

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020130.D
 Acq On : 12 Dec 2015 6:32
 Operator : UM/SJ
 Sample : G4755-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

Quant Time: Dec 14 10:46:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19407	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	81967	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	60643	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	160019	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	179262	20.00	ng	-0.05
86) Perylene-d12	25.01	264	168419	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	170223	158.53	ng	-0.02
7) Phenol-d6	7.26	99	254781	157.15	ng	-0.02
23) Nitrobenzene-d5	9.27	82	163452	101.77	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	148679	160.23	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	391364	88.12	ng	-0.04
78) Terphenyl-d14	20.07	244	694635	94.52	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	16799	40.16	ng	# 100
3) Pyridine	3.91	79	52056	40.97	ng	# 90
4) n-Nitrosodimethylamine	3.82	42	27436	41.06	ng	90
6) Aniline	7.42	93	65165	31.04	ng	# 83
8) 2-Chlorophenol	7.66	128	67121	51.26	ng	97
9) Benzaldehyde	7.23	77	38438	35.55	ng	92
10) Phenol	7.28	94	94747	55.53	ng	83
11) bis(2-Chloroethyl)ether	7.51	93	60821	48.13	ng	92
12) 1,3-Dichlorobenzene	7.98	146	65810	44.34	ng	# 93
13) 1,4-Dichlorobenzene	8.14	146	68336	44.58	ng	96
14) 1,2-Dichlorobenzene	8.45	146	66875	45.74	ng	94
15) Benzyl Alcohol	8.34	79	70646	49.66	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	85465	41.47	ng	97
17) 2-Methylphenol	8.54	107	62977	52.28	ng	# 92
18) Hexachloroethane	9.19	117	25231	43.96	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	58321	45.61	ng	96
20) 3+4-Methylphenols	8.87	107	90413	53.30	ng	92
22) Acetophenone	8.92	105	106338	47.33	ng	# 94
24) Nitrobenzene	9.31	77	85558	49.11	ng	91
25) Isophorone	9.84	82	163393	47.45	ng	# 97
26) 2-Nitrophenol	10.02	139	38887	57.79	ng	# 75
27) 2,4-Dimethylphenol	10.08	122	73438	52.41	ng	90
28) bis(2-Chloroethoxy)methane	10.31	93	89641	53.28	ng	100
29) 2,4-Dichlorophenol	10.56	162	81568	56.98	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	77082	47.65	ng	96
31) Naphthalene	10.97	128	215381	49.05	ng	97
33) 4-Chloroaniline	11.07	127	42409	21.92	ng	# 89
34) Hexachlorobutadiene	11.25	225	53947	45.21	ng	97
35) Caprolactam	11.85	113	30433m	57.11	ng	
36) 4-Chloro-3-methylphenol	12.19	107	94397	52.95	ng	95
37) 2-Methylnaphthalene	12.57	142	163853	50.92	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	107602	46.76	ng	99
40) Hexachlorocyclopentadiene	12.91	237	130486	99.44	ng	98
42) 2,4,6-Trichlorophenol	13.17	196	78918	51.80	ng	99

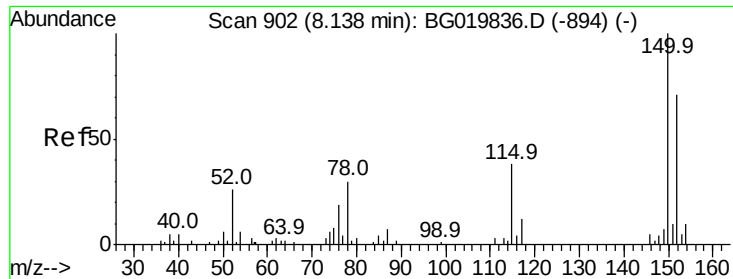
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.24	196	87766	54.50	nq	98
45) 1,1'-Biphenyl	13.57	154	226012	45.41	nq	98
46) 2-Chloronaphthalene	13.61	162	178064	46.42	nq	95
47) 2-Nitroaniline	13.81	65	67845	56.00	nq	90
48) Acenaphthylene	14.45	152	305003	46.68	nq	99
49) Dimethylphthalate	14.18	163	332433	60.94	nq	99
50) 2,6-Dinitrotoluene	14.30	165	57758	56.32	nq	# 80
51) Acenaphthene	14.79	154	183412	46.26	nq	97
52) 3-Nitroaniline	14.63	138	36596	34.34	nq	94
53) 2,4-Dinitrophenol	14.84	184	42457	78.05	nq	88
54) Dibenzofuran	15.12	168	307272	52.09	nq	95
55) 4-Nitrophenol	14.94	139	100188	107.96	nq	# 71
56) 2,4-Dinitrotoluene	15.09	165	85690	59.88	nq	# 99
57) Fluorene	15.78	166	249832	47.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	85860	57.61	nq	97
59) Diethylphthalate	15.54	149	270740	45.86	nq	99
60) 4-Chlorophenyl-phenylether	15.76	204	138378	45.65	nq	98
61) 4-Nitroaniline	15.79	138	62855	52.45	nq	# 75
62) Azobenzene	16.06	77	240902	49.04	nq	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	52441	57.02	nq	94
65) n-Nitrosodiphenylamine	15.98	169	231854	50.07	nq	94
66) 4-Bromophenyl-phenylether	16.66	248	95380	47.97	nq	97
67) Hexachlorobenzene	16.77	284	101760	49.13	nq	97
68) Atrazine	16.92	200	99291	49.35	nq	95
69) Pentachlorophenol	17.12	266	132285	109.42	nq	93
70) Phenanthrene	17.51	178	434154	47.95	nq	97
71) Anthracene	17.60	178	441777	47.91	nq	96
72) Carbazole	17.87	167	396297	48.78	nq	98
73) Di-n-butylphthalate	18.42	149	447939	44.99	nq	99
74) Fluoranthene	19.52	202	542090	46.81	nq	94
76) Benzidine	19.69	184	207838	35.30	nq	96
77) Pyrene	19.88	202	551456	52.29	nq	96
79) Butylbenzylphthalate	20.75	149	197319	47.73	nq	98
80) Benzo(a)anthracene	21.72	228	528019	48.12	nq	99
81) 3,3'-Dichlorobenzidine	21.63	252	98627	23.60	nq	# 98
82) Chrysene	21.79	228	475759	45.66	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	282276	46.53	nq	# 99
84) Di-n-octyl phthalate	22.84	149	489380	49.62	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.75	276	588840	51.31	nq	# 100
87) Benzo(b)fluoranthene	23.97	252	521296	48.84	nq	# 94
88) Benzo(k)fluoranthene	24.04	252	486257	46.00	nq	# 95
89) Benzo(a)pyrene	24.86	252	492274	48.58	nq	# 96
90) Dibenzo(a,h)anthracene	28.81	278	490821	49.02	nq	# 92
91) Benzo(g,h,i)perylene	29.92	276	483227	49.15	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

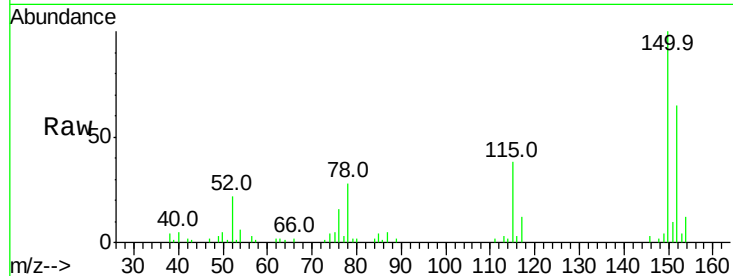
Tot Ion:152 Resp: 19407

Ion Ratio Lower Upper

152 100

150 153.7 115.0 172.4

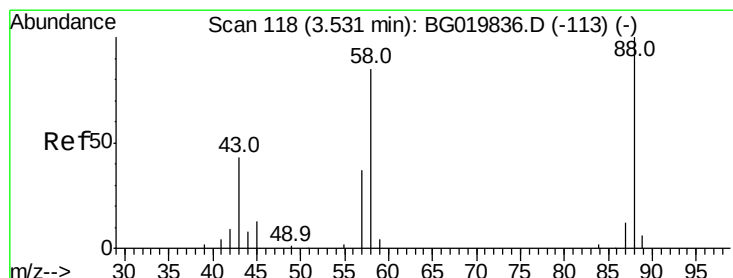
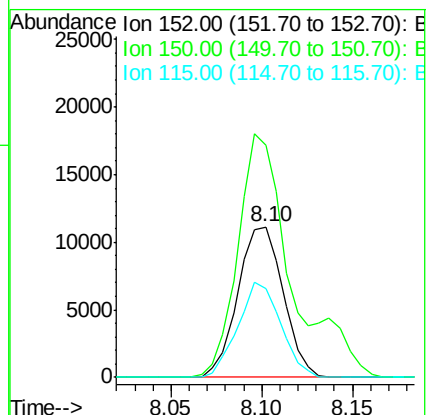
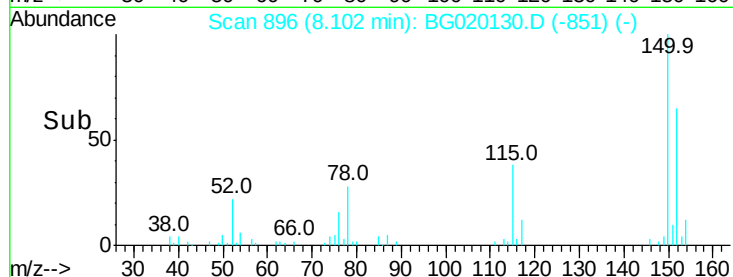
115 58.8 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.16 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.02 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

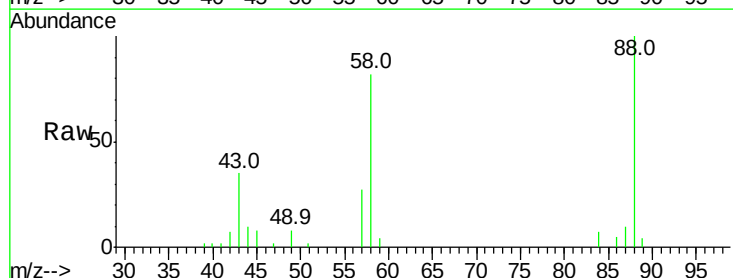
Tgt Ion: 88 Resp: 16799

Ion Ratio Lower Upper

88 100

58 84.4 0.0 0.0#

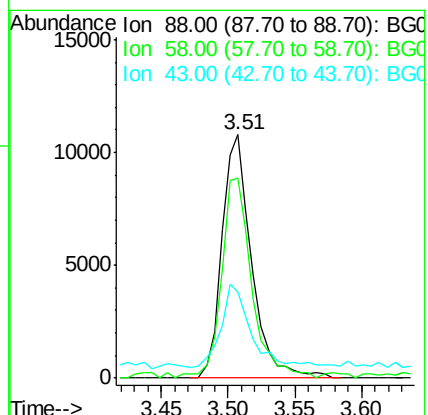
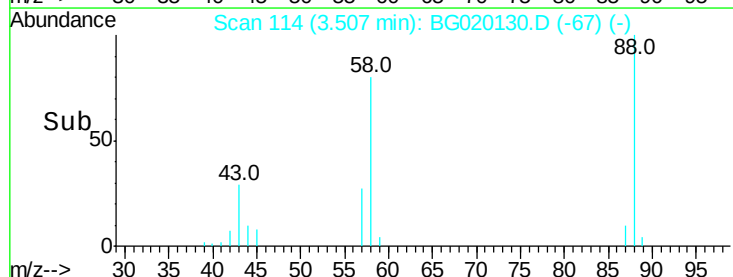
43 33.0 0.0 0.0#

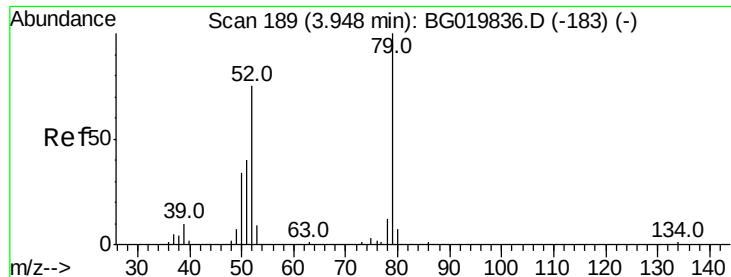


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.97 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

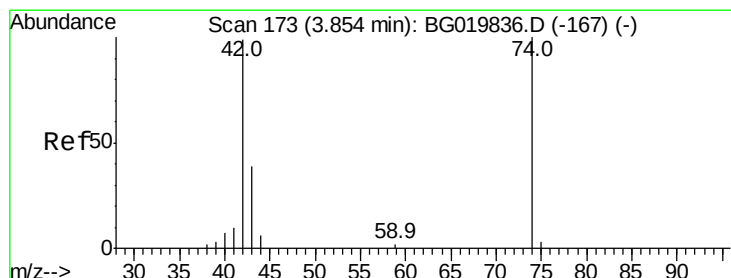
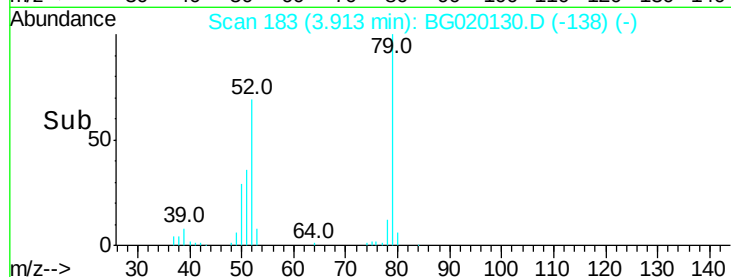
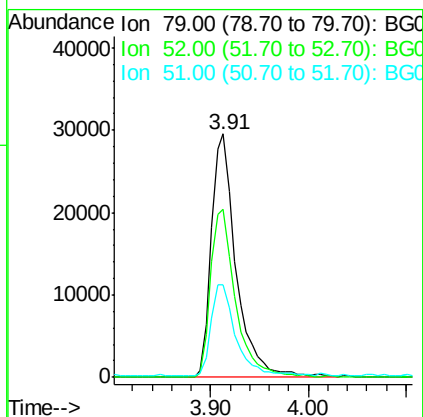
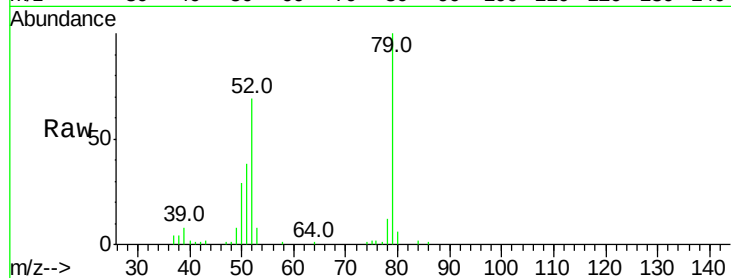
Tot Ion: 79 Resp: 52056

Ion Ratio Lower Upper

79 100

52 69.3 50.3 75.5

51 37.9 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 41.06 ng

RT: 3.82 min Scan# 168

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

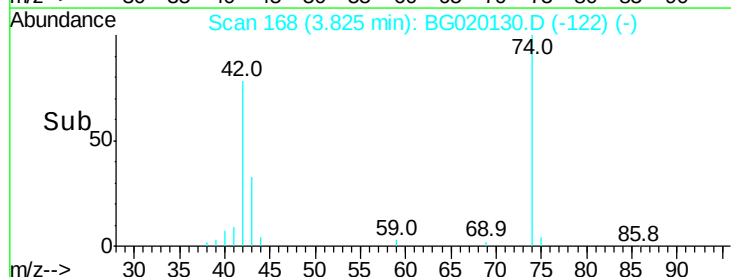
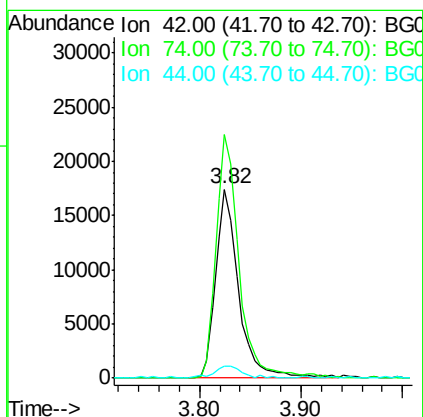
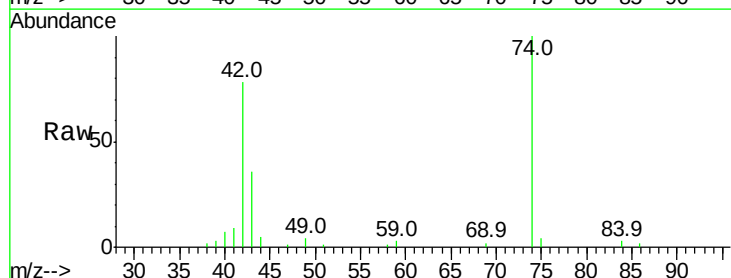
Tgt Ion: 42 Resp: 27436

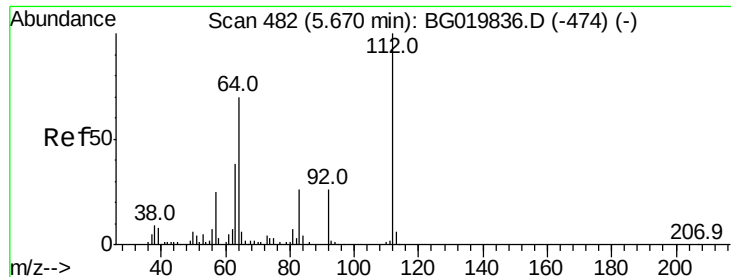
Ion Ratio Lower Upper

42 100

74 129.0 113.9 170.9

44 6.4 5.7 8.5





#5

2-Fluorophenol

Concen: 158.53 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

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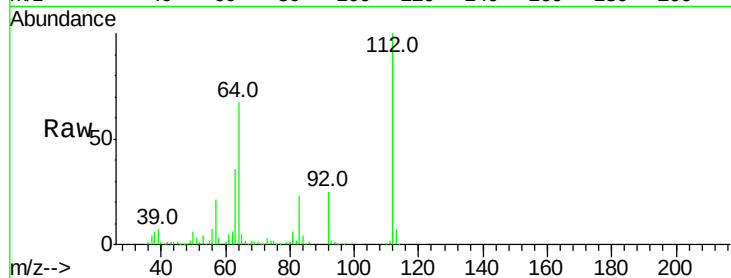
Tot Ion:112 Resp: 170223

Ion Ratio Lower Upper

112 100

64 66.7 43.7 65.5#

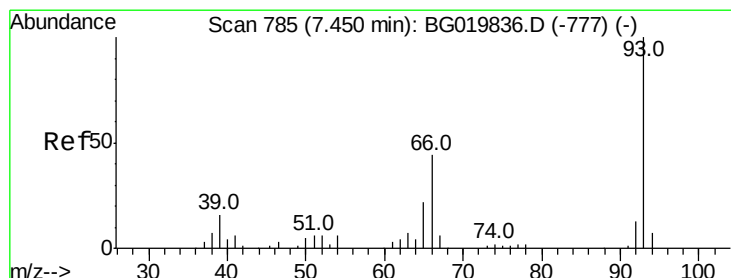
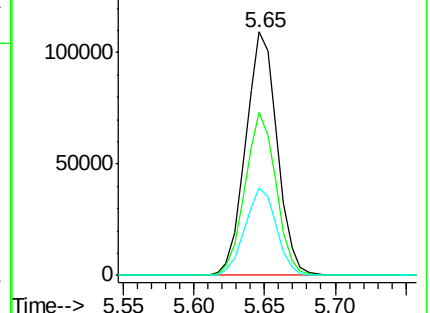
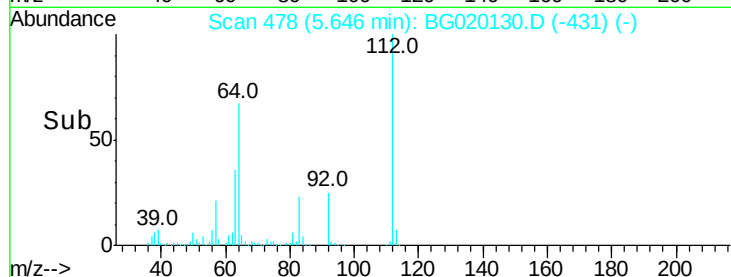
63 35.8 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.04 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

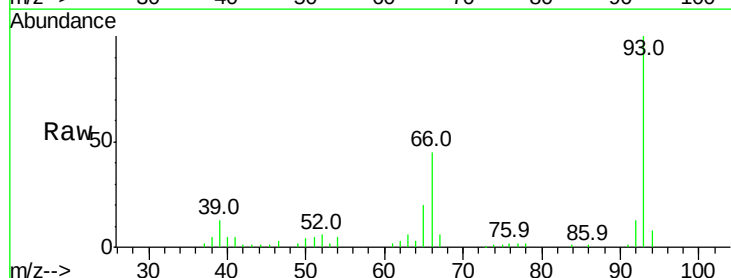
Tgt Ion: 93 Resp: 65165

Ion Ratio Lower Upper

93 100

66 45.2 26.2 39.2#

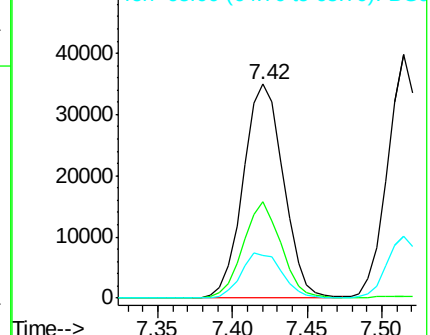
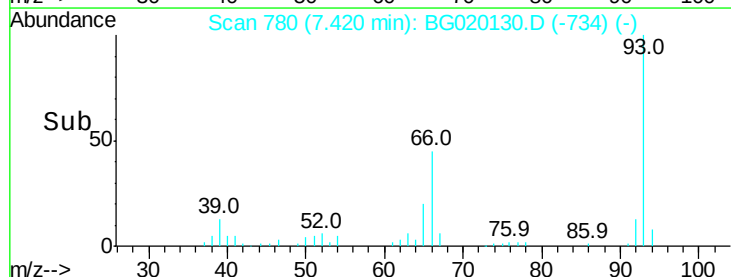
65 20.2 14.0 21.0

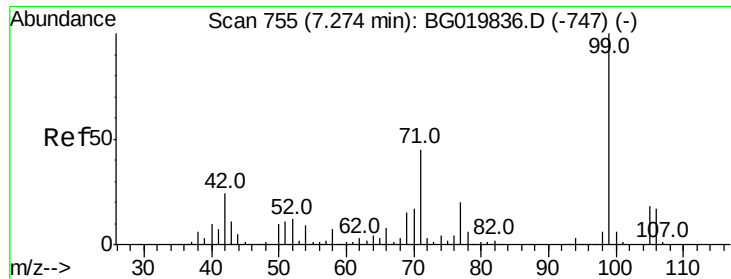


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.15 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

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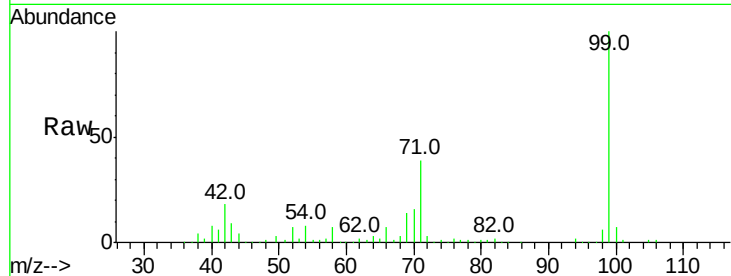
Tot Ion: 99 Resp: 254781

Ion Ratio Lower Upper

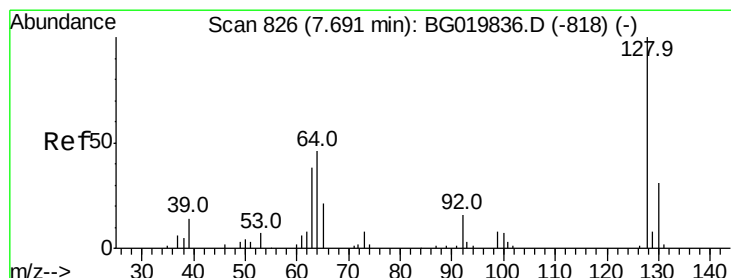
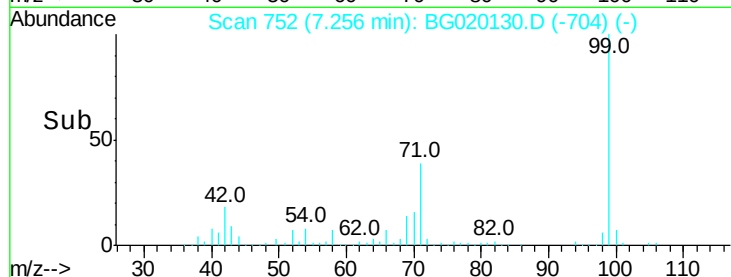
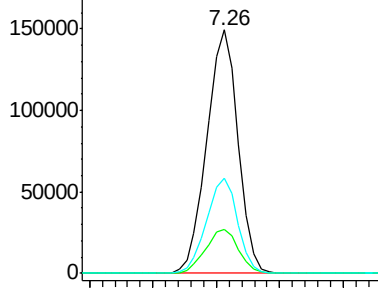
99 100

42 18.1 11.5 17.3#

71 38.8 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 51.26 ng

RT: 7.66 min Scan# 821

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

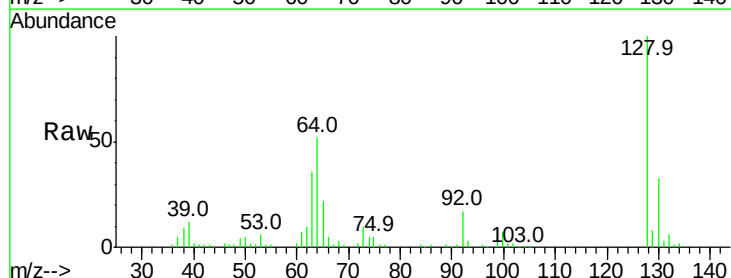
Tgt Ion: 128 Resp: 67121

Ion Ratio Lower Upper

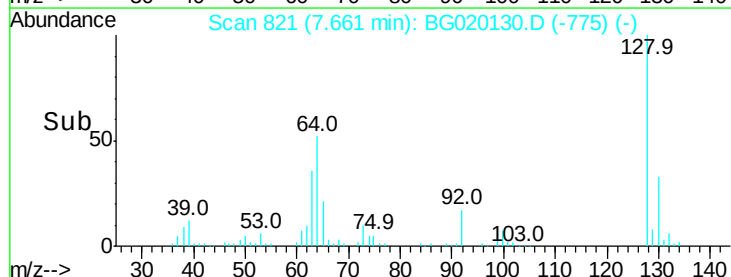
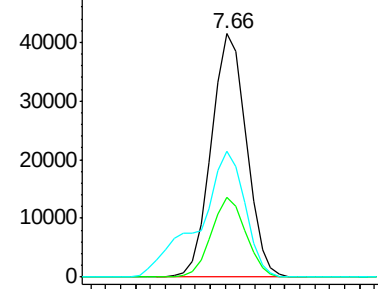
128 100

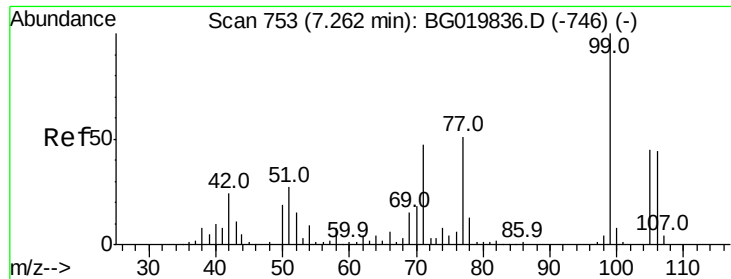
130 33.0 13.0 53.0

64 51.5 28.2 68.2



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





#9

Benzaldehyde

Concen: 35.55 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

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ClientSampleId :

121015-D534-E-U-MMSD

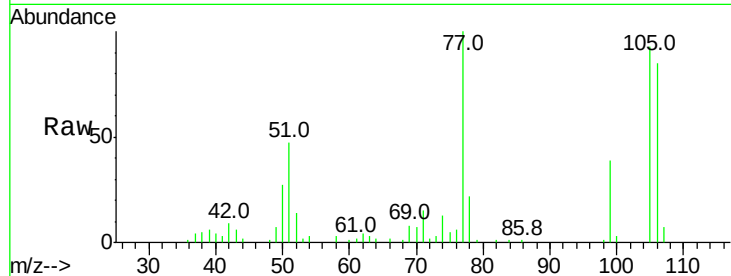
Tot Ion: 77 Resp: 38438

Ion Ratio Lower Upper

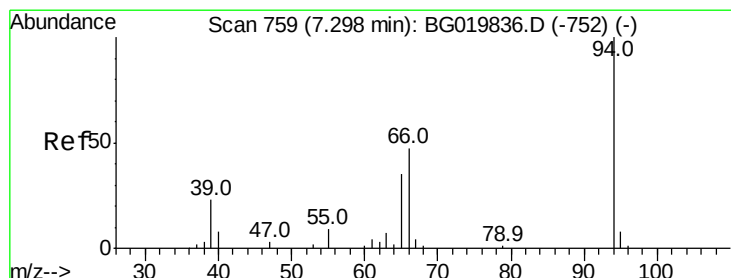
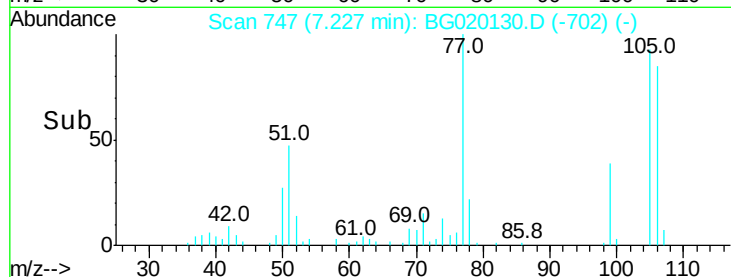
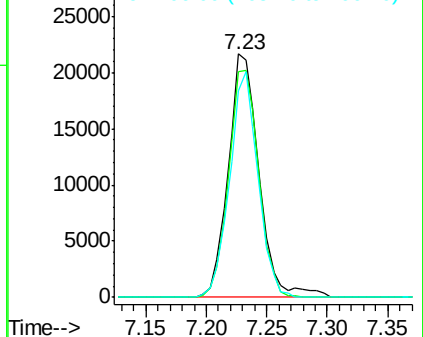
77 100

105 92.8 77.7 117.7

106 84.9 75.8 115.8



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: 55.53 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.02 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

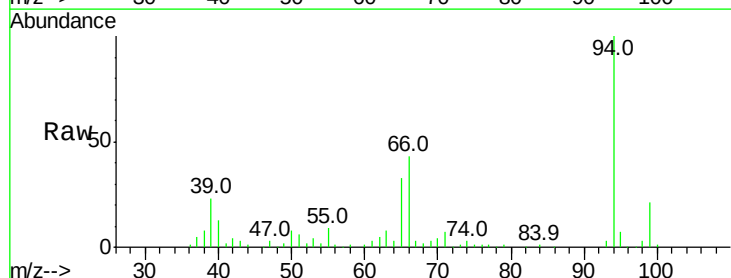
Tgt Ion: 94 Resp: 94747

Ion Ratio Lower Upper

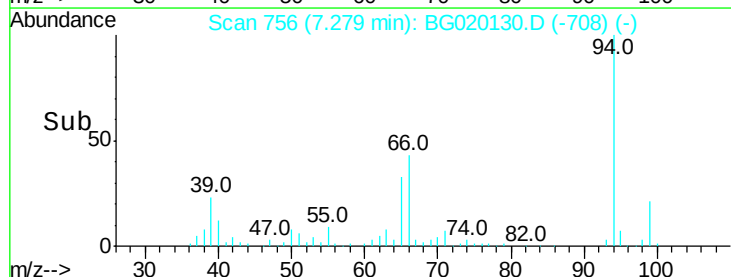
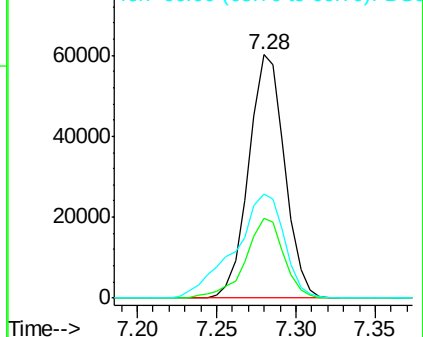
94 100

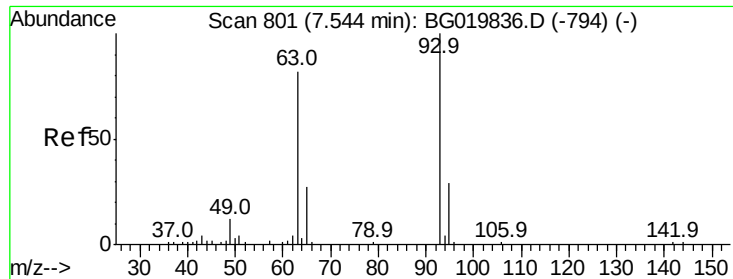
65 32.7 5.4 45.4

66 42.6 11.8 51.8



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: 48.13 ng

RT: 7.51 min Scan# 796

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

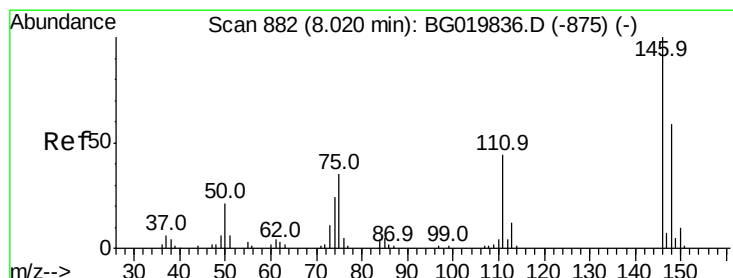
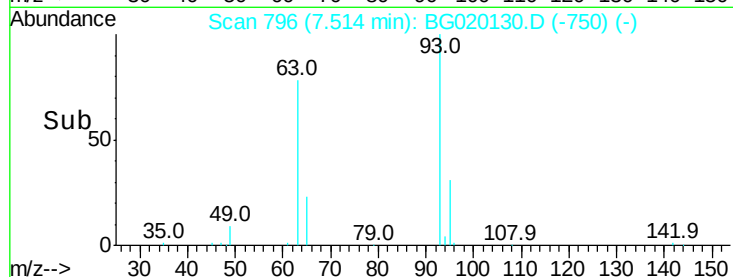
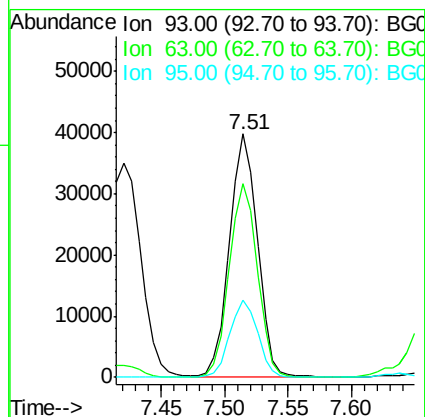
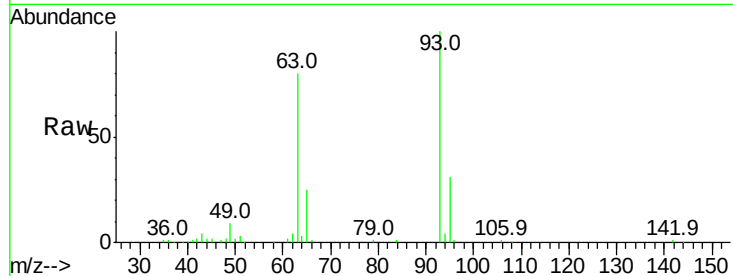
Tot Ion: 93 Resp: 60821

Ion Ratio Lower Upper

93 100

63 79.6 50.5 90.5

95 31.5 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 44.34 ng

RT: 7.98 min Scan# 876

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

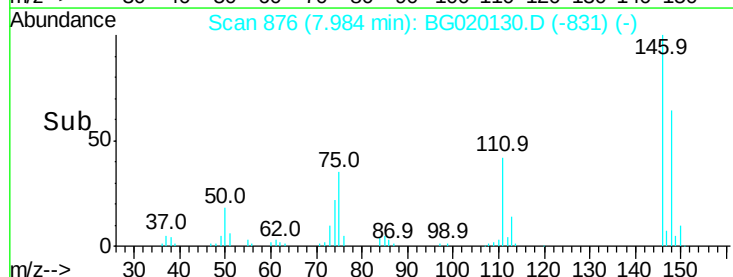
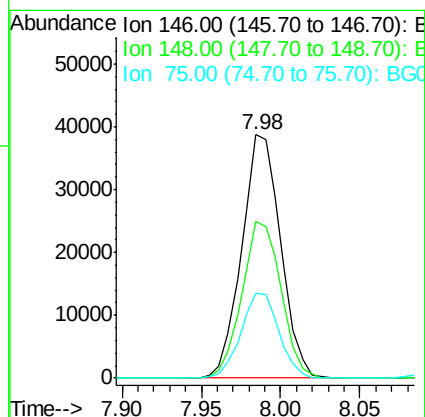
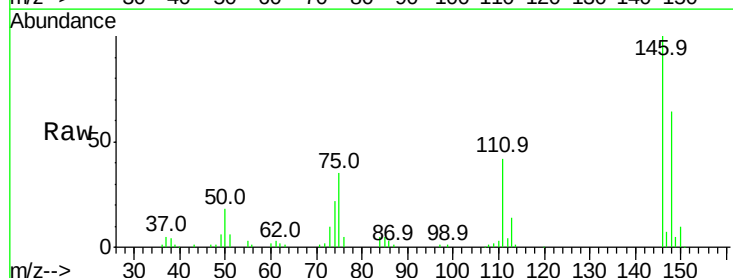
Tgt Ion: 146 Resp: 65810

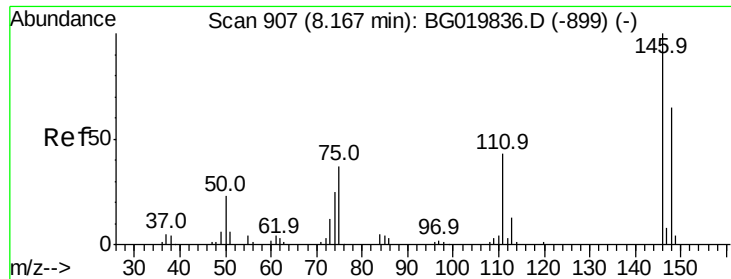
Ion Ratio Lower Upper

146 100

148 64.1 53.4 80.0

75 34.6 21.1 31.7#

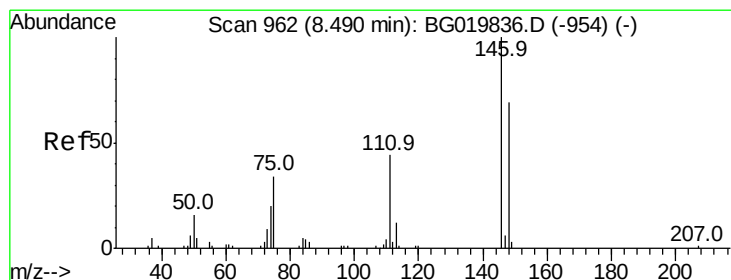
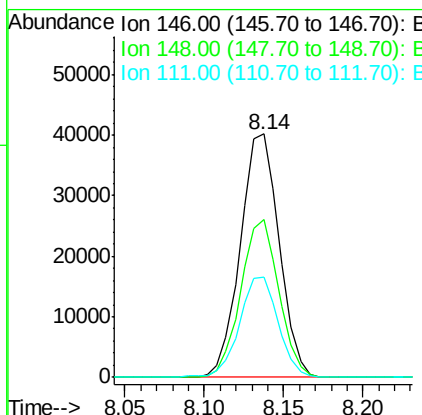
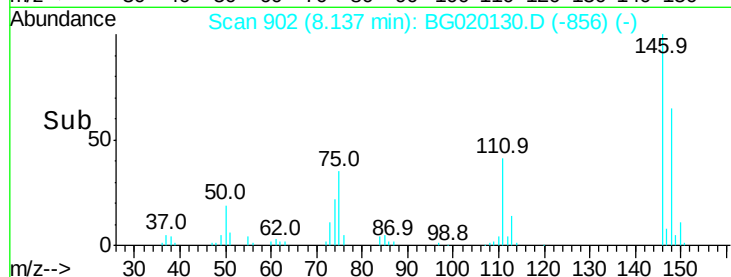
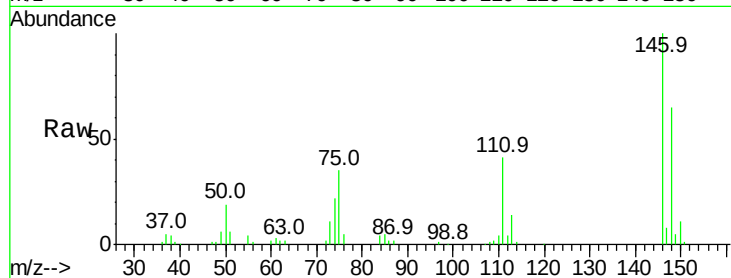




#13
 1,4-Dichlorobenzene
 Concen: 44.58 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.03 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

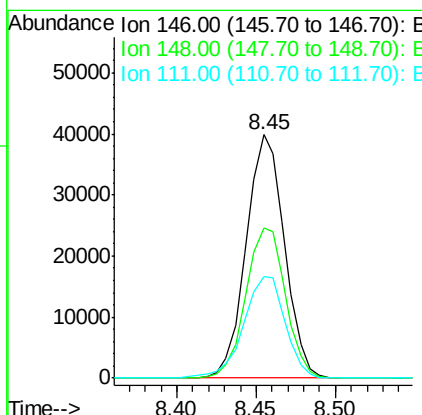
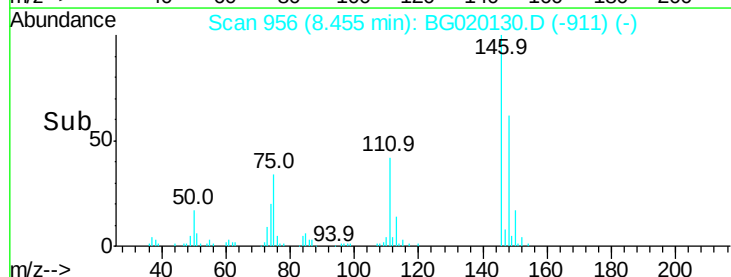
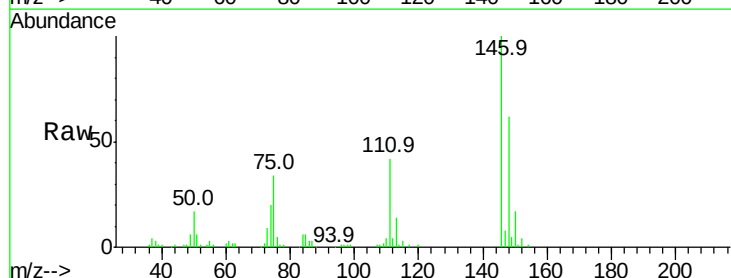
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

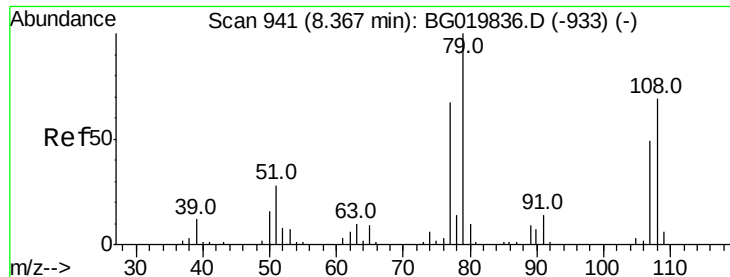
Tot Ion:146 Resp: 68336
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.5 78.7
 111 41.4 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 45.74 ng
 RT: 8.45 min Scan# 956
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Tgt Ion:146 Resp: 66875
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.5 78.7
 111 41.8 29.9 44.9

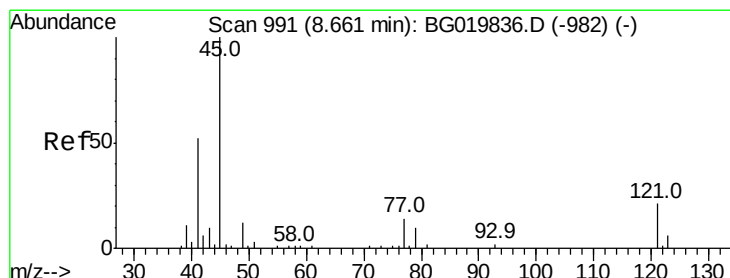
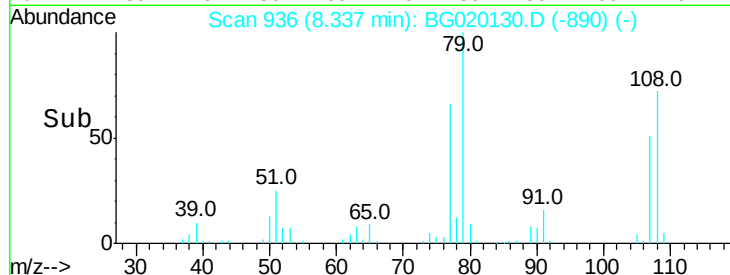
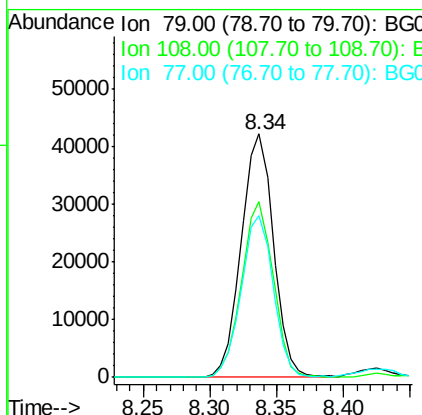
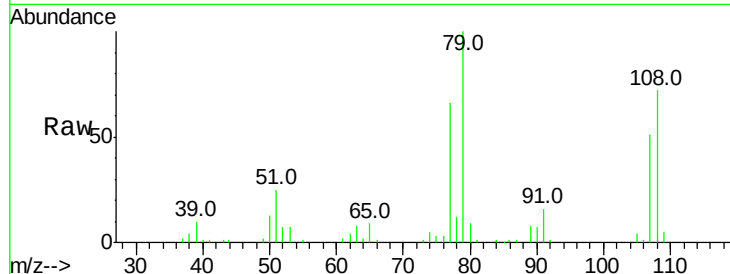




#15
Benzyl Alcohol
Concen: 49.66 ng
RT: 8.34 min Scan# 936
Delta R.T. -0.03 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

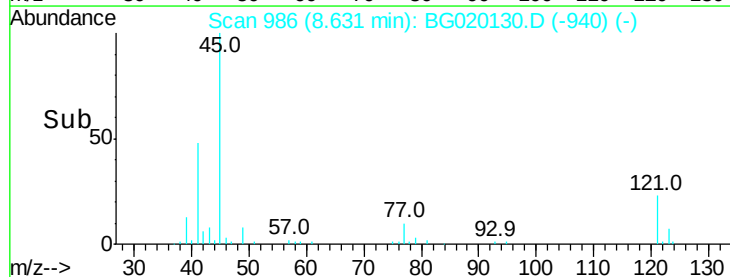
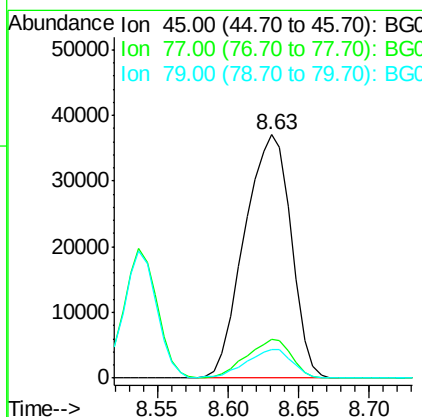
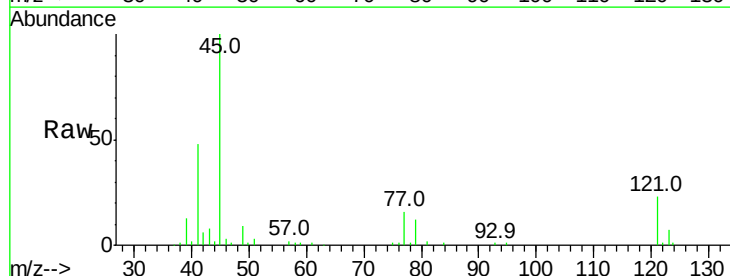
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

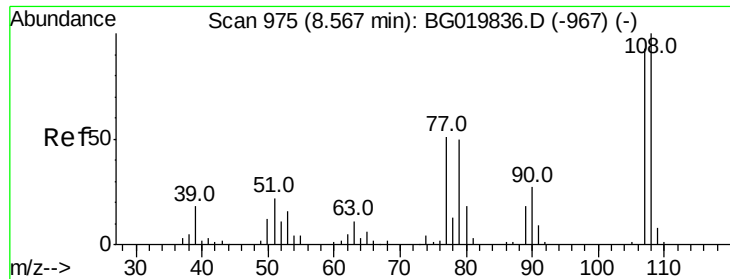
Tot Ion: 79 Resp: 70646
Ion Ratio Lower Upper
79 100
108 72.3 65.5 98.3
77 66.4 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.47 ng
RT: 8.63 min Scan# 986
Delta R.T. -0.03 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion: 45 Resp: 85465
Ion Ratio Lower Upper
45 100
77 16.0 0.0 37.0
79 12.0 0.0 33.8





#17

2-Methylphenol

Concen: 52.28 ng

RT: 8.54 min Scan# 970

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

Tot Ion:107 Resp: 62977

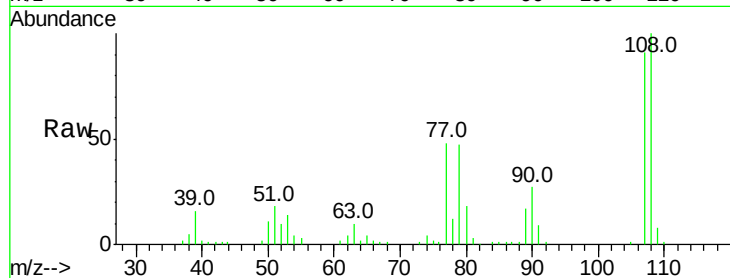
Ion Ratio Lower Upper

107 100

108 110.2 86.5 129.7

77 52.6 34.6 51.8#

79 51.9 32.3 48.5#

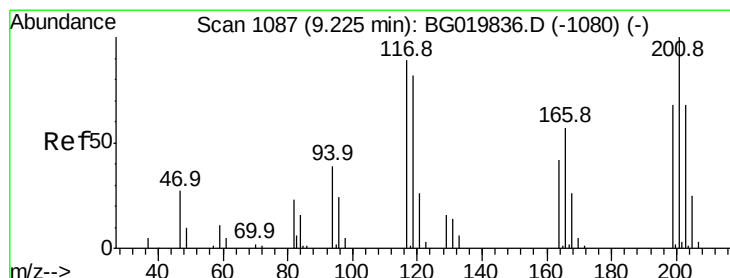
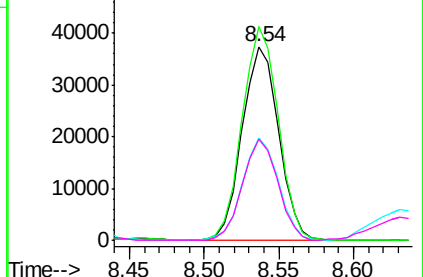
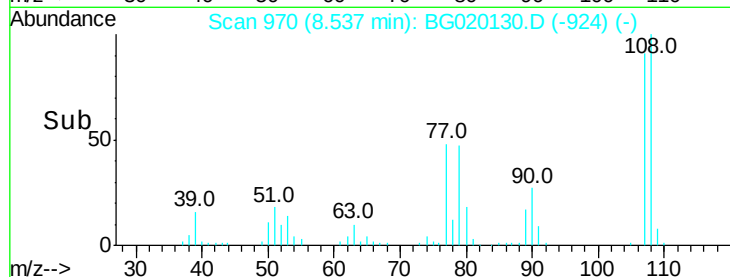


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.96 ng

RT: 9.19 min Scan# 1081

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

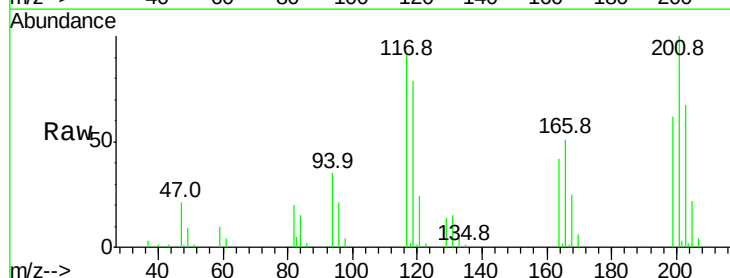
Tgt Ion:117 Resp: 25231

Ion Ratio Lower Upper

117 100

119 87.1 71.7 107.5

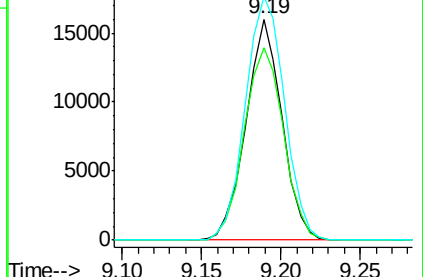
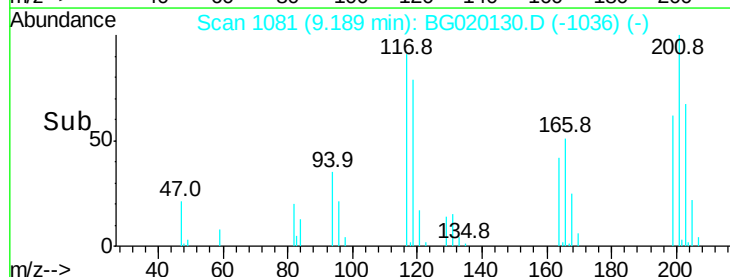
201 110.1 90.9 136.3

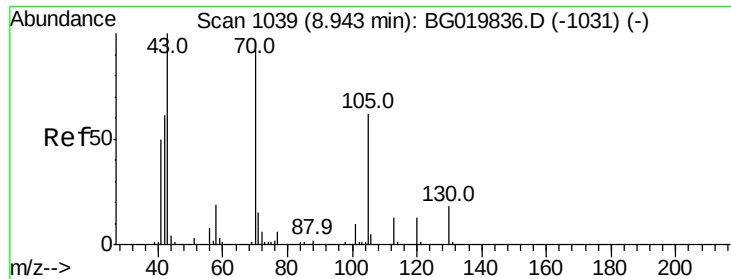


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

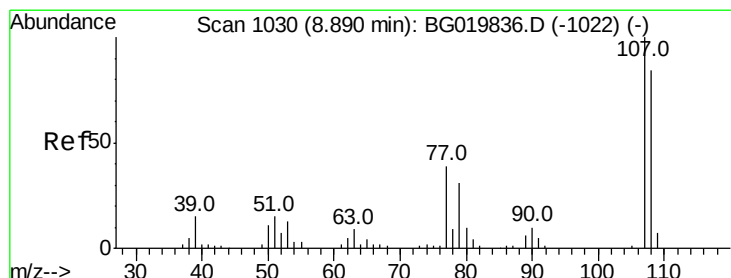
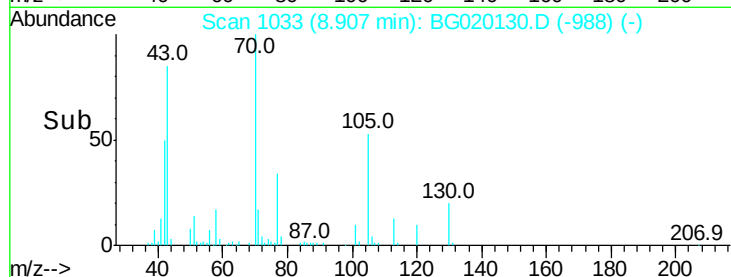
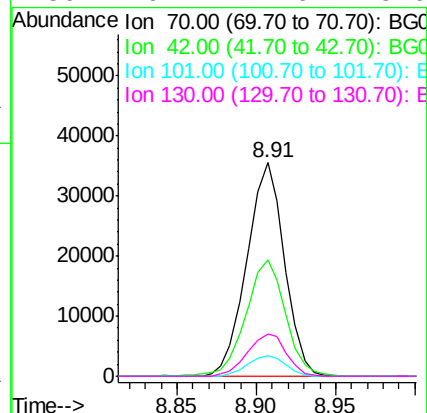
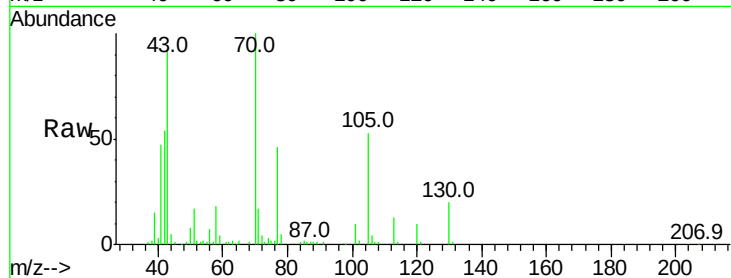




#19
n-Nitroso-di-n-propylamine
Concen: 45.61 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

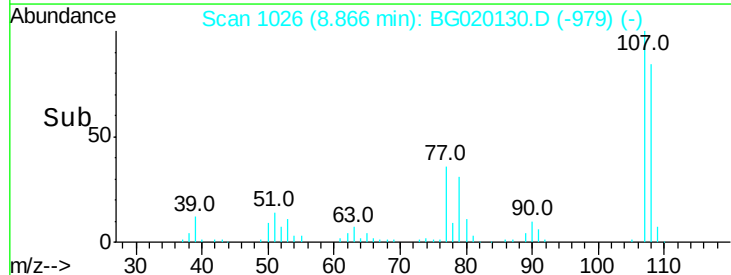
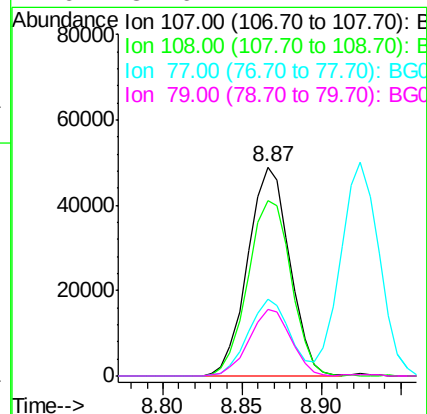
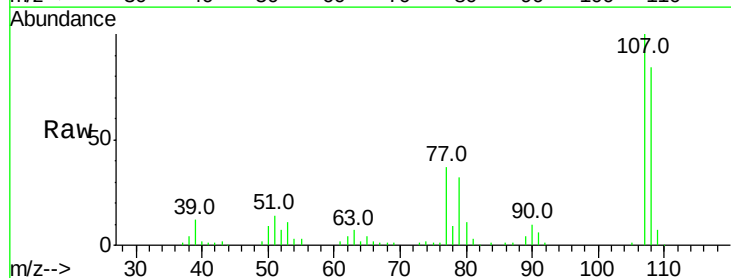
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

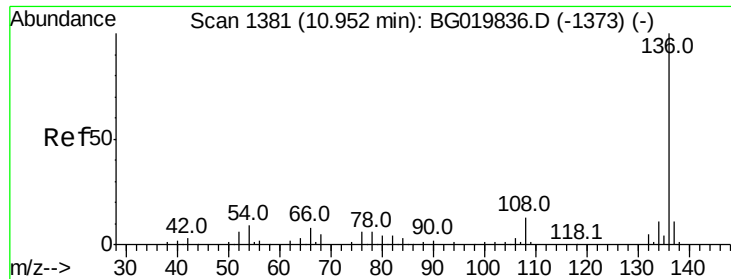
Tot Ion: 70 Resp: 58321
Ion Ratio Lower Upper
70 100
42 54.4 40.6 60.8
101 9.8 8.6 13.0
130 20.1 17.0 25.6



#20
3+4-Methylphenols
Concen: 53.30 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion: 107 Resp: 90413
Ion Ratio Lower Upper
107 100
108 83.7 72.2 112.2
77 36.9 13.4 53.4
79 31.6 7.2 47.2

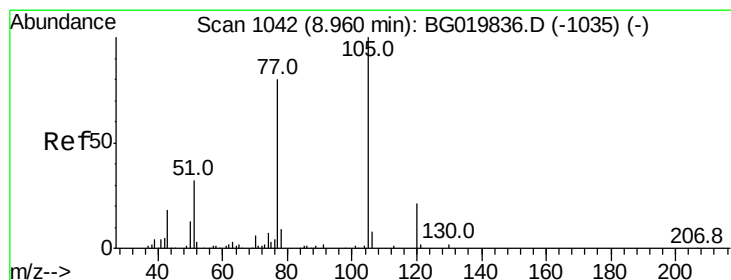
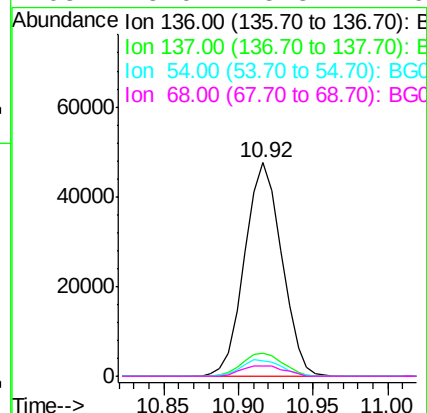
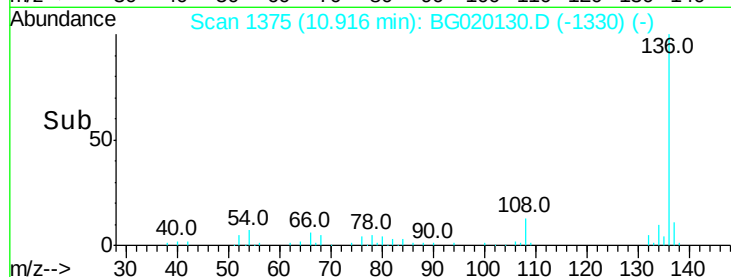
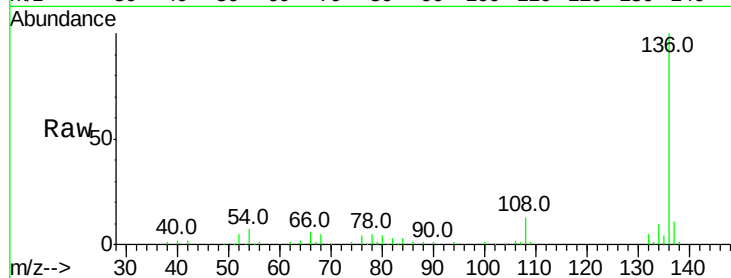




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

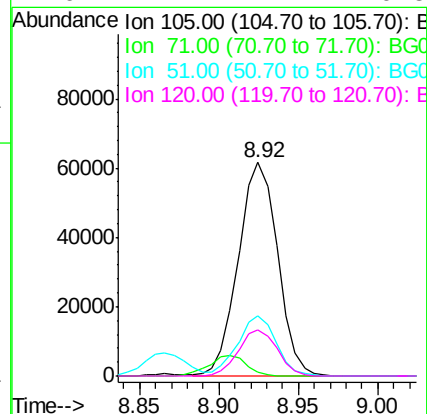
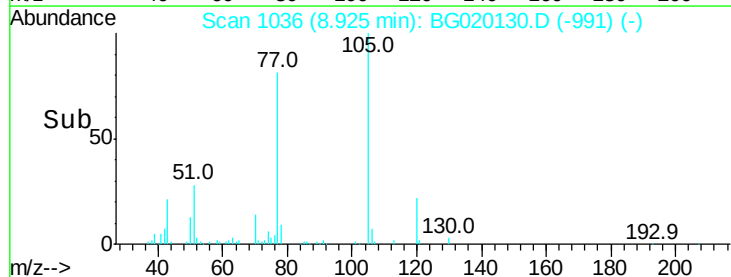
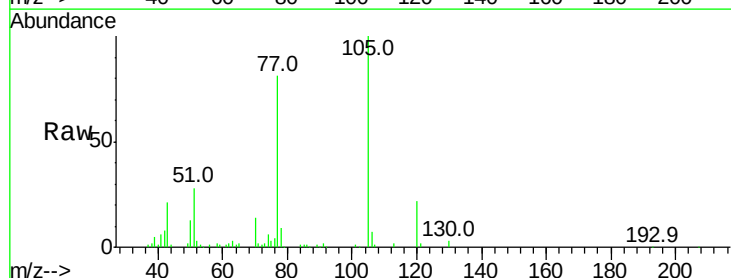
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

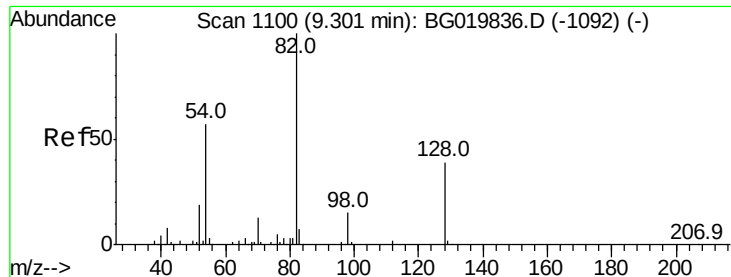
Tot Ion:136	Resp:	81967
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 12.8
54	7.5	5.4 8.2
68	5.0	5.3 7.9#



#22
Acetophenone
Concen: 47.33 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion:105	Resp:	106338
Ion Ratio	Lower	Upper
105	100	
71	2.1	2.1 3.1#
51	28.0	17.8 26.8#
120	21.7	17.7 26.5

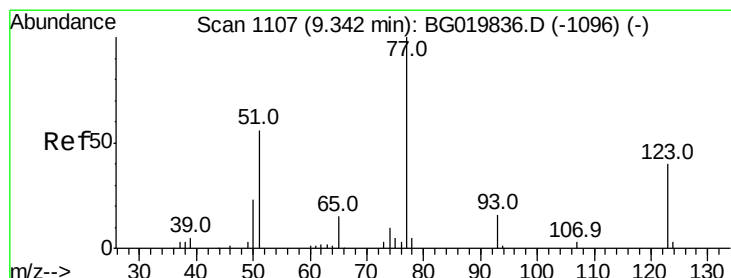
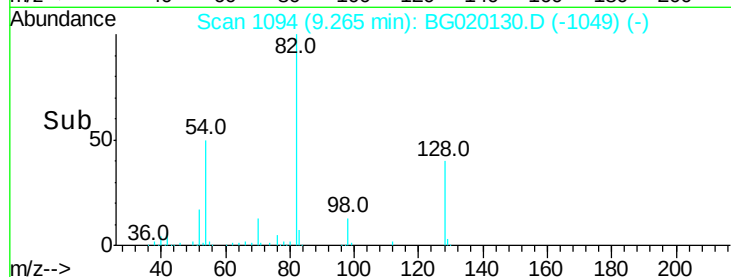
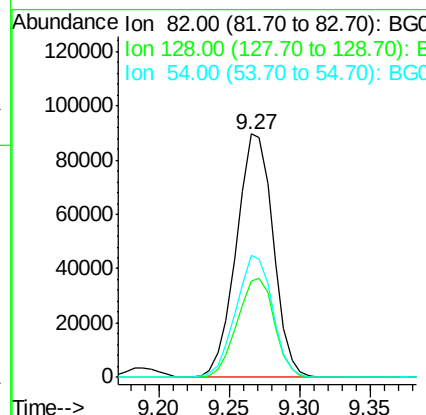
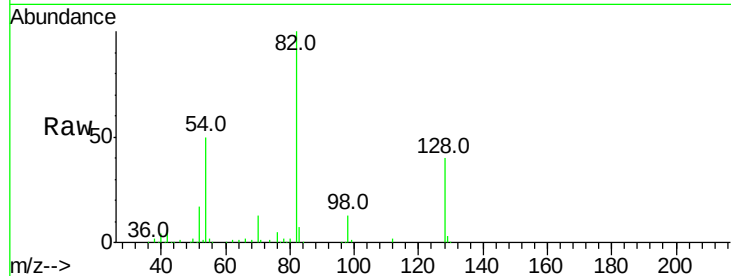




#23
 Nitrobenzene-d5
 Concen: 101.77 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

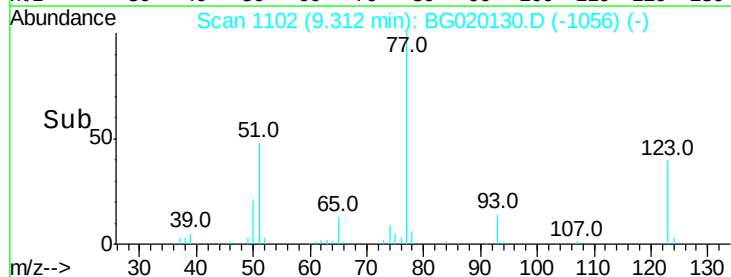
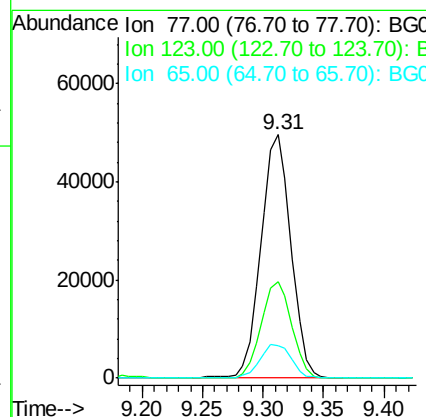
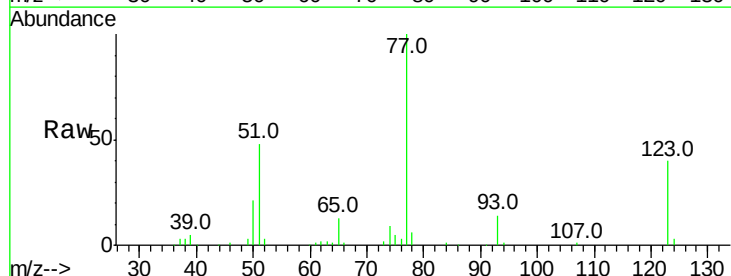
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

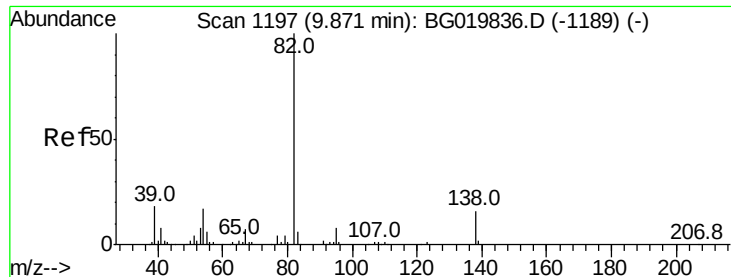
Tot Ion: 82 Resp: 163452
 Ion Ratio Lower Upper
 82 100
 128 39.7 36.7 55.1
 54 50.0 33.8 50.8



#24
 Nitrobenzene
 Concen: 49.11 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Tgt Ion: 77 Resp: 85558
 Ion Ratio Lower Upper
 77 100
 123 39.8 38.2 57.2
 65 13.2 10.6 16.0





#25

Isophorone

Concen: 47.45 ng

RT: 9.84 min Scan# 1191

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

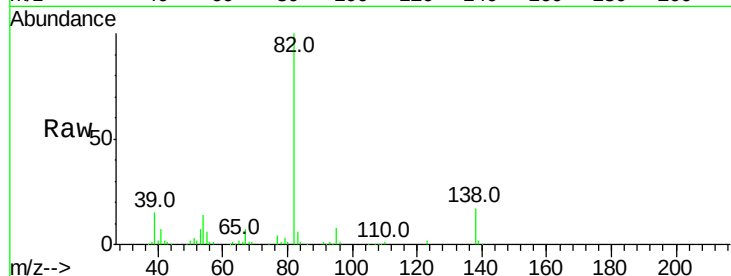
Tot Ion: 82 Resp: 163393

Ion Ratio Lower Upper

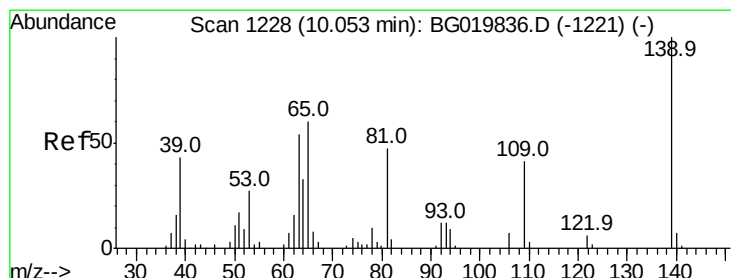
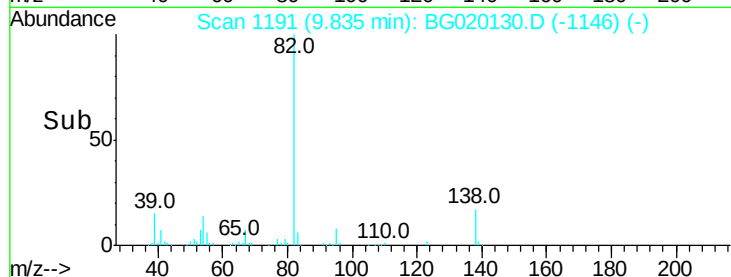
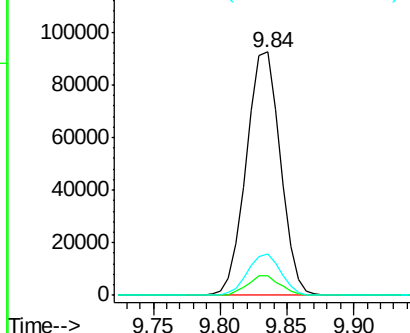
82 100

95 7.8 5.2 7.8#

138 16.8 14.4 21.6



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: 57.79 ng

RT: 10.02 min Scan# 1223

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

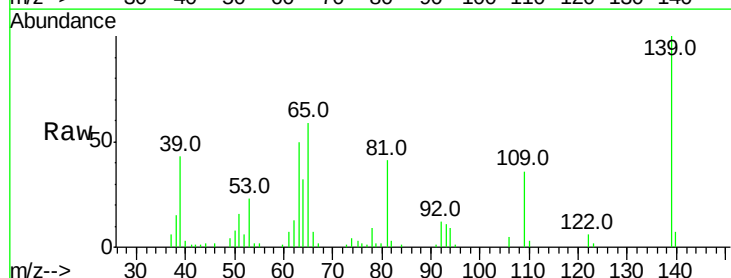
Tgt Ion: 139 Resp: 38887

Ion Ratio Lower Upper

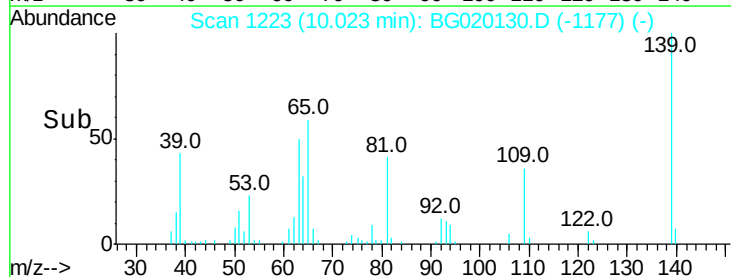
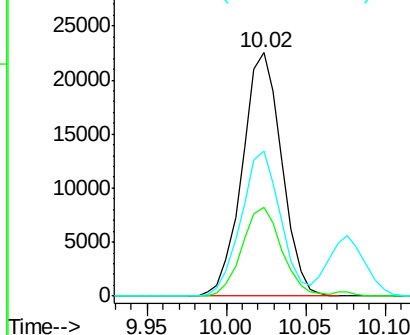
139 100

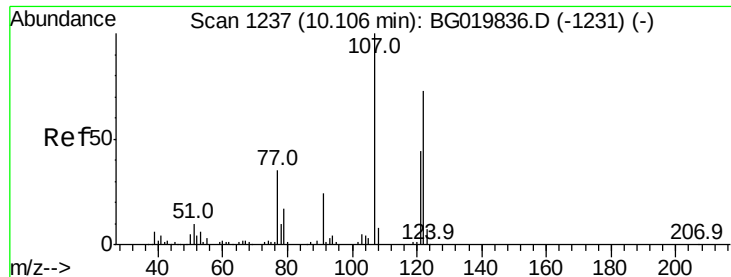
109 36.5 20.1 30.1#

65 59.4 34.1 51.1#



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

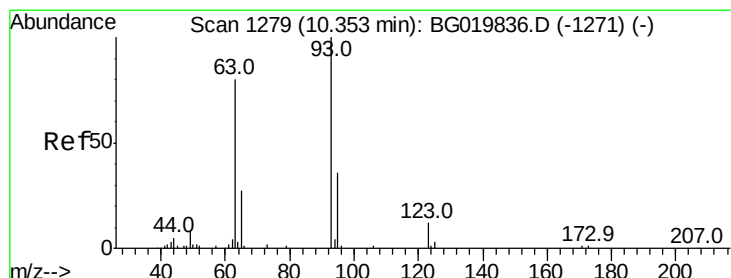
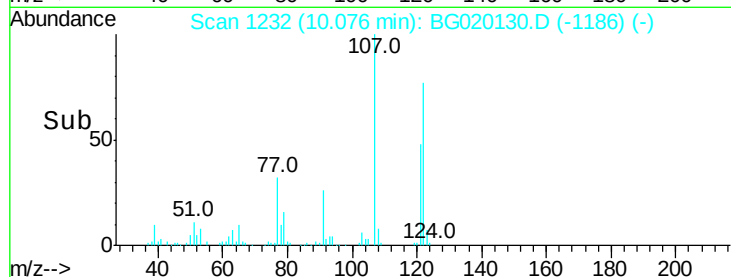
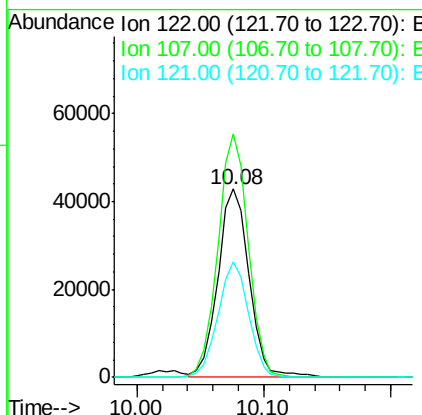
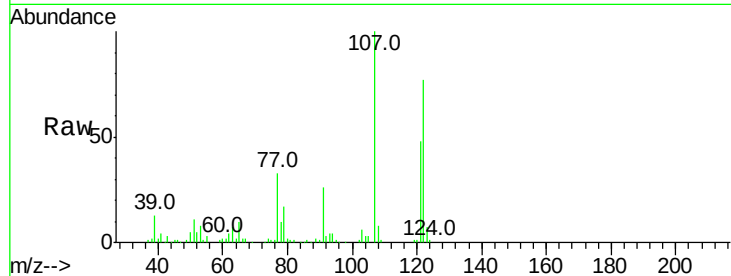




#27
 2,4-Dimethylphenol
 Concen: 52.41 ng
 RT: 10.08 min Scan# 1232
 Delta R.T. -0.03 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

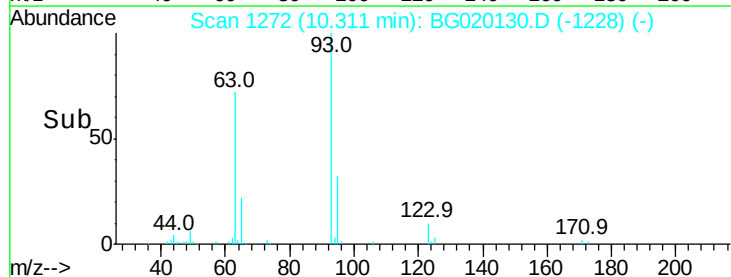
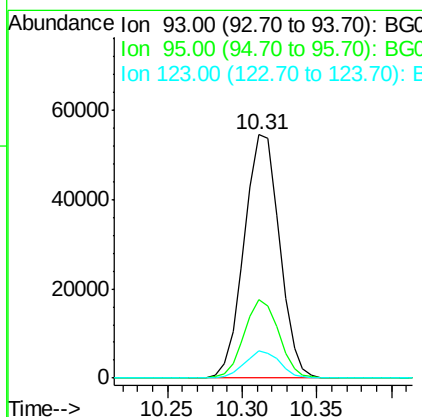
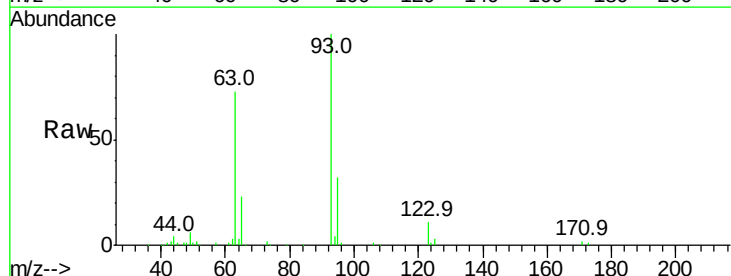
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

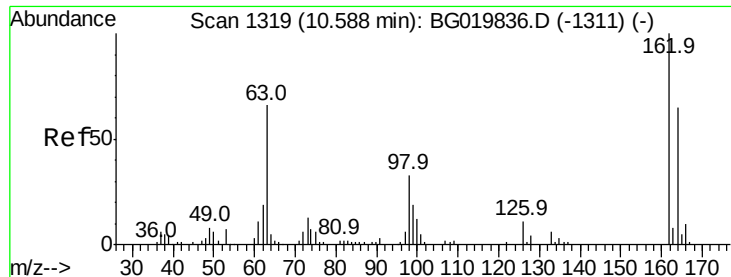
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.4	91.6	137.4
121	61.7	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.28 ng
 RT: 10.31 min Scan# 1272
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.7	38.5
123	11.0	8.6	12.8

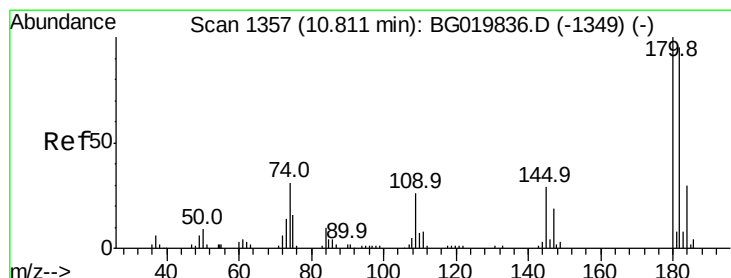
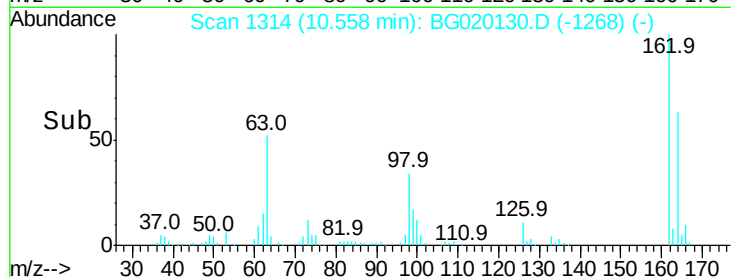
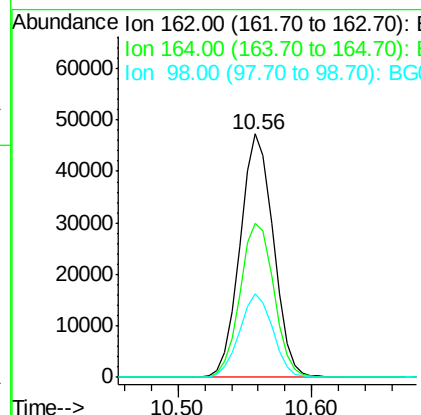
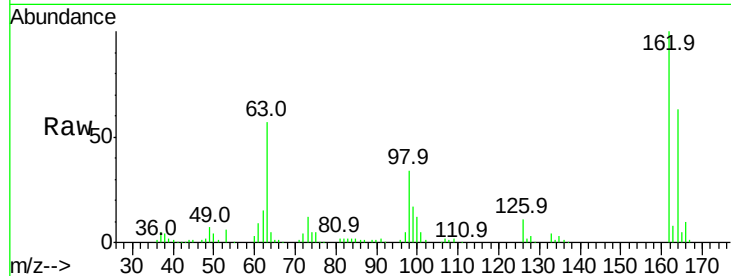




#29
 2,4-Dichlorophenol
 Concen: 56.98 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

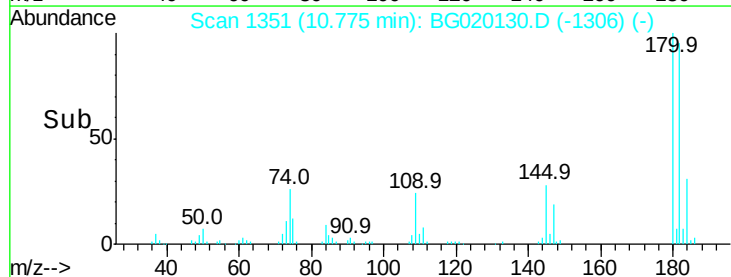
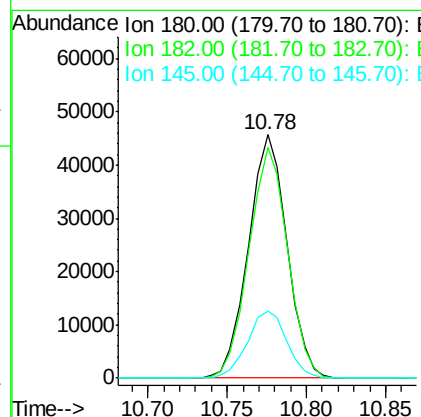
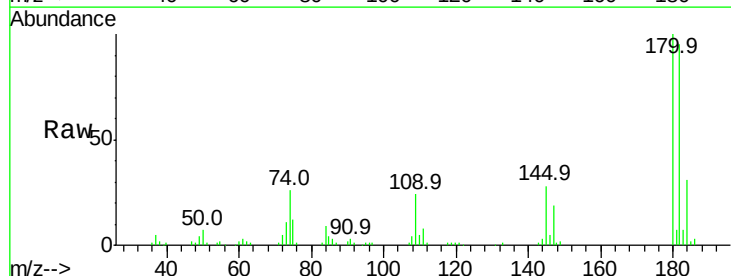
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

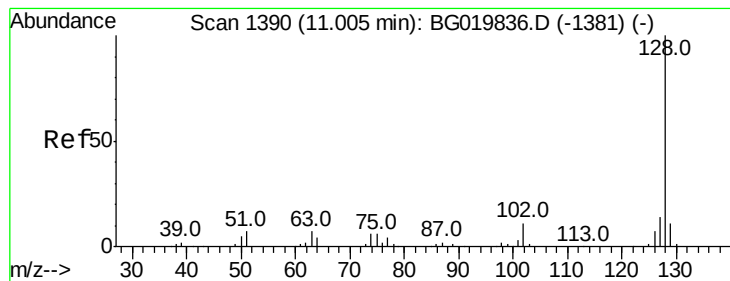
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.3	82.3
98	34.1	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 47.65 ng
 RT: 10.78 min Scan# 1351
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	79.7	119.5
145	27.7	22.0	33.0





#31

Naphthalene

Concen: 49.05 ng

RT: 10.97 min Scan# 1384

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

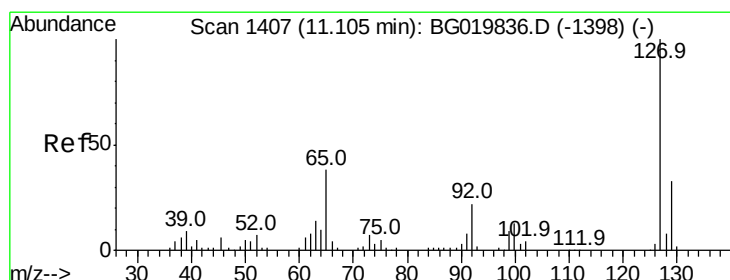
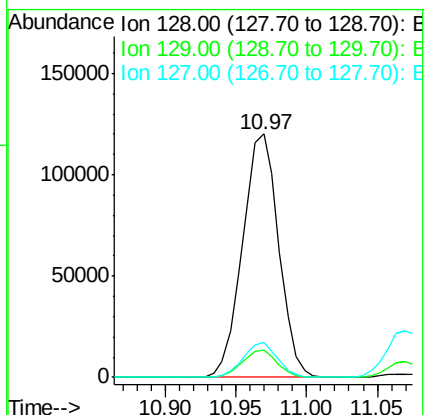
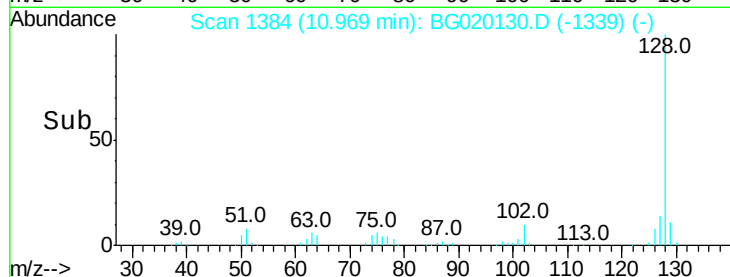
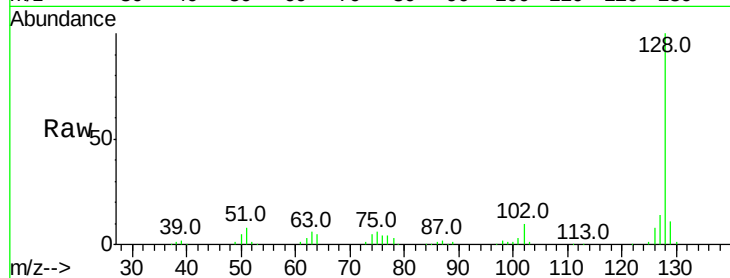
Tot Ion:128 Resp: 215381

Ion Ratio Lower Upper

128 100

129 11.4 8.5 12.7

127 14.4 10.6 16.0



#33

4-Chloroaniline

Concen: 21.92 ng

RT: 11.07 min Scan# 1401

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Tgt Ion:127 Resp: 42409

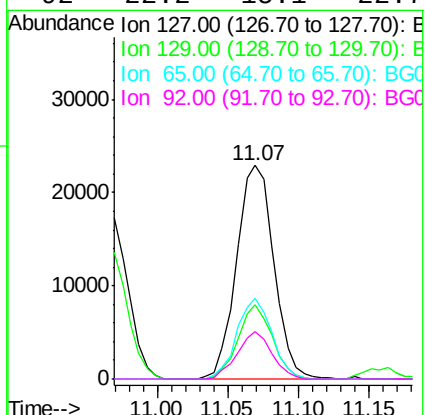
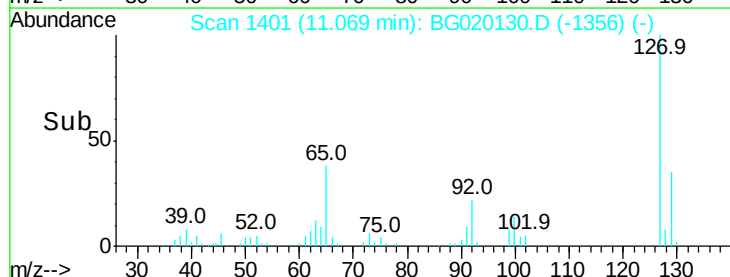
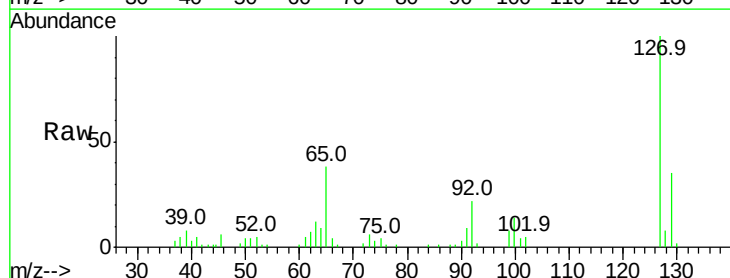
Ion Ratio Lower Upper

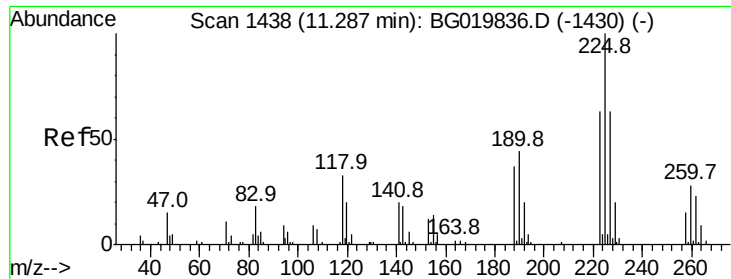
127 100

129 34.8 24.6 37.0

65 37.9 22.6 33.8#

92 22.2 15.1 22.7

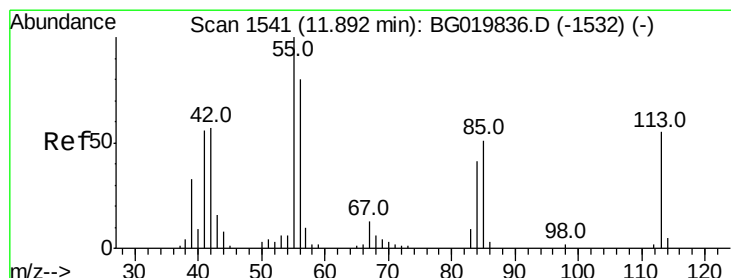
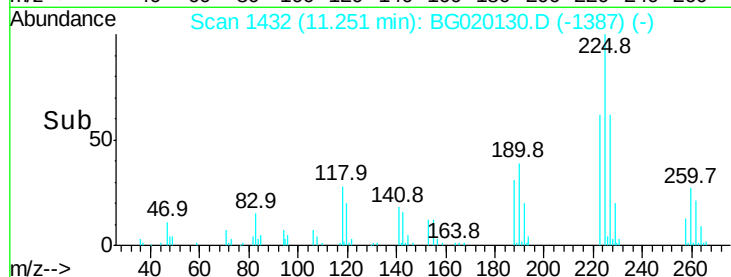
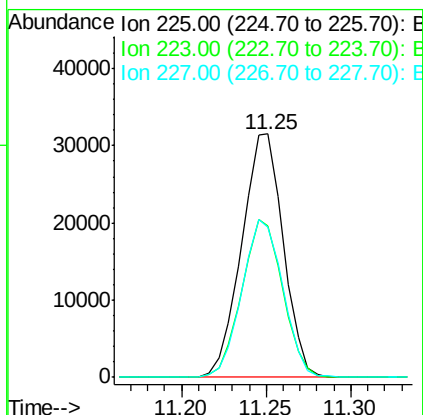
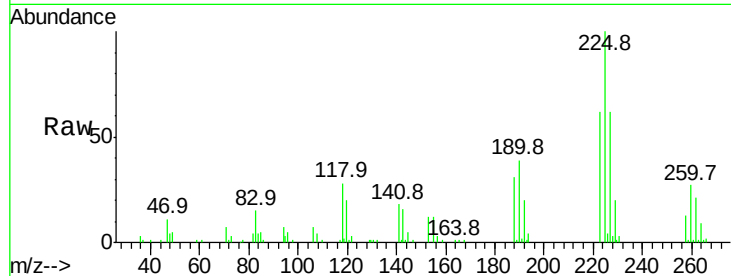




#34
Hexachlorobutadiene
Concen: 45.21 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

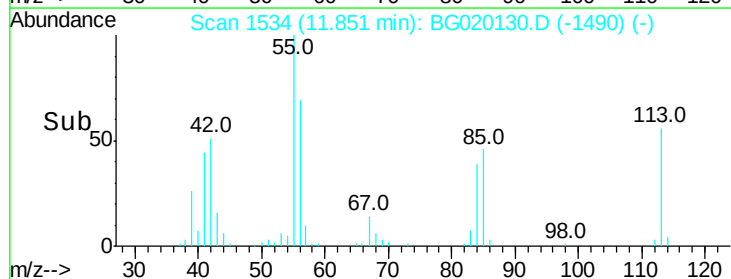
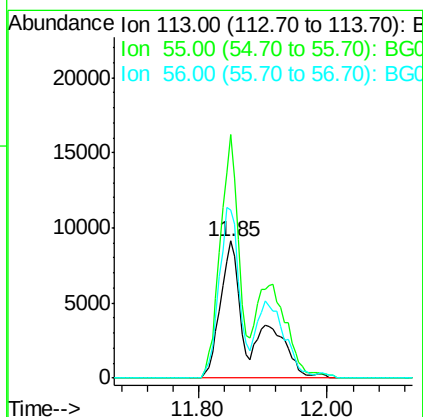
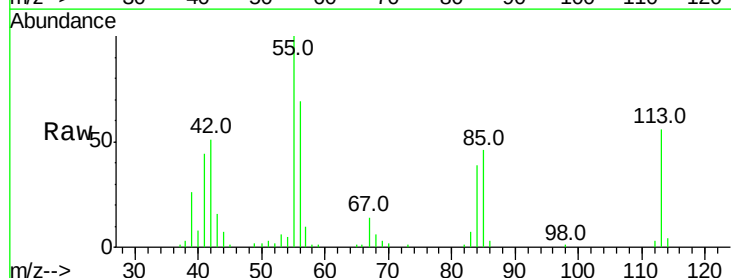
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

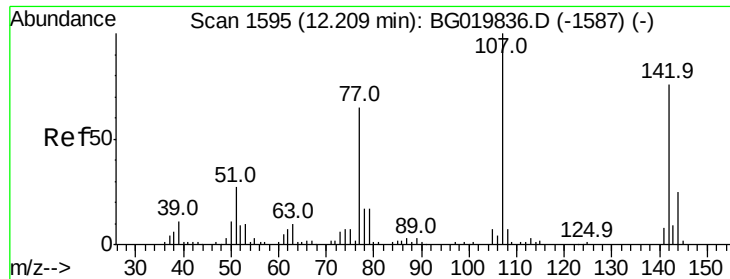
Tot Ion:225 Resp: 53947
Ion Ratio Lower Upper
225 100
223 62.1 51.0 76.4
227 61.6 51.8 77.8



#35
Caprolactam
Concen: 57.11 ng m
RT: 11.85 min Scan# 1534
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion:113 Resp: 30433
Ion Ratio Lower Upper
113 100
55 177.5 135.0 175.0#
56 122.3 83.4 123.4

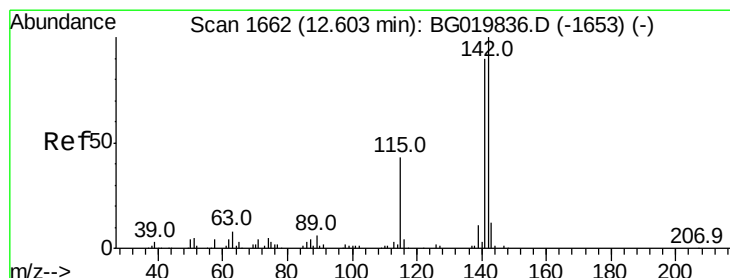
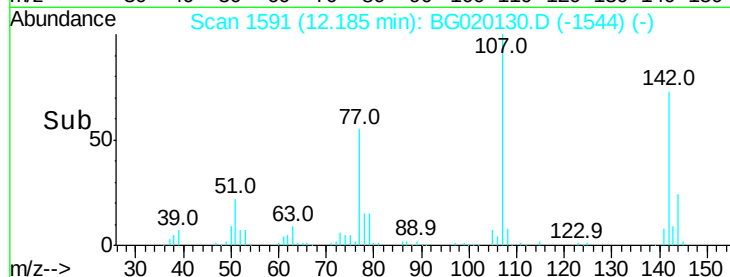
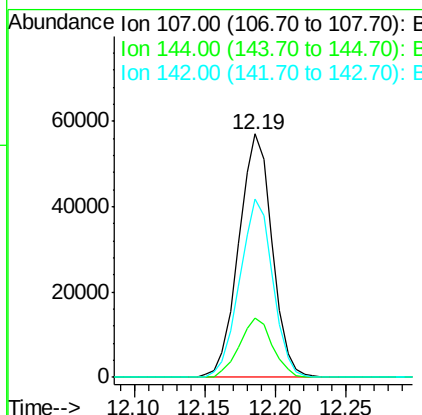
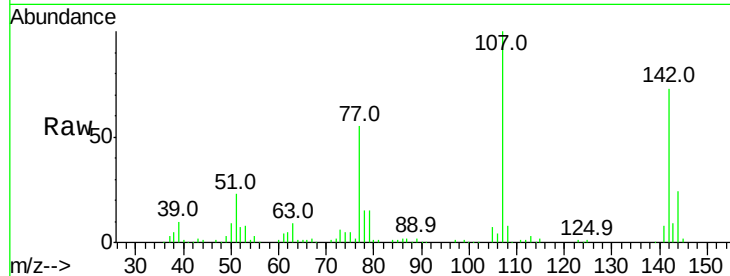




#36
 4-Chloro-3-methylphenol
 Concen: 52.95 ng
 RT: 12.19 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

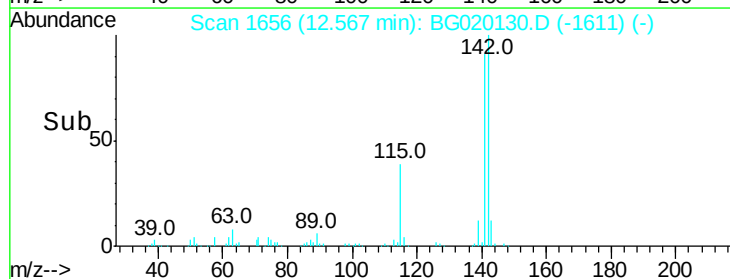
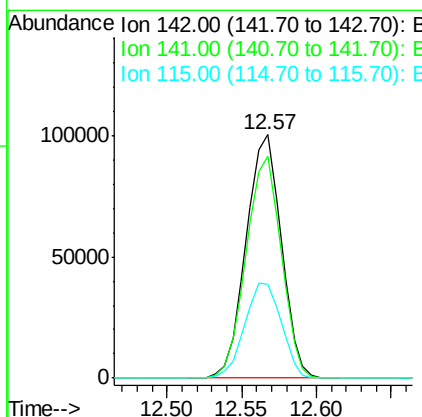
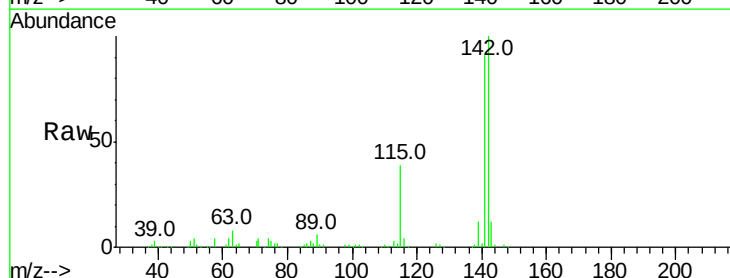
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

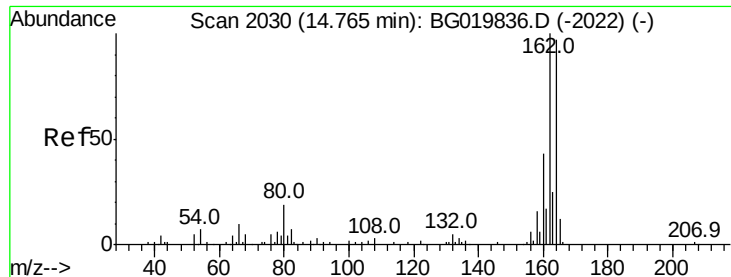
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.6	31.0
142	73.4	62.6	93.8



#37
 2-Methylnaphthalene
 Concen: 50.92 ng
 RT: 12.57 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.6	112.0
115	38.8	27.4	41.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

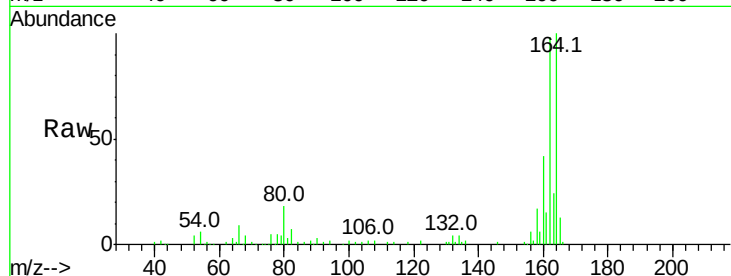
Tot Ion:164 Resp: 60643

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

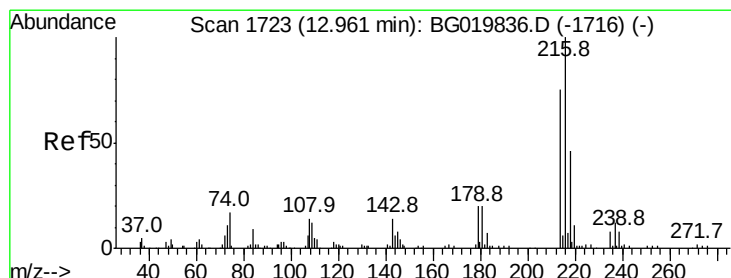
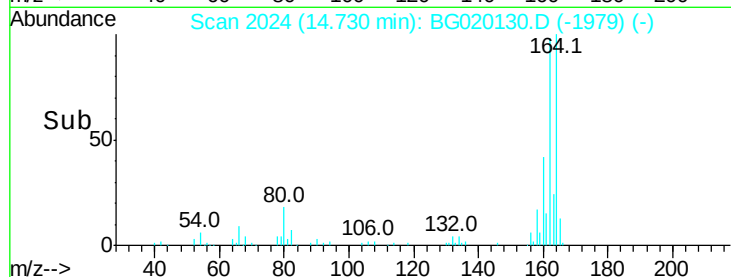
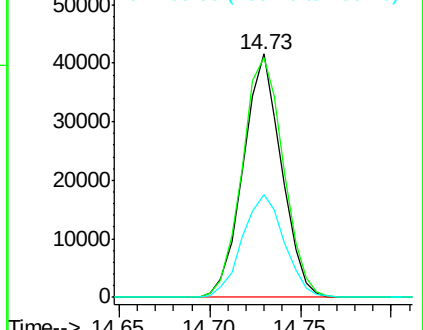
160 42.3 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.76 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Tgt Ion:216 Resp: 107602

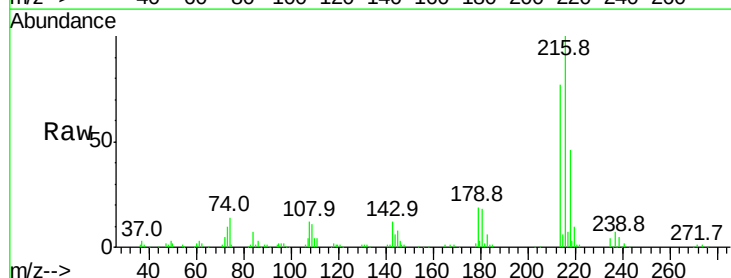
Ion Ratio Lower Upper

216 100

214 79.2 62.5 93.7

179 19.3 15.6 23.4

108 17.0 13.3 19.9

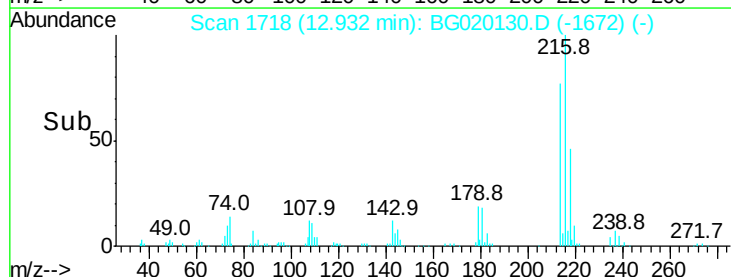
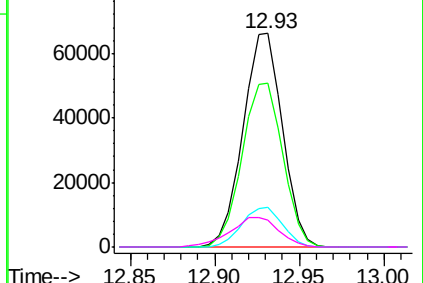


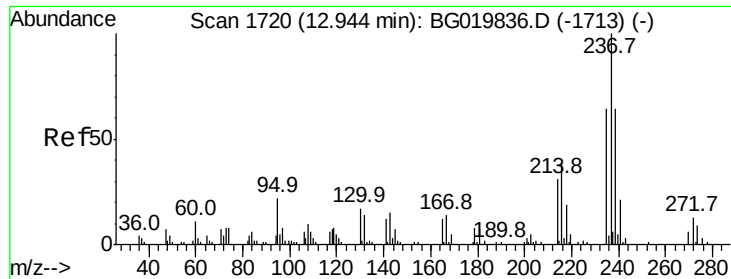
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 99.44 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

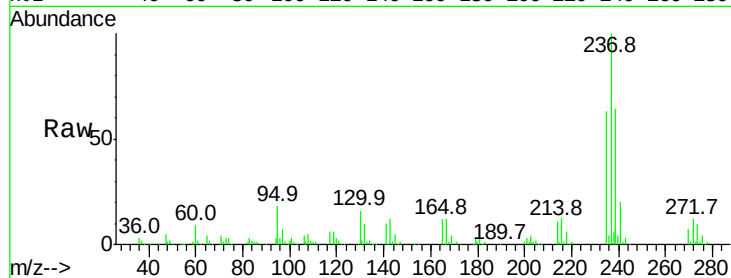
Tot Ion:237 Resp: 130486

Ion Ratio Lower Upper

237 100

235 62.9 44.6 84.6

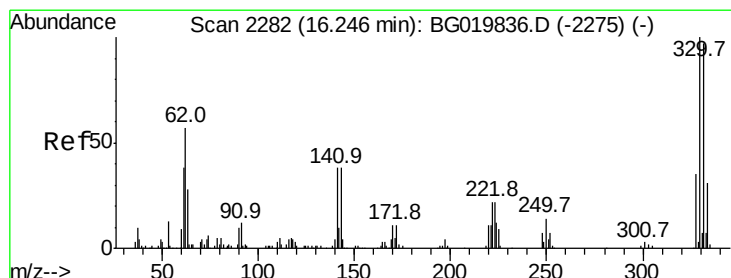
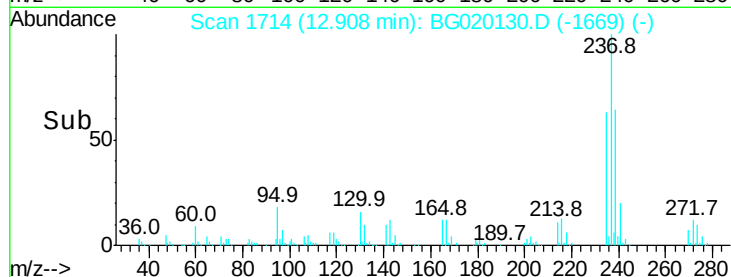
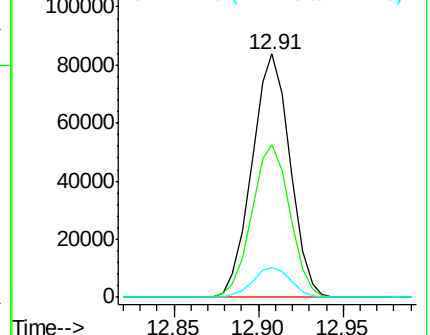
272 12.3 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 160.23 ng

RT: 16.22 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

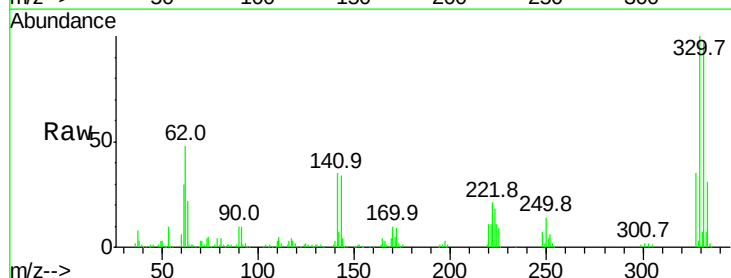
Tgt Ion:330 Resp: 148679

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

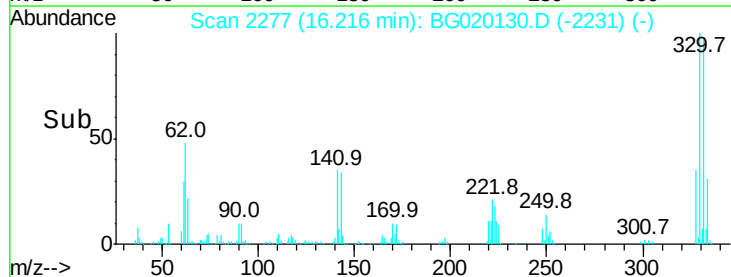
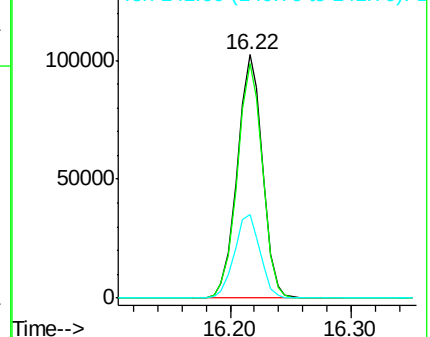
141 35.3 28.2 42.2

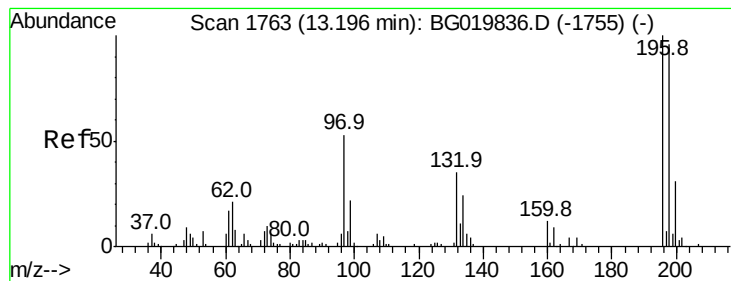


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 51.80 ng

RT: 13.17 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

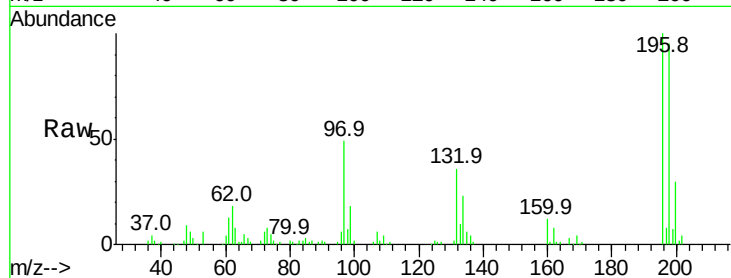
Tot Ion:196 Resp: 78918

Ion Ratio Lower Upper

196 100

198 95.0 74.7 112.1

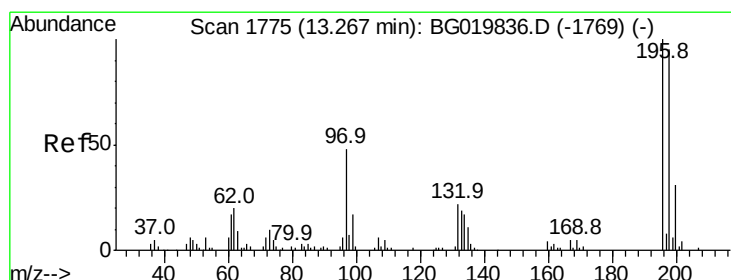
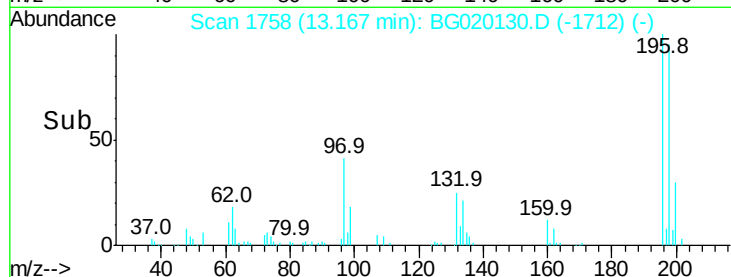
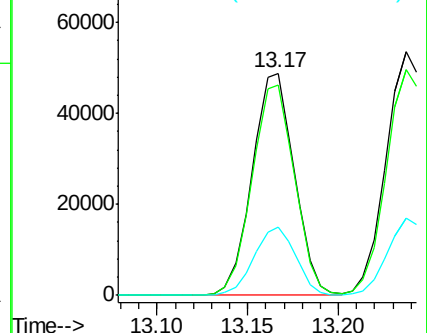
200 30.5 24.1 36.1



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: 54.50 ng

RT: 13.24 min Scan# 1770

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Tgt Ion:196 Resp: 87766

Ion Ratio Lower Upper

196 100

198 92.8 75.2 112.8

97 45.4 34.2 51.2

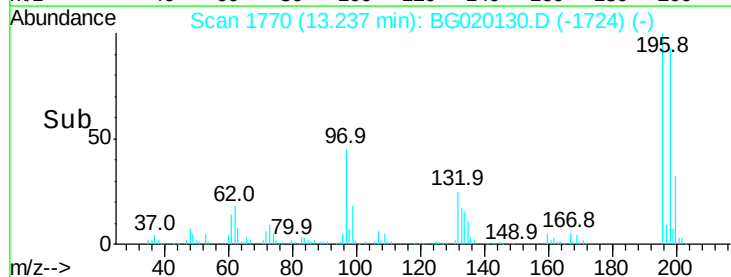
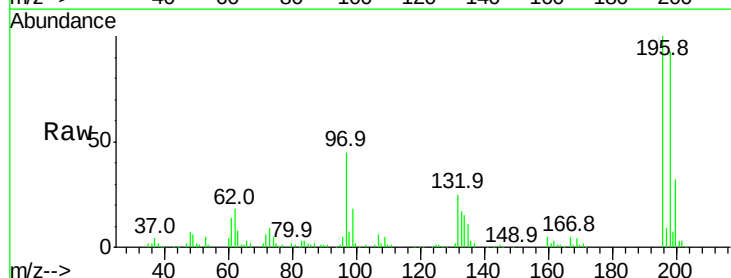
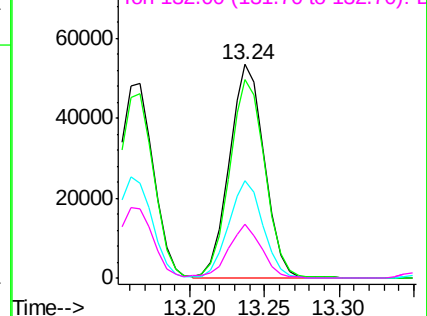
132 25.4 21.8 32.6

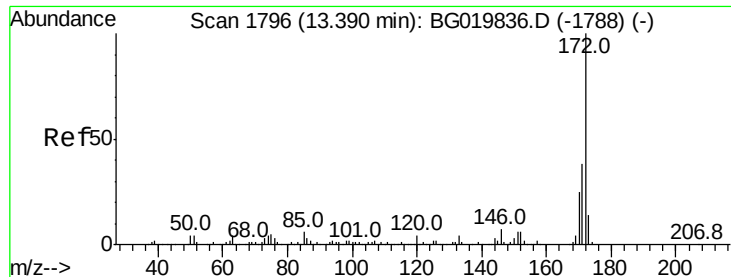
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

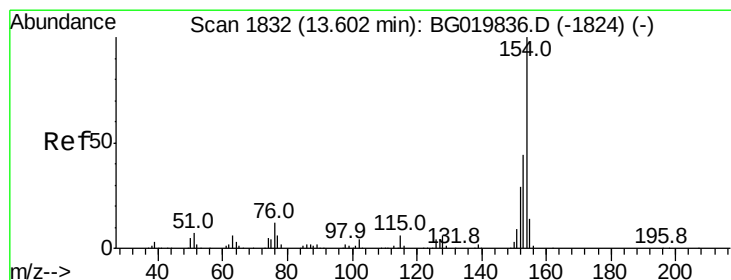
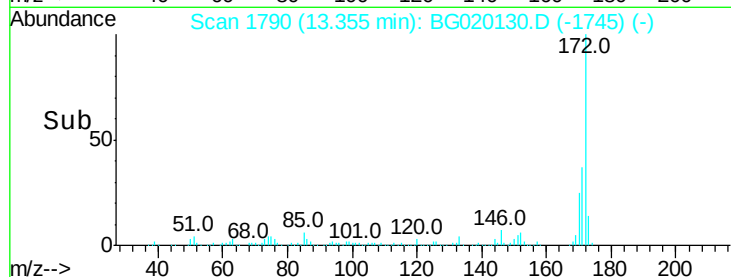
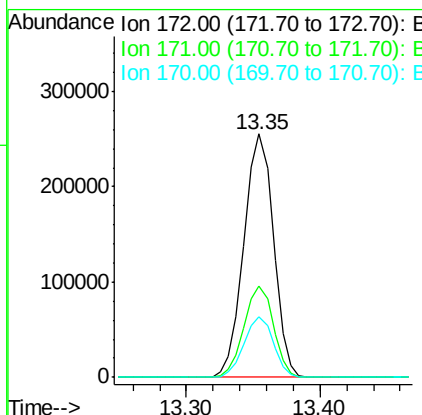
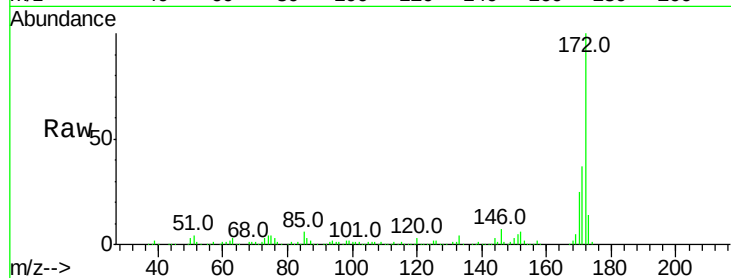




#44
2-Fluorobiphenyl
Concen: 88.12 ng
RT: 13.35 min Scan# 1790
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

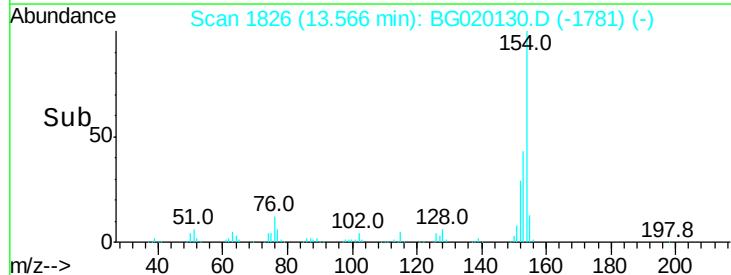
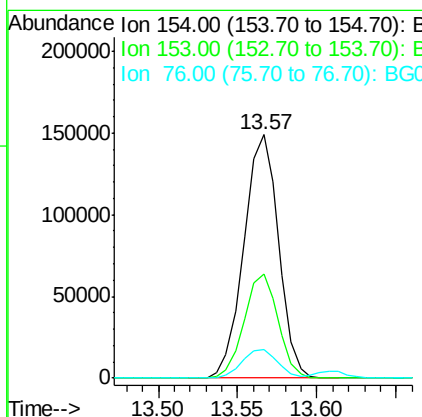
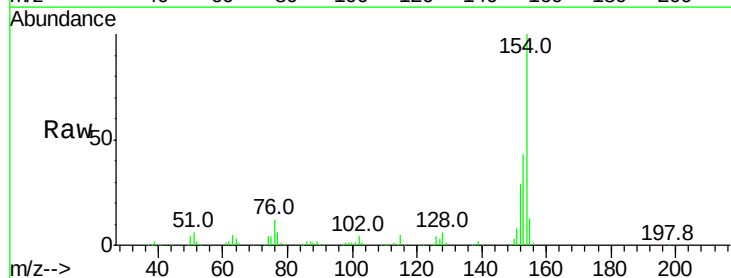
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

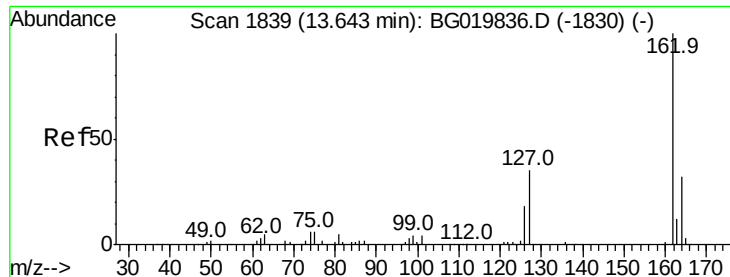
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	24.8	19.9	29.9



#45
1,1'-Biphenyl
Concen: 45.41 ng
RT: 13.57 min Scan# 1826
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	11.5	0.0	33.2

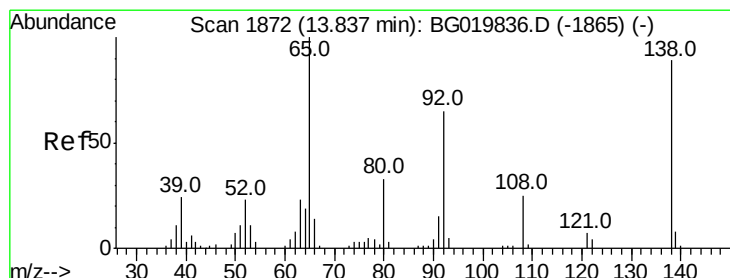
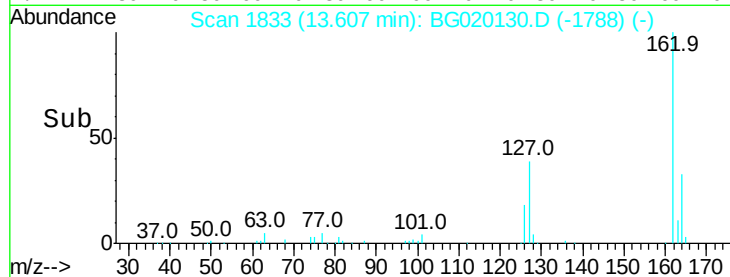
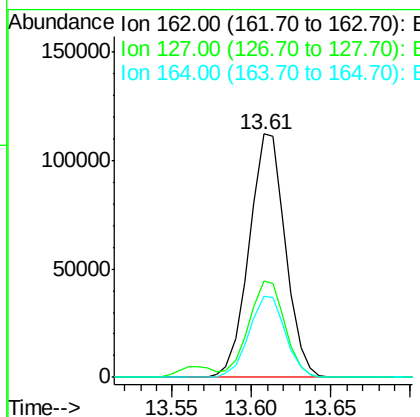
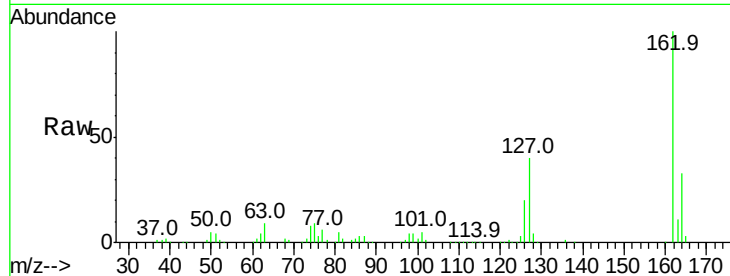




#46
 2-Chloronaphthalene
 Concen: 46.42 ng
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

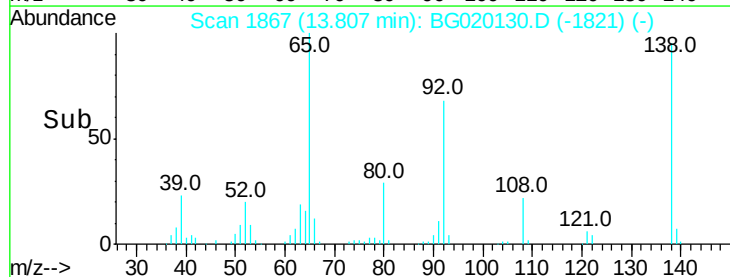
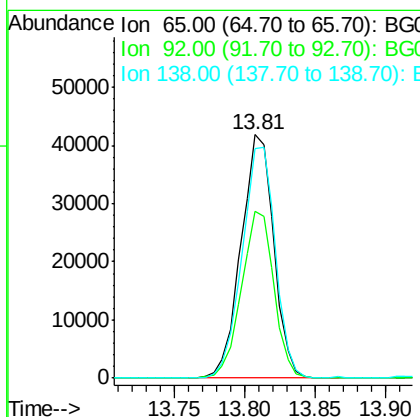
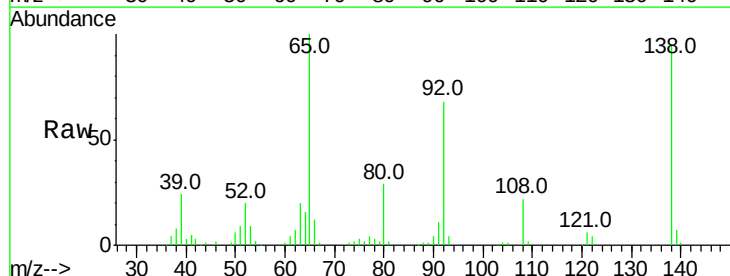
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

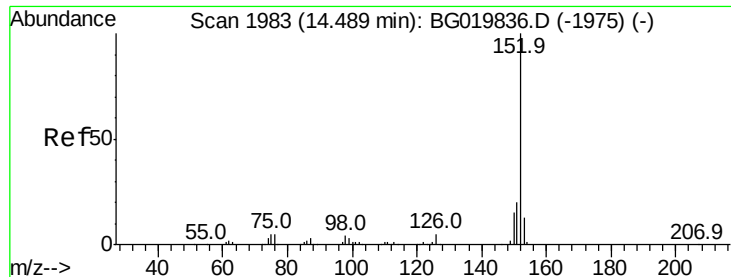
Tot Ion:162 Resp: 178064
 Ion Ratio Lower Upper
 162 100
 127 39.7 28.3 42.5
 164 33.0 27.4 41.0



#47
 2-Nitroaniline
 Concen: 56.00 ng
 RT: 13.81 min Scan# 1867
 Delta R.T. -0.03 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Tgt Ion: 65 Resp: 67845
 Ion Ratio Lower Upper
 65 100
 92 68.3 54.8 82.2
 138 94.5 89.6 134.4





#48

Acenaphthylene

Concen: 46.68 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

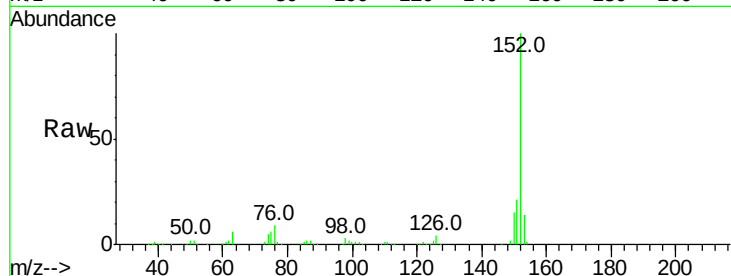
Tot Ion:152 Resp: 305003

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.4

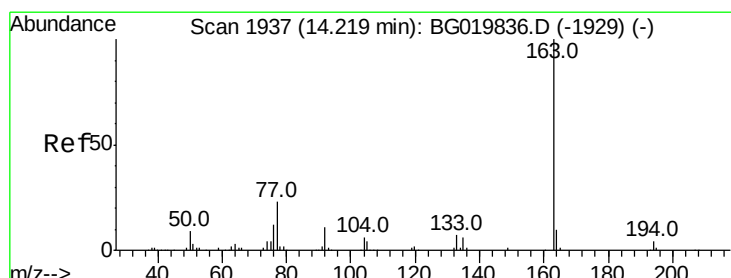
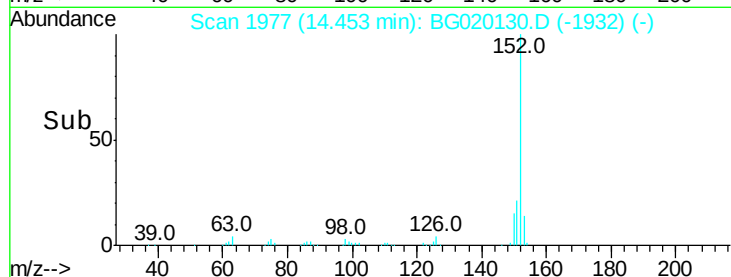
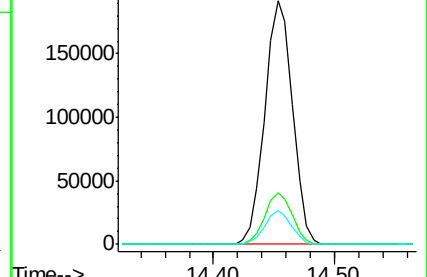
153 14.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 60.94 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

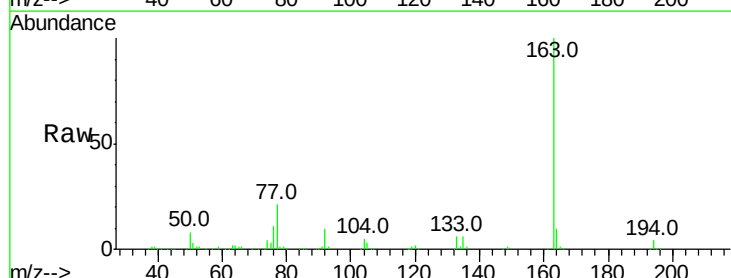
Tgt Ion:163 Resp: 332433

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

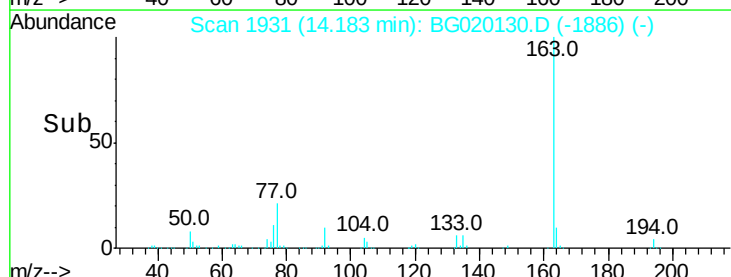
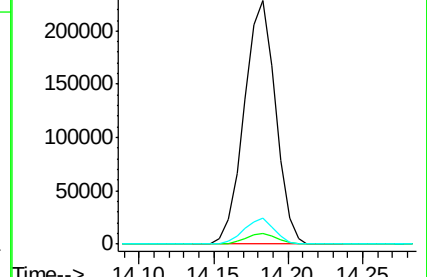
164 10.5 8.8 13.2

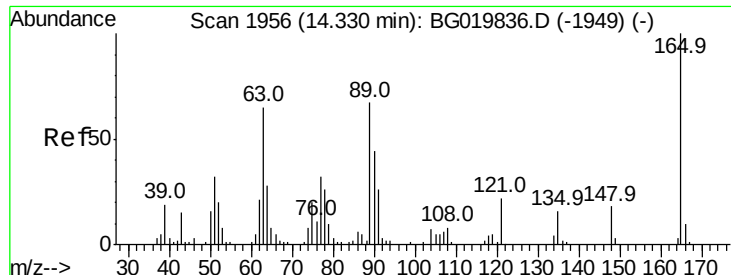


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

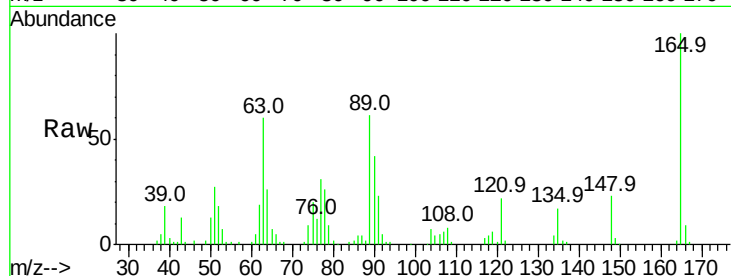




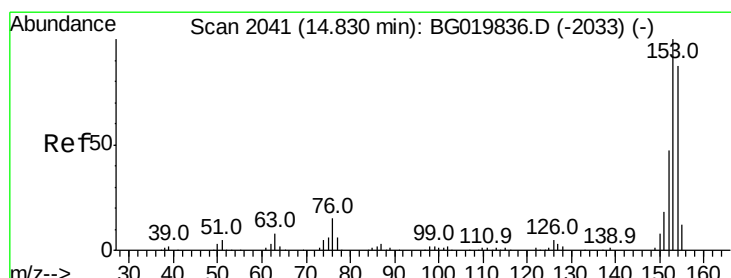
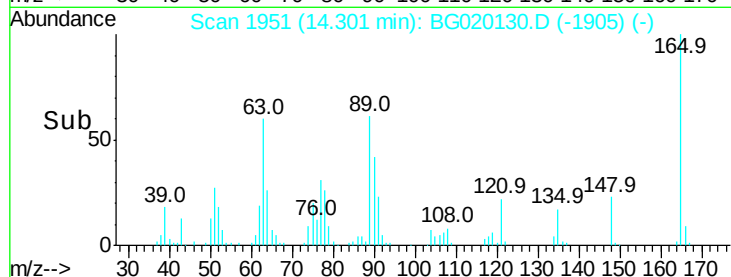
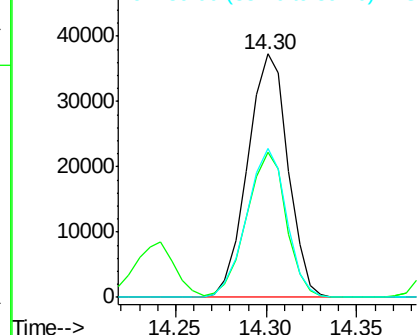
#50
2,6-Dinitrotoluene
Concen: 56.32 ng
RT: 14.30 min Scan# 1951
Delta R.T. -0.03 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

Tot Ion:165 Resp: 57758
Ion Ratio Lower Upper
165 100
63 59.8 35.7 53.5#
89 61.4 39.7 59.5#

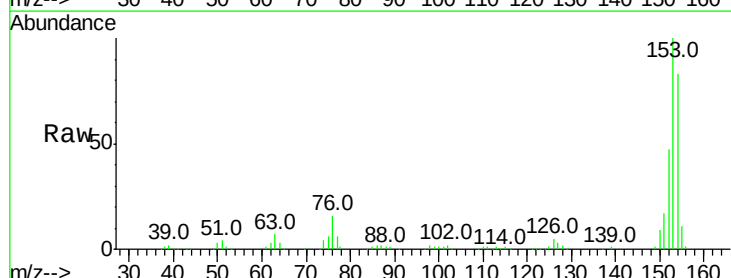


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

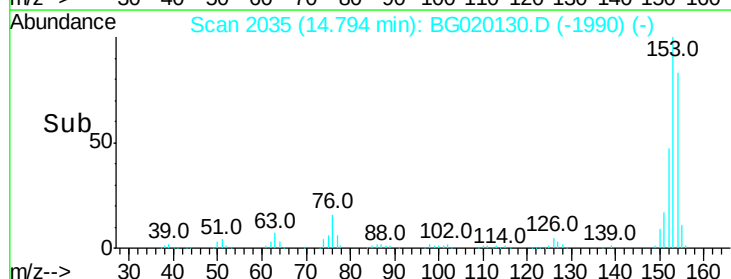
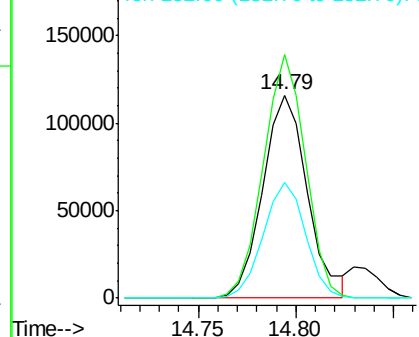


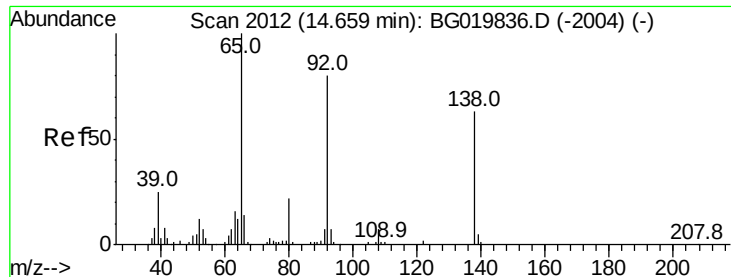
#51
Acenaphthene
Concen: 46.26 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion:154 Resp: 183412
Ion Ratio Lower Upper
154 100
153 120.0 92.9 139.3
152 56.9 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 34.34 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

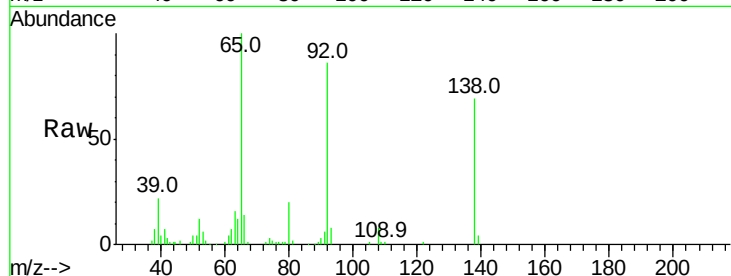
Tot Ion:138 Resp: 36596

Ion Ratio Lower Upper

138 100

108 10.9 7.9 11.9

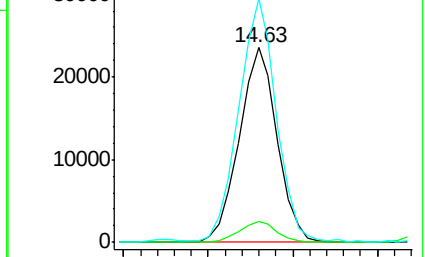
92 125.0 94.2 141.4



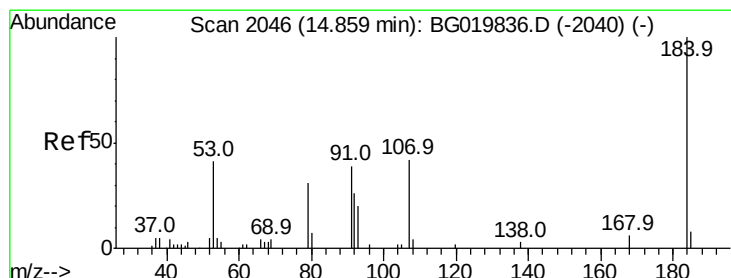
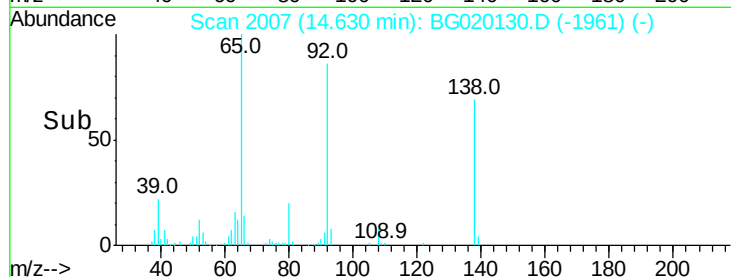
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time--> 14.55 14.60 14.65 14.70



#53

2,4-Dinitrophenol

Concen: 78.05 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

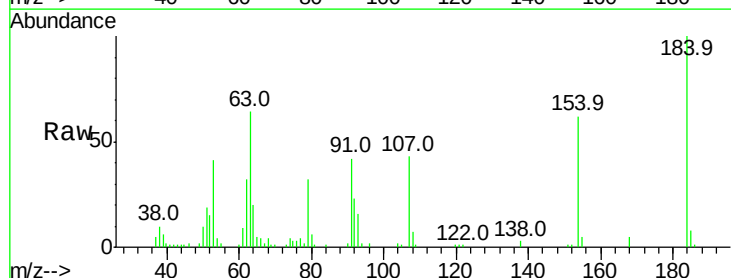
Tgt Ion:184 Resp: 42457

Ion Ratio Lower Upper

184 100

63 63.6 42.7 64.1

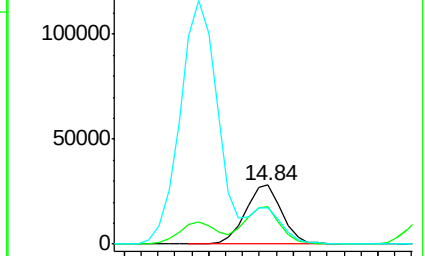
154 61.9 44.3 66.5



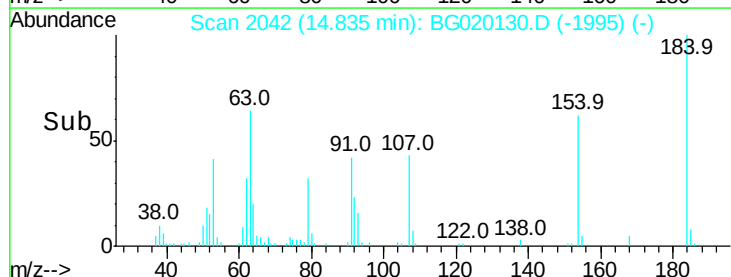
Abundance Ion 184.00 (183.70 to 184.70): E

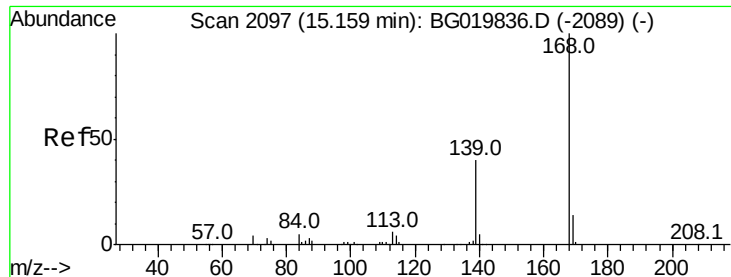
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



Time--> 14.75 14.80 14.85 14.90

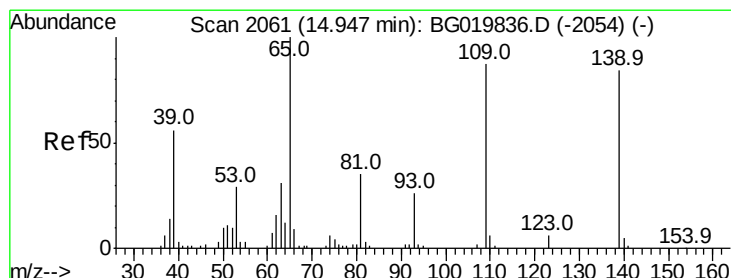
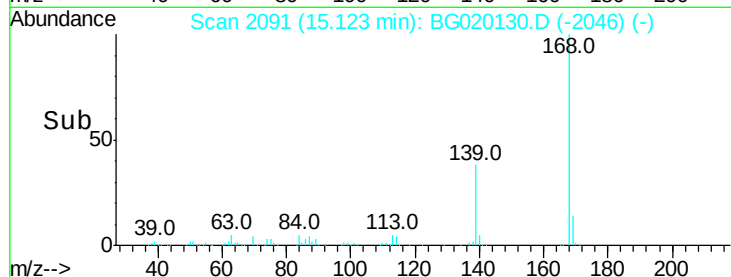
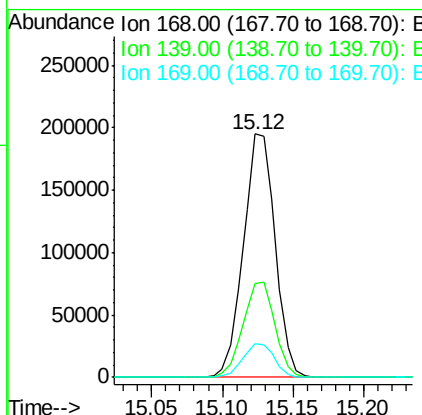
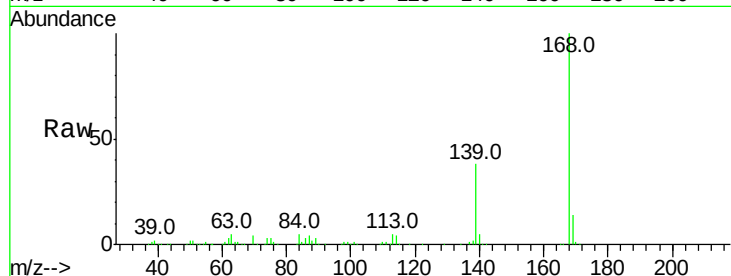




#54
Dibenzofuran
Concen: 52.09 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

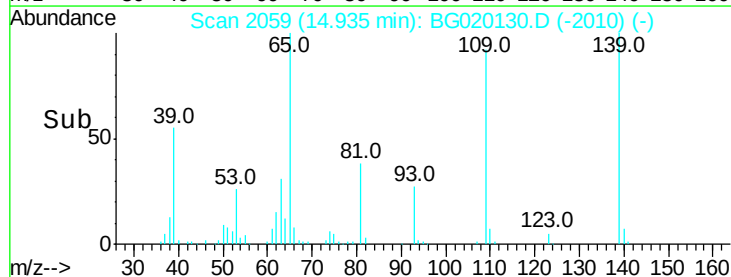
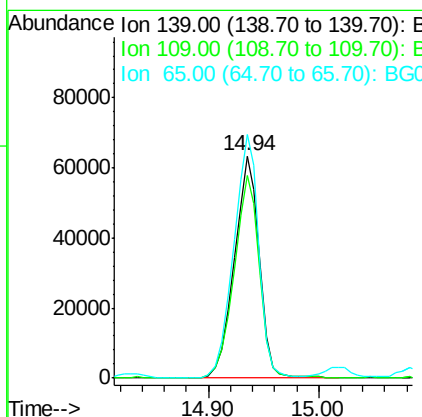
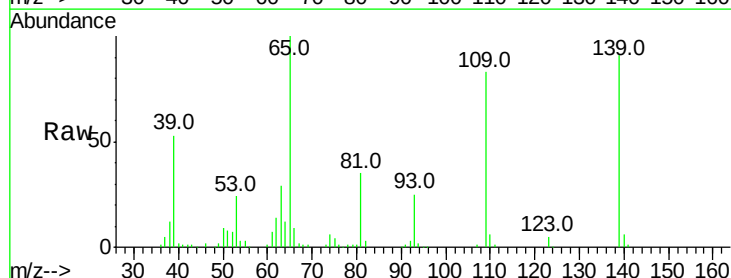
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

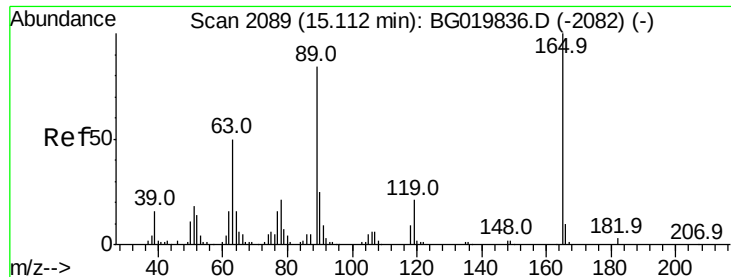
Tot Ion:168 Resp: 307272
Ion Ratio Lower Upper
168 100
139 38.3 27.4 41.0
169 13.7 11.0 16.4



#55
4-Nitrophenol
Concen: 107.96 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion:139 Resp: 100188
Ion Ratio Lower Upper
139 100
109 91.4 43.2 83.2#
65 109.6 67.8 107.8#

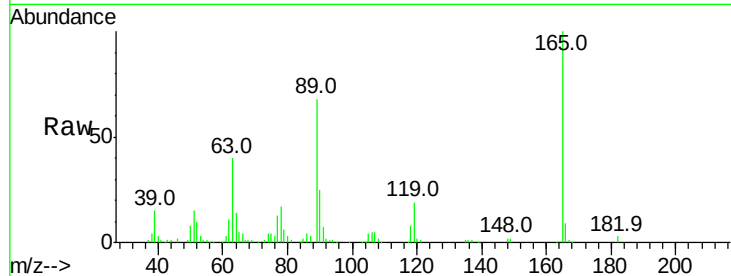




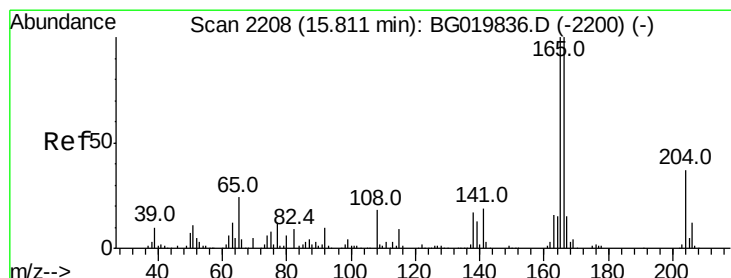
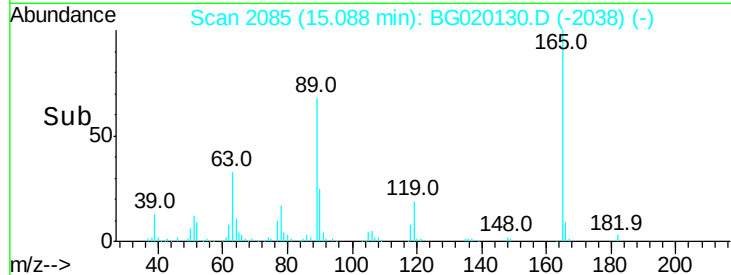
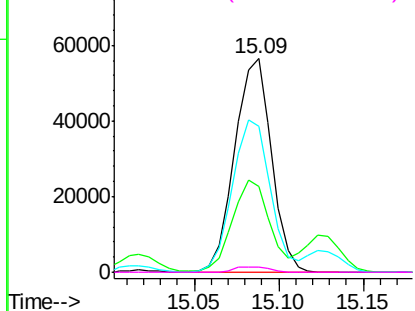
#56
2,4-Dinitrotoluene
Concen: 59.88 ng
RT: 15.09 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

Tot Ion:165 Resp: 85690
Ion Ratio Lower Upper
165 100
63 40.4 31.0 46.4
89 68.4 54.4 81.6
182 2.5 1.6 2.4#

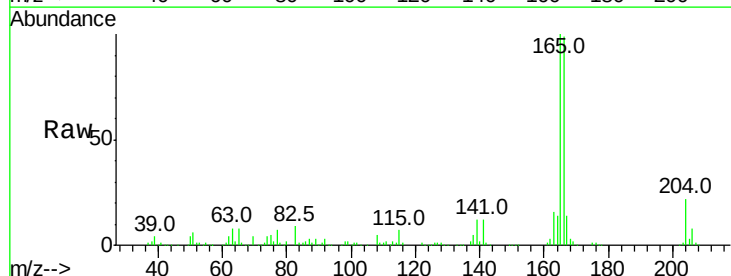


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

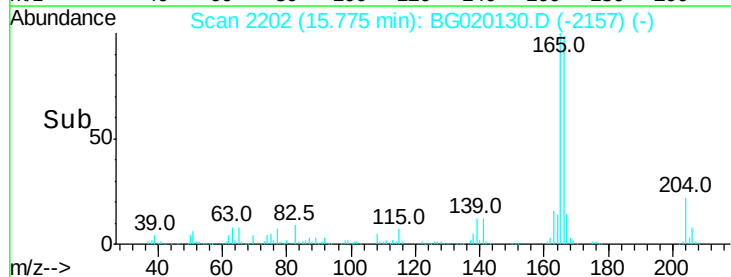
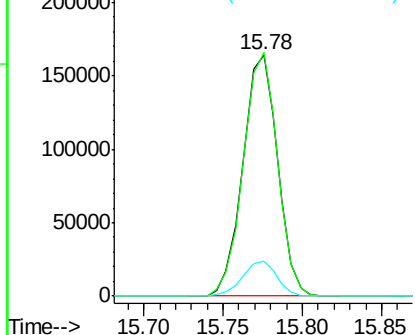


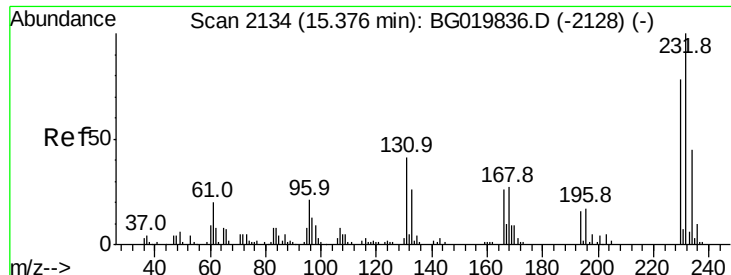
#57
Fluorene
Concen: 47.32 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion:166 Resp: 249832
Ion Ratio Lower Upper
166 100
165 100.9 80.0 120.0
167 14.5 11.1 16.7



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

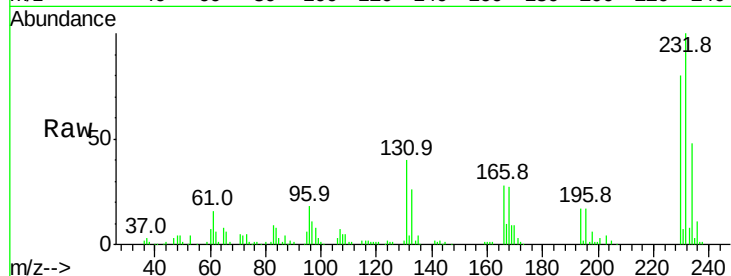




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.61 ng
 RT: 15.35 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.4	33.0	49.6
130	2.1	2.0	3.0
166	27.3	24.1	36.1

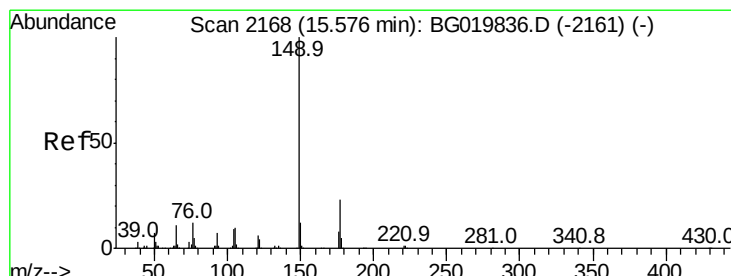
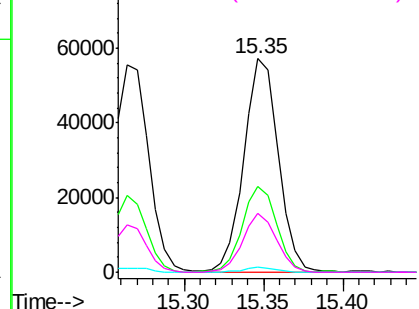
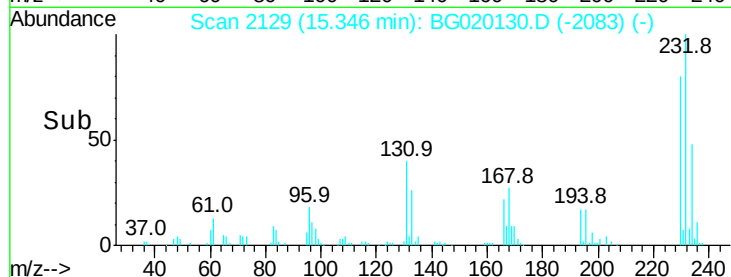


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

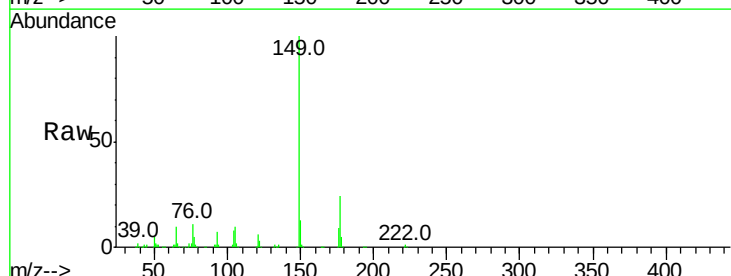
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 45.86 ng
 RT: 15.54 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

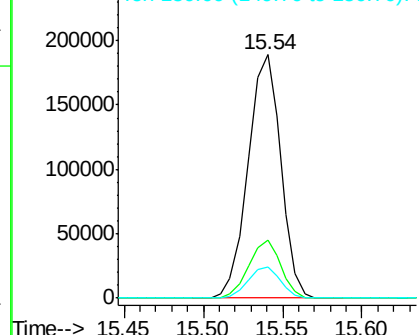
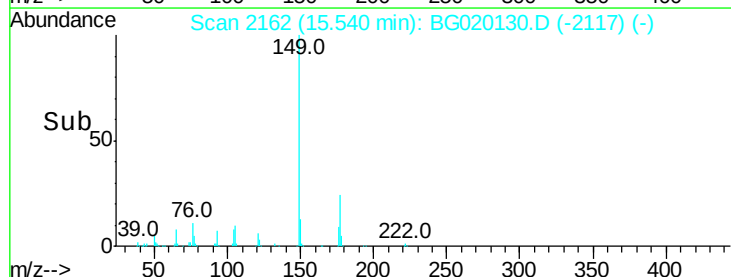
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.6	29.4
150	12.6	10.2	15.2

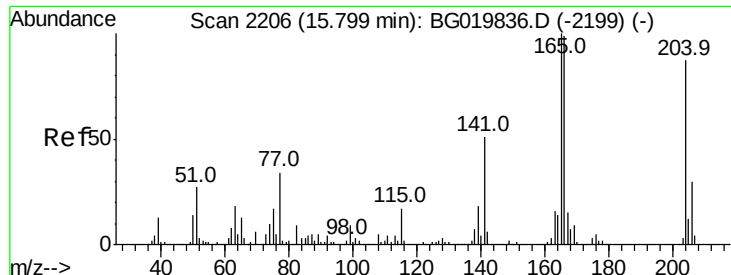


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

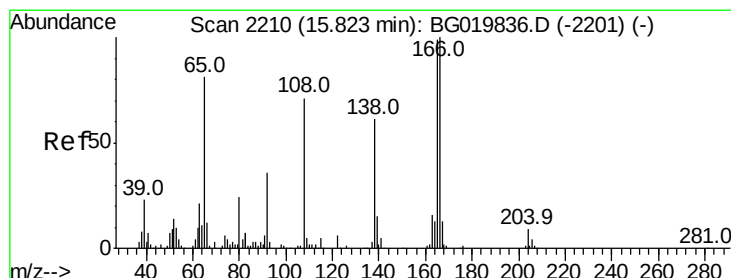
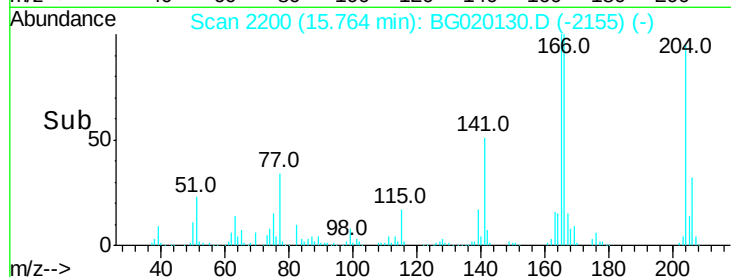
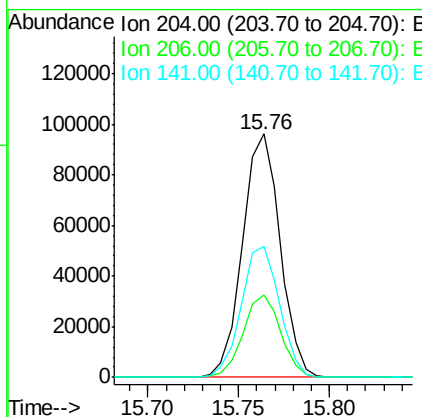
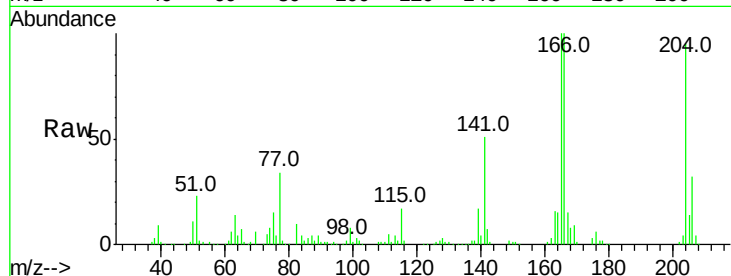




#60
 4-Chlorophenyl-phenylether
 Concen: 45.65 ng
 RT: 15.76 min Scan# 2200
 Delta R.T. -0.04 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

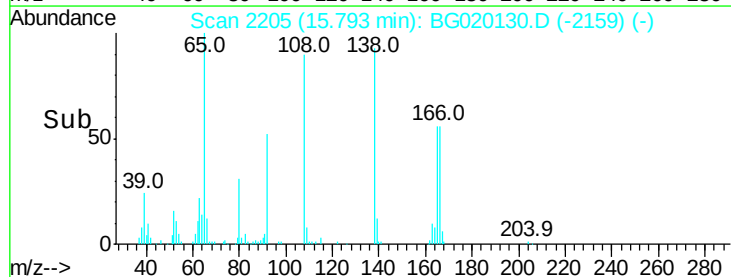
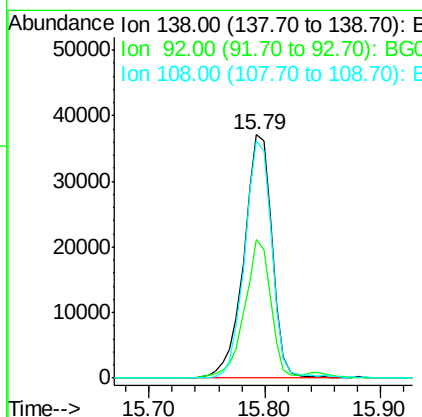
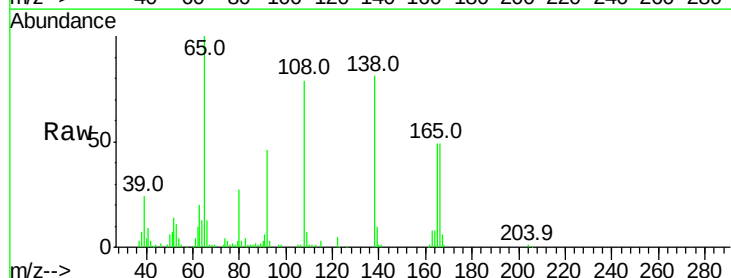
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMSD

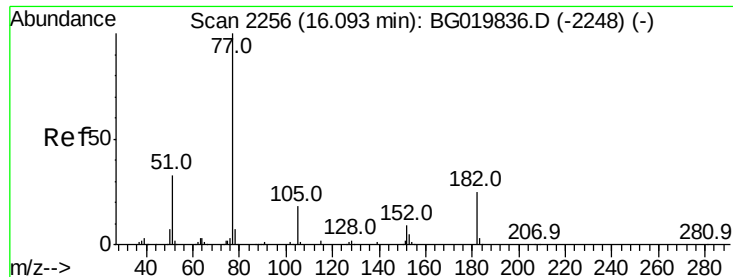
Tot Ion:204 Resp: 138378
 Ion Ratio Lower Upper
 204 100
 206 33.6 28.3 42.5
 141 54.0 44.0 66.0



#61
 4-Nitroaniline
 Concen: 52.45 ng
 RT: 15.79 min Scan# 2205
 Delta R.T. -0.03 min
 Lab File: BG020130.D
 Acq: 12 Dec 2015 6:32

Tgt Ion:138 Resp: 62855
 Ion Ratio Lower Upper
 138 100
 92 57.1 29.1 69.1
 108 97.3 49.8 89.8#





#62

Azobenzene

Concen: 49.04 ng

RT: 16.06 min Scan# 2250

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

Tot Ion: 77 Resp: 240902

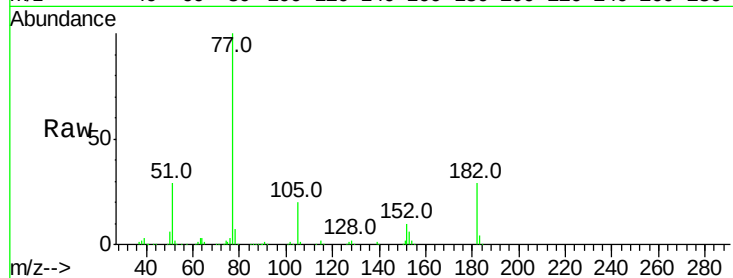
Ion Ratio Lower Upper

77 100

182 28.8 7.0 47.0

105 19.7 1.4 41.4

51 29.0 4.9 44.9

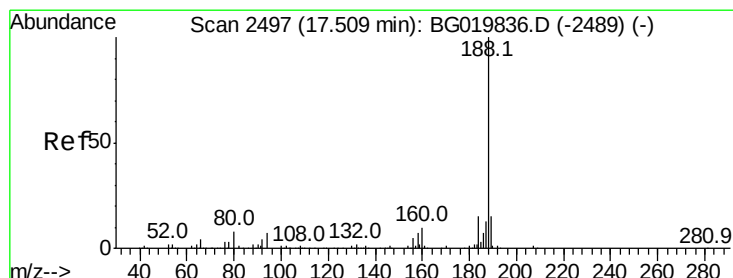
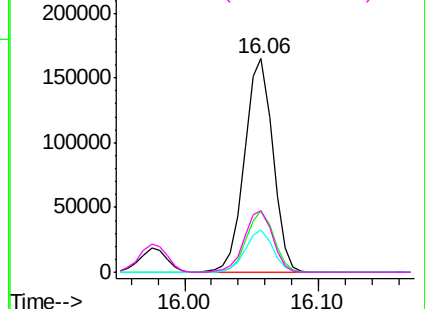
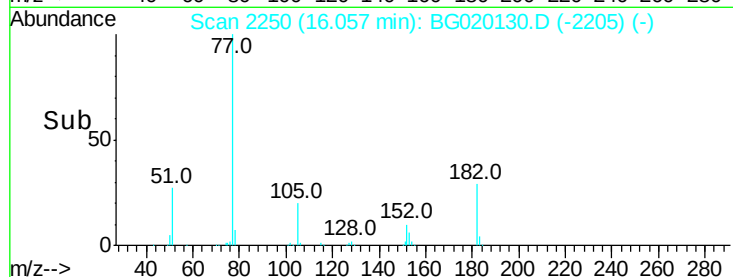


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2491

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

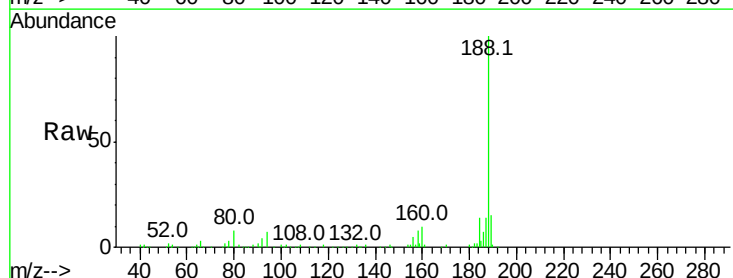
Tgt Ion: 188 Resp: 160019

Ion Ratio Lower Upper

188 100

94 6.5 7.7 11.5#

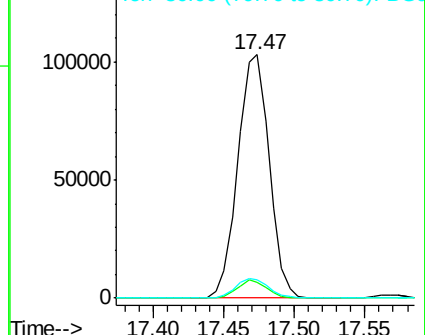
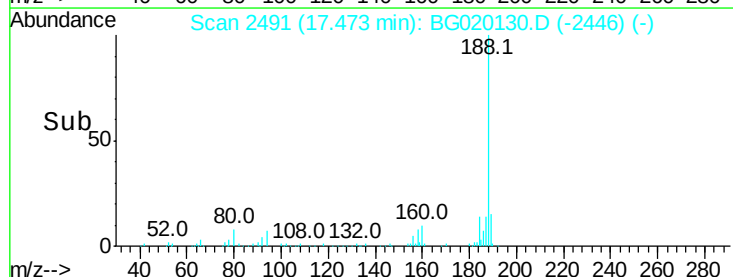
80 7.6 7.8 11.8#

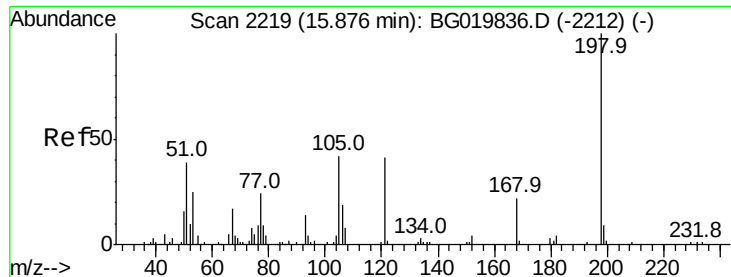


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 57.02 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

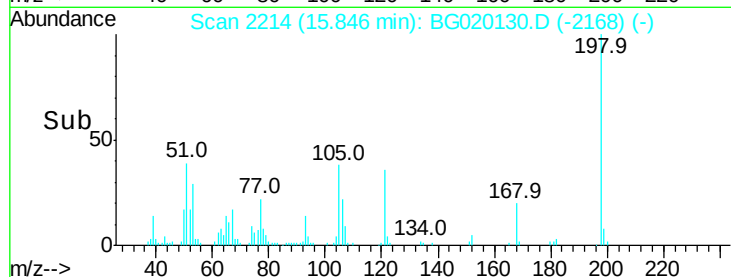
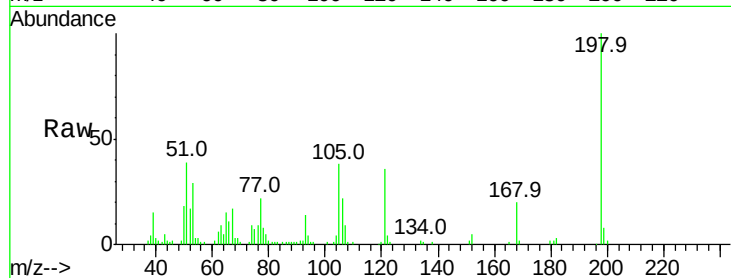
BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

Tot Ion:198 Resp: 52441

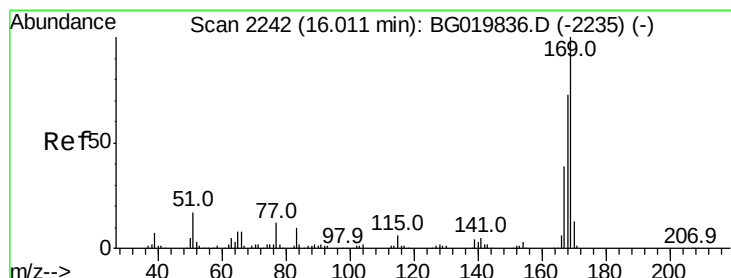
Ion	Ratio	Lower	Upper
198	100		
51	39.1	14.2	54.2
105	38.4	21.1	61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 50.07 ng

RT: 15.98 min Scan# 2236

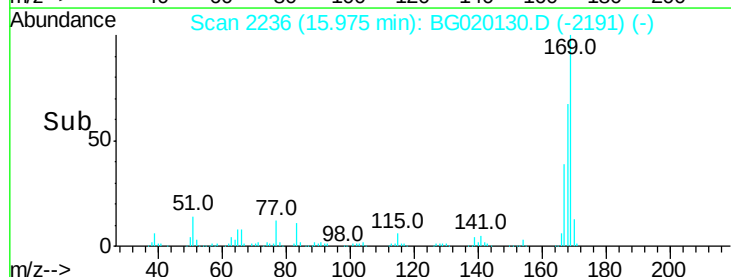
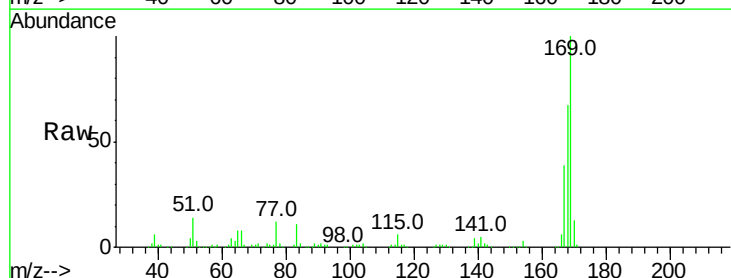
Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Tgt Ion:169 Resp: 231854

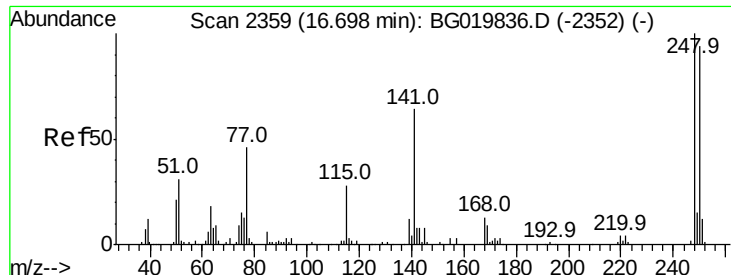
Ion	Ratio	Lower	Upper
169	100		
168	67.0	58.2	87.2
167	38.7	32.7	49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

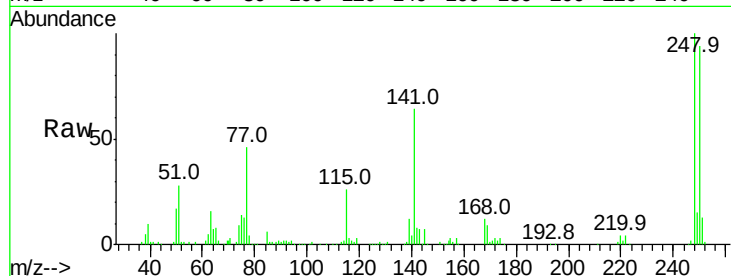
Ion 167.00 (166.70 to 167.70): E



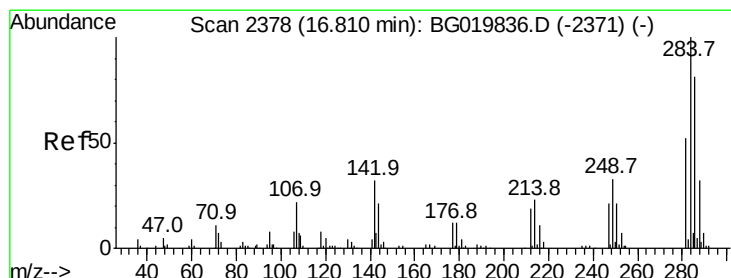
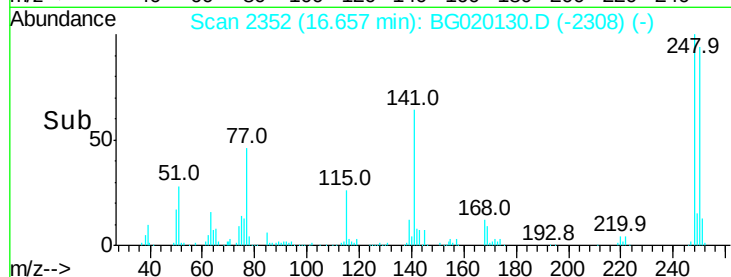
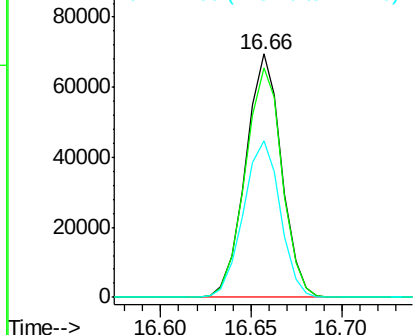
#66
4-Bromophenyl-phenylether
Concen: 47.97 ng
RT: 16.66 min Scan# 2352
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

Tot Ion:248 Resp: 95380
Ion Ratio Lower Upper
248 100
250 94.4 77.8 116.8
141 64.5 50.4 75.6

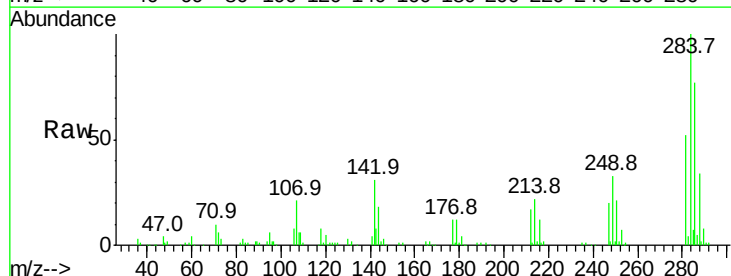


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

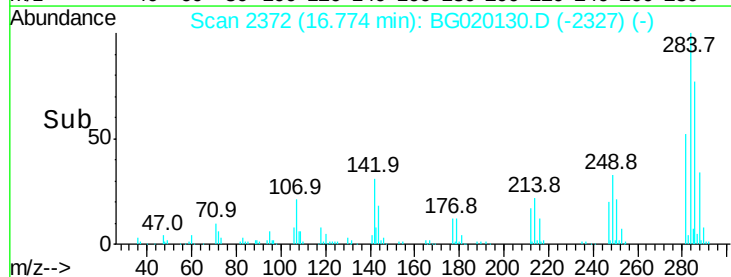
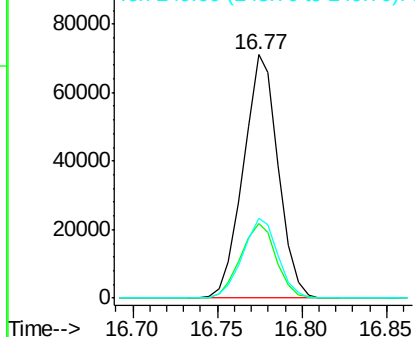


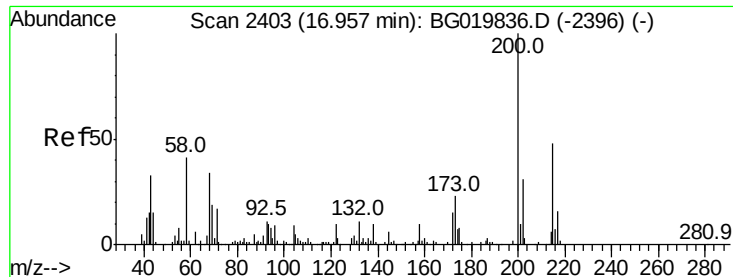
#67
Hexachlorobenzene
Concen: 49.13 ng
RT: 16.77 min Scan# 2372
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion:284 Resp: 101760
Ion Ratio Lower Upper
284 100
142 30.6 26.6 39.8
249 33.0 26.2 39.2



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





#68

Atrazine

Concen: 49.35 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

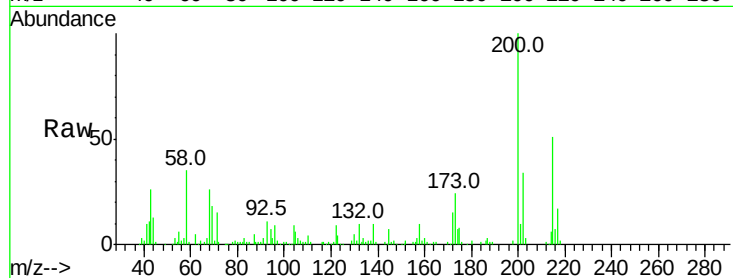
Tot Ion:200 Resp: 99291

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

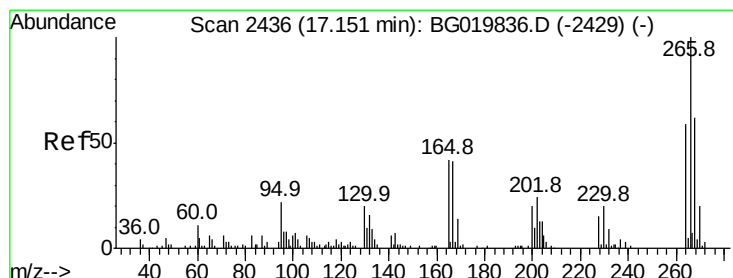
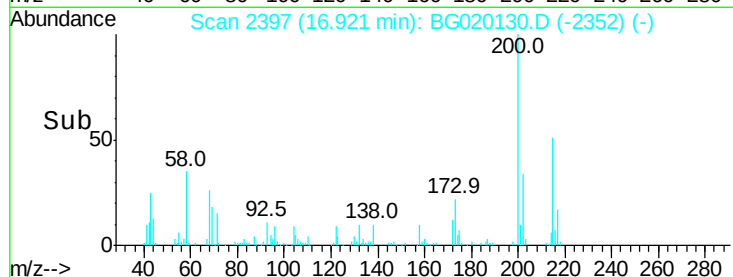
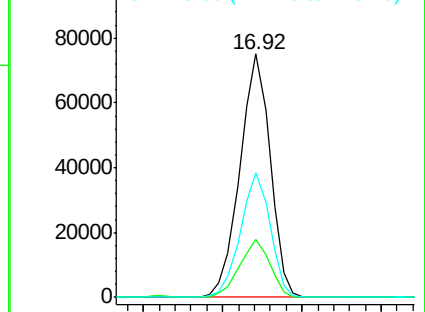
215 51.0 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 109.42 ng

RT: 17.12 min Scan# 2431

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

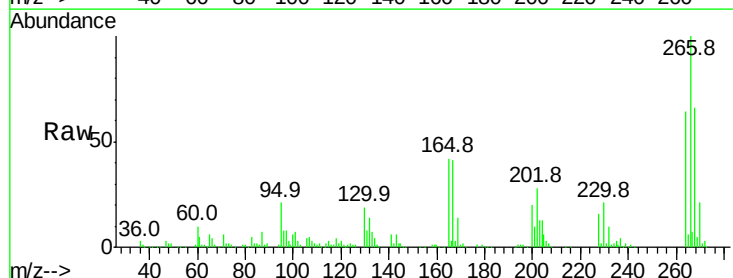
Tgt Ion:266 Resp: 132285

Ion Ratio Lower Upper

266 100

268 66.5 47.6 71.4

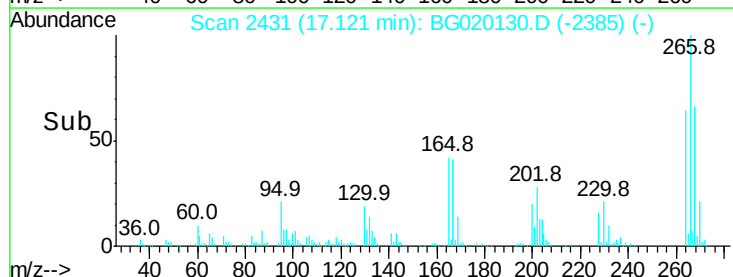
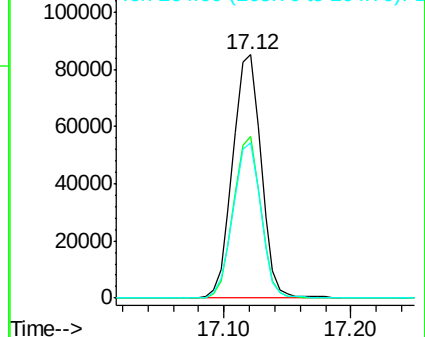
264 63.6 48.1 72.1

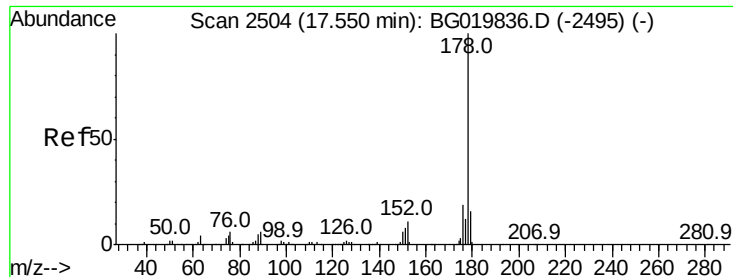


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 47.95 ng

RT: 17.51 min Scan# 2498

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

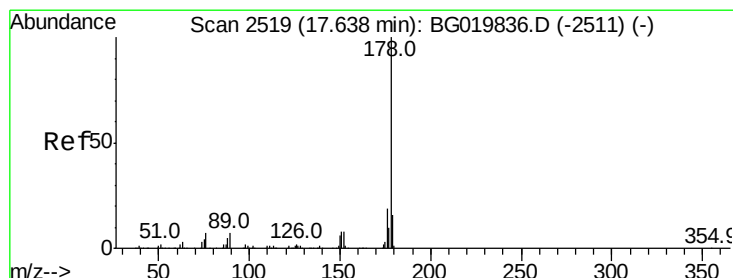
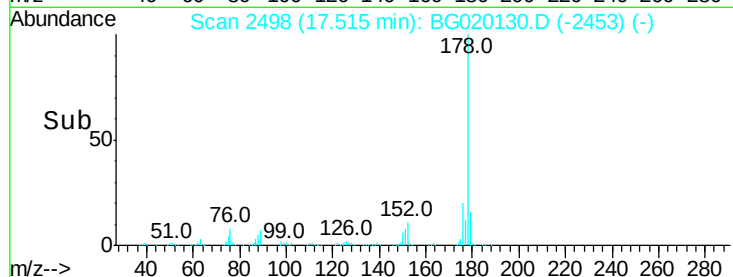
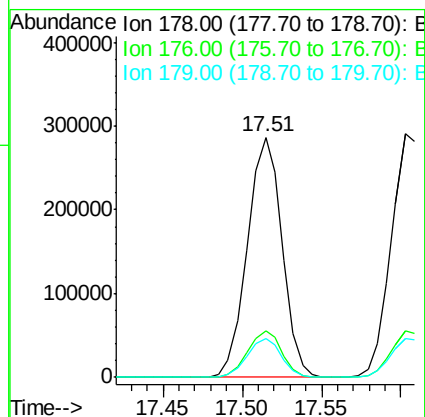
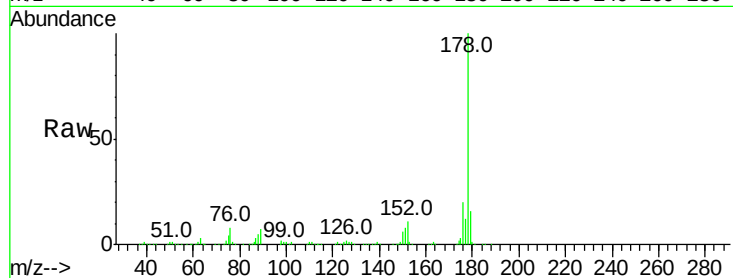
Tot Ion:178 Resp: 434154

Ion Ratio Lower Upper

178 100

176 19.6 16.7 25.1

179 16.3 13.9 20.9



#71

Anthracene

Concen: 47.91 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

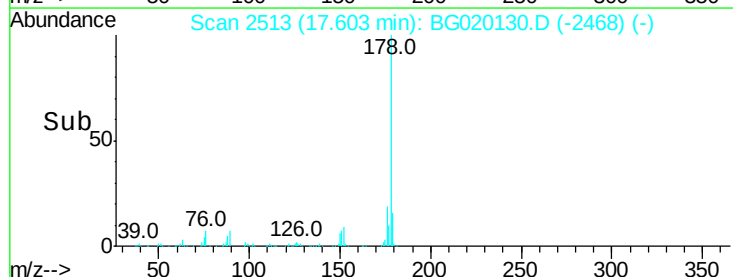
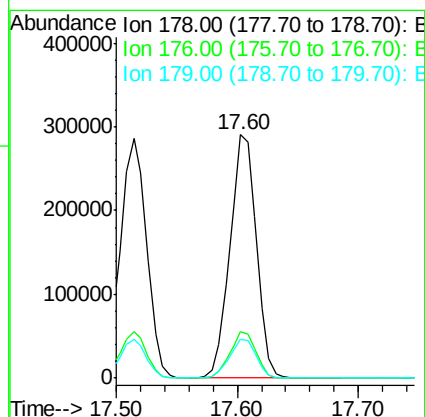
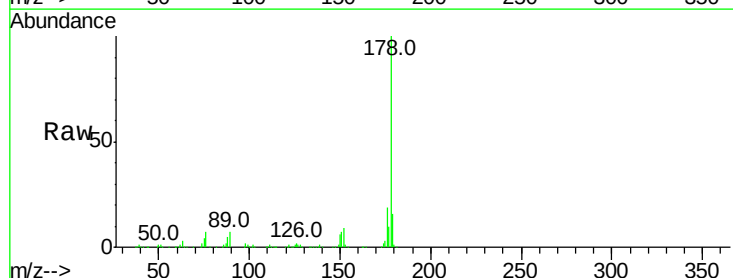
Tgt Ion:178 Resp: 441777

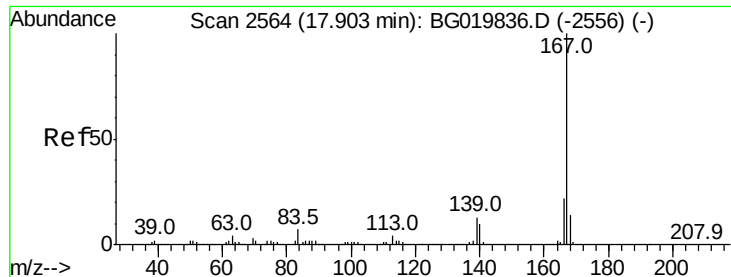
Ion Ratio Lower Upper

178 100

176 19.1 16.8 25.2

179 16.1 13.9 20.9





#72

Carbazole

Concen: 48.78 ng

RT: 17.87 min Scan# 2559

Delta R.T. -0.03 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

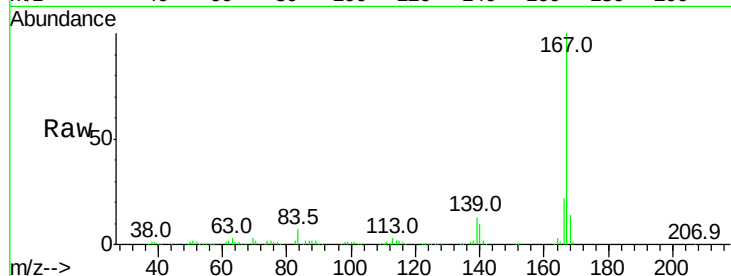
Tot Ion:167 Resp: 396297

Ion Ratio Lower Upper

167 100

166 22.1 19.0 28.6

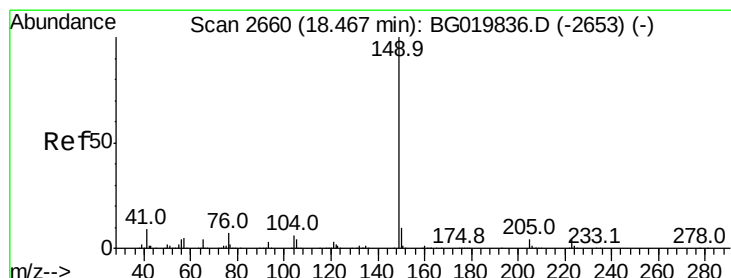
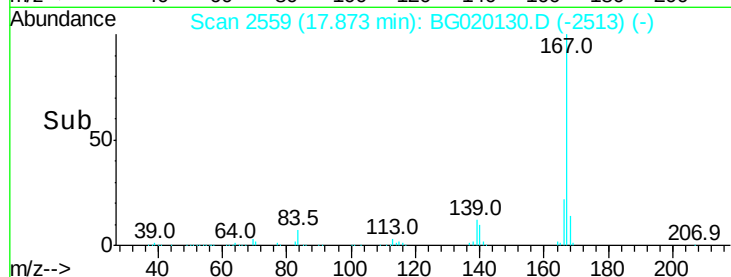
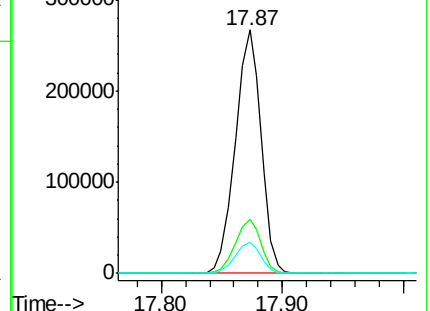
139 13.0 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 44.99 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.05 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

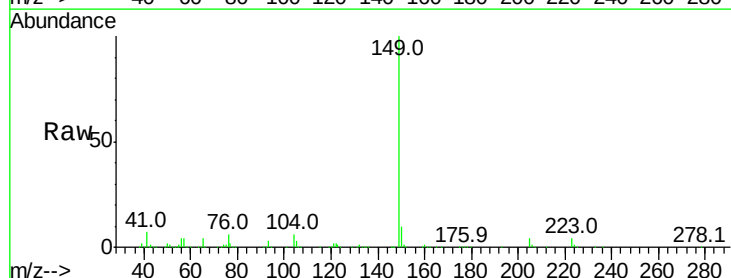
Tgt Ion:149 Resp: 447939

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.4

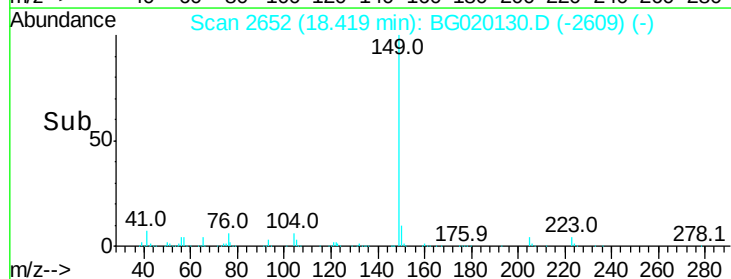
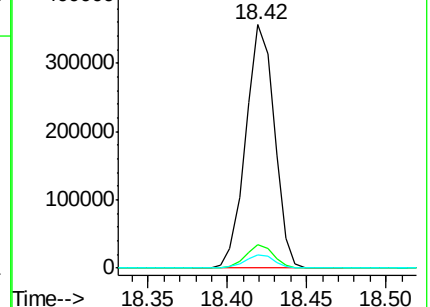
104 5.6 4.4 6.6

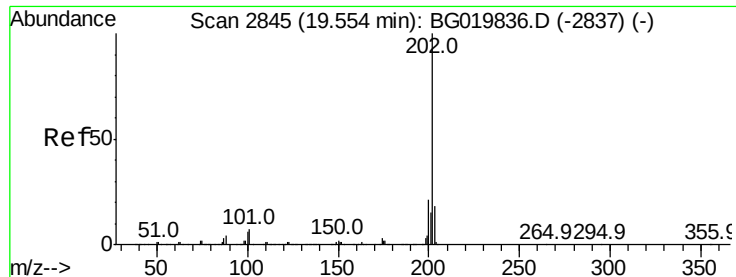


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 46.81 ng

RT: 19.52 min Scan# 2839

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

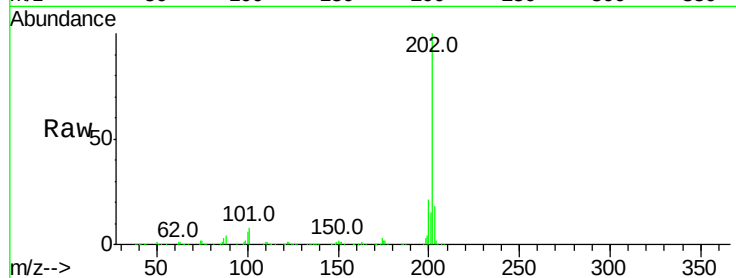
Tot Ion:202 Resp: 542090

Ion Ratio Lower Upper

202 100

101 7.7 0.0 32.4

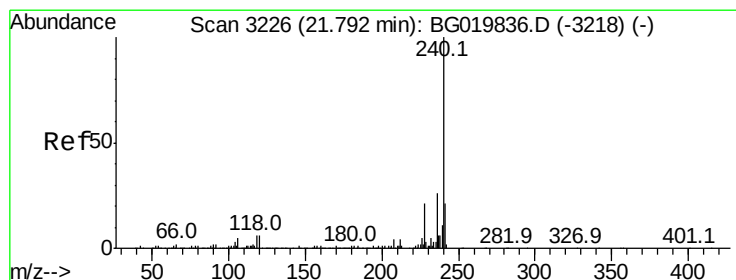
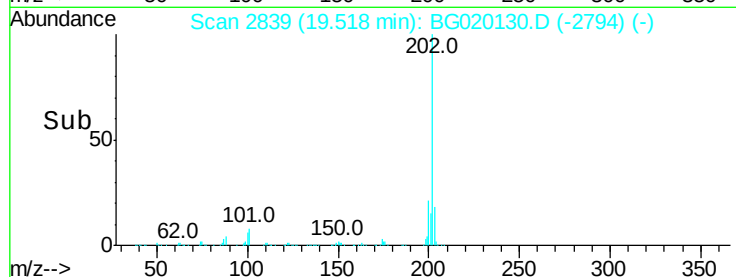
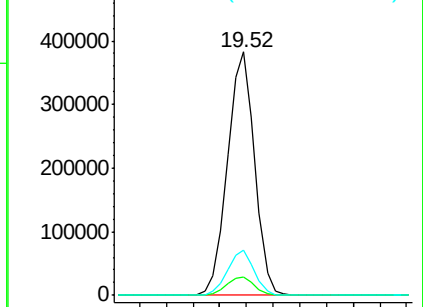
203 18.5 0.0 39.5



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: 21.74 min Scan# 3218

Delta R.T. -0.05 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

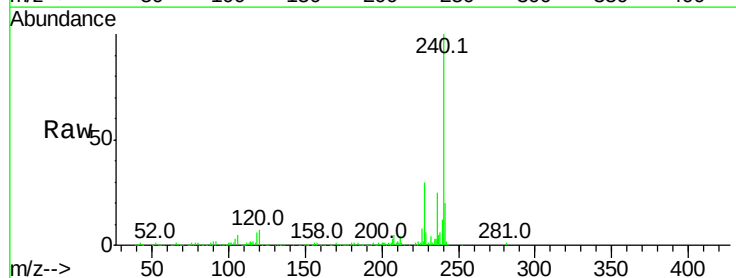
Tgt Ion:240 Resp: 179262

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

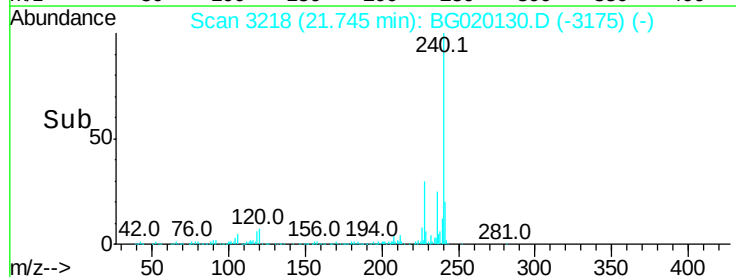
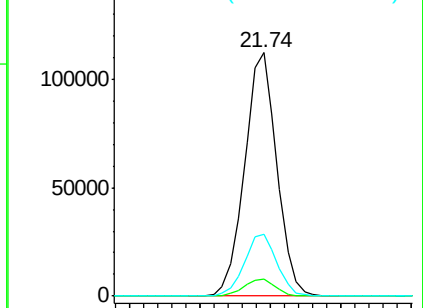
236 25.3 20.7 31.1

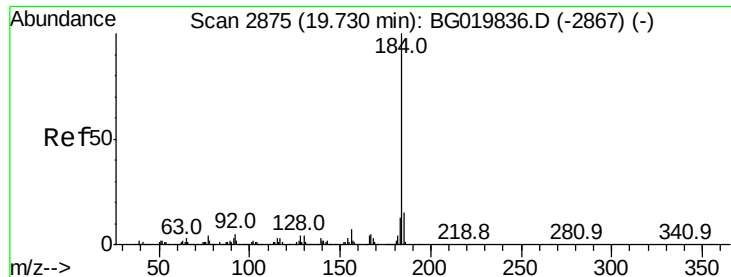


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

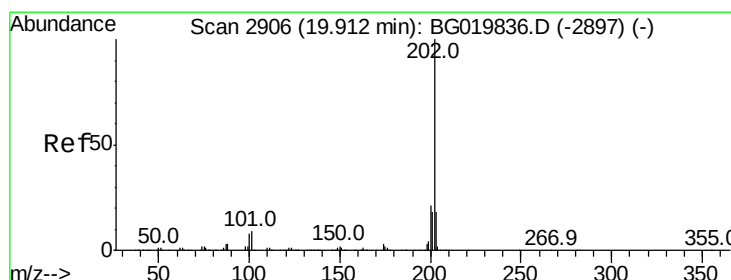
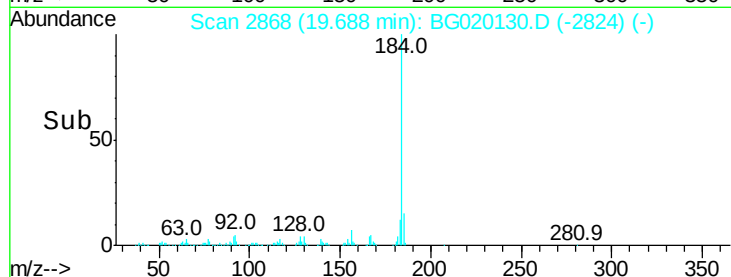
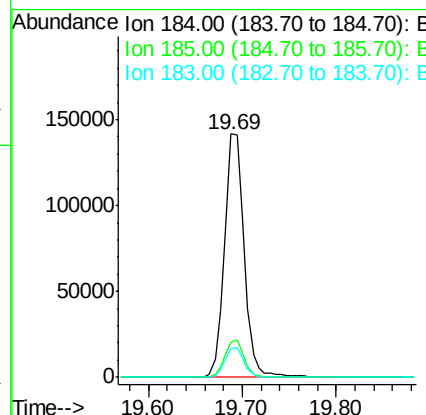
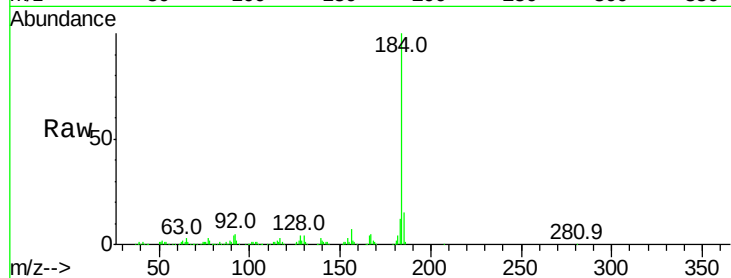




#76
Benzidine
Concen: 35.30 ng
RT: 19.69 min Scan# 2868
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

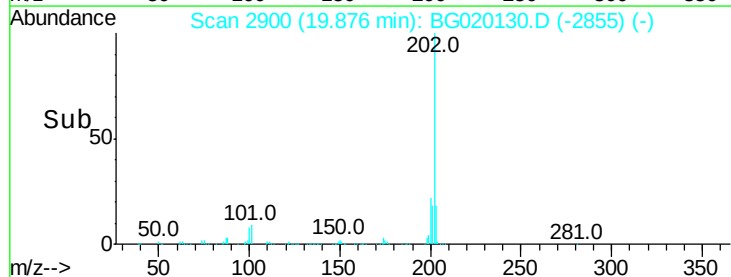
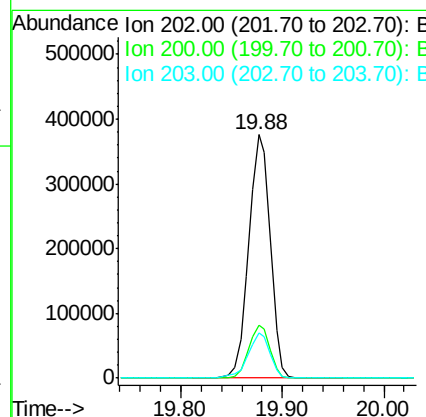
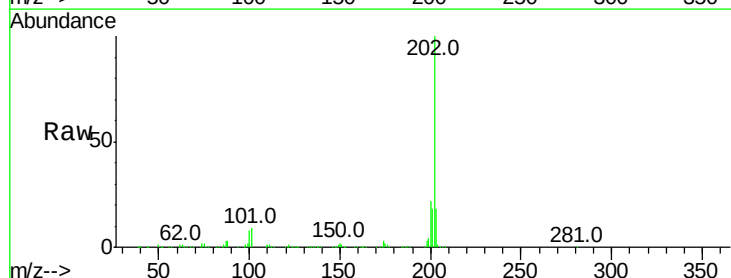
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

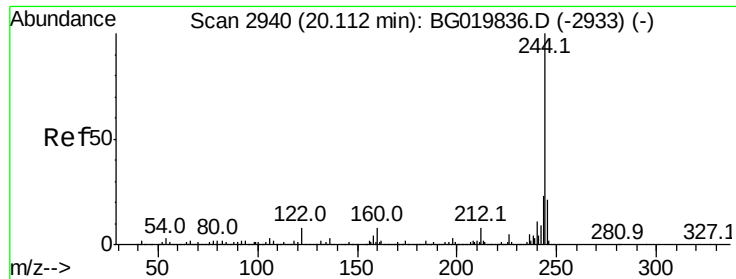
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	11.8	10.1	15.1



#77
Pyrene
Concen: 52.29 ng
RT: 19.88 min Scan# 2900
Delta R.T. -0.04 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.4	29.0
203	18.5	15.5	23.3





#78

Terphenyl-d14

Concen: 94.52 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

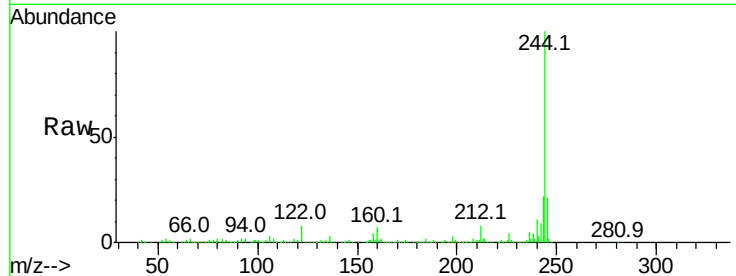
Tot Ion:244 Resp: 694635

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

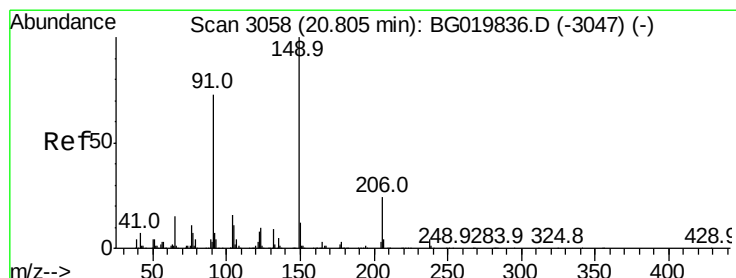
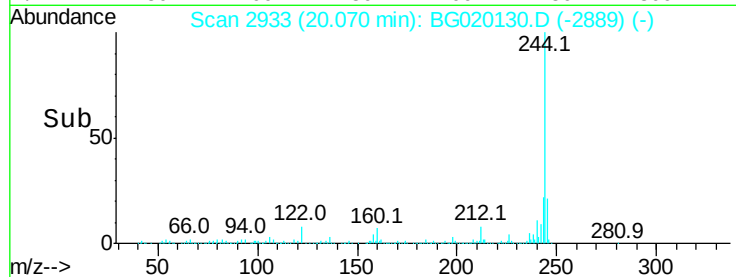
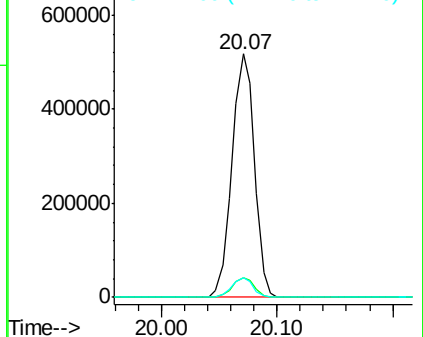
122 7.9 10.2 15.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.73 ng

RT: 20.75 min Scan# 3049

Delta R.T. -0.05 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

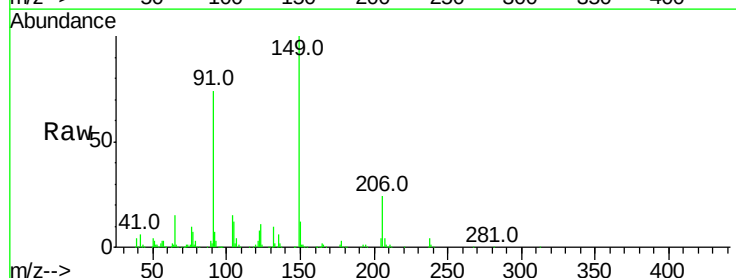
Tgt Ion:149 Resp: 197319

Ion Ratio Lower Upper

149 100

91 73.7 58.1 87.1

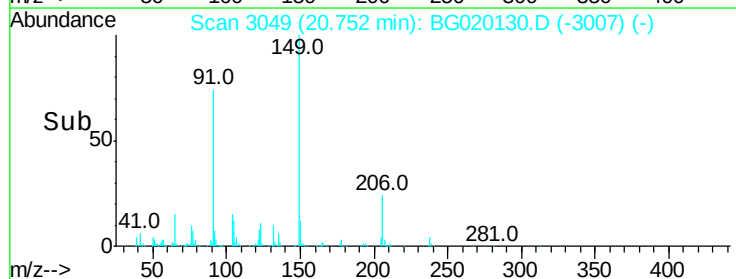
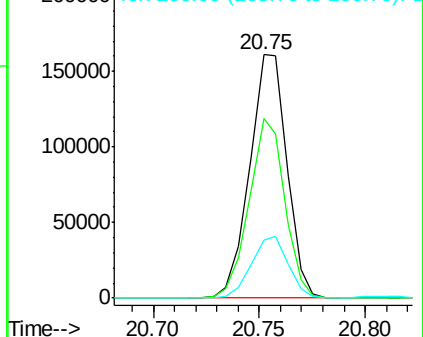
206 23.7 17.8 26.8

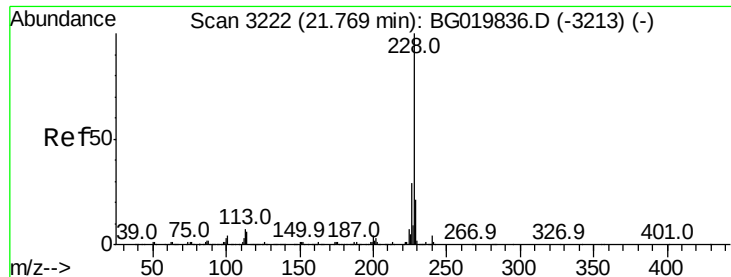


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

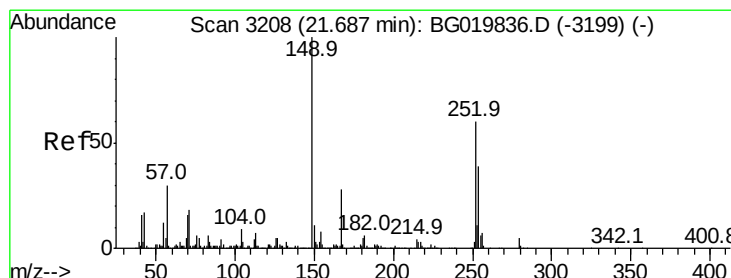
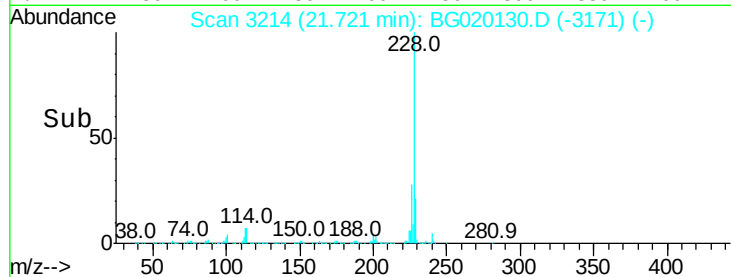
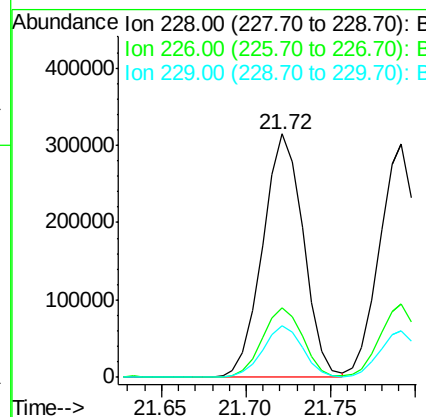
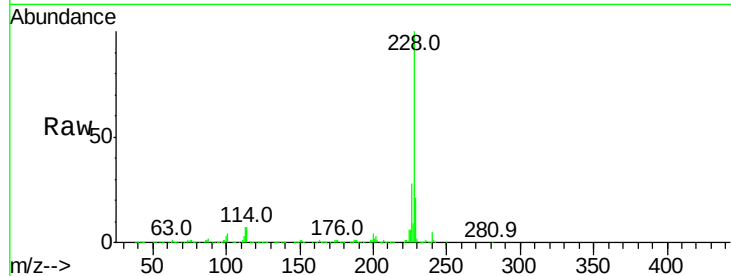




#80
Benzo(a)anthracene
Concen: 48.12 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.05 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

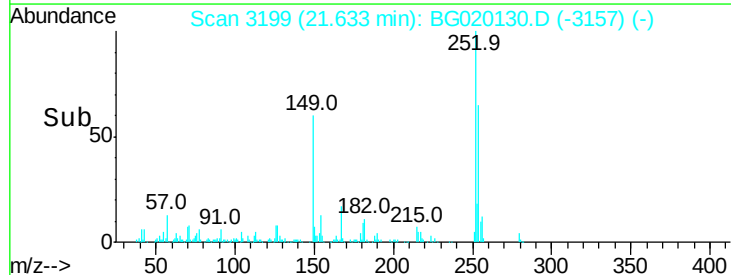
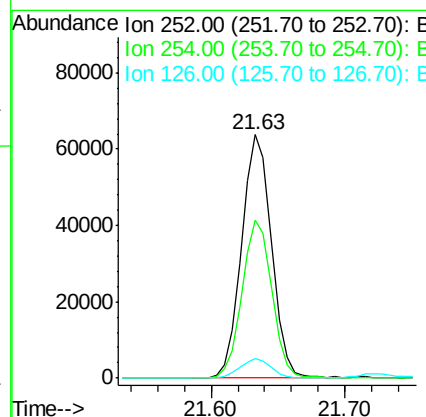
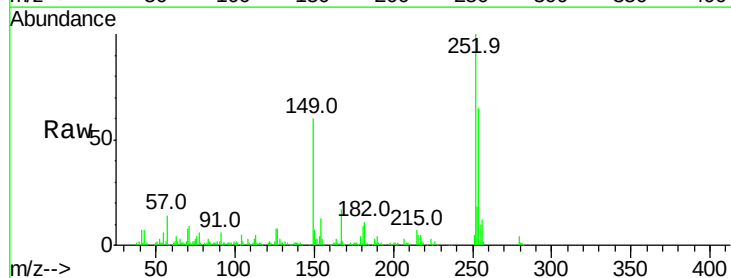
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

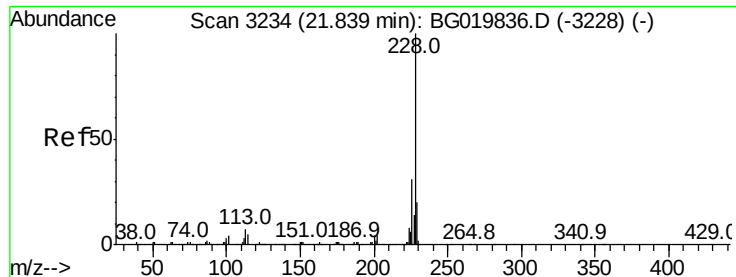
Tot Ion:228 Resp: 528019
Ion Ratio Lower Upper
228 100
226 28.3 23.4 35.0
229 21.2 16.6 25.0



#81
3,3'-Dichlorobenzidine
Concen: 23.60 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.05 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion:252 Resp: 98627
Ion Ratio Lower Upper
252 100
254 64.8 52.5 78.7
126 8.2 8.5 12.7#





#82

Chrysene

Concen: 45.66 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.05 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

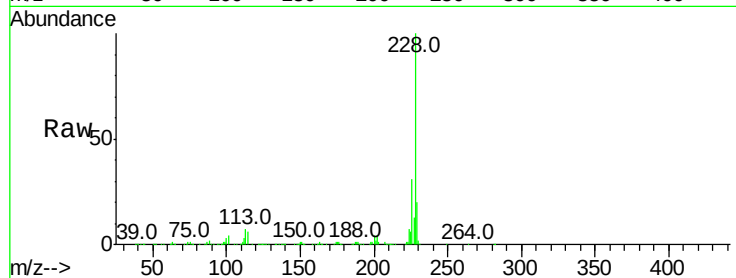
BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

Tot Ion:228 Resp: 475759

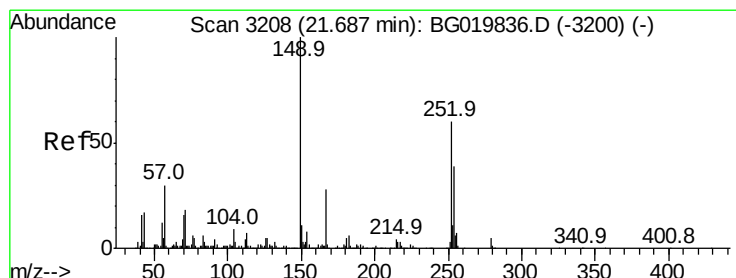
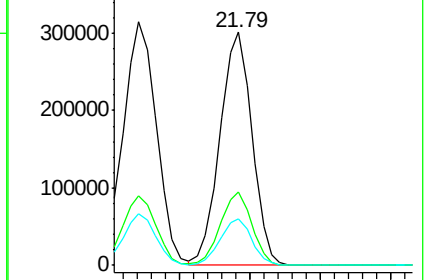
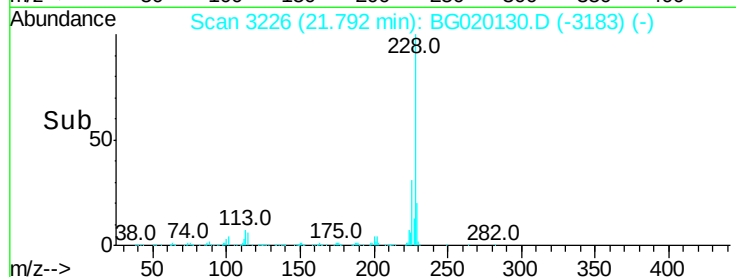
Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.7	40.1
229	19.7	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.53 ng

RT: 21.62 min Scan# 3196

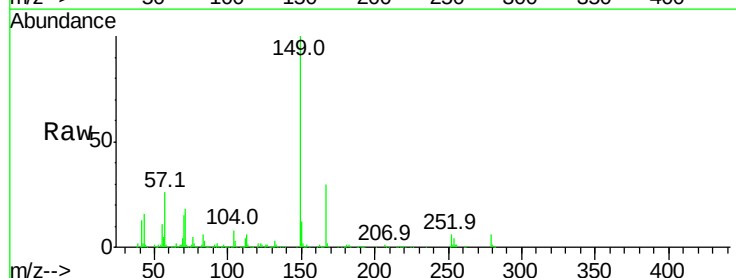
Delta R.T. -0.07 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Tgt Ion:149 Resp: 282276

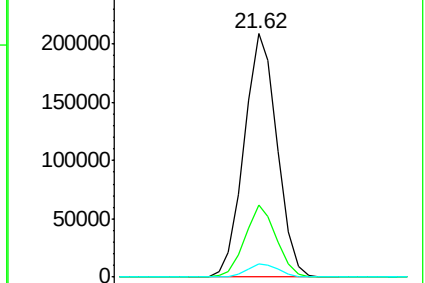
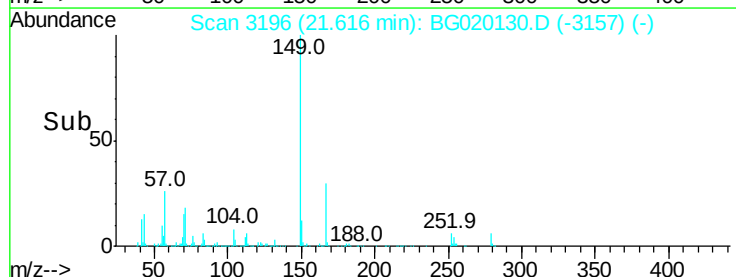
Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.8	35.8
279	5.7	3.4	5.2#

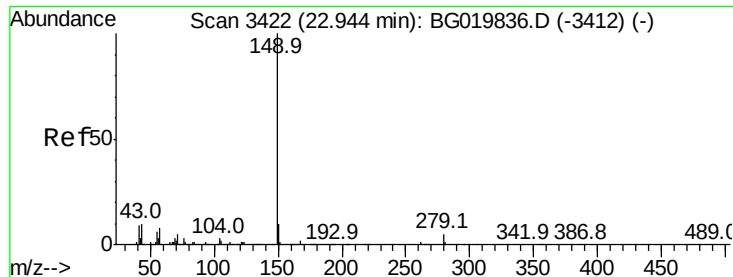


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

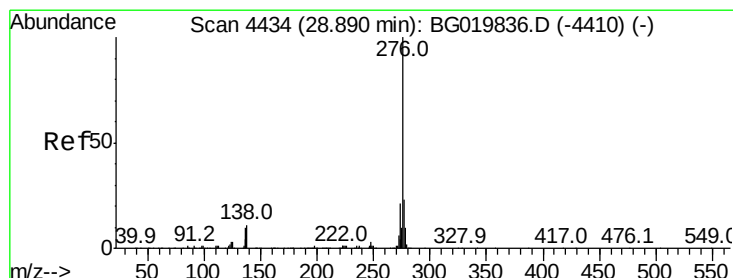
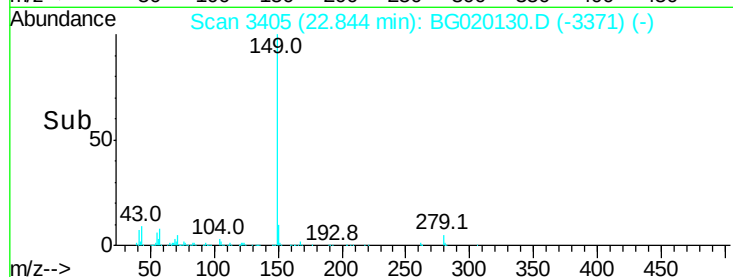
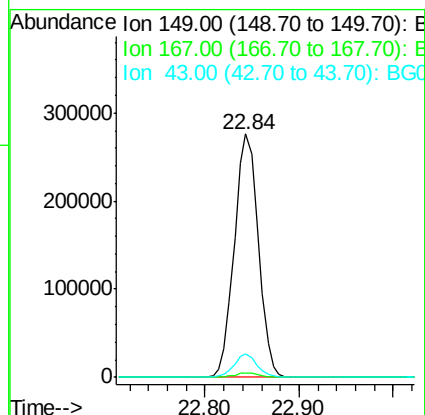
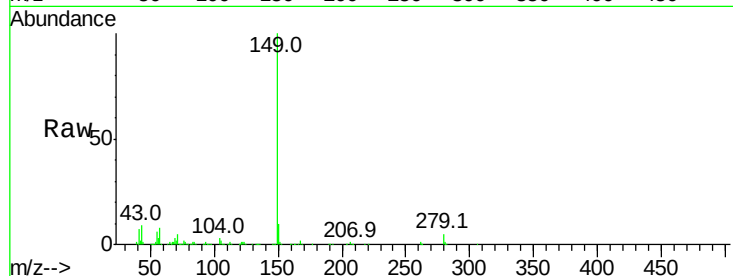




#84
Di-n-octyl phthalate
Concen: 49.62 ng
RT: 22.84 min Scan# 3405
Delta R.T. -0.10 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

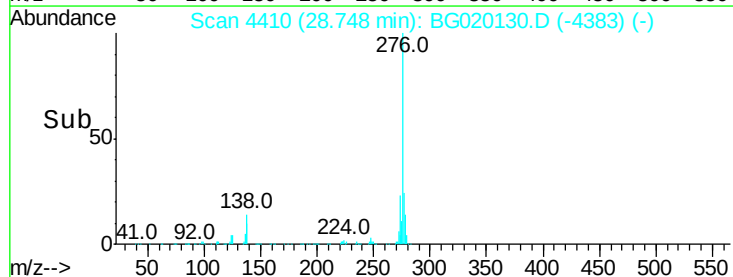
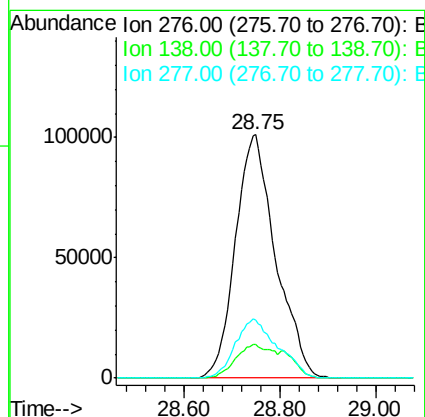
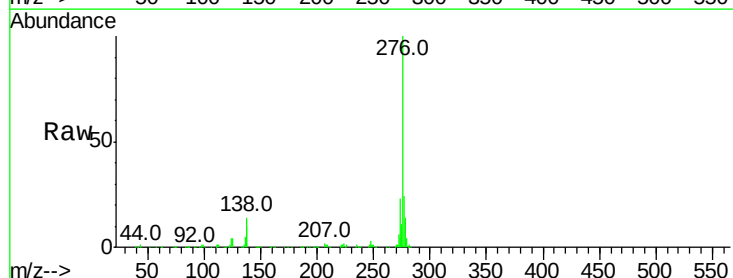
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMSD

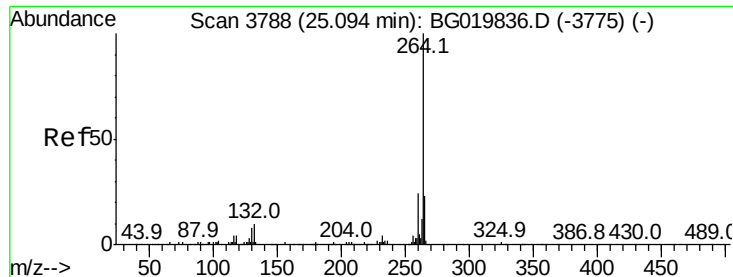
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.3	5.9	8.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 51.31 ng
RT: 28.75 min Scan# 4410
Delta R.T. -0.14 min
Lab File: BG020130.D
Acq: 12 Dec 2015 6:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	0.0	0.0#
277	25.6	0.0	0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.01 min Scan# 3774

Delta R.T. -0.08 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

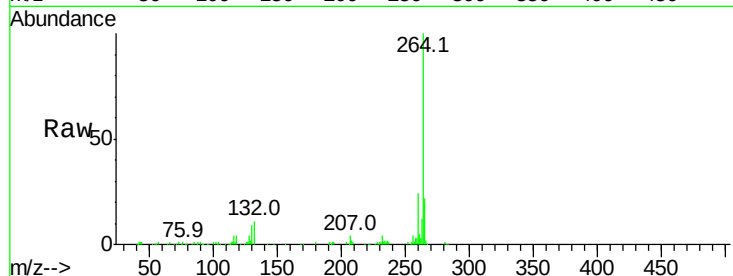
Tot Ion:264 Resp: 168419

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

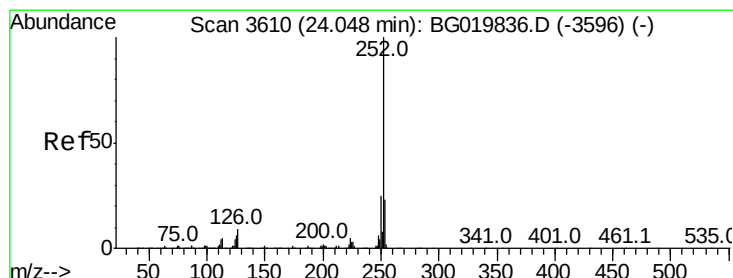
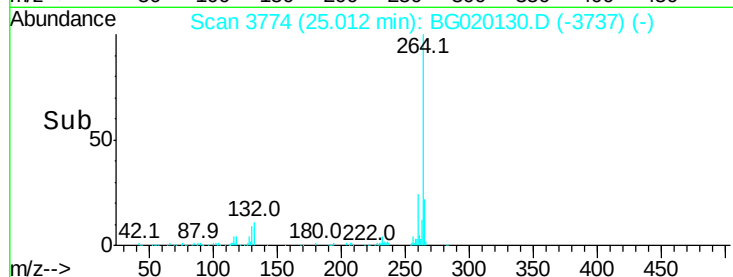
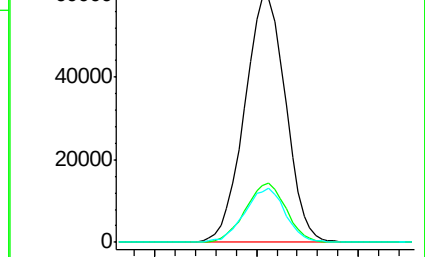
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 48.84 ng

RT: 23.97 min Scan# 3597

Delta R.T. -0.08 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

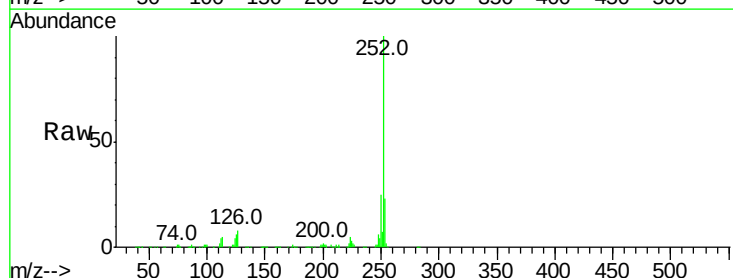
Tgt Ion:252 Resp: 521296

Ion Ratio Lower Upper

252 100

253 22.7 19.1 28.7

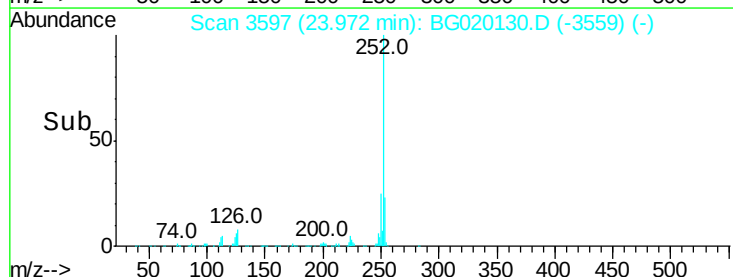
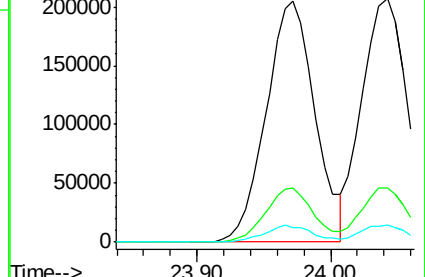
125 6.2 8.9 13.3#

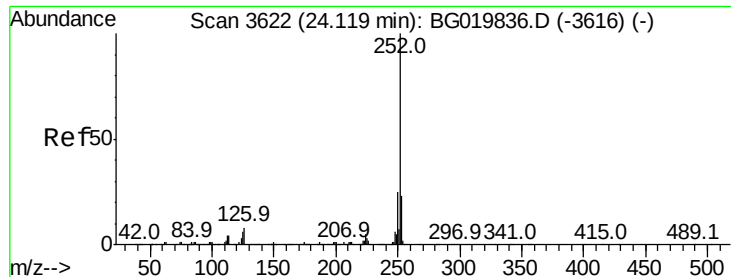


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 46.00 ng

RT: 24.04 min Scan# 3609

Delta R.T. -0.08 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

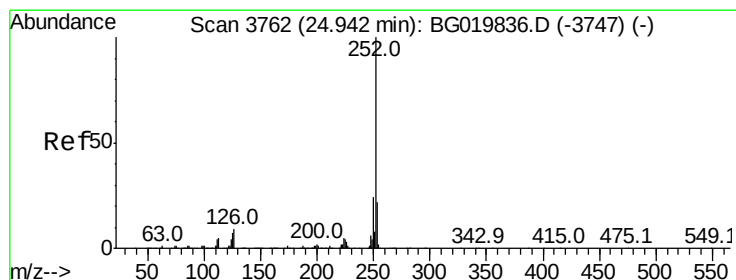
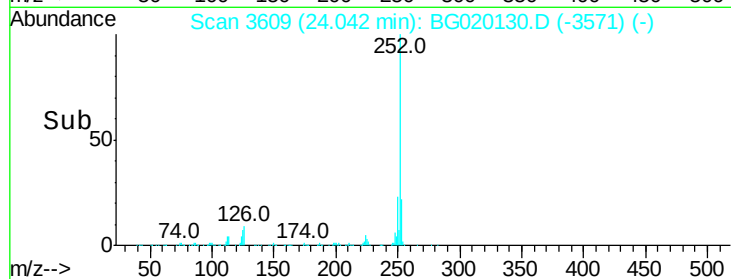
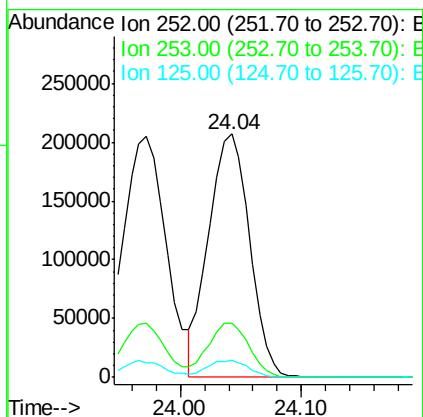
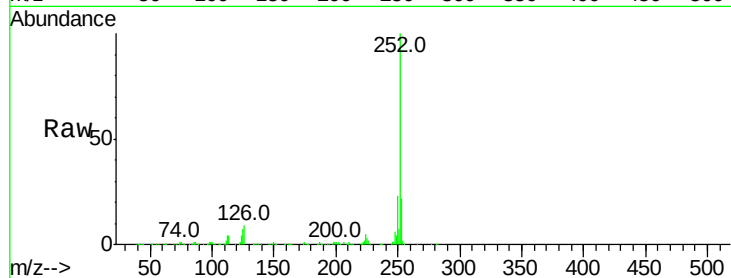
Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

Tot Ion:252	Resp:	486257
Ion Ratio	Lower	Upper
252 100		
253 22.3	19.0	28.4
125 6.9	8.9	13.3#



#89

Benzo(a)pyrene

Concen: 48.58 ng

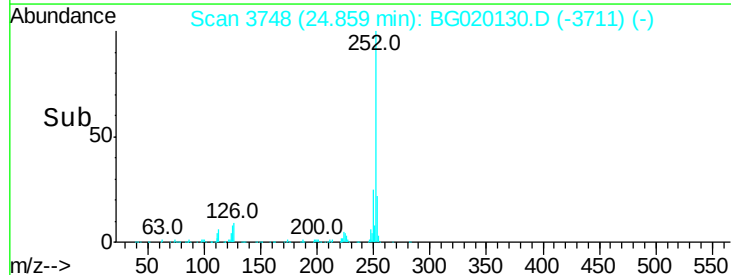
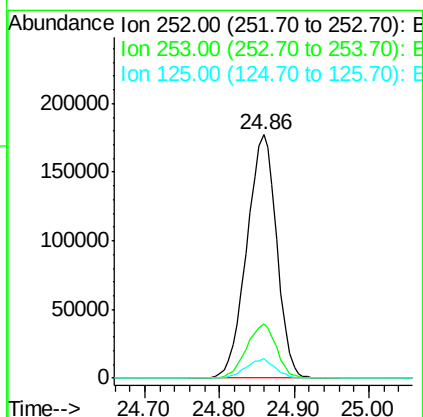
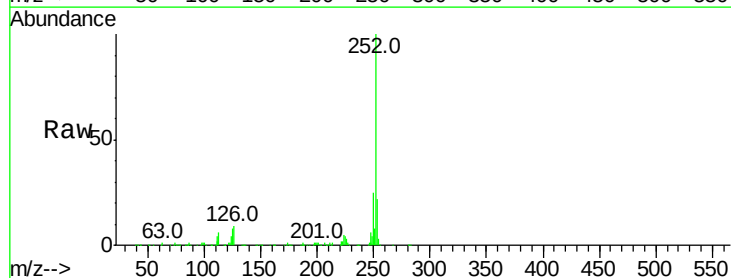
RT: 24.86 min Scan# 3748

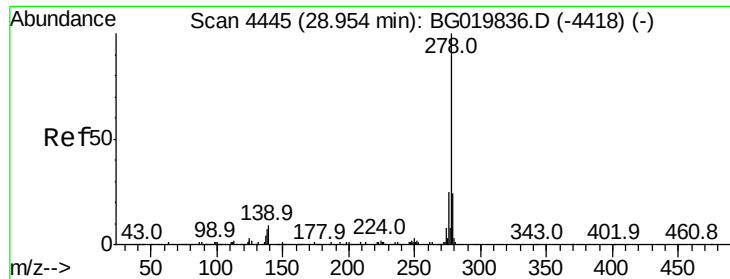
Delta R.T. -0.08 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Tgt Ion:252	Resp:	492274
Ion Ratio	Lower	Upper
252 100		
253 22.5	18.7	28.1
125 8.1	9.1	13.7#





#90

Dibenzo(a,h)anthracene

Concen: 49.02 ng

RT: 28.81 min Scan# 4420

Delta R.T. -0.15 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMSD

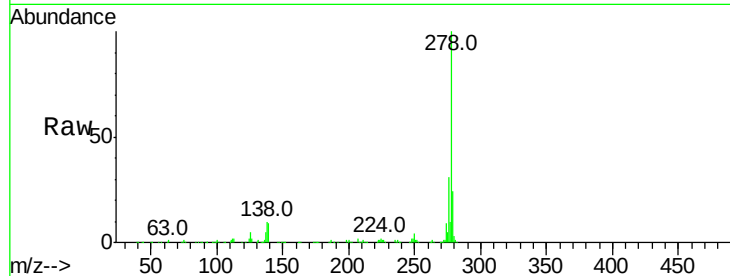
Tot Ion:278 Resp: 490821

Ion	Ratio	Lower	Upper
278	100		
139	9.2	13.8	20.6#
279	23.9	19.4	29.0

278 100

139 9.2 13.8 20.6#

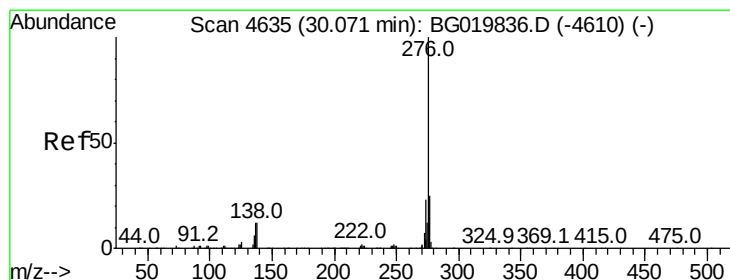
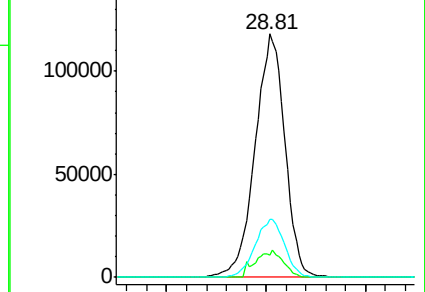
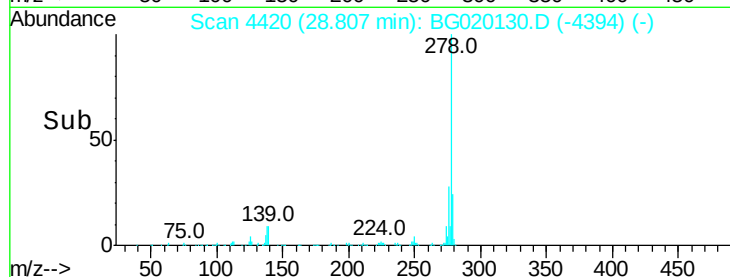
279 23.9 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 49.15 ng

RT: 29.92 min Scan# 4610

Delta R.T. -0.15 min

Lab File: BG020130.D

Acq: 12 Dec 2015 6:32

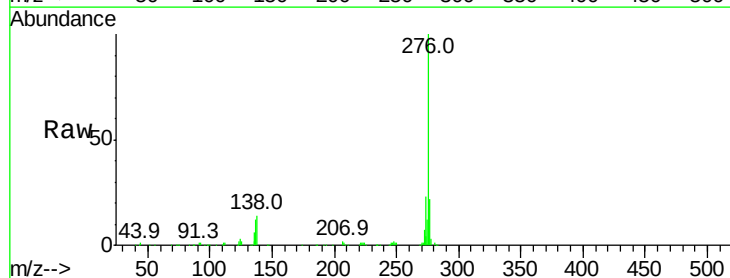
Tgt Ion:276 Resp: 483227

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.4	27.6
138	14.1	17.4	26.0#

276 100

277 22.5 18.4 27.6

138 14.1 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

