

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
 Data File : BG025705.D
 Acq On : 30 Jan 2017 15:12
 Operator : SJ/MA
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 16:11:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 16:05:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61407	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	249434	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	199041	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	471587	20.00	ng	0.00
75) Chrysene-d12	21.84	240	643808	20.00	ng	0.00
86) Perylene-d12	25.22	264	665977	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	275966	81.69	ng	0.00
7) Phenol-d6	7.33	99	393969	82.80	ng	0.00
23) Nitrobenzene-d5	9.35	82	502321	88.97	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	233302	72.81	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	979939	79.71	ng	0.00
78) Terphenyl-d14	20.13	244	2189820	90.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	61935	42.97	ng	93
3) Pyridine	3.95	79	167805	40.16	ng	96
4) n-Nitrosodimethylamine	3.88	42	97976	39.50	ng	98
6) Aniline	7.49	93	284736	44.17	ng	96
8) 2-Chlorophenol	7.73	128	154439	40.52	ng	97
9) Benzaldehyde	7.31	77	166605	47.86	ng	94
10) Phenol	7.36	94	224206	42.51	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	173983	42.81	ng	97
12) 1,3-Dichlorobenzene	8.06	146	181271	39.31	ng	96
13) 1,4-Dichlorobenzene	8.20	146	187393	39.21	ng	97
14) 1,2-Dichlorobenzene	8.53	146	185653	40.70	ng	96
15) Benzyl Alcohol	8.41	79	175505	38.64	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	345419	45.89	ng	96
17) 2-Methylphenol	8.62	107	145513	42.01	ng	97
18) Hexachloroethane	9.25	117	75677	41.23	ng	90
19) n-Nitroso-di-n-propylamine	8.97	70	176674	43.96	ng	98
20) 3+4-Methylphenols	8.95	107	211463	44.11	ng	95
22) Acetophenone	9.00	105	283583	40.92	ng	# 98
24) Nitrobenzene	9.40	77	266299	43.00	ng	99
25) Isophorone	9.91	82	466358	45.62	ng	98
26) 2-Nitrophenol	10.11	139	96092	40.57	ng	90
27) 2,4-Dimethylphenol	10.16	122	174757	44.88	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	251736	47.42	ng	97
29) 2,4-Dichlorophenol	10.65	162	176837	42.44	ng	98
30) 1,2,4-Trichlorobenzene	10.86	180	195907	38.92	ng	90
31) Naphthalene	11.05	128	538142	43.20	ng	98
32) Benzoic acid	10.31	122	95639	30.54	ng	95
33) 4-Chloroaniline	11.17	127	225845	43.11	ng	96
34) Hexachlorobutadiene	11.30	225	157748	38.39	ng	94
35) Caprolactam	11.95	113	71063	45.39	ng	92
36) 4-Chloro-3-methylphenol	12.29	107	213176	41.45	ng	97
37) 2-Methylnaphthalene	12.64	142	413029	44.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	274615	41.79	ng	96
40) Hexachlorocyclopentadiene	12.96	237	78817	41.16	ng	96

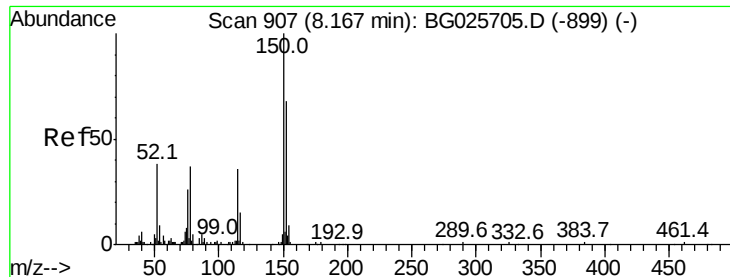
Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	159937	38.65	nq	93
43) 2,4,5-Trichlorophenol	13.34	196	169703	39.18	nq	95
45) 1,1'-Biphenyl	13.63	154	561910	41.97	nq	97
46) 2-Chloronaphthalene	13.68	162	429852	41.10	nq	99
47) 2-Nitroaniline	13.91	65	191800	43.44	nq	97
48) Acenaphthylene	14.52	152	717683	44.27	nq	97
49) Dimethylphthalate	14.24	163	614281	42.33	nq	97
50) 2,6-Dinitrotoluene	14.38	165	134427	42.41	nq	90
51) Acenaphthene	14.87	154	452357	42.66	nq	96
52) 3-Nitroaniline	14.73	138	131244	43.07	nq	93
53) 2,4-Dinitrophenol	14.95	184	67920	37.34	nq	92
54) Dibenzofuran	15.19	168	672839	40.14	nq	98
55) 4-Nitrophenol	15.05	139	90931	39.95	nq	# 83
56) 2,4-Dinitrotoluene	15.18	165	204639	44.34	nq	# 88
57) Fluorene	15.85	166	604416	43.07	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	172195	37.11	nq	95
59) Diethylphthalate	15.59	149	635986	41.80	nq	96
60) 4-Chlorophenyl-phenylether	15.82	204	338630	42.58	nq	92
61) 4-Nitroaniline	15.89	138	131747	42.96	nq	95
62) Azobenzene	16.12	77	661621	45.09	nq	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	141685	43.38	nq	88
65) n-Nitrosodiphenylamine	16.05	169	550284	43.17	nq	97
66) 4-Bromophenyl-phenylether	16.72	248	234951	40.38	nq	97
67) Hexachlorobenzene	16.85	284	254928	38.18	nq	92
68) Atrazine	16.98	200	266965	47.80	nq	99
69) Pentachlorophenol	17.20	266	120692	34.87	nq	91
70) Phenanthrene	17.59	178	1054053	43.37	nq	95
71) Anthracene	17.68	178	1089754	44.13	nq	98
72) Carbazole	17.96	167	1078714	48.84	nq	96
73) Di-n-butylphthalate	18.47	149	1218644	44.85	nq	96
74) Fluoranthene	19.59	202	1417729	44.17	nq	97
76) Benzidine	19.77	184	959657	59.76	nq	99
77) Pyrene	19.95	202	1482014	44.04	nq	98
79) Butylbenzylphthalate	20.80	149	591898	43.81	nq	95
80) Benzo(a)anthracene	21.82	228	1538055	42.83	nq	97
81) 3,3'-Dichlorobenzidine	21.72	252	614363	44.05	nq	99
82) Chrysene	21.89	228	1452605	42.18	nq	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	852817	45.36	nq	96
84) Di-n-octyl phthalate	22.90	149	1393655	44.65	nq	98
85) Indeno(1,2,3-cd)pyrene	29.13	276	1768991	40.41	nq	# 95
87) Benzo(b)fluoranthene	24.13	252	1524295	41.95	nq	98
88) Benzo(k)fluoranthene	24.21	252	1510824	43.05	nq	97
89) Benzo(a)pyrene	25.06	252	1460294	41.61	nq	100
90) Dibenzo(a,h)anthracene	29.16	278	1518669	40.83	nq	98
91) Benzo(g,h,i)perylene	30.34	276	1528896	41.36	nq	# 98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

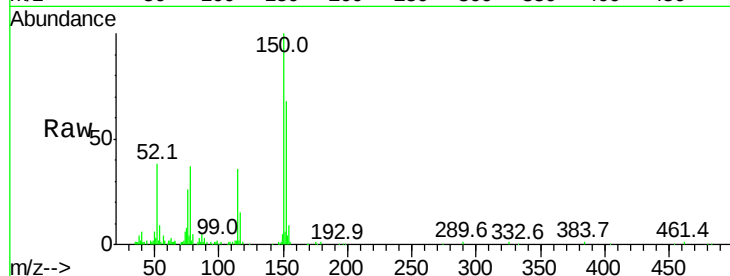
Tot Ion:152 Resp: 61407

Ion Ratio Lower Upper

152 100

150 147.6 114.0 171.0

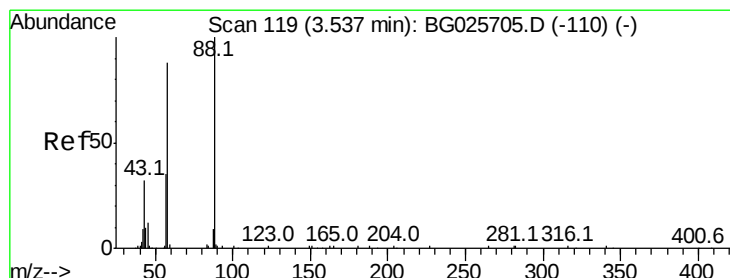
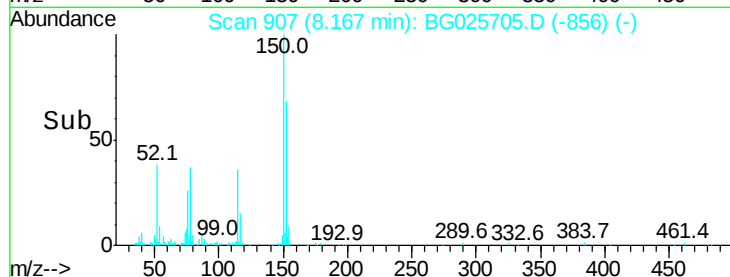
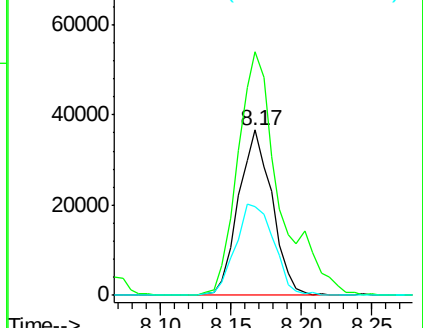
115 53.7 48.1 72.1



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: 42.97 ng

RT: 3.54 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

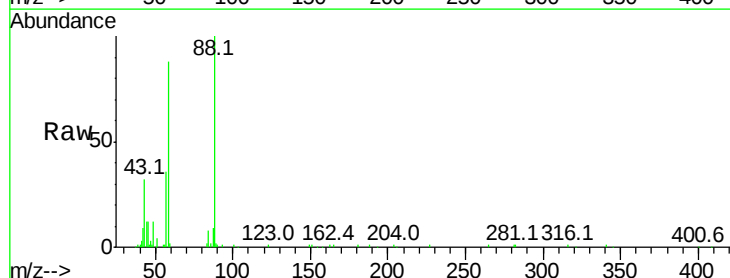
Tgt Ion: 88 Resp: 61935

Ion Ratio Lower Upper

88 100

58 92.3 79.4 119.2

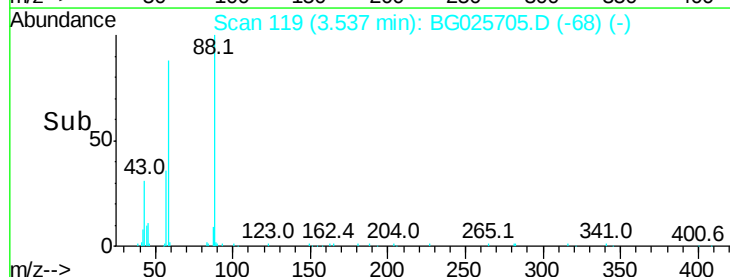
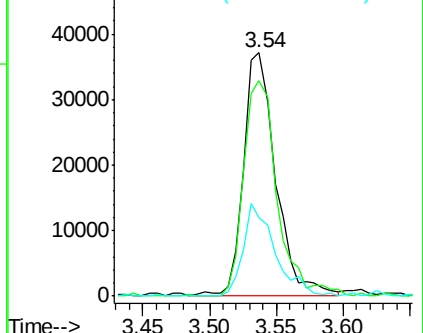
43 37.4 33.8 50.6

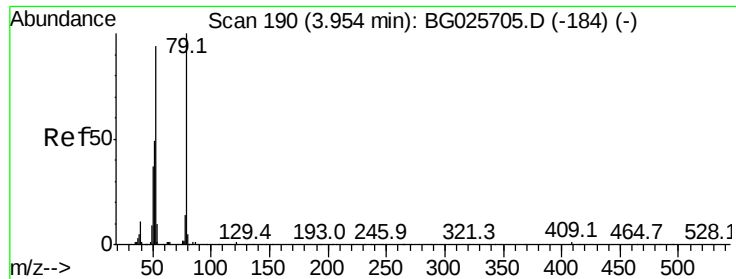


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.16 ng

RT: 3.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

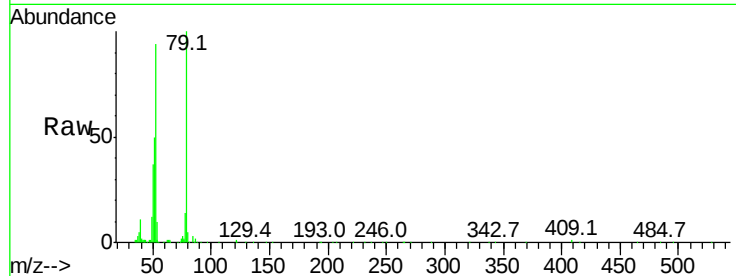
Instrument :

BNA_G

ClientSampled :

Tot Ion: 79 Resp: 167805

Ion	Ratio	Lower	Upper
79	100		
52	94.4	77.8	116.6
51	50.2	43.2	64.8

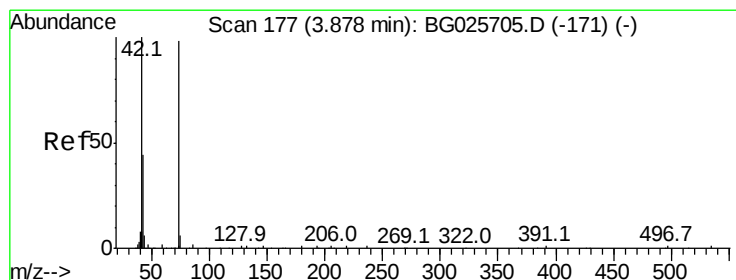
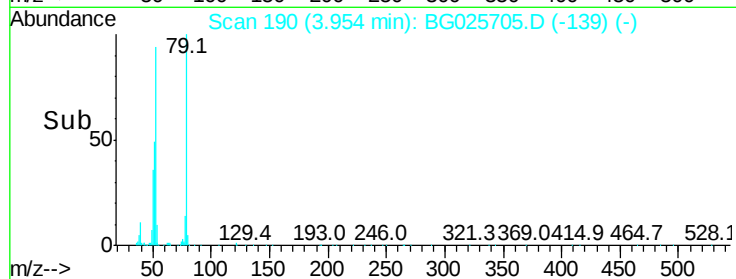
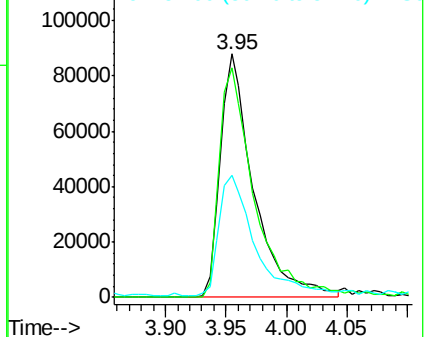


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.50 ng

RT: 3.88 min Scan# 177

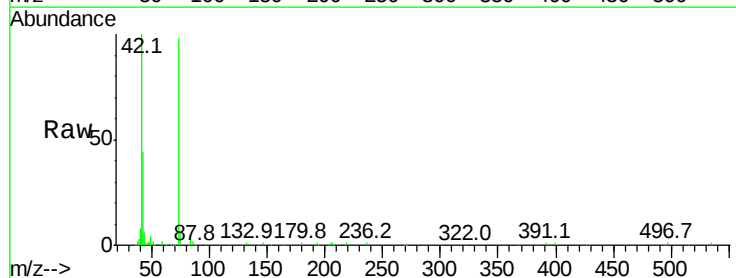
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion: 42 Resp: 97976

Ion	Ratio	Lower	Upper
42	100		
74	98.2	76.7	115.1
44	6.4	6.1	9.1

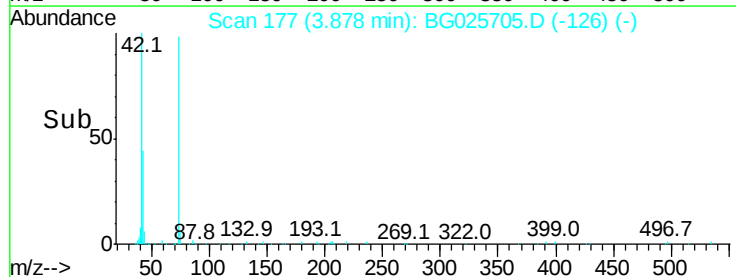
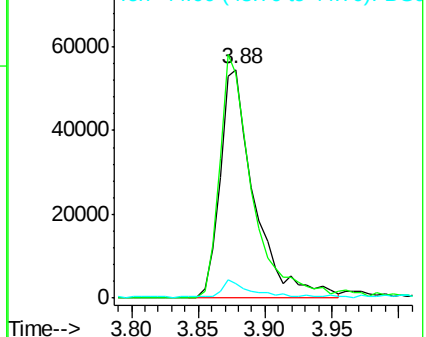


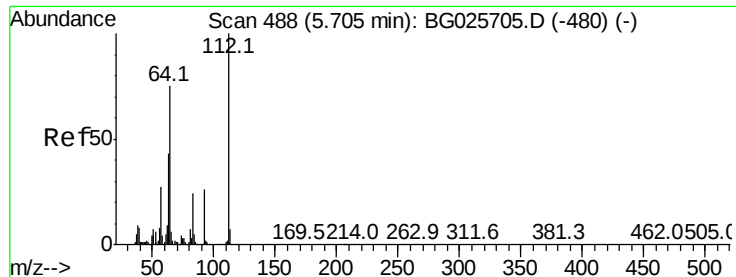
Abundance

Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 81.69 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

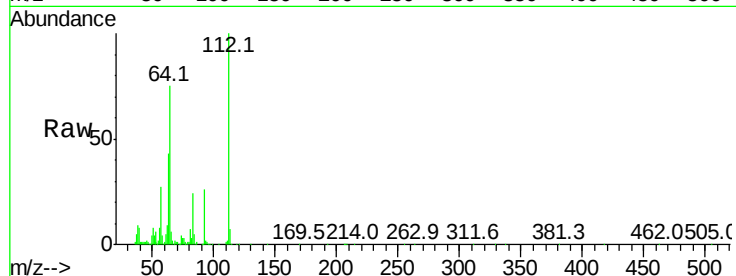
Tot Ion:112 Resp: 275966

Ion Ratio Lower Upper

112 100

64 75.1 61.8 92.6

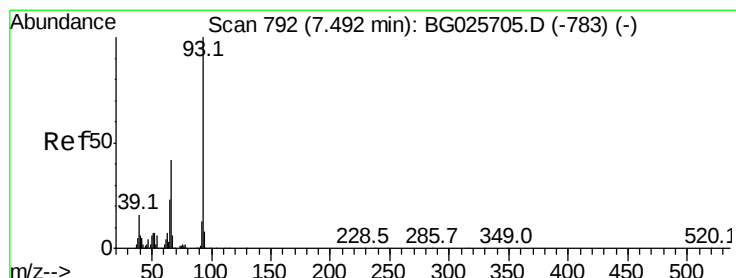
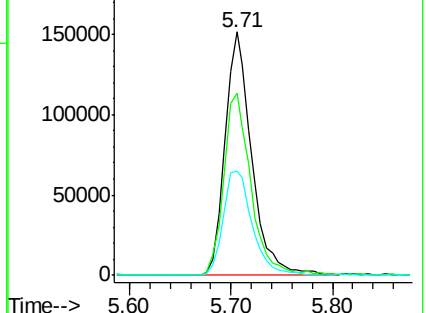
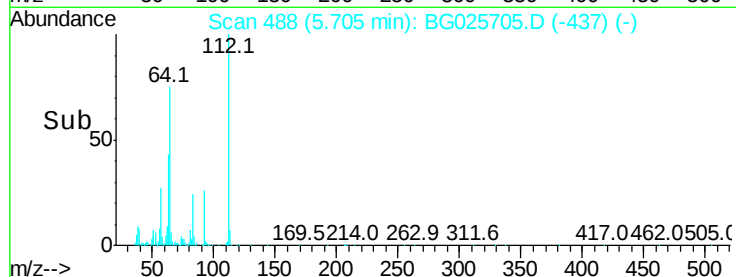
63 42.6 37.2 55.8



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: 44.17 ng

RT: 7.49 min Scan# 792

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

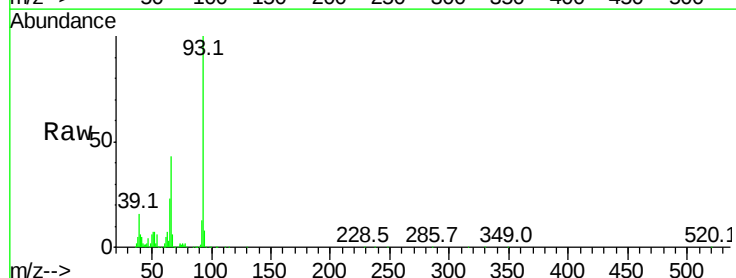
Tgt Ion: 93 Resp: 284736

Ion Ratio Lower Upper

93 100

66 42.6 35.4 53.2

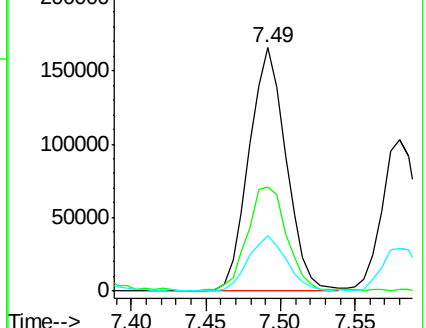
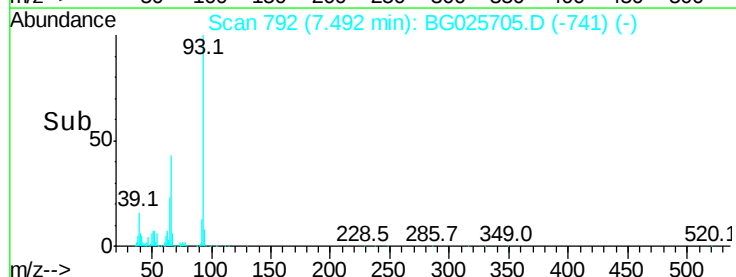
65 22.9 21.2 31.8

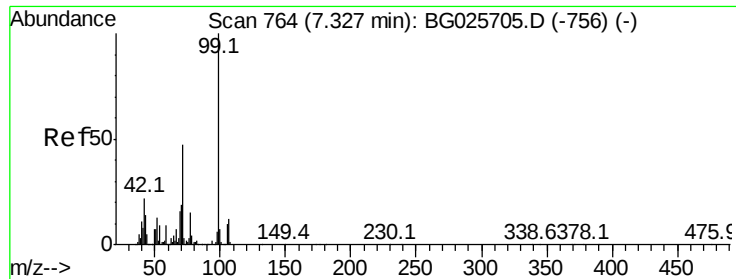


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.80 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

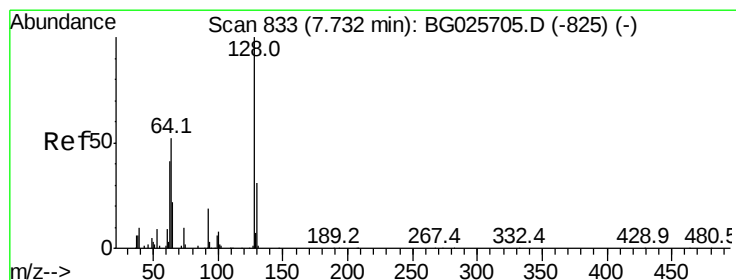
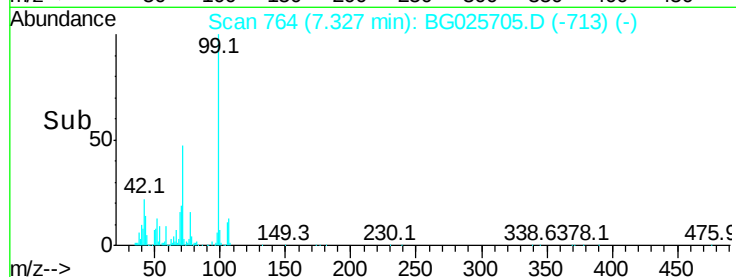
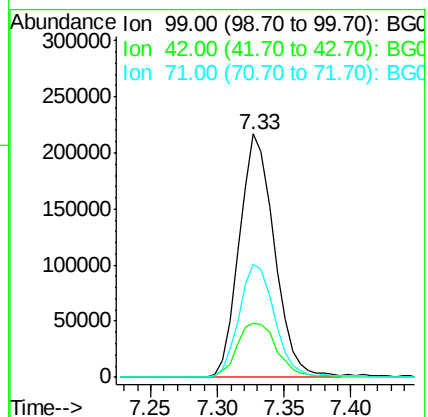
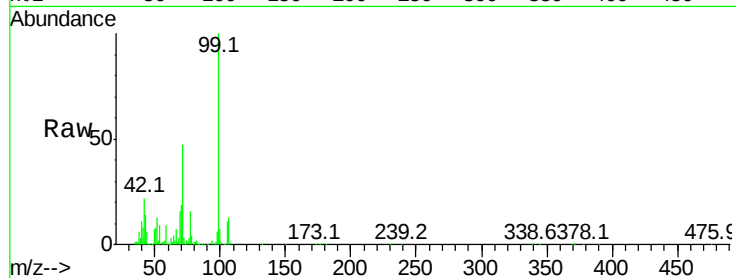
Tot Ion: 99 Resp: 393969

Ion Ratio Lower Upper

99 100

42 22.1 20.5 30.7

71 46.6 37.6 56.4



#8

2-Chlorophenol

Concen: 40.52 ng

RT: 7.73 min Scan# 833

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

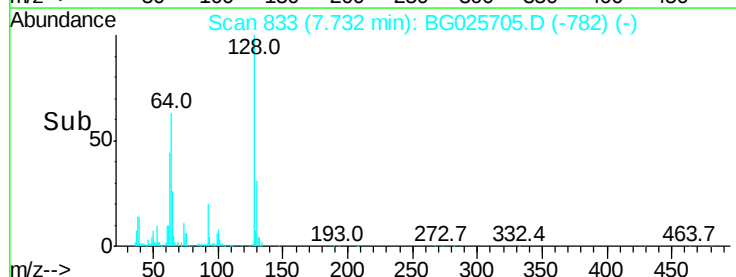
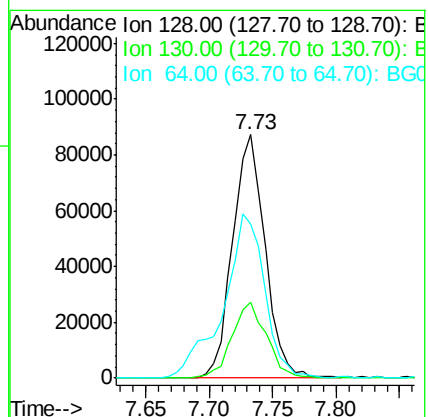
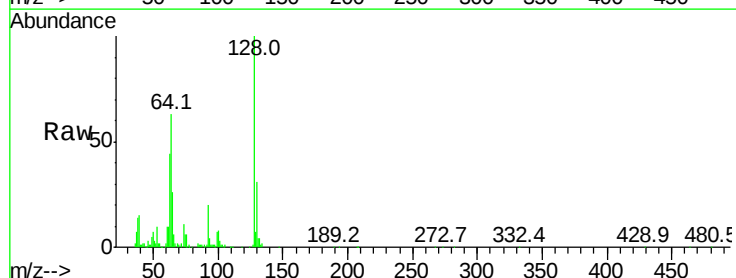
Tgt Ion: 128 Resp: 154439

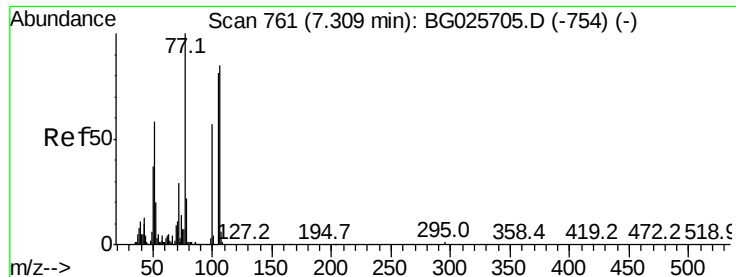
Ion Ratio Lower Upper

128 100

130 31.0 11.4 51.4

64 63.0 46.6 86.6





#9

Benzaldehyde

Concen: 47.86 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampled :

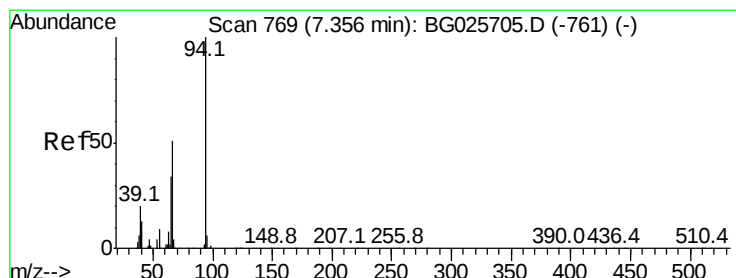
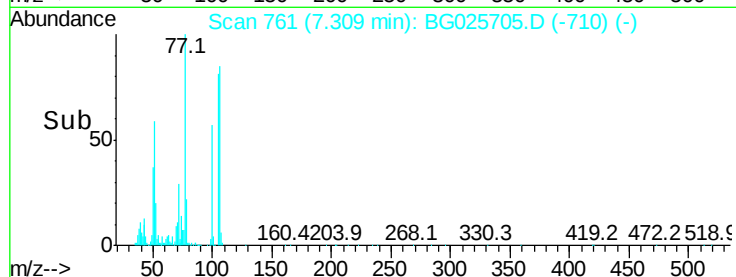
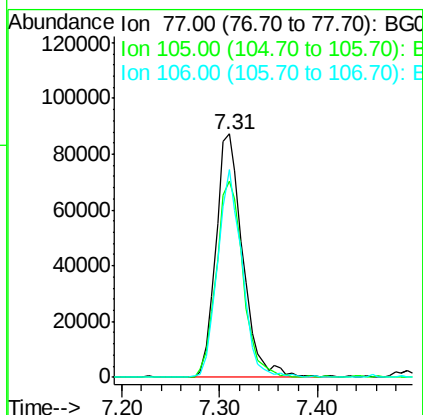
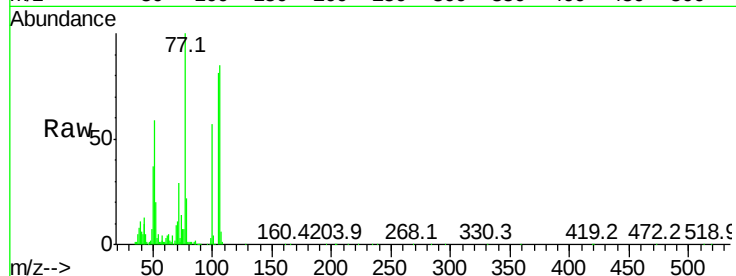
Tot Ion: 77 Resp: 166605

Ion Ratio Lower Upper

77 100

105 80.6 60.9 100.9

106 85.3 55.1 95.1



#10

Phenol

Concen: 42.51 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

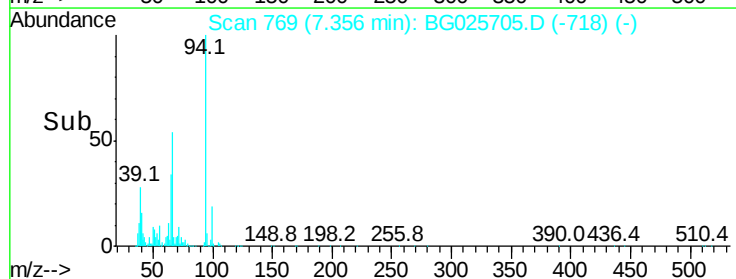
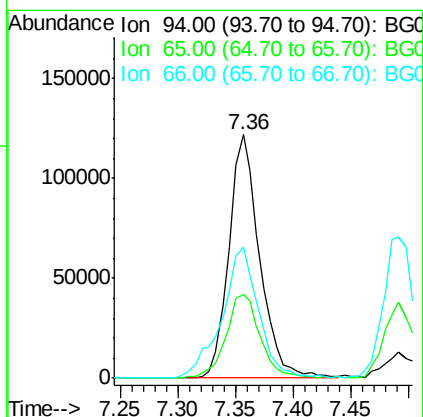
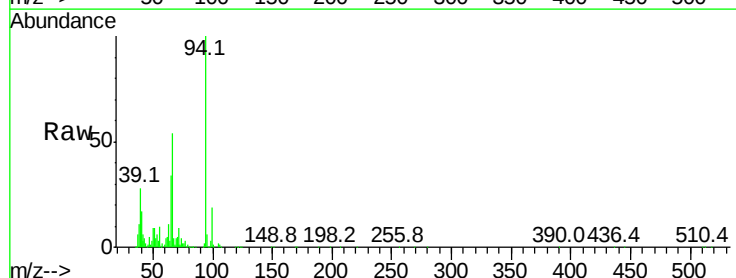
Tgt Ion: 94 Resp: 224206

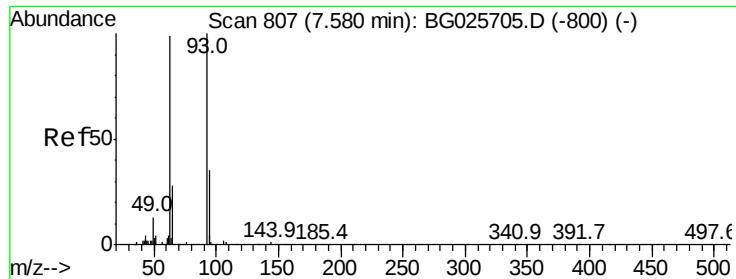
Ion Ratio Lower Upper

94 100

65 34.1 20.6 60.6

66 53.9 35.5 75.5

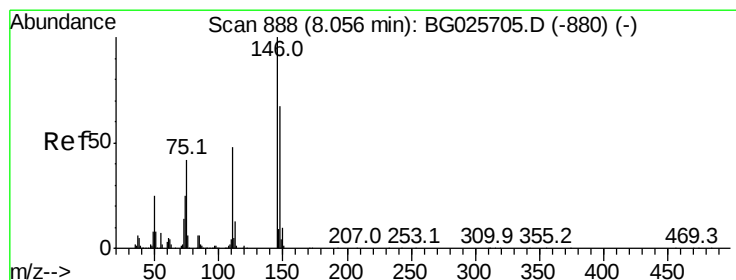
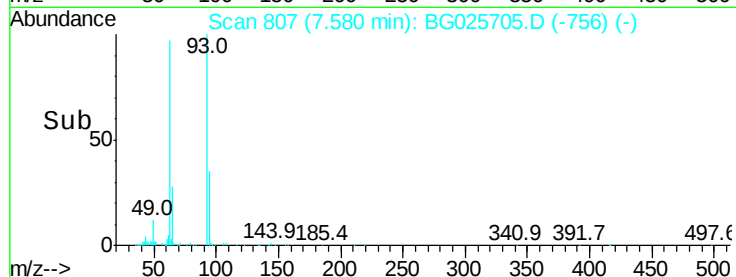
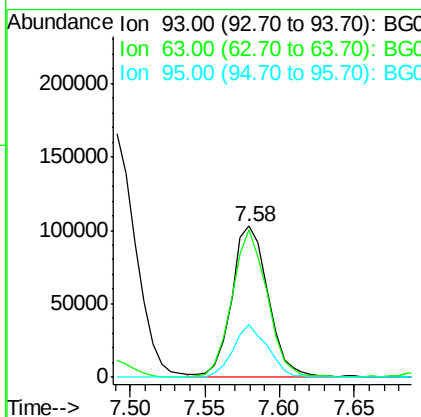
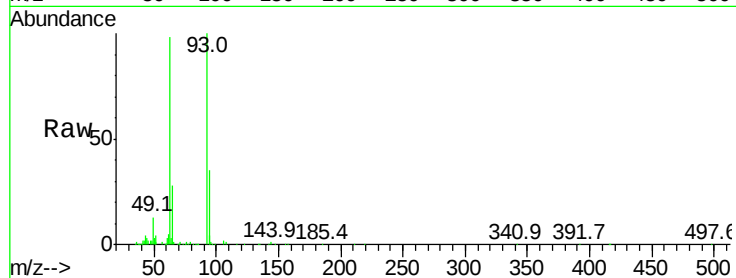




#11
bis(2-Chloroethyl)ether
Concen: 42.81 ng
RT: 7.58 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

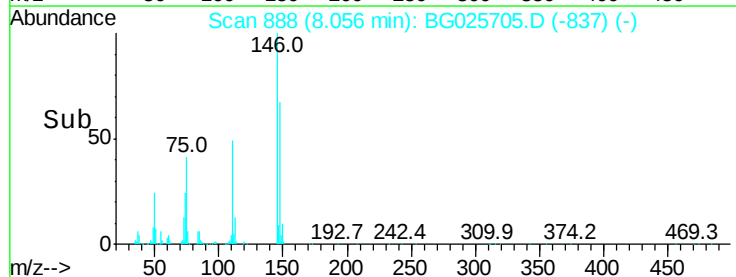
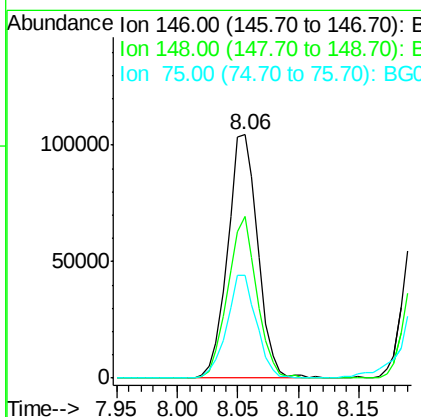
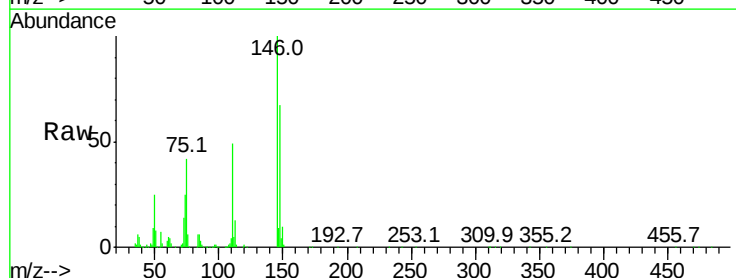
Instrument :
BNA_G
ClientSampleId :

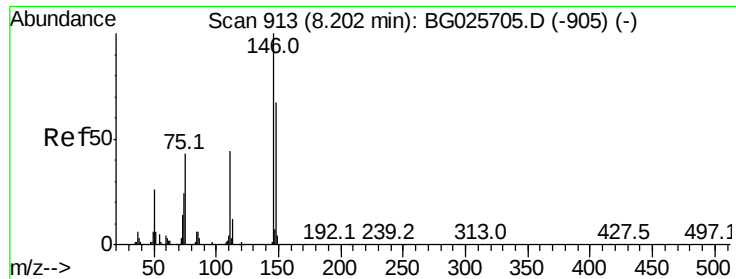
Tot Ion	93	Resp	173983
Ion Ratio	Lower	Upper	
93	100		
63	97.7	78.5	118.5
95	34.8	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 39.31 ng
RT: 8.06 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion	146	Resp	181271
Ion Ratio	Lower	Upper	
146	100		
148	66.6	49.2	73.8
75	42.4	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 39.21 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampled :

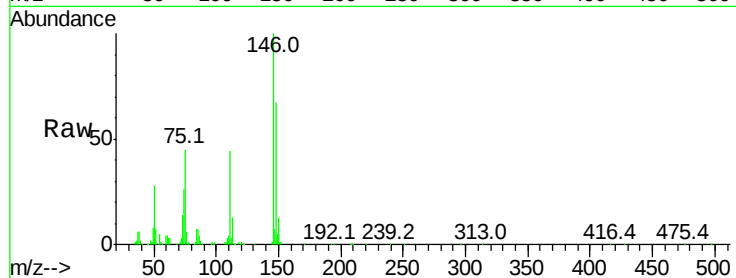
Tot Ion:146 Resp: 187393

Ion Ratio Lower Upper

146 100

148 67.2 52.2 78.2

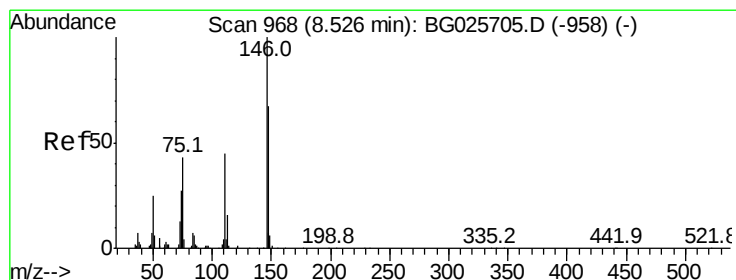
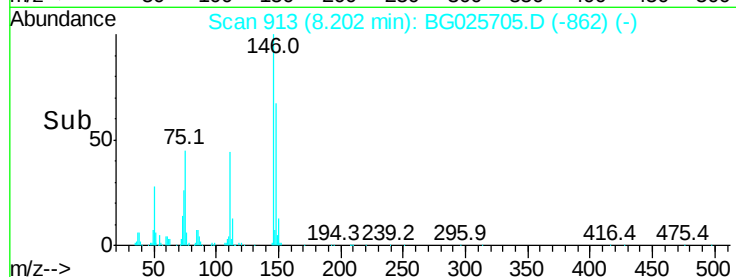
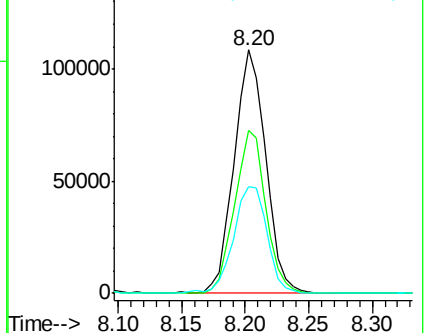
111 44.0 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.70 ng

RT: 8.53 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

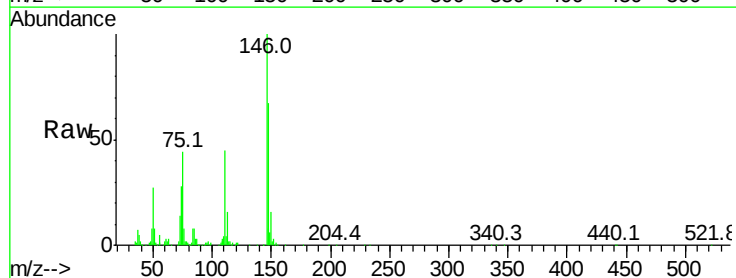
Tgt Ion:146 Resp: 185653

Ion Ratio Lower Upper

146 100

148 66.8 54.6 81.8

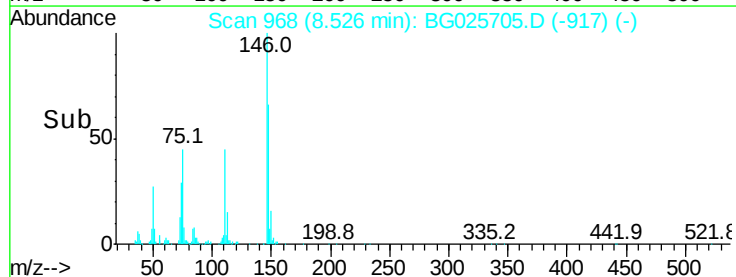
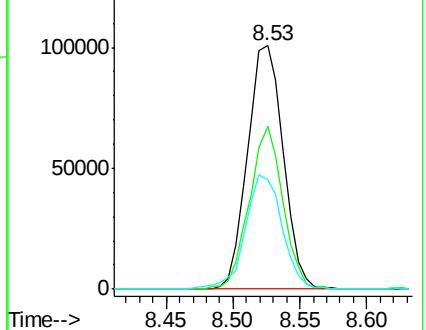
111 44.8 39.7 59.5

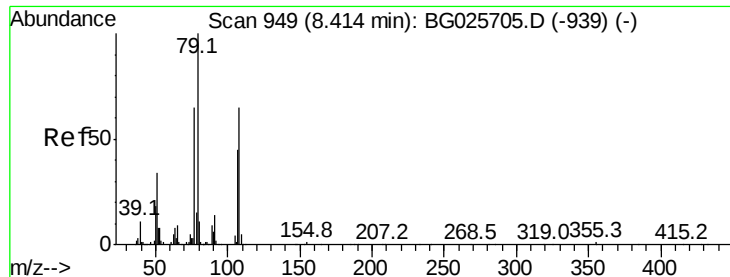


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.64 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

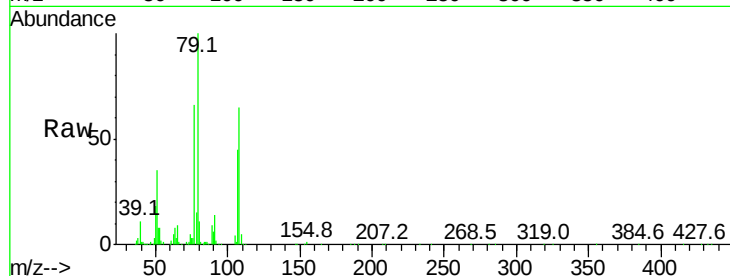
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 175505

Ion	Ratio	Lower	Upper
79	100		
108	64.6	45.5	68.3
77	65.7	54.3	81.5



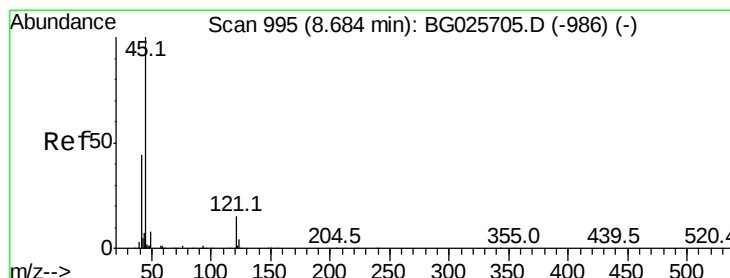
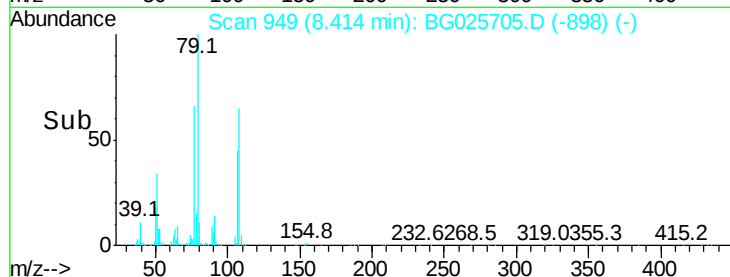
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



Time--> 8.30 8.35 8.40 8.45 8.50



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.89 ng

RT: 8.68 min Scan# 995

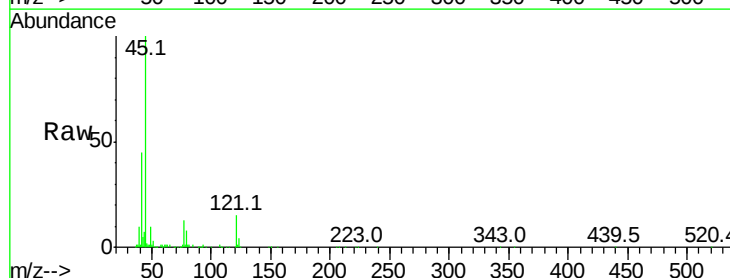
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion: 45 Resp: 345419

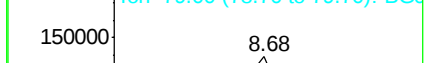
Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	30.6
79	7.7	0.0	28.5



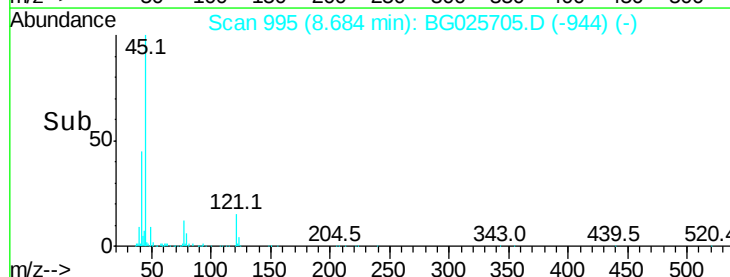
Abundance Ion 45.00 (44.70 to 45.70): BGC

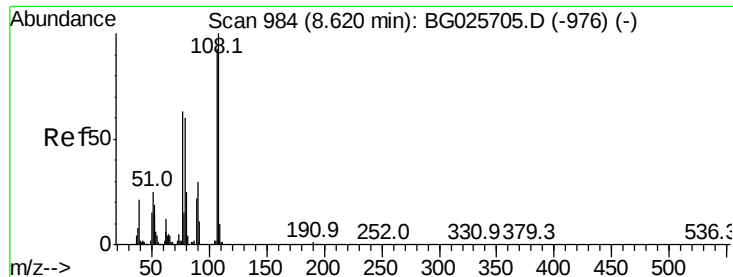
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time--> 8.60 8.65 8.70 8.75





#17

2-Methylphenol

Concen: 42.01 ng

RT: 8.62 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 145513

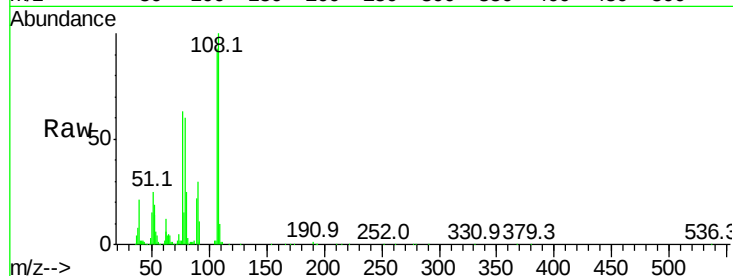
Ion Ratio Lower Upper

107 100

108 107.6 85.6 128.4

77 68.0 51.4 77.2

79 64.9 49.2 73.8

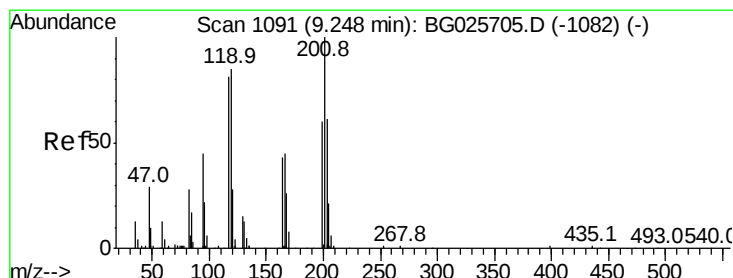
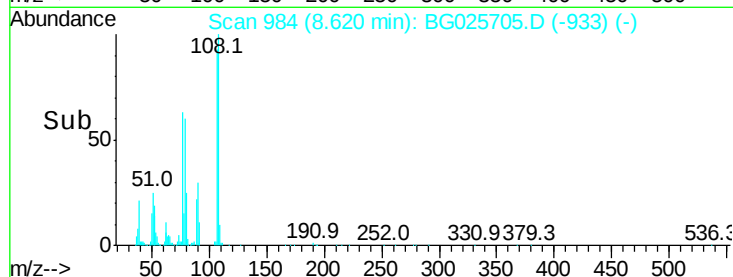
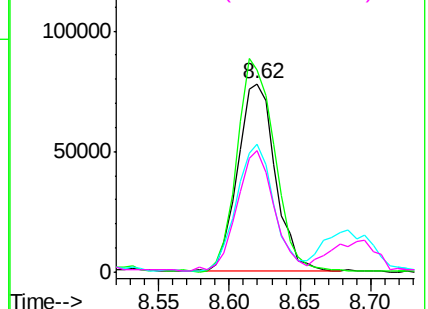


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.23 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

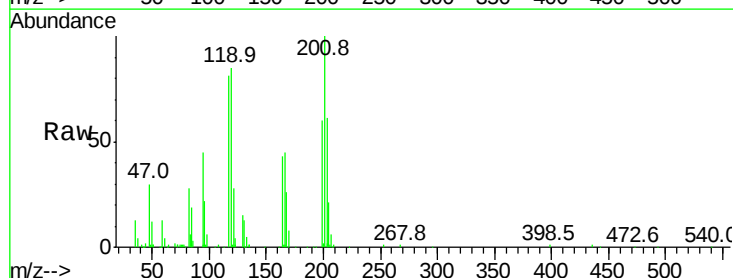
Tgt Ion:117 Resp: 75677

Ion Ratio Lower Upper

117 100

119 104.2 69.8 104.6

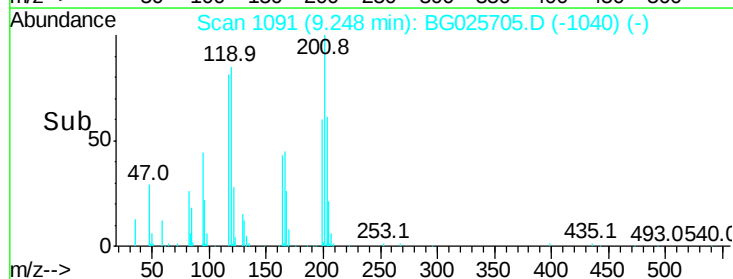
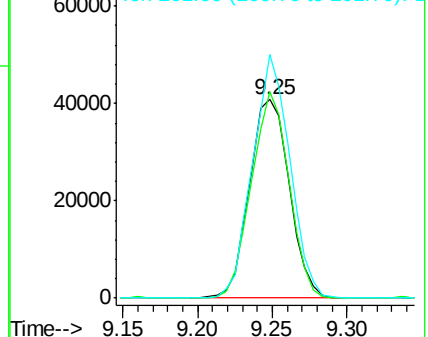
201 122.7 95.4 143.0

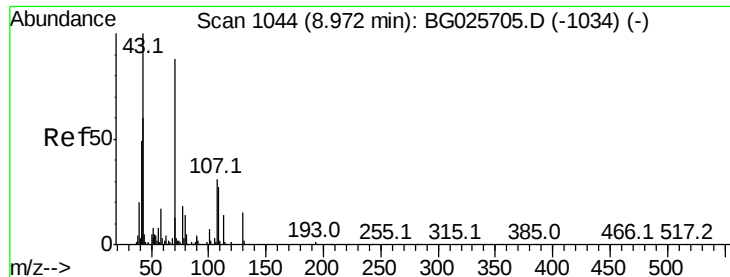


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.96 ng

RT: 8.97 min Scan# 1044

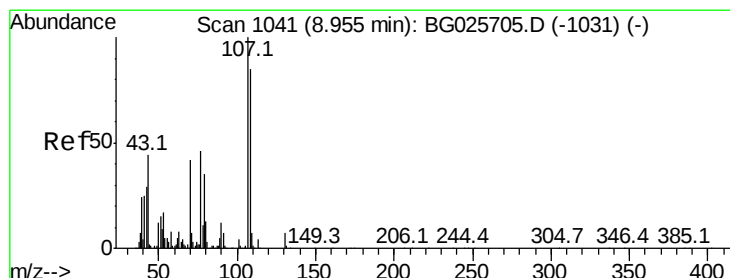
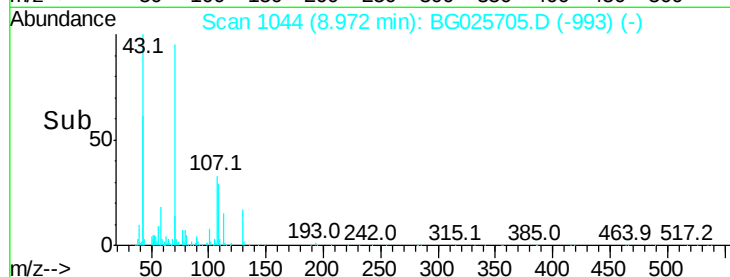
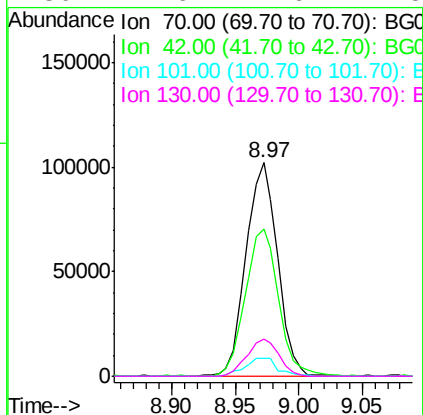
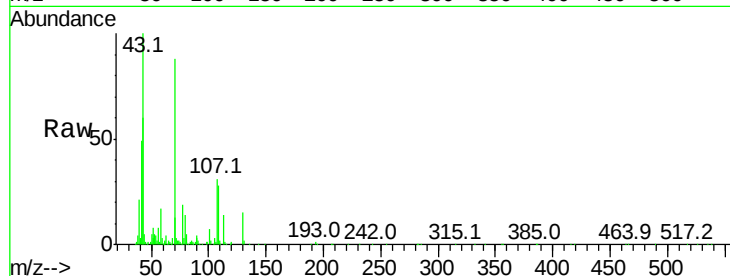
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	176674
Ion	Ratio	Lower	Upper
70	100		
42	68.7	56.1	84.1
101	8.1	7.5	11.3
130	17.6	14.6	21.8



#20

3+4-Methylphenols

Concen: 44.11 ng

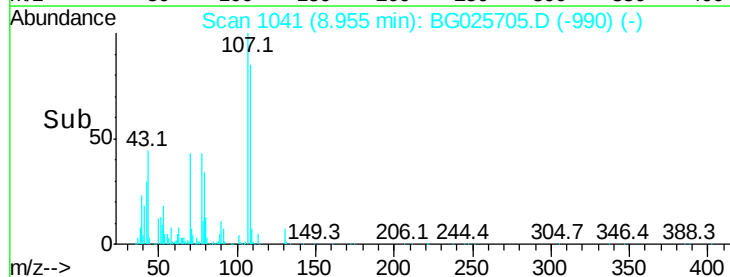
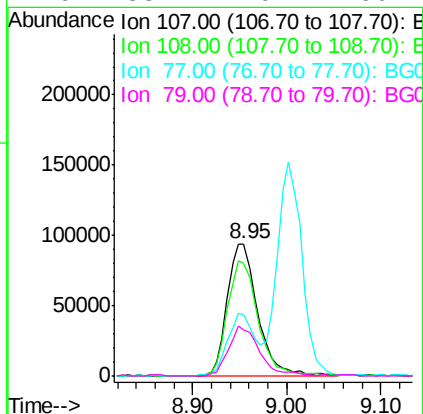
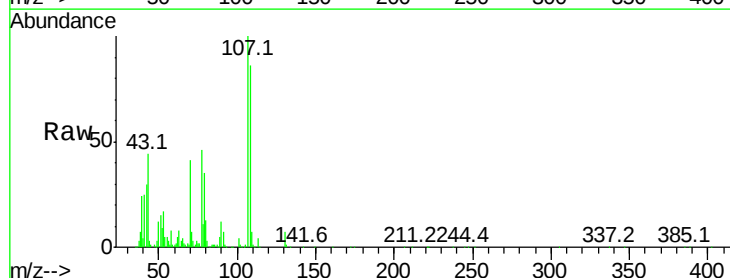
RT: 8.95 min Scan# 1041

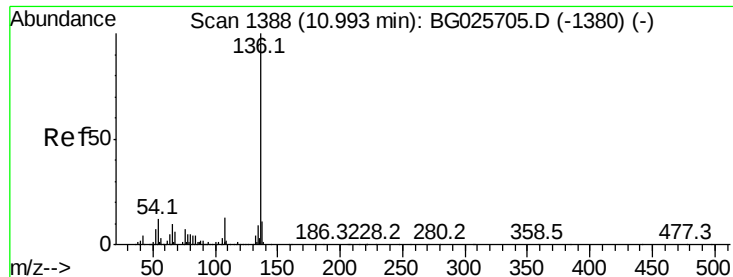
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:	107	Resp:	211463
Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.8	110.8
77	46.1	25.8	65.8
79	35.2	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 249434

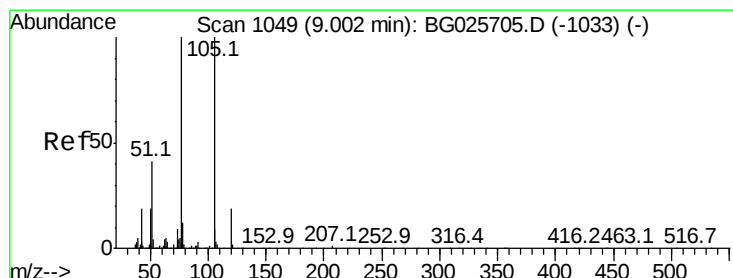
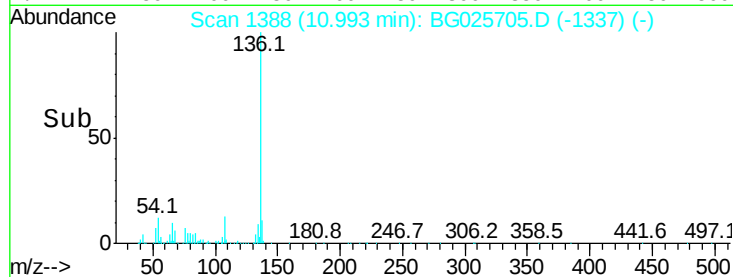
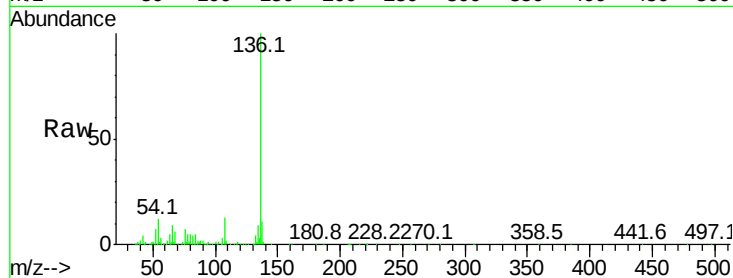
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	12.0	9.3	13.9
68	5.7	5.1	7.7

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.92 ng

RT: 9.00 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:105 Resp: 283583

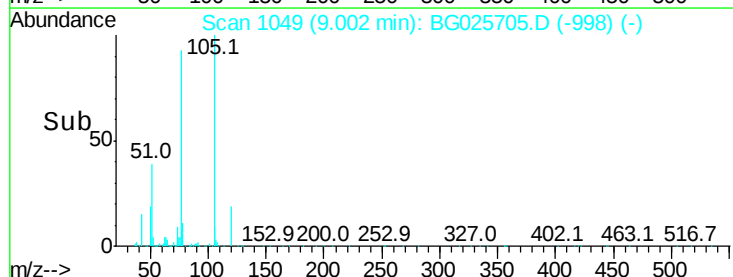
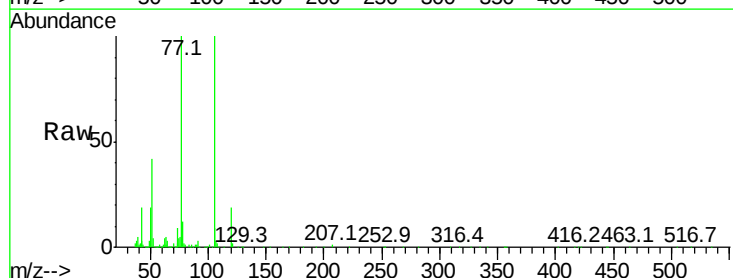
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	41.9	34.0	51.0
120	19.4	17.3	25.9

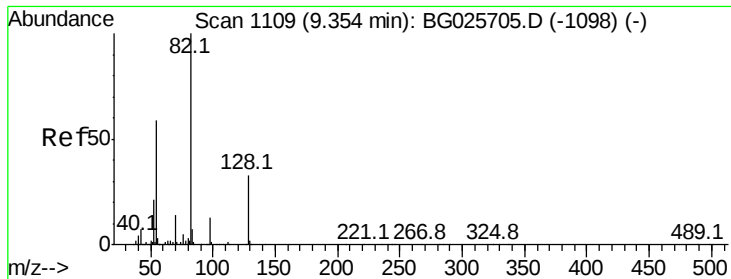
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.97 ng

RT: 9.35 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

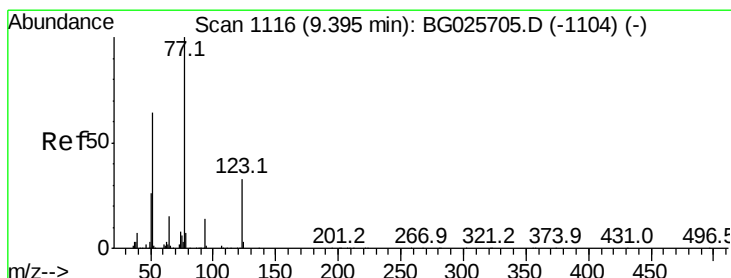
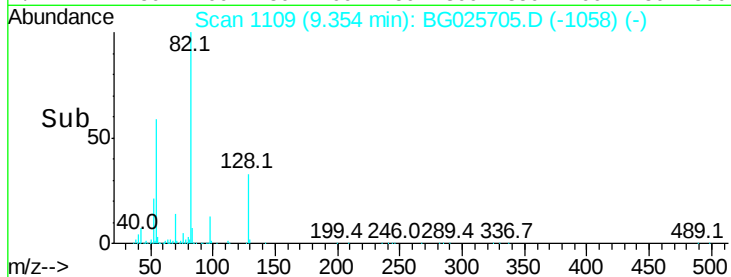
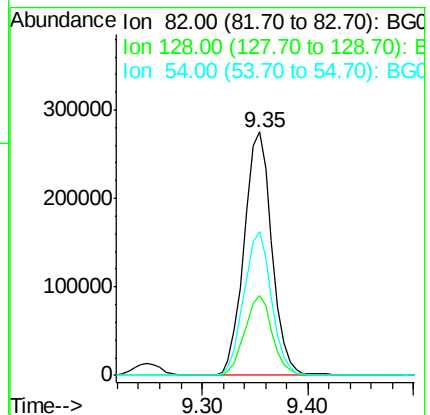
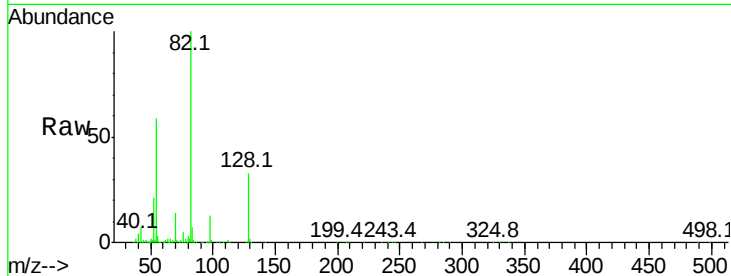
Tot Ion: 82 Resp: 502321

Ion Ratio Lower Upper

82 100

128 32.9 26.4 39.6

54 59.2 49.4 74.2



#24

Nitrobenzene

Concen: 43.00 ng

RT: 9.40 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

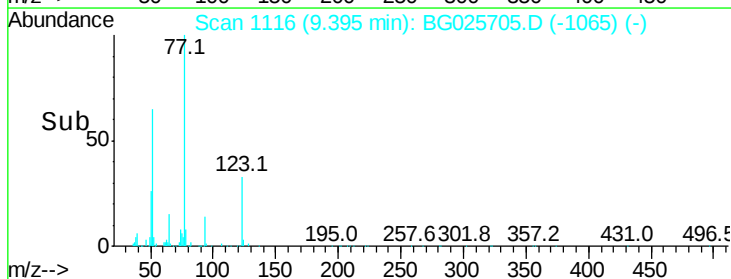
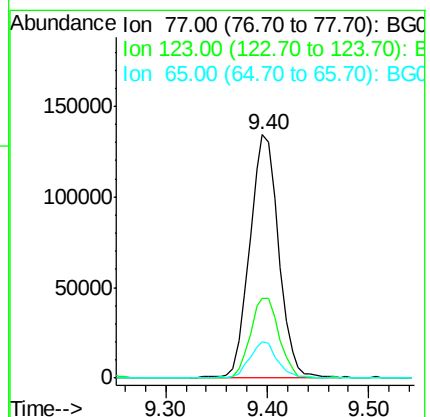
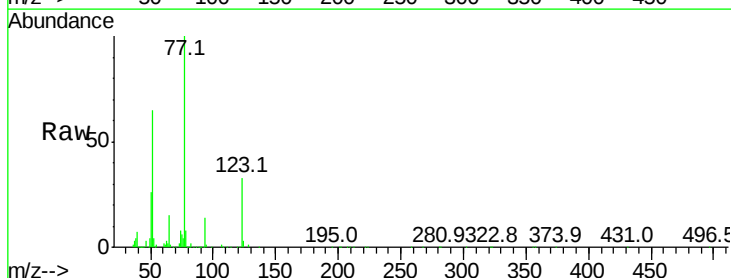
Tgt Ion: 77 Resp: 266299

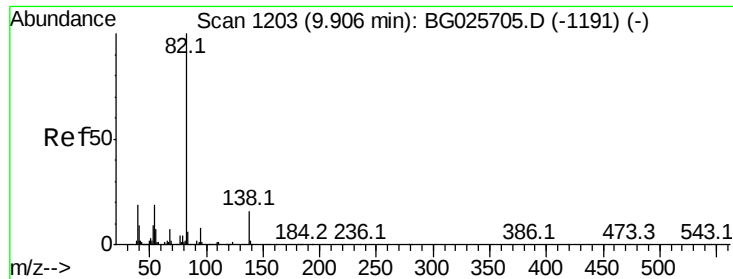
Ion Ratio Lower Upper

77 100

123 32.9 26.1 39.1

65 14.7 12.4 18.6





#25

Isophorone

Concen: 45.62 ng

RT: 9.91 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

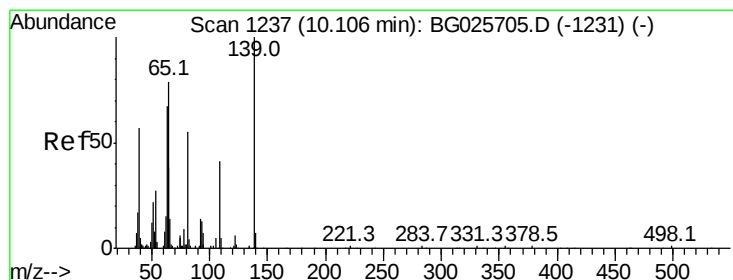
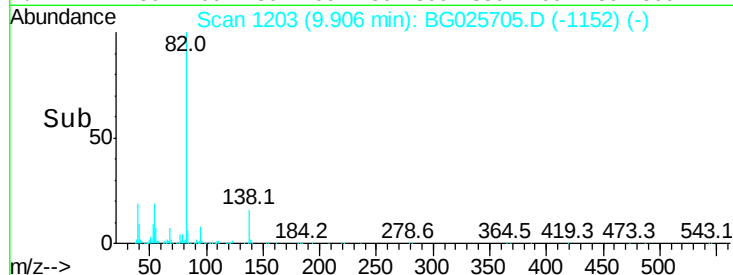
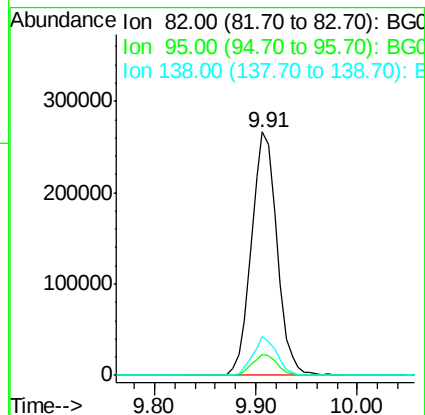
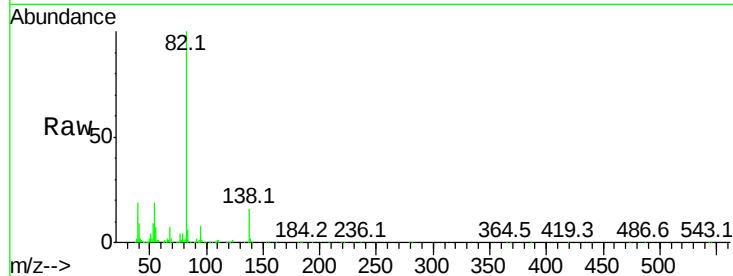
Tot Ion: 82 Resp: 466358

Ion Ratio Lower Upper

82 100

95 8.4 7.5 11.3

138 16.1 12.3 18.5



#26

2-Nitrophenol

Concen: 40.57 ng

RT: 10.11 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

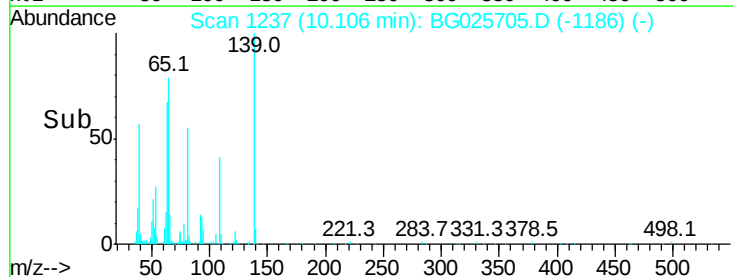
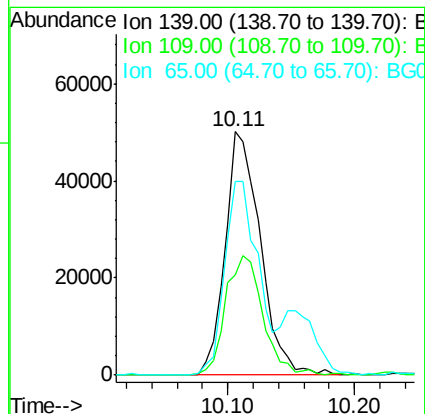
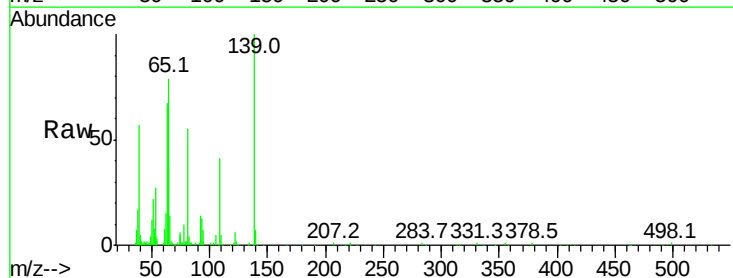
Tgt Ion: 139 Resp: 96092

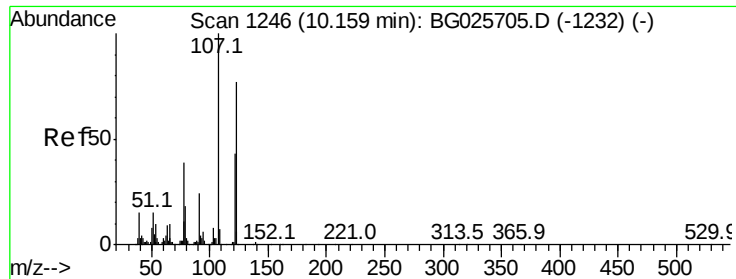
Ion Ratio Lower Upper

139 100

109 41.2 38.6 58.0

65 79.4 57.1 85.7





#27

2,4-Dimethylphenol

Concen: 44.88 ng

RT: 10.16 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

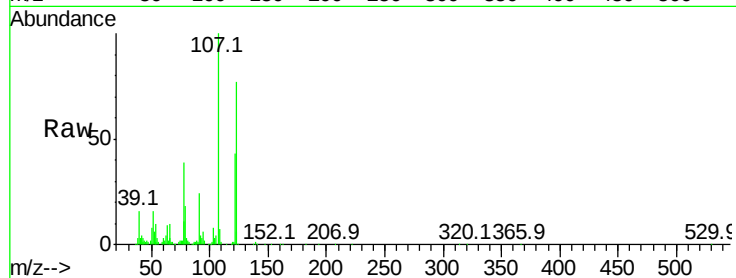
Tot Ion:122 Resp: 174757

Ion	Ratio	Lower	Upper
122	100		
107	129.4	104.2	156.4
121	55.2	46.0	69.0

122 100

107 129.4 104.2 156.4

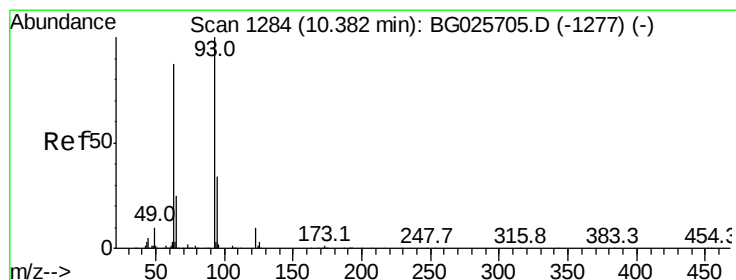
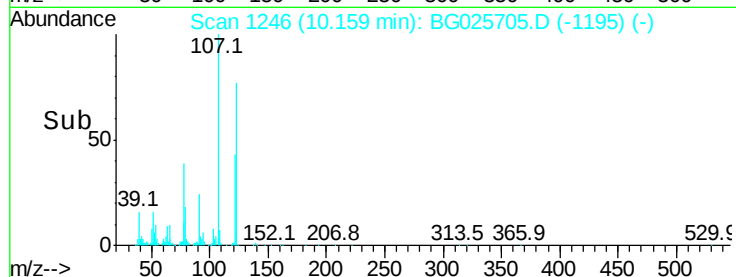
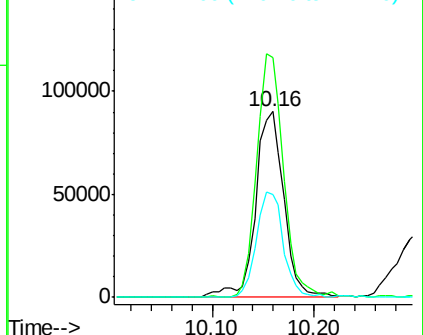
121 55.2 46.0 69.0



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: 47.42 ng

RT: 10.38 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

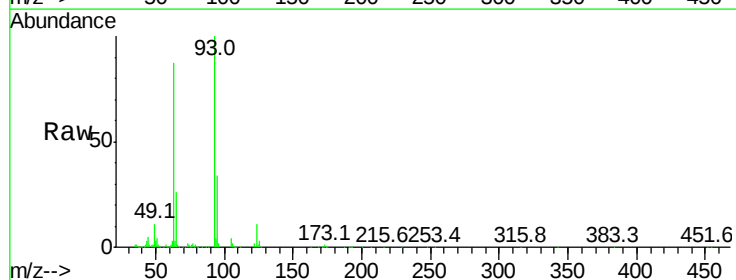
Tgt Ion: 93 Resp: 251736

Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.7	38.5
123	11.0	8.3	12.5

93 100

95 33.7 25.7 38.5

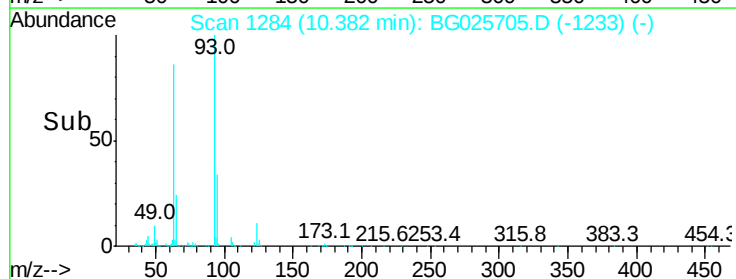
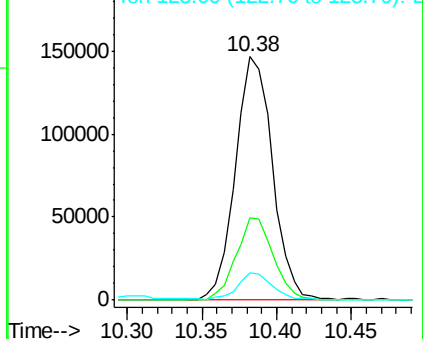
123 11.0 8.3 12.5

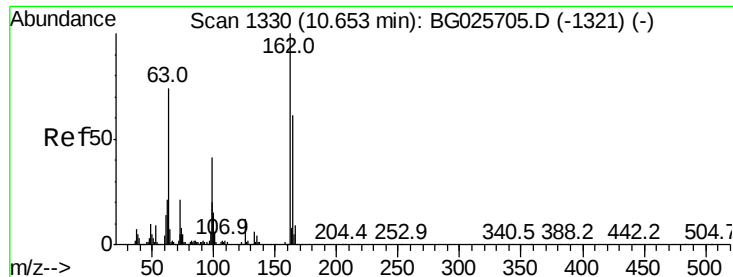


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.44 ng

RT: 10.65 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampled :

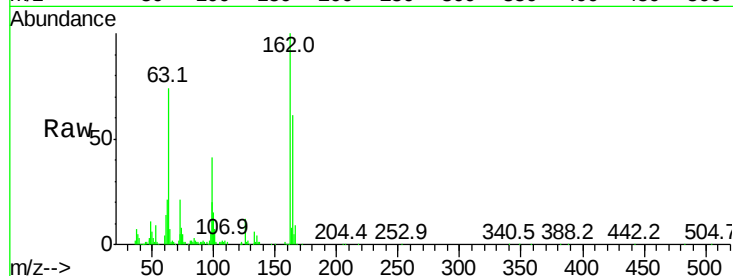
Tot Ion:162 Resp: 176837

Ion Ratio Lower Upper

162 100

164 60.9 42.4 82.4

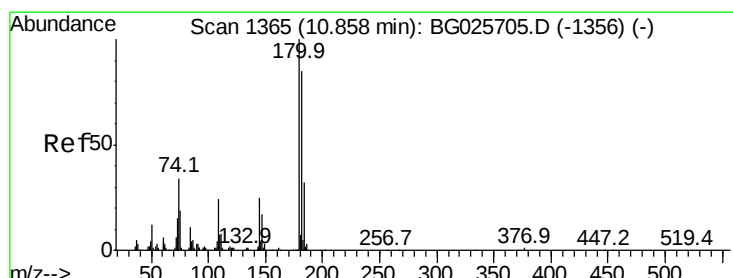
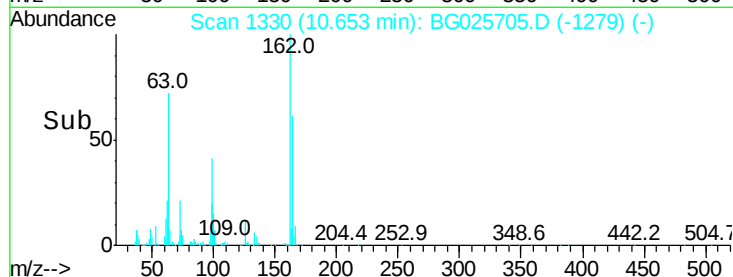
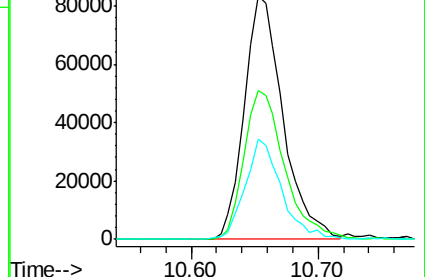
98 40.9 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.92 ng

RT: 10.86 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

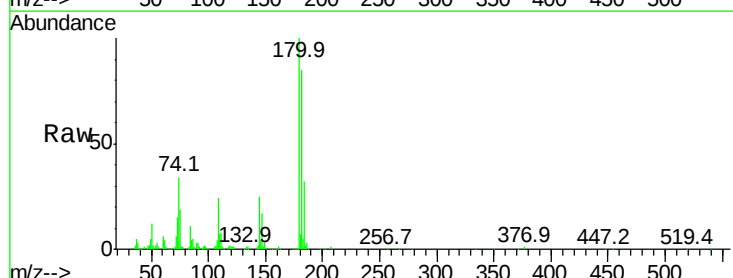
Tgt Ion:180 Resp: 195907

Ion Ratio Lower Upper

180 100

182 85.2 77.0 115.4

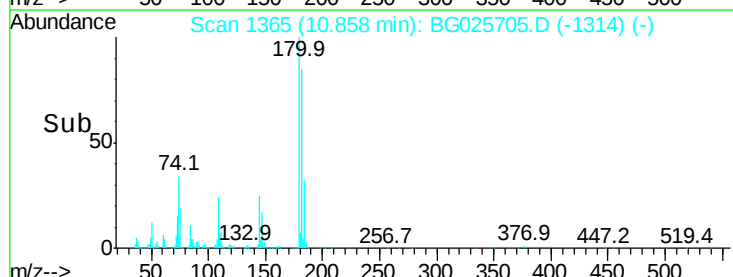
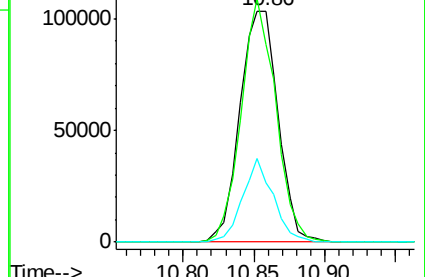
145 25.4 23.4 35.0

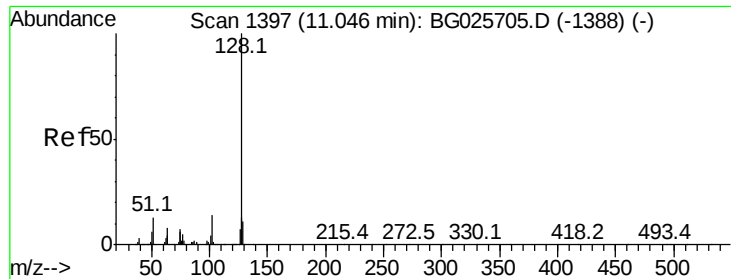


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

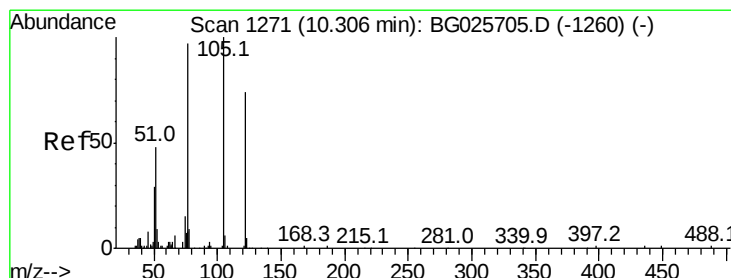
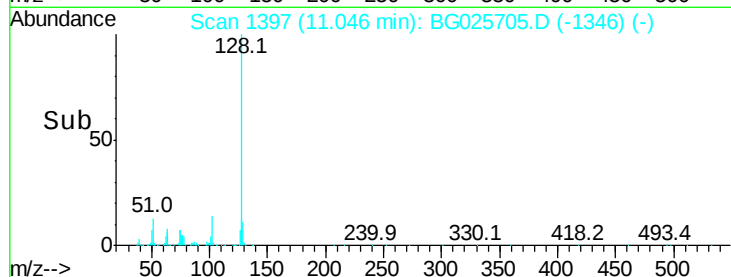
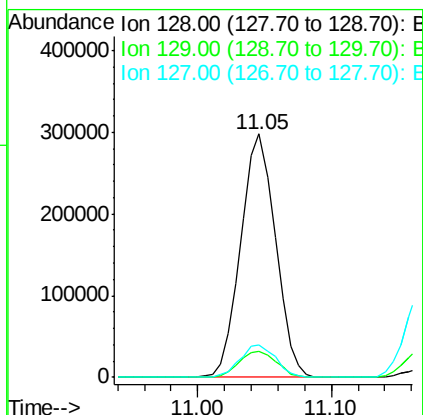
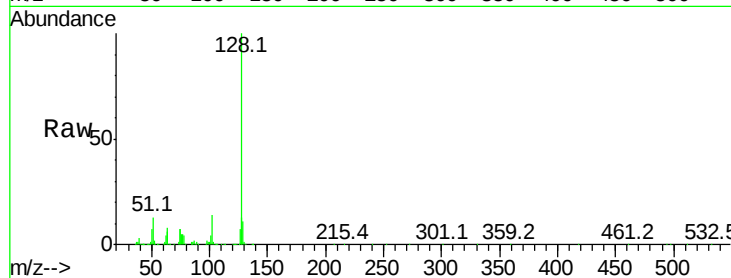




#31
Naphthalene
Concen: 43.20 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

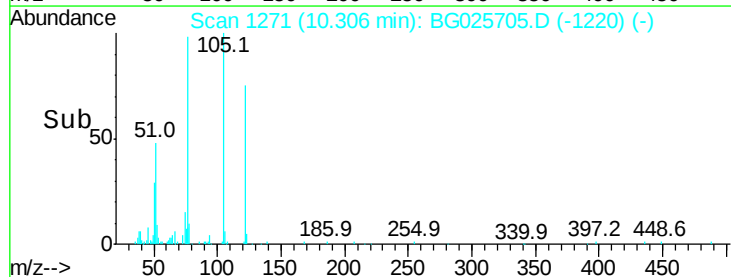
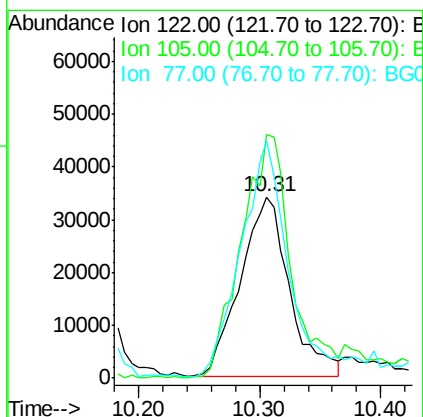
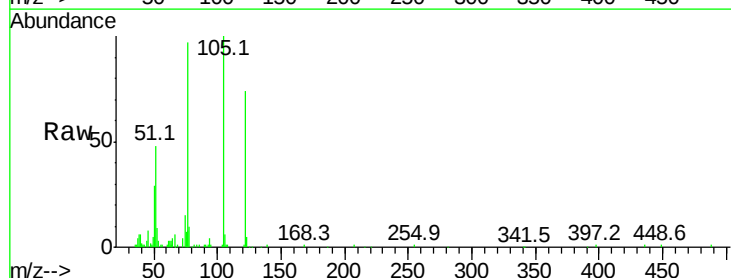
Instrument :
BNA_G
ClientSampleId :

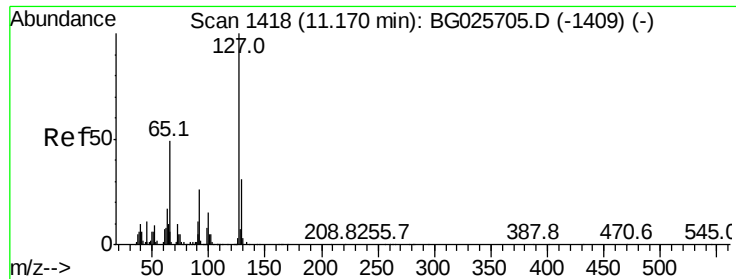
Tot Ion:128 Resp: 538142
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 13.3 11.4 17.0



#32
Benzoic acid
Concen: 30.54 ng
RT: 10.31 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion:122 Resp: 95639
Ion Ratio Lower Upper
122 100
105 134.2 120.1 160.1
77 130.7 104.6 144.6

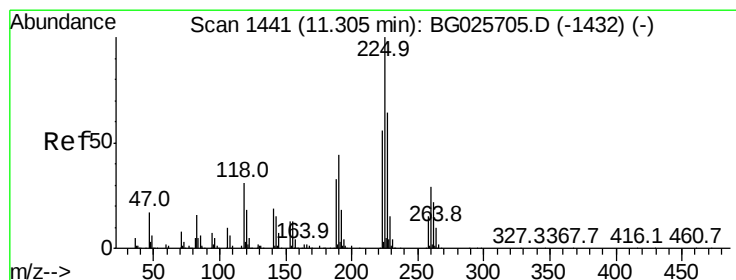
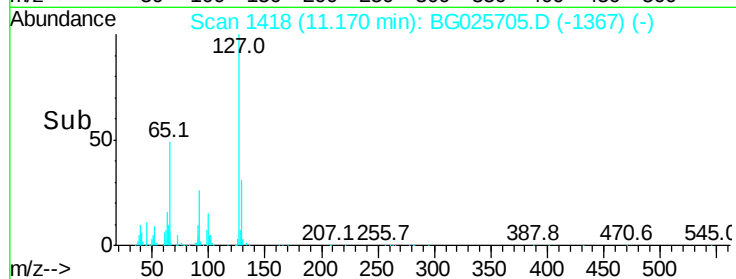
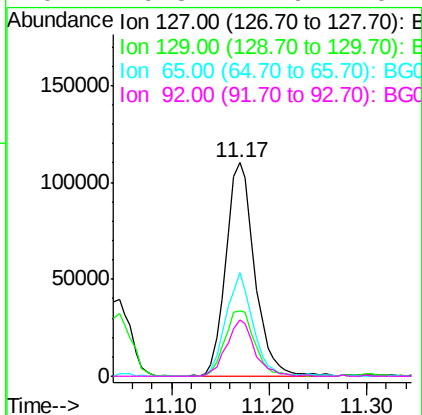
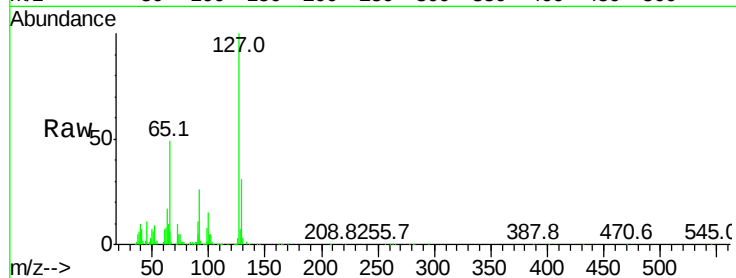




#33
4-Chloroaniline
Concen: 43.11 ng
RT: 11.17 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

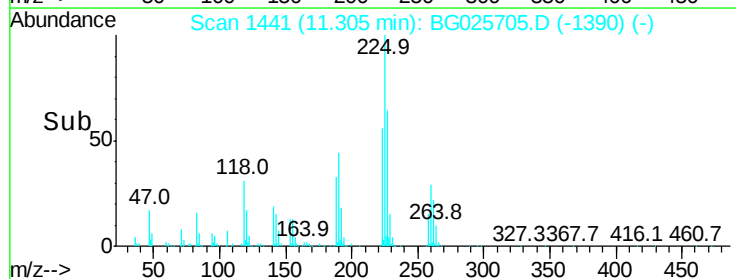
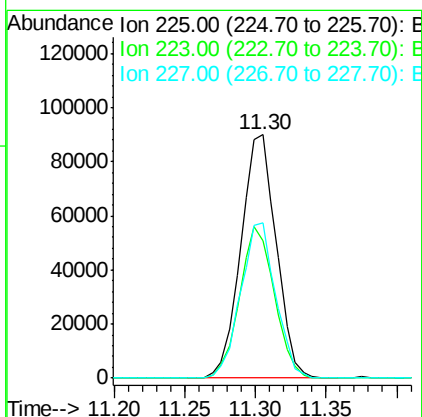
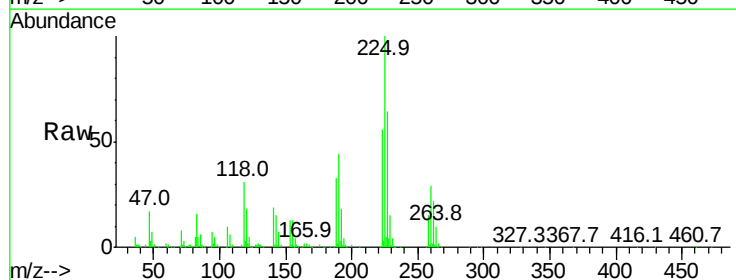
Instrument :
BNA_G
ClientSampleId :

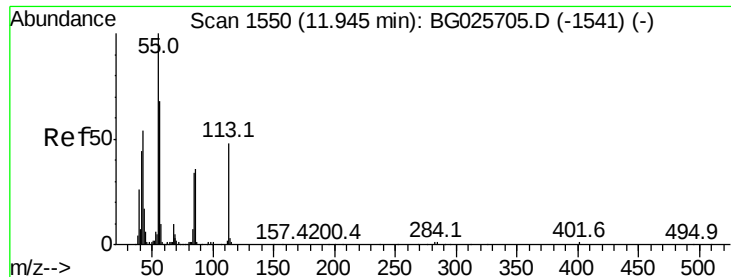
Tot Ion:	127	Resp:	225845
Ion	Ratio	Lower	Upper
127	100		
129	30.8	23.6	35.4
65	48.7	37.7	56.5
92	26.3	17.6	26.4



#34
Hexachlorobutadiene
Concen: 38.39 ng
RT: 11.30 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion:	225	Resp:	157748
Ion	Ratio	Lower	Upper
225	100		
223	56.2	50.7	76.1
227	63.7	49.0	73.6





#35

Caprolactam

Concen: 45.39 ng

RT: 11.95 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

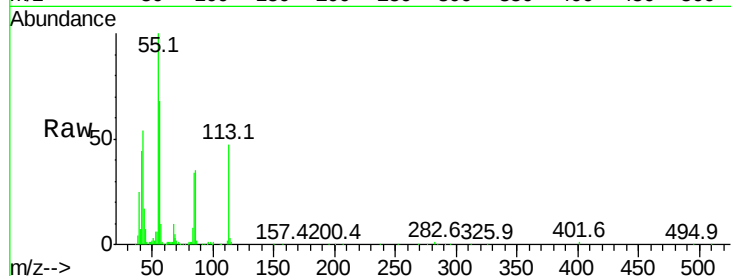
Tot Ion:113 Resp: 71063

Ion Ratio Lower Upper

113 100

55 211.2 198.6 238.6

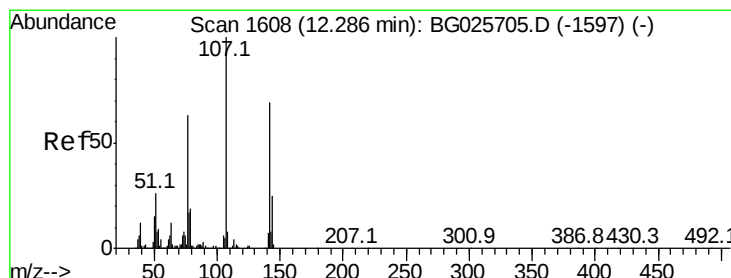
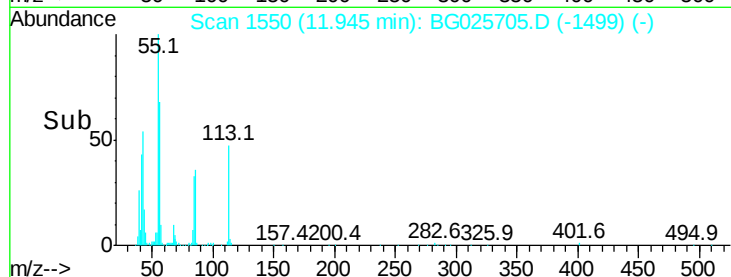
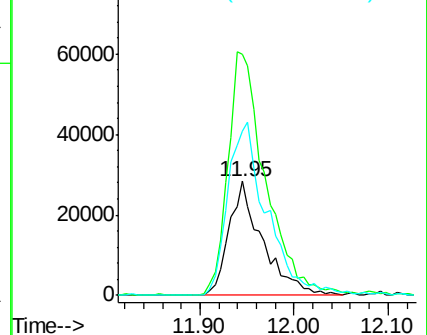
56 143.8 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.45 ng

RT: 12.29 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

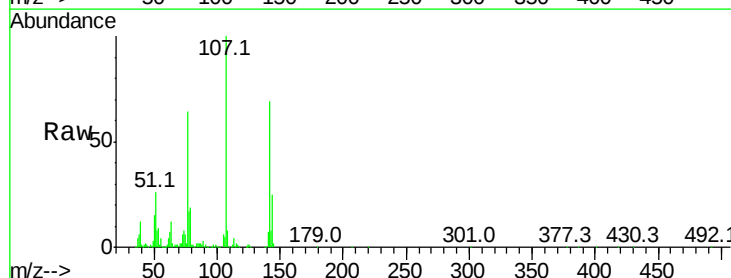
Tgt Ion:107 Resp: 213176

Ion Ratio Lower Upper

107 100

144 25.0 17.4 26.0

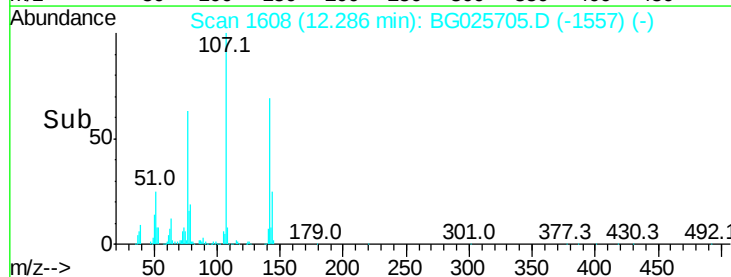
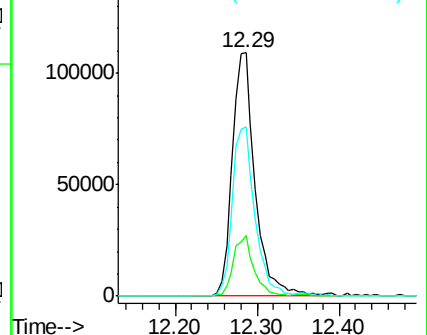
142 69.4 54.1 81.1

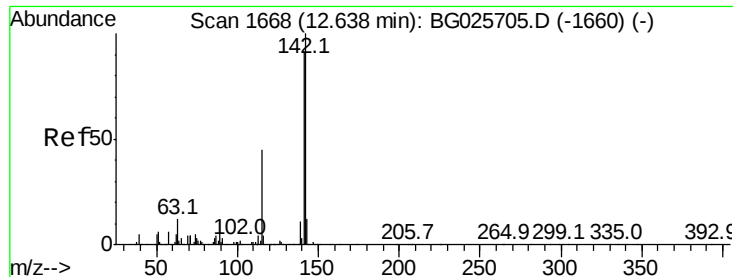


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

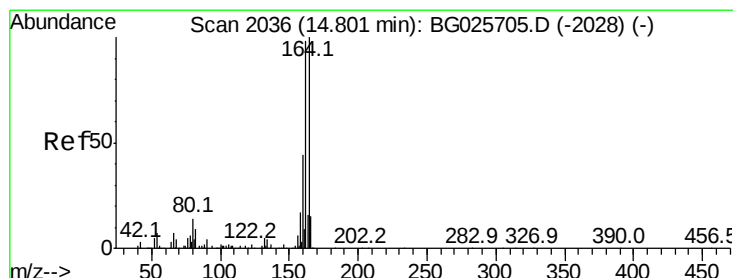
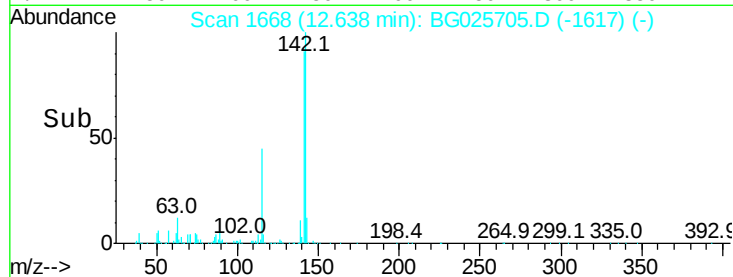
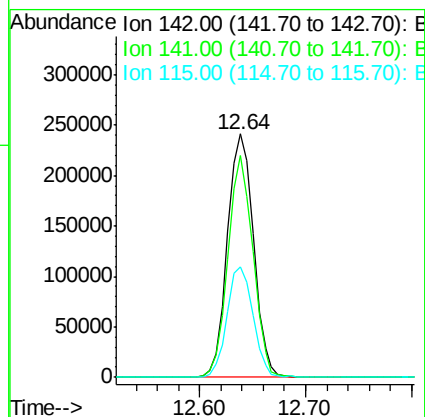
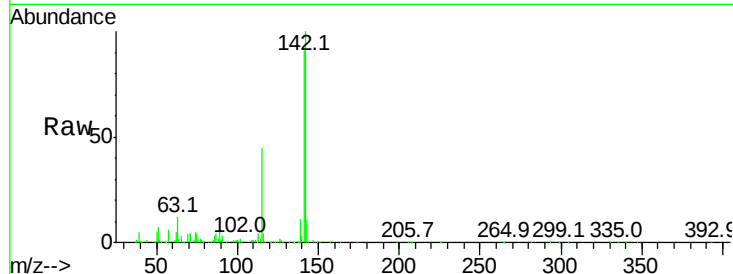




#37
2-Methylnaphthalene
Concen: 44.74 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

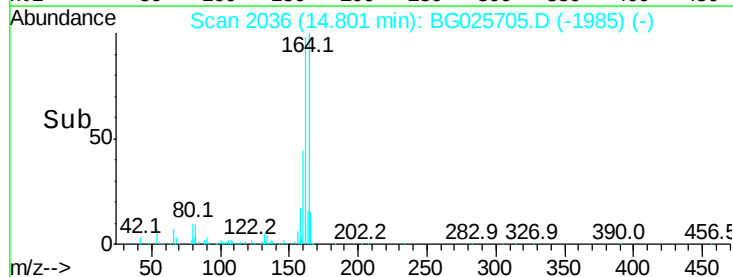
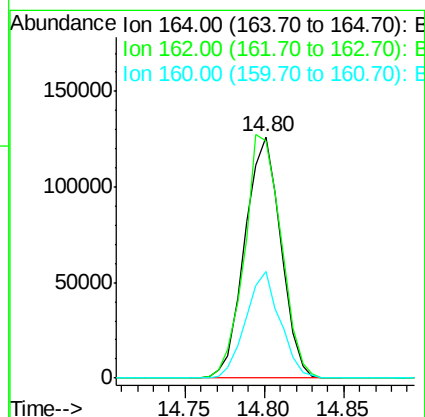
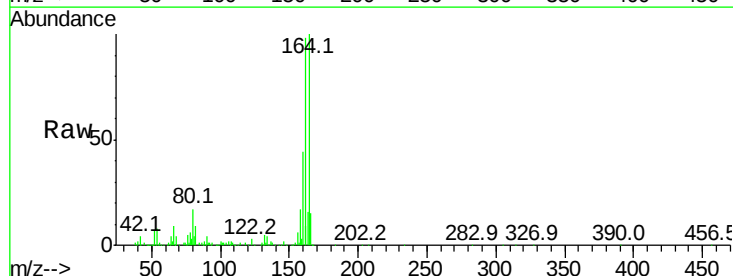
Instrument :
BNA_G
ClientSampleId :

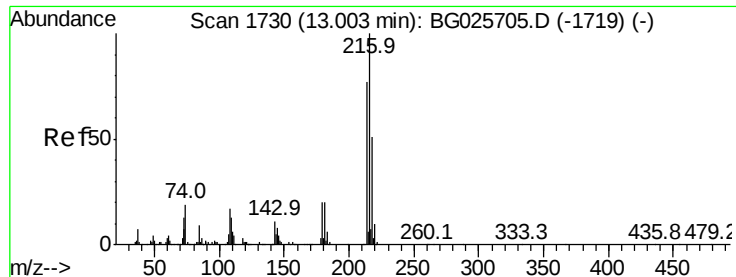
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.4	105.6
115	45.3	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	85.1	127.7
160	44.4	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.79 ng

RT: 13.00 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 274615

Ion	Ratio	Lower	Upper
216	100		
214	76.4	64.4	96.6
179	20.1	17.4	26.0
108	17.9	15.6	23.4

216 100

214 76.4 64.4 96.6

179 20.1 17.4 26.0

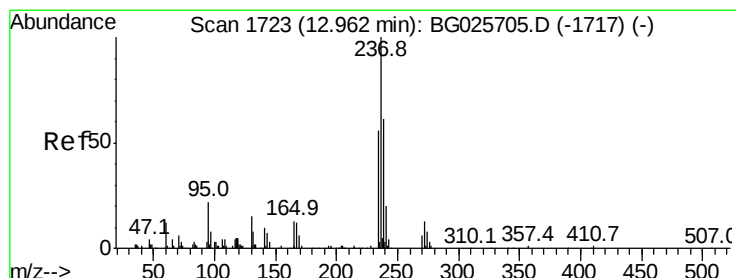
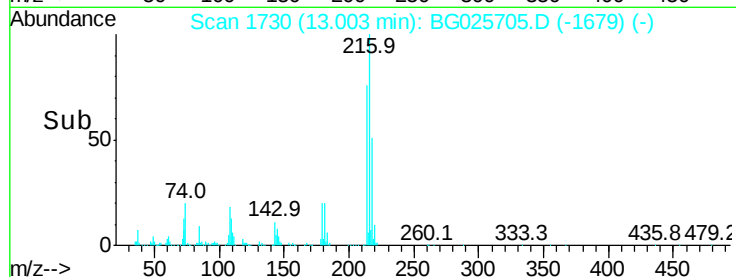
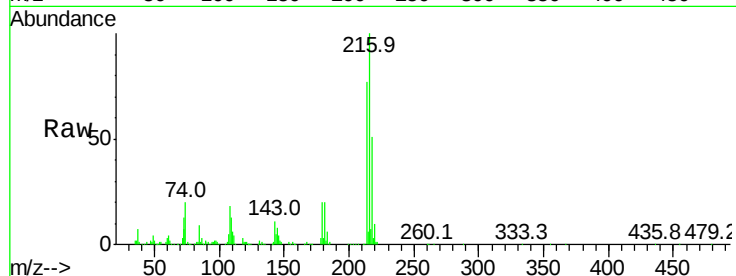
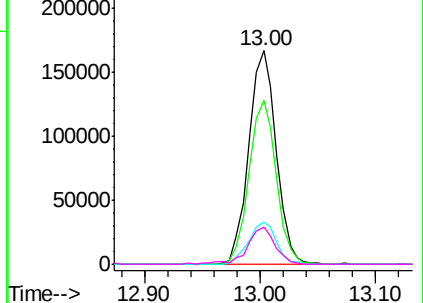
108 17.9 15.6 23.4

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: 41.16 ng

RT: 12.96 min Scan# 1723

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:237 Resp: 78817

Ion	Ratio	Lower	Upper
237	100		
235	56.3	39.4	79.4
272	13.5	0.0	32.0

237 100

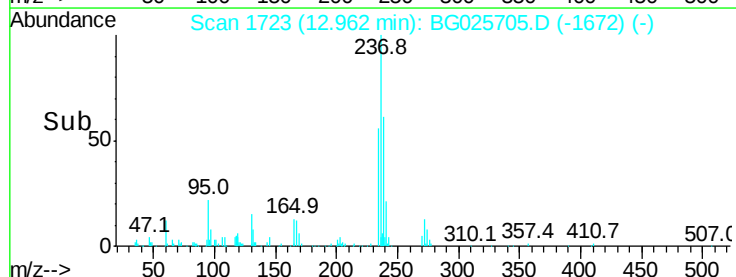
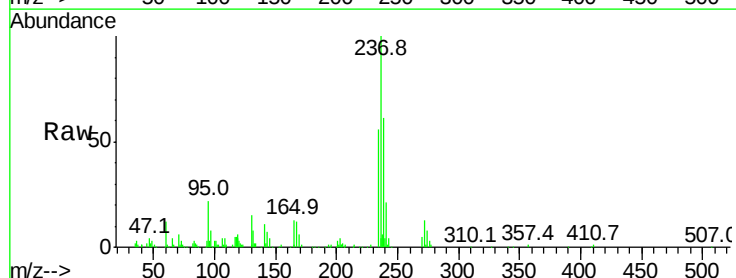
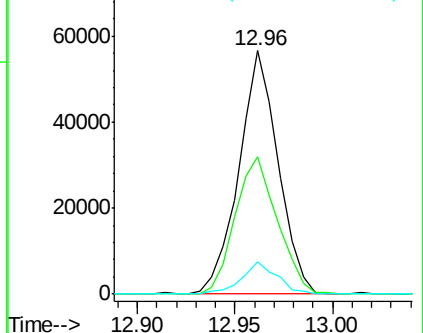
235 56.3 39.4 79.4

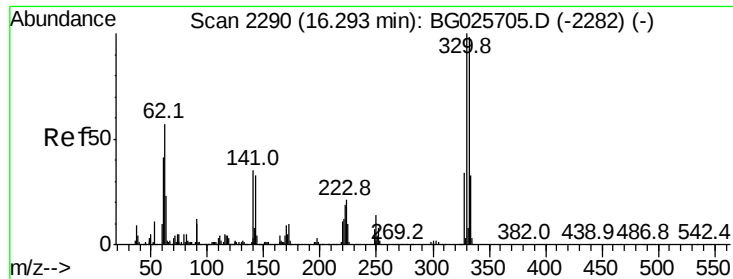
272 13.5 0.0 32.0

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

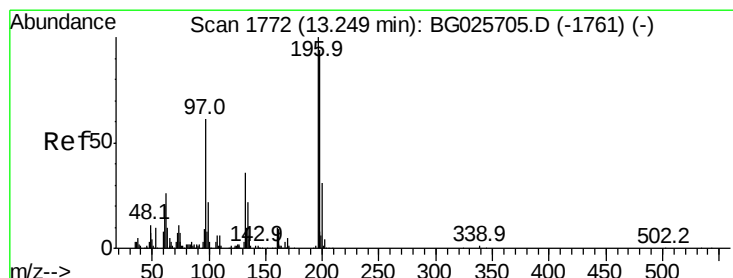
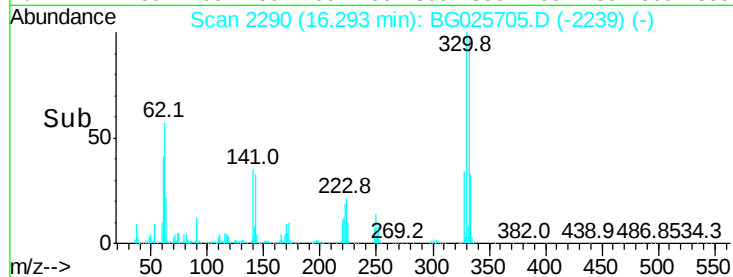
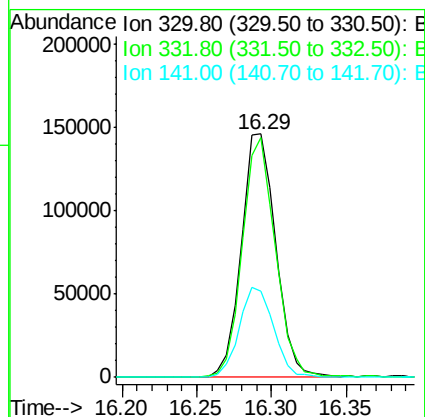
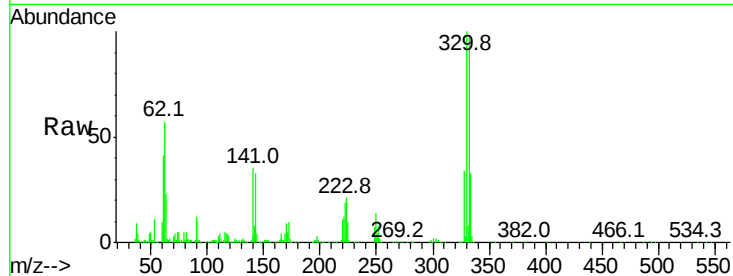




#41
 2,4,6-Tribromophenol
 Concen: 72.81 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

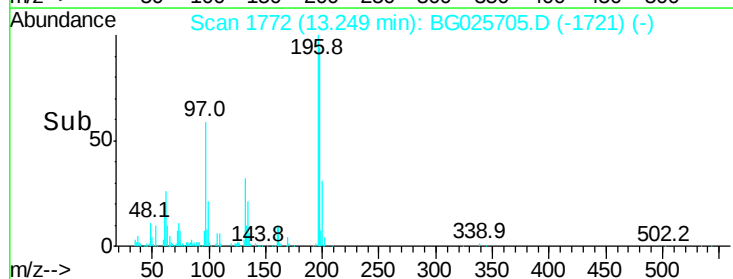
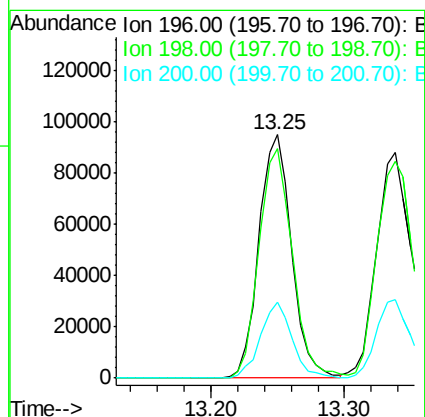
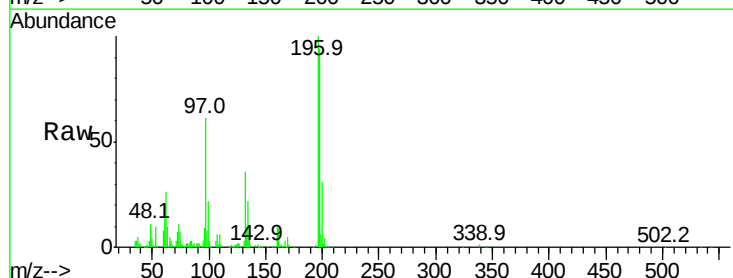
Instrument :
 BNA_G
 ClientSampleId :

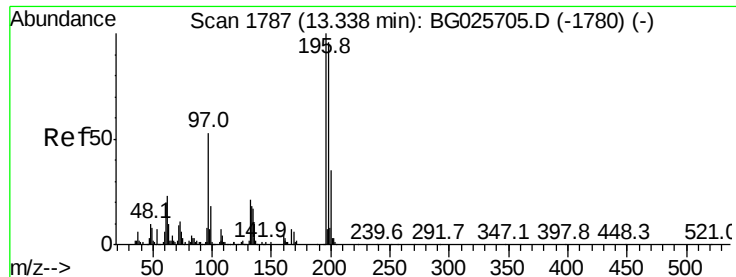
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.3	115.9
141	37.2	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 38.65 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	81.4	122.2
200	31.3	27.0	40.6

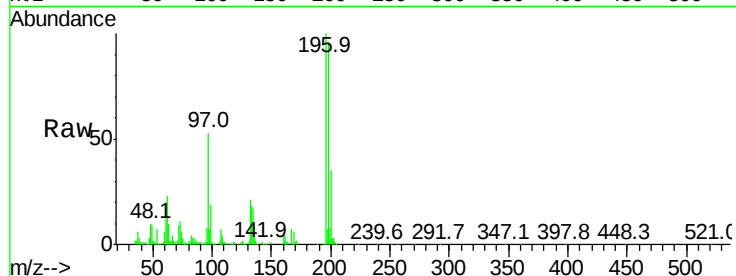




#43
2,4,5-Trichlorophenol
Concen: 39.18 ng
RT: 13.34 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.9	119.9
97	53.3	45.4	68.0
132	21.1	20.7	31.1



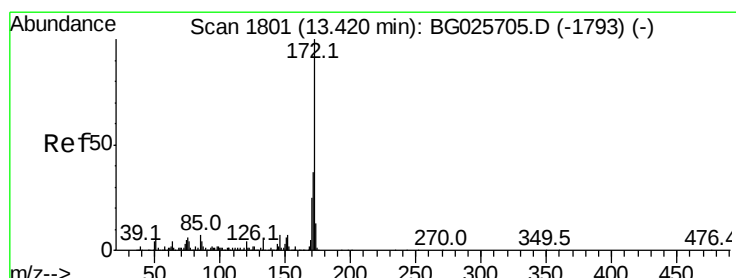
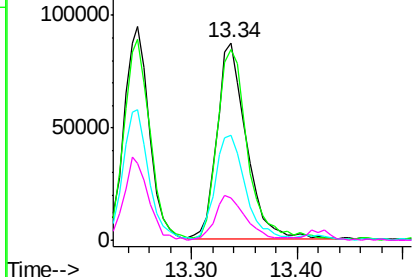
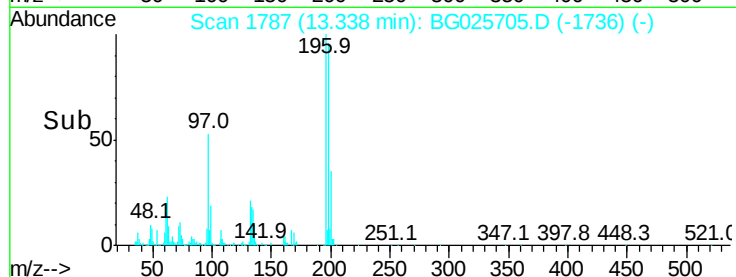
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

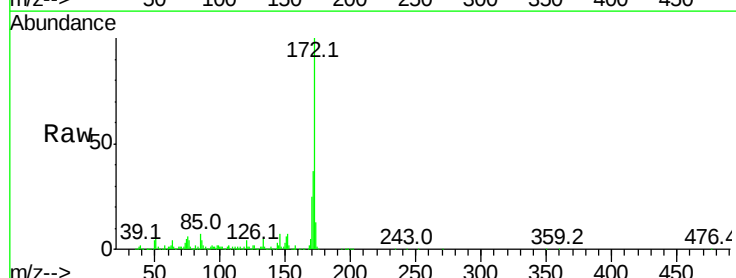
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 79.71 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.8	21.8	32.6

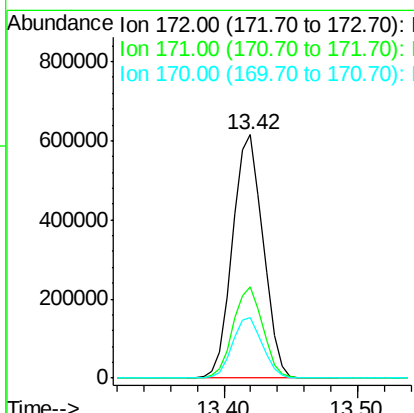
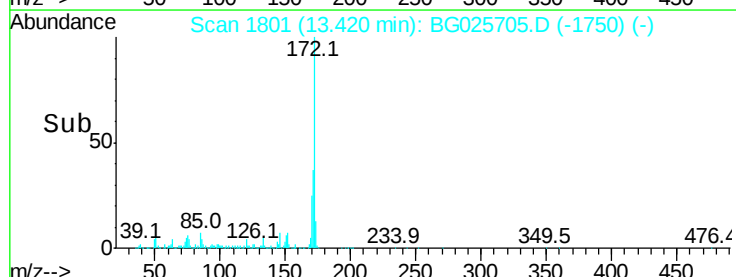


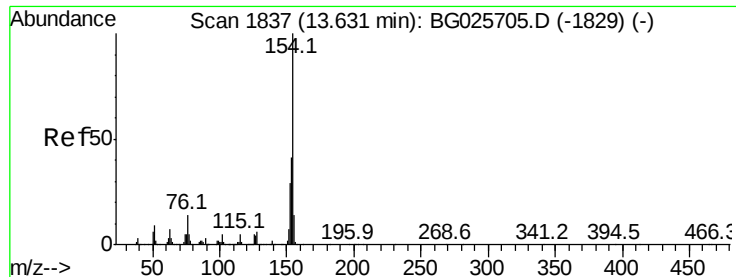
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.97 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

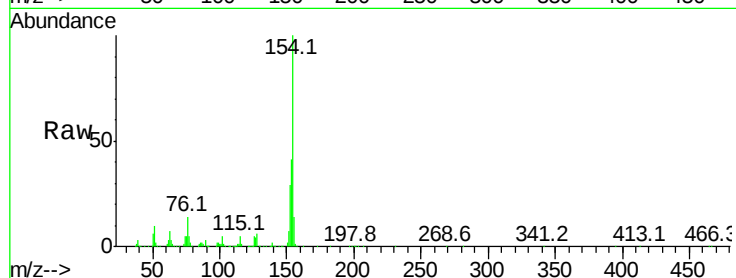
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 561910

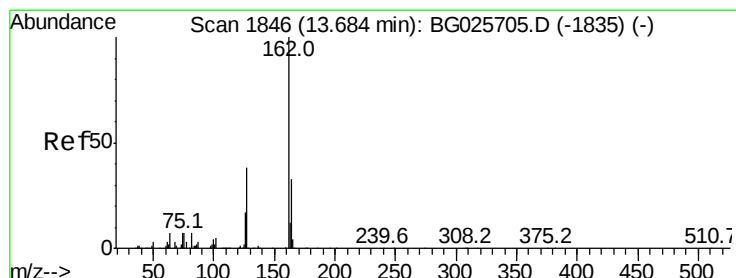
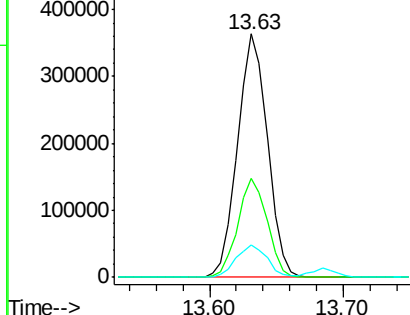
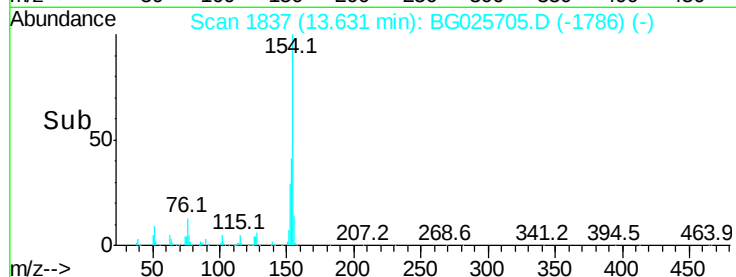
Ion	Ratio	Lower	Upper
154	100		
153	40.5	23.0	63.0
76	13.5	0.0	33.5



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: 41.10 ng

RT: 13.68 min Scan# 1846

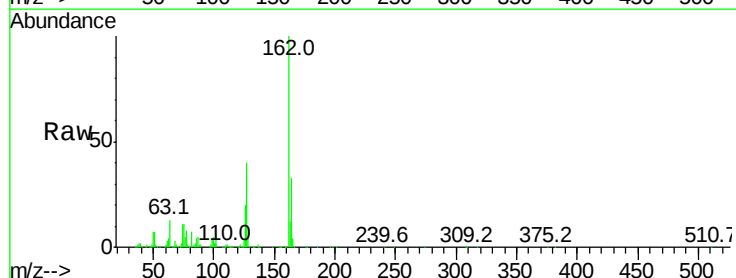
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:162 Resp: 429852

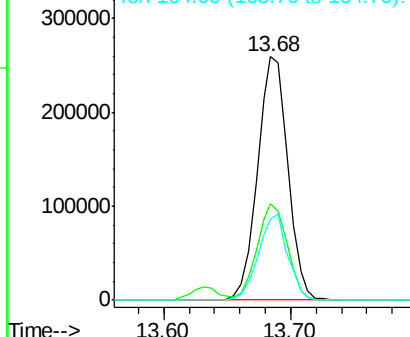
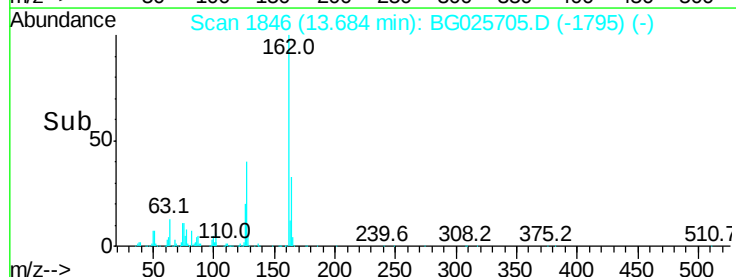
Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.2	48.4
164	33.1	27.3	40.9

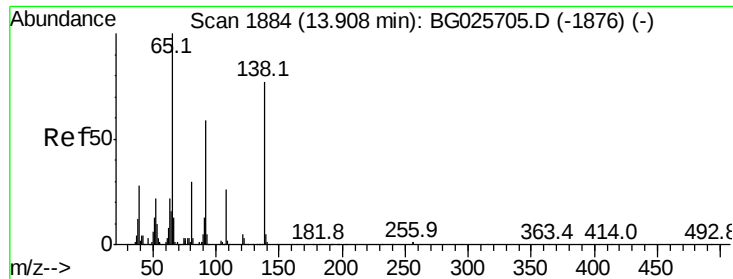


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

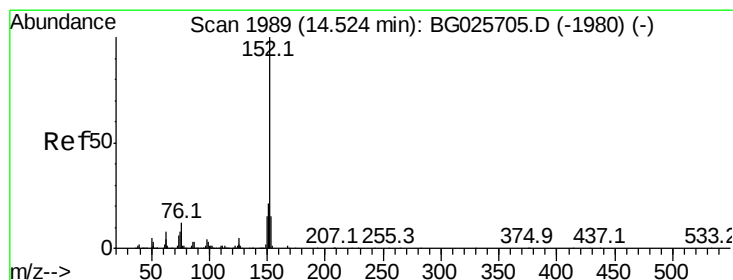
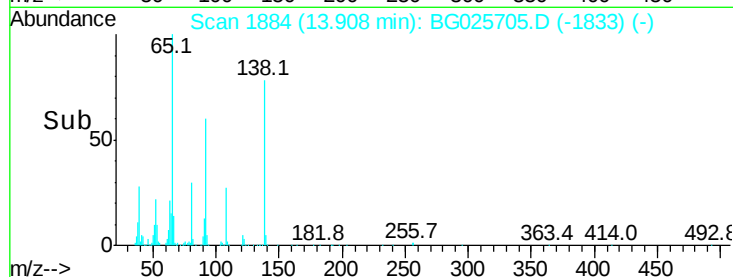
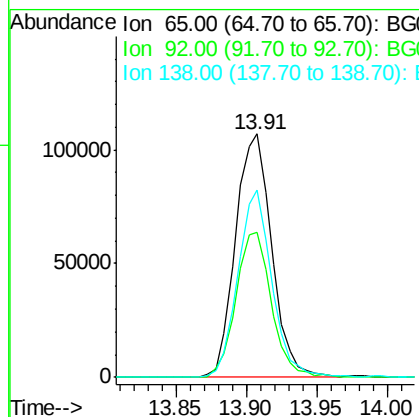
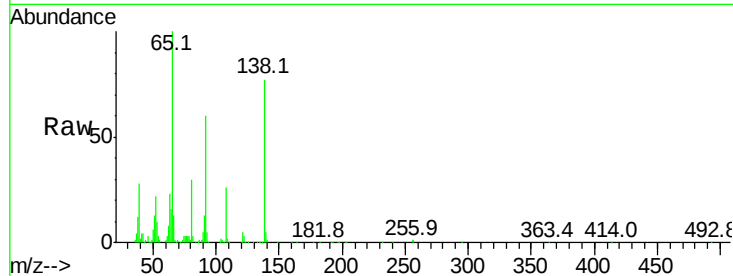




#47
2-Nitroaniline
Concen: 43.44 ng
RT: 13.91 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

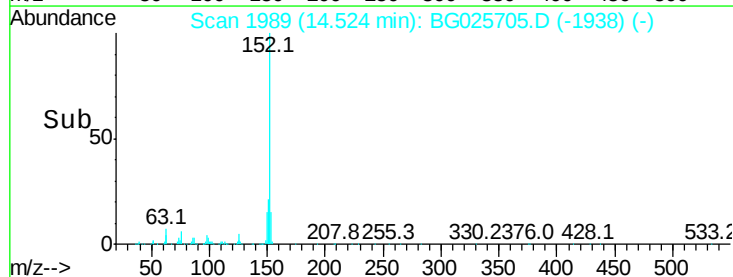
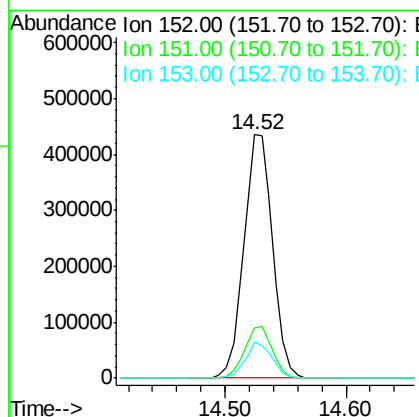
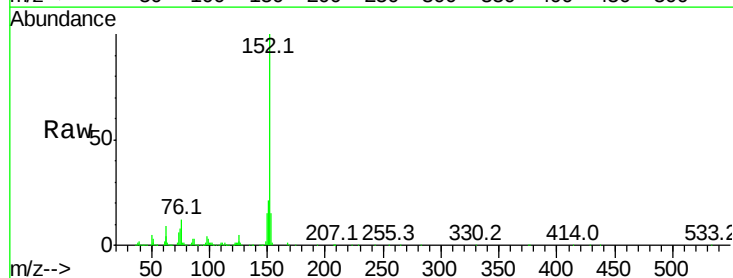
Instrument :
BNA_G
ClientSampleId :

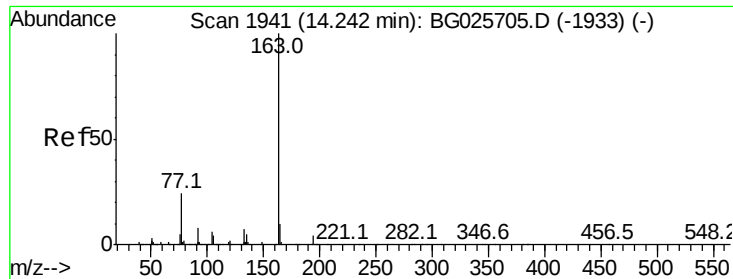
Tot Ion: 65 Resp: 191800
Ion Ratio Lower Upper
65 100
92 59.6 49.0 73.4
138 77.0 58.6 87.8



#48
Acenaphthylene
Concen: 44.27 ng
RT: 14.52 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion: 152 Resp: 717683
Ion Ratio Lower Upper
152 100
151 20.7 18.2 27.2
153 14.7 11.3 16.9





#49

Dimethylphthalate

Concen: 42.33 ng

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

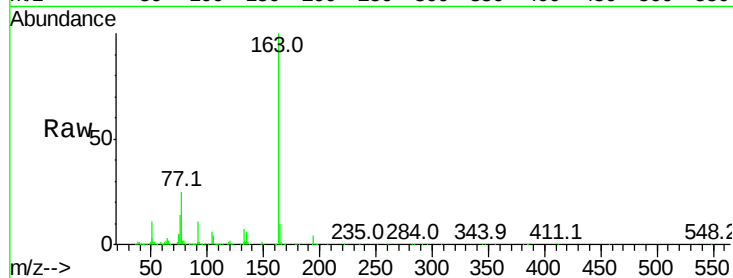
Tot Ion:163 Resp: 614281

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

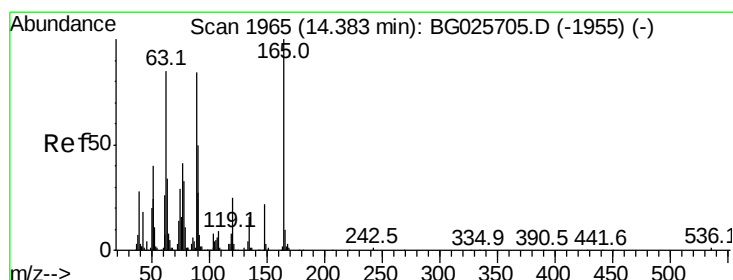
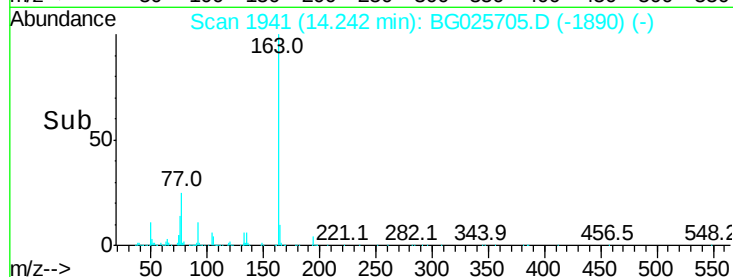
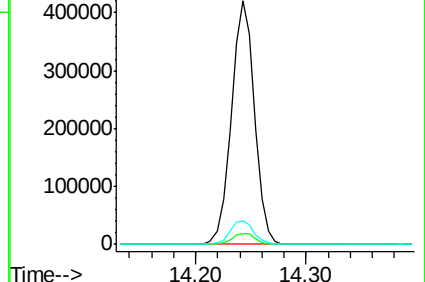
164 9.9 9.3 13.9



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: 42.41 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

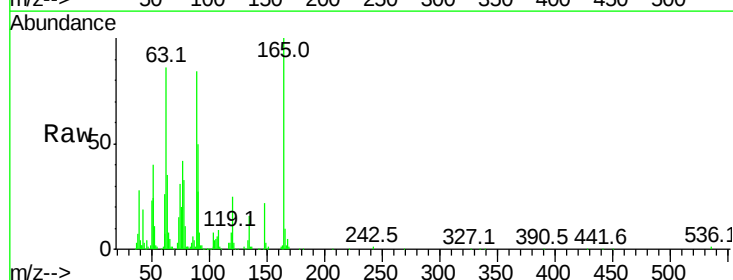
Tgt Ion:165 Resp: 134427

Ion Ratio Lower Upper

165 100

63 86.2 63.9 95.9

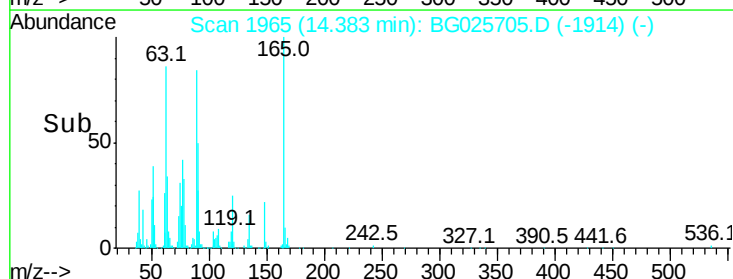
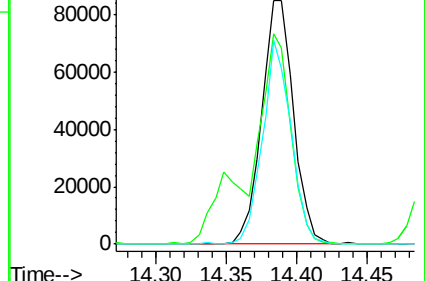
89 83.8 58.6 88.0

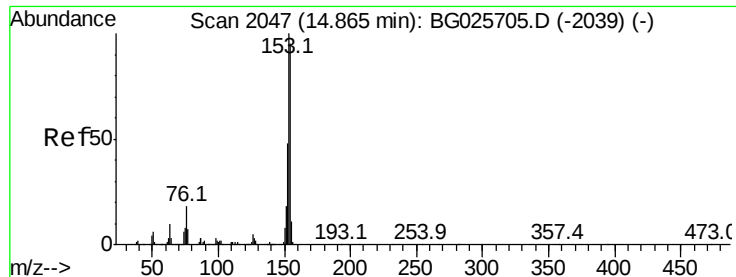


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.66 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

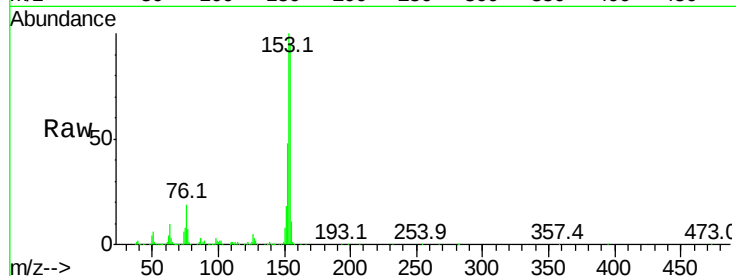
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 452357

Ion	Ratio	Lower	Upper
154	100		
153	105.2	87.8	131.6
152	50.9	42.2	63.4



Abundance

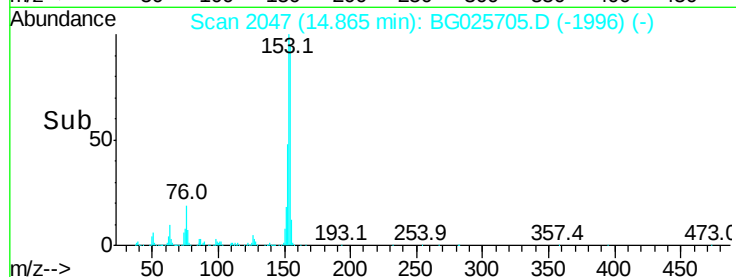
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.87

Time-->



#52

3-Nitroaniline

Concen: 43.07 ng

RT: 14.73 min Scan# 2024

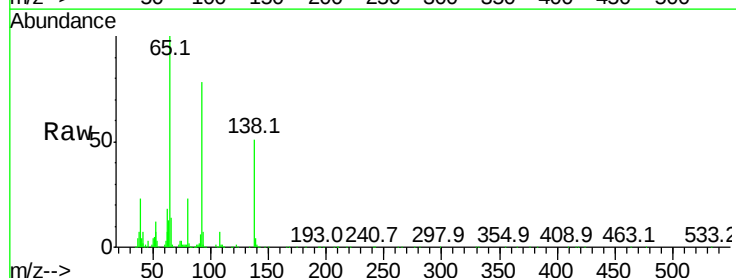
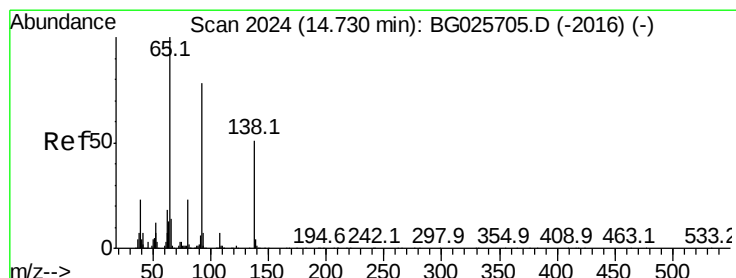
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:138 Resp: 131244

Ion	Ratio	Lower	Upper
138	100		
108	13.0	10.9	16.3
92	153.6	115.3	172.9



Abundance

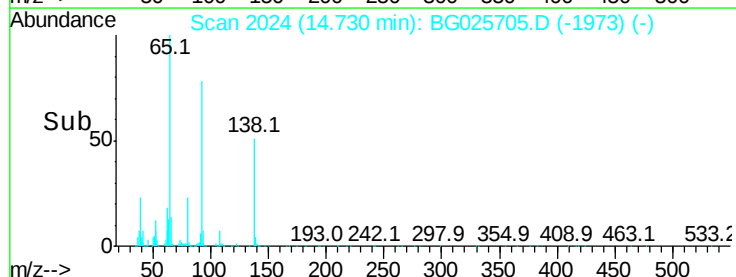
Ion 138.00 (137.70 to 138.70): E

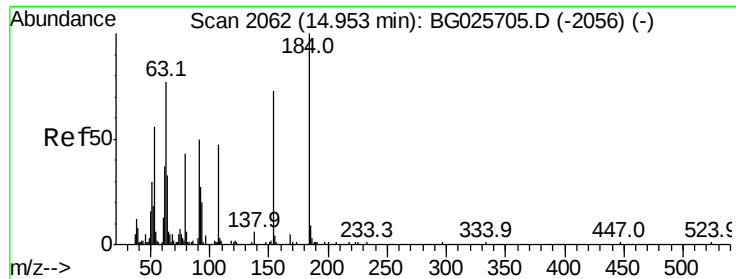
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

14.73

Time-->

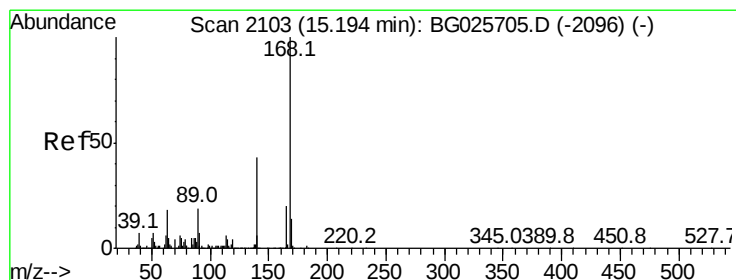
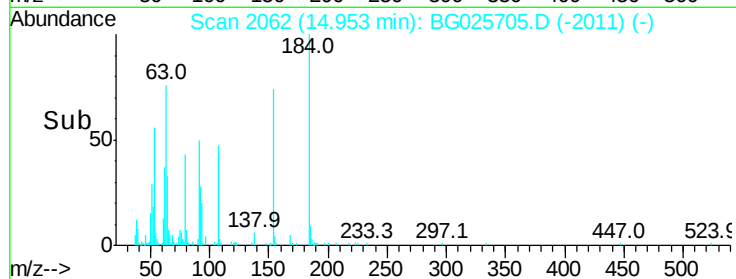
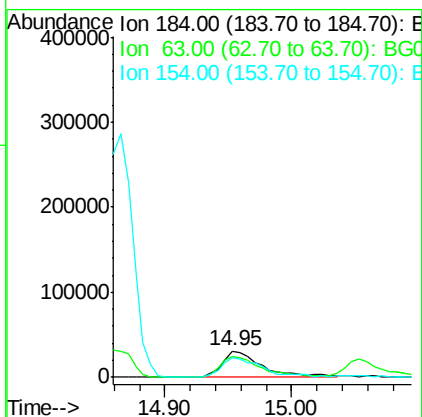
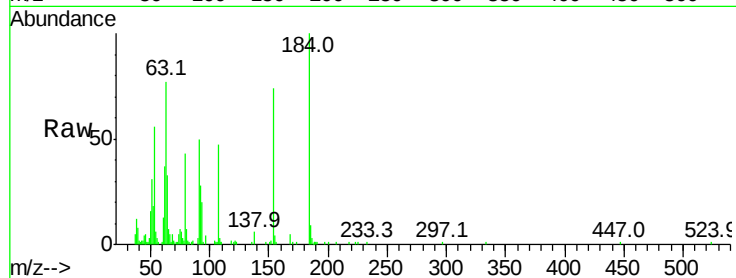




#53
2,4-Dinitrophenol
Concen: 37.34 ng
RT: 14.95 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

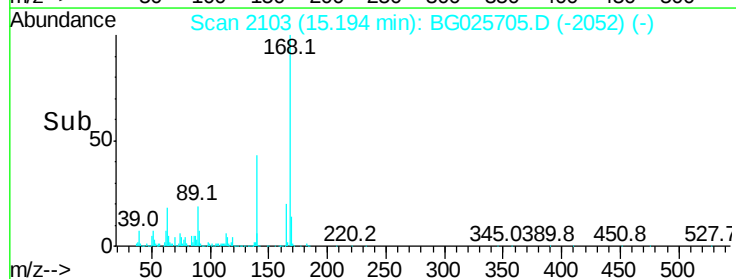
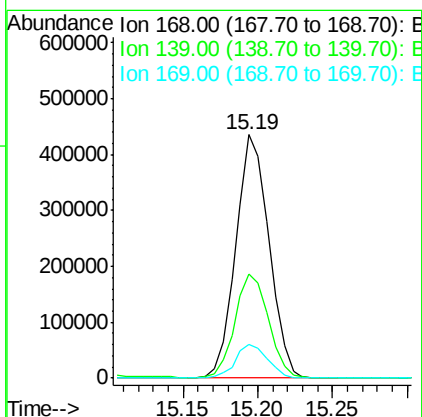
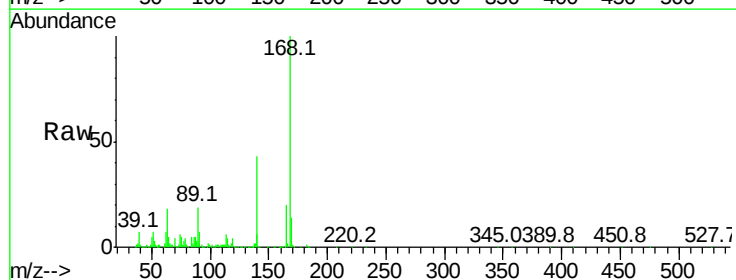
Instrument :
BNA_G
ClientSampleId :

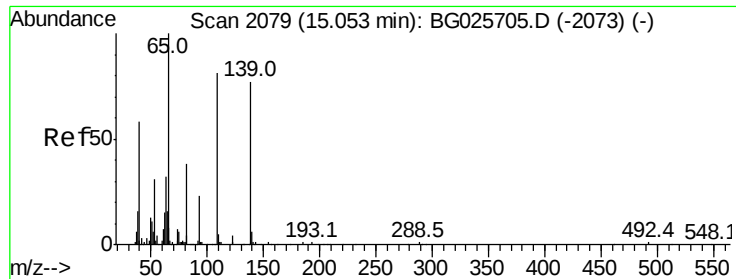
Tot Ion:184 Resp: 67920
Ion Ratio Lower Upper
184 100
63 77.4 52.7 79.1
154 73.8 57.3 85.9



#54
Dibenzofuran
Concen: 40.14 ng
RT: 15.19 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion:168 Resp: 672839
Ion Ratio Lower Upper
168 100
139 43.0 35.3 52.9
169 13.9 11.5 17.3

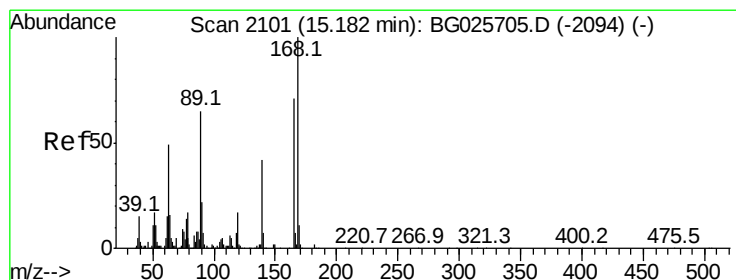
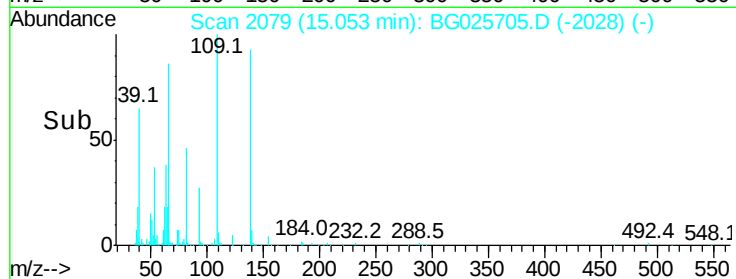
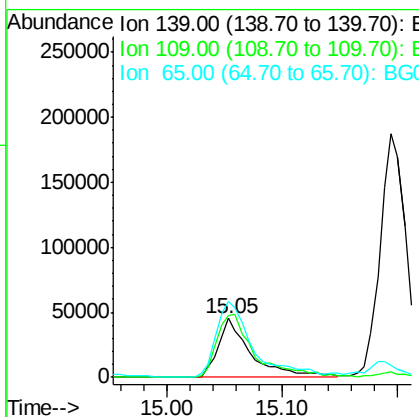
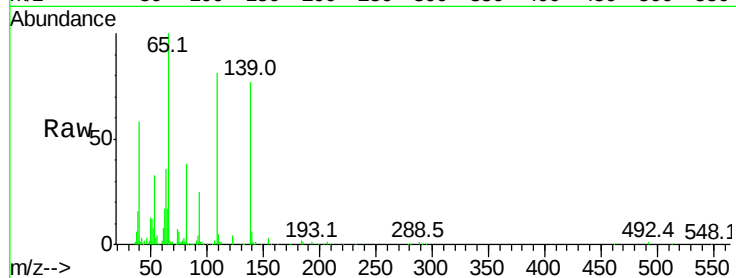




#55
4-Nitrophenol
Concen: 39.95 ng
RT: 15.05 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

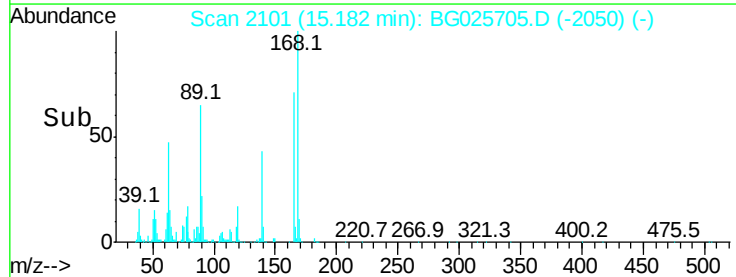
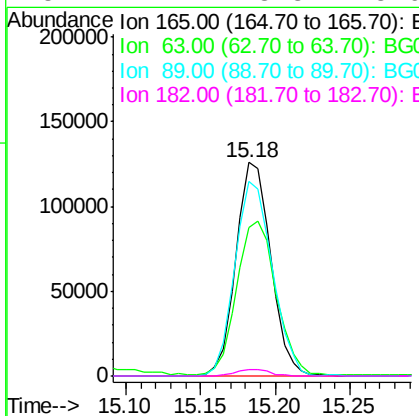
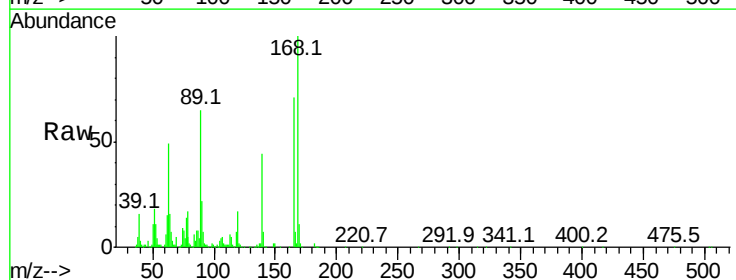
Instrument :
BNA_G
ClientSampled :

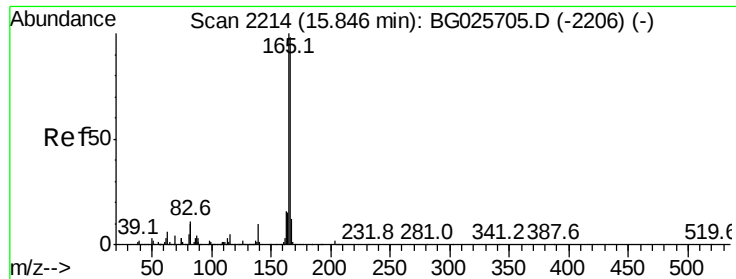
Tot Ion:139 Resp: 90931
Ion Ratio Lower Upper
139 100
109 105.4 101.2 141.2
65 130.4 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 44.34 ng
RT: 15.18 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion:165 Resp: 204639
Ion Ratio Lower Upper
165 100
63 69.4 44.0 66.0#
89 91.2 67.3 100.9
182 2.7 3.8 5.6#

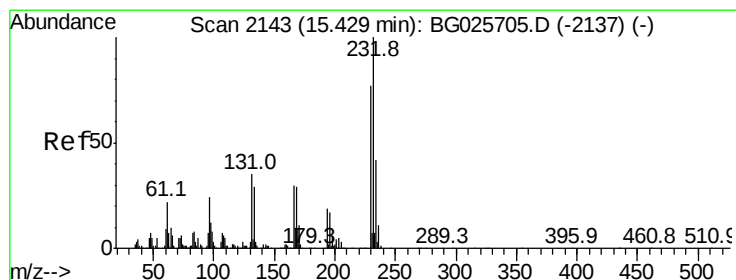
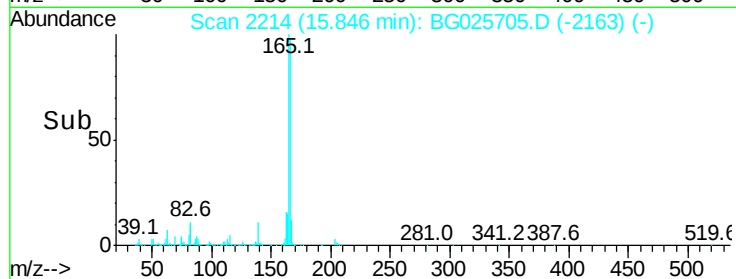
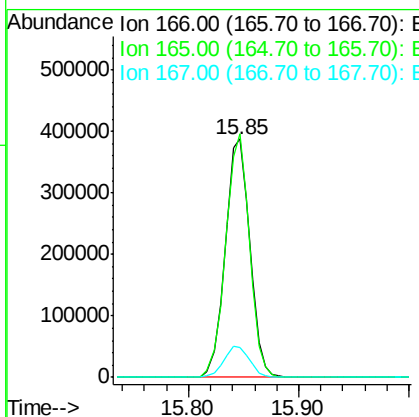
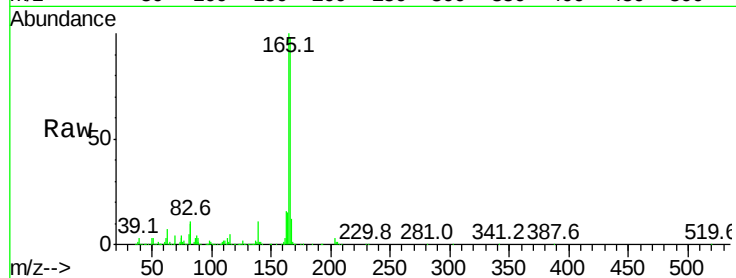




#57
 Fluorene
 Concen: 43.07 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

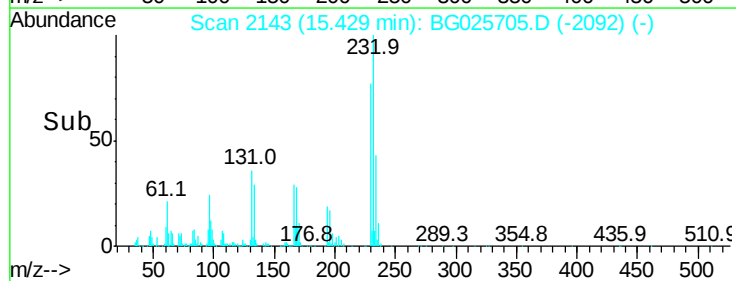
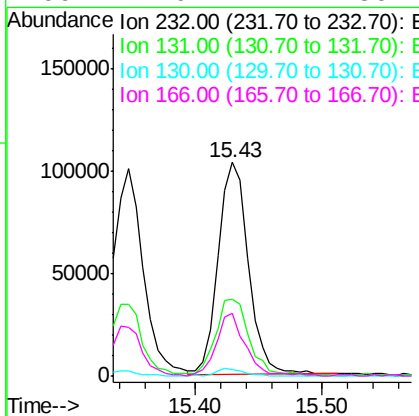
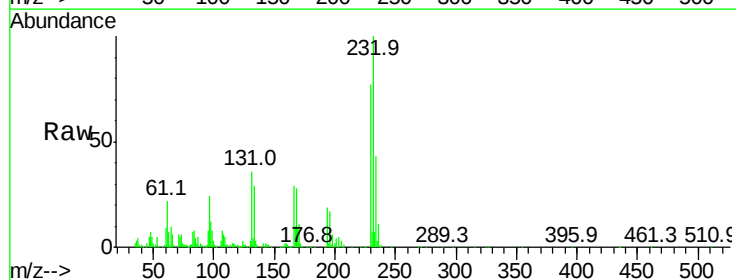
Instrument :
 BNA_G
 ClientSampled :

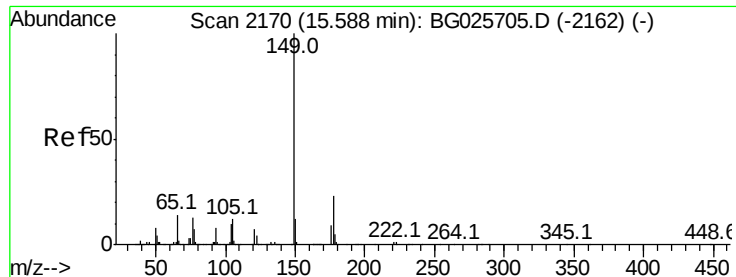
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.6	117.8
167	12.6	11.6	17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.11 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.0	34.9	52.3
130	3.2	2.3	3.5
166	27.9	24.2	36.4

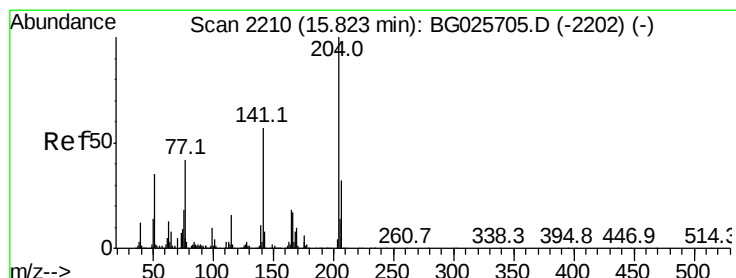
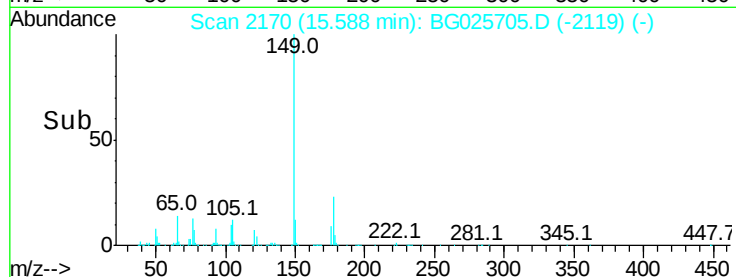
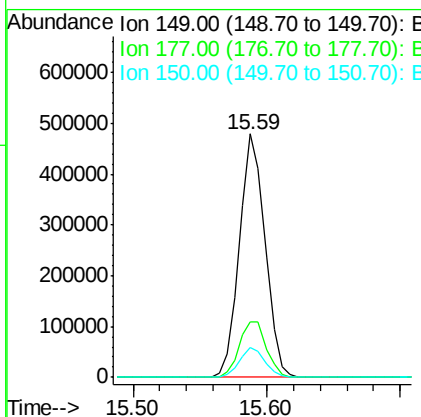
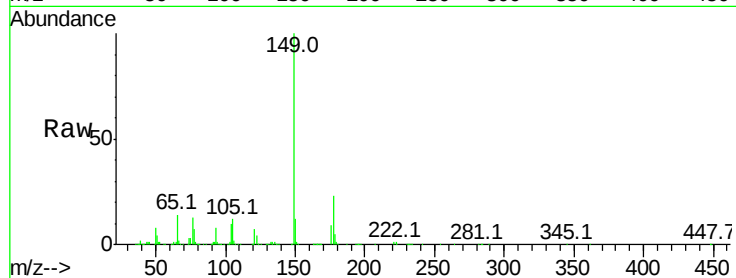




#59
Diethylphthalate
Concen: 41.80 ng
RT: 15.59 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

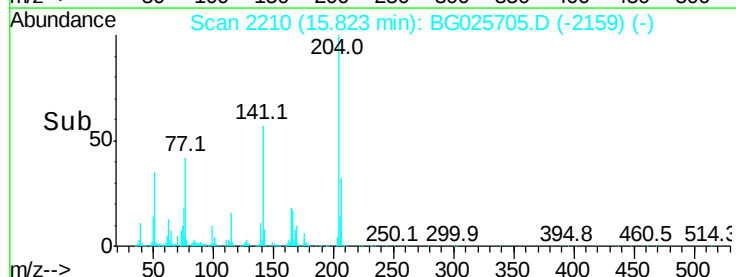
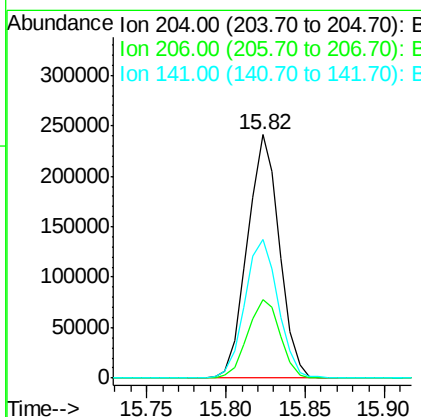
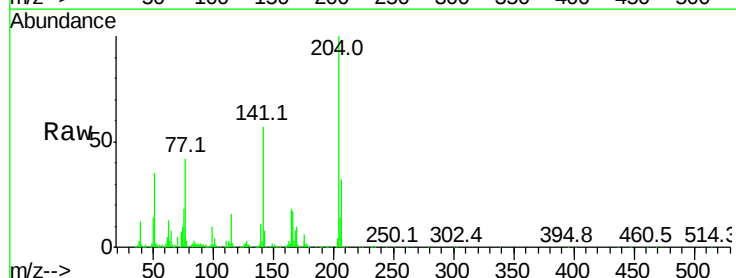
Instrument :
BNA_G
ClientSampleId :

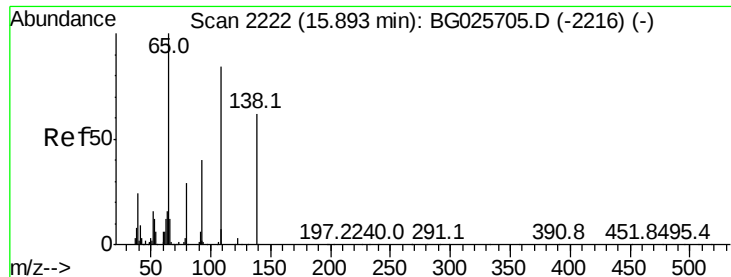
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	20.1	30.1
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.58 ng
RT: 15.82 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	30.1	45.1
141	57.0	50.6	76.0

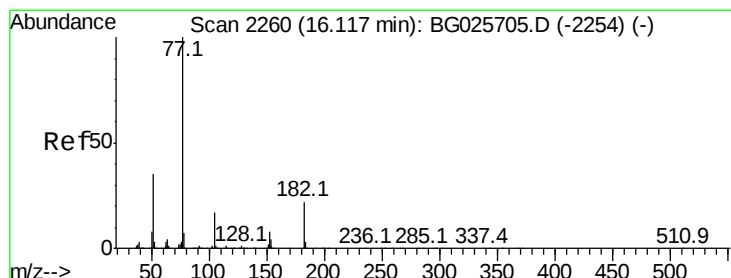
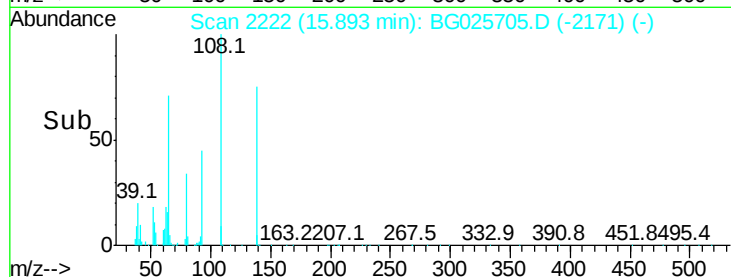
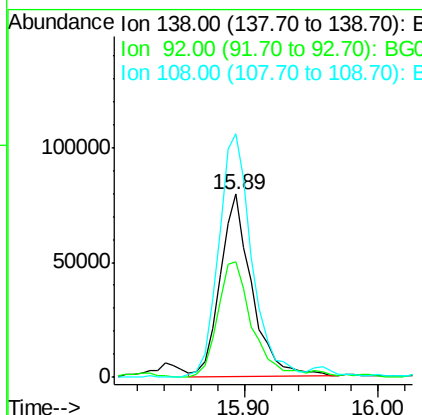
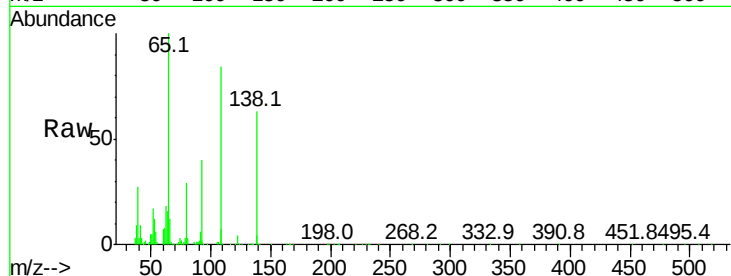




#61
4-Nitroaniline
Concen: 42.96 ng
RT: 15.89 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

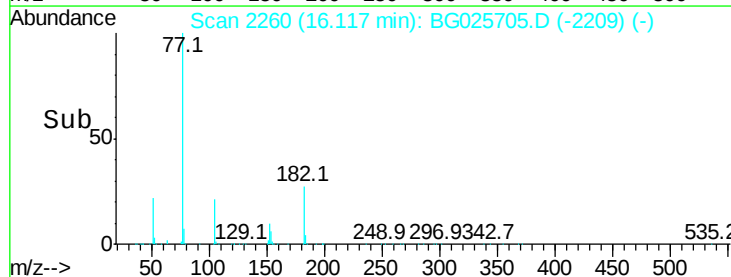
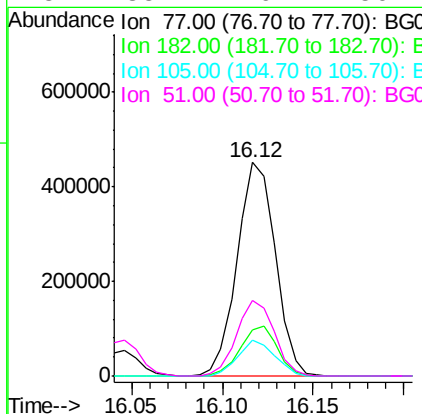
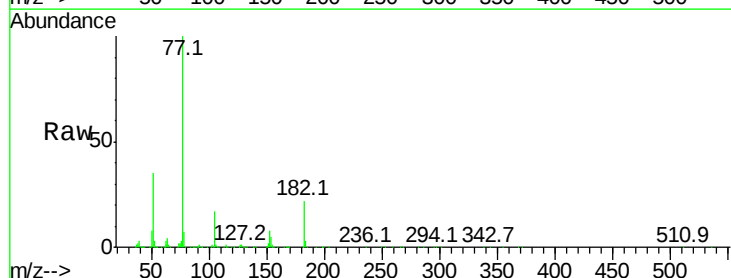
Instrument :
BNA_G
ClientSampled :

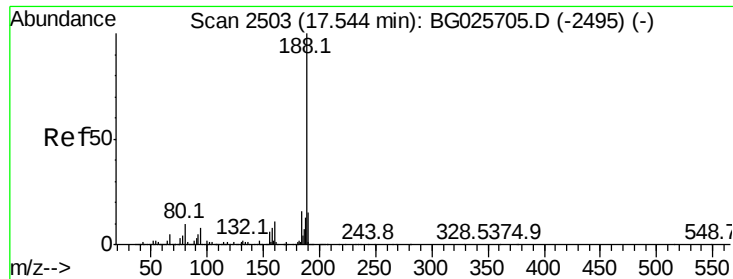
Tot Ion	Ratio	Lower	Upper
138	100		
92	63.0	44.2	84.2
108	133.1	104.8	144.8



#62
Azobenzene
Concen: 45.09 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	4.7	44.7
105	17.0	0.0	36.3
51	35.4	16.4	56.4

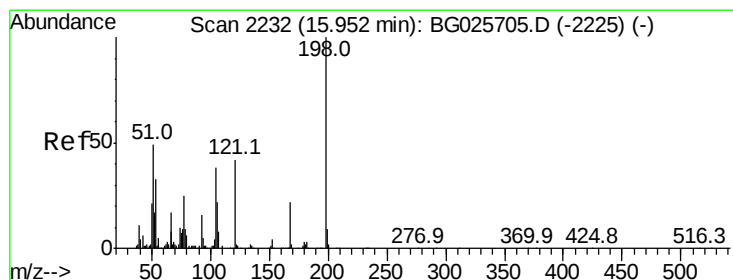
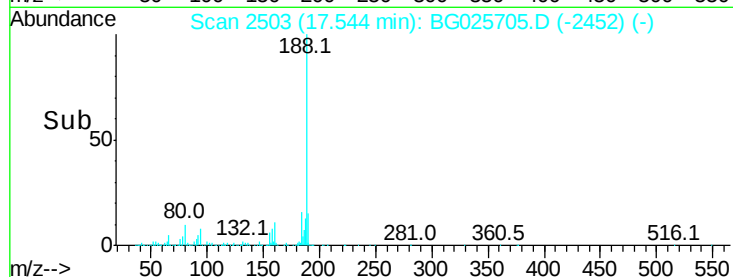
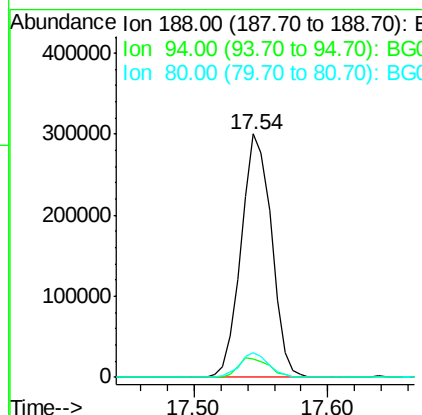
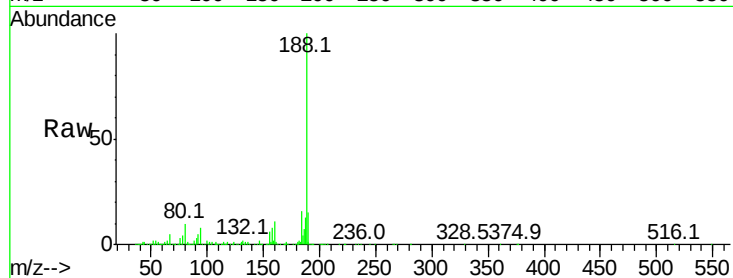




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

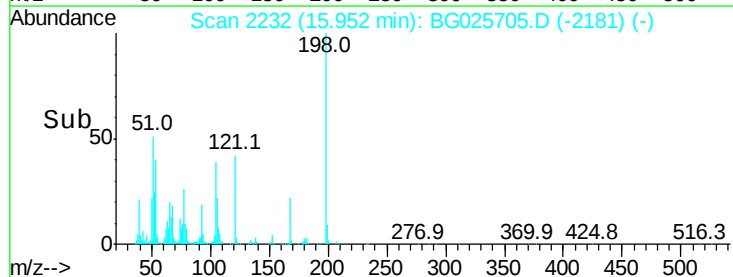
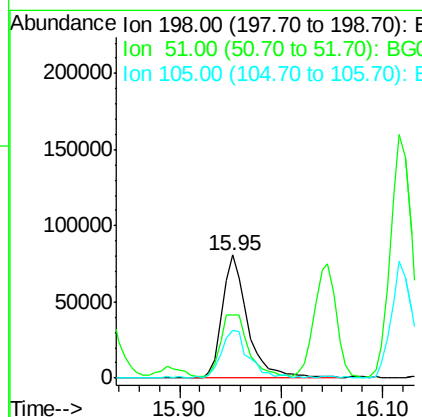
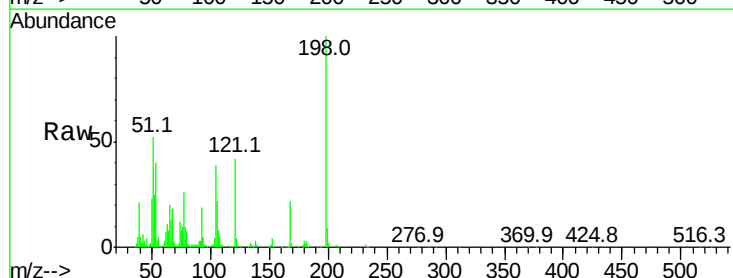
Instrument :
BNA_G
ClientSampleId :

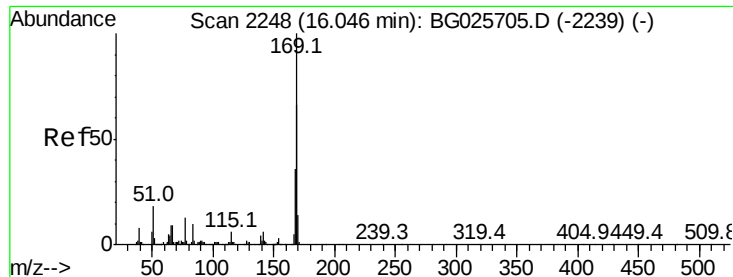
Tot Ion:188 Resp: 471587
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.8
80 9.9 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 43.38 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion:198 Resp: 141685
Ion Ratio Lower Upper
198 100
51 51.9 22.6 62.6
105 38.9 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 43.17 ng

RT: 16.05 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampled :

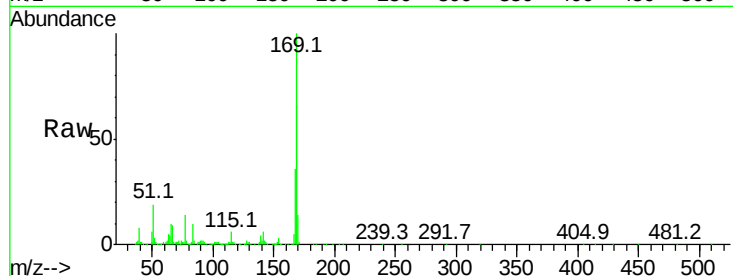
Tot Ion:169 Resp: 550284

Ion Ratio Lower Upper

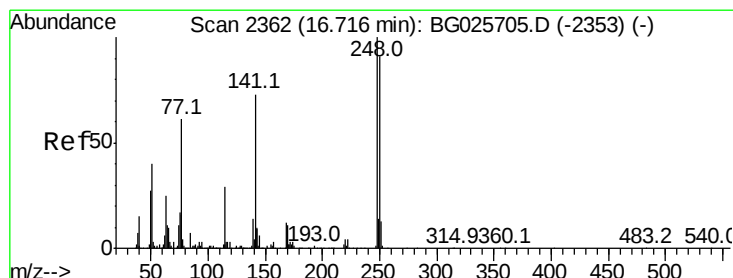
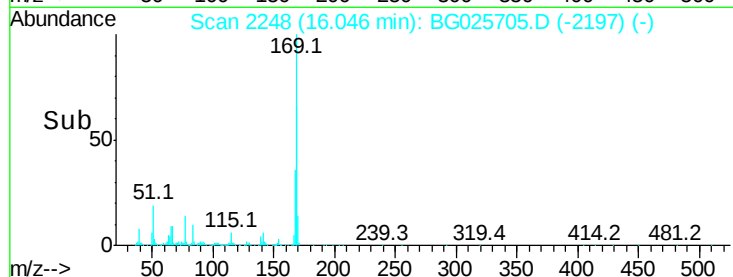
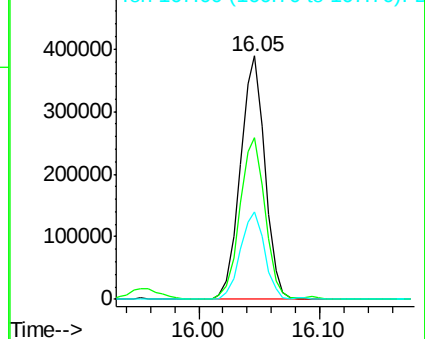
169 100

168 66.4 55.7 83.5

167 35.9 29.8 44.6



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: 40.38 ng

RT: 16.72 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

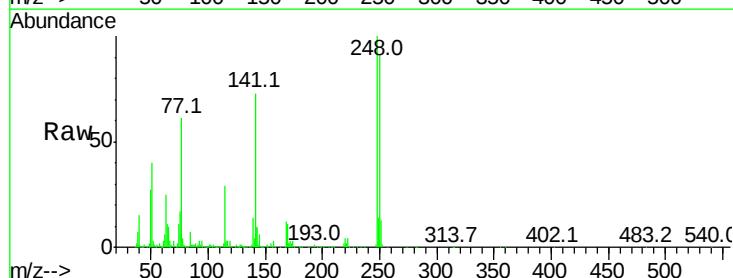
Tgt Ion:248 Resp: 234951

Ion Ratio Lower Upper

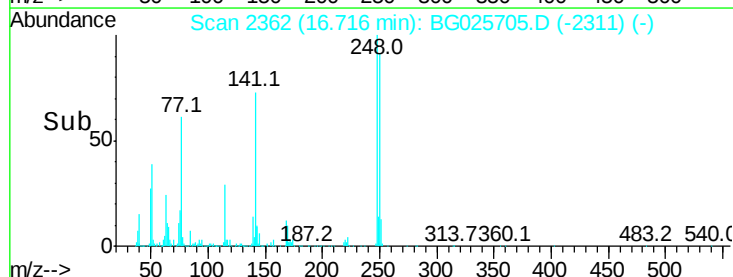
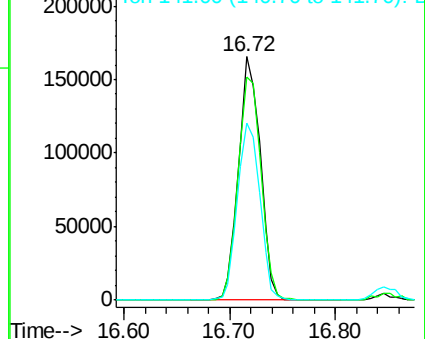
248 100

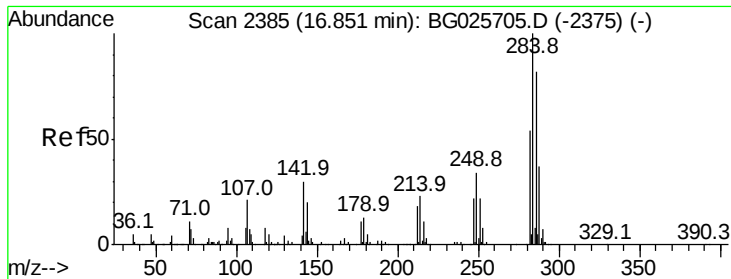
250 91.4 75.0 112.6

141 72.8 55.2 82.8



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: 38.18 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

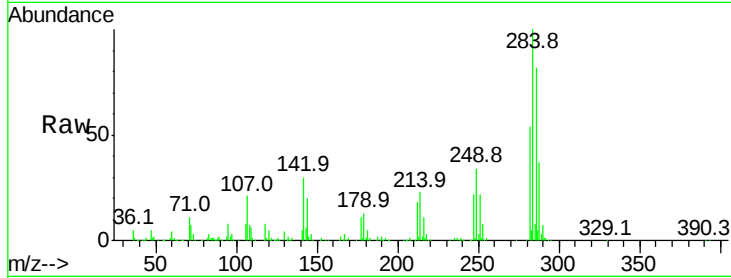
Tot Ion:284 Resp: 254928

Ion	Ratio	Lower	Upper
284	100		
142	30.3	29.9	44.9
249	33.8	29.2	43.8

284 100

142 30.3 29.9 44.9

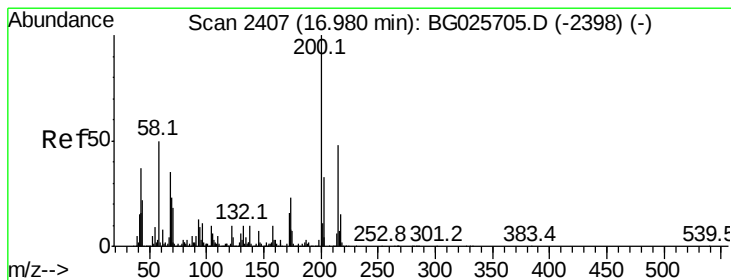
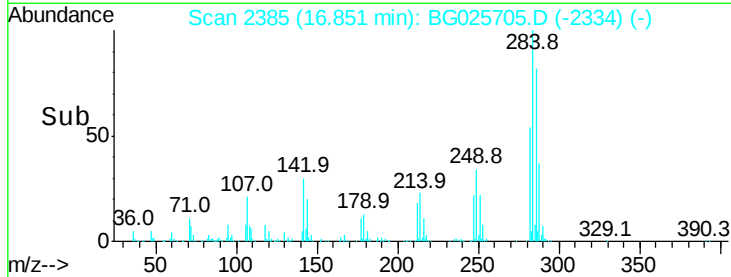
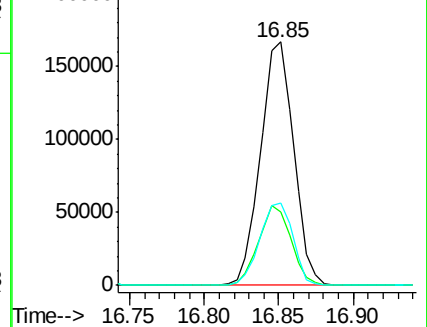
249 33.8 29.2 43.8



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: 47.80 ng

RT: 16.98 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

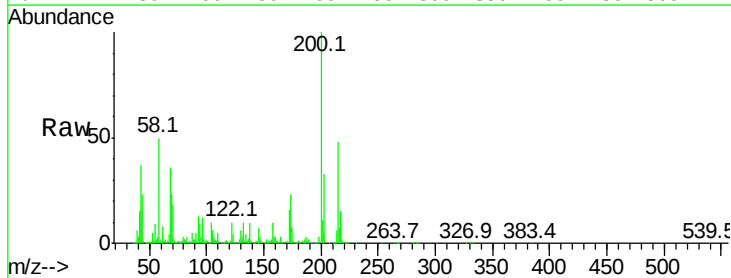
Tgt Ion:200 Resp: 266965

Ion	Ratio	Lower	Upper
200	100		
173	22.8	3.0	43.0
215	47.8	28.4	68.4

200 100

173 22.8 3.0 43.0

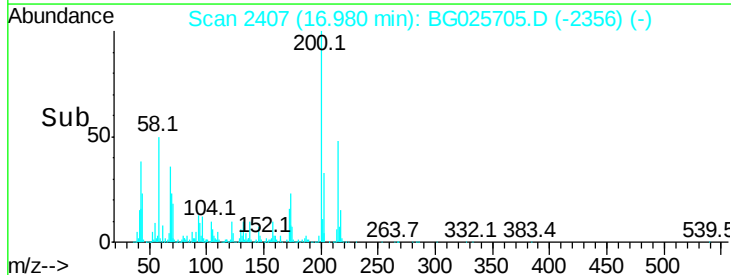
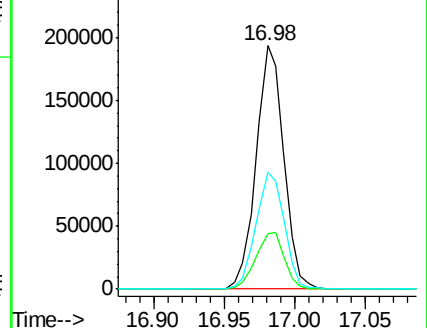
215 47.8 28.4 68.4

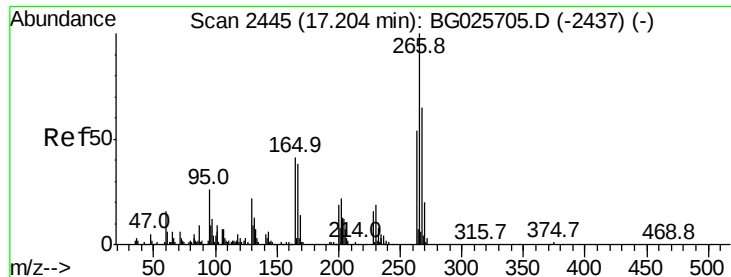


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

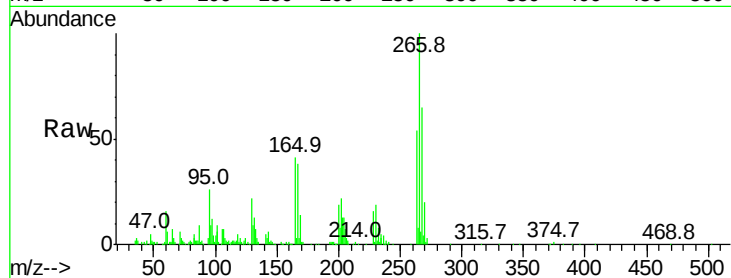




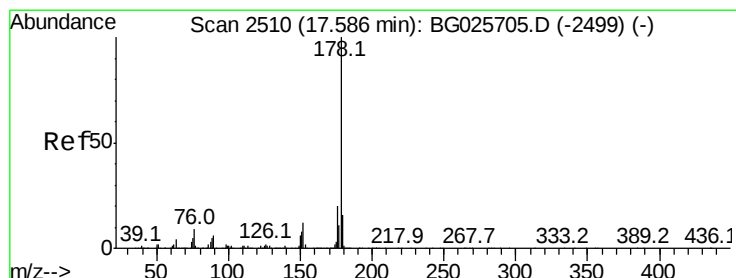
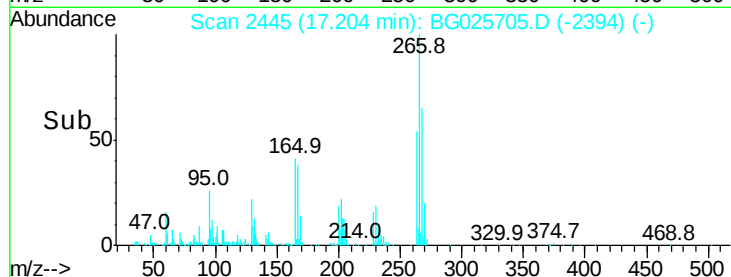
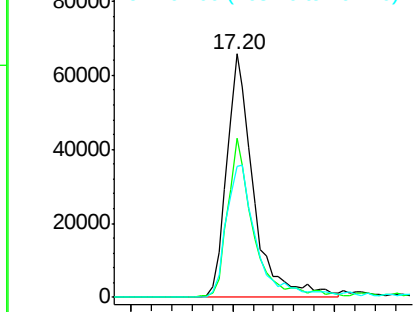
#69
 Pentachlorophenol
 Concen: 34.87 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	48.6	72.8
264	53.9	50.1	75.1

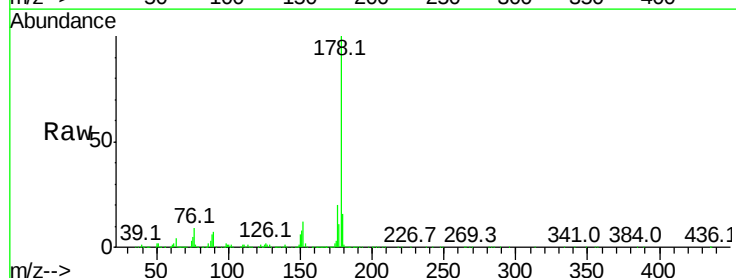


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

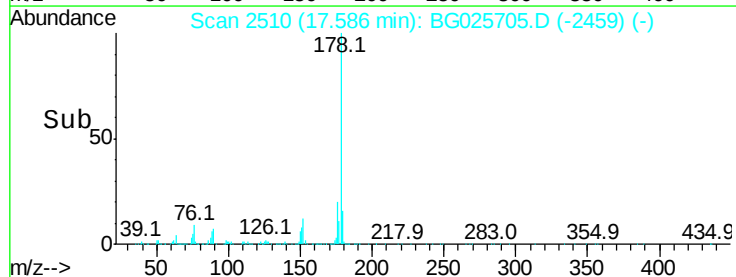
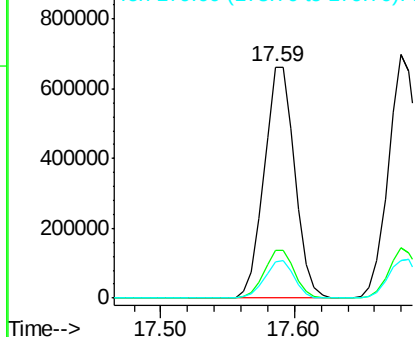


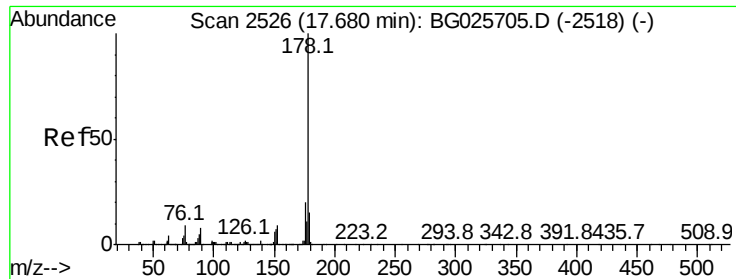
#70
 Phenanthrene
 Concen: 43.37 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.7	26.5
179	15.7	15.0	22.6



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: 44.13 ng

RT: 17.68 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

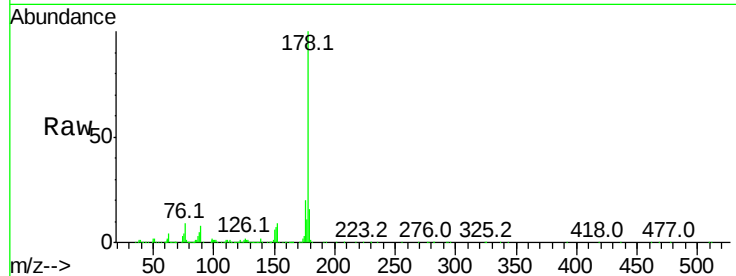
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1089754

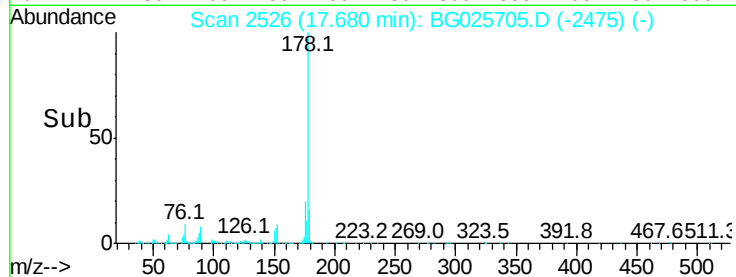
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.4	24.6
179	15.5	13.8	20.8



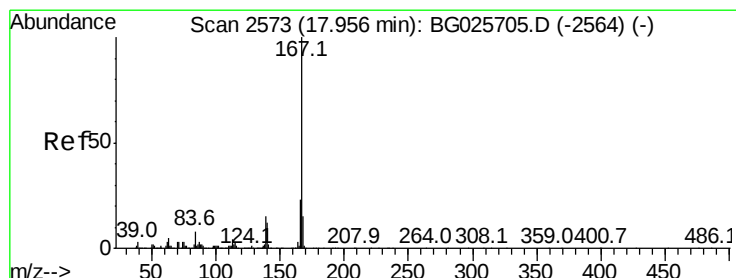
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 48.84 ng

RT: 17.96 min Scan# 2573

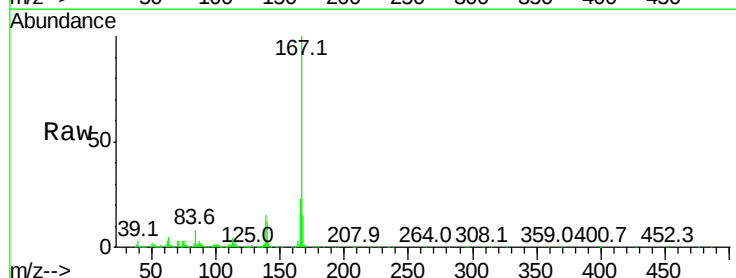
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:167 Resp: 1078714

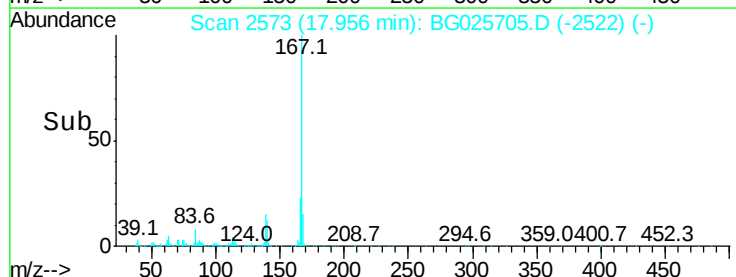
Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	15.0	12.8	19.2



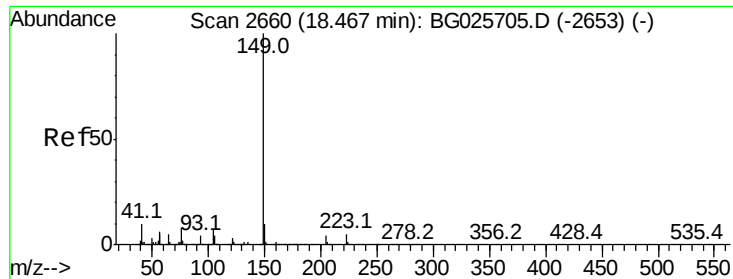
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 44.85 ng

RT: 18.47 min Scan# 2660

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

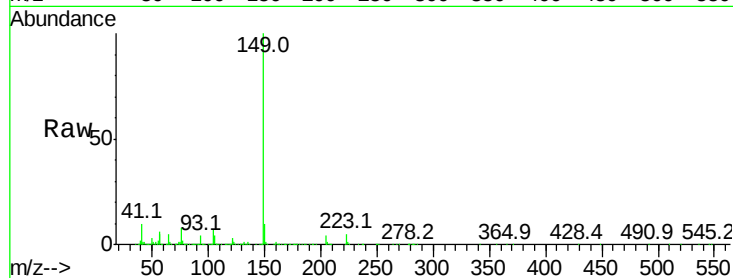
Tot Ion:149 Resp: 1218644

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

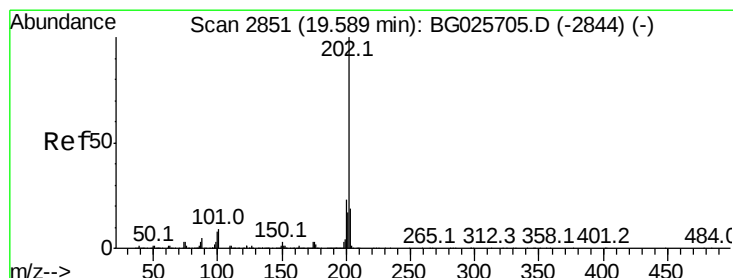
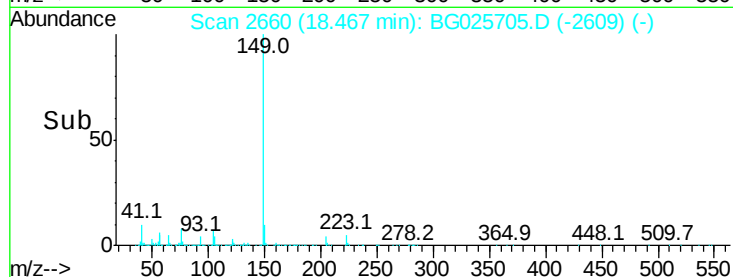
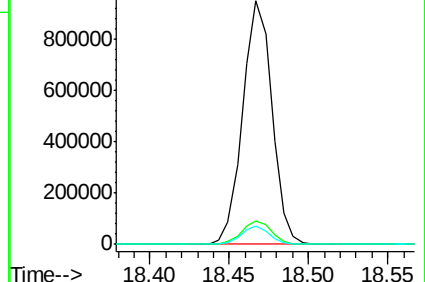
104 7.5 6.7 10.1



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: 44.17 ng

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

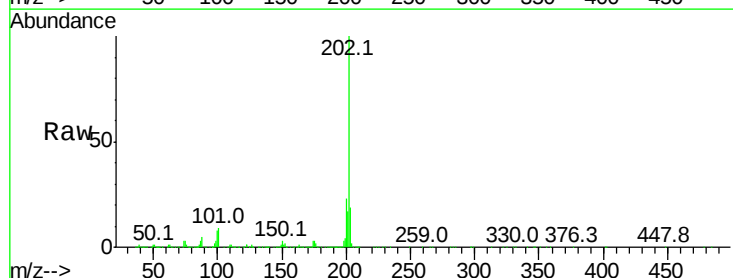
Tgt Ion:202 Resp: 1417729

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.1

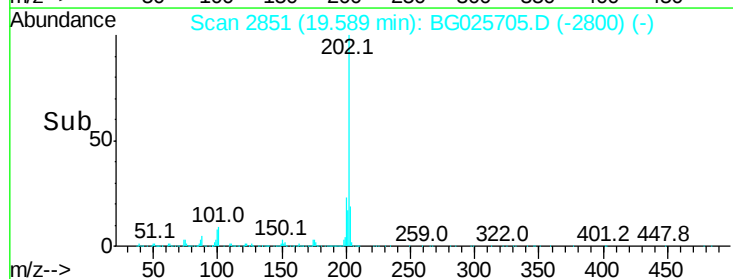
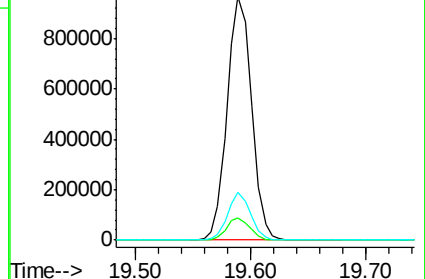
203 19.4 1.3 41.3

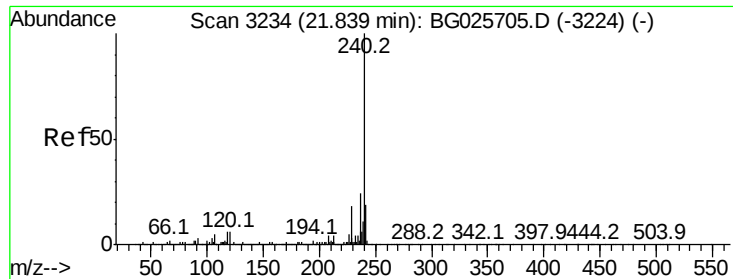


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

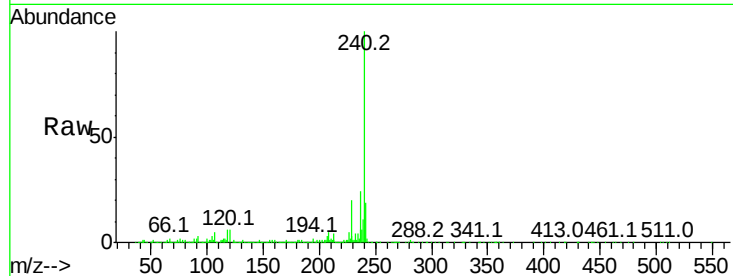
Tot Ion:240 Resp: 643808

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

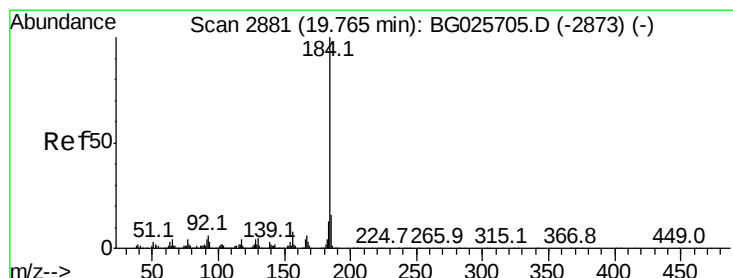
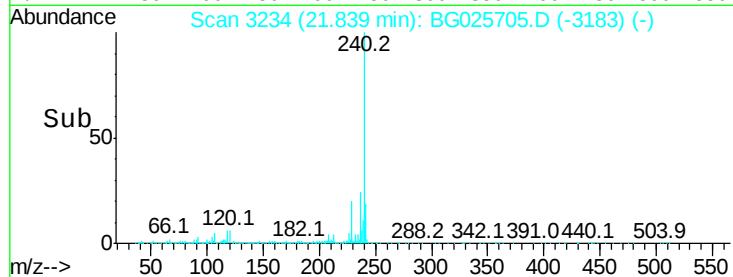
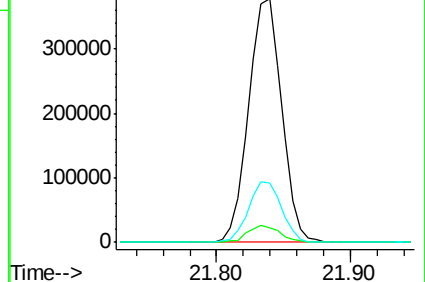
236 24.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 59.76 ng

RT: 19.77 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

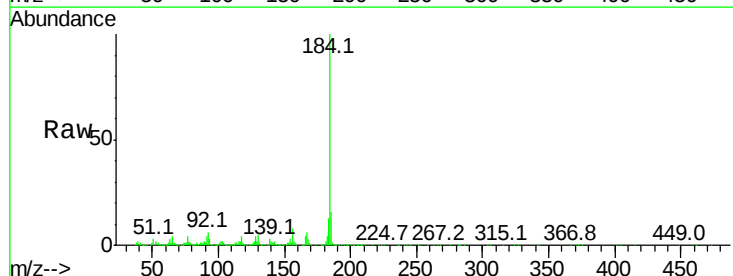
Tgt Ion:184 Resp: 959657

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

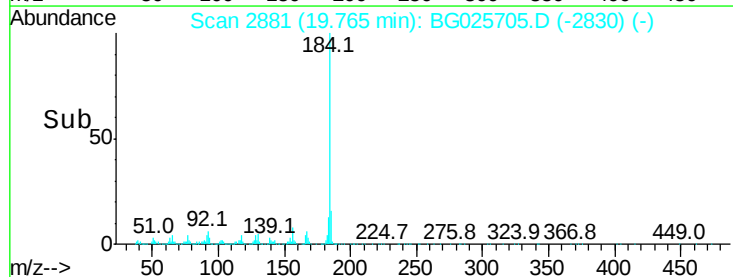
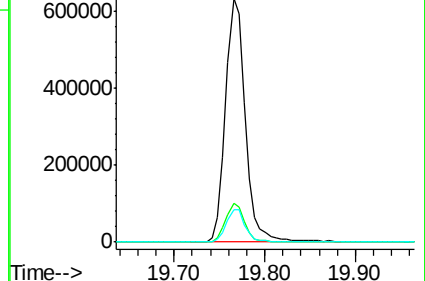
183 13.4 11.0 16.6

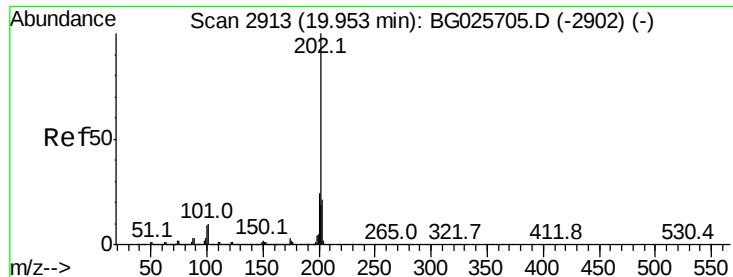


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.04 ng

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

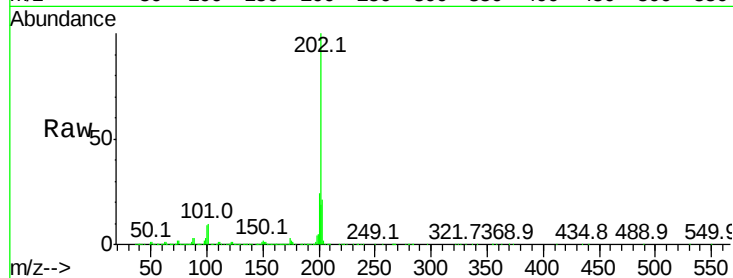
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1482014

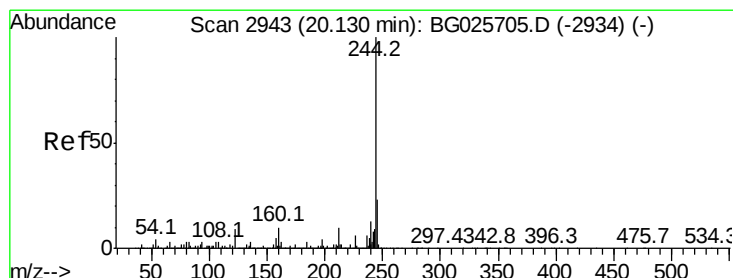
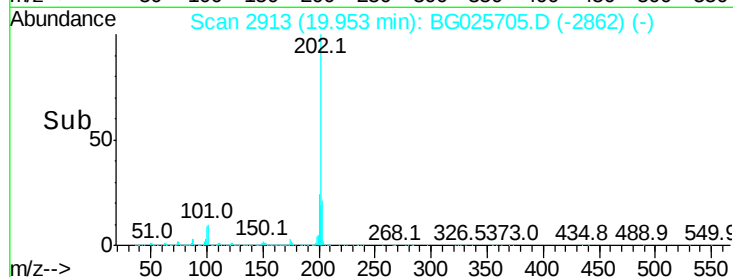
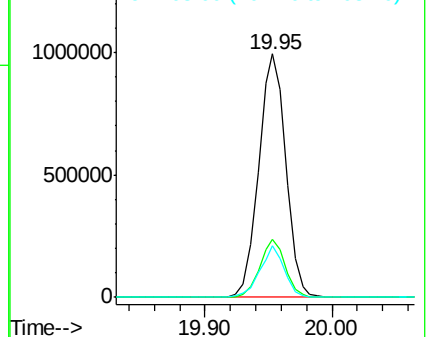
Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.6	29.4
203	21.1	15.8	23.8



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: 90.18 ng

RT: 20.13 min Scan# 2943

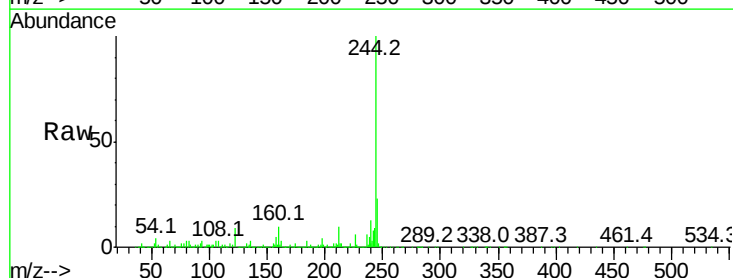
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:244 Resp: 2189820

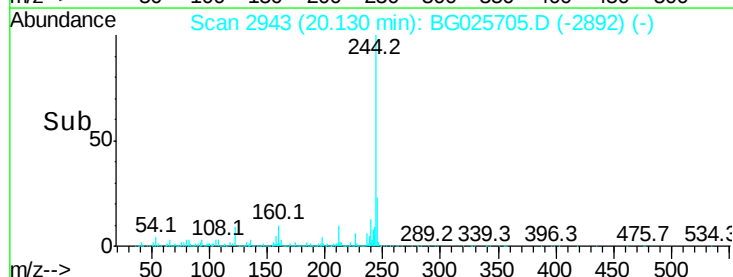
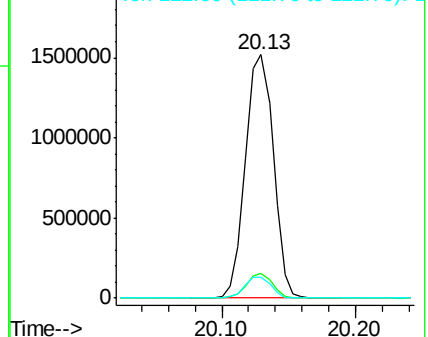
Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0
122	8.7	8.6	12.8

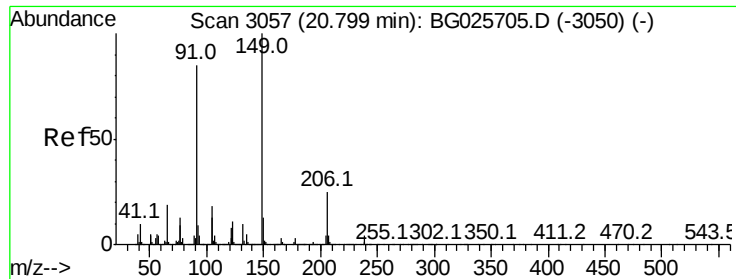


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

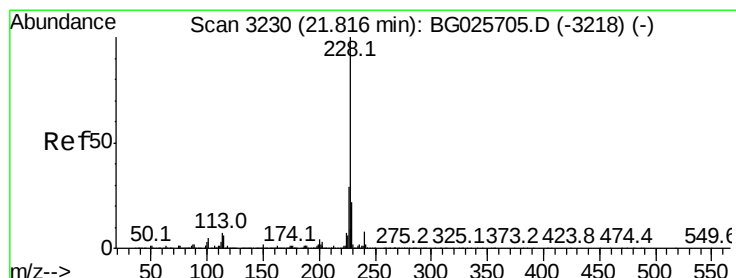
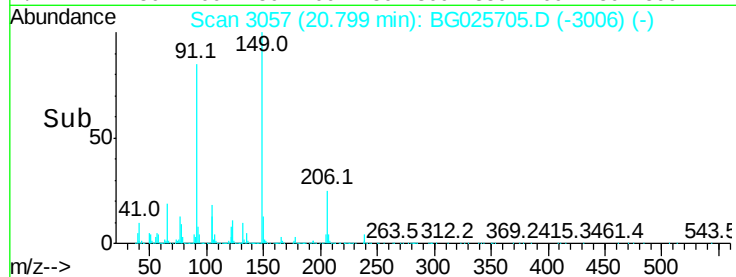
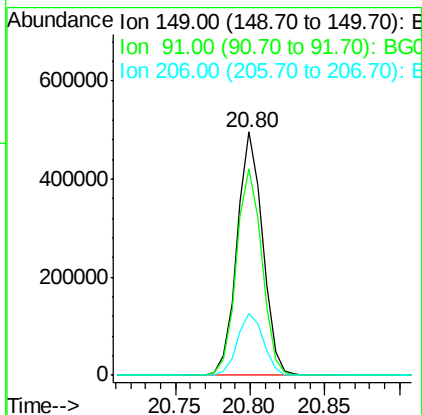
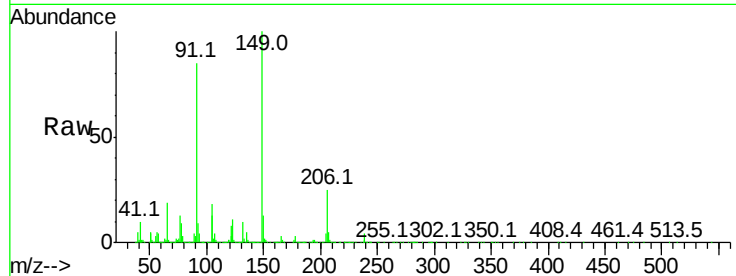




#79
Butylbenzylphthalate
Concen: 43.81 ng
RT: 20.80 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

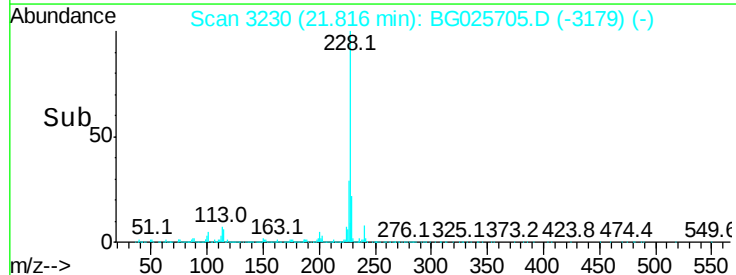
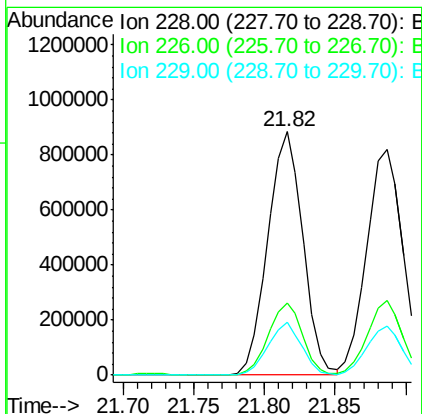
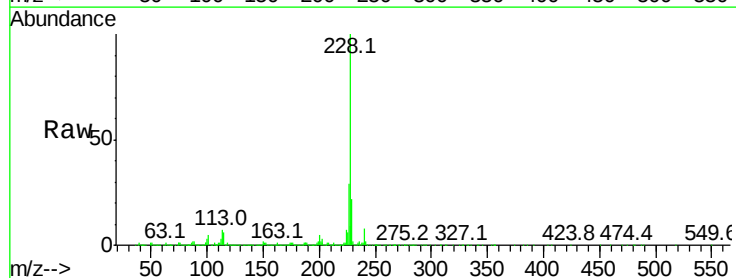
Instrument :
BNA_G
ClientSampleId :

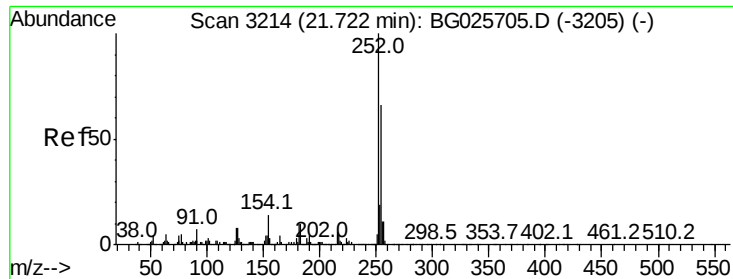
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.8	63.5	95.3
206	25.5	21.0	31.6



#80
Benzo(a)anthracene
Concen: 42.83 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	21.6	18.2	27.2

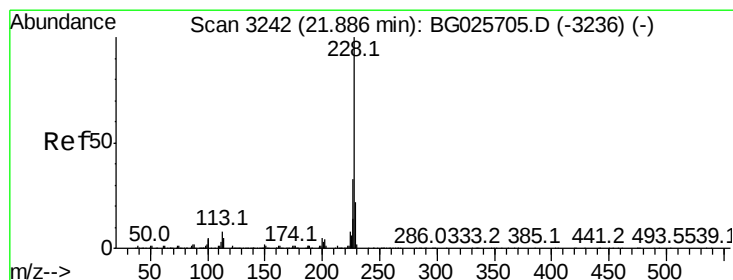
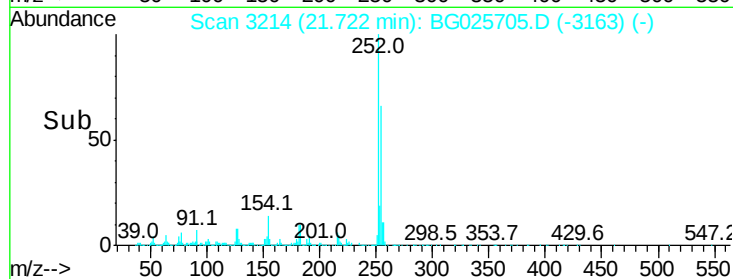
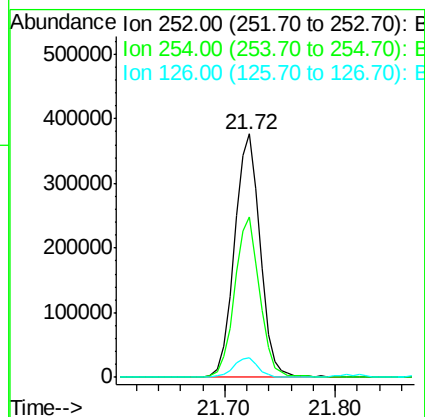
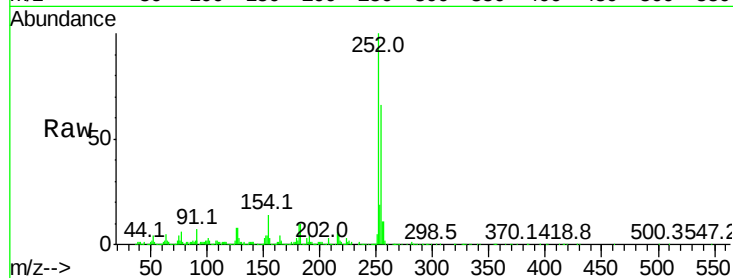




#81
 3,3'-Dichlorobenzidine
 Concen: 44.05 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

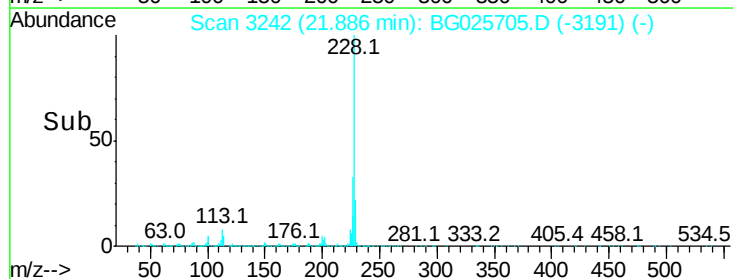
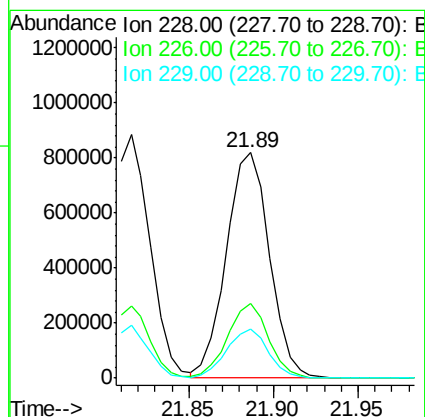
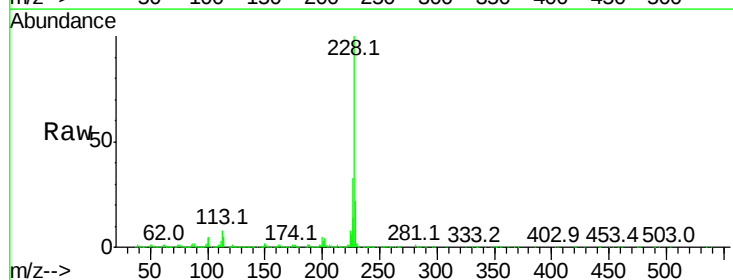
Instrument :
 BNA_G
 ClientSampleId :

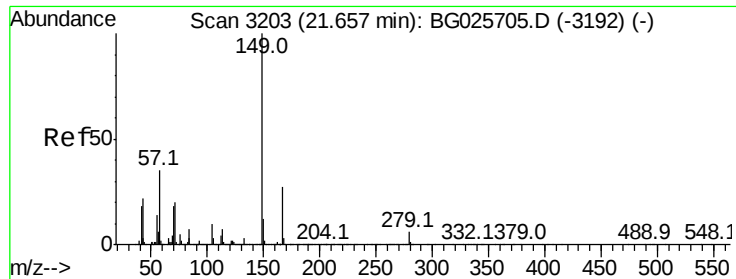
Tot Ion:252 Resp: 614363
 Ion Ratio Lower Upper
 252 100
 254 65.7 53.1 79.7
 126 7.9 7.0 10.4



#82
 Chrysene
 Concen: 42.18 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

Tgt Ion:228 Resp: 1452605
 Ion Ratio Lower Upper
 228 100
 226 33.1 27.0 40.4
 229 21.7 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.36 ng

RT: 21.66 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

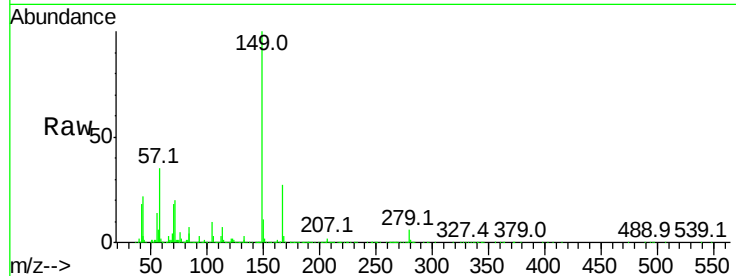
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 852817

Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.7	35.5
279	5.5	4.6	6.8

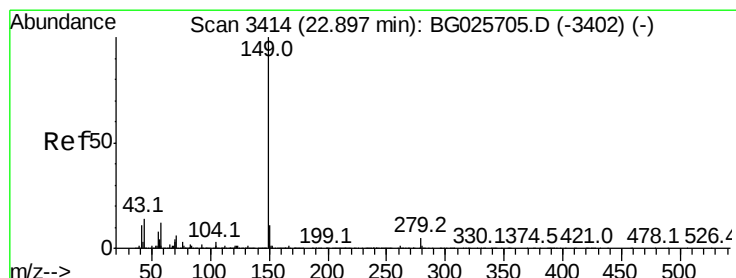
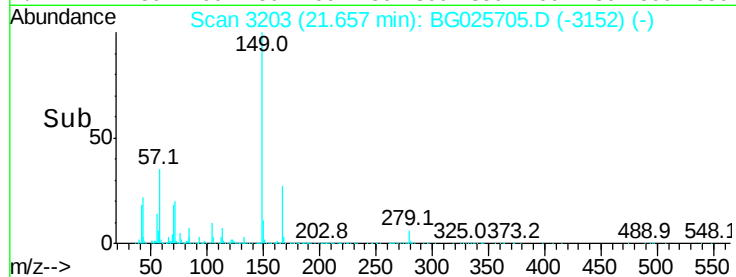
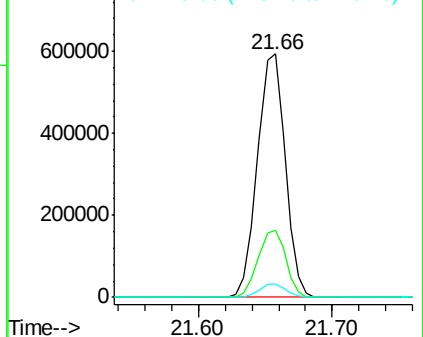


Abundance

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: 44.65 ng

RT: 22.90 min Scan# 3414

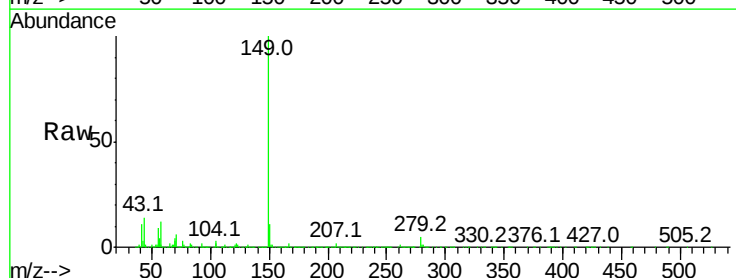
Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Tgt Ion:149 Resp: 1393655

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	13.6	11.8	17.6

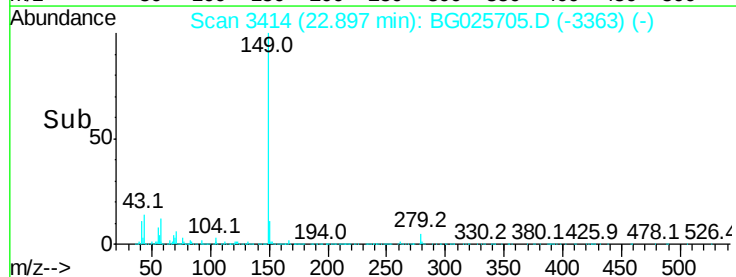
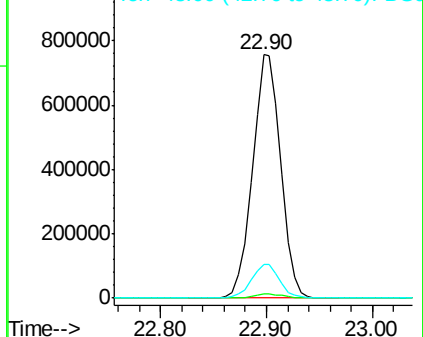


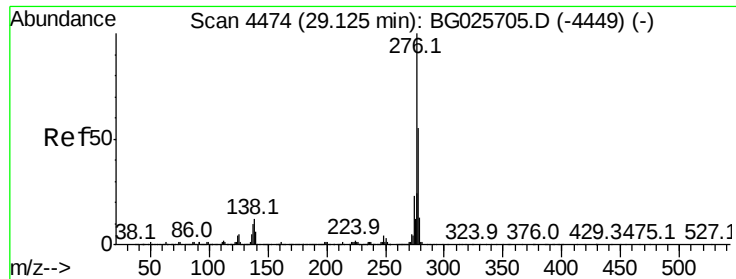
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

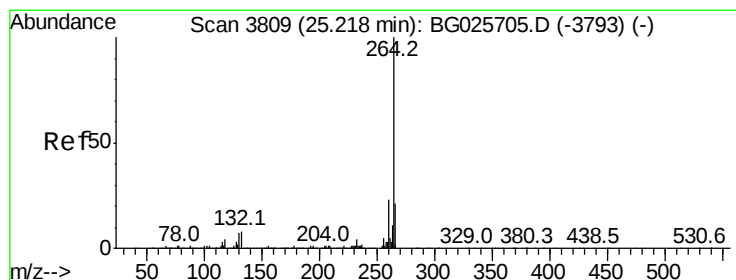
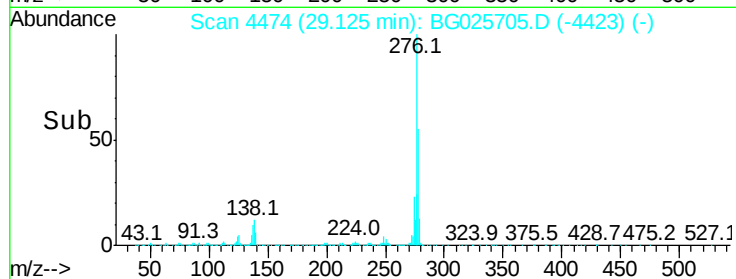
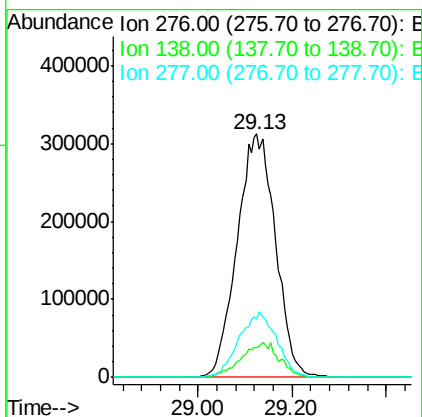
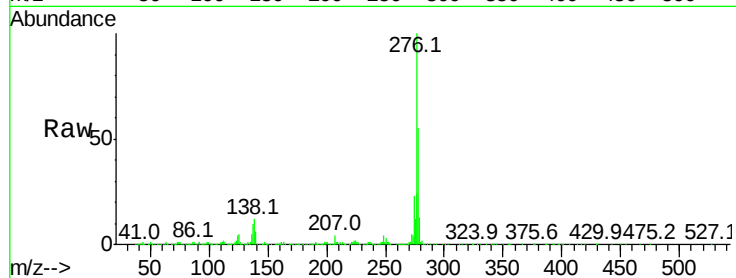




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.41 ng
RT: 29.13 min Scan# 4474
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

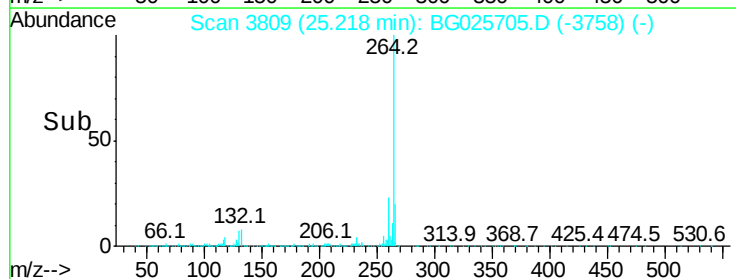
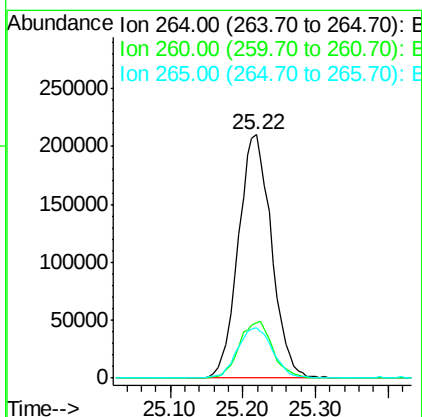
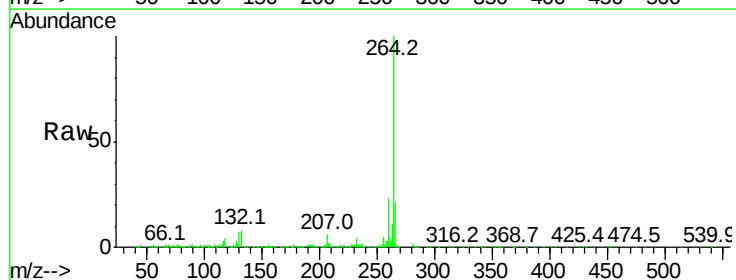
Instrument :
BNA_G
ClientSampleId :

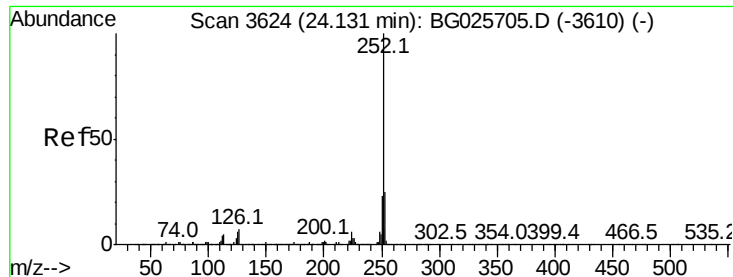
Tot Ion:276 Resp: 1768991
Ion Ratio Lower Upper
276 100
138 14.1 4.7 7.1#
277 26.4 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3809
Delta R.T. 0.00 min
Lab File: BG025705.D
Acq: 30 Jan 2017 15:12

Tgt Ion:264 Resp: 665977
Ion Ratio Lower Upper
264 100
260 22.9 21.8 32.8
265 20.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 41.95 ng

RT: 24.13 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

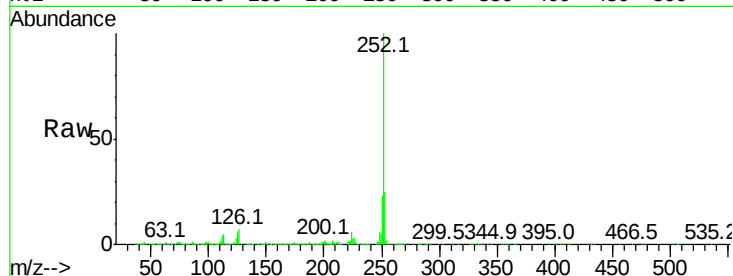
Tot Ion:252 Resp: 1524295

Ion Ratio Lower Upper

252 100

253 24.7 18.7 28.1

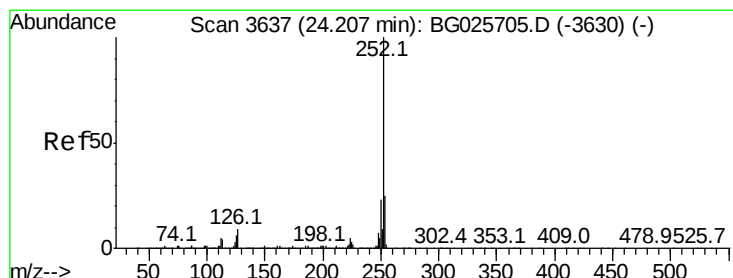
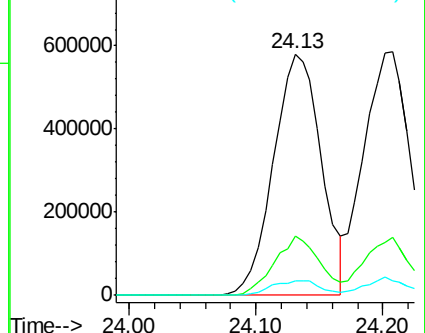
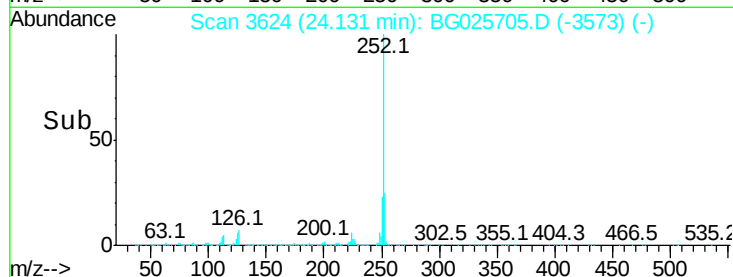
125 6.0 5.3 7.9



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



#88

Benzo(k)fluoranthene

Concen: 43.05 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

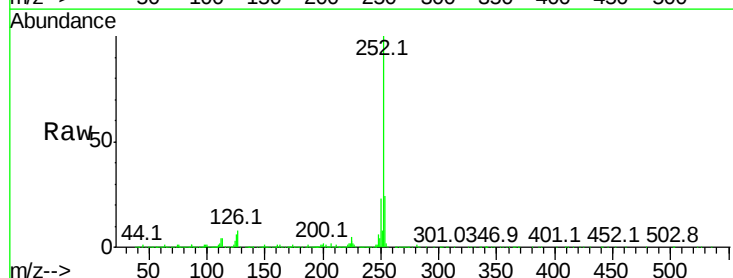
Tgt Ion:252 Resp: 1510824

Ion Ratio Lower Upper

252 100

253 23.8 20.2 30.2

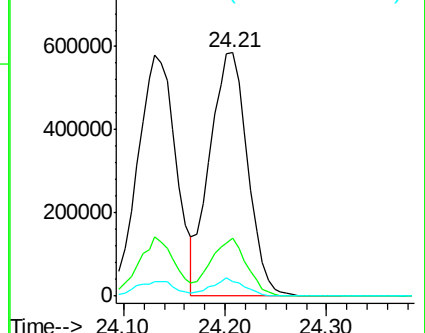
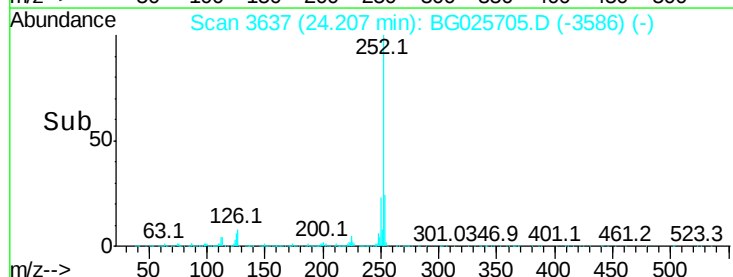
125 5.7 5.1 7.7

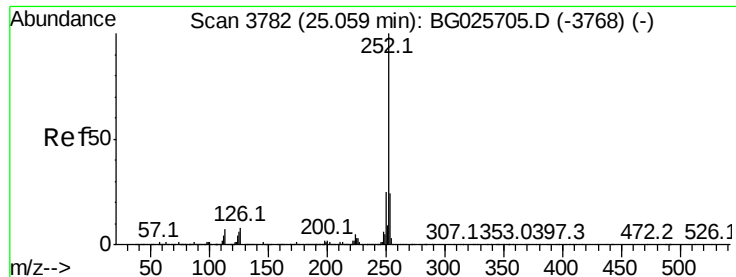


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.61 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

Instrument :

BNA_G

ClientSampleId :

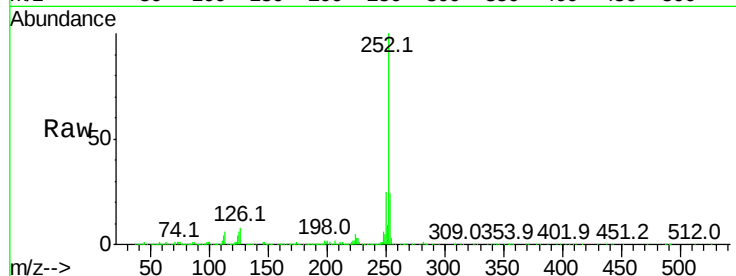
Tot Ion:252 Resp: 1460294

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	6.5	5.4	8.0

252 100

253 24.0 19.2 28.8

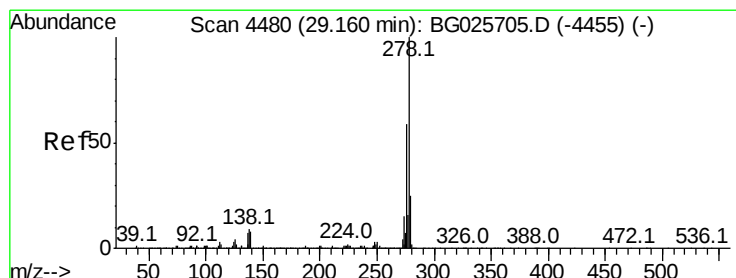
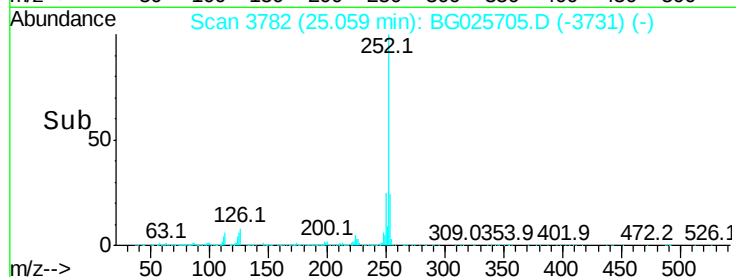
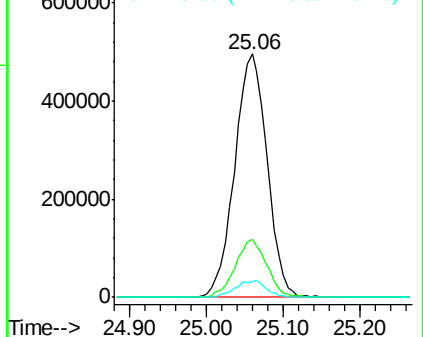
125 6.5 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.83 ng

RT: 29.16 min Scan# 4480

Delta R.T. 0.00 min

Lab File: BG025705.D

Acq: 30 Jan 2017 15:12

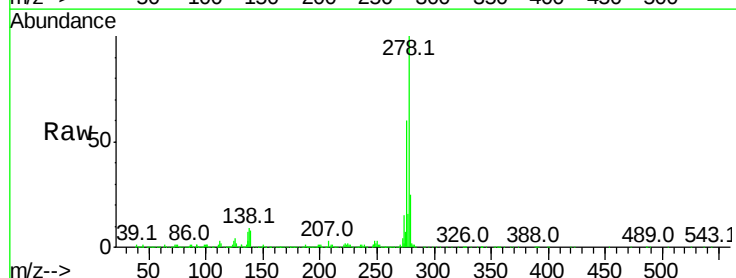
Tgt Ion:278 Resp: 1518669

Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.7	11.5
279	24.6	19.1	28.7

278 100

139 8.0 7.7 11.5

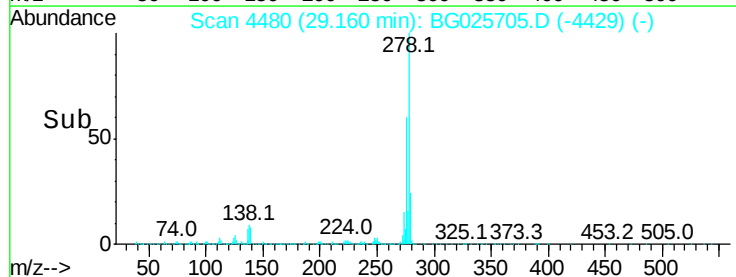
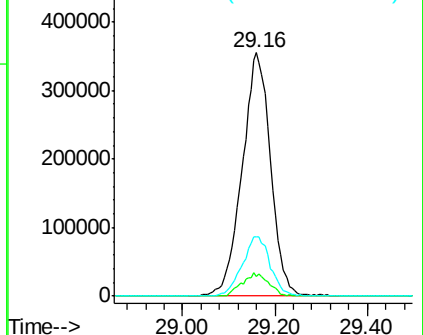
279 24.6 19.1 28.7

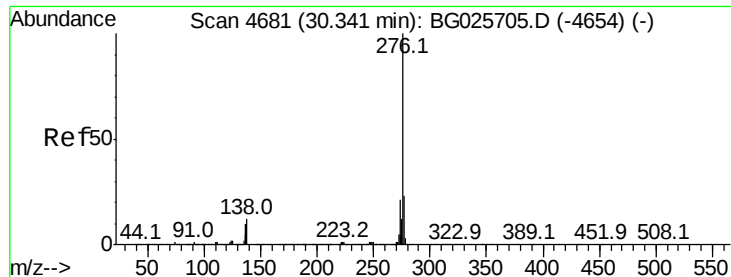


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



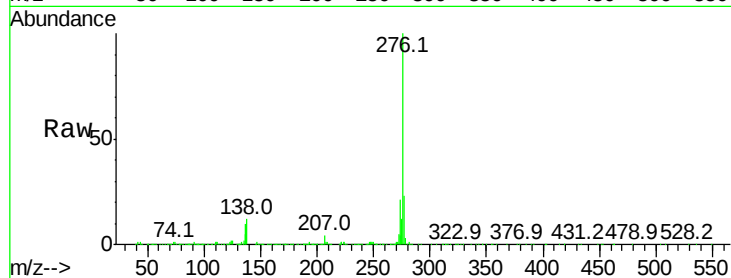


#91
 Benzo(a,h,i)perylene
 Concen: 41.36 ng
 RT: 30.34 min Scan# 4681
 Delta R.T. 0.00 min
 Lab File: BG025705.D
 Acq: 30 Jan 2017 15:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1528896

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	12.2	8.1	12.1#



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

