

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031605.D
 Acq On : 16 Dec 2017 1:51
 Operator : SJ/JU
 Sample : I6884-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 03:17:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	75014	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	344813	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	241847	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	615460	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	620517	20.00	ng	0.00
86) Perylene-d12	25.02	264	558865	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	259568	61.33	ng	0.00
7) Phenol-d6	7.27	99	203957	34.72	ng	0.00
23) Nitrobenzene-d5	9.27	82	502101	89.75	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	430537	151.95	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1442840	87.57	ng	0.00
78) Terphenyl-d14	20.06	244	2356046	86.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	25691	12.723	ng	# 83
3) Pyridine	3.91	79	49504	9.311	ng	86
4) n-Nitrosodimethylamine	3.82	42	36161	14.440	ng	# 89
6) Aniline	7.42	93	124916	16.145	ng	91
8) 2-Chlorophenol	7.66	128	190119	40.274	ng	86
9) Benzaldehyde	7.24	77	157917	46.372	ng	87
10) Phenol	7.29	94	78555	13.016	ng	91
11) bis(2-Chloroethyl)ether	7.51	93	218603	44.378	ng	88
12) 1,3-Dichlorobenzene	8.13	146	236284	42.090	ng	97
13) 1,4-Dichlorobenzene	8.13	146	236284	40.499	ng	95
14) 1,2-Dichlorobenzene	8.45	146	229427	41.281	ng	97
15) Benzyl Alcohol	8.34	79	107824	23.461	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.62	45	315494	57.010	ng	92
17) 2-Methylphenol	8.55	107	132094	32.108	ng	97
18) Hexachloroethane	9.18	117	79483	40.415	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	180167	38.962	ng	# 93
20) 3+4-Methylphenols	8.88	107	161137	26.292	ng	96
22) Acetophenone	8.92	105	373311	45.129	ng	# 92
24) Nitrobenzene	9.31	77	265751	46.358	ng	91
25) Isophorone	9.83	82	520197	49.204	ng	# 92
26) 2-Nitrophenol	10.03	139	144811	51.086	ng	# 87
27) 2,4-Dimethylphenol	10.08	122	208929	48.519	ng	92
28) bis(2-Chloroethoxy)methane	10.31	93	319853	46.861	ng	95
29) 2,4-Dichlorophenol	10.57	162	259978	51.244	ng	92
30) 1,2,4-Trichlorobenzene	10.77	180	282166	43.541	ng	98
31) Naphthalene	10.96	128	732436	43.238	ng	98
32) Benzoic acid	10.24	122	8964	10.854	ng	# 83
33) 4-Chloroaniline	11.08	127	106405	14.467	ng	94
34) Hexachlorobutadiene	11.24	225	172346	40.094	ng	95
35) Caprolactam	11.87	113	6251	3.138	ng	# 64
36) 4-Chloro-3-methylphenol	12.20	107	244398	42.203	ng	# 84
37) 2-Methylnaphthalene	12.56	142	605310	46.151	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	400762	42.400	ng	97
40) Hexachlorocyclopentadiene	12.90	237	209317	69.123	ng	91

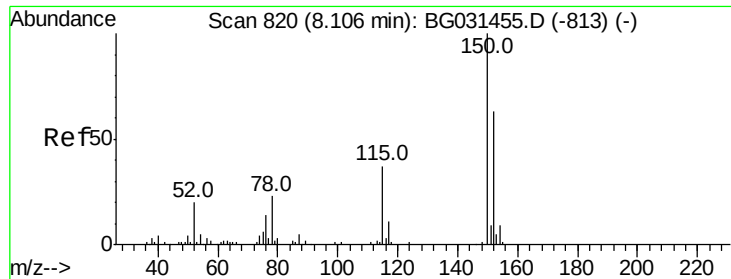
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
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 Acq On : 16 Dec 2017 1:51
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Quant Time: Dec 16 03:17:02 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	250189	51.808	nq	98
43) 2,4,5-Trichlorophenol	13.25	196	271916	52.272	nq #	93
45) 1,1'-Biphenyl	13.56	154	869816	43.789	nq	97
46) 2-Chloronaphthalene	13.61	162	667683	45.925	nq	96
47) 2-Nitroaniline	13.82	65	189403	46.361	nq #	79
48) Acenaphthylene	14.45	152	1016731	43.462	nq	98
49) Dimethylphthalate	14.17	163	936393	46.767	nq	98
50) 2,6-Dinitrotoluene	14.30	165	218989	51.169	nq #	76
51) Acenaphthene	14.79	154	645276	43.623	nq	97
52) 3-Nitroaniline	14.64	138	87910	20.151	nq #	79
53) 2,4-Dinitrophenol	14.86	184	167506	92.230	nq #	50
54) Dibenzofuran	15.12	168	1074429	45.518	nq	98
55) 4-Nitrophenol	14.97	139	83629	30.656	nq #	79
56) 2,4-Dinitrotoluene	15.10	165	312347	51.385	nq #	72
57) Fluorene	15.77	166	857268	45.326	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	262391	53.663	nq #	89
59) Diethylphthalate	15.53	149	933615	46.518	nq	97
60) 4-Chlorophenyl-phenylether	15.76	204	515531	44.552	nq	91
61) 4-Nitroaniline	15.80	138	196923	43.013	nq	89
62) Azobenzene	16.05	77	724607	43.584	nq	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	153091	41.802	nq	76
65) n-Nitrosodiphenylamine	15.97	169	813279	45.145	nq	100
66) 4-Bromophenyl-phenylether	16.65	248	349485	48.833	nq	96
67) Hexachlorobenzene	16.78	284	360814	48.823	nq	96
68) Atrazine	16.91	200	353066	53.600	nq	98
69) Pentachlorophenol	17.13	266	274985	77.592	nq	99
70) Phenanthrene	17.51	178	1450704	45.133	nq	96
71) Anthracene	17.60	178	1487043	46.777	nq	97
72) Carbazole	17.88	167	1373132	47.731	nq	99
73) Di-n-butylphthalate	18.40	149	1556461	46.850	nq	98
74) Fluoranthene	19.52	202	1856331	46.147	nq	95
76) Benzidine	19.69	184	504113	34.909	nq	97
77) Pyrene	19.87	202	1856746	48.157	nq #	93
79) Butylbenzylphthalate	20.74	149	716538	52.975	nq #	83
80) Benzo(a)anthracene	21.72	228	1766485	47.165	nq	96
81) 3,3'-Dichlorobenzidine	21.62	252	437912	33.595	nq	98
82) Chrysene	21.79	228	1672958	46.593	nq #	95
83) Bis(2-ethylhexyl)phthalate	21.60	149	973027	50.002	nq	99
84) Di-n-octyl phthalate	22.81	149	1559233	48.575	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.80	276	1685055	43.913	nq	98
87) Benzo(b)fluoranthene	23.97	252	1655931	49.561	nq	99
88) Benzo(k)fluoranthene	24.05	252	1598412	46.878	nq	97
89) Benzo(a)pyrene	24.87	252	1529331	48.251	nq	99
90) Dibenzo(a,h)anthracene	28.84	278	1423475	46.965	nq	98
91) Benzo(g,h,i)perylene	29.97	276	1417750	47.579	nq	98

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

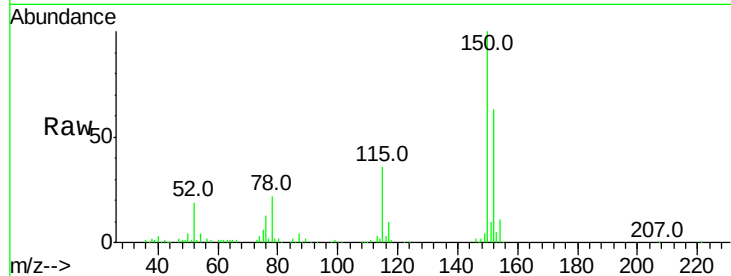


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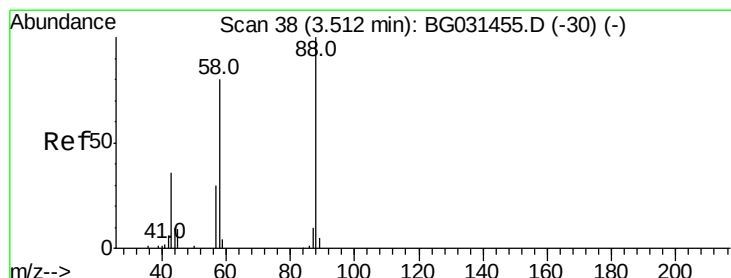
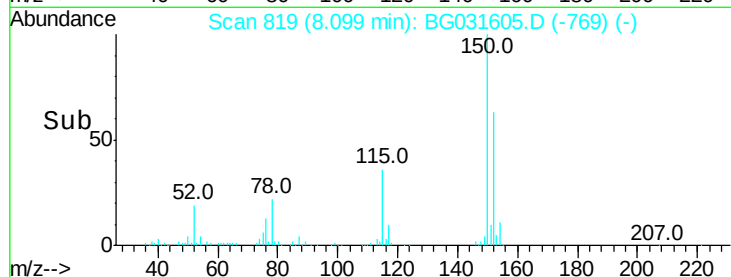
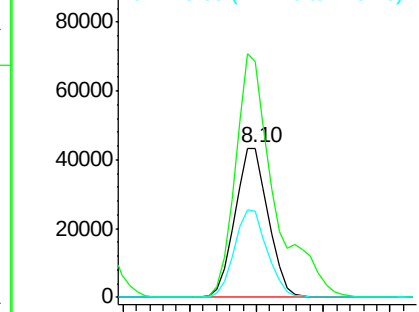
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 75014
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 57.5 53.0 79.4



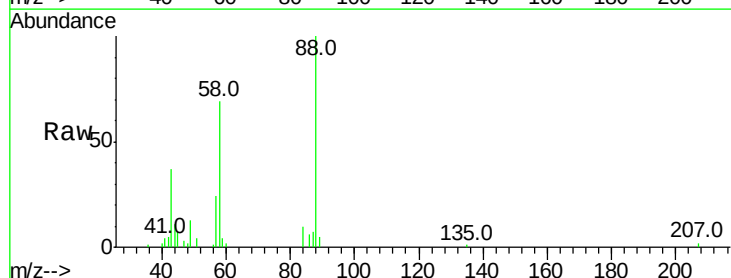
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



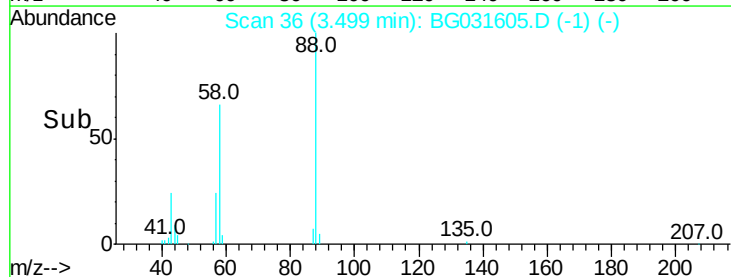
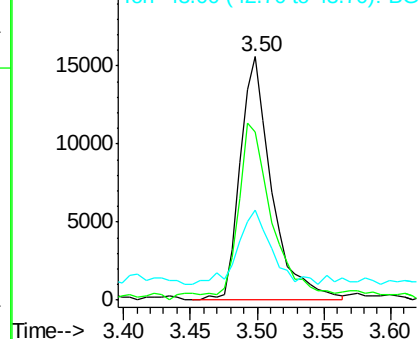
#2

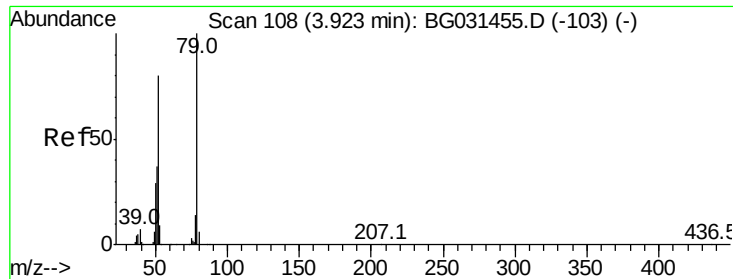
1,4-Dioxane
Concen: 12.723 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion: 88 Resp: 25691
Ion Ratio Lower Upper
88 100
58 78.5 79.6 119.4#
43 32.0 27.4 41.0



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: 9.311 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

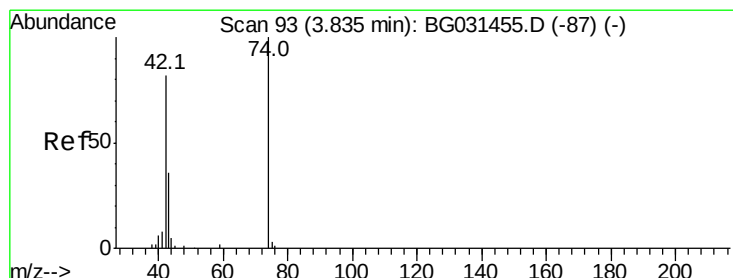
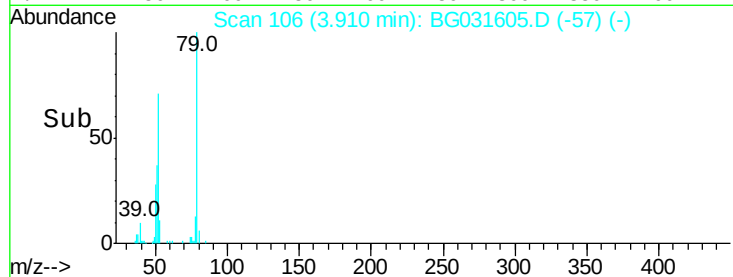
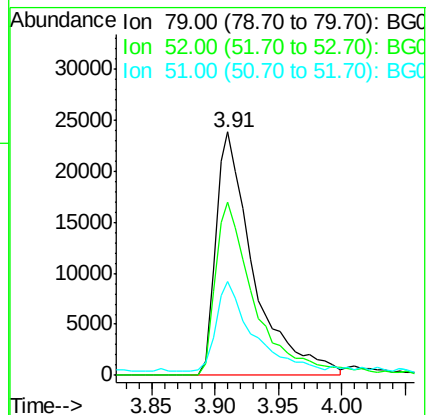
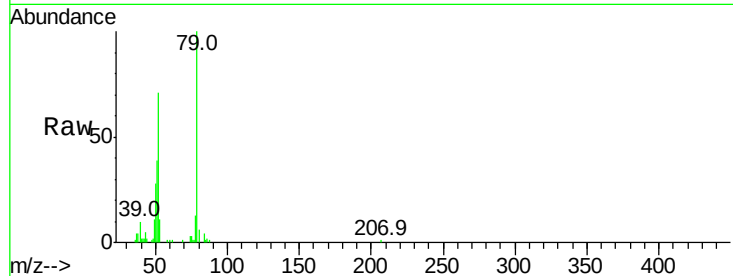
Tot Ion: 79 Resp: 49504

Ion Ratio Lower Upper

79 100

52 71.2 69.9 104.9

51 38.8 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 14.440 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

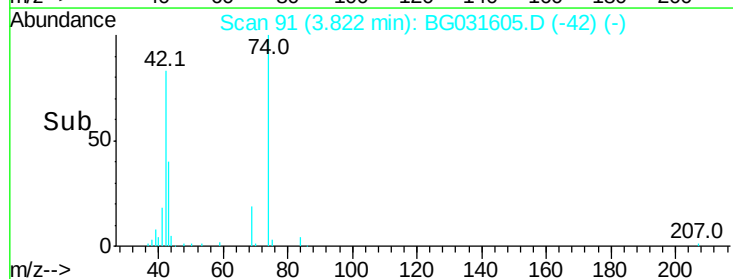
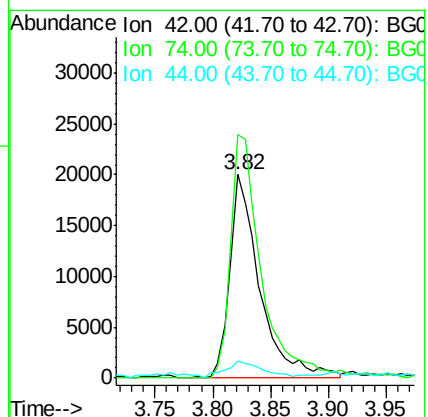
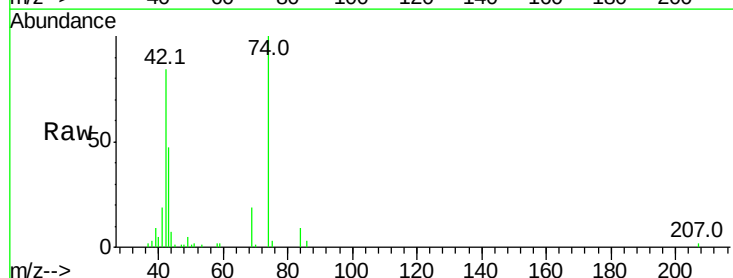
Tgt Ion: 42 Resp: 36161

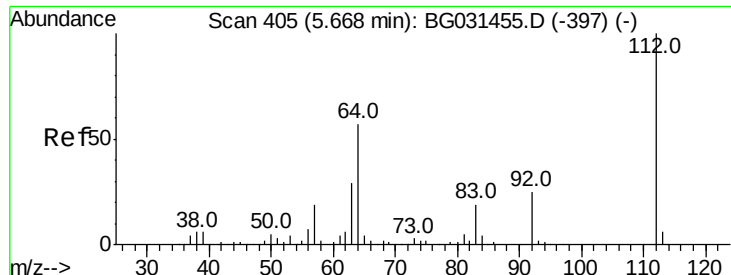
Ion Ratio Lower Upper

42 100

74 119.7 102.5 153.7

44 8.3 18.9 28.3#

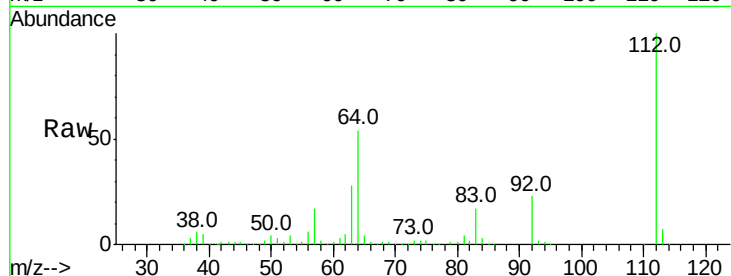




#5
 2-Fluorophenol
 Concen: 61.334 ng
 RT: 5.66 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Instrument :
 BNA_G
 ClientSampleId :

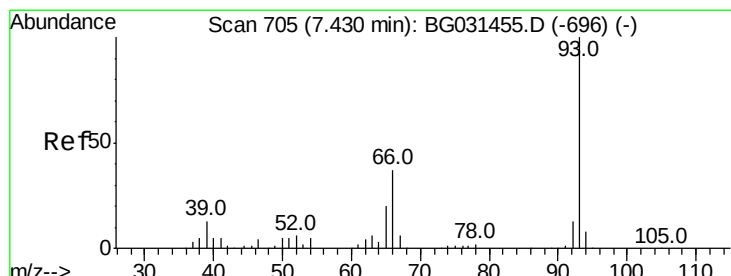
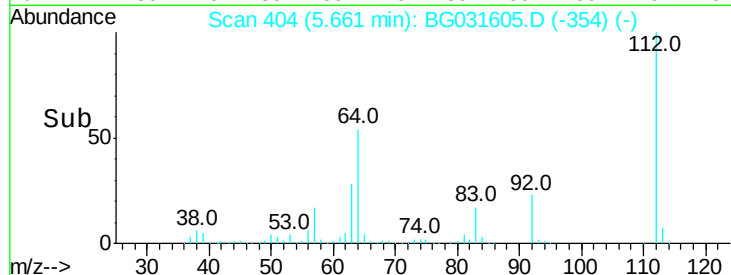
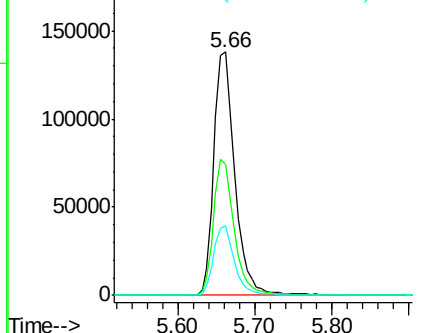
Tot Ion	Ratio	Lower	Upper
112	100		
64	53.6	56.3	84.5#
63	28.4	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

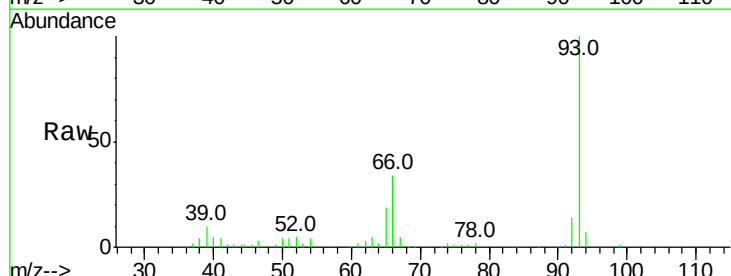
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6
 Aniline
 Concen: 16.145 ng
 RT: 7.42 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

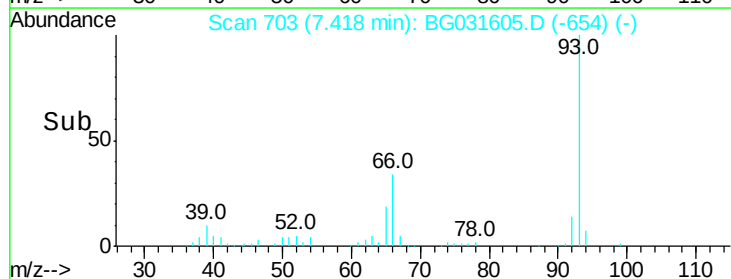
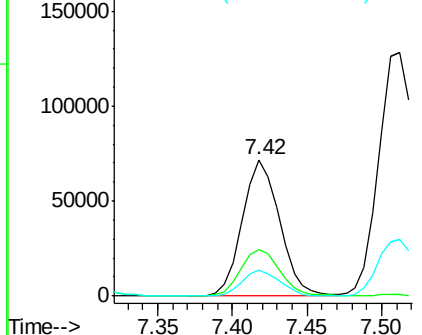
Tgt Ion	Ratio	Lower	Upper
93	100		
66	34.2	33.7	50.5
65	19.4	16.1	24.1

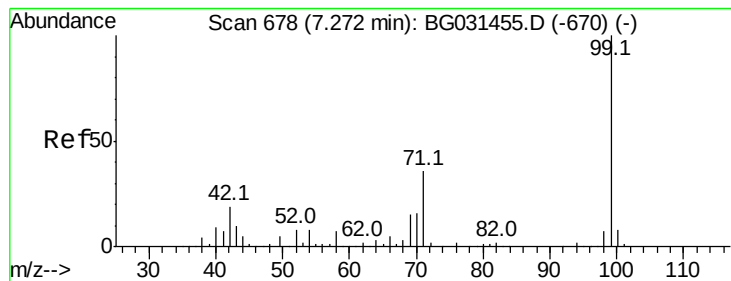


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 34.716 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampled :

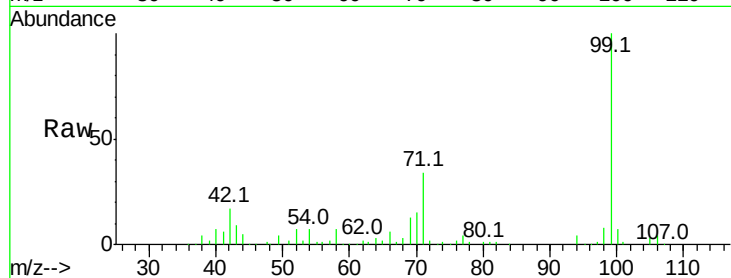
Tot Ion: 99 Resp: 203957

Ion Ratio Lower Upper

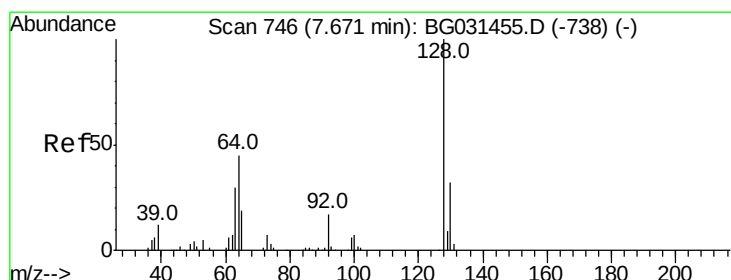
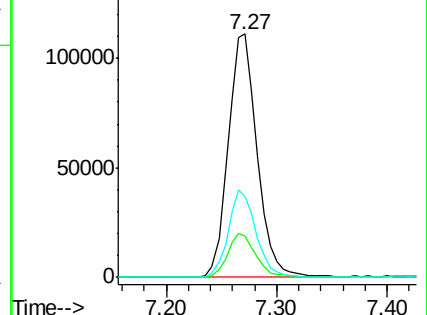
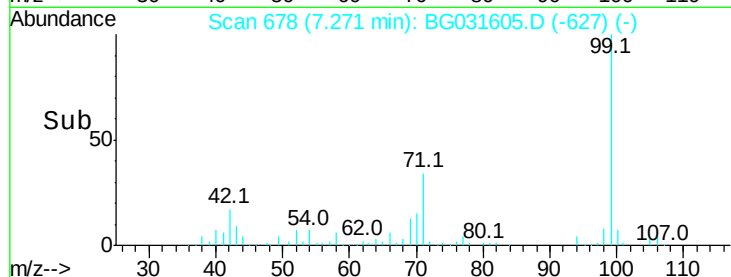
99 100

42 16.9 14.1 21.1

71 33.5 26.1 39.1



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: 40.274 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

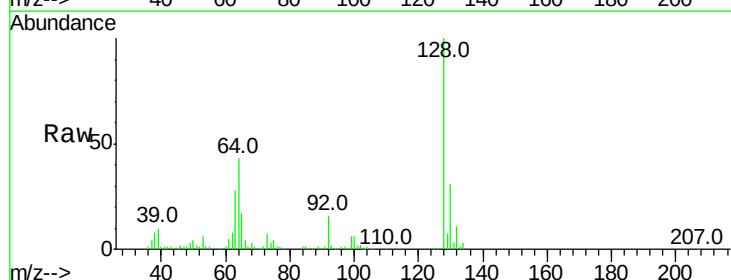
Tgt Ion: 128 Resp: 190119

Ion Ratio Lower Upper

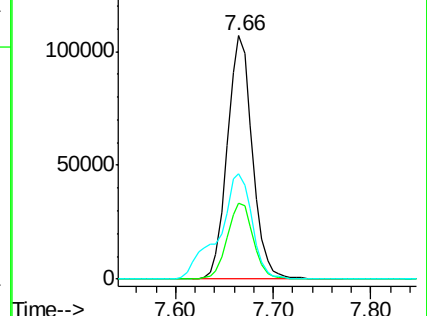
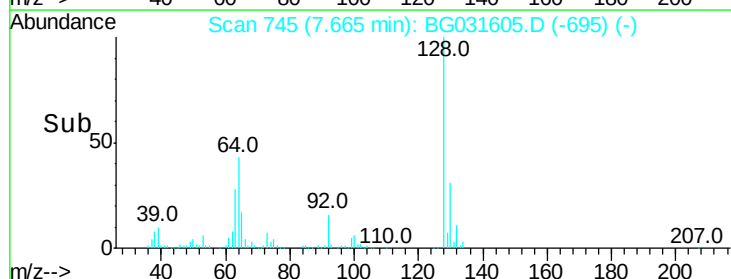
128 100

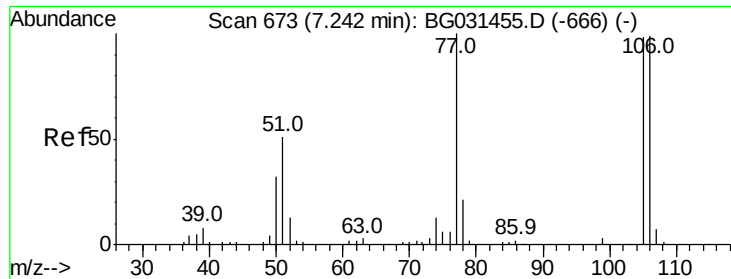
130 31.3 14.0 54.0

64 43.4 37.7 77.7



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

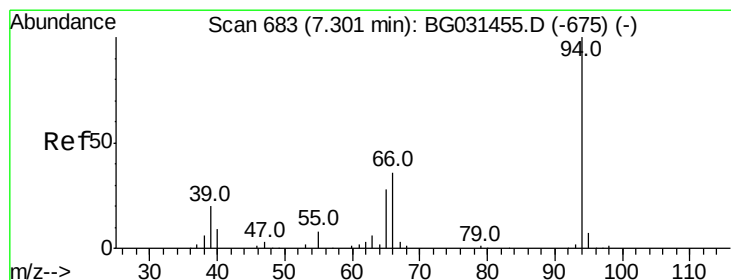
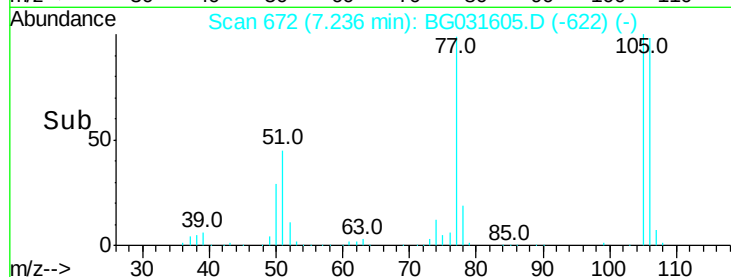
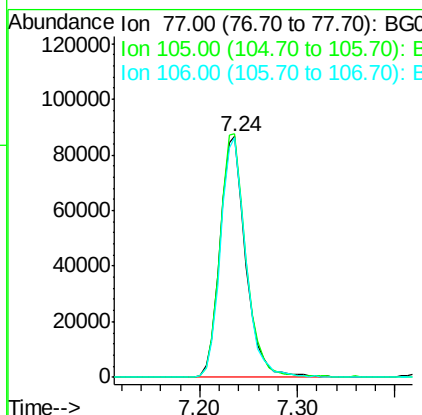
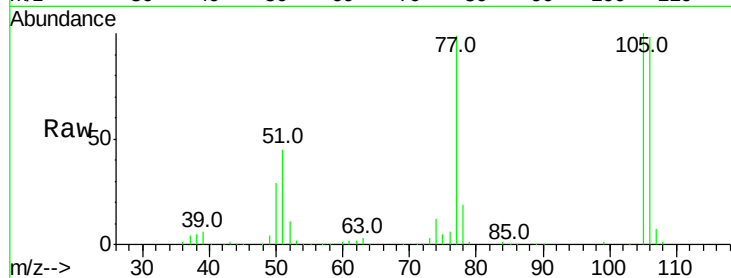




#9
Benzaldehyde
Concen: 46.372 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

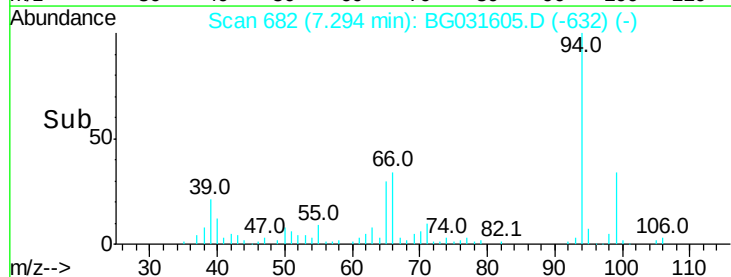
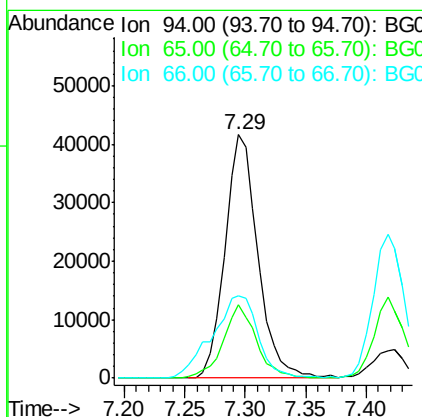
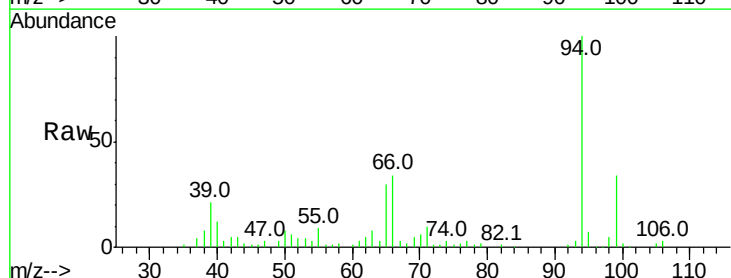
Instrument :
BNA_G
ClientSampled :

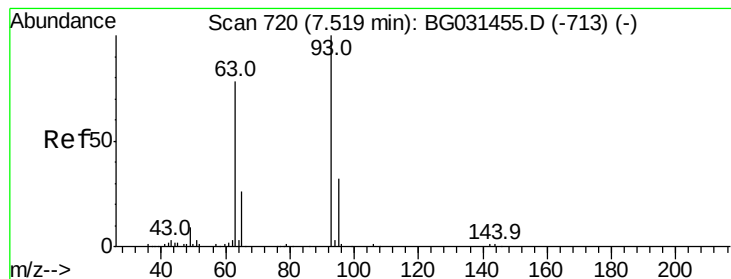
Tot Ion: 77 Resp: 157917
Ion Ratio Lower Upper
77 100
105 101.0 71.3 111.3
106 99.5 64.2 104.2



#10
Phenol
Concen: 13.016 ng
RT: 7.29 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion: 94 Resp: 78555
Ion Ratio Lower Upper
94 100
65 30.1 11.9 51.9
66 33.9 22.2 62.2

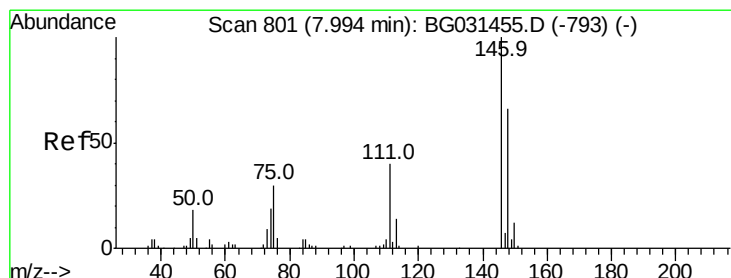
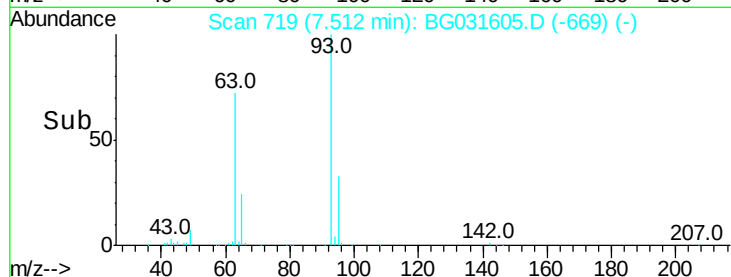
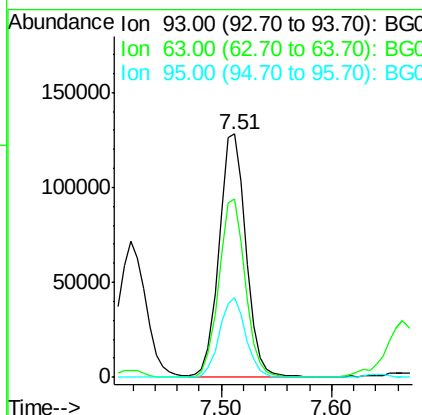
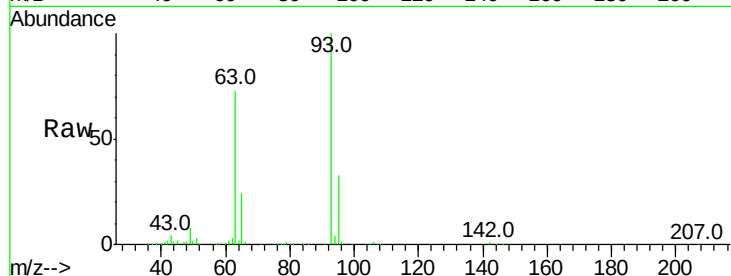




#11
bis(2-Chloroethyl)ether
Concen: 44.378 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

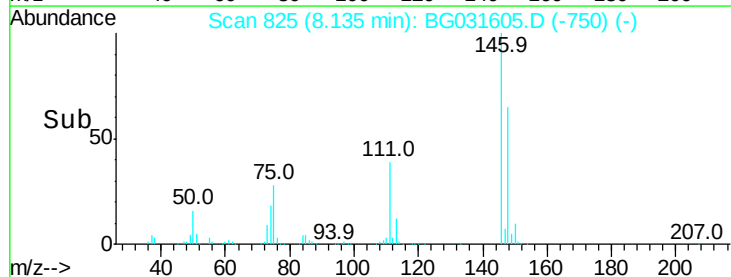
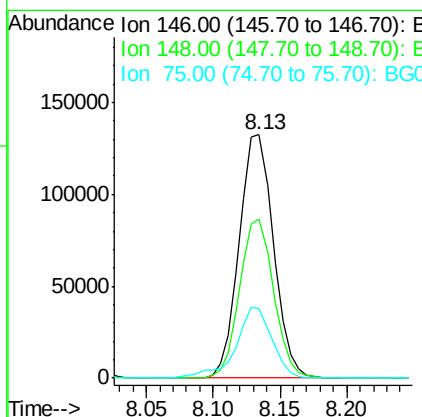
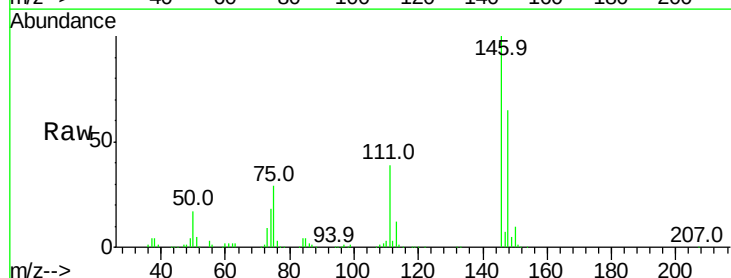
Instrument :
BNA_G
ClientSampleId :

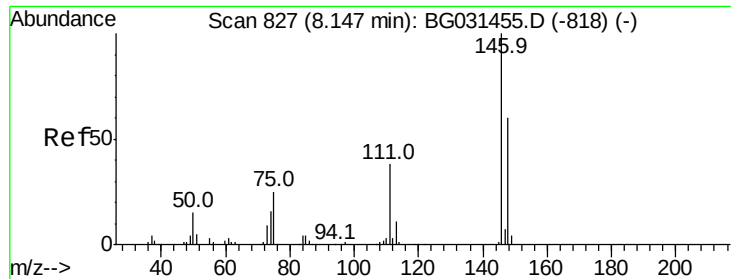
Tot Ion: 93 Resp: 218603
Ion Ratio Lower Upper
93 100
63 73.2 67.1 107.1
95 33.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 42.090 ng
RT: 8.13 min Scan# 825
Delta R.T. 0.14 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion: 146 Resp: 236284
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.2
75 28.6 26.6 39.8

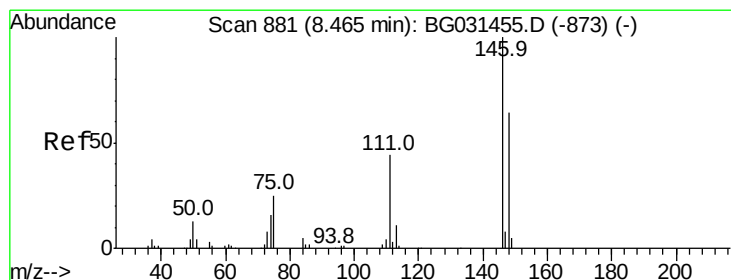
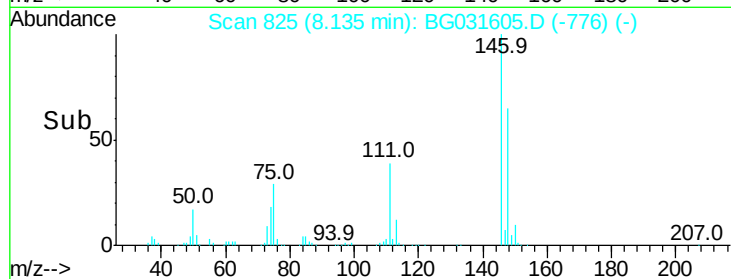
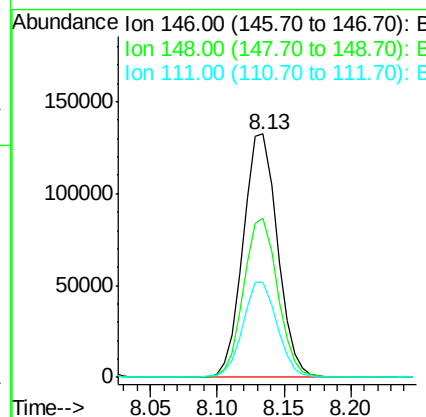
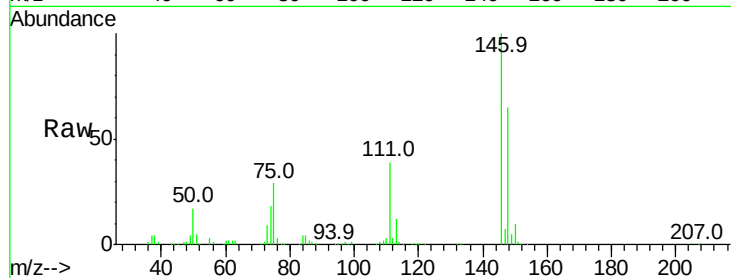




#13
 1,4-Dichlorobenzene
 Concen: 40.499 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

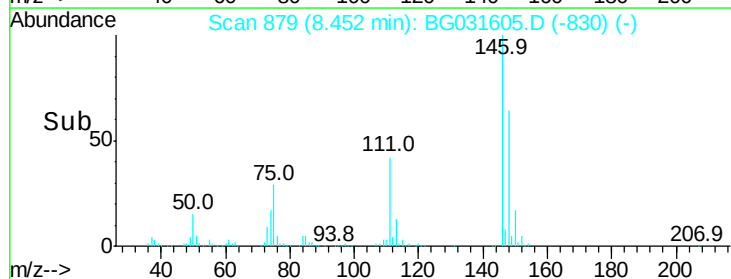
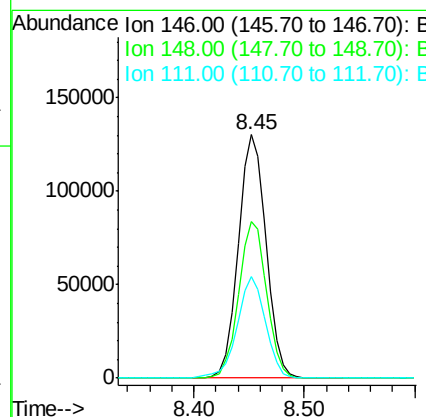
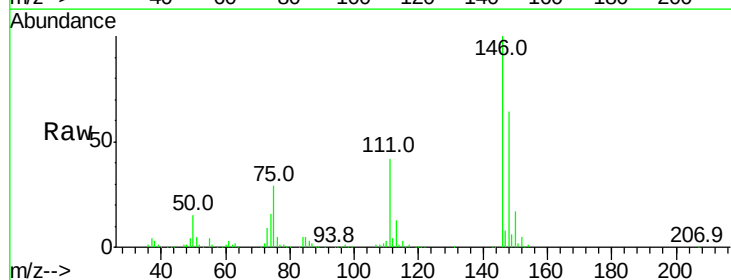
Instrument :
 BNA_G
 ClientSampleId :

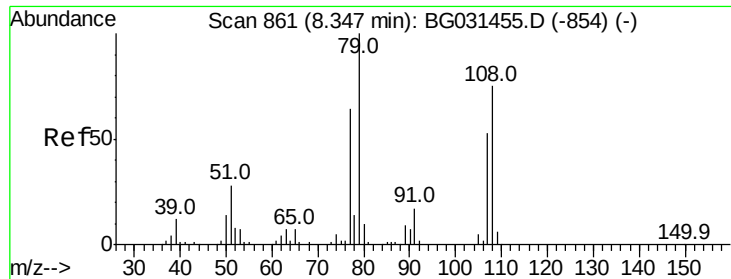
Tot Ion:146 Resp: 236284
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.7 80.5
 111 38.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.281 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion:146 Resp: 229427
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 41.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 23.461 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

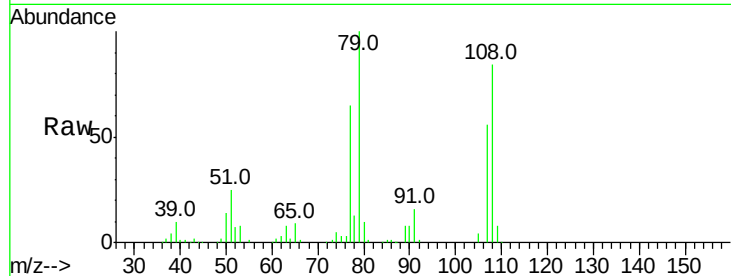
Tot Ion: 79 Resp: 107824

Ion Ratio Lower Upper

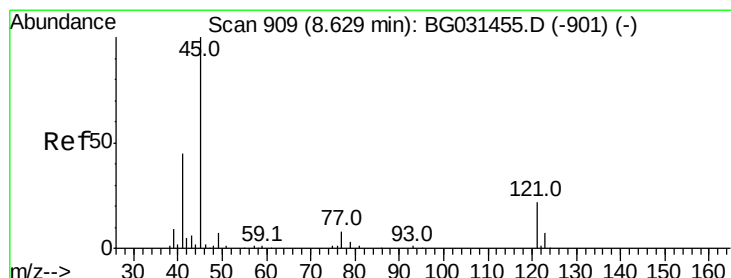
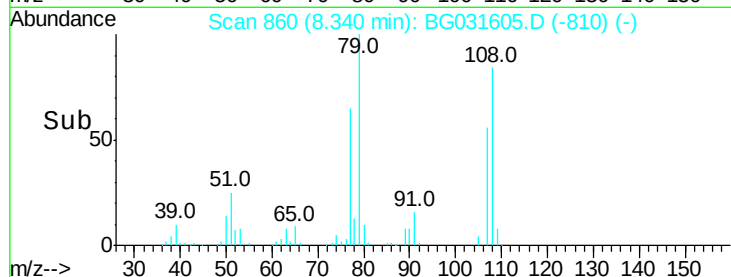
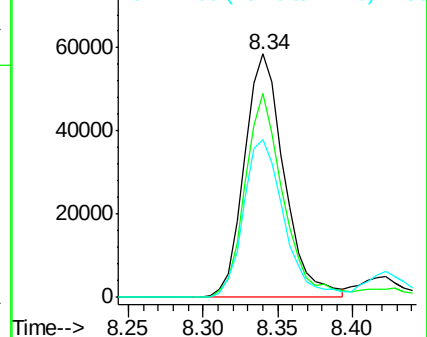
79 100

108 83.8 57.2 85.8

77 64.6 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.010 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

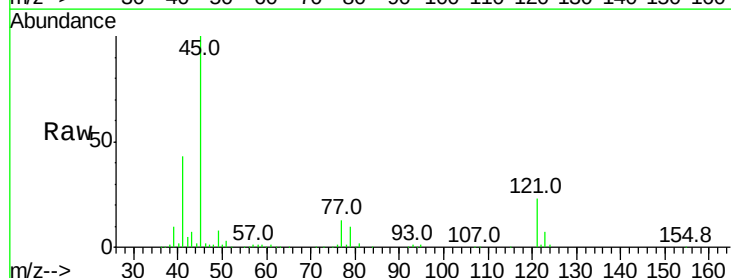
Tgt Ion: 45 Resp: 315494

Ion Ratio Lower Upper

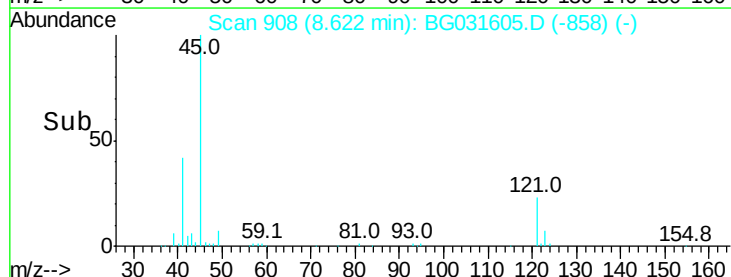
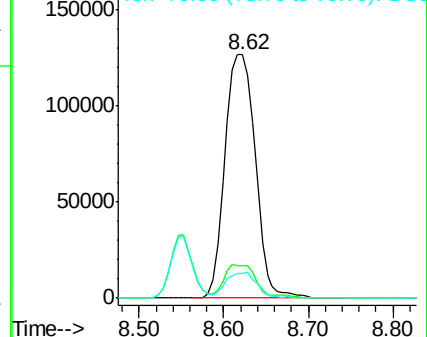
45 100

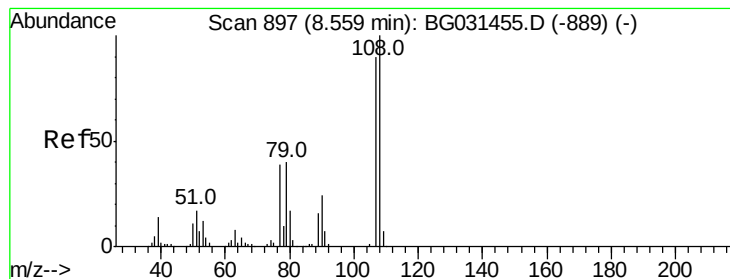
77 13.2 0.0 30.2

79 10.4 0.0 27.9



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





#17

2-Methylphenol

Concen: 32.108 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 132094

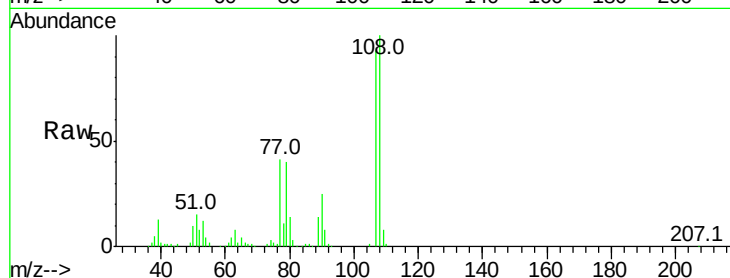
Ion Ratio Lower Upper

107 100

108 107.9 83.9 125.9

77 43.9 37.2 55.8

79 43.5 36.2 54.2

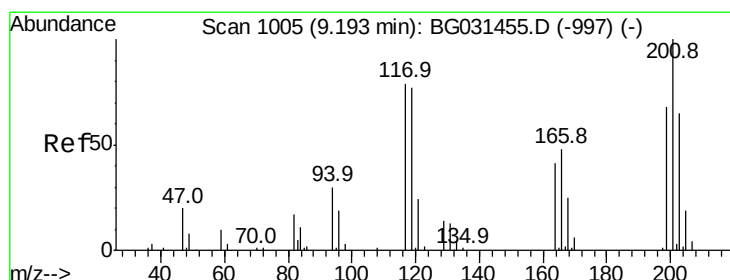
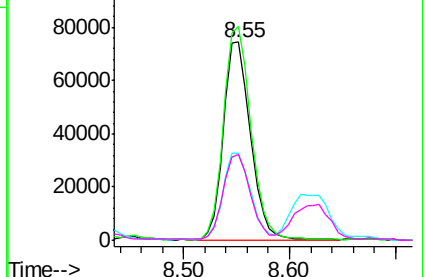
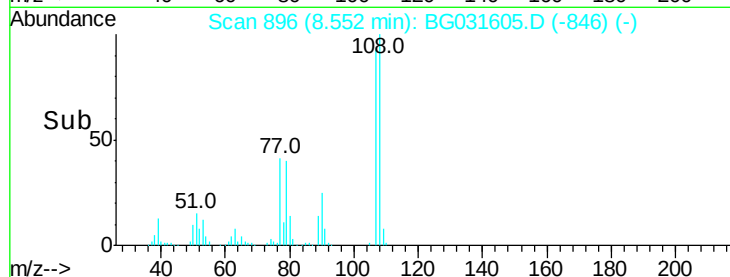


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.415 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

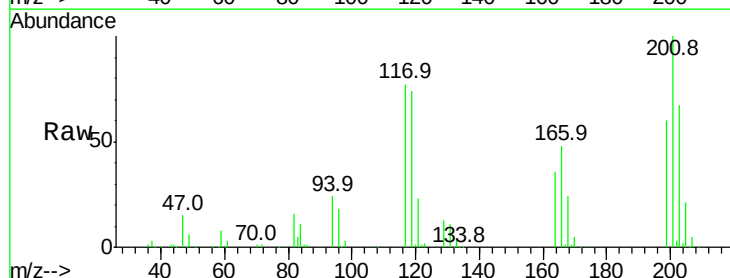
Tgt Ion:117 Resp: 79483

Ion Ratio Lower Upper

117 100

119 96.6 76.7 115.1

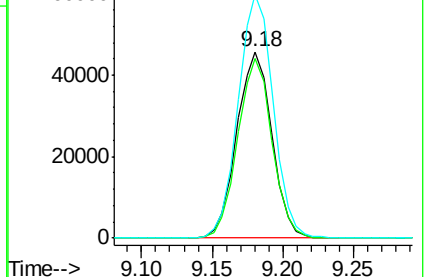
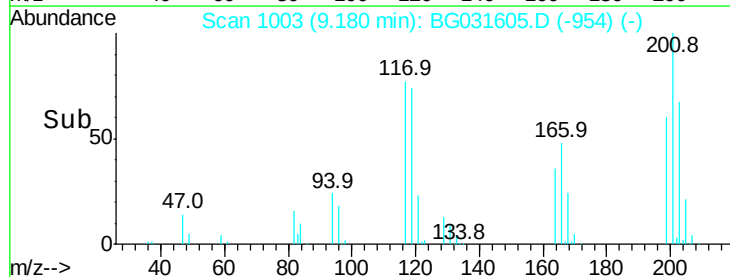
201 130.7 95.7 143.5

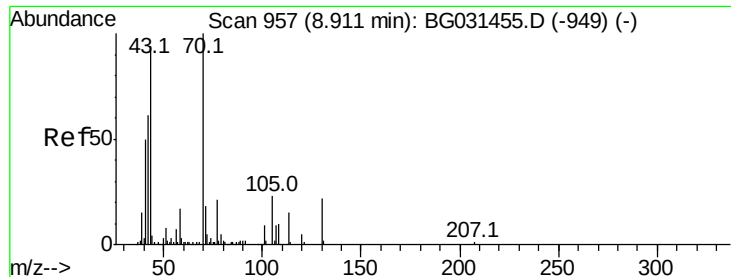


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.962 ng

RT: 8.90 min Scan# 956

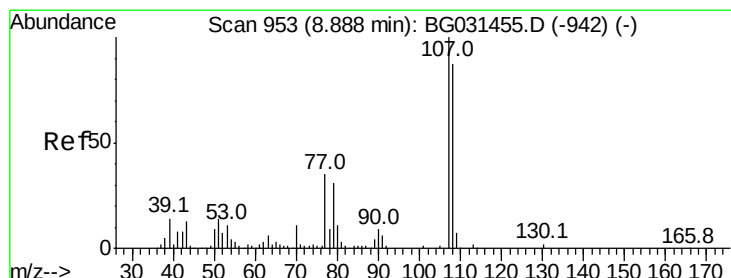
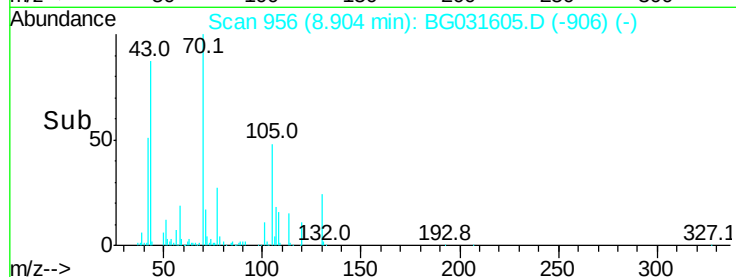
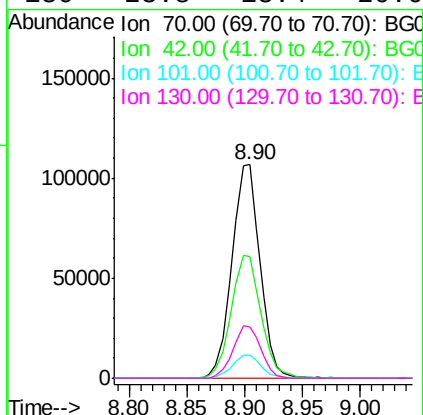
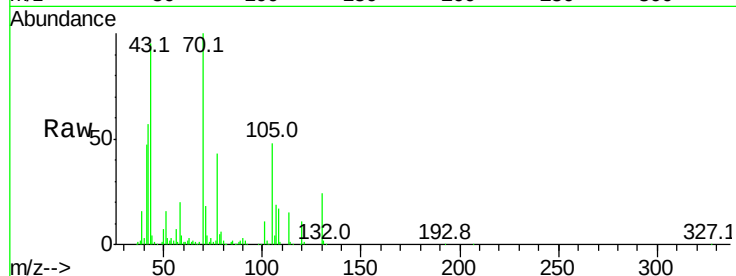
Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	180167
Ion	Ratio	Lower	Upper
70	100		
42	56.6	49.1	73.7
101	10.6	8.5	12.7
130	23.8	13.4	20.0#



#20

3+4-Methylphenols

Concen: 26.292 ng

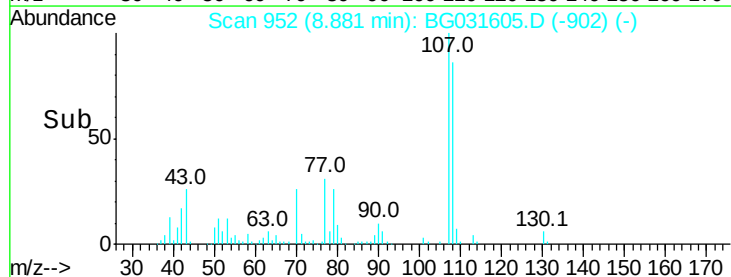
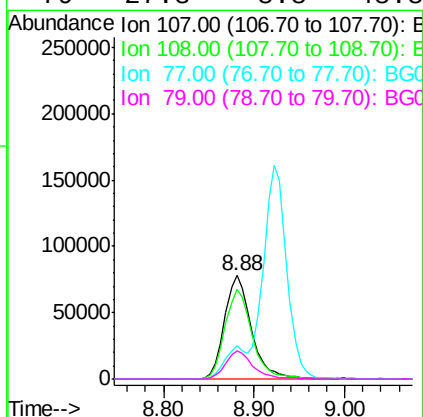
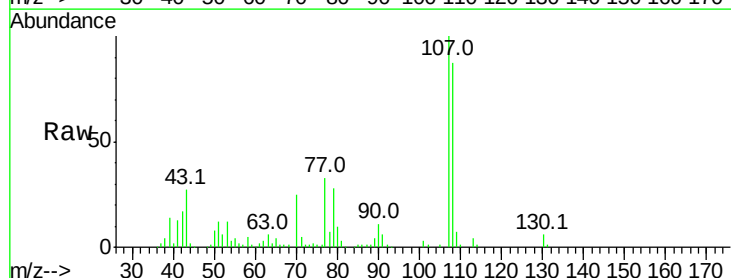
RT: 8.88 min Scan# 952

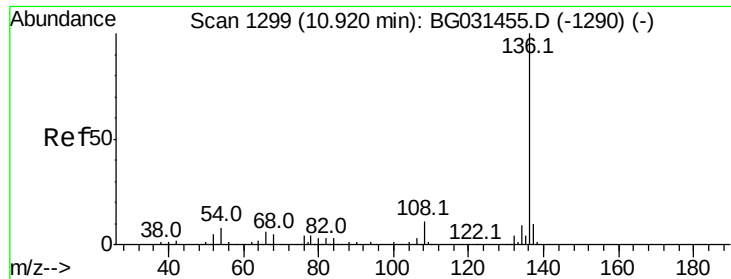
Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Tgt Ion:	107	Resp:	161137
Ion	Ratio	Lower	Upper
107	100		
108	86.6	61.6	101.6
77	32.5	13.9	53.9
79	27.8	8.8	48.8

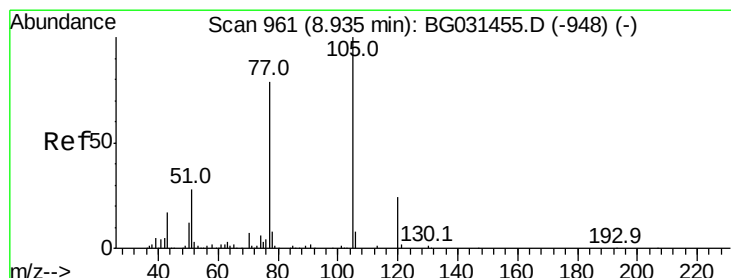
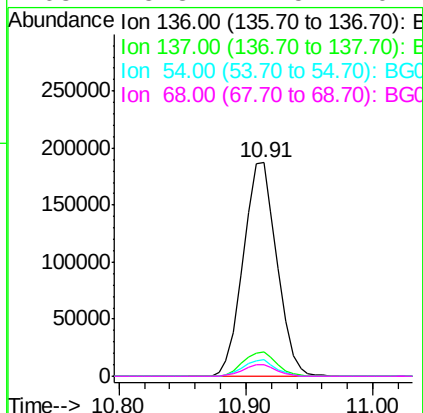
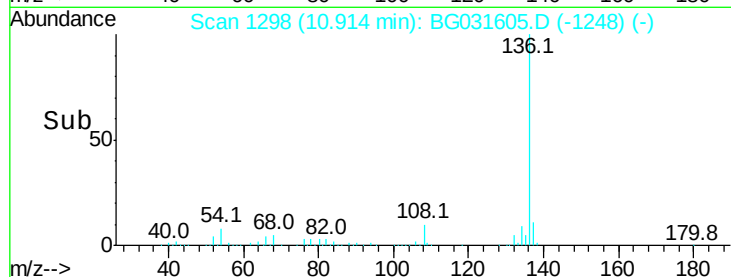
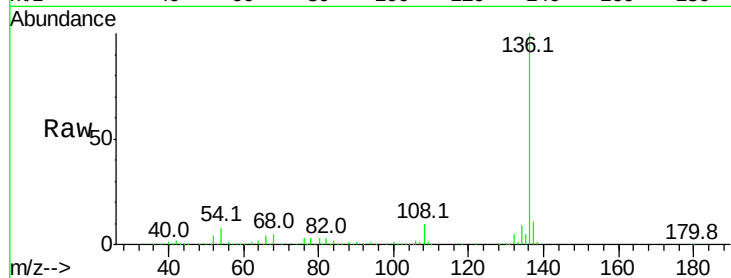




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

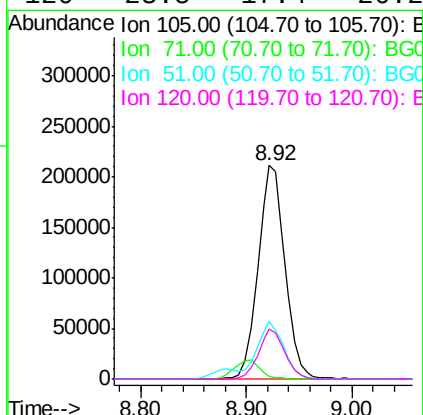
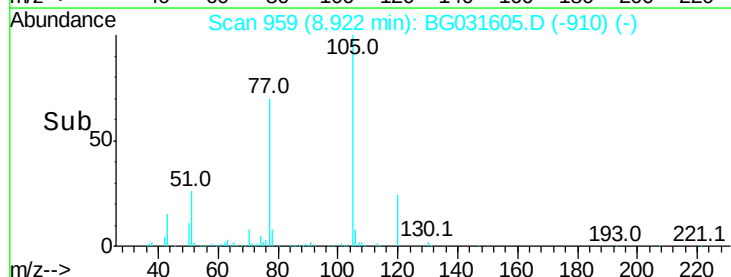
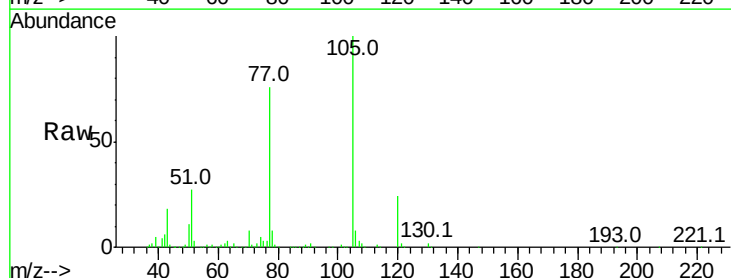
Instrument :
BNA_G
ClientSampleId :

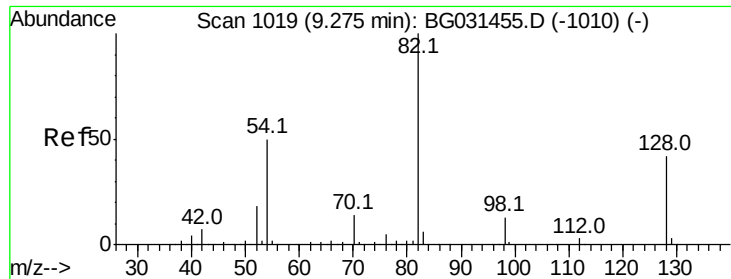
Tot Ion:136	Resp:	344813
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	7.6	10.3 15.5#
68	5.3	4.5 6.7



#22
Acetophenone
Concen: 45.129 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion:105	Resp:	373311
Ion Ratio	Lower	Upper
105	100	
71	1.3	3.0 4.4#
51	26.9	26.1 39.1
120	23.5	17.4 26.2

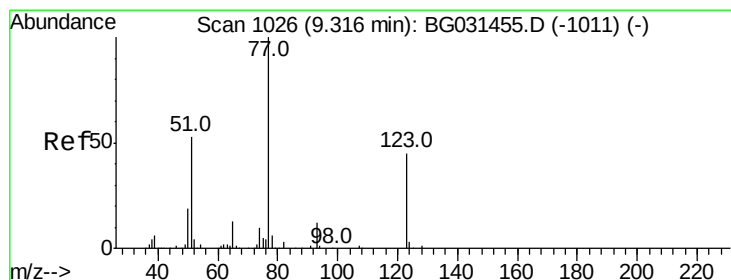
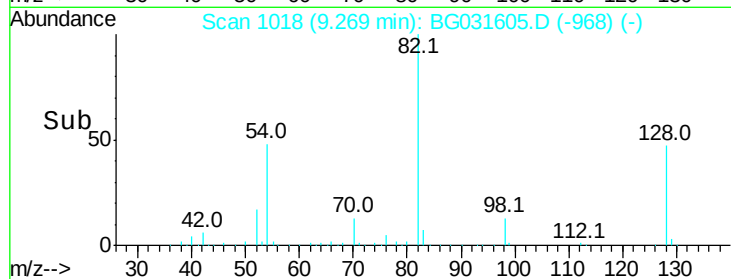
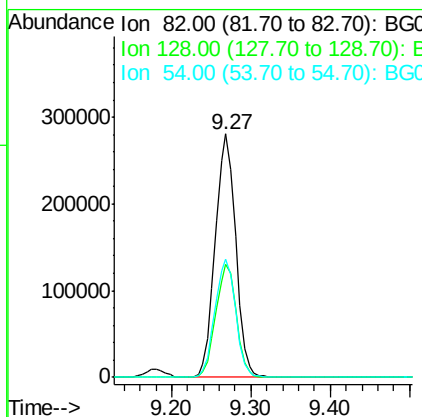
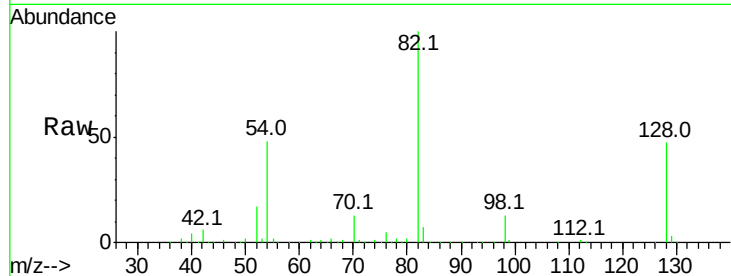




#23
 Nitrobenzene-d5
 Concen: 89.753 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

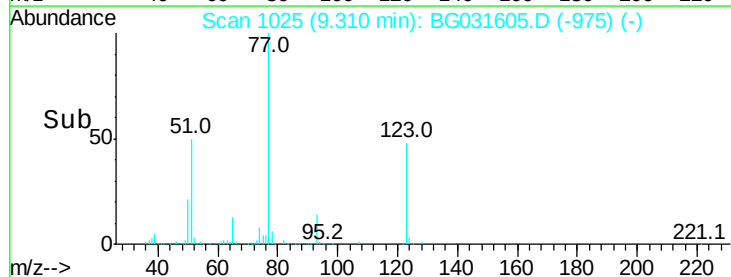
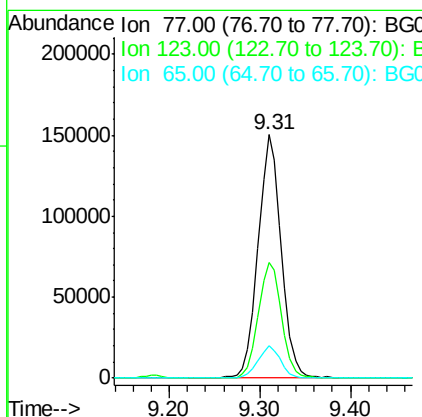
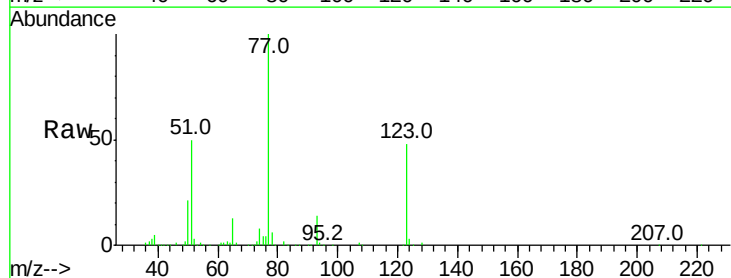
Instrument :
 BNA_G
 ClientSampleId :

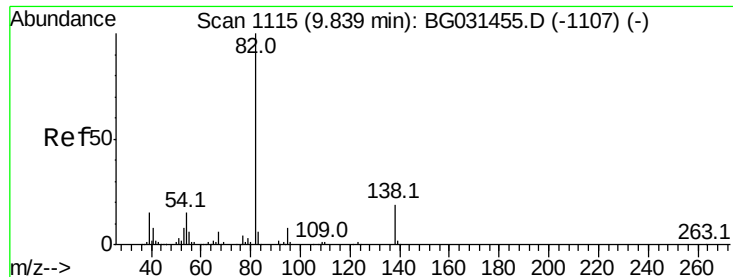
Tot Ion	82	Resp	502101
Ion Ratio	100	Lower	Upper
128	46.6	29.7	44.5#
54	48.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 46.358 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion	77	Resp	265751
Ion Ratio	100	Lower	Upper
123	47.5	33.0	49.6
65	13.1	13.0	19.6





#25

Isophorone

Concen: 49.204 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

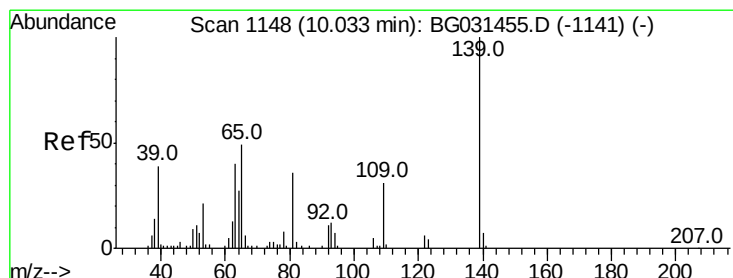
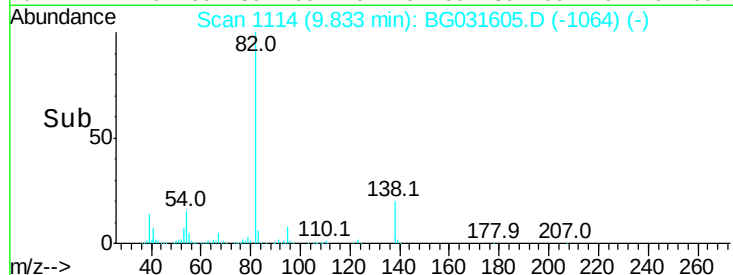
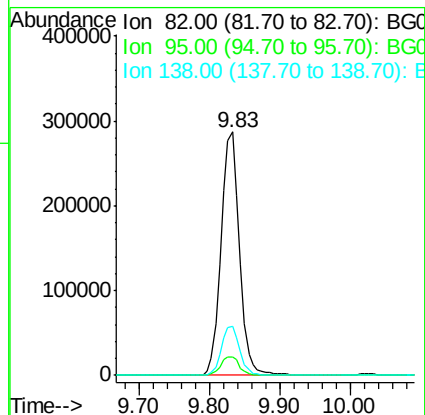
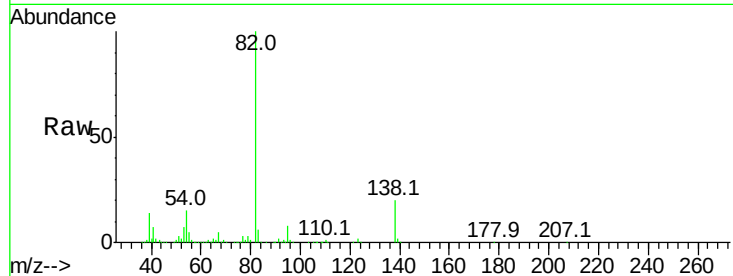
Tot Ion: 82 Resp: 520197

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 20.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 51.086 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

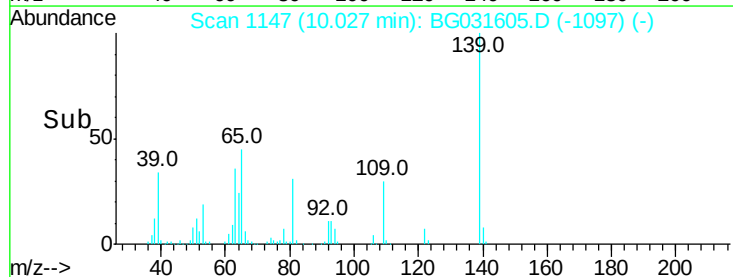
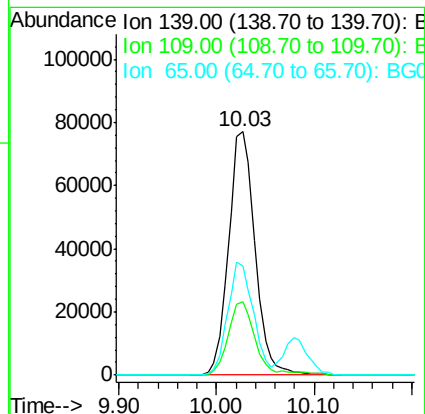
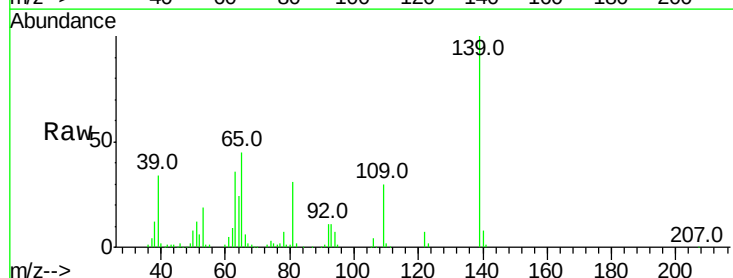
Tgt Ion: 139 Resp: 144811

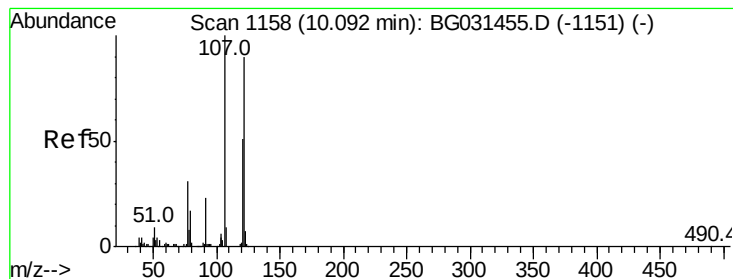
Ion Ratio Lower Upper

139 100

109 30.1 24.2 36.2

65 45.0 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 48.519 ng

RT: 10.08 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

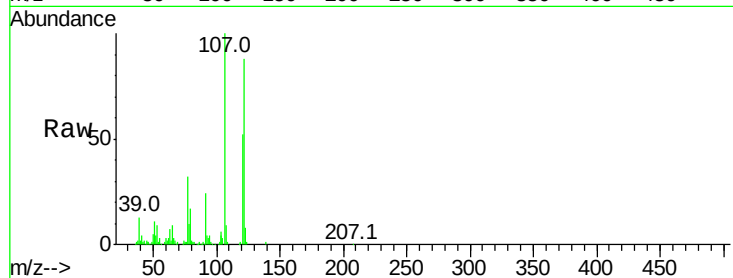
Tot Ion:122 Resp: 208929

Ion Ratio Lower Upper

122 100

107 113.7 100.2 150.2

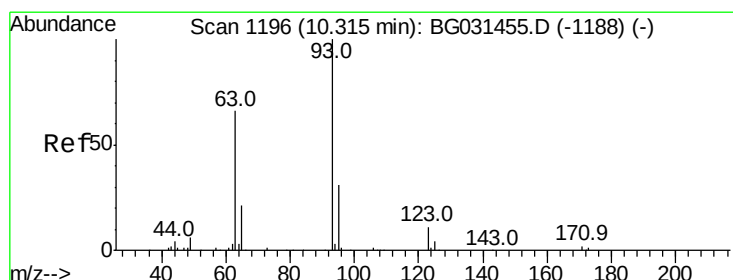
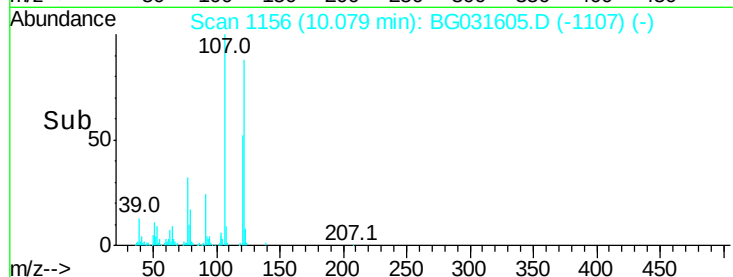
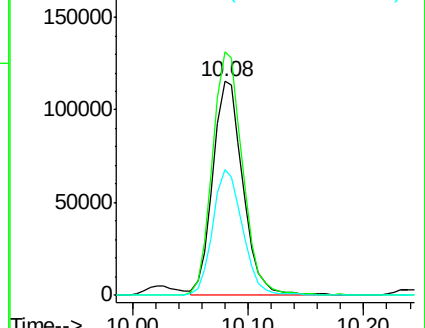
121 58.7 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.861 ng

RT: 10.31 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

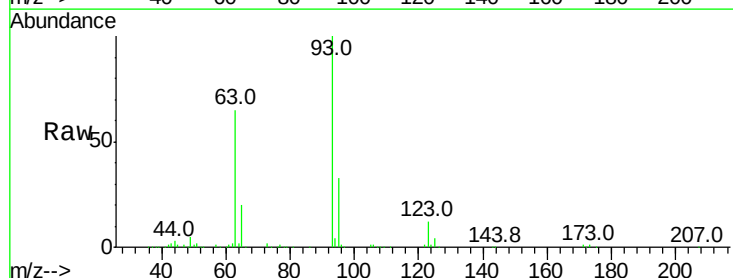
Tgt Ion: 93 Resp: 319853

Ion Ratio Lower Upper

93 100

95 33.0 24.3 36.5

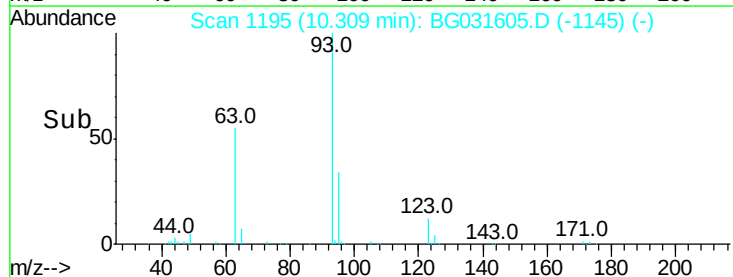
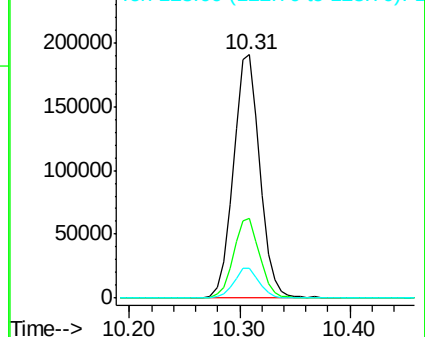
123 12.2 8.4 12.6

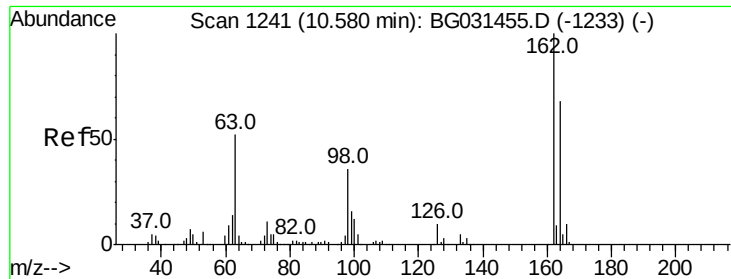


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

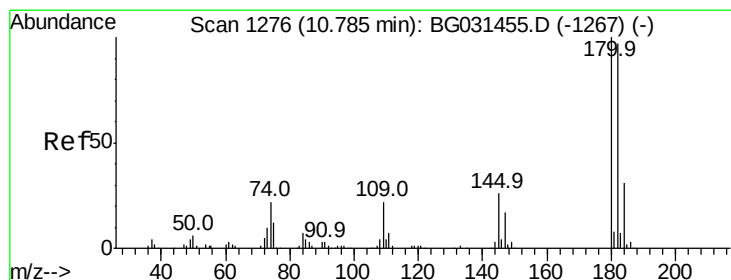
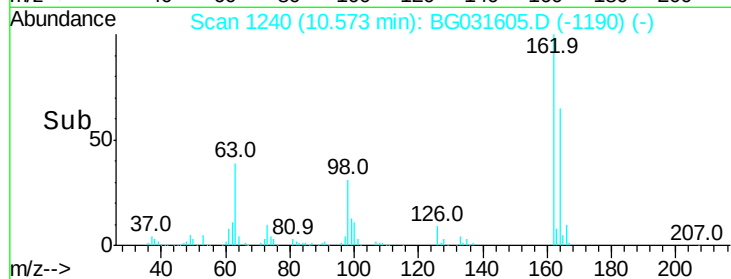
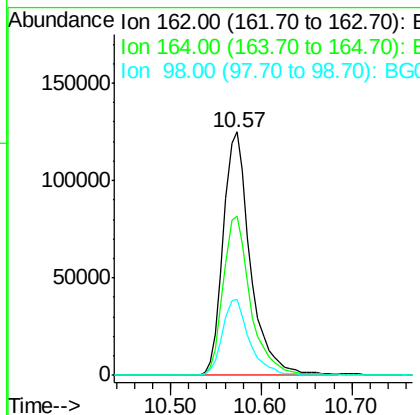
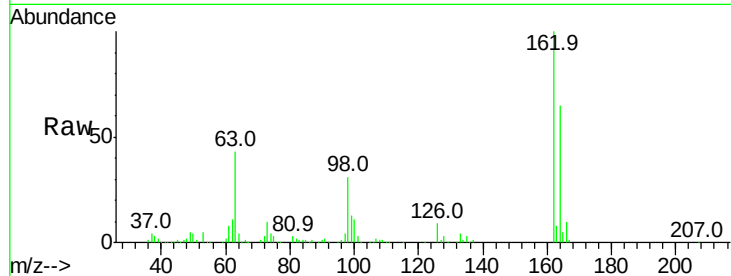




#29
 2,4-Dichlorophenol
 Concen: 51.244 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

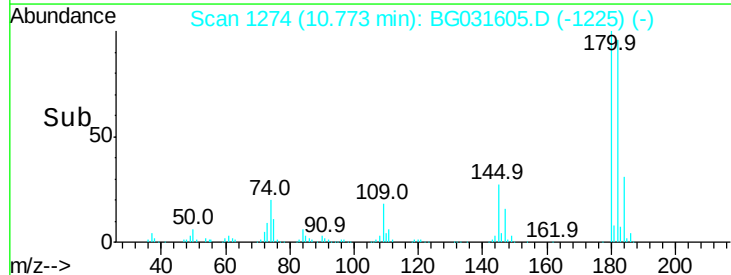
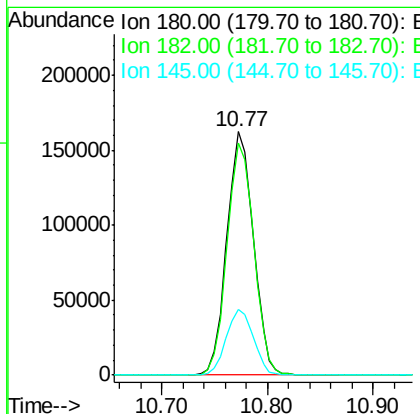
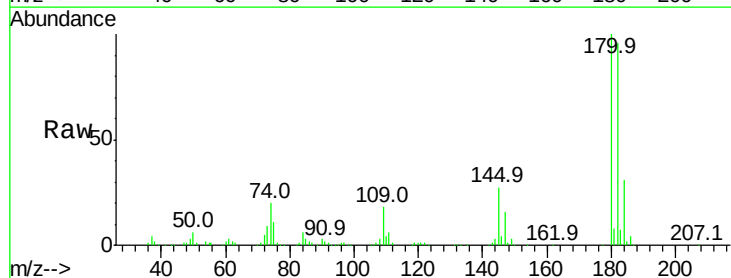
Instrument :
 BNA_G
 ClientSampleId :

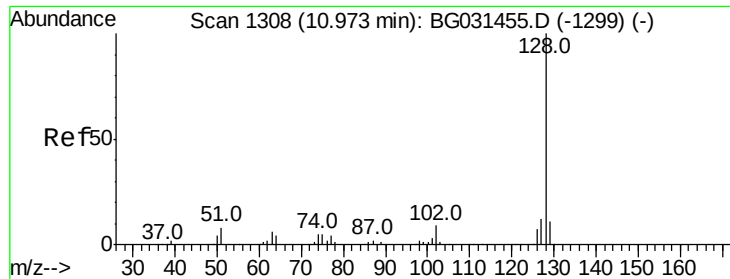
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	48.0	88.0
98	31.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.541 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.5	116.3
145	26.9	23.4	35.2

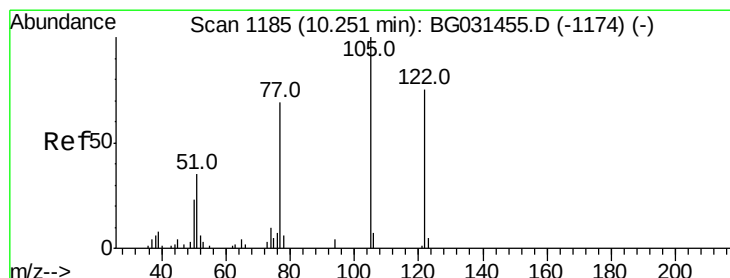
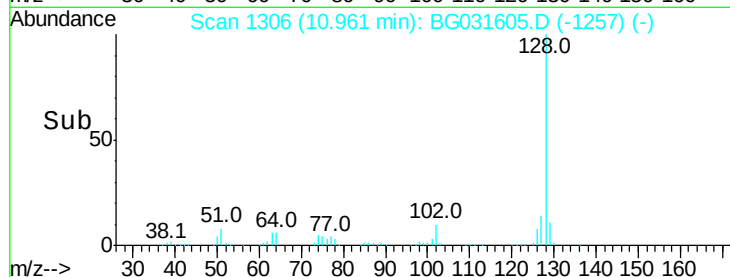
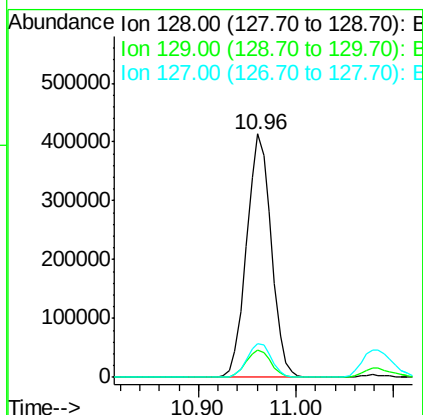
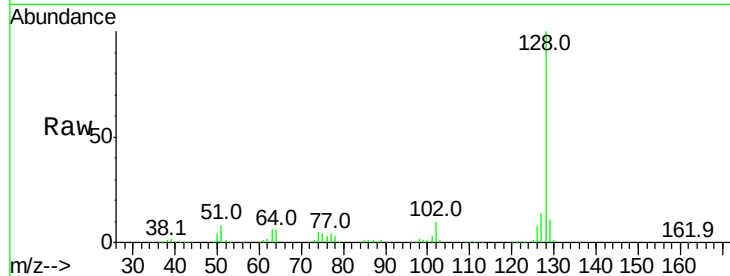




#31
Naphthalene
Concen: 43.238 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

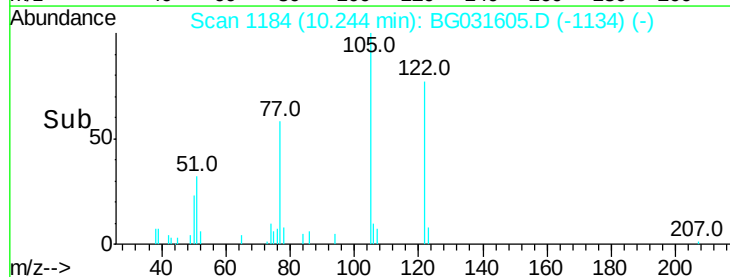
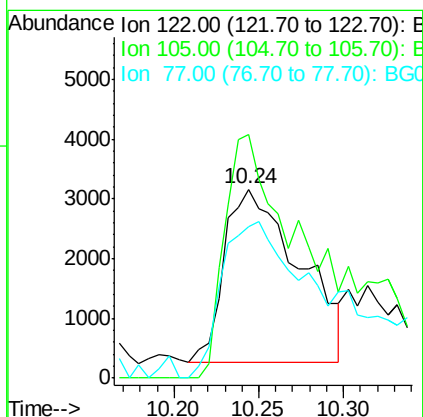
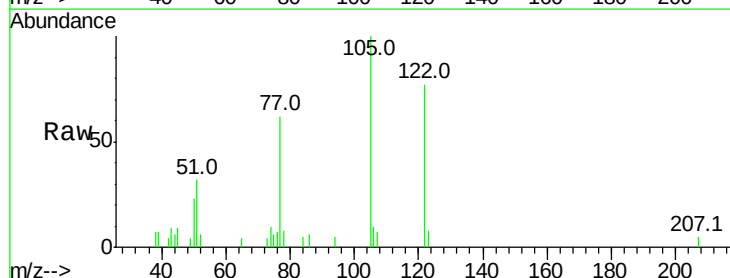
Instrument :
BNA_G
ClientSampleId :

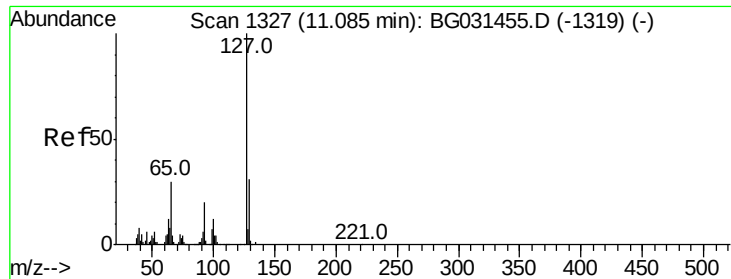
Tot Ion:128 Resp: 732436
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 10.854 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion:122 Resp: 8964
Ion Ratio Lower Upper
122 100
105 129.1 123.5 163.5
77 80.3 85.7 125.7#

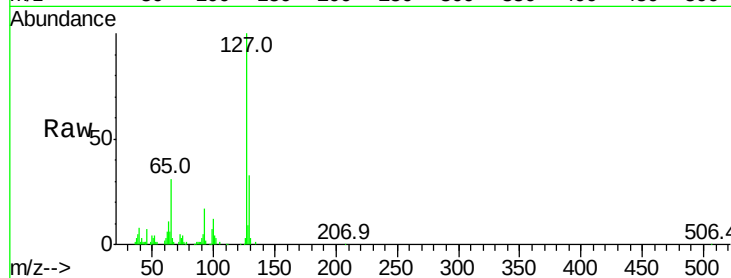




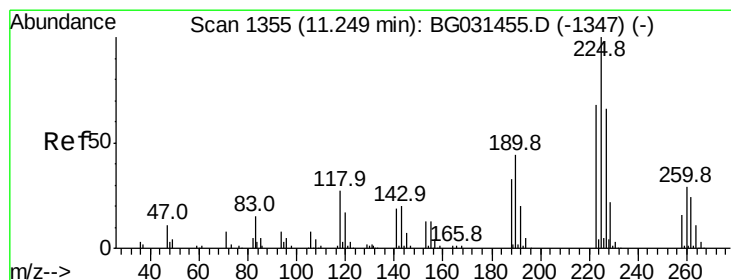
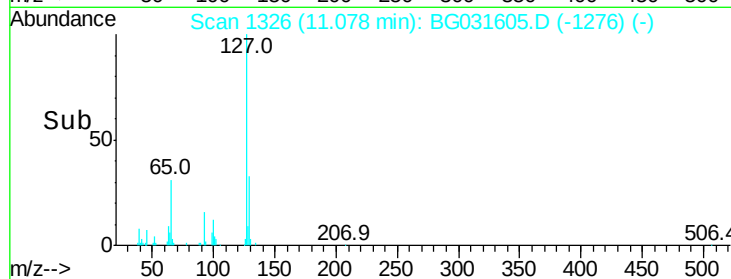
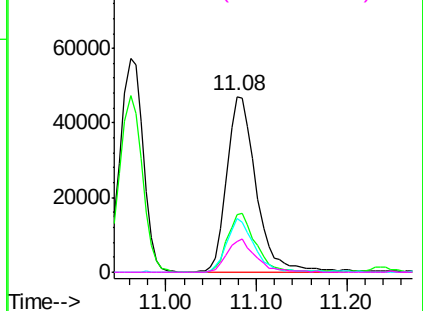
#33
4-Chloroaniline
Concen: 14.467 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	106405
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.0	36.0
65	30.5	27.0	40.4
92	17.3	16.6	25.0

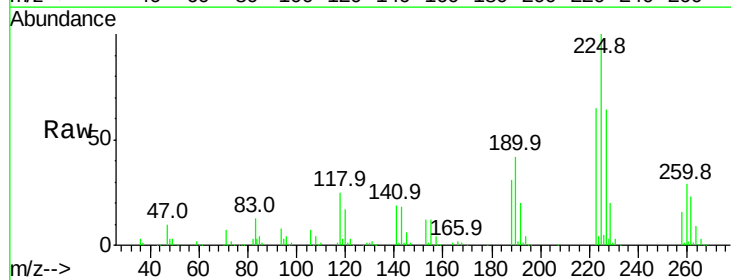


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

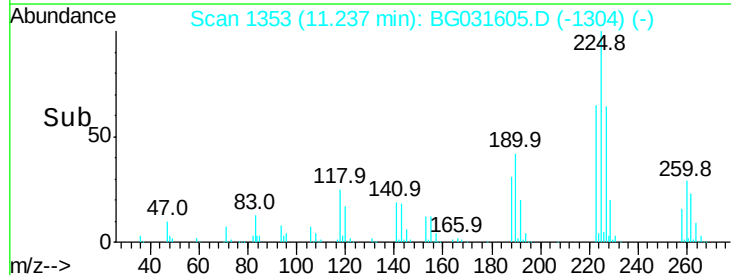
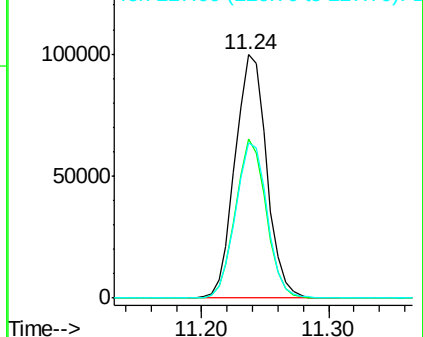


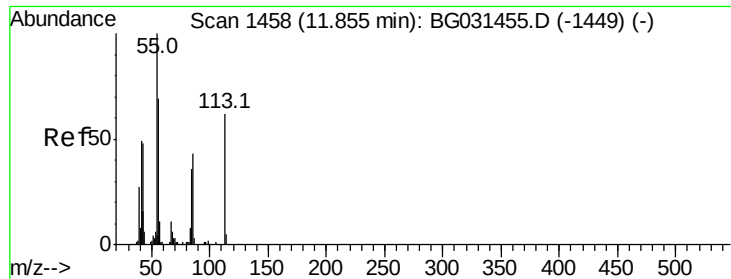
#34
Hexachlorobutadiene
Concen: 40.094 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion:	225	Resp:	172346
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.7	74.5
227	63.8	48.1	72.1



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





#35

Caprolactam

Concen: 3.138 ng

RT: 11.87 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

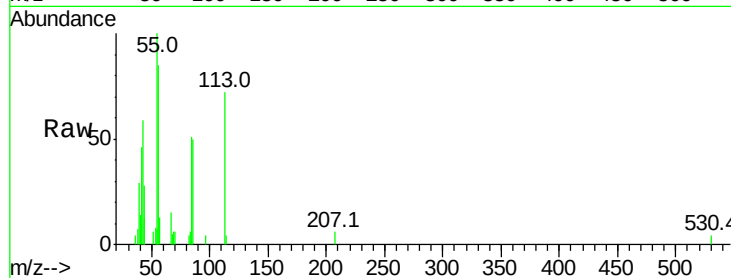
Tot Ion:113 Resp: 6251

Ion Ratio Lower Upper

113 100

55 139.6 186.9 226.9#

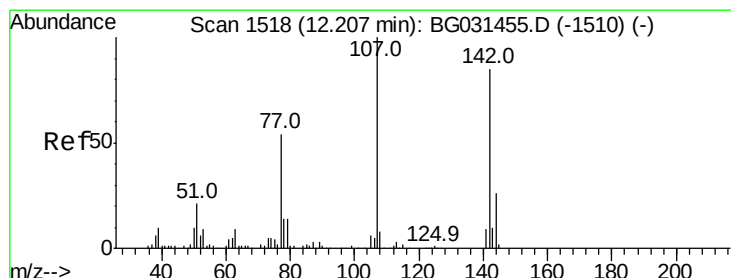
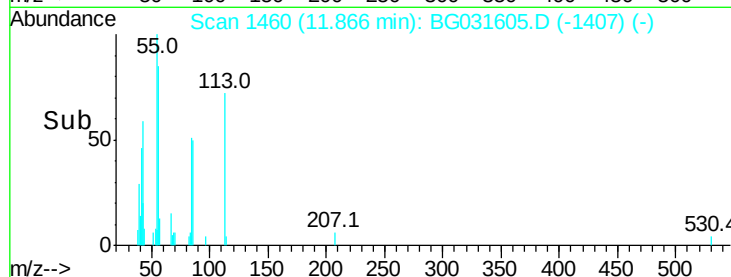
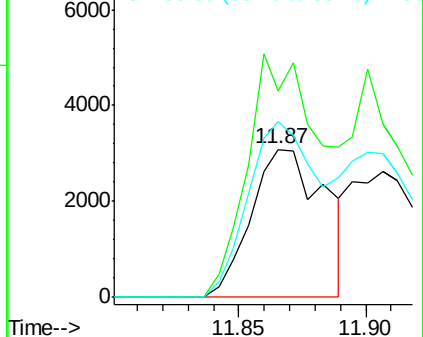
56 118.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.203 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

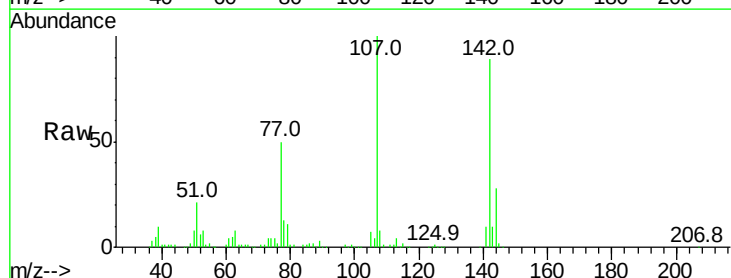
Tgt Ion:107 Resp: 244398

Ion Ratio Lower Upper

107 100

144 27.7 18.2 27.4#

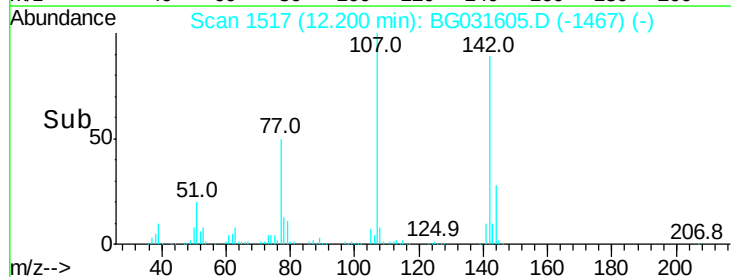
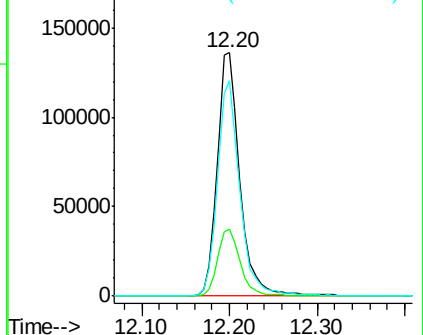
142 88.6 59.0 88.4#

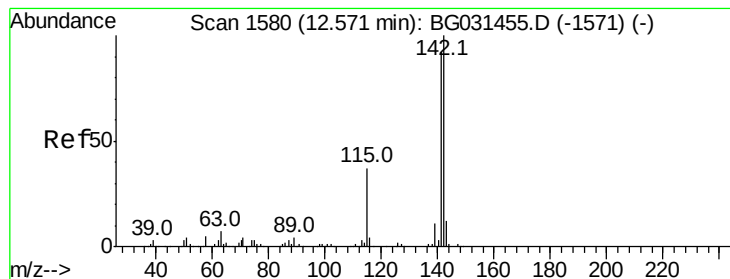


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.151 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

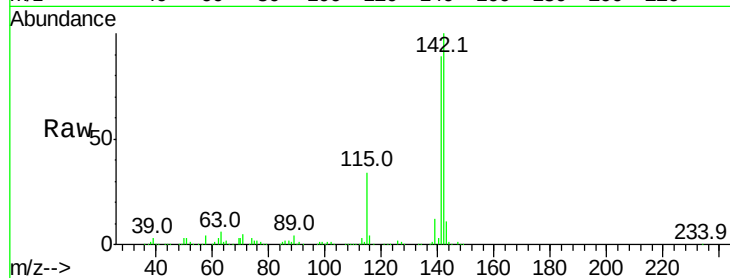
Tot Ion:142 Resp: 605310

Ion Ratio Lower Upper

142 100

141 88.9 67.1 100.7

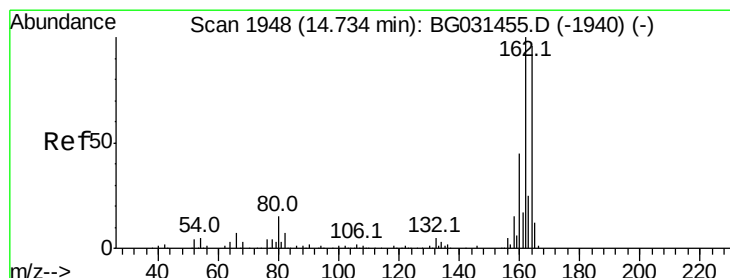
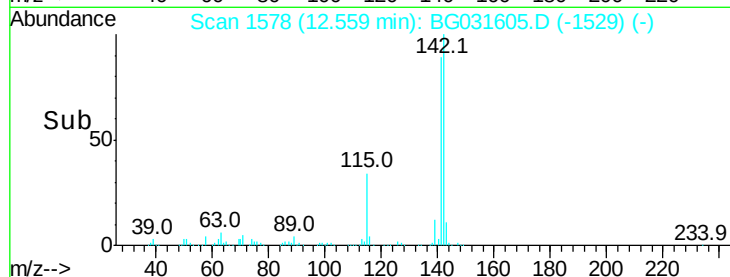
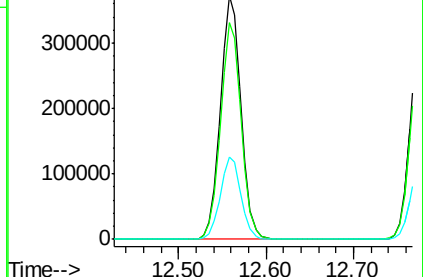
115 34.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

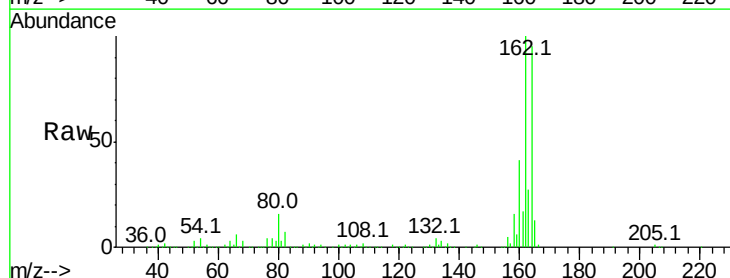
Tgt Ion:164 Resp: 241847

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

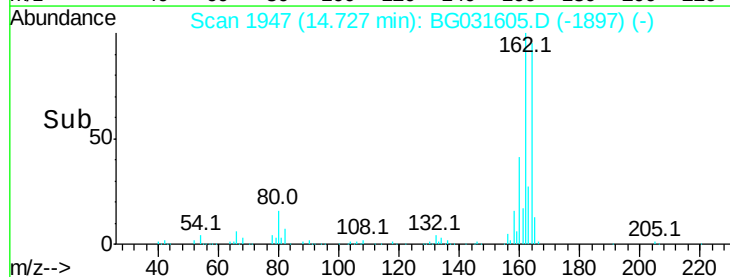
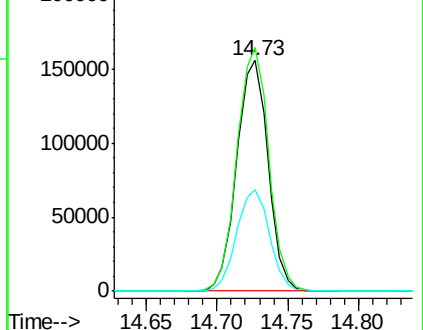
160 43.8 35.4 53.0

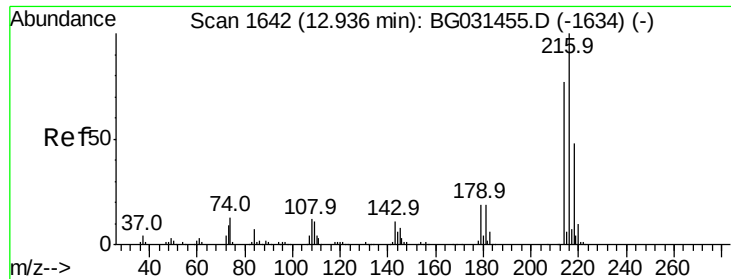


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.400 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 400762

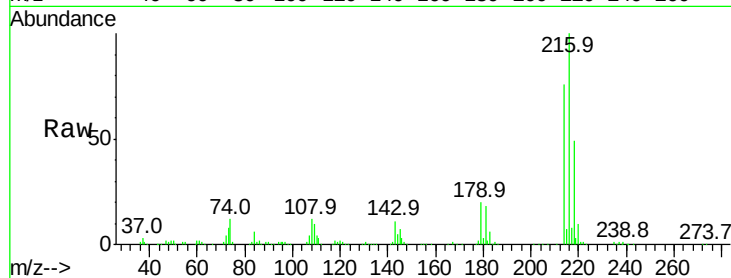
Ion Ratio Lower Upper

216 100

214 76.9 63.0 94.4

179 18.9 17.0 25.6

108 13.0 12.8 19.2

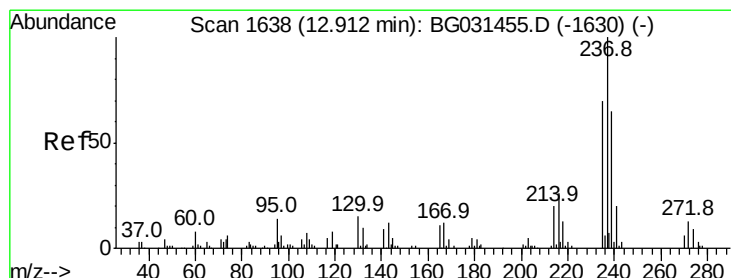
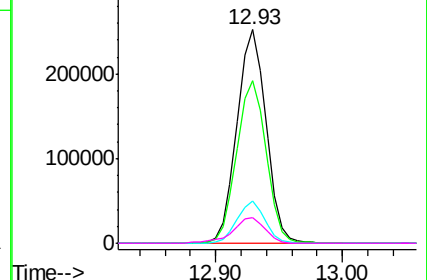
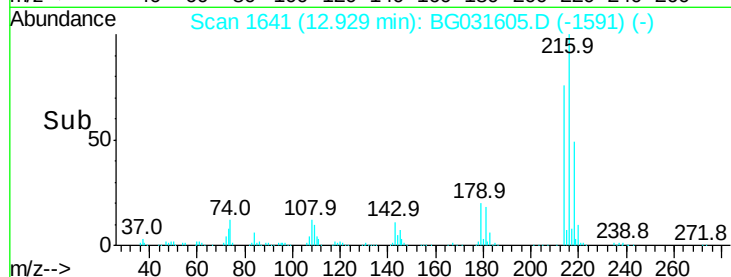


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.123 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

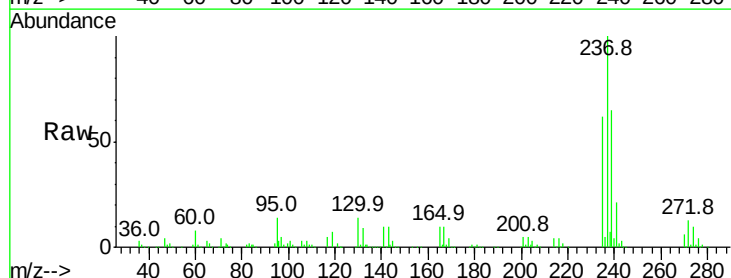
Tgt Ion:237 Resp: 209317

Ion Ratio Lower Upper

237 100

235 62.4 50.4 90.4

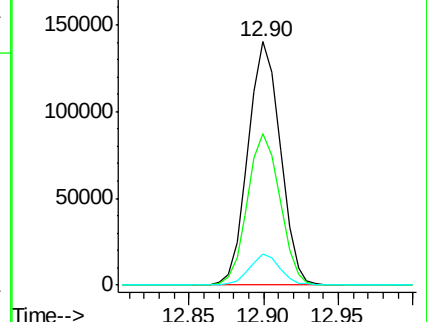
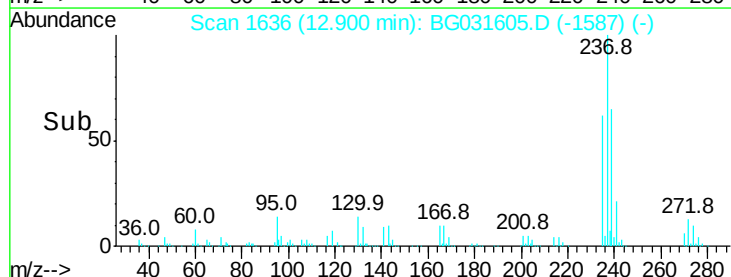
272 12.5 0.0 31.8

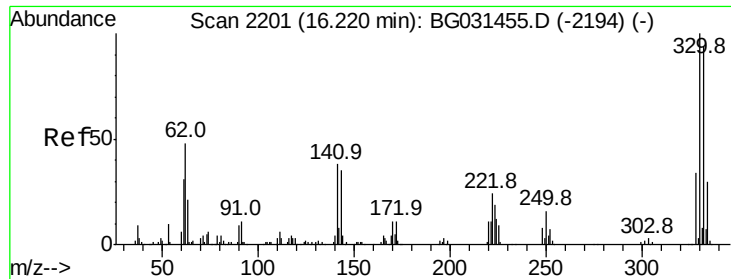


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

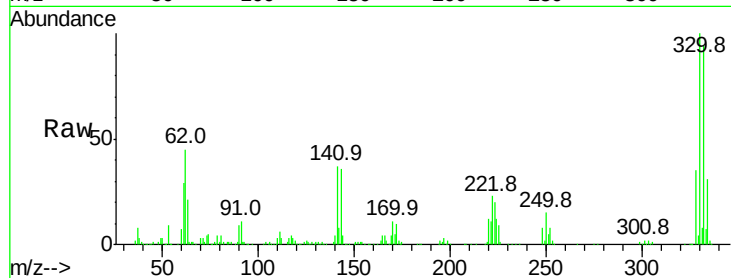




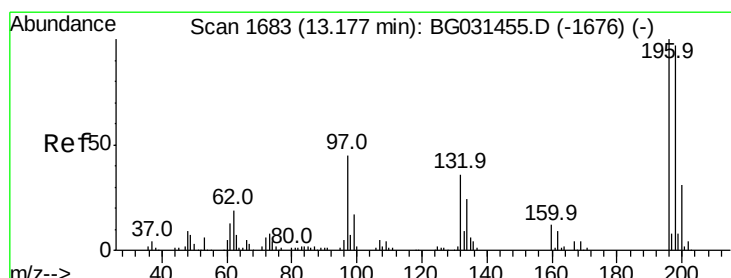
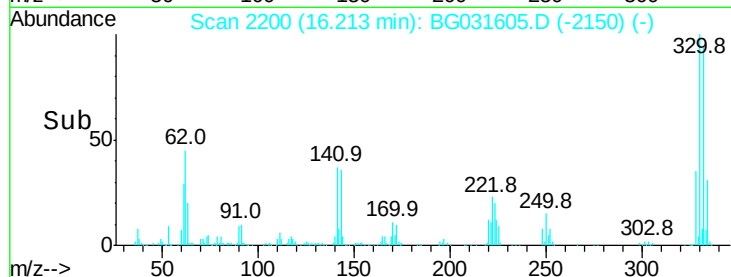
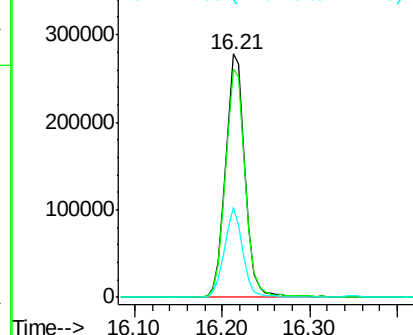
#41
 2,4,6-Tribromophenol
 Concen: 151.954 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	34.8	25.2	37.8

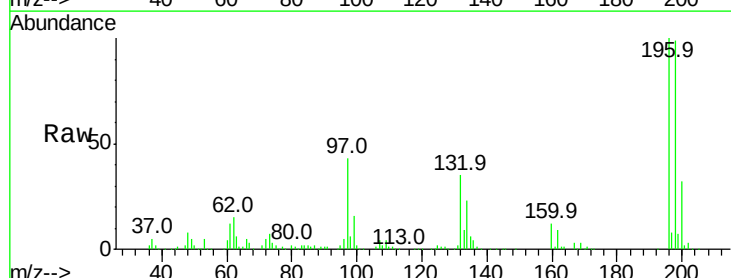


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

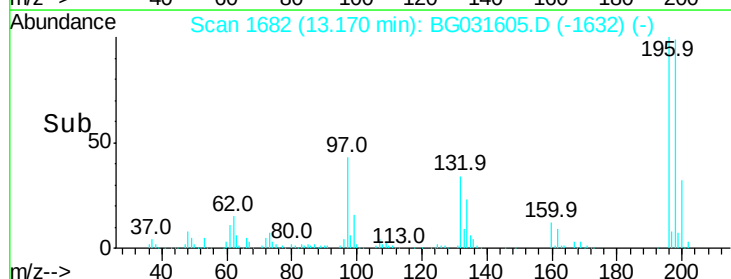
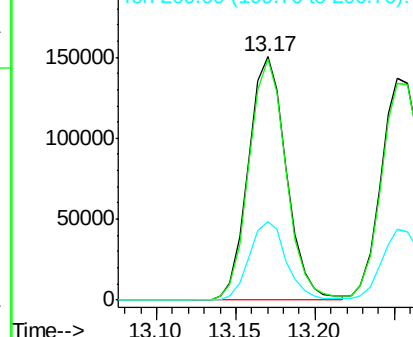


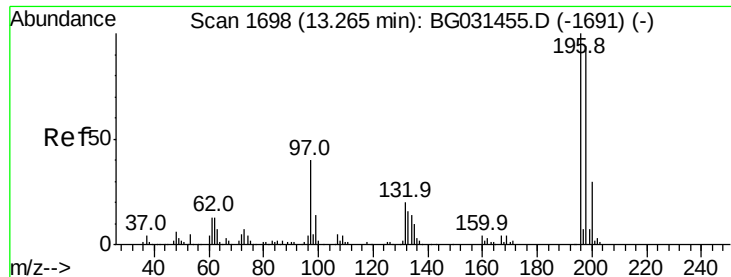
#42
 2,4,6-Trichlorophenol
 Concen: 51.808 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	78.2	117.2
200	32.2	24.6	36.8



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

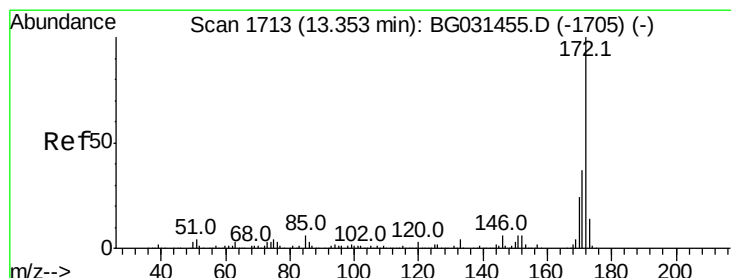
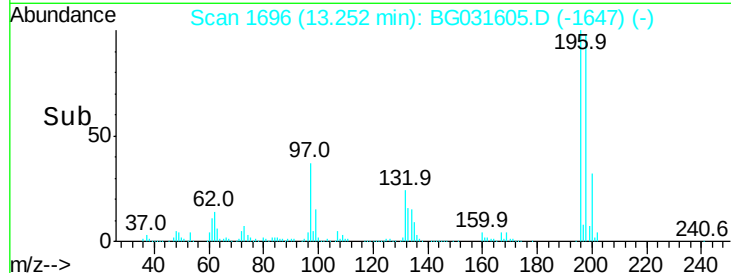
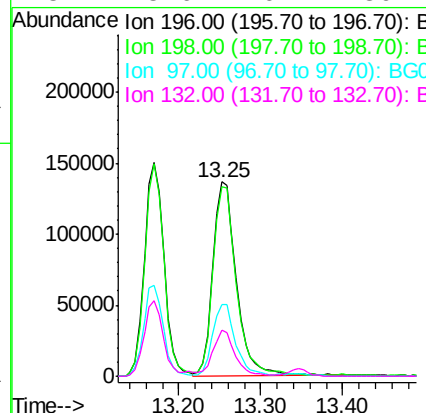
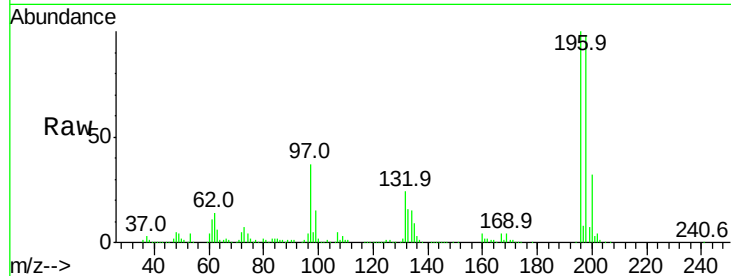




#43
 2,4,5-Trichlorophenol
 Concen: 52.272 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

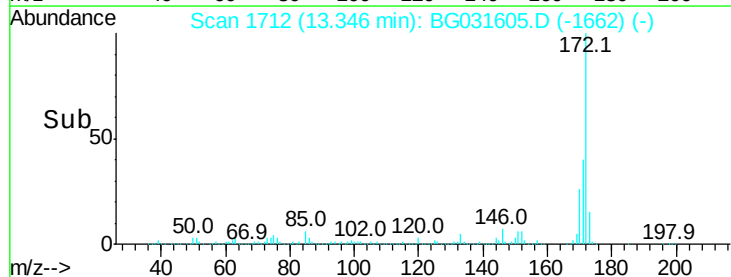
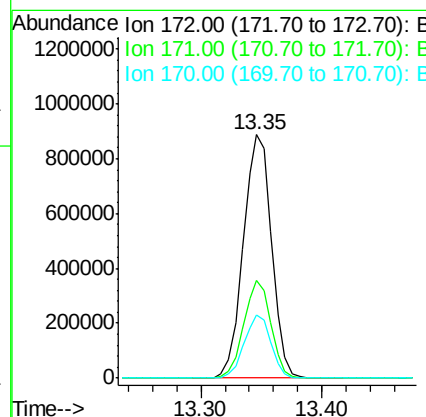
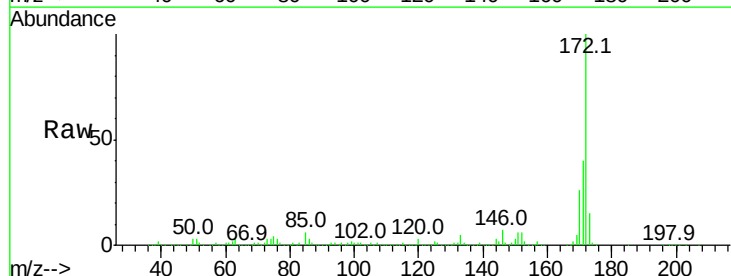
Instrument :
 BNA_G
 ClientSampleId :

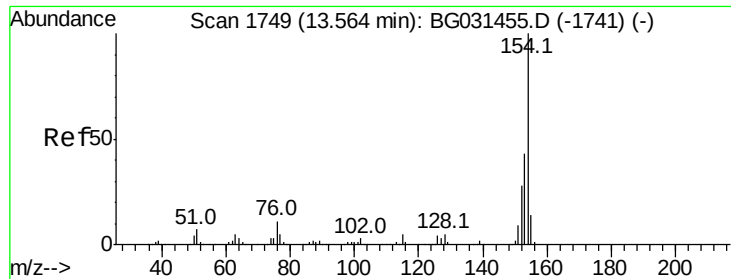
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.2	114.4
97	37.1	38.7	58.1
132	23.6	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 87.572 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	30.0	45.0
170	25.8	19.5	29.3





#45

1,1'-Biphenyl

Concen: 43.789 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

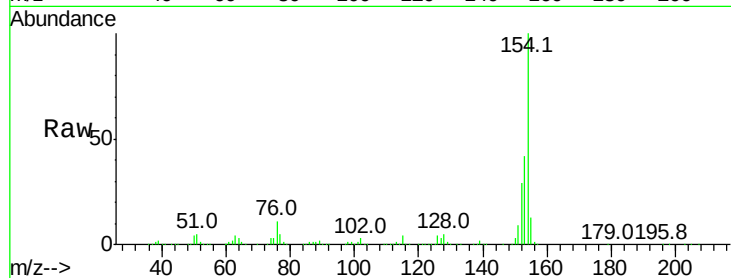
Tot Ion:154 Resp: 869816

Ion Ratio Lower Upper

154 100

153 41.5 19.8 59.8

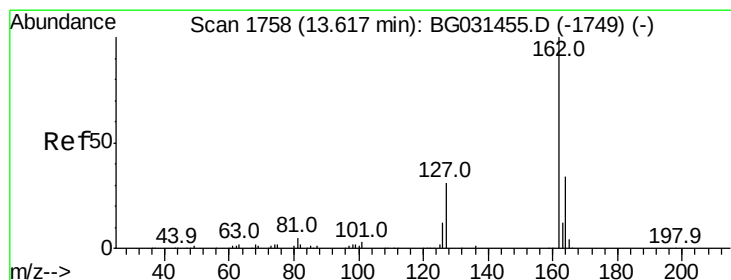
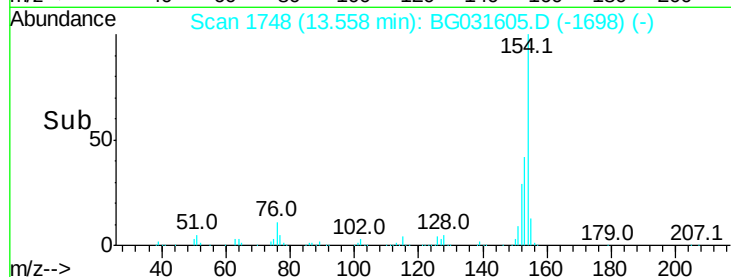
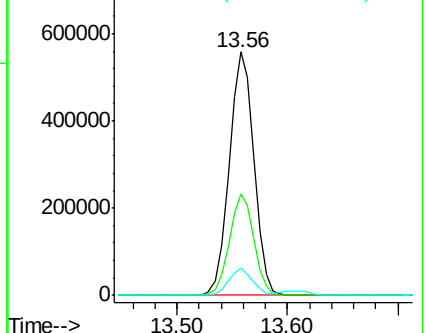
76 11.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.925 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

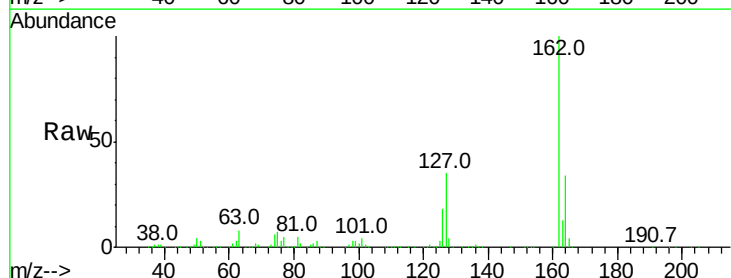
Tgt Ion:162 Resp: 667683

Ion Ratio Lower Upper

162 100

127 35.5 30.7 46.1

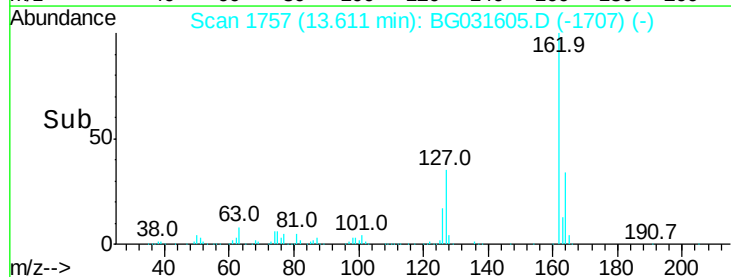
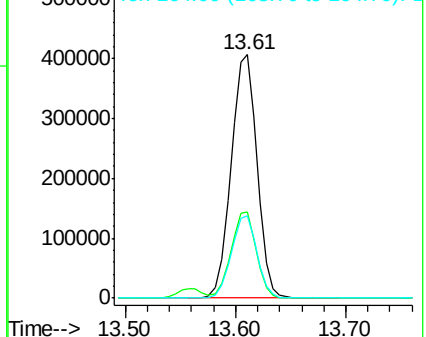
164 33.7 26.0 39.0

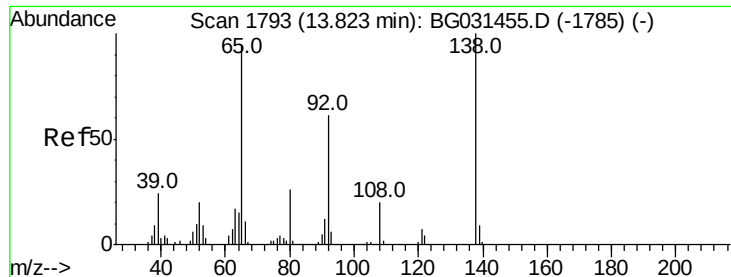


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.361 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

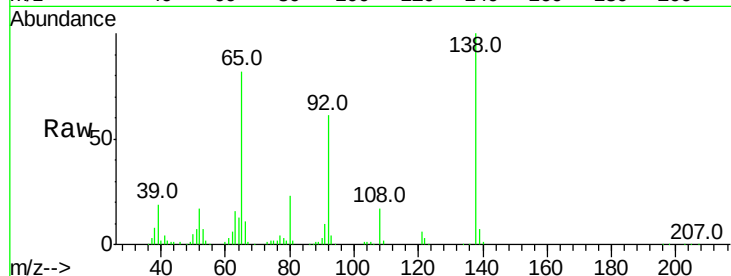
Tot Ion: 65 Resp: 189403

Ion Ratio Lower Upper

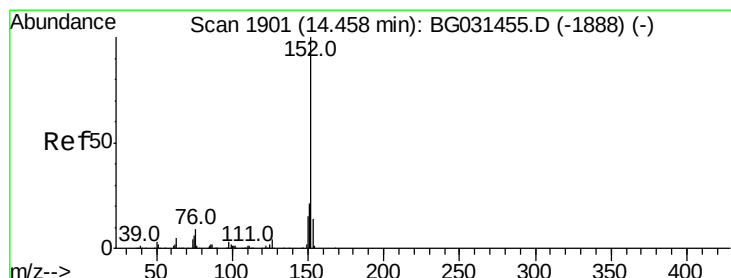
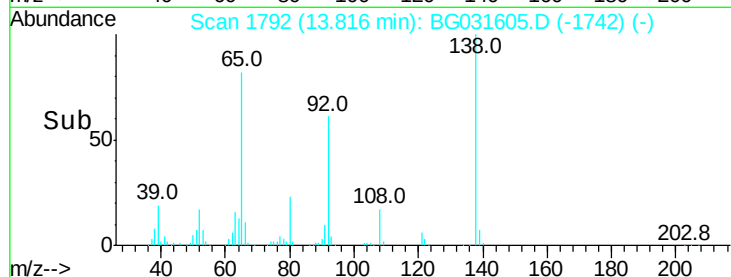
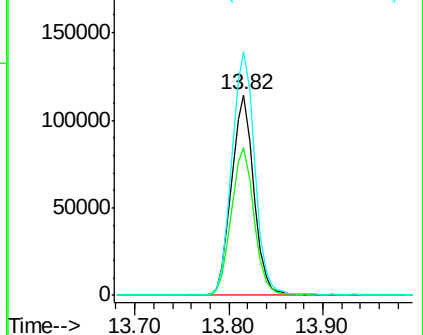
65 100

92 73.6 54.6 82.0

138 121.6 72.9 109.3#



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



#48

Acenaphthylene

Concen: 43.462 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

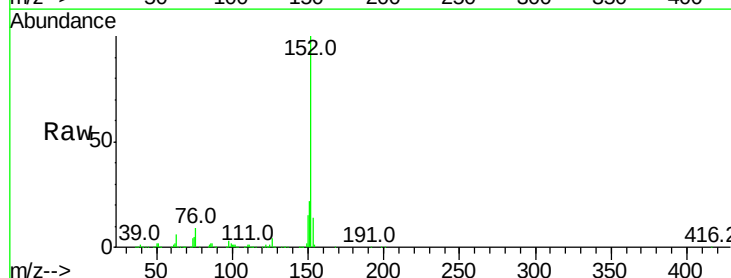
Tgt Ion: 152 Resp: 1016731

Ion Ratio Lower Upper

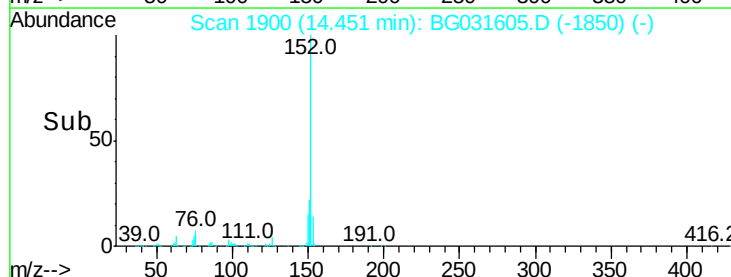
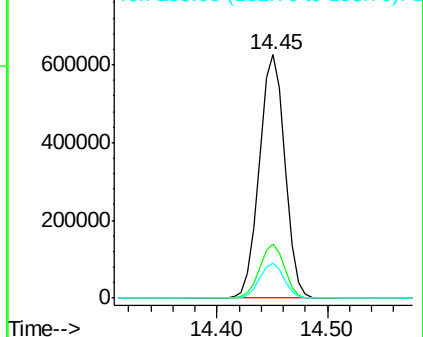
152 100

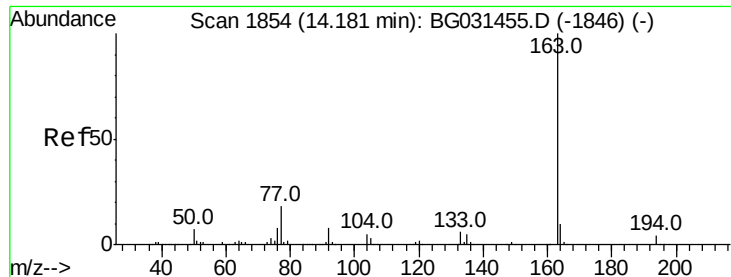
151 22.1 17.2 25.8

153 14.4 10.2 15.4



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





#49

Dimethylphthalate

Concen: 46.767 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

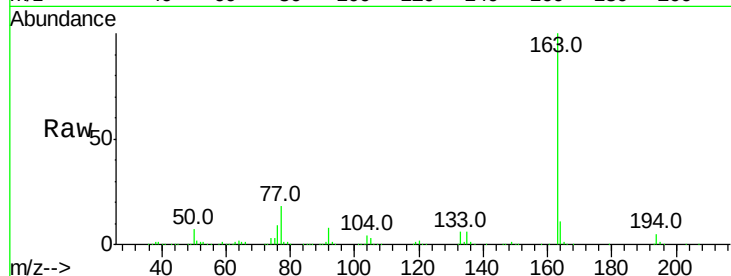
Tot Ion:163 Resp: 936393

Ion Ratio Lower Upper

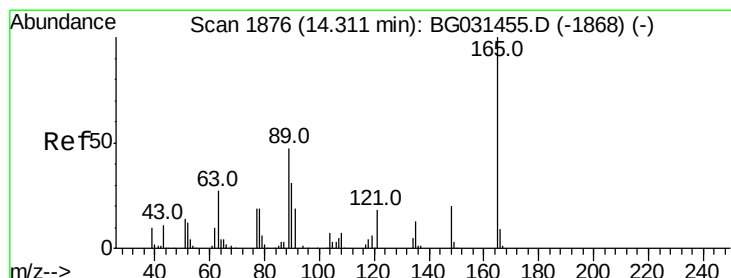
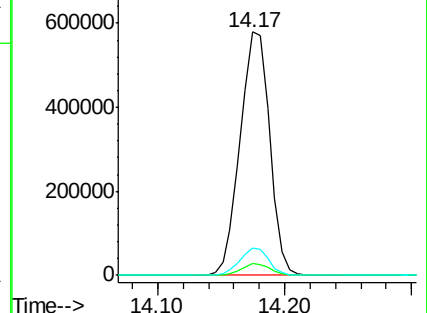
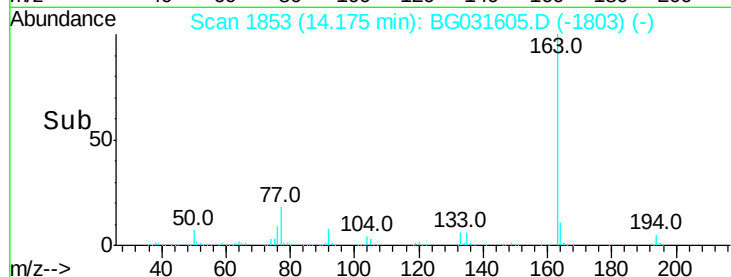
163 100

194 5.0 3.4 5.2

164 11.1 8.2 12.4



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: 51.169 ng

RT: 14.30 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

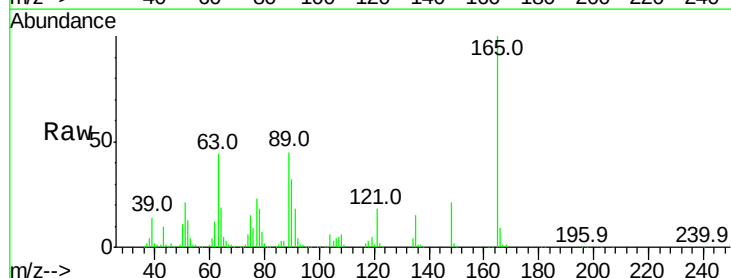
Tgt Ion:165 Resp: 218989

Ion Ratio Lower Upper

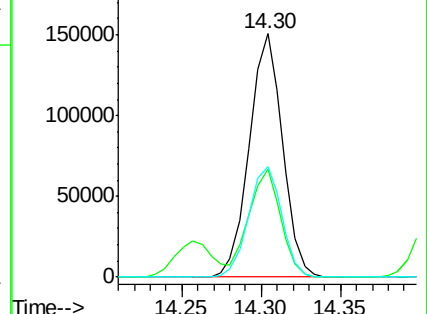
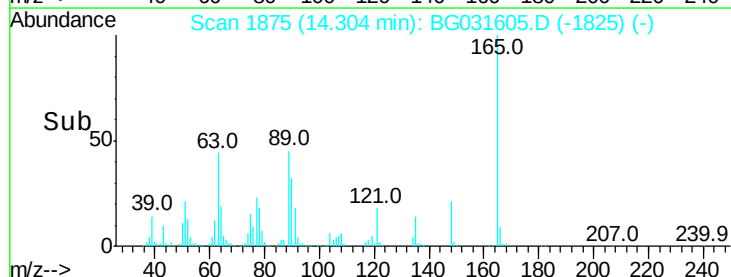
165 100

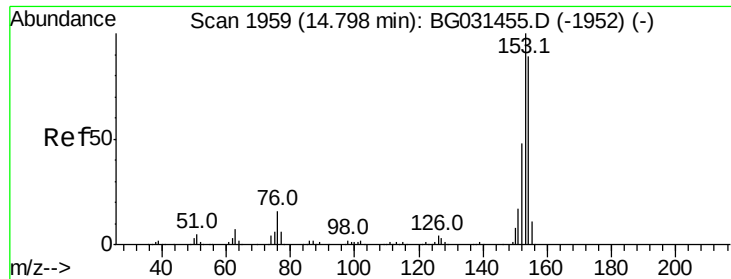
63 44.1 52.7 79.1#

89 45.4 49.2 73.8#



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: 43.623 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

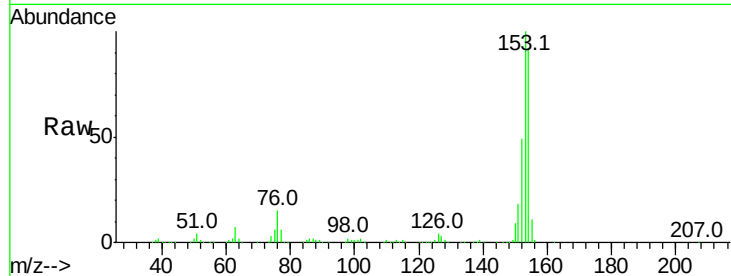
Tot Ion:154 Resp: 645276

Ion Ratio Lower Upper

154 100

153 108.9 90.4 135.6

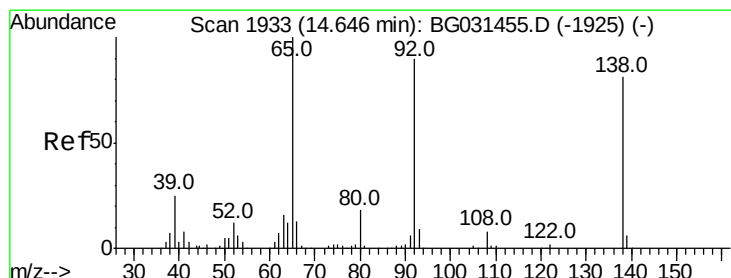
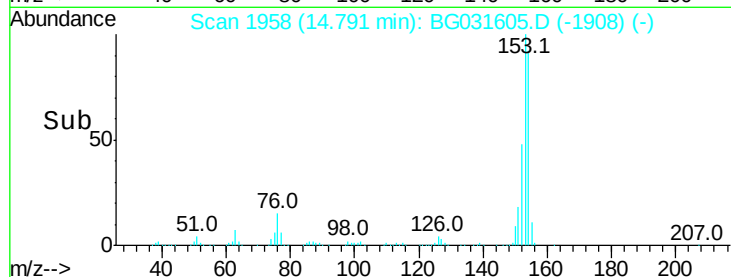
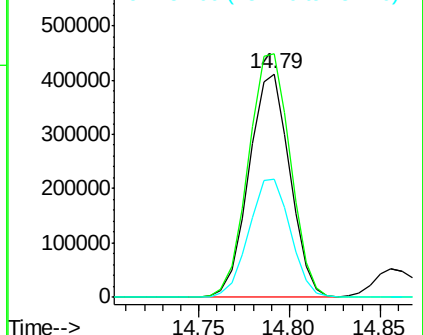
152 52.8 41.6 62.4



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: 20.151 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

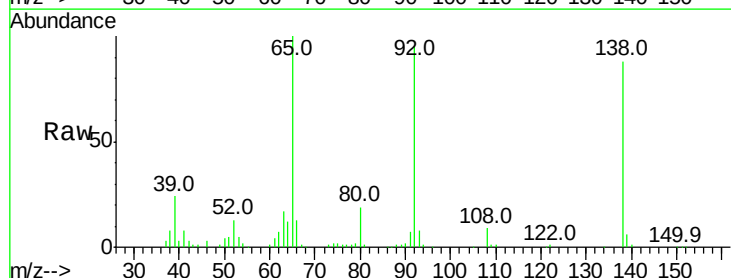
Tgt Ion:138 Resp: 87910

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

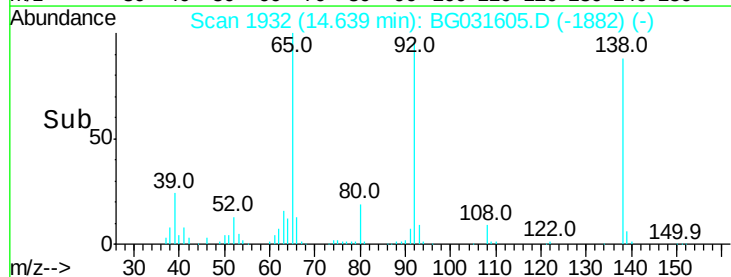
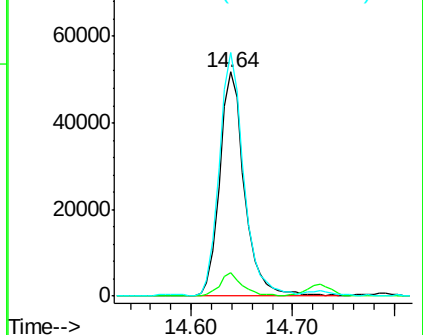
92 108.7 105.8 158.8

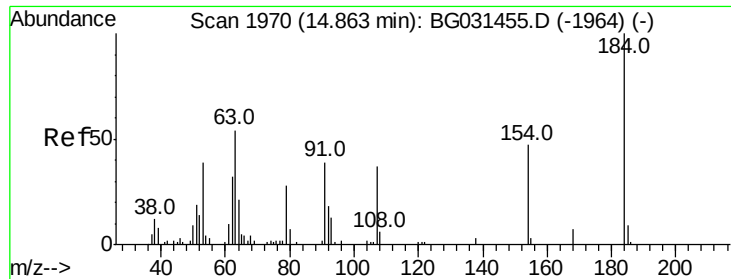


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

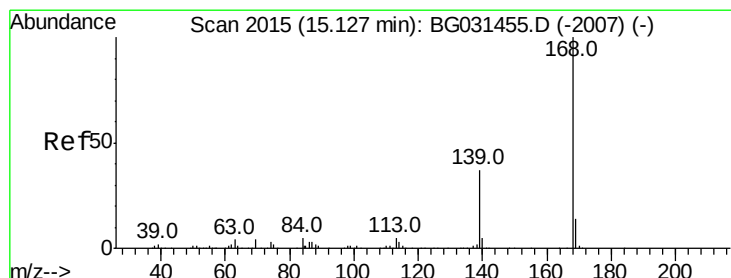
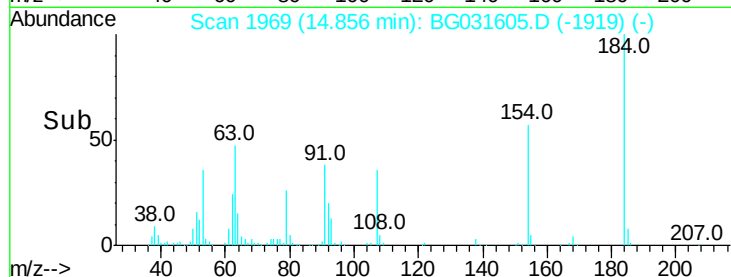
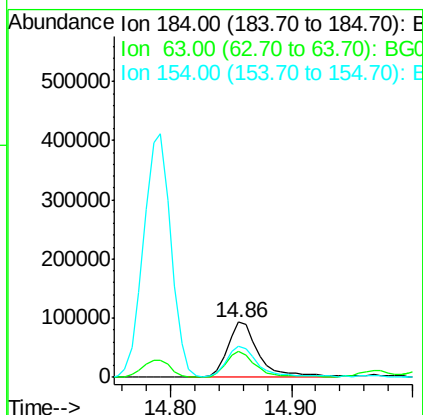
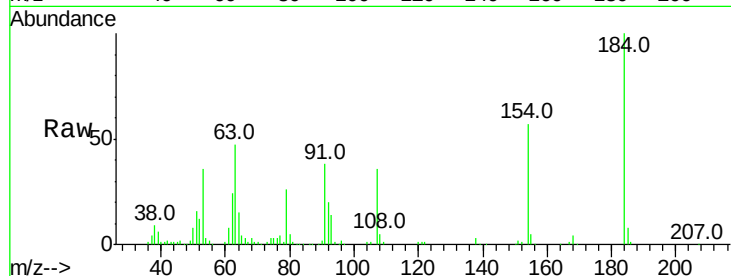




#53
2,4-Dinitrophenol
Concen: 92.230 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

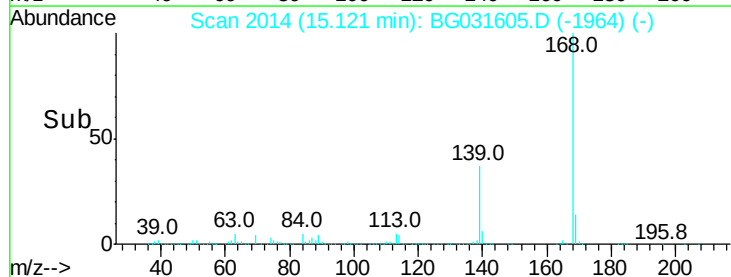
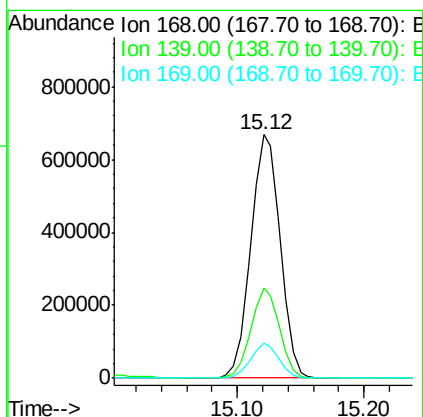
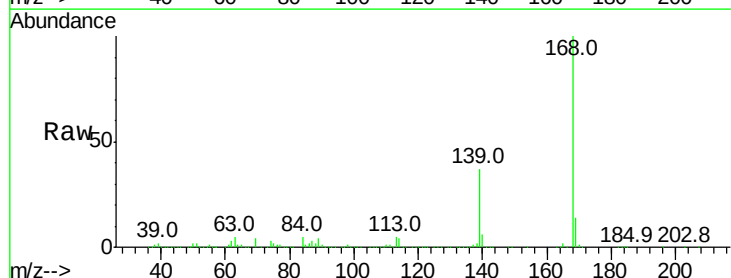
Instrument :
BNA_G
ClientSampleId :

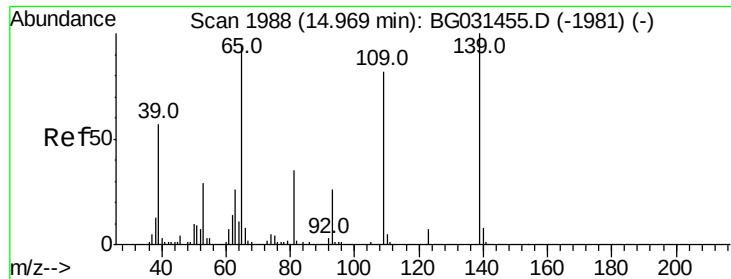
Tot Ion:184 Resp: 167506
Ion Ratio Lower Upper
184 100
63 47.5 59.8 89.8#
154 56.8 101.8 152.8#



#54
Dibenzofuran
Concen: 45.518 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion:168 Resp: 1074429
Ion Ratio Lower Upper
168 100
139 37.0 28.6 43.0
169 14.4 11.2 16.8

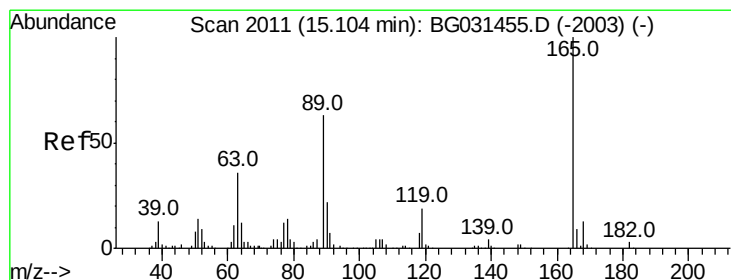
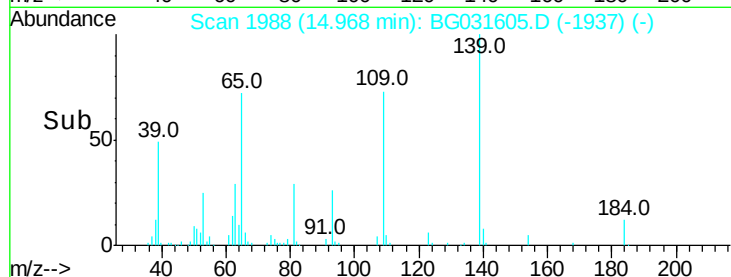
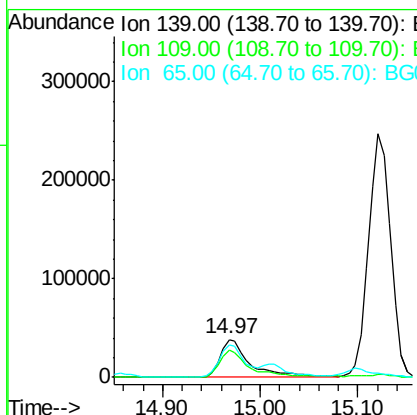
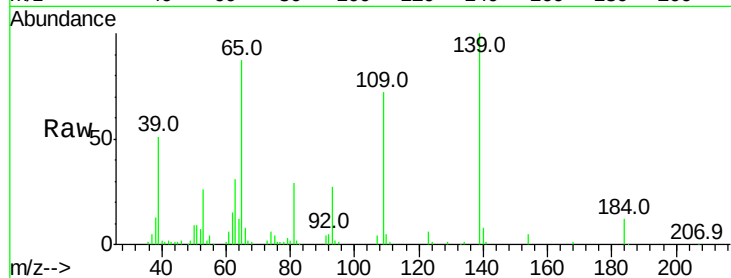




#55
4-Nitrophenol
Concen: 30.656 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

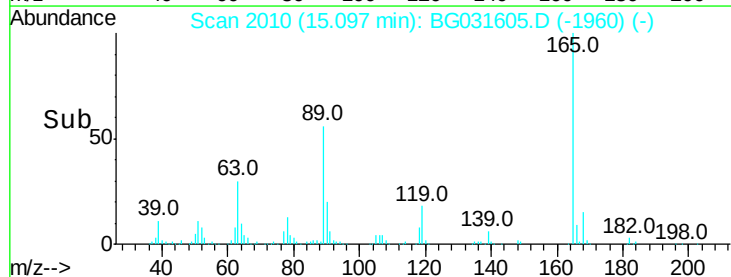
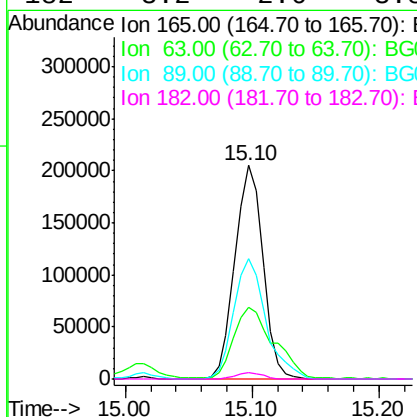
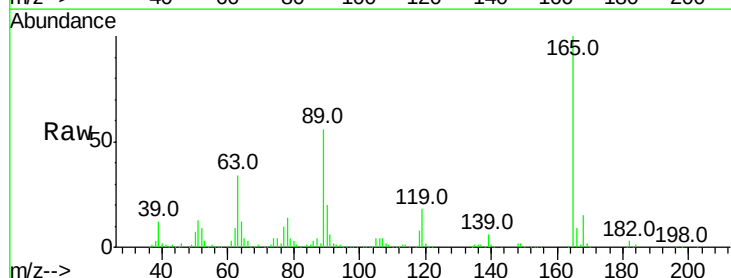
Instrument :
BNA_G
ClientSampleId :

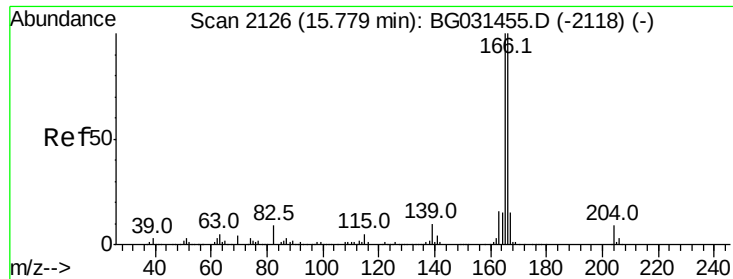
Tot Ion:139 Resp: 83629
Ion Ratio Lower Upper
139 100
109 72.4 62.2 102.2
65 86.5 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 51.385 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion:165 Resp: 312347
Ion Ratio Lower Upper
165 100
63 33.8 42.0 63.0#
89 56.4 66.9 100.3#
182 3.2 2.6 3.8

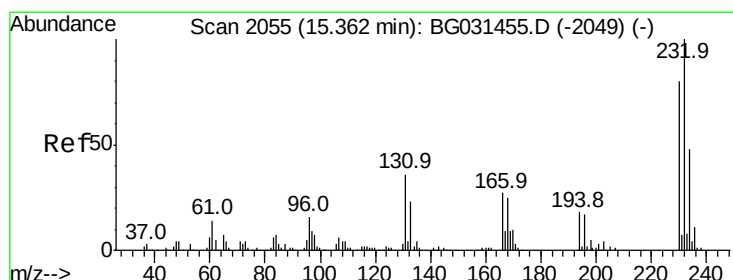
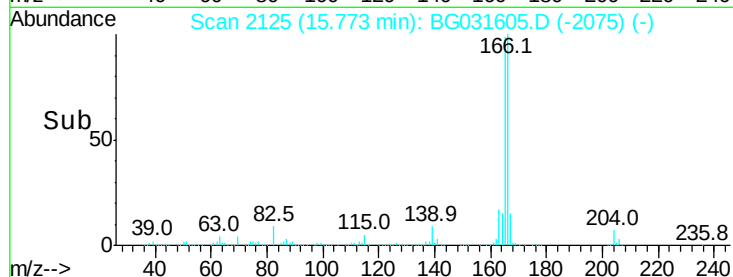
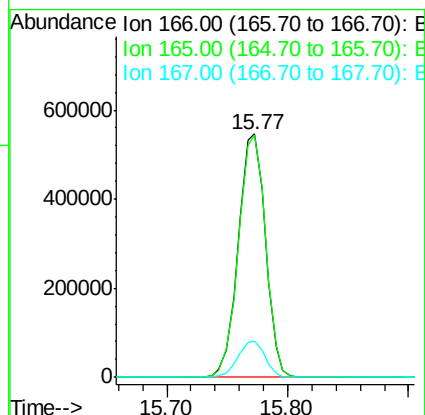
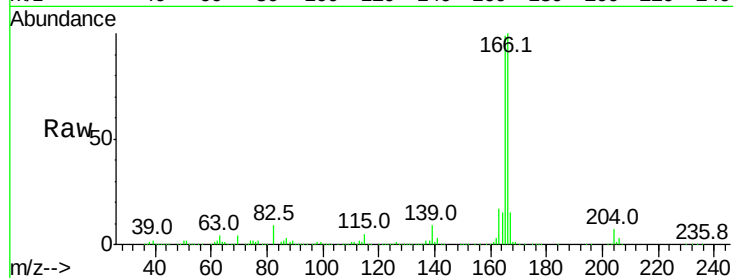




#57
 Fluorene
 Concen: 45.326 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

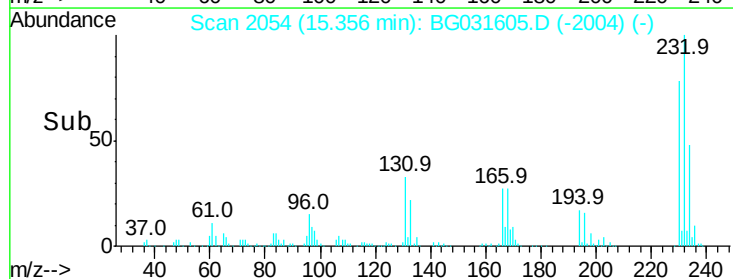
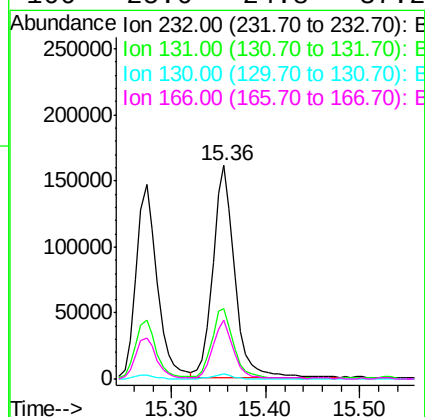
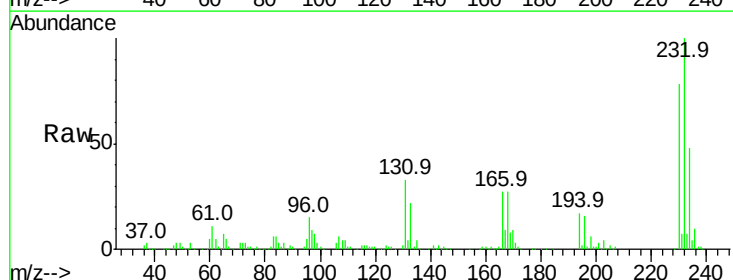
Instrument :
 BNA_G
 ClientSampleId :

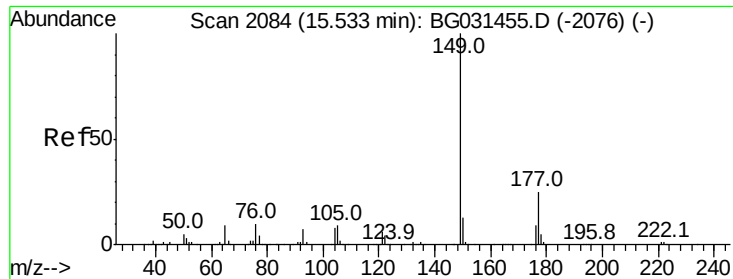
Tot Ion:166 Resp: 857268
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.6 121.0
 167 14.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.663 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion:232 Resp: 262391
 Ion Ratio Lower Upper
 232 100
 131 34.5 33.5 50.3
 130 2.0 2.2 3.2#
 166 25.6 24.8 37.2





#59

Diethylphthalate

Concen: 46.518 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG031605.D

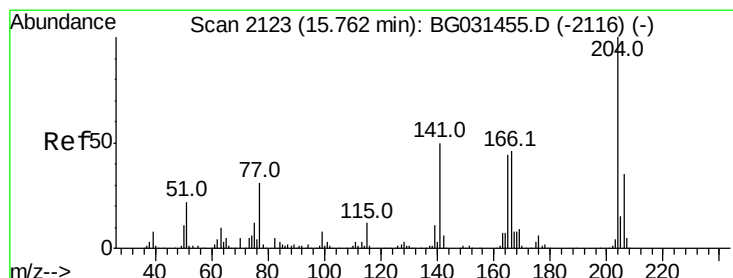
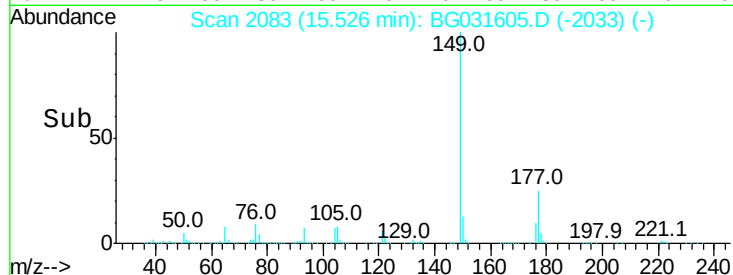
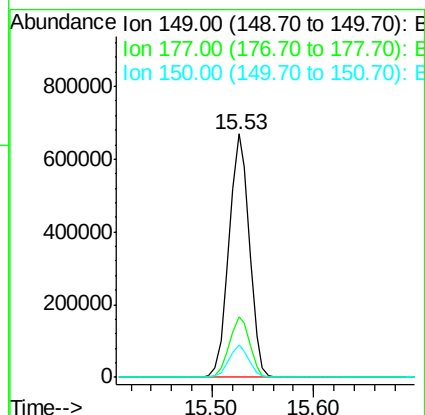
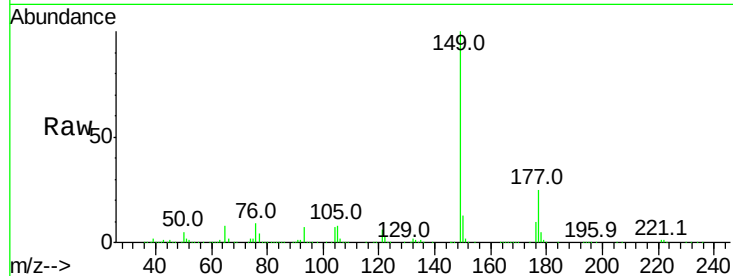
Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	933615
Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.5	27.7
150	13.1	10.2	15.2



#60

4-Chlorophenyl-phenylether

Concen: 44.552 ng

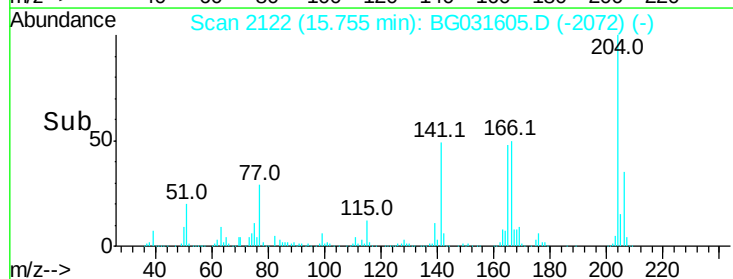
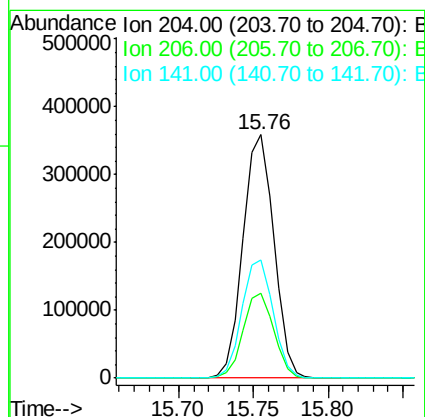
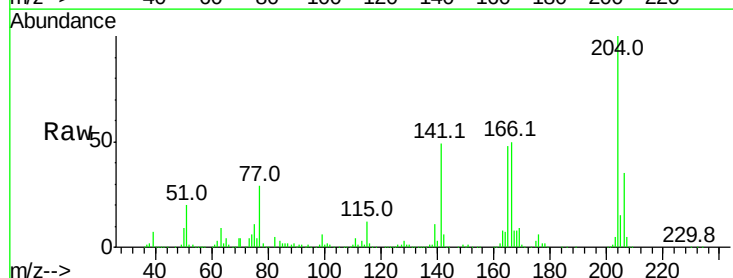
RT: 15.76 min Scan# 2122

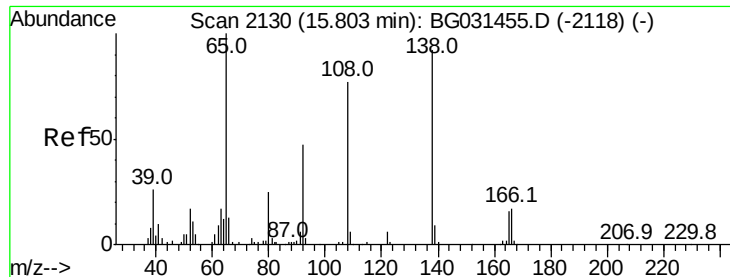
Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Tgt Ion:	204	Resp:	515531
Ion	Ratio	Lower	Upper
204	100		
206	35.0	26.2	39.2
141	48.6	45.8	68.6

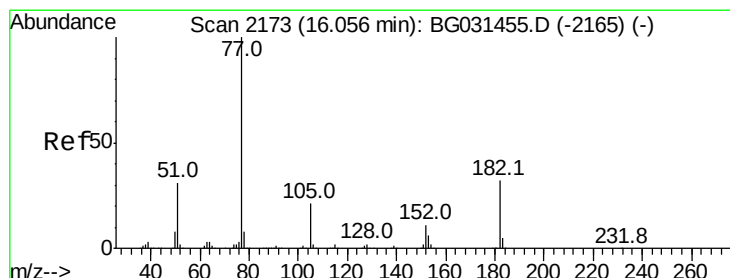
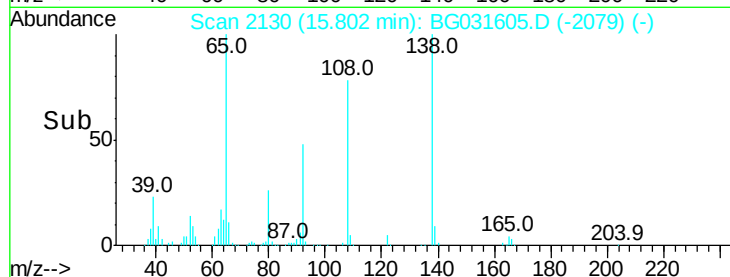
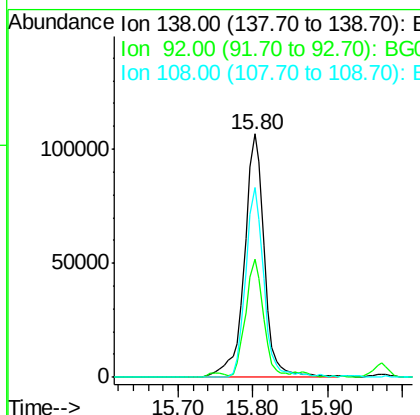
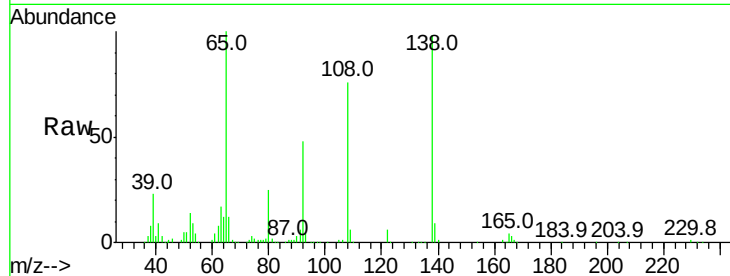




#61
4-Nitroaniline
Concen: 43.013 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

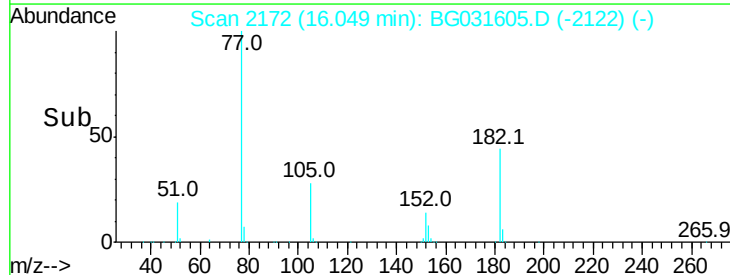
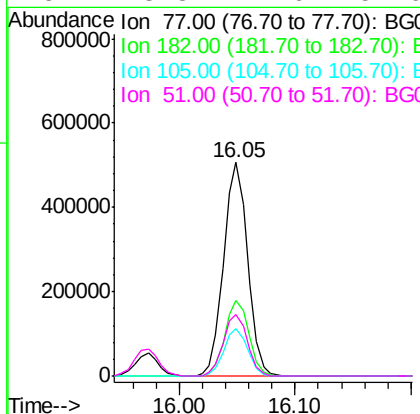
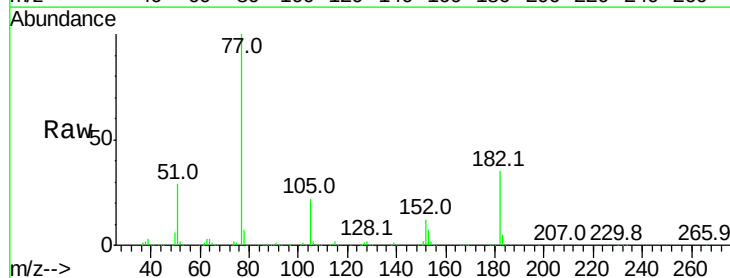
Instrument :
BNA_G
ClientSampled :

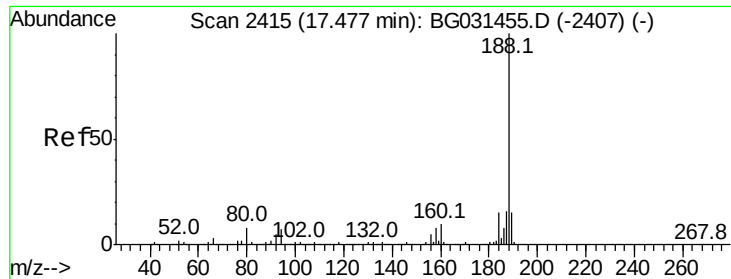
Tot Ion:138 Resp: 196923
Ion Ratio Lower Upper
138 100
92 48.8 40.1 80.1
108 77.9 65.4 105.4



#62
Azobenzene
Concen: 43.584 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion: 77 Resp: 724607
Ion Ratio Lower Upper
77 100
182 35.1 7.4 47.4
105 22.0 0.3 40.3
51 28.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

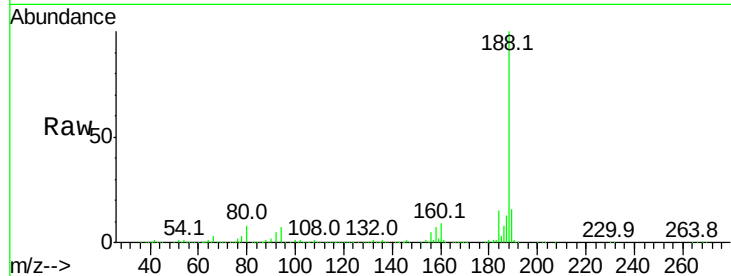
Tot Ion:188 Resp: 615460

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

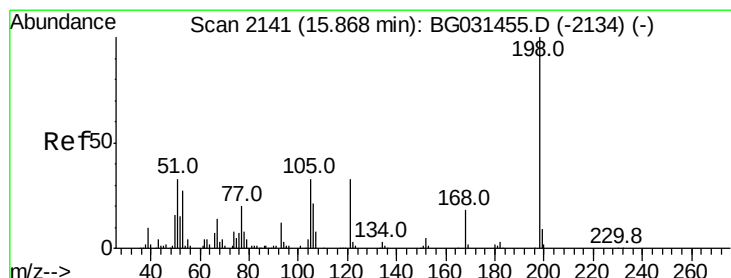
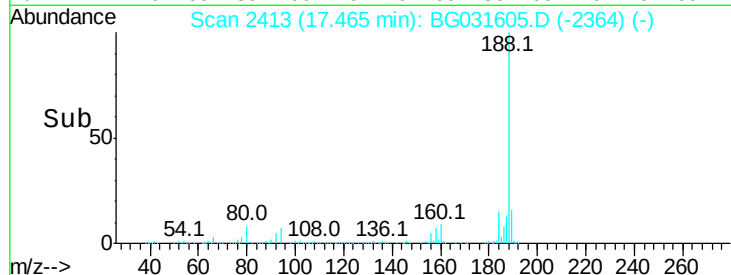
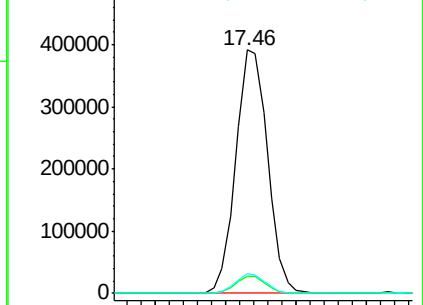
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.802 ng

RT: 15.87 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

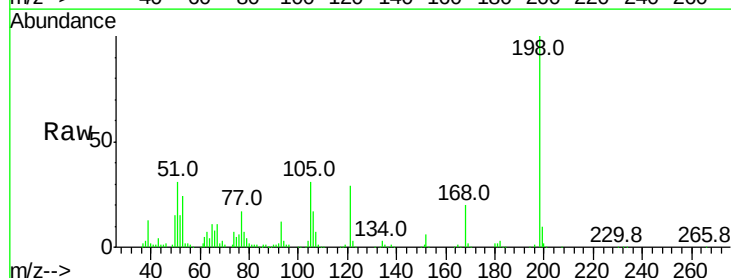
Tgt Ion:198 Resp: 153091

Ion Ratio Lower Upper

198 100

51 30.9 30.6 70.6

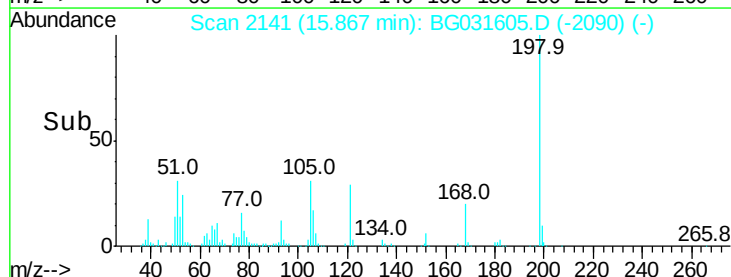
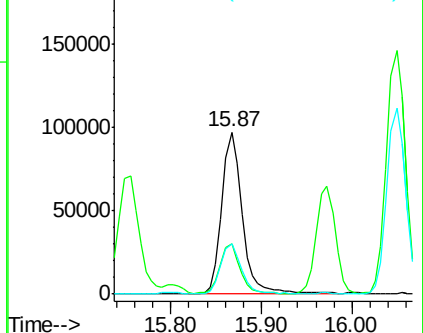
105 31.1 23.8 63.8

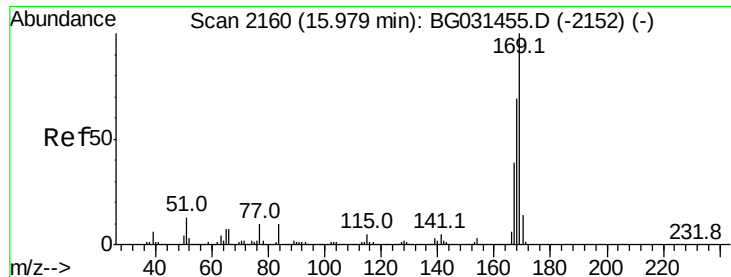


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.145 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

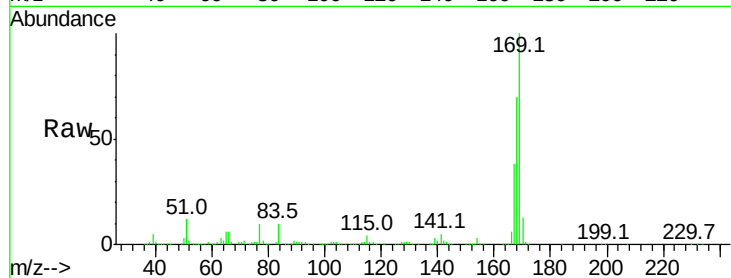
Tot Ion:169 Resp: 813279

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

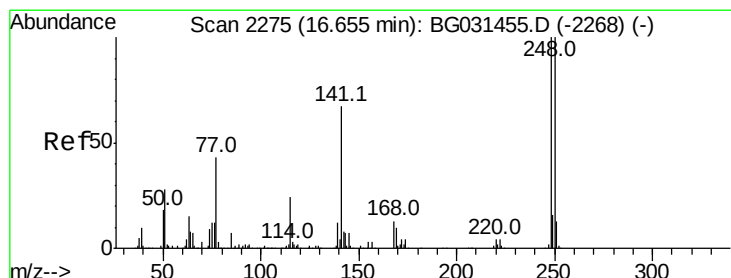
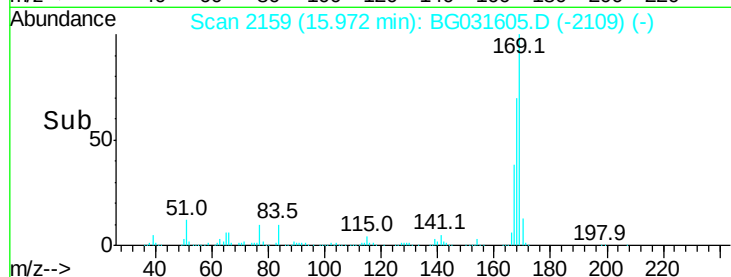
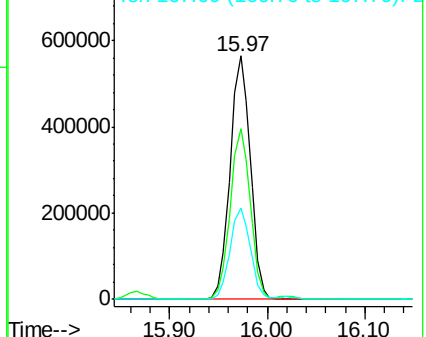
167 37.6 30.1 45.1



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: 48.833 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

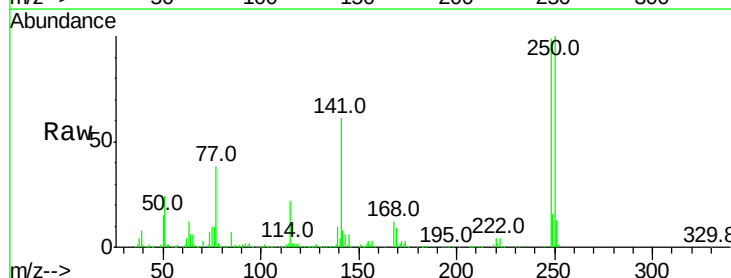
Tgt Ion:248 Resp: 349485

Ion Ratio Lower Upper

248 100

250 100.7 77.1 115.7

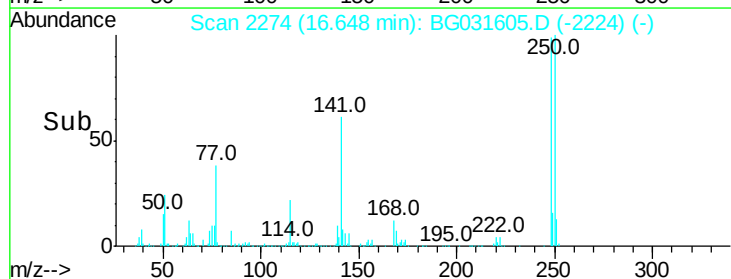
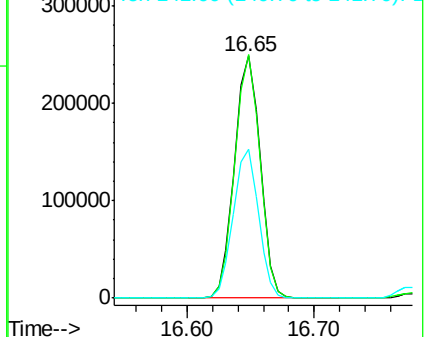
141 61.4 50.8 76.2

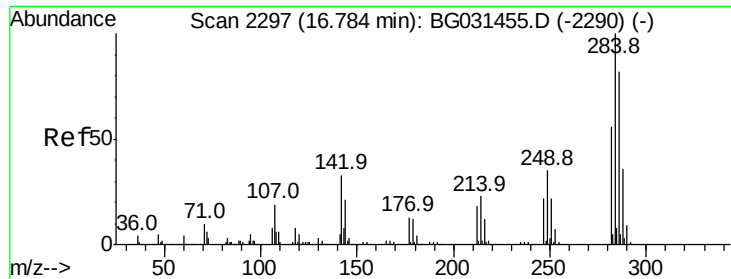


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

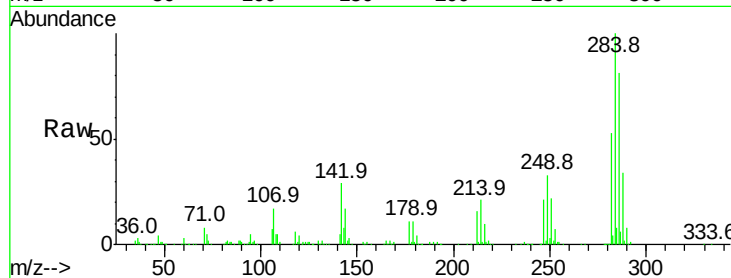




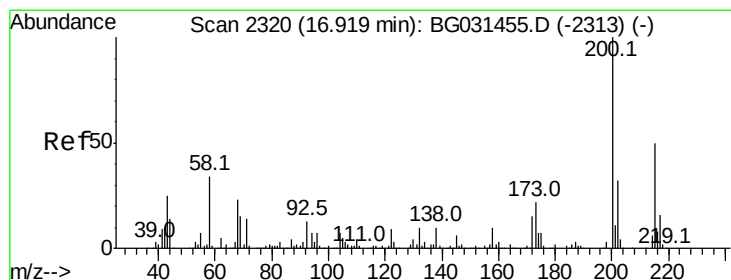
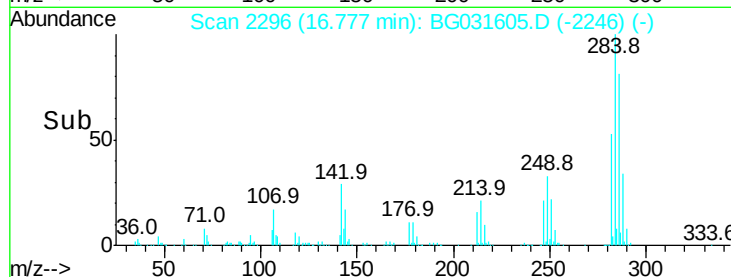
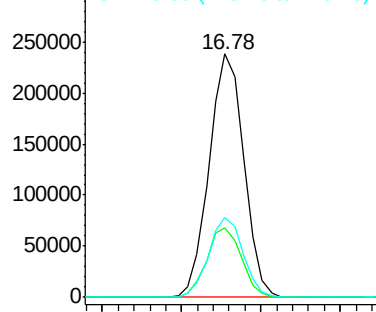
#67
Hexachlorobenzene
Concen: 48.823 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.7	26.8	40.2
249	32.8	26.3	39.5

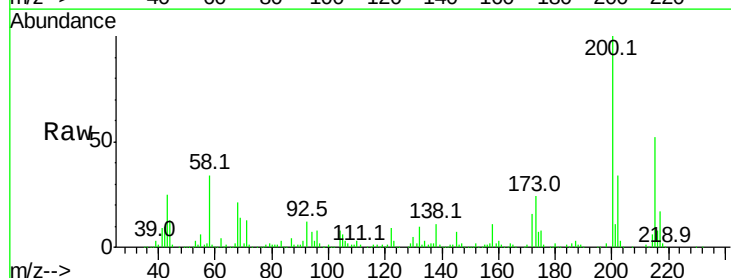


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

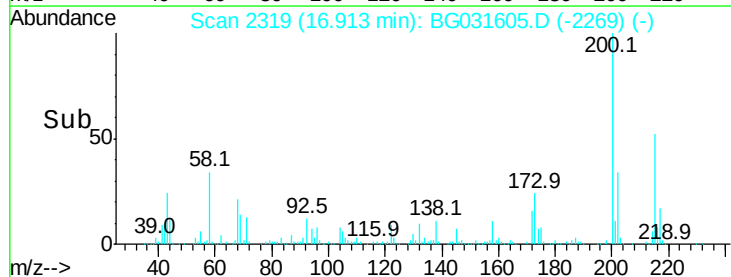
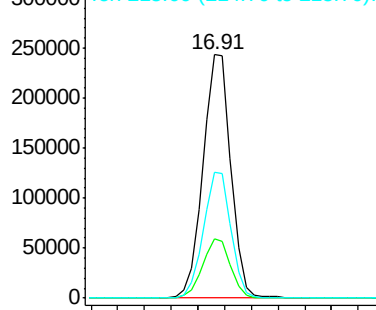


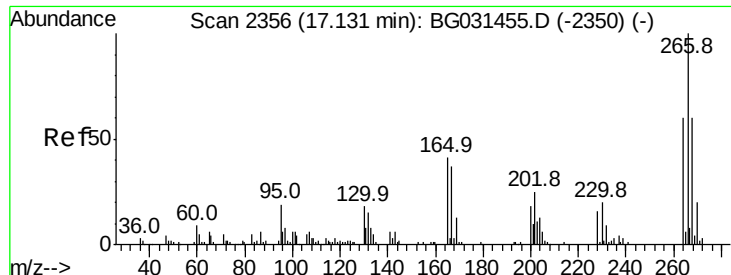
#68
Atrazine
Concen: 53.600 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.2	45.2
215	51.9	30.4	70.4



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: 77.592 ng

RT: 17.13 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

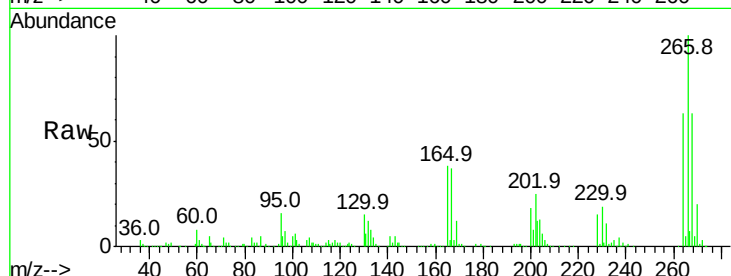
Tot Ion:266 Resp: 274985

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

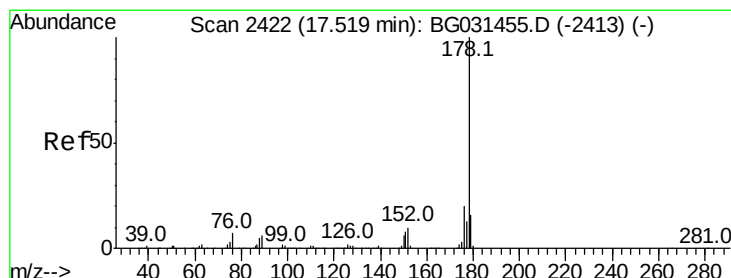
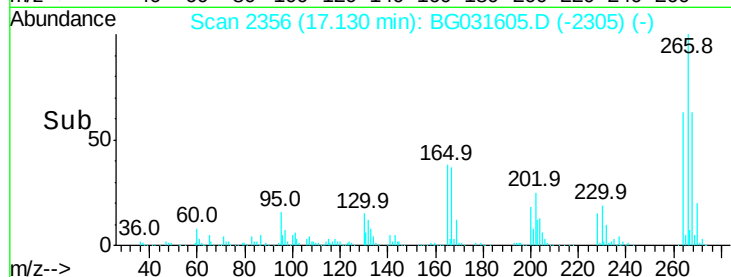
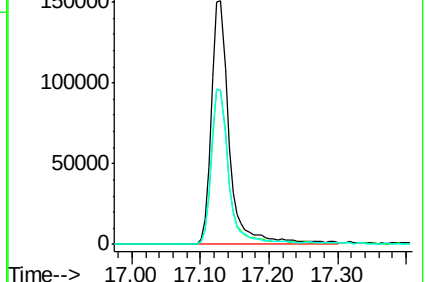
264 63.3 49.6 74.4



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: 45.133 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

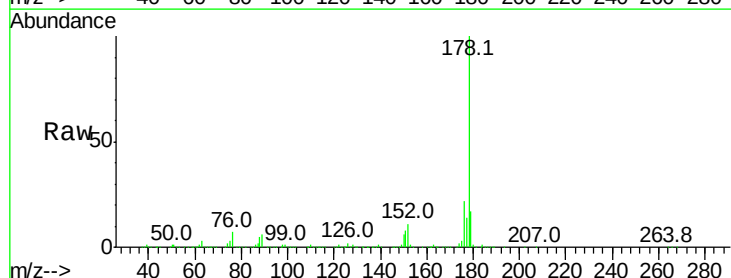
Tgt Ion:178 Resp: 1450704

Ion Ratio Lower Upper

178 100

176 21.5 15.7 23.5

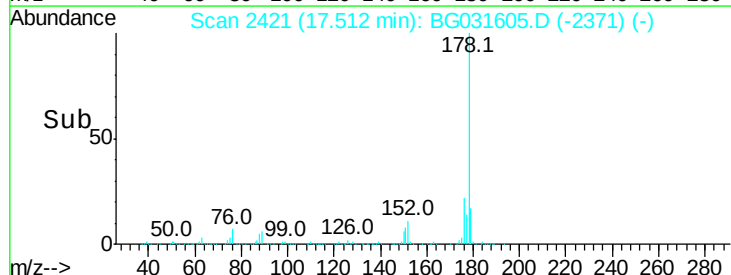
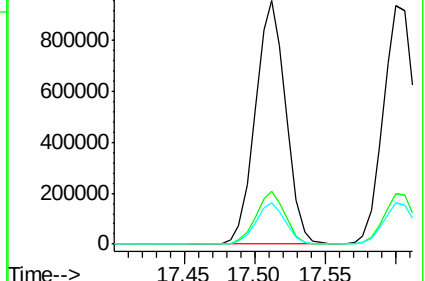
179 16.9 12.5 18.7

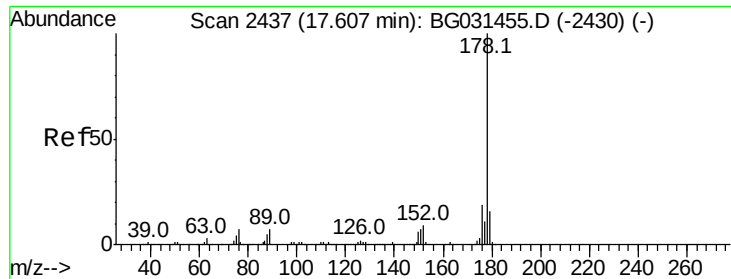


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

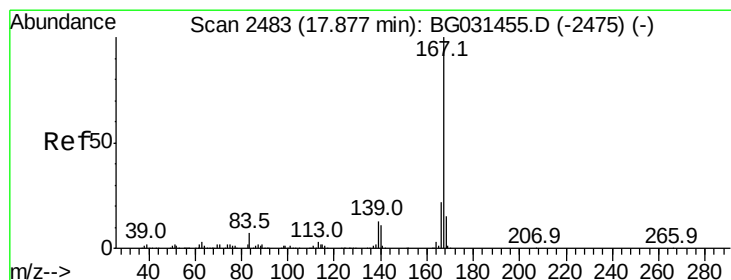
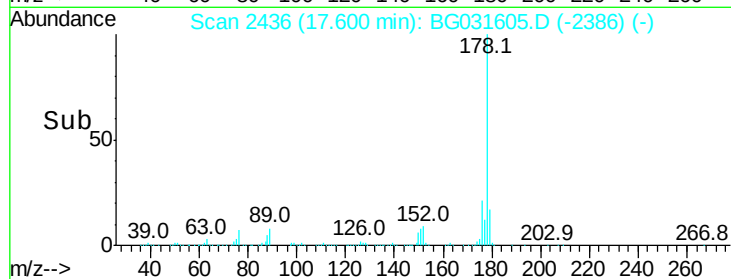
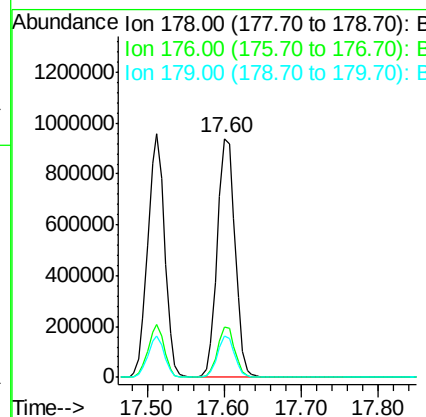
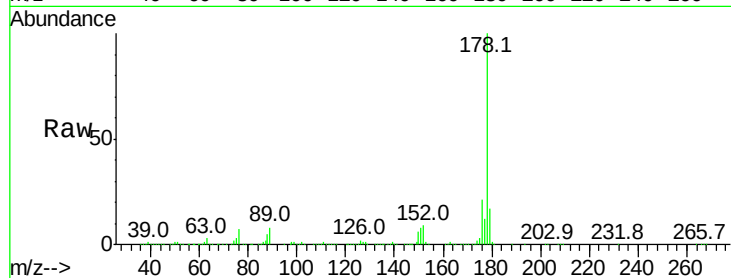




#71
 Anthracene
 Concen: 46.777 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

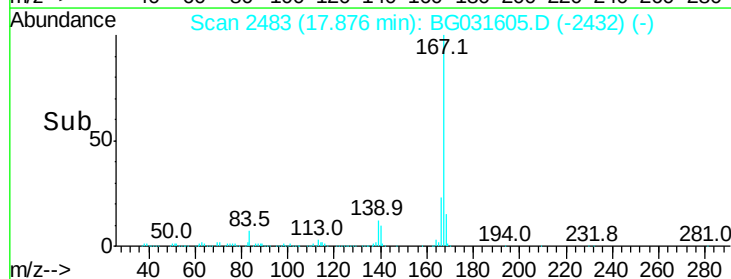
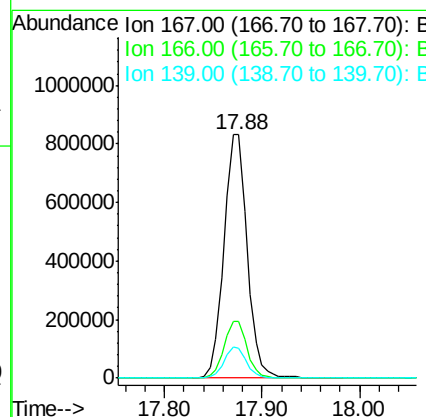
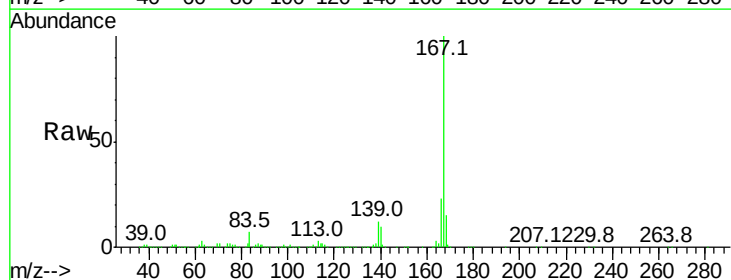
Instrument :
 BNA_G
 ClientSampleId :

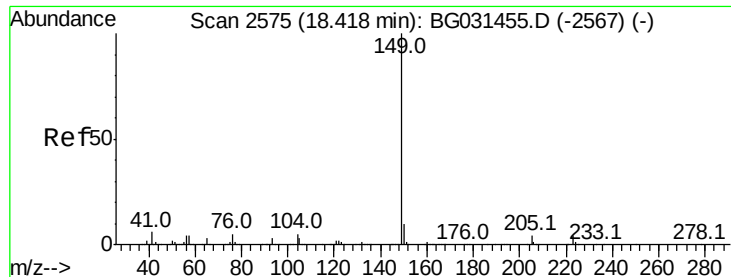
Tot Ion:178 Resp: 1487043
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.0 24.0
 179 17.4 12.5 18.7



#72
 Carbazole
 Concen: 47.731 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion:167 Resp: 1373132
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.850 ng

RT: 18.40 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

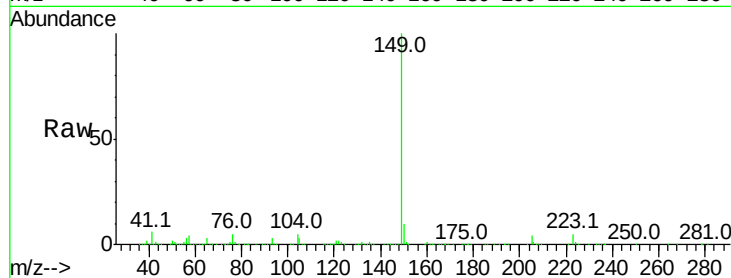
Tot Ion:149 Resp: 1556461

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

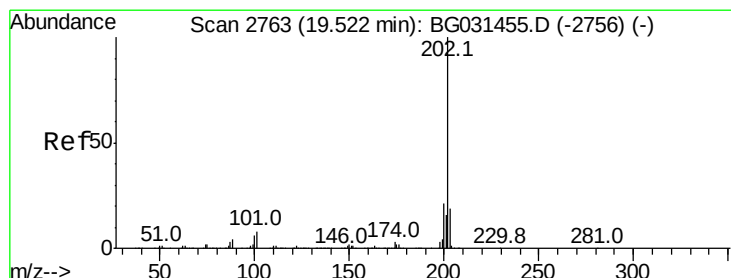
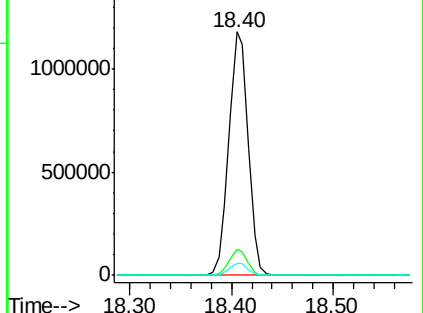
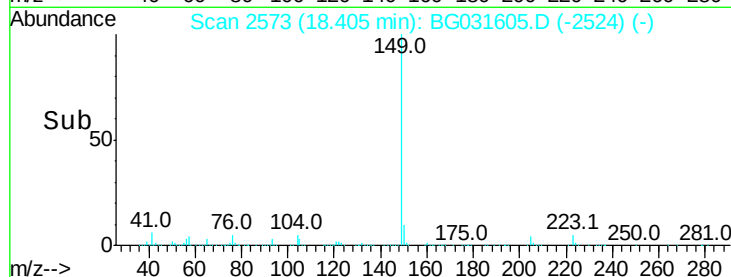
104 5.1 3.9 5.9



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: 46.147 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

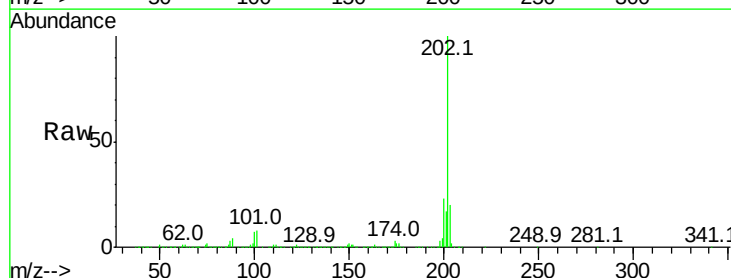
Tgt Ion:202 Resp: 1856331

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.9

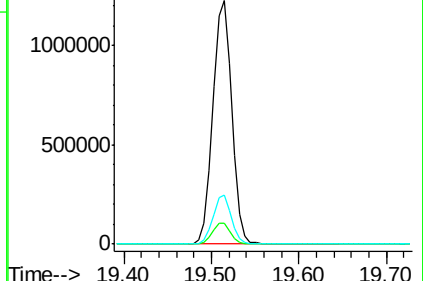
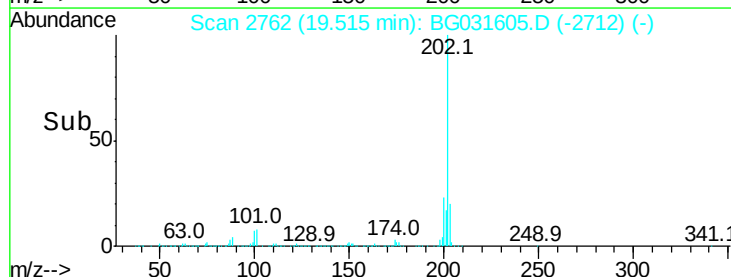
203 20.2 0.0 37.5

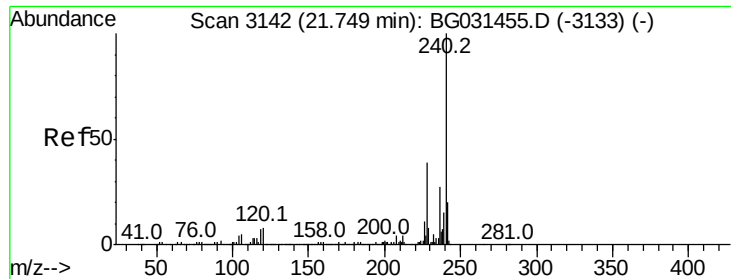


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

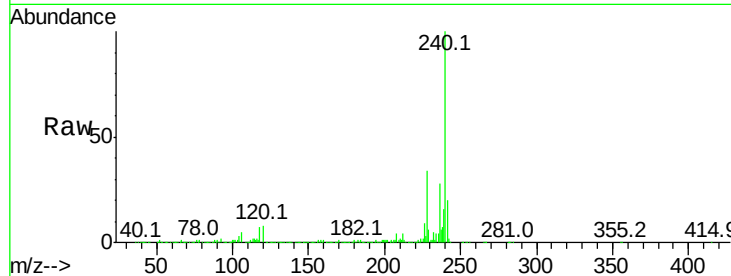
Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 620517

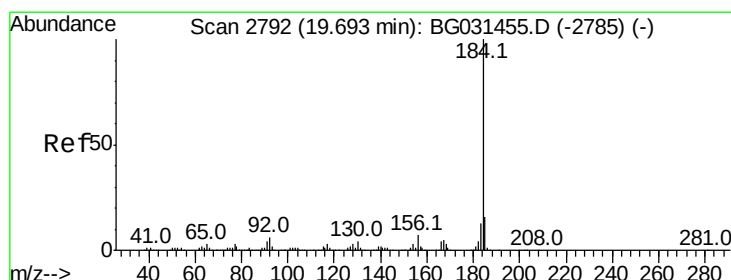
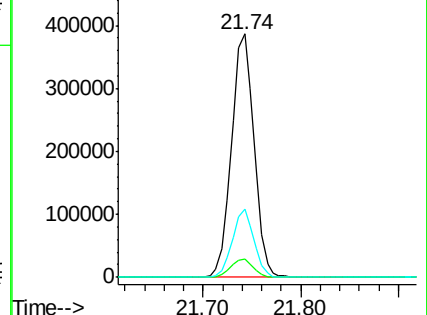
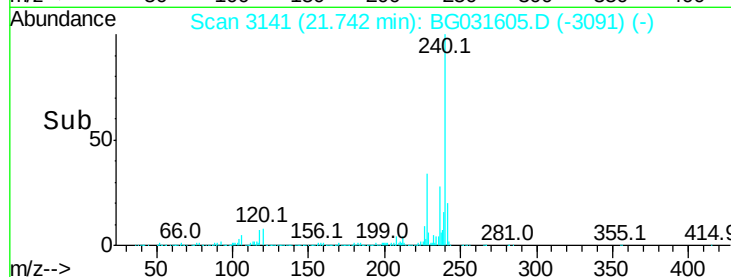
Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	27.9	20.9	31.3



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: 34.909 ng

RT: 19.69 min Scan# 2791

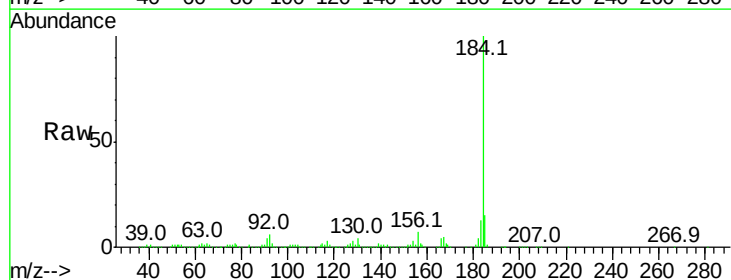
Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Tgt Ion:184 Resp: 504113

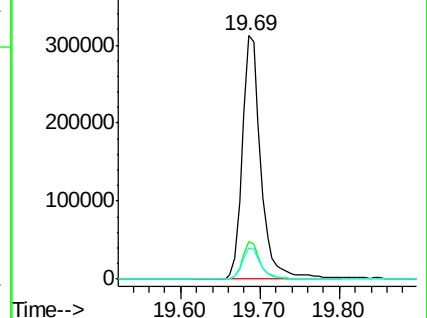
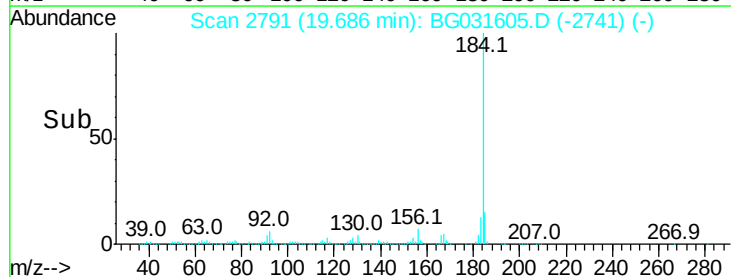
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	12.8	10.6	16.0

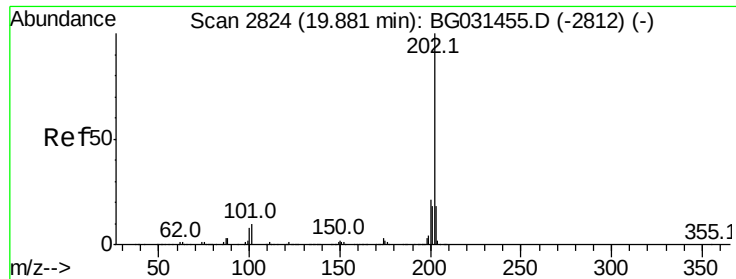


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.157 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

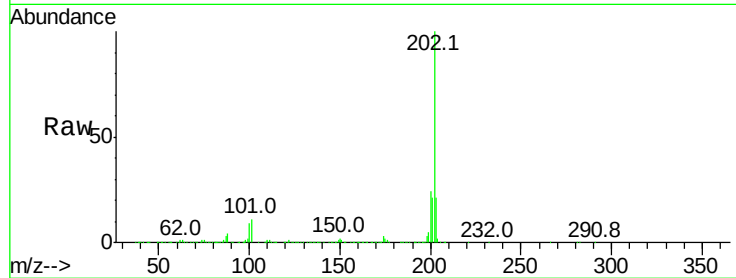
Tot Ion:202 Resp: 1856746

Ion Ratio Lower Upper

202 100

200 23.6 16.9 25.3

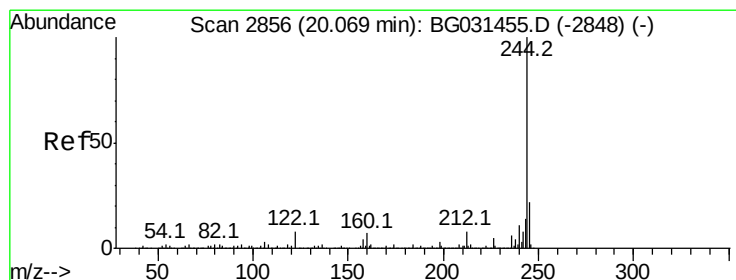
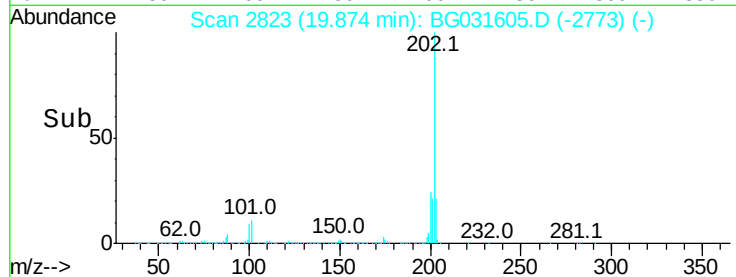
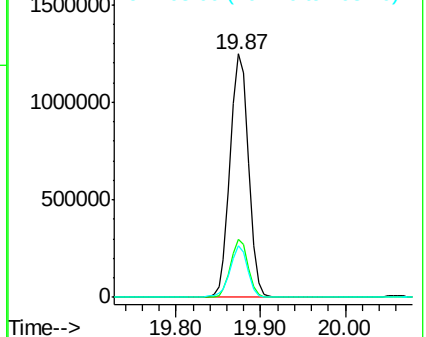
203 21.1 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.386 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

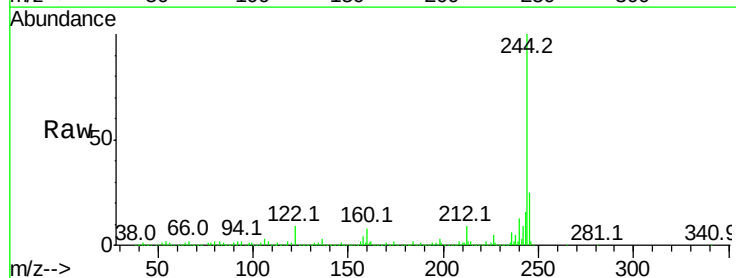
Tgt Ion:244 Resp: 2356046

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

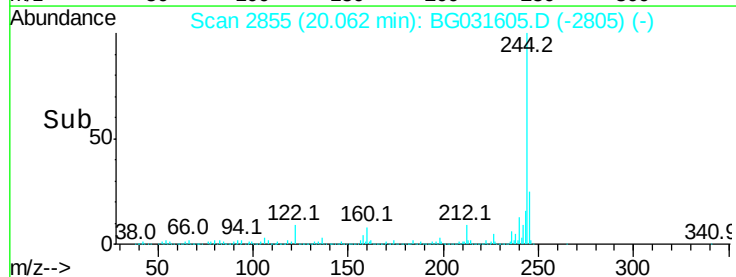
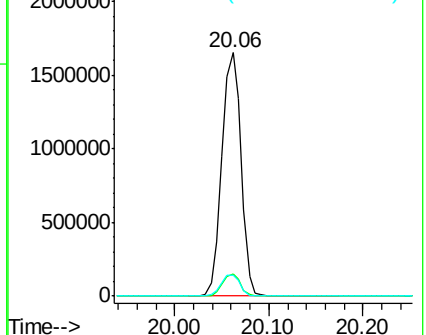
122 8.8 7.0 10.4

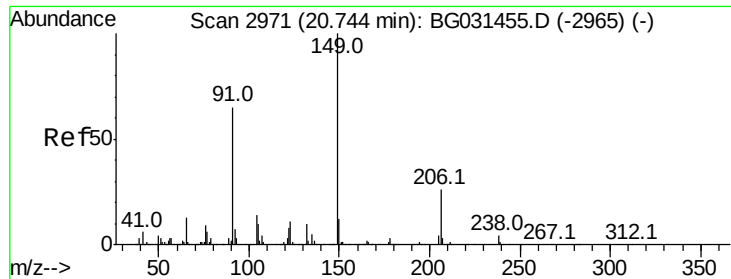


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

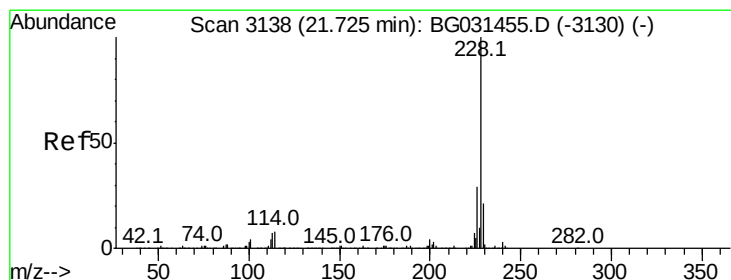
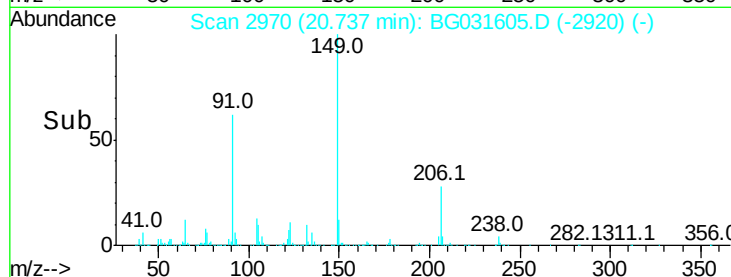
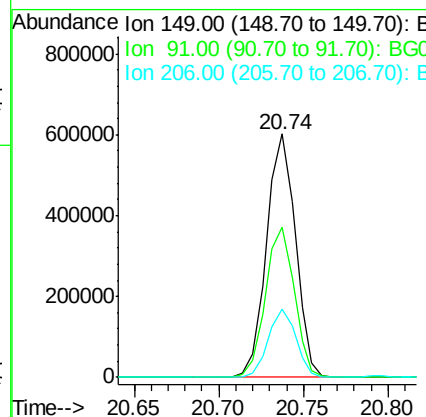
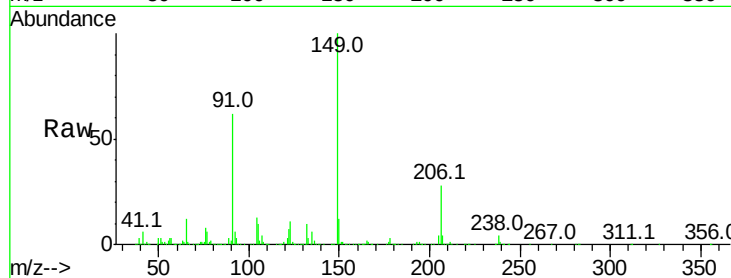




#79
Butylbenzylphthalate
Concen: 52.975 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

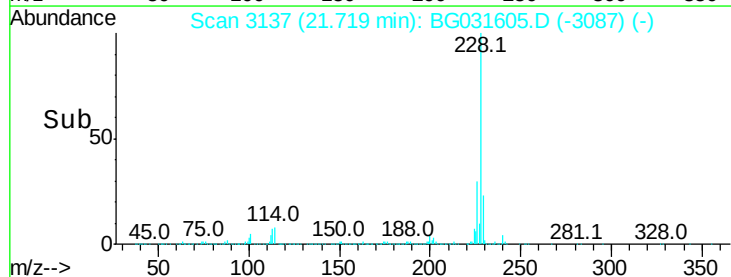
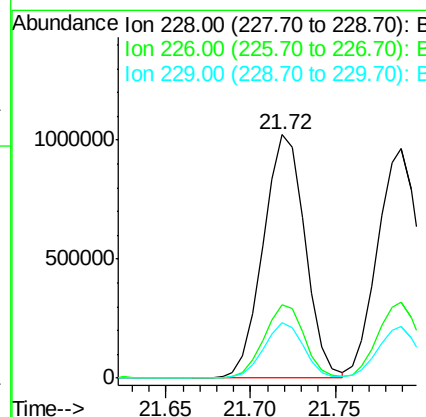
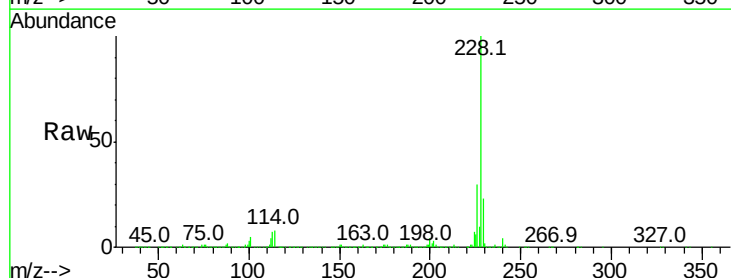
Instrument :
BNA_G
ClientSampleId :

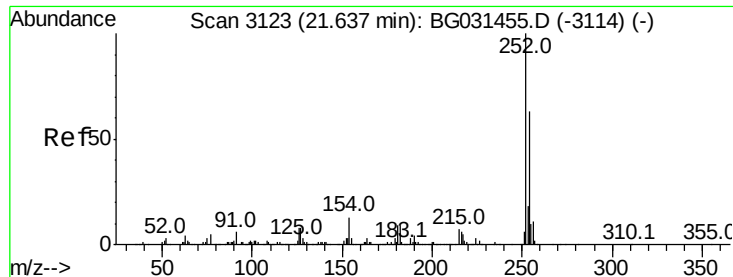
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	62.2	93.2#
206	28.0	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 47.165 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.7	34.1
229	22.5	16.2	24.2

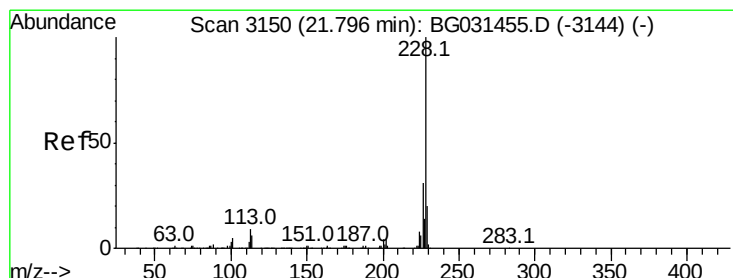
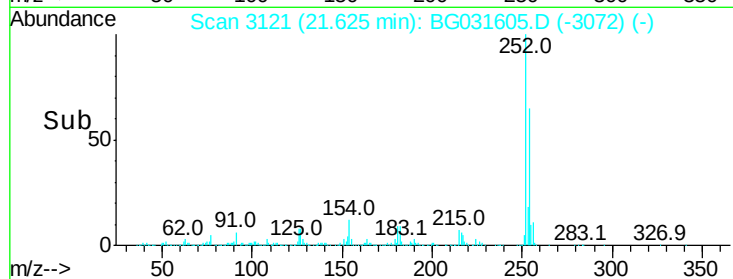
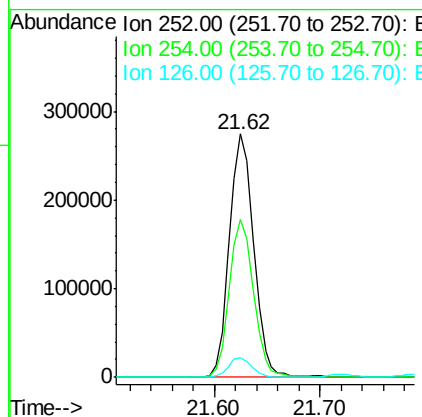
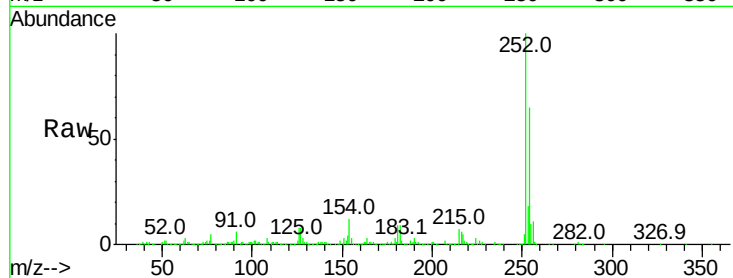




#81
 3,3'-Dichlorobenzidine
 Concen: 33.595 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

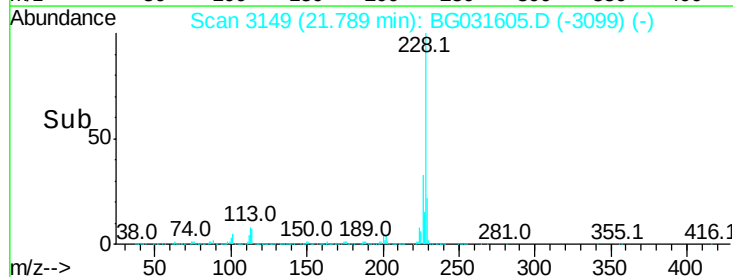
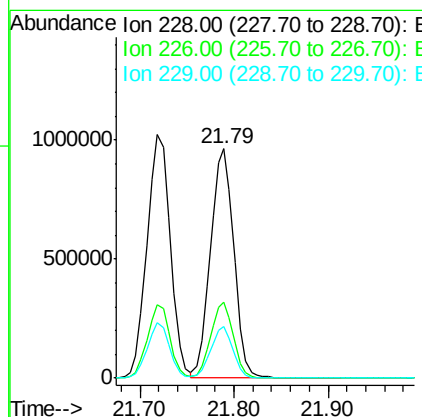
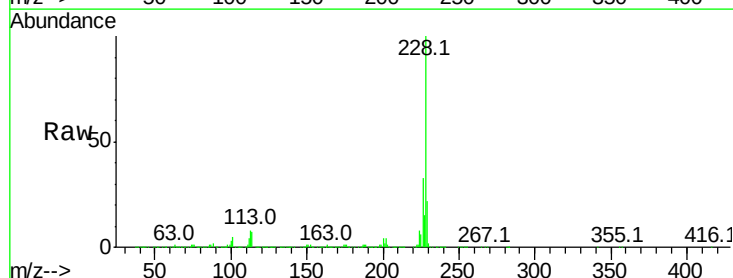
Instrument :
 BNA_G
 ClientSampleId :

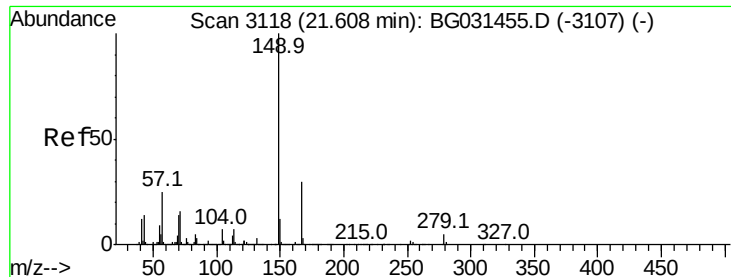
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	8.2	7.4	11.2



#82
 Chrysene
 Concen: 46.593 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	22.4	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.002 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

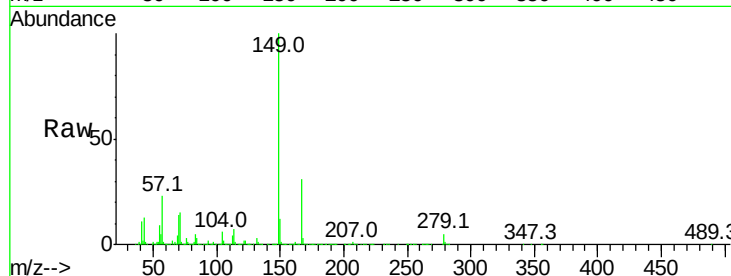
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 973027

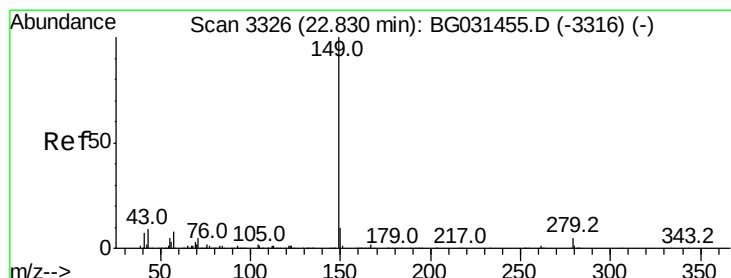
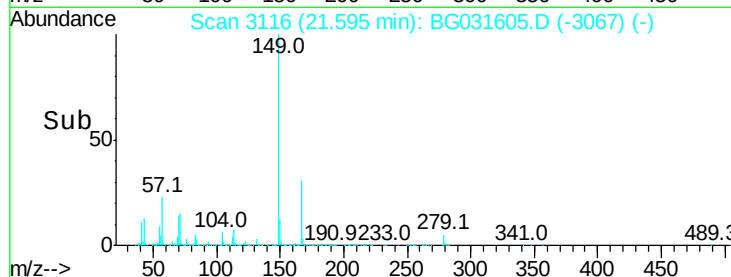
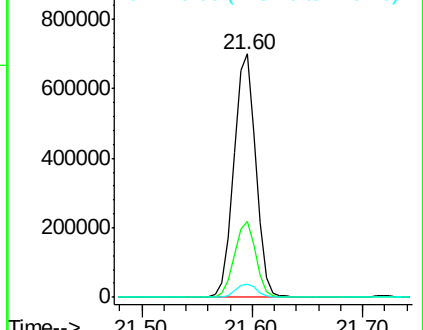
Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	5.3	4.0	6.0



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: 48.575 ng

RT: 22.81 min Scan# 3323

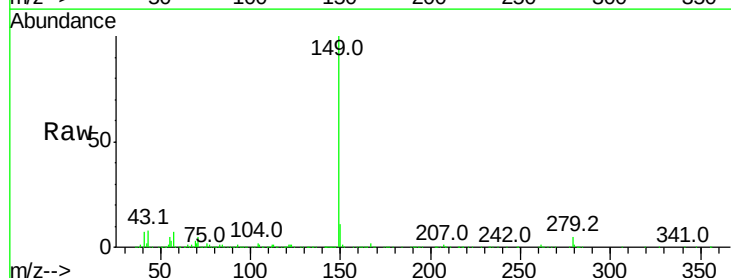
Delta R.T. -0.02 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Tgt Ion:149 Resp: 1559233

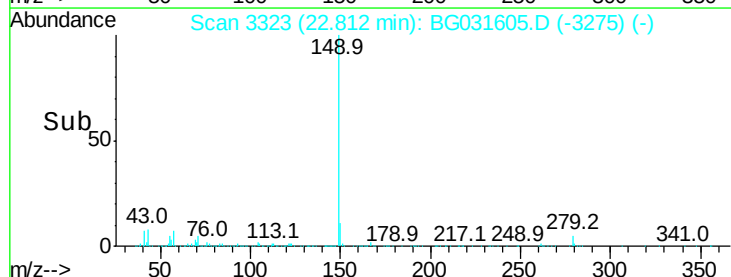
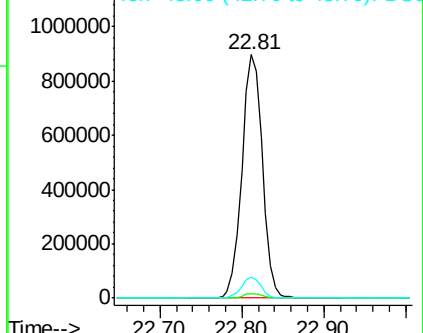
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.0	8.9	13.3

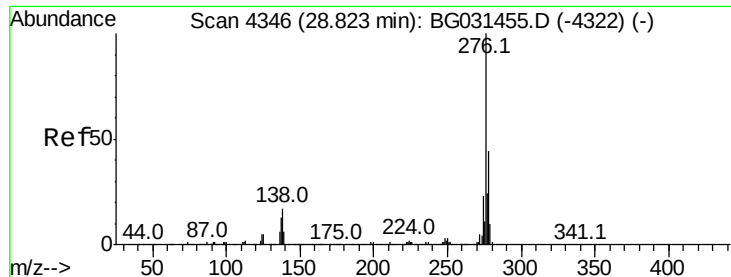


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

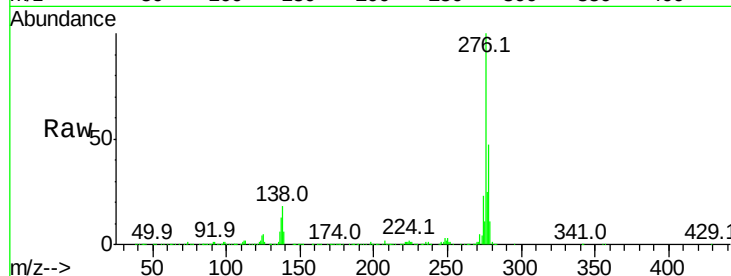




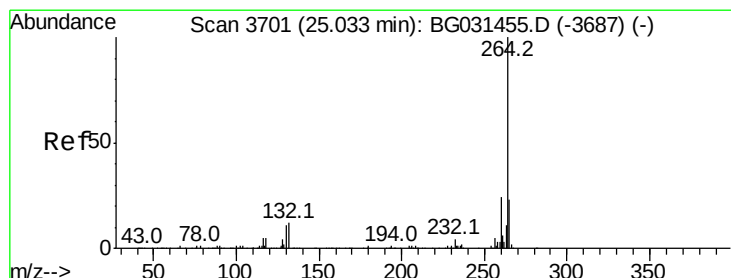
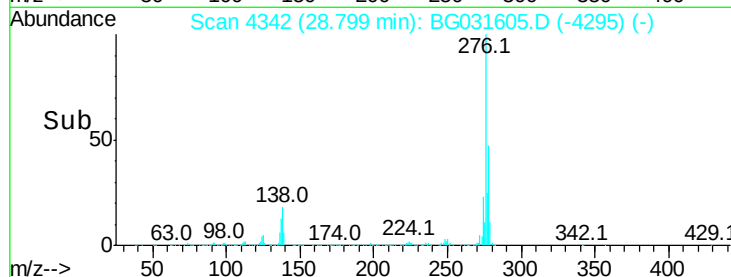
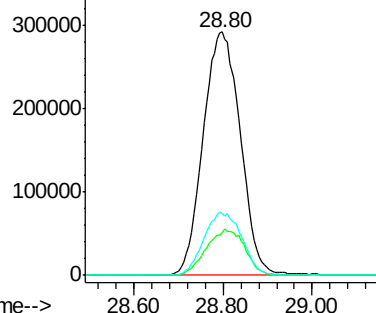
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.913 ng
RT: 28.80 min Scan# 4342
Delta R.T. -0.02 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 1685055
Ion Ratio Lower Upper
276 100
138 19.5 16.0 24.0
277 26.4 20.0 30.0

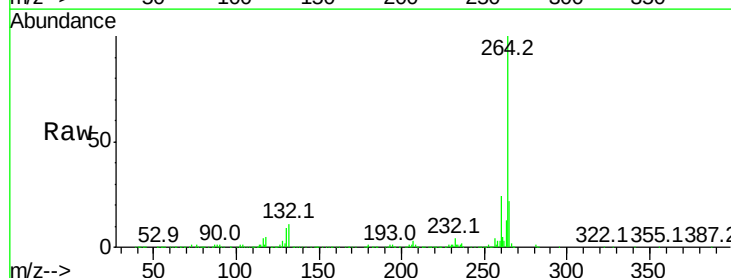


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

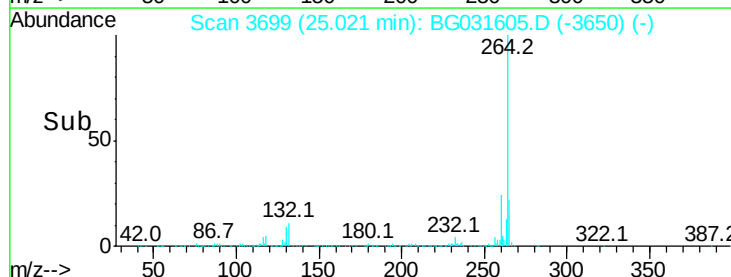
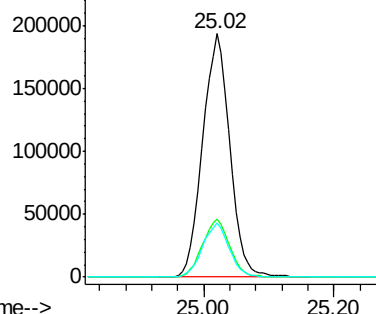


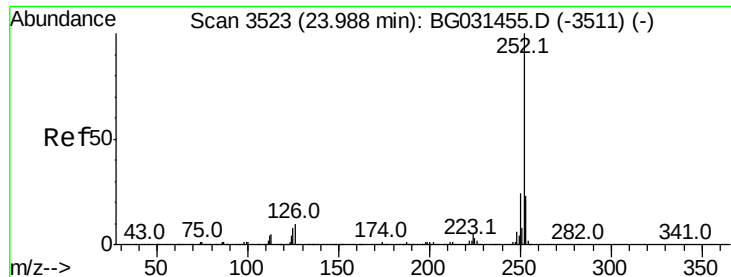
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion:264 Resp: 558865
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 22.3 17.7 26.5



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

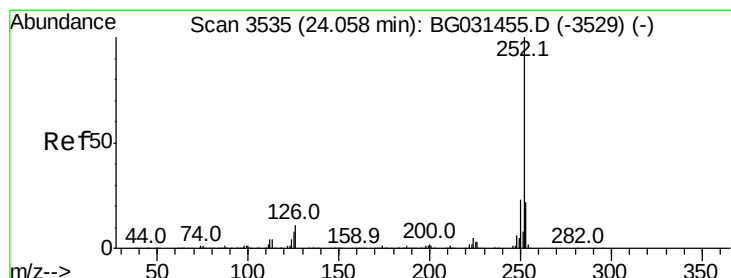
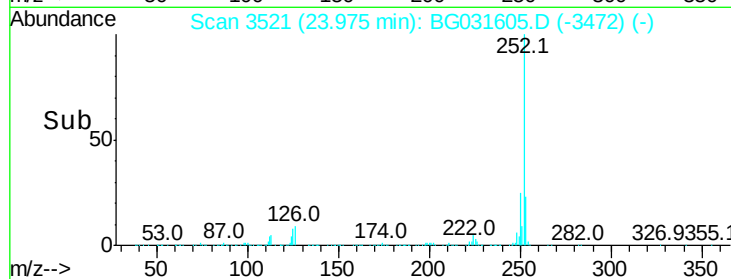
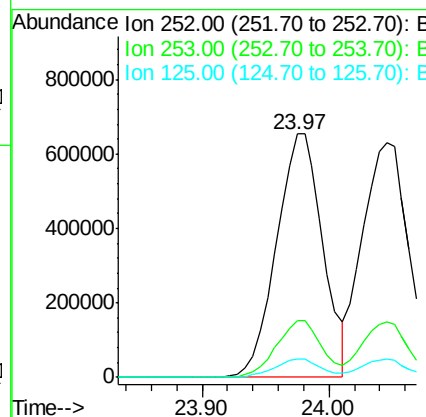
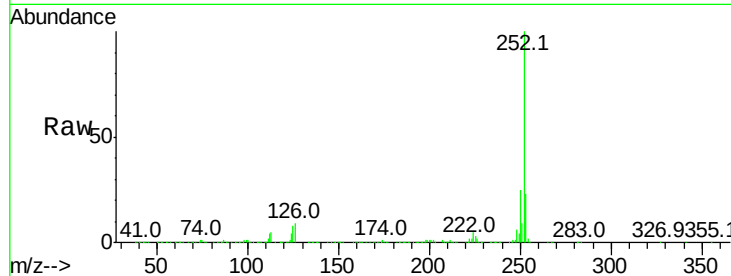




#87
Benzo(b)fluoranthene
Concen: 49.561 ng
RT: 23.97 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

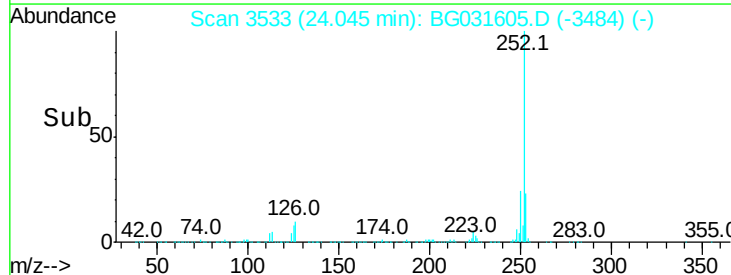
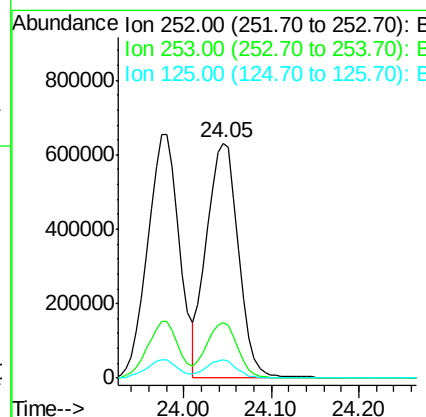
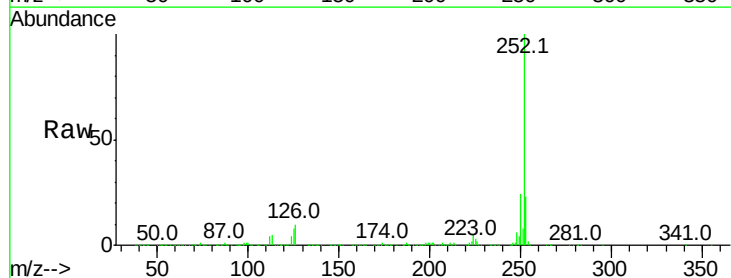
Instrument :
BNA_G
ClientSampleId :

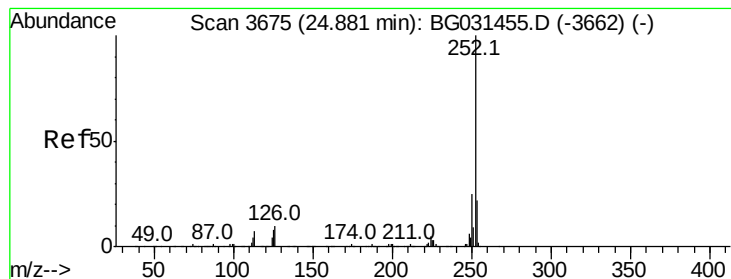
Tot Ion:252 Resp: 1655931
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 7.7 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 46.878 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031605.D
Acq: 16 Dec 2017 1:51

Tgt Ion:252 Resp: 1598412
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 7.6 6.6 9.8





#89

Benzo(a)pyrene

Concen: 48.251 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

Instrument :

BNA_G

ClientSampleId :

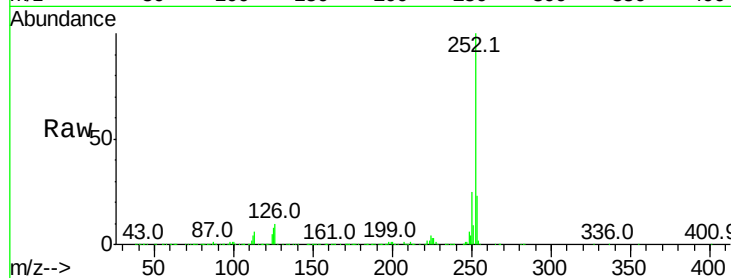
Tot Ion:252 Resp: 1529331

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

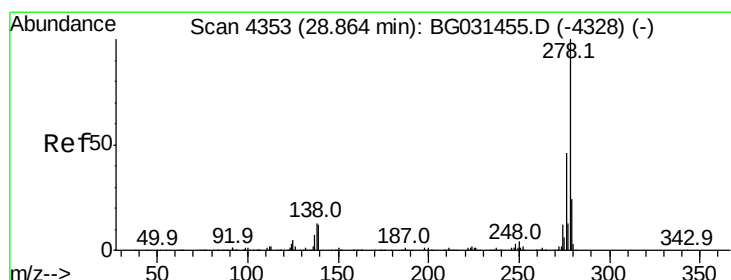
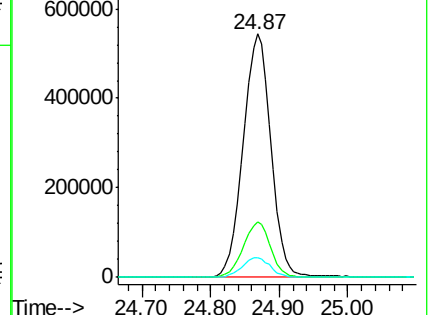
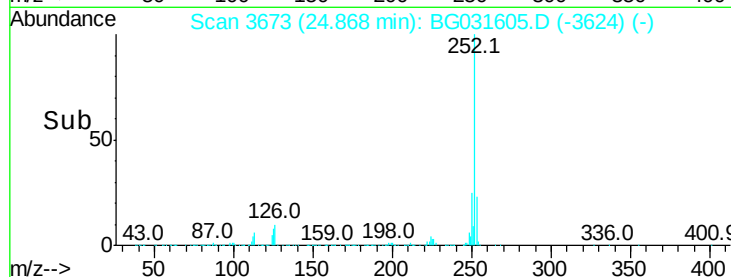
125 8.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.965 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.02 min

Lab File: BG031605.D

Acq: 16 Dec 2017 1:51

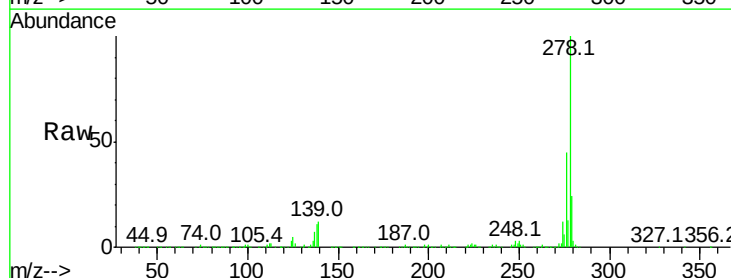
Tgt Ion:278 Resp: 1423475

Ion Ratio Lower Upper

278 100

139 11.6 9.8 14.6

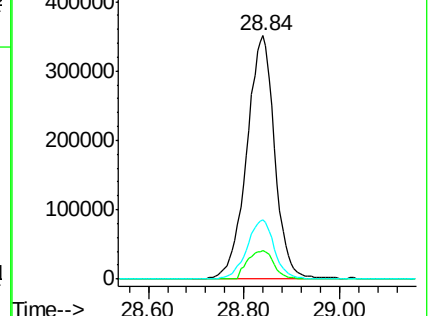
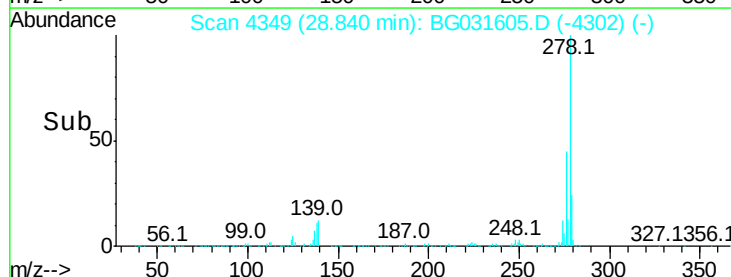
279 24.3 18.4 27.6

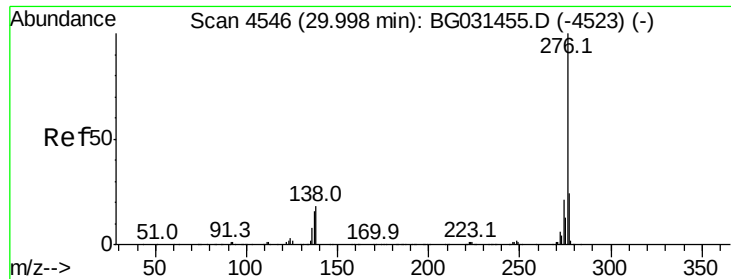


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

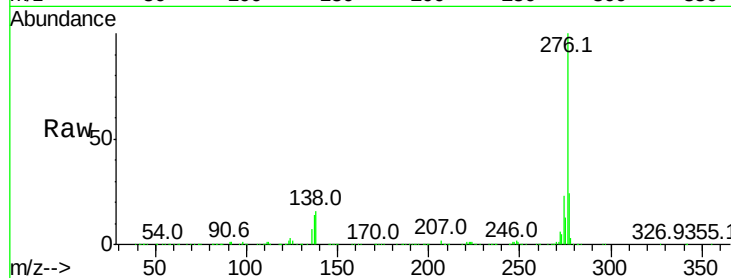




#91
 Benzo(a,h,i)perylene
 Concen: 47.579 ng
 RT: 29.97 min Scan# 4541
 Delta R.T. -0.03 min
 Lab File: BG031605.D
 Acq: 16 Dec 2017 1:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1417750
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.3 27.5
 138 16.0 13.9 20.9



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

