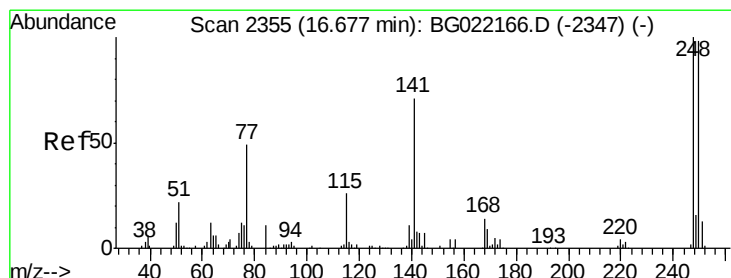
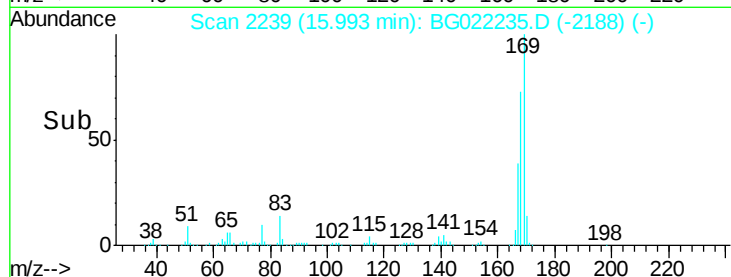
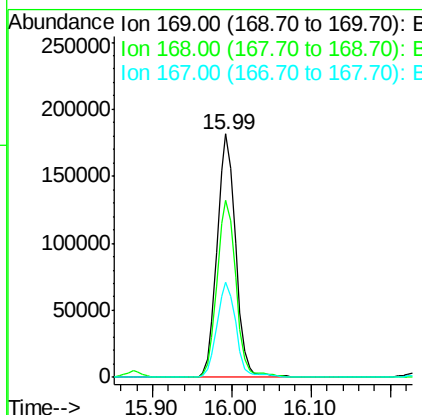
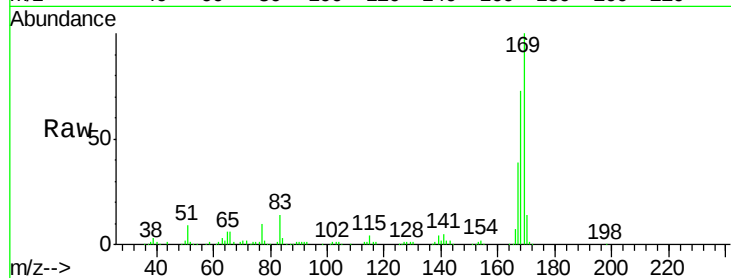




#65
n-Nitrosodiphenylamine
Concen: 50.40 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

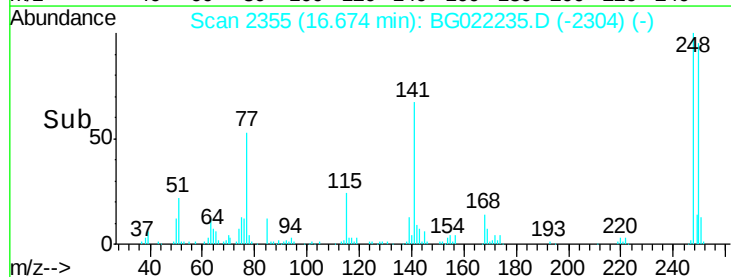
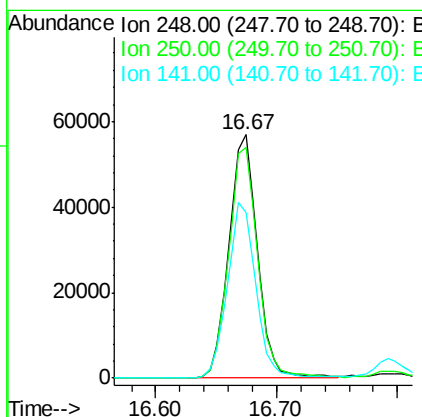
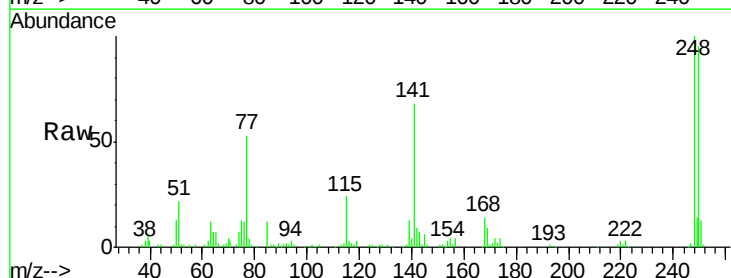
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

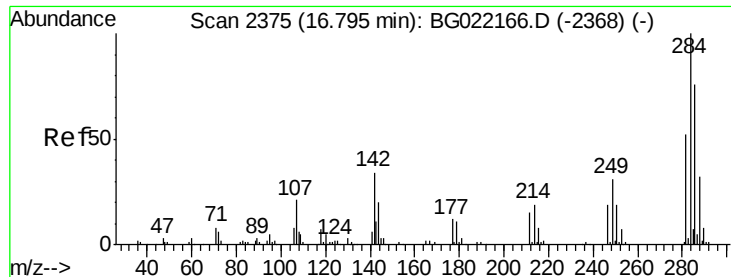
Tot Ion:169 Resp: 294610
Ion Ratio Lower Upper
169 100
168 72.9 59.6 89.4
167 38.9 31.2 46.8



#66
4-Bromophenyl-phenylether
Concen: 49.33 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:248 Resp: 93786
Ion Ratio Lower Upper
248 100
250 94.9 76.6 114.8
141 68.1 63.8 95.6





#67

Hexachlorobenzene

Concen: 47.19 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

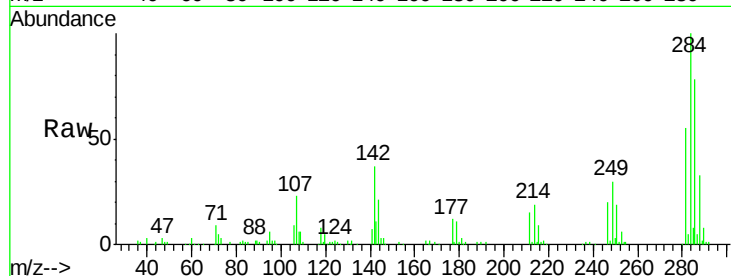
Tot Ion:284 Resp: 104562

Ion Ratio Lower Upper

284 100

142 37.2 31.8 47.6

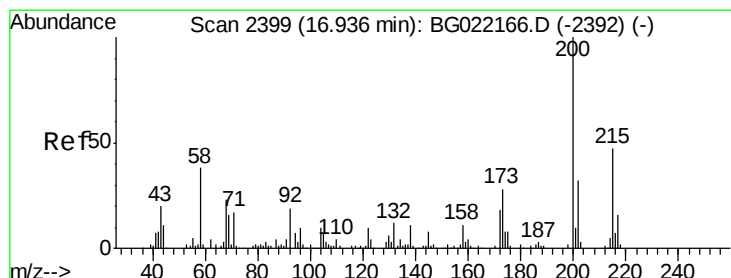
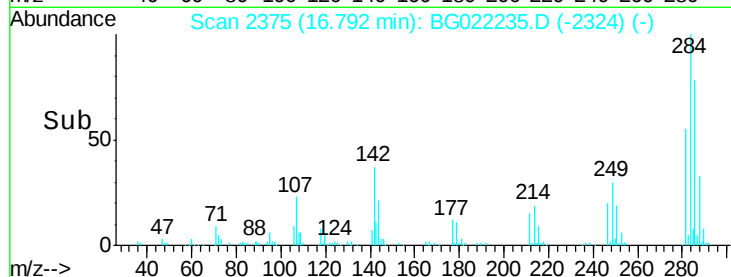
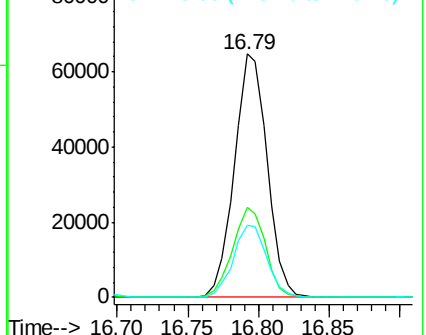
249 32.5 27.3 40.9



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: 46.86 ng

RT: 16.93 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

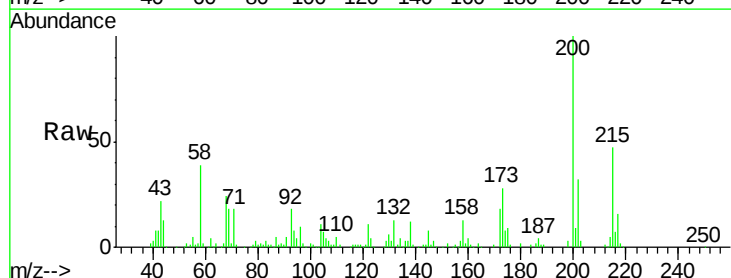
Tgt Ion:200 Resp: 101385

Ion Ratio Lower Upper

200 100

173 28.1 5.1 45.1

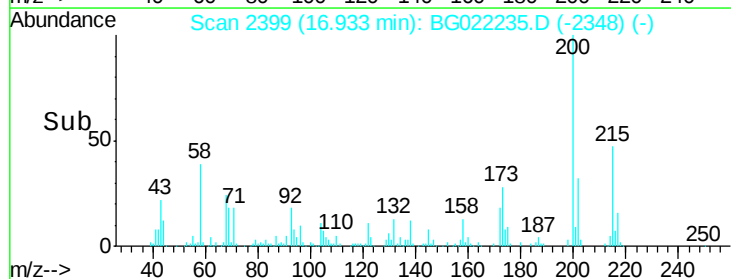
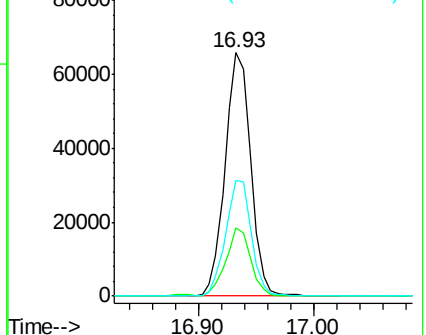
215 47.5 28.0 68.0

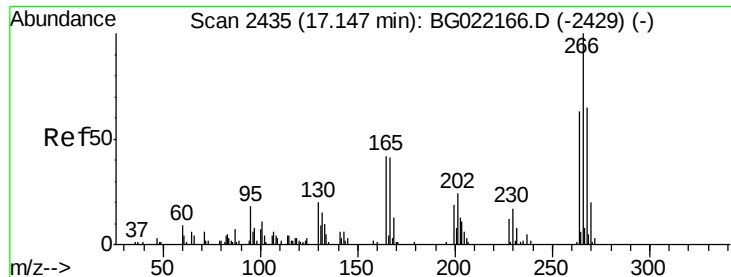


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

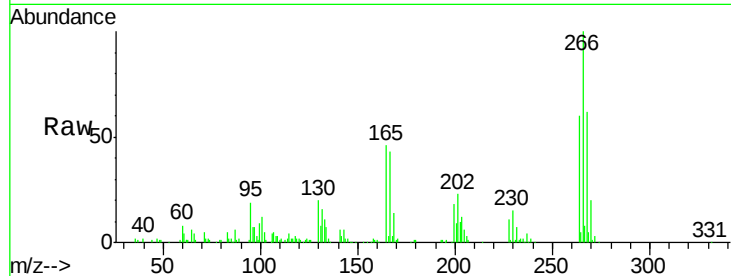




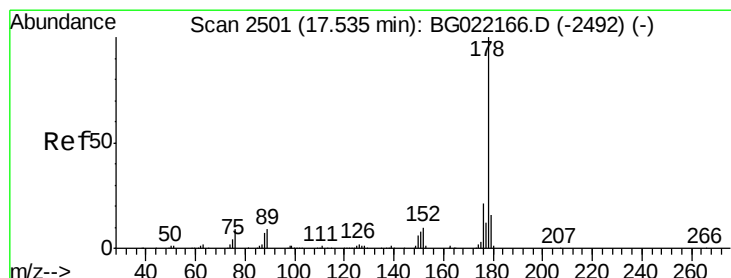
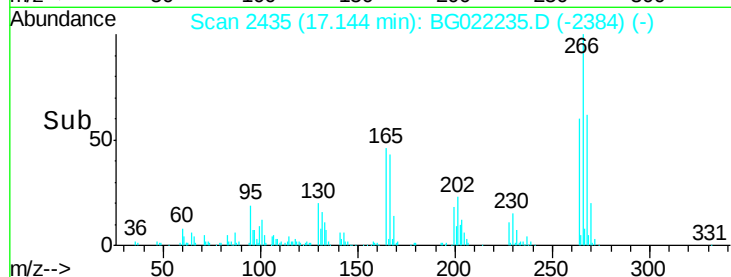
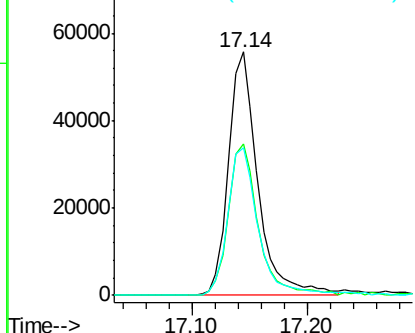
#69
 Pentachlorophenol
 Concen: 96.44 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.3	54.5	81.7
264	65.4	53.8	80.6

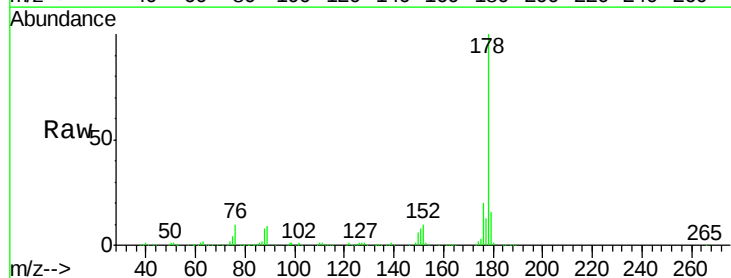


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

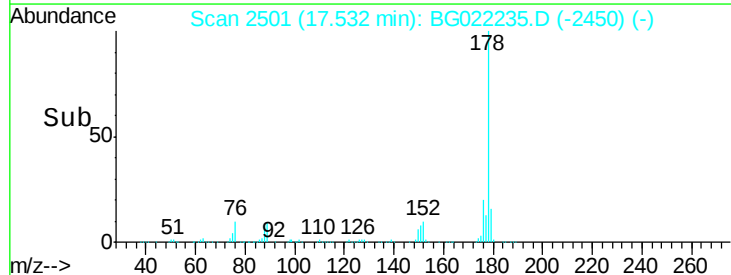
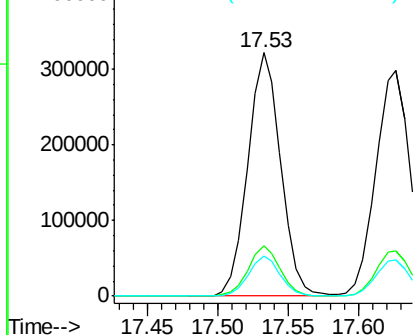


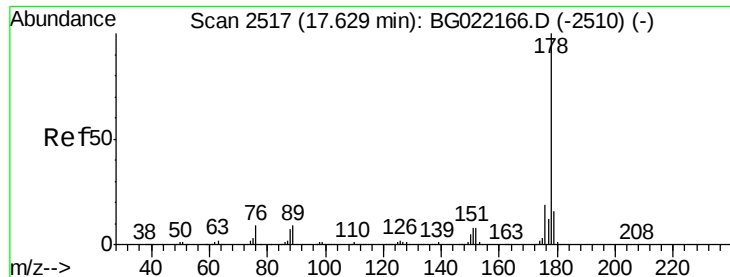
#70
 Phenanthrene
 Concen: 47.82 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.3	12.0	18.0



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

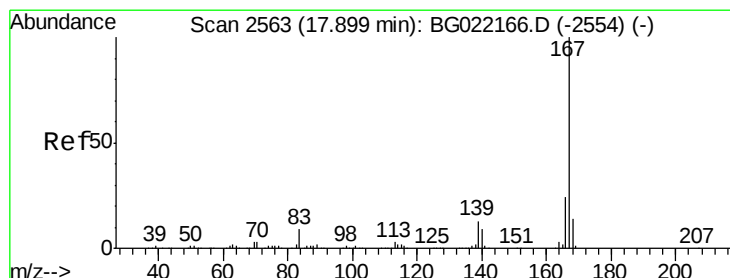
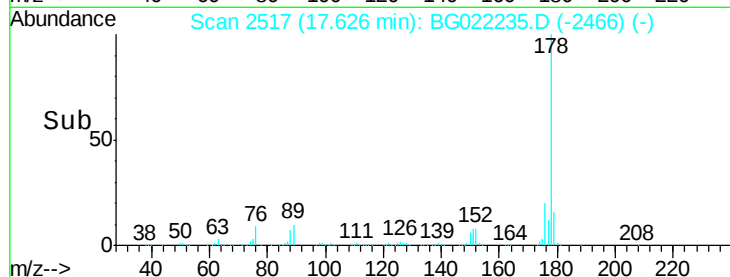
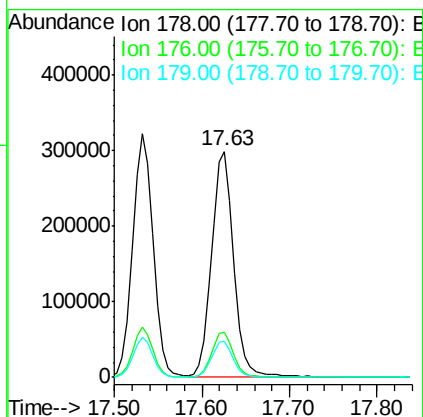
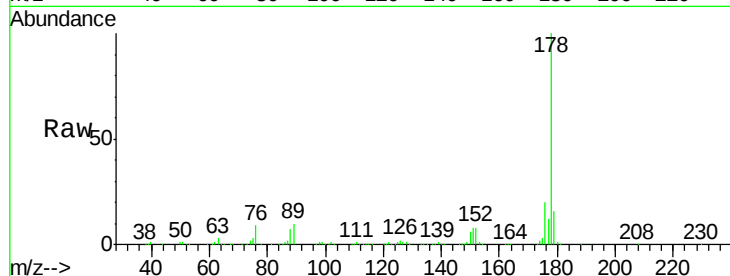




#71
 Anthracene
 Concen: 47.72 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

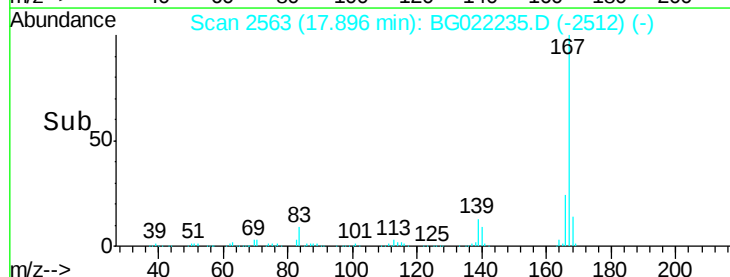
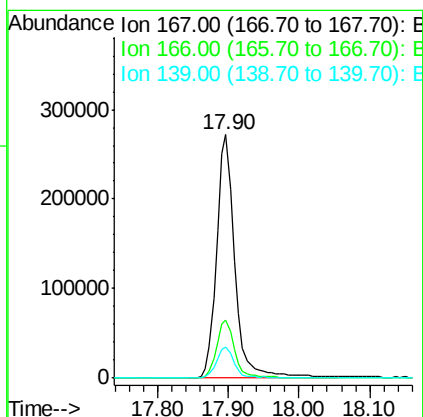
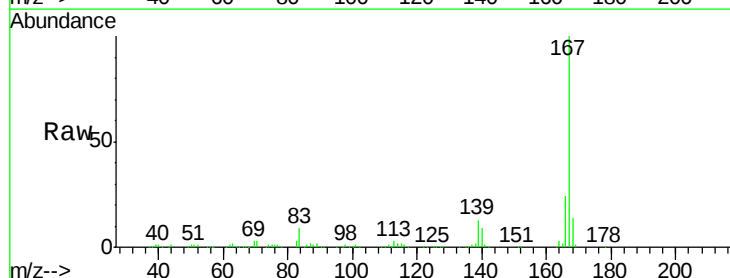
Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

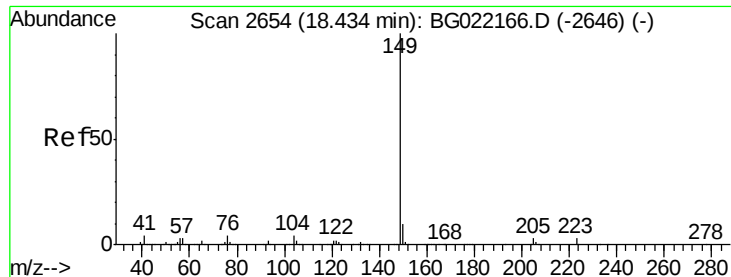
Tot Ion:178 Resp: 521566
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.0 22.4
 179 16.1 12.2 18.4



#72
 Carbazole
 Concen: 47.56 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion:167 Resp: 492345
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 27.8
 139 12.9 10.6 15.8





#73

Di-n-butylphthalate

Concen: 46.61 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

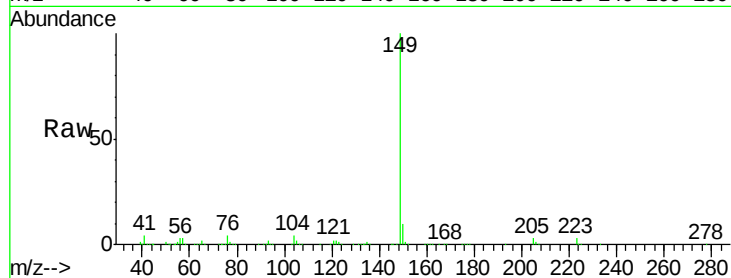
Tot Ion:149 Resp: 630818

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

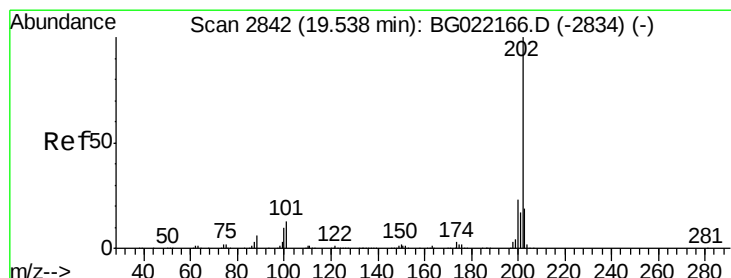
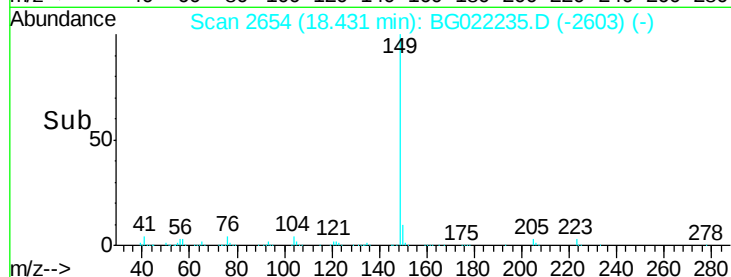
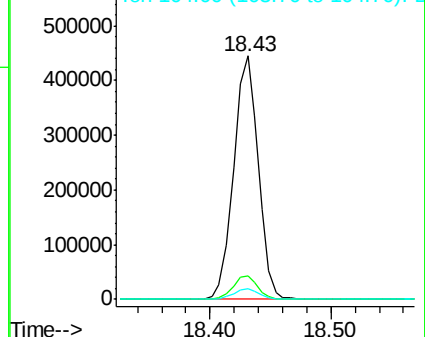
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.17 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

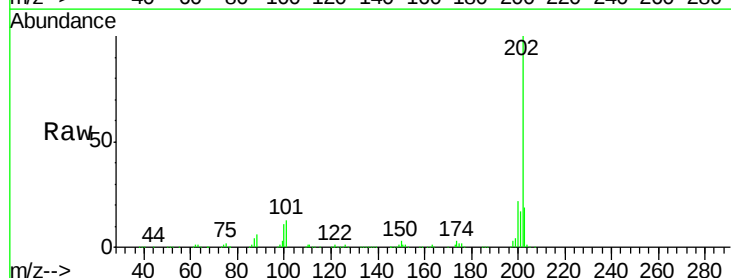
Tgt Ion:202 Resp: 584958

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.0

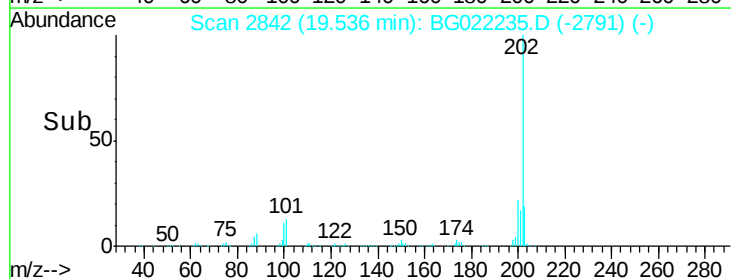
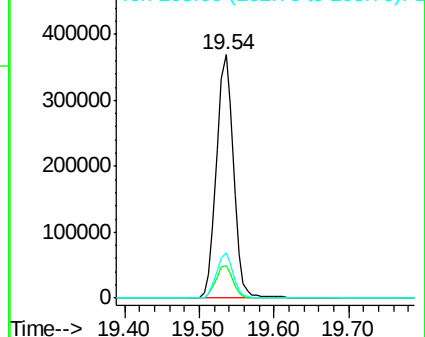
203 18.5 0.0 37.9

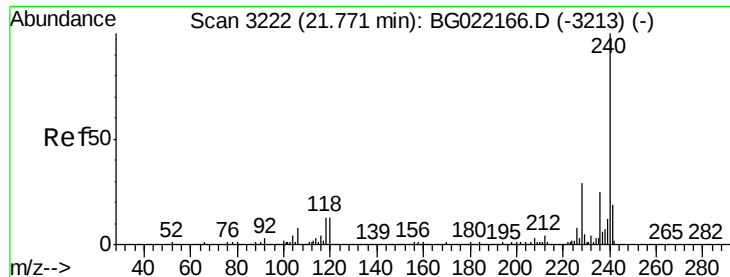


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampled :

SB-16MSD

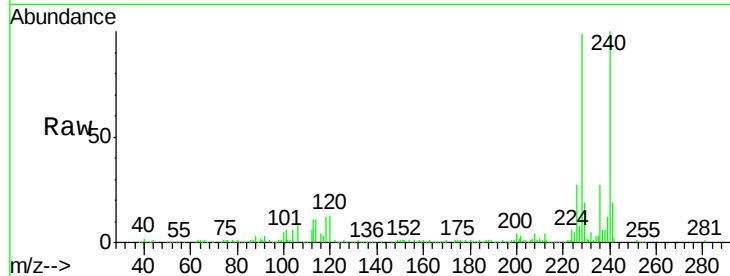
Tot Ion:240 Resp: 188758

Ion Ratio Lower Upper

240 100

120 13.2 8.4 12.6#

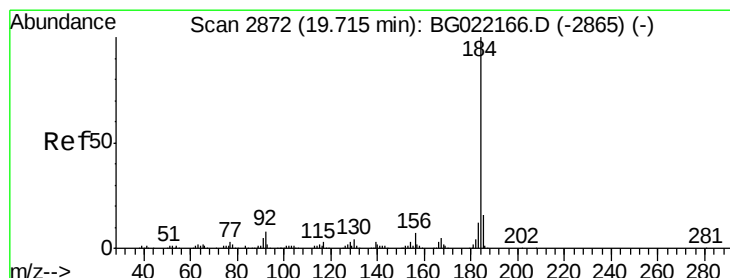
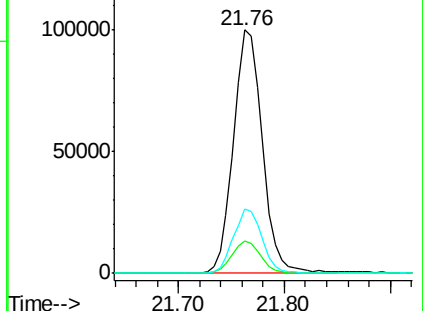
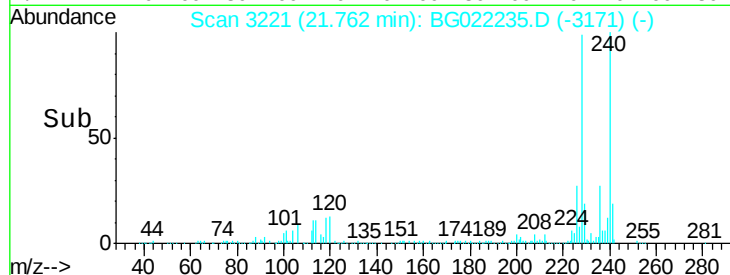
236 26.7 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.47 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

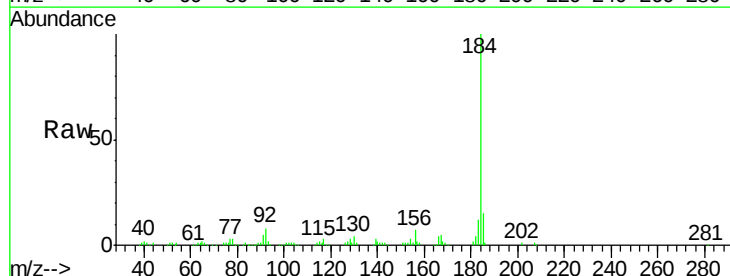
Tgt Ion:184 Resp: 194850

Ion Ratio Lower Upper

184 100

185 15.4 11.5 17.3

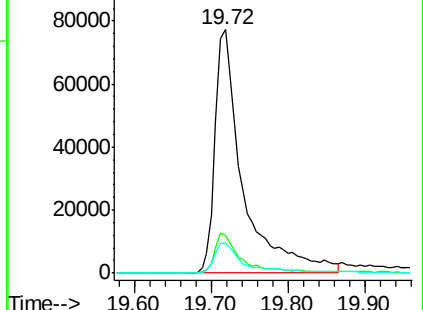
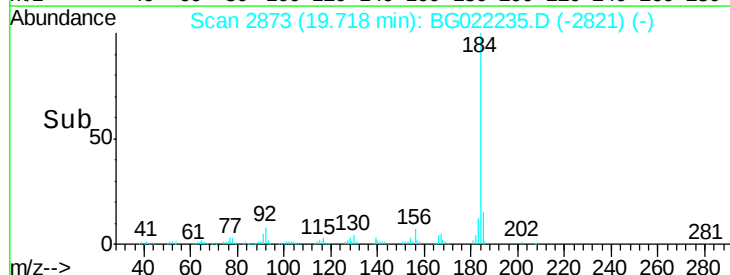
183 12.4 10.2 15.4

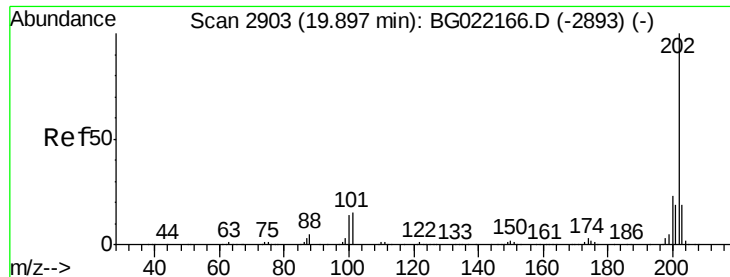


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

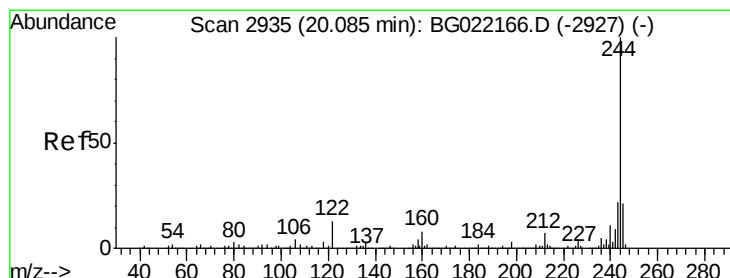
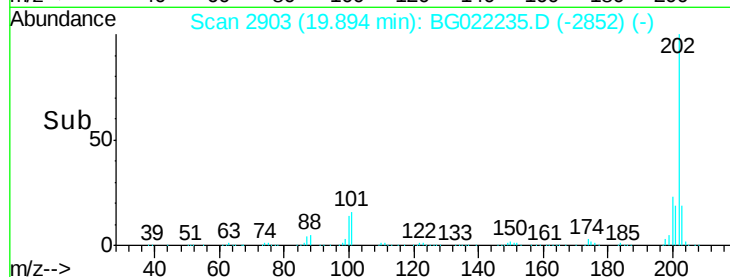
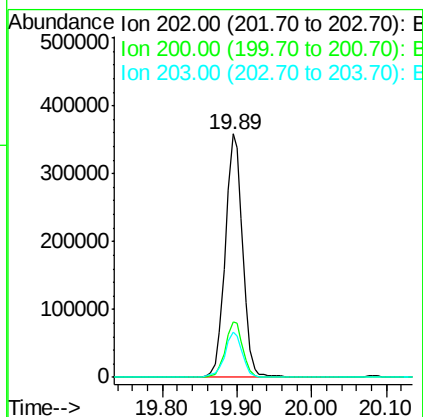
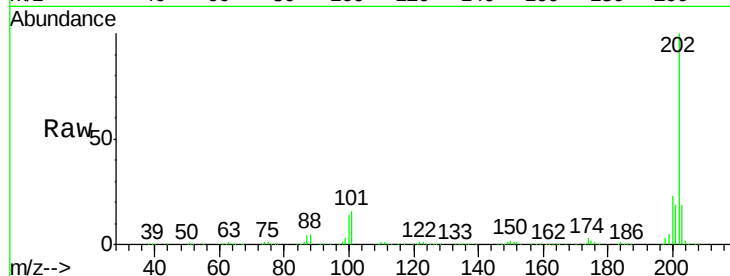




#77
Pvrene
Concen: 49.53 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

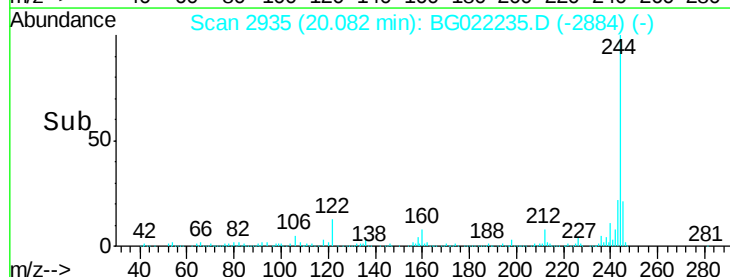
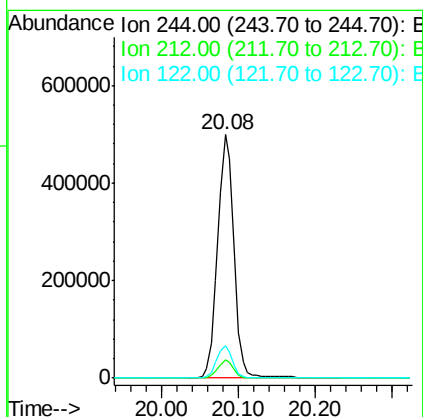
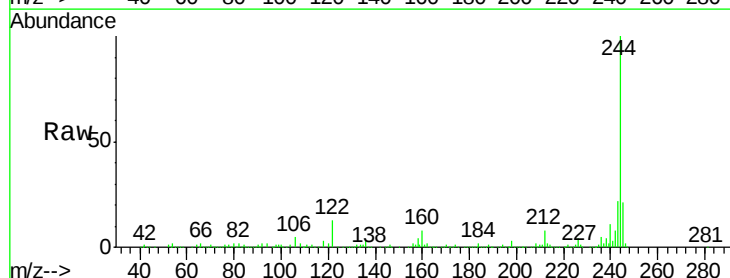
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

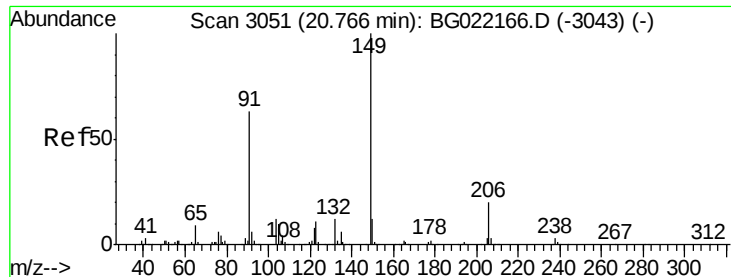
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.2
203	18.7	15.0	22.4



#78
Terphenyl-d14
Concen: 91.27 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	13.4	8.6	12.8#

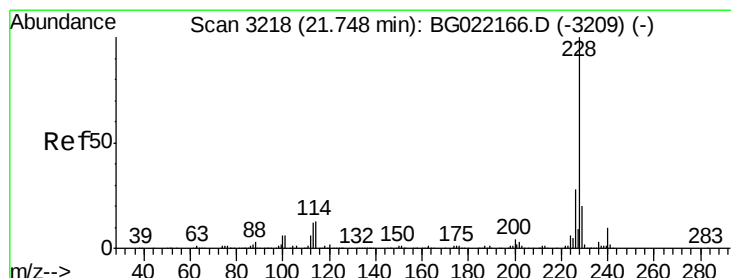
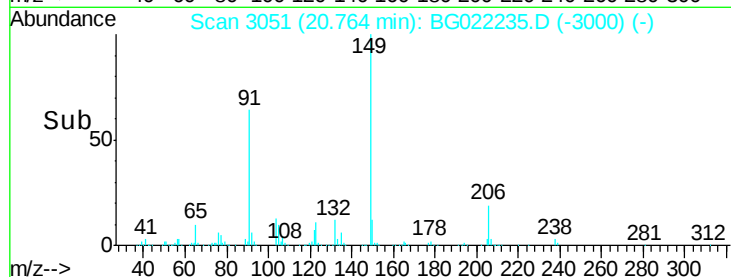
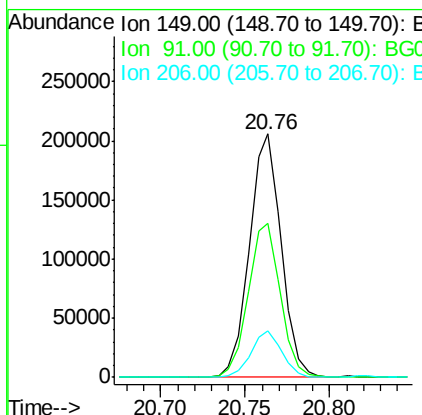
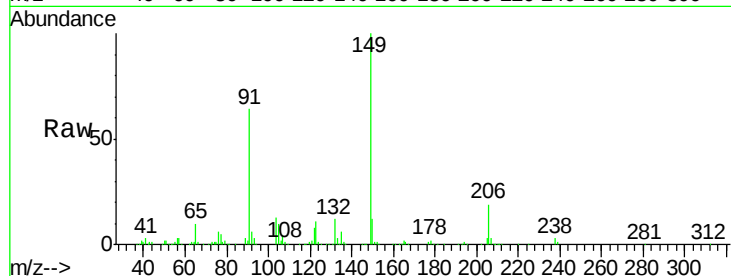




#79
Butylbenzylphthalate
Concen: 49.30 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

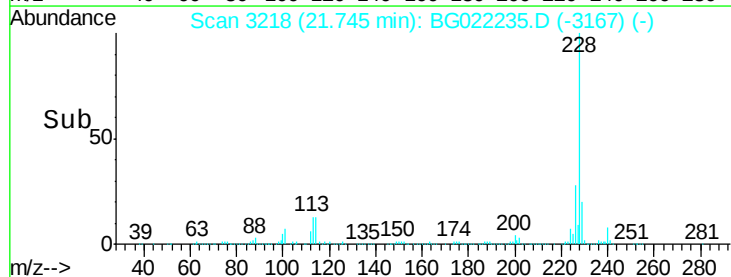
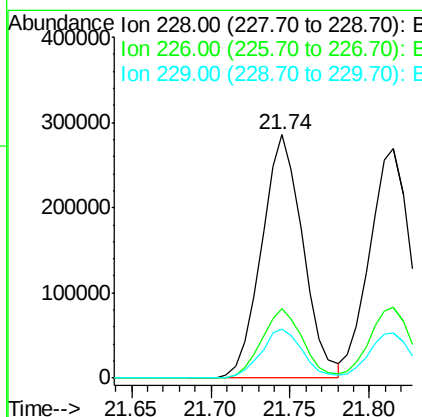
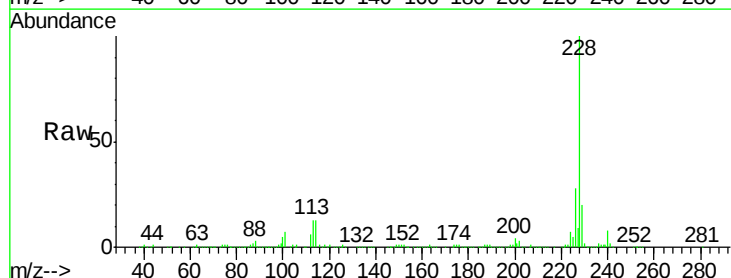
Instrument :
BNA_G
ClientSampleID :
SB-16MSD

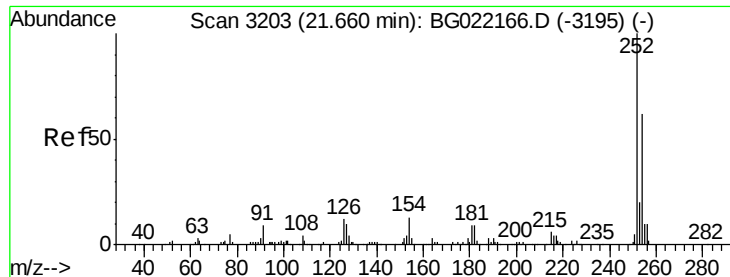
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.5	57.8	86.8
206	19.0	17.0	25.4



#80
Benzo(a)anthracene
Concen: 48.85 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.2	16.1	24.1

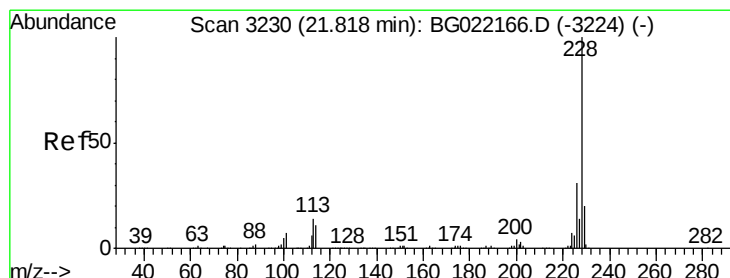
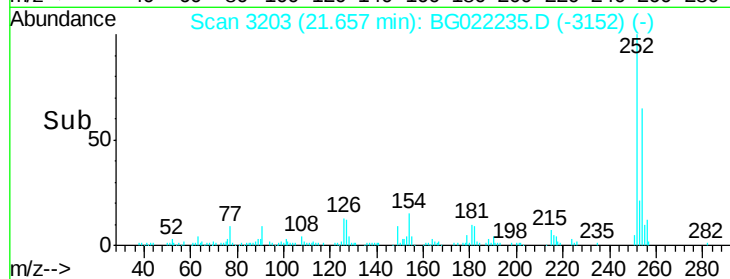
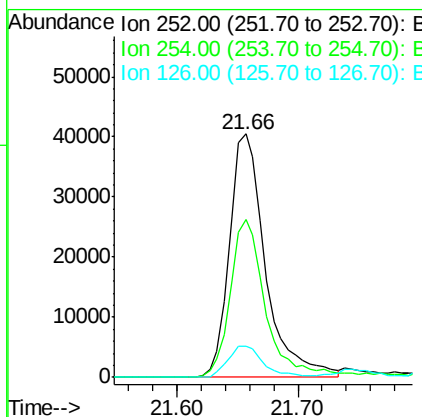
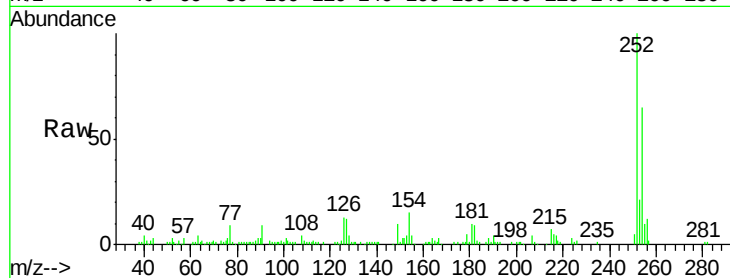




#81
 3,3'-Dichlorobenzidine
 Concen: 28.36 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

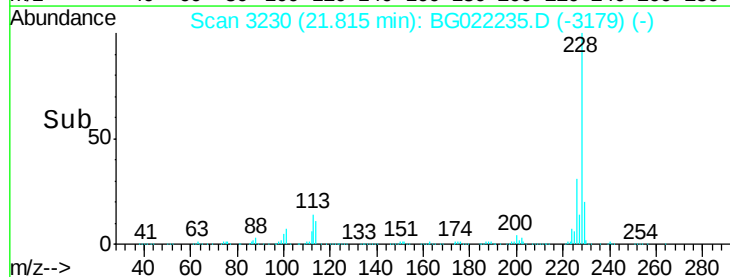
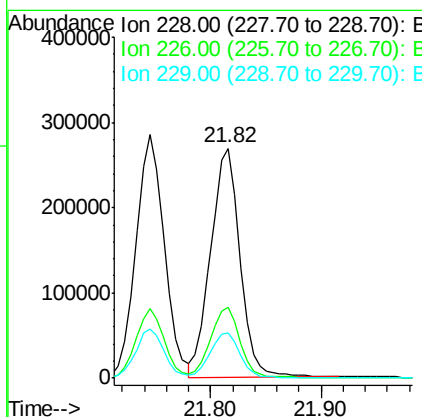
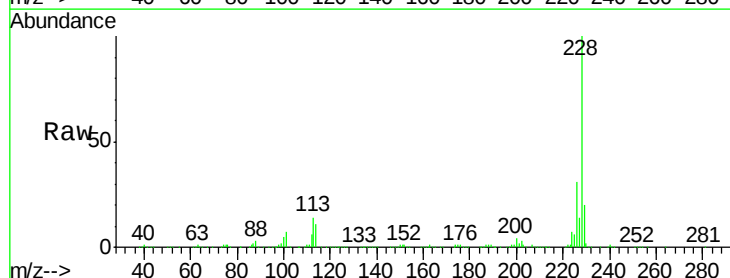
Instrument :
 BNA_G
 ClientSampled :
 SB-16MSD

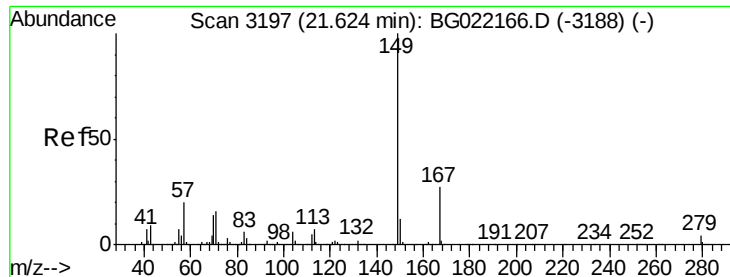
Tot Ion:252 Resp: 84286
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.8 77.6
 126 12.8 8.8 13.2



#82
 Chrysene
 Concen: 47.81 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion:228 Resp: 492386
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 19.6 15.9 23.9

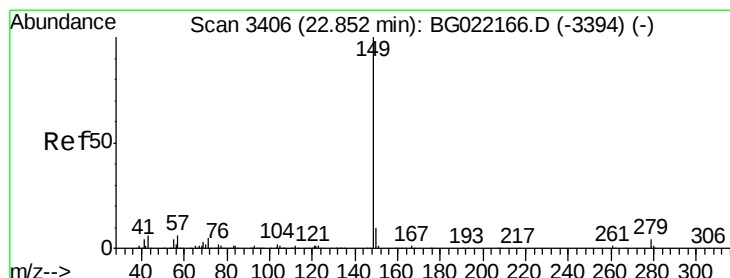
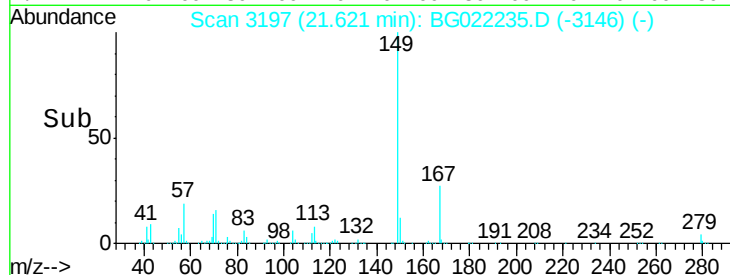
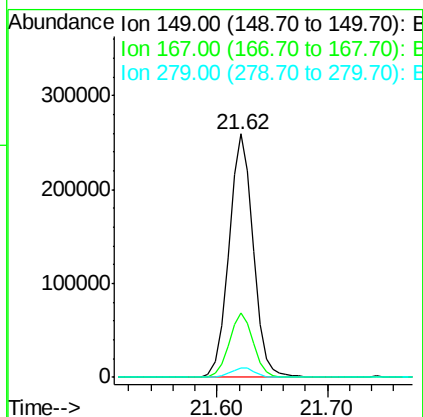
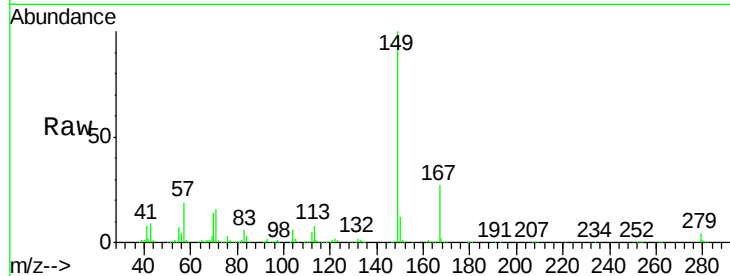




#83
Bis(2-ethylhexyl)phthalate
Concen: 49.77 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

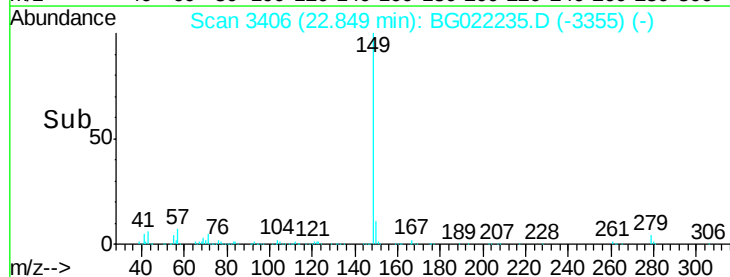
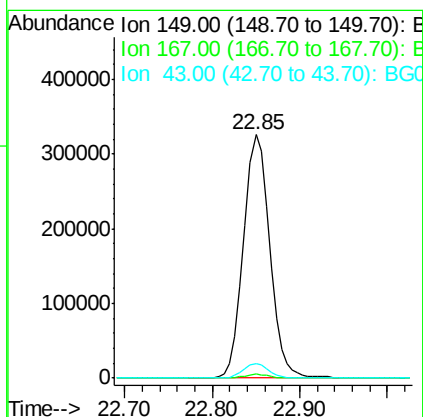
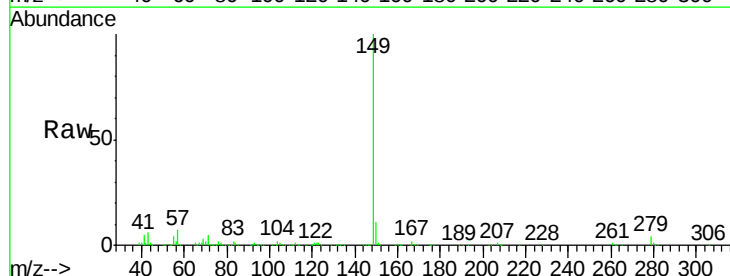
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

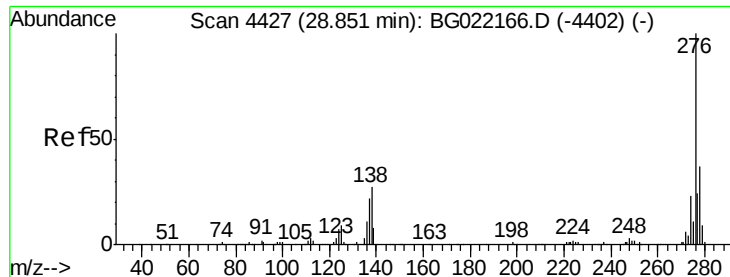
Tot Ion:149 Resp: 398323
Ion Ratio Lower Upper
149 100
167 26.6 22.4 33.6
279 3.8 3.2 4.8



#84
Di-n-octyl phthalate
Concen: 49.86 ng
RT: 22.85 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:149 Resp: 662562
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 6.1 9.8 14.6#

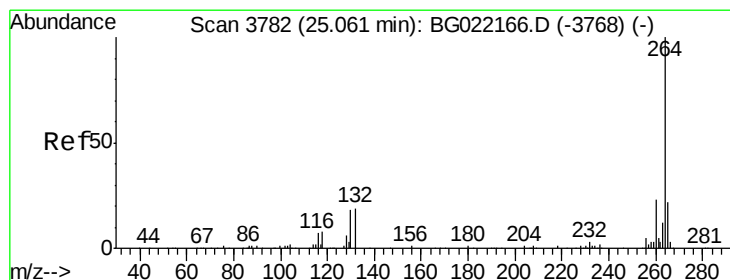
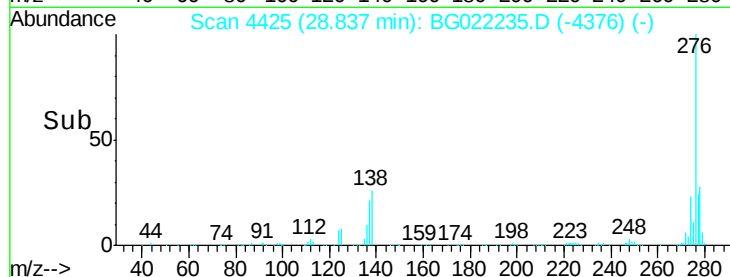
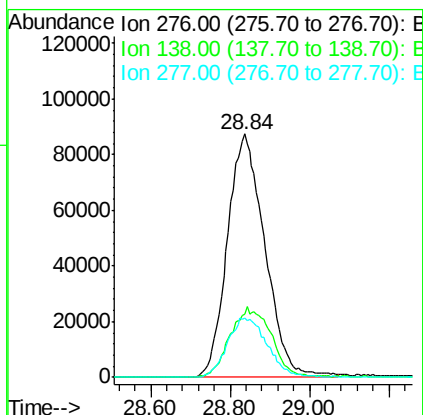
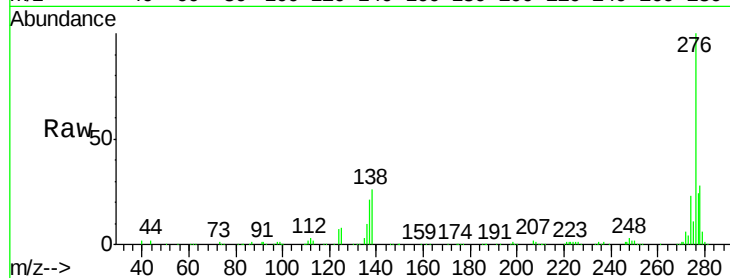




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.76 ng
 RT: 28.84 min Scan# 4425
 Delta R.T. -0.01 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

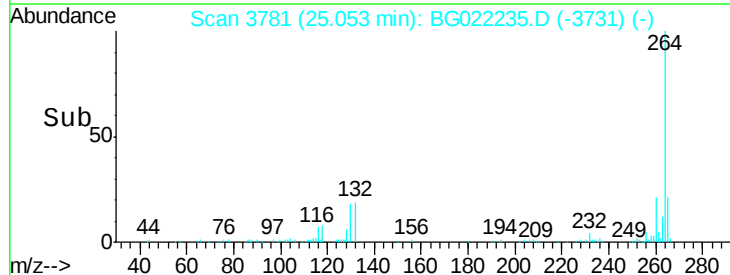
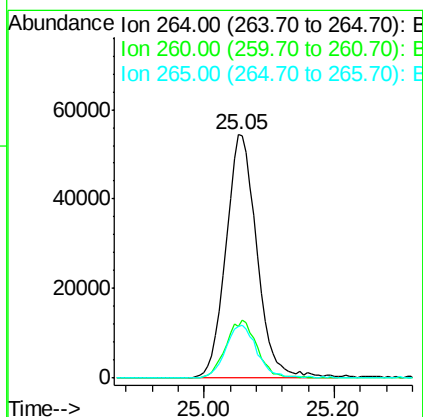
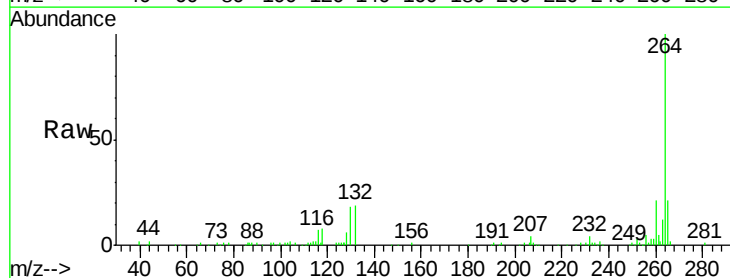
Instrument :
 BNA_G
 ClientSampleId :
 SB-16MSD

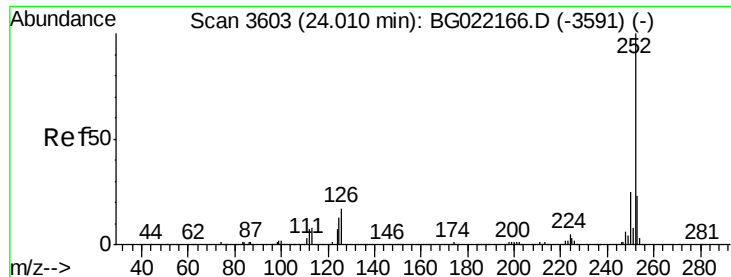
Tot Ion:276 Resp: 574943
 Ion Ratio Lower Upper
 276 100
 138 31.6 14.0 21.0#
 277 25.8 20.6 30.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.01 min
 Lab File: BG022235.D
 Acq: 8 Jun 2016 13:25

Tgt Ion:264 Resp: 179345
 Ion Ratio Lower Upper
 264 100
 260 21.1 20.2 30.4
 265 21.1 17.8 26.8

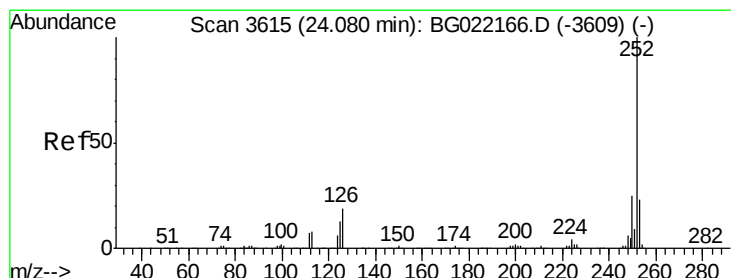
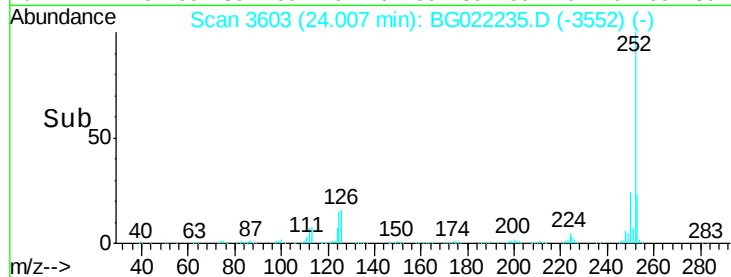
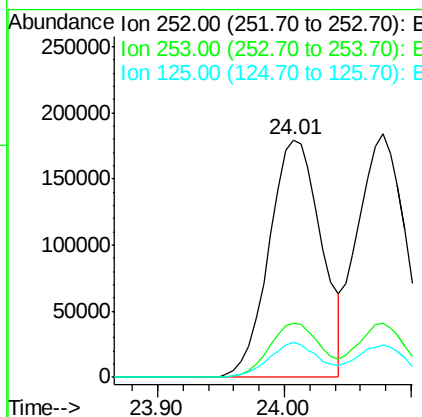
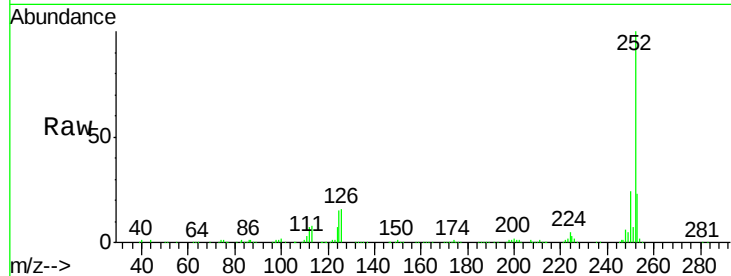




#87
Benzo(b)fluoranthene
Concen: 49.13 ng
RT: 24.01 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

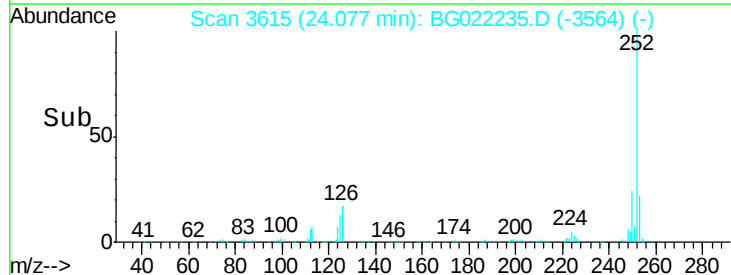
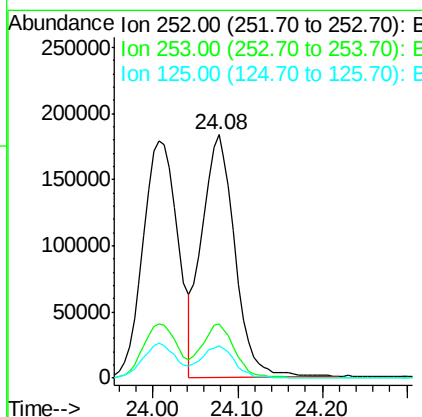
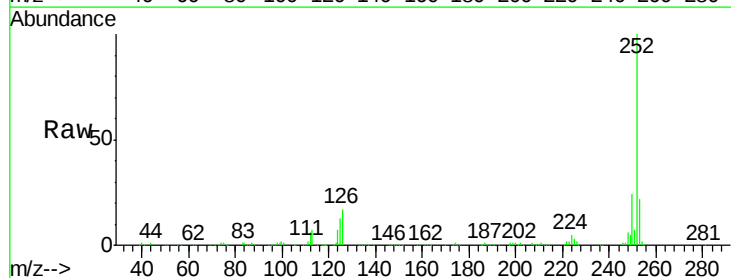
Instrument :
BNA_G
ClientSampleId :
SB-16MSD

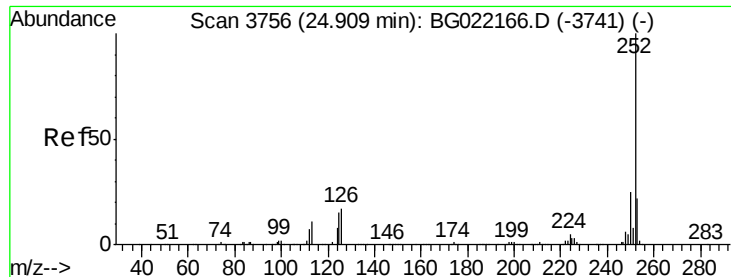
Tot Ion:252 Resp: 513928
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 14.6 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 48.42 ng
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG022235.D
Acq: 8 Jun 2016 13:25

Tgt Ion:252 Resp: 498530
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 13.1 8.3 12.5#





#89

Benzo(a)pyrene

Concen: 48.92 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

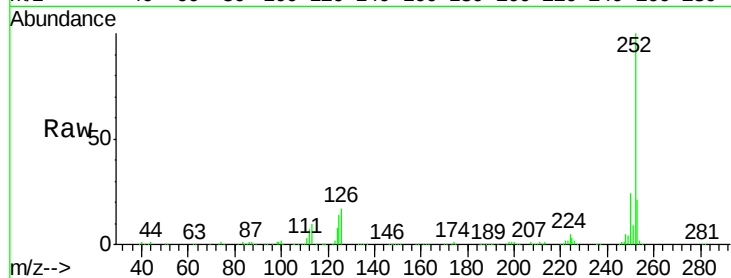
Tot Ion:252 Resp: 489292

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

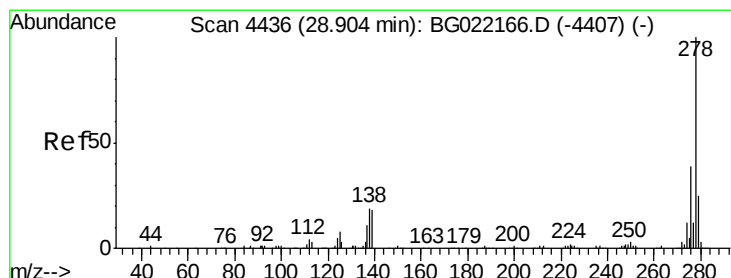
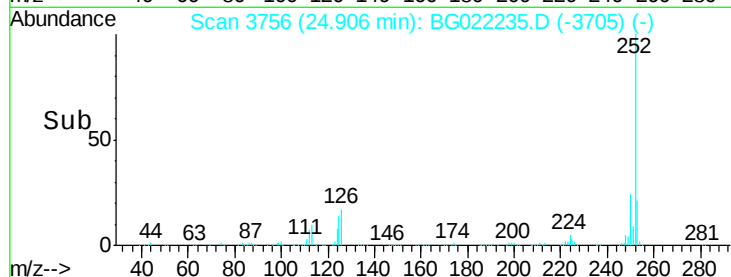
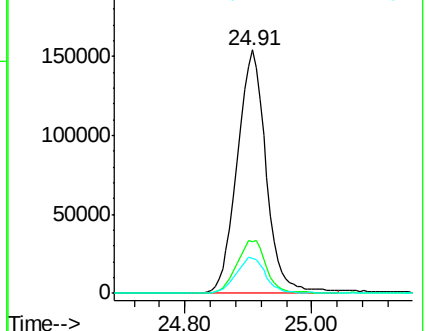
125 14.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.53 ng

RT: 28.89 min Scan# 4434

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

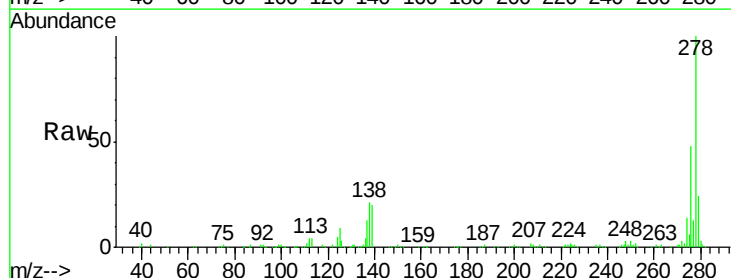
Tgt Ion:278 Resp: 466555

Ion Ratio Lower Upper

278 100

139 19.8 11.9 17.9#

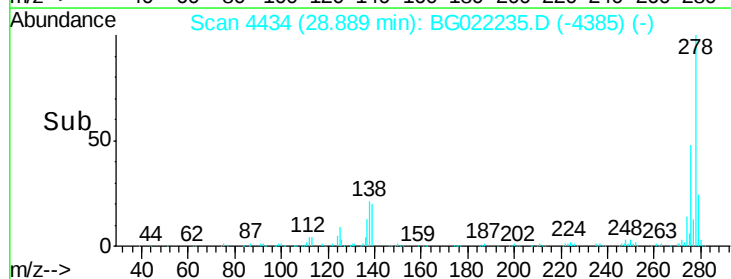
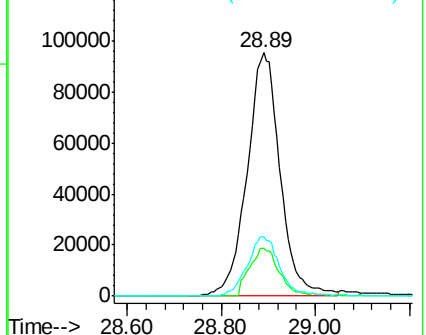
279 24.5 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.92 ng

RT: 30.01 min Scan# 4625

Delta R.T. -0.01 min

Lab File: BG022235.D

Acq: 8 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

SB-16MSD

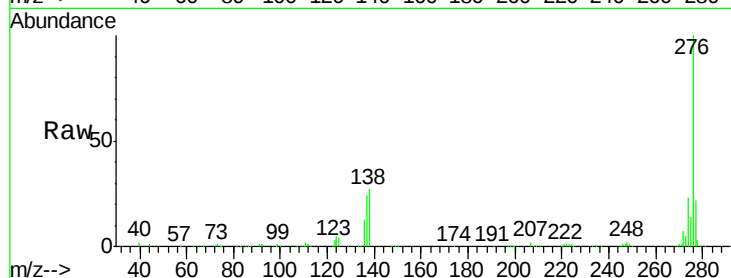
Tot Ion:276 Resp: 479445

Ion Ratio Lower Upper

276 100

277 22.1 19.4 29.2

138 27.3 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

